CONSTRUCTION DOCUMENTATION PACKAGE
FOR
COLIGNY PARK

PREPARED FOR:

Town of Hilton Head Island
Hilton Head Island, South Carolina
June 30, 2016

PREPARED BY:

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811 Know what's below. Call before you dig.

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC, DATED 11-11-2015 TITLED 1-2545.DWG

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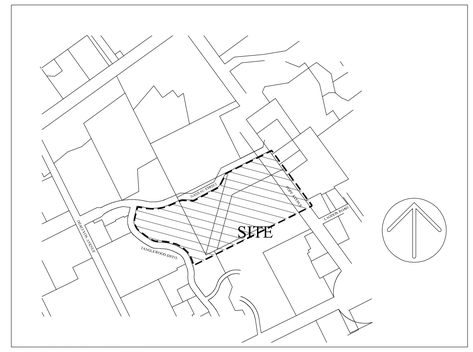


NOT TO SCALE

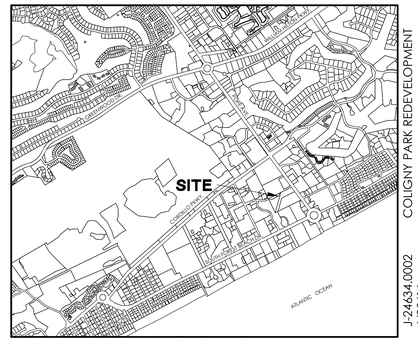
Parcel ID:
R553 018 000 065A 0000
R553 018 000 0258 0000

Flood Zone:
A7(14) & B

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION ACTIVITIES AND FOR AVOIDING ALL CONFLICTS WITH SAME. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
2. ALL DISTURBED AREAS AND PROPOSED GRADING NOT TO BE COVERED BY OTHER SURFACES SHALL BE MULCHED AS REQUIRED TO OBTAIN AN ACCEPTABLE GROUND COVER, UNLESS SPECIFIED OTHERWISE.
3. ALL CONSTRUCTION SHALL BE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL CODES.
4. THE CONTRACTOR SHALL PERFORM HIS OWN INVESTIGATIONS TO THE EXTENT NECESSARY TO DETERMINE THE EFFECTS OF SUB-SURFACE CONDITIONS ON THE WORK AND SHALL BID AND CONSTRUCT THE WORK IN ACCORDANCE WITH HIS FINDINGS.
5. DEMOLITION SHALL INCLUDE THE REMOVAL OF ALL PIPE, STRUCTURES OR DEBRIS WITHIN THE AREA OF CONSTRUCTION WHETHER SHOWN ON THE PLANS OR NOT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING PROPER DRAINAGE OF ANY AND ALL AREAS WHICH ARE FIELD ADJUSTED DURING CONSTRUCTION.
7. CONTRACTOR SHALL RESTORE DAMAGED FINISHES AND REPLACE DAMAGED OR DEFECTIVE UNITS.
8. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR TIMING OF AND RESPONSIBILITY OF DEMOLITION OPERATIONS.
9. CONTRACTOR TO AVOID ANY DAMAGE TO ALL EXPOSED TREE ROOTS. IF CONFLICTS WITH TREE ROOTS EXIST, CONTRACTOR SHALL NOT CUT TREE ROOTS AND SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS PRIOR TO MAKING ANY ADJUSTMENTS.

CVR



VICINITY MAP
SCALE: 1" = 2000'

J-24634.0002
6/30/16
COLIGNY PARK REDEVELOPMENT

CONSTRUCTION PLANS

FOR

COLIGNY PARK REDEVELOPMENT

HIL,TON HEAD ISLAND, SOUTH CAROLINA

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PREPARED FOR:

TOWN OF HILTON HEAD ISLAND

ONE TOWN CENTER COURT
HILTON HEAD ISLAND, SC 29928-2701

JUNE 30, 2016

J-24634.0002

Know what's below.
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SUBMITTAL HISTORY	
SUBMITTED TO	DATE

REVISION HISTORY			
REV. NO.	REVISION	BY	DATE

PRELIMINARY: NOT FOR CONSTRUCTION

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

SOUTH CAROLINA
THOMAS & HUTTON ENGINEERING CO.
No. C00285
CERTIFICATE OF AUTHORIZATION

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

SOUTH CAROLINA
No. 24797
6-30-16
JOHN M. SMITH

DRAWN BY:
JBJ
CHECKED BY:
SKM

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#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
COVER SHEET

SHEET NUMBER
CS

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Z:\24634\24634.0002\engineering\Drawings\construction Plans\24634.0002 - CS.dwg, Friday, July 08, 2016, Printed By: Jenkins, Barry

WATER LEGEND

DESCRIPTION	EXISTING	PROPOSED
WATER MAIN	10"W	10"W
SINGLE SERVICE LATERAL		
DOUBLE SERVICE LATERAL		
VALVE AND BOX		
FIRE HYDRANT W/VALVE & BOX		
POST HYDRANT		
REDUCER		
BACKFLOW PREVENTOR		
CROSS		
TEE		
90° BEND - HORIZONTAL		
45° BEND - HORIZONTAL		
22-½° BEND - HORIZONTAL		
11-¼° BEND - HORIZONTAL		
BEND - VERTICAL		
CAP		

OTHER UTILITIES LEGEND

DESCRIPTION	EXISTING
NATURAL GAS	UGG
TELEPHONE	OHT
UNDERGROUND TELEPHONE	UTL
ELECTRICITY	OHP
UNDERGROUND ELECTRICITY	UGP

DRAINAGE LEGEND

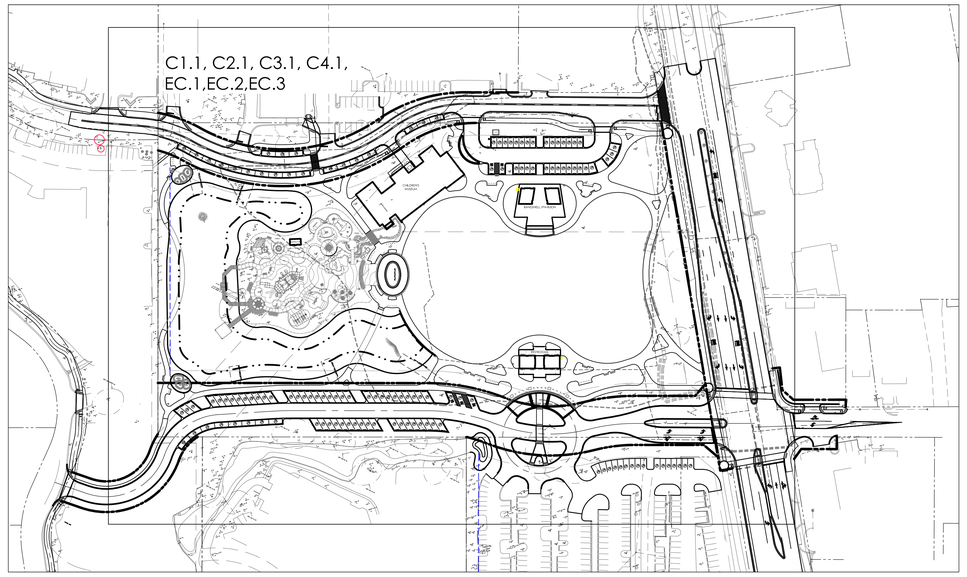
DESCRIPTION	EXISTING	PROPOSED
PIPE		
DITCH		
CURB INLET		
GRATE INLET		
JUNCTION BOX		
OUTLET STRUCTURE		

ABBREVIATIONS

HDPE	HIGH DENSITY POLYETHYLENE	JB	JUNCTION BOX	SDMH	STORM DRAINAGE MANHOLE
BOT	BOTTOM	LF	LINEAR FEET	SF	SQUARE FEET
CI	CURB INLET	MAX	MAXIMUM	SS	SANITARY SEWER
CPP	CORRUGATED PLASTIC PIPE	MIN	MINIMUM	TC	TOP OF CURB
DIP	DUCTILE IRON PIPE	MH	MANHOLE	TG	TOP OF GUTTER
EL	ELEVATION	OC	ON CENTER	TP	TOP OF PAVEMENT
FG	FINISH GRADE	PC	POINT OF CURVE	TW	TOP OF WALK
FH	FIRE HYDRANT	PH	POST HYDRANT	TYP	TYPICAL
FM	FORCE MAIN (SANITARY SEWER)	PT	POINT OF TANGENT	W	WATER
FP	FINISH PAD	PVC	POLYVINYL CHLORIDE	W/	WITH
FR	FRAME	RCP	REINFORCED CONCRETE PIPE	WV	WATER VALVE
GI	GRATE INLET	RJP	RESTRAINED JOINT PIPE	YI	YARD INLET
GV	GATE VALVE	R/W	RIGHT-OF-WAY		
INV	INVERT ELEVATION	SD	STORM DRAINAGE		

SEWER LEGEND

DESCRIPTION	EXISTING	PROPOSED
GRAVITY PIPE	SS	
SINGLE SERVICE LATERAL		
DOUBLE SERVICE LATERAL		
MANHOLE		
CLEANOUT		
FORCEMAIN	10"FM 10"FM	10"FM 10"FM
VALVE AND BOX		
FLUSH HYDRANT		
REDUCER		
BACKFLOW PREVENTOR		
CROSS		
TEE		
90° BEND - HORIZONTAL		
45° BEND - HORIZONTAL		
22-½° BEND - HORIZONTAL		
11-¼° BEND - HORIZONTAL		
BEND - VERTICAL		
PLUG \ CAP		



SHEET INDEX

SCALE: 100' = 1'-0"

GENERAL NOTES

1. THIS PROPERTY IS LOCATED IN FLOOD ZONE AT EL. 14 & B, AS SHOWN ON THE BEAUFORT COUNTY, SC. FLOOD INSURANCE RATE MAP 450025 0070D, DATED SEPTEMBER 29, 1986.
2. CONTRACTOR SHALL VERIFY ALL LOCATIONS, ELEVATIONS, AND SIZES PRIOR TO BEGINNING CONSTRUCTION. CONTACT ENGINEER IMMEDIATELY WITH ANY DISCREPANCIES.
3. TREE & TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY SEA ISLAND LAND SURVEY, LLC, DATED 10/23/2013 & 11/01/2013. SURVEY PROVIDED ON NGVD 1929 DATUM.
4. THERE ARE WETLANDS ON THE PROJECT SITE. WETLAND IMPACTS ARE PROPOSED.
5. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH CONSTRUCTION PLANS AND SPECIFICATIONS AND MEET OR EXCEED INDUSTRY STANDARDS.
6. THE CONTRACTOR SHALL NOT BEGIN CONSTRUCTION UNTIL THE PROPER PERMITS HAVE BEEN ISSUED
7. TREE PROTECTION BARRICADES, IF REQUIRED, SHALL BE INSTALLED PRIOR TO ANY CLEARING ACTIVITY AND MAINTAINED UNTIL INSTRUCTED BY THE OWNER OR ENGINEER TO REMOVE THEM.
8. HILTON HEAD FIRE AND RESCUE MUST BE NOTIFIED OF ANY PERCEIVED ROAD CLOSURES. TRAFFIC CONTROL MEASURES SHALL BE EMPLOYED AT LEAST 72 HOURS IN ADVANCE OF ANY ROAD CLOSURES.
9. CONTACT THE ONE CALL LOCATE LINE AT 1-888-721-7977 OR 811 A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO DIGGING FOR LOCATION OF WATER AND SEWER LINES, AND OTHER UTILITIES.
10. THE CONTRACTOR SHALL CONTACT ALL LOCAL UTILITY COMPANIES BEFORE WORK COMMENCES, VERIFY UTILITIES WITHIN THE PROJECT LIMITS AND NOTIFY THE ENGINEER OF CONFLICTS OR VARIANCES TO THE PLANS PRIOR TO BEGINNING WORK OR PURCHASE OF MATERIALS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES AND FOR AVOIDING ALL CONFLICTS WITH SAME. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
12. THE CONTRACTOR SHALL COORDINATE DEMOLITION AND IMPROVEMENTS TO MINIMIZE TRAFFIC INTERFERENCE AND OPERATIONS OF FACILITIES
13. ALL UTILITY POLES ADJACENT TO PROPOSED CONSTRUCTION MUST BE SECURED PRIOR TO ANY ADJACENT DISTURBANCE AND THE CONSTRUCTION PROCEDURE MUST BE ACCEPTABLE TO THE UTILITY COMPANY.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL DEVICES AND MEASURES AS NECESSARY TO MEET THE REQUIREMENTS OF THE SOUTH CAROLINA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. THE CONTRACTOR WILL NOTIFY THE ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO BEGINNING ANY REMOVAL OPERATION.
16. IT IS THE OBLIGATION OF THE CONTRACTOR TO MAKE THEIR OWN INTERPRETATION OF ALL SURFACE AND SUBSURFACE DATA AVAILABLE AS TO THE NATURE AND EXTENT OF THE MATERIALS TO BE EXCAVATED, WASTED, GRADED, AND COMPACTED. THE INFORMATION SHOWN ON THESE PLANS IN NO WAY GUARANTEES THE AMOUNT OR NATURE OF THE MATERIAL TO BE ENCOUNTERED.
17. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN AN ACCEPTABLE WASTE DISPOSAL AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL CONSTRUCTION DEBRIS.
18. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY BRACING, SHEETING AND DEWATERING TO COMPLETE THE PROJECT, PROTECT THE CONSTRUCTION WORKERS AND ALL ADJACENT STRUCTURES, TREES, LANDSCAPING, AND IS RESPONSIBLE FOR ALL REPAIR AND COST TO RETURN AREA TO ORIGINAL CONDITION.
19. CONTROL OF STORMWATER THROUGHOUT THE CONSTRUCTION PERIOD, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE EXISTING DRAINAGE CONVEYANCES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. ALL PENALTIES, CLAIMS AND FEES IMPOSED ON THE OWNER AS A RESULT OF DAMAGE CAUSED BY ACTIONS OF THE CONTRACTOR, ITS EMPLOYEES OR SUBCONTRACTORS SHALL BE BORNE IN FULL BY THE CONTRACTOR.
20. ALL STORM DRAIN JOINTS SHALL BE WRAPPED IN FILTER FABRIC.
21. ANY DEFECTIVE, DAMAGED, OR UNSOUND PIPE SHALL BE REJECTED. ALL FOREIGN MATTER OR DIRT SHALL BE REMOVED FROM INSIDE OF PIPE BEFORE IT IS LOWERED INTO ITS POSITION IN THE TRENCH AND SHALL BE KEPT
22. CLEAN PIPE BY ACCEPTED MEANS DURING AND AFTER LAYING. CARE SHALL BE TAKEN TO PREVENT DIRT FROM ENTERING THE JOINT SPACE. AT TIMES WHEN PIPE LAYING IS NOT IN PROGRESS THE ENDS OF THE PIPE SHALL BE CLOSED BY ACCEPTED MEANS AND NO TRENCH WATER SHALL BE PERMITTED IN THE PIPE.
23. PAVEMENT STRIPING, MARKING, AND SIGNS TO BE INSTALLED IN ACCORDANCE WITH: 1) THE DETAILS, DRAWINGS, AND SPECIFICATIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF CURRENT ADOPTION BY THE SCDOT; AND 2) U.S. DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. ALL WORK SHALL CONFORM TO APPLICABLE STATE, COUNTY AND MUNICIPAL REQUIREMENTS AND CODES.
24. "RECORD DRAWINGS" SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE SIGNED BY A REGISTERED LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA. THE CONTRACTOR SHALL PROVIDE A SET OF "MARKED UP" RECORD DRAWINGS AS WELL AS A CD ROM CONTAINING THE RECORD DRAWING INFORMATION IN AUTOCAD 2006 OR LATER VERSION.
25. THE FOLLOWING NOTES ARE SPECIFIED BY THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL - OFFICE OF OCEAN AND COASTAL RESOURCES MANAGEMENT (SCDHEC-OCRM) AND ARE TO BE EXECUTED BY THE CONTRACTOR:
   a. ALL SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24-HOUR PERIOD. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.
   b. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN 14 DAYS.
   c. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING LOT CONSTRUCTION OR PROVIDE AN INDIVIDUAL PLAN MEETING SECTION R.72-307 OF THE STORM WATER MANAGEMENT AND SEDIMENT REDUCTION ACT REQUIREMENTS.
29. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED SIMULTANEOUSLY WITH THE DISTURBANCE OF THE LAND, INCLUDING DEMOLITION, AND SHALL REMAIN FUNCTIONAL UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED. SILT BARRERS WILL BE INSTALLED AS NECESSARY TO PREVENT EXCESSIVE EROSION.
30. **ALL DRAINAGE WILL BE MADE FUNCTIONAL DAILY AS WORK PROGRESSES.**
31. **EACH EXISTING ROAD WILL BE CLEANED UP AND RESTORED DAILY.**
32. **NEW PAVEMENT TO BE FLUSH WITH EDGE OF EXISTING PAVEMENT.**
33. CONTRACTOR SHALL GRADE ALL AREAS SUCH THAT WATER DRAINS TO THE APPROPRIATE RIGHT-OF-WAY, EASEMENT, OR WETLAND AS SHOWN ON APPROVED CONSTRUCTION DRAWINGS.

WATER & SEWER NOTES

1. PIPE, FITTINGS, VALVES AND OTHER ACCESSORIES SHALL, UNLESS OTHERWISE DIRECTED, BE UNLOADED AT THE POINT OF DELIVERY, AND STORED WHERE THEY WILL BE PROTECTED AND WILL NOT BE HAZARDOUS TO TRAFFIC. THEY SHALL AT ALL TIMES BE HANDLED WITH CARE TO AVOID DAMAGE. THE INTERIOR OF ALL PIPES, FITTINGS AND OTHER ACCESSORIES SHALL BE KEPT FREE FROM DIRT AND FOREIGN MATTER AT ALL TIMES.
2. ALL MANHOLE TOPS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE AND SET MANHOLE TOPS RELATIVE TO FINISHED GRADES AS SHOWN ON THE DETAIL.
3. ANY DEFECTIVE, DAMAGED, OR UNSOUND PIPE SHALL BE REJECTED. ALL FOREIGN MATTER OR DIRT SHALL BE REMOVED FROM THE INSIDE OF THE PIPE BEFORE IT IS LOWERED INTO POSITION IN THE TRENCH AND SHALL BE KEPT CLEAN BY ACCEPTABLE MEANS DURING AND AFTER INSTALLING. CARE SHALL BE TAKEN TO PREVENT DIRT FROM ENTERING THE JOINT SPACE. DURING INSTALLATION, WHEN PIPE INSTALLATION IS NOT IN PROGRESS, A MECHANICAL JOINT PLUG OR CAP, OR ACCEPTABLE EQUIVALENT, SHALL BE USED TO FORM A WATER TIGHT SEAL AT BOTH ENDS OF THE LINE BEING INSTALLED.
4. THE INTERIORS OF ALL PIPE SHALL BE CLEANED BY BRUSHING, SWABBING, OR WASHING OUT OF ALL DIRT PRIOR TO INSTALLATION.
5. ALL WATER USED FOR CONSTRUCTION SHALL BE METERED THROUGH AN ACCEPTABLE BACKFLOW PREVENTER DEVICE AND FIRE HYDRANT METER OBTAINED FROM SOUTH ISLAND PSD.
6. A #12 GAUGE INSULATED SINGLE STRAND COPPER WIRE SHALL BE STRAPPED TO ALL PVC WATER AND SEWER PIPES.
7. DISCHARGE OF HIGHLY CHLORINATED WATER INTO SURROUNDING AREAS OR STORM DRAINAGE SYSTEM IS PROHIBITED. DISPOSAL OF HIGHLY CHLORINATED WATER SHALL COMPLY WITH THE REQUIREMENTS OF SOUTH CAROLINA DHEC AND AWWA STANDARD C651, LATEST REVISION. IF REQUIRED BY THE ENGINEER, A REDUCING AGENT SHALL BE USED TO NEUTRALIZE THE CHLORINE.
8. ALL TEMPORARY CONNECTIONS TO BE COORDINATED BY CONTRACTOR.
9. CONTRACTOR TO PROVIDE A MINIMUM OF 48 HOURS NOTICE TO SOUTH ISLAND PSD PRIOR TO TAPPING ANY EXISTING MAINS.
10. IN ALL WATER LINE PROJECTS, CARE SHALL BE TAKEN TO KEEP THE INTERIOR OF THE WATER PIPE CLEAN PRIOR TO CONNECTION TO THE SOUTH ISLAND PSD SYSTEM.
11. ALL WATER AND SEWER CONSTRUCTION SHALL CONFORM TO APPLICABLE STATE AND SOUTH ISLAND PSD REQUIREMENTS, STANDARDS AND SPECIFICATIONS.
12. THE CONTRACTOR SHALL ADJUST UTILITY STRUCTURES TO FINISHED GRADE (MANHOLES, INLETS, VALVE BOXES, ETC.).
13. ALL COST ASSOCIATED WITH EXISTING SANITARY SEWER UTILITY DAMAGES, REPAIRS, FINES, PENALTIES OR FEES SHALL BE BORNE SOLELY BY THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINES, FEES AND PENALTIES IN THE EVENT OF A RAW SEWAGE SPILL DURING THE CONSTRUCTION PROCESS.
14. THE SOUTH ISLAND PUBLIC SERVICE DISTRICT SHALL BE RESPONSIBLE FOR THE INSPECTION AND APPROVAL OF ALL WATER AND/OR SEWER LINE INSTALLATIONS AND CONNECTIONS FOR FUTURE OPERATIONS AND MAINTENANCE.
15. FLUSH AND DISINFECT THE NEW WATER LINES IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
16. ALL WATER MAINS SHALL HAVE A MINIMUM OF 3 FEET OF COVER MEASURED FROM FINISHED GRADE EXCEPT WHERE OTHERWISE NOTED ON THE PLANS.
17. MAINTAIN A 10' HORIZONTAL SEPARATION BETWEEN ALL SANITARY SEWERS AND ALL WATER MAINS. WATER AND SEWER LINE CROSSINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.

GENERAL INFORMATION

COUNTY: BEAUFORT
TOWN: HILTON HEAD
ZONING: (RD) RESORT DEVELOPMENT
(CR) COLIGNY RESORT

OWNER:
TOWN OF HILTON HEAD ISLAND
ONE TOWN CENTER COURT
(843) 341-4779

ENGINEER:
THOMAS & HUTTON
50 PARK OF COMMERCE WAY
SAVANNAH, GA 31405
(912) 234-5300

PREPARED FOR:

TOWN OF HILTON HEAD ISLAND
ONE TOWN CENTER COURT
843-341-4779

SURVEYOR: SEA ISLAND LAND SURVEY
4D MATHEWS COURT
HILTON HEAD, SC 29926
(843) 681-3248

UTILITY: SOUTH ISLAND
PUBLIC SERVICE DISTRICT
2 GENESTA STREET
HILTON HEAD, SC 29938
(843) 785-6224

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Savannah, GA 31405 • 912.234.5300
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Land Planners
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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

SOUTH CAROLINA
THOMAS & HUTTON ENGINEERING CO.
No. C00285
CERTIFICATE OF AUTHORIZATION

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

SOUTH CAROLINA
No. 23737
6-30-16
JOHN M. SMITH

DRAWN BY:
JBJ
CHECKED BY:
SKM

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#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
GENERAL NOTES & SHEET INDEX

SHEET NUMBER
G1.1

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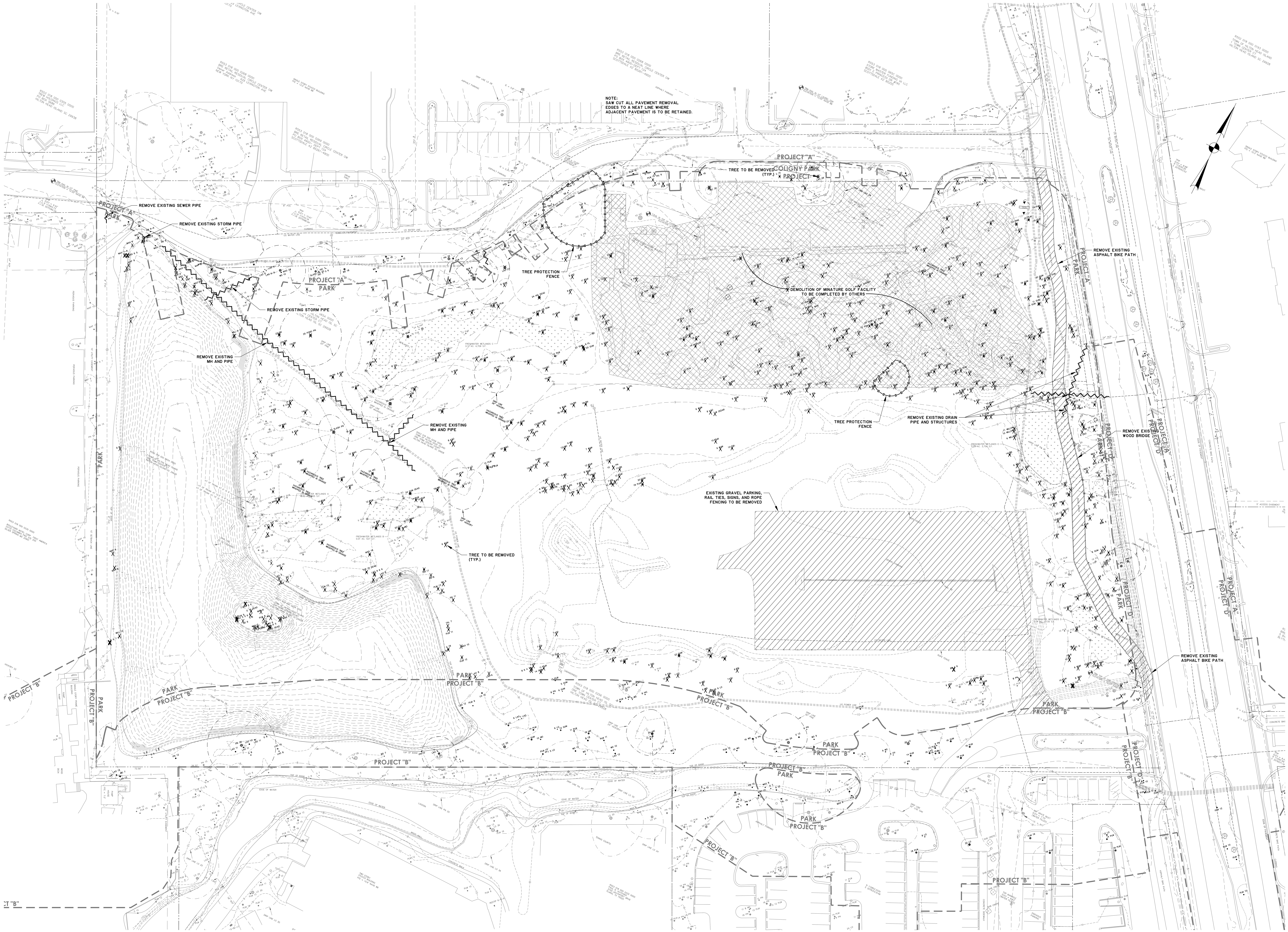

SCALE: 1" - 30'-0"

0' 15' 30' 60' 90' 120'

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

CONSTRUCTIONDOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
JBJ
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SKM

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#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
EXIST. CONDITIONS & DEMOLITION PLAN

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50 Park of Commerce Way
Savannah, GA 31405 • 912.234.5300
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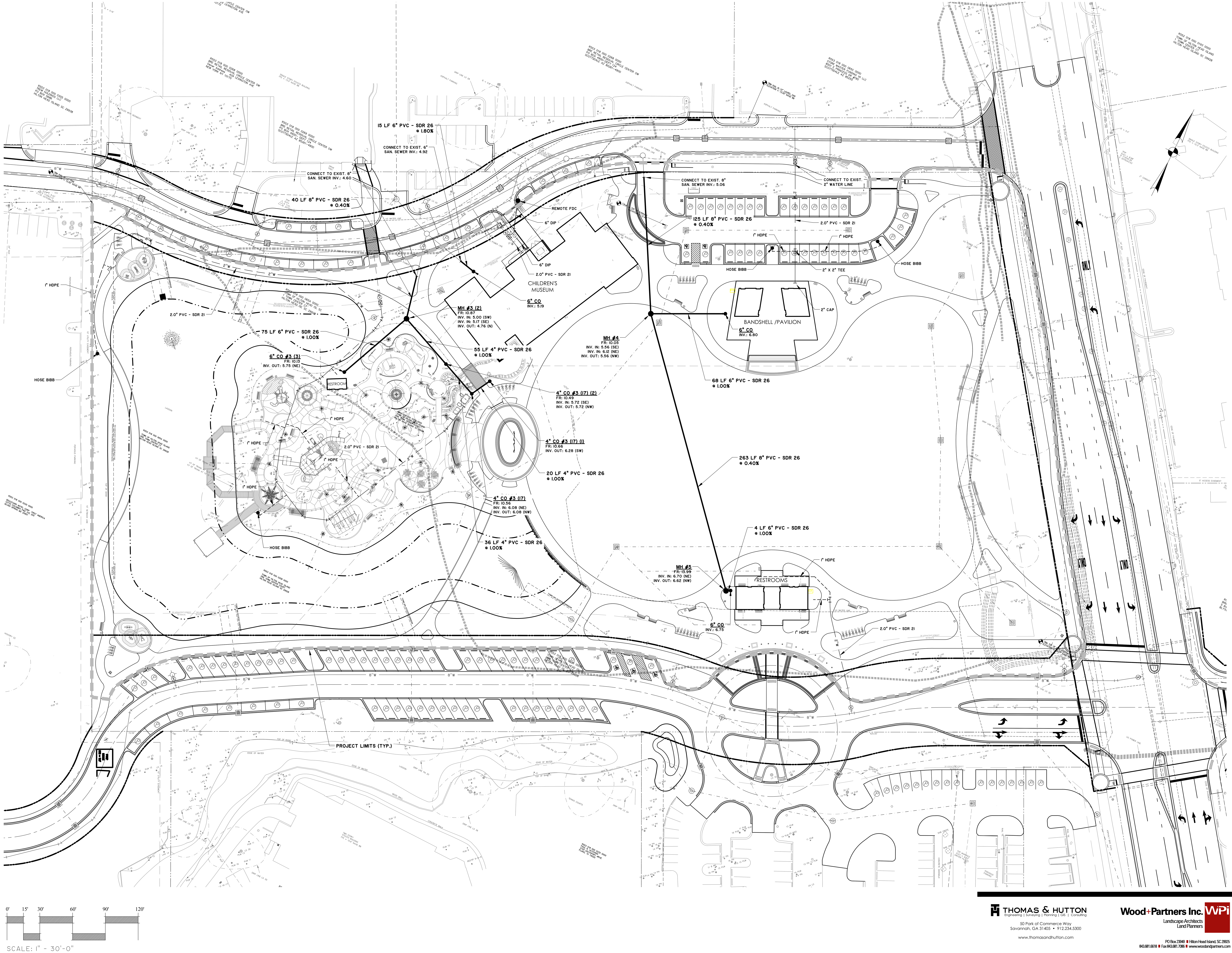
843.681.6618 Fax 843.681.7086 www.woodandpartners.com

SHEET NUMBER
C1.1



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Hilton Head Island, SC 29928

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: JBJ

CHECKED BY: SKM

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#	REVISION	DATE	BY

DATE 6-30-2016

PROJECT NUMBER 01-16002

SHEET TITLE WATER AND SEWER PLAN

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SHEET NUMBER C2.1

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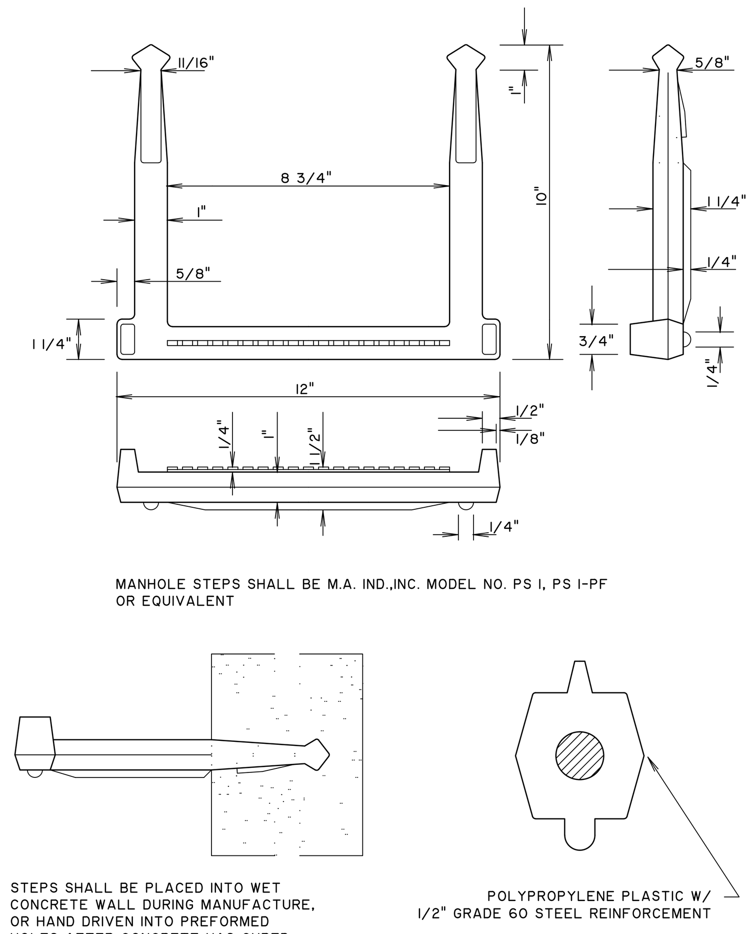
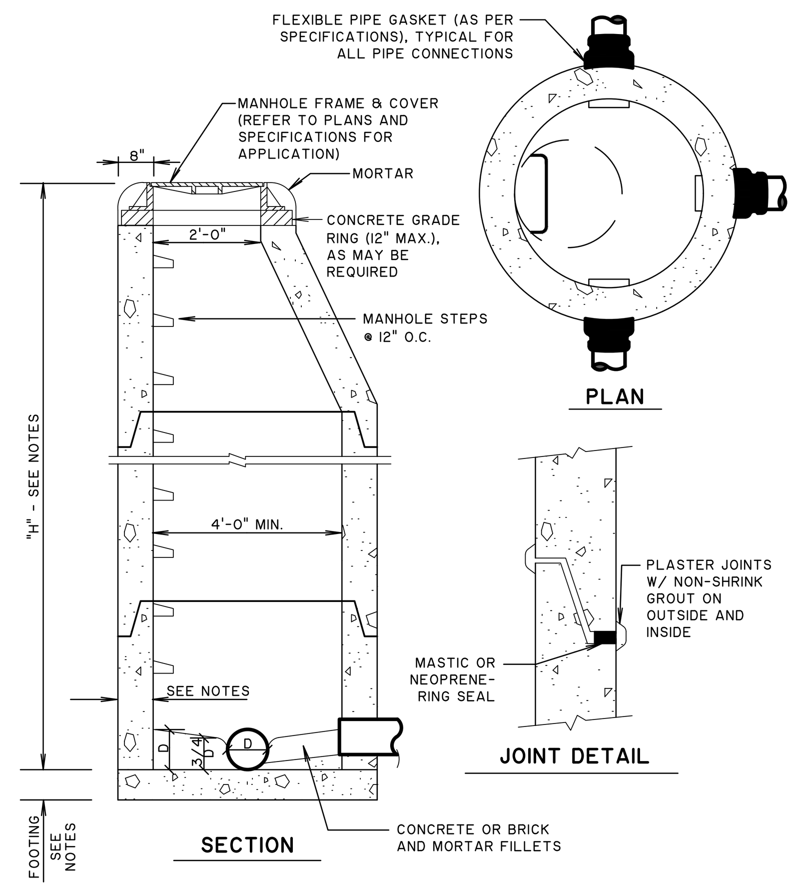


MANHOLE STEP DETAIL

NOT TO SCALE

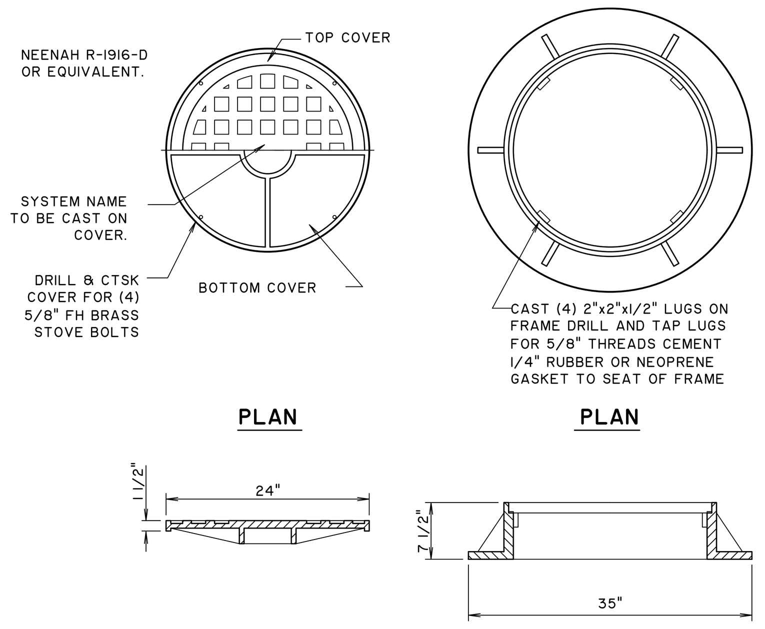


NOTES:

1. IN PAVED AREAS MANHOLE FRAMES WILL BE FLUSH WITH FINISHED PAVEMENT GRADE. IN NON-PAVED AREAS MANHOLE FRAMES WILL BE SET 2" ABOVE FINISHED GRADE.
2. PRECAST REINFORCED CONCRETE MANHOLE TOPS, RISERS, AND BASES SHALL CONFORM TO ASTM C478.
3. BRICK MANHOLES - WHEN "H" IS LESS THAN 12 FT., FOOTING AND BRICK WALLS SHALL BE 8" THICK. WHEN "H" IS GREATER THAN 12 FT., FOOTING AND BRICK WALLS BELOW 12 FT. SHALL BE 12" THICK. PLASTER WITH 1/2" 1:2 MORTAR ON OUTSIDE.

STANDARD MANHOLE

NOT TO SCALE

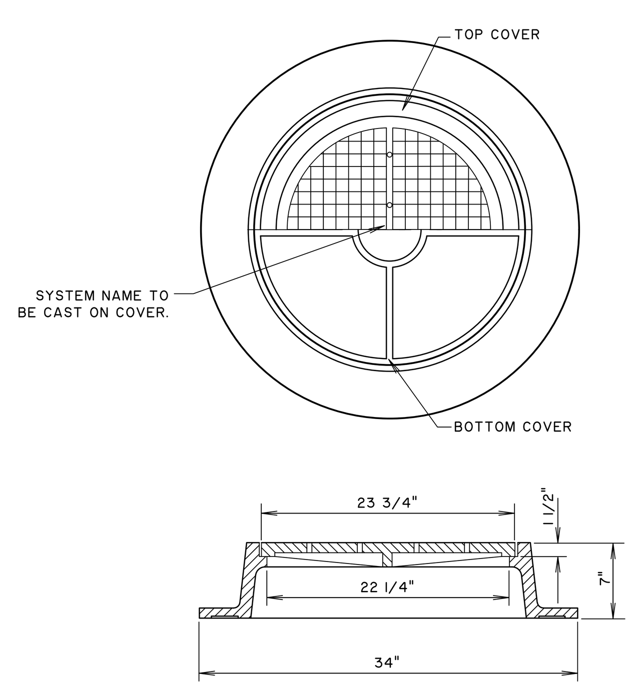


NOTES:

1. CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE, DISTORTION OR OTHER DEFECTS. THEY SHALL BE SMOOTH AND WELL CLEANED BY SHOTBLASTING OR BY SOME OTHER APPROVED METHOD.
2. MATERIALS USED IN THE MANUFACTURE OF CASTINGS SHALL CONFORM TO ASTM, AASHTO, ASA, MIL, AMS OR SPECIFICATIONS FOR GRAY IRON OR DUCTILE IRON, AS FOLLOWS: GRAY IRON-ASTM A48, CLASS 35B, DUCTILE IRON ASTM A536, CLASS 80-55-06.
3. ALL CASTINGS SHALL BE MANUFACTURED TRUE TO PATTERN: COMPONENT PARTS SHALL FIT TOGETHER IN A SATISFACTORY MANNER, ROUND FRAMES AND COVERS SHALL BE OF NON-ROCKING DESIGN, OR SHALL HAVE MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING UNDER TRAFFIC. DEVIATIONS SHALL NOT EXCEED TOLERANCES PERMITTED BY ASTM STANDARDS.

WATER-TIGHT MANHOLE FRAME AND COVER DETAIL

NOT TO SCALE



NOTE:
CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE, DISTORTION OR OTHER DEFECTS THEY SHALL BE SMOOTH AND WELL CLEANED BY SHOTBLASTING OR BY SOME OTHER APPROVED METHOD.

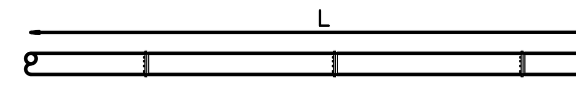
MATERIALS USED IN THE MANUFACTURE OF CASTINGS SHOULD CONFORM TO ASTM, AASHTO, ASA, MIL, AMS OR SPECIFICATIONS FOR GRAY IRON OR DUCTILE IRON AS FOLLOWS: GRAY IRON-ASTM A48, CLASS 35B, DUCTILE IRON-ASTM A536, CLASS 80-55-06.

ALL CASTINGS SHALL BE MANUFACTURED TRUE TO PATTERN: COMPONENT PARTS SHALL FIT TOGETHER IN A SATISFACTORY MANNER, ROUND FRAMES AND COVERS SHALL BE OF NON-ROCKING DESIGN, OR SHALL HAVE MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING UNDER TRAFFIC.

DEVIATIONS SHALL NOT EXCEED TOLERANCES PERMITTED BY ASTM STANDARDS.

MANHOLE FRAME AND COVER DETAIL

NOT TO SCALE



DUCTILE IRON LINE

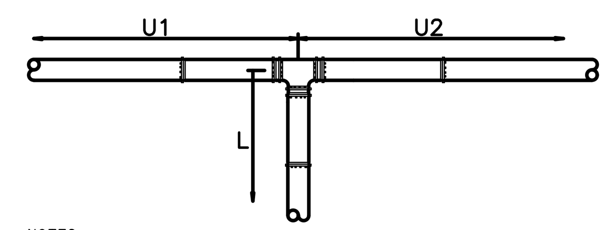
PIPE DIA.	L
4	28
6	40
8	52
10	62
12	73
16	94
20	114
24	132

PVC LINE

PIPE DIA.	L
4	52
6	74
8	96
10	115
12	136

NOTES:
1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.

DEAD END RESTRAINT



NOTES:
1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.
3. U1 AND U2 = UNINTERRUPTED STRAIGHT RUNS OF PIPE IN EACH DIRECTION.
4. Ur = THE SMALLER OF U1 OR U2.
5. L = MINIMUM RESTRAINED LENGTH ALONG THE BRANCH.
6. WHERE Ur IS LESS THAN 5', RESTRAIN TEE AS A 90°. HORIZONTAL BEND.

DUCTILE IRON LINE

TEE \ Ur	5'–10'	11'–20'	21'–35'	36'–50'	50'–75'	75'–100'
4X4	23	15	2	*	*	*
6X4	21	9	*	*	*	*
6X6	35	27	14	*	*	*
8X4	18	3	*	*	*	*
8X6	33	23	5	*	*	*
8X8	47	39	26	6	*	*
10X4	16	*	*	*	*	*
10X6	31	18	*	*	*	*
10X8	46	36	19	*	*	*
10X10	57	49	36	17	*	*
12X4	13	*	*	*	*	*
12X6	30	14	*	*	*	*
12X8	44	32	13	*	*	*
12X10	56	47	31	7	*	*
12X12	68	60	47	28	*	*
16X6	26	4	*	*	*	*
16X8	41	25	*	*	*	*

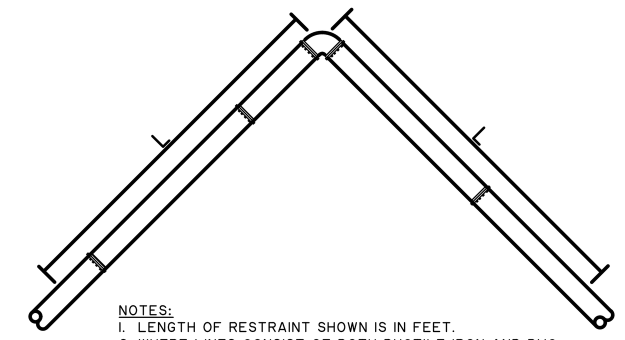
DUCTILE IRON LINE

TEE \ Ur	5'–10'	11'–20'	21'–35'	36'–50'	50'–75'	75'–100'
16X10	54	41	20	*	*	*
16X12	66	56	38	*	*	*
16X16	89	81	38	*	*	*
20X6	22	*	*	*	*	*
20X8	38	18	*	*	*	*
20X10	51	35	8	*	*	*
20X12	64	51	28	*	*	*
20X16	87	77	60	35	10	*
20X20	108	100	87	67	48	*
24X6	18	*	*	*	*	*
24X8	35	10	*	*	*	*
24X10	49	29	*	*	*	*
24X12	62	45	17	*	*	*
24X16	86	73	53	22	*	*
24X20	107	97	81	57	33	*
24X24	127	119	106	86	66	33

MINIMUM RESTRAINED LENGTH (L)

*RESTRAIN AT TEE ONLY.

TEE RESTRAINT (DUCTILE IRON LINE)



NOTES:
1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.

PVC LINE

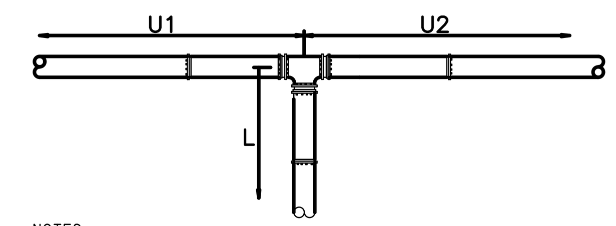
PIPE DIA.	BEND ANGLE 11 1/4°	22 1/2°	45°	90°
4	3	6	12	29
6	4	8	17	41
8	5	11	22	53
10	6	13	26	64
12	7	15	31	75

DUCTILE IRON LINE

PIPE DIA.	BEND ANGLE 11 1/4°	22 1/2°	45°	90°
4	2	4	8	20
6	3	6	12	28
8	4	7	15	36
10	4	9	18	43
12	5	10	21	51
16	6	13	27	65
20	8	16	33	79
24	9	18	38	92

MINIMUM RESTRAINED LENGTH (L)

HORIZONTAL BEND RESTRAINT



NOTES:
1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.
3. U1 AND U2 = UNINTERRUPTED STRAIGHT RUNS OF PIPE IN EACH DIRECTION.
4. Ur = THE SMALLER OF U1 OR U2.
5. L = MINIMUM RESTRAINED LENGTH ALONG THE BRANCH.
6. WHERE Ur IS LESS THAN 5', RESTRAIN TEE AS A 90°. HORIZONTAL BEND.

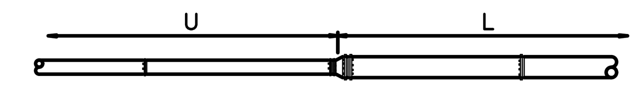
PVC LINE

TEE \ Ur	5'–10'	11'–20'	21'–35'	> 35'
4X4	43	28	4	*
6X4	38	17	*	*
6X6	64	49	25	*
8X4	34	6	*	*
8X6	61	42	10	*
8X8	87	72	48	12
10X4	29	*	*	*
10X6	58	34	*	*
10X8	84	66	35	*
10X10	106	91	67	31
12X4	24	*	*	*
12X6	54	26	*	*
12X8	82	60	23	*
12X10	104	86	57	13
12X12	126	112	87	51

MINIMUM RESTRAINED LENGTH (L)

*RESTRAIN AT TEE ONLY.

TEE RESTRAINT (PVC LINE)



DUCTILE IRON LINE

REDUCER	U	L
6X4	30	21
8X4	72	38
8X6	29	22
10X4	123	51
10X6	63	38
10X8	26	21
12X4	186	64
12X6	106	53
12X8	59	39
12X10	26	21
16X6	214	79
16X8	141	68
16X10	91	56
16X12	54	40
20X10	174	84
20X12	123	71
20X16	51	40
24X12	207	97
24X16	113	72
24X20	48	39

PVC LINE

REDUCER	U	L
6X4	56	38
8X4	134	69
8X6	53	40
10X4	227	94
10X6	117	71
10X8	49	39
12X4	343	118
12X6	196	99
12X8	109	72
12X10	48	40

U = MINIMUM UNINTERRUPTED STRAIGHT RUN OF PIPE ON SMALL SIDE OF REDUCER.

L = MINIMUM RESTRAINED LENGTH.

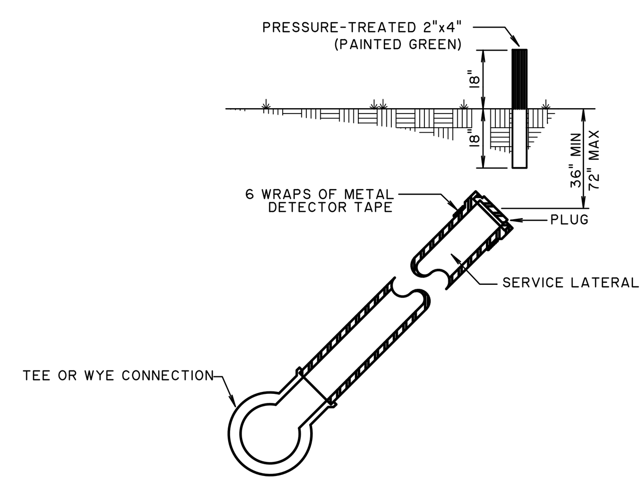
* WHERE MINIMUM "U" IS NOT MET, PIPE ON LARGE SIDE OF REDUCER SHALL BE RESTRAINED FOR A MINIMUM OF "L" FEET.

NOTES:
1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.

REDUCER RESTRAINT

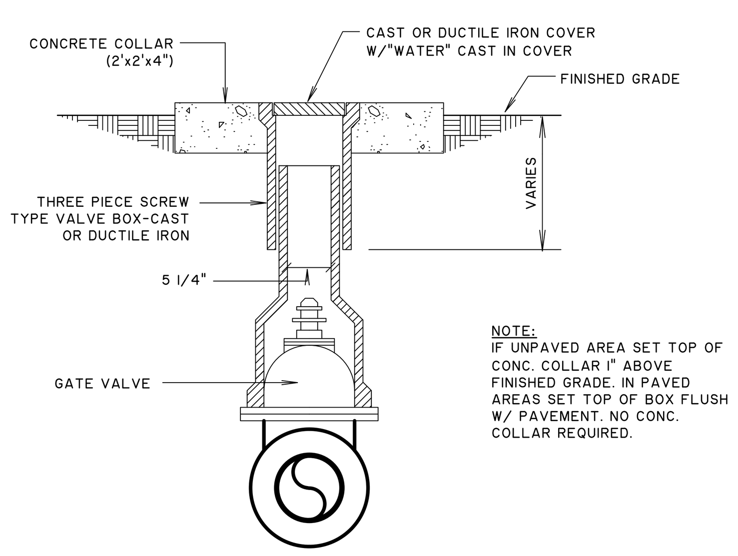
RESTRAINED JOINTS DETAILS

NOT TO SCALE



SERVICE CONNECTION DETAIL

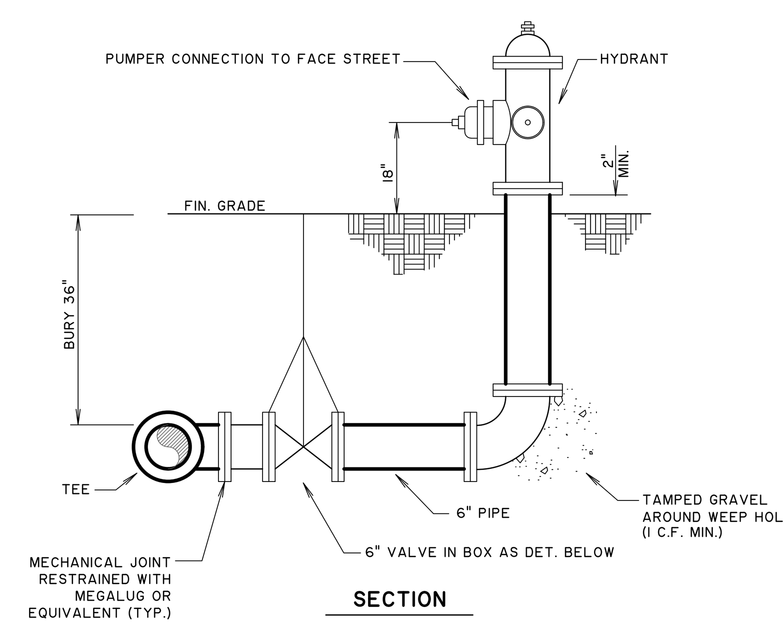
NOT TO SCALE



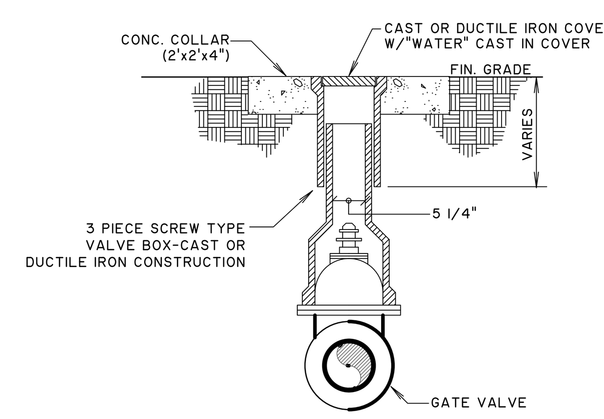
NOTE:
IF UNPAVED AREA SET TOP OF CONC. COLLAR 1" ABOVE FINISHED GRADE. IN PAVED AREAS SET TOP OF BOX FLUSH W/ PAVEMENT. NO CONC. COLLAR REQUIRED.

VALVE BOX DETAIL

NOT TO SCALE



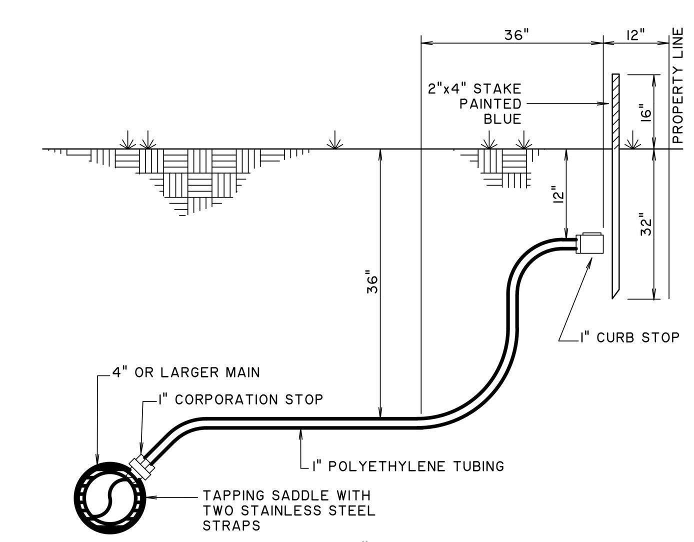
SECTION



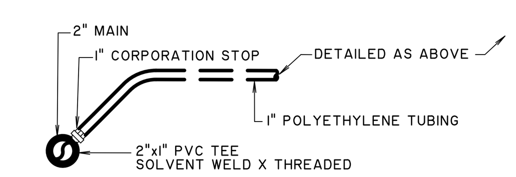
VALVE SECTION

FIRE HYDRANT DETAIL

NOT TO SCALE



CONNECTION TO 4" MAIN OR LARGER

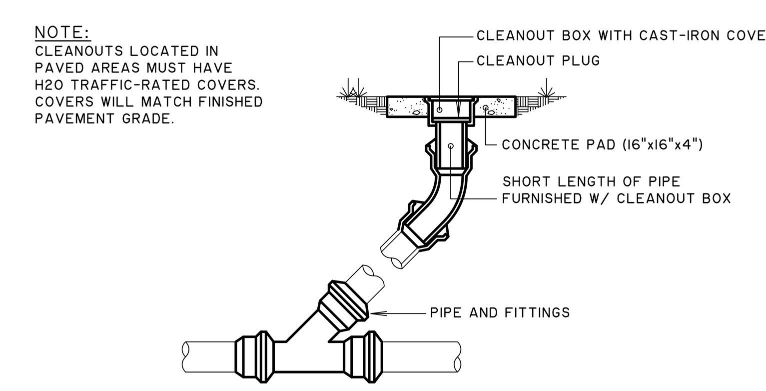


CONNECTION TO 2" MAIN

WATER SERVICE CONNECTION DETAIL

NOT TO SCALE

NOTE:
CLEANOUTS LOCATED IN PAVED AREAS MUST HAVE H2O TRAFFIC-RATED COVERS. COVERS WILL MATCH FINISHED PAVEMENT GRADE.



CLEANOUT DETAIL

NOT TO SCALE

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

SOUTH CAROLINA
THOMAS & HUTTON ENGINEERING CO.
No. C00285
CERTIFICATE OF AUTHORIZATION

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
JBJ

CHECKED BY:
SKM

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#	REVISION	DATE	BY

DATE
6-30-2016

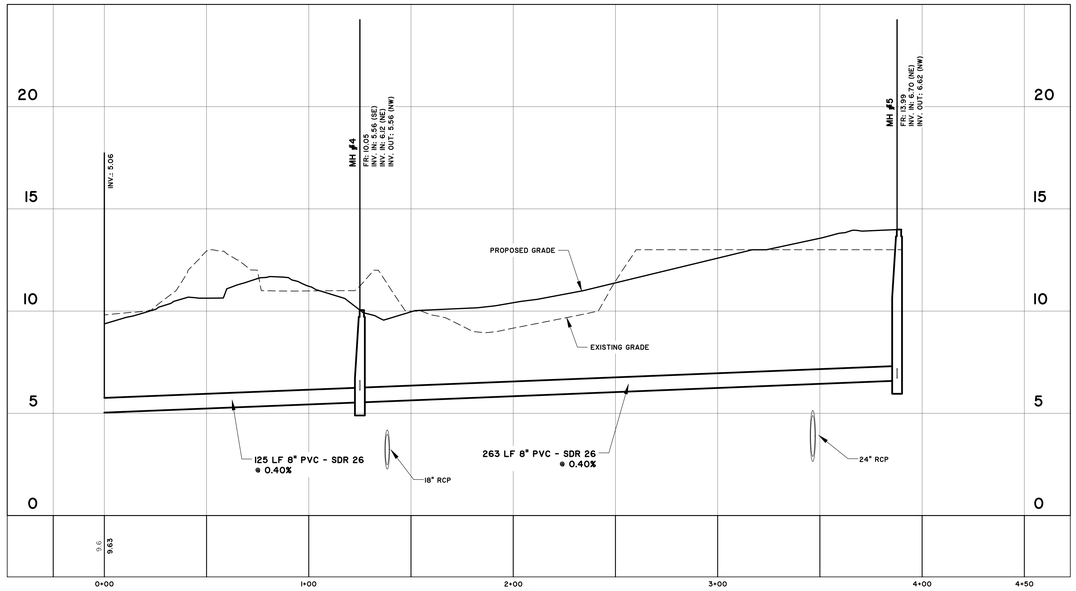
PROJECT NUMBER
01-16002

SHEET TITLE
WATER AND SEWER DETAILS

THOMAS & HUTTON
Engineering | Surveying | Planning | GIS | Consulting
50 Park of Commerce Way
Savannah, GA 31405 • 912.234.5300
www.thomasandhutton.com

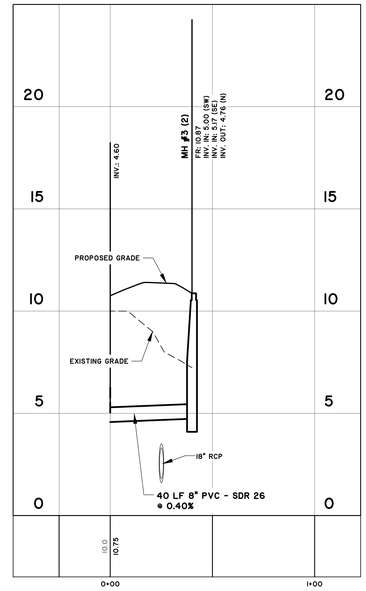
Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER
C2.2



24634.0002 - SEWER - PARK - RUN 1

STATIONS: -0+25 - 4+50
SCALE: HORZ.: 1" = 30'
VERT.: 1" = 3'



24634.0002 - SEWER - PARK - RUN 2

STATIONS: -0+25 - 1+00
SCALE: HORZ.: 1" = 30'
VERT.: 1" = 3'

Z:\24634\24634.0002\engineering\Drawings\construction Plans\24634.0002 - SS-PR.dwg, Friday, July 08, 2016, Printed By: Jenkins, Barry

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

SOUTH CAROLINA
THOMAS & HUTTON ENGINEERING CO.
No. C00285
CERTIFICATE OF AUTHORIZATION

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

SOUTH CAROLINA
No. 24397
6-30-16
SEAN M. SMITH

DRAWN BY:
JBJ

CHECKED BY:
SKM

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#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
SEWER PROFILE

SHEET NUMBER
C2.3

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Engineering | Surveying | Planning | GIS | Consulting
50 Park of Commerce Way
Savannah, GA 31405 • 912.234.5300
www.thomasandhutton.com

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Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6676 ▮ Fax 843.681.7085 ▮ www.woodandpartners.com

SCALE: 1" - 30'-0"

0' 15' 30' 60' 90' 120'

PROPOSED POND
STATIC WATER EL: 3.50
BOTTOM POND EL: -4.50

REINFORCE TURF W/ BIOMAT OR EQUIVALENT

REF. SHEET L2.3 FOR GRADING OF PLAYGROUND AREA

INV: 0.50

INV: 0.46

RESTROOMS
FF: 14.5 (NAVD 88)
FF: 15.52 (NGVD 29)

CHILDRENS MUSEUM
FF: 14.10 (NAVD 88)
FF: 15.02 (NGVD 29)

BANDSHELL /PAVILION
FF: 12.00 (NAVD 88)
FF: 12.92 (NGVD 29)

TREE PROTECTION FENCE

30 LF 18" RCP
● 0.35%

36 LF 24" RCP
● 2.80%

78 LF 24" RCP
● 0.35%

92 LF 24" RCP
● 0.35%

147 LF 18" RCP
● 0.35%

298 LF 24" RCP
● 0.35%

97 LF 18" RCP
● 0.35%

105 LF 18" RCP
● 0.35%

54 LF 15" RCP
● 0.35%

80 LF 18" RCP
● 0.35%

149 LF 15" RCP ● 0.35%

97 LF 18" RCP
● 0.35%

6" PVC ROOF DRAIN

8" PVC ROOF DRAIN

12" PVC ROOF DRAIN

PROJECT "A"

PROJECT "B"

PARK

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Engineering
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CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

DRAWN BY: JDJ
CHECKED BY: SKM

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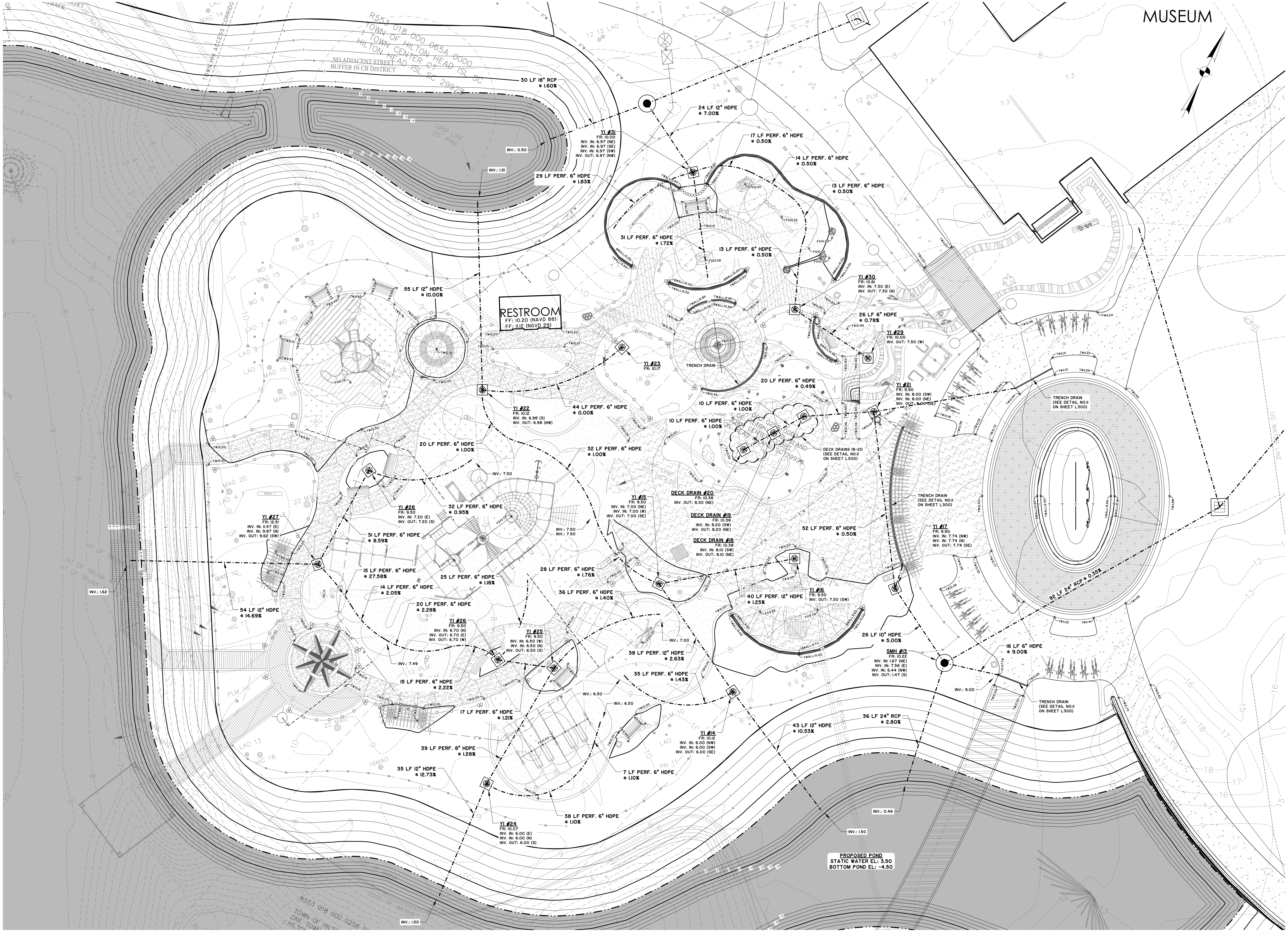
#	REVISION	DATE	BY

DATE 6-30-2016
PROJECT NUMBER 01-16002
SHEET TITLE PAVING, GRADING & DRAINAGE PLAN

SHEET NUMBER C3.1



Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

DRAWN BY: JBJ

CHECKED BY: SKM

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#	REVISION	DATE	BY

DATE 6-30-2016

PROJECT NUMBER 01-16002

SHEET TITLE PAVING, GRADING & DRAINAGE PLAN - PLAYGROUND

SHEET NUMBER C3.2

0' 5' 10' 20' 30' 40'

SCALE: 1" - 10'-0"

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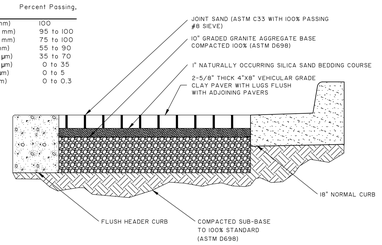
Z:\24634\24634.0002\engineering\Drawings\construction Plans\24634.0002 - PGD-PLAYGROUND.dwg, Friday, July 08, 2016, Printed By: Jenkins, Barry

NOTES:

1. BRICKS SHOULD BE PINE HALL FLASH RED OR EQUIVALENT AND SHALL CONFORM TO ASTM C902. BRICK SHALL BE UNIFORM IN SIZE, MEASURING 4 INCHES IN WIDTH, 8 INCHES IN LENGTH, WITH A DEPTH OF 80 MM. THE BRICK PAVERS SHALL BE LAID IN A HERRINGBONE PATTERN. ANY EXPOSED CONCRETE HEADER CURB MUST BE TINTED PER CITY SPECIFICATIONS.
2. ALL CONSTRUCTION SHALL CONFORM TO ANY APPLICABLE CITY OF SAVANNAH DEVELOPMENT GUIDELINES INCLUDING SECTION 02200 EARTHWORK, SECTION 03300 CAST-IN-PLACE CONCRETE AND SECTION 02605 BRICK ON SAND SIDEWALK TECHNICAL SPECIFICATIONS.
3. ALL WORK DONE IN TREE PROTECTION ZONES SHALL BE DONE BY HAND OR WITH LIGHT EQUIPMENT. DISTURBANCE TO EXISTING ROOTS SHALL BE CLEANLY CUT WITH A SAW AND/OR TRENCHER PRIOR TO EXCAVATION.
4. ADA COMPLIANT WHEELCHAIR RAMPS SHALL BE INSTALLED AT EACH INTERSECTION OR DESIGNATED CROSSWALK LOCATION AND MUST MEET THE MOST CURRENT ADA STANDARDS AND CITY OF SAVANNAH SPECIFICATIONS AT THE TIME OF CONSTRUCTION.
5. PAVEMENT SECTION BASED ON FEWER THAN 1,000,000 ESALS DURING DESIGN LIFE WITH A SUBGRADE CBR GREATER THAN 10
6. PAVEMENT PATTERN SHALL BE HERRINGBONE
7. PAVERS SHALL BE INSTALLED WITH NO GAP BETWEEN LUGS AND ADJOINING PAVERS TO AVOID SHOVING AND CREEP. IF CREEP OCCURS UNDER TRAFFIC LOADING CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING.

BEDDING SAND GRADATION

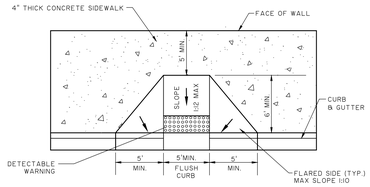
Sieve Size by Weight		Percent Passing
3/8 in.	(9.5 mm)	100
No. 4	(4.75 mm)	95 to 100
No. 8	(2.36 mm)	75 to 100
No.16	(1.18 mm)	55 to 90
No. 30	(600 µm)	35 to 70
No. 50	(300 µm)	0 to 35
No. 100	(150 µm)	0 to 5
No. 200	(75 µm)	0 to 0.3



VEHICULAR CLAY PAVER SECTION

NOT TO SCALE

NOTE TO DESIGNER:
THIS DETAIL ONLY TO BE USED WHEN SIDEWALK IS MINIMUM 15' BEHIND CURB.



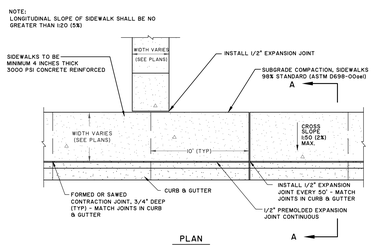
PLAN

NOTES:
1. CONSTRUCTION OF ACCESSIBLE CURB RAMP SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES.
2. TRANSITIONS FROM RAMPS TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES. MAXIMUM SLOPES OF ADJOINING GUTTERS, ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP, OR ACCESSIBLE ROUTE SHALL NOT EXCEED 1:20 (5%)
3. CURB RAMP SHALL HAVE A DETECTABLE WARNING THAT EXTENDS THE FULL WIDTH OF CURB RAMP. SEE DETECTABLE WARNING DETAIL.

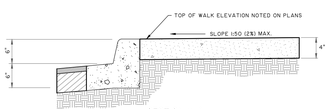
CURB RAMP "TYPE A"

NOT TO SCALE

NOTE;
LONGITUDINAL SLOPE OF SIDEWALK SHALL BE NO GREATER THAN 1:20 (5%)



PLAN

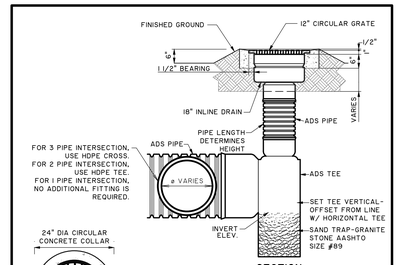


SECTION A-A

NOTES:
1. ALL CONSTRUCTION SHALL CONFORM TO THE TECHNICAL SPECIFICATIONS INCLUDING, BUT NOT LIMITED TO, SECTION 02200 - EARTHWORK AND SECTION 03300 - CAST-IN-PLACE CONCRETE.
2. CONTRACTION JOINTS SHOULD BE FORMED OR SAWED COINCIDENT WITH THE 10' JOINTS IN THE CURB.
3. CURB RAMPS SHALL BE INSTALLED AT EACH INTERSECTION OR DESIGNATED CROSSWALK LOCATION AND MUST MEET THE MOST CURRENT ADA STANDARDS AND SPECIFICATIONS AT THE TIME OF CONSTRUCTION.
4. ON ACCESSIBLE ROUTES WHERE SIDEWALK IS LESS THAN 5' WIDE, PASSING SPACES AT LEAST 5'X5' SHALL BE LOCATED AT REASONABLE INTERVALS NOT TO EXCEED 200'.

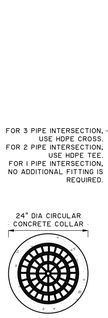
ACCESSIBLE SIDEWALK DETAIL

NOT TO SCALE



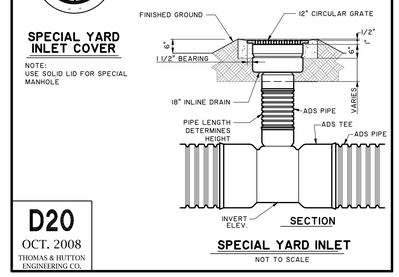
SPECIAL YARD INLET END OF LINE SCENARIO

NOT TO SCALE



SPECIAL YARD INLET COVER

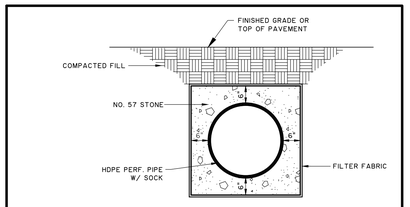
NOTE:
USE SOLID LID FOR SPECIAL MANHOLE



SPECIAL YARD INLET

NOT TO SCALE

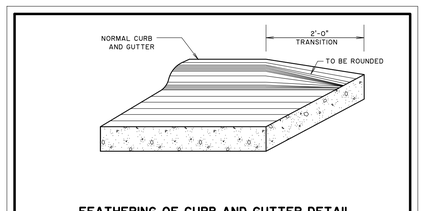
D20
OCT. 2008
THOMAS & HUTTON ENGINEERING CO.



PERFORATED PIPE W/ SOCK DETAIL

NOT TO SCALE

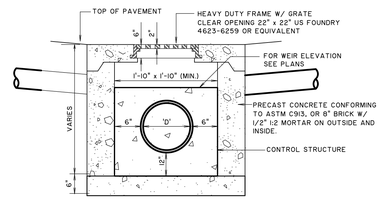
D27
OCT. 2008
THOMAS & HUTTON ENGINEERING CO.



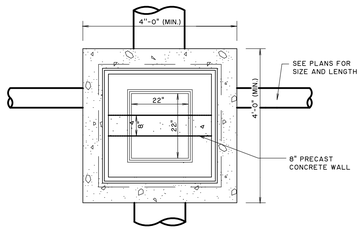
FEATHERING OF CURB AND GUTTER DETAIL

NOT TO SCALE

P22
OCT. 2008
THOMAS & HUTTON ENGINEERING CO.



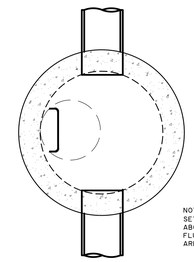
SECTION



PLAN

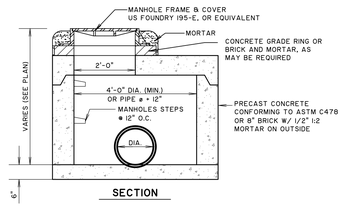
STANDARD INLET - GRATE TYPE

NOT TO SCALE



NOTE:
SET TOPS OF MANHOLES 2" ABOVE NATURAL GROUND OR FLUSH WITH PAVING IN TRAFFIC AREAS.

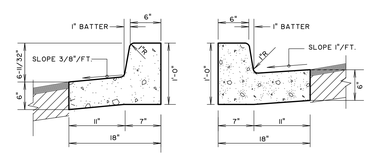
PLAN



SECTION

STORM MANHOLE

NOT TO SCALE

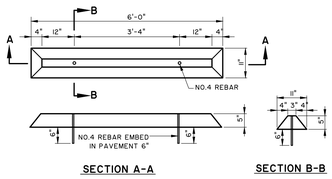


PITCH CURB NORMAL CURB

NOTES:
1. ALL CONCRETE SHALL BE 3,000 PSI.
2. PROVIDE CONTROL JOINTS EVERY TEN FEET (10').
3. PROVIDE EXPANSION JOINTS EVERY FIFTY FEET (50).
4. PROVIDE EXPANSION JOINT WHERE CURB ABUTS SIDEWALKS, OR OTHER STRUCTURES.
5. PROVIDE LIGHT BROOM FINISH.

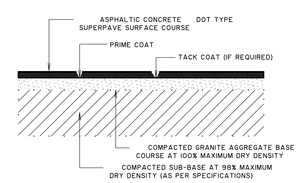
18" STANDARD CURB & GUTTER

NOT TO SCALE



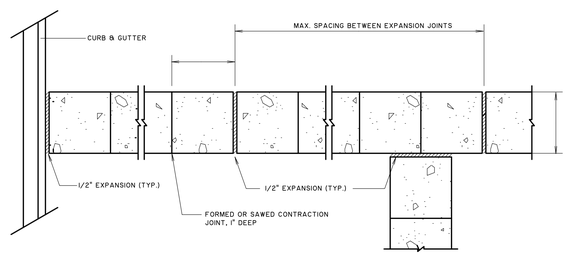
CONCRETE WHEEL STOP DETAIL

NOT TO SCALE



REGULAR PAVEMENT SECTION

NOT TO SCALE



WALKWAY DETAILS

NOT TO SCALE

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

95% CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

SOUTH CAROLINA — THOMAS & HUTTON ENGINEERING CO. No. COA0285 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — No. 25369 — 6-30-16 — BRIAN M. SMITH

DRAWN BY: JBJ
CHECKED BY: SKM

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#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
PAVING, GRADING & DRAINAGE DETAILS

SHEET NUMBER
C3.3

THOMAS & HUTTON
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www.thomasandhutton.com

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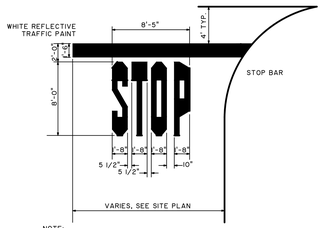
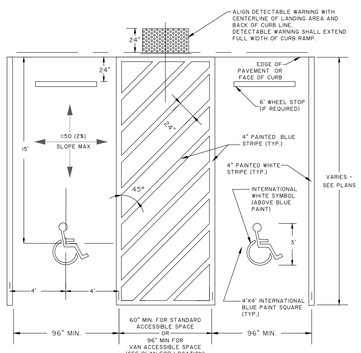


NOTE:
ALL TRAFFIC MARKINGS TO BE SOLID WHITE REFLECTIVE TRAFFIC PAINT AS PER DIMENSIONS ABOVE

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

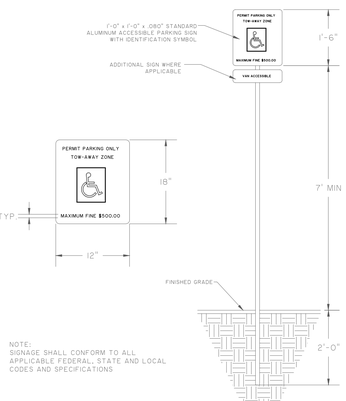


NOTES:

1. STRIPING AND CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND SPECIFICATIONS.
2. 2% MAXIMUM SLOPE IN ALL DIRECTIONS WITHIN ACCESSIBLE PARKING SPACE AND ACCESS AISLE.
3. ONE IN EVERY 8 ACCESSIBLE SPACES SHALL BE SERVED BY AN 8' WIDE ACCESS AISLE AND SHALL BE DESIGNATED "VAN ACCESSIBLE".

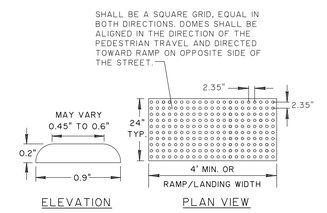
ACCESSIBLE PARKING SPACE STRIPING DETAIL

NOT TO SCALE



ACCESSIBLE PARKING SIGN DETAIL

NOT TO SCALE

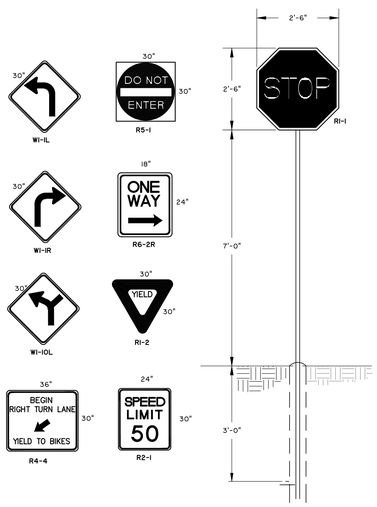


NOTE:

1. DETECTABLE WARNING SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES, A HEIGHT OF NOMINAL 0.2 INCHES AND A CENTER TO CENTER SPACING OF NOMINAL 2.35 INCHES AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES. THE WARNING AREA SHALL BE CHOCOLATE BROWN IN COLOR OR OTHER COLOR AS SPECIFIED BY THE TOWN OF HHI. THE COLOR USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.

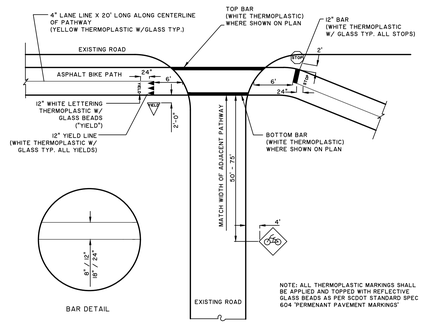
DETECTABLE WARNING DETAIL

NOT TO SCALE



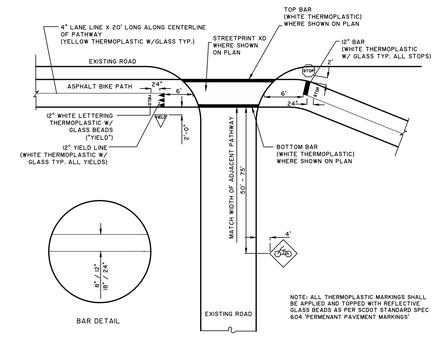
ROAD SIGN DETAILS

NOT TO SCALE



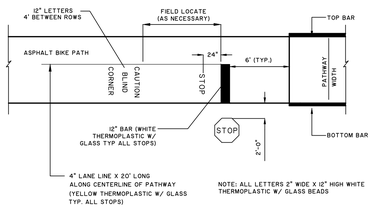
STRIPING AT DRIVEWAY CROSSING

NOT TO SCALE



STRIPING AT ROADWAY CROSSING

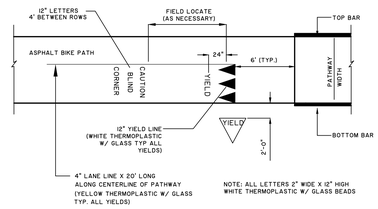
NOT TO SCALE



NOTE: ALL THERMOPLASTIC MARKINGS SHALL BE APPLIED AND TOPPED WITH REFLECTIVE GLASS BEADS AS PER SCDOT STANDARD SPEC 604 'PERMENANT PAVEMENT MARKINGS'

SIGNAGE - STOP GRAPHIC DETAIL

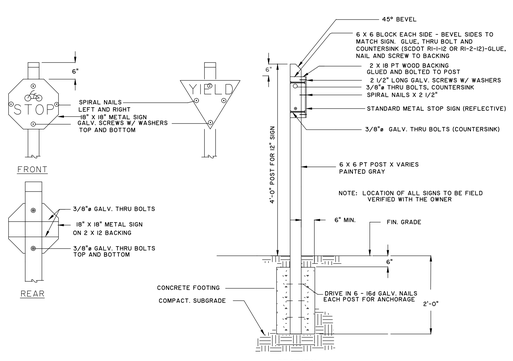
NOT TO SCALE



NOTE: ALL THERMOPLASTIC MARKINGS SHALL BE APPLIED AND TOPPED WITH REFLECTIVE GLASS BEADS AS PER SCDOT STANDARD SPEC 604 'PERMENANT PAVEMENT MARKINGS'

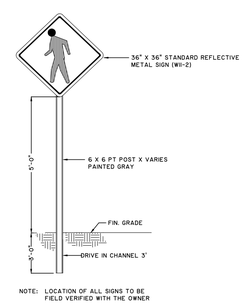
SIGNAGE - YIELD GRAPHIC DETAIL

NOT TO SCALE



SIGNAGE -STOP/YIELD 18"

NOT TO SCALE



SIGNAGE - VEHICULAR TRAFFIC WARNING SIGN

NOT TO SCALE

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

SOUTH CAROLINA REGISTERED THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED No. 25737 30-16 JOHN M. SMITH

DRAWN BY: JBJ
CHECKED BY: SKM

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#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
PAVING GRADING & DRAINAGE DETAILS

SHEET NUMBER
C3.4

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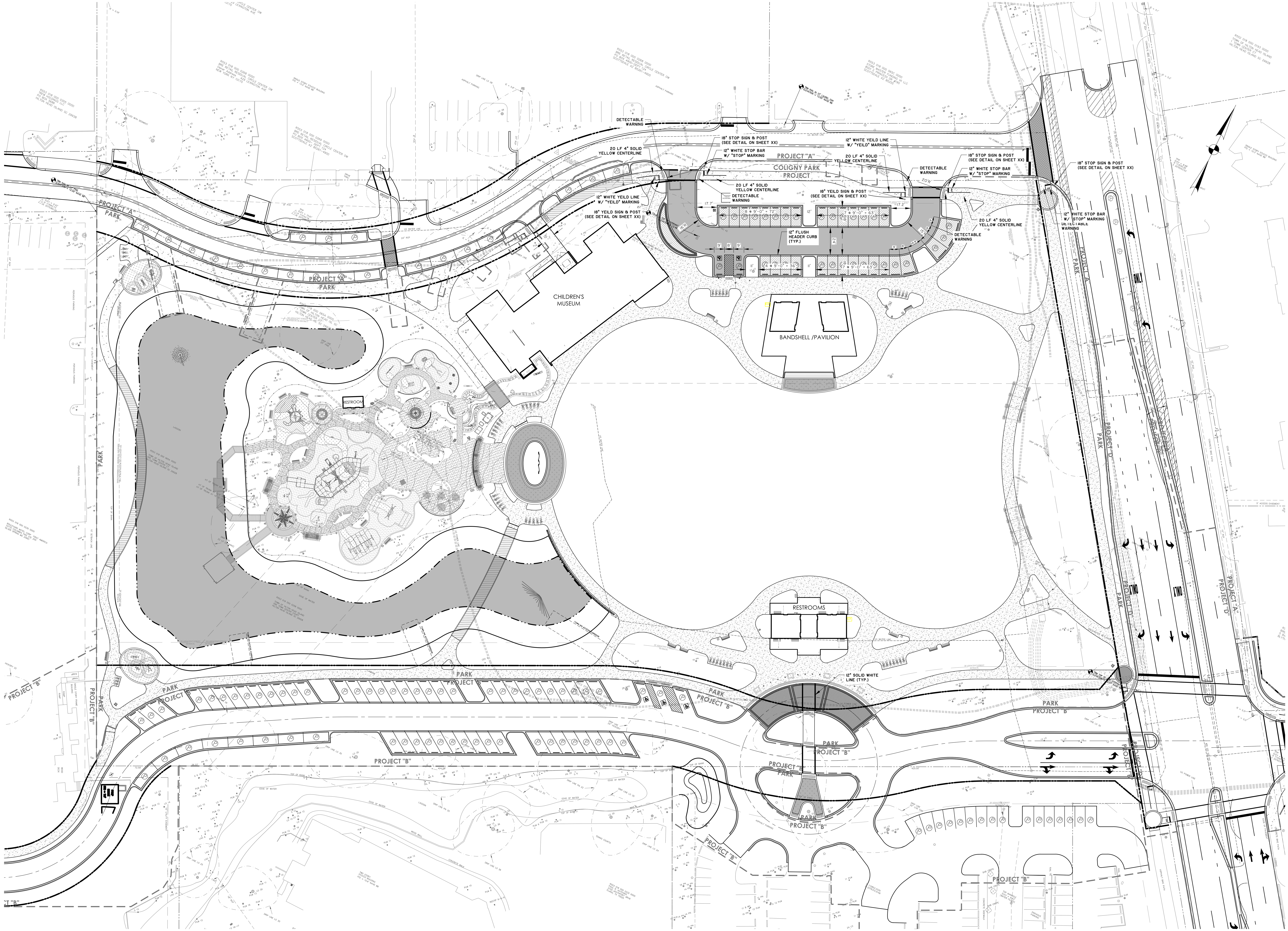

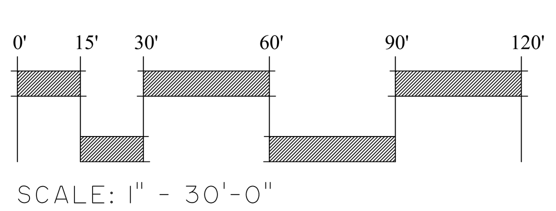

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Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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JBJ

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#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
STAKING & SIGNAGE PLAN

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SHEET NUMBER
C4.1

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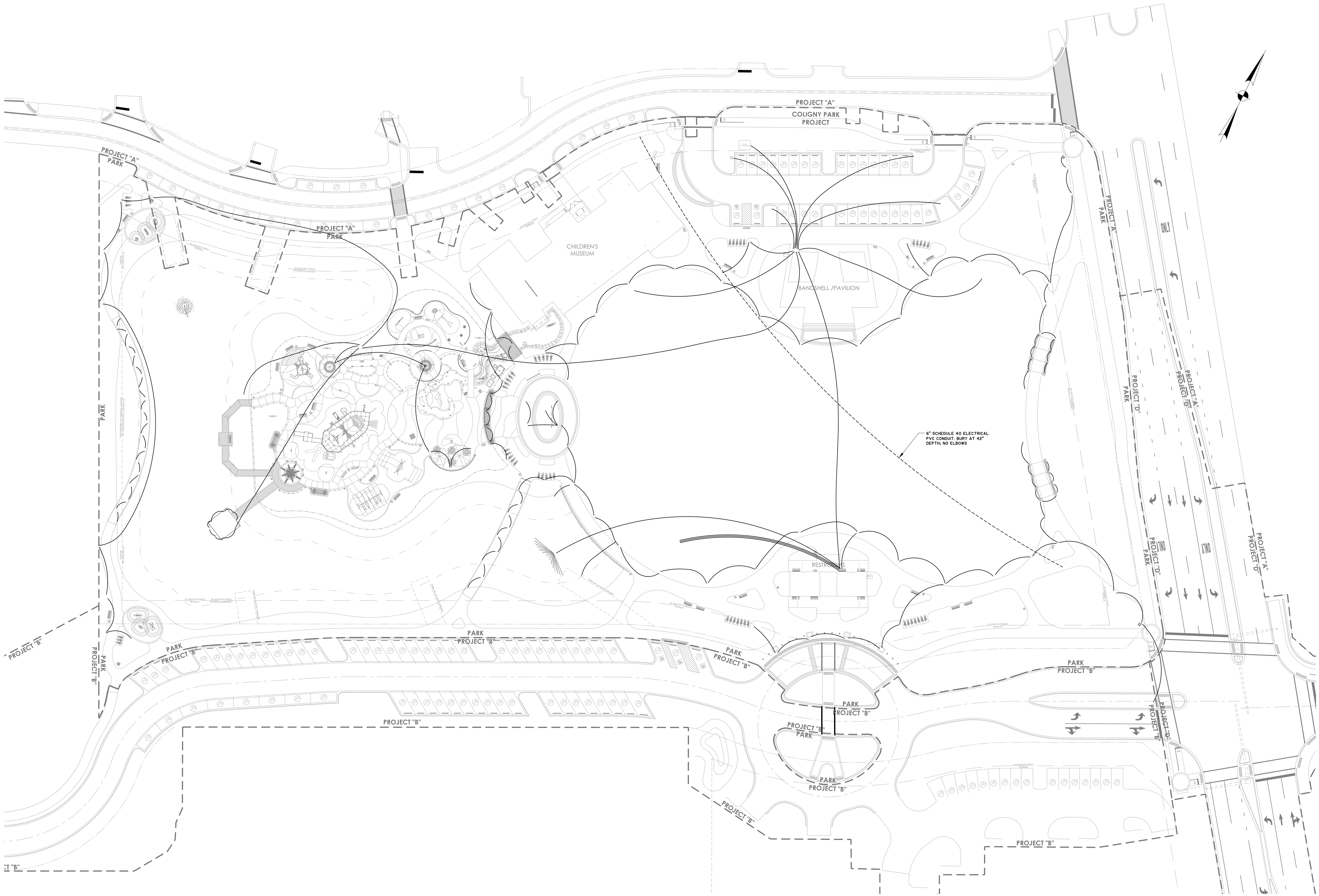

0' 15' 30' 60' 90' 120'

SCALE: 1" = 30'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
CONDUIT PLAN

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SHEET NUMBER
C5.1

SCALE: 1" - 30'-0"

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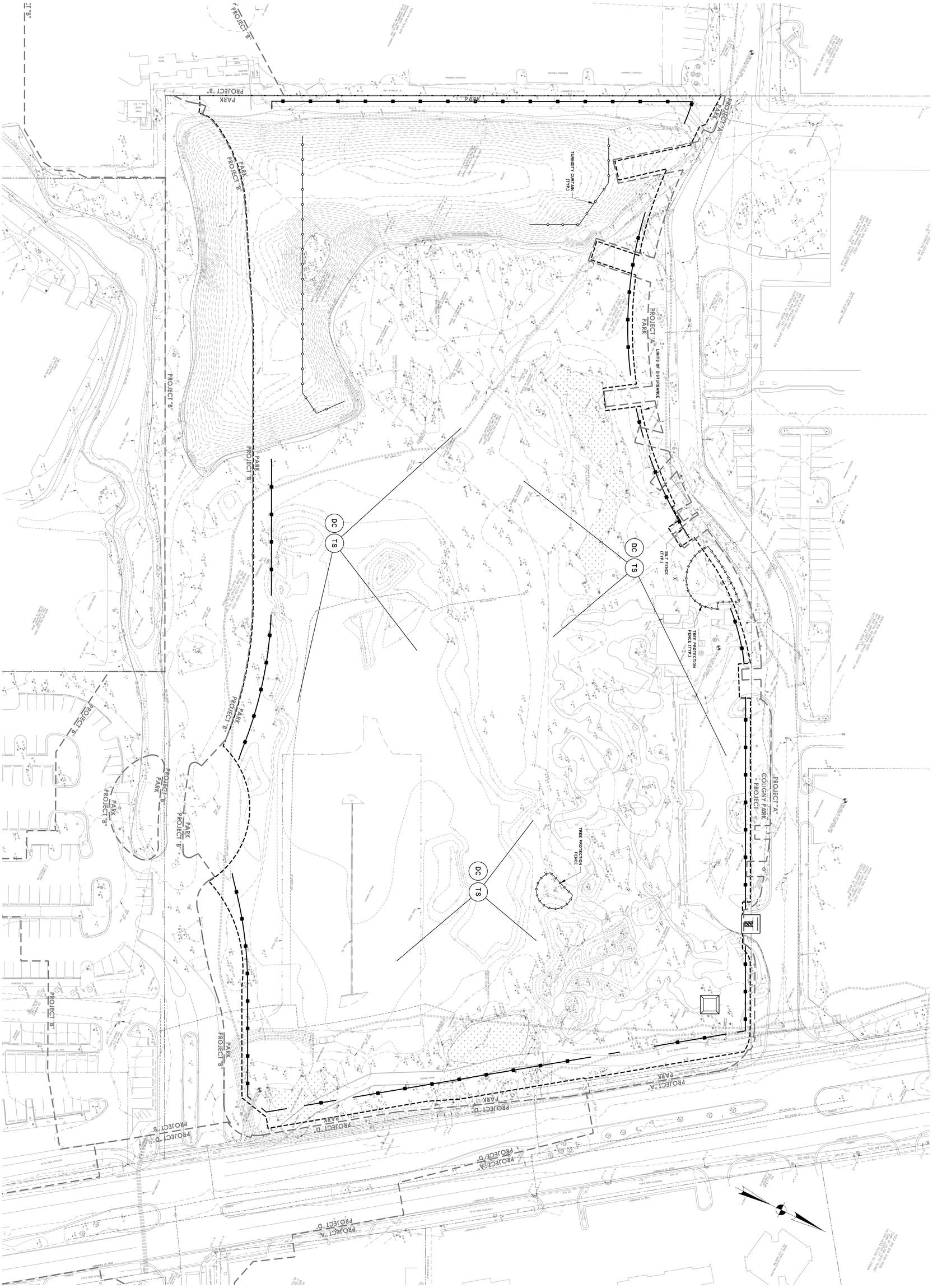

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SHEET NUMBER
EC.1

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
SWPP-INITIAL

#	REVISION	DATE	BY

DRAWN BY:
JJ
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SKM

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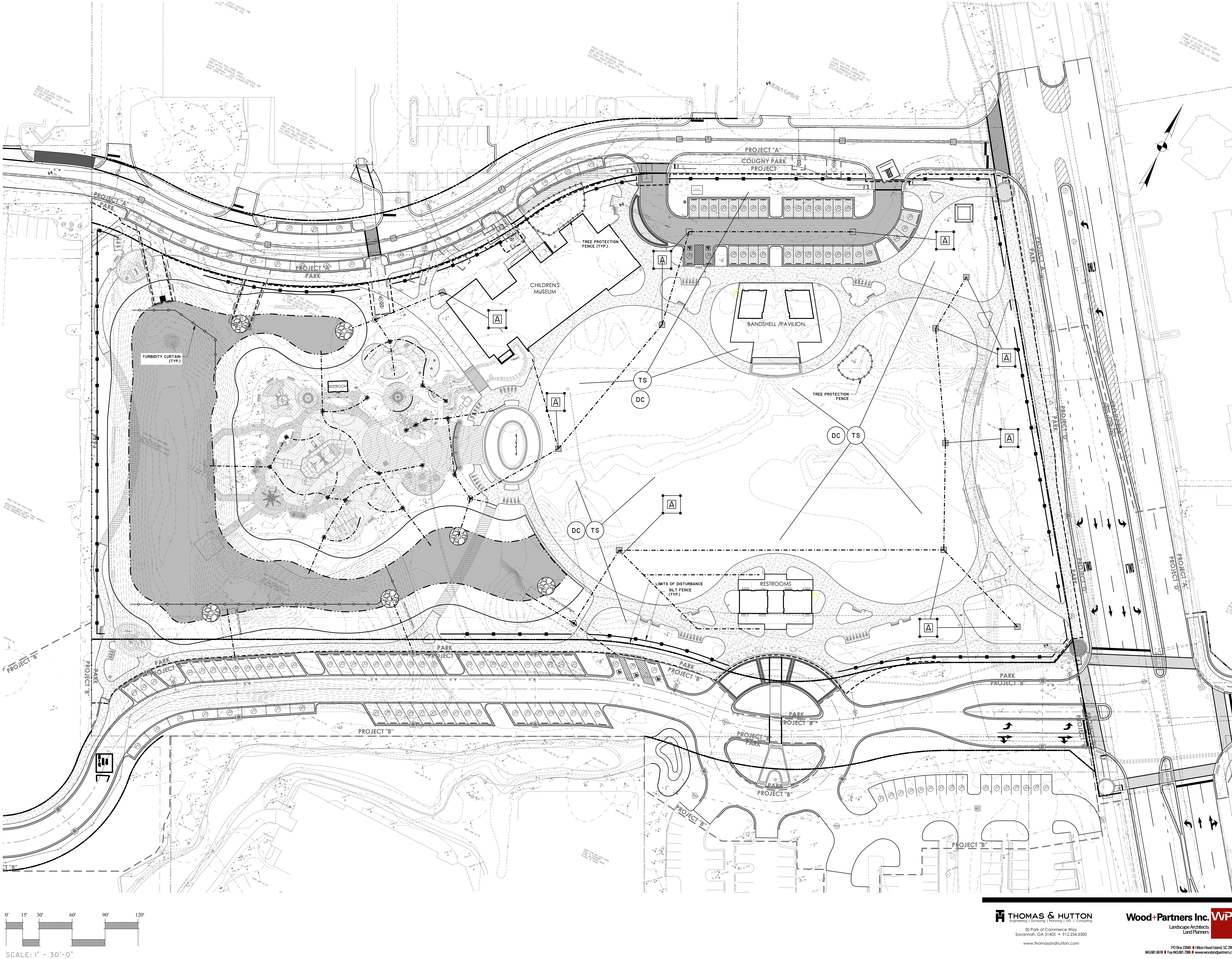
CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928



Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
JBJ

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#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
SWPP-CONSTRUCTION

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SHEET NUMBER
EC.2

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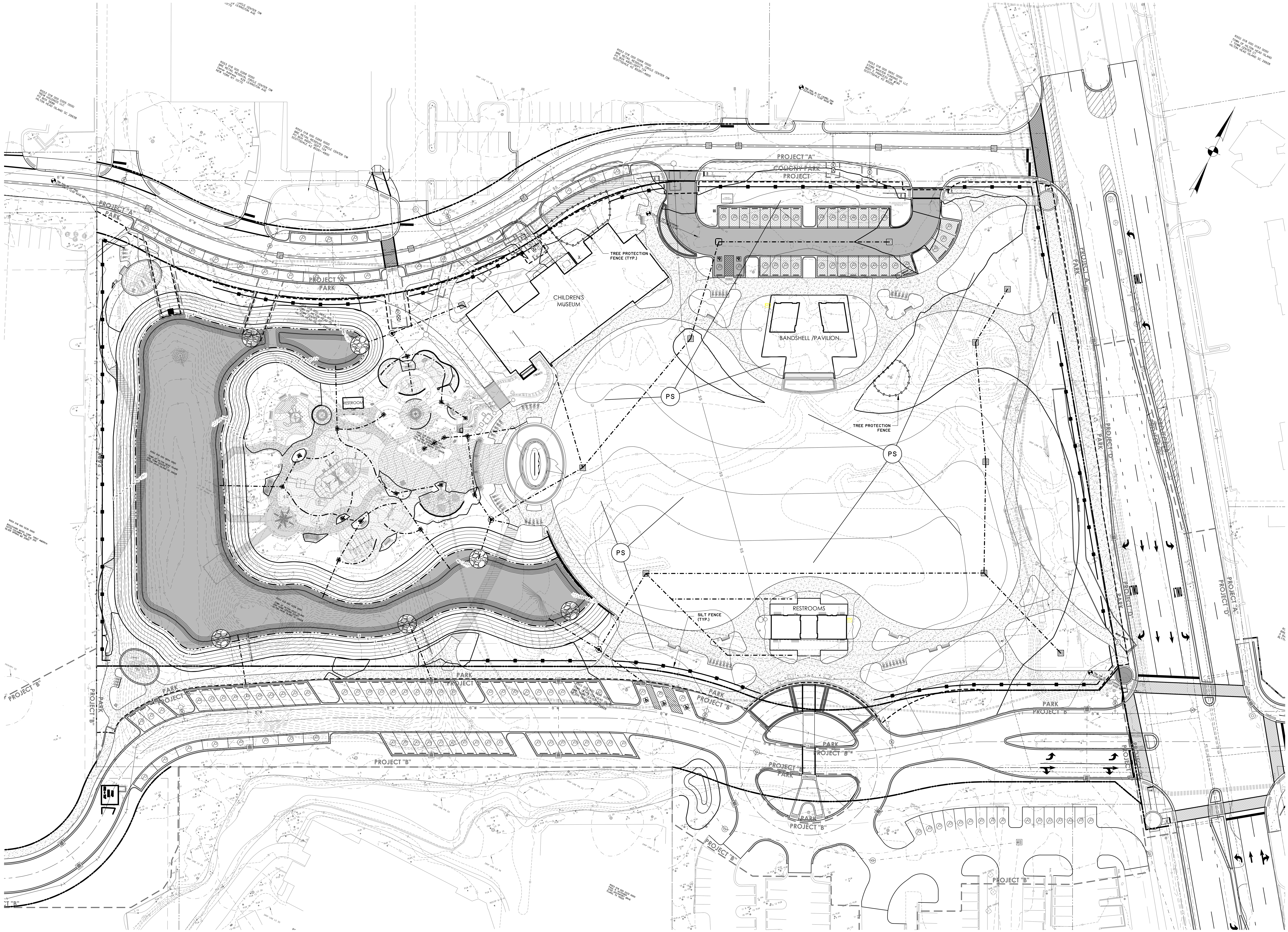

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
SWPP-STABILIZATION

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SHEET NUMBER
EC.3

I. SITE DESCRIPTION

A. PROJECT DESCRIPTION

A.1.	PROJECT AREA	7.8 ACRES
A.2.	AREA DISTURBED	7.8 ACRES
A.3.	PERCENT IMPERVIOUS AREA BEFORE CONSTRUCTION	90 %
A.4.	RUNOFF COEFFICIENT BEFORE CONSTRUCTION	68 CN
A.5.	PERCENT IMPERVIOUS AREA AFTER CONSTRUCTION	74 %
A.6.	RUNOFF COEFFICIENT AFTER CONSTRUCTION	89 CN

B. DESCRIPTION OF CONSTRUCTION ACTIVITY

WORK CONSISTS OF DEMOLITION, EXCAVATION, GRADING, UTILITIES, BUILDINGS, PAVING, AND LANDSCAPING.

C. RUNOFF DATA

C.1.	SOIL CLASSIFICATIONS:	(HSG) FRIPP (A)
C.2.	LAND USE(S):	PUBLIC PARK

D. RECEIVING WATERS

D.1.	CLOSEST RECEIVING WATERS:	WETLANDS OF SEA PINES FOREST PRESERVE
D.2.	ULTIMATE RECEIVING WATERS:	CALIBOGUE SOUND

E. FLOOD

E.1.	FEMA FLOOD ZONE(S):	ZONE A7 (EL. 14)
E.2.	FEMA FLOOD INSURANCE MAP(S):	450250-0013-D LAST REV. SEPTEMBER 29, 1986

II. CONTROL MEASURES

1. EROSION AND SEDIMENT CONTROLS

PRIOR TO START OF CONSTRUCTION, ALL EXTERIOR SILT FENCE WILL BE INSTALLED AS SHOWN ON THE PLANS.

1.1. CLEARING

1.1.1. AS CLEARING IS COMPLETED, ADDITIONAL SILT FENCE WILL BE INSTALLED WHERE NECESSARY, SUCH AS POINTS WHERE FLOWS BECOME CHANNELIZED, AND OTHER POINTS WHERE EXCESSIVE RUNOFF VELOCITIES MAY OCCUR.
1.1.2. INSTALL CONSTRUCTION ENTRANCES / EXITS BEFORE BEGINNING CLEARING
1.1.3. CONSTRUCTION DELAYS IN ANY ONE AREA GREATER THAN 14 DAYS PRIOR TO START OF ROUGH GRADING WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.
1.1.4. MAINTAIN EXISTING VEGETATION WHENEVER POSSIBLE AND MINIMIZE THE AREA OF DISTURBANCE. RETAIN AND PROTECT TREES TO ENHANCE FUTURE LANDSCAPING EFFORTS AND REDUCE RAINDROP IMPACT.
1.1.5. INSTALL ALL SEDIMENT CONTROL PRACTICES PRIOR TO ANY UP-SLOPE SOIL DISTURBING ACTIVITIES.
1.1.6. PHASE CONSTRUCTION ACTIVITIES TO MINIMIZE THE AREAS DISTURBED AT ONE TIME. THIS WILL ALSO ALLOW COMPLETED AREAS TO BE STABILIZED AND RE-VEGETATED BEFORE DISTURBING ADJACENT SITES. THE NEED FOR TEMPORARY EROSION CONTROL MEASURES MAY BE AVOIDED BY COMPLETING A PHASE AND INSTALLING PERMANENT EROSION CONTROL MEASURES WHEN THE FINAL GRADE IS ATTAINED.
1.1.7. MAINTAIN AND PROTECT ALL NATURAL WATERWAYS. RETAIN AT LEAST A 35-FOOT UNDISTURBED BUFFER OF NATURAL VEGETATION ALONG ALL WATERWAYS TO FILTER OUT SEDIMENT AND OTHER POLLUTANTS. MAINTAIN A 45-FOOT UNDISTURBED BUFFER AROUND SENSITIVE WATERS.
1.1.8. INSTALL SILT FENCE (OR BIO ROLLS/ROCK SOCK PRODUCTS) ON THE DOWN-SLOPE PERIMETER OF ALL DISTURBED AREAS PRIOR TO ANY SOIL DISTURBING ACTIVITIES (INCLUDING CLEARING AND GRUBBING). SILT FENCE CAN TREAT A MAXIMUM OF 100 SQUARE FEET PER LINEAL FOOT OF FENCE. INSTALL SILT FENCE IN SHORTER REACHES ON THE CONTOUR WITH EACH END TURNED UP-SLOPE . SWALES AND SHORELAND AREAS SHOULD ALSO BE PROTECTED WITH SILT FENCE, BIO ROLLS, OR ROCK SOCKS.
1.1.9. IN AREAS OF CONCENTRATED FLOW INSTALL STRAW BALE CHECKS, ROCK CHECK DAMS, TRIANGULAR DIKES, BIO ROLL BLANKETS, OR ROCK SOCKS TO SLOW RUNOFF AND TRAP SEDIMENT.

1.1.10. USE TEMPORARY SLOPE DRAINS OR ROCK CHUTES TO MOVE WATER DOWN STEEP SLOPES.

1.1.11. CONSTRUCT SEDIMENT BASINS FOR DRAINAGE AREAS GREATER THAN 10 ACRES

1.2. ROUGH GRADING

1.2.1. ALL EXISTING CONTROLS WILL BE MAINTAINED DURING ROUGH GRADING, DELAYS OF GREATER THAN 14 DAYS PRIOR TO START OF NEXT ACTIVITY WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.
1.2.2. ALL AREAS NOT SUBJECT TO FURTHER CONSTRUCTION (DRAINAGE, SANITARY SEWER, ROADS, WATER DISTRIBUTION SYSTEMS, OR STORM WATER FACILITIES) SHALL BE GRASSED WITH A PERMANENT COVER.
1.2.3. COVER ANY STOCK PILED TOPSOIL WITH PLASTIC (OR OTHER IMPERVIOUS COVERING) OR USE A TEMPORARY SEED MIX. USE STOCKPILED TOPSOIL AS EARTHEN BERMS TO SERVE AS TEMPORARY SEDIMENT BASINS.

1.3. DRAINAGE

1.3.1. ALL EXISTING CONTROLS WILL BE MAINTAINED DURING DRAINAGE INSTALLATION.
1.3.2. CONSTRUCTION DRAINAGE WILL BE ROUTED THROUGH LAKES, WHICH WILL ACT AS SEDIMENT BASINS OR OTHER ACCEPTABLE SEDIMENT BASINS/TRAPS.
1.3.3. STORM DRAIN INLET PROTECTION AS SHOWN ON DETAIL SHEET SHALL BE INSTALLED ON ALL CURB INLETS, STORM DRAIN MANHOLES, JUNCTION BOXES, AND GRATE INLETS.
1.3.4. DELAYS OF GREATER THAN 14 DAYS PRIOR TO START OF THE NEXT CONSTRUCTION SEQUENCE WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.
1.3.5. ALL STORM LINES NOT IN STREETS OR OTHER PAVED AREAS ARE TO BE MULCHED AND SEEDED WITHIN 5 DAYS AFTER BACKFILL.

1.4. WASTE DISTRIBUTION SYSTEM INSTALLATION

1.4.1. ALL EXISTING CONTROLS WILL BE MAINTAINED DURING INSTALLATION OF THE WATER DISTRIBUTION SYSTEM.
1.4.2. DELAYS OF GREATER THAN 14 DAYS PRIOR TO START OF NEXT ACTIVITY WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.

1.5. WASTEWATER COLLECTION SYSTEM INSTALLATION

1.5.1. ALL EXISTING CONTROLS WILL BE MAINTAINED DURING INSTALLATION OF THE WASTEWATER SYSTEM.
1.5.2. DELAYS OF GREATER THAN 14 DAYS PRIOR TO START OF NEXT ACTIVITY WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.

1.6. CONSTRUCTION OF ROADS

1.6.1. ALL EXISTING CONTROLS WILL BE MAINTAINED DURING ROAD CONSTRUCTION.
1.6.2. DELAYS OF GREATER THAN 14 DAYS PRIOR TO START OF NEXT ACTIVITY WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.

1.7. GRASSING

1.7.1. ALL EXISTING CONTROLS WILL BE MAINTAINED UNTIL GRASSING IS ESTABLISHED
1.7.2. ANY AREAS THAT ERODE OR WHERE GRASS DOES NOT ESTABLISH ITSELF SHALL BE RE-GRADED AND RE-GRASSED.

2. STORM WATER MANAGEMENT

RUNOFF FROM THIS PROJECT WILL DISCHARGE INTO A STORM WATER MANAGEMENT SYSTEM. TREATMENT WILL OCCUR IN STORM WATER DETENTION PONDS.

3. OTHER CONTROLS

3.1. WASTE DISPOSAL

3.1.1. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED TO ANY RECEIVING WATERS.
3.1.2. OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED.
3.1.3. THIS PLAN SHALL COMPLY WITH STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.
3.1.4. DUST CONTROL ON DISTURBED AREAS - CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITE AND HAUL ROUTES. THE PURPOSE OF THE MEASURE IS TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES, WHICH MAY BE HARMFUL OR INJURIOUS TO HUMAN HEALTH, WELFARE OR SAFETY, OR TO ANIMALS OR PLANT LIFE.

III. MAINTENANCE

1. MAINTENANCE PROGRAM

1.1. THE SITE SUPERINTENDENT, OR HIS/HER REPRESENTATIVE, SHALL MAKE VISUAL INSPECTIONS OF ALL MECHANICAL CONTROLS AND NEWLY STABILIZED AREAS (I.E. SEEDED AND MULCHED AND/OR SODDED AREAS) ON A DAILY BASIS; ESPECIALLY AFTER HEAVY RAINFALL EVENT TO INSURE THAT ALL CONTROLS ARE MAINTAINED AND PROPERLY FUNCTIONING. ANY DAMAGED CONTROLS SHALL BE REPAIRED PRIOR TO THE END OF THE WORK DAY INCLUDING RE-SEEDING AND MULCHING OR RE-SODDING IF NECESSARY.

1.2. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE. ALL DRAINAGE SWALES, POCKETS, DEPRESSION, LOW LINES, AND OUTLET DITCHES SHALL DRAIN EFFECTIVELY AT ALL TIMES. SETTLEMENT OR WASHING THAT MAY OCCUR SHALL BE REPAIRED BY THE CONTRACTOR. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT REACHES 1/3 THE HEIGHT OF THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN AN EFFECTIVE BARRIER. MAINTAIN THE CONSTRUCTION EXIT IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TACKED ONTO PUBLIC ROADWAYS. RESEED AND MULCH AREA WHERE SEEDING EMERGENCE IS POOR, OR WHERE EROSION OCCURS. PROTECT FROM TRAFFIC AS MUCH AS POSSIBLE. INSPECT ALL MULCHES PERIODICALLY, AND AFTER RAINSTORMS TO CHECK FOR EROSION, DISLOCATION OR FAILURE. IF WASHOUT OCCURS, REPAIR THE SLOPE GRADE, RESEED AND REINSTALL MULCH. FOLLOW THE CONSTRUCTION SEQUENCE THROUGHOUT THE PROJECT DEVELOPMENT. WHEN CHANGES IN CONSTRUCTION ACTIVITIES ARE NEEDED, AMEND THE SEQUENCE SCHEDULE IN ADVANCE TO MAINTAIN MANAGEMENT CONTROL. IF MAJOR CHANGES ARE NECESSARY, SEND A COPY OF THE MODIFIED SCHEDULE TO THE ENGINEER, SEDIMENT AND EROSION CONTROL MEASURES WILL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE DISTURBED AREAS ARE STABILIZED.

2. SILT FENCE

SILT FENCES WILL BE MONITORED DURING CONSTRUCTION. ANY SILT FENCE WHICH IS NOT FUNCTIONING PROPERLY WILL BE PROMPTLY REPAIRED. CLEAN OUT THE SILT FENCE WHEN IT REACHES 1/3 THE HEIGHT OF THE FENCE OR REPLACE WITH FUNCTIONAL SILT FENCE WITHIN 24 HOURS. USE OF HOSES AND WATER TO FLUSH THE SEDIMENT INTO THE STORM INLETS IS UNACCEPTABLE.

3. SEDIMENTATION BASINS

SEDIMENTATION BASINS WHICH ARE AT 50% USED CAPACITY OR APPROACHING SUCH CAPACITY SHALL BE RE-EXCAVATED TO ORIGINAL DIMENSIONS AND THE SILT PROPERLY DISPOSED OF.

4. SEDIMENT LOGS/ROLLS

SEDIMENT LOGS/ROLLS OR OTHER CONTROL MEASURES WHICH BEGIN TO DISINTEGRATE OR FUNCTION INEFFECTIVELY SHALL BE PROMPTLY REPLACED.

5. VEGETATION COVER

ANY VEGETATION COVER SERVING TO STABILIZE DISTURBED SOILS WHICH IS ITSELF DISTURBED SHALL IMMEDIATELY BE REPLACED.

6. CONSTRUCTION ENTRANCE

MAINTAIN ROCK CONSTRUCTION ENTRANCE AND CLEAN ADJACENT ROADS OF ANY MUD TRACKED ONTO THEM.

IV. INSPECTIONS

1. QUALIFIED PERSONNEL WILL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS. WHERE SITES HAVE BEEN FINALLY STABILIZED SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH DURING THE WARRANTY PERIOD.

2. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.

3. A WRITTEN REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION ACTIVITY) INCLUDING A BEST ESTIMATE OF THE BEGINNING OF EACH STORM EVENT, DURATION OF EACH STORM EVENT, APPROXIMATE AMOUNT OF RAINFALL FOR EACH STORM EVENT (IN INCHES) AND WHETHER ANY DISCHARGES OCCURRED, LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE, LOCATION(S) OF BMP'S THAT NEED MAINTENANCE, LOCATION(S) OF BMP'S THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION, LOCATION(S) WHERE ADDITIONAL BMP'S ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION AND ANY CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO SWPPP NECESSARY AND IMPLEMENTATION DATES.

4. THE REPORT SHALL BE MAINTAINED AT LEAST THREE YEARS FROM THE DATE THE SITE IS FINALLY STABILIZED. THE REPORT MUST BE SIGNED AND SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN AND THE NPDES PERMIT REFERENCED ABOVE. THE CONTRACTOR SHALL MAINTAIN THIS REPORT. THE REPORT SHALL BE SUBMITTED TO THE ENGINEER AND OWNER.

V. LONG TERM MAINTENANCE OF DRAINAGE AND STORM WATER MANAGEMENT SYSTEM

THE ROADS AND DRAINAGE SYSTEM WILL BE OWNED AND MAINTAINED BY THE TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA AFTER CONSTRUCTION IS COMPLETE.

VI. SC DHEC STANDARD NOTES

1. IF NECESSARY, SLOPES WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO GRASSING / HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.

2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW:

2.1. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
2.2. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.

3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF SITE INSPECTIONS IDENTIFY BMP'S THAT ARE DAMAGED OR ARE NOT OPERATING EFFECTIVELY, MAINTENANCE MUST BE PERFORMED AS SOON AS PRACTICAL OR AS REASONABLY POSSIBLE BEFORE THE NEXT STORM EVENT WHENEVER PRACTICAL.

4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED INTO ANY WATERS OF THE STATE.

5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.

6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO THE PAVED ROADWAY FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT AS MAY BE REQUIRED.

7. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 AND SCR100000.

8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.

9. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN NOT BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS

10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.

11. A COPY OF THE SWPPP, INSPECTION RECORDS AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.

12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.

13. MINIMIZE SOIL COMPACTION IN AREAS NOT UNDER PAVEMENTS AND /OR STRUCTURES AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.

14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUAL OR BETTER TREATMENT PRIOR TO DISCHARGE.

15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).

16. THE FOLLOWING DISCHARGES ARE PROHIBITED:

16.1. WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
16.2. WASTEWATER FROM WASHOUT AND CLEANOUT OF OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
16.3. FUELS, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
16.4. SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.

17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.

18. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF PERMIT SCR100000 AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.

19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE, THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

VII. EROSION, SEDIMENTATION & POLLUTION CONTROL NOTES

1. THE IMPLEMENTATION OF THESE EROSION SEDIMENT CONTROL (ESC) PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.

2. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.

3. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.

4. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.

5. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A MAJOR STORM EVENT.

6. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING AND PRIOR TO FINAL INSPECTION. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.

7. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.

8. BEFORE COMMENCING ANY LAND DISTURBING ACTIVITY, THE EXISTING STORM WATER INLET(S) THAT RECEIVING RUNOFF FROM THE PROPOSED WORK AREA SHALL BE PROTECTED. THE TEMPORARY INLET PROTECTION MUST REMAIN IN PLACE UNTIL THE CONSTRUCTION ACTIVITY IS COMPLETED, THE STREET HAS BEEN SWEPT AND ANY EXPOSED SOILS ARE STABILIZED. THE CONTRACTOR IS ALSO RESPONSIBLE FOR REMOVING ANY TEMPORARY INLET PROTECTION INSTALLED; AFTER ALL DISTURBED AREAS ARE STABILIZED. TEMPORARY PROTECTION OF THE INLETS MAY BE ACCOMPLISHED BY ONE OR MORE OF THE FOLLOWING:

8.1. USE OF GRAVEL BAGS TO FILTER THE SEDIMENT FROM ANY RUNOFF. TO MAKE A GRAVEL BAG, USE A BAG MADE OF GEOTEXTILE FABRIC (NOT BURLAP) AND FILL WITH EITHER 3/4 INCH ROCK OR 1/4 INCH PEA GRAVEL.
8.2. USE OF SEDIMENT LOGS TO FILTER THE SEDIMENT FROM ANY RUNOFF (AVAILABLE THROUGH LOCAL EROSION CONTROL SUPPLIERS).
8.3. USE OF ABOVE OR UNDER-GRATE FILTER BAGS OR DEVICES TO FILTER THE SEDIMENT FROM ANY RUNOFF (AVAILABLE THROUGH EROSION CONTROL SUPPLIERS).

9. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION, SEDIMENTATION, OR FLOODING ON THE SITE, ON DOWNSTREAM PROPERTIES, IN THE RECEIVING CHANNELS, OR IN ANY STORM WATER INLET. WHEN SITE DEWATERING, WATER PUMPED FROM THE SITE, INCLUDING TRENCHES, SHALL BE TREATED BY ONE OF THE FOLLOWING:

9.1. TEMPORARY SEDIMENTATION BASINS
9.2. SEDIMENT FILTERING BAGS

10. THE CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF ALL EXISTING UTILITIES. EXISTING UTILITIES ARE ALL UTILITIES THAT EXIST ON THE PROJECT IN AN ORIGINAL, RELOCATED OR NEWLY INSTALLED POSITION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE COST OF REPAIRS TO DAMAGED UNDERGROUND OR OVERHEAD FACILITIES, EVEN IF THE UTILITY IS NOT SHOWN ON THE SITE DEVELOPMENT PLANS. THE CONTRACTOR SHALL CONTACT THE LOCAL UTILITIES PROTECTION CENTER TO COORDINATE THE MARKING OF EXISTING UTILITY LINES A MINIMUM OF 96 HOURS PRIOR TO COMMENCEMENT OF ANY WORK.

11. THE CONTRACTOR SHALL FLUSH ALL INLETS AND PIPE AT THE COMPLETION OF CONSTRUCTION TO REMOVE SILT AND DEBRIS. THE CLEANING AND FLUSHING OF INLETS AND PIPE (EXISTING AND PROPOSED) SHALL BE CONSIDERED PART OF THE COST FOR THE PROJECT.

12. EGRESS FROM THE SITE SHALL BE CONTROLLED SUCH THAT VEHICLES LEAVING THE SITE MUST TRAVERSE CONSTRUCTION EXITS TO REMOVE MUD FROM TIRES.

13. SCHEDULE CONSTRUCTION ACTIVITIES TO MINIMIZE THE EXPOSED AREA AND DURATION OF EXPOSURE. IN SCHEDULING, TAKE INTO ACCOUNT THE SEASON AND THE WEATHER FORECAST.

14. EROSION CONTROL MEASURES ARE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL PROVIDE ADDITIONAL CONTROL MEASURES AS DICTATED BY ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION IN ORDER TO PREVENT EROSION AND CONTROL SEDIMENT. EROSION AND SEDIMENT CONTROL MEASURES WILL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE ENTIRE PROJECT IS TERMINATED OR SUSPENDED FOR AND INDEFINITE LENGTH OF TIME, ALL DISTURBED AREAS SHALL BE PLANTED WITH PERMANENT VEGETATION.

15. THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS, OR IN ANY WAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, IS BASED UPON FIELD INVESTIGATIONS AND IS BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME IS SHOWN AS INFORMATION ONLY, IS NOT GUARANTEED AND DOES NOT BIND THOMAS & HUTTON, OR THE OWNER IN ANY WAY.

16. CONTRACTOR SHALL MAINTAIN SITE ON A DAILY BASIS TO PROVIDE FOR POSITIVE DRAINAGE. CONTRACTOR, AT HIS COST, SHALL GRADE SITE AND PROVIDE NECESSARY TEMPORARY DRAINAGE SWALES TO INSURE STORM WATER DOES NOT POND ON SITE.

17. SITE DRAINAGE SHALL BE ESTABLISHED TO PREVENT ANY PONDED WATER CONDITIONS WITHIN THE CONSTRUCTION AREA AND TO FACILITATE STORM WATER DISCHARGE.

18. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

19. LIME RATES AND ANALYSIS:

19.1. AGRICULTURAL LIME SHALL BE APPLIED AT THE RATE SHOWN IN THE SEEDING SECTION UNLESS SOIL TESTS INDICATE OTHERWISE. GRADED AREAS REQUIRE LIME APPLICATION. IF LIME IS APPLIED WITHIN SIX MONTHS OF PLANTING PERMANENT PERENNIAL VEGETATION, ADDITIONAL LIME IS NOT REQUIRED. AGRICULTURAL LIME APPLICATION SHALL BE WITHIN THE SPECIFICATIONS OF THE SOUTH CAROLINA DEPARTMENT OF AGRICULTURE.

20. MULCHING:

MULCHING IS REQUIRED FOR ALL PERMANENT VEGETATION APPLICATIONS. MULCH APPLIED TO SEEDED AREAS SHALL ACHIEVE 75% SOIL COVER. SELECT THE MULCHING MATERIAL FROM THE FOLLOWING AND APPLY AS INDICATED:

20.1. DRY STRAW OR DRY HAY OF GOOD QUALITY AND FREE OF WEED SEEDS CAN BE USED. DRY STRAW SHALL BE APPLIED AT THE RATE OF TWO TONS PER ACRE. DRY HAY SHALL BE APPLIED AT THE RATE OF 2 1/2 TONS PER ACRE.
20.2. WOOD CELLULOSE MULCH OR WOOD PULP FIBER SHALL BE USED WITH HYDRAULIC SEEDING. IT SHALL BE APPLIED AT A RATE OF 500 POUNDS PER ACRE. DRY STRAW OR DRY HAY SHALL BE APPLIED (AT THE RATE INDICATED ABOVE) AFTER HYDRAULIC SEEDING.
20.3. ONE THOUSAND POUNDS OF WOOD CELLULOSE OR WOOD PULP FIBER, WHICH INCLUDES A TACKIFIER, SHALL BE USED WITH HYDRAULIC SEEDING ON SLOPES 3/4:1 OR STEEPER.
20.4. SERICEA LESPEDEZA HAY CONTAINING MATURE SEED SHALL BE APPLIED AT A RATE OF 3 TONS PER ACRE.
20.5. PINE STRAW OR PINE BARK SHALL BE APPLIED AT A THICKNESS OF 3 INCHES FOR BEDDING PURPOSES. OTHER SUITABLE MATERIALS IN SUFFICIENT QUANTITY MAY BE USED WHERE ORNAMENTALS OR OTHER GROUND COVERS ARE PLANTED. THIS IS NOT APPROPRIATE FOR SEEDED AREAS.
20.6. WHEN USING TEMPORARY EROSION CONTROL BLANKETS OR BLACK SOD, MULCH IS NOT REQUIRED.
20.7. ON SLOPES GREATER THAN 10 FEET IN LENGTH AND 4:1 OR STEEPER, USE THE FOLLOWING EROSION CONTROL BLANKETS THAT HAVE BEEN PROPERLY ANCHORED TO THE SLOPE ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS:

- 2:1 SLOPES OR STEEPER: - STRAW/COCONUT BLANKET OR HIGH VELOCITY WOOD BLANKET
- 3:1 SLOPES OR STEEPER: - WOOD OR STRAW BLANKET WITH NET ON BOTH SIDES
- 4:1 SLOPES OR FLATTER: - WOOD OR STRAW MULCH BLANKET WITH NET ON ONE SIDE

VIII. HOUSEKEEPING

THESE PERFORMANCE STANDARDS APPLY TO ALL SITES.

1. PETROLEUM PRODUCTS: INCLUDING OIL, GASOLINE, LUBRICANTS AND ASPHALTIC SUBSTANCES.

1.1. HAVE EQUIPMENT TO CONTAIN AND CLEAN UP PETROLEUM SPILLS IN FUEL STORAGE AREAS OR ON MAINTENANCE AND FUELING VEHICLES
1.2. STORE IN COVERED AREAS PROTECTED WITH DIKES

2. SPILLS: PREVENTION AND RESPONSE.

2.1. STORE AND HANDLE MATERIALS TO PREVENT SPILLS
2.2. TIGHTLY SEALED CONTAINERS, NEAT AND SECURE STACKING, ETC.
2.3. REDUCE STORM WATER CONTACT IF SPILL OCCURS
2.3.1. CLEANUP PROCEDURES SHOULD BE CLEARLY POSTED.
2.3.2. CLEANUP MATERIALS SHOULD BE READILY AVAILABLE
2.3.3. STOP THE SOURCE
2.3.4. CONTAIN THE SPILL

3. NON-STORM WATER DISCHARGES

THE FOLLOWING NON-STORMWATER DISCHARGES MUST BE PROTECTED FROM CAUSING POLLUTION OR EROSION:

3.1. DISCHARGES FROM FIRE-FIGHTING ACTIVITIES
3.2. FIRE HYDRANT FLUSHINGS
3.3. WATERS USED TO WASH VEHICLES WHERE DETERGENTS ARE NOT USED
3.4. WATER USED TO CONTROL DUST
3.5. POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS
3.6. ROUTINE EXTERNAL BUILDING WASH DOWN THAT DOES NOT USE DETERGENTS
3.7. PAVEMENT WASH WATERS WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILLED MATERIAL HAS BEEN REMOVED) AND WHERE DETERGENTS ARE NOT USED
3.8. UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE
3.9. UNCONTAMINATED GROUND WATER OR SPRING WATER
3.10. FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS
3.11. UNCONTAMINATED EXCAVATION DEWATERING
3.12. LANDSCAPE IRRIGATION
3.13. DECHLORINATED SWIMMING POOL DISCHARGES.

4. CONSTRUCTION WASTES: DEMOLITION RUBBLE, PACKAGING MATERIALS, SCRAP BUILDING SUPPLIES, ETC.

4.1. SELECT A DESIGNATED WASTE COLLECTION AREA
4.2. PROVIDE LIDS FOR WASTE CONTAINERS
4.3. WHEN POSSIBLE LOCATE CONTAINERS IN COVERED AREA
4.4. MAINTAIN CONSISTENT REMOVAL SCHEDULE FOR WASTE

5. PESTICIDES: REDUCE THE AMOUNT OF PESTICIDES AVAILABLE FOR CONTACT WITH STORM WATER.

5.1. STORE IN A DRY COVERED AREA
5.2. INSTALL CURBS OR DIKES AROUND STORAGE AREA TO PROTECT AGAINST SPILLS
5.3. STRICTLY FOLLOW RECOMMENDED APPLICATION RATES

6. FERTILIZERS AND DETERGENTS: REDUCE THE AMOUNT OF FERTILIZERS AND DETERGENTS AVAILABLE FOR CONTACT WITH STORM WATER.

6.1. LIMIT APPLICATION OF FERTILIZERS TO THE MINIMUM NEEDED
6.2. APPLY MORE FREQUENTLY BUT AT LOWER APPLICATION RATES
6.3. LIMIT USE OF DETERGENTS ON-SITE
6.4. DO NOT DISCHARGE WASH WATER INTO STORM WATER SYSTEM
6.5. MAINTAIN STRUCTURAL AND VEGETATIVE BMP'S
6.6. APPLY ACCORDING TO SOIL TEST RECOMMENDATIONS PRIOR TO SEEDING.

IX. GRASSING NOTES

1. SOD:

ALL SOD SHALL BE NURSERY GROWN AS CLASSIFIED IN THE ASPS GSS. MACHINE CUT SOD AT A UNIFORM THICKENS OF 3/4" WITHIN A TOLERANCE OF 1/4", EXCLUDING TOP GROWTH AND THATCH. EACH INDIVIDUAL SOD PIECE SHALL BE STRONG ENOUGH TO SUPPORT ITS OWN WEIGHT WHEN LIFTED BY THE ENDS. BROKEN PODS, IRREGULARLY SHAPED PIECES, AND TORN OR UNEVEN ENDS WILL BE REJECTED. WOOD PEGS AND / OR WIRE STAPLES SHALL REPLACE SOD WITH AN EQUAL SOD COMPOSITION AS THAT WHICH IS EXISTING. IF NO SOD TYPE EXIST. THEN THE FOLLOWING SOD COMPOSITION SHALL BE USED.

2. SODDING SCHEDULE:

LAY SOD FROM MAY 1 TO SEPTEMBER 15 FOR SPRING PLANTING AND FROM SEPTEMBER 15 TO NOVEMBER 1 FOR FALL PLANTING.

3. SEED:

ALL SEED SHALL CONFORM TO ALL STATE LAWS AND TO ALL REQUIREMENTS AND REGULATIONS OF THE SOUTH CAROLINA DEPARTMENT OF AGRICULTURE. THE SEVERAL VARIETIES OF SEED SHALL BE INDIVIDUALLY PACKAGED OR BAGGED, AND TAGGED TO SHOW NAME OF SEED, NET WEIGHT, ORIGIN, GERMINATION, LOT NUMBER, AND OTHER INFORMATION REQUIRED BY THE DEPARTMENT OF AGRICULTURE.

3.1. PENNISETUM GLAUCIUM (BROWNTOP MILLET): TESTING 98 PERCENT PURITY AND 85 PERCENT GERMINATION.
3.2. BERMUDA COMMON: TESTING 98 PERCENT PURITY AND 85 PERCENT GERMINATION.
3.3. DOMESTIC ITALIAN RYE: TESTING 98 PERCENT PURITY AND 90 PERCENT GERMINATION.

4. MISCELLANEOUS:

4.1. PERMANENT SEEDING SHALL COVER ALL DISTURBED AREA NOT TO BE COVERED BY LANDSCAPE PLANTING BEDS, STRUCTURE, OR PAVEMENT.
4.2. SEED ALL DISTURBED AREAS WITHIN SEVEN DAYS OF FINAL GRADING AND TEMPORARY SEED/MULCH ALL AREAS THAT WILL BE LEFT INACTIVE FOR MORE THAN FOURTEEN (14) DAYS.
4.3. ALL PERMANENT GRASS PLANTINGS SHALL BE MULCHED
4.4. CENTIPEDE SOD CAN BE USED AS PERMANENT COVER ANYTIME EXCEPT JUNE THRU OCTOBER
4.5. IF GRASSING OCCURS DURING A MONTH REQUIRING TEMPORARY COVER, THE CONTRACTOR SHALL APPLY PERMANENT COVER (IN ADDITION TO THE TEMPORARY COVER) AT THE APPROPRIATE TIME AT NO NO ADDITIONAL COST. THE CONTRACTOR MUST ACHIEVE A STRAND OF PERMANENT GRASS WITH AT LEAST 95% COVER. BARE SPOTS CAN NOT BE MORE THAN 1 INCH SQUARE IN ANY 10 SF.

X. PERMANENT STABILIZATION

NEWLY SEEDED OR SODDED AREAS MUST BE PROTECTED FROM VEHICLE TRAFFIC,EXCESSIVE PEDESTRIAN TRAFFIC, AND CONCENTRATED RUNOFF UNTIL THE VEGETATION IS WELL ESTABLISHED. IF NECESSARY, AREAS MUST BE RE-WORKED AND RE-STABILIZED IF GERMINATION IS SPARSE, PLANT COVERAGE IS SPOTTY ,OR TOPSOIL EROSION IS EVIDENT. ONE OR MORE OF THE FOLLOWING MAY APPLY TO THE SITE.

4.1. SEEDED AREAS

FOR SEEDED AREAS, PERMANENT STABILIZATION MEANS A 90% COVER OF THE DISTURBED AREA WITH MATURE, HEALTHY PLANTS WITH NO EVIDENCE OF WASHING OR RILLING OF THE TOPSOIL.

4.2. SODDED AREAS

FOR SODDED AREAS, PERMANENT STABILIZATION MEANS THE COMPLETE BINDING OF THE SOD ROOTS INTO THE APPROVED MULCH MATERIAL.

4.3. PERMANENT MULCH

FOR MULCHED AREAS, PERMANENT MULCHING MEANS TOTAL COVERAGE OF THE EXPOSED AREA WITH AN APPROVED MULCH MATERIAL.

4.4. RIPRAP

FOR AREAS STABILIZED WITH RIPRAP, PERMANENT STABILIZATION MEANS THAT SLOPES STABILIZED WITH RIPRAP HAVE AN APPROPRIATE BACKING OF AN APPROVED GEOTEXTILE TO PREVENT SOIL MOVEMENT FROM BEHIND THE RIPRAP.

4.5. DITCHES, CHANNELS, AND SWALES

FOR OPEN CHANNELS, PERMANENT STABILIZATION MEANS THE CHANNEL IS STABILIZED WITH MATURE VEGETATION AT LEAST THREE INCHES IN HEIGHT, WITH WELL-GRADED RIPRAP LINING, OR WITH ANOTHER NON-EROSIVE LINING CAPABLE OF WITHSTANDING THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHOUT RELIANCE ON CHECK DAMS TO SLOW FLOW. THERE MUST BE NO EVIDENCE OF SLUMPING OF THE LINING, UNDERCUTTING OF THE BANKS, OR DOWN CUTTING OF THE CHANNEL.

XI. FERTILIZER REQUIREMENTS

1. TEMPORARY SEEDING FERTILIZER

APPLY A MINIMUM OF 500 LBS PER ACRE OF A COMPLETE 10-10-10 FERTILIZER (11.5 POUNDS PER 1000 SQUARE FEET) OR EQUIVALENT DURING TEMPORARY SEEDING OF GRASSES UNLESS A SOIL TEST INDICATES A DIFFERENT REQUIREMENT. INCORPORATE FERTILIZER AND LIME (IF USED) INTO THE TOP 4-6 INCHES OF THE SOIL BY DISKING OR OTHER MEANS WHERE CONDITIONS ALLOW. LIME IS NOT REQUIRED FOR TEMPORARY SEEDING UNLESS A SOIL TEST SHOWS THAT THE SOIL PH IS BELOW 5.0. IT IS DESIRABLE TO APPLY LIME DURING THE TEMPORARY SEEDING OPERATION TO BENEFIT THE LONG-TERM PERMANENT SEEDING. APPLY A MINIMUM OF 1.5 TONS OF LIME / ACRE (70LBS. / 1000 SQ. FT.).

2. PERMANENT SEEDING FERTILIZER

APPLY A MINIMUM OF 1000 LBS PER ACRE OF A COMPLETE 10-10-10 FERTILIZER (23 POUNDS PER 1000 SQUARE FEET) OR EQUIVALENT DURING PERMANENT SEEDING OF GRADES UNLESS A SOIL TEST INDICATES A DIFFERENT REQUIREMENT. INCORPORATE FERTILIZER AND LIME (IF USED) INTO THE TOP 4-6 INCHES OF THE SOIL BY DISKING OR OTHER MEANS WHERE CONDITIONS ALLOW. DO NOT MIX THE LIME AND THE FERTILIZER PRIOR TO THE FIELD APPLICATION. UNLESS A SPECIFIC SOIL TEST INDICATES OTHERWISE, APPLY 1 & 1/2 TONS OF GROUND COARSE TEXTURED AGRICULTURAL LIMESTONE PER ACRE (70 LBS. / 1000 SQ.FT.).

XII. SWPP PREPARER CERTIFICATION

I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 OF THE CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

SOUTH CAROLINA
THOMAS & HUTTON ENGINEERING CO.
No. C00285
CERTIFICATE OF AUTHORIZATION

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: JBJ
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#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
SWPP-NOTES & SCHEDULES

THOMAS & HUTTON
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SHEET NUMBER
EC.4

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STORMWATER POLLUTION PREVENTION PLAN

TEMPORARY SEEDING - COASTAL

SPECIES	LBS/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SANDY, DROUGHTY SITES													
BROWNTOP MILLET	40												
RYE, GRAIN	56												
RYEGRASS	50												
WELL DRAINED, CLAYEY/LOAMEY SITES													
BROWNTOP MILLET	40												
JAPANESE MILLET	40												
RYE, GRAIN	56												
OATS	75												
RYEGRASS	50												

PERMANENT SEEDING - COASTAL

SPECIES	LBS/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SANDY, DROUGHTY SITES													
BROWNTOP MILLET	10												
BAHIAGRASS	40												
BROWNTOP MILLET	10												
BAHIAGRASS	30												
SERICEA LESPEDEZA	40												
BROWNTOP MILLET	10												
ATLANTIC COASTAL	15												
PANICGRASS	PLS												
BROWNTOP MILLET	10												
SWITCHGRASS	8												
(ALAMO)	PLS												
LITTLE BLUESTEM	4												
SERICEA LESPEDEZA	20												
BROWNTOP MILLET	10												
WEEPING LOVEGRASS	8												
WELL DRAINED, CLAYEY/LOAMEY SITES													
BROWNTOP MILLET	10												
BAHIAGRASS	40												
RYE, GRAIN	10												
BAHIAGRASS	40												
CLOVER, CRIMSON (ANNUAL)	5												
BROWNTOP MILLET	10												
BAHIAGRASS	30												
SERICEA LESPEDEZA	40												
BROWNTOP MILLET	10												
BERMUDA, COMMON	10												
SERICEA LESPEDEZA	40												
BROWNTOP MILLET	10												
BERMUDA, COMMON	12												
KOBE LESPEDEZA (ANNUAL)	10												
BROWNTOP MILLET	10												
BAHIAGRASS	20												
BERMUDA, COMMON	6												
SERICEA LESPEDEZA	40												
BROWNTOP MILLET	10												
SWITCHGRASS	8												
LITTLE BLUESTEM	PLS												
INDIANGRASS	3												

EROSION CONTROL LEGEND

DESCRIPTION	PLAN SYMBOL
SILT FENCE	
CLEARING LIMITS	CL CL
DIVERSION DIKE	DD
DIVERSION BERM	DB
TEMPORARY DIVERSION	TD
PERMANENT DIVERSION	PD
SUBSURFACE DRAIN	SSD
VEGETATED CHANNEL	
RIP RAP LINED CHANNEL	
ECB OR TRM LINED CHANNEL	
PAVED CHANNEL	PC
TREE PROTECTION	
SURFACE ROUGHENING	OR LG
TOP SOILING	
TEMPORARY SEEDING	TS
PERMANENT SEEDING	PS
MULCHING	M

EROSION CONTROL LEGEND

DESCRIPTION	PLAN SYMBOL
EROSION CONTROL BLANKET OR TURF REINFORCEMENT MAT	
FLEXIBLE GROWTH MATRIX	FGM
BONDED FIBER MATRIX	BFM
SODDING	SO
SLOPED SODDING	
STAKED SOD	
STAKED SOD AROUND INLET	OR
RIPRAP	
OUTLET PROTECTION - RIP RAP	
OUTLET PROTECTION - ECB OR TRM	
DUST CONTROL	DC
POLYACRYLAMIDE (PAM)	PAM
SEDIMENT BASIN	
SEDIMENT BASIN WITH SKIMMER	
SEDIMENT TRAP	
ROCK SEDIMENT DIKE	
SEDIMENT TUBE	

EROSION CONTROL LEGEND

DESCRIPTION	PLAN SYMBOL
ROCK CHECK DAM	OR
POROUS BAFFLES	
STABILIZED CONSTRUCTION ENTRANCE	
CONCRETE WASHOUT	
STORM DRAIN INLET PROTECTION - TYPE A FILTER FABRIC	A
STORM DRAIN INLET PROTECTION - TYPE A SEDIMENT TUBE	A
STORM DRAIN INLET PROTECTION - TYPE B HARDWARE FABRIC AND STONE	B
STORM DRAIN INLET PROTECTION - TYPE C BLOCK AND GRAVEL	C
STORM DRAIN INLET PROTECTION - TYPE D RIGID INLET FILTER	D
STORM DRAIN INLET PROTECTION - TYPE E SURFACE COURSE CURB INLET FILTER	E
STORM DRAIN INLET PROTECTION - TYPE F INLET TUBE	F
STORM DRAIN INLET PROTECTION - TYPE G IMPERVIOUS AREA	G
STORM DRAIN INLET PROTECTION - CATCH BASIN INSERT	I
PIPE SLOPE DRAINS	
TEMPORARY STREAM CROSSING	
LEVEL SPREADER	

LIST OF ACRONYMS FOR SEDIMENT AND EROSION CONTROL

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AMD	ACRYLAMIDE POLYMER
BFM	BONDED FIBER MATRIX
BMP(S)	BEST MANAGEMENT PRACTICE(S)
CFS	CUBIC FEET PER SECOND
CMP	CORRUGATED METAL PIPE
DHEC	DEPARTMENT OF HEATH AND ENVIRONMENTAL CONTROL
ECB	EROSION CONTROL BLANKET
EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
EPSC	EROSION PREVENTION AND SEDIMENTATION CONTROL
FDA	UNITED STATES FOOD AND DRUG ADMINISTRATION
FGM	FLEXIBLE GROWTH MATRIX
HDPE	HIGH DENSITY POLYETHYLENE
MS4	MUNICIPAL SEPARATE STORM SEWER SYSTEM
MSDS	MATERIAL SAFETY DATA SHEETS
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
PAM	POLYACRYLAMIDE OR POLYMER
RCP	REINFORCED CONCRETE PIPE
SCS	SOIL CONSERVATION SERVICE
SWPPP	STORMWATER POLLUTION PREVENTION PROGRAM
TRM	TURF REINFORCEMENT MAT
VFS	VEGETATED FILTER STRIP

CONSTRUCTION SEQUENCE

	CONSTRUCTION ACTIVITY	SCHEDULE CONSIDERATION
1	OBTAIN COPIES OF ALL PLAN APPROVALS AND OTHER APPLICABLE PERMITS.	CONTRACTOR TO HAVE ONSITE AT ALL TIMES DURING CONSTRUCTION.
2	FLAG THE WORK LIMITS AND BARRICADE TREES AND MARK BUFFER AREAS FOR PROTECTION.	HAVE LOCAL REGULATORY AGENCY INSPECT TREE BARRICADES.
3	HOLD PRE CONSTRUCTION CONFERENCE AT LEAST ONE WEEK PRIOR TO STARTING CONSTRUCTION.	REVIEW TREE PROTECTION (BARRICADE) WITH OWNER AND LOCAL REGULATORY AGENCY. TAKE PICTURES OF ALL PROTECTED TREES AND LOCATIONS WHERE SITE WORK TIES INTO EXISTING TO DOCUMENT PREDEVELOPMENT PROCEDURES.
4	INSTALL CONSTRUCTION ACCESS AND LAY DOWN AREAS	STABILIZE BARE AREAS IMMEDIATELY AND INSTALL CONSTRUCTION EXITS / ENTRANCES.
5	CONSTRUCT SEDIMENT TRAPS AND BARRIERS - BASIN TRAPS, SEDIMENT FENCES, AND OUTLET PROTECTION.	INSTALL PRINCIPAL BASINS AFTER CONSTRUCTION SITE IS ACCESSED, INSTALL ADDITIONAL TRAPS AND BARRIERS AS NEEDED DURING GRADING.
6	ESTABLISH RUNOFF CONTROL - DIVERSIONS, PERIMETER DIKES, WATER BARS, AND OUTLET PROTECTION.	INSTALL KEY PRACTICES AFTER PRINCIPAL SEDIMENT TRAPS AND BEFORE LAND GRADING, INSTALL ADDITIONAL RUNOFF-CONTROL MEASURES DURING GRADING.
7	LAND CLEARING AND GRADING-SITE PREPARATION CUTTING, FILLING AND GRADING, SEDIMENTATION TRAPS, BARRIERS, DIVERSIONS, DRAINS, SURFACE ROUGHENING.	BEGIN MAJOR CLEARING AND GRADING AFTER PRINCIPAL SEDIMENT AND KEY RUNOFF-CONTROL MEASURES ARE INSTALLED. CLEAR BORROW AND DISPOSAL AREAS ONLY AS NEEDED. INSTALL ADDITIONAL CONTROL MEASURES AS GRADING PROGRESSES. MARK TREES AND BUFFER AREAS FOR PRESERVATION.
8	RUNOFF CONVEYANCE SYSTEM- INSTALL STORM DRAINS, STABILIZE BANKS, CHANNELS, INSTALL INLET AND OUTLET PROTECTION, SLOPE DRAINS.	WHERE NECESSARY, STABILIZE BANKS AS EARLY AS POSSIBLE. INSTALL PRINCIPAL RUNOFF CONVEYANCE SYSTEM WITH RUNOFF- CONTROL MEASURES. INSTALL REMAINDER OF SYSTEM AFTER GRADING.
9	INSTALL WASTEWATER COLLECTION, WATER DISTRIBUTION, AND STORM DRAINAGE SYSTEMS	APPLY TEMPORARY OR PERMANENT STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS WHERE WORK IS DELAYED OR COMPLETE.
10	SURFACE STABILIZATION-TEMPORARY AND PERMANENT SEEDING, MULCHING, SODDING, RIP RAP.	APPLY TEMPORARY OR PERMANENT STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS WHERE WORK IS DELAYED OR COMPLETE.
11	BUILDING CONSTRUCTION- BUILDINGS UTILITIES, ROADS, ETC.	INSTALL NECESSARY EROSION AND SEDIMENTATION CONTROL PRACTICES AS WORK TAKES PLACE.
12	LANDSCAPING AND FINAL STABILIZATION - TOPSOILING, TREES AND SHRUBS, PERMANENT SEEDING, MULCHING, SODDING, RIP RAP.	LAST CONSTRUCTION PHASE--STABILIZE ALL OPEN AREAS, INCLUDING BORROW AND SPOIL AREAS. REMOVE AND STABILIZE ALL TEMPORARY CONTROL MEASURES.

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION THOMAS & HUTTON ENGINEERING CO. No. C00285

SOUTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 2237 6-30-16 JEAN M. SMITH

DRAWN BY: JBJ
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SHEET NUMBER
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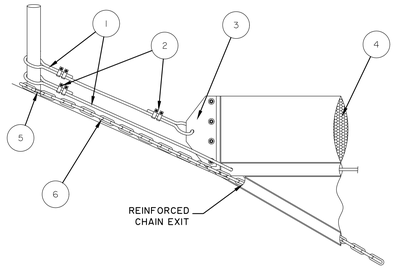
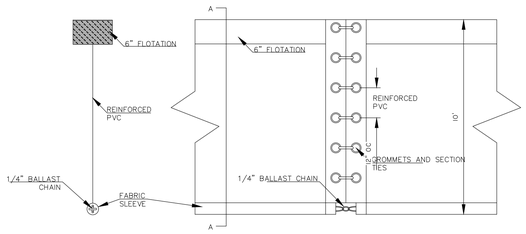


SECTION A-A

ITEM	DESCRIPTION
1	SS CABLE
2	SS CABLE CLAMPS
3	10.5" x 4.5" x .187" SS BRACKET
4	UNICELLULAR FLOAT
5	SS QUICK LINK
6	SS CHAIN



SIDE VIEW OF CONNECTION BETWEEN SECTIONS

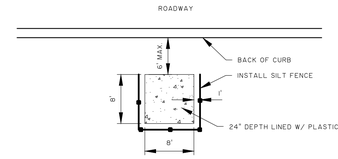
NOTE:
WILL BE GRANITE: TYPE 1 ECONOMY SILT BARRIER OR EQUIVILANT

TYPICAL BARRIER SPECIFICATIONS:

FLOTATION	FABRIC	SECTION CONNECTORS	CONNECTOR FABRIC	BOTTOM CHAIN	STANDARD LENGTH	HEIGHT	FLOTATION
6" Marine Grade Material (depending on skirt depth)	Reinforced Permeable Fabric	Bolt Rope Reinforced Grommet Section Ties	Poly Rope and Web Handle	Heavy Ballast Chain	50' or 100'	Sizes 3' to 100' Available	6" Marine Grade Material (depending on skirt depth)

TURBIDITY CURTAIN

NOT TO SCALE



CONCRETE WASHOUT DETAIL

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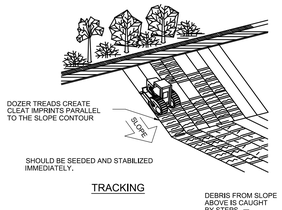
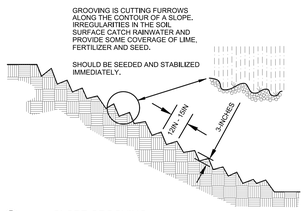
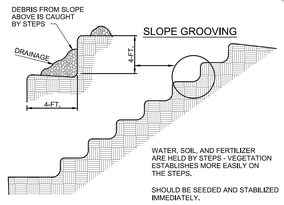


TRACKING





STAIR-STEP GRADING

OR LG

LAND GRADING TECHNIQUES

NOT TO SCALE

Du

DUST CONTROL ON DISTURBED AREAS

DEFINITION

Controlling surface and air movement of dust on land-disturbing activities.

PURPOSE

- Prevent the movement of dust from exposed soil surfaces.
- Prevent the movement of airborne substances that may be harmful to health.

INSTALLATION

- Apply according to approved plan, if shown.
- Mulch disturbed areas and tackify with resins such as asphalt, Curasol or Terratack according to manufacturer's recommendations.
- Stabilize disturbed areas with temporary or permanent vegetation.
- Irrigate disturbed areas until surface is wet.
- Cover surfaces with crushed stone or gravel.

Du

- Apply calcium chloride at a rate to keep surfaces moist.
- Apply spray-on adhesives to mineral soils (not muck soils) as described in Table 1.

Table 1. Spray-On Adhesive Application Requirements

Adhesive	Water Dilution	Nozzle Type	Application (Gal./Acre)
Anionic asphalt emulsion	7:1*	Coarse spray	1,200
Latex emulsion	12.5:1 *	Fine spray	235
Resin-in-water emulsion	4:1*	Fine spray	300

*Use manufacturer's recommendations when available.

DC

DUST CONTROL MEASURES

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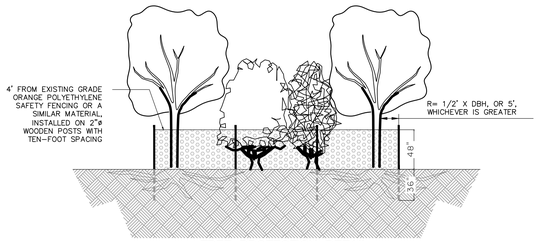
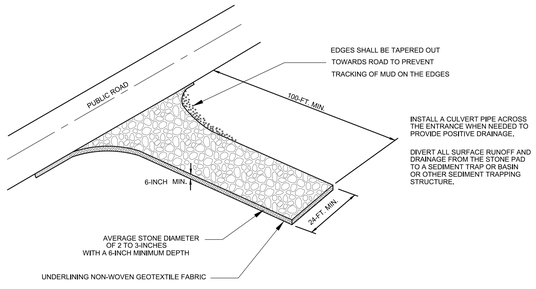


TREE PROTECTION DETAIL

NOT TO SCALE



WHEN AND WHERE TO USE IT:
STABILIZED CONSTRUCTION ENTRANCES SHOULD BE USED AT ALL POINTS WHERE TRAFFIC WILL BE LEAVING A CONSTRUCTION SITE AND MOVING DIRECTLY ONTO A PUBLIC ROAD.

IMPORTANT CONSIDERATIONS:
IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFFSITE. WASHDOWN FACILITIES SHALL BE REQUIRED AS DIRECTED BY SCDHEC AS NEEDED. WASHDOWN AREAS IN GENERAL MUST BE ESTABLISHED WITH CRUSHED GRAVEL AND DRAIN INTO A SEDIMENT TRAP OR SEDIMENT BASIN.

CONSTRUCTION ENTRANCES SHOULD BE USED IN CONJUNCTION WITH THE STABILIZATION OF CONSTRUCTION ROADS TO REDUCE THE AMOUNT OF MUD PICKED UP BY VEHICLES.

INSTALLATION:
REMOVE ALL VEGETATION AND ANY OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA.

DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM STONES TO A SEDIMENT TRAP OR BASIN.

INSTALL A NON-WOVEN GEOTEXTILE FABRIC PRIOR TO PLACING ANY STONE.

INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE.

THE ENTRANCE SHALL CONSIST OF 1-INCH TO 3-INCH D50 STONE PLACED AT A MINIMUM DEPTH OF 6-INCHES.

MINIMUM DIMENSIONS OF THE ENTRANCE SHALL BE 24-FEET WIDE BY 100-FEET LONG, AND MAY BE MODIFIED AS NECESSARY TO ACCOMMODATE SITE CONSTRAINTS.

THE EDGES OF THE ENTRANCE SHALL BE TAPERED OUT TOWARDS THE ROAD TO PREVENT TRACKING OF MUD AT THE EDGE OF THE ENTRANCE.

INSPECTION AND MAINTENANCE:
CHECK FOR MUD AND SEDIMENT BUILDUP AND PAD INTEGRITY. MAKE DAILY INSPECTIONS DURING PERIODS OF WET WEATHER. MAINTENANCE IS REQUIRED MORE FREQUENTLY IN WET WEATHER CONDITIONS. RESHAPE THE STONE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.

WASH OR REPLACE STONES AS NEEDED. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF-SITE BY VEHICLES.

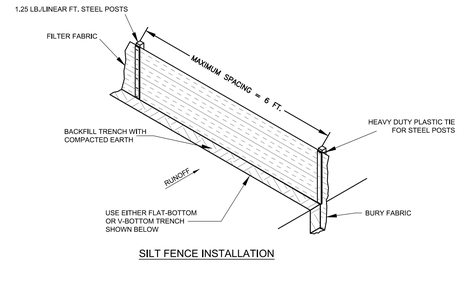
FREQUENT WASHING WILL EXTEND THE USEFUL LIFE OF STONE.

IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING, FLUSHING SHOULD ONLY BE USED WHEN THE WATER CAN BE DISCHARGED TO A SEDIMENT TRAP OR BASIN.

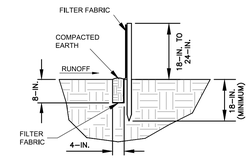
REPAIR ANY BROKEN PAVEMENT IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE

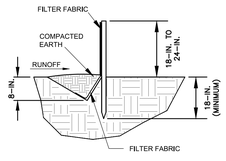
NOT TO SCALE



SILT FENCE INSTALLATION



FLAT-BOTTOM TRENCH DETAIL



V-SHAPED TRENCH DETAIL

WHEN AND WHERE TO USE IT:
SILT FENCE IS APPLICABLE IN AREAS:

WHERE THE MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE FENCE IS 100-FEET,
WHERE THE MAXIMUM SLOPE STEEPNESS (NORMAL [PERPENDICULAR] TO FENCE LINE) IS 2H:1V,
THAT DO NOT RECEIVE CONCENTRATED FLOWS GREATER THAN 0.5 CFS.

DO NOT PLACE SILT FENCE ACROSS CHANNELS OR USE IT AS A VELOCITY CONTROL BMP.

MATERIALS:
STEEL POSTS
USE 48-INCH LONG STEEL POSTS THAT MEET THE FOLLOWING MINIMUM PHYSICAL REQUIREMENTS:
COMPOSED OF HIGH STRENGTH STEEL WITH MINIMUM YIELD STRENGTH OF 50,000 PSI,
HAVE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38-INCHES AND NOMINAL "T" LENGTH OF 1,48-INCHES,
WEIGH 1.25 POUNDS PER FOOT (± 8%),
HAVE A SOIL STABILIZATION PLATE WITH A MINIMUM CROSS SECTION AREA OF 17-SQUARE INCHES ATTACHED TO THE STEEL POSTS,
PAINTED WITH A WATER BASED BAKED ENAMEL PAINT,

USE STEEL POSTS WITH A MINIMUM LENGTH OF 4-FEET, WEIGHING 1.25 POUNDS PER LINEAR FOOT (± 8%) WITH PROJECTIONS TO AID IN FASTENING THE FABRIC. EXCEPT WHEN HEAVY CLAY SOILS ARE PRESENT ON SITE, STEEL POSTS WILL HAVE A METAL SOIL STABILIZATION PLATE WELDED NEAR THE BOTTOM SUCH THAT WHEN THE POST IS DRIVEN TO THE PROPER DEPTH, THE PLATE WILL BE BELOW THE GROUND LEVEL FOR ADDED STABILITY,
THE SOIL PLATES SHOULD HAVE THE FOLLOWING CHARACTERISTICS:
BE COMPOSED OF MINIMUM 15 GAUGE STEEL,
HAVE A MINIMUM CROSS SECTION AREA OF 17-SQUARE INCHES,

GEOTEXTILE FILTER FABRIC:
FILTER FABRIC IS:
COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS COMPOSED OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS, OR POLYAMIDES,
FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR YARNS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER,
FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION,
FREE OF DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES,
CUT TO A MINIMUM WIDTH OF 36 INCHES.

USE ONLY FABRIC APPEARING ON SCDOT APPROVAL SHEET #34 MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

INSTALLATION:
EXCAVATE A TRENCH APPROXIMATELY 6-INCHES WIDE AND 6-INCHES DEEP WHEN PLACING FABRIC BY HAND. PLACE 12-INCHES OF GEOTEXTILE FABRIC INTO THE 6-INCH DEEP TRENCH, EXTENDING THE REMAINING 6-INCHES TOWARDS THE UPSLOPE SIDE OF THE TRENCH. BACKFILL THE TRENCH WITH SOIL OR GRAVEL AND COMPACT. BURY 12-INCHES OF FABRIC INTO THE GROUND WHEN PNEUMATICALLY INSTALLING SILT FENCE WITH A SLICING METHOD, PURCHASE FABRIC IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS. WHEN JOINTS ARE NECESSARY, WRAPPED THE FABRIC TOGETHER AT A SUPPORT POST WITH BOTH ENDS FASTENED TO THE POST, WITH A 6-INCH MINIMUM OVERLAP.
INSTALL POSTS TO A MINIMUM DEPTH OF 24-INCHES. INSTALL POSTS A MINIMUM OF 1- TO 2- INCHES ABOVE THE FABRIC, WITH NO MORE THAN 3-FEET OF THE POST ABOVE THE GROUND, SPACE POSTS TO MAXIMUM 6-FEET CENTERS, ATTACH FABRIC TO WOOD POSTS USING STAPLES MADE OF HEAVY-DUTY WIRE AT LEAST 1-1/2-INCH LONG, SPACED A MAXIMUM OF 6-INCHES APART, STAPLE A 2-INCH WIDE LATHE OVER THE FILTER FABRIC TO SECURELY FASTEN IT TO THE UPSLOPE SIDE OF WOODEN POSTS. ATTACH FABRIC TO THE STEEL POSTS USING HEAVY-DUTY PLASTIC TIES THAT ARE EVENLY SPACED AND PLACED IN A MANNER TO PREVENT SAGGING OR TEARING OF THE FABRIC. IN CALL CASES, TIES SHOULD BE AFFIXED IN NO LESS THAN 4 PLACES. INSTALL THE FABRIC A MINIMUM OF 24-INCHES ABOVE THE GROUND. WHEN NECESSARY, THE HEIGHT OF THE FENCE ABOVE GROUND MAY BE GREATER THAN 24-INCHES. IN TIDAL AREAS, EXTRA SILT FENCE HEIGHT MAY BE REQUIRED. THE POST HEIGHT WILL BE TWICE THE EXPOSED POST HEIGHT. POST SPACING WILL REMAIN THE SAME AND EXTRA HEIGHT FABRIC WILL BE 4-, 5-, OR 6-FEET TALL. LOCATE SILT FENCE CHECKS EVERY 100 FEET MAXIMUM AND AT LOW POINTS. INSTALL THE FENCE PERPENDICULAR TO THE DIRECTION OF FLOW AND PLACE THE FENCE THE PROPER DISTANCE FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEANOUT.

INSPECTION AND MAINTENANCE:
CHECK FOR SEDIMENT BUILDUP AND FENCE INTEGRITY. CHECK WHERE RUNOFF HAS ERODED A CHANNEL BENEATH THE FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED BY FENCE OVERTOPPING. IF THE FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE SECTION OF FENCE IMMEDIATELY. REMOVE SEDIMENT ACCUMULATED ALONG THE FENCE WHEN IT REACHES 1/3 THE HEIGHT OF THE FENCE. ESPECIALLY IF HEAVY RAINS ARE EXPECTED, REMOVE TRAPPED SEDIMENT FROM THE SITE OR STABILIZE IT ON SITE. REMOVE SILT FENCE WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR

AFTER TEMPORARY BEST MANAGEMENT PRACTICES (BMPS) ARE NO LONGER NEEDED, PERMANENTLY STABILIZE DISTURBED AREAS RESULTING FROM FENCE REMOVAL.

SILT FENCE

NOT TO SCALE

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

SOUTH CAROLINA
THOMAS & HUTTON ENGINEERING CO.
No. C00285
CERTIFICATE OF AUTHORIZATION

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

SOUTH CAROLINA
No. 25737
30-16
JOHN M. SMITH

DRAWN BY:
JBJ
CHECKED BY:
SKM

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#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
SWPP-DETAILS

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SHEET NUMBER
EC.6

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GENERAL NOTES

1. THE GENERAL STRUCTURAL NOTES ARE INTENDED TO AUGMENT THE DRAWINGS AND SPECIFICATIONS. SHOULD CONFLICTS EXIST BETWEEN THE DRAWINGS, SPECIFICATIONS, AND GENERAL STRUCTURAL NOTES, THE STRICTEST PROVISION SHALL GOVERN.
2. CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, PROCEDURES AND SAFETY ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR SHORING AND BRACING OF ALL ELEMENTS UNTIL THE STRUCTURE IS COMPLETE.
3. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH, AND COORDINATED WITH CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION AND OTHER CONTRACT DOCUMENTS.
4. CONTRACTOR SHALL REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO ENGINEER. CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS.

DESIGN INFORMATION

1. STRUCTURAL DESIGN CONFORMS TO THE REQUIREMENTS OF THE SOUTH CAROLINA STATE BUILDING CODE (IBC 2012 W/ MODIFICATIONS).
2. DESIGN LOADS AND PARAMETERS ARE AS FOLLOWS:

   A. DEAD LOADS: ACTUAL WEIGHT OF MATERIALS AND EQUIPMENT

   B. LIVE LOADS:

DECK	100 PSF

   C. WIND LOAD:

BASIC WIND SPEED (3 SEC GUST)	138 MPH
WIND LOAD IMPORTANCE FACTOR (I)	1.0
WIND EXPOSURE CATEGORY	B
INTERNAL PRESSURE COEFFICIENT (Gcpi)	±0.00

   D. SEISMIC DESIGN DATA:

RISK CATEGORY	II
SEISMIC IMPORTANCE FACTOR	1.0
SPECTRAL RESPONSE COEFFICIENT Sds	0.368 g
SPECTRAL RESPONSE COEFFICIENT Sdl	0.203 g
SITE CLASS	D
SEISMIC DESIGN CATEGORY	D
ANALYSIS PROCEDURE	ELFA
BASIC STRUCTURAL SYSTEM	BUILDING FRAME SYSTEM
SEISMIC RESISTING SYSTEM	TIMBER FRAME
SEISMIC BASE SHEAR	0.245 * W (W=mass in lb or kips)

3. COMPONENTS & CLADDING AND MECHANICAL ATTACHMENT LOADS SHALL BE CALCULATED USING ASCE 7-10 AND INCORPORATED BY APPLICABLE TRADES. ENGINEER SHALL BE CONTACTED IF MANUFACTURER HAS QUESTIONS ABOUT ATTACHING TO THE STRUCTURAL BUILDING ELEMENTS.

FOUNDATIONS

1. FOUNDATION DESIGN IS BASED ON AN ALLOWABLE BEARING CAPACITY OF 1500 PSF.
2. WHERE APPLICABLE, ALL EXCAVATIONS, COMPACTED FILL, AND SUBGRADES SHALL BE OBSERVED AND TESTED BY A GEOTECHNICAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA TO VERIFY SPECIFIED GEOTECHNICAL CONFORMANCE REQUIREMENTS. THE CONTRACTOR SHALL EMPLOY THE GEOTECHINCAL ENGINEER.
3. WHERE APPLICABLE, COMPACT SOIL MATERIALS TO NOT LESS THAN 98% OF MODIFIED PROCTOR DENSITY OF MAXIMUM DRY UNIT WEIGHT ACCORDING TO ASTM D 1557.
4. DO NOT PLACE BACKFILL OR FILL SOIL MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN, OR CONTAIN FROST OR ICE.

TIMBER CONSTRUCTION

1. UNLESS NOTED OTHERWISE, ALL DESIGN, DETAILING AND ERECTION OF TIMBER FRAMING SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF:
   A. AMERICAN INSTITUTE OF TIMBER CONSTRUCTION - TIMBER CONSTRUCTION MANUAL
   B. AMERICAN WOOD COUNCIL - NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION
2. ALL TIMBER SHALL BE SOUTHERN PINE, NO.1 DENSE GRADE, DRESSED, AND GRADED IN ACCORDANCE WITH SOUTHERN PINE INSPECTION BUREAU'S "GRADING RULES" AND WITH A MOISTURE CONTENT OF 19 PERCENT AT TIME OF DELIVERY TO THE PROJECT SITE.
3. UNLESS NOTED OTHERWISE, ALL LUMBER ANDTIMBER SHALL BE TREATED IN ACCORDANCE WITH AWPA C2 WITH ACQ AS LISTED IN AWPA P5 TO A RETENTION LEVEL OF 0.60 PCF.
4. ALL TIMBER HARDWARE SHALL BE HOT DIPPED GALVINAZED IN ACCORDANCE WITH ASTM A153.
5. ALL PLATE WASHERS SHALL CONFORM WITH ASTM A36.
6. ALL BOLTS SHALL CONFORM WITH ASTM A307. ALL NUTS SHALL CONFORM WITH ASTM A563. ALL WASHERS SHALL CONFORM WITH ASTM F844.
7. DRILL ALL HOLES STRAIGHT AND PERPENDICULAR TO THE BEARING SURFACE.
8. UNLESS NOTED OTHERWISE, USE ONLY FULL LENGTH TIMBERS.
9. COUNTERBORE HOLES FOR BOLTS FOR COUNTER SINKING BOLT HEADS AND WASHERS.
10. WHERE PRACTICAL, CUT TIMBER TO REQUIRED LENGTH WITH STRAIGHT CUTS AND NO SPLINTERED EDGES, AND DRILL HOLES PRIOR TO PRESERVATIVE TREATMENT TO MINIMIZE TREATING CUTS AND HOLES IN THE FIELD.
11. PRIOR TO ERECTION OF TIMBERS, COAT ALL CUT, BORED, DAPPED AND DAMAGED TIMBER SURFACES IN ACCORDANCE WITH AWPA M4.
12. ERECT TIMBER WORK PLUMB AND LEVEL WITH TIGHT JOINTS BETWEEN ALL MEMBERS.
13. TIGHTEN BOLTS SUFFICIENTLY TO BRING ALL BEARING SURFACES INTO CONTACT.
14. COAT END GRAIN OF ALL EXPOSED VERTICAL TIMBERS WITH PRESERVATIVE.
15. EXERCISE CARE WHEN HANDLING TIMBER TO AVOID SURFACE AND STRUCTURAL DAMAGE. DO NOT USE CANT HOOKS, DOGS, OR PIKE POLES FOR HANDLING TIMBER.
16. STORE TIMBER UNDER COVER, ABOVE GROUND AND KEEP FREE FROM DIRT, GREASE OR OTHER FOREIGN MATTER. STACK TIMBER IN A MANNER THAT WILL PREVENT LONG TIMBERS FROM SAGGING OR BECOMING CROOKED.
17. ERECT TIMBER WORK PLUMB AND LEVEL WITH TIGHT JOINTS BETWEEN ALL MEMBERS.
18. WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED (0.40 LB/CF CCA OR EQUAL).

TIMBER PILES

1. UNLESS NOTED OTHERWISE, ALL TIMBER PILES SHALL BE SOUTHERN PINE CONFORMING TO ASTM D25. ALL TIMBER PILES SHALL BE CLEAN, PEELED PILES.
2. UNLESS NOTED OTHERWISE, ALL TIMBER PILES SHALL BE TREATED WITH CCA 2.5 IN ACCORDANCE WITH AWPA C-3 FOR MARINE PILES.
3. THE MINIMUM DIAMETER OF THE TIMBER PILE AT THE TIP, MEASURED AFTER THE BARK HAS BEEN REMOVAL SHALL BE 8 INCHES. THE MINIMUM DIAMETER OF THE PILES AT THE BUTT, MEASURED AFTER THE PILE HAS BEEN CUT OFF AND THE BARK REMOVED, SHALL BE 12 INCHES.
4. AT LEAST 30 DAYS PRIOR TO DRIVING FIRST PILE, CONTRACTOR SHALL SUBMIT A PILE INSTALLATION PLAN TO ENGINEER FOR ACCEPTANCE. THE PLAN SHALL INCLUDE THE FOLLOWING INFORMATION:
   A. LIST OF PROPOSED EQUIPMENT INCLUDING CRANES, DRIVING EQUIPMENT, JETTING EQUIPMENT, COMPRESSORS, HAMMERS AND PRE-DRILLING EQUIPMENT. INCLUDE MANUFACTURER'S DATA SHEETS WITH LIST.
   B. METHODS TO DETERMINE HAMMER ENERGY OR STROKE IN THE FIELD FOR DETERMINATION OF PILE CAPACITY. THE SUBMITTAL SHALL INCLUDE NECESSARY CHARTS AND RECENT CALIBRATIONS FOR ANY PRESSURE MEASURING EQUIPMENT. SUBMITTAL SHALL ALSO INCLUDE THE METHOD FOR MONITORING PILE ADVANCEMENT.
   C. DRAWINGS OF ANY TEMPLATES AND PROPOSED FOLLOWERS.
   D. DETAILS OF PROPOSED LOAD TEST EQUIPMENT AND PROCEDURES INCLUDING RECENT CALIBRATIONS OF JACKS AND REQUIRED LOAD CELLS. SEE PILE LOAD TEST SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
   E. SEQUENCE OF DRIVING BOTH LOAD TEST PILES AND OTHER PRODUCTION PILES.
   F. DETAILS OF PROPOSED METHODS AND MATERIALS TO BE USED TO PROTECT EXISTING STRUCTURES.
   G. REQUIRED SHOP DRAWINGS FOR PILES.
   H. METHODS AND EQUIPMENT PROPOSED TO PREVENT DISPLACEMENT OF PILES DURING PLACEMENT AND COMPACTION OF FILL WITHIN 20 FEET OF PILES.
5. PILES ARE TO BE DRIVEN CONTINUOUSLY TO THE TIP ELEVATION SPECIFIED WITHOUT INTERRUPTION. SPLICING OF THE PILES IS NOT PERMITTED.
6. SUBMIT A PILE DRIVING RECORD FOR EACH PILE, AS INSTRUCTED IN THE PILE SPECIFICATION, WITHIN THREE DAYS OF DRIVING.
7. SPECIAL CARE SHALL BE TAKEN TO AVOID BREAKING THE SURFACE OF THE PILES. CANT-HOOKS, DOGS, OR PILE-POLES SHALL NOT BE USED. THE CONTRACTOR SHALL COORDINATE HIS MATERIAL STORAGE AREAS AND EQUIPMENT WITH THE OWNER.
8. NO PILE SHALL BE DRIVEN WITHIN 20 FEET OF CONCRETE WHICH IS LESS THAN 4 DAYS OLD.
9. PILES SHALL BE CAREFULLY LOCATED TO THE LINES AND SPACINGS INDICATED ON THE DRAWINGS. PILE BUTTS SHALL NOT BE PULLED INTO REQUIRED LOCATION MORE THAN 2". EXTREME CARE SHALL BE EXERCISED IN THE LOCATING AND DRIVING OF PILES SO THAT OTHER PILES AND UTILITIES WILL NOT BE DAMAGED IN ANY WAY.
10. THE MAXIMUM PERMISSIBLE DEVIATION FROM THE INDICATED LOCATIONS SHALL BE NO MORE THAN 3" FOR ANY ONE PILE AND THE SUM OF THE DEVIATIONS FOR ANY TWO PILES SHALL NOT EXCEED 4". NO PILE SHALL VARY FROM THE BATTER INDICATION OR BE OUT OF PLUMB MORE THAN 3" FOR IT'S ENTIRE LENGTH.
11. IF A PILE IS INSTALLED THAT EXCEEDS THE ALLOWABLE TOLERANCES SPECIFIED HEREIN, ENGINEER SHALL BE CONTACTED IMMEDIATELY. IF IT IS DETERMINED THAT THE OUT OF TOLERANCE IS CAUSED BY CONTRACTOR'S INSTALLATION, CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REDESIGN EFFORTS THAT RESULT.
12. ALL PILES SHALL BE CUT OFF AT THE REQUIRED ELEVATION AT A RIGHT ANGLE TO THE AXIS OF THE PILE. CUTTING SHALL BE PERFORMED IN A MANNER TO AVOID DAMAGE TO THE PILE BELOW THE CUTOFF ELEVATION. COAT ALL CUTS WITH CCA 2.5 IN ACCORDANCE WITH AWPA C-3.
13. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD ENGINEERING REQUIRED FOR HIS CONSTRUCTION, FURNISHING ALL LINES, GRADES AND CONTROL POINTS.
14. FOR PROTECTION OF THE PILE HEAD, A 1" THICK STEEL PLATE SHALL BE INSERTED BETWEEN THE HEAD OF THE PILE AND THE HAMMER PLUNGER.
15. ALL MISCELLANEOUS METAL HARDWARE TO BE GALVANIZED PER ASTM A153.

PILE TESTING PROGRAM

1. TWO OF THE PRODUCTION PILES SHALL UNDERGO DYNAMIC PILE ANALYSIS (REFERRED TO AS THE LOAD VERIFICATION TEST PILES) VIA PILE DRIVING ANALYZER (PDA) TESTING. THESE PILES SHALL BE DRIVEN AND TESTED PRIOR TO THE INSTALLATION OF ANY OTHER PILES. THEY SHALL BE 40 FEET LONG AND SHALL BE DRIVEN AT THE LOCATIONS DESIGNATED ON THE PILE PLAN.
2. TWO ADDITIONAL PRODUCTION PILES SHALL UNDERGO DYNAMIC PILE ANALYSIS DURING INSTALLATION (REFERRED TO AS THE PROOF LOAD TEST PILES), THE LOCATIONS OF WHICH ARE DESIGNATED ON THE PILE PLAN.
3. CONTRACTOR SHALL SUBMIT DETAILED PLANS FOR THE PILE LOAD TESTING METHOD INCLUDING ALL DRAWINGS, DETAILS AND STRUCTURAL DESIGN CALCULATIONS NECESSARY TO CLEARLY DESCRIBE THE PROPOSED TEST METHOD, REACTION LOAD SYSTEM CAPACITY AND EQUIPMENT SETUP, TYPE AND ACCURACY OF APPARATUS TO BE USED FOR APPLYING AND MEASURING THE TEST LOADS.
4. METHODS AND EQUIPMENT USED FOR INSTALLATION OF TEST PILES SHALL BE THE SAME METHODS USED FOR INSTALLATION OF ALL OTHER PRODUCTION PILES.

11. SPECIFIED PILE LENGTH IS FOR BIDDING PURPOSES. ACTUAL PILE LENGTHS ARE TO BE DETERMINED FOLLOWING EVALUATION OF THE RESULTS OF A LOAD VERIFICATION TEST. THE APPROXIMATE LOAD CAPACITY OF THE PILES SHALL BE DETERMINED BY EVALUATION OF THE DRIVING RESISTANCE CALCULATED BY THE FOLLOWING FORMULAS:

    SINGLE ACTION HAMMER:

    $DR = 2WH / (S+0.1)$

    DOUBLE ACTION HAMMER:

    $DR = (2 (W+Ap) H) / (S+0.1)$

    WHERE:

    H = HEIGHT OF FALL IN FEET (10 FT. MAX.)
    A = AREA OF PISTON, SQUARE INCHES
    p = PRESSURE AT HAMMER IN TONS/S.I.
    W = WEIGHT OF RAM, TONS
    S = AVERAGE PENETRATION IN INCHES PER BLOW FOR LAST 10 TO 20 BLOWS

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
SKM

CHECKED BY:
SKM

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#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
GENERAL NOTES

THOMAS & HUTTON
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SHEET NUMBER
SS0.1

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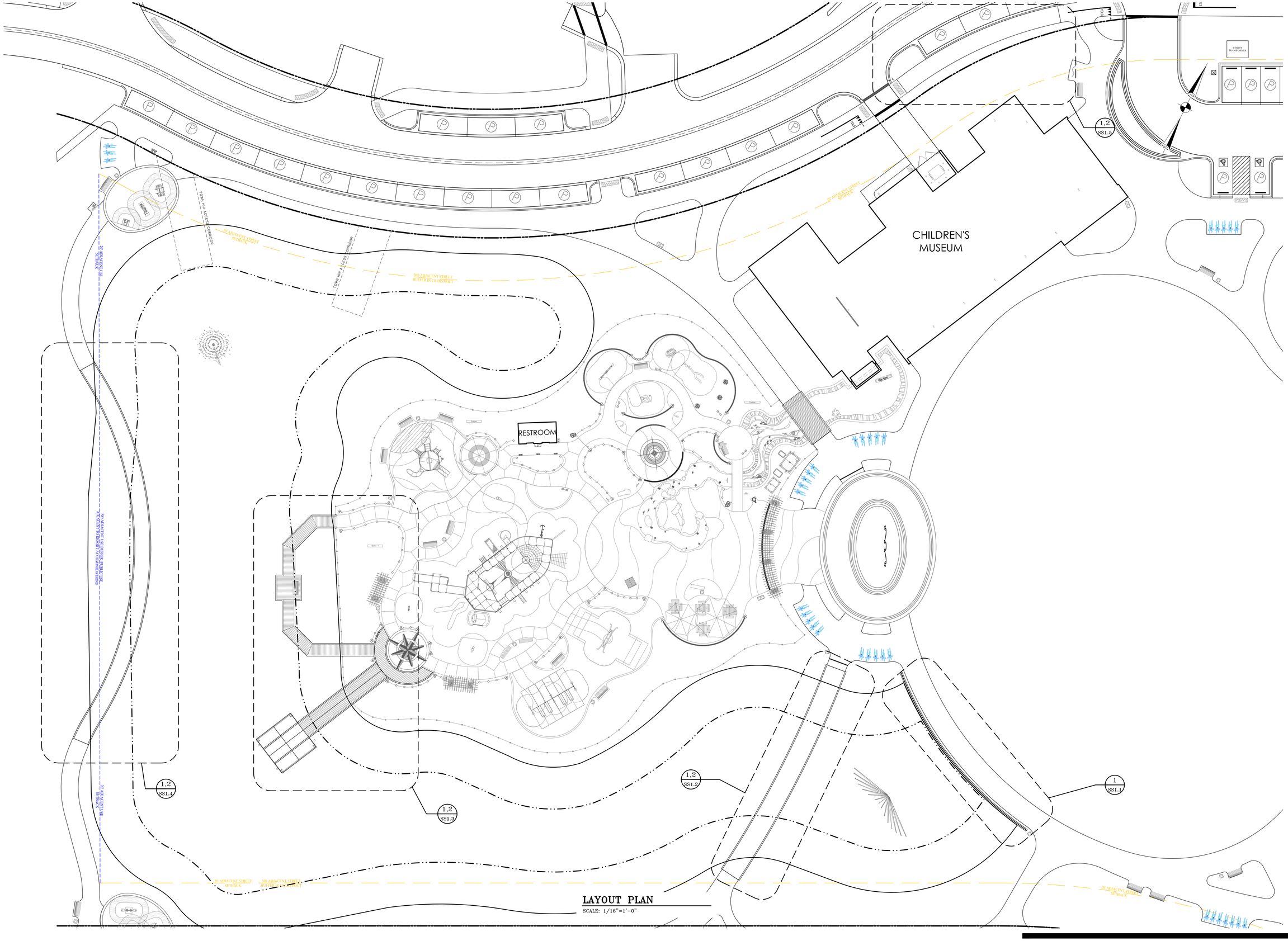

LAYOUT PLAN

SCALE: 1/16"=1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
SHG

CHECKED BY:
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LAYOUT PLAN

SHEET NUMBER
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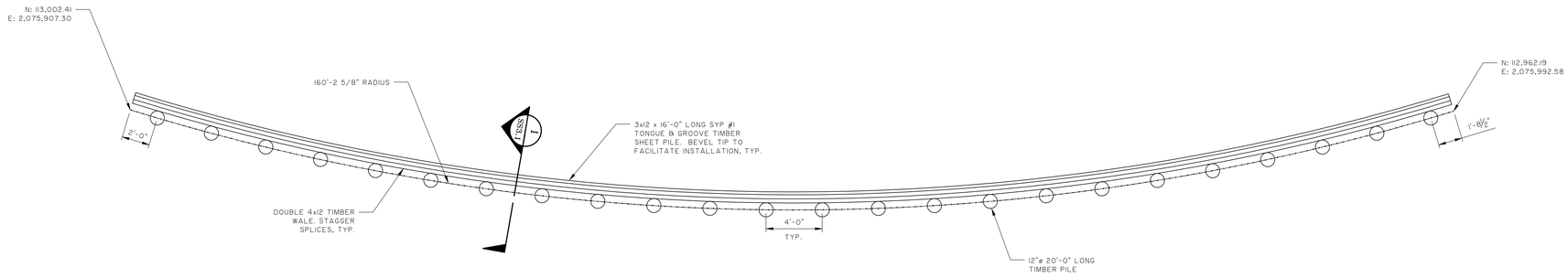
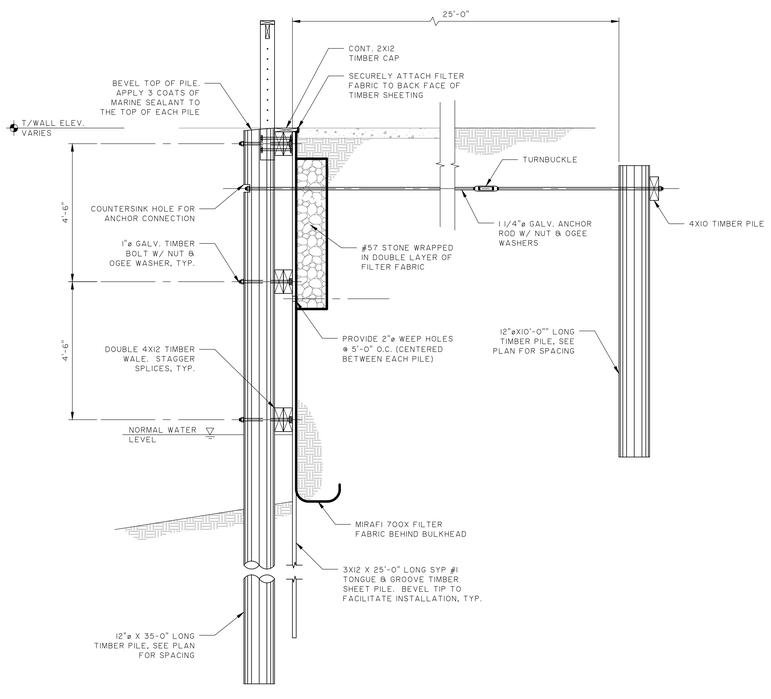


BULKHEAD #1 PLAN

SCALE: 1/4"=1'-0"

NOTES

1. REFER TO LANDSCAPE ARCHITECTURE PLANS FOR HANDRAIL DETAILS AND LOCATIONS.
2. VERIFY COORDINATES AND RADIUS WITH CIVIL PLANS.



1 / SS1.1 **TYPICAL BULKHEAD WALL DETAIL**

SCALE: 1/2"=1'-0"

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NORTH CAROLINA — SOUTH CAROLINA — GEORGIA — FLORIDA
THOMAS & HUTTON ENGINEERING
No. C02285
CERTIFICATE OF AUTHORIZATION

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

NORTH CAROLINA — SOUTH CAROLINA — GEORGIA — FLORIDA
SCOTT HENRY GIBSON
No. 032496
REGISTERED LANDSCAPE ARCHITECT

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BULKHEAD PLAN

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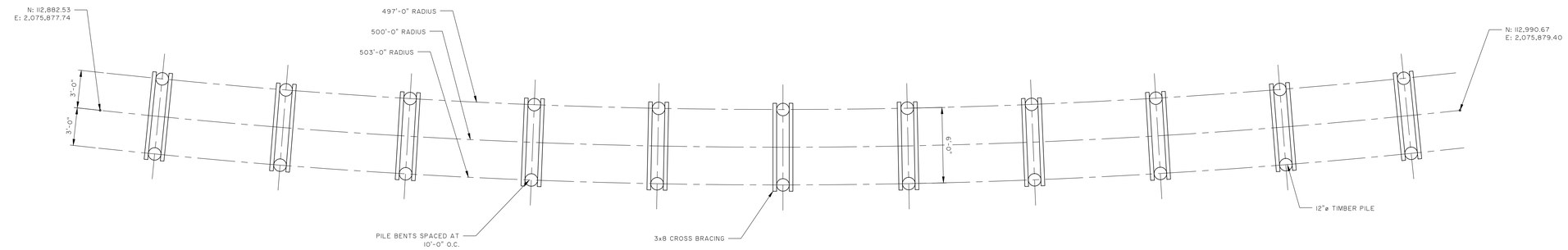
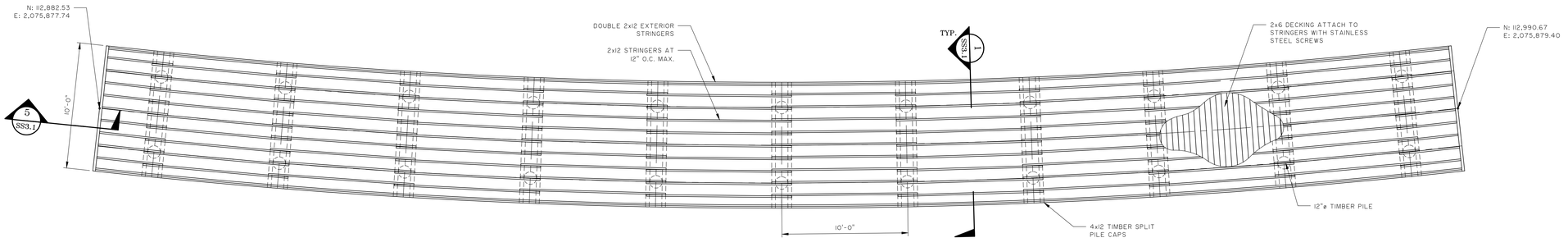


WALKWAY PILE PLAN

SCALE: 1/4"=1'-0"



WALKWAY FRAMING PLAN

SCALE: 1/4"=1'-0"

NOTES

1. REFER TO LANDSCAPE ARCHITECTURE PLANS FOR HANDRAIL DETAILS AND LOCATIONS.
2. VERIFY COORDINATES AND RADIUS WITH CIVIL PLANS.

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CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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WALKWAY BRIDGE

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SS1.2

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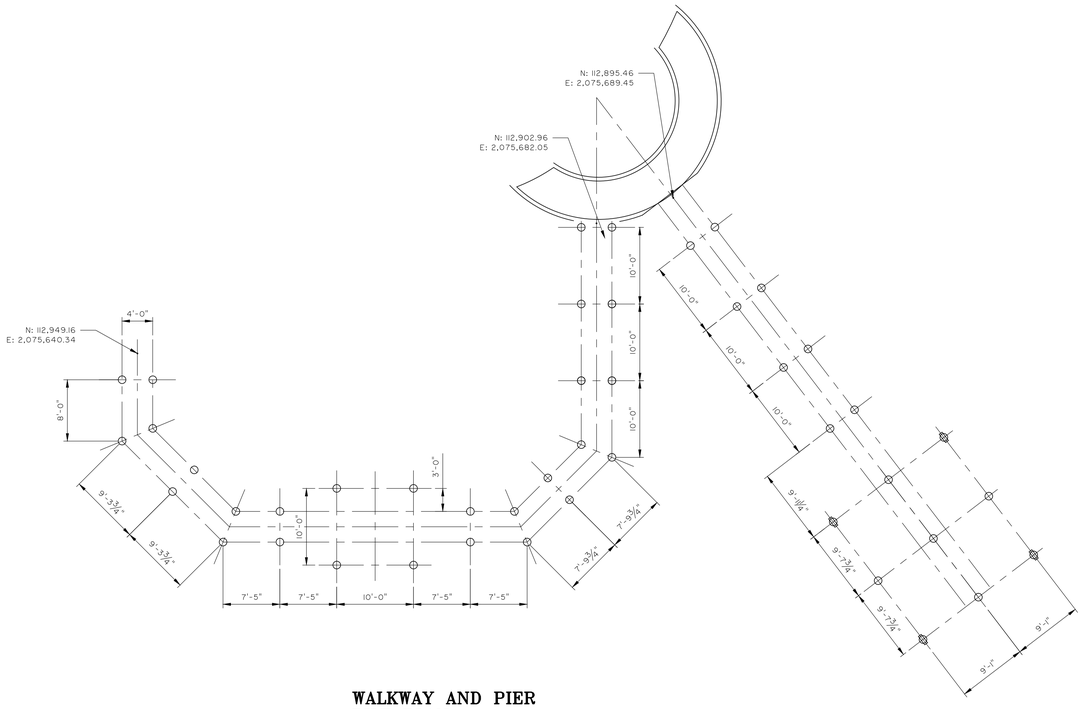
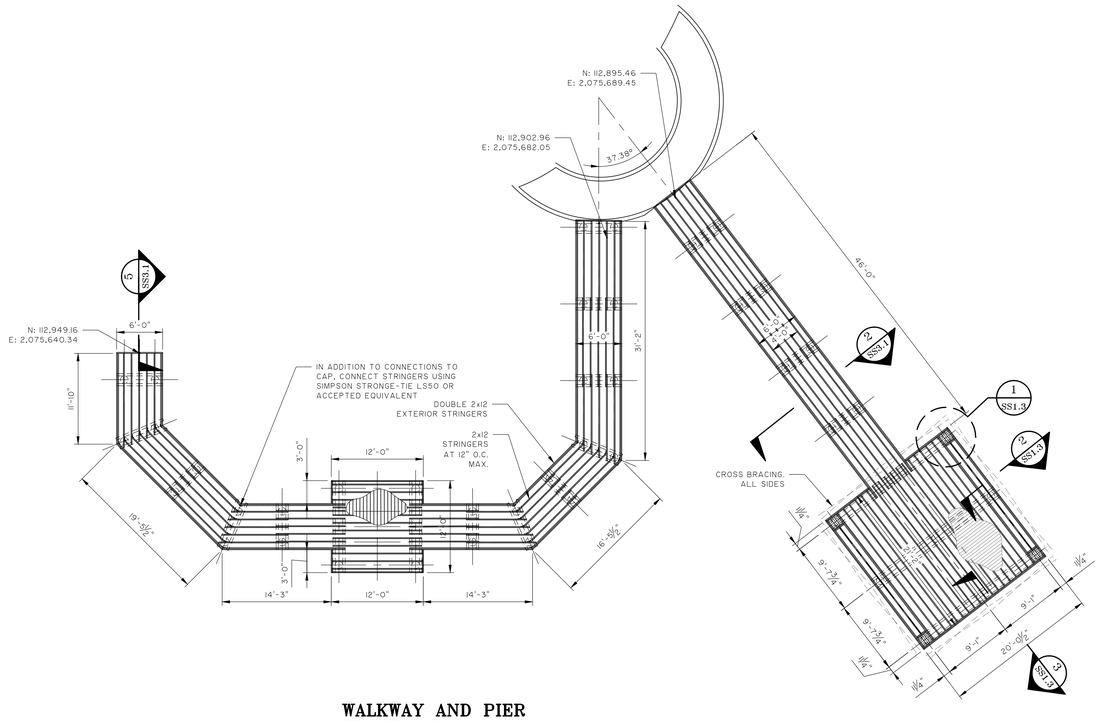


WALKWAY AND PIER PILE PLAN

SCALE: 1/8"=1'-0"

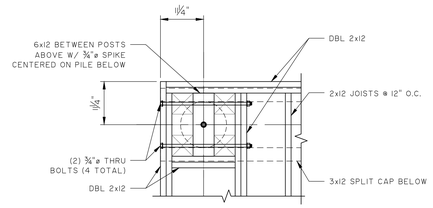


WALKWAY AND PIER FRAMING PLAN

SCALE: 1/8"=1'-0"

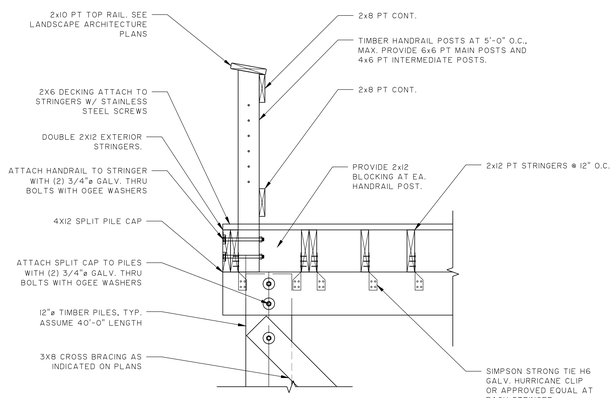
NOTES

1. REFER TO LANDSCAPE ARCHITECTURE PLANS FOR HANDRAIL DETAILS AND LOCATIONS.



1 SS1.3 FRAMING DETAIL AT PAVILION CONNECTION

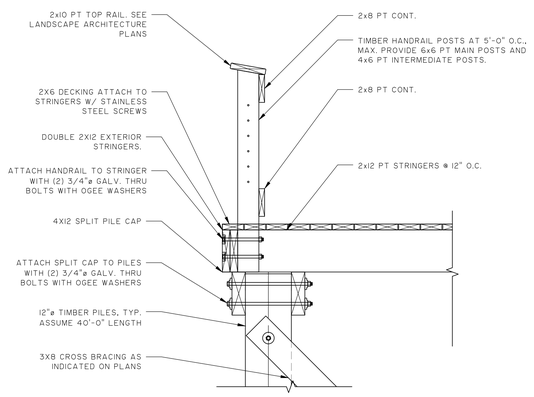
SCALE: 3/4"=1'-0"



2 SS1.3 SECTION AT PAVILION DECK

SCALE: 3/4"=1'-0"

NOTE:
AT 12x12 INTERMEDIATE DECK, PROVIDE SIMILAR DETAIL WITH HANDRAIL CONNECTION ON OUTSIDE OF DBL 2x12 STRINGERS.



3 SS1.3 SECTION AT PAVILION DECK

SCALE: 3/4"=1'-0"

NOTE:
AT 12x12 INTERMEDIATE DECK, PROVIDE SIMILAR DETAIL WITH HANDRAIL CONNECTION ON OUTSIDE OF DBL 2x12 STRINGERS.

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Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

NORTH CAROLINA — THOMAS & HUTTON ENGINEERING — No. C02285 — CERTIFICATE OF AUTHORIZATION

NORTH CAROLINA — REGISTERED LANDSCAPE ARCHITECT — SCOTT HENRY

DRAWN BY: SHG
CHECKED BY: SHG

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WALKWAY AND PIER

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SS1.3

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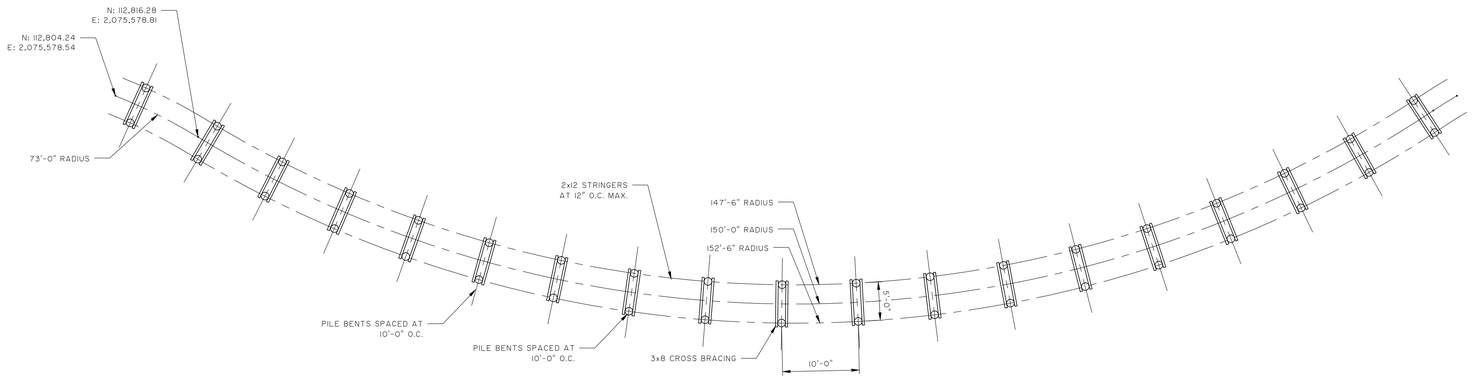
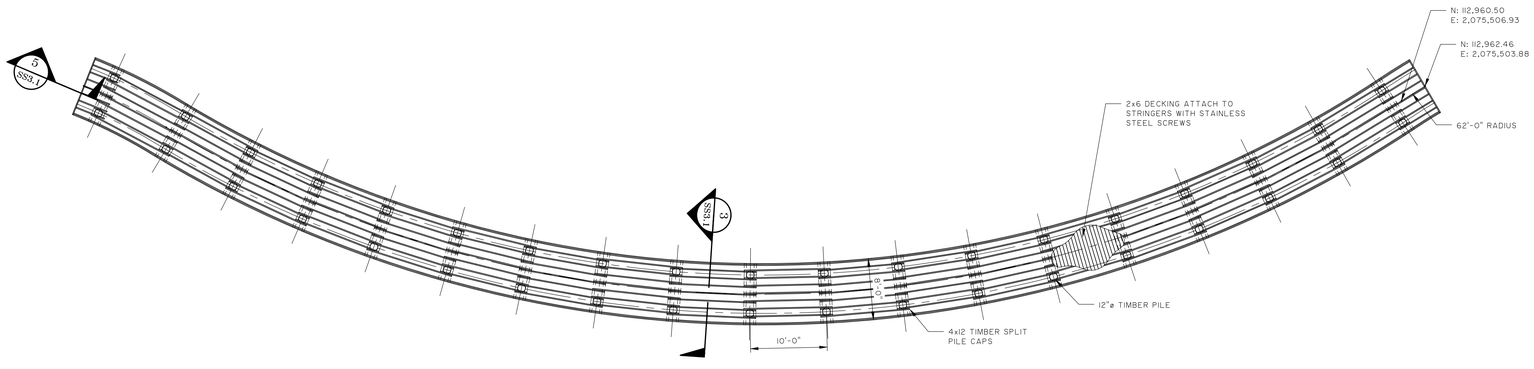


WALKWAY PILE PLAN

SCALE: 1/8"=1'-0"



WALKWAY FRAMING PLAN

SCALE: 1/8"=1'-0"

NOTES

1. REFER TO LANDSCAPE ARCHITECTURE PLANS FOR HANDRAIL DETAILS AND LOCATIONS.
2. VERIFY COORDINATES AND RADIUS WITH CIVIL PLANS.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

NORTH CAROLINA — SOUTH CAROLINA — NOEL SCOTT HENRY — THOMAS & HUTTON ENGINEERING — No. C02285 — CERTIFICATE OF AUTHORIZATION

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

NORTH CAROLINA — SOUTH CAROLINA — REGISTERED LANDSCAPE ARCHITECT — NOEL SCOTT HENRY — 6/30/16

DRAWN BY:
SHG

CHECKED BY:
SHG

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#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
WALKWAY BRIDGE

THOMAS & HUTTON
Engineering | Surveying | Planning | GIS | Consulting
50 Park of Commerce Way
Savannah, GA 31405 • 912.234.5300
www.thomasandhutton.com

Wood+Partners Inc. WPi
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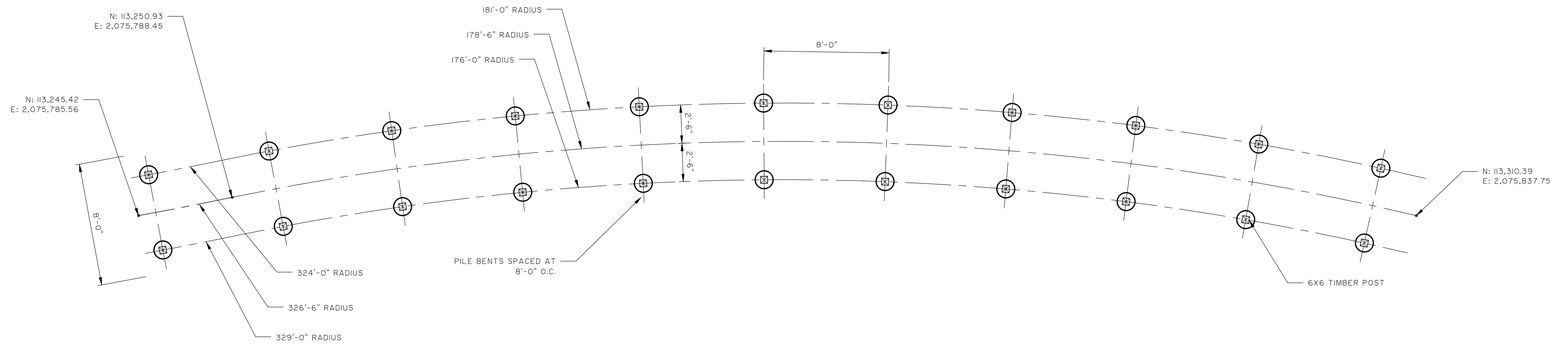
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.5678 ▮ Fax 843.681.7095 ▮ www.woodandpartners.com

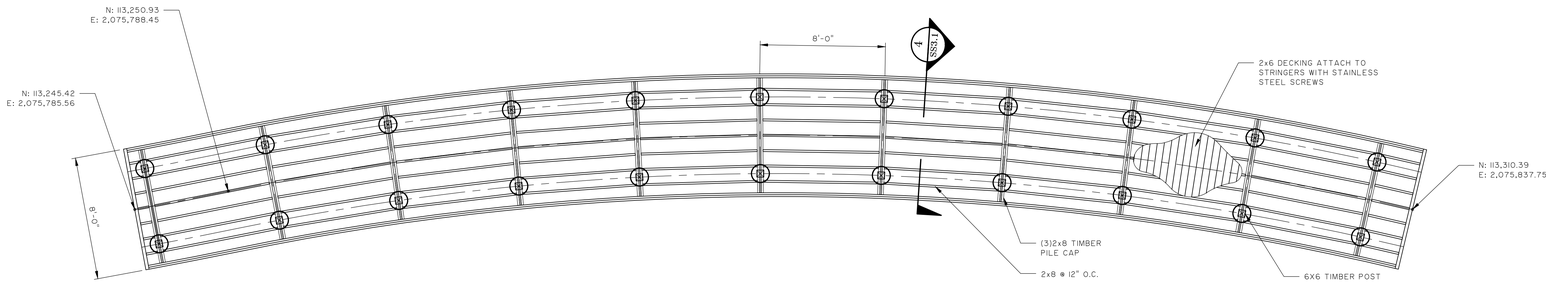
SHEET NUMBER
SS1.4

Z:\24634\24634.0002\Engineering\Drawings\Construction Plans\24634.0002 - Structural.dwg, Thursday, June 30, 2016, Printed By: Gibson, Scott



WALKWAY PILE PLAN

SCALE: 1/4"=1'-0"



WALKWAY FRAMING PLAN

SCALE: 1/4"=1'-0"

NOTES

1. REFER TO LANDSCAPE ARCHITECTURE PLANS FOR HANDRAIL DETAILS AND LOCATIONS.
2. VERIFY COORDINATES AND RADIUS WITH CIVIL PLANS.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
SKM
CHECKED BY:
SKM

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#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
WALKWAY PLAN

THOMAS & HUTTON
Engineering | Surveying | Planning | GIS | Consulting
50 Park of Commerce Way
Savannah, GA 31405 • 912.234.5300
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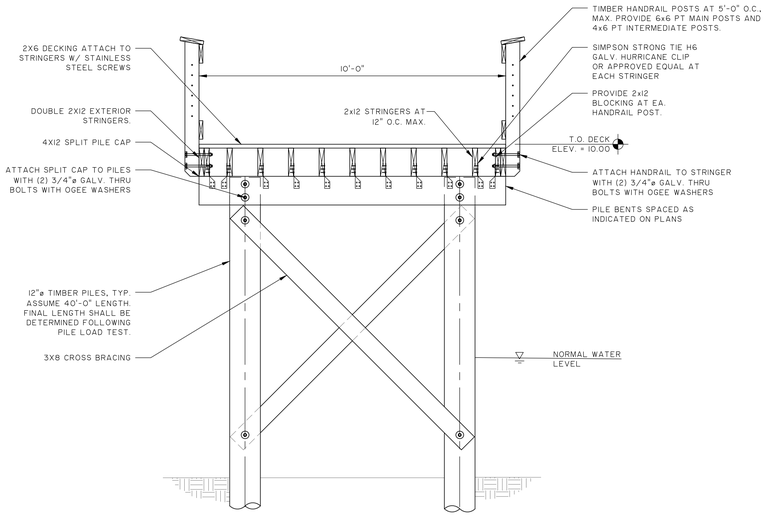
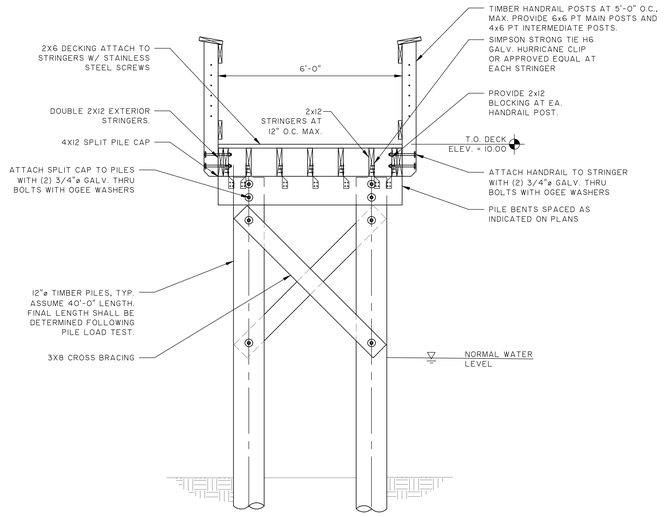
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.0618 ▮ Fax 843.681.7095 ▮ www.woodandpartners.com

SHEET NUMBER
SS1.5

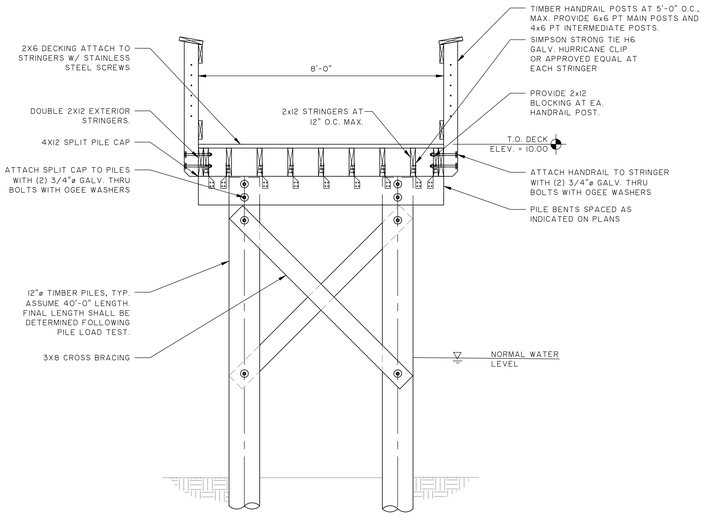
Z:\24634\24634.0002\Engineering\Drawings\Construction Plans\24634.0002 - Structural.dwg, Thursday, June 30, 2016, Printed By: Gibson, Scott



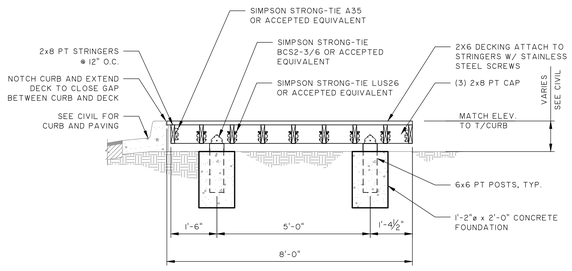
1 SS3.1 **TIMBER WALKWAY SECTION**
SCALE: 1/2"=1'-0"



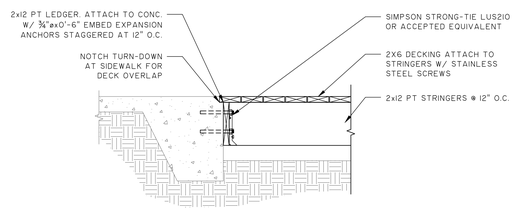
2 SS3.1 **TIMBER WALKWAY SECTION**
SCALE: 1/2"=1'-0"



3 SS3.1 **TIMBER WALKWAY SECTION**
SCALE: 1/2"=1'-0"



4 SS3.1 **TIMBER WALKWAY SECTION**
SCALE: 1/2"=1'-0"



5 SS3.1 **TIMBER WALKWAY AT SIDEWALK TURN-DOWN**
SCALE: 3/4"=1'-0"

Z:\24634\24634.0002\Engineering\Drawings\Construction Plans\24634.0002 - Structural Details.dwg, Thursday, June 30, 2016, Printed By: Gibson, Scott

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

NORTH CAROLINA — THOMAS & HUTTON ENGINEERING Co. C02285 — SOUTH CAROLINA

NORTH CAROLINA — SCOTT HENRY GIBSON — SOUTH CAROLINA

DRAWN BY: SHG
CHECKED BY: SHG

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#	REVISION	DATE	BY

DATE: 6-30-2016
PROJECT NUMBER: 01-16002
SHEET TITLE: SECTIONS

THOMAS & HUTTON
Engineering | Surveying | Planning | GIS | Consulting
50 Park of Commerce Way
Savannah, GA 31405 • 912.234.5300
www.thomasandhutton.com

Wood+Partners Inc. WPi
Landscape Architects Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6638 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER
SS3.1

PROJECT "A" PARK
PARK ID SIGN
PROJECT "A" PARK
EXERCISE STATION
CHILDREN'S MUSEUM
PARK MUSEUM
PROJECT "A" COLIGNY PARK PROJECT
PARK ID SIGN
PROJECT "A" PARK
SHEET L-101
SHEET L-103A
SHEET L-101
SHEET L-103B
PLAYGROUND/ WATER FEATURE RESTROOM
SHEET L-101
SHEET L-103A
SHEET L-101
SHEET L-102
SHEET L-103A
SHEET L-103B
MUSEUM PROJECT LIMITS
PARK PAVLION
LAGOON
PARK
PARK PLAYGROUND
SHEET L-102
SHEET L-104
SHEET L-103A
SHEET L-104
EVENT LAWN
PROJECT "A" PROJECT "D"
PROJECT "D" PARK
SHEET L-102
SHEET L-104
POND PAVILION
SHEET L-103B
SHEET L-103A
RESTROOM BUILDING
EXERCISE STATION
SHEET L-103B
SHEET L-103A
PUBLIC ART PIECE. BY OTHERS.
PROJECT "B"
PARK
PROJECT "B"
PARK
PROJECT "B"
ON STREET PARKING, TYP.
PARK
PROJECT "B"
PARK ID SIGN
PARK
PROJECT "B"
BUS DROP OFF/ PICKUP
PARK
PROJECT "B"
PROJECT "D" PARK
PARK ID SIGN
PROJECT "B"
PROJECT "B"
PROJECT "D"
CONCRETE SIDEWALK CONTINUES TO TANGLEWOOD ROAD WITHIN "PROJECT B"
PROJECT "B"
PARK
PROJECT "B"
PARK
PROJECT "B"
PROJECT "B"
PROJECT "B"
SHEET L-103A
SHEET L-104

BIKE PARKING SUMMARY

TOTAL VEHICULAR PARKING SPACES PROVIDED: 115 SPACES

BIKE PARKING REQUIRED: 46 BIKES
(4 BIKES PER 10 VEHICULAR PARKING SPACES)

BIKE PARKING SHOWN: 100 BIKES

0' 15' 30' 60' 90' 120'

SCALE: 1" - 30'-0"

N

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

© Projects-1111 Parks\Coligny Park 2016\Civ Production Work\Civ3d-16\02-SITE.dwg, Thursday, July 07, 2016, Plotted By: Ed Ladd This document and all reproductions or copies of this document are the property of wood patners, inc. reproductions or alterations of this drawing, without the written consent of wood patners, inc. is not permitted. If this drawing is found to be less than 34"x44" it is a reduced print, scale accordingly.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
BH, EL

CHECKED BY:
TG

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PROFESSIONAL STAMPS:

SOUTH CAROLINA LANDSCAPE ARCHITECT REGISTERED KYLE H. THEODORE

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
Site Context Plan

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 ▪ Hilton Head Island, SC 29925
843.681.6616 ▪ Fax 843.681.7086 ▪ www.woodandpartners.com

SHEET NUMBER
L-100

SITE KEY LEGEND:

ARCHITECTURE:

- A1 MUSUEM BUILDING — SEE ARCHITECTURAL DRAWINGS
- A2 CONCERT PAVILION — SEE ARCHITECTURAL DRAWINGS
- A3 RESTROOM / DROP-OFF BUILDING — SEE ARCHITECTURAL DRAWINGS
- A4 POND PAVILION — SEE ARCHITECTURAL DRAWINGS
- A5 PLAYGROUND RESTROOM BUILDING — SEE ARCHITECTURAL DRAWINGS

SITE WORK: PAVEMENT

- S1 CONCRETE WALKWAY (4" & 6") — DETAIL 1 / L-300
- S2 STAMPED CONCRETE WALK — DETAIL 2 / L-300
- S3 STAMPED CONCRETE IMPRESSIONS — DETAIL 3 / L-300
- S4 DETECTABLE WARNING DEVICE — SEE CIVIL
- S5 CONCRETE CURB RESTRAINT — DETAIL 9 / L-300
- S6 VEHICULAR PAVING (PATTERN ONLY) — DETAIL 6 / L-300 (SEE CIVIL FOR BASE TREATMENT)
- S7 SPECIALTY PAVING (PEDESTRIAN) TYPE 1 & 2 — DETAIL 7 / L-300
- S8 SAND PLAYGROUND SURFACE — DETAIL 9 / L-300
- S9 POURED IN PLACE RUBBER SURFACE — DETAIL 8 / L-300
- S10 CANTILEVERED DECK W/ POST AND ROPE RAILING — DETAIL 5 / L-301

SITE FEATURES:

- S11 GRAND LAWN ARBOR — DETAIL 1 / L-305
- S12 PLAYGROUND GATEWAY — DETAIL 1 / L-303
- S13 CIRCULAR ARBOR TREE — DETAIL 2 / L-303
- S14 SWING TRELLIS — DETAIL 3 / L-305
- S15 RAISED PLANTER/ SEATWALL — DETAIL 6 / L-302
- S16 PILE WALL — DETAIL 3 / L-302
- S17 CURVED TONGUE & GROOVE WOOD WALL — TYPE 1 DETAIL 1 / L-302
- S18 ROPE AND PILE FENCE — DETAIL 4 / L-302
- S19 DISCOVERY TRAIL GATEWAY — DETAIL 3 / L-304
- S20 4' PLAYGROUND INCLOSURE FENCE — DETAIL 6 / L-301
- S21 BULKHEAD & RAILING — DETAIL 1 / L-301
- S22 CABLE RAIL SYSTEM — DETAIL 2 / L-301
- S23 BOARDWALK — DETAIL 4 / L-301

SITE FEATURES CONT'D:

- S24 PLAYGROUND PEDESTRIAN BRIDGE — DETAIL 7 / L-301
- S25 ON GRADE DECK AT COMPASS ROSE — DETAIL 3 / L-301
- S26 PARK ID SIGN — DETAIL 1 / L-304
- S27 SHADE UMBRELLAS — DETAIL 2 / L-305
- S28 WATER FEATURE — SEE WATER FEATUREDRAWINGS
- S29 INTERPRETIVE SIGNS — DETAIL 6 / L-306
- S30 COMPASS ROSE PAVING AREA — DETAIL 1 / L-306
- S31 PALM TREE PLANTER WELL — DETAIL 10 / L-300
- S32 ON GRADE BOARDWALK — SEE CIVIL STRUCTURAL PLANS
- S33 TRENCH DRAIN TYPES A & B — DETAIL 11 / L-300
- S34 DECK DRAIN — DETAIL 12 / L-300
- S35 I.D. / INCIDENTAL SIGNS — DETAIL 5 / L-306
- S36 CURVED TONGUE & GROOVE WOOD WALL — TYPE 2 DETAIL 1 / L-302

RECREATION FEATURES:

- R1 ICONIC SHIP STRUCTURE — BY OTHERS - FOR REFERENCE ONLY
- R2 2-5 YEAR STRUCTURE — BY OTHERS - FOR REFERENCE ONLY
- R3 SWINGS — BY OTHERS - FOR REFERENCE ONLY
- R4 MULTI-USER SWNG PLATFORM — BY OTHERS - FOR REFERENCE ONLY
- R5 WHIMSY RIDERS (DOLPHINS & SEA HORSE) — BY OTHERS - FOR REFERENCE ONLY
- R6 FOSSIL DIGS (SHELLS, SHARK TEETH, CRABS) — BY OTHERS - FOR REFERENCE ONLY
- R7 CLIMBING TURTLE — BY OTHERS - FOR REFERENCE ONLY
- R8 SEESAW — BY OTHERS - FOR REFERENCE ONLY
- R9 FROG SCULPTURE (ON BENCH) — DETAIL 4 / L-306
- R10 TURTLES ON LOG — SEE SPECIFICATIONS & FOUNTAIN DRAWINGS
- R11 WHIMSICAL BIRD SCULPTURES — SEE SPECIFICATIONS & FOUNTAIN DRAWINGS
- R12 PARK INFORMATION KIOSK WITH MAP — DETAIL 2 / L-304
- R13 LOG STEPPER — BY OTHERS - FOR REFERENCE ONLY
- R14 LOG BALANCE BEAM — BY OTHERS - FOR REFERENCE ONLY
- R15 LOG CRAWL / TUNNEL — BY OTHERS - FOR REFERENCE ONLY
- R16 TALK TUBES — BY OTHERS - FOR REFERENCE ONLY

PAVING SCHEDULE:

- 4" OYSTER SHELL CONCRETE: SEE DETAIL 1/L-300
- 6" OYSTER SHELL CONCRETE: SEE DETAIL 1/L-300
- FRACTURED EARTH CONCRETE : SEE DETAIL 2/L-300
- POURED IN PLACE RUBBER SURFACE: TYPE 1 SEE DETAIL 8/L-300
- POURED IN PLACE RUBBER SURFACE: TYPE 2 SEE DETAIL 8/L-300
- CONCRETE CONTROL JOINT: SEE DETAIL 4/L-300
- CONCRETE EXPANSION JOINT: SEE DETAIL 4/L-300
- ROCK SALT CONCRETE: SEE DETAIL 1/L300
- BOARDFORM CONCRETE: SEE DETAIL 2/L-300
- ADA DETECTABLE WARNING: SEE CIVIL
- VEHICULAR PAVER PATTERN: SEE DETAIL 6/L300
- DECORATIVE PAVER (PEDESTRIAN): SEE DETAIL 7/L300
- SAND PLAYGROUND SURFACE: SEE DETAIL 9/L300

SITE FURNISHINGS SCHEDULE:

- PLAYGROUND FENCE: SEE DETAIL 6/L-301
- BENCH TYPE 1: QTY: (28) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. SEE 5/L-302 FOR MOUNTING.
- BENCH TYPE 2: QTY: (6) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. SEE 5/L-302 FOR MOUNTING.
- SINGLE TRASH RECEPTACLE: QTY: (13) SEE SPECS. FOR ADDITIONAL INFORMATION. PROVIDE CONC. BASE FOR MOUNTING.
- DOUBLE RECYCLING RECEPTACLE: QTY: (6) SEE SPECS. FOR ADDITIONAL INFORMATION. PROVIDE CONC. BASE FOR MOUNTING.
- STAMPED CONCRETE IMPRESSIONS: SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION - SEE DETAIL 3/L-300
- BIKE RACKS QTY. (44) & BIKE BOLLARD W/ LIGHT QTY. (6): SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- DECORATIVE BIKE RACK: QTY. (1) OWNER PROVIDED, OWNER INSTALLED - COORDINATE WITH OWNER.
- DRINKING FOUNTAIN TYPE A: QTY: (2) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- FOOTWASH: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- REMOVABLE BOLLARD: QTY: (6) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- FIXED BOLLARD: QTY: (13) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- CIRCULAR BENCH: QTY: (2) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- PET WASTE DISPOSAL STATION: QTY: (2) OWNER PROVIDED, OWNER INSTALLED
- I.D. & INCIDENTAL SIGNS (A, B, C, D, E) SEE SITE PLAN FOR LOCATIONS SEE DETAIL 5/L-306
- 16' & 20 SHADE UMBRELLA: SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- FALLEN TREE BENCH: QTY: (3) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- PICINIC TABLE: QTY: (4) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- ROWER: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- 2- PERSON ACCESSIBLE LATT PULL & VERTICAL PRESS: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- SINGLE ELLIPTICAL: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- TWO PERSON LEG PRESS: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- STAIR SLIMBER: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- FOUR PERSON PENDULUM, ABS, & DIP STATION: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- SET OF 2 WHIMSICAL BIRD SCULPTURES: QTY: (1 SET) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- TURTLES ON LOG SCULPTURE: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- HUMAN SIZED FROG SCULPTURE (ON BENCH): QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- EMERGENCY TELEPHONE (TOLL FREE). PROVIDE EMERGENCY PHONE (TOLL FREE) IN WATERTIGHT ENCLOSURE PER DHEC REQUIREMENTS. MOUNT TO 6X6 P.T. POST AT 4' HT. WITH 1" CHAMFER AT TOP. PROVIDE WEATHER RESISTANT PHYSICAL ADDRESS OF POOL AND DISPLAY AT PHONE- PROVIDE SUBMITTAL FOR PHONE AND DISPLAY FOR APPROVAL PRIOR TO INSTALLATION.
- FAMILY OF THREE CRAB SCULPTURES: QTY: 1 SET OF 3 (1 LARGE, 1 MEDIUM, 1 SMALL) SEE SITE PLAN FOR LOCATIONS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES AND FOR AVOIDING ALL CONFLICTS WITH SAME. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE EXPENSE OF THECONTRACTOR.
2. ALL DISTURBED AREAS AND PROPOSED EARTH GRADING NOT TO BE COVERED BY OTHER SURFACES SHALL BE GRASSED BY SEEDING, FERTILIZING, MULCHING AND WATERING AS REQUIRED TO OBTAIN AN ACCEPTABLE GROUND COVER, UNLESS SPECIFIED OTHERWISE ON THE PLANS.
3. ALL CONSTRUCTION SHALL BE IN COMPIANCE WITH FEDERAL, STATE AND LOCAL CODES.
4. THE CONTRACTOR SHALL PERFORM HIS OWN INVESTIGATIONS TO THE EXTENT NESSARY TO DETERMINE THE EFFECTS OF SUB-SURFACE CONDITIONS ON THE WORK AND SHALL BID AND CONSTRUCT THE WORK IN ACCORDANCE WITH HIS FINDINGS.
5. DEMOLITION SHALL INCLUDE THE REMOVAL OF ALL PIPE, STRUCTURES OR DEBRI WITHIN THE AREA OF CONSTRUCTION WHETHER SHOWN ON THE PLANS OR NOT.
6. CONSTRACTOR SHALL BE RESPONSIBLE FOR ENSURING PROPER DRAINAGE OF ANY AND ALL AREAS WHICH ARE FIELD ADJUSTED DURING CONSTRUCTION.
7. CONTRACTOR SHALL RESTORE DAMAGED FINISHES AND REPLACE DAMAGED OR DEFECTIVE UNITS.
8. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR TIMING OF AND RESPONSIBILITY OF DEMOLITION OPERATIONS.
9. CONTRACTOR SHALL PROVIDE STANDARD UTYL BENCH FOR PLACEMENT OF FROG SCULPTURE. SUBMIT SHOP DRAWING FOR METHOD OF ANCHORING.

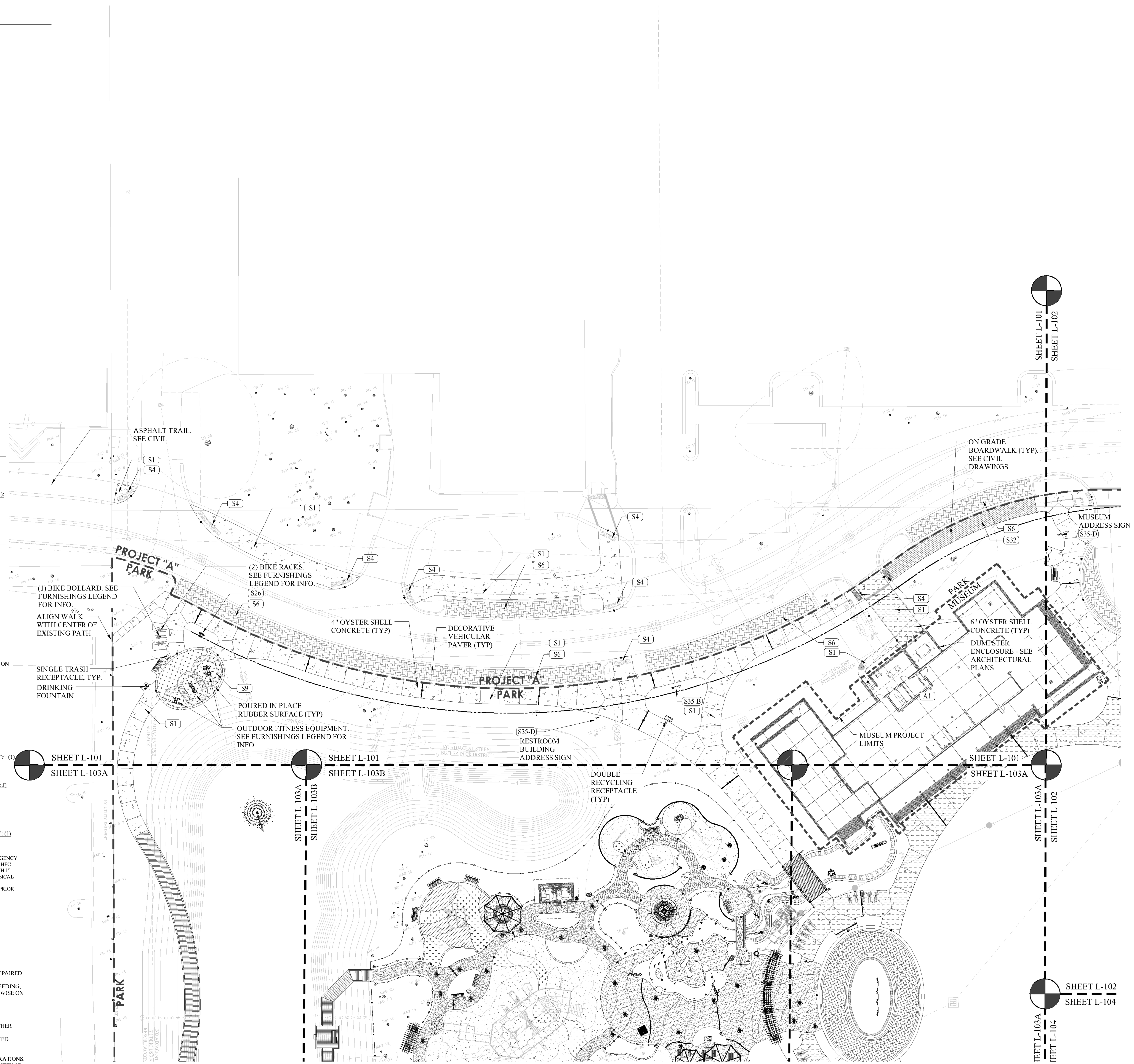
0' 10' 20' 40' 60' 80'

SCALE: 1" - 20'-0"

N

SURVEY INFORMATION COMPILED FROM AS-BUILTSURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATE NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.



Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

DATE 6-30-2016
PROJECT NUMBER 01-16002
SHEET TITLE
Site Plan

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 Hilton Head Island, SC 29925
843.681.6618 Fax 843.681.7086 www.woodandpartners.com

SHEET NUMBER
L-101

SITE KEY LEGEND:

ARCHITECTURE:

- A1 — MUSUEM BUILDING — SEE ARCHITECTURAL DRAWINGS
- A2 — CONCERT PAVILION — SEE ARCHITECTURAL DRAWINGS
- A3 — RESTROOM / DROP-OFF BUILDING — SEE ARCHITECTURAL DRAWINGS
- A4 — POND PAVILION — SEE ARCHITECTURAL DRAWINGS
- A5 — PLAYGROUND RESTROOM BUILDING — SEE ARCHITECTURAL DRAWINGS

SITE WORK: PAVEMENT

- S1 — CONCRETE WALKWAY (4" & 6") — DETAIL 1 / L-300
- S2 — STAMPED CONCRETE WALK — DETAIL 2 / L-300
- S3 — STAMPED CONCRETE IMPRESSIONS — DETAIL 3 / L-300
- S4 — DETECTABLE WARNING DEVICE — SEE CIVIL
- S5 — CONCRETE CURB RESTRAINT — DETAIL 9 / L-300
- S6 — VEHICULAR PAVING (PATTERN ONLY) — DETAIL 6 / L-300 (SEE CIVIL FOR BASE TREATMENT)
- S7 — SPECIALTY PAVING (PEDESTRIAN) TYPE 1 & 2 — DETAIL 7 / L-300
- S8 — SAND PLAYGROUND SURFACE — DETAIL 9 / L-300
- S9 — POURED IN PLACE RUBBER SURFACE — DETAIL 8 / L-300
- S10 — CANTILEVERED DECK W/ POST AND ROPE RAILING — DETAIL 5 / L-301

SITE FEATURES:

- S11 — GRAND LAWN ARBOR — DETAIL 1 / L-305
- S12 — PLAYGROUND GATEWAY — DETAIL 1 / L-303
- S13 — CIRCULAR ARBOR TREE — DETAIL 2 / L-303
- S14 — SWING TRELLIS — DETAIL 3 / L-305
- S15 — RAISED PLANTER / SEATWALL — DETAIL 6 / L-302
- S16 — PILE WALL — DETAIL 3 / L-302
- S17 — CURVED TONGUE & GROOVE WOOD WALL — TYPE 1 DETAIL 1 / L-302
- S18 — ROPE AND PILE FENCE — DETAIL 4 / L-302
- S19 — DISCOVERY TRAIL GATEWAY — DETAIL 3 / L-304
- S20 — 4' PLAYGROUND ENCLOSURE FENCE — DETAIL 6 / L-301
- S21 — BULKHEAD & RAILING — DETAIL 1 / L-301
- S22 — CABLE RAIL SYSTEM — DETAIL 2 / L-301
- S23 — BOARDWALK — DETAIL 4 / L-301

SITE FEATURES CONT'D:

- S24 — PLAYGROUND PEDESTRIAN BRIDGE — DETAIL 7 / L-301
- S25 — ON GRADE DECK AT COMPASS ROSE — DETAIL 3 / L-301
- S26 — PARK ID SIGN — DETAIL 1 / L-304
- S27 — SHADE UMBRELLAS — DETAIL 2 / L-305
- S28 — WATER FEATURE — SEE WATER FEATURE DRAWINGS
- S29 — INTERPRETIVE SIGNS — DETAIL 6 / L-306
- S30 — COMPASS ROSE PAVING AREA — DETAIL 1 / L-306
- S31 — PALM TREE PLANTER WELL — DETAIL 10 / L-300
- S32 — ON GRADE BOARDWALK — SEE CIVIL STRUCTURAL PLANS
- S33 — TRENCH DRAIN TYPES A & B — DETAIL 11 / L-300
- S34 — DECK DRAIN — DETAIL 12 / L-300
- S35 — I.D. / INCIDENTAL SIGNS — DETAIL 5 / L-306
- S36 — CURVED TONGUE & GROOVE WOOD WALL — TYPE 2 DETAIL 1 / L-302

RECREATION FEATURES:

- R1 — ICONIC SHIP STRUCTURE — BY OTHERS - FOR REFERENCE ONLY
- R2 — 2-5 YEAR STRUCTURE — BY OTHERS - FOR REFERENCE ONLY
- R3 — SWINGS — BY OTHERS - FOR REFERENCE ONLY
- R4 — MULTI-USER SWING PLATFORM — BY OTHERS - FOR REFERENCE ONLY
- R5 — WHIMSY RIDERS (DOLPHINS & SEA HORSE) — BY OTHERS - FOR REFERENCE ONLY
- R6 — FOSSIL DIGS (SHELLS, SHARK TEETH, CRABS) — BY OTHERS - FOR REFERENCE ONLY
- R7 — CLIMBING TURTLE — BY OTHERS - FOR REFERENCE ONLY
- R8 — SEESAW — BY OTHERS - FOR REFERENCE ONLY
- R9 — FROG SCULPTURE (ON BENCH) — DETAIL 4 / L-306
- R10 — TURTLES ON LOG — SEE SPECIFICATIONS & FOUNTAIN DRAWINGS
- R11 — WHIMSICAL BIRD SCULPTURES — SEE SPECIFICATIONS & FOUNTAIN DRAWINGS
- R12 — PARK INFORMATION KIOSK WITH MAP — DETAIL 2 / L-304
- R13 — LOG STEPPER — BY OTHERS - FOR REFERENCE ONLY
- R14 — LOG BALANCE BEAM — BY OTHERS - FOR REFERENCE ONLY
- R15 — LOG CRAWL / TUNNEL — BY OTHERS - FOR REFERENCE ONLY
- R16 — TALK TUBES — BY OTHERS - FOR REFERENCE ONLY

PAVING SCHEDULE:

- 4" OYSTER SHELL CONCRETE: SEE DETAIL 1/L-300
- 6" OYSTER SHELL CONCRETE: SEE DETAIL 1/L-300
- FRACTURED EARTH CONCRETE : SEE DETAIL 2/L-300
- POURED IN PLACE RUBBER SURFACE: TYPE 1 SEE DETAIL 8/L-300
- POURED IN PLACE RUBBER SURFACE: TYPE 2 SEE DETAIL 8/L-300
- CONCRETE CONTROL JOINT: SEE DETAIL 4/L-300
- CONCRETE EXPANSION JOINT: SEE DETAIL 4/L-300
- ROCK SALT CONCRETE: SEE DETAIL 1/L300
- BOARDFORM CONCRETE: SEE DETAIL 2/L-300
- ADA DETECTABLE WARNING: SEE CIVIL
- VEHICULAR PAVER PATTERN: SEE DETAIL 6/L300
- DECORATIVE PAVER (PEDESTRIAN): SEE DETAIL 7/L300
- SAND PLAYGROUND SURFACE: SEE DETAIL 9/L300

SITE FURNISHINGS SCHEDULE:

- PLAYGROUND FENCE: SEE DETAIL 6/L-301
- BENCH TYPE 1: QTY: (28) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. SEE 5/L-302 FOR MOUNTING.
- BENCH TYPE 2: QTY: (6) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. SEE 5/L-302 FOR MOUNTING.
- SINGLE TRASH RECEPTACLE: QTY: (13) SEE SPECS. FOR ADDITIONAL INFORMATION. PROVIDE CONC. BASE FOR MOUNTING.
- DOUBLE RECYCLING RECEPTACLE: QTY: (6) SEE SPECS. FOR ADDITIONAL INFORMATION. PROVIDE CONC. BASE FOR MOUNTING.
- STAMPED CONCRETE IMPRESSIONS: SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION - SEE DETAIL 3/L-300
- BIKE RACKS QTY. (44) & BIKE BOLLARD W/ LIGHT QTY. (6): SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- DECORATIVE BIKE RACK: QTY. (1) OWNER PROVIDED, OWNER INSTALLED - COORDINATE WITH OWNER.
- DRINKING FOUNTAIN TYPE A: QTY: (2) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- FOOTWASH: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- REMOVABLE BOLLARD: QTY: (6) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- FIXED BOLLARD: QTY: (13) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- CIRCULAR BENCH: QTY: (2) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- PET WASTE DISPOSAL STATION: QTY: (2) OWNER PROVIDED, OWNER INSTALLED
- I.D. & INCIDENTAL SIGNS (A, B, C, D, E) SEE SITE PLAN FOR LOCATIONS SEE DETAIL 5/L-306
- 16' & 20' SHADE UMBRELLA: SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- FALLEN TREE BENCH: QTY: (3) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- PICINIC TABLE: QTY: (4) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- ROWER: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- 2- PERSON ACCESSIBLE LATT PULL & VERTICAL PRESS: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- SINGLE ELLIPTICAL: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- TWO PERSON LEG PRESS: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- STAIR SLIMBER: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
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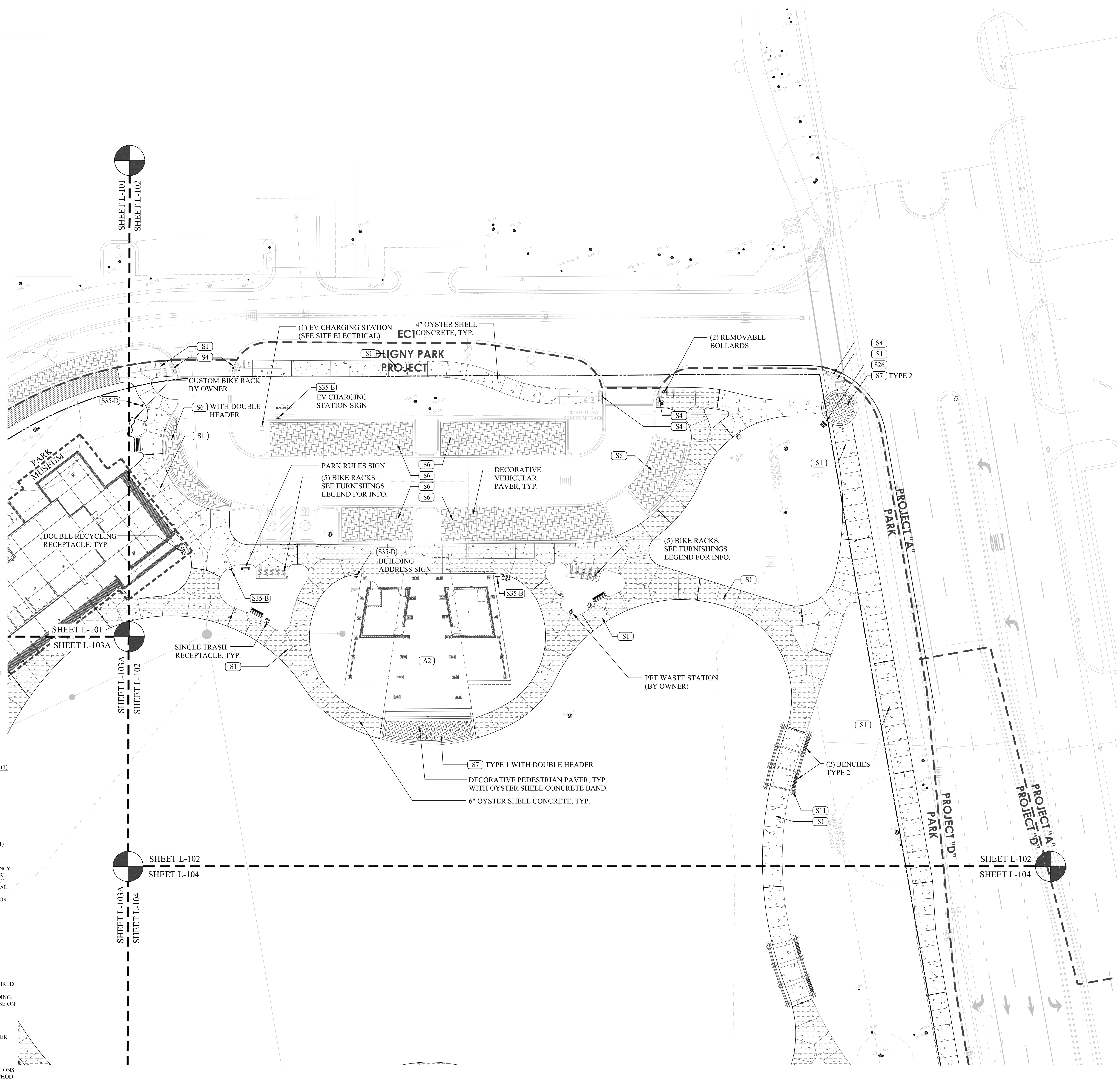
- SET OF 2 WHIMSICAL BIRD SCULPTURES: QTY: (1 SET) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- TURTLES ON LOG SCULPTURE: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- HUMAN SIZED FROG SCULPTURE (ON BENCH): QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- EMERGENCY TELEPHONE (TOLL FREE). PROVIDE EMERGENCY PHONE (TOLL FREE) IN WATERTIGHT ENCLOSURE PER DHEC REQUIREMENTS. MOUNT TO 6X6 P.T. POST AT 4' HT. WITH 1" CHAMFER AT TOP. PROVIDE WEATHER RESISTANT PHYSICAL ADDRESS OF POOL AND DISPLAY AT PHONE- PROVIDE SUBMITTAL FOR PHONE AND DISPLAY FOR APPROVAL PRIOR TO INSTALLATION.
- FAMILY OF THREE CRAB SCULPTURES: QTY: 1 SET OF 3 (1 LARGE, 1 MEDIUM, 1 SMALL) SEE SITE PLAN FOR LOCATIONS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.



GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES AND FOR AVOIDING ALL CONFLICTS WITH SAME. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
2. ALL DISTURBED AREAS AND PROPOSED EARTH GRADING NOT TO BE COVERED BY OTHER SURFACES SHALL BE GRASSED BY SEEDING, FERTILIZING, MULCHING AND WATERING AS REQUIRED TO OBTAIN AN ACCEPTABLE GROUND COVER, UNLESS SPECIFIED OTHERWISE ON THE PLANS.
3. ALL CONSTRUCTION SHALL BE IN COMPIANCE WITH FEDERAL, STATE AND LOCAL CODES.
4. THE CONTRACTOR SHALL PERFORM HIS OWN INVESTIGATIONS TO THE EXTENT NECESSARY TO DETERMINE THE EFFECTS OF SUB-SURFACE CONDITIONS ON THE WORK AND SHALL BID AND CONSTRUCT THE WORK IN ACCORDANCE WITH HIS FINDINGS.
5. DEMOLITION SHALL INCLUDE THE REMOVAL OF ALL PIPE, STRUCTURES OR DEBRIS WITHIN THE AREA OF CONSTRUCTION WHETHER SHOWN ON THE PLANS OR NOT.
6. CONSTRACTOR SHALL BE RESPONSIBLE FOR ENSURING PROPER DRAINAGE OF ANY AND ALL AREAS WHICH ARE FIELD ADJUSTED DURING CONSTRUCTION.
7. CONTRACTOR SHALL RESTORE DAMAGED FINISHES AND REPLACE DAMAGED OR DEFECTIVE UNITS.
8. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR TIMING OF AND RESPONSIBILITY OF DEMOLITION OPERATIONS.
9. CONTRACTOR SHALL PROVIDE STANDARD UTYL BENCH FOR PLACEMENT OF FROG SCULPTURE. SUBMIT SHOP DRAWING FOR METHOD OF ANCHORING.

0' 10' 20' 40' 60' 80'

SCALE: 1" - 20'-0"

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SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

G:\Projects-HHI\Parks\Coligny Park_DD&CDs\Production\Work CDs\01-16002 - SITE.dwg, Thursday, July 07, 2016, Printed By: Erik Ladd This document and all reproducible copies of this document are the property of wood + partners, inc. reproduction or alterations of this drawing without the written consent of wood + partners, inc. is not permitted. If this sheet is less than 30"x42" it is a reduced print, scale accordingly

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: BH, EL

CHECKED BY: TG

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PROFESSIONAL STAMPS:

SOUTH CAROLINA ... KYLE H. THEODORE

#	REVISION	DATE	BY

DATE 6-30-2016

PROJECT NUMBER 01-16002

SHEET TITLE: Site Plan

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 Hilton Head Island, SC 29925
843.681.6618 Fax 843.681.7086 www.woodandpartners.com

SHEET NUMBER

L-102

SITE KEY LEGEND:

ARCHITECTURE:

A1	MUSUEM BUILDING SEE ARCHITECTURAL DRAWINGS
A2	CONCERT PAVILION SEE ARCHITECTURAL DRAWINGS
A3	RESTROOM / DROP-OFF BUILDING SEE ARCHITECTURAL DRAWINGS
A4	POND PAVILION SEE ARCHITECTURAL DRAWINGS
A5	PLAYGROUND RESTROOM BUILDING SEE ARCHITECTURAL DRAWINGS

SITE WORK: PAVEMENT

S1	CONCRETE WALKWAY (4" & 6") DETAIL 1 / L-300
S2	STAMPED CONCRETE WALK DETAIL 2 / L-300
S3	STAMPED CONCRETE IMPRESSIONS DETAIL 3 / L-300
S4	DETECTABLE WARNING DEVICE SEE CIVIL
S5	CONCRETE CURB RESTRAINT DETAIL 9 / L-300
S6	VEHICULAR PAVING (PATTERN ONLY) DETAIL 6 / L-300 (SEE CIVIL FOR BASE TREATMENT)
S7	SPECIALTY PAVING (PEDESTRIAN) TYPE 1 & 2 DETAIL 7 / L-300
S8	SAND PLAYGROUND SURFACE DETAIL 9 / L-300
S9	POURED IN PLACE RUBBER SURFACE DETAIL 8 / L-300
S10	CANTILEVERED DECK W/ POST AND ROPE RAILING DETAIL 5 / L-301

SITE FEATURES:

S11	GRAND LAWN ARBOR DETAIL 1 / L-305
S12	PLAYGROUND GATEWAY DETAIL 1 / L-303
S13	CIRCULAR ARBOR TREE DETAIL 2 / L-303
S14	SWING TRELLIS DETAIL 3 / L-305
S15	RAISED PLANTER / SEATWALL DETAIL 6 / L-302
S16	PILE WALL DETAIL 3 / L-302
S17	CURVED TONGUE & GROOVE WOOD WALL TYPE 1 DETAIL 1 / L-302
S18	ROPE AND PILE FENCE DETAIL 4 / L-302
S19	DISCOVERY TRAIL GATEWAY DETAIL 3 / L-304
S20	4' PLAYGROUND ENCLOSURE FENCE DETAIL 6 / L-301
S21	BULKHEAD & RAILING DETAIL 1 / L-301
S22	CABLE RAIL SYSTEM DETAIL 2 / L-301
S23	BOARDWALK DETAIL 4 / L-301

SITE FEATURES CONT'D:

S24	PLAYGROUND PEDESTRIAN BRIDGE DETAIL 7 / L-301
S25	ON GRADE DECK AT COMPASS ROSE DETAIL 3 / L-301
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S29	INTERPRETIVE SIGNS DETAIL 6 / L-306
S30	COMPASS ROSE PAVING AREA DETAIL 1 / L-306
S31	PALM TREE PLANTER WELL DETAIL 10 / L-300
S32	ON GRADE BOARDWALK SEE CIVIL STRUCTURAL PLANS
S33	TRENCH DRAIN TYPES A & B DETAIL 11 / L-300
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S36	CURVED TONGUE & GROOVE WOOD WALL TYPE 2 DETAIL 1 / L-302

RECREATION FEATURES:

R1	ICONIC SHIP STRUCTURE BY OTHERS - FOR REFERENCE ONLY
R2	2-5 YEAR STRUCTURE BY OTHERS - FOR REFERENCE ONLY
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R8	SEESAW BY OTHERS - FOR REFERENCE ONLY
R9	FROG SCULPTURE (ON BENCH) DETAIL 4 / L-306
R10	TURTLES ON LOG SEE SPECIFICATIONS & FOUNTAIN DRAWINGS
R11	WHIMSICAL BIRD SCULPTURES SEE SPECIFICATIONS & FOUNTAIN DRAWINGS
R12	PARK INFORMATION KIOSK WITH MAP DETAIL 2 / L-304
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- 4" OYSTER SHELL CONCRETE: SEE DETAIL 1/L-300
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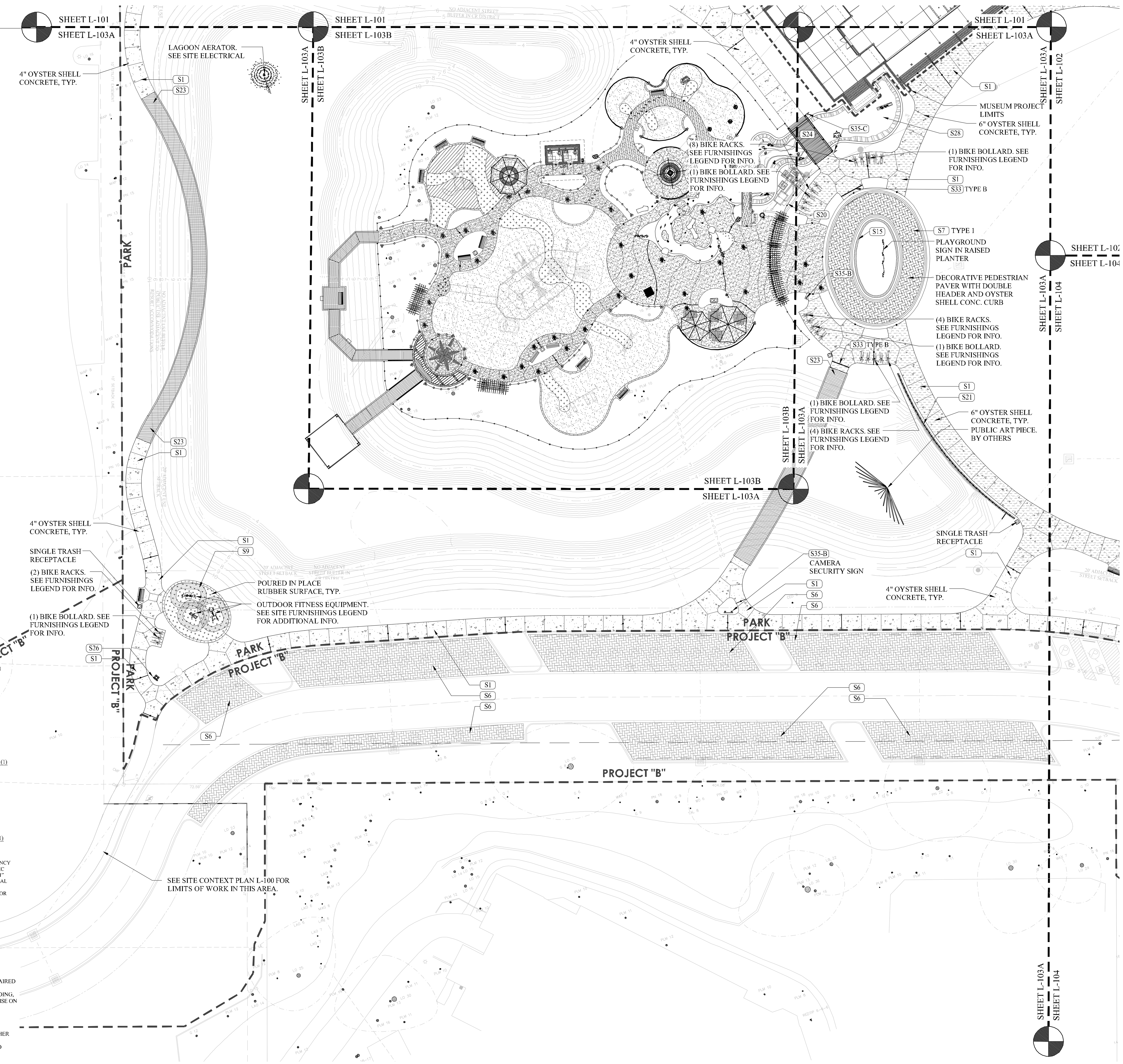

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0' 10' 20' 40' 60' 80'

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N

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

Wood+Partners Inc. WPi
Landscape Architects
Land Planners

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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PROFESSIONAL STAMPS:

SOUTH CAROLINA ... KYLE H. THEODORE

#	REVISION	DATE	BY

DATE 6-30-2016
PROJECT NUMBER 01-16002

SHEET TITLE
Site Plan

SHEET NUMBER
L-103A

SITE KEY LEGEND:

ARCHITECTURE:

A1	MUSEUM BUILDING SEE ARCHITECTURAL DRAWINGS
A2	CONCERT PAVILION SEE ARCHITECTURAL DRAWINGS
A3	RESTROOM / DROP-OFF BUILDING SEE ARCHITECTURAL DRAWINGS
A4	POND PAVILION SEE ARCHITECTURAL DRAWINGS
A5	PLAYGROUND RESTROOM BUILDING SEE ARCHITECTURAL DRAWINGS

SITE WORK: PAVEMENT

S1	CONCRETE WALKWAY (4" & 6") DETAIL 1 / L-300
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S7	SPECIALTY PAVING (PEDESTRIAN) TYPE 1 & 2 DETAIL 7 / L-300
S8	SAND PLAYGROUND SURFACE DETAIL 9 / L-300
S9	POURED IN PLACE RUBBER SURFACE DETAIL 8 / L-300
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SITE FEATURES:

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S18	ROPE AND PILE FENCE DETAIL 4 / L-302
S19	DISCOVERY TRAIL GATEWAY DETAIL 3 / L-304
S20	4' PLAYGROUND ENCLOSURE FENCE DETAIL 6 / L-301
S21	BULKHEAD & RAILING DETAIL 1 / L-301
S22	CABLE RAIL SYSTEM DETAIL 2 / L-301
S23	BOARDWALK DETAIL 4 / L-301

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- ADA DETECTABLE WARNING: SEE CIVIL
- VEHICULAR PAVER PATTERN: SEE DETAIL 6/L300
- DECORATIVE PAVER (PEDESTRIAN): SEE DETAIL 7/L300
- SAND PLAYGROUND SURFACE: SEE DETAIL 9/L300

SITE FURNISHINGS SCHEDULE:

- PLAYGROUND FENCE: SEE DETAIL 6/L-301
- BENCH TYPE 1: QTY: (28) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. SEE 5/L-302 FOR MOUNTING.
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- SINGLE TRASH RECEPTACLE: QTY: (13) SEE SPECS. FOR ADDITIONAL INFORMATION. PROVIDE CONC. BASE FOR MOUNTING.
- DOUBLE RECYCLING RECEPTACLE: QTY: (6) SEE SPECS. FOR ADDITIONAL INFORMATION. PROVIDE CONC. BASE FOR MOUNTING.
- STAMPED CONCRETE IMPRESSIONS: SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION - SEE DETAIL 3/L-300
- BIKE RACKS QTY. (44) & BIKE BOLLARD W/ LIGHT QTY. (6): SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- DECORATIVE BIKE RACK: QTY. (1) OWNER PROVIDED, OWNER INSTALLED - COORDINATE WITH OWNER.
- DRINKING FOUNTAIN TYPE A: QTY: (2) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- FOOTWASH: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- REMOVABLE BOLLARD: QTY: (6) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- FIXED BOLLARD: QTY: (13) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
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- PET WASTE DISPOSAL STATION: QTY: (2) OWNER PROVIDED, OWNER INSTALLED
- I.D. & INCIDENTAL SIGNS (A, B, C, D, E) SEE SITE PLAN FOR LOCATIONS SEE DETAIL 5/L-306
- 16' & 20' SHADE UMBRELLA: SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- FALLEN TREE BENCH: QTY: (3) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- PICINIC TABLE: QTY: (4) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- ROWER: QTY: (1) SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
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- FAMILY OF THREE CRAB SCULPTURES: QTY: 1 SET OF 3 (1 LARGE, 1 MEDIUM, 1 SMALL) SEE SITE PLAN FOR LOCATIONS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

GENERAL CONSTRUCTION NOTES:

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2. ALL DISTURBED AREAS AND PROPOSED EARTH GRADING NOT TO BE COVERED BY OTHER SURFACES SHALL BE GRASSED BY SEEDING, FERTILIZING, MULCHING AND WATERING AS REQUIRED TO OBTAIN AN ACCEPTABLE GROUND COVER, UNLESS SPECIFIED OTHERWISE ON THE PLANS.
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9. CONTRACTOR SHALL PROVIDE STANDARD UTYL BENCH FOR PLACEMENT OF FROG SCULPTURE. SUBMIT SHOP DRAWING FOR METHOD OF ANCHORING.

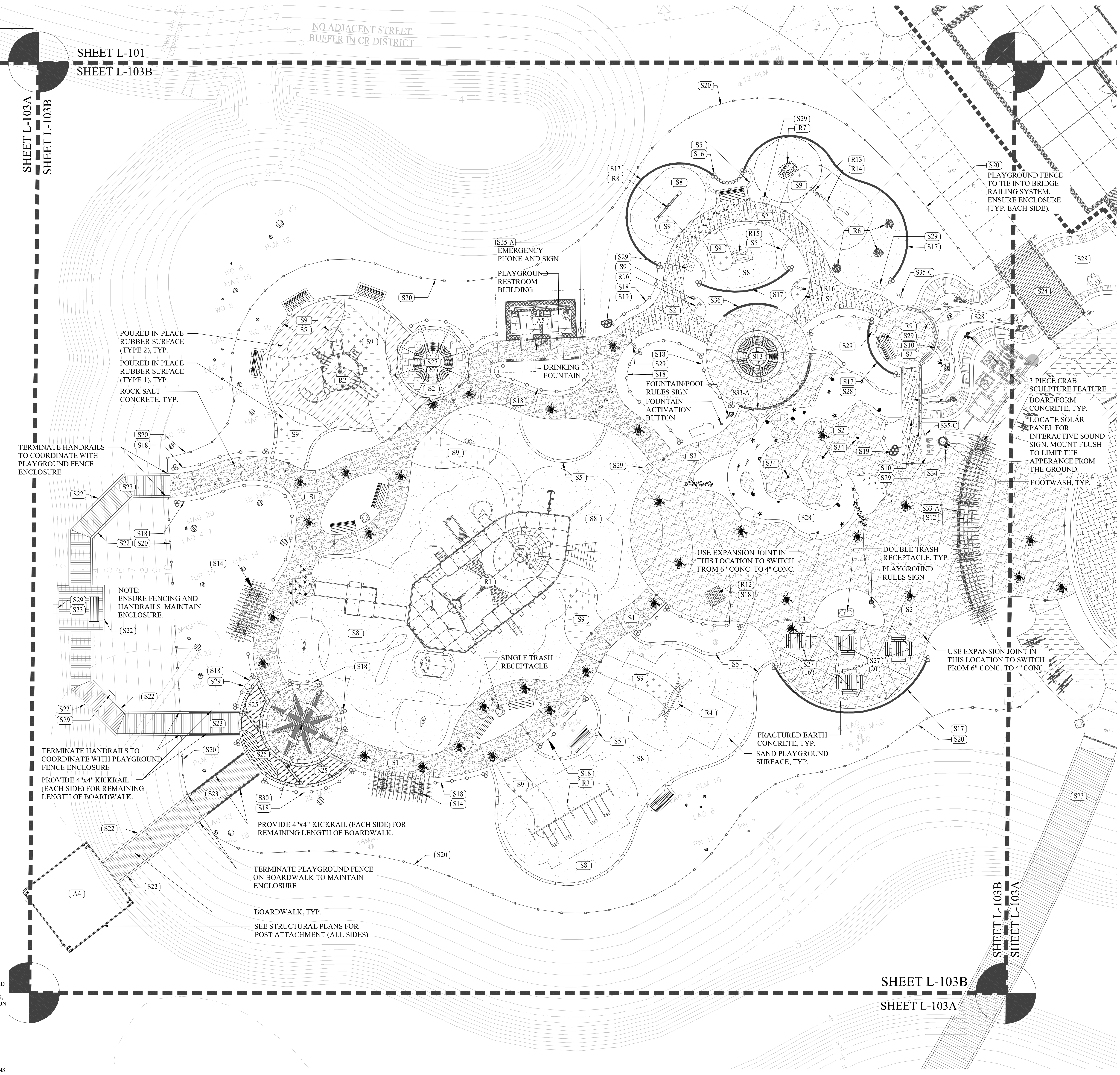
0' 5' 10' 20' 30' 40'

SCALE: 1" - 10'-0"

N

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.



Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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PROFESSIONAL STAMPS:
SOUTH CAROLINA ... KYLE H. THEODORE

#	REVISION	DATE	BY

DATE 6-30-2016
PROJECT NUMBER 01-16002
SHEET TITLE
Playground Site Plan

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 Hilton Head Island, SC 29925
843.681.6618 Fax 843.681.7086 www.woodandpartners.com

SHEET NUMBER
L-103B

G:\Projects-HHI\Parks\Coligny Park_DD&CDs\Production\Work CDs\01-16002 - SITE.dwg, Thursday, July 07, 2016, Printed By: Erik Ladd This document and all reproducible copies of this document are the property of wood partners, inc. reproduction or alterations of this drawing without the written consent of wood partners, inc. is not permitted. If this sheet is less than 30"x42" it is a reduced print, scale accordingly

SITE KEY LEGEND:

ARCHITECTURE:

- A1 MUSUEM BUILDING — SEE ARCHITECTURAL DRAWINGS
- A2 CONCERT PAVILION — SEE ARCHITECTURAL DRAWINGS
- A3 RESTROOM / DROP-OFF BUILDING — SEE ARCHITECTURAL DRAWINGS
- A4 POND PAVILION — SEE ARCHITECTURAL DRAWINGS
- A5 PLAYGROUND RESTROOM BUILDING — SEE ARCHITECTURAL DRAWINGS

SITE WORK: PAVEMENT

- S1 CONCRETE WALKWAY (4" & 6") — DETAIL 1 / L-300
- S2 STAMPED CONCRETE WALK — DETAIL 2 / L-300
- S3 STAMPED CONCRETE IMPRESSIONS — DETAIL 3 / L-300
- S4 DETECTABLE WARNING DEVICE — SEE CIVIL
- S5 CONCRETE CURB RESTRAINT — DETAIL 9 / L-300
- S6 VEHICULAR PAVING (PATTERN ONLY) — DETAIL 6 / L-300 (SEE CIVIL FOR BASE TREATMENT)
- S7 SPECIALTY PAVING (PEDESTRIAN) TYPE 1 & 2 — DETAIL 7 / L-300
- S8 SAND PLAYGROUND SURFACE — DETAIL 9 / L-300
- S9 POURED IN PLACE RUBBER SURFACE — DETAIL 8 / L-300
- S10 CANTILEVERED DECK W/ POST AND ROPE RAILING — DETAIL 5 / L-301

SITE FEATURES:

- S11 GRAND LAWN ARBOR — DETAIL 1 / L-305
- S12 PLAYGROUND GATEWAY — DETAIL 1 / L-303
- S13 CIRCULAR ARBOR TREE — DETAIL 2 / L-303
- S14 SWING TRELLIS — DETAIL 3 / L-305
- S15 RAISED PLANTER / SEATWALL — DETAIL 6 / L-302
- S16 PILE WALL — DETAIL 3 / L-302
- S17 CURVED TONGUE & GROOVE WOOD WALL — TYPE 1 DETAIL 1 / L-302
- S18 ROPE AND PILE FENCE — DETAIL 4 / L-302
- S19 DISCOVERY TRAIL GATEWAY — DETAIL 3 / L-304
- S20 4' PLAYGROUND ENCLOSURE FENCE — DETAIL 6 / L-301
- S21 BULKHEAD & RAILING — DETAIL 1 / L-301
- S22 CABLE RAIL SYSTEM — DETAIL 2 / L-301
- S23 BOARDWALK — DETAIL 4 / L-301

SITE FEATURES CONT'D:

- S24 PLAYGROUND PEDESTRIAN BRIDGE — DETAIL 7 / L-301
- S25 ON GRADE DECK AT COMPASS ROSE — DETAIL 3 / L-301
- S26 PARK ID SIGN — DETAIL 1 / L-304
- S27 SHADE UMBRELLAS — DETAIL 2 / L-305
- S28 WATER FEATURE — SEE WATER FEATURE DRAWINGS
- S29 INTERPRETIVE SIGNS — DETAIL 6 / L-306
- S30 COMPASS ROSE PAVING AREA — DETAIL 1 / L-306
- S31 PALM TREE PLANTER WELL — DETAIL 10 / L-300
- S32 ON GRADE BOARDWALK — SEE CIVIL STRUCTURAL PLANS
- S33 TRENCH DRAIN TYPES A & B — DETAIL 11 / L-300
- S34 DECK DRAIN — DETAIL 12 / L-300
- S35 I.D. / INCIDENTAL SIGNS — DETAIL 5 / L-306
- S36 CURVED TONGUE & GROOVE WOOD WALL — TYPE 2 DETAIL 1 / L-302

RECREATION FEATURES:

- R1 ICONIC SHIP STRUCTURE — BY OTHERS - FOR REFERENCE ONLY
- R2 2-5 YEAR STRUCTURE — BY OTHERS - FOR REFERENCE ONLY
- R3 SWINGS — BY OTHERS - FOR REFERENCE ONLY
- R4 MULTI-USER SWING PLATFORM — BY OTHERS - FOR REFERENCE ONLY
- R5 WHIMSY RIDERS (DOLPHINS & SEA HORSE) — BY OTHERS - FOR REFERENCE ONLY
- R6 FOSSIL DIGS (SHELLS, SHARK TEETH, CRABS) — BY OTHERS - FOR REFERENCE ONLY
- R7 CLIMBING TURTLE — BY OTHERS - FOR REFERENCE ONLY
- R8 SEESAW — BY OTHERS - FOR REFERENCE ONLY
- R9 FROG SCULPTURE (ON BENCH) — DETAIL 4 / L-306
- R10 TURTLES ON LOG — SEE SPECIFICATIONS & FOUNTAIN DRAWINGS
- R11 WHIMSICAL BIRD SCULPTURES — SEE SPECIFICATIONS & FOUNTAIN DRAWINGS
- R12 PARK INFORMATION KIOSK WITH MAP — DETAIL 2 / L-304
- R13 LOG STEPPER — BY OTHERS - FOR REFERENCE ONLY
- R14 LOG BALANCE BEAM — BY OTHERS - FOR REFERENCE ONLY
- R15 LOG CRAWL / TUNNEL — BY OTHERS - FOR REFERENCE ONLY
- R16 TALK TUBES — BY OTHERS - FOR REFERENCE ONLY

PAVING SCHEDULE:

- 4" OYSTER SHELL CONCRETE: SEE DETAIL 1/L-300
- 6" OYSTER SHELL CONCRETE: SEE DETAIL 1/L-300
- FRACTURED EARTH CONCRETE : SEE DETAIL 2/L-300
- POURED IN PLACE RUBBER SURFACE: TYPE 1 SEE DETAIL 8/L-300
- POURED IN PLACE RUBBER SURFACE: TYPE 2 SEE DETAIL 8/L-300
- CONCRETE CONTROL JOINT: SEE DETAIL 4/L-300
- CONCRETE EXPANSION JOINT: SEE DETAIL 4/L-300
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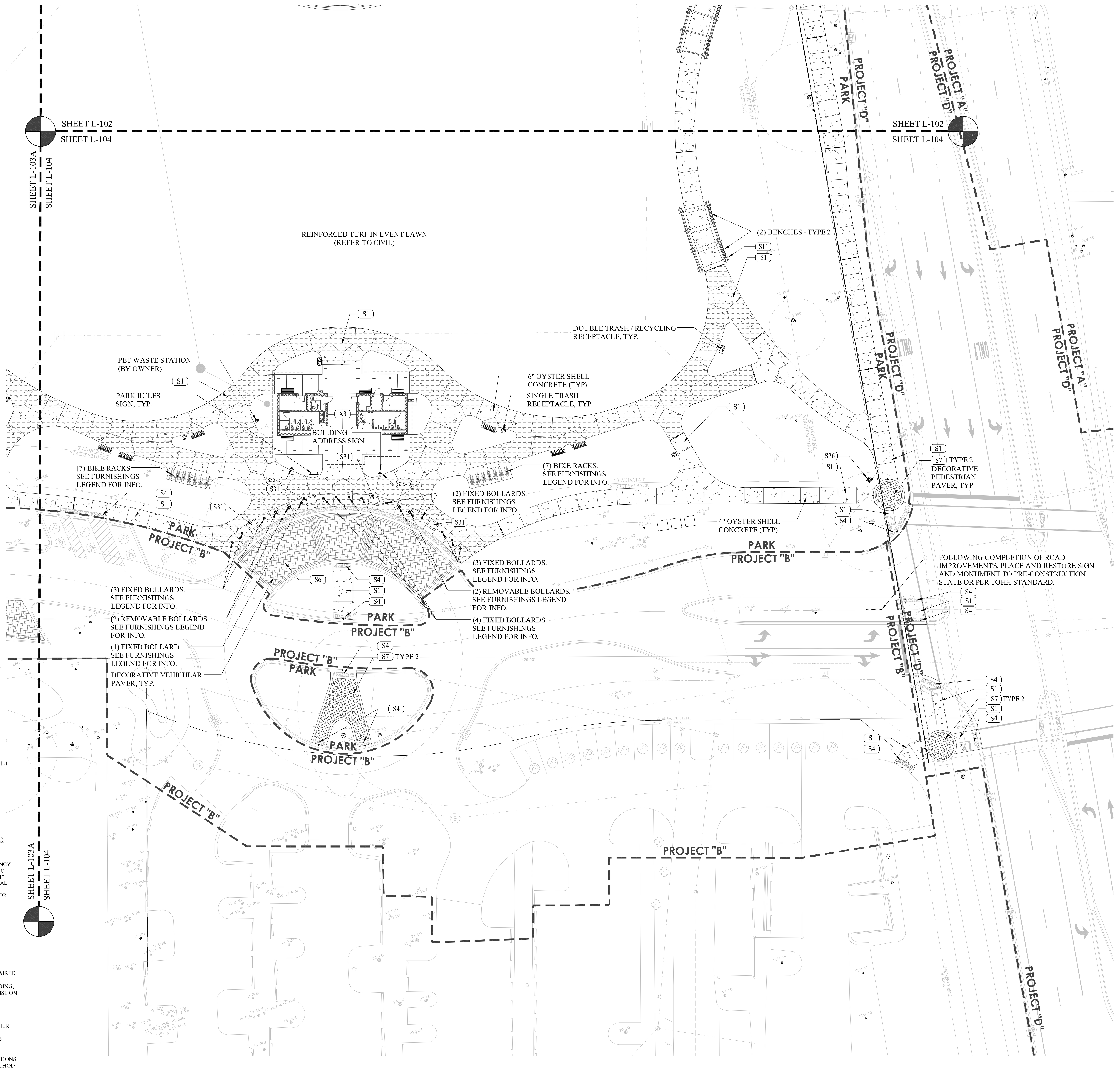
0' 10' 20' 40' 60' 80'

SCALE: 1" = 20'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.



Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: BH, EL

CHECKED BY: TG

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PROFESSIONAL STAMPS:

SOUTH CAROLINA LANDSCAPE ARCHITECT KYLE H. THEODORE

#	REVISION	DATE	BY

DATE 6-30-2016

PROJECT NUMBER 01-16002

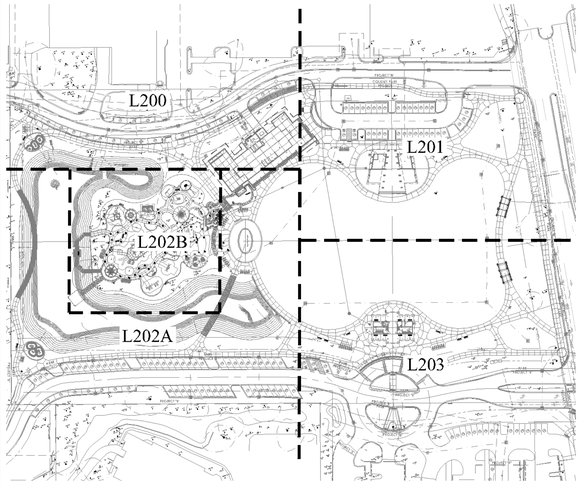
SHEET TITLE

Site Plan

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER

L-104



SHEET INDEX

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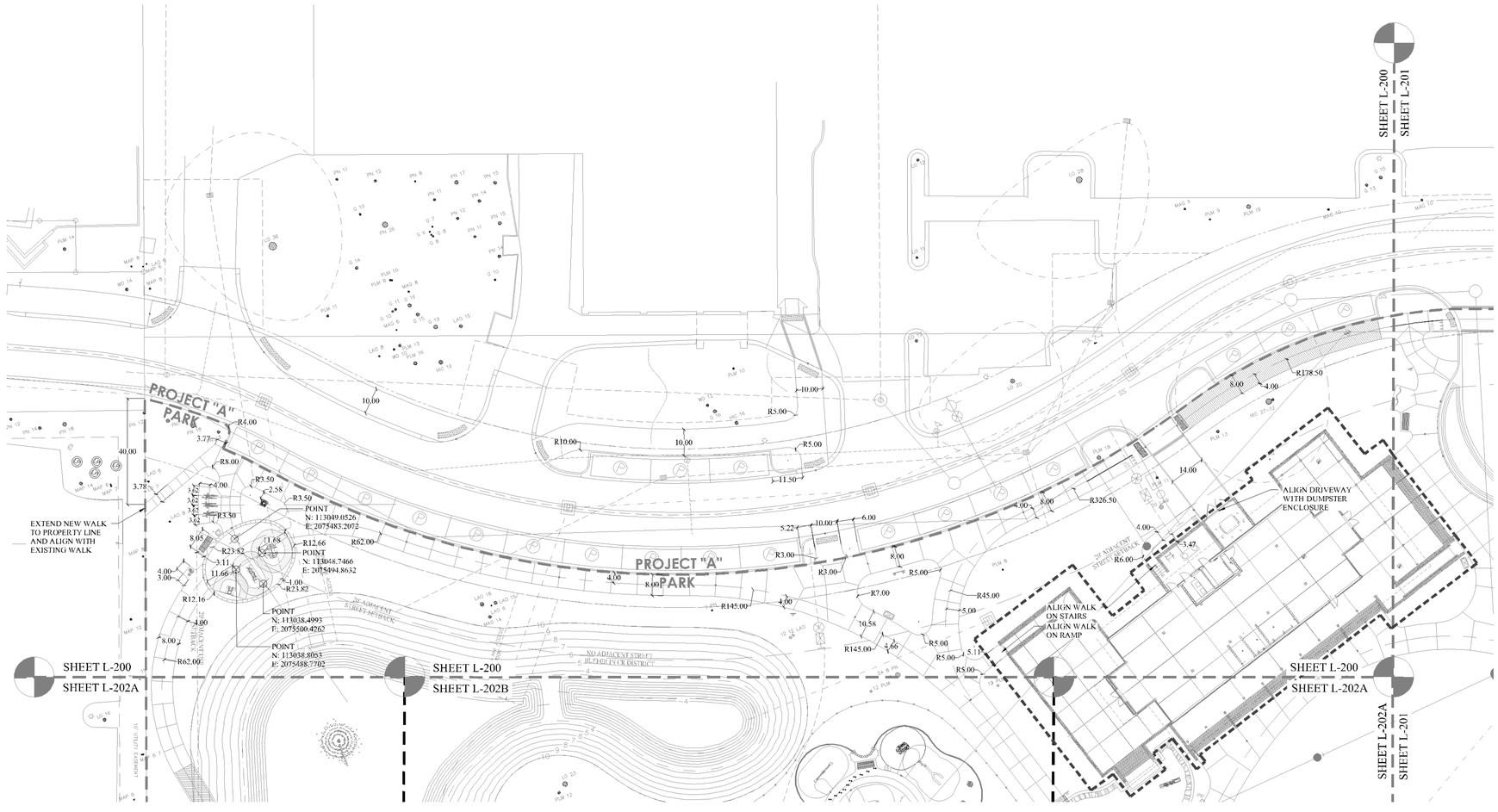

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SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATE NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
BH, EL

CHECKED BY:
TG

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PROFESSIONAL STAMPS:

SOUTH CAROLINA — KYLE H. THEODORE

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
Layout Plan

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6616 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

SHEET NUMBER
L-200

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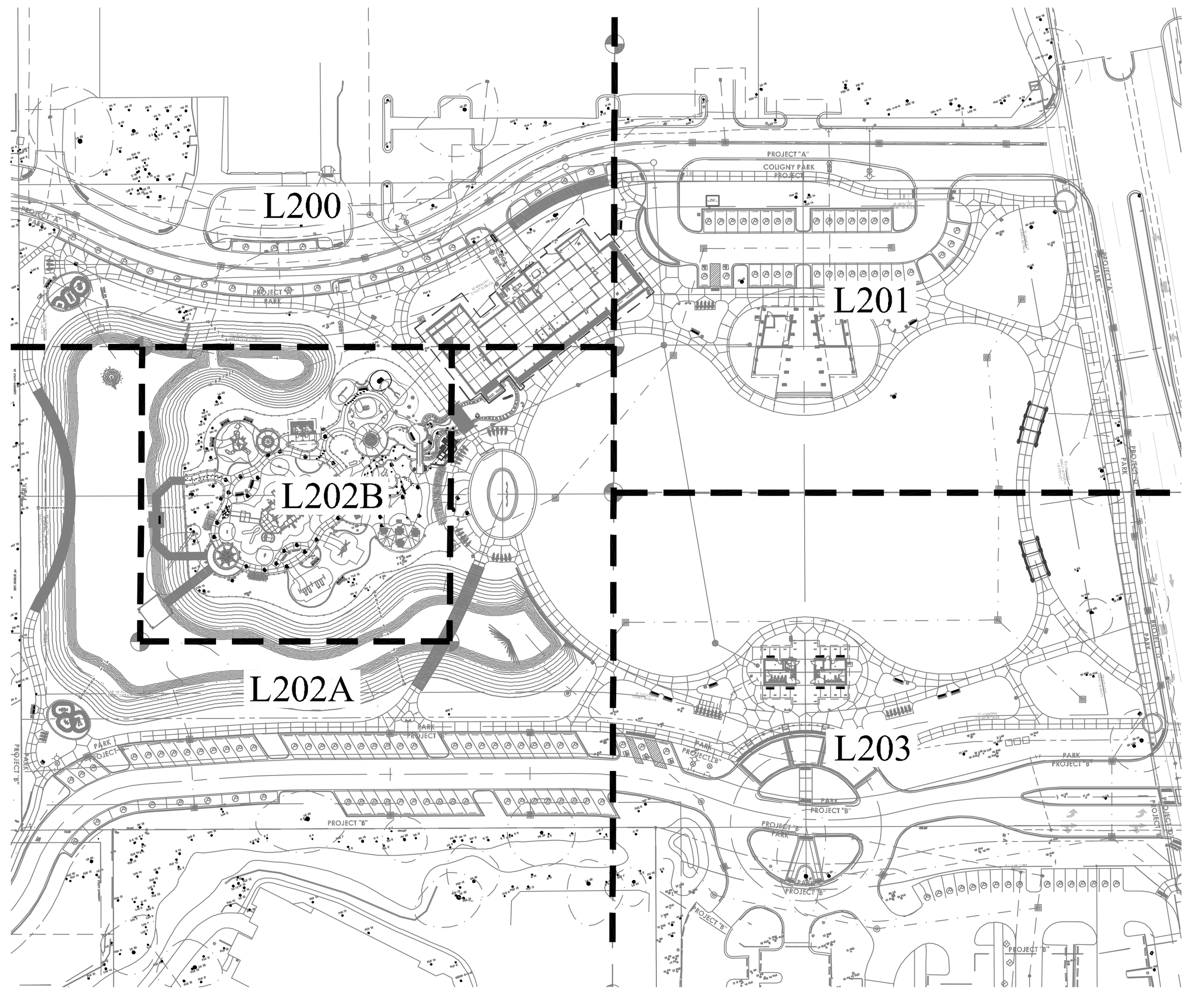

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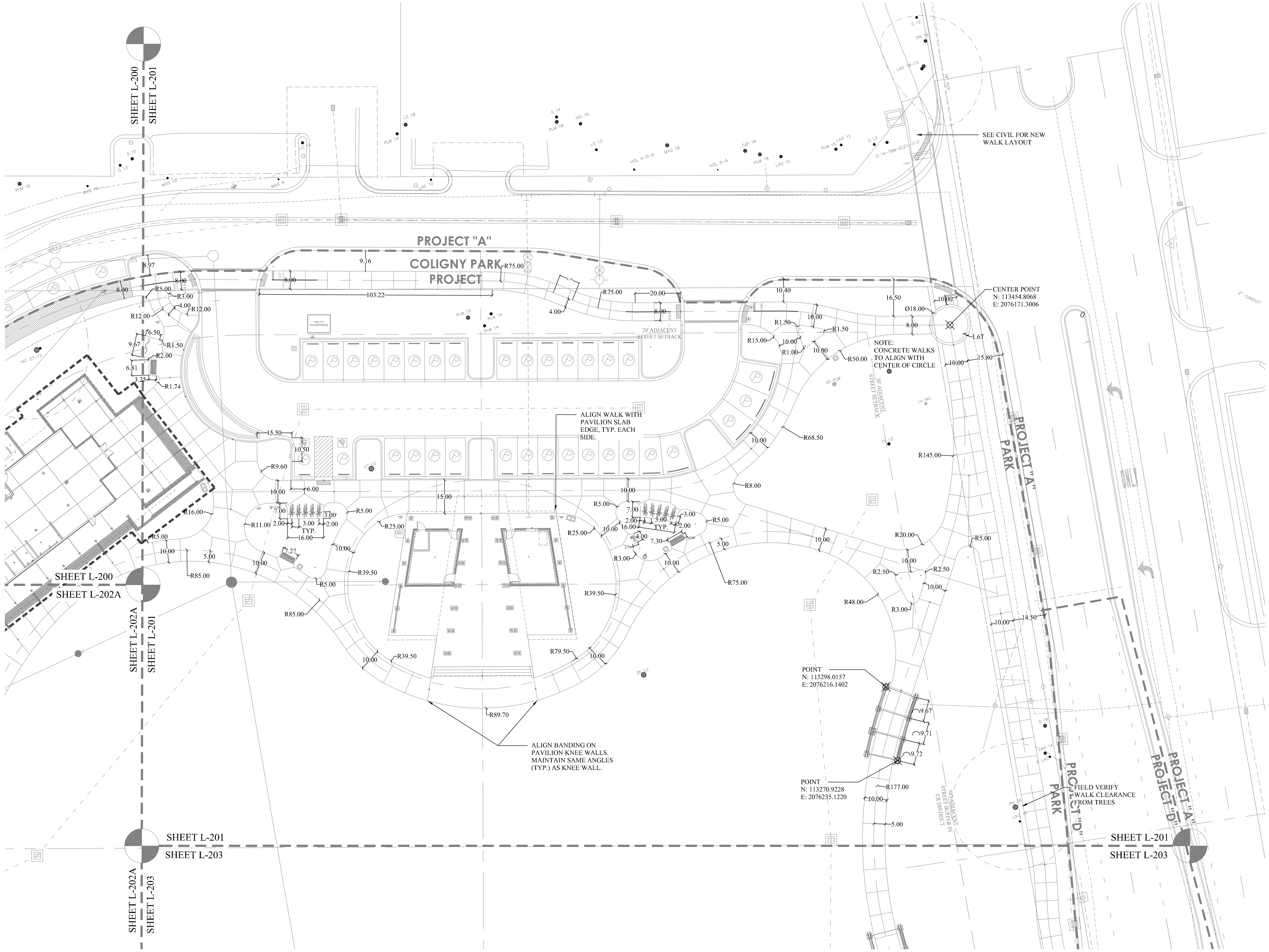

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Town of Hilton Head Island
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CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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PROFESSIONAL STAMPS:

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Layout Plan

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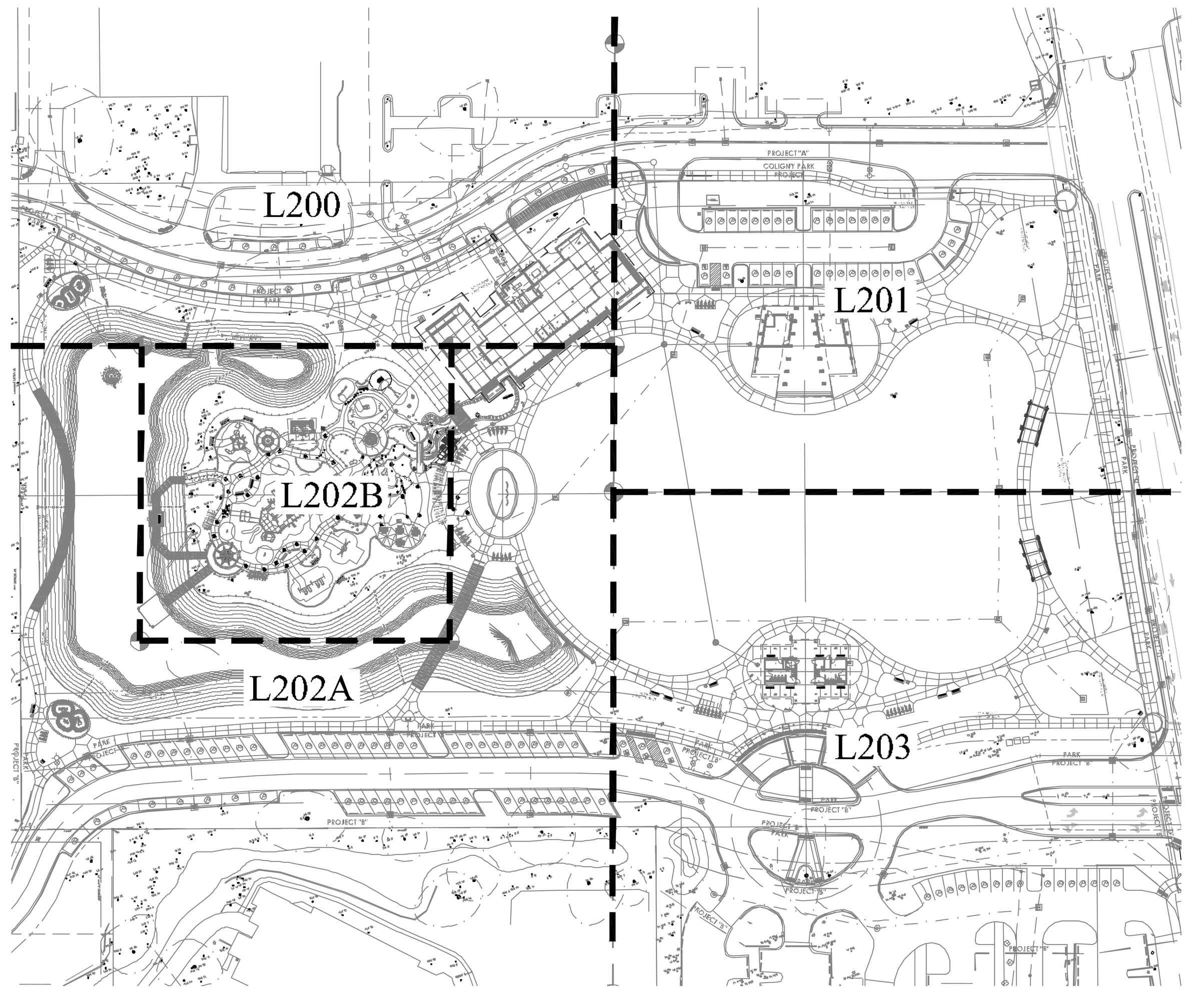

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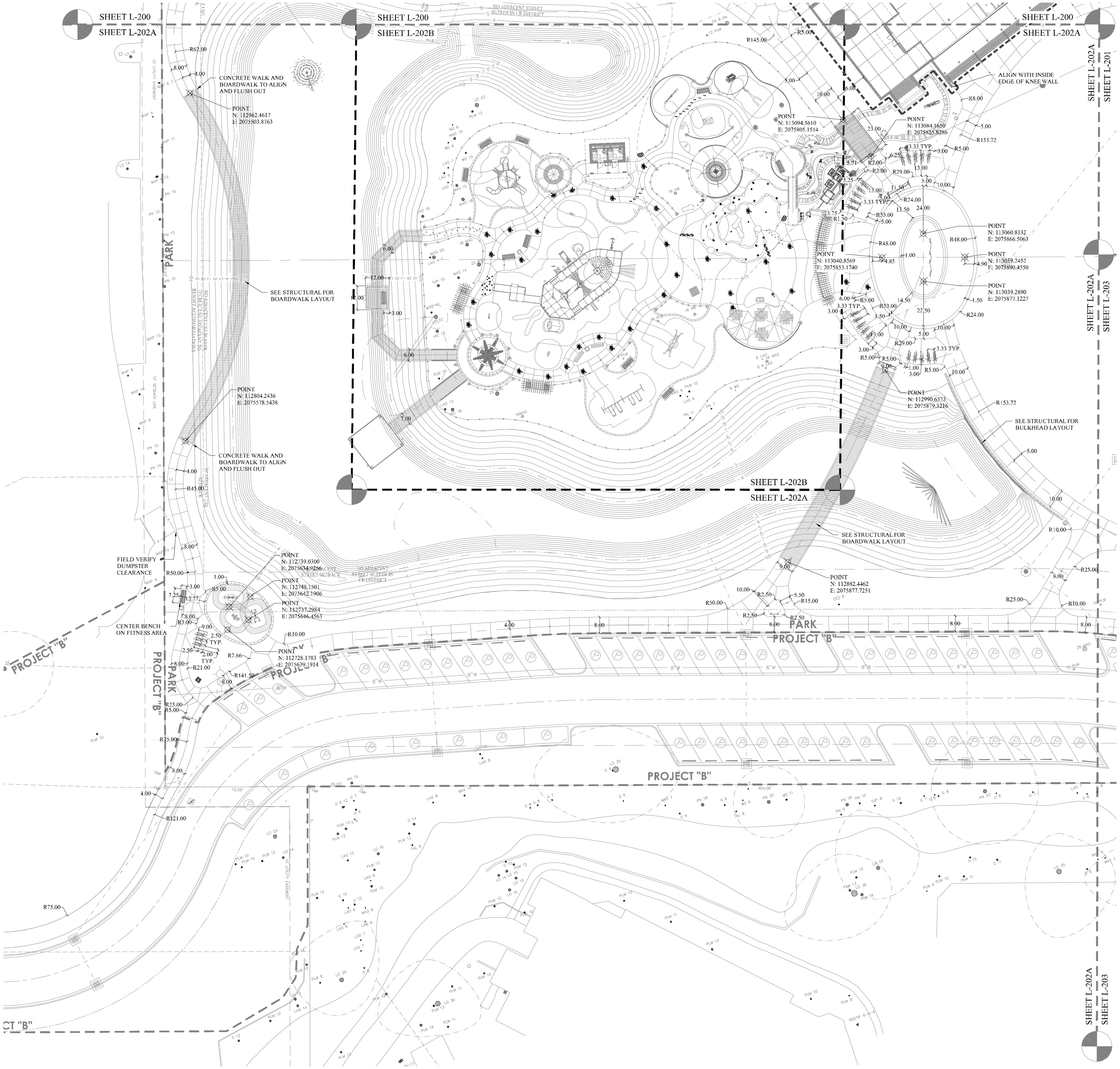

0' 10' 20' 40' 60' 80'

SCALE: 1" - 20'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

Wood+Partners Inc. WPi
Landscape Architects
Land Planners

PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
BH, EL
CHECKED BY:
TG

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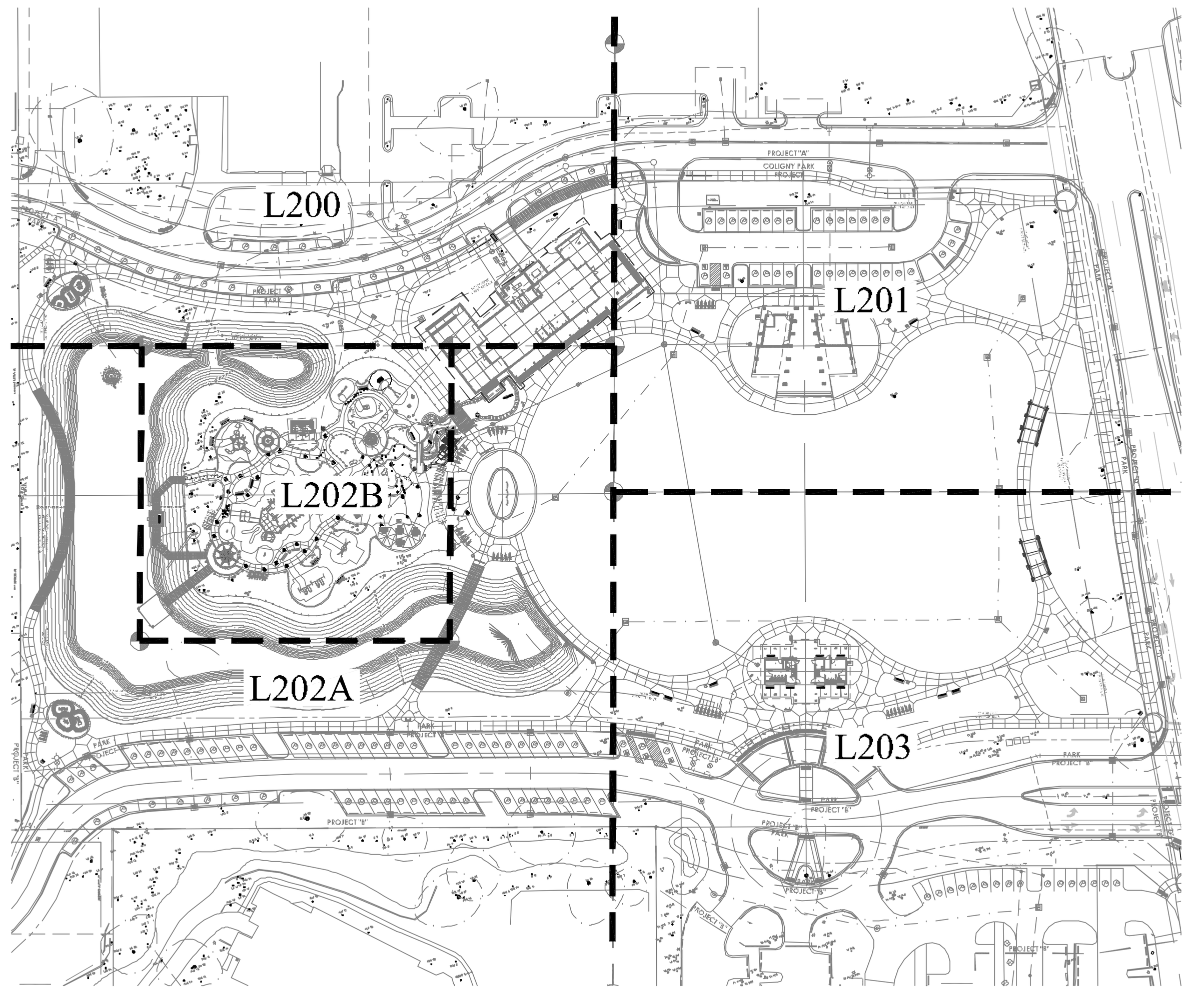
PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
Layout Plan

SHEET NUMBER
L-202A



SHEET INDEX

GENERAL LAYOUT NOTES:

1. SEE CIVIL PLANS FOR LAYOUT AND LOCATION OF UTILITIES, BUILDINGS, ROADS, CURB AND GUTTER, PARKING, ETC.
2. ALL CONSTRUCTION SHALL CONFORM TO EXCEED REGULATIONS OF THE TOWN OF HILTON HEAD, THE AMERICANS WITH DISABILITIES ACT, AND OTHER APPLICABLE STANDARDS AND GOVERNING AUTHORITIES.
3. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL STAKE ALL WORK TO BE CONSTRUCTED AND OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
5. DIGITAL FILES AVAILABLE FOR SURVEY STAKEOUT.
6. FENCE LAYOUT IS SCHEMATIC IN NATURE. LAYOUT FENCE SECTIONS IN TANGENTS. TOP RAIL OF FENCE TO BE CONSTANT OR HAVE NO MORE THAN A 1% SLOPE. FIELD MEASURE PANELS AS REQUIRED PRIOR TO FABRICATION.
7. CONTRACTOR SHALL PROVIDE MOCK-UPS OF ALL HARDSCAPE AND FENCING FOR APPROVAL PRIOR TO CONSTRUCTION.

BLUE HERON TRACKS
(PROVIDE UP TO MAXIMUM 40)

PALMETTO FROND (LARGE)
(PROVIDE UP TO MAXIMUM 40)

MOLLUSK SHELL
(PROVIDE UP TO MAXIMUM 12)

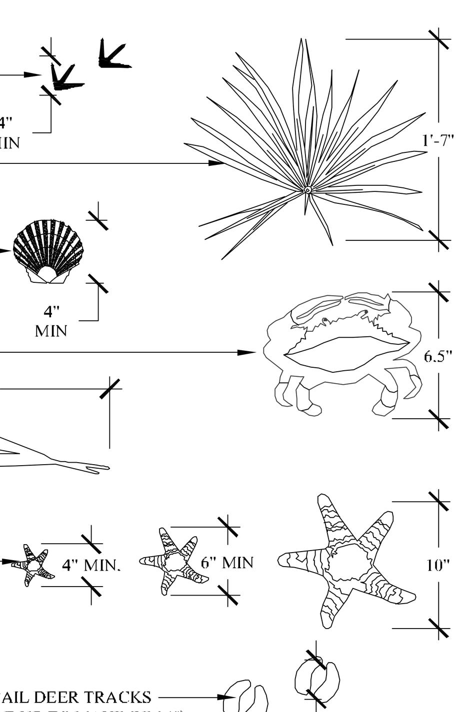
CRAB STAMP
(PROVIDE UP TO MAXIMUM 20)

FISH STAMP
(PROVIDE UP TO MAXIMUM 16)

LARGE, MEDIUM & SMALL STARFISH
(PROVIDE UP TO MAXIMUM (20) 4", (10) 6", (10) 10")

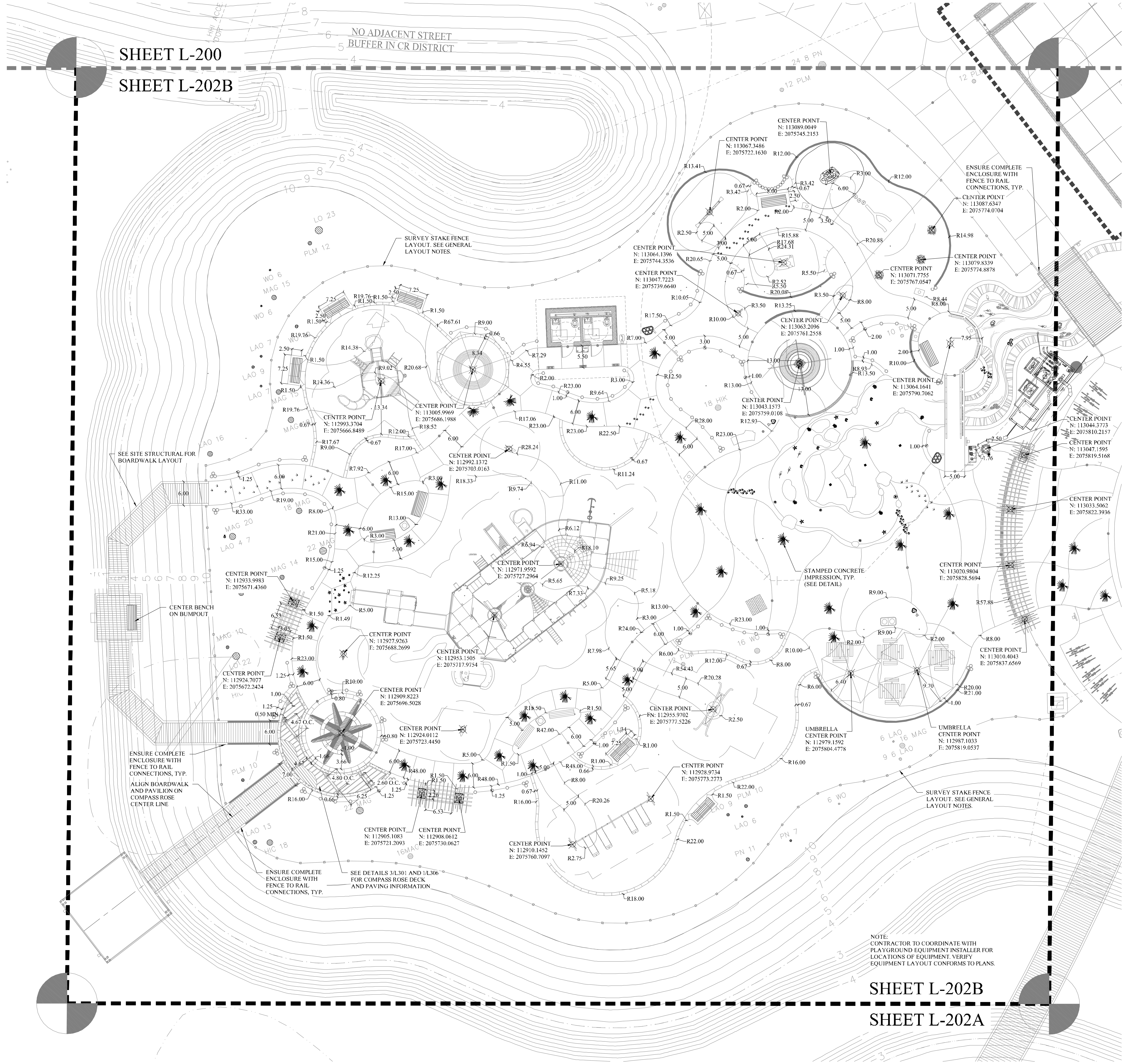
RACOON TRACKS
(PROVIDE UP TO MAXIMUM 40)

WHITE TAIL DEER TRACKS
(PROVIDE UP TO MAXIMUM 40)



NOTE:
1. CONTRACTOR SHALL UTILIZE CONSISTENT IMPRESSIONS FOR ITEMS.
2. CONTRACTOR SHALL PROVIDE SAMPLE (MIN 4'X4') CONCRETE IMPRESSIONS OF EACH TYPE ON CONCRETE SAMPLES (CONCRETE SAMPLE DETERMINED BY TYPE OF CONCRETE FINISH UPON WHICH THE IMPRESSION WILL BE APPLIED) FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO STARTING WORK. FINAL APPROVED SAMPLES SHALL BE PROTECTED ON SITE TO PROVIDE STANDARD OF EXPECTED CONSTRUCTION.
3. SEE SPECIFICATIONS FOR PERFORMANCE REQUIREMENTS INCLUDING INTEGRAL COLOR.

STAMPED CONCRETE IMPRESSIONS



SCALE: 1" - 10'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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PROFESSIONAL STAMPS:

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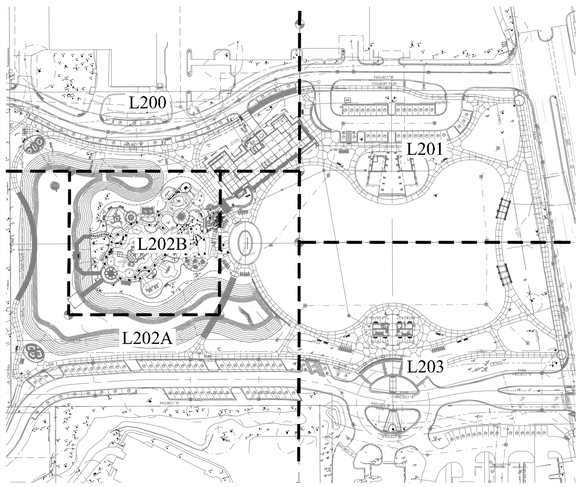
DATE 6-30-2016
PROJECT NUMBER 01-16002
SHEET TITLE
Playground Layout Plan

Wood+Partners Inc.
Landscape Architects
Land Planners

SHEET NUMBER
L-202B



SHEET INDEX

GENERAL LAYOUT NOTES:

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2. ALL CONSTRUCTION SHALL CONFORM TO EXCEED REGULATIONS OF THE TOWN OF HILTON HEAD, THE AMERICANS WITH DISABILITIES ACT, AND OTHER APPLICABLE STANDARDS AND GOVERNING AUTHORITIES.
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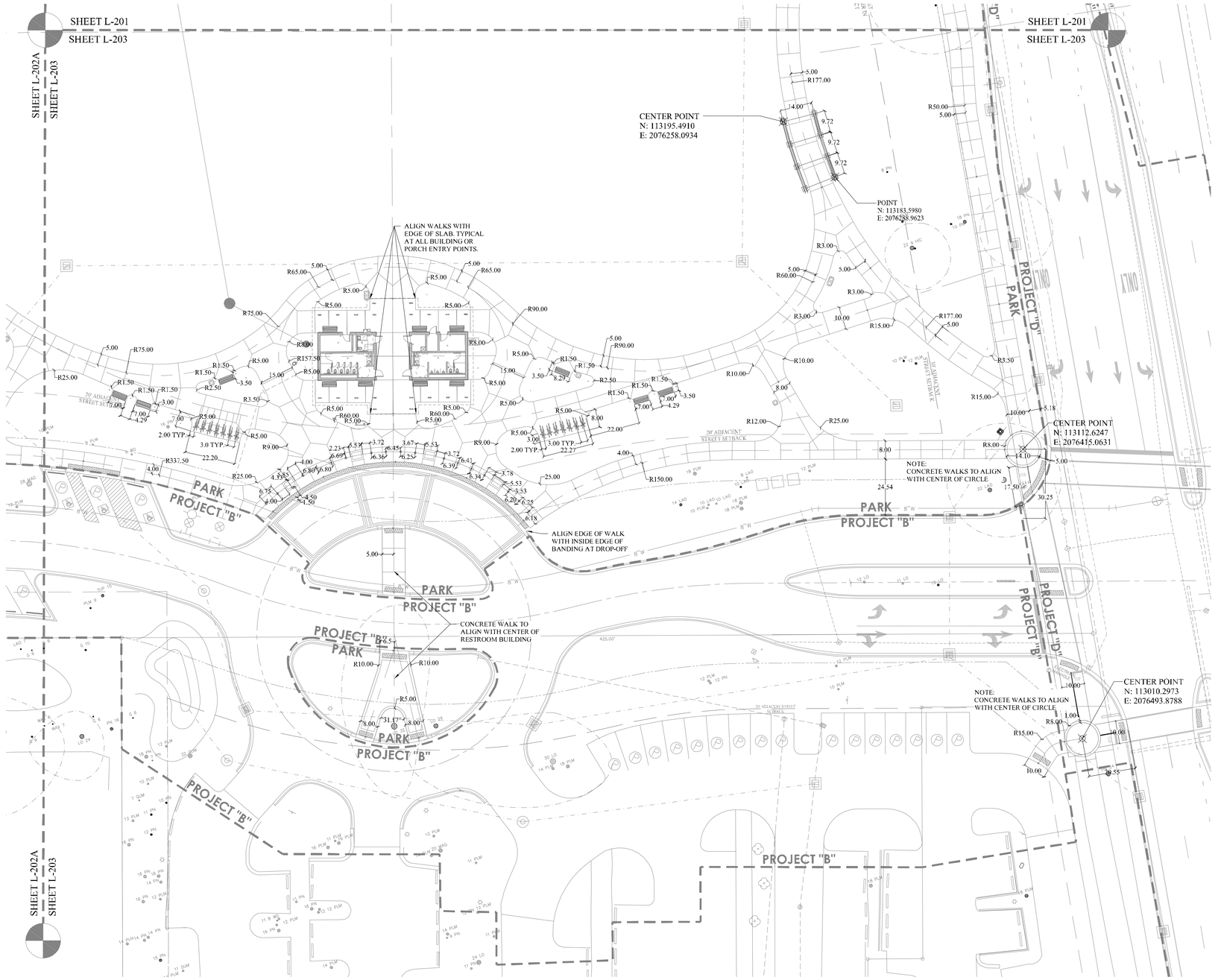

0' 10' 20' 40' 60' 80'

SCALE: 1" - 20'-0"

N

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
BH, EL

CHECKED BY:
TG

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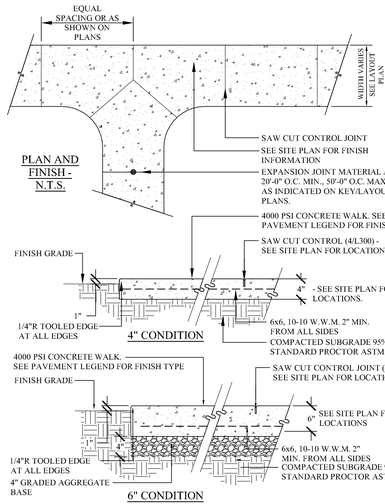
DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
Layout Plan

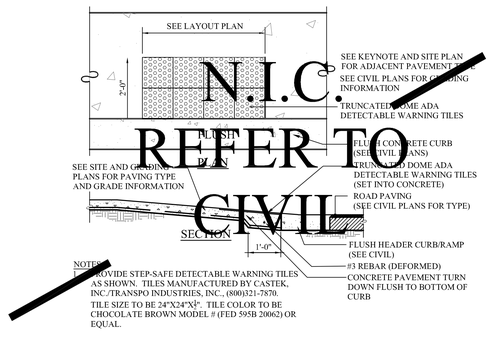
Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 ▪ Hilton Head Island, SC 29925
843.681.6616 ▪ Fax 843.681.7286 ▪ www.woodandpartners.com

SHEET NUMBER
L-203



NOTES:
1. CONTRACTOR TO PROVIDE A 4' X 4' (MIN.) SAMPLE PANEL(S) OF EACH FINISH TYPE FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
2. FINAL APPROVED SAMPLES SHALL BE PROTECTED ON SITE TO PROVIDE STANDARD OF EXPECTED CONSTRUCTION.
3. ANY INSTANCE IN WHICH ADJACENT CONCRETE SURFACES ARE DISSIMILAR, ABUT DIFFERENT PAVING MATERIALS, OR MEET VERTICAL ELEMENTS THE CONTRACTOR MUST PROVIDE AN EXPANSION JOINT.
4. SEE "PAVING SCHEDULE" ON SITE PLAN FOR FINISH INFORMATION.
5. SEE SPECIFICATIONS FOR DETAILS REGARDING TABBY SHELL APPLICATION RATES; SALT FINISH AND INTEGRAL COLOR REQUIREMENTS

1 L300 CONCRETE WALK (4" & 6")
SCALE: 1" = 1'-00"

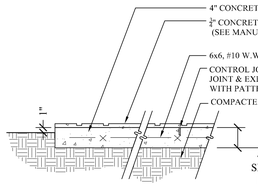


NOTES:
1. PROVIDE STEP-SAFE DETECTABLE WARNING TILES AS SHOWN. TILES MANUFACTURED BY CASTEK, INC./TRANSPO INDUSTRIES, INC., (800)321-7870. TILE SIZE TO BE 24"X24"X¾". TILE COLOR TO BE CHOCOLATE BROWN MODEL # (FED 595B 20062) OR EQUAL.

2 L300 STAMPED CONCRETE TYPE A & B
SCALE: 1" = 1'-00"

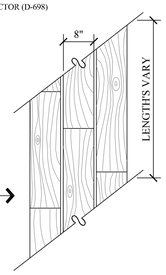
STAMPED CONCRETE (TYPE A): FRACTURED EARTH

NOTES:
1. CONTRACTOR TO PROVIDE A 4' X 4' SAMPLE PANEL FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
2. SAMPLE PANELS SHALL NOT BE PART OF WORK.
3. FINAL APPROVED SAMPLES SHALL BE PROTECTED ON SITE TO PROVIDE STANDARD OF EXPECTED CONSTRUCTION.
4. SEE SPECS FOR INTEGRAL COLOR AND RELEASE AGENT COLOR.
5. ALL FRACTURED EARTH AREAS SHALL BE AT A DEPTH OF 6".



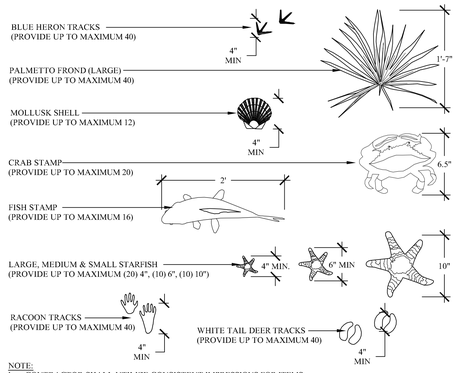
***NOTE: 6" CONCRETE AREAS SHALL INCLUDE 4" OF COMPACTED AGGREGATE AS A BASE. SEE DETAIL 1/L-300 FOR 6" CONCRETE REFERENCE.

STAMPED CONCRETE (TYPE B): BOARD PATTERN



NOTES:
1. CONTRACTOR TO PROVIDE A 4' X 4' SAMPLE PANEL FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
2. FINAL APPROVED SAMPLES SHALL BE PROTECTED ON SITE TO PROVIDE STANDARD OF EXPECTED CONSTRUCTION.
3. SEE SPECS FOR INTEGRAL COLOR AND RELEASE AGENT COLOR.

3 L300 STAMPED CONCRETE IMPRESSIONS
SCALE: 1" = 1'-00"



NOTE:
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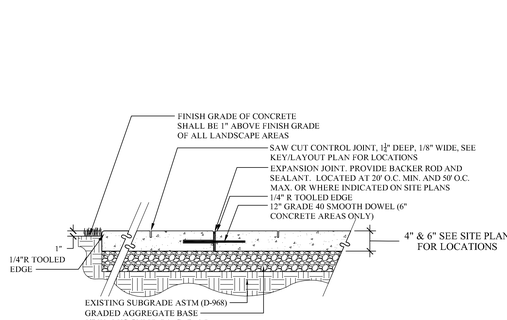
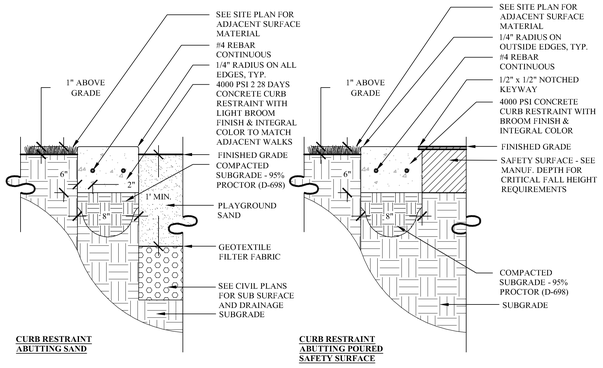
2. CONTRACTOR SHALL PROVIDE SAMPLE (MIN 4'X4') CONCRETE IMPRESSIONS OF EACH TYPE ON CONCRETE SAMPLES (CONCRETE SAMPLE DETERMINED BY TYPE OF CONCRETE FINISH UPON WHICH THE IMPRESSION WILL BE APPLIED) FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO STARTING WORK. FINAL APPROVED SAMPLES SHALL BE PROTECTED ON SITE TO PROVIDE STANDARD OF EXPECTED CONSTRUCTION.
3. SEE SPECIFICATIONS FOR PERFORMANCE REQUIREMENTS INCLUDING INTEGRAL COLOR.

4 L300 CONCRETE CONTROL & EXPANSION JOINTS
SCALE: 1" = 1'-00"

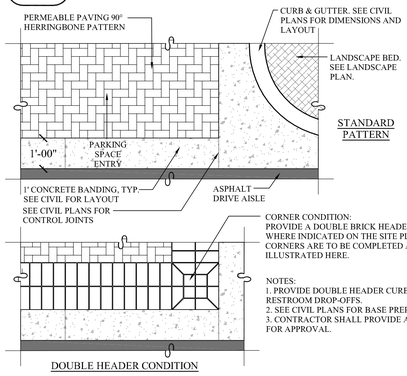


5 L300 A.D.A. DOME TILES
SCALE: 1/2" = 1'-00"



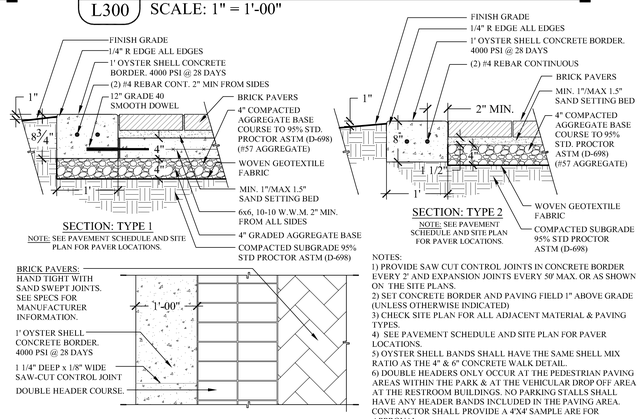
NOTE:
1. SEE CIVIL PLANS FOR LOCATIONS OF SUBSURFACE DRAINAGE
2. SET CONCRETE CURB / RESTRAINT 1" ABOVE FINISHED GRADE OF SAND.
3. PROVIDE CONTROL JOINTS EVERY 18" AND EXPANSION JOINTS EVERY 50' MAX OR AS SHOWN ON PLANS.
4. CURB SHALL BE INTEGRAL COLOR CONCRETE - SEE SPECS.
5. PROVIDE 1/2" PREFORMED EXPANSION JOINT
6. VERIFY WITH PLAYGROUND MANUFACTURER FOR MINIMUM DEPTH REQUIRED.
7. SAND SOURCE:
   JL WILSON TRUCKING CO,
   PO BOX 1036, HARDEEVILLE, SC 29927
   843.384.8795

6 L300 DECORATIVE PAVERS (VEHICULAR) PATTERN ONLY
SCALE: 1/2" = 1'-00"



NOTES:
1. PROVIDE DOUBLE HEADER CURBS AT MUSEUM AND RESTROOM DROP-OFFS.
2. SEE CIVIL PLANS FOR BASE PREP/TREATMENT.
3. CONTRACTOR SHALL PROVIDE A 4'X4' SAMPLE ARE FOR APPROVAL.

7 L300 SPECIALTY PAVING (PEDESTRIAN) TYPE 1 & 2
SCALE: 1" = 1'-00"



NOTES:
1) PROVIDE SAW CUT CONTROL JOINTS IN CONCRETE BORDER EVERY 2' AND EXPANSION JOINTS EVERY 50' MAX. OR AS SHOWN ON THE SITE PLANS.
2) SET CONCRETE BORDER AND PAVING FIELD 1" ABOVE GRADE (UNLESS OTHERWISE INDICATED)
3) CHECK SITE PLAN FOR ALL ADJACENT MATERIAL & PAVING TYPES.
4) SEE PAVEMENT SCHEDULE AND SITE PLAN FOR PAVER LOCATIONS.
5) OYSTER SHELL BANDS SHALL HAVE THE SAME SHELL MIX RATIO AS THE 4" & 6" CONCRETE WALK DETAIL.
6) DOUBLE HEADERS ONLY OCCUR AT THE PEDESTRIAN PAVING AREAS WITHIN THE PARK & AT THE VEHICULAR DROP OFF AREA AT THE RESTROOM BUILDINGS. NO PARKING STALLS SHALL HAVE ANY HEADER BANDS INCLUDED IN THE PAVING AREA. CONTRACTOR SHALL PROVIDE A 4'X4' SAMPLE ARE FOR APPROVAL.

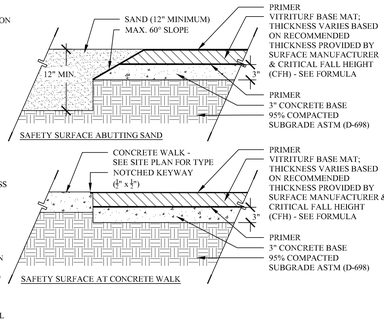
8 L300 POURED IN PLACE RUBBER PLAYGROUND SURFACE
SCALE: 1" = 1'-00"

VITRUTURF BRAND RECOMMENDED COMBINED SURFACE THICKNESS, BASED ON CRITICAL FALL HEIGHT (CFH)

CFH	COMBINED PRODUCT THICKNESS
5'	2.0"
6'	2.5"
7'	3.0"
8'	3.5"
9'	4.0"
10'	4.5"

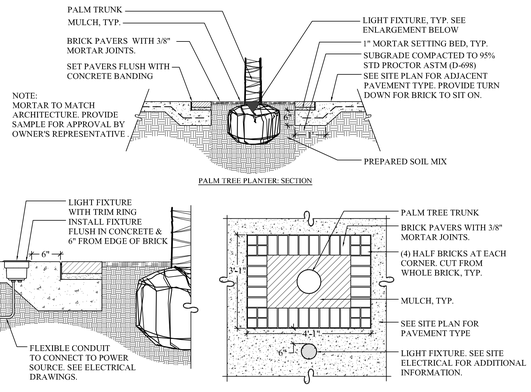
FORMULA:
MANUFACTURER RECOMMENDED THICKNESS MINUS WEARING COURSE (¼") EQUALS BASE MAT THICKNESS

**NOTES:
1. ALL CONCRETE BASE PADS / SLABS SHALL INCORPORATE NECESSARY JOINTING, BOTH EXPANSION AND CONTROL AS NEEDED. EXPANSION JOINTS SHALL BE PROVIDED BETWEEN SEPARATE CONCRETE POURS.
2. SEE PAVING SCHEDULE AND SPECIFICATIONS FOR COLOR VARIATIONS (TYPE 1 AND 2 LOCATIONS)
3. A 4'X4' SAMPLE PANEL SHALL BE PROVIDED FOR APPROVAL.

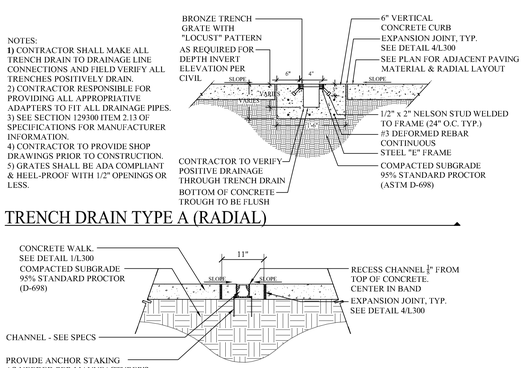


9 L300 SAND PLAYGROUND SURFACE & CONCRETE CURB RESTRAINT
SCALE: 1 1/2" = 1'-00"

10 L300 PALM TREE PLANTER WELL
SCALE: 1/2" = 1'-00"



11 L300 TRENCH DRAIN
SCALE: 3/4"" = 1'-00"



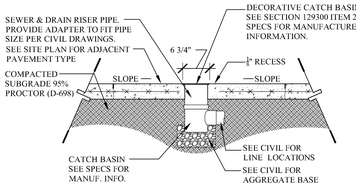
NOTES:
1) CONTRACTOR SHALL MAKE ALL TRENCH DRAIN TO DRAINAGE LINE CONNECTIONS AND FIELD VERIFY ALL TRENCHES POSITIVELY DRAIN.
2) CONTRACTOR RESPONSIBLE FOR PROVIDING ALL APPROPRIATIVE ADAPTERS TO FIT ALL DRAINAGE PIPES.
3) SEE SECTION 129300 ITEM 2.13 OF SPECIFICATIONS FOR MANUFACTURER INFORMATION.
4) CONTRACTOR TO PROVIDE SHOP DRAWINGS PRIOR TO CONSTRUCTION.
5) GRATES SHALL BE ADA COMPLIANT & HEEL-PROOF WITH 1/2" OPENINGS OR LESS.

TRENCH DRAIN TYPE A (RADIAL)

NOTES:
1) CONTRACTOR SHALL MAKE ALL TRENCH DRAIN TO DRAINAGE LINE CONNECTIONS AND FIELD VERIFY ALL TRENCHES POSITIVELY DRAIN.
2) CONTRACTOR RESPONSIBLE FOR PROVIDING ALL APPROPRIATIVE ADAPTERS TO FIT ALL DRAINAGE PIPES.
3) SEE SECTION 129300 ITEM 2.13 OF SPECIFICATIONS FOR MANUFACTURER INFORMATION.

TRENCH DRAIN TYPE B (STANDARD)

12 L300 DECK DRAIN
SCALE: 3/4" = 1'-00"



NOTE:
1) GRATE TO BE ATTACHED TO CATCH BASIN WITH SCREW PROVIDED AT TIME OF INSTALLATION.
2) CONSULT MANUFACTURERS SPECIFICATIONS FOR ADDITIONAL INSTALLATION GUIDES AND RECOMMENDATIONS.
3) SEE CIVIL PLANS FOR DRAINAGE LINE LOCATIONS AND SIZES.
4) CONTRACTOR SHALL MAKE ALL DRAIN BOX TO DRAINAGE LINE CONNECTIONS AND FIELD VERIFY ALL BOXES POSITIVELY DRAIN.
5) CONTRACTOR RESPONSIBLE FOR PROVIDING ALL APPROPRIATIVE ADAPTERS TO FIT ALL DRAINAGE PIPES SPECIFIED IN THE CIVIL DRAWINGS.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER
L-300

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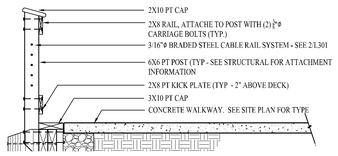
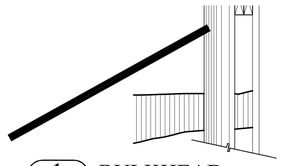
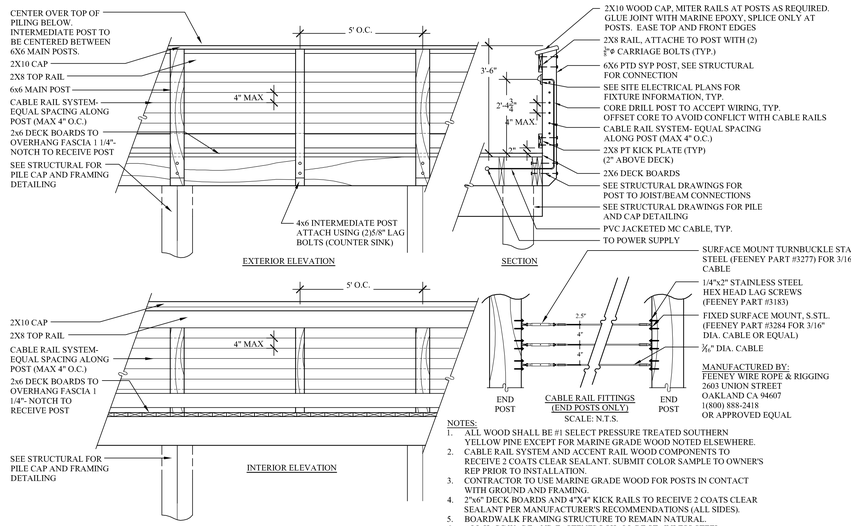


REFER TO STRUCTURAL FOR ALL BULKHEAD, CAP & DECK REQUIRED. SEE DETAIL 2/L301 FOR REQUIRED HANDRAIL.



1 L301 BULKHEAD
SCALE: 1/2" = 1'-00"

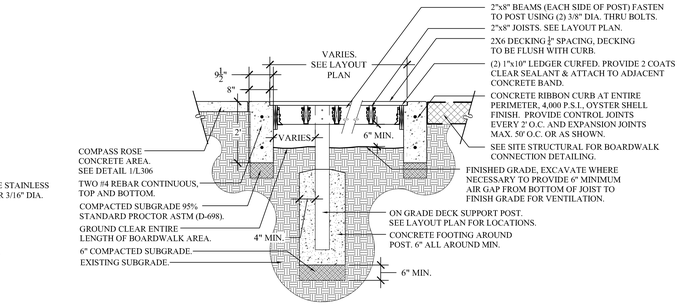


NOTES:
1. ALL WOOD SHALL BE #1 SELECT PRESSURE TREATED SOUTHERN YELLOW PINE EXCEPT FOR MARINE GRADE WOOD NOTED ELSEWHERE.
2. CABLE RAIL SYSTEM AND ACCENT RAIL WOOD COMPONENTS TO RECEIVE 2 COATS CLEAR SEALANT. SUBMIT COLOR SAMPLE TO OWNER'S REP PRIOR TO INSTALLATION.
3. CONTRACTOR TO USE MARINE GRADE WOOD FOR POSTS IN CONTACT WITH GROUND AND FRAMING.
4. 2"x6" DECK BOARDS AND 4"X4" KICK RAILS TO RECEIVE 2 COATS CLEAR SEALANT PER MANUFACTURER'S RECOMMENDATIONS (ALL SIDES).
5. BOARDWALK FRAMING STRUCTURE TO REMAIN NATURAL.
6. ALL HARDWARE AND FASTENERS SHALL BE STAINLESS STEEL.
7. SEE SITE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION REGARDING FIXTURES, LOCATIONS, AND WIRING REQUIREMENTS.

MANUFACTURED BY:
FEENEY WIRE ROPE & RIGGING
2603 UNION STREET
OAKLAND CA 94607
1(800) 888-2418
OR APPROVED EQUAL

SCALE: N.T.S.

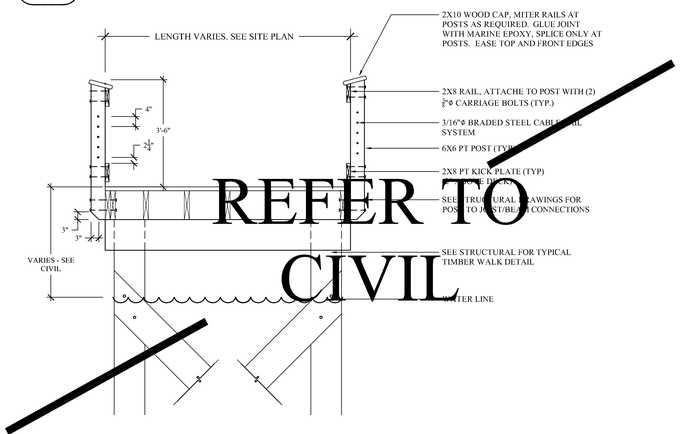
2 L301 CABLE RAIL SYSTEM
SCALE: 1/2" = 1'-00"



SECTION

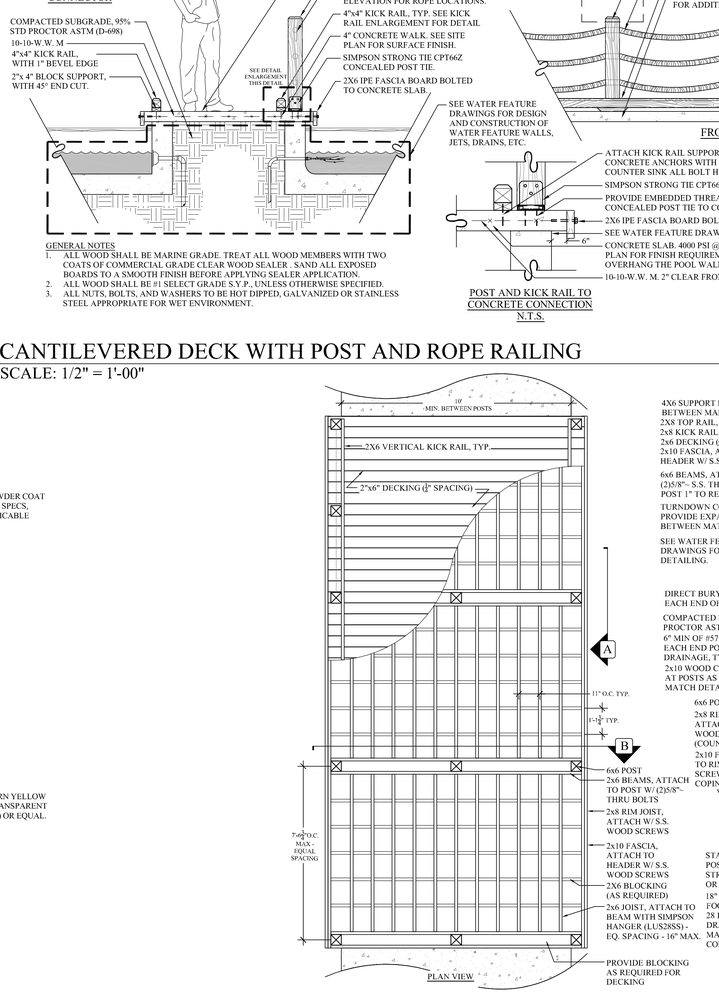
GENERAL NOTES
1. ALL WOOD SHALL BE MARINE GRADE. TREAT ALL WOOD MEMBERS WITH TWO COATS OF COMMERCIAL GRADE CLEAR WOOD SEALER . SAND ALL EXPOSED BOARDS TO A SMOOTH FINISH BEFORE APPLYING SEALER APPLICATION.
2. ALL WOOD SHALL BE #1 SELECT GRADE S.Y.P., UNLESS OTHERWISE SPECIFIED.
3. ALL NUTS, BOLTS, AND WASHERS TO BE HOT DIPPED, GALVANIZED OR STAINLESS STEEL APPROPRIATE FOR WET ENVIRONMENT.

3 L301 ON GRADE DECK AT COMPASS ROSE
SCALE: 1/2" = 1'-00"



REFER TO CIVIL

4 L301 BOARDWALK
SCALE: 1/2" = 1'-00"



GENERAL NOTES
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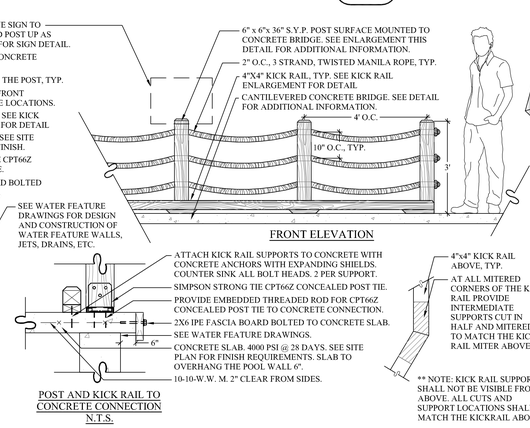
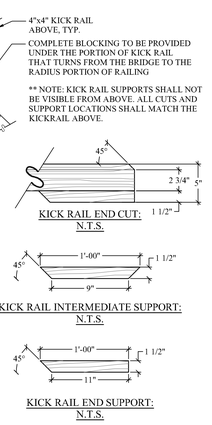
3. ALL NUTS, BOLTS, AND WASHERS TO BE HOT DIPPED, GALVANIZED OR STAINLESS STEEL APPROPRIATE FOR WET ENVIRONMENT.



FRONT ELEVATION

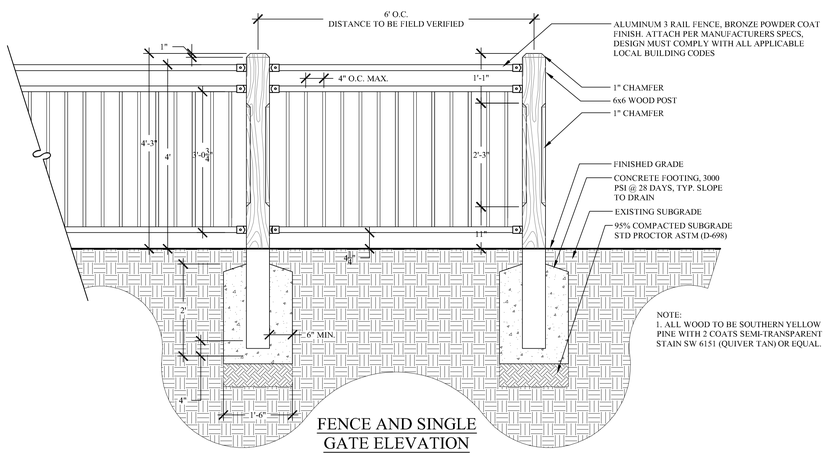
POST AND KICK RAIL TO CONCRETE CONNECTION
N.T.S.



KICK RAIL END CUT:
N.T.S.

KICK RAIL INTERMEDIATE SUPPORT:
N.T.S.

KICK RAIL END SUPPORT:
N.T.S.

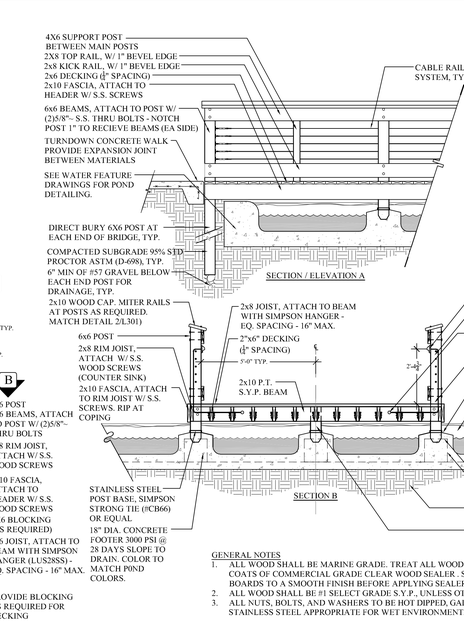


NOTE:
1. ALL WOOD TO BE SOUTHERN YELLOW PINE WITH 2 COATS SEMI-TRANSPARENT STAIN SW 6151 (QUIVER TAN) OR EQUAL.

FENCE AND SINGLE GATE ELEVATION

6 L301 4' PLAYGROUND ENCLOSURE FENCE
SCALE: 3/4" = 1'-00"

PLAN VIEW



SECTION / ELEVATION A

SECTION B

NOTES:
1. CONTRACTOR TO USE MARINE GRADE WOOD FOR POSTS IN CONTACT WITH GROUND AND FRAMING.
2. 2"x6" DECK BOARDS TO RECEIVE 2 COATS CLEAR SEALANT PER MANUFACTURERS RECOMMENDATIONS (ALL SIDES).
3. KICK RAIL, SUPPORT BLOCKS, FASCIA, AND RAILINGS TO RECEIVE 2 COATS CLEAR SEALANT.
4. BOARDWALK FRAMING STRUCTURE TO REMAIN NATURAL.
5. ALL WOOD SHALL BE #1 SELECT PRESSURE TREATED SOUTHERN YELLOW PINE EXCEPT FOR MARINE GRADE WOOD NOTED ELSEWHERE.
6. ALL HARDWARE AND FASTENERS SHALL BE STAINLESS STEEL.
7. SEE SITE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION REGARDING FIXTURES, LOCATIONS, AND WIRING REQUIREMENTS.

GENERAL NOTES
1. ALL WOOD SHALL BE MARINE GRADE. TREAT ALL WOOD MEMBERS WITH TWO COATS OF COMMERCIAL GRADE CLEAR WOOD SEALER . SAND ALL EXPOSED BOARDS TO A SMOOTH FINISH BEFORE APPLYING SEALER APPLICATION.
2. ALL WOOD SHALL BE #1 SELECT GRADE S.Y.P., UNLESS OTHERWISE SPECIFIED.
3. ALL NUTS, BOLTS, AND WASHERS TO BE HOT DIPPED, GALVANIZED OR STAINLESS STEEL APPROPRIATE FOR WET ENVIRONMENT.

5 L301 CANTILEVERED DECK WITH POST AND ROPE RAILING
SCALE: 1/2" = 1'-00"

7 L301 PLAYGROUND PEDESTRIAN BRIDGE & RAILING
SCALE: 3/8" = 1'-00"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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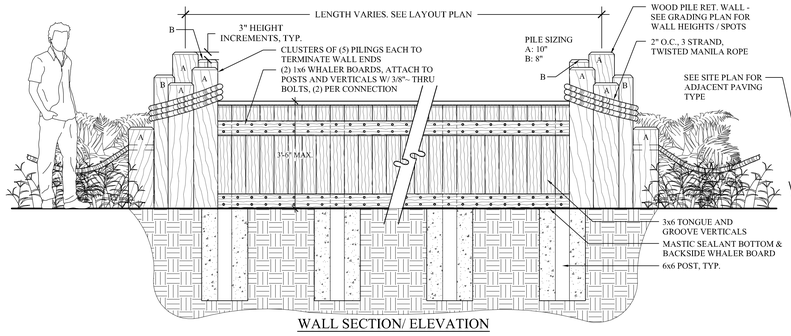
PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

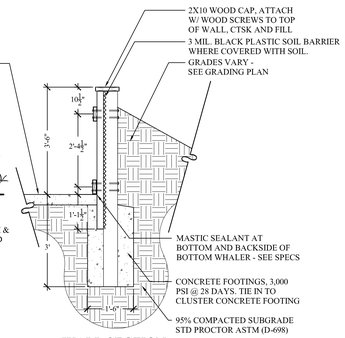
DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
Site Details

Wood+Partners Inc. WPi
Landscape Architects Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6616 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER
L-301



WALL SECTION/ ELEVATION



WALL SECTION

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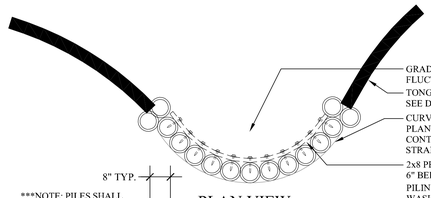
3. ALL NUTS, BOLTS, AND WASHERS TO BE HOT DIPPED, GALVANIZED OR STAINLESS STEEL APPROPRIATE FOR WET ENVIRONMENT.
4. SEE LAYOUT PLAN FOR WALL CURVATURE.
5. SEE GRADING PLAN FOR WALL HEIGHTS / SPOT ELEVATIONS
6. PROVIDE A MINIMUM OF (3) END ROPE LOOPS AROUND THE POST. ROPE LOOPS TO BE ANGLED.
7. ALL END CUTS OF ROPE SHALL BE TIED & SCREWED TO THE WOOD PILING. ROPE END CUTS SHALL BE PLACED ON THE BACK OF ALL PILINGS OUT OF VIEW FROM THE MAIN PEDESTRIAN CORRIDOR.

1 L302 CURVED TONGUE AND GROOVE WALL TYPE 1
SCALE: 1/2" = 1'-00"



PLAN VIEW

GENERAL NOTES
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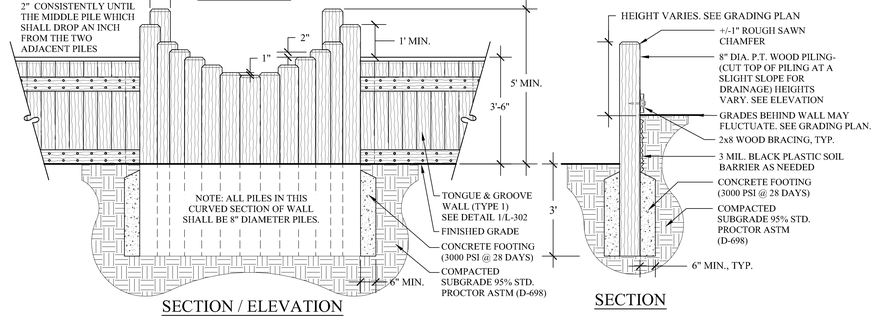
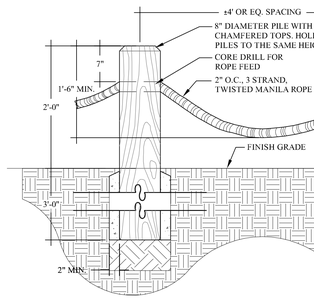
2. ALL WOOD SHALL BE #1 SELECT GRADE S.Y.P.
3. ALL NUTS, BOLTS, AND WASHERS TO BE HOT DIPPED, GALVANIZED OR STAINLESS STEEL APPROPRIATE FOR WET ENVIRONMENT.
4. SEE LAYOUT PLAN FOR WALL CURVATURE.
5. SEE GRADING PLAN FOR WALL HEIGHTS / SPOT ELEVATIONS



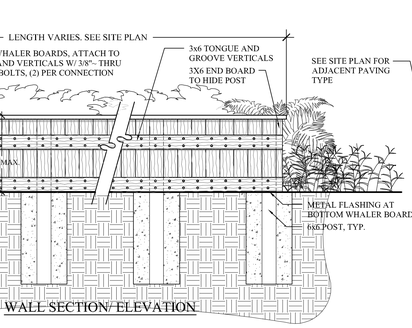
SECTION / ELEVATION

SECTION

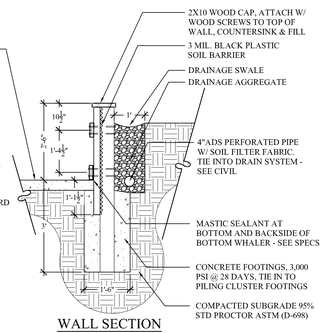
2 L302 CURVED TONGUE AND GROOVE WALL TYPE 2
SCALE: 1/2" = 1'-00"



NOTES:
1. PROVIDE A MINIMUM OF (3) END ROPE LOOPS AROUND THE POST. ROPE LOOPS TO BE ANGLED.
2. ALL END CUTS OF ROPE SHALL BE TIED & SCREWED TO THE WOOD PILING. ROPE END CUTS SHALL BE PLACED ON THE BACK OF ALL PILINGS OUT OF VIEW FROM THE MAIN PEDESTRIAN CORRIDOR.
3. ANCHOR FENCE ENDS AND CORNERS WITH GROUPINGS OF (3) PILES. VARY PILE HEIGHTS IN 3" HEIGHT INCREMENTS, UTILIZING 8" DIAMETER PILES.
4. ALL WOOD SHALL BE MARINE GRADE. TREAT ALL WOOD MEMBERS WITH TWO COATS OF COMMERCIAL GRADE CLEAR WOOD SEALER . SAND ALL EXPOSED PILES TO A SMOOTH FINISH BEFORE APPLYING SEALER APPLICATION.



WALL SECTION/ ELEVATION



WALL SECTION

GENERAL NOTES
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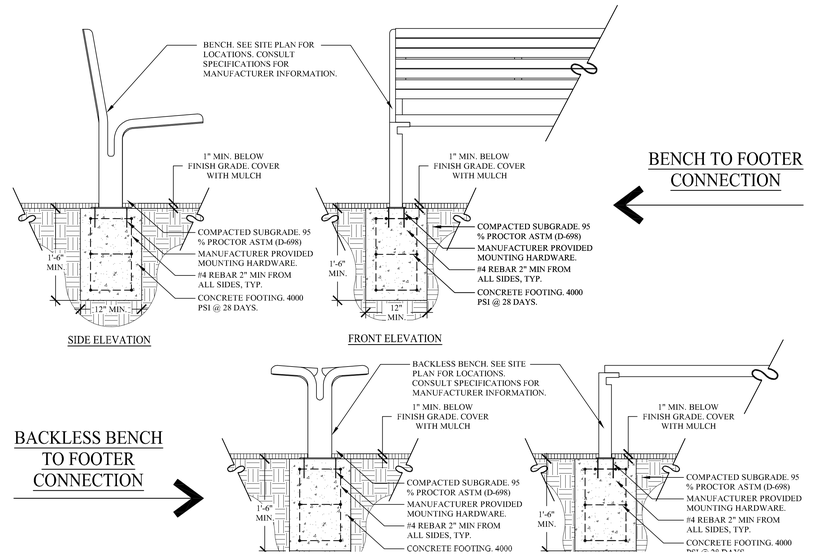
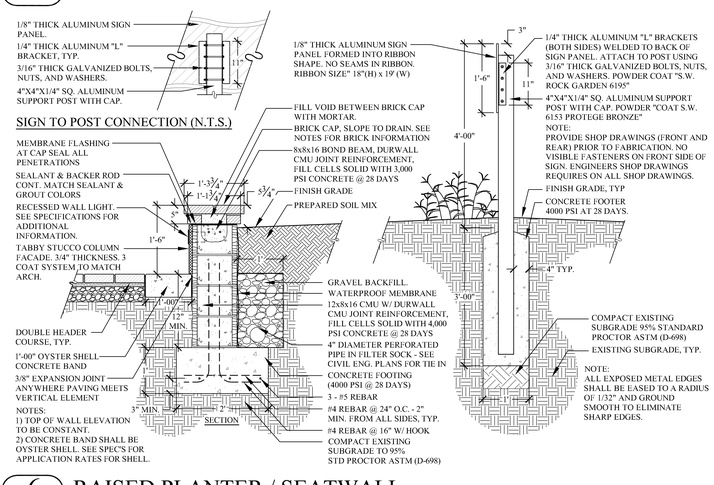
2. ALL NUTS, BOLTS, AND WASHERS TO BE HOT DIPPED, GALVANIZED OR STAINLESS STEEL APPROPRIATE FOR WET ENVIRONMENT.
3. SEE LAYOUT PLAN FOR WALL CURVATURE.
4. SEE GRADING PLAN FOR WALL HEIGHTS / SPOT ELEVATIONS

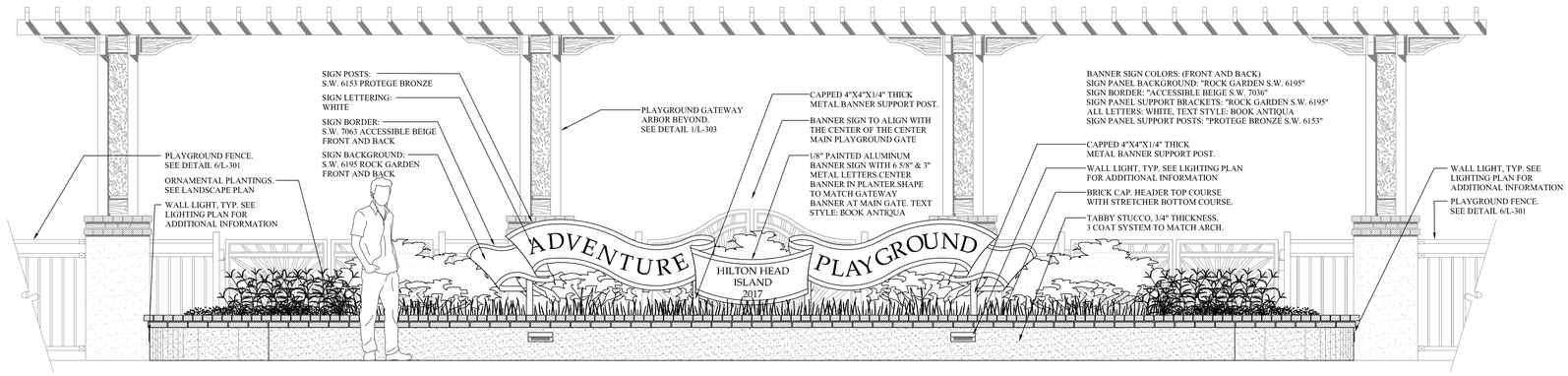


3 L302 PILE WALL
SCALE: 1/2" = 1'-00"



4 L302 PILE & ROPE FENCE
SCALE: 1" = 1'-00"

5 L302 SURFACE MOUNTED BENCHES
SCALE: 3/4" = 1' 00"



6 L302 RAISED PLANTER / SEATWALL
DETAIL SCALE: 3/4" = 1'-00", ELEVATION SCALE: 1/2" = 1' 00"

G:\Projects\HHIP\pubs\Coligny Park_RDSK17\Production\Work\17DAD\-16002_DETAILS.dwg, Thursday, July 07, 2016, Printed By: Erik Ladd This document and all reproducible copies of this document are the property of wood + partners, inc. reproduction or alteration of this drawing without the written consent of wood + partners, inc. is not permitted. If this sheet is less than 30"x42" it is a reduced print, scale accordingly.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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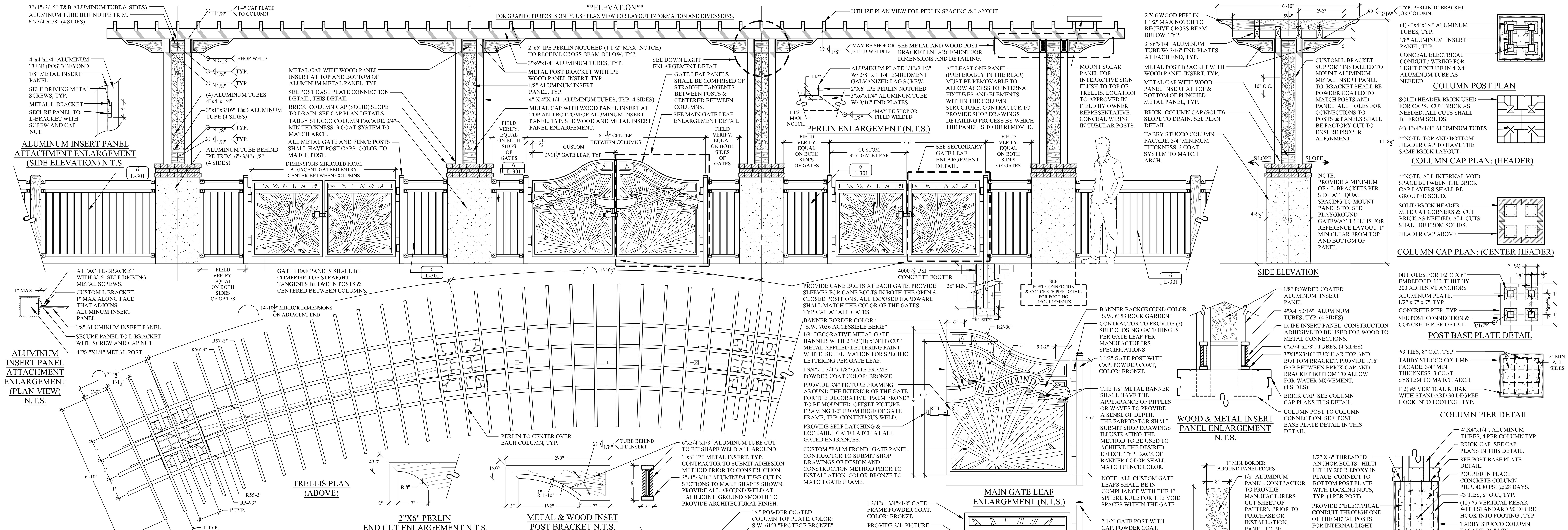
PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
Site Details

Wood+Partners Inc. WPi
Landscape Architects Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6618 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

SHEET NUMBER
L-302

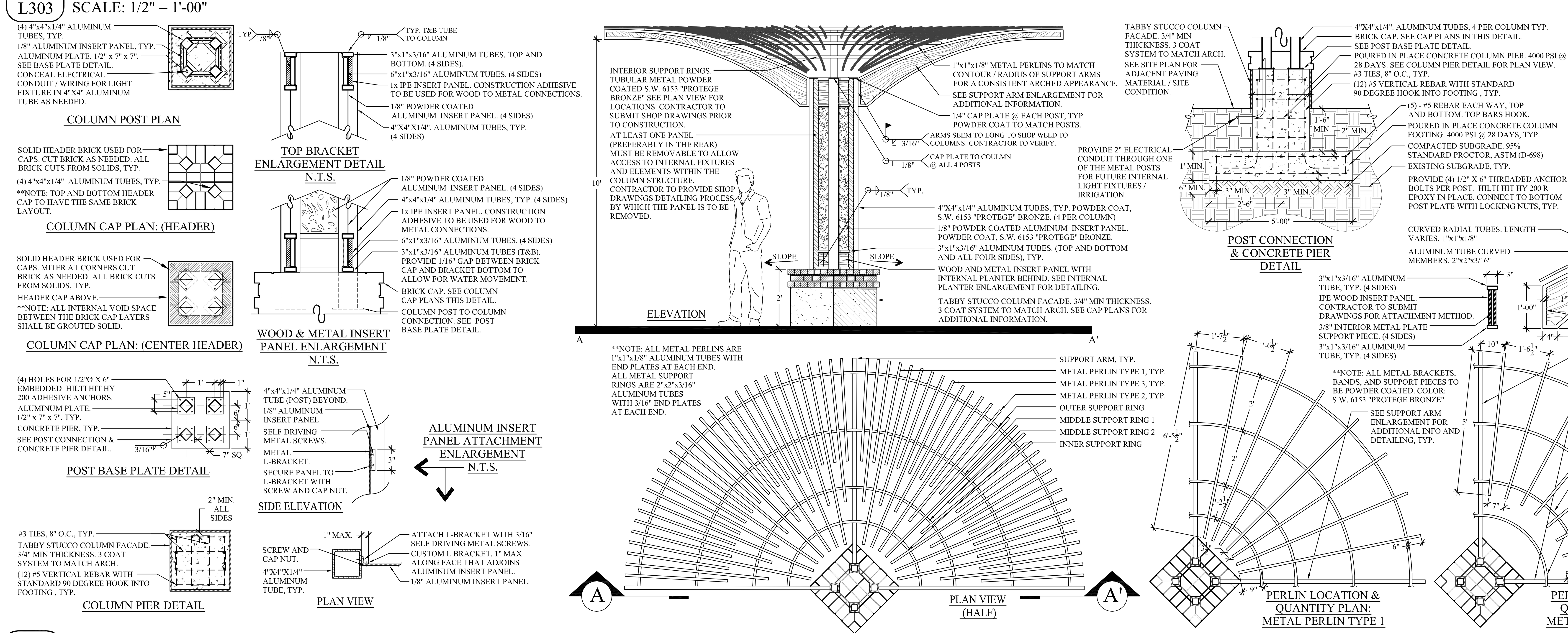


STRUCTURAL NOTES:

1. SEE GEO-TECHNICAL REPORT BY GHC, INC & SPECIFICATIONS FOR REQUIREMENTS FOR SUBGRADE PREPARATION PRIOR TO CASTING FOUNDATIONS.
2. CONCRETE FOR FOUNDATIONS AND PEDESTALS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
3. REINFORCING SHALL COMPLY WITH ASTM SPECIFICATION A615, GRADE 60.
4. ALL FOUNDATION TOP BARS SHALL TERMINATE WITH A STANDARD 90 DEGREE HOOK.
5. ALL WOOD MEMBERS SHALL BE PREMIUM GRADE IPE UNLESS OTHERWISE NOTED.
6. ALL WOOD MEMBERS SHALL RECEIVE TWO (2) COATS CLEAR SEALANT.
7. ALL HARDWARE AND FASTENERS SHALL BE ALUMINUM, OR GALVANIZED STEEL PAINTED OR POWDER COATED TO MATCH POSTS UNLESS OTHERWISE NOTED.
8. ALL HOLES CUT INTO METAL POSTS AND BRACKETS SHALL BE COMPLETED PRIOR TO POWDER COATING TO AVOID EXPOSED RAW METAL EDGES AND SURFACES SUBJECTING THEM TO POSSIBLE RUST OR CORROSION.
9. ALUMINUM MEMBERS SHALL MEET THE REQUIREMENTS OR GRADE 6061 ALUMINUM.
10. ALUMINUM AND STEEL CONSTRUCTION SHALL BE DETAILED, FABRICATED, AND CONSTRUCTED TO MEET THE REQUIREMENTS OF ARCHITECTURAL EXPOSED STEEL CONSTRUCTION. TOLERANCES SHALL BE AS REQUIRED FOR ARCHITECTURAL EXPOSED STEEL CONSTRUCTION. ALL WELDS SHALL BE GROUND SMOOTH.
11. CONTRACTOR SHALL SUBMIT FOR REVIEW THE FOLLOWING ITEMS PRIOR TO CONSTRUCTION:
    - 11.1. ALL CONCRETE MIX DESIGNS AND ALL CONCRETE ADDITIVES PROPOSED FOR CONCRETE CONSTRUCTION.
    - 11.2. REINFORCING SHOP DRAWINGS SHOWING BAR SIZES AND LOCATIONS, BAR BENDS, AND BAR QUANTITIES FOR ALL CONCRETE ELEMENTS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION.
    - 11.3. SHOP DRAWINGS FOR ALL ALUMINUM AND STEEL ELEMENTS FOR TRELLIS CONSTRUCTION. DETAILS ON THESE SHEETS SHOW THE STRUCTURAL DESIGN INTENT. ALTERNATE DETAILS AND CONNECTIONS MAY BE CONSIDERED BASED ON THE GC AND FABRICATORS CONSIDERATION OF THE ARCHITECTURAL INTENT AND CONSTRUCTABILITY. PROPOSED DETAILS THAT VARY GREATLY FROM WHAT IS SHOWN MAY REQUIRE THAT CALCULATIONS BE SUBMITTED SHOWING THAT THE CONNECTIONS MEET THE INTENDED LOADING REQUIREMENTS.ALL SCREWS AND BOLTS USED TO ATTACH THE ALUMINUM INSERT PANEL SHALL BE TAMPER PROOF WITH THE EXCEPTION OF THE SCREWS & BOLTS ON THE ACCESSIBLE PANEL.
12. ALL METAL FEATURES SHALL BE GROUNDED. CONTRACTOR TO SUBMIT SHOP DRAWINGS INDICATING THE METHODS USED TO GROUND ALL METAL FEATURES.
13. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR DECORATIVE PANEL MOUNTING METHODS PRIOR TO INSTALLATION.

1 L303 PLAYGROUND GATEWAY

SCALE: 1/2" = 1'-00"



STRUCTURAL NOTES:

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2. CONCRETE FOR FOUNDATIONS AND PEDESTALS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
3. REINFORCING SHALL COMPLY WITH ASTM SPECIFICATION A615, GRADE 60.
4. ALL FOUNDATION TOP BARS SHALL TERMINATE WITH A STANDARD 90 DEGREE HOOK.
5. ALL WOOD MEMBERS SHALL BE PREMIUM GRADE IPE UNLESS OTHERWISE NOTED.
6. ALL WOOD MEMBERS SHALL RECEIVE TWO (2) COATS CLEAR SEALANT.
7. ALL HARDWARE AND FASTENERS SHALL BE ALUMINUM, OR GALVANIZED STEEL PAINTED OR POWDER COATED TO MATCH POSTS UNLESS OTHERWISE NOTED.
8. ALL HOLES CUT INTO METAL POSTS AND BRACKETS SHALL BE COMPLETED PRIOR TO POWDER COATING TO AVOID EXPOSED RAW METAL EDGES AND SURFACES SUBJECTING THEM TO POSSIBLE RUST OR CORROSION.
9. ALUMINUM MEMBERS SHALL MEET THE REQUIREMENTS OR GRADE 6061 ALUMINUM.
10. ALUMINUM AND STEEL CONSTRUCTION SHALL BE DETAILED, FABRICATED, AND CONSTRUCTED TO MEET THE REQUIREMENTS OF ARCHITECTURAL EXPOSED STEEL CONSTRUCTION. TOLERANCES SHALL BE AS REQUIRED FOR ARCHITECTURAL EXPOSED STEEL CONSTRUCTION. ALL WELDS SHALL BE GROUND SMOOTH.
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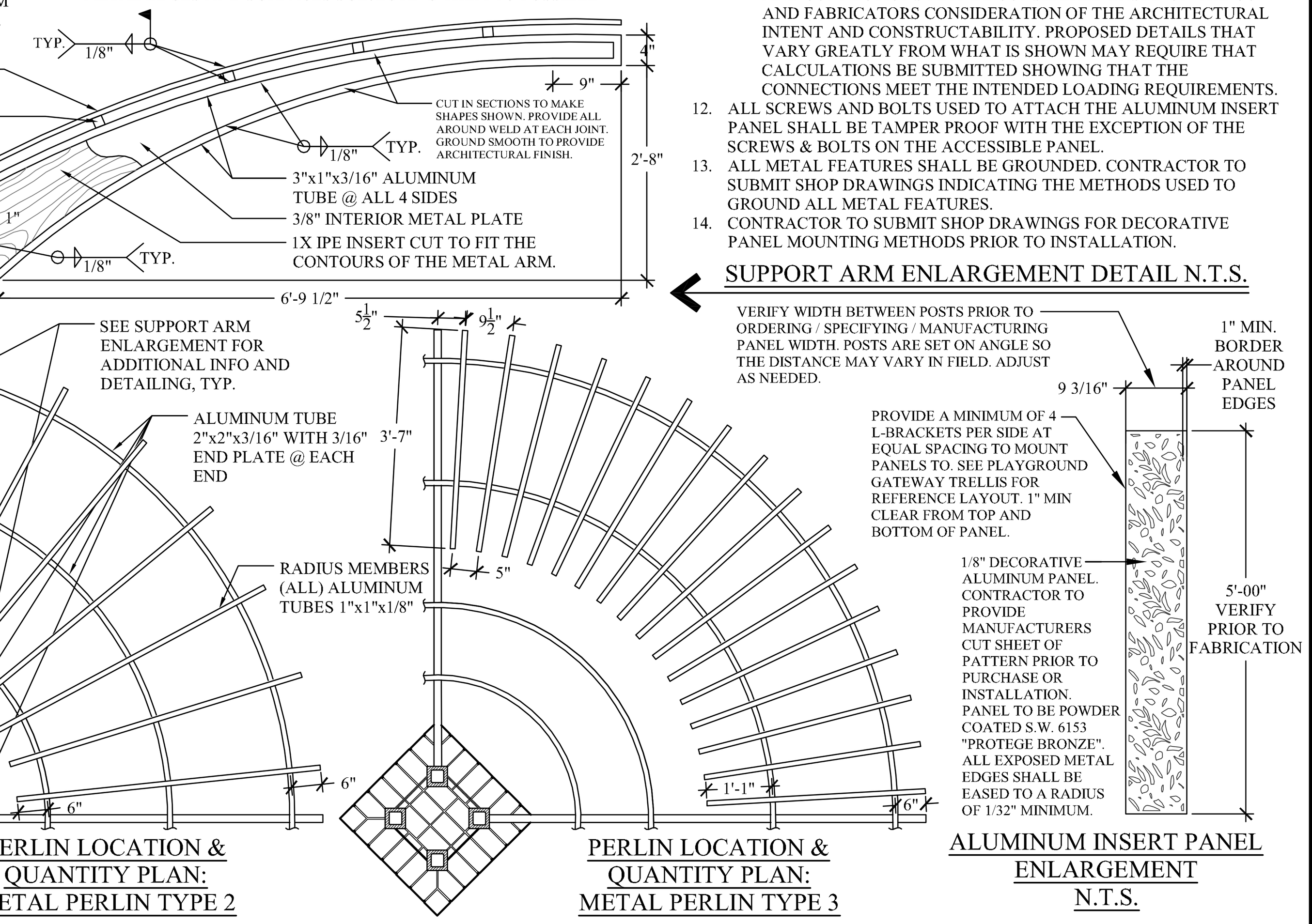

2 L303 CIRCULAR ARBOR TREE

SCALE: 1/2" = 1'-00"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

DATE: 6-30-2016
PROJECT NUMBER: 01-16002
SHEET TITLE: Site Details

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER
L-303

(4) 4"x4"x1/4" ALUMINUM TUBES, TYP.
1/8" ALUMINUM INSERT PANEL.
ALUMINUM PLATE. 1/2" x 7" x 7".
SEE BASE PLATE DETAIL.

COLUMN POST PLAN

SOLID HEADER BRICK USED FOR CAPS. CUT BRICK AS NEEDED. ALL CUTS SHALL BE FROM SOLIDS.
(4) 4"x4"x1/4" ALUMINUM TUBES
**NOTE: TOP AND BOTTOM HEADER CAP TO HAVE THE SAME BRICK LAYOUT.

COLUMN CAP PLAN: (HEADER)

SOLID BRICK HEADER. MITER AT CORNERS & CUT BRICK AS NEEDED. ALL CUTS SHALL BE FROM SOLIDS.
HEADER CAP ABOVE
**NOTE: ALL INTERNAL VOID SPACE BETWEEN THE BRICK CAP LAYERS SHALL BE GROUTED SOLID.

COLUMN CAP PLAN: (CENTER HEADER)

#3 TIES, 8" O.C., TYP.
TABBY STUCCO COLUMN FACADE. 3/4" MIN THICKNESS. 3 COAT SYSTEM TO MATCH ARCH.
(12) #5 VERTICAL REBAR WITH STANDARD 90 DEGREE HOOK INTO FOOTING , TYP.
2" MIN. ALL SIDES

COLUMN PIER DETAIL

SEE POST TO COLUMN ENLARGEMENT FOR ADDITIONAL INFO.
(4) HOLES FOR 1/2"Ø X 6" EMBEDDED HILTI HIT HY 200 ADHESIVE ANCHORS
ALUMINUM PLATE. 1/2" x 7" x 7", TYP.
CONCRETE PIER, TYP.
SEE POST CONNECTION & CONCRETE PIER DETAIL
7" SQ.
3/16"

POST BASE PLATE DETAIL

1'-4"
8"
6'-5"
4'-2"
3'-00"
8"
2'-7½"
2'-1½"
1" MAX. TYP.

STANDING SEAM METAL ROOF. STYLE AND COLOR TO MATCH ARCHITECTURE.
SAND BLASTED PALM FROND. COLOR: S.W. 6191 "CONTENTED"
SIGN PANEL
1/8" ALUMINUM INSERT PANEL. PROVIDE 1" CLEAR BORDER AROUND INSERT PERIMETER. (4 SIDES)
4"x4"x1/4" POWDER COATED ALUMINUM TUBE, TYP. (4 SIDES)
DECORATIVE METAL AND WOOD TRIM, TYP. SEE WOOD AND METAL INSERT PANEL ENLARGEMENT (4 SIDES)
1/8"
1/8"
ALUMINUM TUBE 6"x3/4"x1/8"@ 4 SIDES
BRICK CAP, SEE CAP PLANS THIS DETAIL.
HOLD MIDDLE BRICK COURSE FLUSH WITH TABBY COLUMN BELOW
TABBY STUCCO COLUMN BASE

SIDE ELEVATION

1" MAX.
ATTACH L-BRACKET WITH 3/16" SELF DRIVING METAL SCREWS
CUSTOM L BRACKET. 1" MAX ALONG FACE THAT ADJOINS ALUMINUM INSERT PANEL.
1/8" ALUMINUM INSERT PANEL
SCREW AND CAP NUT.

PLAN VIEW

4"x4"x1/4" ALUMINUM TUBE (POST) BEYOND
1/8" ALUMINUM INSERT PANEL
METAL L-BRACKET
SECURE PANEL TO L-BRACKET WITH SCREW AND CAP NUT.
ATTACH L-BRACKET WITH 3/16" SELF DRIVING METAL SCREWS
3"

ALUMINUM INSERT PANEL ATTACHMENT ENLARGEMENT (SIDE ELEVATION & PLAN VIEW) N.T.S.

1x DECORATIVE IPE TRIM /MOLDING. CONTRACTOR TO PROVIDE SHOP DRAWING FOR WOOD TO METAL CONNECTION.
1/8" ALUMINUM INSERT PANEL. PROVIDE 1" CLEAR BORDER AROUND INSERT PERIMETER. (4 SIDES)
(4) 4"x4"x1/4" ALUMINUM TUBE, POWDER COAT, TYP. COLOR: PROTEGE BRONZE (S.W. 6153)
3'-0" DIAMETER SANDBLASTED REDWOOD SIGN. 5 1/2" LETTERS, "COPPERPLATE GOTHIC LIGHT" FONT, COLOR: WHITE. BACK OF SIGN TO BE PAINTED S.W. 7039 "VIRTUAL TAUPE".
COPPER FRAME WRAPPED TO CREATE 1/2" REVEAL, BOTH SIDES.
1 1/2" ROUTED SIGN BORDER - COLOR: "ACCESSIBLE BEIGE" S.W. 7036.
SIGN BACKGROUND FIELD, COLOR: S.W. 6195 "ROCK GARDEN".
METAL & IPE INSERT PANEL - SEE WOOD & METAL INSERT PANEL ENLARGEMENT.
BRICK COLUMN CAP.
POURED IN PLACE CONCRETE COLUMN WITH TABBY STUCCO FACADE - SEE POST CONNECTION AND CONCRETE PIER DETAIL.
SEE POST CONNECTION AND CONCRETE PIER DETAIL FOR FOOTING REQUIREMENTS

ELEVATION

1/8" POWDER COATED ALUMINUM INSERT PANEL.
4"x4"x1/4". ALUMINUM TUBES, TYP. (4 SIDES)
1x IPE INSERT PANEL. CONSTRUCTION ADHESIVE TO BE USED FOR WOOD TO METAL CONNECTIONS. (4 SIDES)
6"x1"x3/16". TUBULAR BACK PLATE. (4 SIDES)
3"x1"x3/16" ALUMINUM TUBE (T&B) PROVIDE 1/16" GAP BETWEEN BRICK CAP AND BRACKET BOTTOM TO ALLOW FOR WATER MOVEMENT. (4 SIDES)
BRICK CAP. SEE COLUMN CAP PLANS THIS DETAIL.
COLUMN POST TO COLUMN CONNECTION. SEE POST BASE PLATE DETAIL.

WOOD & METAL INSERT PANEL ENLARGEMENT N.T.S.

BRICK CAP. SEE CAP PLANS IN THIS DETAIL.
SEE POST BASE PLATE DETAIL.
POURED IN PLACE CONCRETE COLUMN PIER. 4000 PSI @ 28 DAYS.
#3 TIES, 8" O.C., TYP.
(12) #5 VERTICAL REBAR WITH STD 90 DEGREE HOOK INTO FOOTING , TYP.
TABBY STUCCO COLUMN FACADE. 3/4" MIN. THICKNESS. 3 COAT SYSTEM TO MATCH ARCH.
SEE SITE PLAN FOR ADJACENT PAVING MATERIAL.
4"X4"x1/4". ALUMINUM TUBES, 4 PER COLUMN TYP.
1/2" X 6" THREADED ANCHOR BOLTS. HILTI HIT HY 200 R EPOXY IN PLACE. CONNECT TO BOTTOM POST PLATE WITH LOCKING NUTS, TYP. (4 PER POST)
(5) - #5 REBAR EACH WAY, TOP AND BOTTOM. TOP BARS HOOK.
POURED IN PLACE CONCRETE COLUMN FOOTING. 4000 PSI @ 28 DAYS, TYP.
COMPACTED SUBGRADE. 95% STANDARD PROCTOR, ASTM (D-698)
EXISTING SUBGRADE, TYP.
2'
1'-6" MIN.
2" MIN.
1' MIN.
6" MIN.
3" MIN.
3" MIN.
2'-6"
5'

POST CONNECTION & CONCRETE PIER DETAIL

SIMPSON STRONG TIE TP35 TIE PLATE, TYP.
4
12
3/16" TYP.

ROOF SECTIONS

CONTINUOUS TRUSS (L) & HALF TRUSS (R)

STANDING SEAM METAL ROOF. COLOR TO MATCH ARCHITECTURE.
5/8" PLYWOOD W/ 10 D NAILS @ 4" INTERVALS
SIMPSON STRONG TIE A34 FRAMING ANCHOR
2x4 TOP AND BOTTOM CHORDS.
1x4 TRIM MATERIAL.
2x6 FASCIA BOARD.
TONGUE AND GROOVE SOFFIT.
IPE 1x TRIM MOLDING.
ALUMINUM PLATE 3/8"x16"x16".
SIMPSON STRONG TIE HGA10KT.
SIMPSON STRONG TIE TP35 TIE PLATE.

ROOF PLAN

SIMPSON TIE HGA10KT FASTNER. USE SELF DRIVING SCREWS. ATTACH TO METAL PLATE.
3/8"x16"x16" PLATE AT TOP OF COLUMN.
(4) 4"x4"x1/4" ALUMINUM TUBES.
2"x4" HALF TRUSS. SEE DETAIL ABOVE.
2"x4" CONTINUOUS TRUSS. SEE DETAIL ABOVE.
MASONRY COLUMN BELOW.
1x FASCIA & TRIM MATERIAL. 3/4" OVER HANGS MAX.
1'-4"

** ROOFING NOTES:
1. PROVIDE DRIP EDGE ALONG THE ROOF PERIMETER.
2. CONTRACTOR TO PROVIDE SHOP DRAWING OF ROOF CONSTRUCTION FOR APPROVAL PRIOR TO CONSTRUCTION.

STRUCTURAL NOTES:
1. ALL REINFORCING SHALL COMPLY WITH ASTM SPECIFICATION A615, GRADE 60.
2. ALL FOUNDATION TOP BARS SHALL TERMINATE WITH A STANDARD 90 DEGREE HOOK.
3. ALL ALUMINUM MEMBERS SHALL MEET THE REQUIREMENTS OR GRADE 6061 ALUMINUM.
4. ALL ALUMINUM AND STEEL CONSTRUCTION SHALL BE DETAILED, FABRICATED, AND CONSTRUCTED TO MEET THE REQUIREMENTS OF ARCHITECTURAL EXPOSED STEEL CONSTRUCTION. TOLERANCES SHALL BE AS REQUIRED FOR ARCHITECTURAL EXPOSED CONSTRUCTION. ALL WELDS SHALL BE GROUND SMOOTH.
5. CONTRACTOR SHALL SUBMIT FOR REVIEW ALL CONCRETE MIX DESIGNS AND ALL CONCRETE ADDITIVES PROPOSED FOR CONCRETE CONSTRUCTION.
6. REINFORCING SHOP DRAWINGS SHOWING BAR SIZES AND LOCATIONS, BAR BENDS, AND BAR QUANTITIES FOR ALL CONCRETE ELEMENTS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL SUBMIT FOR REVIEW SHOP DRAWINGS FOR ALL ALUMINUM AND STEEL
8. ELEMENTS FOR TRELLIS CONSTRUCTION. DETAILS THAT SHOW THE STRUCTURAL DESIGN INTENT. ALTERNATE DETAILS AND CONNECTIONS MAY BE CONSIDERED BASED ON THE GC AND FABRICATORS CONSIDERATION OF THE ARCHITECTURAL INTENT AND CONSTRUCTABILITY. PROPOSED DETAILS THAT VARY GREATLY FROM WHAT IS SHOWN MAY REQUIRE THAT CALCULATIONS BE SUBMITTED SHOWING THAT THE CONNECTIONS MEET THE INTENDED LOADING REQUIREMENTS

GENERAL NOTES:
9. ROOF PLANS TO BE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION. ALL FASTNERS AND MATERIALS TO BE SPECIFIED IN SHOP DRAWINGS.
10. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO PURCHASING OR CONSTRUCTION.
11. CONSTRUCTION METHODS FOR THE ASSEMBLY OF THE WOOD AND METAL INSERT PANELS AS WELL AS THE DECORATIVE ALUMINUM INSERT PANEL TO BE INCLUDED IN SHOP DRAWINGS.
12. ALL IPE WOOD TO BE PREMIUM GRADE & SHALL RECEIVE (2) COATS OF CLEAR SEALANT.
13. ALL CONCRETE SHALL BE 4000 PSI @ 28 DAYS.
14. 7. ALL HARDWARE AND FASTENERS SHALL BE ALUMINUM, OR GALVANIZED STEEL PAINTED OR POWDER COATED TO MATCH POSTS UNLESS OTHERWISE NOTED.
15. ALL METAL FEATURES SHALL BE GROUNDED.

1 L304 PARK I.D. SIGN

SCALE: 3/4 = 1'-00"

4'-8"
8'-3"
3'-2½"
3'-6"
4'-00"
PARK
SIGN FRONT

STANDING SEAM METAL ROOF. COLOR TO MATCH ARCHITECTURE.
2"x6"WITH SANDBLASTED 4" "PARK" TEXT AND INFORMATION ICON. "GOTHIC CONDENSED" FONT, WITH WHITE REFLECTIVE CENTERS. BACKGROUND COLOR: "QUIVER TAN S.W. 6151"
3/8" GALVANIZED THRU BOLTS. COUNTERSINK, TYP.
ENCLOSED CORK BULLETIN BOARD FOR OUTDOOR USE, 36X48 DOOR, ALUMINUM FRAME. SEE SPECIFICATIONS FOR MODEL NUMBER & ADDITIONAL INFORMATION.
2"x6", PAINT COLOR: "QUIVER TAN S.W. 6151"
6"x6", POST. BURY 2' MIN IN GROUND. PAINT COLOR: "S.W. ACCESSIBLE BEIGE 7036"
FINISH GRADE.
NOTE: ALL TRIM PIECES SHALL BE PAINTED "QUIVER TAN S.W. 6151"

INFORMATION KIOSK ELEVATION

4'-2½"
12
6
2" MIN.
2"-MIN.
6" MIN.
2'-4"
2'-00" MIN.
4" MAX.

2"x6" RIDGE BEAM
STANDING SEAM METAL ROOF. COLOR TO MATCH ARCHITECTURE.
PLYWOOD SHEATHING, TYP.
2"X6" RAFTER 1' O.C., TYP.
2"X6" FASCIA BOARD, TYP.
3/8" GALVANIZED THRU BOLTS. COUNTERSINK, TYP.
3/4" PLYWOOD MOUNTED ON 2"X4". PAINT COLOR: "S.W. ACCESSIBLE BEIGE 7036".APPLY SCOTCHPRINT OR EQUAL GRAPHIC SIGN PANEL ON BACK OF 1/8" CLEAR ACRYLIC WITH 2x6 TRIM FRAMING AROUND.
2x6 TRIM. TOP, BOTTOMS, & SIDES COLOR: "QUIVER TAN S.W. 6151"
3/8" GALVANIZED THRU BOLTS. COUNTERSINK, TYP.
ROOF OVERHANG, TYP.
6"x6", POST. BURY 2' MIN IN GROUND. PAINT COLOR: "S.W. ACCESSIBLE BEIGE 7036"
ENCLOSED CORK BULLETIN BOARD
FINISH GRADE, TYP.
CONCRETE FOOTING. 3000 PSI @ 28 DAYS, TYP.
#4 REBAR BOTHWAYS, TYP.
COMPACTED SUBGRADE 95% STD. PROCTOR ASTM (D-698)

INFORMATION KIOSK SECTION

4'-2½"
2"x4" BLOCKING FOR SIGN BOARD, TYP.
INFO / MAP PANEL PROVIDED BY TOWN
2"X6" TRIM, TOP, BOTTOM, & SIDES.
4'-8"

KIOSK PLAN

GENERAL NOTES
1. ALL WOOD SHALL BE MARINE GRADE. TREAT ALL WOOD MEMBERS WITH PAINT AS NOTED SEE DETAIL FOR PAINT COLORS.
2. .SAND ALL EXPOSED BOARDS TO A SMOOTH FINISH BEFORE APPLYING SEALER APPLICATION.
3. ALL WOOD SHALL BE #1 SELECT GRADE S.Y.P.
4. ALL NUTS, BOLTS, AND WASHERS TO BE HOT DIPPED, GALVANIZED APPROPRIATE FOR WET ENVIRONMENT.

2 L304 PARK INFORMATION KIOSK

SCALE: 3/4 = 1'-00"

PLAN VIEW

8" DIAMETER PILE WITH 1" CHAMFERED TOP. ATTACH SIGN TO TALLEST PILE.
POWDER COATED COLLAR
SANDBLASTED WOOD SIGN.
2" , 3 STRAND MANILA ROPE.
8" DIAMETER PILE WITH 1" CHAMFERED TOPS, TYP. SEE ELEVATION FOR HEIGHTS.

MOUNT BANNER SIGN TO ALUMINUM COLLAR. ATTACH TO PILE WITH 4 LAG BOLTS.PROTEGE BRONZE POWDER COAT (S.W. 6153) TO COLLAR & ALL EXPOSED FITTINGS. PROVIDE 3/4" METAL BANDS 1/2" FROM THE T&B ON THE COLLAR.
8"
8¼"
2"
TOP BANNER SLEEVE MOUNTING BRACKET S.W. PROTEGE BRONZE (S.W. 6153) 1/4" X 2"(H) X 8 3/4"(L) WITH ROD CONNECTION TO ALUMINUM COLLAR.
DISCOVERY TRAIL
DOUBLE SIDED REDWOOD BANNER W/ SANDBLASTED LETTERING
PANEL COLOR: ROCK GARDEN (S.W. 6195)
1/2" RAISED BORDER ON BANNER COLOR S.W. ACCESSIBLE BEIGE (S.W. 7036)
LETTERING COLOR: WHITE
TEXT STYLE: BOOK ANTIQUA
BOTTOM BANNER SLEEVE MOUNTING BRACKET S.W. PROTEGE BRONZE (S.W. 6153) 1/2" x 5"(H)x 8 3/4"(L) TEXT SHALL BE 1/4" x 2 1/4" (H) THICK CUT METAL APPLIED TO SLEEVE. ATTACH SLEEVE AND BANNER WITH (4) THROUGH BOLTS AS SHOWN. LOCATE FAR ENOUGH AWAY FROM WOOD BANNER EDGES TO AVOID CRACKING.
EASE EDGES AT BANNER POINTS. SHOP DRAWINGS TO ACCURATELY REPRESENT RADII AND ANGLES OF BANNER END TREATMENT.
2" O.C, 3 STRAND, MANILA ROPE
8" DIAMETER PILE WITH 1" CHAMFERED TOPS, TYP.
FINISH GRADE
SEE SITE PLAN FOR ADJACENT PAVING / WALK TYPE
5' -3"
3"
4" TYP.
9'-5"
10"
9"
6"
3'-5"
2'-11"
2'-5"
3'-0"
4" MIN.
SEE DETAIL 4 L-302 FOR PILE AND ROPE FOOTING DETAIL

ALUMINUM COLLAR.
1" ALUMINUM SUPPORT ROD TO BE WELDED TO SIGN SLEEVE. CONTINUOUS WELD ALL AROUND
ATTACH SIGN SLEEVE TO BACK OF SIGN WITH (4) 1/2" DIA. THROUGH BOLTS.
1/4" ALUMINUM SIGN SLEEVE (T&B)

BANNER SIGN SLEEVES (T&B) N.T.S.

1. ALL HARDWARE SHALL BE POWDER COATED "S.W. 6153 PROTEGE BRONZE"
2. SEE ELEVATION FOR SIZE REQUIREMENTS FOR TOP AND BOTTOM SLEEVES.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL ATTACHMENT METHODS AND DESIGNS FOR APPROVAL PRIOR TO INSTALL.
4. ALL WELDS SHALL BE SHOP WELDS AND GROUND SMOOTH FOR ARCHITECTURAL FINISHING.

GENERAL NOTES:
1. PROVIDE A MINIMUM OF (3) END ROPE LOOPS AROUND THE POST. ROPE LOOPS TO BE ANGLED.
2. ALL END CUTS OF ROPE SHALL BE TIED & SCREWED TO THE WOOD PILING. ROPE END CUTS SHALL BE PLACED ON THE BACK OF ALL PILINGS OUT OF VIEW FROM THE MAIN PEDESTRIAN CORRIDOR

3 L304 DISCOVERY TRAIL GATEWAY

SCALE: 3/4" = 1'-00"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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PROFESSIONAL STAMPS:
SOUTH CAROLINA PROFESSIONAL ENGINEER KYLE H. THEODORE

#	REVISION	DATE	BY

DATE 6-30-2016
PROJECT NUMBER 01-16002
SHEET TITLE Site Details

SHEET NUMBER L-304

Wood+Partners Inc. WPI
Landscape Architects Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
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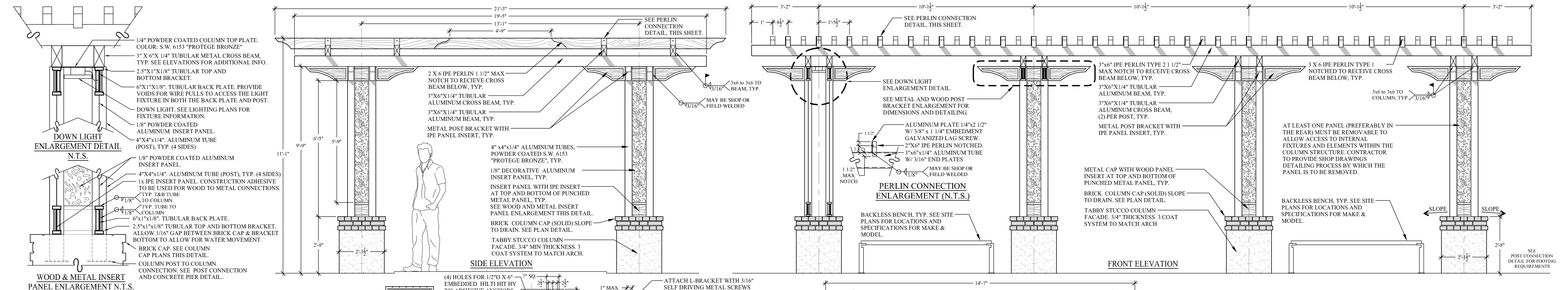
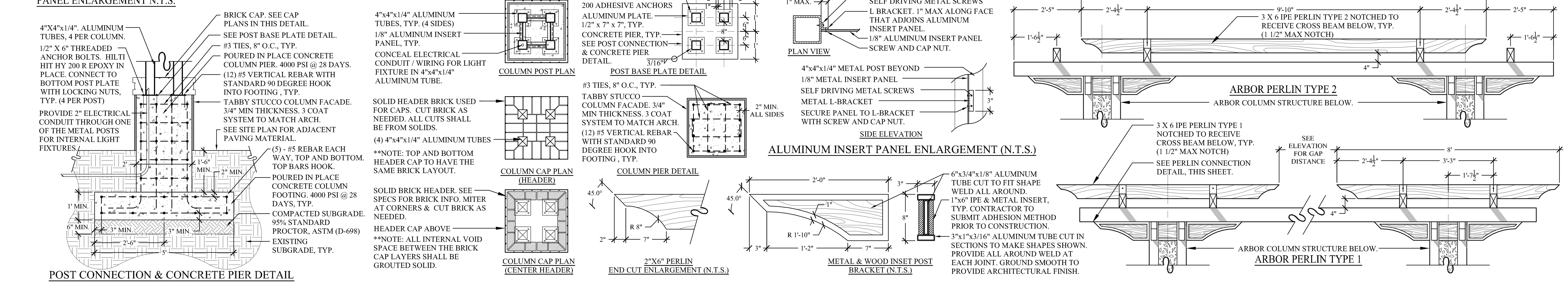
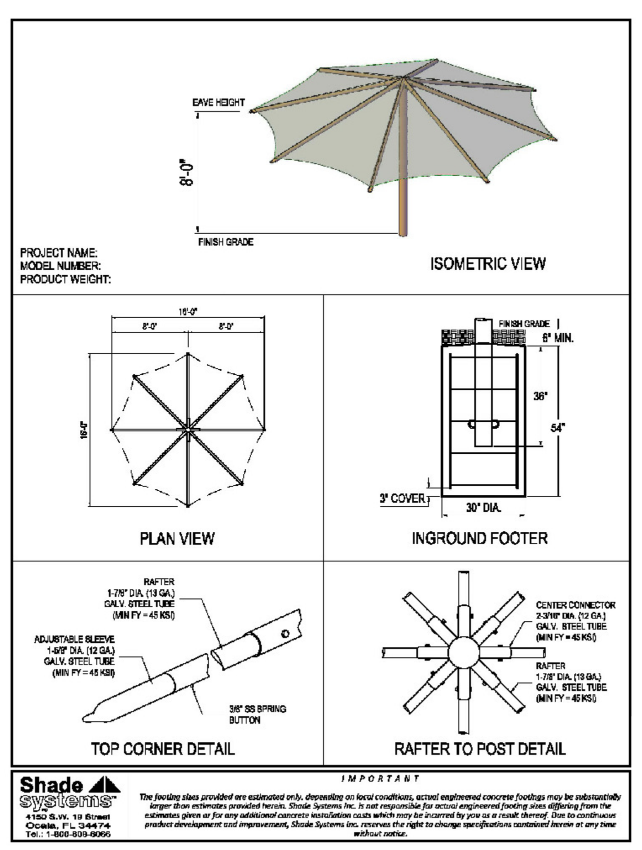


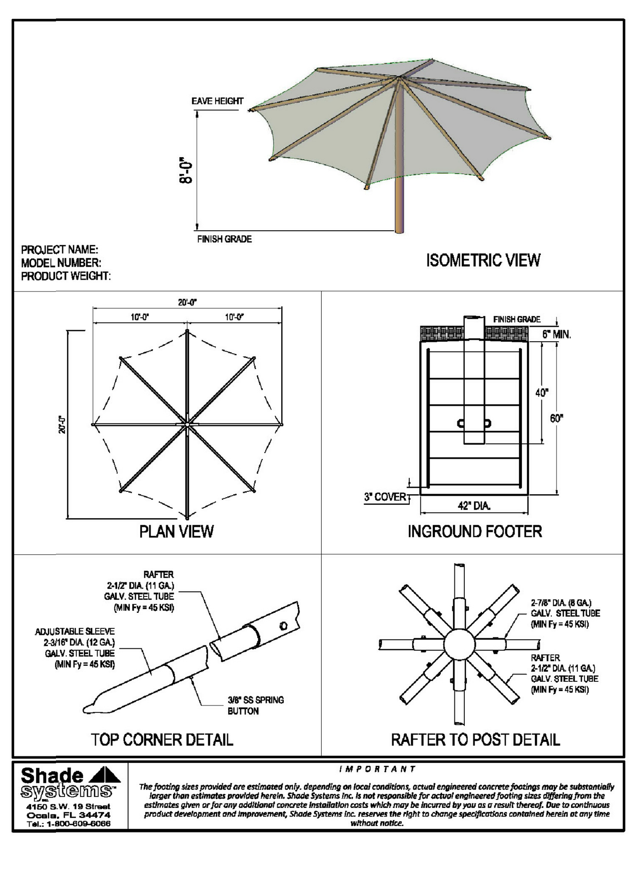


STRUCTURAL NOTES:

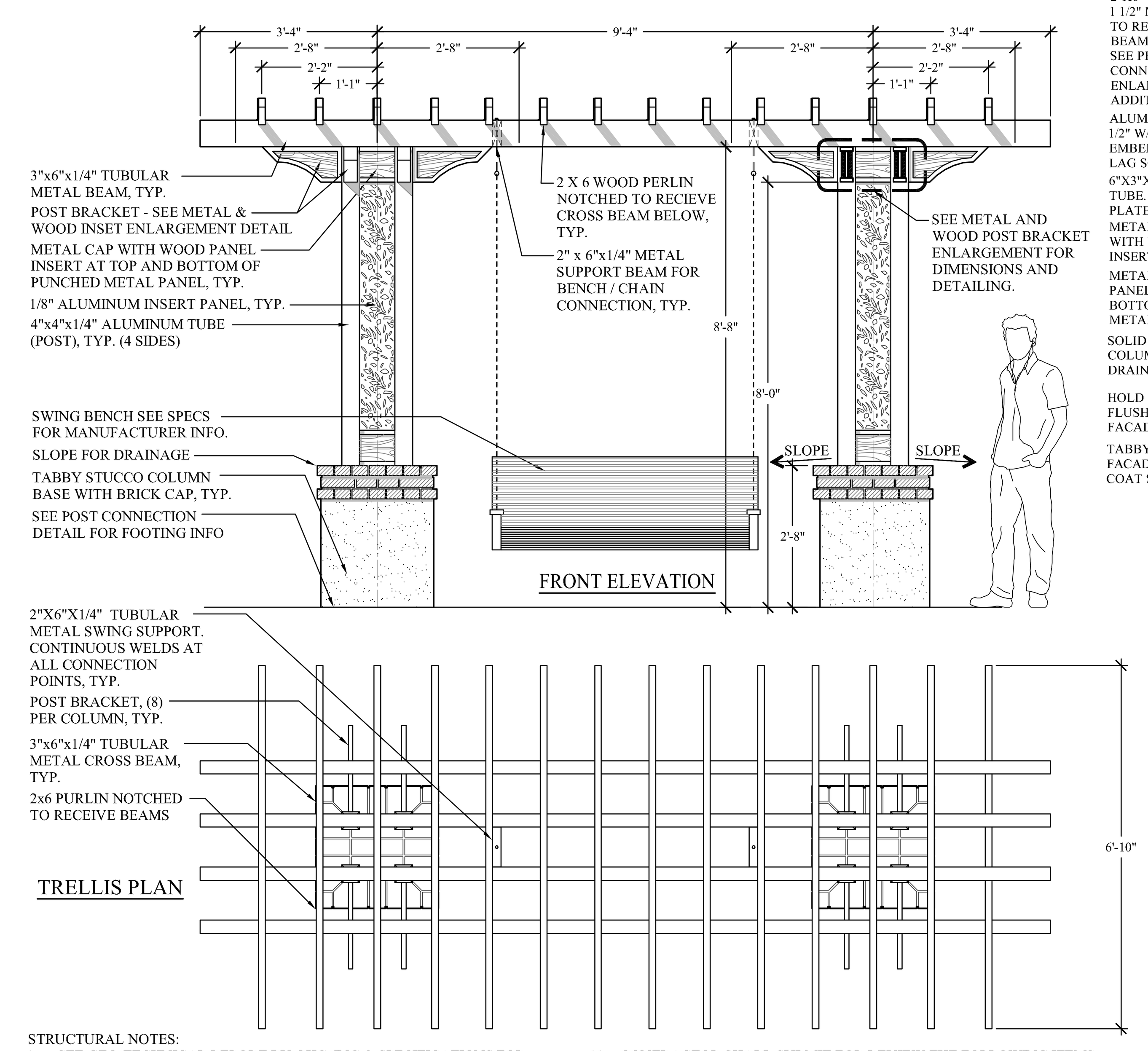
1. SEE GEO-TECHNICAL REPORT BY GHC, INC & SPECIFICATIONS FOR REQUIREMENTS FOR SUBGRADE PREPARATION PRIOR TO CASTING FOUNDATIONS.
2. CONCRETE FOR FOUNDATIONS AND PEDESTALS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
3. REINFORCING SHALL COMPLY WITH ASTM SPECIFICATION A615, GRADE 60.
4. ALL FOUNDATION TOP BARS SHALL TERMINATE WITH A STANDARD 90 DEGREE HOOK.
5. ALL WOOD MEMBERS SHALL BE PREMIUM GRADE IPE UNLESS OTHERWISE NOTED.
6. ALL WOOD MEMBERS SHALL RECEIVE TWO (2) COATS CLEAR SEALANT.
7. ALL HARDWARE AND FASTENERS SHALL BE ALUMINUM, OR GALVANIZED STEEL PAINTED OR POWDER COATED TO MATCH POSTS UNLESS OTHERWISE NOTED.
8. ALL HOLES CUT INTO METAL POSTS AND BRACKETS SHALL BE COMPLETED PRIOR TO POWDER COATING TO AVOID EXPOSED RAW METAL EDGES AND SURFACES SUBJECTING THEM TO POSSIBLE RUST OR CORROSION.
9. ALUMINUM MEMBERS SHALL MEET THE REQUIREMENTS OR GRADE 6061 ALUMINUM.
10. ALUMINUM AND STEEL CONSTRUCTION SHALL BE DETAILED, FABRICATED, AND CONSTRUCTED TO MEET THE REQUIREMENTS OF ARCHITECTURAL EXPOSED STEEL CONSTRUCTION. TOLERANCES SHALL BE AS REQUIRED FOR ARCHITECTURAL EXPOSED STEEL CONSTRUCTION. ALL WELDS SHALL BE GROUND SMOOTH.
11. CONTRACTOR SHALL SUBMIT FOR REVIEW THE FOLLOWING ITEMS PRIOR TO CONSTRUCTION:
    - 11.1. ALL CONCRETE MIX DESIGNS AND ALL CONCRETE ADDITIVES PROPOSED FOR CONCRETE CONSTRUCTION.
    - 11.2. REINFORCING SHOP DRAWINGS SHOWING BAR SIZES AND LOCATIONS, BAR BENDS, AND BAR QUANTITIES FOR ALL CONCRETE ELEMENTS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION.
    - 11.3. SHOP DRAWINGS FOR ALL ALUMINUM AND STEEL ELEMENTS FOR TRELLIS CONSTRUCTION. DETAILS ON THESE SHEETS SHOW THE STRUCTURAL DESIGN INTENT. ALTERNATE DETAILS AND CONNECTIONS MAY BE CONSIDERED BASED ON THE GC AND FABRICATORS CONSIDERATION OF THE ARCHITECTURAL INTENT AND CONSTRUCTABILITY. PROPOSED DETAILS THAT VARY GREATLY FROM WHAT IS SHOWN MAY REQUIRE THAT CALCULATIONS BE SUBMITTED SHOWING THAT THE CONNECTIONS MEET THE INTENDED LOADING REQUIREMENTS.
12. ALL SCREWS AND BOLTS USED TO ATTACH THE ALUMINUM INSERT PANEL SHALL BE TAMPER PROOF WITH THE EXCEPTION OF THE SCREWS & BOLTS ON THE ACCESSIBLE PANEL.
13. ALL METAL FEATURES SHALL BE GROUNDED. CONTRACTOR TO SUBMIT SHOP DRAWINGS INDICATING THE METHODS USED TO GROUND ALL METAL FEATURES.
14. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR DECORATIVE PANEL MOUNTING METHODS PRIOR TO INSTALLATION.

1 GRAND LAWN ARBOR
L305 SCALE: 1/2" = 1'-00"





2 SHADE UMBRELLAS
L305 SCALE: N.T.S.



STRUCTURAL NOTES:

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2. CONCRETE FOR FOUNDATIONS AND PEDESTALS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
3. REINFORCING SHALL COMPLY WITH ASTM SPECIFICATION A615, GRADE 60.
4. ALL FOUNDATION TOP BARS SHALL TERMINATE WITH A STANDARD 90 DEGREE HOOK.
5. ALL WOOD MEMBERS SHALL BE PREMIUM GRADE IPE UNLESS OTHERWISE NOTED.
6. ALL WOOD MEMBERS SHALL RECEIVE TWO (2) COATS CLEAR SEALANT.
7. ALL HARDWARE AND FASTENERS SHALL BE ALUMINUM, OR GALVANIZED STEEL PAINTED OR POWDER COATED TO MATCH POSTS UNLESS OTHERWISE NOTED.
8. ALL HOLES CUT INTO METAL POSTS AND BRACKETS SHALL BE COMPLETED PRIOR TO POWDER COATING TO AVOID EXPOSED RAW METAL EDGES AND SURFACES SUBJECTING THEM TO POSSIBLE RUST OR CORROSION.
9. ALUMINUM MEMBERS SHALL MEET THE REQUIREMENTS OR GRADE 6061 ALUMINUM.
10. ALUMINUM AND STEEL CONSTRUCTION SHALL BE DETAILED, FABRICATED, AND CONSTRUCTED TO MEET THE REQUIREMENTS OF ARCHITECTURAL EXPOSED STEEL CONSTRUCTION. TOLERANCES SHALL BE AS REQUIRED FOR ARCHITECTURAL EXPOSED STEEL CONSTRUCTION. ALL WELDS SHALL BE GROUND SMOOTH.
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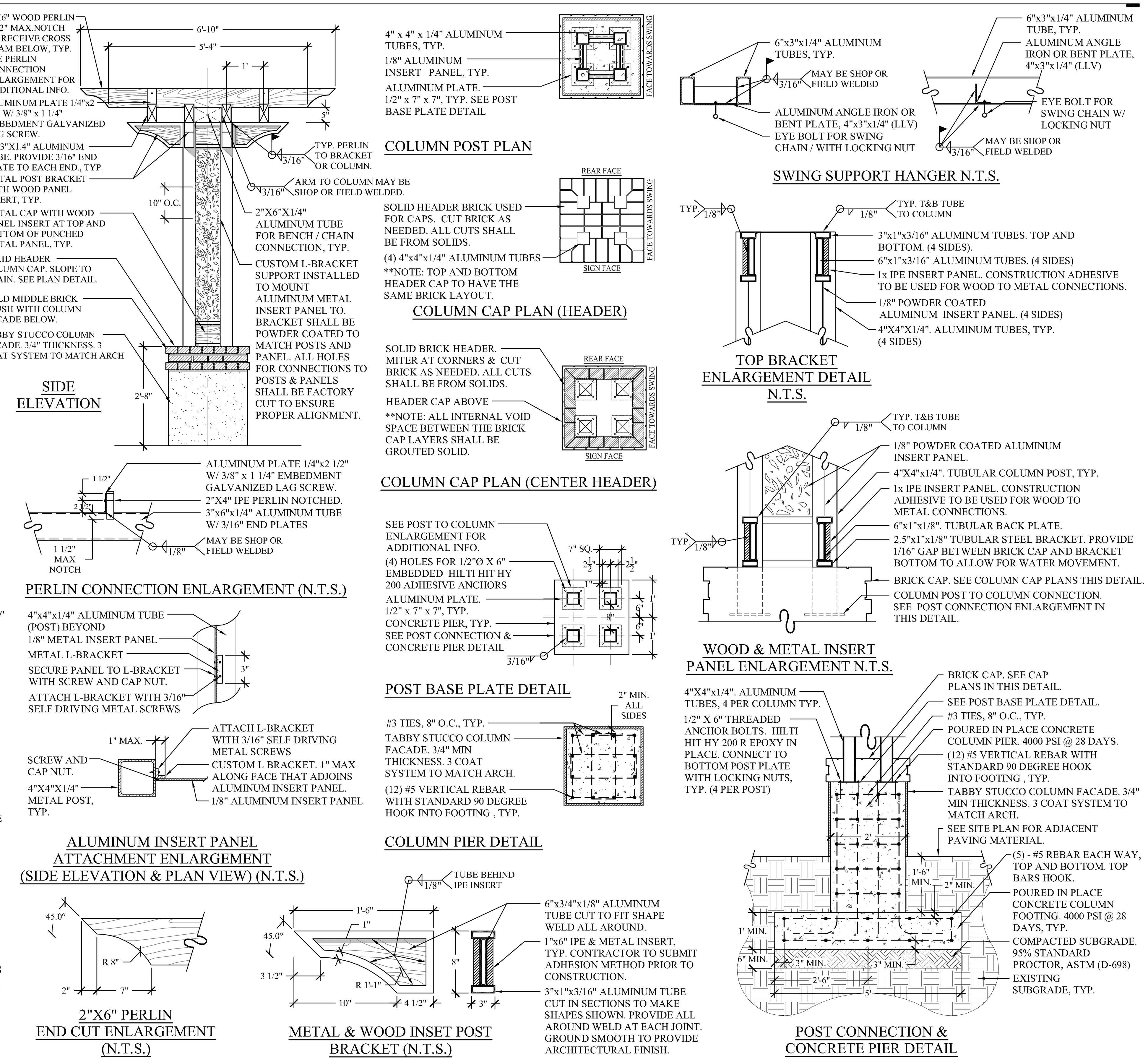
    - 11.2. REINFORCING SHOP DRAWINGS SHOWING BAR SIZES AND LOCATIONS, BAR BENDS, AND BAR QUANTITIES FOR ALL CONCRETE ELEMENTS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION.
    - 11.3. SHOP DRAWINGS FOR ALL ALUMINUM AND STEEL ELEMENTS FOR TRELLIS CONSTRUCTION. DETAILS ON THESE SHEETS SHOW THE STRUCTURAL DESIGN INTENT. ALTERNATE DETAILS AND CONNECTIONS MAY BE CONSIDERED BASED ON THE GC AND FABRICATORS CONSIDERATION OF THE ARCHITECTURAL INTENT AND CONSTRUCTABILITY. PROPOSED DETAILS THAT VARY GREATLY FROM WHAT IS SHOWN MAY REQUIRE THAT CALCULATIONS BE SUBMITTED SHOWING THAT THE CONNECTIONS MEET THE INTENDED LOADING REQUIREMENTS.
12. ALL SCREWS AND BOLTS USED TO ATTACH THE ALUMINUM INSERT PANEL SHALL BE TAMPER PROOF WITH THE EXCEPTION OF THE SCREWS & BOLTS ON THE ACCESSIBLE PANEL.
13. ALL METAL FEATURES SHALL BE GROUNDED. CONTRACTOR TO SUBMIT SHOP DRAWINGS INDICATING THE METHODS USED TO GROUND ALL METAL FEATURES.
14. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR DECORATIVE PANEL MOUNTING METHODS PRIOR TO INSTALLATION.



3 SWING TRELLIS
L305 SCALE: 1/2" = 1'-00"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

DATE 6-30-2016
PROJECT NUMBER 01-16002
SHEET TITLE Site Details

SHEET NUMBER L-305

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PO Box 23949 ■ Hilton Head Island, SC 29925
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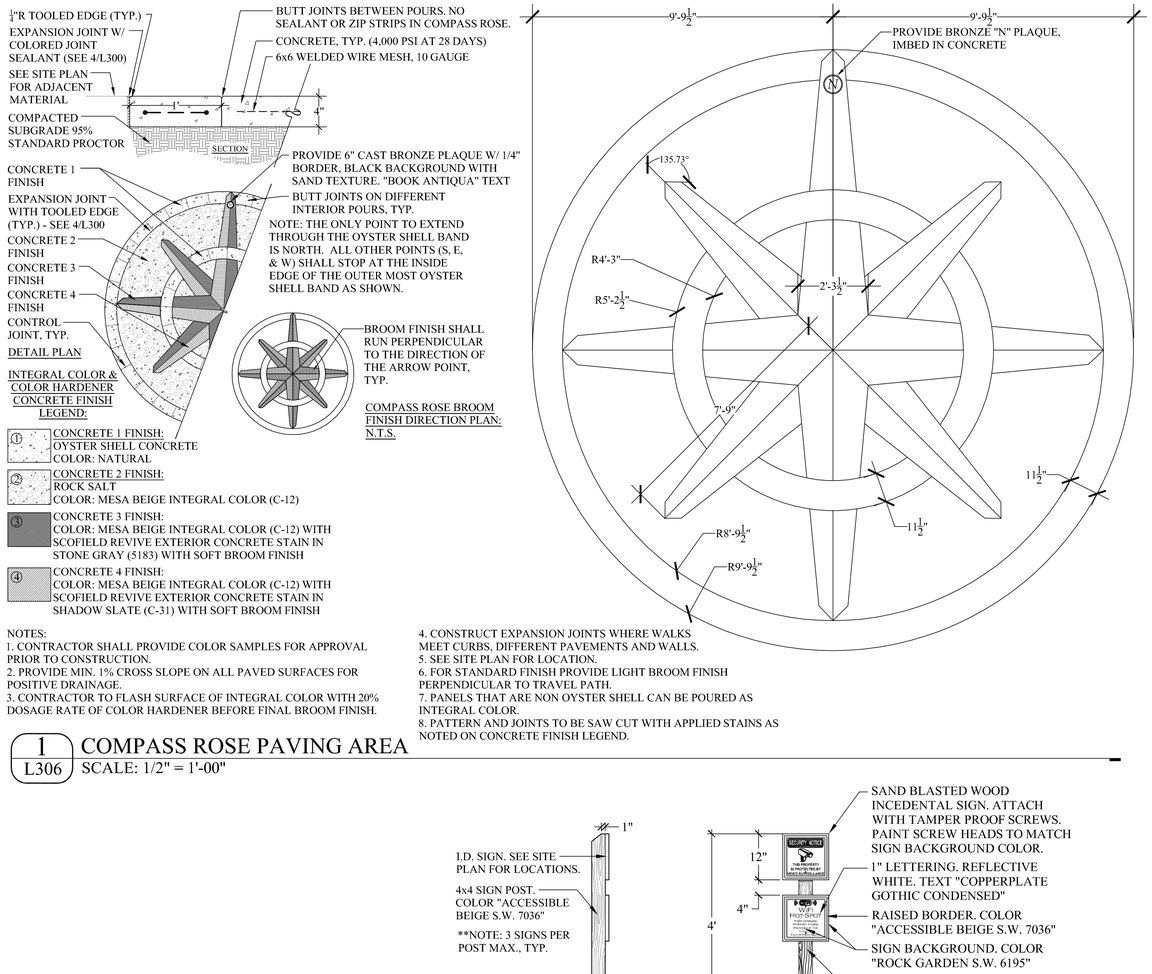


① CONCRETE 1 FINISH:
OYSTER SHELL CONCRETE
COLOR: NATURAL

② CONCRETE 2 FINISH:
ROCK SALT
COLOR: MESA BEIGE INTEGRAL COLOR (C-12)

③ CONCRETE 3 FINISH:
COLOR: MESA BEIGE INTEGRAL COLOR (C-12) WITH SCOFIELD REVIVE EXTERIOR CONCRETE STAIN IN STONE GRAY (5183) WITH SOFT BROOM FINISH

④ CONCRETE 4 FINISH:
COLOR: MESA BEIGE INTEGRAL COLOR (C-12) WITH SCOFIELD REVIVE EXTERIOR CONCRETE STAIN IN SHADOW SLATE (C-31) WITH SOFT BROOM FINISH

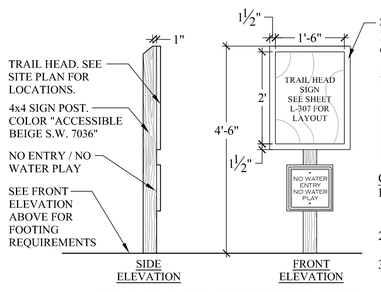
NOTES:
1. CONTRACTOR SHALL PROVIDE COLOR SAMPLES FOR APPROVAL PRIOR TO CONSTRUCTION.
2. PROVIDE MIN. 1% CROSS SLOPE ON ALL PAVED SURFACES FOR POSITIVE DRAINAGE.
3. CONTRACTOR TO FLASH SURFACE OF INTEGRAL COLOR WITH 20% DOSAGE RATE OF COLOR HARDENER BEFORE FINAL BROOM FINISH.
4. CONSTRUCT EXPANSION JOINTS WHERE WALKS MEET CURBS, DIFFERENT PAVEMENTS AND WALLS.
5. SEE SITE PLAN FOR LOCATION.
6. FOR STANDARD FINISH PROVIDE LIGHT BROOM FINISH PERPENDICULAR TO TRAVEL PATH.
7. PANELS THAT ARE NON OYSTER SHELL CAN BE POURED AS INTEGRAL COLOR.
8. PATTERN AND JOINTS TO BE SAW CUT WITH APPLIED STAINS AS NOTED ON CONCRETE FINISH LEGEND.

1 L306 COMPASS ROSE PAVING AREA
SCALE: 1/2" = 1'-00"

NOTES:
1) LIFE SIZE SEATED FROG BY BEAU SMITH'S STUDIO
WWW.BEAUTIFIULFROG.COM
(770) 434-6404
2)FROG TO BE PLACED ON WOOD BENCH. COORDINATE WITH SCULPTOR TO PROVIDE ANCHOR/TIES TO BENCH & APPROPRIATE GROUNDING

4 L306 FROG SCULPTURE ON BENCH
SCALE: NTS

INCIDENTAL SIGN(S)



TRAIL HEAD SIGN WITH INCIDENTAL SIGN

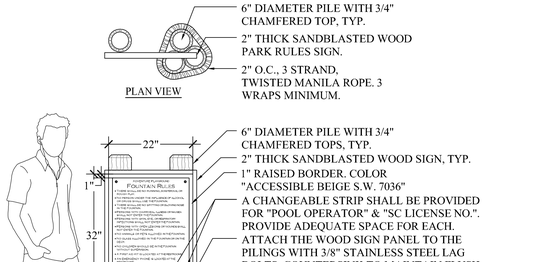
ADDITIONAL SIGNS

SEE L-307 FOR SIGN DIMENSION, DESIGN STANDARDS AND GRAPHIC PANEL REQUIREMENTS.

SIGN IDENTIFICATION LEGEND
SEE SITE PLAN FOR LOCATIONS OF SIGNS:
A. EMERGENCY PHONE SIGN
B. WI-FI / SECURITY CAMERA SIGN
C. NO ENTRY / NO WATER PLAY SIGN
D. ADDRESS SIGN
E. ELECTRIC CAR CHARGING STATION SIGN

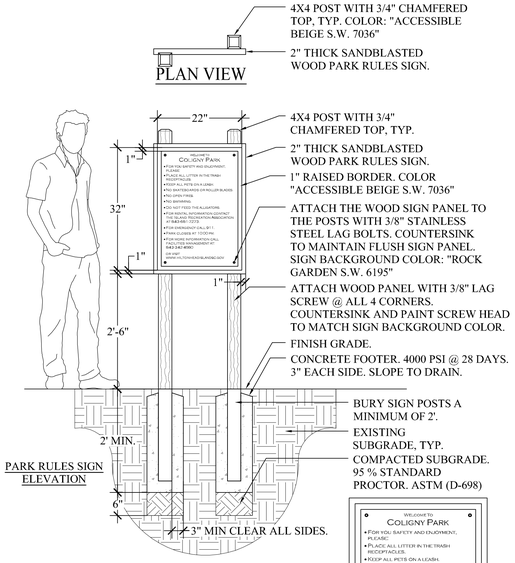
GENERAL NOTES
1. SAND ALL EXPOSED BOARDS TO A SMOOTH FINISH BEFORE APPLYING PAINT OR SEALANT.
2. ALL WOOD SHALL BE #1 SELECT GRADE S.Y.P., UNLESS OTHERWISE SPECIFIED.
3. ALL NUTS, BOLTS, SCREWS, AND WASHERS TO BE HOT DIPPED, GALVANIZED . THE USE OF NAILS IS NOT A PERMITTED METHOD OF ATTACHMENT.
4. A MAXIMUM OF 3 SIGNS PER POST.
5. ALL SIGN GRAPHICS, TEXT STYLES AND HEIGHTS SHALL BE PROVIDED IN SHOP DRAWINGS FOR CLIENT / CLIENT REPRESENTATIVE APPROVAL PRIOR TO ORDERING & INSTALLATION
6. ELECTRICAL VEHICLE CHARGING STATION TO BE ON 8' 6X6 P.T. POST. (ACCESSIBLE BEIGE SW 7036).

5 L306 I.D. / INCIDENTAL SIGNS
SCALE: 3/4" = 1'-00"



***NOTE: FINAL SIGN LAYOUT INCLUDING PAINT COLORS, TEXT STYLE, & FONT HEIGHTS SHALL BE APPROVED BY THE CLIENT OR OWNER REPRESENTATIVE PRIOR TO MANUFACTURING OR INSTALLATION. CONTRACTOR TO PROVIDE SHOP DRAWINGS THAT ILLUSTRATE ALL SIGN ELEMENTS LISTED ABOVE AND SHOWN IN THIS DETAIL PRIOR TO INSTALL. ARCHITECT WILL PROVIDE TEXT AS SHOWN.

2 L306 PLAYGROUND & FOUNTAIN RULES SIGN
SCALE: 3/4" = 1'-00"



***NOTE: FINAL SIGN LAYOUT INCLUDING PAINT COLORS, TEXT STYLE, & FONT HEIGHTS SHALL BE APPROVED BY THE CLIENT OR OWNER REPRESENTATIVE PRIOR TO MANUFACTURING OR INSTALLATION. CONTRACTOR TO PROVIDE SHOP DRAWINGS THAT ILLUSTRATE ALL SIGN ELEMENTS LISTED ABOVE AND SHOWN IN THIS DETAIL PRIOR TO INSTALL. ARCHITECT WILL PROVIDE TEXT, AS SHOWN.

3 L306 PARK RULES SIGN
SCALE: 3/4" = 1'-00"

FREESTANDING INTERPRETIVE SIGN TYPE A

FREESTANDING INTERPRETIVE SIGN TYPE A WITH SOUND BOX

GENERAL NOTES
1. SAND ALL EXPOSED BOARDS TO A SMOOTH FINISH BEFORE APPLYING PAINT OR SEALANT.
2. ALL WOOD SHALL BE #1 SELECT GRADE S.Y.P., UNLESS OTHERWISE SPECIFIED.
3. ALL NUTS, BOLTS, SCREWS, AND WASHERS TO BE HOT DIPPED, GALVANIZED OR STAINLESS STEEL AND PAINTED . THE USE OF NAILS IS NOT A PERMITTED METHOD OF ATTACHMENT.
4. ALL SIGN GRAPHICS, TEXT STYLES AND HEIGHTS SHALL BE PROVIDED IN SHOP DRAWINGS FOR CLIENT / CLIENT REPRESENTATIVE APPROVAL PRIOR TO ORDERING & INSTALLATION. IF THE SIGN IS INTENDED TO BE MOUNTED ON A CONCRETE SLAB THE SIMPSON STRONG TIE CPT44Z CONCEALED POST TIE SHALL BE USED TO MAKE THE CONNECTION.
5. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF ALL PROPOSED BRACKETS AND MOUNTING METHODS FOR REVIEW PRIOR TO CONSTRUCTION.
6. ALL METAL BRACKETS AND HARDWARE USED TO SECURE THE BRACKETS SHALL BE POWDER COATED "PROTEGE BRONZE S.W.6153"
7. SEE DETAIL 1/L307 FOR PROPOSED INTERPRETIVE SIGN LOCATIONS.

HANDRAIL MOUNT INTERPRETIVE SIGN TYPE B

6 L306 INTERPRETIVE SIGNS
SCALE: 3/4" = 1'-00"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: BH, EL
CHECKED BY: TG

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PROFESSIONAL STAMPS:

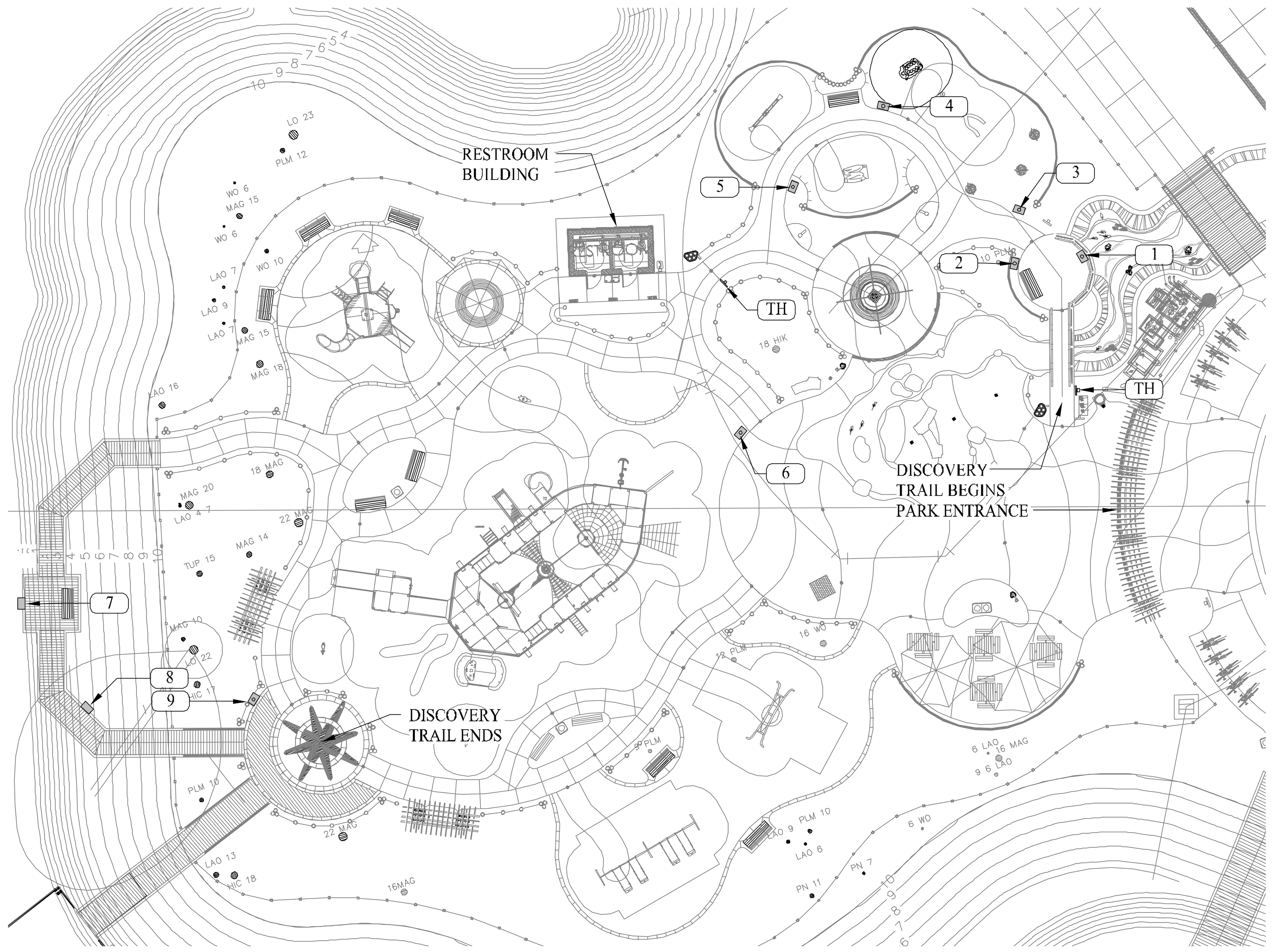
#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
Site Details

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER
L-306

G:\Projects\HHP\Parks\Coligny Park_RDSK\TS\Packages\Work\CPARKD-160927-DETAILS.dwg, Thursday, July 07, 2016, Printed By: Erik Ladd This document and all reproducible copies of this document are the property of wood + partners, inc. reproduction or alteration of this drawing without the written consent of wood + partners, inc. is prohibited.



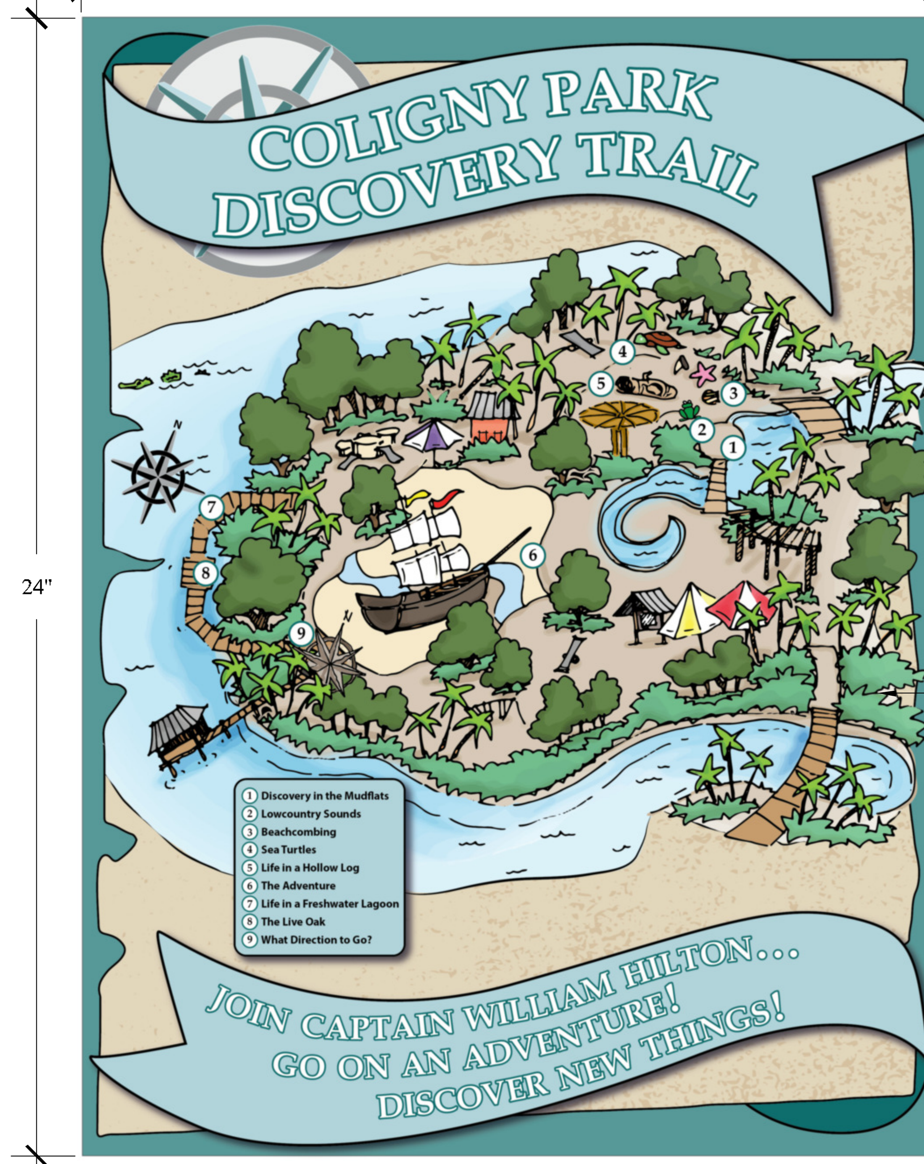
INTERPRETIVE SIGNS:	TYPE	QTY.
TH TRAILHEAD SIGN	A	2
1 DISCOVERY IN THE MUD FLATS	A	1
2 LOWCOUNTRY SOUNDS	A	1
3 BEACHCOMBING	A	1
4 SEA TURTLES	A	1
5 LIFE IN A HOLLOW LOG	A	1
6 THE "*ADVENTURE*"	A	1
7 LIFE IN A FRESH WATER LAGOON	B	1
8 THE LIVE OAK	B	1
9 WHAT DIRECTION TO GO?	A	1

NOTE:
SEE INTERPRETIVE SIGN GRAPHICS BELOW FOR GRAPHIC LAYOUT AND CONTEXT. GRAPHIC TEMPLATES SHALL BE PROVIDED BY LANDSCAPE ARCHITECT FOR SIGN FABRICATOR USE.

1 / L307 PARK DISCOVERY TRAIL SIGNAGE LOCATIONS
SCALE: 1"= 20'

18"

24"



INTERPRETIVE SIGN PANEL:
18"x24" GRAPHIC PANEL (FULL BLEED) "SCOTCH PRINT" OR EQUAL ON BACK OF 1/8" NON-GLARE ACRYLIC. GRAPHIC PANEL SHALL BE MOUNTED TO SANDBLASTED PODIUM TOP. SEE DETAIL 6 L306 FOR PANEL INFORMATION.

NOTE:
TEMPLATES AND FINAL GRAPHICS AND TEXT SHALL BE PROVIDED BY LANDSCAPE ARCHITECT FOR SIGN FABRICATOR USE.

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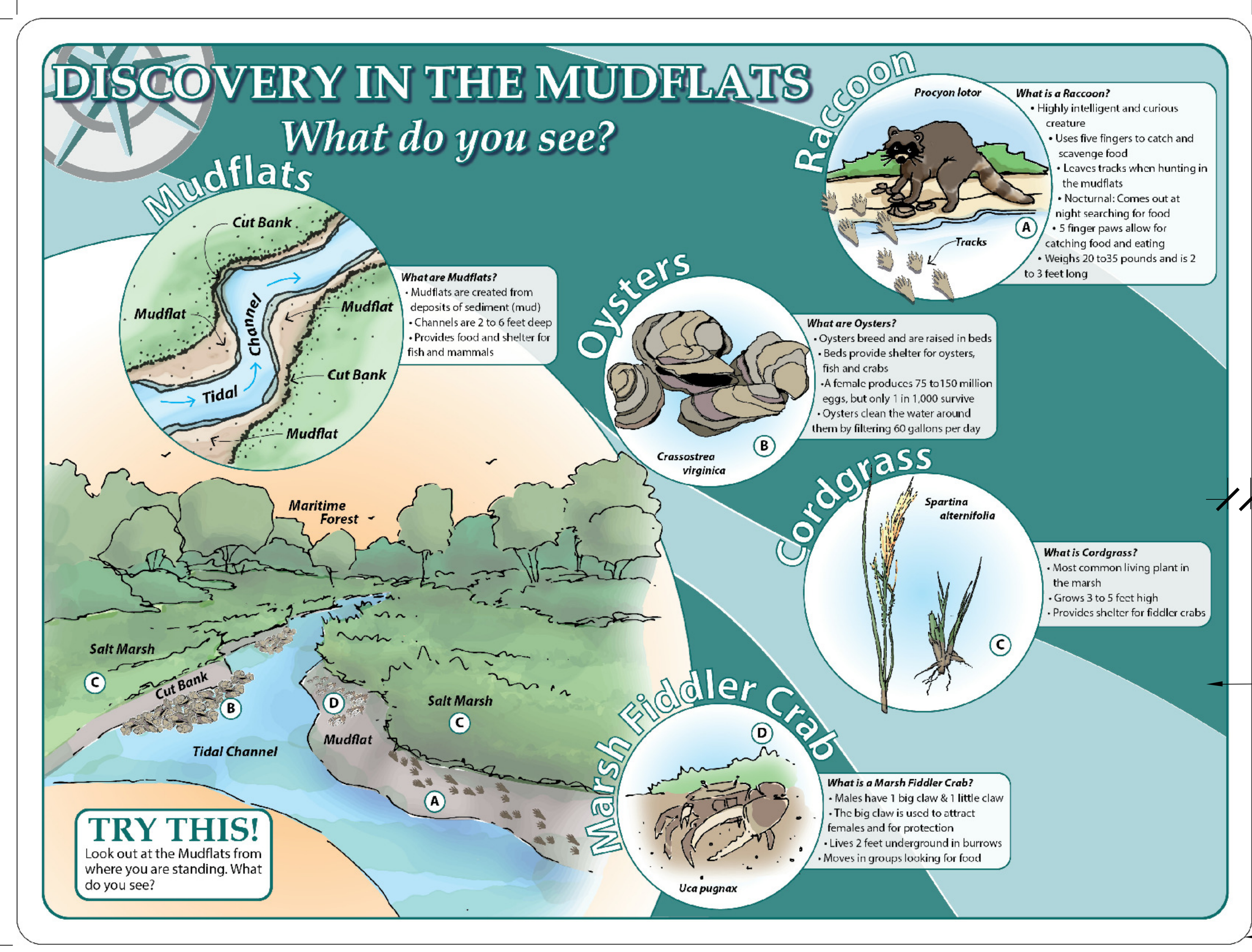
2 / L307 TRAIL HEAD SIGNAGE GRAPHIC
SCALE: NOT TO SCALE

24"

18"



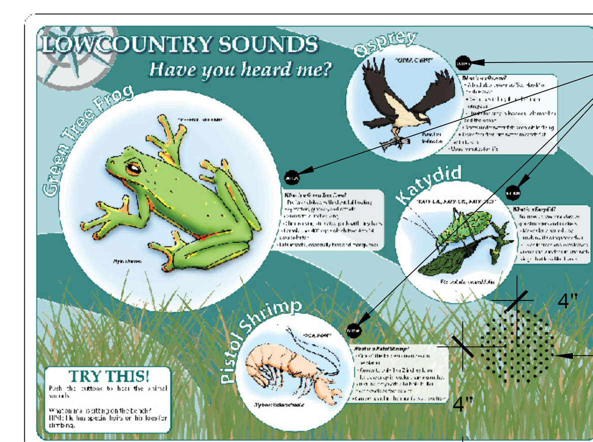
1/2" BORDER, TYP.

INTERPRETIVE SIGN PANEL:
18"x24" GRAPHIC PANEL (1/2" BORDER) "SCOTCH PRINT" OR EQUAL ON BACK OF 1/8" NON-GLARE ACRYLIC. GRAPHIC PANEL SHALL BE MOUNTED TO SANDBLASTED PODIUM TOP. SEE DETAIL 6/L306 FOR PANEL INFORMATION.

1/2" RADIUS AT EACH CORNER

1 - DISCOVERY IN THE MUDFLATS

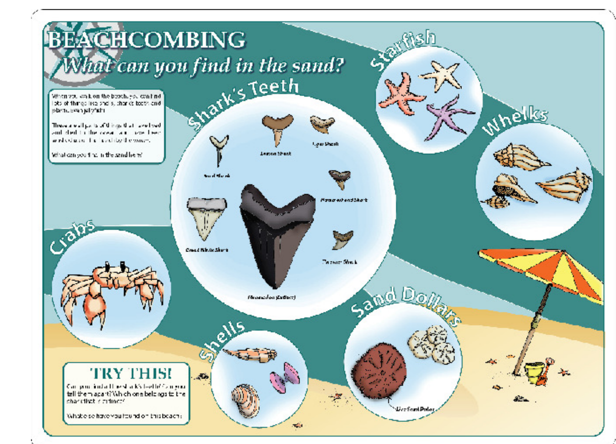
NOTE:
TEMPLATES AND FINAL GRAPHICS AND TEXT SHALL BE PROVIDED BY LANDSCAPE ARCHITECT FOR SIGN FABRICATOR USE.



PROPOSED LOCATIONS FOR 16MM BUTTONS (PROVIDED IN TOUR-MATE SOLAR SIGN KIT). AUDIO WILL BE PROVIDED BY ARCHITECT IN MP3 FORMAT FOR EACH REQUIRED SOUND.

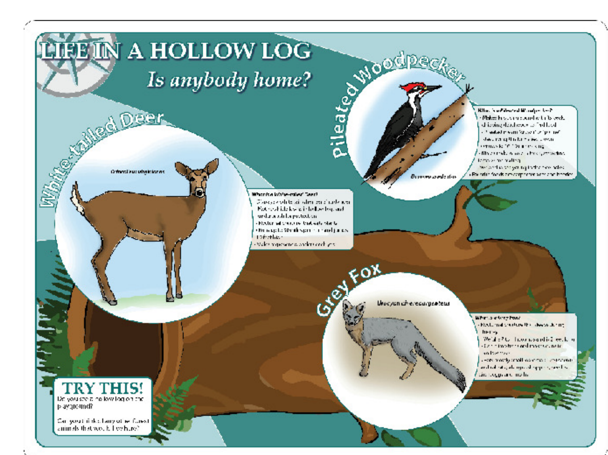
3" DIA. PERFORATED AREA FOR SPEAKER INTERFACE (EACH HOLE = 0.125" DIA.) MATCH SPACING ON GRAPHIC FOR HOLE QUALITY.

2 - LOWCOUNTRY SOUNDS

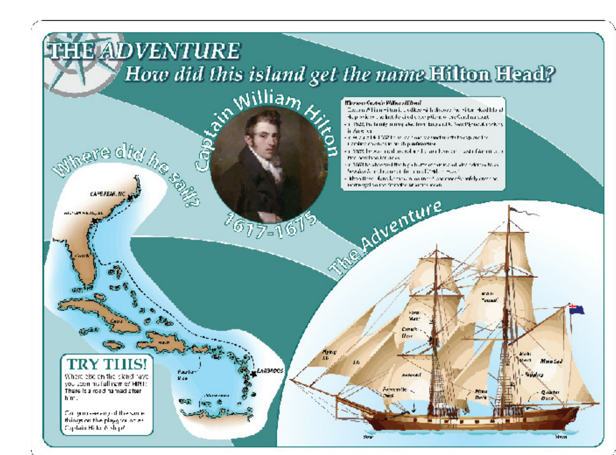


3 - BEACHCOMBING

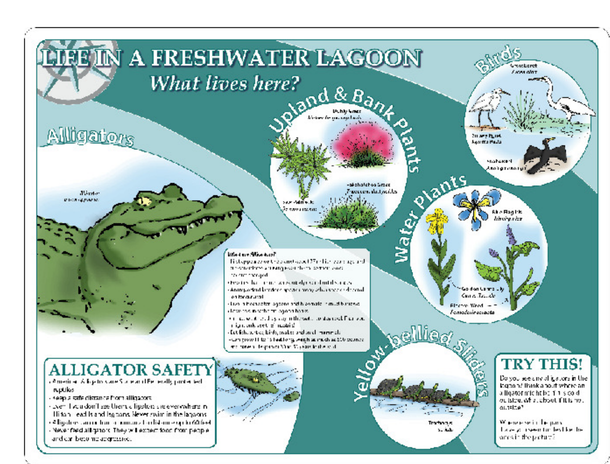
4 - SEA TURTLES



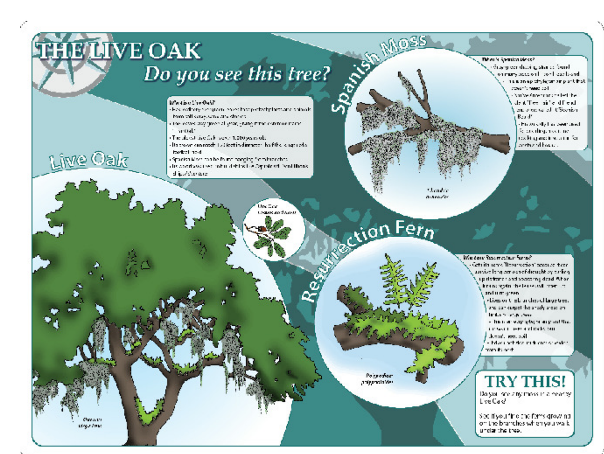
5 - LIFE IN A HOLLOW LOG



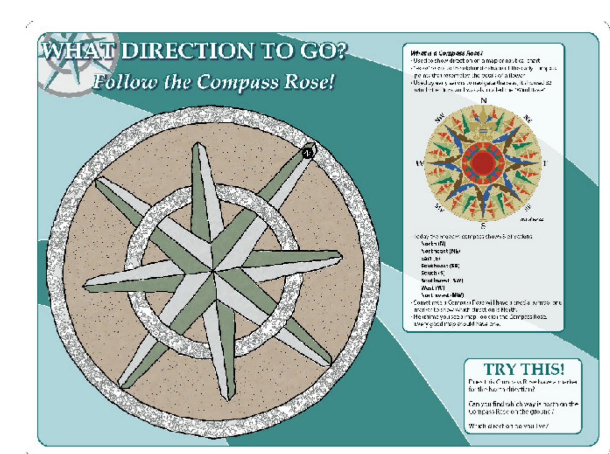
6 - THE *ADVENTURE*



7 - LIFE IN A FRESHWATER LAGOON



8 - THE LIVE OAK



9 - WHICH DIRECTION TO GO?

3 / L307 INTERPRATIVE SIGNAGE GRAPHICS
SCALE: NOT TO SCALE

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
BH, EL
CHECKED BY:
TG

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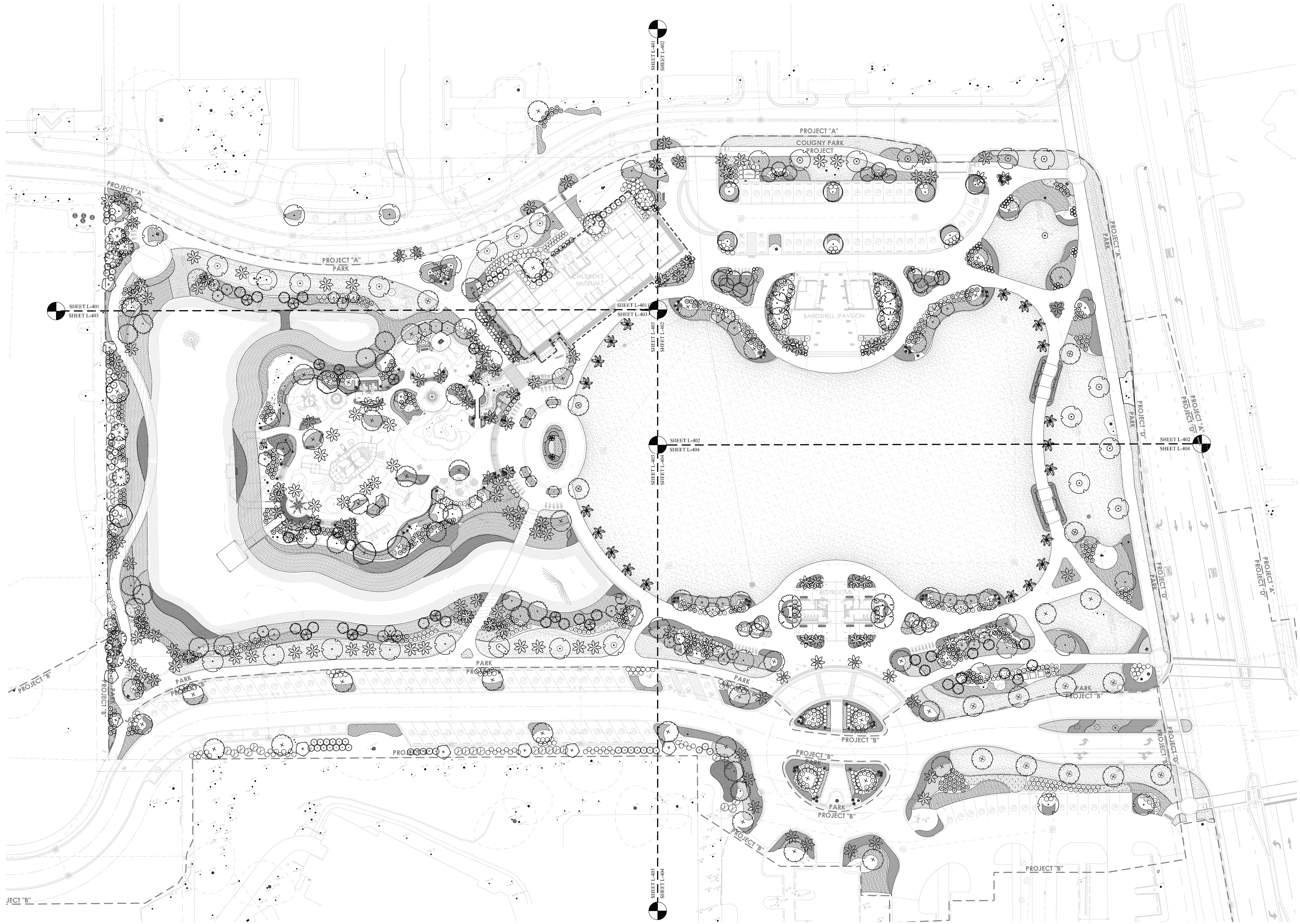
PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
Interpretive Signage

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 Hilton Head Island, SC 29925
843.681.6618 Fax 843.681.7086 www.woodandpartners.com

SHEET NUMBER
L-307



0' 15' 30' 60' 90' 120'

SCALE: 1" - 30'-0"

N

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
BH, EL

CHECKED BY:
TG

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PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

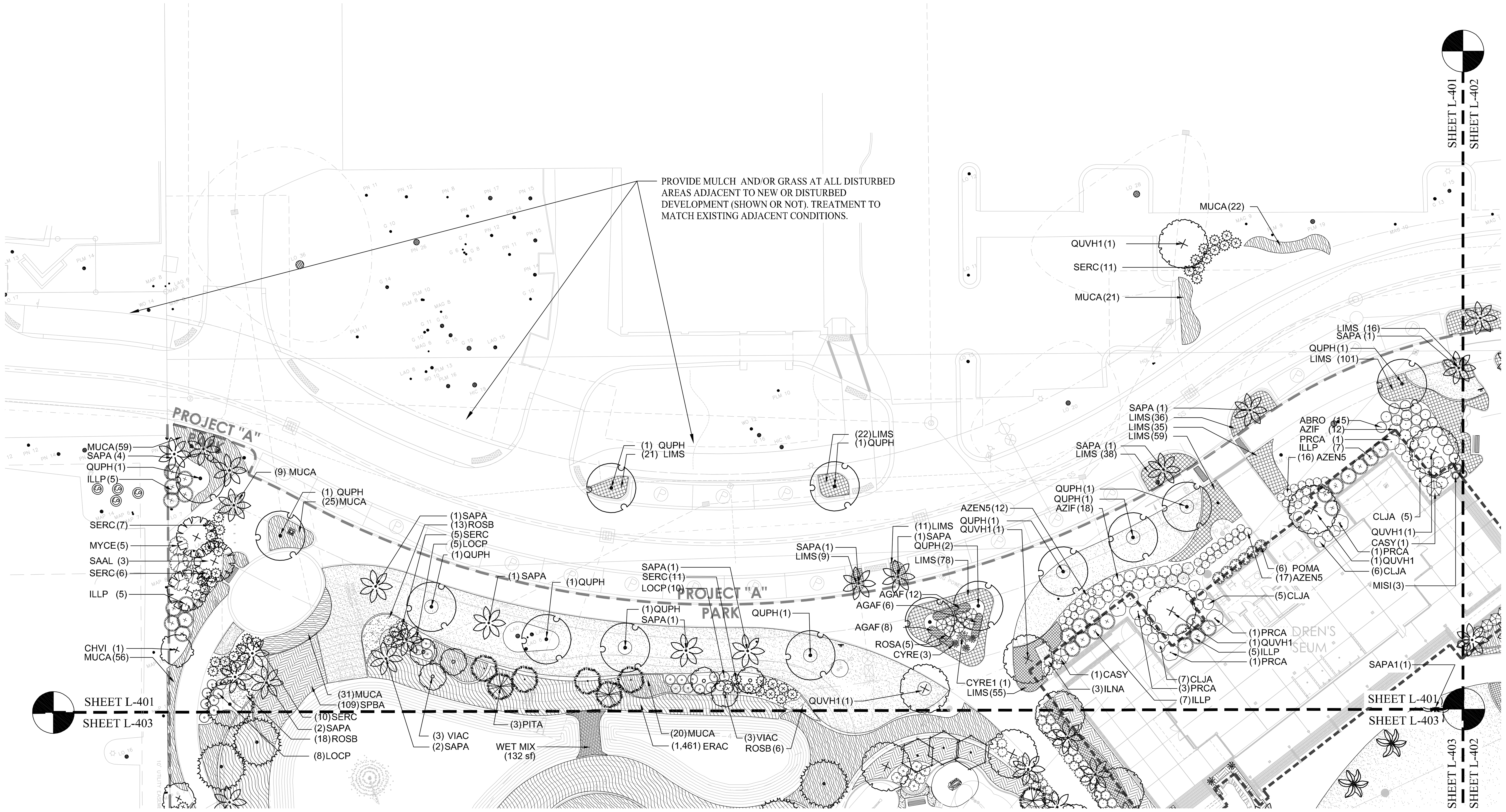
SHEET TITLE
Overall Landscape

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 Hilton Head Island, SC 29925
843.681.6618 Fax 843.681.7086 www.woodandpartners.com

SHEET NUMBER
L-400

GENERAL PLANTING & IRRIGATION NOTES:

1. ALL PLANTING IS INCLUDED IN PARK PROJECT.
2. PROVIDE MULCH RINGS FOR ALL EXISTING TREES IN SOD AREAS.
3. CONTRACTOR TO SUPPLY AUTOMATIC IRRIGATION SYSTEM, COMPLETE AND INSTALLED. SYSTEM TO INCLUDE ALL VALVES, PIPES, HEADS, FITTINGS AND BACKFLOW CONTROLLER, AND TO PROVIDE 100% COVERAGE OF ALL SOD, AND PLANTING BEDS.
4. ANY DEVIATION FROM THESE PLANS MUST BE SPECIFICALLY APPROVED BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
5. NOTIFY LANDSCAPE ARCHITECT OF ANY SITE CONDITIONS WHICH MAY NECESSITATE MODIFICATION TO THE PLAN. LANDSCAPE ARCHITECT SHALL, IF NECESSARY, MAKE "IN-FIELD MODIFICATIONS".
6. FINE GRADING SHALL CONSIST OF HAND RAKED SMOOTH, FREE OF ROCKS, ROOTS, AND OTHER DEBRIS, ALL AREAS TO RECEIVE LANDSCAPE PLANTING, INCLUDING LAWN AREAS IF APPLICABLE, AND/OR PINE STRAW MULCH.
7. CONTRACTOR IS RESPONSIBLE FOR INSPECTION OF EXISTING CONDITIONS AND PROMPTLY REPORTING ANY DISCREPANCIES. CONTRACTOR TO PERFORM SOIL TESTS AS SPECIFIED.
8. CONTRACTOR IS RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE THAT MAY OCCUR TO EXISTING UTILITIES.
9. MULCH ALL PLANTING BEDS WITH PINE STRAW MULCH TO A 4" DEPTH. SEE PLANS FOR LOCATIONS.
10. CONTRACTOR TO VERIFY THAT ALL PLANT MATERIAL IS DETERMINED AVAILABLE AS SPECIFIED WHEN BID/PROPOSAL IS SUBMITTED. DO NOT MAKE SUBSTITUTIONS. IF THERE ARE DIFFICULTIES LOCATING PLANT MATERIAL AS SPECIFIED, CONTACT LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO BIDDING.
11. PLANT SCHEDULE WAS PREPARED FOR ESTIMATING PURPOSES FOR THE CONTRACTOR'S CONVENIENCE ONLY. ITS ACCURACY IS NOT GUARANTEED. CONTRACTOR SHALL MAKE HIS/HER OWN QUANTITIES TAKEOFF USING DRAWINGS TO DETERMINE QUANTITIES TO HIS/HER SATISFACTION, REPORTING PROMPTLY ANY DISCREPANCIES WHICH MAY AFFECT BIDDING.
12. THE CONTRACTOR SHALL COORDINATE WITH OWNER/OWNER'S REPRESENTATIVE TO ESTABLISH A PLANTING SCHEDULE THAT PRIORITIZES THE PLANTING OF ALL TREES AND LAWN AREAS.
13. ALL PLANTS SHALL BE SUBJECT TO APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE BEFORE, DURING, AND AFTER INSTALLATION.
14. ALL PLANTING TECHNIQUES SHALL CONFORM TO THE APPLICABLE DETAIL.
15. ALL PLANTS SHALL HAVE A WELL FORMED HEAD WITH MINIMUM CALIPER, HEIGHT, AND SPREAD OR THE SIDE BRANCHES AS SHOWN ON THE PLANT LIST. TRUNKS SHALL BE UNDAMAGED AND SHAPE SHALL BE TYPICAL OF THE SPECIES.
16. ANNUALS TO BE PER OWNER'S CHOICE FOR SEASON OF INSTALLATION.
17. EXTERIOR PLANTS SHALL HAVE A ONE YEAR WARRANTY FROM DATE OF SUBSTANTIAL COMPLETION, AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR DEFECTS RESULTING FROM LACK OF ADEQUATE MAINTENANCE, NEGLECT, OR ABUSE BY OWNER, OR INCIDENTS THAT ARE BEYOND CONTRACTOR'S CONTROL.
18. ALL PLANT BEDS TO RECEIVE WEED INHIBITOR OF PREEN OR EQUAL.



SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

SCALE: 1" - 20'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: BH, EL

CHECKED BY: TG

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PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

DATE 6-30-2016

PROJECT NUMBER 01-16002

SHEET TITLE Landscape Plan

Wood+Partners Inc. Landscape Architects Land Planners
PO Box 23949 Hilton Head Island, SC 29925
843.681.6618 Fax 843.681.7086 www.woodandpartners.com

SHEET NUMBER

L-401

GENERAL PLANTING & IRRIGATION NOTES:

1. ALL PLANTING IS INCLUDED IN PARK PROJECT.
2. PROVIDE MULCH RINGS FOR ALL EXISTING TREES IN SOD AREAS.
3. CONTRACTOR TO SUPPLY AUTOMATIC IRRIGATION SYSTEM, COMPLETE AND INSTALLED. SYSTEM TO INCLUDE ALL VALVES, PIPES, HEADS, FITTINGS AND BACKFLOW CONTROLLER, AND TO PROVIDE 100% COVERAGE OF ALL SOD, AND PLANTING BEDS.
4. ANY DEVIATION FROM THESE PLANS MUST BE SPECIFICALLY APPROVED BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
5. NOTIFY LANDSCAPE ARCHITECT OF ANY SITE CONDITIONS WHICH MAY NECESSITATE MODIFICATION TO THE PLAN. LANDSCAPE ARCHITECT SHALL, IF NECESSARY, MAKE "IN-FIELD MODIFICATIONS".
6. FINE GRADING SHALL CONSIST OF HAND RAKED SMOOTH, FREE OF ROCKS, ROOTS, AND OTHER DEBRIS, ALL AREAS TO RECEIVE LANDSCAPE PLANTING, INCLUDING LAWN AREAS IF APPLICABLE, AND/OR PINE STRAW MULCH.
7. CONTRACTOR IS RESPONSIBLE FOR INSPECTION OF EXISTING CONDITIONS AND PROMPTLY REPORTING ANY DISCREPANCIES. CONTRACTOR TO PERFORM SOIL TESTS AS SPECIFIED.
8. CONTRACTOR IS RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE THAT MAY OCCUR TO EXISTING UTILITIES.
9. MULCH ALL PLANTING BEDS WITH PINE STRAW MULCH TO A 4" DEPTH. SEE PLANS FOR LOCATIONS.
10. CONTRACTOR TO VERIFY THAT ALL PLANT MATERIAL IS DETERMINED AVAILABLE AS SPECIFIED WHEN BID/PROPOSAL IS SUBMITTED. DO NOT MAKE SUBSTITUTIONS. IF THERE ARE DIFFICULTIES LOCATING PLANT MATERIAL AS SPECIFIED, CONTACT LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO BIDDING.
11. PLANT SCHEDULE WAS PREPARED FOR ESTIMATING PURPOSES FOR THE CONTRACTOR'S CONVENIENCE ONLY. ITS ACCURACY IS NOT GUARANTEED. CONTRACTOR SHALL MAKE HIS/HER OWN QUANTITIES TAKEOFF USING DRAWINGS TO DETERMINE QUANTITIES TO HIS/HER SATISFACTION, REPORTING PROMPTLY ANY DISCREPANCIES WHICH MAY AFFECT BIDDING.
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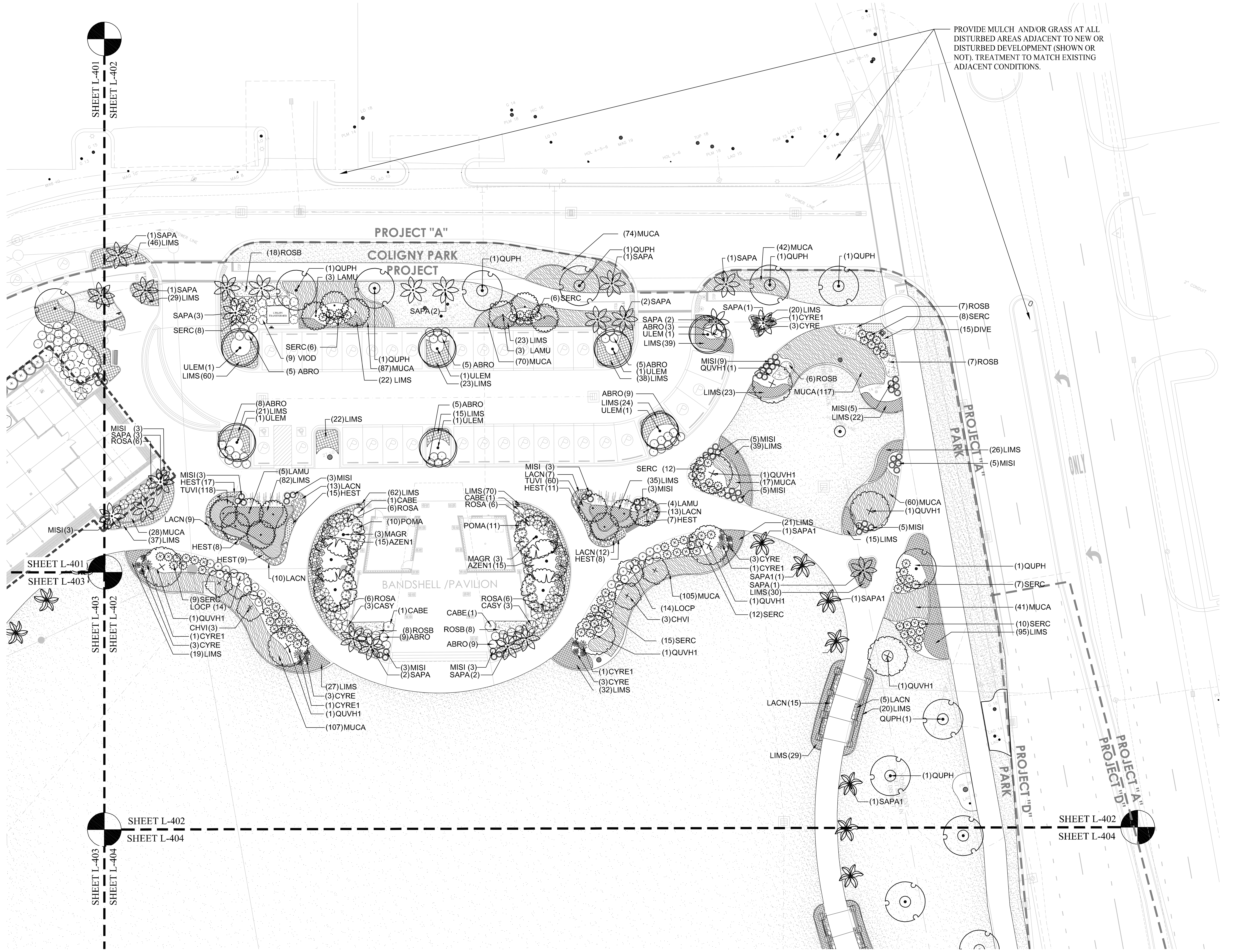

0' 10' 20' 40' 60' 80'

SCALE: 1" - 20'-0"

N

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
BH, EL

CHECKED BY:
TG

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PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
Landscape Plan

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 Hilton Head Island, SC 29925
843.681.6618 Fax 843.681.7086 www.woodandpartners.com

SHEET NUMBER
L-402

GENERAL PLANTING & IRRIGATION NOTES:

1. ALL PLANTING IS INCLUDED IN PARK PROJECT.
2. PROVIDE MULCH RINGS FOR ALL EXISTING TREES IN SOD AREAS.
3. CONTRACTOR TO SUPPLY AUTOMATIC IRRIGATION SYSTEM, COMPLETE AND INSTALLED. SYSTEM TO INCLUDE ALL VALVES, PIPES, HEADS, FITTINGS AND BACKFLOW CONTROLLER, AND TO PROVIDE 100% COVERAGE OF ALL SOD, AND PLANTING BEDS.
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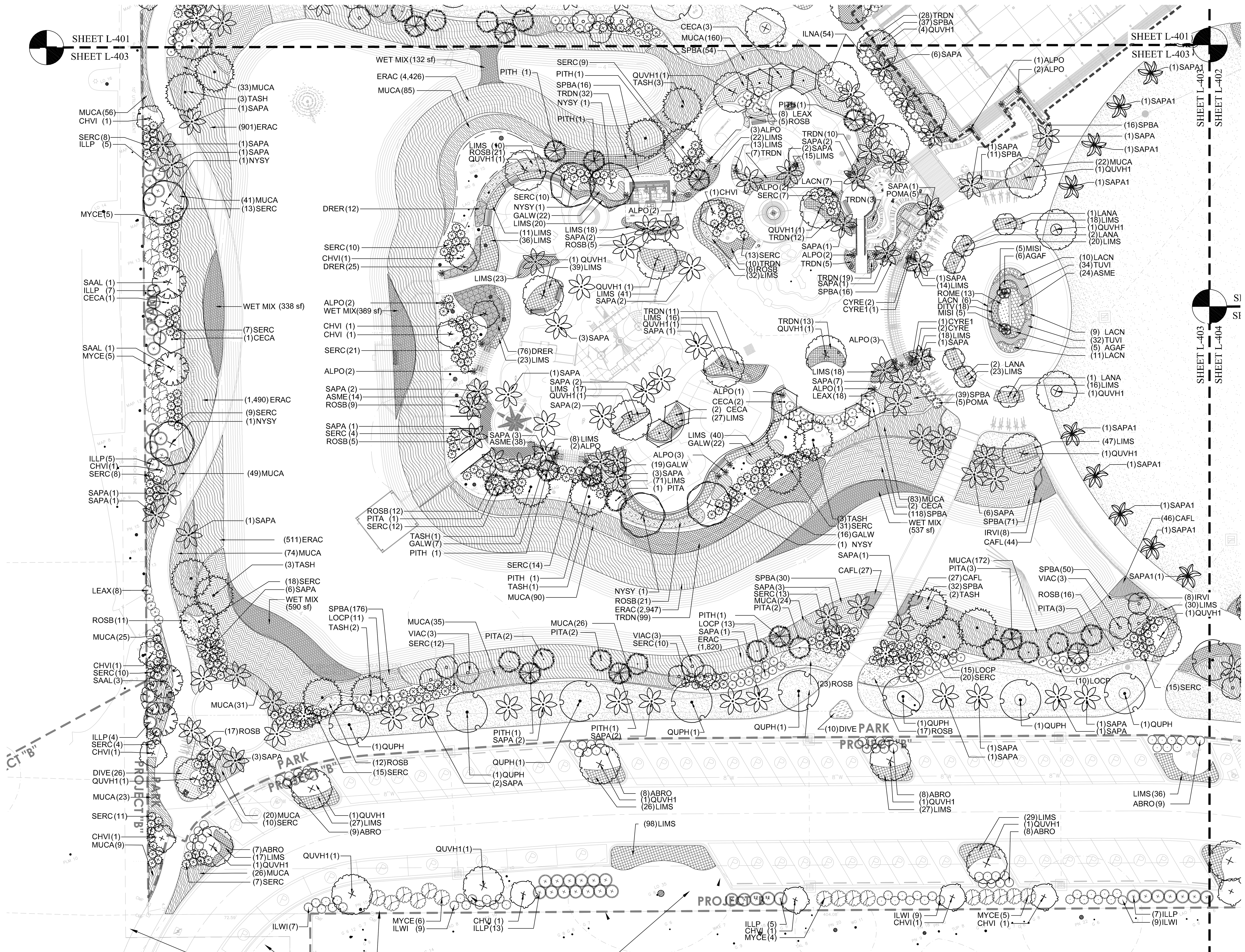

MULCH UNDER TREES AND IN BETWEEN PROPOSED PLANTINGS TO CREATE A FRESH NEW COVER.

PROVIDE MULCH AND/OR GRASS AT ALL DISTURBED AREAS ADJACENT TO NEW OR DISTURBED DEVELOPMENT (SHOWN OR NOT). TREATMENT TO MATCH EXISTING ADJACENT CONDITIONS.

0' 10' 20' 40' 60' 80'

SCALE: 1" = 20'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
BH, EL

CHECKED BY:
TG

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PROFESSIONAL STAMPS:

SOUTH CAROLINA REGISTERED LANDSCAPE ARCHITECT KYLE H. THEODORE

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
Landscape Plan

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 Hilton Head Island, SC 29925
843.681.6618 Fax 843.681.7086 www.woodandpartners.com

SHEET NUMBER
L-403

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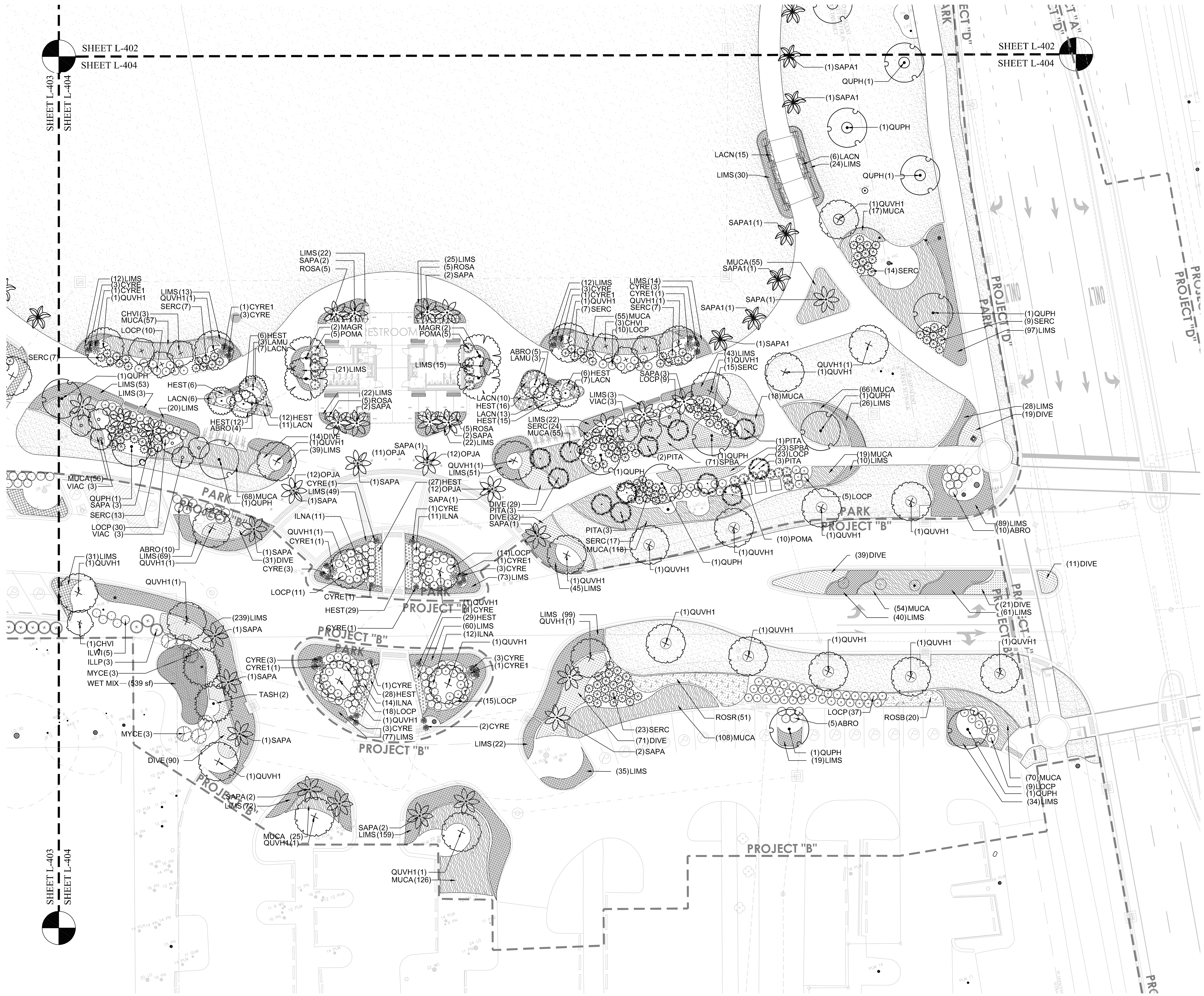

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FOR
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BH, EL

CHECKED BY:
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SHEET NUMBER
L-404

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	HEIGHT	SPREAD	REMARKS
CECA	11	Cercis canadensis `Forest Pansy`	Forest Pansy Eastern Redbud	B & B or Cont.	1.5"Cal		8`-10`	3`-4`	Category IV Replacement; Strong Central Leader
CHVI	27	Chionanthus virginicus	White Fringetree	B & B			6`-8`		Category IV Replacement; match in size and shape; single leader
LAMU	21	Lagerstroemia x `Muskogee`	Lavender Crape Myrtle Multi-Trunk	B & B or Cont.	1.5"Cal		10`-12`	4`-5`	Category IV Replacement; 3-5 Canes Minimum
LANA	6	Lagerstroemia x `Natchez`	Crape Myrtle	B & B or Cont.	1.5"Cal		10`-12`	4`-5`	Category IV Replacement; Single Trunk/Standard; 6` Clear Trunk
MAGR	10	Magnolia grandiflora `Alta`	Alta Magnolia	B & B	2.5"Cal		12`-14`	4`-5`	Category I Replacement; Full to Ground Specimen
NYSY	6	Nyssa sylvatica	Black Gum	B & B or Cont.	2 1/2" Cal		12`-14`	3`-4`	Category II; Strong Central Leader; 4` Clear Trunk
PITA	28	Pinus taeda	Loblolly Pine	Cont.	1.5"Cal		8`-10`	6-8`	Category III Replacement/Strong central leader; Specimen
PITH	13	Pinus thunbergii	Japanese Black Pine	Cont.	1.5"Cal		8`-10`	6-8`	Category III Replacement/Strong central leader; Specimen
QUPH	44	Quercus phellos	Willow Oak	B & B	4"Cal		16`-18`	7`-8`	Category II Replacement/Strong central leader
QUVH1	71	Quercus virginiana `High Rise`	High Rise Live Oak	B & B or Cont.	4"Cal		12`-14`	4`-6`	Category I Replacement
SAPA	150	Sabal palmetto	Cabbage Palmetto	B & B			16`-18`		Category III Replacement; Height Varies; Smooth Trunk; Hurricane Cut
SAPA1	21	Sabal palmetto	Cabbage Palmetto	B & B			18` Matched		Category III Replacement; Matched; Refoliated
SAAL	8	Sassafras albidum	Sassafras	B & B	2" Cal		12`-14`	4`-5`	Category II Replacement
TASH	21	Taxodium distichum `Shawnee Brave` TM	Bald Cypress	B & B	3"Cal		14`-16`	5`-6`	Category I Replacement; Strong central leader
ULEM	7	Ulmus parvifolia `Emer II`	`Emer II` Allee Elm	B & B or Cont.	4"Cal		16`-18`	6`-8`	Category II Replacement; Full Crown; Specimen
VIAC	24	Vitex agnus-castus	Chaste Tree	15 gal			4`-5`		Category IV Replacement; Full

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HEIGHT	SPREAD	REMARKS
ABRO	155	Abelia x `Rose Creek`	Rose Creek Abelia	1 gal	18"-24"	12"-18"	Full
ALPO	28	Alocasia portadora	Persian Palm	1 gal	3`-4`	2`-3`	
AZIF	30	Azalea indica `Formosa`	Formosa Azalea	3 gal	24"-30"	24"-30"	Full
AZEN5	45	Azalea x `Robled`	Azalea Encore Autumn Chiffon TM	3 gal	24"-30"	24"-30"	Full
AZEN1	30	Azalea x `Roblef`	Azalea Encore Autumn Sundance TM	3 gal	24"-30"	24"-30"	Full pot
CABE	4	Camellia japonica `Berenice Boddy`	Camellia	7 gal	36"-42"	18"-24"	Full
CASY	8	Camellia sasanqua `Yuletide`	Yuletide Camellia	7 gal	36"-42"	18"-24"	Multi Trunk Tree Form. 3 Tunk min.
CLJA	23	Cleyera japonica	Sakaki	7 gal	36"-42"	18"-24"	
CYRE	57	Cycas revoluta	Sago Palm	Cont.	18"-24"	18"-24"	Full, SPECIMEN
CYRE1	16	Cycas revoluta	Japanese Sago Palm	Cont.	36"-48"	24"-36"	Full, SPECIMEN
ILNA	105	Ilex vomitoria `Nana`	Dwarf Yaupon	3 gal	36"-42"	30"-36"	
ILWI	39	Ilex vomitoria `Will Flemming`	Will Flemming Yaupon	7 gal	36"-42"	30"-36"	Upright, Single-Stem
ILLP	78	Illicium floridanum	Purple Anise	7 gal	36"-42"	30"-36"	Full
LEAX	34	Leucothoe axillaris	Coastal Leucothoe	7 gal	36"-42"	30"-36"	Full
LOCP	281	Loropetalum chinense `Purple Diamond`	Fringe Flower	3 gal	24"-36"	24"-36"	Full
MISI	71	Miscanthus sinensis `Adagio`	Adagio Eulalia Grass	3 gal	24"-36"	18"-24"	Full Pot
MYCE	36	Myrica cerifera	Wax Myrtle	7 gal	36"-48"	24"-36"	
POMA	57	Podocarpus macrophyllus	Japanese Yew	7 gal	36"-48"	24"-36"	Full, matched
PRCA	7	Prunus caroliniana	Carolina Laurel Cherry	15 gal	6`-8`	3`-4`	Full; Specimen
ROSA	57	Rosa x `Double Knockout`	Rose `Radtko`	3 gal	18"-24"	12"-18"	Full Pot - Matched
SERC	626	Serenoa repens `Cinerea`	Silver Saw Palmetto	3 gal	18" - 24"	12"-18"	Full pot, Matched
VIOD	9	Viburnum odoratissimum `Awabuki`	Awabuki Viburnum	3 gal	18"-24"	12"-18"	

GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HEIGHT	SPREAD	SPACING	REMARKS
AGAF	37	Agapanthus africanus `Storm Cloud`	Lily of the Nile	1 gal	12"-18"	12"-18"	24" o.c.	Full pot
ASME	81	Asparagus meyeri	Foxtail Fern	1 gal	12"-18"	12"-18"	24" o.c.	Full Pot
CAFL	144	Canna flaccida	Yellow Canna	4"	12-18"	10"-12"	16" o.c.	Rhizome
DITV	18	Dianella tasmanica `Variegata`	Variegated Flax Lily	1 gal	12"-18"	10"-12"	18" o.c.	Full pot
DIVE	410	Dietes vegeta	African Iris	1 gal	12-18"	8"-12"	30" o.c.	Full pot
DRER	113	Dryopteris erythrosora	Autumn Fern	1 gal			24" o.c.	Full Pot
ERAC	13,626	Eragrostis curvula	Weeping Lovegrass	4"	6"-12"	4" - 6"	12" o.c.	
GALW	106	Gaura lindheimeri `Whirling Butterflies`	Pink Whirling Butterflies Gaura	1 gal	12-18"	10"-12"	24" o.c.	
HEST	269	Hemerocallis stella D`oro	Daylily	1 gal	6" - 8"	6" - 8"	18" o.c.	Full Pot
IRVI	16	Iris virginica	Blue Flag Iris	Bare-root	6" - 8"	6"-8"	18" o.c.	
LACN	202	Lantana camara `New Gold`	Gold Mound Lantana	1 gal	10"-12"	10"-12"	24" o.c.	Full Pot
LIMS	4,372	Liriope muscari `Super Blue`	Lily Turf	1 gal	12"-14"	6"-8"	24" o.c.	Full pot
MUCA	3,113	Muhlenbergia capillaris	Muhly Grass	1 Gal.	12"-18"	8"-12"	30" o.c.	Full Pot
OPJA	47	Ophiopogon japonicus	Mondo Grass	4"	4"-6"	4"	12" o.c.	Full pot
ROME	13	Rosa x `Meigalpio`	Red Drift Rose	1 gal	12"-18"	8"-12"	24" o.c.	Full Pot
ROSB	340	Rosmarinus officinalis `Blue Spires`	Blue Spires Rosemary	3 gal	18-24"	18-24"	36" o.c.	Full Pot
SPBA	842	Spartina bakeri	Sand Cord Grass	1 gal	18-24"	18"-24"	36" o.c.	
TRDN	244	Tripsacum dactyloides nana	Dwarf Fakahatchee Grass	1 Gal.	12"-18"	10"-12"	36" o.c.	Full pot
TUVI	244	Tulbaghia violacea	Society Garlic	1 gal			18" o.c.	

MULCH	QTY	BOTANICAL NAME	COMMON NAME	CONT	HEIGHT	SPREAD	SPACING	REMARKS
MULCH	91,610 sf	PINESTRAW	PINESTRAW	mulch				MULCH TO 4" DEPTH

SOD/SEED	QTY	BOTANICAL NAME	COMMON NAME	CONT	HEIGHT	SPREAD	SPACING	REMARKS
CYDA	120,355 sf	Cynodon dactylon `Celebration`	Celebration Bermuda Grass	sod				

AQUATIC PLANTING SCHEDULE

	WET MIX	2,527 sf	
	Canna `Tropicana Gold` / Tropicanna Gold Lily	919	100% Bare-root 18" oc
	Iris virginica / Blue Flag Iris	919	100% Bare-root 18" oc
	Juncus effusus / Soft Rush	517	100% Bare-root 24" oc
	Sagittaria latifolia / Duck Potato	517	100% Bare-root 24" oc
	Pontederia cordata / Pickerel Weed	517	100% Bare-root 24" oc
	Saururus cernuus / Lizard Tail	517	100% Bare-root 24" oc

TREE REPLACEMENT REQUIREMENT ACI (TOTAL)

TREE REPLACEMENT PER ACI CALCULATIONS BASED ON EACH CATEGORY*

TREE CATEGORY	INCHES REQUIRED	# REPLACEMENT TREES REQUIRED	# REPLACEMENT TREES PROVIDED
I Broadleaf Evergreen Overstory	161.67"	81 *(Based on 2" min tree required by TOHH)	(102) Overstory provided to satisfy mitigation numbers (71) 4" Live Oak exceed required planting
II Deciduous Overstory Hardwoods & Evergreen understory	268.58"	134 *(Based on 2.0" min tree required by TOHH)	(65) Overstory provided to satisfy mitigation numbers (19) 4" Live Oak used to offset deficit
III Cone-bearing Evergreens and Palms	167.92"	168 *(Based on 1" min tree required by TOHH)	(36) 1.5" Evergreens & (171) Palms provided to satisfy mitigation numbers
IV Ornamentals	3.01"	3 *(Based on 1" min tree required by TOHH)	(80) Ornamentals provided to satisfy mitigation numbers

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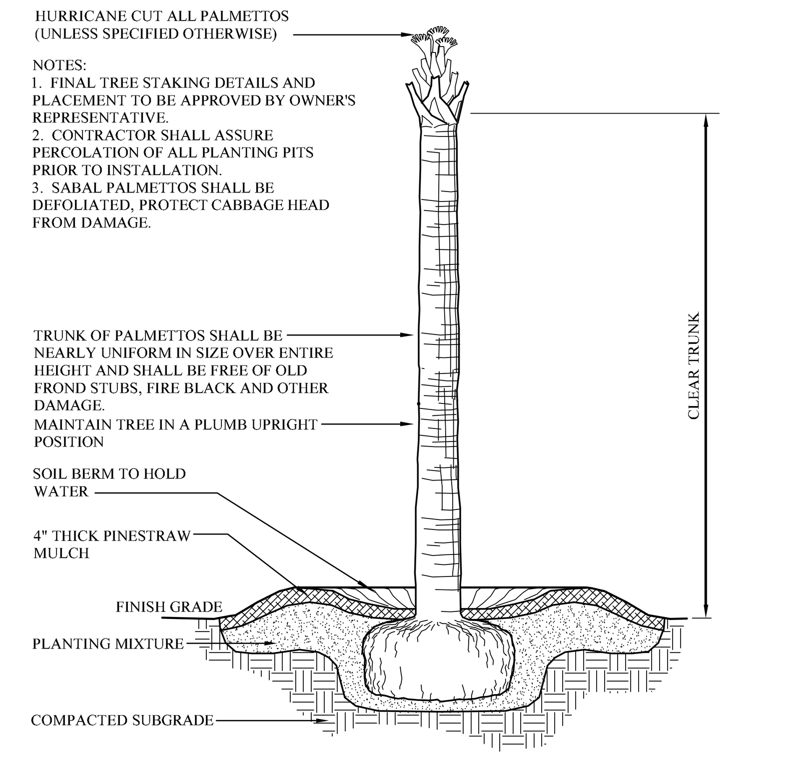
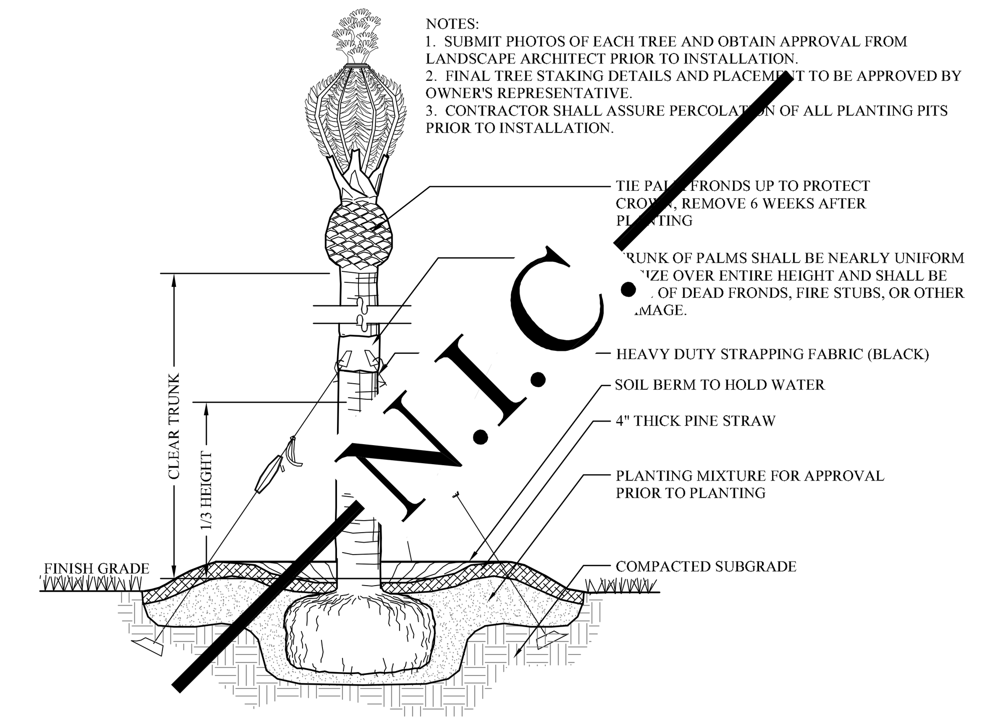
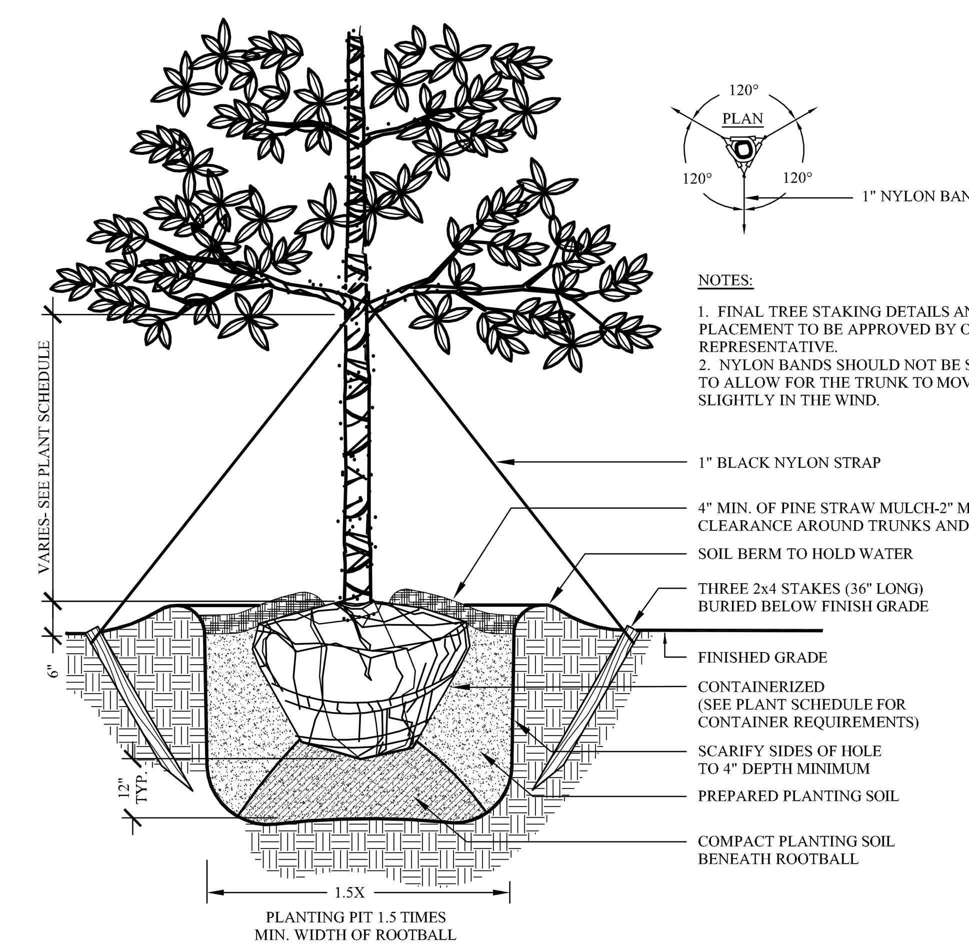


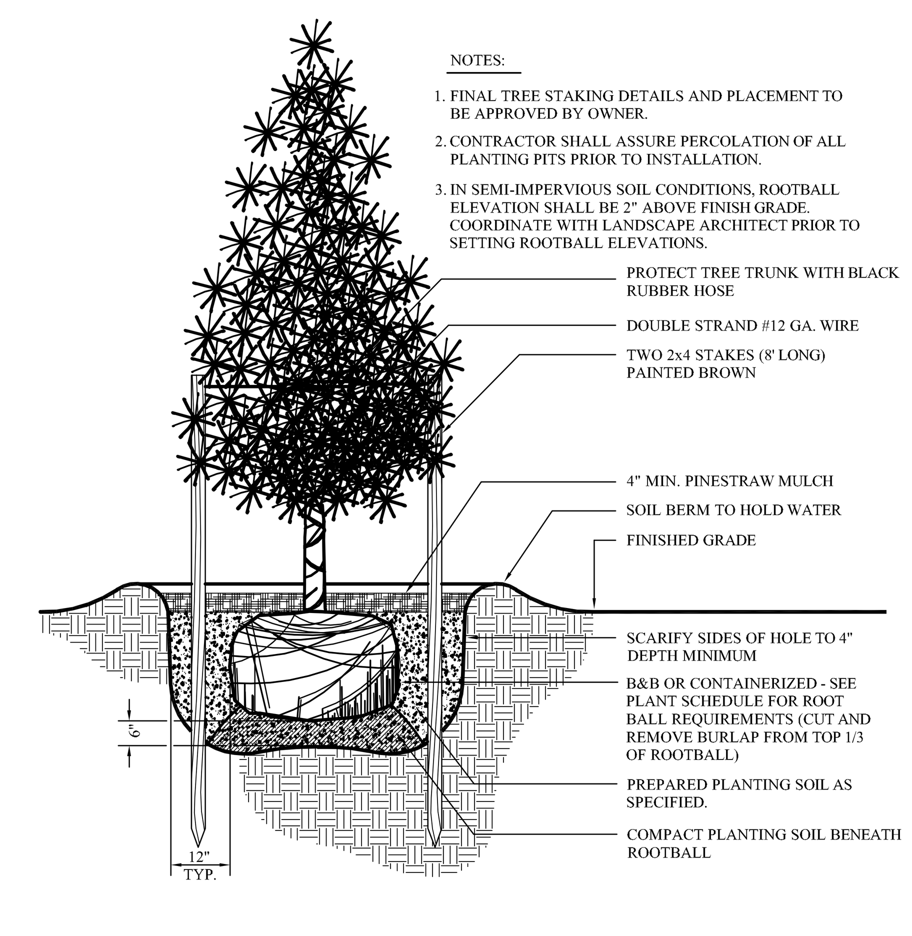
1 PALM TREE
L405 SCALE: N.T.S.



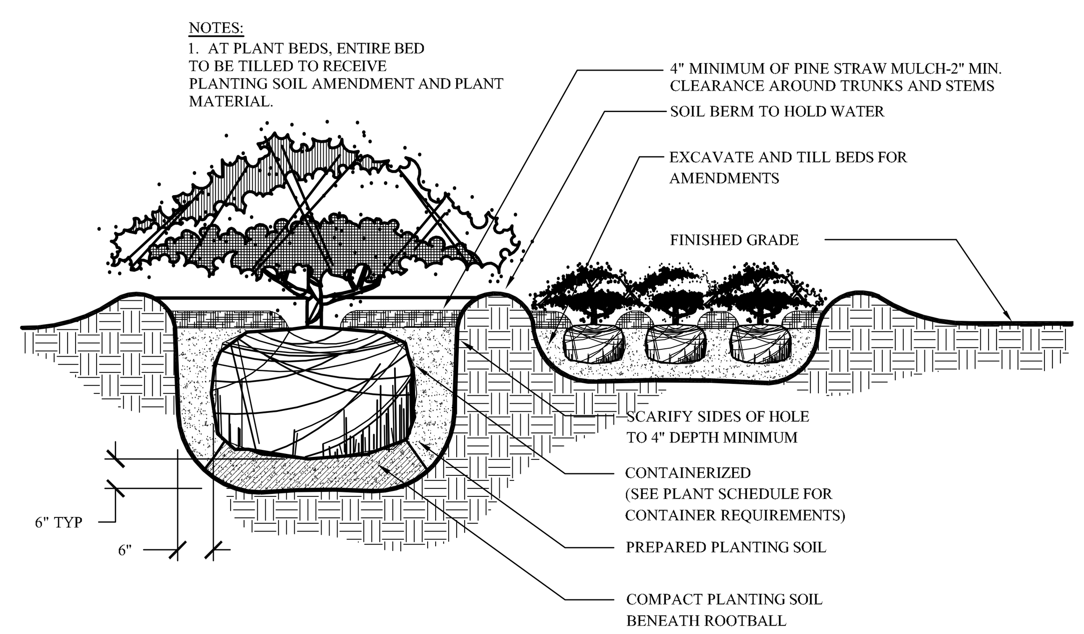
5 SPECIMEN PALM
L405 SCALE: N.T.S.



2 SHADE TREE
L405 SCALE: N.T.S.



6 PINE TREE
L405 SCALE: N.T.S.



3 SHRUB PLANTING
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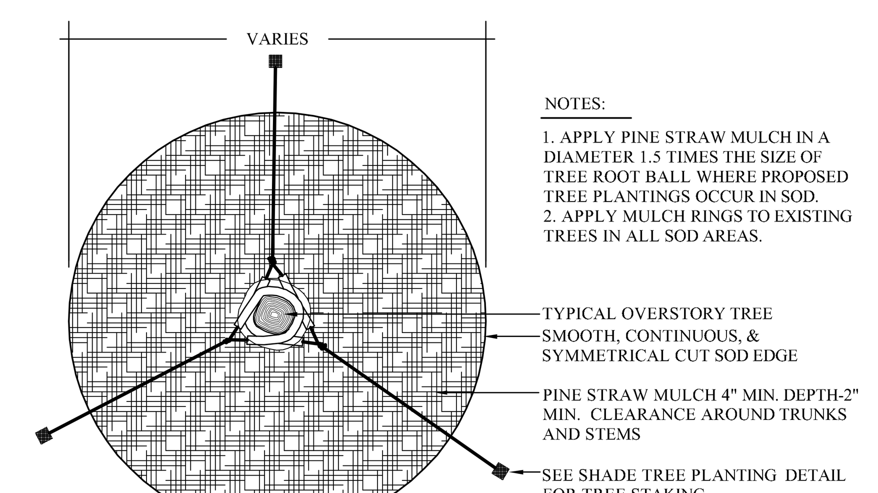
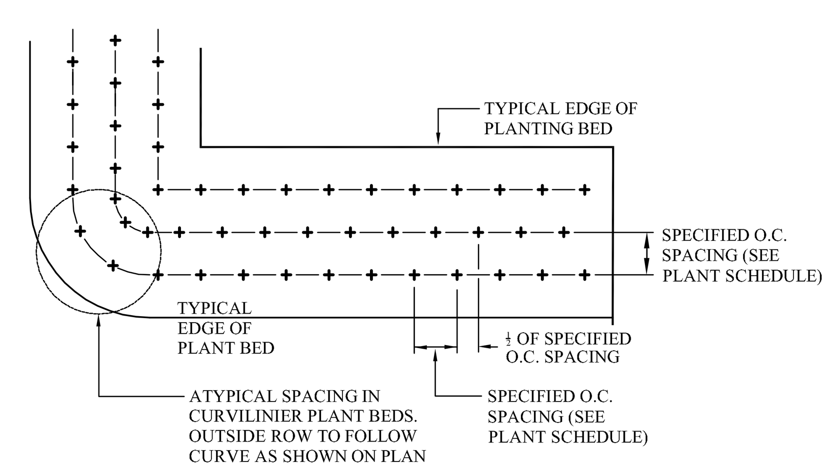
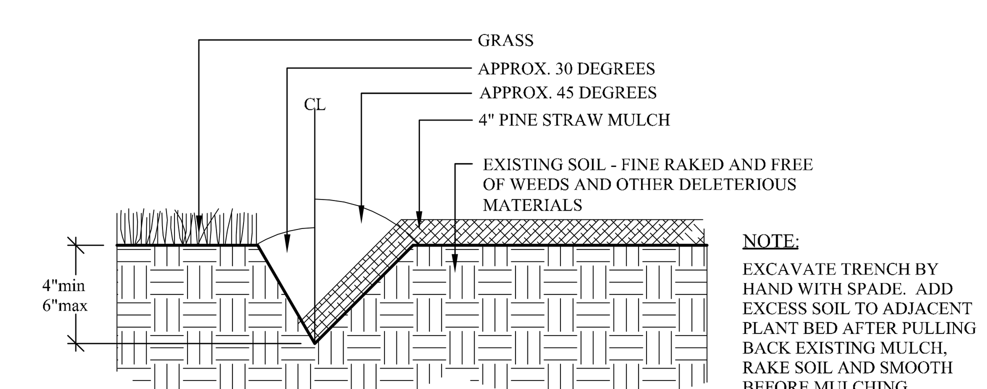


7 MULCH TREE RING
L405 SCALE: N.T.S.



4 GROUNDCOVER SPACING
L405 SCALE: N.T.S.



8 LANDSCAPE EDGE
L405 SCALE: N.T.S.

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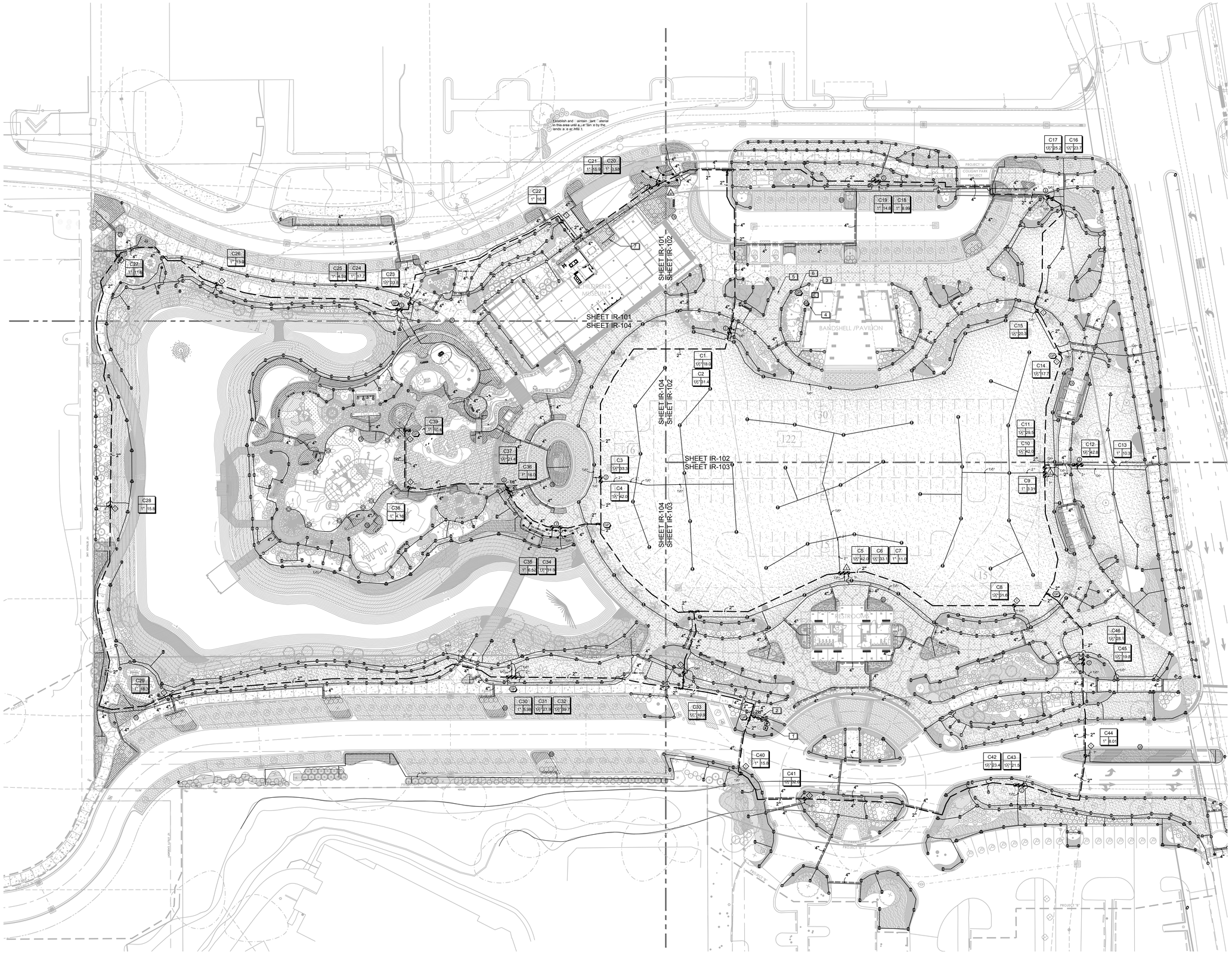
SHEET NUMBER
L-405



0' 15' 30' 60' 90' 120'

SCALE: 1" - 30'-0"

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PLAN IS SUBJECT TO CHANGE.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
MDC

CHECKED BY:
TG

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PROFESSIONAL STAMPS:

REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
Overall Irrigation

SHEET NUMBER
IR-100

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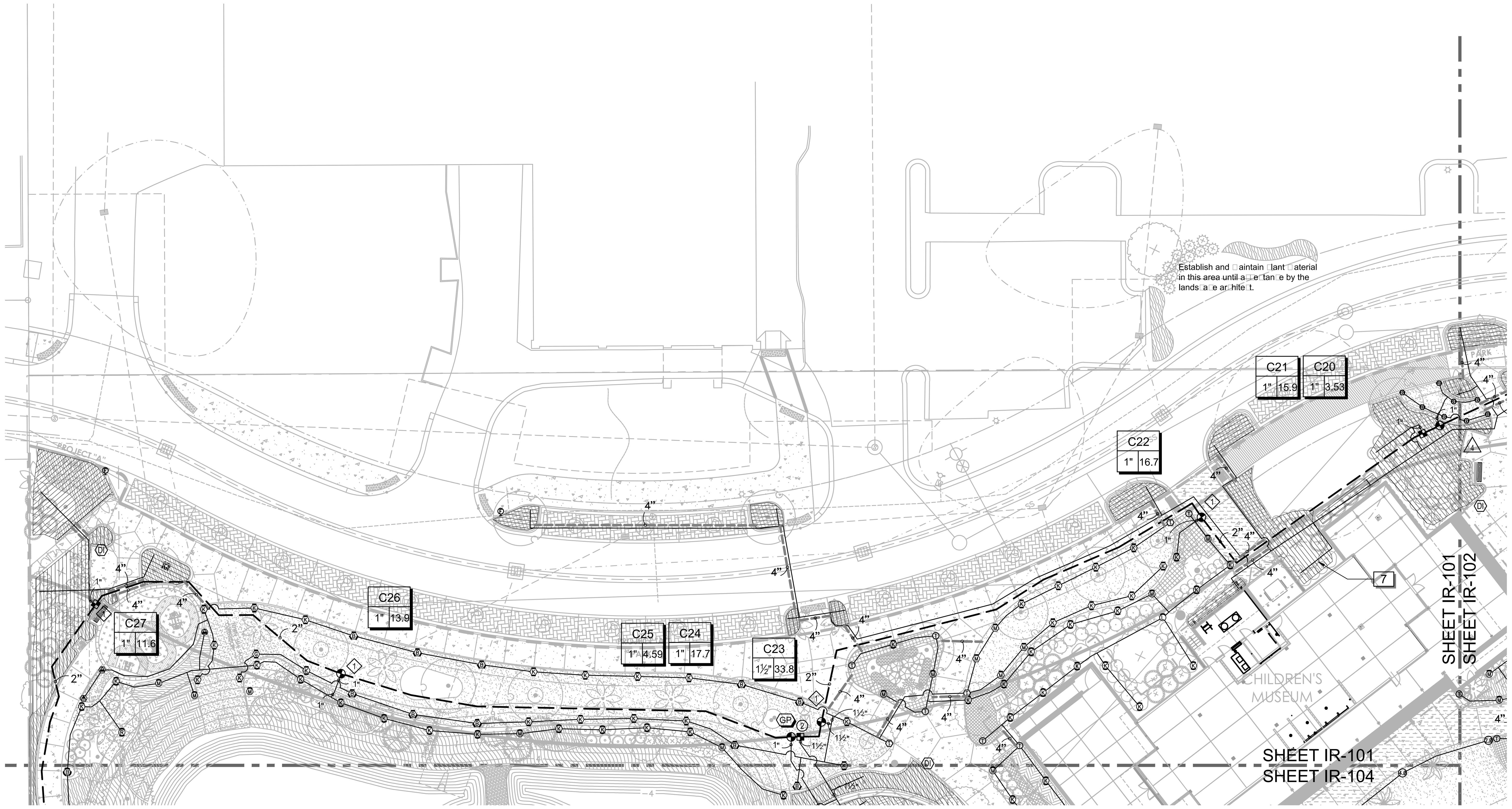

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
4 6 8 10 12 15 17	Hunter PROS-06-PRS30 ADJ Turf Spray, 30 psi regulated 6.0" Pop-Up. Co-molded wiper seal with UV Resistant Material.
M L O	Hunter MP1000 PROS-06-PRS30 Turf Rotator, 6" pop-up, pressure regulated to 30 psi, MP Rotator nozzle on PRS30 body. M=Maroon adj arc 90 to 210, L=Light Blue 210 to 270 arc, O=Olive 360 arc.
K G R	Hunter MP2000 PROS-06-PRS30 Turf Rotator, 6" pop-up, pressure regulated to 30 psi, MP Rotator nozzle on PRS30 body. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc.
B Y A	Hunter MP3000 PROS-06-PRS30 Turf Rotator, 6" pop-up, pressure regulated to 30 psi, MP Rotator nozzle on PRS30 body. B=Blue adj arc 90-210, Y=Yellow adj arc 210-270, A=Gray 360 arc.
T	Hunter MP Corner PROS-06-PRS30 Turf Rotator, 6" pop-up, pressure regulated to 30 psi, MP Rotator nozzle on PRS30 body. T=Turquoise adj arc 45-105.
LST RST SST	Hunter MP Strip PROS-06-PRS30 Turf Rotator, 6" pop-up, pressure regulated to 30 psi, MP Rotator nozzle on PRS30 body. LST=Ivory left strip, SST=Brown side strip, RST=Copper right strip.
M L O	Hunter MP1000 PROS-12-PRS30 Shrub Rotator, 12" pop-up, pressure regulated to 30 psi, MP Rotator nozzle. M=Maroon adj arc 90 to 210, L=Light Blue 210 to 270 arc, O=Olive 360 arc on PRS30 body.
K G R	Hunter MP2000 PROS-12-PRS30 Shrub Rotator, 12" pop-up, pressure regulated to 30 psi, MP Rotator nozzle. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc on PRS30 body.
B Y A	Hunter MP3000 PROS-12-PRS30 Shrub Rotator, 12" pop-up, pressure regulated to 30 psi, MP rotary nozzle. B=Blue adj arc 90-210, Y=Yellow adj arc 210-270, A=Gray 360 arc on PRS30 body.
T	Hunter MP Corner PROS-12-PRS30 Shrub Rotator, 12" pop-up, pressure regulated to 30 psi, MP Rotator nozzle. T=Turquoise adj arc 45-105 on PRS30 body.
LST RST SST	Hunter MP Strip PROS-12-PRS30 Shrub Rotator, 12" pop-up, pressure regulated to 30 psi, MP Rotator nozzle. LST=Ivory left strip, SST=Brown side strip, RST=Copper right strip, on PRS30 body.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
2.0	Hunter I-20-04-SS Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle. Stainless Steel Riser. Drain Check Valve. Standard Nozzle.
3.0	Hunter I-20-04-SS Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle. Stainless Steel Riser. Drain Check Valve. Standard Nozzle.
4.0	Hunter I-20-04-SS Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle. Stainless Steel Riser. Drain Check Valve. Standard Nozzle.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird XCZ-100-PRB-COM Medium Plus Flow Drip Control Kit for Commercial Applications. 1" Ball Valve with 1" PESB Valve and 1" Pressure Regulating 40psi Quick-Check Basket Filter. 3gpm to 20gpm.
F	Rain Bird MDCFCAP Dripline Flush Valve installed as per plan detail.
DI	Rain Bird OPERIND Drip System Operation Indicator, stem rises 6" for clear visibility when drip system is charged to a minimum of 20psi. Includes 16" of 1/4" distribution tubing with connection fitting pre-installed.
SXB-180 SXB-360	Rain Bird SXB-1032 Drip bubbler Drip Stream Bubbler. SXB Stream available in Half Circle (5 streams) or Full Circle (8 streams). With 10-32 Self-Tapping Threaded Inlet. Adjust nozzle as required for planting.
	Drip Tree Ring Rain Bird XFCV-06-12 inline drip tubing installed as per plans Drip Tree Ring details.
	Area to Receive Dripline Rain Bird XFCV-06-12 (18) XFCV On-Surface Landscape Dripline with a Heavy-Duty 3.5 psi Check Valve. 0.6GPH emitters at 12.0" O.C. Dripline laterals spaced at 18.0" apart, with emitters offset for triangular pattern. Great for elevation change. Specify XF insert fittings.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird PEB 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration.
	Rain Bird 33-DLRC 3/4" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Thermoplastic Rubber Cover, Double Track Key Lug, and 2-Piece Body.
	Nibco T-113 Class 125 bronze gate shut off valve with wheel handle, same size as mainline pipe diameter at valve location. Size Range - 1/4" - 3"
MV	Buckner-Superior 3100 1-1/2" Normally Open Brass Master Valve that Provides Dirty Water Protection. Available in 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2" and 3".
BF	Watts 007 1-1/2" Max. flow rate is 7.5 ft/s.
C	Rain Bird ESP-LXD Two-Wire Decoder Commercial Controller. 50 Stations. UV-Resistant, Outdoor-Rated, Plastic Locking Wall-Mountable Case. Available in the US market, International, European, or Australian Markets.
1	Rain Bird FD-101TURF Field Decoder for Two-Wire system. Install in valve box for valve. Operates one valve/solenoid. Use line surge protection as per manufacturer's directions.
2	Rain Bird FD-202TURF (2) Field Decoder for Two-Wire system. Install in valve box for valve. Operates two valve/solenoids or two pairs of valves. Use line surge protection as per manufacturer's directions.
4	Rain Bird FD-401TURF (3) Field Decoder for Two-Wire system. Install in valve box for valve. Operates up to four valve/solenoids. Use line surge protection as per manufacturer's directions.
RS	Rain Bird WR2-RC Wireless Rain Sensor Combo, includes 1 receiver and 1 rain sensor transmitter.
FS	Creative Sensor Technology FSI-T15-001 1.5" (40mm) PVC tee type flow sensor w/socket ends, custom mounting tee and ultra lightweight impeller enhances low flow measurement. 2 wire digital output compatible w/all irrigation controllers. Flow range 1.8-108 GPM.
GP	2-Wire Grounding Point Install as per detail and manufacturers requirements.
M	Water Meter 2"
(solid line)	Irrigation Lateral Line: PVC Class 200 SDR 21 PVC Class 200 irrigation pipe. Only lateral transition pipe sizes 1 1/2" and above are indicated on the plan, with all others being 1" in size.
(dashed line)	Irrigation Mainline: PVC Class 200 SDR 21 PVC Class 200 irrigation pipe.
(grey dashed line)	Pipe Sleeve: PVC Schedule 40 Irrigation Pipe Sleeve. Sleeve to be 2X the size of the pipe within the sleeve. Extend sleeves 18" beyond the hardscape edge.

Valve Callout

- # — Valve Number
- # — Valve Flow
- #" — Valve Size

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	PSI	PSI @ POC	GPM	PRECIP
C1	Rain Bird PEB	1-1/2"	Shrub Rotary	34.52	48.14	18.00	0.37 in/h
C2	Rain Bird PEB	1-1/2"	Turf Rotor	42.45	56.04	31.40	0.51 in/h
C3	Rain Bird PEB	1-1/2"	Turf Rotor	41.14	53.71	33.30	0.59 in/h
C4	Rain Bird PEB	1-1/2"	Turf Rotor	39.88	52.44	42.00	0.26 in/h
C5	Rain Bird PEB	1-1/2"	Turf Rotor	41.13	53.64	42.00	0.26 in/h
C6	Rain Bird PEB	1-1/2"	Turf Rotor	41.19	53.72	33.10	0.59 in/h
C7	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	29.24	41.79	11.03	0.68 in/h
C8	Rain Bird PEB	1-1/2"	Shrub Rotary	35.65	49.04	31.60	0.48 in/h
C9	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	22.36	36.67	3.31	0.68 in/h
C10	Rain Bird PEB	1-1/2"	Turf Rotor	39.75	54.08	42.00	0.27 in/h
C11	Rain Bird PEB	1-1/2"	Turf Rotor	40.85	55.21	29.50	0.65 in/h
C12	Rain Bird PEB	1-1/2"	Turf Rotary	34.55	49.25	42.77	0.45 in/h
C13	Rain Bird PEB	1"	Turf Rotary	33.51	48.23	10.26	0.74 in/h
C14	Rain Bird PEB	1-1/2"	Turf Rotary	34.86	49.95	17.73	0.55 in/h
C15	Rain Bird PEB	1-1/2"	Shrub Rotary	35.95	51.35	20.25	0.41 in/h
C16	Rain Bird PEB	1-1/2"	Turf Rotary	34.43	50.64	23.67	0.49 in/h
C17	Rain Bird PEB	1-1/2"	Shrub Rotary	37.35	53.58	25.19	0.40 in/h
C18	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	27.11	43.14	8.99	0.68 in/h
C19	Rain Bird PEB	1"	Turf Rotary	33.00	49.01	14.83	0.51 in/h
C20	Rain Bird PEB	1"	Turf Spray	31.57	47.23	3.53	1.47 in/h
C21	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	35.50	51.21	15.91	0.68 in/h
C22	Rain Bird PEB	1"	Shrub Rotary	34.58	51.01	16.72	0.44 in/h
C23	Rain Bird PEB	1-1/2"	Turf Rotary	35.71	53.23	33.84	0.49 in/h
C24	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	39.75	57.34	17.66	0.68 in/h
C25	Rain Bird PEB	1"	Shrub Rotary	31.90	49.51	4.59	0.44 in/h
C26	Rain Bird PEB	1"	Shrub Rotary	33.15	51.58	13.87	0.26 in/h
C27	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	29.31	48.12	11.57	0.68 in/h
C28	Rain Bird PEB	1"	Shrub Rotary	33.08	52.18	15.84	0.39 in/h
C29	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	41.13	58.88	18.25	0.68 in/h
C30	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	25.01	39.99	5.98	0.68 in/h
C31	Rain Bird PEB	1-1/2"	Shrub Rotary	40.20	55.14	27.93	0.27 in/h
C32	Rain Bird PEB	1-1/2"	Turf Rotary	35.29	50.19	39.70	0.50 in/h
C33	Rain Bird PEB	1-1/2"	Shrub Rotary	34.29	46.11	19.85	0.43 in/h
C34	Rain Bird PEB	1-1/2"	Shrub Rotary	39.82	52.59	31.29	0.30 in/h
C35	Rain Bird PEB	1"	Turf Spray	31.78	44.62	6.52	2.83 in/h
C36	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	35.88	49.25	16.02	0.68 in/h
C37	Rain Bird PEB	1-1/2"	Shrub Rotary	37.54	50.96	21.36	0.42 in/h
C38	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	23.24	37.42	4.18	0.68 in/h
C39	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	28.48	43.01	10.44	0.68 in/h
C40	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	36.69	48.44	15.79	0.68 in/h
C41	Rain Bird PEB	1-1/2"	Shrub Rotary	34.71	46.62	32.63	0.32 in/h
C42	Rain Bird PEB	1-1/2"	Shrub Rotary	34.76	47.48	23.44	0.45 in/h
C43	Rain Bird PEB	1-1/2"	Turf Rotary	35.08	47.81	21.50	0.46 in/h
C44	Rain Bird XCZ-100-PRB-COM	1"	Area for Dripline	26.06	39.29	8.01	0.68 in/h
C45	Rain Bird PEB	1-1/2"	Shrub Rotary	35.42	49.15	19.82	0.46 in/h
C46	Rain Bird PEB	1-1/2"	Turf Rotary	35.32	49.07	28.09	0.44 in/h

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	Irrigation system water source to be a 2" service line from the water main to a 2" water meter and 1-1/2" DCV backflow preventer. System requirements are a multi-zone flow of 60 gpm at a static pressure of 63 psi. Verify availalble flow and static pressure prior to construction. If either are insufficient notify the owners representative.
2	Install Master Valve (MV) and Flow Sensor (FS) as per plan details and manufacturers requirements.
3	Coordinate exact location of the irrigation controller with the owners representative. Provide 120va 10 amp power to the controller from a dedicated circuit. Install controller as per plan notes, details and manufacturers instructions.
4	Coordinate exact location of the wireless rain sensor with the owners representative. Install as per plan and manufacturers instructions.
5	Install all 2 wire control wire in 1" PVC SCH 40 electrical conduit. See plan details for conduit entrance and exit from valve boxes.
6	2 Wire Grounding Point. Install as per plan detail and manufacturers instructions.
7	Dripline header, Class 200 PVC installed as per plans drip details. Typical for all lateral to dripline connections.
8	Supply lateral to the drip bubbler in the flower pot. See detail #20.

CRITICAL ANALYSIS

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P.O.C. NUMBER: 01	
Water Source Information:	
FLOW AVAILABLE	
Water Meter Size:	2"
Flow Available:	84.89 gpm
PRESSURE AVAILABLE	
Static Pressure at POC:	63.00 psi
Elevation Change:	5.00 ft
Service Line Size:	2"
Length of Service Line:	20.00 ft
Pressure Available:	60.00 psi
DESIGN ANALYSIS	
Maximum Multi-valve Flow:	60.00 gpm
Flow Available at POC:	84.89 gpm
Residual Flow Available:	24.89 gpm
Pressure Req. at Critical Station:	42.44 psi
Loss for Fittings:	0.53 psi
Loss for Main Line:	5.34 psi
Loss for POC to Valve Elevation:	0.00 psi
Loss for Backflow:	5.00 psi
Loss for Master Valve:	3.80 psi
Loss for Water Meter:	2.70 psi
Critical Station Pressure at POC:	59.81 psi
Pressure Available:	60.00 psi
Residual Pressure Available:	0.19 psi

TWO WIRE CONTROL SYSTEM NOTES

1. ALL DECODER WIRE SPLICE CONNECTORS TO BE 3M DBY-6 OR BETTER.
2. ALL DECODER TO VALVE SOLENOID SPLICE CONNECTORS TO BE 3M DBY-6 OR BETTER
3. ALL GROUNDING POINTS TO HAVE LSP-01 LIGHTNING ARRESTOR INSTALLED INLINE AS PER MANUFACTURER'S REQUIREMENTS AND INSTALLED AS PER DETAIL.
4. ALL CONTROL SYSTEM PRODUCTS TO BE INSTALLED AND OPERATED AS PER THE MANUFACTURER'S RECOMMENDATIONS AND OR REQUIREMENTS.
5. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY 2 WIRE INSTALLATION TRAINING PRIOR TO PROJECT START, NOTIFY IRRIGATION CONSULTANT WHEN TRAINING HAS BEEN COMPLETED.
6. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR ALL REQUIREMENTS NECESSARY TO OBTAIN MANUFACTURERS 5 YEAR WARRANTEE. PROVIDE 5 YEAR WARRANTEE PRIOR TO SUBSTANTIAL COMPLETION
7. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR TRAINING OWNERS STAFF, AS NEEDED, ON THE OPERATION AND MAINTENANCE OF THE CONTROL SYSTEM.
8. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR COMPLETE PROGRAMMING AND OPERATION OF THE CONTROL SYSTEM FOR 6 MONTHS FROM THE DAY THE CONTROLLER BECOMES FUNCTIONAL. CONTRACTOR TO PROVIDE THE OWNERS REPRESENTATIVE A COMPUTER SPREAD SHEET THAT SHOWS EACH PROGRAM, OPERATIONAL DAYS AND RUN TIMES PER ZONE.
9. CONTROLLER AND FLOW SENSOR ARE TO BE PROGRAMMED FOR FLOW MAXIMIZATION AND OVER-FLOW SHUT DOWN.

DRIP ZONE NOTES

1. IT IS IRRIGATION CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT EACH PLANT IS WITHIN THE DRIPLINE WETTED PATTERN ON NO LESS THAN 2 SIDES.
2. DRIPLINE TO BE LAID OUT AND INSTALLED AS DETAIL EXAMPLES.
3. DRIPLINE TO BE INSTALLED IN GRID FASHION WITH TUBING ON 18" CENTERS, ELBOWS AND TEES ARE TO BE USED FOR CHANGES IN DIRECTION, LOOPING OF DRIPLINE IS NOT ACCEPTABLE.
4. DRIPLINE IS TO BE INSTALLED, TESTED AND INSPECTED TO ENSURE EACH EMITTER FUNCTIONS PROPERLY PRIOR TO COVERING WITH MULCH.
5. ALL DRIPLINE SUPPLY PIPING TO BE CL 200 PVC.
6. ALL PIPING WITHIN A DRIP ZONE THAT IS UNDER THE HARDSCAPE TO BE CL 200 PVC.
7. DRIPLINE TO BE STAKED DOWN EVERY 3' AND WITHIN 1' OF ALL FITTING OUTLETS.
8. ALL FLUSH VALVES ARE TO BE INSPECTED FOR PROPER OPERATION.
9. IRRIGATION CONTRACTOR TO MEET WITH DRIP COMPONENT MANUFACTURERS REPRESENTATIVE AND OWNER'S REPRESENTATIVE ON SITE PRIOR TO CONSTRUCTION TO REVIEW DRIP COMPONENT CONSTRUCTION, OPERATION AND MAINTENANCE.

CONTROLLER INSTALLATION NOTES

1. IRRIGATION CONTRACTOR TO COORDINATE EXACT LOCATION OF CONTROLLER WITH OWNER'S REPRESENTATIVE.
2. PROVIDE 120VAC 10 AMP POWER TO JUNCTION BOX AT CONTROLLER LOCATION.
3. IRRIGATION CONTRACTOR TO HARD WIRE CONTROLLER TO POWER SUPPLY AS PER PREVAILING CODE.
4. CONTROLLER TO BE SECURELY ATTACHED TO THE WALL USING METALLIC FASTENERS MADE FOR WALL TYPE.
5. ALL IRRIGATION CONTROL WIRE ABOVE GRADE TO BE ENCASED IN PVC ELECTRICAL CONDUIT.
6. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR ALL POTENTIAL WALL PENETRATIONS AND THE SEALING OF THOSE PENETRATIONS.
7. CONTROLLER TO BE GROUNDED AS PER MANUFACTURERS RECOMMENDATIONS.

GENERAL NOTES

1. ALL TRENCHING TO BE OUTSIDE OF TREE DRIP LINE
2. MAINLINE TO HAVE MINIMUM OF 18" OF COVER AND A MINIMUM OF 18" OFF OF THE HARDSCAPE
3. LATERALS TO HAVE MINIMUM OF 12" OF COVER AND A MINIMUM OF 12" OFF OF THE HARDSCAPE
4. NO ROCKS, BOULDERS OR SHARP OBJECTS TO BE IN TRENCH BACKFILL
5. ALL PIPE TO BE INSTALLED AS PER MANUFACTURES SPECIFICATIONS
6. SPRINKLERS AND RELATED EQUIPMENT TO BE INSTALLED AS PER DETAILS
7. TWO WIRE CONTROL WIRE TO BE 14 GA UL 2 CONDUCTOR, JACKETED AND APPROVED BY 2-WIRE CONTROLLER MANUFACTURER
9. WIRE SPLICES TO BE DONE AS PER DETAILS
10. ALL WIRE SPLICES OUTSIDE OF CONTROL VALVE BOX TO BE IN 10" VALVE BOX
11. TWO WIRE CONDUCTORS TO BE COLOR CODED
12. CONTRACTOR SHALL INSTALL MANUFACTURES GROUNDING EQUIPMENT ON BOTH THE POWER AND OUTPUT SIDES OF CONTROLLER, ALL GROUNDING POINTS TO BE INSTALLED AS PER PLANS AND DETAILS
13. AT EACH VALVE AND CHANGE IN MAINLINE DIRECTION CONTRACTOR TO INSTALL A 30" LOOP OF EXTRA WIRE
14. SPRINKLERS ARE TO BE ADJUSTED TO AVOID OVER-SPRAY INTO NON-IRRIGATED AREAS
15. ELECTRIC CONTROL VALVES ARE TO BE INSTALLED IN VALVE BOXES AS FOLLOWS
    14" RECTANGULAR MINIMUM FOR EACH ELECTRIC CONTROL VALVE
    JUMBO VALVE BOX FOR DRIP ZONE KITS
16. SPRINKLERS TO BE INSTALLED 12" FROM FOUNDATIONS AND 2" FROM HARDSCAPE
17. CONTRACTOR TO ADD RISER EXTENSIONS TO SPRINKLERS IF REQUIRED TO MAINTAIN PROPER COVERAGE
18. ALL PIPING TO BE FLUSHED PRIOR TO INSTALLATION OF SPRINKLERS
19. ALL VALVES, QUICK COUPLER VALVES, WIRE SPLICES TO BE IN LANDSCAPED BEDS WHEREVER POSSIBLE
20. CONTRACTOR IS RESPONSIBLE FOR OBTAINING PROPER COVERAGE OF AREA TO BE IRRIGATED, MAKE ADJUSTMENTS AS NECESSARY
21. CONTRACTOR SHALL EXERCISE CARE NOT TO DAMAGE EXISTING UTILITIES REPAIRING ANY DAMAGES AT HIS OWN COST
22. PLAN IS DIAGRAMMATIC TO IMPROVE CLARITY ALL IRRIGATION EQUIPMENT TO BE INSTALLED WITHIN PROPERTY LINES AND LANDSCAPED AREAS
23. ANY DISCREPANCIES BETWEEN THE PLAN AND THE SITE TO BE REFERRED TO THE OWNERS REPRESENTATIVE PRIOR TO CONSTRUCTION
24. CONTRACTOR TO PROVIDE 1 YEAR WARRANTEE OF ALL PRODUCTS AND WORKMANSHIP TO INCLUDE WINTERIZATION AND SPRING START-UP
25. CONTRACTOR TO PROVIDE OWNER AND OR LANDSCAPE ARCHITECT RECORD DRAWING PRIOR TO SUBSTANTIAL COMPLETION.
26. INSTALLATION OF IRRIGATION SLEEVES IS THE IRRIGATION CONTRACTORS RESPONSIBILITY IRRIGATION CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR SLEEVE INSTALLATION PRIOR TO PAVEMENT INSTALLATION
27. CLEANUP AND DISPOSE OF ALL DEBRIS, WASTE AND EXCESS CONSTRUCTION MATERIALS LEAVE AREA NEAT, CLEAN AND READY FOR OWNERS USE PROVIDE CLEAN PAVEMENT SURFACES INCLUDING AREAS OF PUBLIC R.O.W.

0' 10' 20' 40' 60' 80'

SCALE: 1" - 20'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

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CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MDC
CHECKED BY: TG

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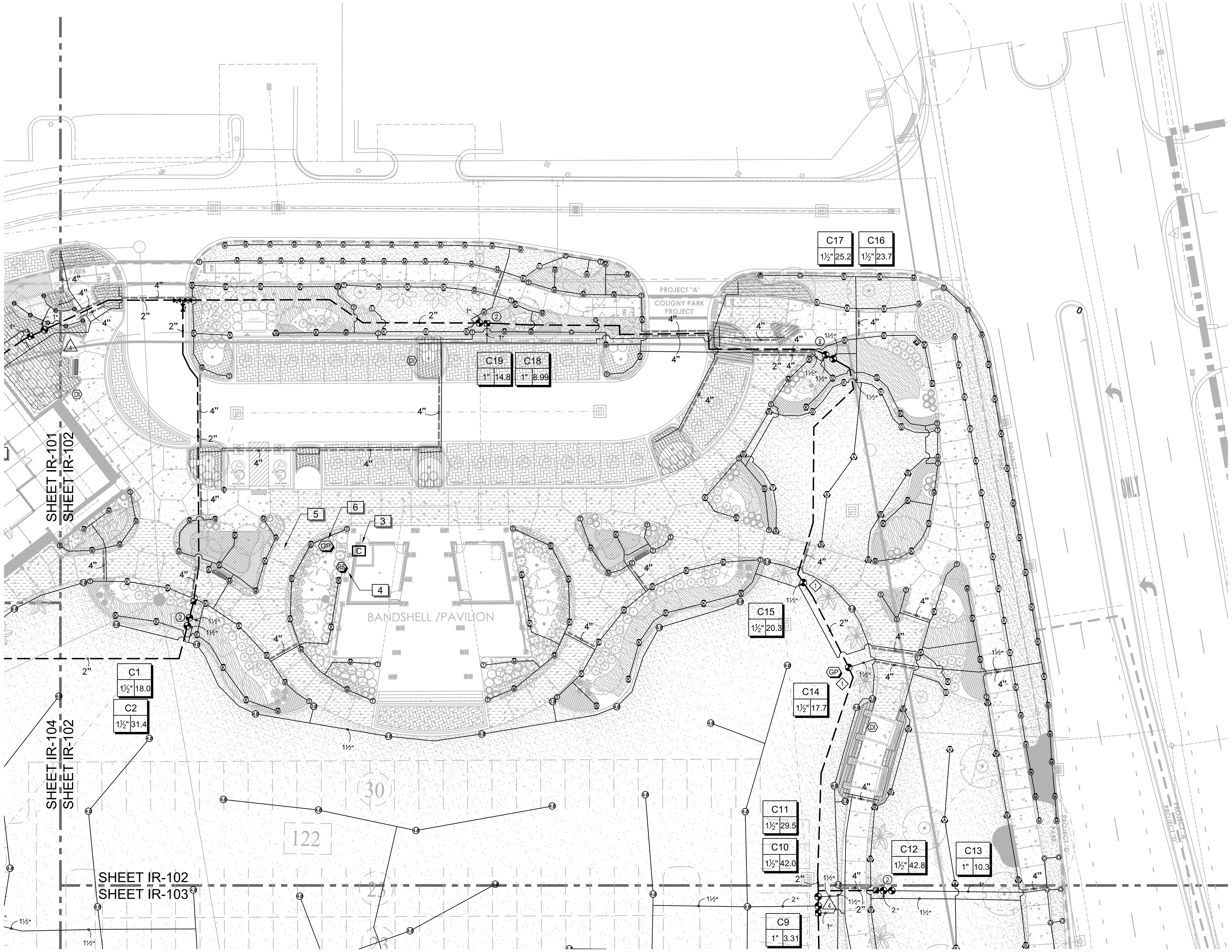
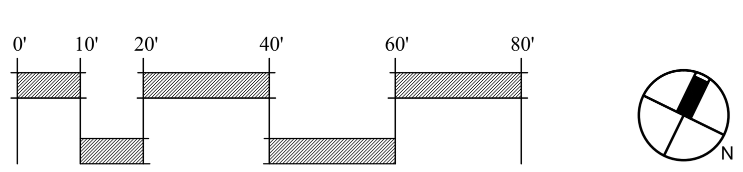
PROFESSIONAL STAMPS:

REVISION	DATE	BY

DATE 6-30-2016
PROJECT NUMBER 01-16002
SHEET TITLE Irrigation Plan

SHEET NUMBER IR-101





SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.
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IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
4 6 8 10 12 15 17	Hunter PROS-06-PRS30 ADJ Turf S□ray, 30 □si regulated 6.0" Po□-U□. Co-□olded wi□er seal with UV Resistant Material.
M L O	Hunter MP1000 PROS-06-PRS30 Turf Rotator, 6" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le on PRS30 body. M□Maroon ad□ar□90 to 210, L□Light Blue 210 to 270 ar□, O□Oli□e 360 ar□.
K G R	Hunter MP2000 PROS-06-PRS30 Turf Rotator, 6" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le on PRS30 body. K□Bla□□ad□ar□90-210, G□Green ad□ar□210-270, R□Red 360 ar□.
B Y A	Hunter MP3000 PROS-06-PRS30 Turf Rotator, 6" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le on PRS30 body. B□Blue ad□ar□90-210, Y□Yellow ad□ar□210-270, A□Gray 360 ar□.
T	Hunter MP Corner PROS-06-PRS30 Turf Rotator, 6" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le on PRS30 body. T□Tur□uoise ad□ar□45-105.
LST RST SST	Hunter MP Stri□ PROS-06-PRS30 Turf Rotator, 6" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le on PRS30 body. LST□I□ory left stri□, SST□Brown side stri□, RST□Co□□er right stri□.
M L O	Hunter MP1000 PROS-12-PRS30 Shrub Rotator, 12" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le. M□Maroon ad□ar□90 to 210, L□Light Blue 210 to 270 ar□, O□Oli□e 360 ar□on PRS30 body.
K G R	Hunter MP2000 PROS-12-PRS30 Shrub Rotator, 12" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le. K□Bla□□ad□ar□90-210, G□Green ad□ar□210-270, R□Red 360 ar□on PRS30 body.
B Y A	Hunter MP3000 PROS-12-PRS30 Shrub Rotator, 12" □o□-u□, □ressure regulated to 30 □si, MP rotary no□□le. B□Blue ad□ar□90-210, Y□Yellow ad□ar□210-270, A□Gray 360 ar□on PRS30 body.
T	Hunter MP Corner PROS-12-PRS30 Shrub Rotator, 12" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le. T□Tur□uoise ad□ar□45-105 on PRS30 body.
LST RST SST	Hunter MP Stri□ PROS-12-PRS30 Shrub Rotator, 12" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le. LST□I□ory left stri□, SST□Brown side stri□, RST□Co□□er right stri□, on PRS30 body.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
2.0	Hunter I-20-04-SS Turf Rotor, 4.0" Po□-U□. Ad□ustable and Full Cir□le. Stainless Steel Riser. Drain Che□□Val□e. Standard No□□le.
3.0	Hunter I-20-04-SS Turf Rotor, 4.0" Po□-U□. Ad□ustable and Full Cir□le. Stainless Steel Riser. Drain Che□□Val□e. Standard No□□le.
4.0	Hunter I-20-04-SS Turf Rotor, 4.0" Po□-U□. Ad□ustable and Full Cir□le. Stainless Steel Riser. Drain Che□□Val□e. Standard No□□le.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird XCZ-100-PRB-COM Mediu□ Plus Flow Dri□Control Kit for Co□□er□ial A□□li□ations. 1" Ball Val□e with 1" PESB Val□e and 1" Pressure Regulating 40□si Qui□□-Che□□Bas□et Filter. 3g□□ to 20g□□.
F	Rain Bird MDCFCAP Dri□line Flush Val□e installed as □er □lan detail.
DI	Rain Bird OPERIND Dri□Syste□ O□eration Indi□ator, ste□ rises 6" for □lear □isibility when dri□ syste□ is □harged to a □ini□u□ of 20□si. In□ludes 16" of 1/4" distribution tubing with □onne□tion fitting □re-installed.
SXB-180 SXB-360	Rain Bird SXB-1032 Dri□bubbler Dri□Strea□ Bubbler. SXB Strea□ a□ailable in Half Cir□le (5 strea□s) or Full Cir□le (8 strea□s). With 10-32 Self-Ta□□ing Threaded Inlet. Ad□ust no□□le as re□uired for □lanting.
	Dri□Tree Ring Rain Bird XFCV-06-12 inline dri□tubing installed as □er □lans Dri□Tree Ring details.
	Area to Re□ei□e Dri□line Rain Bird XFCV-06-12 (18) XFCV On-Surfa□e Lands□a□e Dri□line with a Hea□y-Duty 3.5 □si Che□□Val□e. 0.6GPH e□itters at 12.0" O.C. Dri□line laterals s□a□ed at 18.0" a□art, with e□itters offset for triangular □attern. Great for ele□ation □hange. S□e□ify XF insert fittings.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird PEB 1", 1-1/2", 2" Plasti□Industrial Val□es. Low Flow O□erating Ca□ability, Globe Configuration.
	Rain Bird 33-DLRC 3/4" Brass Qui□□-Cou□ling Val□e, with Corrosion-Resistant Stainless Steel S□ring, Lo□□ing Ther□o□lasti□Rubber Co□er, Double Tra□□Key Lug, and 2-Pie□e Body.
	Nib□o T-113 Class 125 bron□e gate shut off □al□e with wheel handle, sa□e si□e as □ainline □i□e dia□eter at □al□e lo□ation. Si□e Range - 1/4" - 3"
MV	Bu□□ner-Su□erior 3100 1-1/2" Nor□ally O□en Brass Master Val□e that Pro□ides Dirty Water Prote□tion. A□ailable in 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2" and 3".
BF	Watts 007 1-1/2" □a□. flow rate is 7.5 ft/s.
C	Rain Bird ESP-LXD Two-Wire De□oder Co□□er□ial Controller. 50 Stations. UV-Resistant, Outdoor-Rated, Plasti□Lo□□ing Wall-Mountable Case. A□ailable in the US □ar□et, International, Euro□ean, or Australian Mar□ets.
1	Rain Bird FD-101TURF Field De□oder for Two-Wire syste□. Install in □al□e bo□for □al□e. O□erates one □al□e/solenoid. Use line surge □rote□tion as □er □anufa□turer□s dire□tions.
2	Rain Bird FD-202TURF (2) Field De□oder for Two-Wire syste□. Install in □al□e bo□for □al□e. O□erates two □al□e/solenoids or two □airs of □al□es. Use line surge □rote□tion as □er □anufa□turer□s dire□tions.
4	Rain Bird FD-401TURF (3) Field De□oder for Two-Wire syste□. Install in □al□e bo□for □al□e. O□erates u□ to four □al□e/solenoids. Use line surge □rote□tion as □er □anufa□turer□s dire□tions.
RS	Rain Bird WR2-RC Wireless Rain Sensor Co□bo, in□ludes 1 re□ei□er and 1 rain sensor trans□itter.
FS	Creati□e Sensor Te□hnology FSI-T15-001 1.5" (40□□) PVC tee ty□e flow sensor w/so□□et ends, □usto□ □ounting tee and ultra lightweight i□□eller enhan□es low flow □easure□ent. 2 wire digital out□ut □o□□atible w/all irrigation □ontrollers. Flow range 1.8-108 GPM.
GP	2-Wire Grounding Point Install as □er detail and □anufa□turers re□uire□ents.
M	Water Meter 2"
	Irrigation Lateral Line: PVC Class 200 SDR 21 PVC Class 200 irrigation □i□e. Only lateral transition □i□e si□es 1 1/2" and abo□e are indi□ated on the □lan, with all others being 1" in si□e.
	Irrigation Mainline: PVC Class 200 SDR 21 PVC Class 200 irrigation □i□e.
	Pi□e Slee□e: PVC S□hedule 40 Irrigation Pi□e Slee□e. Slee□e to be 2X the si□e of the □i□e within the slee□e. E□tend slee□es 18" beyond the hards□a□e edge.

Valve Callout
- # — Valve Number
- # — Valve Flow
- #" — Valve Size

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MDC

CHECKED BY:
TG

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PROFESSIONAL STAMPS:

REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
Irrigation Plan

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER
IR-102

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
P P P P P P P P	Hunter PROS-06-PRS30 ADJ Turf S□ray, 30□si□regulated 6.0" Po□U□□ Co□□olded wi□er seal with UV Resistant Material.
M L D	Hunter MP1000 PROS-06-PRS30 Turf Rotator, 6" □o□u□□□ressure regulated to 30□si, MP Rotator no□□le on PRS30 body. M□Maroon ad□□er□90 to 210, L□Light Blue 210 to 270 ar□□ O□Oli□e 360 ar□□
M L D	Hunter MP2000 PROS-06-PRS30 Turf Rotator, 6" □o□u□□□ressure regulated to 30□si, MP Rotator no□□le on PRS30 body. K□Bla□□ad□□er□90-210, G□Green ad□□er□210-270, R□Red 360 ar□□
M L D	Hunter MP3000 PROS-06-PRS30 Turf Rotator, 6" □o□u□□□ressure regulated to 30□si, MP Rotator no□□le on PRS30 body. B□Blue ad□□er□90-210, Y□Yellow ad□□er□210-270, A□Gray 360 ar□□
T	Hunter MP Corner PROS-06-PRS30 Turf Rotator, 6" □o□u□□□ressure regulated to 30□si, MP Rotator no□□le on PRS30 body. T□Tur□uoise ad□□er□45-105.
LST RST SST	Hunter MP Stri□PROS-06-PRS30 Turf Rotator, 6" □o□u□□□ressure regulated to 30□si, MP Rotator no□□le on PRS30 body. LST□I□ory left stri□□ SST□Brown side stri□□ RST□Co□□er right stri□□
M L D	Hunter MP1000 PROS-12-PRS30 Shrub Rotator, 12" □o□u□□□ressure regulated to 30□si, MP Rotator no□□le. M□Maroon ad□□er□90 to 210, L□Light Blue 210 to 270 ar□□ O□Oli□e 360 ar□□on PRS30 body.
M M M	Hunter MP2000 PROS-12-PRS30 Shrub Rotator, 12" □o□u□□□ressure regulated to 30□si, MP Rotator no□□le. K□Bla□□ad□□er□90-210, G□Green ad□□er□210-270, R□Red 360 ar□□on PRS30 body.
M M M	Hunter MP3000 PROS-12-PRS30 Shrub Rotator, 12" □o□u□□□ressure regulated to 30□si, MP rotary no□□le. B□Blue ad□□er□90-210, Y□Yellow ad□□er□210-270, A□Gray 360 ar□□on PRS30 body.
T	Hunter MP Corner PROS-12-PRS30 Shrub Rotator, 12" □o□u□□□ressure regulated to 30□si, MP Rotator no□□le. T□Tur□uoise ad□□er□45-105 on PRS30 body.
LST RST SST	Hunter MP Stri□PROS-12-PRS30 Shrub Rotator, 12" □o□u□□□ressure regulated to 30□si, MP Rotator no□□le. LST□I□ory left stri□□ SST□Brown side stri□□ RST□Co□□er right stri□□on PRS30 body.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
2.8	Hunter I-20-04-SS Turf Rotor, 4.0" Po□U□□Ad□ustable and Full Cir□le. Stainless Steel Riser. Drain Che□□Val□e. Standard No□□le.
3.8	Hunter I-20-04-SS Turf Rotor, 4.0" Po□U□□Ad□ustable and Full Cir□le. Stainless Steel Riser. Drain Che□□Val□e. Standard No□□le.
4.8	Hunter I-20-04-SS Turf Rotor, 4.0" Po□U□□Ad□ustable and Full Cir□le. Stainless Steel Riser. Drain Che□□Val□e. Standard No□□le.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird XCZ-100-PRB-COM Mediu□ Plus Flow Dri□□Control Kit for Co□□□er□ial A□□li□ations. 1" Ball Val□e with 1" PESB Val□e and 1" Pressure Regulating 40□si Qui□□Che□□Bas□et Filter. 3g□□ to 20g□□.
P	Rain Bird MDCFCAP Dri□line Flush Val□e installed as □er□lan detail.
DI	Rain Bird OPERIND Dri□Syste□□O□eration Indi□ator, ste□□rises 6" for □lear□isibility when dri□□ syste□□is□□harged to a□□ini□u□□of 20□si. In□ludes 16" of 1/4" distribution tubing with□□onne□tion fitting□re-installed.
SXB-180 SXB-360	Rain Bird SXB-1032 Dri□□bubbler Dri□□Strea□□Bubbler. SXB Strea□□a□ailable in Half Cir□le (5 strea□□s) or Full Cir□le (8 strea□□s). With 10-32 Self-Ta□□ing Threaded Inlet. Ad□ust no□□le as re□uired for□□anting.
	Dri□□Tree Ring Rain Bird XFCV-06-12 inline dri□□tubing installed as □er□□lans Dri□□Tree Ring details.
	Area to Re□ei□e Dri□□line Rain Bird XFCV-06-12 (18) XFCV On-Surfa□e Lands□a□e Dri□□line with a Hea□y-Duty 3.5□□si Che□□Val□e. 0.6GPH e□□itters at 12.0" O.C. Dri□□line laterals s□a□ed at 18.0" a□art, with e□□itters offset for triangular□□attern. Great for ele□□ation□□hange. S□e□ifly XF insert fittings.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird PEB 1", 1-1/2", 2" Plasti□Industrial Val□es. Low Flow O□erating Ca□□ability, Globe Configuration.
	Rain Bird 33-DLRC 3/4" Brass Qui□□Cou□□ling Val□e, with Corrosion-Resistant Stainless Steel S□□ring, Lo□□ing Ther□o□lasti□Rubber Co□er, Double Tra□□Key Lug, and 2-Pie□e Body.
	Nib□o T-113 Class 125 bron□e gate shut off□al□e with wheel handle, sa□□e si□e as□□ainline □□e dia□□eter at□al□e lo□ation. Si□e Range - 1/4" - 3"
MV	Bu□□ner-Su□erior 3100 1-1/2" Nor□□ally O□en Brass Master Val□e that Pro□ides Dirty Water Prote□tion. A□ailable in 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2" and 3".
BF	Watts 007 1-1/2" □a□flow rate is 7.5 ft/s.
C	Rain Bird ESP-LXD Two-Wire De□oder Co□□□er□ial Controller. 50 Stations. UV-Resistant, Outdoor-Rated, Plasti□Lo□□ing Wall-Mountable Case. A□ailable in the US □□ar□et, International, Euro□ean, or Australian Mar□ets.
1	Rain Bird FD-101TURF Field De□oder for Two-Wire syste□□. Install in□al□e bo□for□al□e. O□erates one□al□e/solenoid. Use line surge□rote□tion as□er□□anufa□turer□s dire□tions.
2	Rain Bird FD-202TURF (2) Field De□oder for Two-Wire syste□□. Install in□al□e bo□for□al□e. O□erates two□al□e/solenoids or two□airs of□al□es. Use line surge□rote□tion as□er□□anufa□turer□s dire□tions.
4	Rain Bird FD-401TURF (3) Field De□oder for Two-Wire syste□□. Install in□al□e bo□for□al□e. O□erates u□□ to four□al□e/solenoids. Use line surge□rote□tion as□er□□anufa□turer□s dire□tions.
RSD	Rain Bird WR2-RC Wireless Rain Sensor Co□bo, in□ludes 1 re□ei□er and 1 rain sensor trans□itter.
FS	Creati□e Sensor Te□hnology FSI-T15-001 1.5" (40□□) PVC tee ty□e flow sensor w/so□□et ends,□usto□□□ounting tee and ultra lightweight□□aller enhan□es low flow□easure□ent. 2 wire digital out□ut□o□□atible w/all irrigation□ontrollers. Flow range 1.8-108 GPM.
GP	2-Wire Grounding Point Install as□er detail and□□anufa□turers re□uire□ents.
M	Water Meter 2"
	Irrigation Lateral Line: PVC Class 200 SDR 21 PVC Class 200 irrigation□□i□e. Only lateral transition□□i□e si□es 1 1/2" and abo□e are indi□ated on the□lan, with all others being 1" in si□e.
	Irrigation Mainline: PVC Class 200 SDR 21 PVC Class 200 irrigation□□i□e.
	Pi□e Slee□e: PVC S□hedule 40 Irrigation Pi□e Slee□e. Slee□e to be 2X the si□e of the□i□e within the slee□e. E□tend slee□es 18" beyond the hards□a□e edge.

Volve Callout

Volve Number

Volve Flow

Volve Size

0' 10' 20' 40' 60' 80'

SCALE: 1" - 20'-0"

N

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
MDC

CHECKED BY:
TG

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PROFESSIONAL STAMPS:

□	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
Irrigation Plan

SHEET NUMBER
IR-103

Wood+Partners Inc. WiPi
Landscape Architects
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PO Box 23949 ▮ Hilton Head Island, SC 29925
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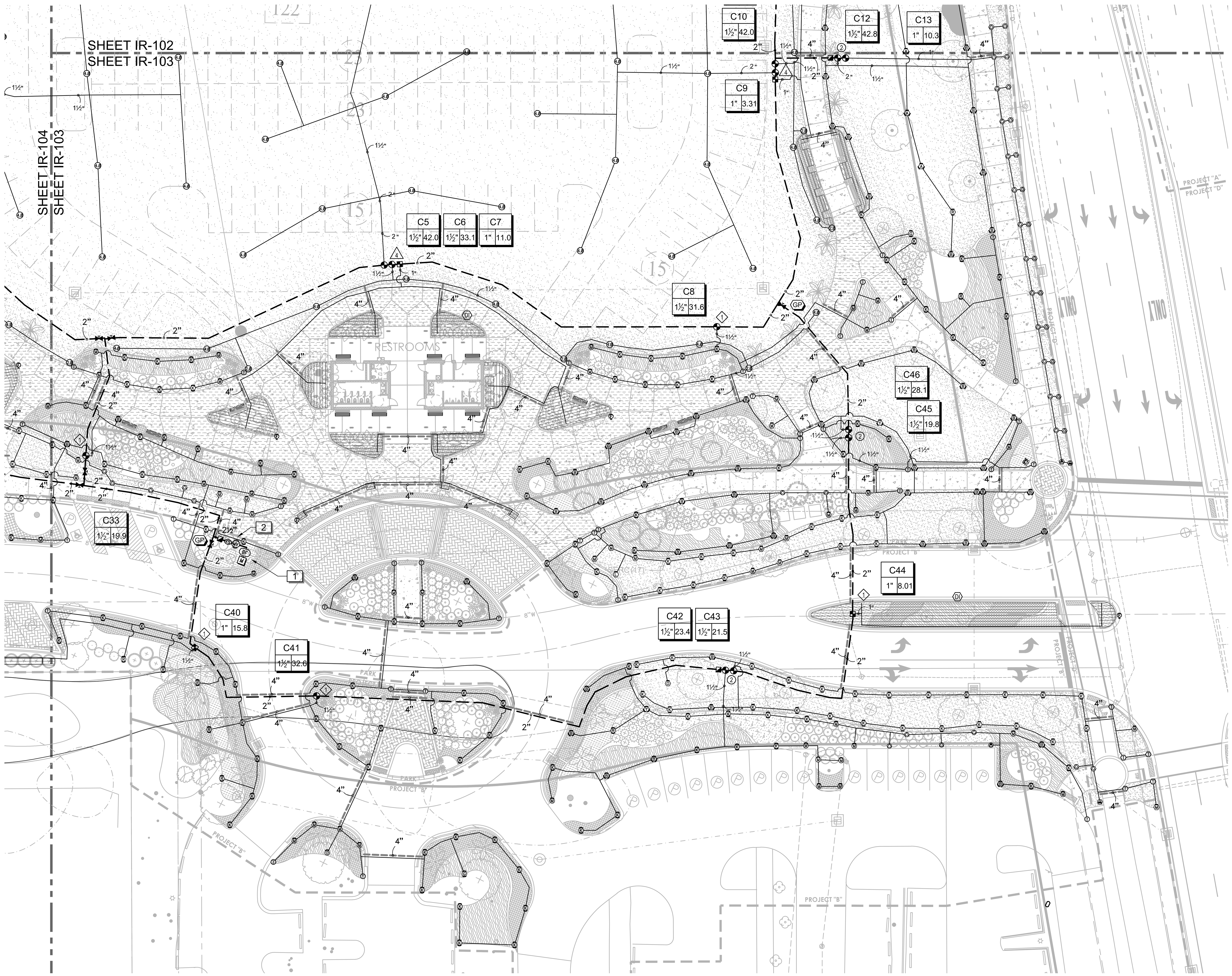

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
4 6 8 10 12 15 17	Hunter PROS-06-PRS30 ADJ Turf S□ray, 30 □si regulated 6.0" Po□-U□. Co-□olded wi□er seal with UV Resistant Material.
M L O	Hunter MP1000 PROS-06-PRS30 Turf Rotator, 6" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le on PRS30 body. M□Maroon ad□ar□90 to 210, L□Light Blue 210 to 270 ar□, O□Oli□e 360 ar□.
K G R	Hunter MP2000 PROS-06-PRS30 Turf Rotator, 6" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le on PRS30 body. K□Bla□□ad□ar□90-210, G□Green ad□ar□210-270, R□Red 360 ar□.
B Y A	Hunter MP3000 PROS-06-PRS30 Turf Rotator, 6" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le on PRS30 body. B□Blue ad□ar□90-210, Y□Yellow ad□ar□210-270, A□Gray 360 ar□.
T	Hunter MP Corner PROS-06-PRS30 Turf Rotator, 6" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le on PRS30 body. T□Tur□uoise ad□ar□45-105.
LST RST SST	Hunter MP Stri□ PROS-06-PRS30 Turf Rotator, 6" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le on PRS30 body. LST□I□ory left stri□, SST□Brown side stri□, RST□Co□□er right stri□.
M L O	Hunter MP1000 PROS-12-PRS30 Shrub Rotator, 12" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le. M□Maroon ad□ar□90 to 210, L□Light Blue 210 to 270 ar□, O□Oli□e 360 ar□on PRS30 body.
K G R	Hunter MP2000 PROS-12-PRS30 Shrub Rotator, 12" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le. K□Bla□□ad□ar□90-210, G□Green ad□ar□210-270, R□Red 360 ar□on PRS30 body.
B Y A	Hunter MP3000 PROS-12-PRS30 Shrub Rotator, 12" □o□-u□, □ressure regulated to 30 □si, MP rotary no□□le. B□Blue ad□ar□90-210, Y□Yellow ad□ar□210-270, A□Gray 360 ar□on PRS30 body.
T	Hunter MP Corner PROS-12-PRS30 Shrub Rotator, 12" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le. T□Tur□uoise ad□ar□45-105 on PRS30 body.
LST RST SST	Hunter MP Stri□ PROS-12-PRS30 Shrub Rotator, 12" □o□-u□, □ressure regulated to 30 □si, MP Rotator no□□le. LST□I□ory left stri□, SST□Brown side stri□, RST□Co□□er right stri□, on PRS30 body.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
2.0	Hunter I-20-04-SS Turf Rotor, 4.0" Po□-U□. Ad□ustable and Full Cir□le. Stainless Steel Riser. Drain Che□□Val□e. Standard No□□le.
3.0	Hunter I-20-04-SS Turf Rotor, 4.0" Po□-U□. Ad□ustable and Full Cir□le. Stainless Steel Riser. Drain Che□□Val□e. Standard No□□le.
4.0	Hunter I-20-04-SS Turf Rotor, 4.0" Po□-U□. Ad□ustable and Full Cir□le. Stainless Steel Riser. Drain Che□□Val□e. Standard No□□le.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird XCZ-100-PRB-COM Mediu□ Plus Flow Dri□ Control Kit for Co□□er□ial A□□li□ations. 1" Ball Val□e with 1" PESB Val□e and 1" Pressure Regulating 40□si Qui□□-Che□□Bas□et Filter. 3g□□ to 20g□□.
F	Rain Bird MDCFCAP Dri□line Flush Val□e installed as □er □lan detail.
DI	Rain Bird OPERIND Dri□ Syste□ O□eration Indi□ator, ste□ rises 6" for □lear □isibility when dri□ syste□ is □harged to a □ini□u□ of 20□si. In□ludes 16" of 1/4" distribution tubing with □onne□tion fitting □re-installed.
SXB-18Ø SXB-36Ø	Rain Bird SXB-1032 Dri□ bubbler Dri□ Strea□ Bubbler. SXB Strea□ a□ailable in Half Cir□le (5 strea□s) or Full Cir□le (8 strea□s). With 10-32 Self-Ta□□ing Threaded Inlet. Ad□ust no□□le as re□uired for □lanting.
	Dri□ Tree Ring Rain Bird XFCV-06-12 inline dri□ tubing installed as □er □lans Dri□ Tree Ring details.
	Area to Re□ei□e Dri□line Rain Bird XFCV-06-12 (18) XFCV On-Surfa□e Lands□a□e Dri□line with a Hea□y-Duty 3.5 □si Che□□Val□e. 0.6GPH e□itters at 12.0" O.C. Dri□line laterals s□a□ed at 18.0" a□art, with e□itters offset for triangular □attern. Great for ele□ation □hange. S□e□ify XF insert fittings.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird PEB 1", 1-1/2", 2" Plasti□Industrial Val□es. Low Flow O□erating Ca□ability, Globe Configuration.
	Rain Bird 33-DLRC 3/4" Brass Qui□□-Cou□ling Val□e, with Corrosion-Resistant Stainless Steel S□ring, Lo□□ing Ther□o□lasti□Rubber Co□er, Double Tra□□Key Lug, and 2-Pie□e Body.
	Nib□o T-113 Class 125 bron□e gate shut off □al□e with wheel handle, sa□e si□e as □ainline □i□e dia□eter at □al□e lo□ation. Si□e Range - 1/4" - 3"
MV	Bu□□ner-Su□erior 3100 1-1/2" Nor□ally O□en Brass Master Val□e that Pro□ides Dirty Water Prote□tion. A□ailable in 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2" and 3".
BF	Watts 007 1-1/2" □a□. flow rate is 7.5 ft/s.
C	Rain Bird ESP-LXD Two-Wire De□oder Co□□er□ial Controller. 50 Stations. UV-Resistant, Outdoor-Rated, Plasti□Lo□□ing Wall-Mountable Case. A□ailable in the US □ar□et, International, Euro□ean, or Australian Mar□ets.
1	Rain Bird FD-101TURF Field De□oder for Two-Wire syste□. Install in □al□e bo□for □al□e. O□erates one □al□e/solenoid. Use line surge □rote□tion as □er □anufa□turer□s dire□tions.
2	Rain Bird FD-202TURF (2) Field De□oder for Two-Wire syste□. Install in □al□e bo□for □al□e. O□erates two □al□e/solenoids or two □airs of □al□es. Use line surge □rote□tion as □er □anufa□turer□s dire□tions.
4	Rain Bird FD-401TURF (3) Field De□oder for Two-Wire syste□. Install in □al□e bo□for □al□e. O□erates u□ to four □al□e/solenoids. Use line surge □rote□tion as □er □anufa□turer□s dire□tions.
RS	Rain Bird WR2-RC Wireless Rain Sensor Co□bo, in□ludes 1 re□ei□er and 1 rain sensor trans□itter.
FS	Creati□e Sensor Te□hnology FSI-T15-001 1.5" (40□□) PVC tee ty□e flow sensor w/so□□et ends, □usto□ □ounting tee and ultra lightweight i□□eller enhan□es low flow □easure□ent. 2 wire digital out□ut □o□□atible w/all irrigation □ontrollers. Flow range 1.8-108 GPM.
GP	2-Wire Grounding Point Install as □er detail and □anufa□turers re□uire□ents.
M	Water Meter 2"
	Irrigation Lateral Line: PVC Class 200 SDR 21 PVC Class 200 irrigation □i□e. Only lateral transition □i□e si□es 1 1/2" and abo□e are indi□ated on the □lan, with all others being 1" in si□e.
	Irrigation Mainline: PVC Class 200 SDR 21 PVC Class 200 irrigation □i□e.
	Pi□e Slee□e: PVC S□hedule 40 Irrigation Pi□e Slee□e. Slee□e to be 2X the si□e of the □i□e within the slee□e. E□tend slee□es 18" beyond the hards□a□e edge.

Valve Callout

#	Valve Number
#	Valve Flow
#"	Valve Size

SCALE: 1" - 20'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015.

PLAN IS SUBJECT TO CHANGE.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MDC

CHECKED BY: TG

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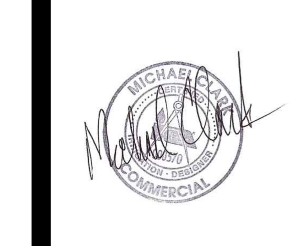


REVISION	DATE	BY

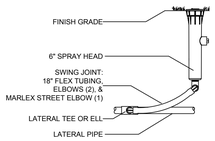
DATE 6-30-2016

PROJECT NUMBER 01-16002

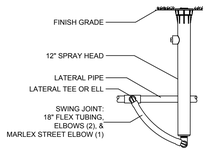
SHEET TITLE Irrigation Plan

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 Hilton Head Island, SC 29925
843.681.6618 Fax 843.681.7086 www.woodandpartners.com

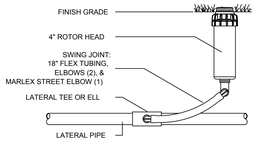
SHEET NUMBER IR-104



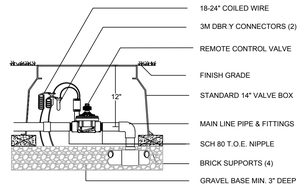
1 6" SPRAY BODY
NTS



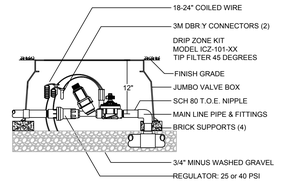
2 12" SPRAY BODY
NTS



3 3/4" INLET ROTOR
NTS



4 ELECTRIC CONTROL VALVE
NTS



5 DRIP CONTROL ZONE
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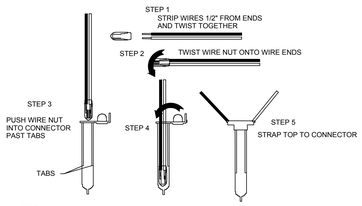

6 WIRE CONNECTION 3M-DBR6-Y
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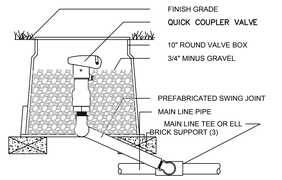

7 QUICK COUPLER VALVE
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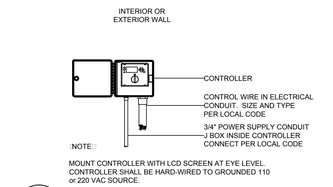

8 WALL MOUNT CONTROLLER
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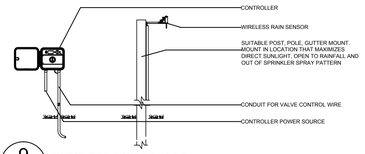

9 WIRELESS RAIN SENSOR
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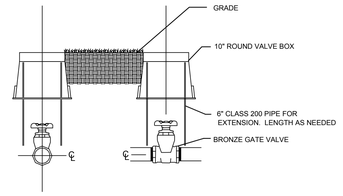

10 ISOLATION VALVE DETAIL
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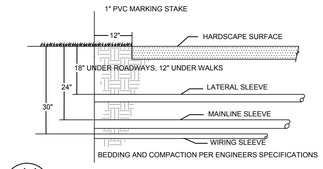
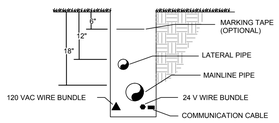
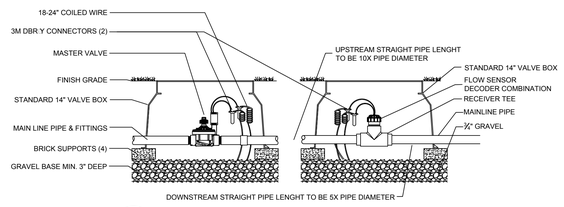


11 SLEEVING
NTS

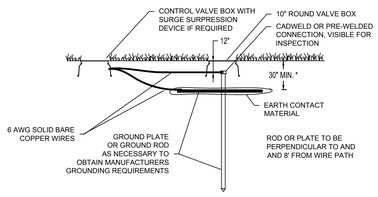


12 TRENCH, PIPE AND WIRE
NTS

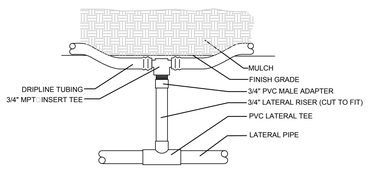


13 MASTER VALVE FLOW SENSOR
NTS

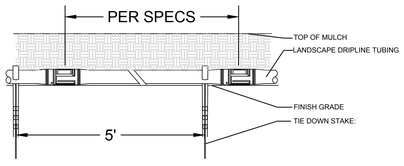
SIDE VIEW



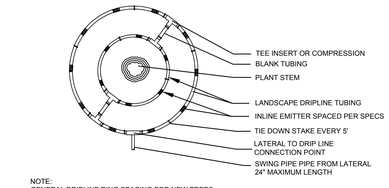
14 TWO WIRE GROUNDING POINT DETAIL
NTS



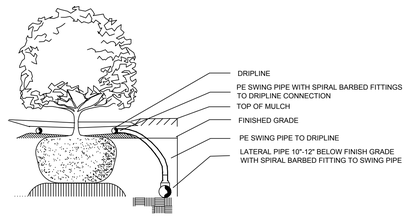
15 DRIPLINE START CONNECTION
(W/ PVC LATERAL RISER)
NTS



16 DRIPLINE ON GRADE WITH MULCH COVER
NTS



17 TREE DRIP RING
NTS



18 TREE DRIP RING TO LATERAL CONNECTION
NTS

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
MDC

CHECKED BY:
TG

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PROFESSIONAL STAMPS:

	REVISION	DATE	BY

DATE:
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
Irrigation Details

SHEET NUMBER
IR-105

Wood+Partners Inc.
Landscape Architects
Land Planners
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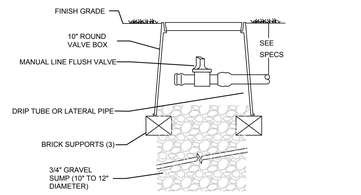
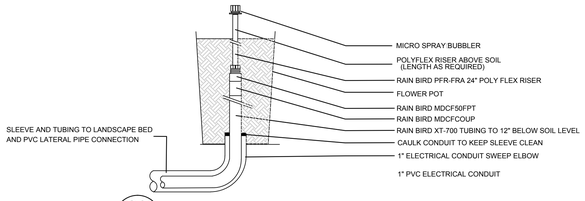
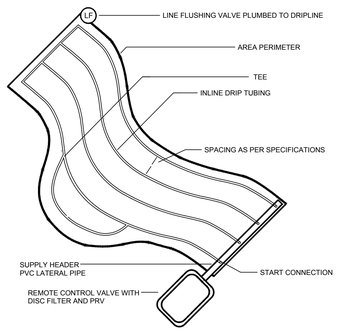
C:\Users\TaraDaly\Desktop\Coligny Park Drawings\Coligny Park Drawings Files\Coligny Park Drawings.dwg, 7/8/2016 3:29:53 PM, Printed By: Tara This Box - cut and all or selectively - to size of this box - cut and file 'as size of sheet' - ensures 'as' or reduction or distortion of this drawing without the written consent of wood+ partners, inc. is an infringement of law. Drawing is 30" x 42" if it is a reduced size, scale accordingly!



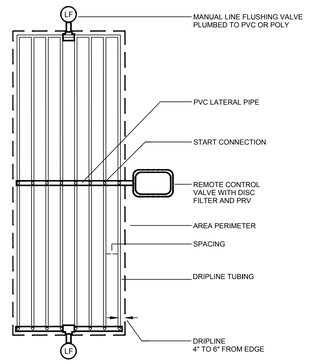
19 MANUAL LINE FLUSHING VALVE
NTS



20 FLOWER POT MICRO SPRAY BUBBLER DETAIL
NTS



21 IRREGULAR AREA



22 CENTER FEED LAYOUT
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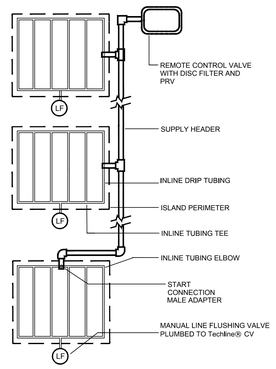

23 ISLAND LAYOUT
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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MDC
CHECKED BY:
TG

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PROFESSIONAL STAMPS:

	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
Irrigation Details

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
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SHEET NUMBER
IR-106

PROJECT ADDRESS
IN FOREST BEACH
HILTON HEAD, SC 29928

INDEX OF DRAWINGS | **DWG. #**

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FOUNTAIN EQUIPMENT DETAIL SHEET #1	FD-1
FOUNTAIN EQUIPMENT DETAIL SHEET #2	FD-2
WATER FEATURE SITE PLAN	FS-1
SITE UTILITY & ID PLAN	FM-1
POND SPOT ELEVATIONS	FM-1A
ENLARGED POND #1 EMBED & EQUIPMENT LAYOUT PLAN	FM-2
ENLARGED POND #1 PIPING PLAN	FM-3
ENLARGED POND #2 EMBED AND EQUIPMENT LAYOUT PLAN	FM-4
ENLARGED POND #2 PIPING PLAN	FM-5
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7'x7'x5' DIRECT BURIAL PUMP VAULT, ITEM #13, INSTALLATION DETAILS	FM-10
FOUNTAIN ELECTRICAL PLAN	FE-1
FOUNTAIN CONTROL PANEL WIRING DIAGRAM	FE-2
TYPICAL ELECTRICAL DETAILS & ARTICLE 680 NEC REQUIREMENTS	FI-1
TYPICAL PIPING AND PENETRATION DETAILS	FI-2

SAI fountains

SYSTEM STATISTICS:
RUNNELL SURFACE AREA - 515 SQ. FT. X 1/8" SKIM = 40 GALLONS
COLLECTOR TANK VOLUME - 49 SQ. FT. X 5' DEEP, 245 CUBIC FT. = 970 GALLONS
TOTAL VOLUME = 1010 GALLONS
CIRCULATION (CODE) - 30 MIN. TURNOVER = 50 GPM

WATER EFFECTS:
STREAM JETS - 3GPM X 10 = 30 GPM
SURGE SUMPS - (1) AT 25GPM, (1) @ 50GPM AND (1) @ 95GPM = 170 GPM
SURGE FITTING - 20GPM X 6 = 120 GPM
TOTAL = 320 GPM
TOTAL SURGE REQ. (X3) = 960 GALLONS

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

C:\Clients\Southern Aquatics\Projects\Coligny Park\Coligny Park WF (6-30-16).dwg, Wednesday, June 29, 2016, Printed By: Home

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

100% CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: BH
CHECKED BY: TG

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DATE 6-17-2016
PROJECT NUMBER 01-16002
SHEET TITLE
Cover Sheet

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 Hilton Head Island, SC 29925
843.681.6618 Fax 843.681.7086 www.woodandpartners.com

SHEET NUMBER
FM-0

GENERAL REQUIREMENTS:

1. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED FOR ALL WORKS SHOWN ON THE DRAWINGS. APPLICATION FOR SUCH PERMITS SHALL BE OBTAINED BEFORE STARTING WORK.CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
3. DIMENSION AND DISTANCES INDICATED ON THE DRAWINGS ARE SHOWN TO THE BEST KNOWLEDGE OF THE FOUNTAIN DESIGNER. HOWEVER, THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR VERIFYING THEIR ACCURACY BASED ON ACTUAL FIELD DIMENSIONS AND ACTUAL EQUIPMENT AND PARTS DIMENSIONS.
4. CONTRACTOR SHALL VERIFY ALL CONDITIONS ON JOB SITE AND NOTIFY THE PROJECT ARCHITECT OR ENGINEER OF RECORD AND LANDSCAPE ARCHITECT OF ANY VARIATIONS FROM DIMENSIONS SHOWN ON THESE DRAWINGS BEFORE PROCEEDING WITH ANY CONSTRUCTION/INSTALLATION.
5. CONTRACTOR SHALL ASSIGN AND COORDINATE WORK, WHERE WORK IS SHOWN DIAGRAMMATICALLY OR SPECIFIED BY PERFORMANCE REQUIREMENTS, RESOLVE ROUTING AND SPACE ALLOCATIONS BETWEEN TRADES BEFORE WORK IS STARTED IN ORDER TO PREVENT INTERFERENCE'S AND LOSS OF TIME.
6. CONTRACTOR SHALL ENSURE HIS PERSONNEL AND/OR SUBCONTRACTORS TO BE FAMILIAR WITH CONTRACT REQUIREMENTS REGARDLESS OF LOCATION IN CONTRACT DOCUMENTS. REFER TO DRAWINGS OF OTHER TRADES TO COORDINATE WORK WITH OTHER TRADES IN PROJECT. REPORT POTENTIAL CONFLICTS TO OWNER PRIOR TO COMMENCING WORK IN AREA IN QUESTION.
7. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED MEASUREMENTS.
8. ALL ELEVATIONS SHOWN REFER TO FINISHED SURFACES UNLESS OTHERWISE NOTED.
9. DETAILS ARE INTENDED TO SHOW METHOD AND MANNER OF ACCOMPLISHING WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS AND SHALL BE INCLUDED AS PART OF THE CONTRACTOR'S WORK.
10. OMISSIONS FROM THE PLANS AND SPECIFICATIONS SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF FURNISHING, MAKING, OR INSTALLING ALL ITEMS REQUIRED BY LAW OR USUALLY FURNISHED, MADE, OR INSTALLED IN A PROJECT OF THE SCOPE AND GENERAL CHARACTER INDICATED BY THE PLANS AND SPECIFICATIONS.
11. A TYPICAL OR REPRESENTATIVE DETAIL INDICATED ON THE DRAWINGS SHALL CONSTITUTE THE STANDARD FOR WORKMANSHIP AND MATERIAL THROUGHOUT CORRESPONDING PARTS OF THE WORK. WHERE NECESSARY, AND WHERE REASONABLY INFERABLE FROM THE DRAWINGS OR SPECIFICATIONS, CONTRACTOR SHALL ADAPT SUCH TYPICAL OR REPRESENTATIVE DETAIL FOR APPLICATION TO SUCH CORRESPONDING PARTS OF THE WORK. THE DETAILS OF SUCH ADAPTATION SHALL BE SUBJECT TO PRIOR APPROVAL BY OWNER. REPETITIVE FEATURE SHOWN IN OUTLINE ON THE DRAWINGS SHALL BE IN EXACT ACCORDANCE WITH CORRESPONDING FEATURES COMPLETELY SHOWN.
12. THE DRAWING, AND SPECIFICATIONS, AND DRAWINGS OF VARIOUS DETAILS AND EQUIPMENT SCHEDULE ARE COMPLEMENTARY, IN GENERAL, THE DRAWINGS WILL SHOW DIMENSIONS, POSITIONS, QUANTITIES, TYPES OF EQUIPMENT AND KIND OF CONSTRUCTION, AND THE EQUIPMENT SCHEDULE AND SPECIFICATIONS, AS APPLICABLE OR AVAILABLE, WITH DEFINE MATERIALS, QUALITIES AND METHODS. ANY WORK SHOWN IN THE DRAWINGS AND NOT MENTIONED IN THE SPECIFICATIONS. OR ANY WORK MENTIONED IN THE SPECIFICATIONS AND NOT SHOWN ON THE DRAWINGS, OR ANY WORK SHOWN ON ONE PART OF THE DETAILS OR DRAWINGS AND NOT SHOWN ON THE OTHERS SHALL BE PERFORMED AS THOUGH FULLY SET FORTH IN BOTH OR IN ALL DRAWINGS. WORK NOT PARTICULARLY DETAILED, MARKED, OR SPECIFIED SHALL BE THE SAME AS SIMILAR PARTS THAT ARE DETAILED, MARKED, OR SPECIFIED.
13. ALL PIPING, EQUIPMENT, ACCESSORIES, MATERIALS OF CONSTRUCTION OR ASSEMBLIES, ETC. SHALL BE AS SPECIFIED ON THE FOUNTAIN DESIGNERS EQUIPMENT SCHEDULE, DRAWINGS AND SPECIFICATIONS. ANY REQUEST FOR SUBSTITUTION FROM THE ABOVE AS MAY BE ALLOWED BY THE SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND PRIOR APPROVAL FOR CHANGE SHALL BE OBTAINED FROM OWNER BEFORE PROCEEDING WITH THE SUBSTITUTION. THE CONTRACTORS SHALL NOT SUBMIT FOR ANY SUBSTITUTION ITEMS OF INTERIOR QUALITY OR LOWER PERFORMANCE.
14. THE CONTRACTORS SHALL BE RESPONSIBLE FOR PURCHASING FROM HIS BEST SOURCES ALL EQUIPMENT AND MATERIALS REQUIRED AND/OR SPECIFIED TO CONSTRUCT THE PROJECT.
15. THE FOUNTAIN DESIGNER MAY, AT OWNERS OPTION AND/OR PER THE CONTRACT WITH THE OWNER, PROVIDE PERIODIC FIELD OBSERVATIONS. FOUNTAIN DESIGNER IS NOT RESPONSIBLE FOR THE INSTALLATION OR ADJUSTMENT OF EQUIPMENT. SUCH INSTALLATION OR ADJUSTMENT IS FULLY RESPONSIBILITY OF THE CONTRACTOR.
16. THE PROJECT REQUIREMENTS ITEMS A01 THRU A05 ARE THE FOUNTAIN SPECIFICATIONS INTENDED TO COVER THE AREAS OR ITEMS NOT SHOWN, NOT CLEARLY SHOWN OR SPECIFIED ELSEWHERE ON THE DRAWINGS. WHERE THE PROJECT CONSTRUCTION DOCUMENTS PREPARED BY THE LICENSED ARCHITECTS AND/OR ENGINEERS EXISTS WITH SIMILAR REQUIREMENTS/SPECIFICATIONS, THOSE WITH MORE STRINGENT REQUIREMENTS SHALL GOVERN.
17. CONSULT ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DETAILS NOT SHOWN ON THESE DRAWINGS.
18. GENERAL CONTRACTOR SHALL PROVIDE ALL UTILITIES SUCH AS MAIN POWER SUPPLY, MAIN WATER SUPPLY, AND SEWER CONNECTIONS UNDER THE BUILDING CONTRACT UP TO THE FOUNTAIN CONTROLS, EQUIPMENT AND/OR POOL FITTINGS WHERE INDICATED.
19. GENERAL CONTRACTOR SHALL PROVIDE AND IS RESPONSIBLE FOR ALL ELEVATION AND X-Y COORDINATED RELATED TO ALL FOUNTAIN EQUIPMENT INCLUDING VAULTS, POOL FLOORS, AND PUMPS.
20. FOUNTAIN DESIGNER OR INSTALLER SHALL NOT BE RESPONSIBLE OR LIABLE IN ANY MANNER WHATSOEVER FOR SPECIAL LABELING OR CERTIFICATION REQUIREMENTS, INCLUDING THIRD PARTY PRODUCT TESTING UNLESS SPECIFICALLY INCLUDED IN ITS PROPOSALS, QUOTATIONS, DRAWING DESCRIPTIONS AND DETAILS, REGARDLESS OF PROJECT SPECIFICATION OR CODE REQUIREMENTS.
21. ANY STRUCTURE DEPICTED OR APPEARING ON THESE PLANS SHALL BE SHOWN SOLELY FOR DIMENSIONAL REFERENCE AND GENERAL STRUCTURAL ORIENTATION IN ORDER TO ADEQUATELY IDENTIFY, COORDINATE, ORIENT, LOCATE AND INSTALL OUR EQUIPMENT PACKAGE, AND SHALL NOT BE RELIED ON FOR ANY OTHER PURPOSES .

CONCRETE AND WATERPROOFING:

1. HOUSEKEEPING OR MECHANICAL CONCRETE PADS SHALL BE AS REQUIRED IN HEIGHT OR MINIMUM 4" HIGH UNLESS OTHERWISE NOTED.
2. CONCRETE SHALL BE CLASS "B" UNLESS OTHERWISE NOTED.
3. LIGHT BROOM FINISH FOR CONCRETE RECEIVING WATERPROOFING.
4. ALL POOLS SHALL BE WATERPROOFED BY SPECIFIED APPROVED MEANS.
5. WATERPROOFING DETAILS ARE PROVIDED TO INDICATE FUNCTIONAL AND DESIGN REQUIREMENTS, WHICH MAY AFFECT THE WATERPROOFING IMPLEMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE WARRANTED WATERPROOFING SYSTEM INTO WHICH THESE DETAILS HAVE BEEN INTEGRATED.
6. SEALANT SHALL BE URETHANE, COMPATIBLE WITH WATERPROOFING PRODUCT AND SUITABLE FOR CONTINUOUS SUBMERSION IN CHLORINATED OR BROMINATED WATER.

SITE WORK:

1. ALL DISTANCES, DATA, EXISTING STRUCTURES, AND UTILITIES ABOVE OR BELOW THE GROUND, WITHIN THE LIMITS OF THIS PROJECT SHALL BE CHECKED BY THE CONTRACTOR. IN CASE OF CONFLICT, THE OWNER SHALL BE NOTIFIED IMMEDIATELY IN ORDER THAT CLARIFICATION MAY BE MADE.
2. CONTRACTOR SHALL VISIT SITE AND BE KNOWLEDGEABLE OF CONDITIONS THEREON, INVESTIGATE, VERIFY AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT, NOTIFY OWNER OF CONDITIONS REQUIRING MODIFICATION BEFORE PROCEEDING WITH WORK.

MECHANICAL AND PLUMBING:

1. CONTRACTOR SHALL VERIFY AND MAINTAIN THE REQUIRED CLEARANCES AROUND INSTALLED EQUIPMENT.
2. ALL PIPING AND MECHANICAL INSTALLATIONS SHALL BE IN CONFORMANCE WITH THE HIGHEST STANDARDS OF CRAFTSMANSHIP FOR THE APPLICABLE TRADES.
3. CONTRACTOR SHALL PROVIDE MECHANICAL EQUIPMENT PADS IN THE SIZES AND LOCATIONS REQUIRED BY THE INFORMATION SHOWN IN THE DRAWINGS AND OR AS REQUIRED BY EQUIPMENT MANUFACTURER. VERIFY WITH PROJECT STRUCTURAL ENGINEER FOR PROPER STRUCTURAL DESIGN AND SUPPORT.
4. FOR INFORMATION REGARDING MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT SUPPORTS, BOLT SETTING TEMPLATES, ISOLATORS, SPRING ISOLATION, ETC. NOT SHOWN ON DRAWINGS, REFER TO AND COORDINATE WITH DRAWINGS PREPARED OR PROVIDED BY MECHANICAL AND ELECTRICAL CONTRACTOR OR MANUFACTURER.
5. INSTALL PIPING IN LOCATIONS AND MANNER SHOWN ON THE DRAWINGS.
6. WHERE PIPE LOCATION IS NOT SHOWN ON THE DRAWINGS, ROUTE IN A MANNER PROVIDING MINIMUM OBSTRUCTION OF ACCESS WAYS; DO NOT PERMIT PIPING TO BE AN OBSTACLE TO WHEELED OR FOOT TRAFFIC.
7. CLEAN PIPING MATERIALS BEFORE INSTALLATION, AND PROTECT OPEN PIPING DURING INSTALLATION TO PREVENT ALL CONTAMINATION.
8. PIPE ROUTING ON THE DRAWINGS IS DIAGRAMMATIC AND IN SOME INSTANCES EXAGGERATED FOR CLARITY. THE CONTRACTOR SHALL DETERMINE THE EXACT ROUTING AT THE SITE TO AVOID CONFLICT WITH SITE CONDITIONS. ANY ROUTING WHICH CREATES A TRAPPED CONDITION IN THE PIPING MUST BE CALLED TO THE ATTENTION OF THE FOUNTAIN CONSULTANT BEFORE THE PIPE IS INSTALLED.
9. THE CONTRACTOR SHALL SUPPORT AND BRACE ALL PIPING IN THE MANNER AND PRACTICE AS REQUIRED (I.E. SEISMIC, VIBRATIONS, ETC.) AND/OR APPROVED BY THE LOCAL BUILDING AUTHORITY AUTHORITY/CODES.
10. VERIFY WITH THE PROJECT/BUILDING STRUCTURAL ENGINEER FOR THE LOCATIONS OF ANCHORING DEVICES AND LOADS IMPOSED ON THE BUILDING STRUCTURE.
11. ALL METAL FABRICATIONS AND FASTENERS FURNISHED BY CONTRACTOR SHALL BE STAINLESS STEEL UNLESS OTHERWISE INDICATED. STAINLESS STEEL VISIBLE IN THE COMPLETED WATER FEATURE SHALL BE TYPE 304 OR TYPE 316.
12. FINAL NOZZLE INSTALLATION AND ADJUSTMENT FOR POSITIONING AND THROTTLING TO ACHIEVED SPECIFIED PERFORMANCES FOR ALL DISPLAY DISCHARGE POINTS TO BE PERFORMED BY INSTALLING CONTRACTOR.
13. FATAL SUCTION ENTRAPMENT CAN OCCUR IF FOUNTAIN MECHANICAL EQUIPMENT AND PIPING IS NOT INSTALLED CORRECTLY AS SHOWN. ANTI-VORTEX PLATES MUST BE SECURELY FASTENED TO SUMPS AND/OR POOL FLOOR USING SUITABLE VANDAL RESISTANT SAFETY FASTENERS AND ANCHORS AT ALL TIMES DURING OPERATION OF FOUNTAIN SYSTEM.

ELECTRICAL:

1. ALL EQUIPMENT SHALL BE INSTALLED, BONDED AND GROUNDED IN FULL COMPLIANCE WITH ARTICLE 680 OF THE NATIONAL ELECTRICAL CODE (U.S. STANDARD) AND ALL APPLICABLE LOCAL CODES. IN CASE OF CONFLICT, THE MORE STRINGENT SHALL GOVERN.
2. CONCEAL CONDUIT SYSTEM UNLESS EXPOSED WORK IS CLEARLY CALLED FOR ON THE DRAWINGS.
3. TIGHTLY COVER CONDUITS AND PROTECT WELL DURING CONSTRUCTION, USING METALLIC BUSHINGS AND BUSH "PENNIES" TO SEAL OPEN ENDS.
4. IN ALL EMPTY CONDUITS OR DUCTS, INSTALL A 200 POUND TENSILE STRENGTH POLYETHYLENE PULLING ROPE.
5. INSTALL SUBMERSIBLE CABLES IN ACCORDANCE TO CODE REQUIREMENTS AND MANUFACTURERS PUBLISHED SPECIFICATIONS, REQUIREMENTS AND RECOMMENDATIONS. MORE STRINGENT REQUIREMENTS SHALL GOVERN.
6. ALL SUBMERSIBLE JUNCTION BOXES SHALL BE FILLED WITH AN APPROVED RE-ENTERABLE POTTING COMPOUND (INSULATING AND SEALING COMPOUND) AFTER ALL CIRCUITS HAVE BEEN TERMINATED AND TESTED.
7. REFER TO ELECTRICAL DRAWINGS FOR PROJECT SPECIFIC ELECTRICAL REQUIREMENTS AND SPECIFICATIONS.
8. ELECTRICAL EQUIPMENT SHALL BE INSTALLED PER U.S. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) NATIONAL ELECTRICAL CODE (NEC) ARTICLE 680, PART E, FOUNTAINS.
9. WIRE SIZES ON DRAWINGS ARE GIVEN AS AMERICAN WIRE GAUGE (AWG) FOR AMPACITIES AT 90 DEGREES CELSIUS PER NEC 310-16. ALL CONDUCTORS SHALL BE STRANDED COPPER. CONDUCTOR INSULATION SHALL BE THERMOPLASTIC RATED FOR 90 DEGREES CELSIUS OPERATION AND SUITABLE FOR USE IN WET LOCATIONS.
10. ALL EQUIPMENT SHALL BE BONDED TO GROUND WITH A MINIMUM #8 AWG CONDUCTOR.
11. INSTALL A GROUND ROD TO ALL EQUIPMENT LOCATIONS AS REQUIRED, PER NEC AND LOCAL CODE.
12. UNLESS OTHERWISE NOTED, CONDUITS AND RACEWAYS SHALL CONTAIN CONDUCTORS OF EQUAL POTENTIAL, DO NOT MIX VOLTAGES.
13. ALL CONDUITS SHALL HAVE SEPARATE GROUNDING CONDUCTORS NOT SMALLER THAT #14 AWG UNLESS OTHERWISE NOTED.
14. EACH CIRCUIT USING A GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) SHALL HAVE A GROUNDED (NEUTRAL) CONDUCTOR, WHICH SHALL BE TERMINATED ON ITS RESPECTED GFCI. DO NOT MIX NEUTRALS.
15. UNLESS OTHERWISE NOTED, CONDUIT PENETRATING A CONCRETE SLAB OR SUBMERSED IN WATER SHALL BE BRASS OR STAINLESS STEEL. CONDUIT RUNS BETWEEN THE BASIN AND EQUIPMENT AREA SHALL BE POLYVINYL CHLORIDE (PVC) WHERE BURIED AND ELECTRO METALLIC TUBING (EMT) OR FLEXIBLE METALLIC CONDUIT WHERE EXPOSED. CONDUIT WITHIN EQUIPMENT ROOMS SHALL BE ELECTRO METALLIC TUBING (EMT), PVC, OR FLEXIBLE METALLIC CONDUIT.

SYSTEM STATISTICS:

RUNNELL SURFACE AREA - 515 SQ. FT. X 1/8" SKIM	= 40 GALLONS
COLLECTOR TANK VOLUME - 49 SQ. FT. X 5' DEEP, 245 CUBIC FT.	= 970 GALLONS
TOTAL VOLUME	= 1010 GALLONS
CIRCULATION (CODE) - 30 MIN. TURNOVER	= 50 GPM

WATER EFFECTS:

STREAM JETS - 3GPM X 10	= 30 GPM
SURGE SUMPS - (1) AT 25GPM, (1) @ 50GPM AND (1) @ 95GPM	= 170 GPM
SURGE FITTING - 20GPM X 6	= 120 GPM
TOTAL	= 320 GPM
TOTAL SURGE REQ. (X3)	= 960 GALLONS

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

SAI FOUNTAINS

Wood+Partners Inc. WPi
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Land Planners

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

100% CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
BH

CHECKED BY:
TG

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PROFESSIONAL STAMP:

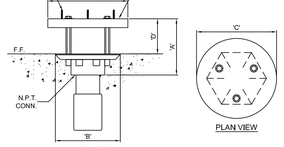
#	REVISION	DATE	BY

DATE
6-17-2016
PROJECT NUMBER
01-16002
SHEET TITLE
General
Installation Notes

SHEET NUMBER
FN-1

C:\Clients\Southern Aquatics\Projects\Coligny Park\Coligny Park WF (6-30-16).dwg, Wednesday, June 29, 2016, Printed By: Home

SIAF-Series
Inlet/Return Fitting
Scale: None



ELEVATION

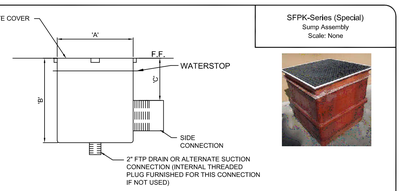
PLAN VIEW

MODEL #	'A' DIM	'B' DIM	'C' DIM	'D' DIM	INLET (N.P.T.)	MAXIMUM FLOW RATE
SIAF-200	5 1/2"	6 1/2"	8"	3 1/2"	2"	20 GPM
SIAF-300	6 1/2"	4"	9"	4"	3"	30 GPM
SIAF400	6 1/2"	6"	9"	4"	4"	40 GPM
SIAF-600	7"	6"	12"	4"	6"	50 GPM
SIAF-800	10"	8"	14"	7"	8"	60 GPM

SPECIFICATION DATA: Inlet Fitting, constructed of an inlet body of cast bronze with spun brass diffuser and Stainless Steel fasteners.

TYP. (6) | ITEM # 01

SFPK-Series (Special)
Sump Assembly
Scale: None



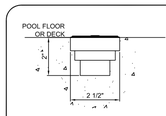
MODEL	'A'	'B'	'C'	SIDE CONN.	BOTTOM CONN.	FLOW RATE (gpm)
SFPK-60-812-4	12" SQ.	18"	6 1/2"	4"	2"	7 gpm
SFPK-60-818-6	18" SQ.	24"	6 1/2"	6"	2"	25 gpm
SFPK-60-824-8	24" SQ.	30"	6 1/2"	8"	2"	64 gpm
SFPK-60-836-10	36" SQ.	36"	6 1/2"	10"	2"	175 gpm

SPECIFICATION DATA: Sump Assembly; Heavy Duty FRP sump with integral waterstop flange, bottom connection and fibergrate sump cover.

NOTE: If this is the primary suction source for the recirculation system, use two (2) units minimum, to lessen the risk of suction entrapment.

TYP. (3) | ITEM # 02

SWMD-100
Stream Jet Nozzle
Scale: None



DECK MOUUNT APPLICATION

PLAN VIEW

MAX. SPRAY HGT. 6 FT.

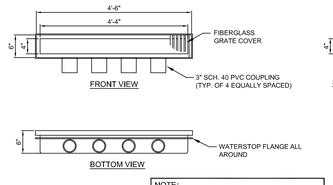
MODEL NO.	SPRAY HEIGHT	.6'	1.3'	2'	2.6'	3.4'	4'	4.5'	5.2'	6'	6.5'
SWMD-100	GPM	3	3.5	4.1	5	5.5	6	7	7.2	7.5	8
	HEAD	1.5'	3'	3'	4'	5'	6'	9'	9.5'	10'	12'

NOTE: Fine screening at pump to minimize nozzle clogging is recommended.

SPECIFICATION DATA: Stream Jet Nozzle; machined cast bronze and/or brass. Face plate shall be removable for nozzle alignment or nozzle cleaning. Water inlet connection shall be 1" diameter to minimize water turbulence.

TYP. (10) | ITEM # 03

SB-3350
Linear Drain Assembly
Scale: None

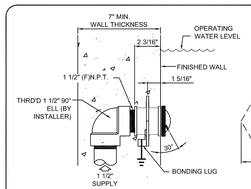


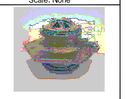
NOTE:
GRATE COLOR TO BE COORDINATED WITH SURROUNDING LANDSCAPE AREA.

SPECIFICATION DATA: Linear Drain Assembly; Heavy Duty FRP body with integral waterstop flange,(4) 3" bottom connections and fibergrate cover.

TYP. (1) | ITEM # 04

SEF-150-SW
Adjustable Wall Mounted 'Sweep' Inlet Fitting
Scale: None





MODEL	CONNECTION SIZE	MAXIMUM FLOW RATE
SEF-150-WS	1 1/2"	30 GPM

SPECIFICATION DATA: Adjustable Wall Mounted 'Sweep' Inlet Fitting; consisting of a machined brass body with integral waterstop flange, bonding screw; slotted brass "sweep" eyeball with retaining ring and 1 1/2" female threaded connection, standard natural brass finish.

TYP. (3) | ITEM # 05

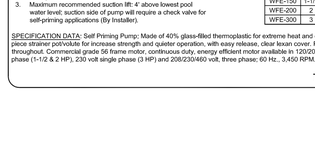
ITEM NOT USED

TYP. ( ) | ITEM # 06

ITEM NOT USED

TYP. ( ) | ITEM # 07

SADS-Series
Diverter Plate & Sump Assembly
Scale: None



NOTE:
SUMP COVER COLOR TO BE COORDINATED WITH SURROUNDING AREA.

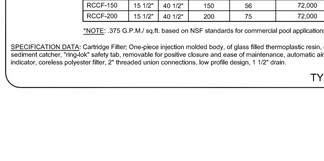
MODEL	'A'	'B'	'C'	SIDE CONN.	BOTTOM CONN.	FLOW RATE (gpm)
SAVS-9912	9" SQ.	12"	6 1/2"	3"	2"	115 gpm
SAVS-121212	12" SQ.	12"	6 1/2"	4"	2"	200 gpm
SAVS-121218	12" SQ.	18"	10"	6"	2"	450 gpm
SAVS-181824	18" SQ.	24"	13 1/2"	8"	2"	800 gpm

SPECIFICATION DATA: Diverter Plate & Sump Assembly; Heavy Duty FRP sump with integral waterstop flange, side and bottom connections. (The interior bottom connection shall be provided with a threaded male plug.) Solid anti-vortex plate with spacers "TORX" type S.S. vandal resistant safety fasteners and wrench.

NOTE: If this is the primary suction source for the recirculation system, use two (2) units minimum, to lessen the risk of suction entrapment.

TYP. (2) | ITEM # 08

SAVS-Series
Anti-Vortex Plate & Sump Assembly
Scale: None



NOTE:
SUMP COVER COLOR TO BE COORDINATED WITH SURROUNDING AREA.

SAFETY NOTICE
THE ANTI-VORTEX PLATE MUST BE FIRMLY IN PLACE AND SECURELY FASTENED TO SUMP BODY AT ALL TIMES TO GUARD AGAINST THE POSSIBILITY OF SUCTION ENTRAPMENT. NEVER REMOVE PLATE UNLESS FOUNTAIN IS SHUT OFF AND COMPLETELY DRAINED.

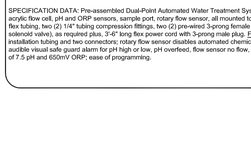
MODEL	'A'	'B'	'C'	SIDE CONN.	BOTTOM CONN.	FLOW RATE (gpm)
SAVS-9912	9" SQ.	12"	6 1/2"	3"	2"	115 gpm
SAVS-121212	12" SQ.	12"	6 1/2"	4"	2"	200 gpm
SAVS-121218	12" SQ.	18"	10"	6"	2"	450 gpm
SAVS-181824	18" SQ.	24"	13 1/2"	8"	2"	800 gpm

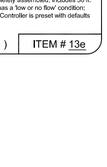
SPECIFICATION DATA: Anti-Vortex Plate & Sump Assembly; Heavy Duty FRP sump with integral waterstop flange, side and bottom connections. (The interior bottom connection shall be provided with a threaded male plug.) Solid anti-vortex plate with spacers "TORX" type S.S. vandal resistant safety fasteners and wrench.

NOTE: If this is the primary suction source for the recirculation system, use two (2) units minimum, to lessen the risk of suction entrapment.

TYP. (2) | ITEM # 09

SOB Series
Overflow Standpipe Drain
Scale: None





MODEL	CONNECTION SIZE	DIMENSION 'A'	DIMENSION 'B'	DIMENSION 'C'	MAX DRAIN RATE
SOB-150	1 1/2"	3 3/16"	4 7/8"	2 3/16"	25 GPM
SOB-200	2"	3 3/16"	5 5/8"	2 5/16"	50 GPM
SOB-300	3"	4 3/8"	6 1/2"	3 1/8"	75 GPM
SOB-400	4"	5 3/4"	7 1/2"	4 1/2"	100 GPM

NOTE: In multilevel fountains the lowest pool may experience a rise in water level on system shutdown. Note this when determining the standpipe height requirements.
NOTE: Special lengths available on special order, consult factory.

SPECIFICATION DATA: Standpipe Overflow Drain, with cast bronze waterstop drain coupling with bonding screw; copper standpipe and bronze dome cap w/stainless steel set screws and (F) N.P.T. connection. Finish shall be brushed copper and natural bronze. Standpipe fabricated for a 16" static water level, standard.

TYP. (1) | ITEM # 10

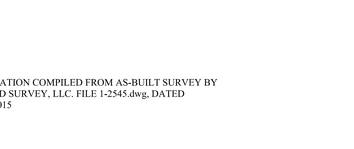
SVB-Series
In-Ground Valve Box
Scale: None

NOTE:
LID COLOR TO BE COORDINATED WITH SURROUNDING LANDSCAPE AREA.

SPECIFICATION DATA: Valve Box, consisting of a 3' x 1'-6" x 2'-0" deep heavy duty FRP vault with white gel-coat interior and brown gel-coat exterior and open bottom.

TYP. (1) | ITEM # 11

SHC SERIES
Bromine/Chlorine Feeder
Scale: None



NOTE: Do not install using copper piping or pipe damage may result.

MODEL	POOL SIZE GAL/24 HR. TRICHLOR/BROMINE (10 ppm)	TANK HOLDING CAPACITY	MAX. OUTPUT RATE (1 HR.) TRICHLOR/BROMINE	MAXIMUM OPERATING PRESSURE	INLET = OUTLET PIPE CONNECTIONS	'A' DIM.	'B' DIM.	'C' DIM.
SHC-3315	97.6K/20.2K	15 LBS.	1.22/0.57	50 PSI	1" F (NPT)	22-1/2"	8"	16"
SHC-3330	160K/40.9K	30 LBS.	2.0/1.15	50 PSI	1" F (NPT)	39-1/8"	8"	16"
SHC-3340	332K/61.5K	40 LBS.	4.15/1.73	50 PSI	1" F (NPT)	49-3/4"	8"	16"

SPECIFICATION DATA: Enclosed system. Heavy wall 'Cycolac' construction w/molded-in bolt down lugs, quick-release lid clamp, PVC control valve, hose bibb drain valve, air vent valve, inlet and outlet pipe connections.
NOTE: A corrosion resistant check valve should be installed to prevent sanitizer backflow; consult factory.
NOTE: To be NSF listed, a flow rate indicator must be installed on inlet side of tank. Consult factory.

TYP. (2) | ITEM # 11a

SVB-Series
In-Ground Valve Box
Scale: None

NOTE:
LID COLOR TO BE COORDINATED WITH SURROUNDING LANDSCAPE AREA.

SPECIFICATION DATA: Valve Box, consisting of a 3' sq. x 2'-0" deep heavy duty FRP vault with white gel-coat interior and brown gel-coat exterior and open bottom.

TYP. (1) | ITEM # 12

SST-SERIES
Chemical Solution Storage Tank
Scale: None

SPECIFICATION DATA: 15 gallon polypropylene Chemical Storage Tank for acid or base solution, as required to maintain proper water pH balance.

TYP. (1) | ITEM # 12a

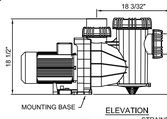
SPV-7x7x5
Direct Burial Pump Vault
Scale: None

NOTE:
LID COLOR TO BE COORDINATED WITH SURROUNDING LANDSCAPE AREA.

SPECIFICATION DATA: Direct Burial Pump Vault, consisting of a 7'-6" sq. x 5'-0" x 4'-0" deep heavy duty FRP vault with white gel-coat interior and brown gel-coat exterior and support legs.

TYP. (1) | ITEM # 13

SPK-95 Series
Self-Priming Pump
Scale: None



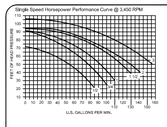
NOTES:
1. Pump motor must be adequately guarded against heat, dirt and moisture.
2. Pump room must be ventilated at a rate of 25 CFM per horsepower.
3. Maximum recommended suction lift: 4' above lowest pool water level; suction side of pump will require a check valve for self-priming applications (By Installer).

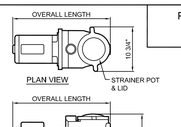
MODEL No.	HP	Dim. 'A'	Suct./Disch. (F) N.P.T.	Power Req.
SPK-95-IX-1	5	36 1/2"	4"x4"	208-230, 1Ø
SPK-95-IX-3	5	34"	4"x4"	208-230/460, 3Ø
SPK-95-X-3	7-1/2	36 1/2"	4"x4"	208-230/460, 3Ø

SPECIFICATION DATA: Self Priming Pump; one-piece thermoplastic housing with Intergrated strainer basket and easy on/off two-piece see through lid; non-corrosive plastic impeller with heavy duty mechanical shaft seal; suction and discharge are equipped with quick disconnect unions for easy installation and maintenance (union & lid wrench included); heavy duty energy efficient totally enclosed fan cooled (TEFC) motor.

TYP. (1) | ITEM # 13a

PENTAIR WFE-3
Self-Priming Pump
Scale: None





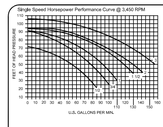
NOTES:
1. Pump motor must be adequately guarded against heat, dirt and moisture.
2. Pump room must be ventilated at a rate of 25 CFM per horsepower.
3. Maximum recommended suction lift: 4' above lowest pool water level; suction side of pump will require a check valve for self-priming applications (By Installer).

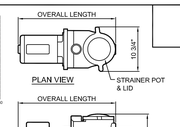
MODEL No.	HP	Overall Length	Suct./Disch. (F) N.P.T.
WFE-050	1/2	23-1/2"	2"x2"
WFE-075	3/4	23-1/2"	2"x2"
WFE-100	1	24-3/4"	2"x2"
WFE-150	1-1/2	25-1/4"	2"x2"
WFE-200	2	25-3/4"	2"x2"
WFE-300	3	25-3/4"	2"x2"

SPECIFICATION DATA: Self Priming Pump; Made of 40% glass-filled thermoplastic for extreme heat and corrosion resistance. Large capacity, single piece strainer pot/volute for increase strength and quieter operation, with easy release, clear lexan cover. Pump uses stainless steel fasteners throughout. Commercial-grade 56 frame motor, continuous duty, energy efficient motor available in 120/208-240 volt, single phase, 208-230 volt single phase (1-1/2 & 2 HP), 230 volt single phase (3 HP) and 208/230/460 volt, three phase; 60 Hz., 3,450 RPM.

TYP. (1) | ITEM # 13b

PENTAIR WFE-3
Self-Priming Pump
Scale: None





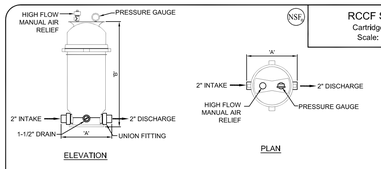
NOTES:
1. Pump motor must be adequately guarded against heat, dirt and moisture.
2. Pump room must be ventilated at a rate of 25 CFM per horsepower.
3. Maximum recommended suction lift: 4' above lowest pool water level; suction side of pump will require a check valve for self-priming applications (By Installer).

MODEL No.	HP	Overall Length	Suct./Disch. (F) N.P.T.
WFE-050	1/2	23-1/2"	2"x2"
WFE-075	3/4	23-1/2"	2"x2"
WFE-100	1	24-3/4"	2"x2"
WFE-150	1-1/2	25-1/4"	2"x2"
WFE-200	2	25-3/4"	2"x2"
WFE-300	3	25-3/4"	2"x2"

SPECIFICATION DATA: Self Priming Pump; Made of 40% glass-filled thermoplastic for extreme heat and corrosion resistance. Large capacity, single piece strainer pot/volute for increase strength and quieter operation, with easy release, clear lexan cover. Pump uses stainless steel fasteners throughout. Commercial-grade 56 frame motor, continuous duty, energy efficient motor available in 120/208-240 volt, single phase, 208-230 volt single phase (1-1/2 & 2 HP), 230 volt single phase (3 HP) and 208/230/460 volt, three phase; 60 Hz., 3,450 RPM.

TYP. (1) | ITEM # 13c

RCCF Series
Cartridge Filter
Scale: None



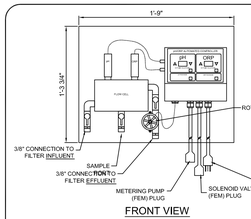
MODEL NO.	DIM 'A'	DIM 'B'	FILTRATION AREA SQ. FT.	*FLOW RATE GPM (COMM.)	*TURNOVER CAPACITY GALLONS PER 8 HR
RCCF-050	15 1/2"	18"	50	19	24,000
RCCF-075	15 1/2"	25 1/2"	75	28	36,000
RCCF-100	15 1/2"	33"	100	38	48,000
RCCF-150	15 1/2"	40 1/2"	150	56	72,000
RCCF-200	15 1/2"	40 1/2"	200	75	72,000

*NOTE: 375 G.P.M./ sq.ft. based on NSF standards for commercial pool applications

SPECIFICATION DATA: Cartridge Filter; One-piece injection molded body, of glass filled thermoplastic resin, corrosion resistant, patented internal sediment catcher, "ring-lok" safety tab, removable for positive closure and ease of maintenance, automatic air bleed, pressure gauge with cycle indicator, coreless polyester filter, 2" threaded union connections, low profile design, 1 1/2" drain.

TYP. (2) | ITEM # 13d

RWTS-CAT-2000
Backboard Mounted Dual-Point Water Treatment System Controller
Scale: None



NOTE: INSTALLER TO PROVIDE G.F.C.I. PROTECTED CONVENIENCE OUTLET DIRECTLY BENEATH WATER TREATMENT SYSTEM TO ENSURE ADEQUATE POWER CORD REACH.

NOTE: SEE DRAWING # WFM-3 FOR DETAILED CONNECTION INFORMATION FOR THIS ITEM.

SPECIFICATION DATA: Pre-assembled Dual-Point Automated Water Treatment System Control package includes; dual-point controller, machined acrylic flow cell, pH and ORP sensors, sample port, rotary flow sensor, all mounted to 1'-9"x1'-3 3/4" PVC backboard. System also includes 30 ft. of 3/8" flex tubing, two (2) 1/4" tubing compression fittings, two (2) pre-wired 3-prong female connectors for controlled output to 120vac metering pumps (or solenoid valve), as required plus, 3'-6" long flex power cord with 3-prong male plug. Features: Back panel arrives completely assembled; includes 30 ft. installation tubing and two connectors; rotary flow sensor disables automated chemical feeding when filtration system has a 'low or no flow' condition; audible visual safe guard alarm for pH high or low, pH overfeed, flow sensor no flow, ORP high or low, ORP overfeed. Controller is preset with defaults of 7.5 pH and 650mV ORP; ease of programming.

TYP. (1) | ITEM # 13e

GENERAL NOTE:
COORDINATE ALL VAULT/HATCH LID MATERIAL AND COLOR OPTIONS WITH SITE FURNISHINGS.

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

SAI FOUNTAINS

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

100% CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: BH
CHECKED BY: TG

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#	REVISION	DATE	BY

DATE
6-17-2016
PROJECT NUMBER
01-16002
SHEET TITLE
FOUNTAIN EQUIPMENT DETAIL SHEET #1

SHEET NUMBER
FD-1

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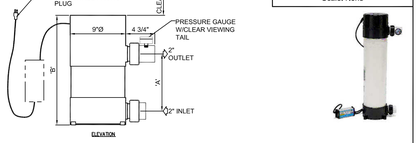
SUV-ES
Ultraviolet Sanitizer
Scale: None



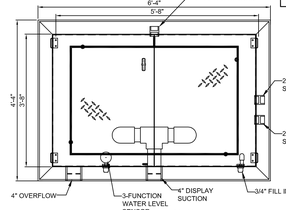
TECHNICAL & HYDRAULIC DATA						
MODEL	VOLTAGE	CONN. SIZE	CORD LENGTH	WATTS	MAX. FLOW RATE GPM	MAX. POOL VOLUME 8 HR. TURNOVER (GAL)
SUV-ES-31	120V/50/60Hz	2"	14'-6"	35	31	14880
SUV-ES-46	120V/50/60Hz	2"	14'-6"	45	45	21120
SUV-ES-57	120V/50/60Hz	2"	14'-6"	55	57	27360
SUV-ES-80	120V/50/60Hz	2"	14'-6"	90	80	38400
SUV-ES-110	120V/50/60Hz	2"	14'-6"	110	110	52800

DIMENSIONAL INFORMATION			
MODEL	DIM 'A'	DIM 'B'	DIM 'C'
SUV-ES-31	9-1/4"	17-3/4"	7"
SUV-ES-46	16-1/4"	24"	18"
SUV-ES-57	19-1/16"	27 1/2"	20"
SUV-ES-80	30-3/8"	38-3/4"	32"
SUV-ES-110	37-1/2"	46"	39"

SPECIFICATION DATA: Ultraviolet Sanitizer: unit shall be a SAI Fountains, SUV-ES Series Model SUV-ES-46, rated at 120 volts, 50/60 Hz. The unit shall be equipped with a 14'-6" long power cord/ballast assembly. The wet chamber shall be a 8" UV stainless steel housing with four mounting feet and PVC electrical enclosure bonnet suitable for outdoor installation. PVC Inlet/Outlet unions shall be 2" socket size. The UV unit shall include a pressure switch to prevent operation when water is not flowing, a pressure gauge and a clear viewing tail piece to verify lamp ON condition. The UV lamp shall be rated at 13,000 hours of continuous use and shall be fully replaceable without requiring special tools.

TYP. (1) | ITEM # 13f

SFPK-90-970
970 Gallon Water Storage/Surge Tank
Scale: None

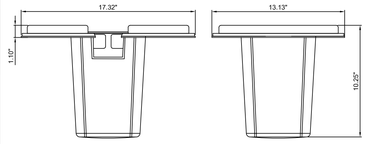


SPECIFICATIONS: Water Storage Tank, 1100 gallon with brown gel-coat exterior. Fiberglass construction, with all required fittings per shop drawings with surface skimmer & 3-function water level sensor installed.

NOTE:
LID COLOR TO BE COORDINATED WITH SURROUNDING LANDSCAPE AREA.

TYP. (1) | ITEM # 14

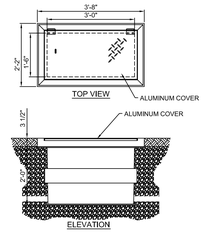
SSKIM-Series
Floating Skimmer
Scale: None



Technical Specifications -Minimum Flow Rate Through 1 S-A-R: 35 GPM-Maximum Flow Rate Through 1 S-A-R: 120 GPM (With Included Regulator Installed)-Weight (Out of water): 6 lbs.
Applications
-Primary Surface Cleaner For Filter System
-Extra Skimmer For Filter System
-Protection For Pool Equipment In Time Of Low Water Level

TYP. (1) | ITEM # 14a

SVB-Series
In-Ground Valve Box
Scale: None

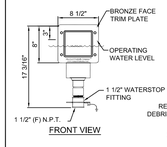


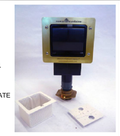
NOTE:
LID COLOR TO BE COORDINATED WITH SURROUNDING LANDSCAPE AREA.

SPECIFICATION DATA: Valve Box, consisting of a 3' x 1'-6" x 2'-0" deep heavy duty FRP vault with white gel-coat interior and brown gel-coat exterior and open bottom.

TYP. (1) | ITEM # 15

SPS-150-FA-WS
Front Access Pool Skimmer/Waterstop
Scale: None



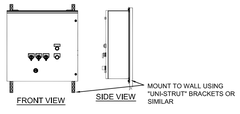


TECHNICAL AND HYDRAULIC DATA		
MODEL	CONNECTION SIZE	MAXIMUM FLOW RATE
SPS-150-FA-WS	1 1/2" (F) N.P.T.	30 GPM

SPECIFICATION DATA: Front Access Surface Skimmer w/Waterstop, body of injection molded black cycolac with removable floating weir/basket assembly; diverter adjustment plate; bronze waterstop fitting; natural finish brass faceplate; stainless steel fasteners and 1 1/2" (F) N.P.T. connection.

TYP. (2) | ITEM # 16

RPCP-Series
Pump Control Panel
Scale: None



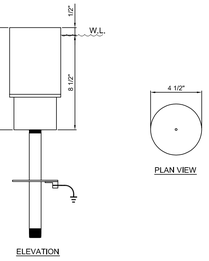
NOTE: THIS REPRESENTS A "TYPICAL" PUMP CONTROL PANEL CONFIGURATION. ACTUAL PANEL WILL BE PROJECT SPECIFIC AND MAY DIFFER FROM THIS DETAIL

NOTE: WALL-MOUNT CONTROL PANEL IN AN AREA WHICH WILL AT ALL TIMES MEET OR EXCEED THE MINIMUM CLEARANCE REQUIREMENTS SET FORTH BY LOCAL AND THE NATIONAL ELECTRICAL CODES.

SPECIFICATION DATA: Pump Control Panel: U.L. 508 Listed Custom Pump Control Panel, consisting of main disconnect, power distribution breaker; pump contactor(s) w/overload relay(s); (optional) water level make-up/low level equipment protection circuit, 7 day/24 hour electronic timeclock(s), 3-pos. H.O.A. selector switch and field connection terminal blocks. The panel is pre-wired in a NEMA 4 enclosure and factory tested with all loads, circuits and switching functions verified prior to delivery. Power requirement: 120/208V, 3Ø.

TYP. (1) | ITEM # 17

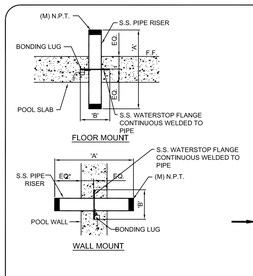
SESW-203
Wall Mounted Level Sensor
Scale: None



SPECIFICATION DATA: Construction of body and cover shall be PVC; brass, copper and stainless steel fitted with neoprene gasket and seal. Sensor shall be reed switch enclosed in a polypropylene, magnetically actuated float with 1" level adjustment.
Electrical conduit connection: 3/4" n.p.t./b.s.p.

TYP. (1) | ITEM # 18

SWS-L SERIES
Slab Penetration Fitting (Long Series)
Scale: None

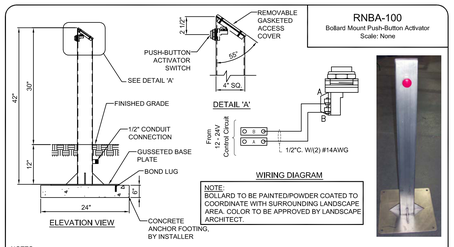


TECHNICAL DATA			
MODEL	N.P.T.	LENGTH 'A'	FLANGE SIZE 'B'
SWS-050-L	1/2"	10"	4" Dia.
SWS-075-L	3/4"	10"	4" Dia.
SWS-100-L	1"	10"	4" Dia.
SWS-125-L	1 1/4"	12"	4" Dia.
SWS-150-L	1 1/2"	12"	4" Dia.
SWS-200-L	2"	18"	6" Dia.
SWS-300-L	3"	24"	6" Dia.

SPECIFICATION DATA: Slab Penetration Fitting (Long Style): Stainless Steel pipe body to ASTM-B-16, S.S. waterstop flange/concrete key, continuous welded to pipe at the midpoint, S.S. threaded bond screw, N.P.T. male threads at each end.

TYP. (1) | ITEM # 18a

RNBA-100
Bollard Mount Push-Button Activator
Scale: None



NOTE:
BOLLARD TO BE PAINTED/POWDER COATED TO COORDINATE WITH SURROUNDING LANDSCAPE AREA. COLOR TO BE APPROVED BY LANDSCAPE ARCHITECT.

NOTES:
1. When adding the two #14AWG switch wires, allow at least two feet of extra wire inside the niche housing to ease the installation and removal of the footswitch.
2. After the wiring connection has been made, seal the conduit entry with duct seal or rubber silicon.

SPECIFICATION DATA: Bollard Mount Activator: 42" tall stainless steel, 4" square tubing, with gusseted anchor base plate, 1/2" conduit connection, removable access cover with vandal resistant fasteners and gasket, weatherproof push-button start/run switch, and bonding/grounding lug.

TYP. (1) | ITEM # 19

GENERAL NOTE:
COORDINATE ALL VAULT/HATCH LID MATERIAL AND COLOR OPTIONS WITH SITE FURNISHINGS.

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

SAI FOUNTAINS

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

100% CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
BH
CHECKED BY:
TG

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DATE
6-17-2016
PROJECT NUMBER
01-16002
SHEET TITLE
FOUNTAIN EQUIPMENT DETAIL SHEET #2

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SHEET NUMBER
FD-2

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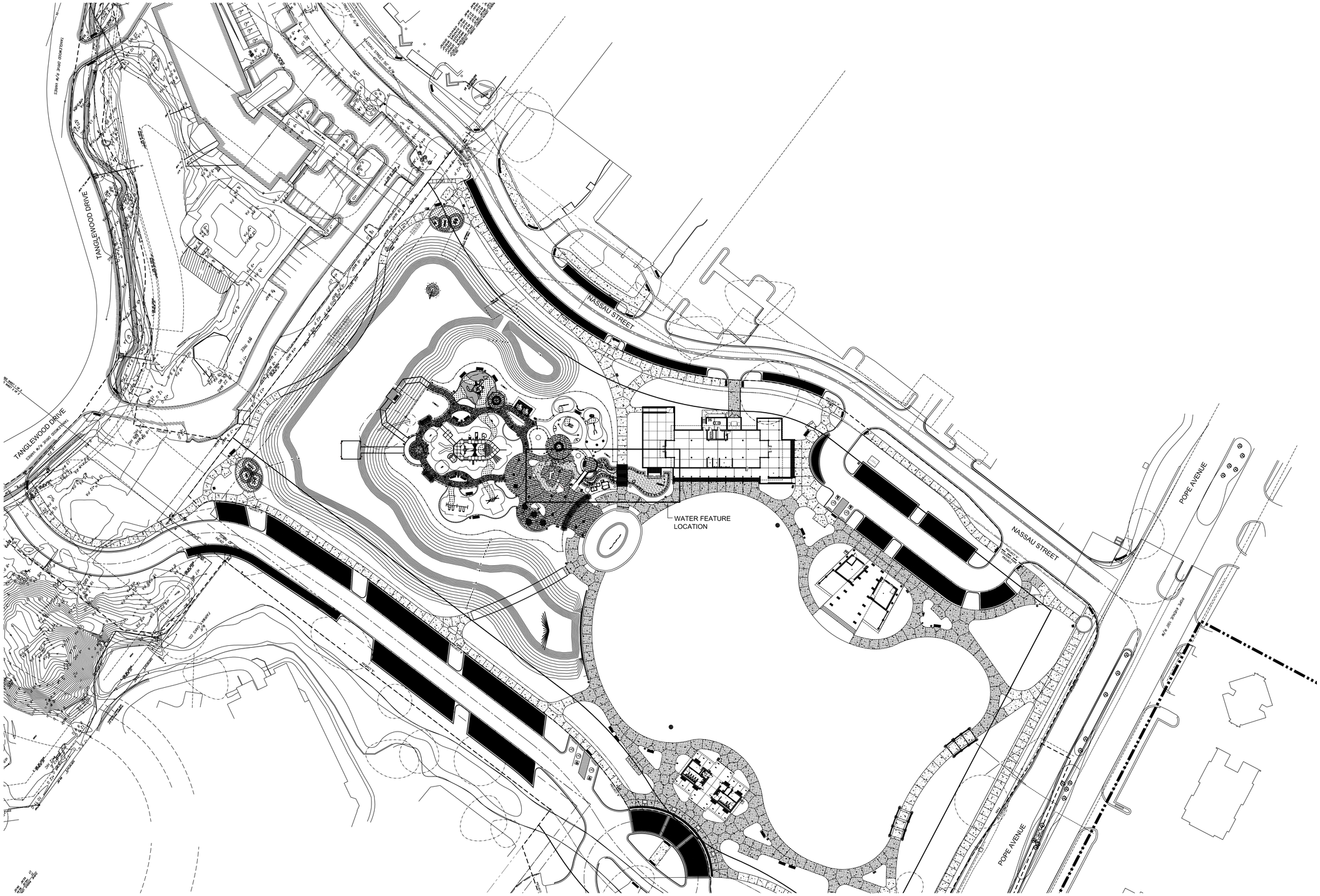

WATER FEATURE SITE PLAN

SCALE: 1"=40'

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY
SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED
NOVEMBER 11, 2015

100% CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

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#	REVISION	DATE	BY

DATE
6-17-2016

PROJECT NUMBER
01-16002

SHEET TITLE
WATER FEATURE SITE PLAN

SHEET NUMBER
FS-1

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Landscape Architects
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PO Box 23949 ■ Hilton Head Island, SC 29925
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SAI FOUNTAINS

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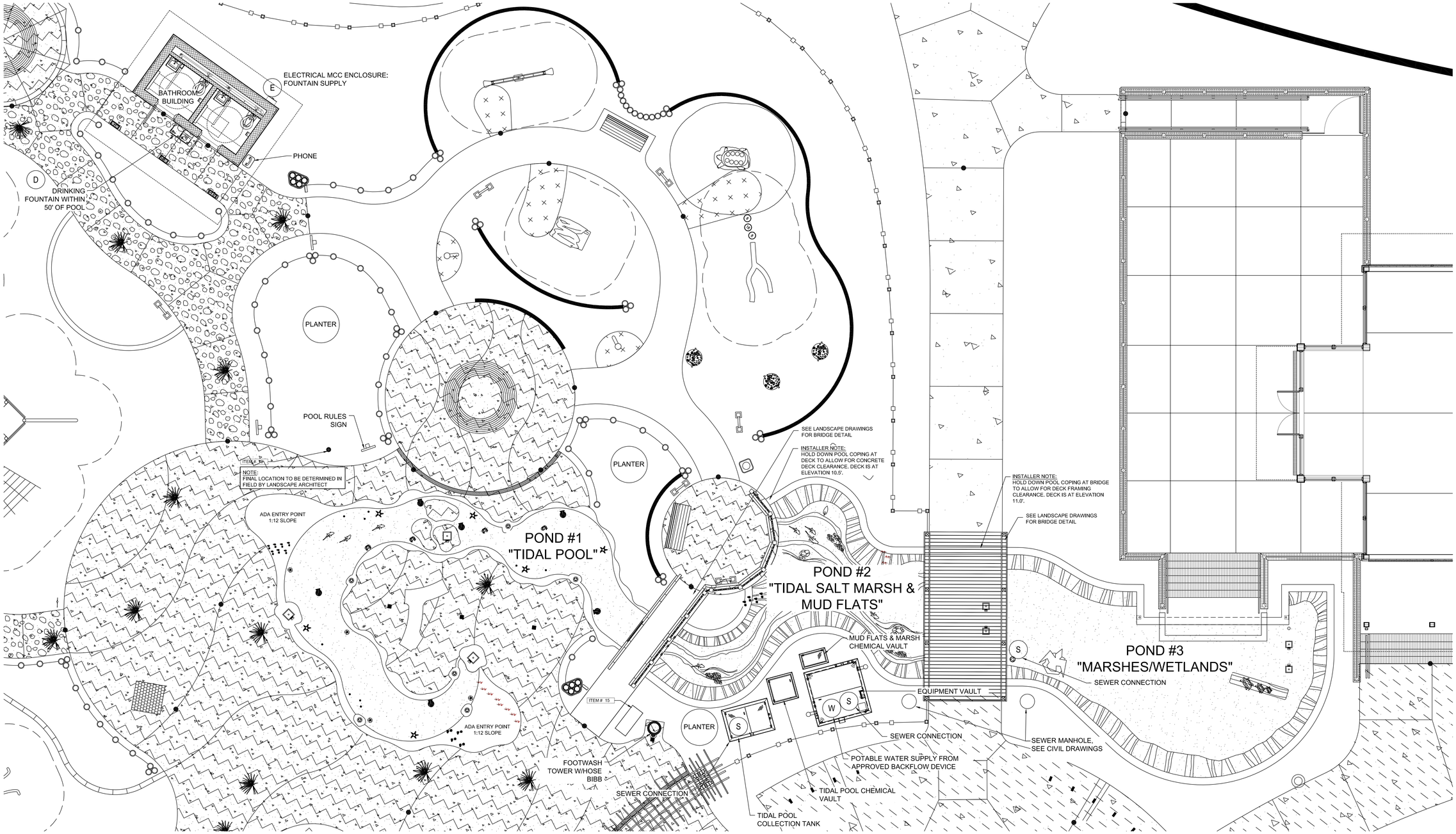

POND 1 - DHEC APPROVAL NEEDED
POND 2 - NO DHEC APPROVAL NEEDED
POND 3 - NO DHEC APPROVAL NEEDED

SYSTEM STATISTICS:
RUNNELL SURFACE AREA - 515 SQ. FT. X 1/8" SKIM = 40 GALLONS

COLLECTOR TANK VOLUME - 49 SQ. FT. X 5' DEEP, 245 CUBIC FT. = 970 GALLONS
TOTAL VOLUME = 1010 GALLONS
CIRCULATION (CODE) - 30 MIN. TURNOVER = 50 GPM

WATER EFFECTS:
STREAM JETS - 3GPM X 10 = 30 GPM
SURGE SUMPS - (1) AT 25GPM, (1) @ 50GPM AND (1) @ 95GPM = 170 GPM
SURGE FITTING - 20GPM X 6 = 120 GPM
TOTAL = 320 GPM
TOTAL SURGE REQ. (X3) = 960 GALLONS

SITE UTILITY & ID PLAN
SCALE: 3/16"=1'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

SAI FOUNTAINS

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

100% CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: BH
CHECKED BY: TG

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#	REVISION	DATE	BY

DATE 6-17-2016
PROJECT NUMBER 01-16002
SHEET TITLE SITE UTILITY & ID PLAN

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PO Box 23949 ■ Hilton Head Island, SC 29925
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SHEET NUMBER FM-1

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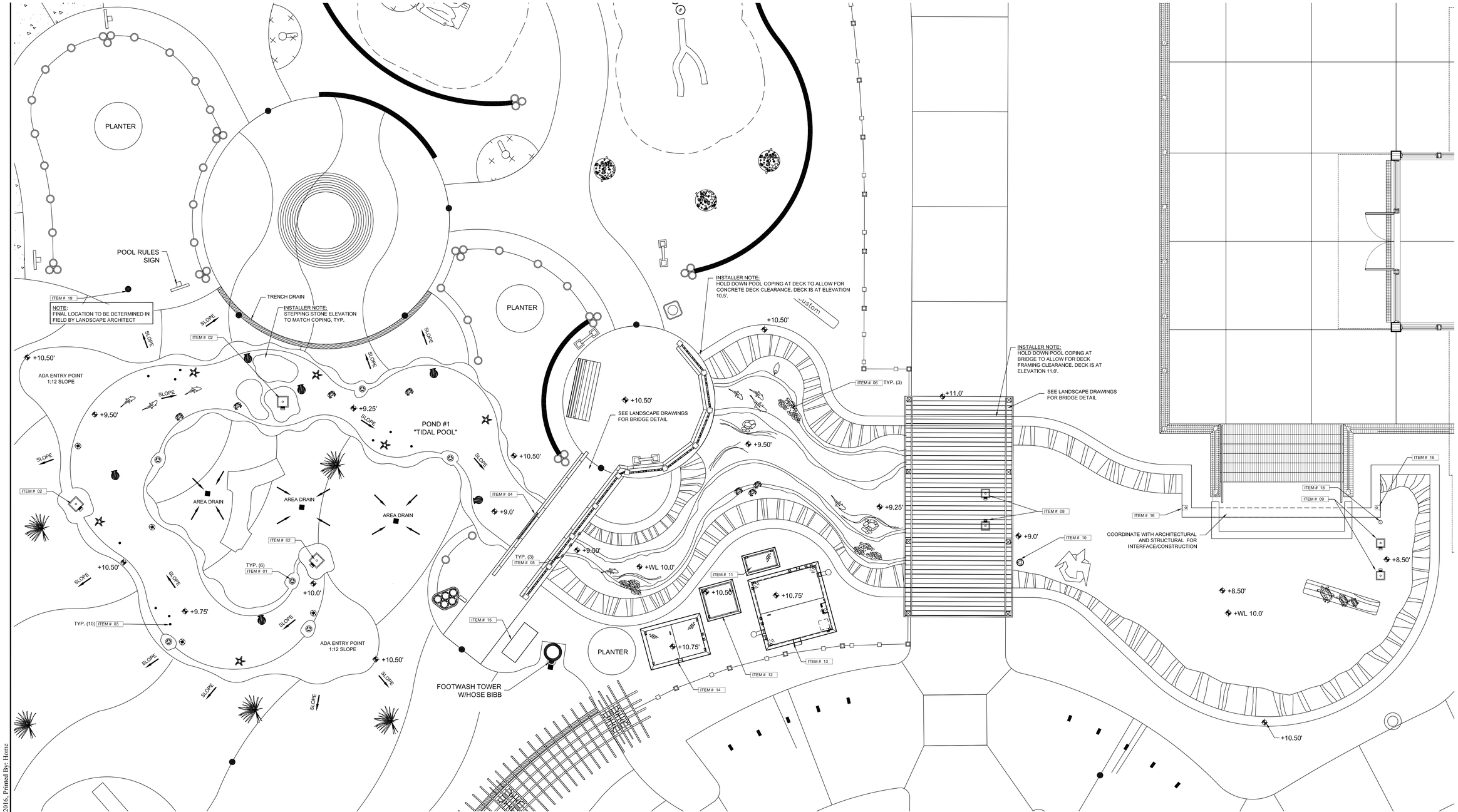

POND SPOT ELEVTIONS

SCALE: 1/4"=1'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

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FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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01-16002
SHEET TITLE
POND SPOT ELEVATIONS

SHEET NUMBER
FM-1A

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A LIMESTONES WITH YELLOW, CREAM, GRAY AND RUST TONES TO BE USED TO COVER INLET FITTINGS AND FOR STONE STEPS

B CONCRETE STAMPED FINISH. (FINISH ONLY, NOT COLOR)

95501-Large Starfish

STARFISH

95C07-Crab

CRAB

BLUE HERON

RACOON

SEE SPEC. SECTION 321316 FOR STAMPS APPROVED BY LANDSCAPE ARCHITECT.

C OTHER POTENTIAL STAMPS

D EDGE DETAIL

E DECK COLOR
MESA BEIGE
C-12
ALSO INCLUDES A COLOR FOR THE STAMP RELEASE AGENT (CORDOVAN BROWN) AND IS ALSO A SCOFIELD STAMPED CONCRETE PATTERN - 'FRACTURED EARTH'

F 80% STREAM COLOR
OYSTER WHITE
3611

G 20% STREAM COLOR
BEIGE CREAM
A-59

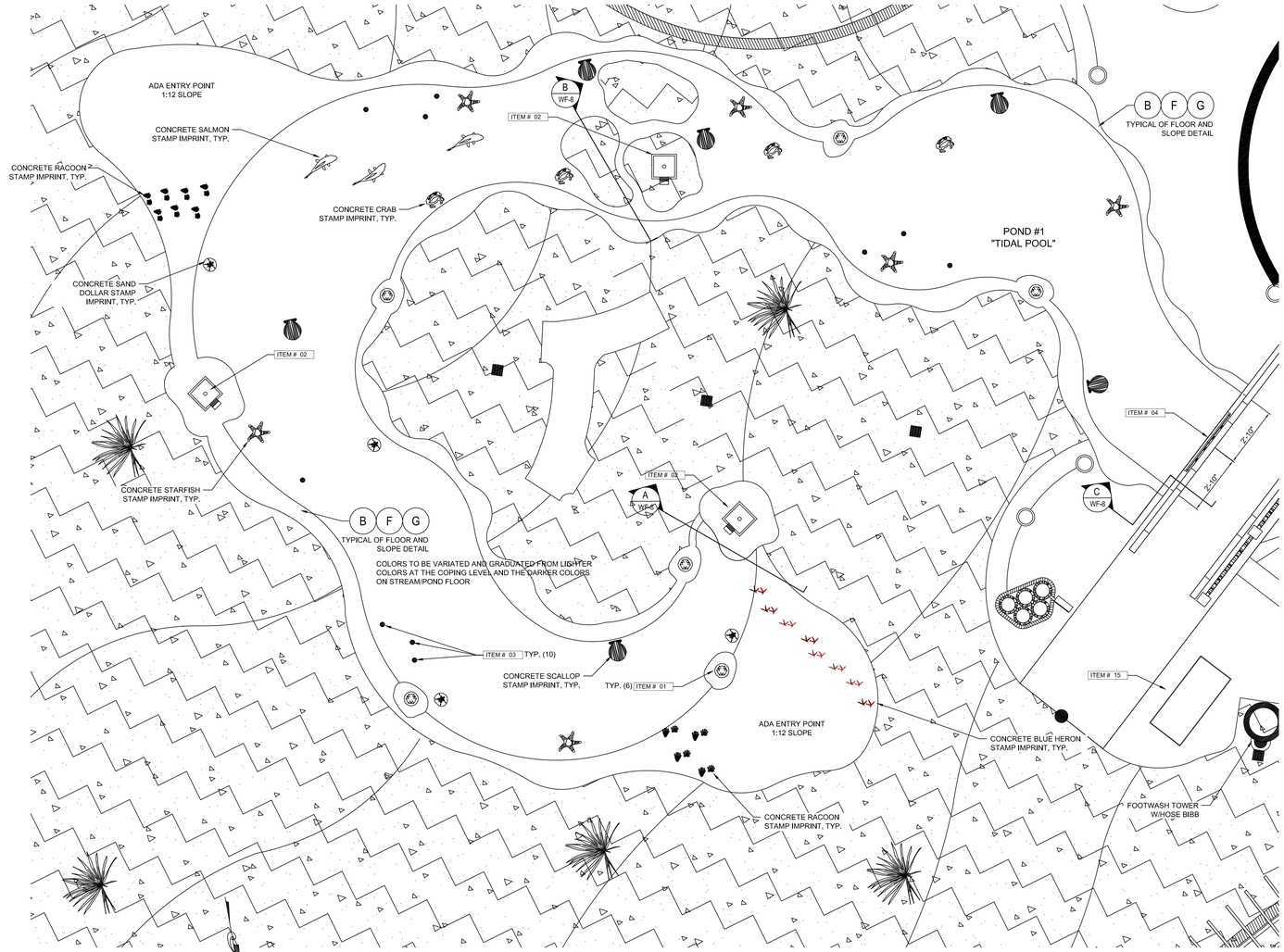
ALL COLORS ARE SCOFIELD COLORS TAKEN FROM THEIR COLOR CHART

USED AS INLET FITTING (UNDER ROCKS) TO DISPERSE WATER IN 'TIDAL POOL'

BUBBLER NOZZLES FOR INTERACTIVE 'TIDAL POOL' FOOT FRIENDLY AND FLUSH WITH CONCRETE

INSTALLER NOTE:
COORDINATE WITH OWNER'S REPRESENTATIVE FOR DESIRED INTENSITY AND QUALITY FOR EACH TYPE OF STAMPED IMPRESSION TO BE PLACED WITHIN THE FOUNTAIN. CONTRACTOR SHALL PROVIDE MOCK-UP SAMPLE PANEL TO INCLUDE A REPRESENTATION FOR EACH STAMPED IMPRESSION AS WELL AS SPECIFIED COLOR AND FINISH FOR POOL BOTTOM AND EDGES.

INSTALLER NOTE:
COLORS TO BE VARIATED AND GRADUATED FROM LIGHTER COLORS AT THE COPING LEVEL AND THE DARKER COLORS ON STREAM/POND FLOOR



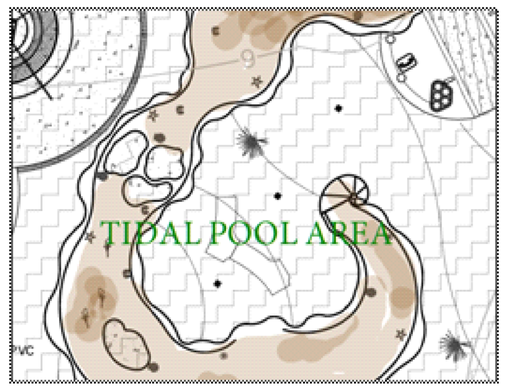
ENLARGED POND #1 'TIDAL POOL' EMBED AND EQUIPMENT LAYOUT PLAN

SCALE: 3/8"=1'-0"

SYSTEM STATISTICS:
RUNNELL SURFACE AREA - 515 SQ. FT. X 1/8" SKIM = 40 GALLONS

COLLECTOR TANK VOLUME - 49 SQ. FT. X 5' DEEP, 245 CUBIC FT. = 970 GALLONS
TOTAL VOLUME = 1010 GALLONS
CIRCULATION (CODE) - 30 MIN. TURNOVER = 50 GPM

WATER EFFECTS:
STREAM JETS - 3GPM X 10 = 30 GPM
SURGE SUMPS - (1) AT 25GPM, (1) @ 50GPM AND (1) @ 95GPM = 170 GPM
SURGE FITTING - 20GPM X 6 = 120 GPM
TOTAL = 320 GPM
TOTAL SURGE REQ. (X3) = 960 GALLONS



TIDAL POOL AREA
CONSISTS OF AN INTERACTIVE PLAY AREA WITH A STONE BRIDGE. WATER IS INTRODUCED IN SEVERAL PLACES ALONG STREAM AT VARIOUS TIMES TO MIMIC THE RISING AND FALLING OF THE TIDE. THE CONCRETE IS LIGHT IN COLOR AND HAS SMOOTH STAMPED CONCRETE FINISH. STONES ARE PLACED IN THE EDGE DETAIL OF THE STREAM TO HIDE THE WATER SOURCES AND FOR AESTHETICS.

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

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100% CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
BH

CHECKED BY:
TG

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DATE
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PROJECT NUMBER
01-16002
SHEET TITLE
ENLARGED POND #1 EMBED & EQUIPMENT LAYOUT PLAN

SHEET NUMBER
FM-2

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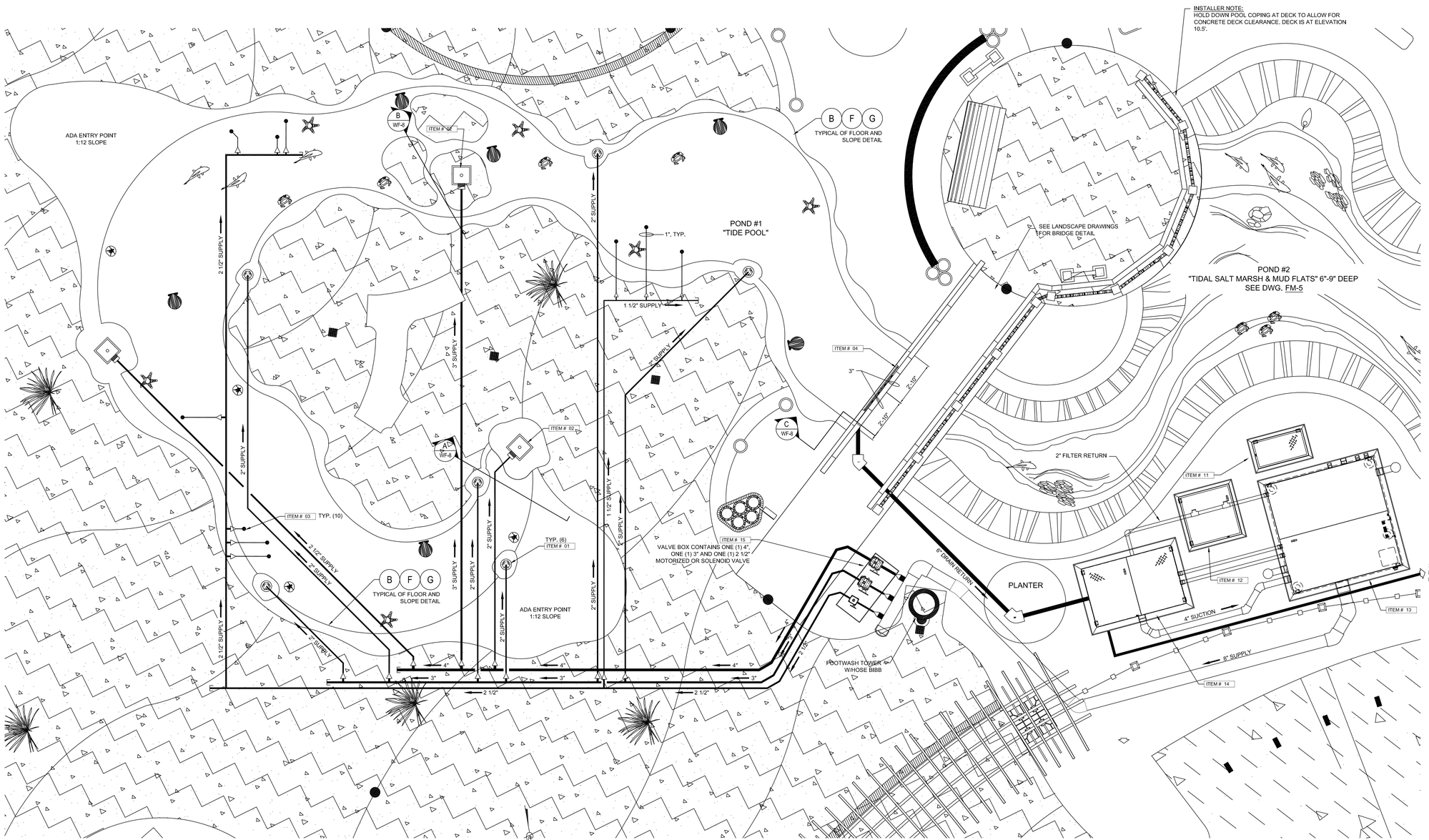

ENLARGED POND #1 'TIDAL POOL' PIPING PLAN

SCALE: 1/2"=1'-0"

SYSTEM STATISTICS:

RUNNELL SURFACE AREA - 515 SQ. FT. X 1/8" SKIM = 40 GALLONS

COLLECTOR TANK VOLUME - 49 SQ. FT. X 5' DEEP, 245 CUBIC FT. = 970 GALLONS
TOTAL VOLUME = 1010 GALLONS

CIRCULATION (CODE) - 30 MIN. TURNOVER = 50 GPM

WATER EFFECTS:

STREAM JETS - 3GPM X 10 = 30 GPM
SURGE SUMPS - (1) AT 25GPM, (1) @ 50GPM AND (1) @ 95GPM = 170 GPM
SURGE FITTING - 20GPM X 6 = 120 GPM
TOTAL = 320 GPM
TOTAL SURGE REQ. (X3) = 960 GALLONS

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

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COLIGNY PARK

Hilton Head Island, South Carolina

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SHEET TITLE
ENLARGED POND #1 'TIDAL POOL' PIPING PLAN

SHEET NUMBER
FM-3

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H REAL EXAMPLES OF WHAT WE WANT TO IMITATE

INSTALLER NOTE:
CONTRACTOR TO CREATE OYSTER BED CLUSTER UTILIZING FULL SHELLS, EMBEDDED INTO CONCRETE. SHELLS TO BE PLACES SO NO SHARP EDGES ARE EXPOSED. A MINIMUM 3SF AREA SHALL BE CREATED USING 10 SHELLS PER SQUARE FOOT. SHELLS ARE TO BE CLEANED AND EDGES GROUND SMOOTH.

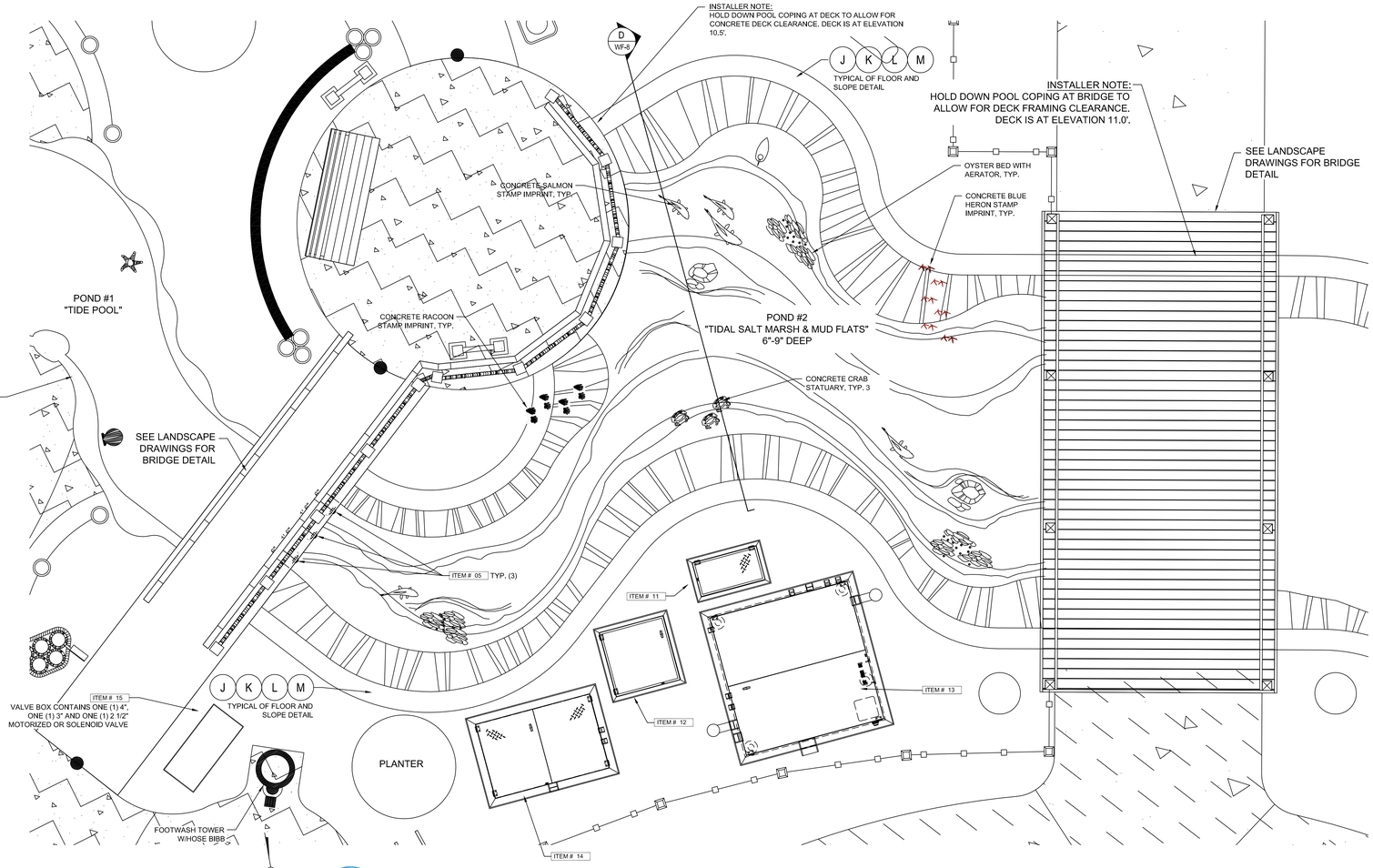
B SOME AREAS WILL HAVE SMALL BUBBLES RISING TO THE SURFACE

I RACOON TRACKS STAMPED INTO BANK, ENTERING WATER

SMALL STATUARY REPRESENTING TYPICAL CREATURES FOUND IN MUDFALTS. SEE SITE FURNISHINGS SPECS FOR ALL SCULPTURE ELEMENTS.

BLUE HERON TRACKS STAMPED INTO MUDBANK

SEE SPEC. SECTION 321316 FOR STAMPS APPROVED BY LANDSCAPE ARCHITECT.



ENLARGED POND #2, 'MUDFLAT AREA' EMBED AND EQUIPMENT LAYOUT PLAN

SCALE: 3/8"=1'-0"

NOTE:
SHOTCRETE FINISH TO BE TROWLED IN INTERACTIVE SECTION & ROUGH BLOWN IN MUDFLAT AND MARSH AREA

J EDGE AND FLOOR FINISH DETAIL

K 15% BEIGE CREAM A-59

L 65% PECAN TAN A-55

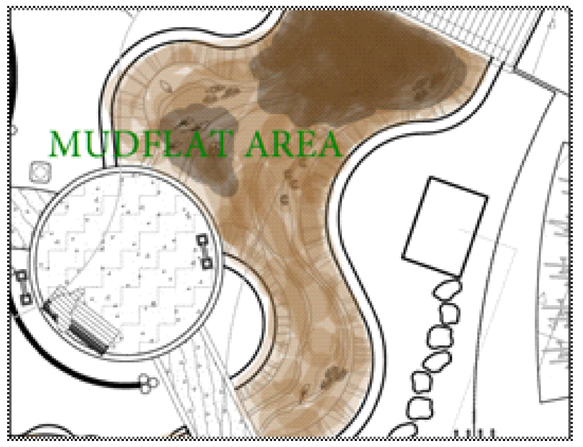
M 20% WALNUT 5921

ALL COLORS ARE SCOFIELD COLORS TAKEN FROM THEIR COLOR CHART

INSTALLER NOTE:
COORDINATE WITH OWNER'S REPRESENTATIVE FOR DESIRED INTENSITY AND QUALITY FOR EACH TYPE OF STAMPED IMPRESSION TO BE PLACED WITHIN THE FOUNTAIN. CONTRACTOR SHALL PROVIDE MOCK-UP SAMPLE PANEL TO INCLUDE A REPRESENTATION FOR EACH STAMPED IMPRESSION AS WELL AS SPECIFIED COLOR AND FINISH FOR POOL BOTTOM AND EDGES.

INSTALLER NOTE:
COLORS TO BE VARIATED AND GRADUATED FROM LIGHTER COLORS AT THE COPING LEVEL AND THE DARKER COLORS ON STREAM/POND FLOOR

RETURN FITTINGS USED AS A SOURCE OF SUPPLY WATER TO THE MUDFLATS. SEVERAL OF THESE FITTINGS ARE HIDDEN UNDER BRIDGE WHERE THE TIDAL POOL ENDS AND THE MUDFLATS BEGIN. THIS WILL CREATE A LIGHT WAVE ACTION TO GIVE THE ILLUSION THE TIDAL POOL AND THE MUDFLATS ARE THE SAME BODY OF WATER.



MUDFLAT AREA AREA
NOT INTENDED FOR USE BY THE PUBLIC, THIS AREA GIVES EDUCATIONAL INFORMATION ABOUT WHAT YOU WOULD TYPICALLY FIND IN A MUDFLAT AREA. THE WATER DEPTH INCREASES AND THE CONCRETE GETS DARKER AND MOTTLED. CONCRETE IS ROUGHER AND NOT TROWELED GIVING A SANDY MUD LOOK TO THE EDGES. CREATURES ARE REPRESENTED BY STAMPING THE CONCRETE AND 3D OBJECTS SUCH AS FIDDLER CRAB. BUBBLES RISE TO THE SURFACE IN A COUPLE OF AREAS TO REPRESENT ACTIVITY UNDER THE SURFACE.

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

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100% CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
BH

CHECKED BY:
TG

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PROJECT NUMBER
01-16002
SHEET TITLE
ENLARGED POND #2 EMBED AND EQUIPMENT LAYOUT PLAN

SHEET NUMBER
FM-4

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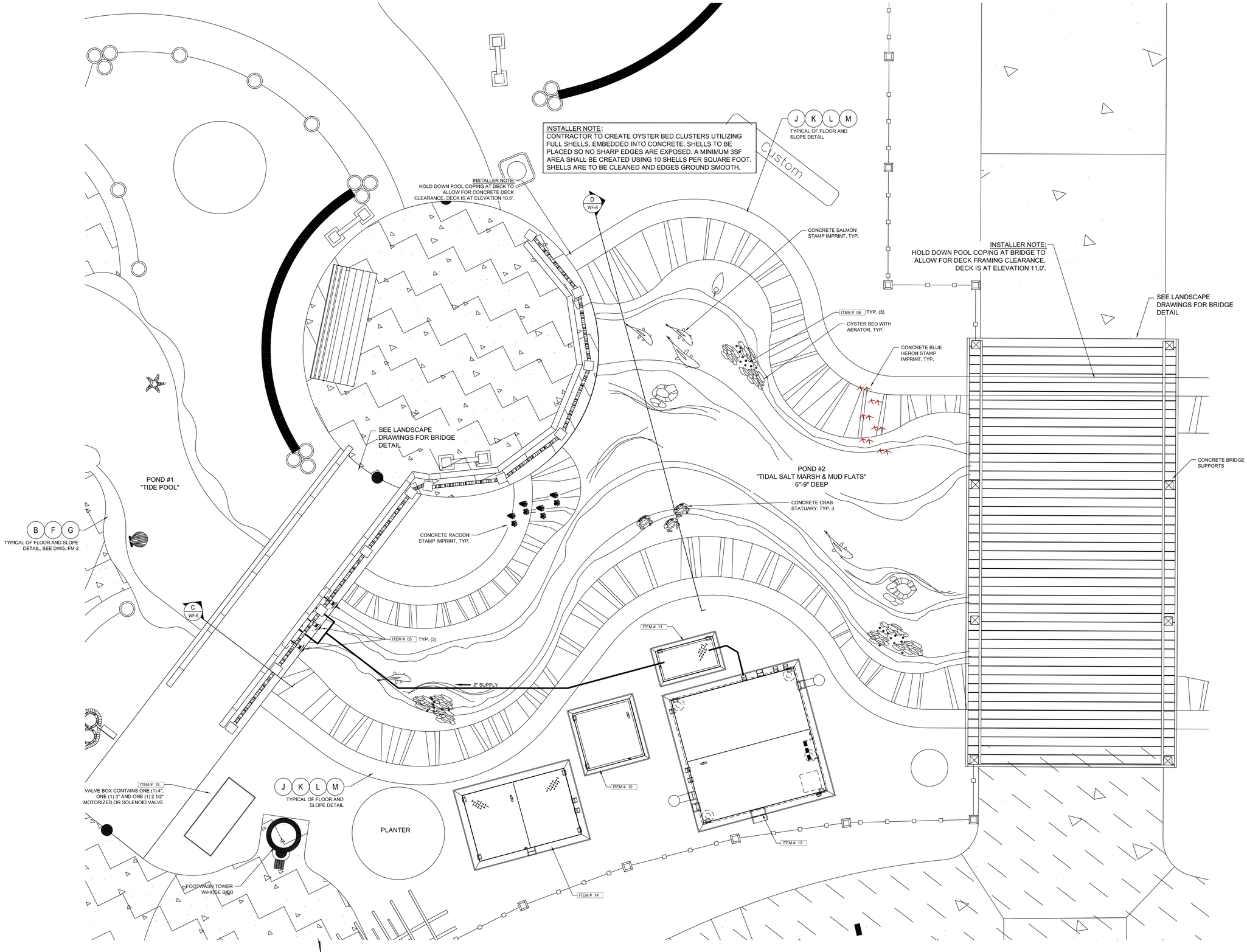

ENLARGED POND #2, 'MUDFLAT AREA' PIPING PLAN

SCALE: 1/2"=1'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

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FOR

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Hilton Head Island, South Carolina

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01-16002
SHEET TITLE
ENLARGED POND #2 PIPING PLAN

SHEET NUMBER
FM-5

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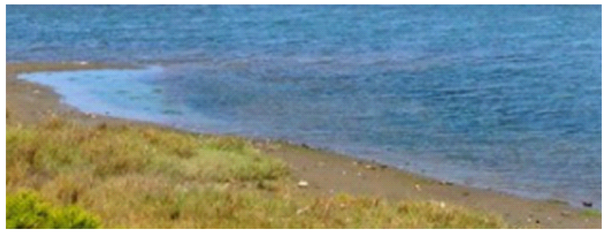
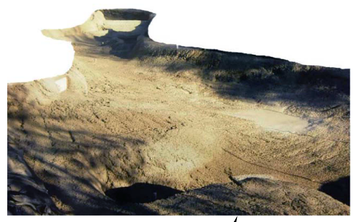
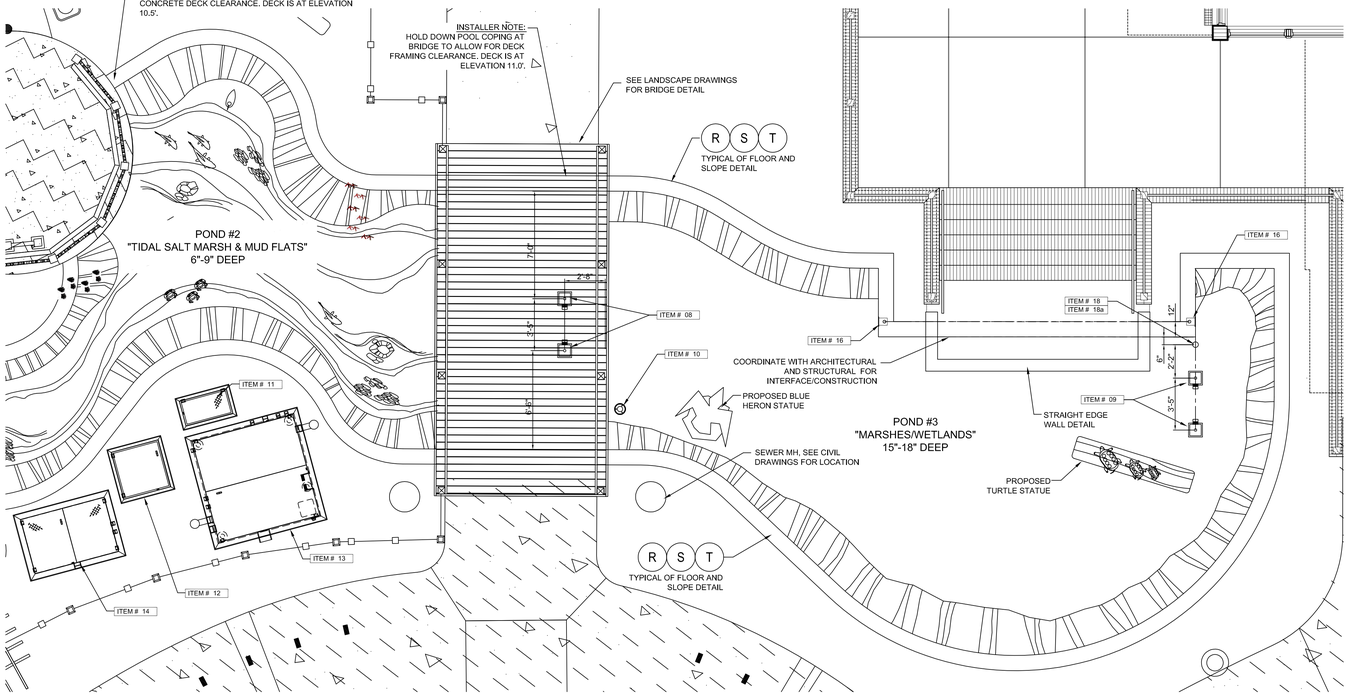


O GENTLY SLOPING BANK WITH DARK BOTTOM GIVING A REFLECTIVE APPEARANCE



NOTE:
SHOTCRETE FINISH TO BE TROWLED IN INTERACTIVE SECTION & ROUGH BLOWN IN MUDFLAT AND MARSH AREA

P SIMILAR FINISH TO MUDFLATS (NOT COLOR)



ENLARGED POND #3 'MARSH AREA' EMBED AND EQUIPMENT LAYOUT PLAN

SCALE: 1/4"=1'-0"

Q SITE FURNISHINGS FOR SCULPTURE INFORMATION

MARSH AREA
NOT INTENDED FOR USE BY THE PUBLIC, THE FINISH IS SIMILAR TO THE MUDFLATS BUT THE WATER DEPTH INCREASES EVEN MORE TO A TOTAL NOT EXCEEDING 15". TWO STATUARY ELEMENTS ARE LOCATED IN THIS FEATURE. STAMPING WILL BE LIMITED DUE TO THE BOTTOM BECOMING DARK BROWN/BLACK AND WILL HAVE LIMITED VISIBILITY OF THE FLOOR'S SURFACE.

R 70% WALNUT 5921

S 20% PECAN TAN A-55

T 10% BLACK

ALL COLORS ARE SCOFIELD COLORS TAKEN FROM THEIR COLOR CHART

INSTALLER NOTE:
COORDINATE WITH OWNER'S REPRESENTATIVE FOR DESIRED INTENSITY AND QUALITY FOR EACH TYPE OF STAMPED IMPRESSION TO BE PLACED WITHIN THE FOUNTAIN. CONTRACTOR SHALL PROVIDE MOCK-UP SAMPLE PANEL TO INCLUDE A REPRESENTATION FOR EACH STAMPED IMPRESSION AS WELL AS SPECIFIED COLOR AND FINISH FOR POOL BOTTOM AND EDGES.

INSTALLER NOTE:
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COLIGNY PARK

Hilton Head Island, South Carolina

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ENLARGED POND #3 EMBED & EQUIPMENT LAYOUT PLAN

SHEET NUMBER
FM-6

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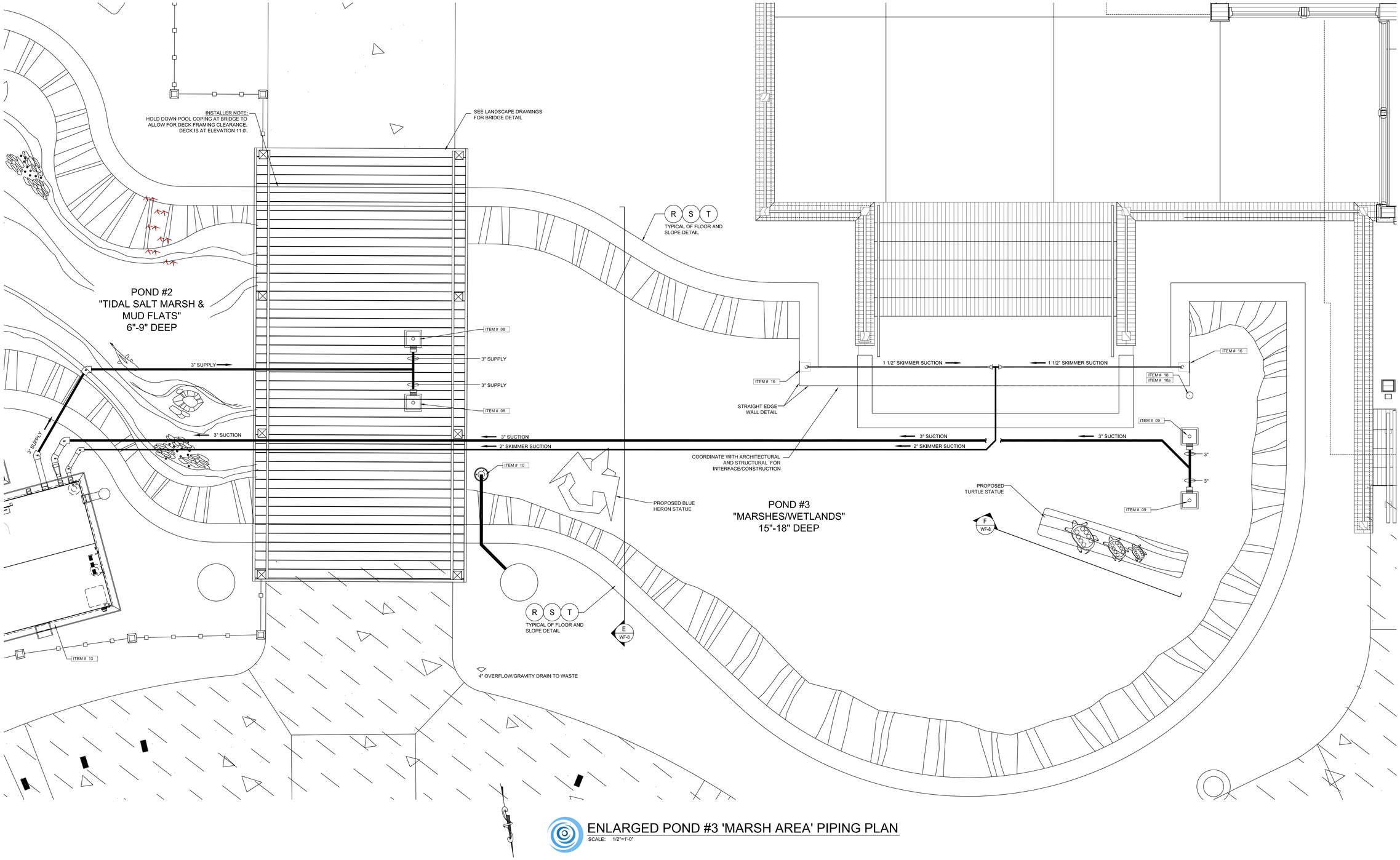

ENLARGED POND #3 'MARSH AREA' PIPING PLAN

SCALE: 1/2"=1'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

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SHEET NUMBER
FM-7

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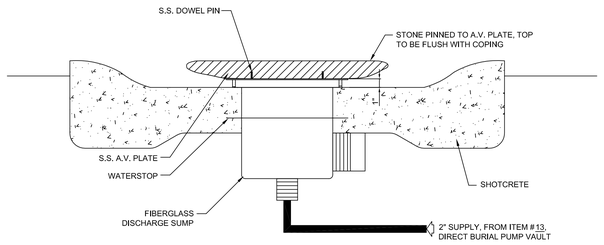

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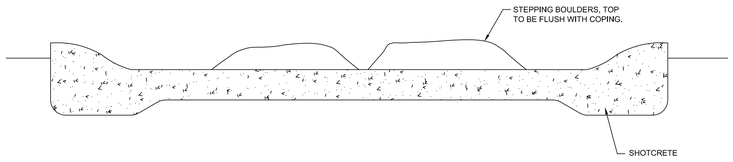

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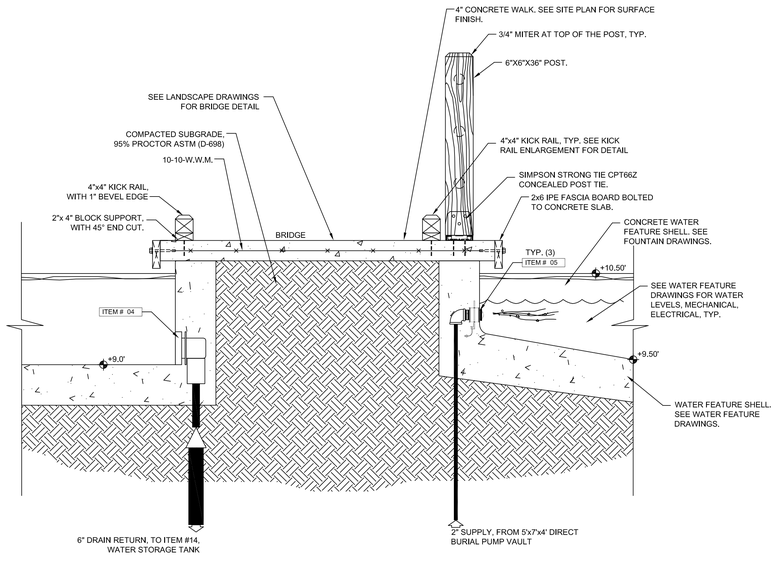

SECTION 'C'
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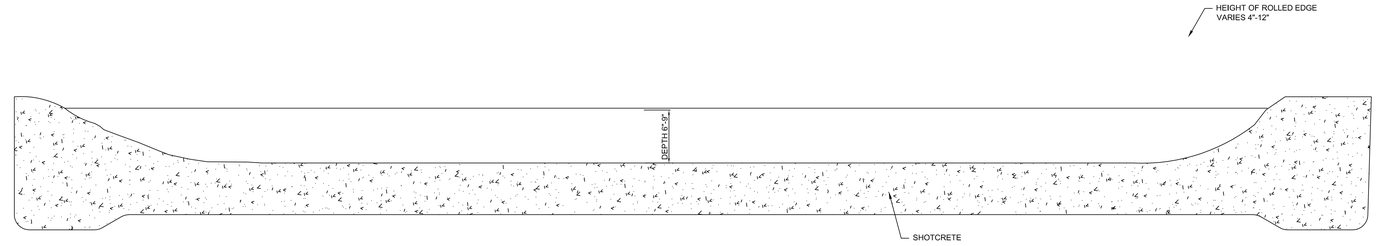

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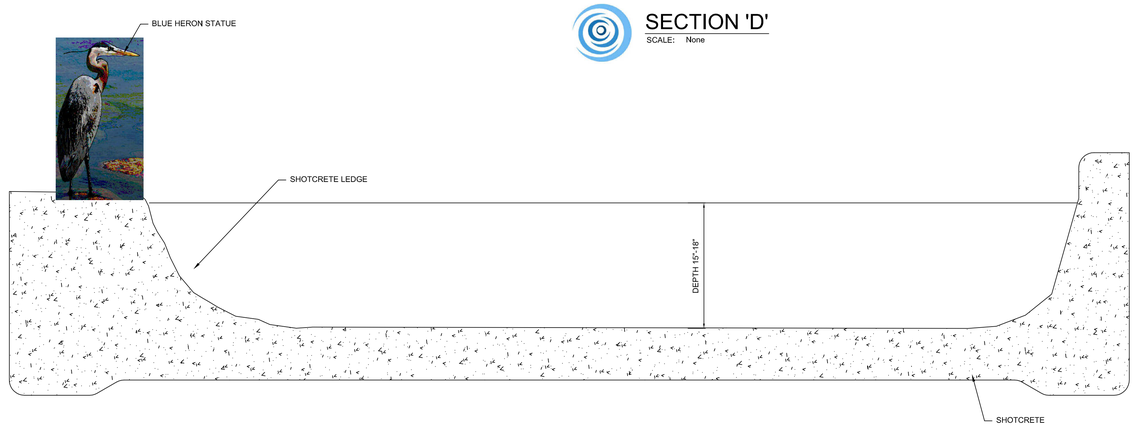

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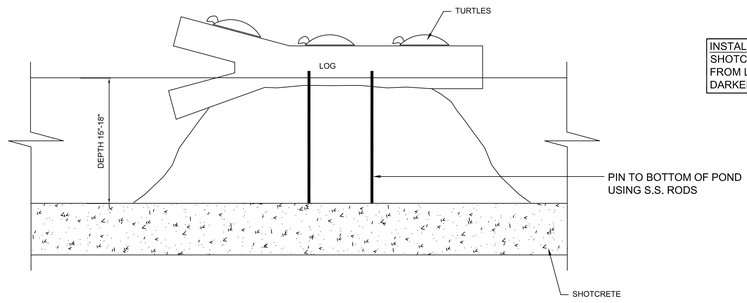
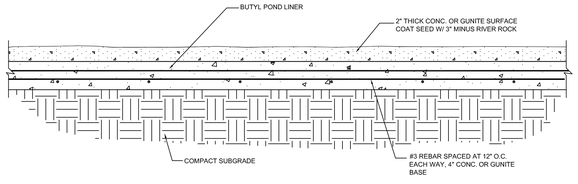


SECTION 'F'
SCALE: None

INSTALLER NOTE:
SHOTCRETE COLORS TO BE VARIATED AND GRADUATED FROM LIGHTER COLORS AT THE COPING LEVEL AND THE DARKER COLORS ON STREAM/POND FLOOR



POND BOTTOM - TYPICAL
SCALE: None

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

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100% CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
BH
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TG

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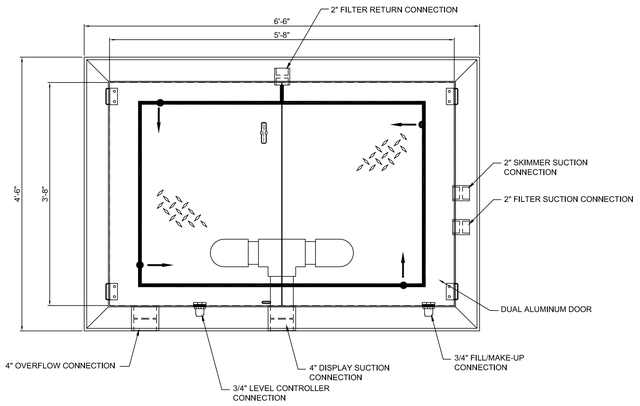
PROFESSIONAL STAMP:

#	REVISION	DATE	BY

DATE
6-17-2016
PROJECT NUMBER
01-16002
SHEET TITLE
ENLARGED POND #3 SECTIONS & DETAILS

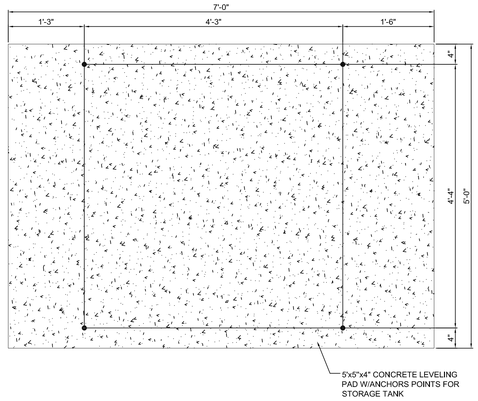
SHEET NUMBER
FM-8

C:\Clients\Southern Aquatics\Projects\Coligny Park\Coligny Park WF (6-30-16).dwg, Wednesday, June 29, 2016, Printed By: Home



PLAN VIEW
SCALE: 1"=1'-0"

NOTE: STORAGE TANK IS NOMINALLY WATERTIGHT EXCEPT IN THOSE LOCATIONS WHERE THERE IS A CONTINUOUS HIGH BELOW GRADE WATER LEVEL. THESE SITUATIONS REQUIRE THAT A DRAINAGE PIPE AND GRAVEL DRAIN SYSTEM BE INSTALLED AROUND THE STATION TO CARRY AWAY THIS EXCESSIVE WATER.



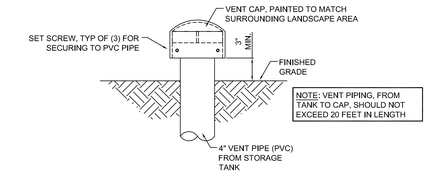
CONCRETE LEVELING PAD
SCALE: 1"=1'-0"

PUMP VAULT INSTALLATION NOTES
PLEASE READ CAREFULLY

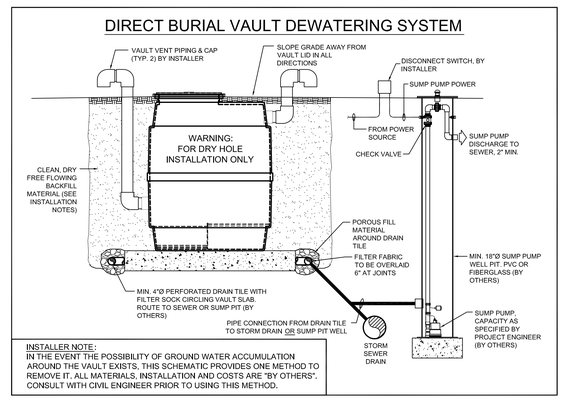
1. WHEN HANDLING THE PUMP STATION ALWAYS SUPPORT AND LIFT FROM THE BOTTOM. DO NOT USE PIPE PENETRATIONS AS SUSPENSION POINTS. IF USING LIFTING STRAPS, USE A SPREADER BEAM TO SEPARATE THE STRAPS ABOVE THE STATION WHEN LIFTING.
2. IT IS RECOMMENDED THAT THE EXCAVATION FOR THE PUMP STATION ALLOW A MINIMUM OF THREE FEET OF CLEARANCE ON ALL SIDES TO FACILITATE ACCESS FOR PIPING AND CONDUIT CONNECTIONS, ETC.
3. FOLLOW THE INSTRUCTIONS AND DIMENSIONS GIVEN ON THE INSTALLATION DRAWINGS FOR THE PUMP STATION CONCRETE SUPPORT AND ANCHORING PADS.
4. IF THE PUMP STATION IS STORED FOR ANY LENGTH OF TIME BEFORE INSTALLATION IT MUST BE PROTECTED FROM THE WEATHER, ESPECIALLY AGAINST MOISTURE ENTRY.
5. TO PREVENT LEAKAGE INTO AND FLOODING OF THE PUMP STATION AFTER IT IS SET INTO PLACE, ALL PIPE AND CONDUITS MUST BE CONNECTED AND SEALED. ALL FLANGE NUTS, GATE AND BALL VALVE STEM NUTS, UNIONS, STRAINER COVERS, FILTER BODIES, AIR RELIEF AND DRAIN VALVES, DRAIN PLUGS AND ANY OTHER PIPING SYSTEM POINTS WHICH COULD LEAK WHEN WATER ENTERS THE POOL(S) MUST BE CHECKED AND SEALED. IN THIS STATION WITH A SUMP PUMP, PULL IN AND CONNECT ALL POWER SUPPLIES. TURN ON THE MAIN DISCONNECT AND THE SUMP PUMP/ RECEPTACLE BREAKER(S). ALL OTHER BREAKERS CAN REMAIN OFF. CHECK TO SEE THAT THE WALL RECEPTACLE AND SUMP PUMP HAVE POWER BY INSURING THAT THE PUMP'S POWER CORD IS SECURELY INSTALLED, THEN TEST BY LIFTING AND DROPPING THE FLOAT SWITCH WHICH SHOULD CAUSE THE MOTOR TO TURN ON AND OFF. THE SUMP PUMP MUST HAVE POWER AT ALL TIMES IN ORDER FOR THE WARRANTY TO STAY IN EFFECT. IF THE POWER MUST BE TURNED OFF FOR ANY REASON, THE PUMP STATION MUST BE CONSTANTLY MONITORED TO GUARD AGAINST THE POSSIBILITY OF FLOODING. IN STATIONS WITH GRAVITY-TYPE DRAINS IT IS NOT NECESSARY TO HOOK UP THE POWER SUPPLIES BUT THE FLOOR DRAIN GRATE MUST REMAIN CLEAR, CLEAN AND TIED TO A WASTE LINE FOR GRAVITY DRAINAGE AWAY FROM THE PUMP STATION.
6. THE INSTALLER IS TO CONNECT THE APPROPRIATE PIPES AND CONDUITS AS INDICATED IN THE LEGEND TO THE CORRESPONDING INLETS ON THE PUMP STATION.
7. BEFORE BACKFILLING, INSTALLER IS TO PRESSURE TEST ALL PIPING AND CONDUIT. ALL NON-DRAIN PIPING MUST BE PRESSURE TESTED AT A MAXIMUM PRESSURE OF 50 PSI FOR AT LEAST 15 MINUTES WITH NO PRESSURE DROP. ALL SUCTION STRAINERS AND FILTER BODIES MUST BE ISOLATED FROM THE PRESSURE OF THIS TEST SINCE THEY ARE NOT DESIGNED OR INTENDED FOR HIGH PRESSURE OPERATION AND DAMAGE COULD RESULT. IF OTHER TESTING CRITERIA CONFLICTS WITH THE ABOVE, OBTAIN WRITTEN APPROVAL FROM SAI BEFORE CONDUCTING THE TEST.
8. THE CONDUIT SYSTEM MUST BE WATERTIGHT, ESPECIALLY FROM THE CONTROL PANEL TO THE POOL(S). A PRESSURE TEST AT A MINIMUM OF 5 PSI (MAX. OF 15 PSI, UNLESS CODE DIFFERS) FOR 15 MINUTES WITH NO PRESSURE DROP IS NEEDED. SEAL LEAKS AS NECESSARY.
9. WHEN BACKFILLING AROUND THE PUMP STATION, NO ROCKS LARGER THAN APPROXIMATELY 1" IN DIAMETER ARE TO BE IN THE BACKFILL MATERIAL CONTACTING THE PUMP STATION. HAND TAMP ONLY; DO NOT USE COMPACTING MACHINES. FAILURE TO BACKFILL PROPERLY MAY DAMAGE THE PUMP STATION PIPING AND CONDUITS AND THEIR WATERTIGHT WALL PENETRATION SEALS.
10. THE INTERIOR OF THE PUMP STATION IS CLEANED THOROUGHLY BEFORE SHIPMENT AND THIS CLEANLINESS MUST BE MAINTAINED AT ALL TIMES. ANY TIME THE STATION IS WORKED IN, ALL DEBRIS (WIRE, INSULATION, CIGARETTE BUTTS, DIRT, MUD, ETC.) MUST BE REMOVED DAILY. FAILURE TO DO SO MAY CAUSE CLOGGING OF THE FLOOR DRAIN OR SUMP PUMP, WHICH COULD RESULT IN FLOODING OF THE PUMP STATION.
11. KEEP THE ENTRY HATCH CLOSED AT ALL TIMES WHEN THE PUMP STATION IS UNATTENDED.
12. ANY TIME ONE OF THE ELECTRICAL ENCLOSURES IS OPENED, IT MUST BE CLOSED WITH A TIGHT SEAL BEFORE THE PUMP STATION IS LEFT UNATTENDED.
13. ALWAYS KEEP THE PUMP STRAINER BASKETS IN PLACE AND KEEP THE STRAINER COVERS SECURELY SEALED WHEN THE PUMPS ARE IN OPERATION.
14. DO NOT STORE CHLORINE OR OTHER POTENTIALLY CORROSIVE MATERIALS IN THE PUMP STATION; STORE THEM IN A SEPARATE DRY VENTED AREA.

FRONTVIEW
SCALE: 1"=1'-0"

SIDE VIEW
SCALE: 1"=1'-0"



VENT CAP INSTALLATION
SCALE: 1 1/2"=1'-0"



INSTALLER NOTE:
IN THE EVENT THE POSSIBILITY OF GROUND WATER ACCUMULATION AROUND THE VAULT EXISTS, THIS SCHEMATIC PROVIDES ONE METHOD TO REMOVE IT. ALL MATERIALS, INSTALLATION AND COSTS ARE "BY OTHERS". CONSULT WITH CIVIL ENGINEER PRIOR TO USING THIS METHOD.

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

SAI FOUNTAINS

Wood+Partners Inc. WPi
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843.681.6018 ■ Fax 843.681.7086 ■ www.woodandpartners.com

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

100% CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
BH

CHECKED BY:
TG

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PROFESSIONAL STAMP:

#	REVISION	DATE	BY

DATE
6-17-2016
PROJECT NUMBER
01-16002
SHEET TITLE
4'x6'x7' 970 GALLON WATER STORAGE TANK FOR POND #1

SHEET NUMBER
FM-9

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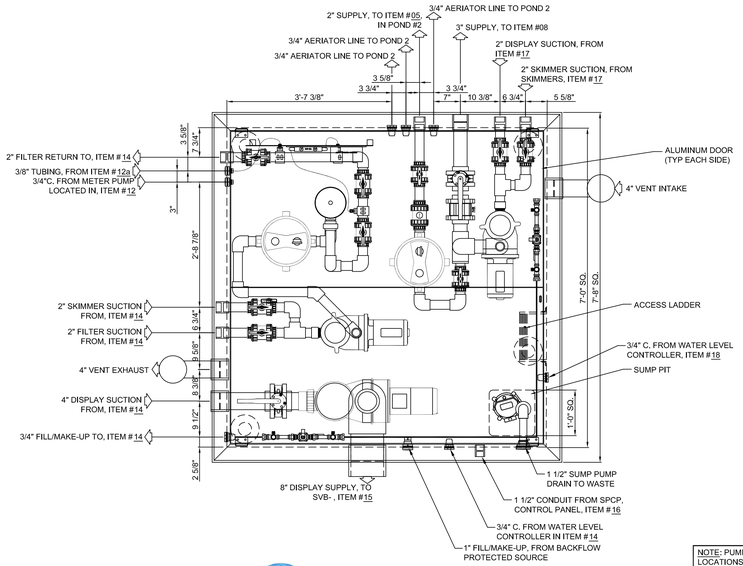
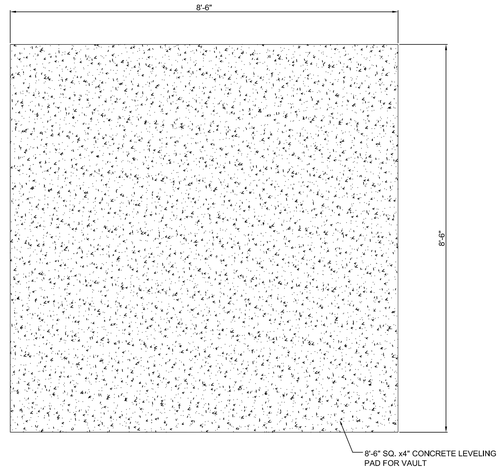


PLAN VIEW
SCALE: 3/4"=1'-0"

NOTE: PUMP STATION IS NOMINALLY WATERTIGHT EXCEPT IN THOSE LOCATIONS WHERE THERE IS A CONTINUOUS HIGH BELOW GRADE WATER LEVEL. THESE SITUATIONS REQUIRE THAT A DRAINAGE PIPE AND GRAVEL DRAIN SYSTEM BE INSTALLED AROUND THE STATION TO CARRY AWAY THIS EXCESSIVE WATER.



CONCRETE LEVELING PAD
SCALE: 3/4"=1'-0"

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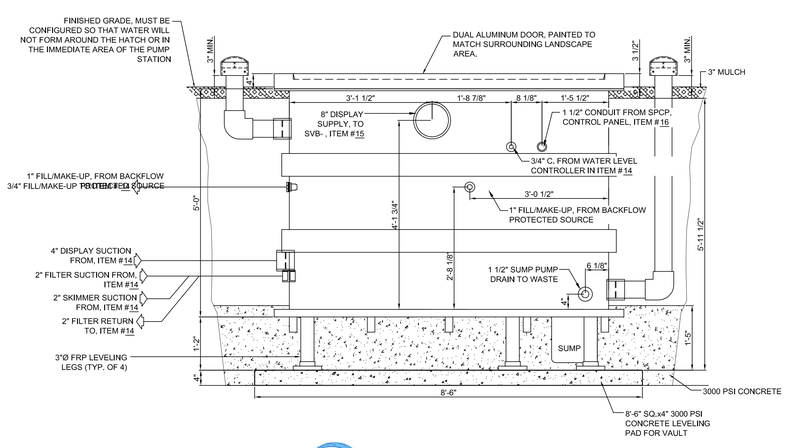
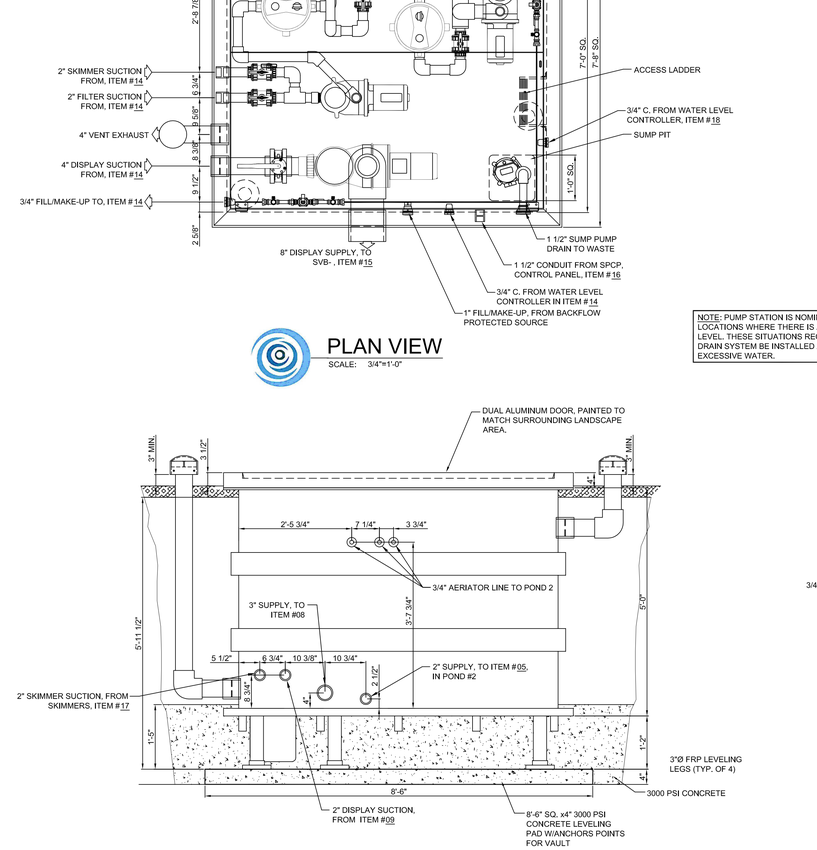
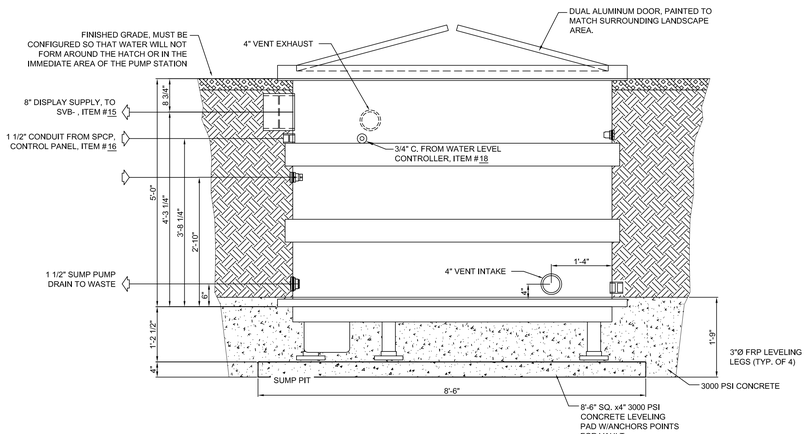
REAR ELEVATION
SCALE: 3/4"=1'-0"



FRONT ELEVATION
SCALE: 3/4"=1'-0"



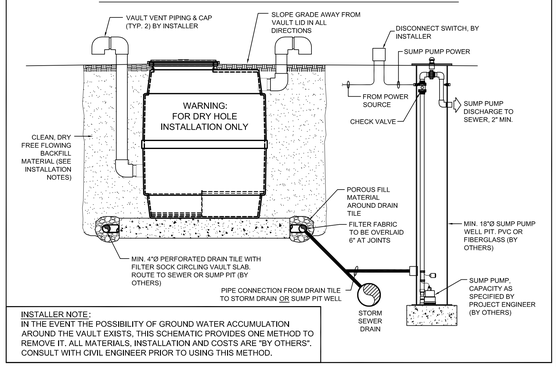
LEFT SIDE ELEVATION
SCALE: 3/4"=1'-0"



RIGHT SIDE ELEVATION
SCALE: 3/4"=1'-0"

VENT CAP INSTALLATION
SCALE: 1 1/2"=1'-0"

DIRECT BURIAL VAULT DEWATERING SYSTEM



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SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

SAI FOUNTAINS

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100% CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: BH
CHECKED BY: TG

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PROFESSIONAL STAMP:

#	REVISION	DATE	BY

DATE
6-17-2016
PROJECT NUMBER
01-16002
SHEET TITLE
7'x7'x5' DIRECT BURIAL PUMP VAULT INSTALLATION DETAILS

SHEET NUMBER
FM-10

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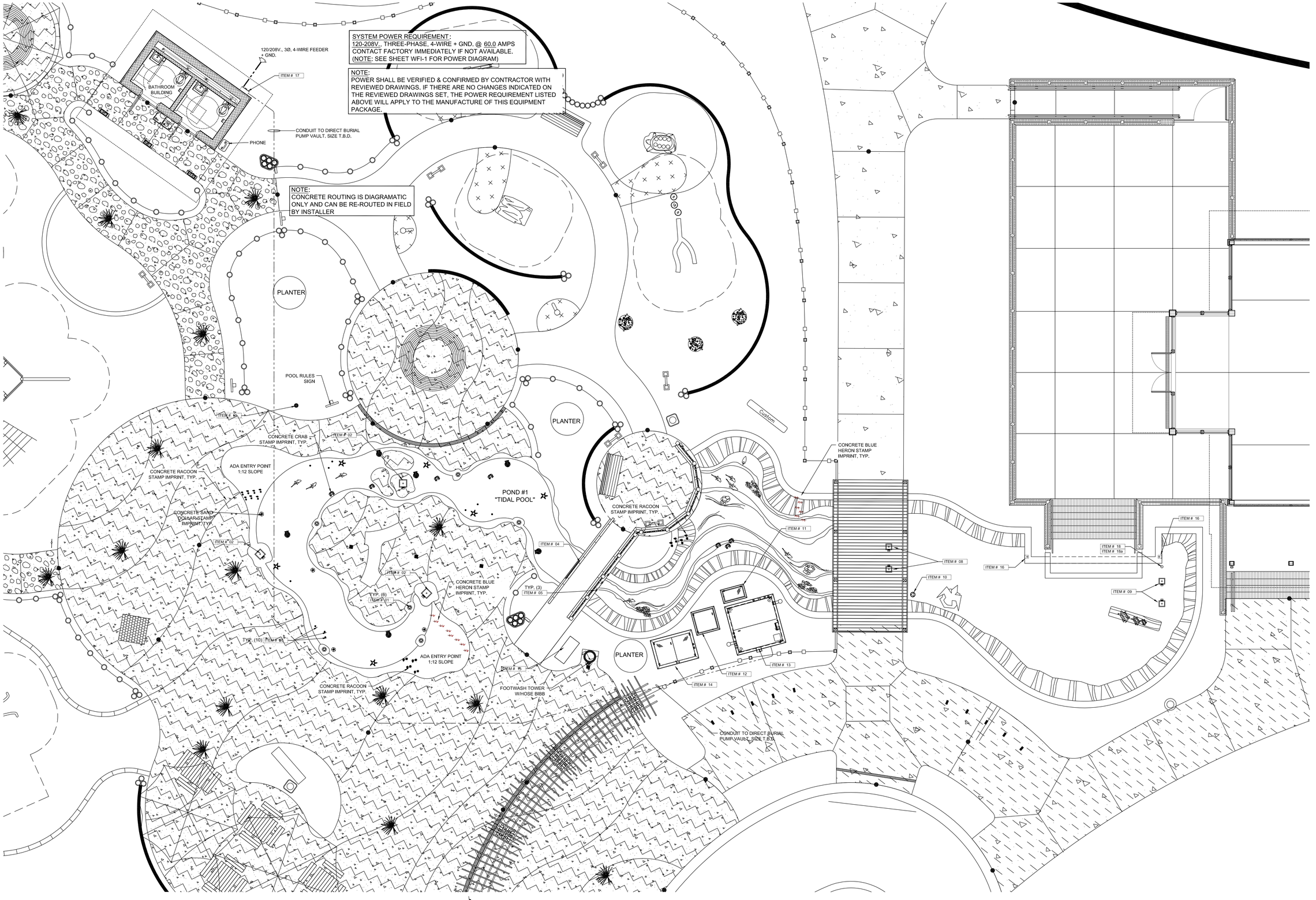

FOUNTAIN ELECTRICAL PLAN

SCALE: 3/16"=1'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

100% CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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FOUNTAIN ELECTRICAL PLAN

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Landscape Architects
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SHEET NUMBER
FE-1

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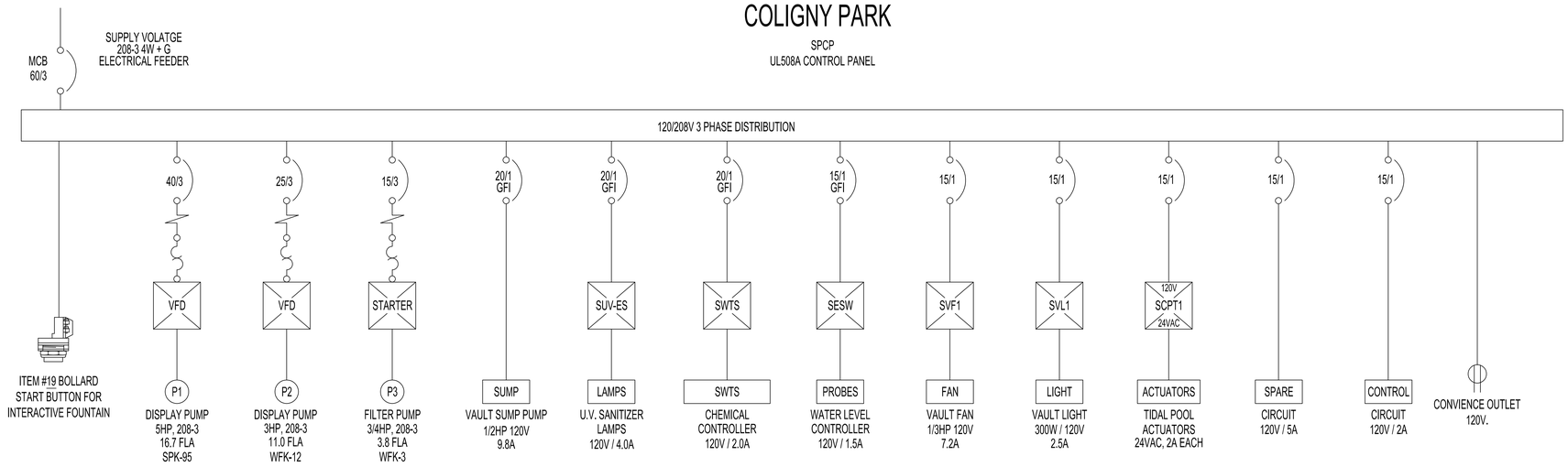
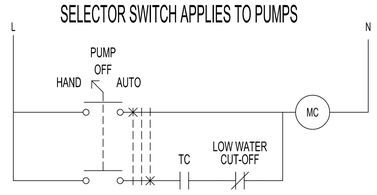
COLIGNY PARK

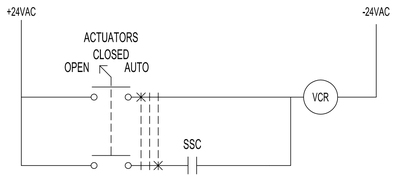
SPCP
UL508A CONTROL PANEL



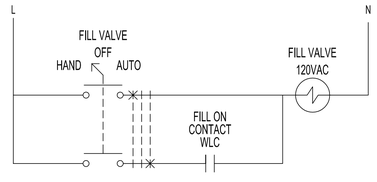
SELECTOR SWITCH CIRCUIT (TYP.3)
SELECTOR SWITCH APPLIES TO PUMPS



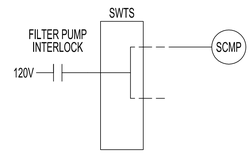
TIDAL POOL ACTUATORS



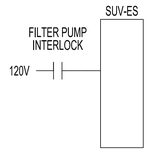
FILL VALVE SELECTOR SWITCH CIRCUIT (TYP. 1)

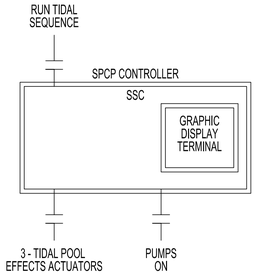


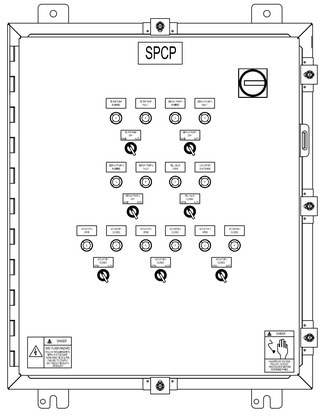
CHEMICAL CONTROL CIRCUIT (TYP. 1)



U.V. CONTROL CIRCUIT (TYP. 1)







120/208v Load & Equipment Schedule

DEVICE	PHASE-A AMPS	PHASE-B AMPS	PHASE-C AMPS	CIRCUIT BREAKER AMPS/POLES
DISPLAY PUMP (5HP)	16.7	16.7	16.7	40/3
DISPLAY PUMP (3HP)	11.0	11.0	11.0	25/3
FILTER PUMP (3/4HP)	3.8	3.8	3.8	15/3
VAULT (SUMP PUMP)	9.8			20/1-GFI
U.V. (SUV-ES-46)		4.0		20/1-GFI
CHEMICALS (SWTS)			2.0	20/1-GFI
LEVEL CONTROLS	1.5			15/1-GFI
VAULT FAN (1/3HP)			7.2	15/1
VAULT LIGHT (300W)		2.5		15/1
24VAC CPT (150vA)			1.25	15/1
SPARE CIRCUIT		5.0		15/1
CONTROL CIRCUIT		2.0		15/1
TOTALS	42.80	45.0	41.95	

16.7 X 1.25 =20.9 + 26.1 = 47.0 AMPS + 7.5 = 52.5 @ 120/208-3

SERVICE ENTRY / MAIN BREAKER (MCB)
60 AMP Minimum, 208-3, 4W + G

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY
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PROJECT NUMBER
01-16002
SHEET TITLE
FOUNTAIN
CONTROL PANEL
WIRING DIAGRAM

SHEET
NUMBER
FE-2

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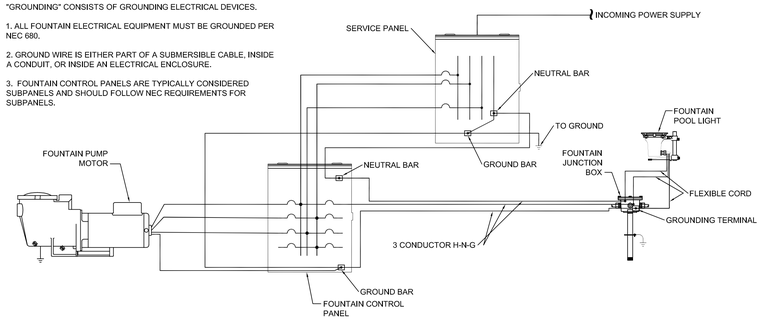
"GROUNDING" CONSISTS OF GROUNDING ELECTRICAL DEVICES.

1. ALL FOUNTAIN ELECTRICAL EQUIPMENT MUST BE GROUNDED PER NEC 680.

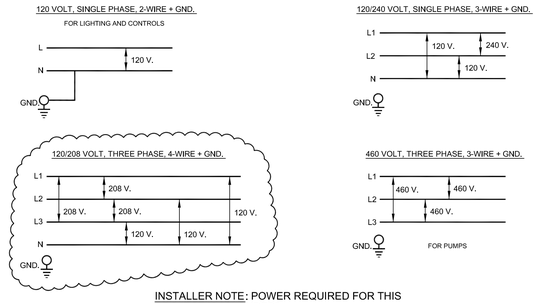
2. GROUND WIRE IS EITHER PART OF A SUBMERSIBLE CABLE, INSIDE A CONDUIT, OR INSIDE AN ELECTRICAL ENCLOSURE.

3. FOUNTAIN CONTROL PANELS ARE TYPICALLY CONSIDERED SUBPANELS AND SHOULD FOLLOW NEC REQUIREMENTS FOR SUBPANELS.



TYPICAL FOUNTAIN "GROUNDING" SCHEMATIC

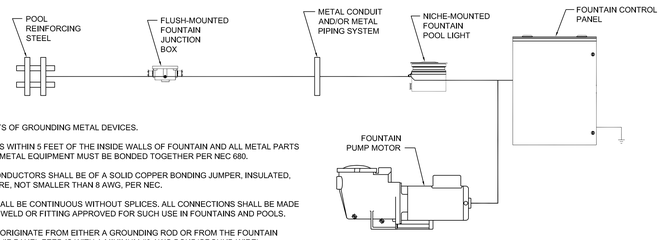
SCALE: NONE



INSTALLER NOTE: POWER REQUIRED FOR THIS PROJECT IS "CLOUDED"

ELECTRICAL POWER SUPPLY OPTIONS

SCALE: NONE



"BONDING" CONSISTS OF GROUNDING METAL DEVICES.

1. ALL METAL PARTS WITHIN 5 FEET OF THE INSIDE WALLS OF FOUNTAIN AND ALL METAL PARTS OF ASSOCIATED METAL EQUIPMENT MUST BE BONDED TOGETHER PER NEC 680.
2. ALL BONDING CONDUCTORS SHALL BE OF A SOLID COPPER BONDING JUMPER, INSULATED, COVERED OR BARE, NOT SMALLER THAN 8 AWG, PER NEC.
3. ALL BONDING SHALL BE CONTINUOUS WITHOUT SPLICES. ALL CONNECTIONS SHALL BE MADE BY EXOTHERMIC WELD OR FITTING APPROVED FOR SUCH USE IN FOUNTAINS AND POOLS.
4. BONDING WIRES ORIGINATE FROM EITHER A GROUNDING ROD OR FROM THE FOUNTAIN CONTROL PANEL (IF PANEL FEED IS WITH A MINIMUM #6 AWG BOND/GROUND WIRE).
5. BONDING WIRES ARE TYPICALLY EXTERNAL FROM CONDUITS BUT COULD ORIGINATE FROM THE FOUNTAIN CONTROL PANEL TO A SUBMERSIBLE JUNCTION BOX, THROUGH A CONDUIT, TO AN INTERNAL BONDING LUG. BUT THEN THE REST OF THE BONDING WIRES SHOULD RUN EXTERNAL BY USE OF JUNCTION BOX EXTERNAL BONDING LUG TO THE POOL REINFORFCING STEEL (REBAR) AND TO OTHER POOL METAL DEVICES SUCH AS NICHE LIGHTS.
6. FOUNTAIN CONTROL PANELS ARE TYPICALLY CONSIDERED SUB-PANELS AND SHOULD FOLLOW NEC REQUIREMENTS FOR SUB-PANELS.

TYPICAL FOUNTAIN "BONDING" SCHEMATIC

SCALE: NONE

RECOMMENDED WIRE COLOR CODE

Color code for conductors for general wiring;
1. Color code conductors insulation as follows:

CONDUCTOR	208-240/120	440-480/277	12-24/AC-DC
Phase A	BLACK (BL)	BROWN (BR)	GRAY (GY), BROWN (BR)
Phase B	RED (RD)	ORANGE (OR)	
Phase C	BLUE (BU)	YELLOW (YL)	
NEUTRAL (COM)	WHITE (WH)		PURPLE (PU), BLUE (BU)
GROUND	GREEN (GRN)	GREEN (GRN)	GREEN (GRN)

2. For conductors #6 AWG or larger, permanent plastic - colored tape may be used to mark conductor insulation. Tape shall cover not less than 2 inches of conductor insulation within enclosure.

CONDUCTOR	DEVICES	LIGHT FIXTURES	SOLENOIDS	PLC-INPUTS	PLC-OUTPUTS
Phase	RED (RD)	BLACK (BL)	BLACK (BL)	YELLOW (YL)	ORANGE (OR); RED (RD)
NEUTRAL (COM)	WHITE (WH)	WHITE (WH)	WHITE (WH)	WHITE (WH)	WHITE (WH)
GROUND	GREEN (GRN)	GREEN (GRN)	GREEN (GRN)	GREEN (GRN)	GREEN (GRN)

EXCERPT FROM 2011 EDITION OF NEC ARTICLE 680 PERTAINING TO DECORATIVE FOUNTAINS

V. Fountains

680.50 General. The provisions of Part I and Part V of this article shall apply to all permanently installed fountains as defined in 680.2. Fountains that have water common to a pool shall additionally comply with the requirements in Part II of this article. Part V does not cover self-contained, portable fountains. Portable fountains shall comply with Parts II and III of Article 422.

680.51 Luminaires, Submersible Pumps, and Other Submersible Equipment.
680.23 (A) Ground-Fault Circuit Interrupter. Luminaires, submersible pumps, and other submersible equipment, unless listed for operation at low voltage contact limit or less and supplied by a transformer or power supply that complies with (A)(2), shall be protected by a ground-fault circuit interrupter.
(B) Operating Voltage. No luminaires shall be installed for operation on supply circuits over 150 volts between conductors. Submersible pumps and other submersible equipment shall operate at 300 volts or less between conductors.
(C) Luminaire Lenses. Luminaires shall be installed with the top of the luminaire lens below the normal water level of the fountain unless listed for above-water locations. A luminaire facing upward shall comply with either (1) or (2):
(1) Have the lens adequately guarded to prevent contact by any person
(2) Be listed for use without a guard
(D) Overheating Protection. Electrical equipment that depends on submersion for safe operation shall be protected against overheating by a low-water cutoff or other approved means when not submerged.
(E) Wiring. Equipment shall be equipped with provisions for threaded conduit entries or be provided with a suitable flexible cord. The maximum length of each exposed cord in the fountain shall be limited to 3.0 m (10 ft). Cords extending beyond the fountain perimeter shall be enclosed in approved wiring enclosures. Metal parts of equipment in contact with water shall be of brass or other approved corrosion-resistant metal.
(F) Servicing. All equipment shall be removable from the water for relamping or normal maintenance. Luminaires shall not be permanently embedded into the fountain structure such that the water level must be reduced or the fountain drained for relamping, maintenance, or inspection.
(G) Stability. Equipment shall be inherently stable or be securely fastened in place.

680.52 Junction Boxes and Other Enclosures.
(A) General. Junction boxes and other enclosures used for other than underwater installation shall comply with 680.24.
(B) Underwater Junction Boxes and Other Underwater Enclosures. Junction boxes and other underwater enclosures shall meet the requirements of 680.52(B)(1) and (B)(2).
(1) Construction.
(a) Underwater enclosures shall be equipped with provisions for threaded conduit entries or compression glands or seals for cord entry.
(b) Underwater enclosures shall be submersible and made of copper, brass, or other approved corrosion-resistant material.
(2) Installation. Underwater enclosure installations shall comply with (a) and (b).
(a) Underwater enclosures shall be filled with an approved potting compound to prevent the entry of moisture.
(b) Underwater enclosures shall be firmly attached to the supports or directly to the fountain surface and bonded as required. Where the junction box is supported only by conduits in accordance with 314.23(E) and (F), the conduits shall be of copper, brass, stainless steel, or other approved corrosion-resistant metal. Where the box is fed by nonmetallic conduit, it shall have additional supports and fasteners of copper, brass, or other approved corrosion-resistant material.

V. Fountains (Cont.)

680.53 Bonding.
All metal piping systems associated with the fountain shall be bonded to the equipment grounding conductor of the branch circuit supplying the fountain.
Informational Note: See 250.122 for sizing of these conductors.

680.54 Grounding.
The following equipment shall be grounded:
(1) Other than listed low-voltage luminaires not requiring grounding, all electrical equipment located within the fountain or within 1.5 m (5 ft) of the inside wall of the fountain
(2) All electrical equipment associated with the recirculating system of the fountain
(3) Panelboards that are not part of the service equipment and that supply any electrical equipment associated with the fountain

680.55 Methods of Grounding.
(A) Applied Provisions. The provisions of 680.21(A), 680.23(B)(3), 680.23(F)(1) and (F)(2), 680.24(F), and 680.25 shall apply.
(B) Supplied by a Flexible Cord. Electrical equipment that is supplied by a flexible cord shall have all exposed non-current-carrying metal parts grounded by an insulated copper equipment grounding conductor that is an integral part of this cord. The equipment grounding conductor shall be connected to an equipment grounding terminal in the supply junction box, transformer enclosure, power supply enclosure, or other enclosure.

680.56 Cord-and-Plug-Connected Equipment.
(A) Ground-Fault Circuit Interrupter. All electrical equipment, including power-supply cords, shall be protected by ground-fault circuit interrupters.
(B) Cord Type. Flexible cord immersed in or exposed to water shall be of a type for extra-hard usage, as designated in Table 400.4, and shall be a listed type with a "W" suffix.
(C) Sealing. The end of the flexible cord jacket and the flexible cord conductor termination within equipment shall be covered with, or encapsulated in, a suitable potting compound to prevent the entry of water into the equipment through the cord or its conductors. In addition, the ground connection within equipment shall be similarly treated to protect such connections from the deteriorating effect of water that may enter into the equipment.
(D) Terminations. Connections with flexible cord shall be permanent, except that grounding-type attachment plugs and receptacles shall be permitted to facilitate removal or disconnection for maintenance, repair, or storage of fixed or stationary equipment not located in any water-containing part of a fountain.

NOTE: For a complete copy of 2011 edition of NEC Article 680 (680.1 through 680.74) please contact:
NFPA
1 Batterymarch Park
Quincy, MA 02169-7471

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

SAI FOUNTAINS

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Landscape Architects
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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

100% CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
BH

CHECKED BY:
TG

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PROFESSIONAL STAMP:

#	REVISION	DATE	BY

DATE
6-17-2016
PROJECT NUMBER
01-16002
SHEET TITLE
TYPICAL ELECTRICAL DETAILS

SHEET NUMBER
FI-1

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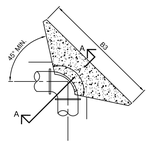
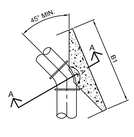
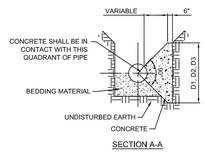


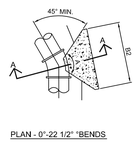
PLAN - 45° 90° BENDS



PLAN - 22 1/2°-45°BENDS



SECTION A-A



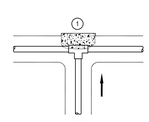
PLAN - 0°-22 1/2° °BENDS

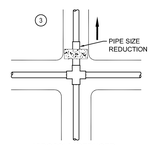
NOTE:
1. SHAPE OF BACK OF BUTTRESS MAY VARY AS LONG AS POUR IS AGAINST FIRM UNDISTURBED EARTH.
2. DIMENSION 'A' SHOULD BE AS LARGE AS POSSIBLE.
3. PLAN FOR 45°-90° BENDS & SECTION A-A SHALL APPLY TO TEES.

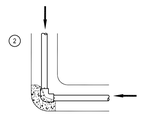
BUTTRESS DIMENSIONS						
PIPE SIZE	22 1/2° BEND		45° BEND		90° BEND	
	B1	D1	B2	D2	B3	D3
4"	1'-5"	1'-5"	1'-5"	1'-5"	2'-1"	1'-6"
6"	1'-5"	1'-5"	1'-5"	1'-5"	2'-1"	1'-6"
8"	1'-5"	1'-5"	2'-1"	1'-6"	2'-8"	2'-0"
10"	1'-8"	1'-8"	2'-11"	1'-10"	4'-0"	2'-4"
12"	1'-10"	1'-10"	3'-4"	2'-0"	4'-9"	2'-6"
16"	3'-0"	2'-0"	3'-10"	3'-0"	6'-2"	3'-6"
18"	3'-3"	2'-4"	4'-6"	3'-4"	7'-0"	4'-0"
20"	3'-6"	2'-8"	5'-6"	3'-4"	8'-4"	4'-0"
24"	4'-4"	3'-0"	6'-10"	3'-10"	9'-8"	5'-0"

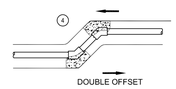
PROVIDE AT BURIED WATER SERVICE PIPING BENDS

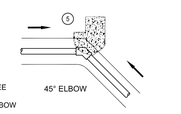
WATER HAMMER:
FOUNTAIN PIPING SYSTEMS SHOULD BE DESIGNED AND CONSTRUCTED TO AVOID EXCESSIVE WATER HAMMER. WATER HAMMER CAN CAUSE DAMAGE AND FAILURE TO PIPES, VALVES AND FITTINGS WITHIN THE PIPING SYSTEM.
THIS IS A GENERAL GUIDELINE ONLY. CONTACT PROJECT ENGINEER FOR ACTUAL THRUST BLOCKING SPECIFICATIONS AND INSTRUCTIONS FOR THIS PROJECT.











1, THRU LINE CONNECTION, TEE
2, DIRECTION CHANGE, 90° ELBOW
3, CROSS AND REDUCER
4, DIRECTION CHANGE-OFFSET
5, DIRECTION CHANGE-45° ELBOW

INDICATES FLOW DIRECTION

THRUST BLOCKING:
WATER UNDER PRESSURE EXERTS THRUST FORCES IN PIPING SYSTEMS. THRUST BLOCKING SHOULD BE PROVIDED, AS NECESSARY AND REQUIRED BY PROJECT ENGINEER, TO PREVENT MOVEMENT OF PIPE OR APPURTENANCES IN RESPONSE TO THRUST. THRUST BLOCKING IS RECOMMENDED WHEREVER THE PIPELINE:

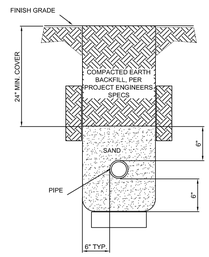
* CHANGES DIRECTION (E.G., TEES, BENDS, ELBOWS, AND CROSSES)
* CHANGES SIZE AT REDUCERS/INCREASERS/BUSHINGS
* STOPS AS IT DEAD ENDS

SIZE AND TYPE OF THRUST BLOCKING DEPENDS ON:

* MAXIMUM SYSTEM PRESSURE
* PIPE SIZE & PIPE MATERIAL (PVC, COPPER, STEEL, ETC.)
* APPURTENANCE SIZE
* TYPE OF FITTINGS OR METHODS USED TO CONNECT/JOIN PIPING
* LINE PROFILE (HORIZONTAL OR VERTICAL BENDS)
* SOIL TYPE

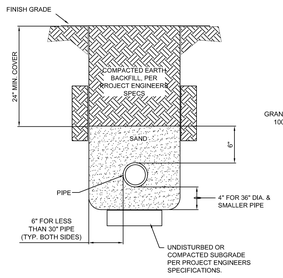
TYPICAL "THRUST BLOCKING" FOR FOUNTAIN SYSTEM PIPING

SCALE: None



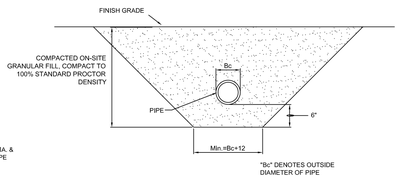
3" & SMALLER PIPE-TRENCH DETAIL

SCALE: None



4" & LARGER PIPE-TRENCH DETAIL

SCALE: None



ALTERNATE PIPE-TRENCH DETAIL

SCALE: None

PIPING INSTALLATION NOTE:
ALL PIPING RELATED TO THE INSTALLATION OF THE FOUNTAIN SYSTEM(S) SHALL BE INSTALLED IN PARALLEL RUNS WITH ADEQUATE SPACE AND PROPER SUPPORT AND BACKFILL OVER, UNDER AND BETWEEN PIPE RUNS. PIPING SHALL NOT CRISS-CROSS AND SHALL NOT BE BUNDLED OR STACKED TOGETHER, OR MAKE CONTACT WITH ADJACENT PIPING. ELECTRICAL CONDUITS SHALL NOT BE RUN IN SAME TRENCH AS FOUNTAIN PIPING. PROJECT CIVIL ENGINEER IS RESPONSIBLE FOR, AND SHALL HAVE FINAL AUTHORITY OVER ALL PIPE INSTALLATION MEANS METHODS AND PRACTICES, INCLUDING PROPER BURIAL DEPTHS FOR THE PROJECT LOCATION.

TYPICAL "TRENCH & BACKFILL" FOR FOUNTAIN SYSTEM PIPING

SCALE: None

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY, LLC. FILE 1-2545.dwg, DATED NOVEMBER 11, 2015

SAI FOUNTAINS

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

100% CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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#	REVISION	DATE	BY

DATE
6-17-2016
PROJECT NUMBER
01-16002
SHEET TITLE
TYPICAL PIPING AND PENETRATION DETAILS

SHEET NUMBER
FI-2

C:\Clients\Southern Aquatics\Projects\Coligny Park\Coligny Park WF (6-30-16).dwg, Wednesday, June 29, 2016, Printed By: Home

BUILDING CODE INFORMATION:

BASED ON THE INTERNATIONAL BUILDING CODE 2012 EDITION (IBC 2012)

	OCCUPANCY CLASSIFICATION	SQFT ENCLOSED	SQFT COVERED	TOTAL SQFT	ALLOWED SQFT	ACTUAL HEIGHT	ALLOWED HEIGHT	CONSTRUCTION TYPE	SPRINKLERED
CHILDREN'S MUSEUM	A-3	4,016	2,236	6,252	12,000*	29' - 2 /12"	40'	V-B	YES
PAVILION	U	1,070	3,565	4,635	5,500	28' - 5"	40'	V-B	NO
RESTROOM	U	1,062	1,850	2,912	5,500	27' - 7"	40'	V-B	NO
POOL RESTROOM	U	170	130	300	5,500	12' - 8"	40'	V-B	NO
POND PAVILION ^	U	0	400	400	5,500	17' - 1"	40'	V-B	NO

*200 PERCENT INCREASE PER IBC 2012 506.3 FOR SPRINKLERING
^ UNINHABITABLE STRUCTURE

TABLE 601

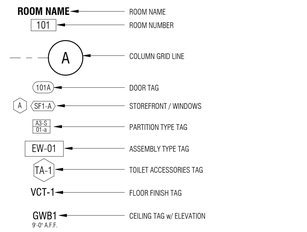
FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

	TYPE V
BUILDING ELEMENT	**B**
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS	
EXTERIOR	0
INTERIOR	0
NONBEARING WALLS AND PARTITIONS	
EXTERIOR	0
NONBEARING WALLS AND PARTITIONS	
INTERIOR	0
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBER	0
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0

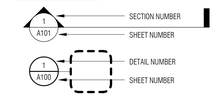
ABBREVIATIONS:

&	AND
@	AT
A.F.F.	ABOVE FINISH FLOOR
ACT	ACOUSTICAL CEILING TILE
AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AWI	AMERICAN WOOD INSTITUTE
CFMF	COLD FORMED METAL FRAMING
CJ	CONTROL JOINT
CL	CENTERLINE
CONC	CONCRETE
CPT	CARPET
DIA	DIAMETER
DS	DOWNSPOUT
EA	EACH
EF	EACH FACE
EIFS	EXTERIOR INSULATION FINISH SYSTEMS
EJ	EXPANSION JOINT
EQ	EQUAL
EWC	ELECTRICAL WATER COOLER
EXST	EXISTING
F.O.	FACE OF
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FLU	FLUOROPOLYMER FINISH
GA	GAUGE
GWB	GYPSUM WALL BOARD
HGT	HEIGHT
HVAC	HEATING VENTILATION AIR CONDITIONING
MATL	MATERIAL
MAX	MAXIMUM
MFG	MANUFACTURER
MIN	MINIMUM
MTL	METAL
NIC	NOT IN CONTRACT
NO	NUMBER
O.C.	ON CENTER
OD	OVERFLOW DRAIN
OH	OPPOSITE HAND
PT	PAINT
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
SIM	SIMILAR
SPNK	SPRINKLERED
T.O.	TOP OF
TBD	TO BE DETERMINED
TEMP	TEMPORARY
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VCT	VINYL COMPOSITE TILE
w/	WITH
WD	WOOD

SYMBOLS:



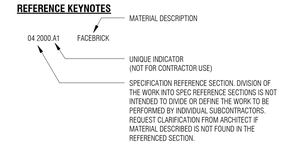
SECTIONS / DETAILS



ELEVATIONS - BUILDING

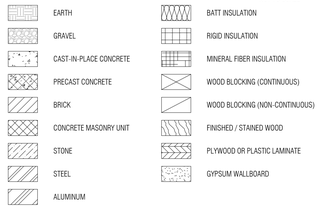
ELEVATIONS - INTERIOR

REFERENCE KEYNOTES



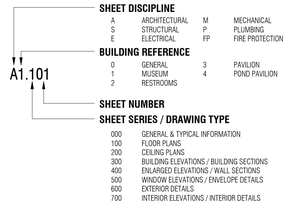
DETAIL CUT PATTERNS:

NOT TO SCALE



NOTE:
THIS MATERIAL PATTERN LEGEND IS PROVIDED AS A GENERAL GRAPHIC REFERENCE ONLY. REFER TO MATERIAL NOTES AND LEGENDS FOR ACTUAL MATERIAL DESIGNATIONS. PATTERNS PROVIDED ON FINISH PLANS, CEILING PLANS, OR ANY OTHER DRAWING HAVING ITS OWN KEYED NOTATION AND GRAPHIC LEGEND WILL SUPERCEDE THIS LEGEND.

SHEET NUMBERING LEGEND:



Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MPN

CHECKED BY:
EMB

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. VALDEZ
COLUMBIA, SC
12995
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
GENERAL INFORMATION

WTS
WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER
A0.000

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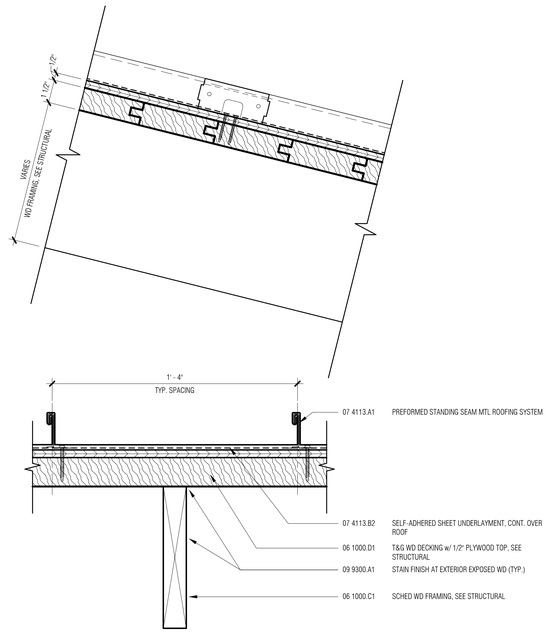
ASSEMBLY TYPE LEGEND:

EW-01 — **TYPE** SEE DESCRIPTION THIS SHEET

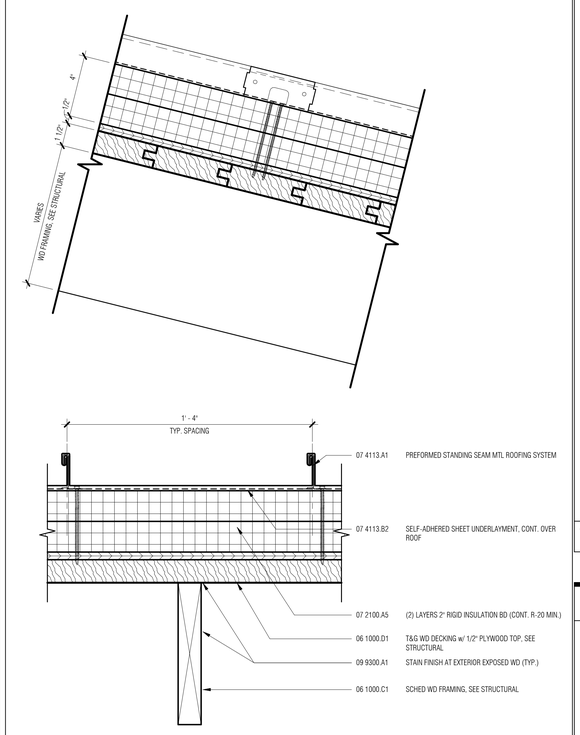
CATEGORY
EW EXTERIOR WALLS
RF ROOFS

RF-02 PREFORMED STANDING SEAM MTL ROOF SYSTEM OVER T&G WD DECKING & PLYWOOD



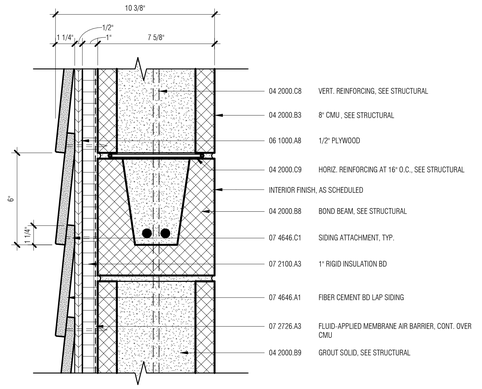
TYP. ASSEMBLY DETAIL - RF-02 SCALE: 3"=1'-0"

RF-01 PREFORMED STANDING SEAM MTL ROOF SYSTEM OVER RIGID INSULATION BOARD & T&G WD DECKING



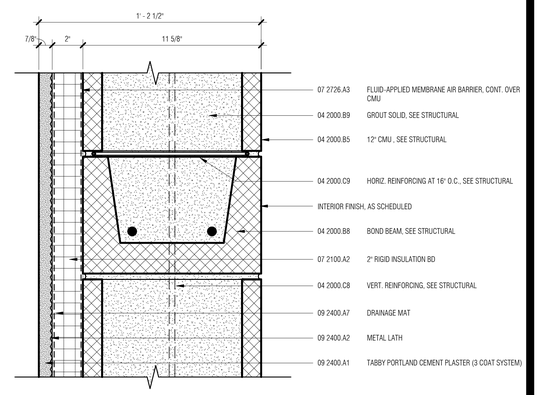
TYP. ASSEMBLY DETAIL - RF-01 SCALE: 3"=1'-0"

EW-05 8" CMU w/ FIBER CEMENT BOARD SIDING



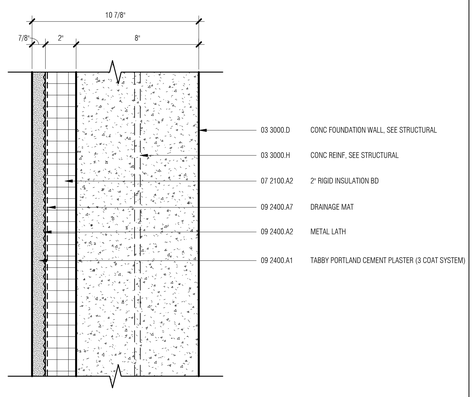
TYP. ASSEMBLY DETAIL - EW-05 SCALE: 3"=1'-0"

EW-04 12" CMU w/ STUCCO



TYP. ASSEMBLY DETAIL - EW-04 SCALE: 3"=1'-0"

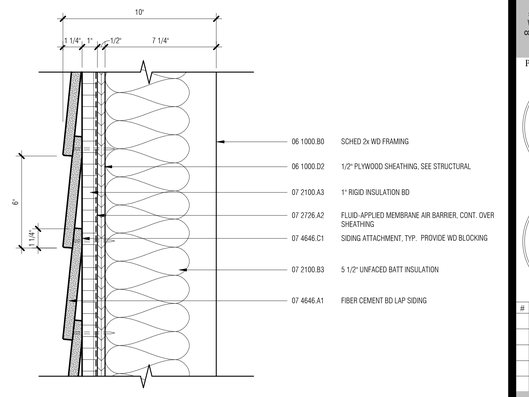
EW-02 8" CONCRETE w/ STUCCO



TYP. ASSEMBLY DETAIL - EW-02 SCALE: 3"=1'-0"

EW-01 WD STUD FRAMING w/ FIBER CEMENT BD LAP SIDING

NOTE:
EW-01A 2x8 WD FRAMING
EW-01B 2x6 WD FRAMING
EW-01C 2x4 WD FRAMING



TYP. ASSEMBLY DETAIL - EW-01 SCALE: 3"=1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MPN
CHECKED BY: EMB

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA — WATSON TATE SAVORY, INC. — COLUMBIA, SC — ARF.100837 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — EUGENE M. KELLY — COLUMBIA, SC — 7295 — REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
ASSEMBLY TYPE SCHEDULE

SHEET NUMBER
A0.001

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6518 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

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PARTITION NOTES:

1. DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS SHALL ESTABLISH LOCATION OF ALL PARTITIONS. LARGER SCALE DRAWINGS HAVE PRIORITY OVER SMALLER SCALE DRAWINGS. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IN THE DRAWINGS BEFORE PROCEEDING WITH CONSTRUCTION.
2. GYP BD IS 5/8 INCH TYPE 'X' FIRE RATED GYP BD, TYPICAL.
3. DRYWALL PARTITION CONTROL JOINTS ARE REQUIRED AT APPROXIMATELY 30'-0" O.C. FOR STRAIGHT AND CONTINUOUS WALLS, AT OPENING LOCATIONS, OR AS NOTED OTHERWISE ON DRAWINGS. WHERE NOT SPECIFICALLY INDICATED ON THE DRAWINGS SUBMIT CONTRACTOR'S PROPOSED CONTROL JOINT LOCATIONS TO ARCHITECT FOR APPROVAL.
4. DO NOT PLACE MECHANICAL AND/OR ELECTRICAL DEVICES BACK TO BACK IN SOUND BARRIER PARTITIONS. ALL DEVICES TO BE PLACED IN SEPARATE STUD SPACES WITH 8" O.C. MIN. SEPARATION.
5. DUCT PENETRATIONS THROUGH SOUND BARRIER PARTITIONS TO RECIEVE PERIMETER SOUND SEAL BETWEEN DUCT AND WALL FRAMING ON BOTH SIDES OF GYPSUM WALLBOARD LAYER MEETING DUCT SURFACES.
6. OUTER LAYER OF ALL INTERIOR GYP. BD. PARTITIONS ADJACENT OR EXPOSED TO HUMID CONDITIONS SHALL BE CONSTRUCTED WITH WATER RESISTANT GYP. BD. OR EQUAL AS THE SUBSTRATE. PREPARE SUBSTRATE TO RECEIVE SCHEDULED CERAMIC OR STONE TILE. WATER RESISTANT WALL PANELS OR HIGH PERFORMANCE PAINT FINISHES. HUMID SPACES INCLUDE BUT ARE NOT LIMITED TO TOILET ROOM WALLS, KITCHEN WALLS AND WALLS ADJACENT TO WATER FEATURES. USE GLASS MAT TILE BACKING PANELS AT ALL WALLS IN DIRECT CONTACT WITH WATER, FOR EXAMPLE, SHOWERS, STEAM ROOMS, ETC. U.N.O
7. FINISH ALL EXPOSED GYP BD CONSTRUCTION. ALL GYP BD CONSTRUCTION SHALL BE TAPED AND FLOATED. ALL EXPOSED CONSTRUCTION WILL BE SANDED SMOOTH TO REMOVE ALL INDICATION OF THE JOINT WITH A VISUAL INSPECTION AND PREPARED TO RECEIVE THE APPROPRIATE SCHEDULED WALL FINISH. FINISH SHALL BE IN ACCORDANCE WITH THE ROOM FINISH SCHEDULE AND/OR FINISH LEVELS NOTED IN THE GYPSUM BOARD SPECIFICATION SECTION 092900.
8. PARTITIONS ARE DIMENSIONED TO FACE OF GYP BD, FACE OF MASONRY AND TO FACE OF EXISTING CONSTRUCTION. ANY INTERIOR PARTITIONS DIMENSIONED TO FACE OF STUD ARE NOTED - "FOS" (FACE OF STUD).
9. PERIMETER DIMENSIONS ARE TO FACE OF WALL BELOW SILL U.O.N.
10. PROVIDE BLOCKING AS SHOWN OR AS REQUIRED FOR ATTACHMENT OF WALL MOUNTED HARDWARE, TOILET ACCESSORIES, CASEWORK, MILLWORK, FINISH CARPENTRY ETC. AS MAY BE REQUIRED FOR THE SECURE ATTACHMENT OF ADJOINING WORK.

INSULATION:

S SOUND BARRIER PARTITIONS ARE NOTED AS SUFFIX "S" AT SOUND BARRIER PARTITIONS. PROVIDE SOUND ATTENUATION BLANKET. FILL VOIDS BETWEEN STUDS & STRUCTURE w/ SOUND ATTENUATION BLANKET & SEAL PERIMETER. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION & REQUIREMENTS.

HEIGHT CONDITIONS:

a PARTITION TO EXTEND TO UNDERSIDE OF STRUCTURE ABOVE (FIRE RATED, NON-RATED, SHEAR WALL & SOUND BARRIER PARTITION ASSEMBLIES AS SCHEDULED)

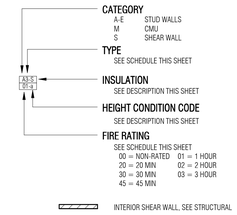
b CMU PARTITION TO EXTEND TO 13'-7" AFF. SEE STRUCTURAL FOR BOND BEAM & REINFORCING INFORMATION

c CMU PARTITION TO EXTEND TO 9'-4" AFF. SEE STRUCTURAL FOR BOND BEAM & REINFORCING INFORMATION

d CMU PARTITION TO EXTEND TO 11'-4" AFF. SEE STRUCTURAL FOR BOND BEAM & REINFORCING INFORMATION

e CMU PARTITION TO EXTEND TO 6'-8" AFF. SEE STRUCTURAL FOR BOND BEAM & REINFORCING INFORMATION

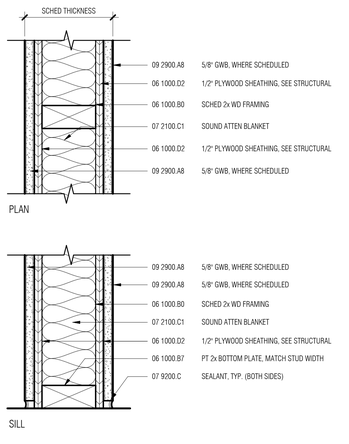
PARTITION TYPE LEGEND:



S — ONE LAYER OF GYPSUM WALL BOARD & 1/2" PLYWOOD APPLIED TO EACH SIDE OF WOOD STUDS

CONSTRUCTION:	S4	S6	S8				
STUD SIZE	2x4	2x6	2x8				
GWB THICKNESS	5/8"	5/8"	5/8"				
PLYWOOD THICKNESS	1/2"	1/2"	1/2"				
PARTITION THICKNESS (T)	5 3/4"	7 3/4"	9 1/2"				
ACOUSTICAL:							TYP S - SEE INSULATION NOTES
NO INSULATION (STC)							
INSULATION (STC)							
TESTING NO. (USG)							
FIRE RATING:							N/A
TEST NUMBER (UL DES)							

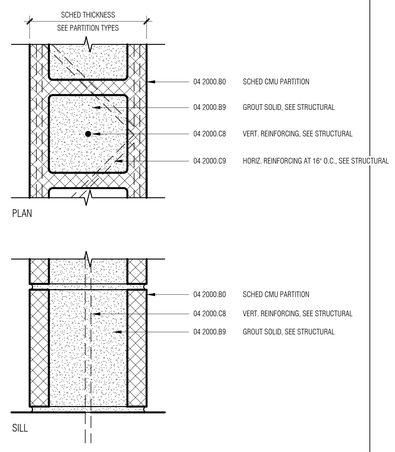
INTERIOR SHEAR WALL - SEE STRUCTURAL



TYP. PARTITION DETAIL - S — SCALE: 3"=1'-0"

M — ONE LAYER OF GYPSUM WALL BOARD APPLIED TO EACH SIDE OF WOOD STUDS

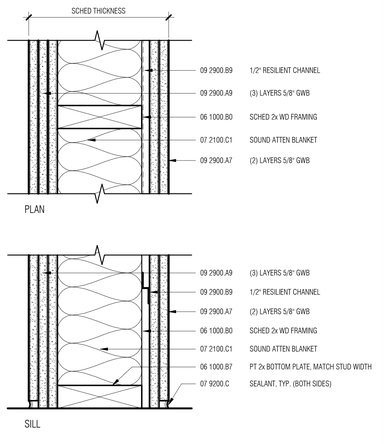
CONSTRUCTION:	M4	M6	M8	M10	M12		
PARTITION THICKNESS	3 5/8"	5 5/8"	7 5/8"	9 5/8"	11 5/8"		
ACOUSTICAL:							TYP S - SEE INSULATION NOTES
NO INSULATION (STC)							
INSULATION (STC)							
TESTING NO. (USG)							
FIRE RATING:							N/A
TEST NUMBER (UL DES)							



TYP. PARTITION DETAIL - M — SCALE: 3"=1'-0"

C — THREE LAYERS OF GYPSUM WALL BOARD APPLIED TO ONE SIDE OF WOOD STUDS & TWO LAYERS OF GYPSUM WALL BOARD & RESILIENT CHANNEL APPLIED TO OPPOSITE SIDE

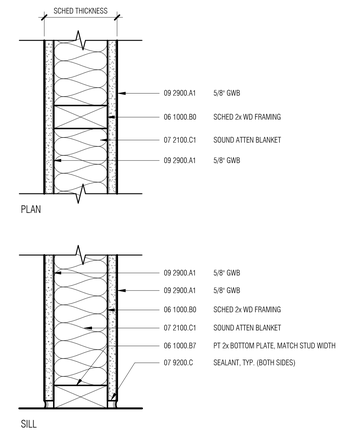
CONSTRUCTION:	C4	C6	C8				
STUD SIZE	2x4	2x6	2x8				
GWB THICKNESS	5/8"	5/8"	5/8"				
PARTITION THICKNESS (T)	7 1/8"	9 1/8"	10 7/8"				
ACOUSTICAL:							TYP S - SEE INSULATION NOTES
NO INSULATION (STC)							
INSULATION (STC)							
TESTING NO. (USG)							
FIRE RATING:							N/A
TEST NUMBER (UL DES)							



TYP. PARTITION DETAIL - C — SCALE: 3"=1'-0"

A — ONE LAYER OF GYPSUM WALL BOARD APPLIED TO EACH SIDE OF WOOD STUDS

CONSTRUCTION:	A4	A6	A8				
STUD SIZE	2x4	2x6	2x8				
GWB THICKNESS	5/8"	5/8"	5/8"				
PARTITION THICKNESS (T)	4 3/4"	6 3/4"	8 1/2"				
ACOUSTICAL:							TYP S - SEE INSULATION NOTES
NO INSULATION (STC)							
INSULATION (STC)							
TESTING NO. (USG)							
FIRE RATING:							N/A
TEST NUMBER (UL DES)							



TYP. PARTITION DETAIL - A — SCALE: 3"=1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MPN
CHECKED BY: EMB

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA — WATSON TATE SAVORY, INC. COLUMBIA, SC ARF.100837 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — EUGENE M. TATE — COLUMBIA, SC — 7295 — REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
PARTITION TYPE SCHEDULE

SHEET NUMBER
A0.002

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7066 ■ www.woodandpartners.com

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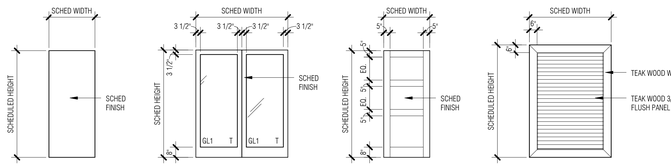
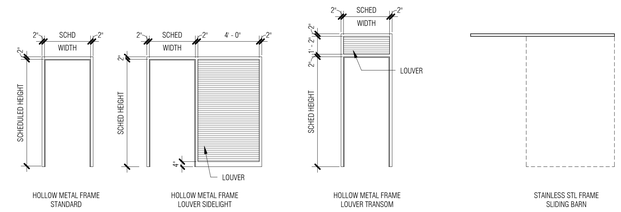
DOOR SCHEDULE

MARK	DIMENSIONS WIDTH	DIMENSIONS HEIGHT	DIMENSIONS THICKNESS	FIRE RATING	PANEL TYPE	PANEL MATL	PANEL FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HDWR SET	REMARKS
101A	6' - 0"	7' - 0"	0' - 1 3/4"	---	P02	WD	CLAD	SEE ELEV	WD	CLAD	3/A1.501	4/A1.501	2/A1.501	01	
101B	3' - 0"	7' - 0"	0' - 1 3/4"	---	P01	HM	PT	F01	HM	PT	H3	J3	S1	02	
101C	6' - 0"	7' - 0"	0' - 1 3/4"	---	P02	WD	CLAD	SEE ELEV	WD	CLAD	3/A1.501	4/A1.501	2/A1.501	01	
101D	3' - 0"	7' - 0"	0' - 1 3/4"	---	P03	WD	ST	F01	HM	CLAD	H3	J3	S1	03	
101E	4' - 0"	3' - 6"	0' - 2"	---	---	---	---	---	---	---	---	---	---	07	EXTERIOR SECURITY GATE IN RAILING SYSTEM
102	3' - 0"	7' - 0"	0' - 1 3/4"	---	P01	HM	PT	F01	HM	PT	H2	J2	S2	04	
103	3' - 0"	7' - 0"	0' - 1 3/4"	---	P01	HM	PT	F01	HM	PT	H3	J3	S1	05	
104	3' - 0"	7' - 0"	0' - 1 3/4"	---	P01	HM	PT	F02	HM	PT	H3	J3	S1	07	
201	3' - 0"	7' - 2"	0' - 1 3/4"	--	P01	HM	PT	F01	HM	PT	H4	J4	S3	08	
202	3' - 0"	7' - 2"	0' - 1 3/4"	--	P01	HM	PT	F01	HM	PT	H4	J4	S3	08	
203	3' - 0"	7' - 2"	0' - 1 3/4"	--	P01	HM	PT	F03	HM	PT	H4	J4	S4	09	
204	3' - 0"	7' - 2"	0' - 1 3/4"	--	P01	HM	PT	F01	HM	PT	H4	J4	S4	10	
205	3' - 0"	7' - 2"	0' - 1 3/4"	--	P01	HM	PT	F01	HM	PT	H4	J4	S4	11	
206	3' - 0"	7' - 2"	0' - 1 3/4"	--	P01	HM	PT	F03	HM	PT	H4	J4	S3	12	
207	3' - 0"	7' - 2"	0' - 1 3/4"	--	P01	HM	PT	F03	HM	PT	H4	J4	S4	09	
301A	3' - 8"	7' - 2"	0' - 1 3/4"	---	P01	HM	PT	F01	HM	PT	H4	J4	S5	13	
301B	3' - 8"	7' - 2"	0' - 1 3/4"	---	P01	HM	PT	F01	HM	PT	H4	J4	S5	13	
301C	5' - 4"	7' - 4"	0' - 2 1/4"	---	P04	IPE	ST	F04	SST	---	H5	J5		15	
302A	5' - 4"	7' - 4"	0' - 2 1/4"	---	P04	IPE	ST	F04	SST	---	H5	J5		15	
302B	3' - 8"	7' - 2"	0' - 1 3/4"	---	P01	HM	PT	F01	HM	PT	H4	J4	S5	13	
303	3' - 8"	7' - 2"	0' - 1 3/4"	---	P01	HM	PT	F01	HM	PT	H4	J4	S5	14	
401	3' - 0"	7' - 2"	0' - 1 3/4"	--	P01	HM	PT	F01	HM	PT	H4	J4	S3	12	
402	3' - 0"	7' - 2"	0' - 1 3/4"	--	P01	HM	PT	F01	HM	PT	H4	J4	S3	12	

DOOR PANEL TYPE ELEVATIONS:



DOOR FRAME TYPE ELEVATIONS:

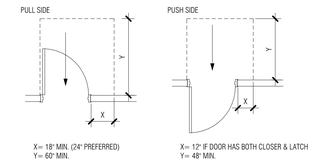


ABBREVIATIONS:

WD	WOOD
HM	HOLLOW METAL
ST	STAIN
PT	PAINT
SST	STAINLESS STL

DOOR CONFIGURATION LEGEND:

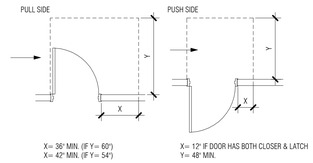
FRONT APPROACH



X= 18" MIN. (24" PREFERRED)
Y= 60" MIN.

X= 12" IF DOOR HAS BOTH CLOSER & LATCH
Y= 48" MIN.

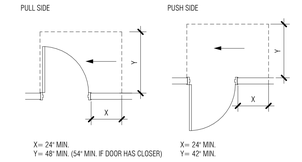
HINGE SIDE APPROACH



X= 36" MIN. (IF Y= 60")
X= 42" MIN. (IF Y= 54")

X= 12" IF DOOR HAS BOTH CLOSER & LATCH
Y= 48" MIN.

LATCH SIDE APPROACH



X= 24" MIN.
Y= 48" MIN. (54" MIN. IF DOOR HAS CLOSER)

X= 24" MIN.
Y= 42" MIN.

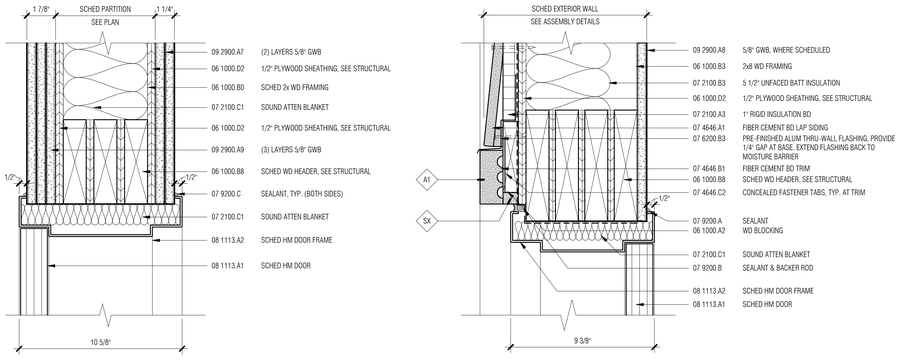
NOTES:

ERECT ALL DOOR FRAMES & ADJACENT WALLS TO CONFORM TO THE APPLICABLE PLAN CONFIGURATION. NOTIFY ARCHITECT OF AN CONFLICTS PRIOR TO INSTALLATION.

ALL DOORS SHALL COMPLY WITH THE CLEARANCES FOR APPROACHES INDICATED.

GLAZING TYPE LEGEND:

GL1 - CLEAR
1 5/16" LOW E INSULATED HURRICANE IMPACT RATED
TEMPERED, WHERE SHOWN

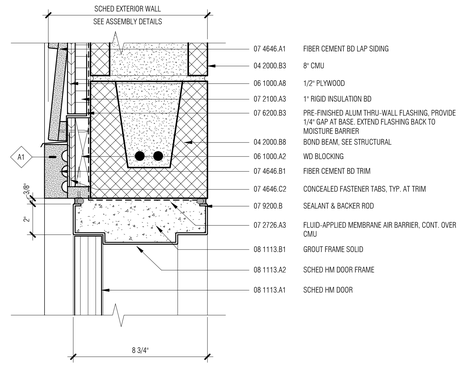


H2 TYP. HEAD DETAIL - INT. SHEAR WALL

3" = 1'-0"

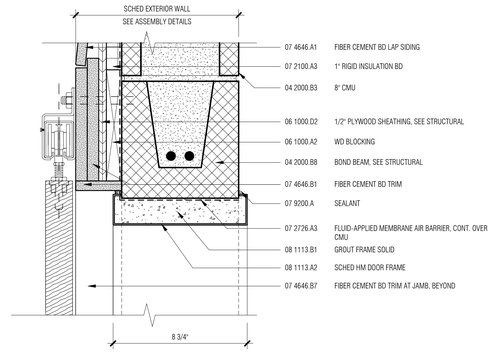
H3 TYP. HEAD DETAIL - EXT. MUSEUM

3" = 1'-0"



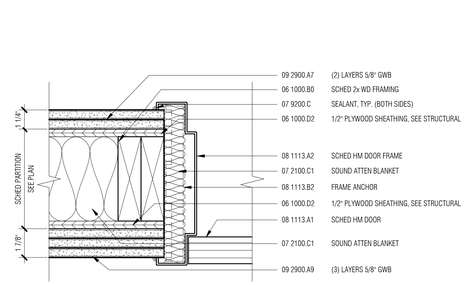
H4 TYP. HEAD DETAIL - EXT. RESTROOM/PAVILION

3" = 1'-0"



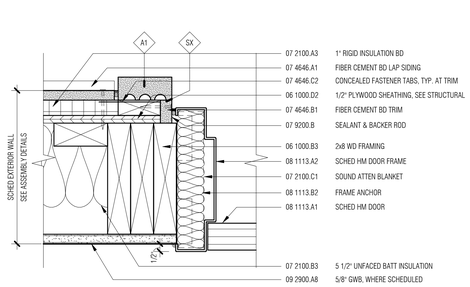
H5 HEAD DETAIL - EXT. PAVILION SLIDING DOOR

3" = 1'-0"



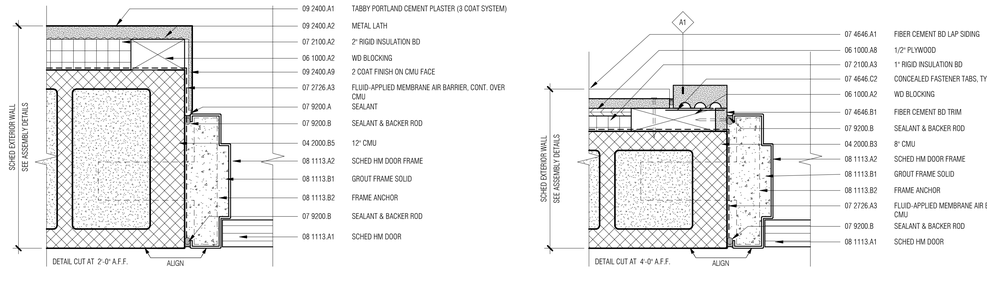
J2 TYP. JAMB DETAIL - INT. SHEAR WALL

3" = 1'-0"



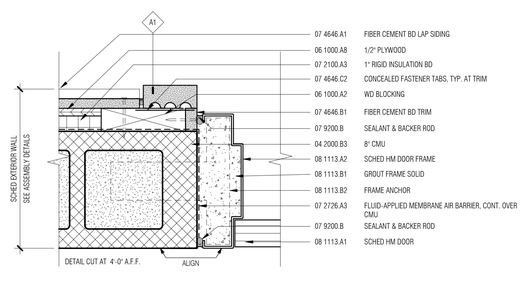
J3 TYP. JAMB DETAIL - EXT. MUSEUM

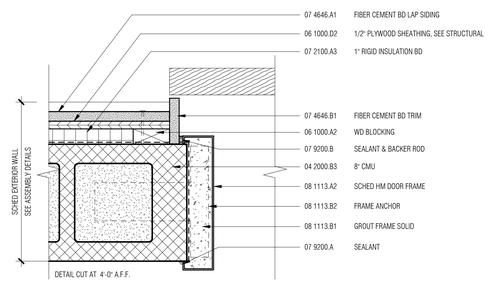
3" = 1'-0"



J4 TYP. JAMB DETAIL - EXT. RESTROOM/PAVILION

3" = 1'-0"





J5 TYP. JAMB DETAIL - EXT. PAVILION SLIDING DOOR

3" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MPN

CHECKED BY: EMB

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. TATE
COLUMBIA, SC
12396
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
DOOR SCHEDULE & DETAILS

SHEET NUMBER
A0.003

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WPi
Landscape Architects
Land Planners

PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

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FINISH SCHEDULE

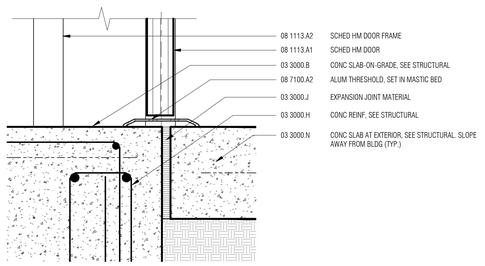
ROOM		FINISHES		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		
NO.	NAME	FLOOR	BASE	MATL.	FINISH	MATL.	FINISH	MATL.	FINISH	MATL.	FINISH	MATL.	FINISH	REMARKS
101	MUSEUM	CONC	---	---	---	---	---	---	---	---	---	OTS	---	FINISH NOTE 1
102	FIRE RISER	CONC	RB1	GWB	PT	GWB	PT	GWB	PT	GWB	PT	OTS	---	
103	ELEC	CONC	RB1	GWB	PT	GWB	PT	GWB	PT	GWB	PT	OTS	---	
104	MECH	CONC	RB1	GWB	PT	GWB	PT	GWB	PT	GWB	PT	OTS	---	
201	MEN'S	CFT1	CWT1	CWT1	---	CWT1	---	CWT1	---	CWT1	---	OTS	---	
202	WOMEN'S	CFT1	CWT1	CWT1	---	CWT1	---	CWT1	---	CWT1	---	OTS	---	
203	STORAGE	SEAL	RB1	CMU	PT	CMU	PT	CMU	PT	CMU	PT	FCB1	PT	
204	IT	SEAL	RB1	CMU	PT	CMU	PT	CMU	PT	CMU	PT	FCB1	PT	
205	JANITOR	SEAL	RB1	CMU	PT	CMU	PT	CMU	PT	CMU	PT	FCB1	PT	
206	FAMILY	CFT1	CWT1	CWT1	---	CWT1	---	CWT1	---	CWT1	---	FCB1	PT	
207	STORAGE	SEAL	RB1	CMU	PT	CMU	PT	CMU	PT	CMU	PT	FCB1	PT	
301	STORAGE	SEAL	RB1	CMU	PT	CMU	PT	CMU	PT	CMU	PT	OTS	---	
302	STORAGE	SEAL	RB1	CMU	PT	CMU	PT	CMU	PT	CMU	PT	OTS	---	
303	IT/ELEC	SEAL	RB1	CMU	PT	CMU	PT	CMU	PT	CMU	PT	OTS	---	
401	WOMEN'S	CFT1	CWT1	CWT1	---	CWT1	---	CWT1	---	CWT1	---	OTS	---	
402	MEN'S	CFT1	CWT1	CWT1	---	CWT1	---	CWT1	---	CWT1	---	OTS	-	

ABBREVIATIONS:

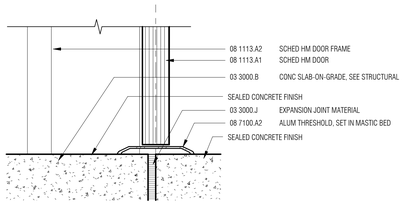
CONC	CONCRETE
SEAL	SEALED CONCRETE
CFT	CERAMIC FLOOR TILE
RB	RESILIENT BASE
CWT	CERAMIC WALL TILE
GWB	GYPSUM WALL BOARD
CMU	CONCRETE MASONRY UNIT
PT	PAINT
FCB	FIBER CEMENT BOARD
OTS	OPEN TO STRUCTURE

FINISH NOTES:

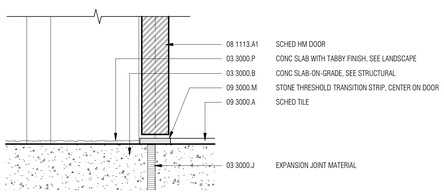
1. MUSEUM INTERIOR TO REMAIN UNFINISHED. INTERIOR EXPOSED STL CROSS BRACING TO BE TOUCHED UP w/ ORIGINAL PRIMER.
2. EXPOSED CMU ABOVE CERAMIC TILE IN RESTROOMS TO RECEIVE PAINT FINISH.
3. ALL INTERIOR EXPOSED CONDUIT, PIPING, DUCTWORK, ETC. TO RECEIVE PAINT FINISH.
4. AT ALL BUILDINGS, EXCEPT THE MUSEUM, WALL INTERIOR EXPOSED WOOD TO RECEIVE STAIN FINISH.



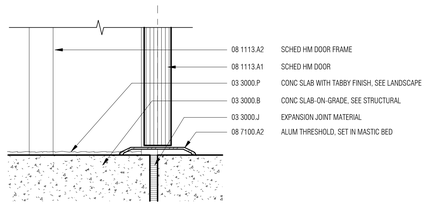
S1 SILL DETAIL - EXTERIOR
3" = 1'-0"



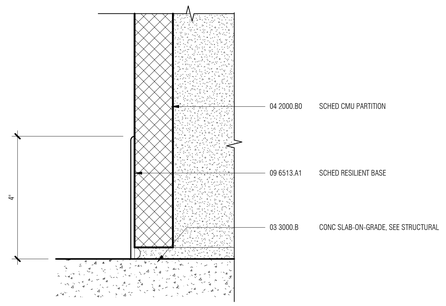
S5 SILL DETAIL - SEAL CONC TO SEAL CONC
3" = 1'-0"



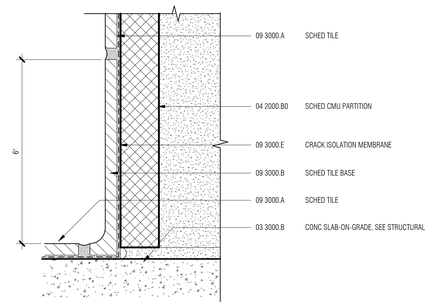
S3 SILL DETAIL - TILE TO TABBY CONC
3" = 1'-0"



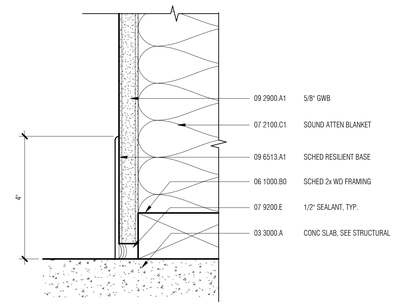
S4 SILL DETAIL -SEAL CONC TO TABBY CONC
3" = 1'-0"



2 / A0.004 TYP. BASE DETAIL - RESILIENT AT CMU
6" = 1'-0"



2 / A0.004 TYP. BASE DETAIL - TILE
6" = 1'-0"



1 / A0.004 TYP. BASE DETAIL - RESILIENT AT GWB
6" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MPN
CHECKED BY: EMB

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STATE OF SOUTH CAROLINA — WATSON TATE SAVORY, INC. — COLUMBIA, SC — ARF.100837 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — EUGENE M. REECE — COLUMBIA, SC — 17295 — REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
FINISH SCHEDULE & DETAILS

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6518 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

SHEET NUMBER
A0.004

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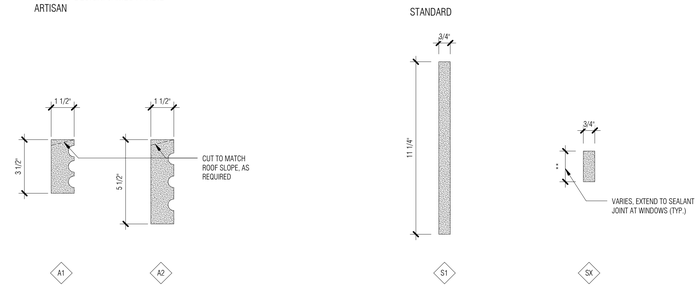
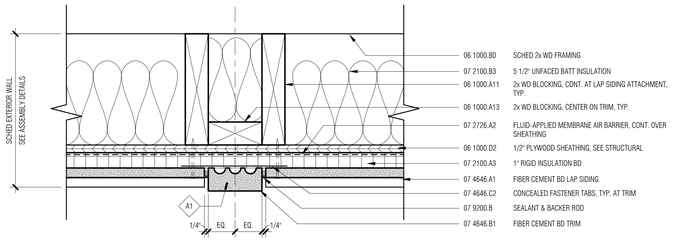
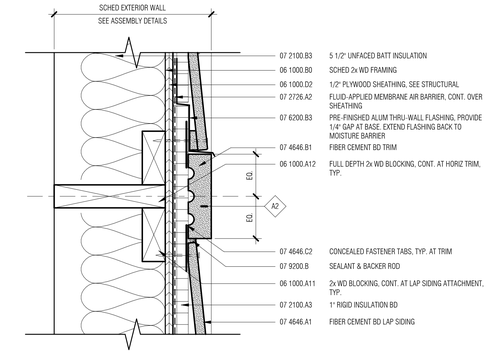
FIBER CEMENT BD TRIM PROFILES:

BASIS-OF-DESIGN: JAMES HARDIE
ARTISAN

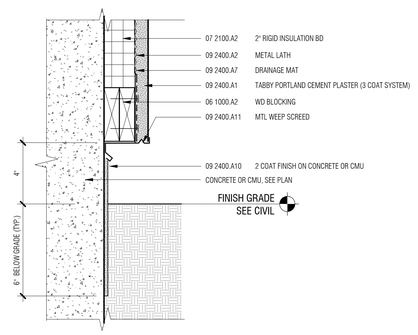




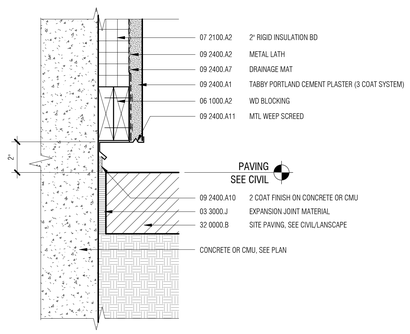
2 A0.005 TYP. DETAIL - FIBER CEMENT BD TRIM
3" = 1'-0"



1 A0.005 TYP. DETAIL - FIBER CEMENT BD TRIM
3" = 1'-0"



3 A0.005 TYP. EXTERIOR DETAIL - STUCCO AT GRADE
3" = 1'-0"



4 A0.005 TYP. EXTERIOR DETAIL - STUCCO AT PAVING
3" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
Author

CHECKED BY:
Checker

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE W. TATE
COLUMBIA, SC
12295
6/30/2016
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
TYPICAL EXTERIOR DETAILS

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
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843.681.6618 ▮ Fax 843.681.7068 ▮ www.woodandpartners.com

SHEET NUMBER
A0.005

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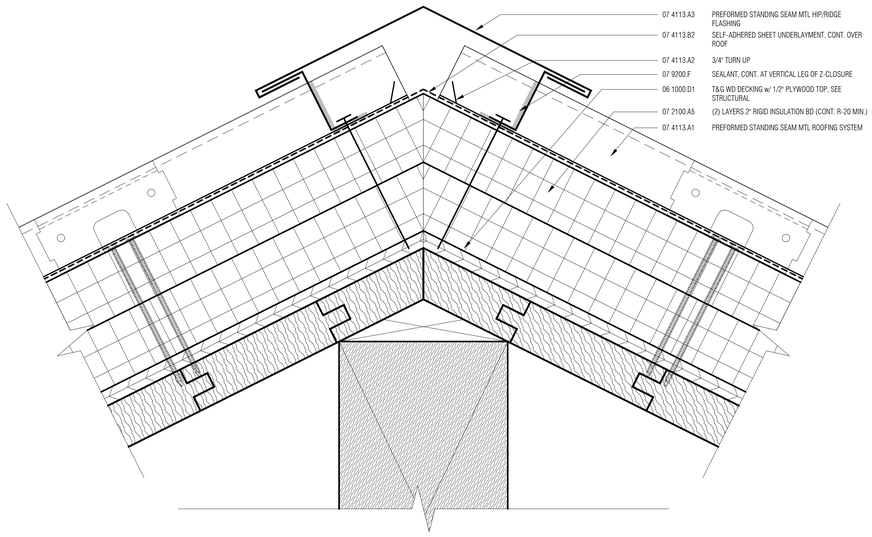
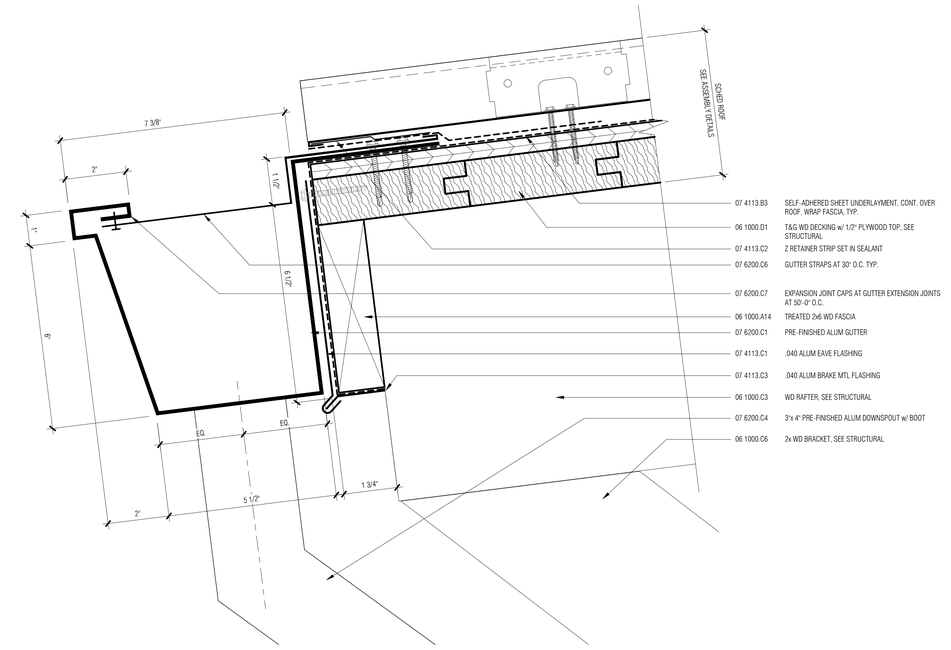
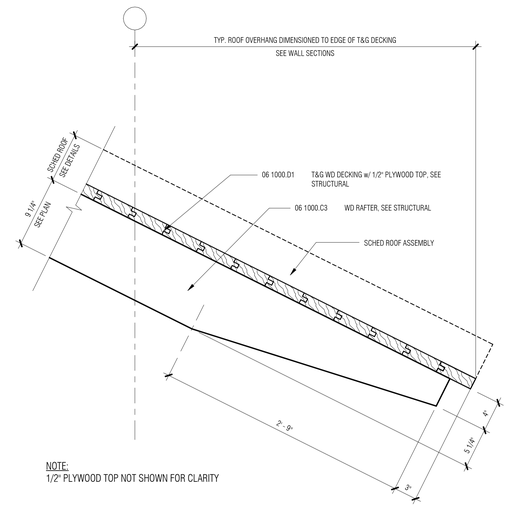


1 A0.006 TYP. ROOF DETAIL - RIDGE
6" = 1'-0"

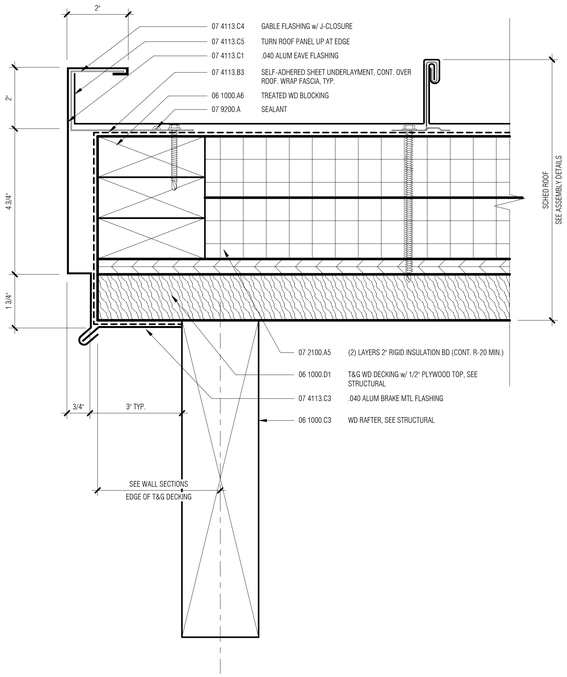


4 A0.006 ROOF DETAIL - GUTTER
6" = 1'-0"

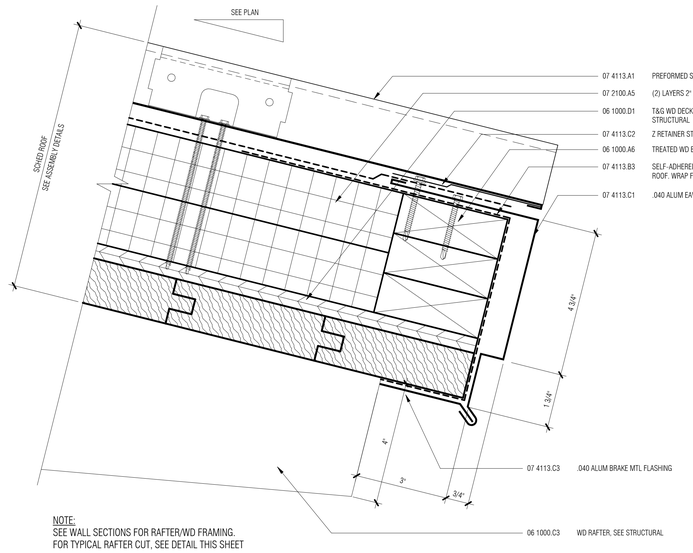


NOTE:
1/2" PLYWOOD TOP NOT SHOWN FOR CLARITY

3 A0.006 TYP. ROOF DETAIL - RAFTER CUT
1 1/2" = 1'-0"



2 A0.006 ROOF DETAIL - ROOF EDGE
6" = 1'-0"



NOTE:
SEE WALL SECTIONS FOR RAFTER/WD FRAMING.
FOR TYPICAL RAFTER CUT, SEE DETAIL THIS SHEET

1 A0.006 TYP. ROOF DETAIL - EDGE (LOW)
6" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
Author
CHECKED BY:
Checker

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STATE OF SOUTH CAROLINA
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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WEEKS
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
TYPICAL ROOF DETAILS

SHEET NUMBER
A0.006

WTS WATSON TATE SAVORY
WTS Project No. 1406
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Land Planners
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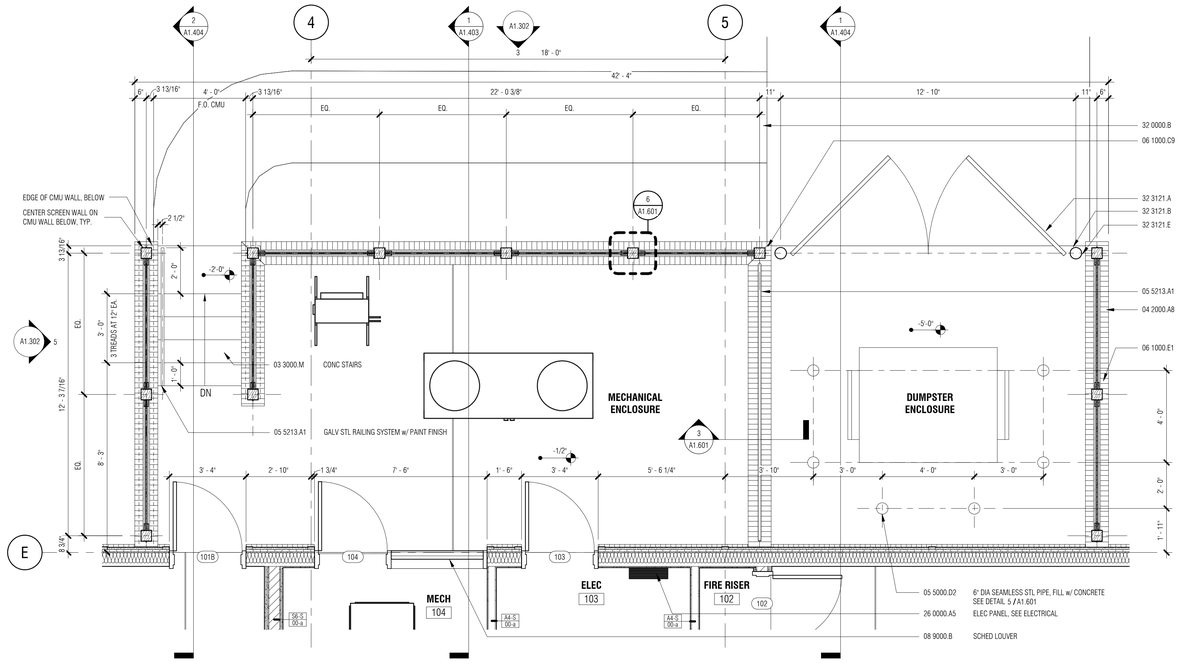
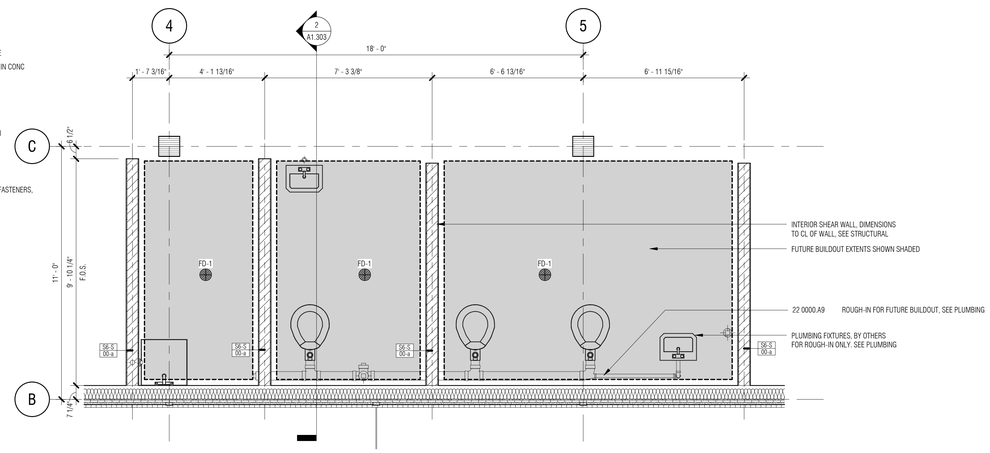
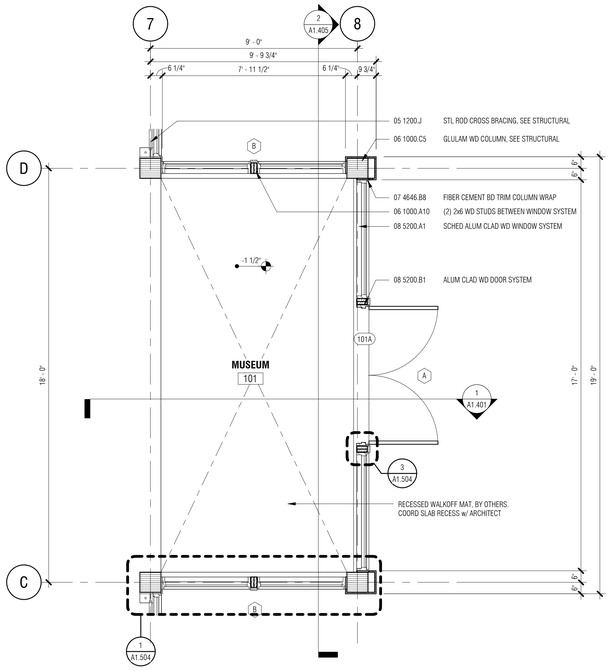


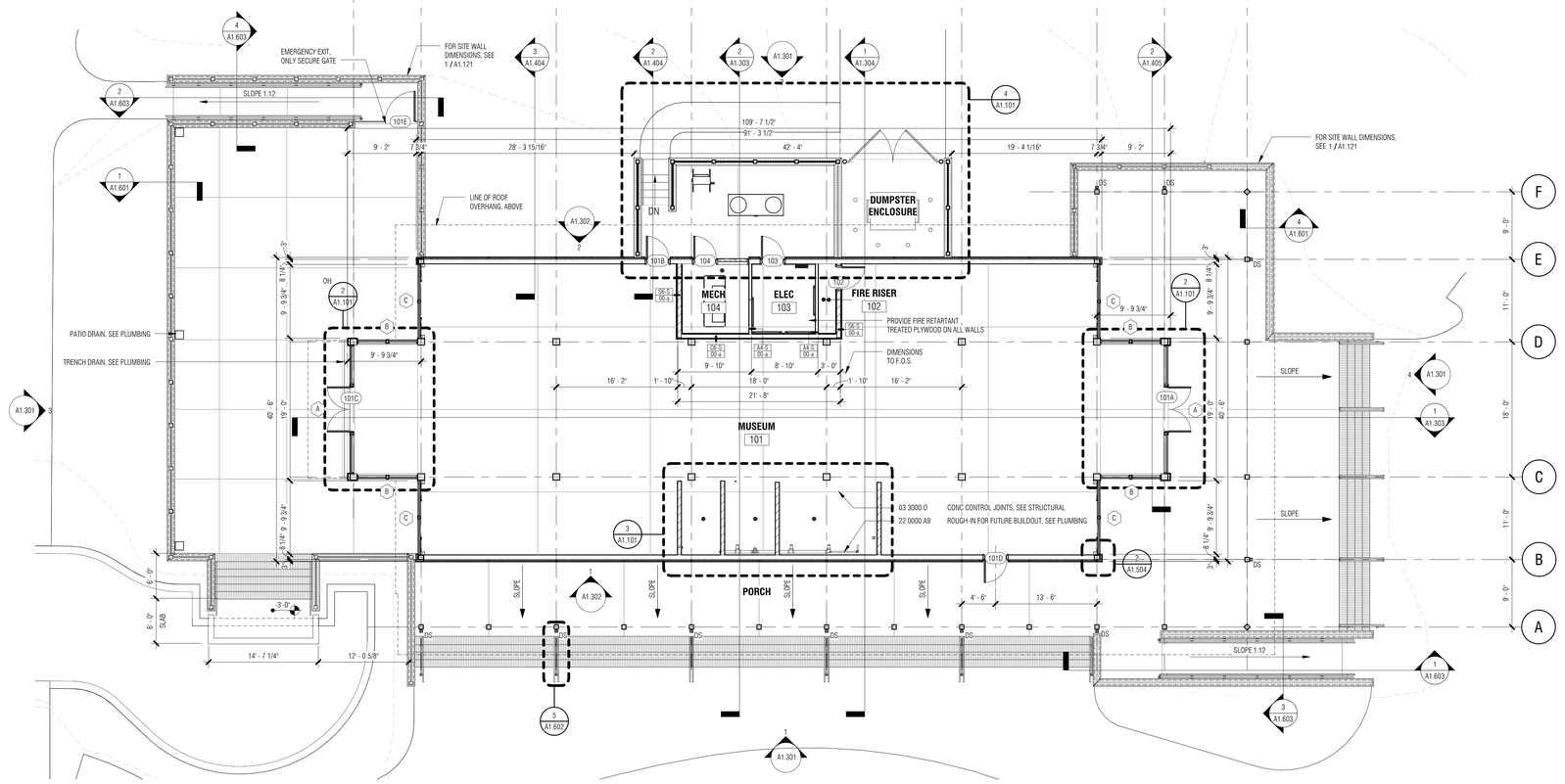
4 A1.101 ENLARGED FLOOR PLAN
3/8" = 1'-0"



3 A1.101 ENLARGED PLAN - FUTURE TOILETS (BY OTHERS)
3/8" = 1'-0"



2 A1.101 ENLARGED PLAN - FIRST FLOOR ENTRANCE
3/8" = 1'-0"



1 A1.101 FIRST FLOOR PLAN
1/8" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
MPN

CHECKED BY:
EMB

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. BARTLETT
COLUMBIA, SC
12795
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
FLOOR PLANS

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER
A1.101

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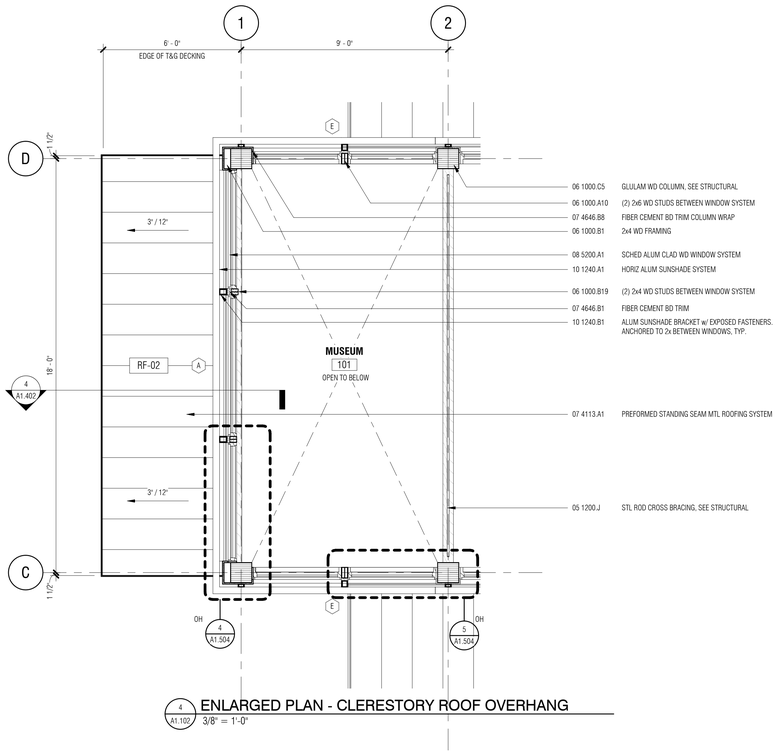
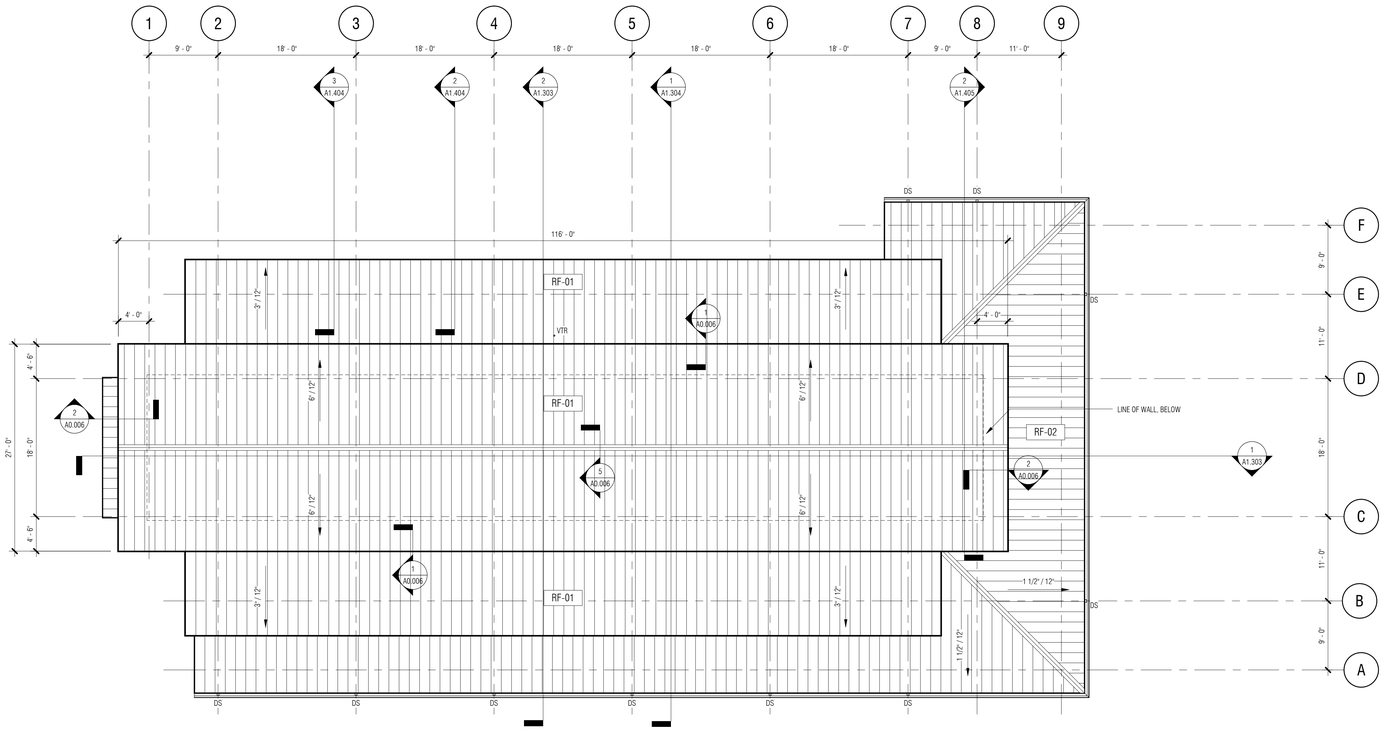
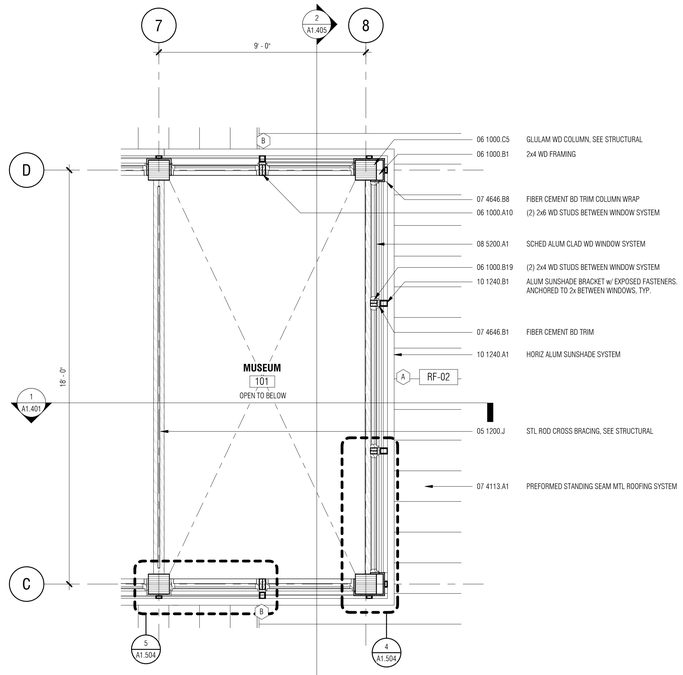


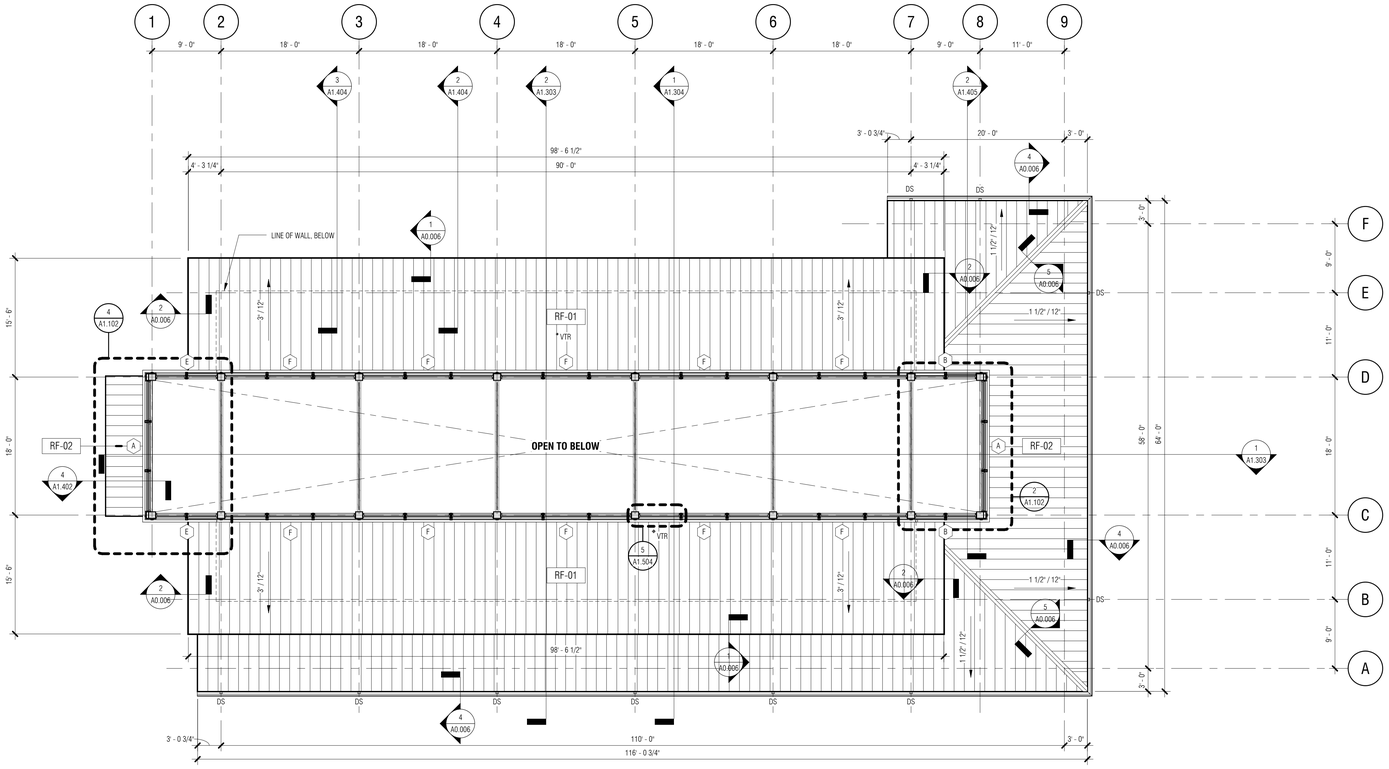
4 A1.102 ENLARGED PLAN - CLERESTORY ROOF OVERHANG
3/8" = 1'-0"



3 A1.102 ROOF PLAN
1/8" = 1'-0"



2 A1.102 ENLARGED PLAN - CLERESTORY ABOVE ENTRY
3/8" = 1'-0"



1 A1.102 FLOOR PLAN - CLERESTORY
1/8" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MPN
CHECKED BY: EMB

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STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. BECK
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
ROOF PLANS

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6518 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

SHEET NUMBER
A1.102

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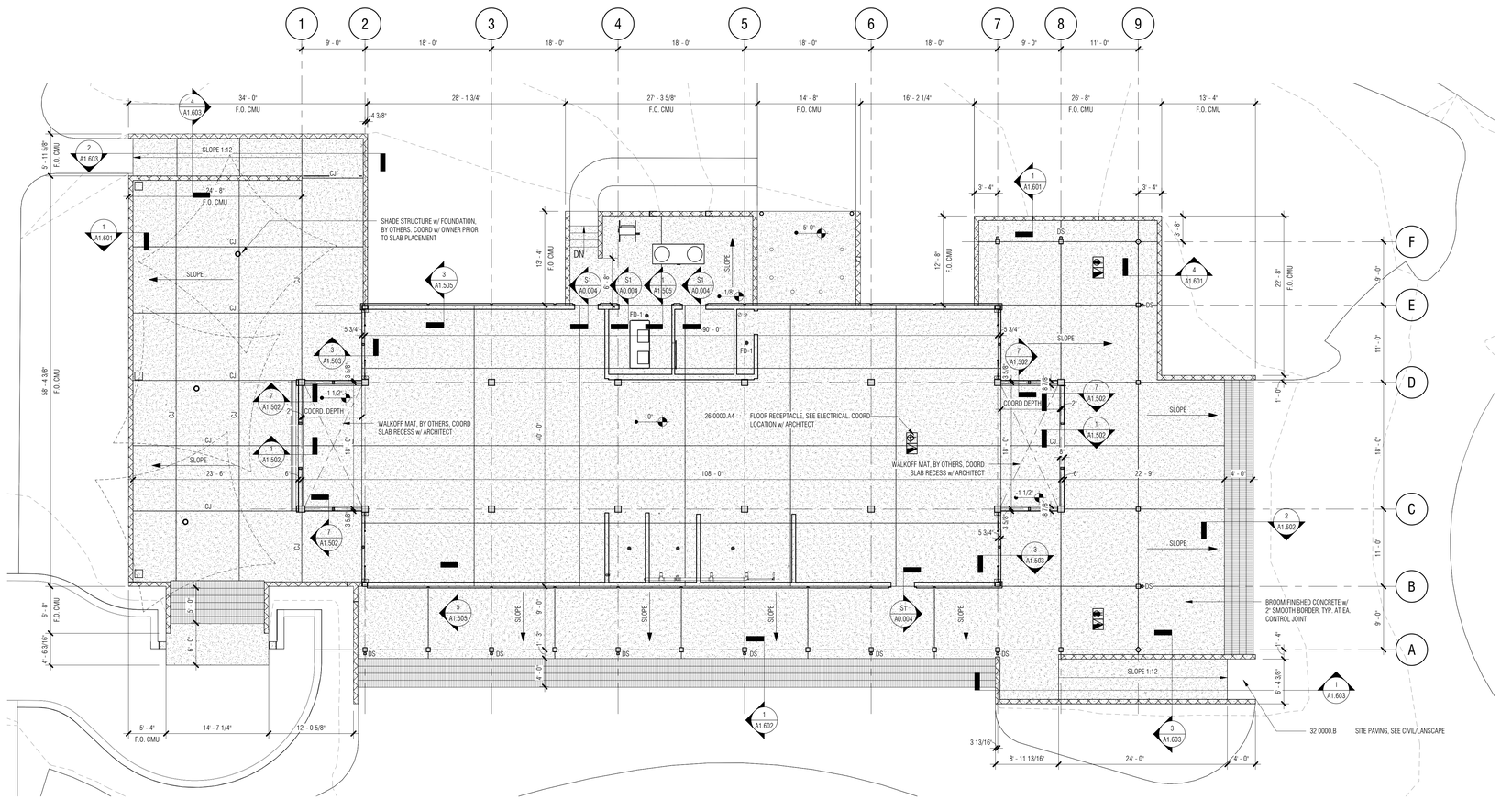

1 A1.121 SLAB EDGE PLAN
1/8" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
MPN

CHECKED BY:
EMB

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WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WATSON
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016

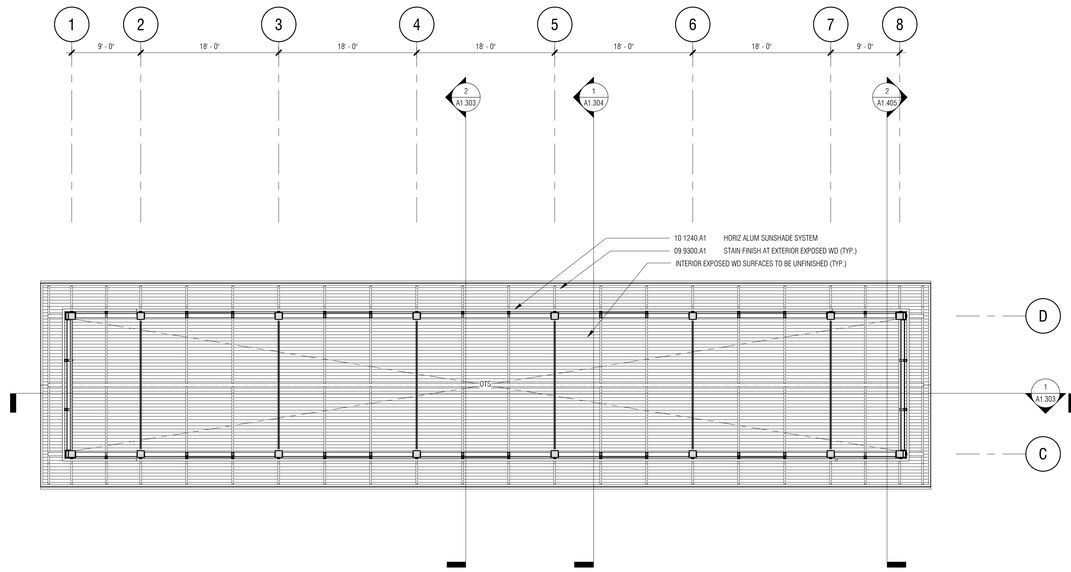
PROJECT NUMBER
01-16002

SHEET TITLE
SLAB EDGE PLAN

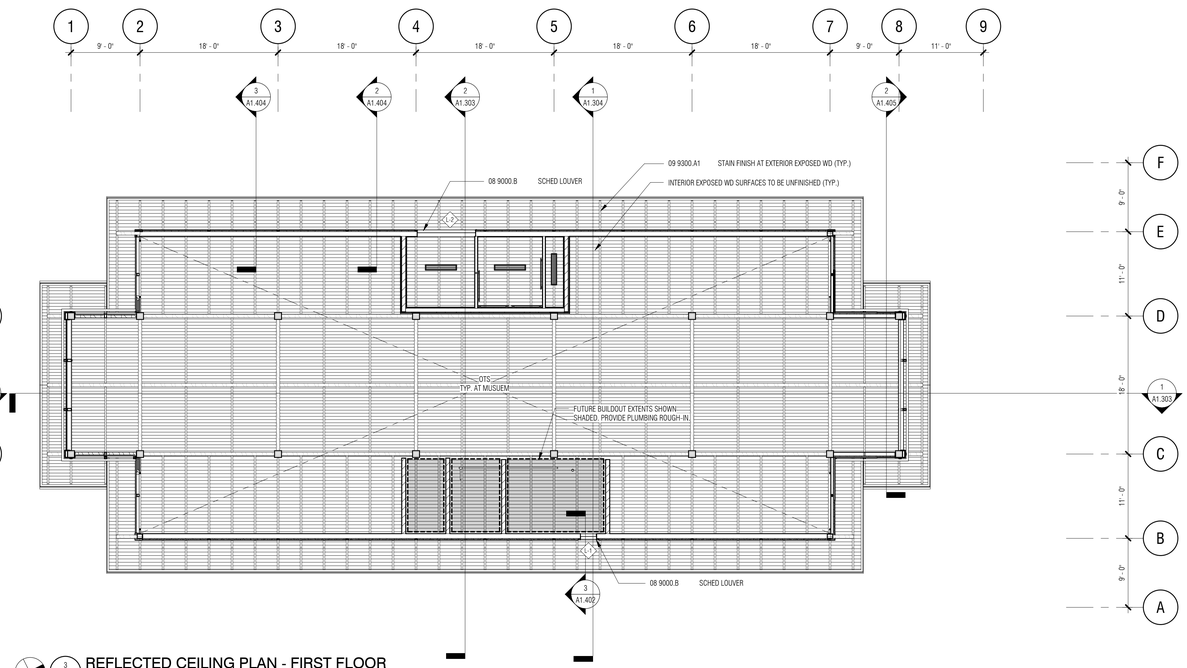
SHEET NUMBER
A1.121

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7084 ■ www.woodandpartners.com



2 A1.201 REFLECTED CEILING PLAN - CLERESTORY
1/8" = 1'-0"



3 A1.201 REFLECTED CEILING PLAN - FIRST FLOOR
1/8" = 1'-0"

SYMBOL LEGEND:

MATERIALS

OTS
OPEN TO STRUCTURE ABOVE

ANNOTATION

GWB1 — CEILING TYPE
9'-0" A.F.F. — FINISHED CEILING ELEVATION

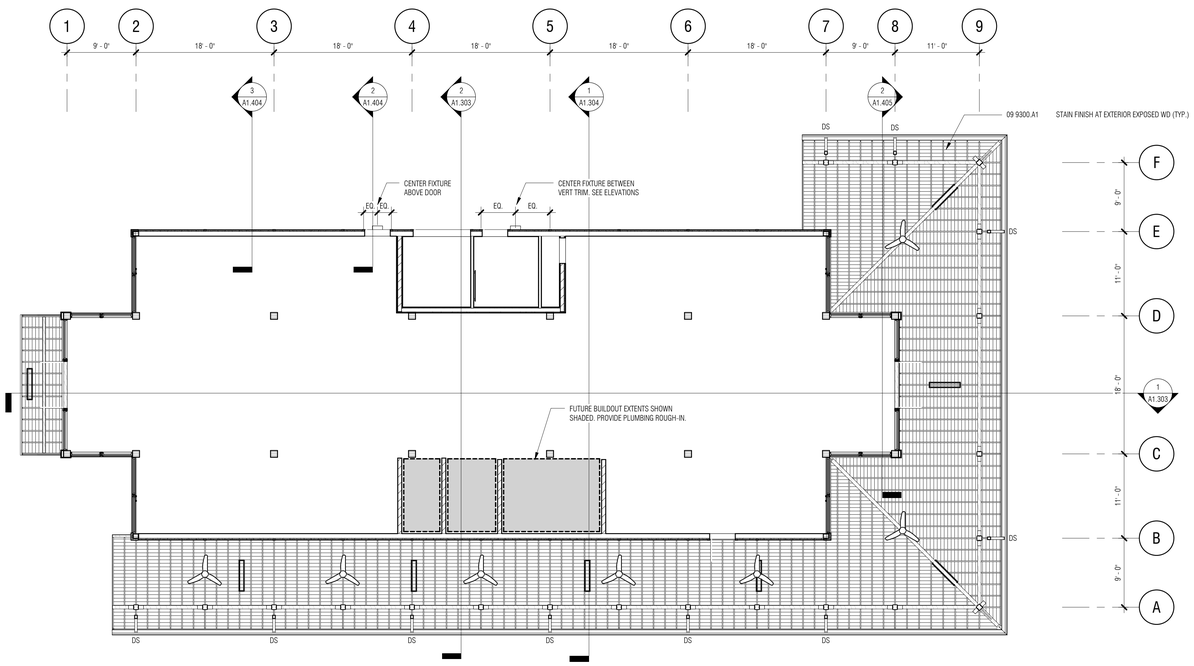
LIGHT FIXTURES

2'-0" x 4'-0" RECESSED SEMI-INDIRECT FLUORESCENT

RECESSED LINEAR WALLWASH

MECHANICAL

CEILING FAN
PROVIDE 2x BLOCKING (DEPTH OF ADJACENT RAFTERS) TO SUPPORT FANS, TYP.



1 A1.201 REFLECTED CEILING PLAN - PORCH
1/8" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MPN

CHECKED BY:
EMB

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PROFESSIONAL STAMPS:

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WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. KELLY
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
REFLECTED CEILING PLANS

WTS
WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6518 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

SHEET NUMBER
A1.201

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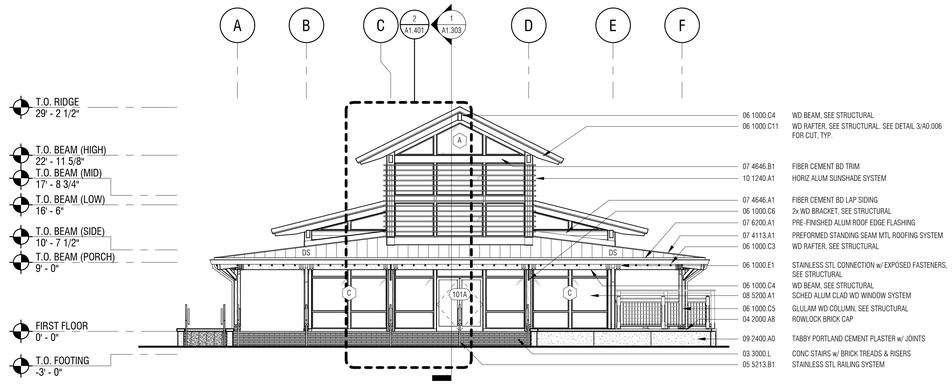
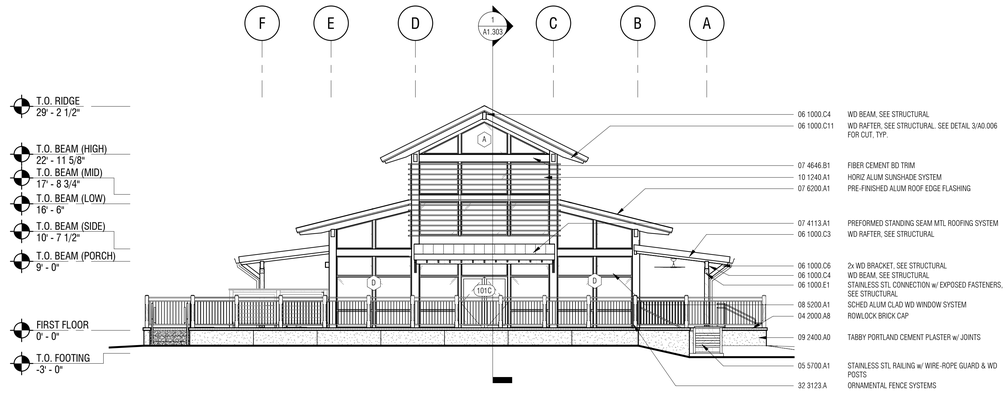
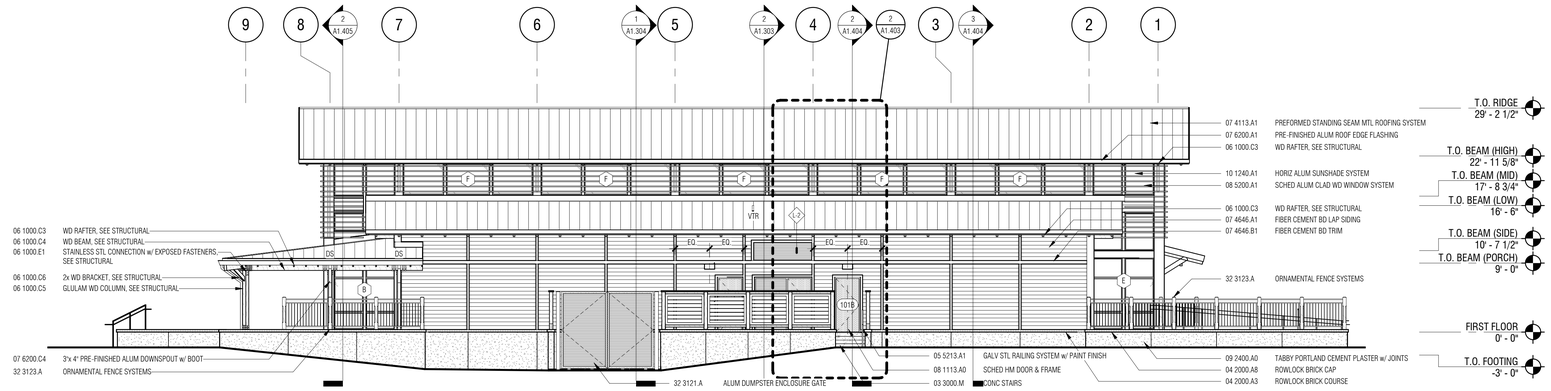


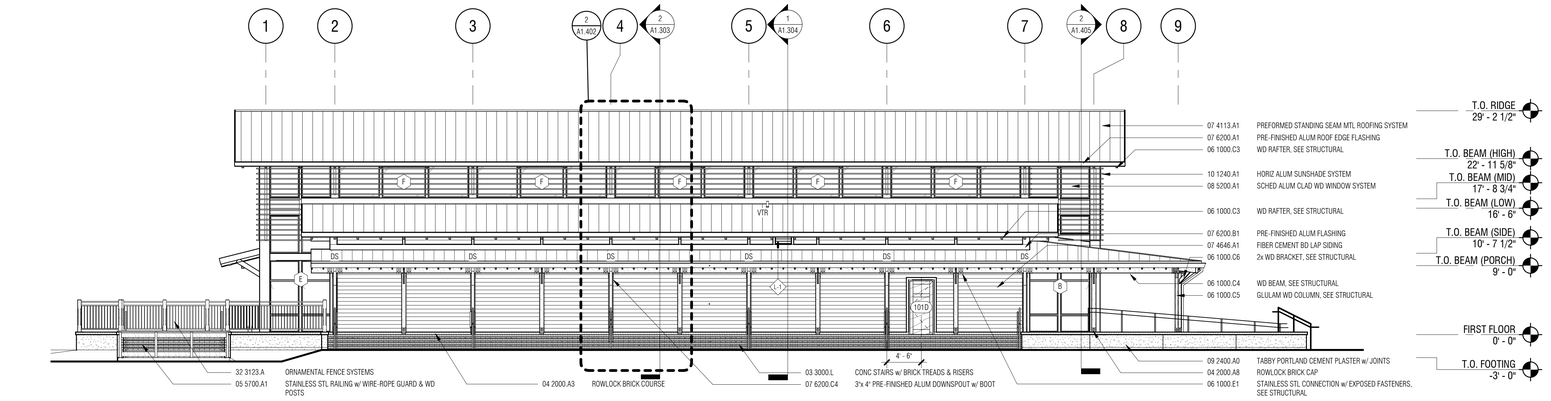
4 A1.301 EAST ELEVATION
1/8" = 1'-0"



3 A1.301 WEST ELEVATION
1/8" = 1'-0"



2 A1.301 NORTH ELEVATION
1/8" = 1'-0"



1 A1.301 SOUTH ELEVATION
1/8" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
MPN

CHECKED BY:
EMB

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PROFESSIONAL STAMPS:

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WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF. 100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WATSON
COLUMBIA, SC
12795
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
BUILDING ELEVATIONS

SHEET NUMBER
A1.301

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7084 ■ www.woodandpartners.com

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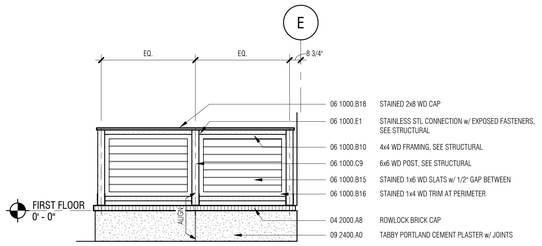
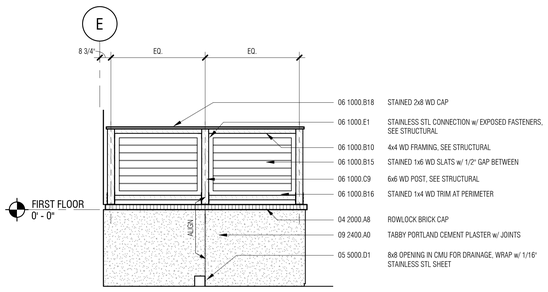
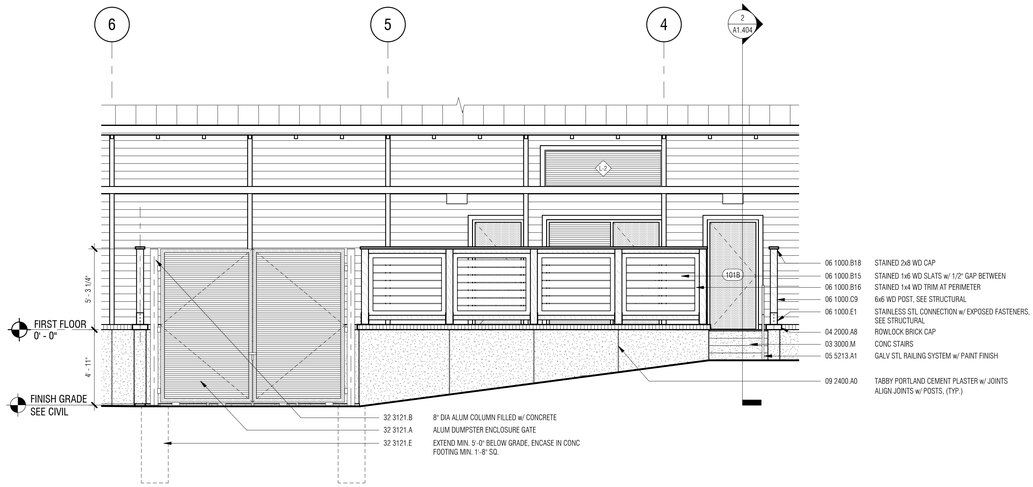


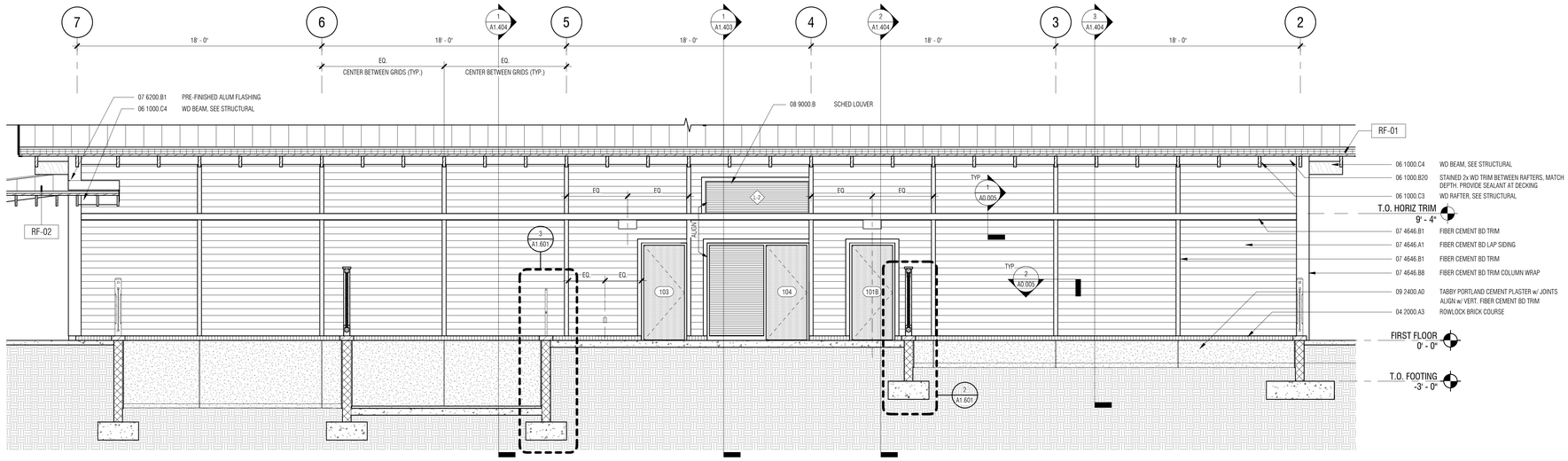
5 A1.302 WEST ELEVATION - MECH. ENCLOSURE
1/4" = 1'-0"



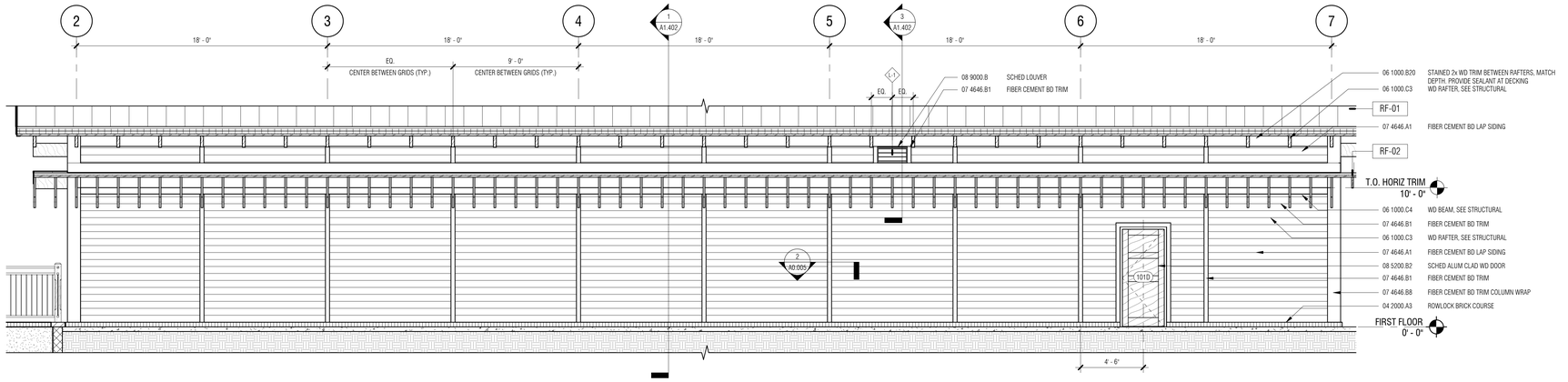
4 A1.302 EAST ELEVATION - MECH. ENCLOSURE
1/4" = 1'-0"



3 A1.302 NORTH ELEVATION - MECH. ENCLOSURE
1/4" = 1'-0"



2 A1.302 NORTH ELEVATION
1/4" = 1'-0"



1 A1.302 SOUTH ELEVATION - EXT. PORCH
1/4" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
Author

CHECKED BY:
Checker

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PROFESSIONAL STAMPS:

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

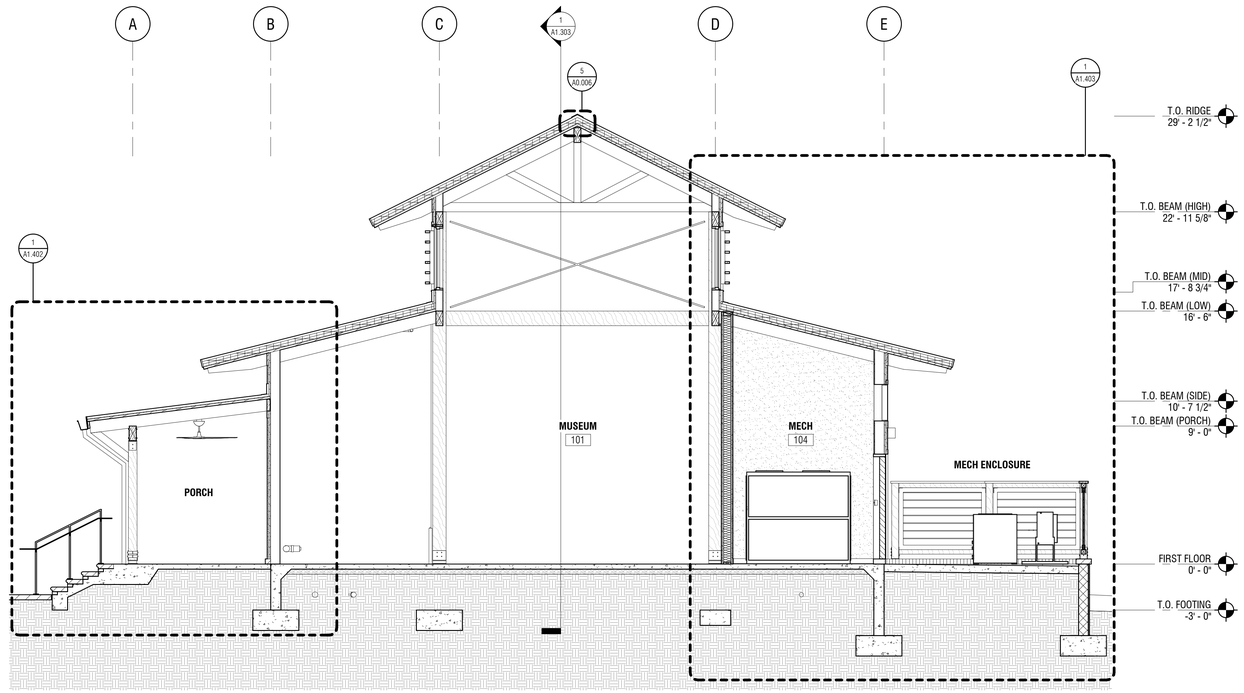
STATE OF SOUTH CAROLINA
EUGENE M. TATE
COLUMBIA, SC
7290
REGISTERED ARCHITECT

#	REVISION	DATE	BY

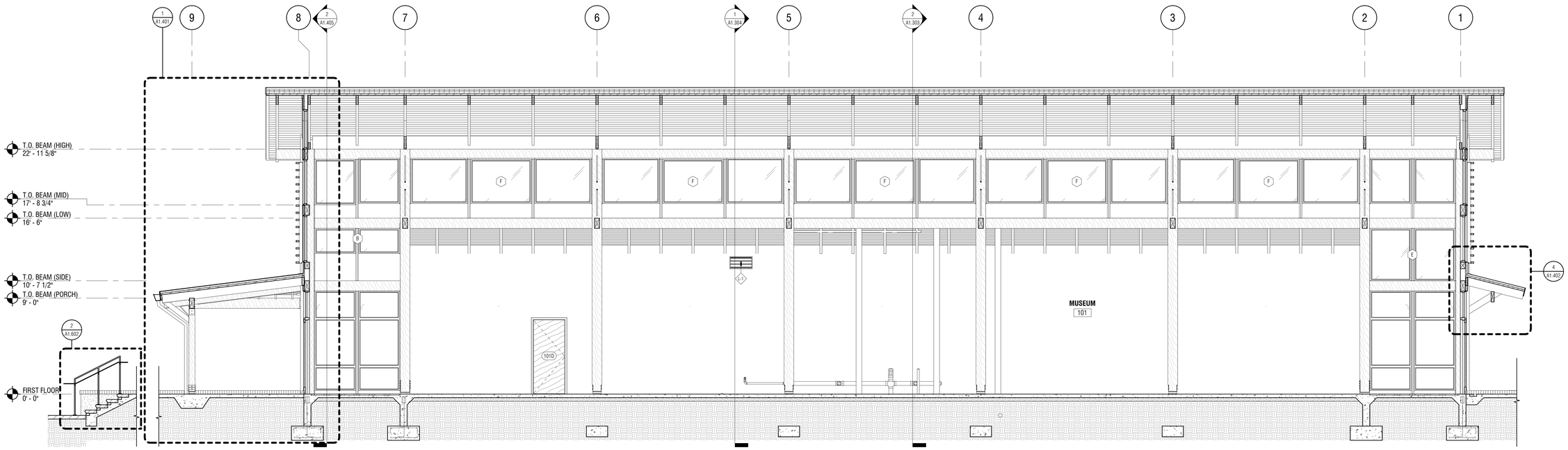
DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
BUILDING ELEVATIONS

WTS WATSON TATE SAVORY
WTS Project No. 1406
Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER
A1.302



2 A1.303 BUILDING SECTION
1/4" = 1'-0"



1 A1.303 BUILDING SECTION
1/4" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MPN

CHECKED BY:
EMB

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STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. ALEXANDER
COLUMBIA, SC
7295
REGISTERED ARCHITECT

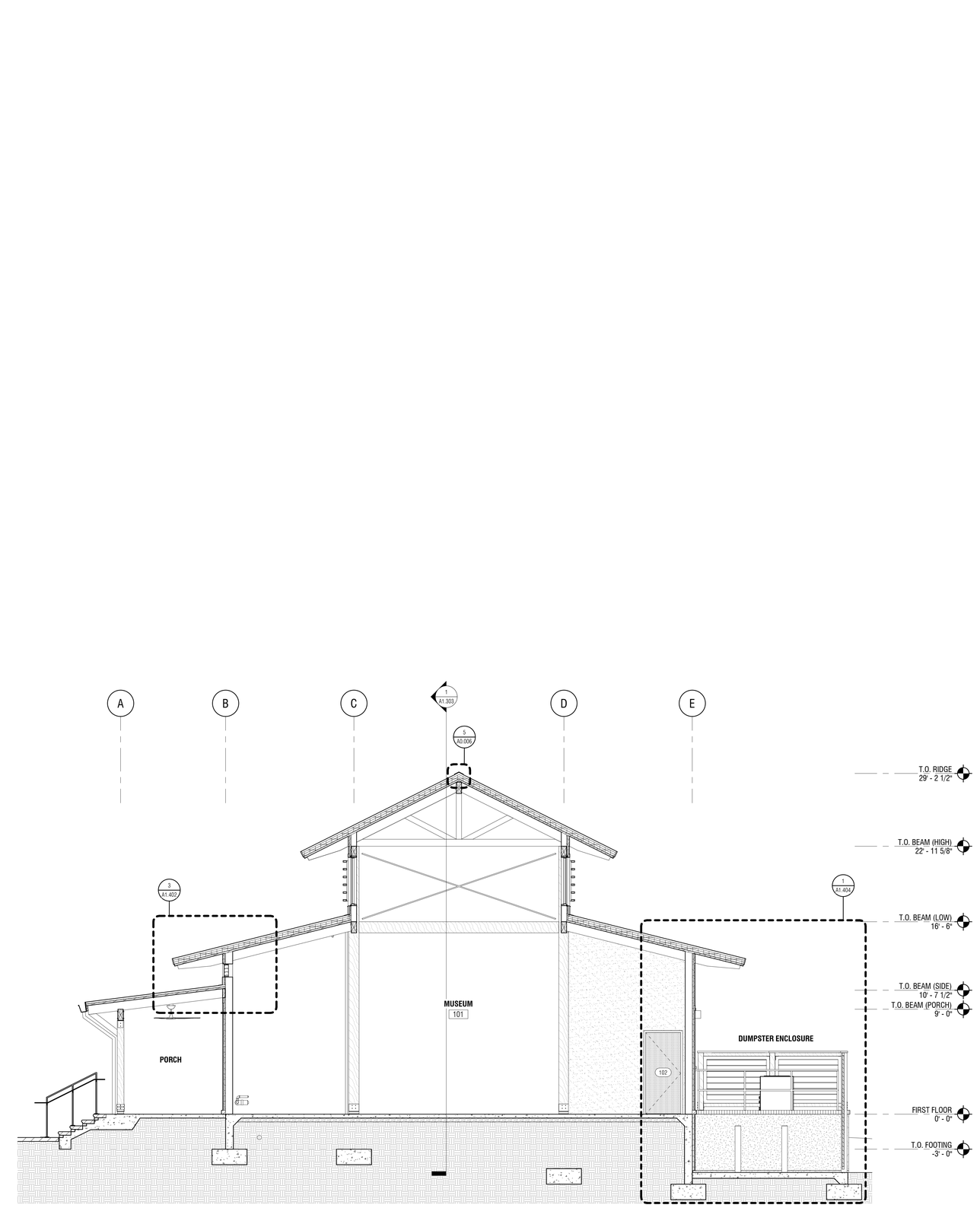
#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A1.303

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6518 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com



1 A1.304 BUILDING SECTION
1/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. TATE, AIA, LEED
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A1.304

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
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Land Planners
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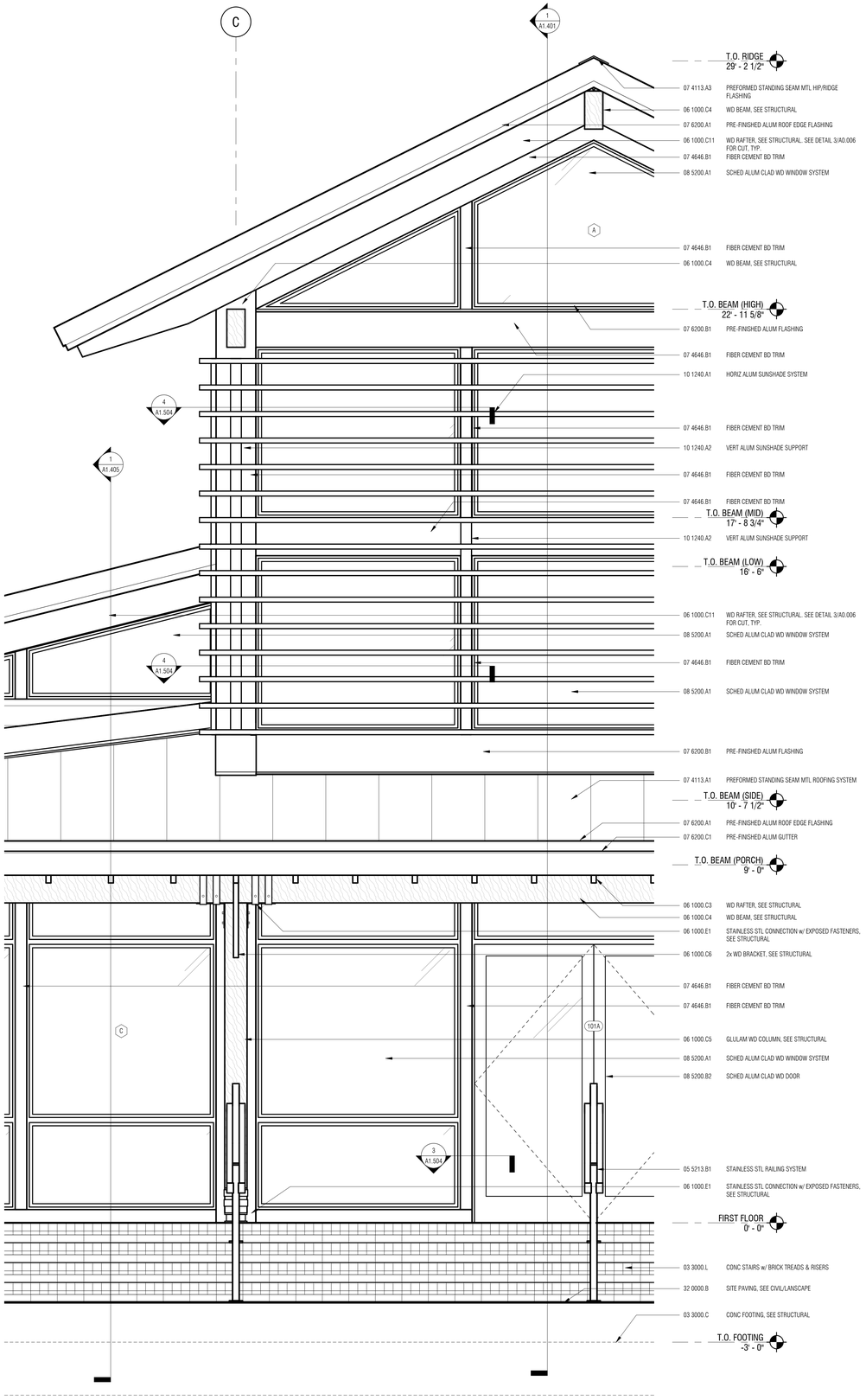
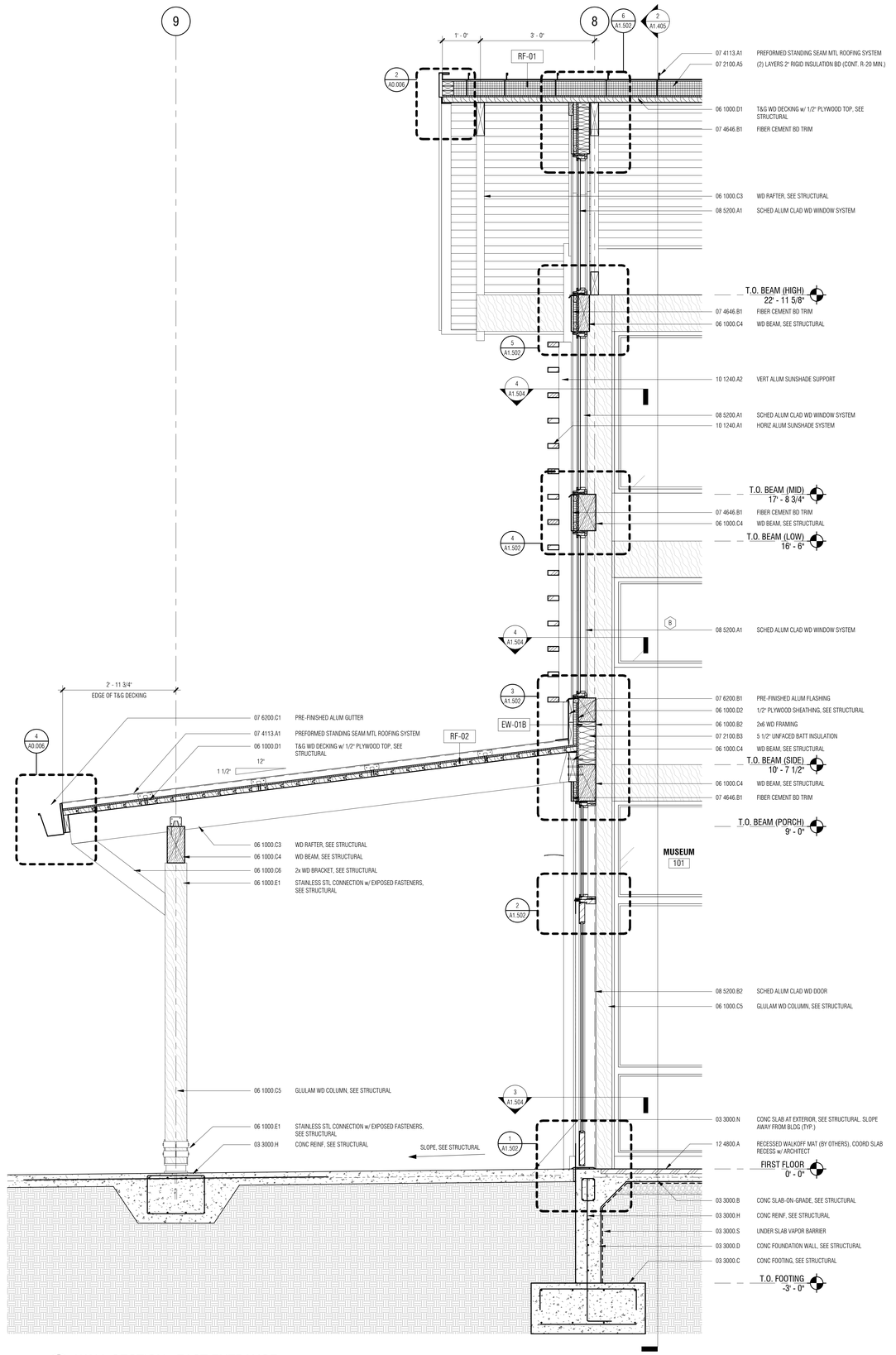


2 / A1.401 ENLARGED ELEVATION - EAST ENTRANCE
3/4" = 1'-0"



1 / A1.401 WALL SECTION - EAST ENTRANCE
3/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MPN
CHECKED BY: EMB

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WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. BLACKWELL
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
ENLARGED ELEVATION & WALL SECTION

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ▪ Hilton Head Island, SC 29925
843.681.6618 ▪ Fax 843.681.7086 ▪ www.woodandpartners.com

SHEET NUMBER
A1.401

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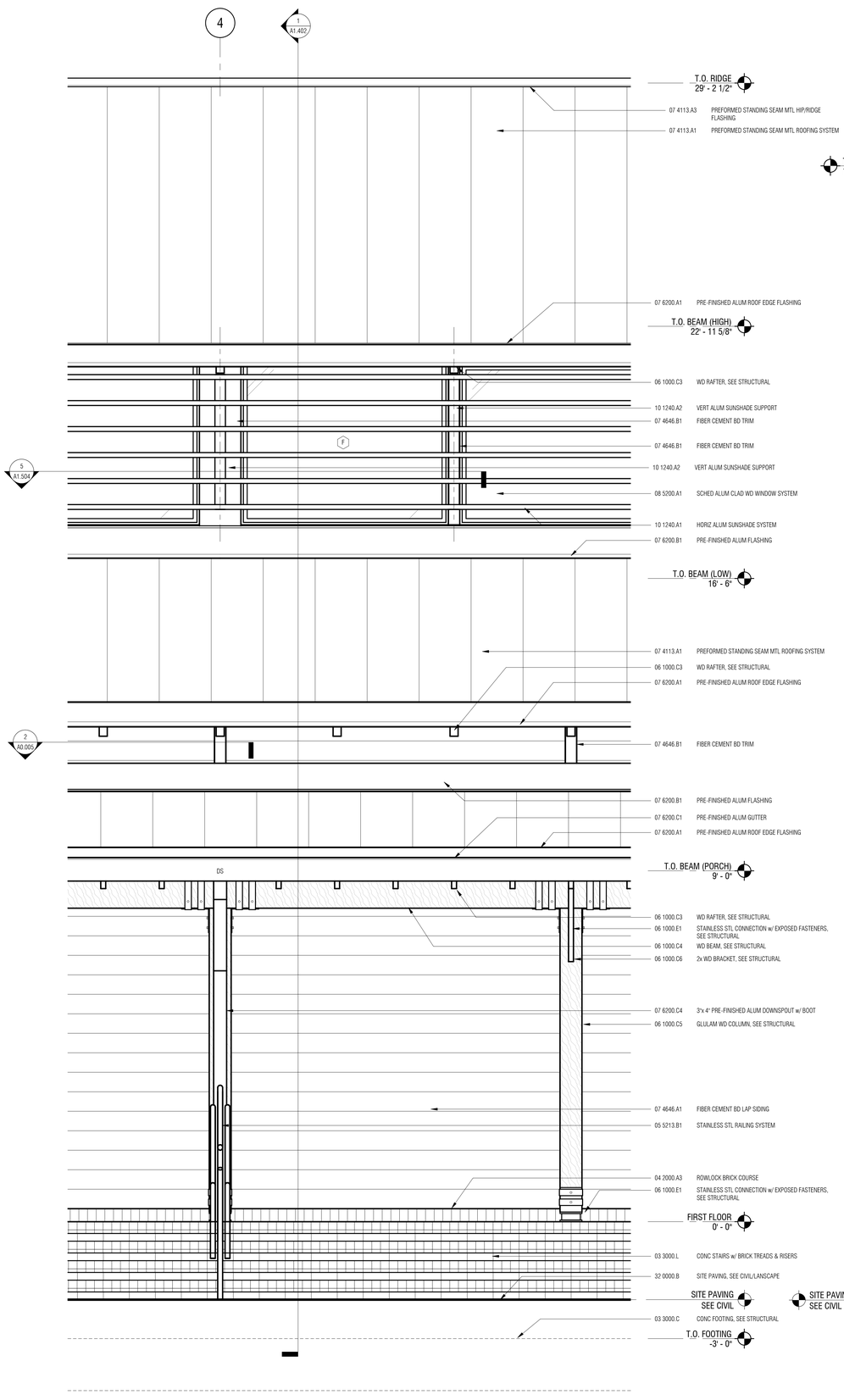
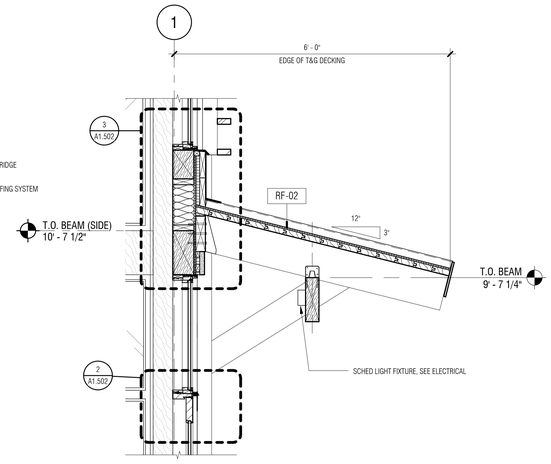
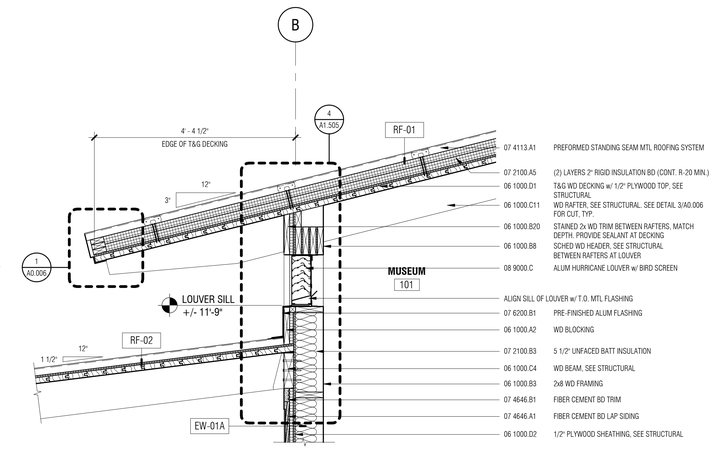


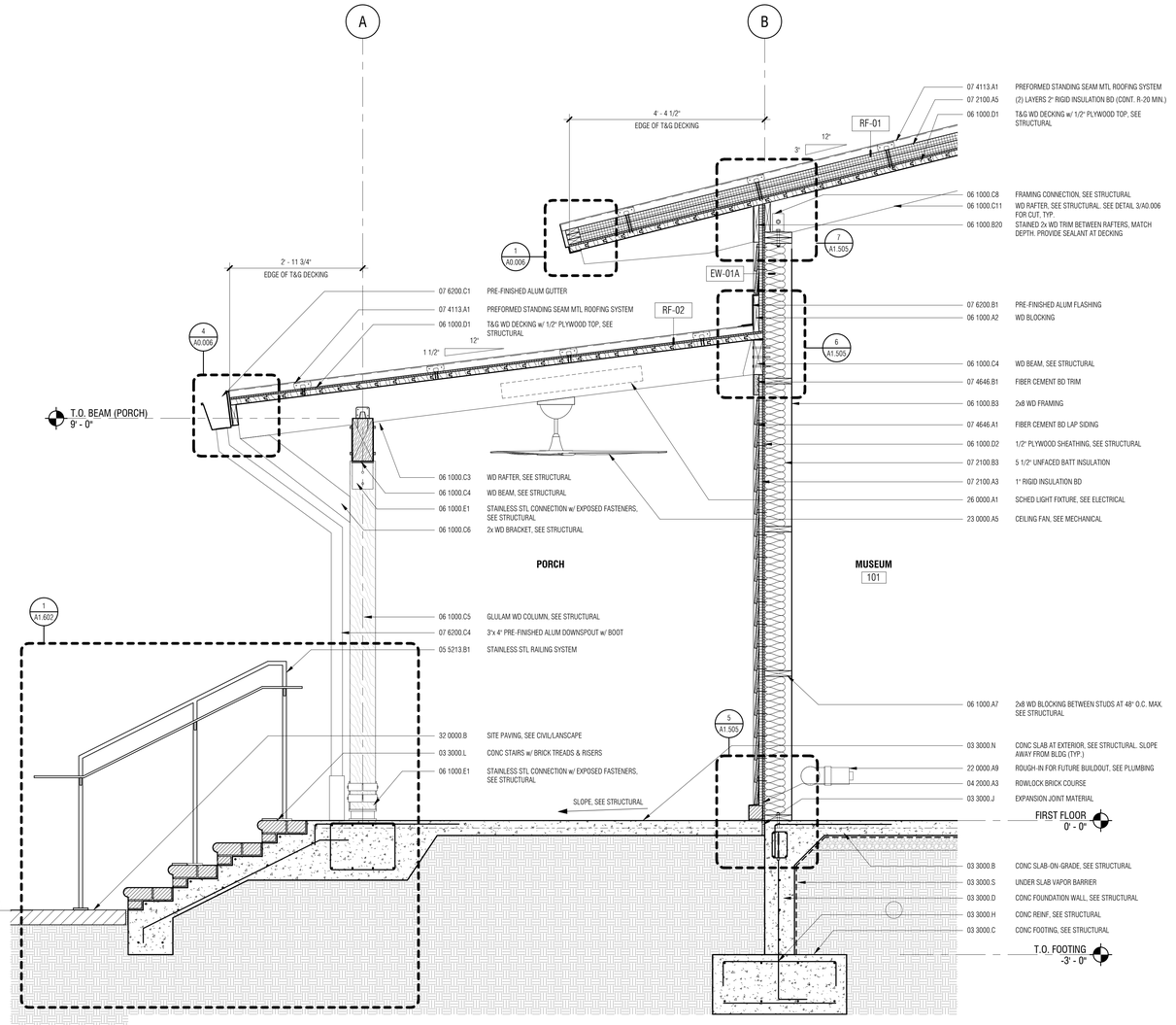
2 A1.402 ENLARGED ELEVATION - SOUTH PORCH
3/4" = 1'-0"



4 A1.402 PARTIAL WALL SECTION - WEST ROOF OVERHANG
3/4" = 1'-0"



3 A1.402 PARTIAL WALL SECTION - LOUVER
3/4" = 1'-0"



1 A1.402 WALL SECTION - SOUTH PORCH
3/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MPN
CHECKED BY: EMB

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PROFESSIONAL STAMPS:

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WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WATSON
COLUMBIA, SC
12295
6/30/2016
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
ENLARGED ELEVATION & WALL SECTION

SHEET NUMBER
A1.402

WTS WATSON TATE SAVORY
WTS Project No. 1406
Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6618 ▮ Fax 843.681.7068 ▮ www.woodandpartners.com

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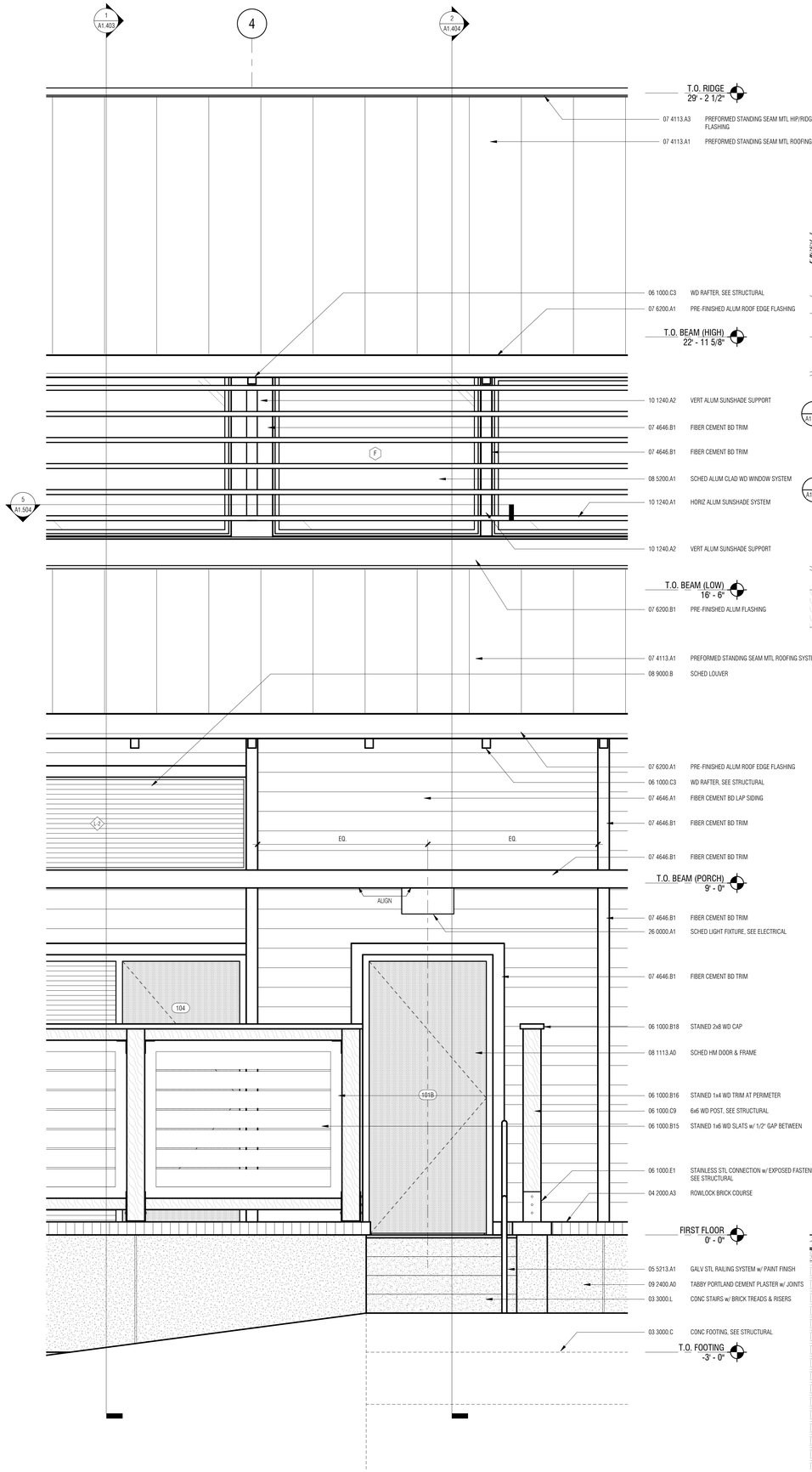
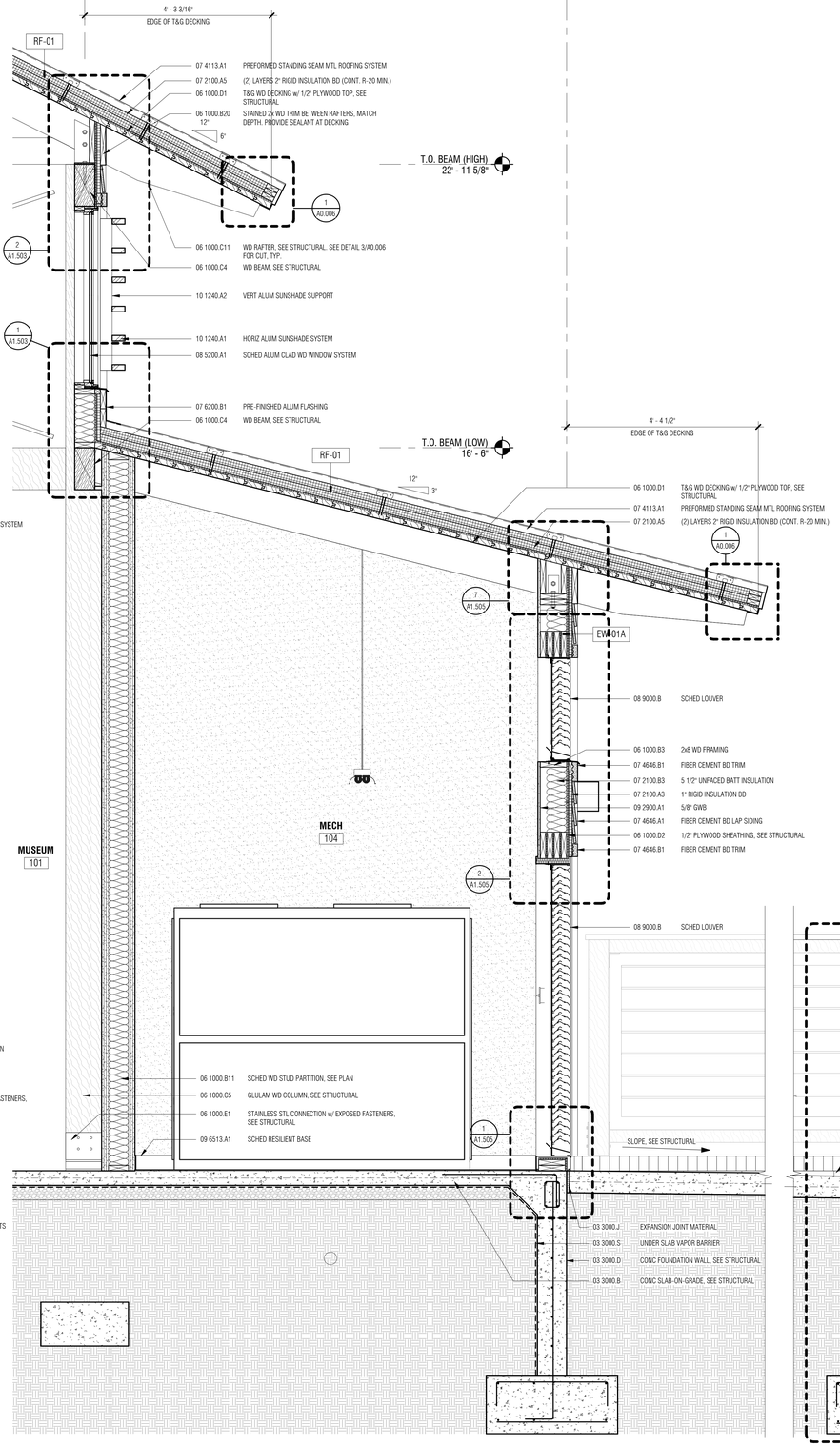


2 A1.403 ENLARGED ELEVATION - NORTH

3/4" = 1'-0"



1 A1.403 WALL SECTION - MECH. ENCLOSURE

3/4" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MPN

CHECKED BY: EMB

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA — WATSON TATE SAVORY, INC. COLUMBIA, SC ARF.100837 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — EUGENE M. TATE — COLUMBIA, SC — 7295 — 6/30/2016 — REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE 6-30-2016

PROJECT NUMBER 01-16002

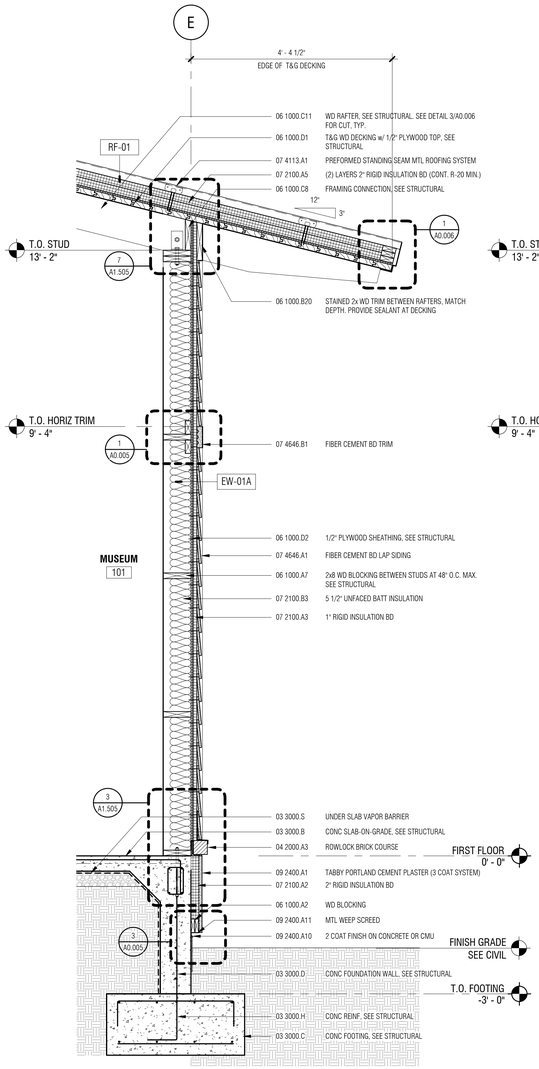
SHEET TITLE ENLARGED ELEVATION & WALL SECTION

SHEET NUMBER A1.403

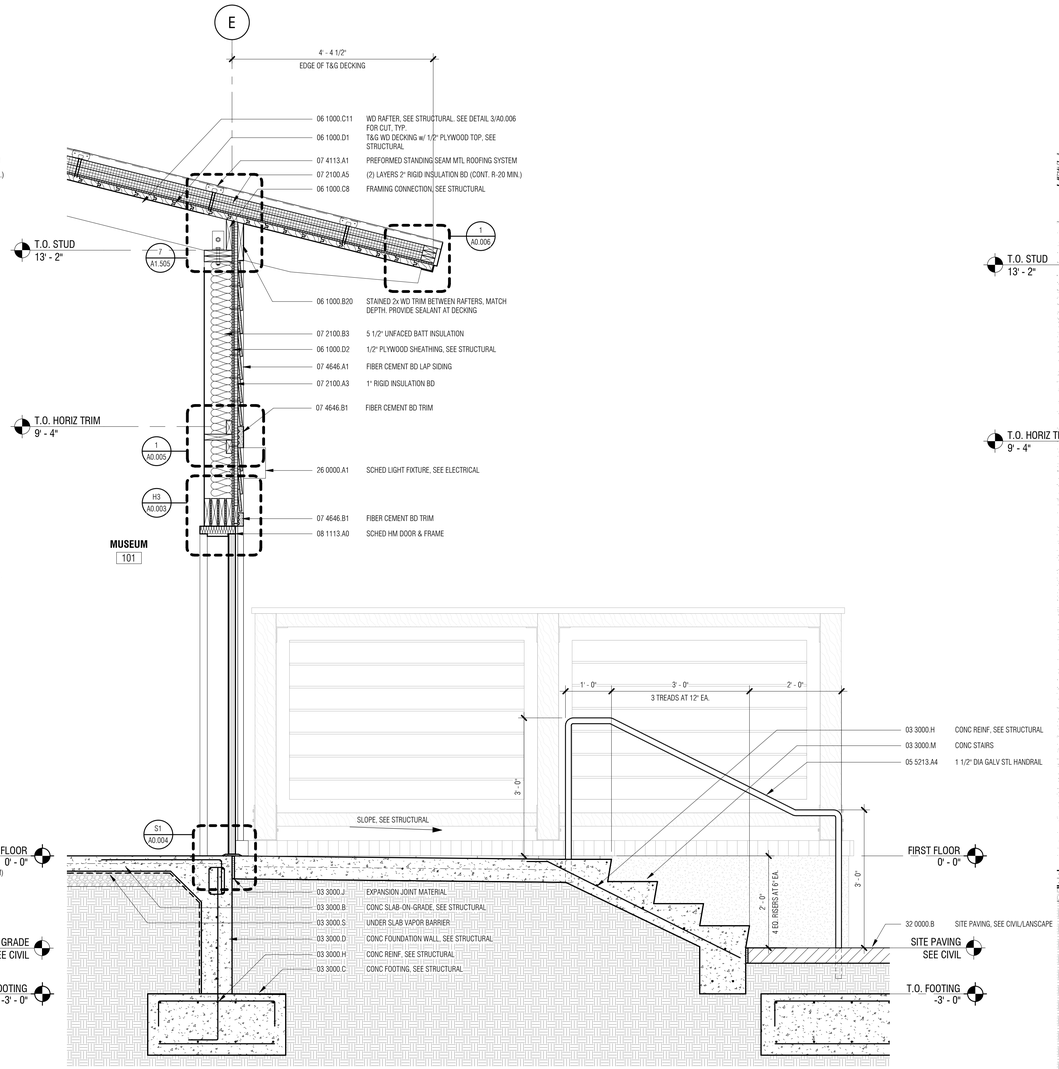
WTS WATSON TATE SAVORY — WTS Project No. 1406

Wood+Partners Inc. WPi
Landscape Architects Land Planners

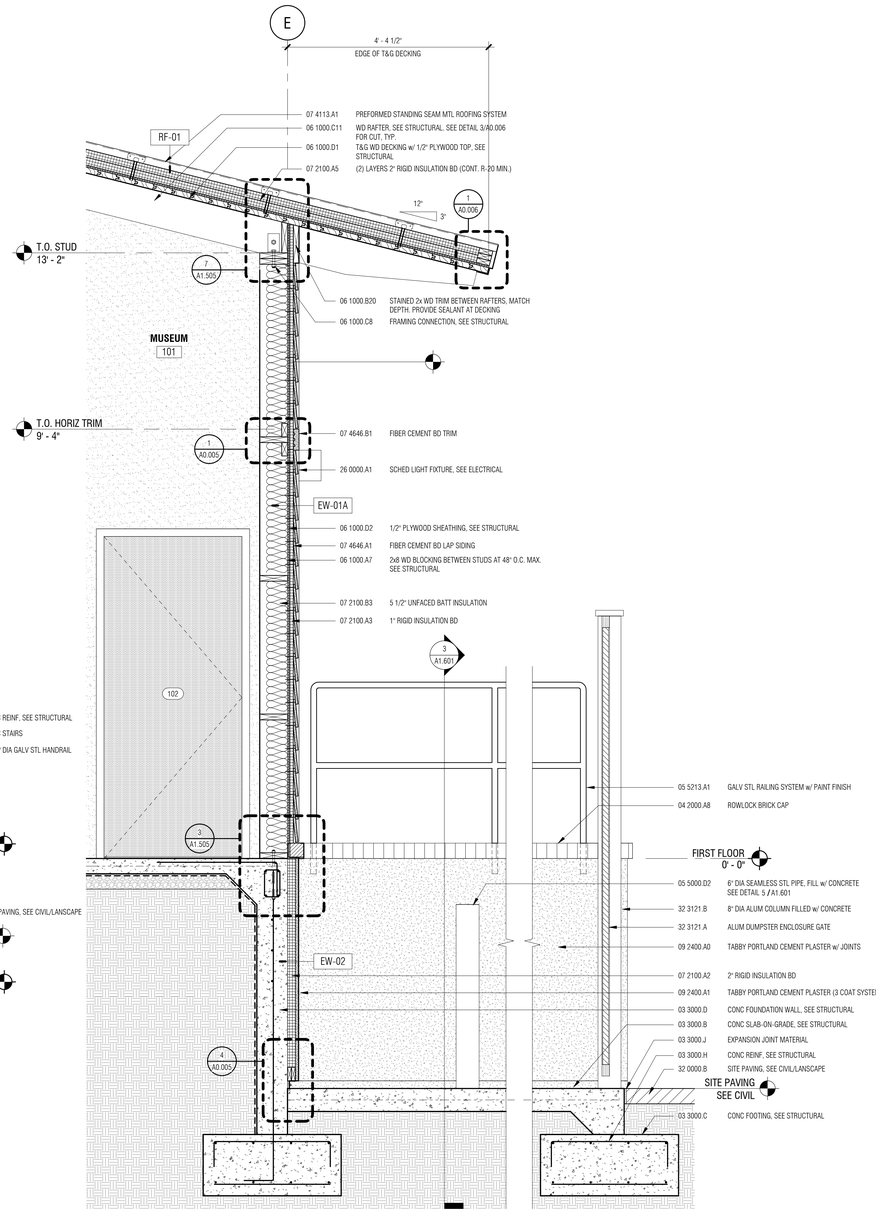
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7084 ■ www.woodandpartners.com



3/A1.404 WALL SECTION - NORTH
3/4" = 1'-0"



2/A1.404 WALL SECTION - NORTH STAIR
3/4" = 1'-0"



1/A1.404 WALL SECTION - NORTH DUMPSTER ENCLOSURE
3/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: Author
CHECKED BY: Checker

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STATE OF SOUTH CAROLINA — WATSON TATE SAVORY, INC. — COLUMBIA, SC — ARF. 100837 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — EUGENE M. TATE — COLUMBIA, SC — 7295 — REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE 6-30-2016
PROJECT NUMBER 01-16002
SHEET TITLE WALL SECTIONS

SHEET NUMBER A1.404

WTS WATSON TATE SAVORY
WTS Project No. 1406
Wood+Partners Inc. WPi
Landscape Architects Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7088 ■ www.woodandpartners.com

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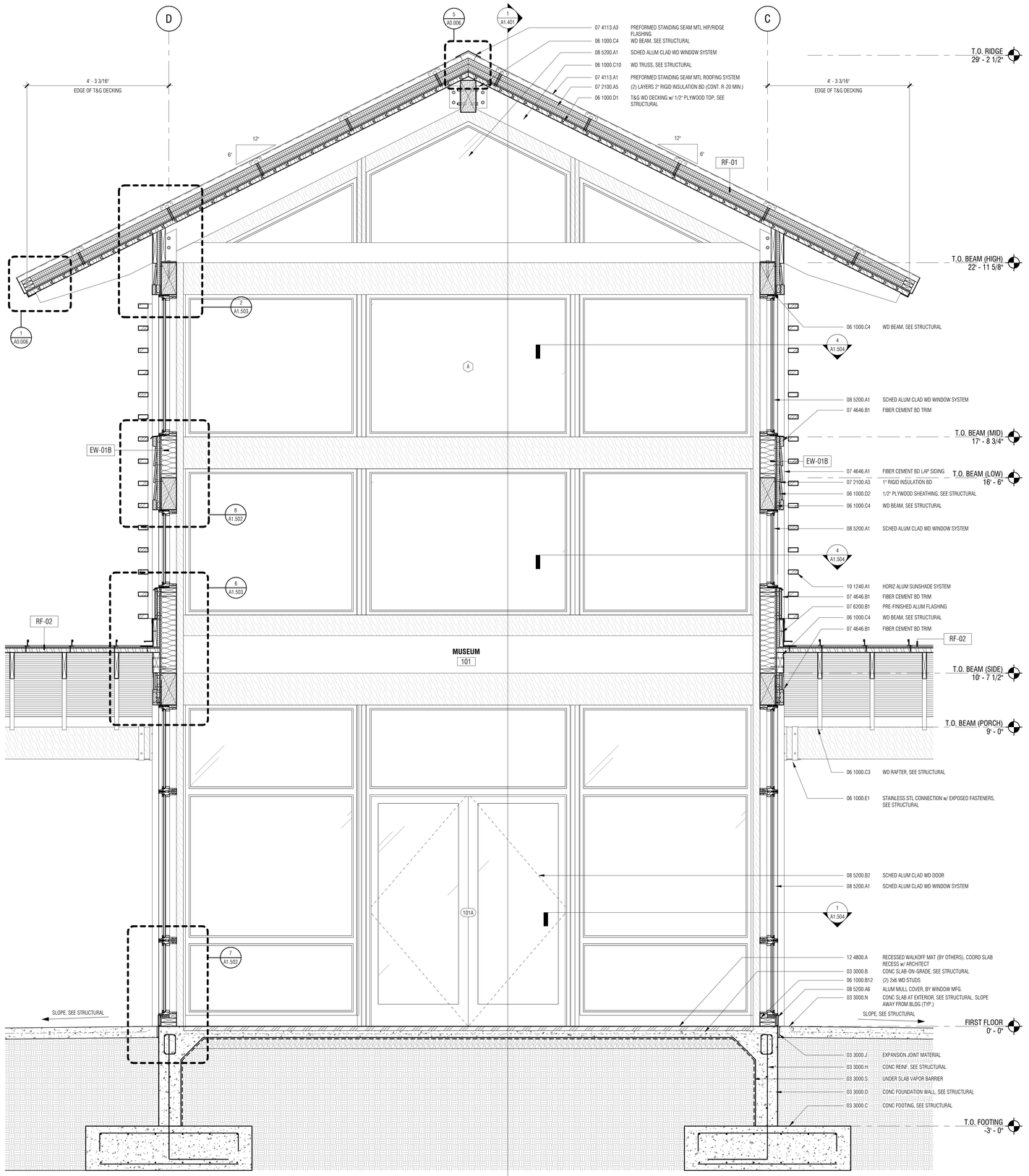
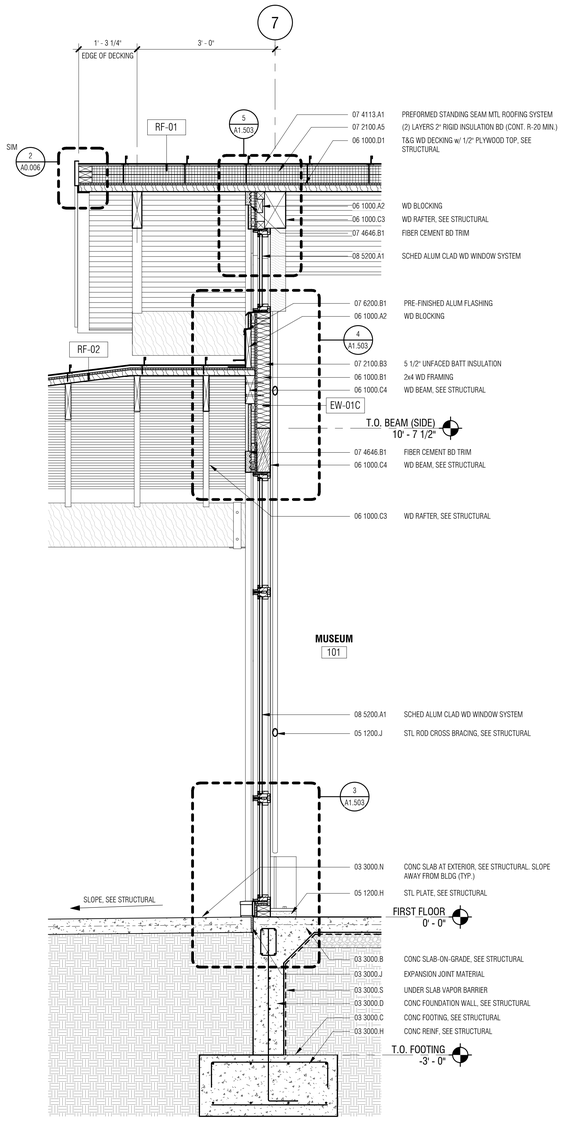


2 A1.405 WALL SECTION - EAST ENTRANCE (WEST SIM.)
3/4" = 1'-0"



1 A1.405 WALL SECTION - EAST SIDE
3/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE W. TATE
COLUMBIA, SC
17295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
WALL SECTIONS

SHEET NUMBER
A1.405

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
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843.681.6618 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

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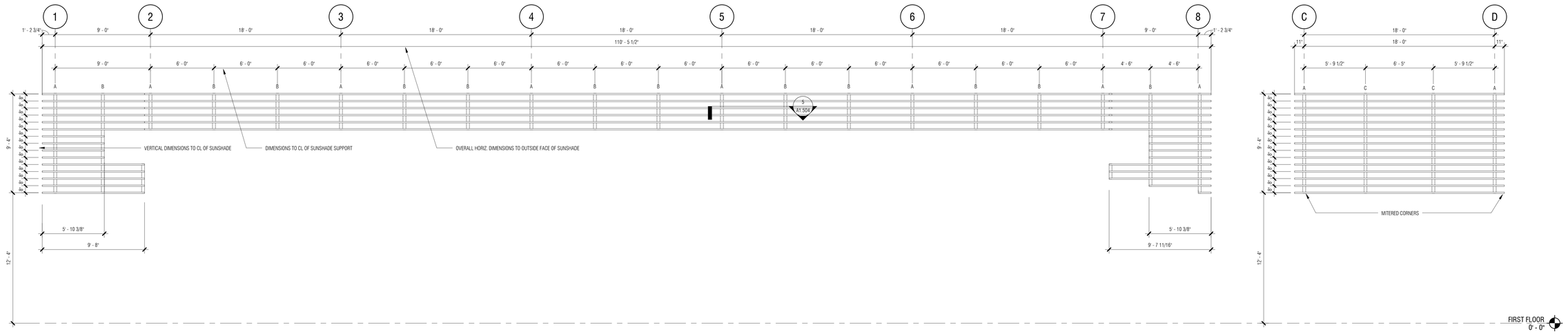
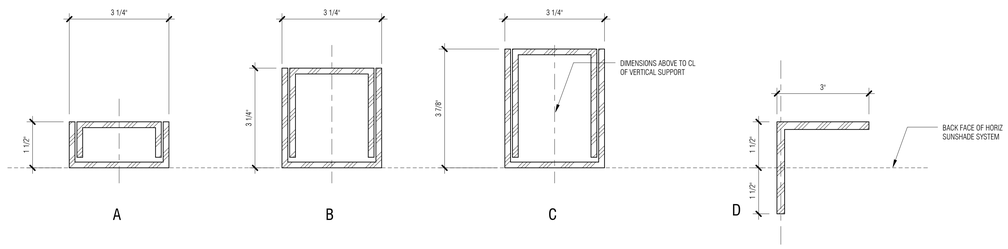
SUNSHADE SYSTEM ELEVATIONS:



SOUTH (NORTH SIM OH)

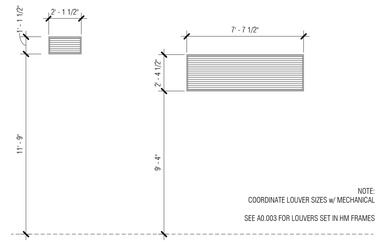
EAST (WEST SIM.)

VERTICAL SUNSHADE SUPPORT PROFILES:

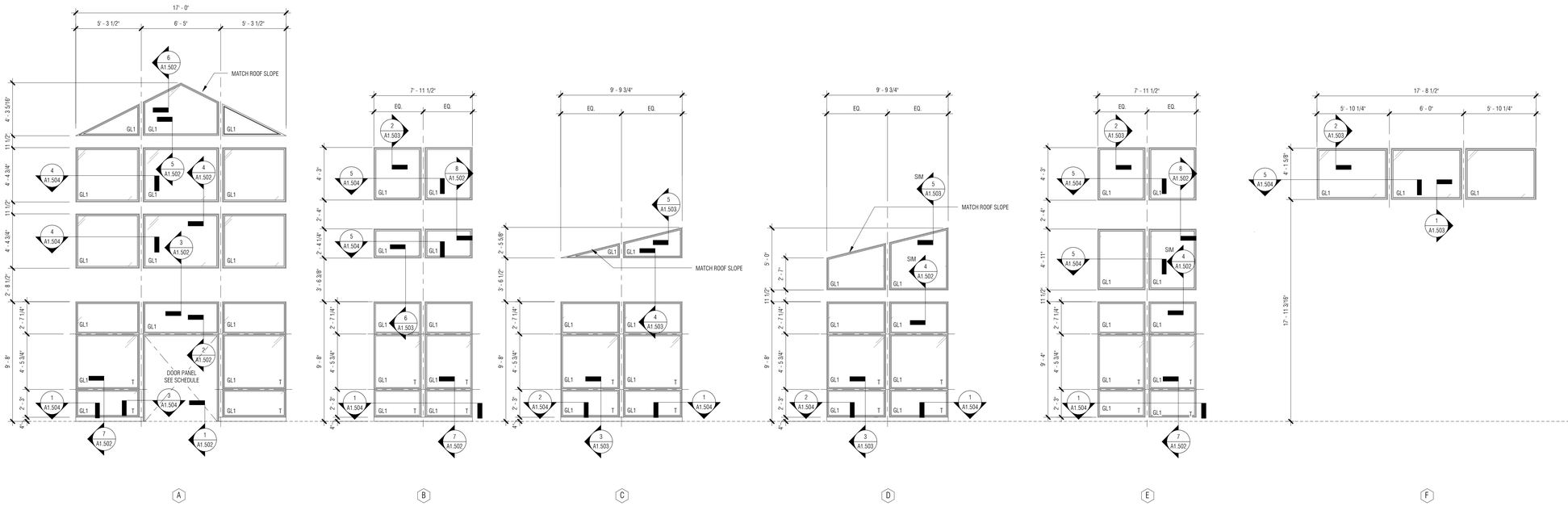


GLAZING TYPE LEGEND:

LOUVER TYPE ELEVATIONS:



WINDOW ASSEMBLY ELEVATIONS:



Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
Author

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WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WATSON
COLUMBIA, SC
6795
6-30-2016
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
WINDOWS & LOUVER ELEVATIONS

SHEET NUMBER
A1.501

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WPi
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Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6618 ▮ Fax 843.681.7085 ▮ www.woodandpartners.com

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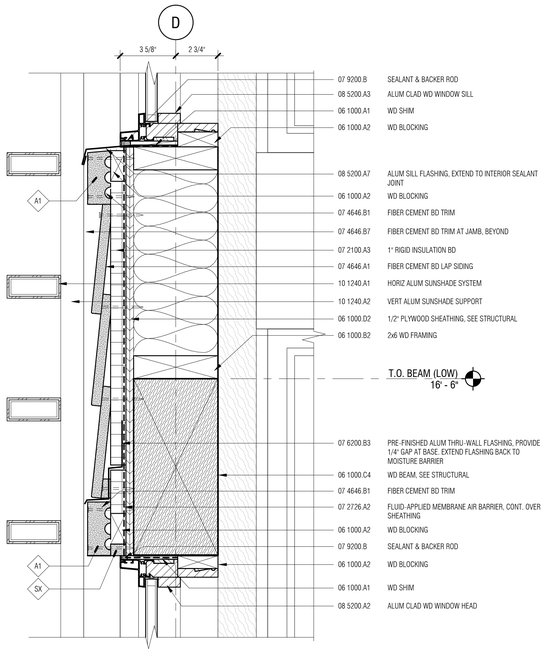
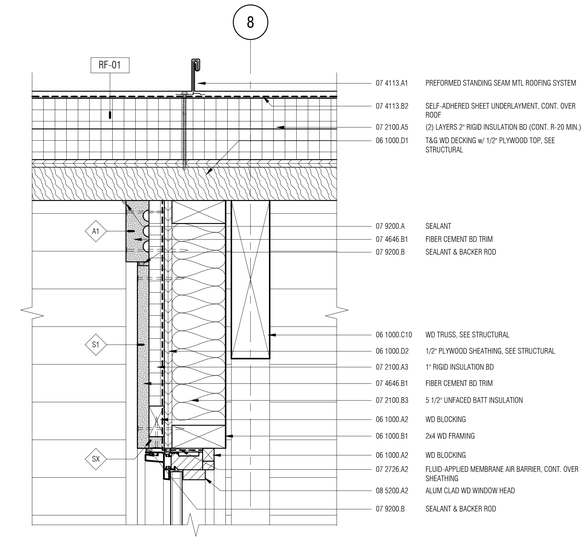
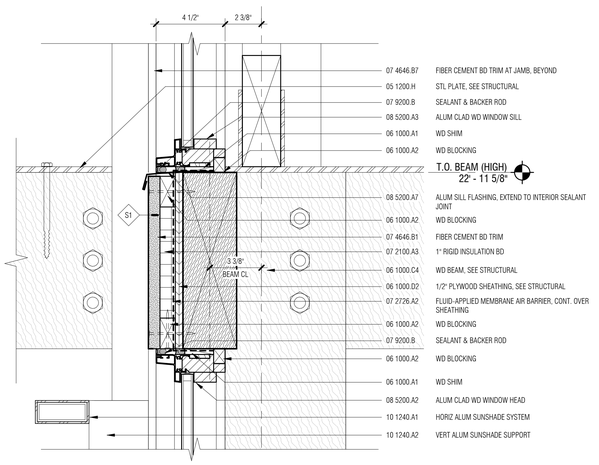


8 / A1.502 WINDOW DETAIL - ENTRANCE SIDE INTERMEDIATE
3" = 1'-0"

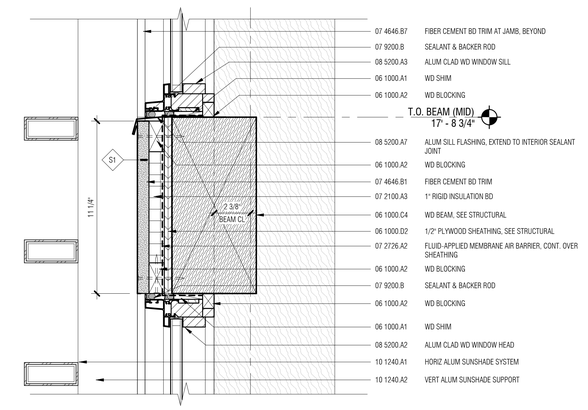
7 / A1.502 WINDOW DETAIL - ENTRANCE SIDE SILL
3" = 1'-0"



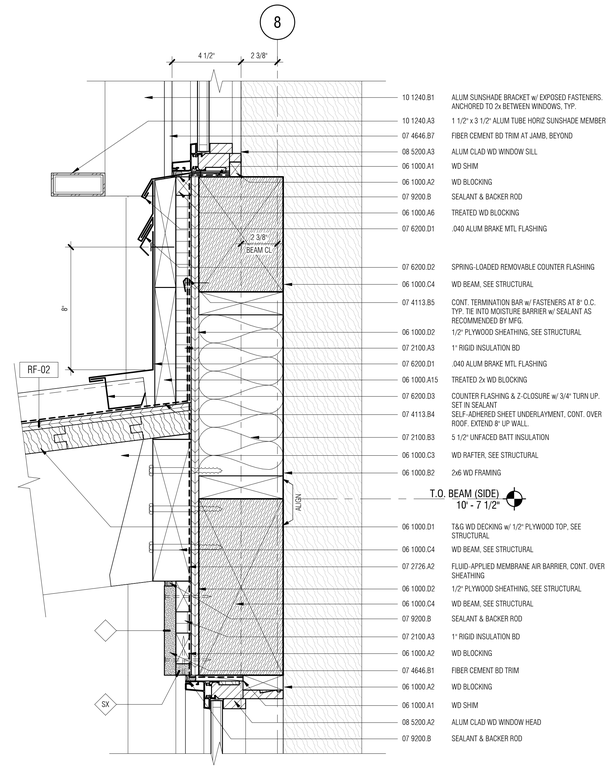
6 / A1.502 WINDOW DETAIL - ENTRANCE TOP
3" = 1'-0"



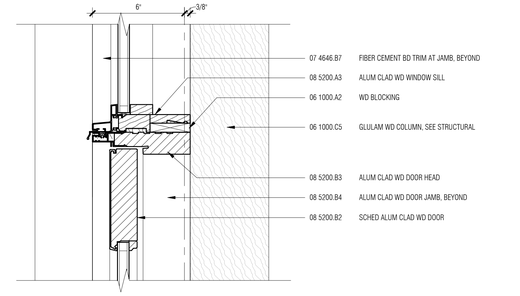
5 / A1.502 WINDOW DETAIL - ENTRANCE INTERMEDIATE
3" = 1'-0"



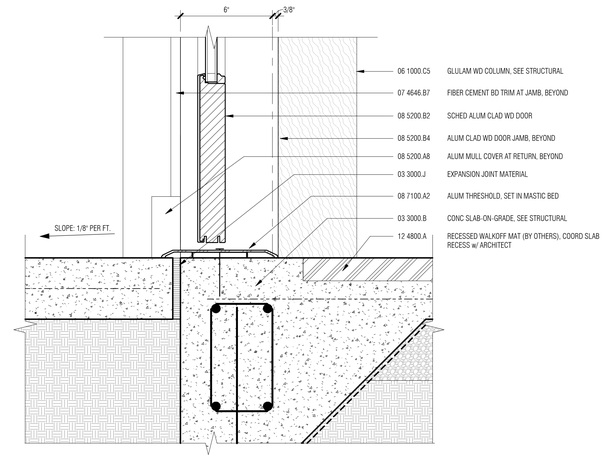
4 / A1.502 WINDOW DETAIL - ENTRANCE LOW
3" = 1'-0"



3 / A1.502 WINDOW DETAIL - ENTRANCE BOTTOM
3" = 1'-0"



2 / A1.502 HEAD DETAIL - ENTRANCE
3" = 1'-0"



1 / A1.502 SILL DETAIL - ENTRANCE
3" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MPN

CHECKED BY:
EMB

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. TATE
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
WINDOW DETAILS

SHEET NUMBER
A1.502

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6618 ▮ Fax 843.681.7088 ▮ www.woodandpartners.com

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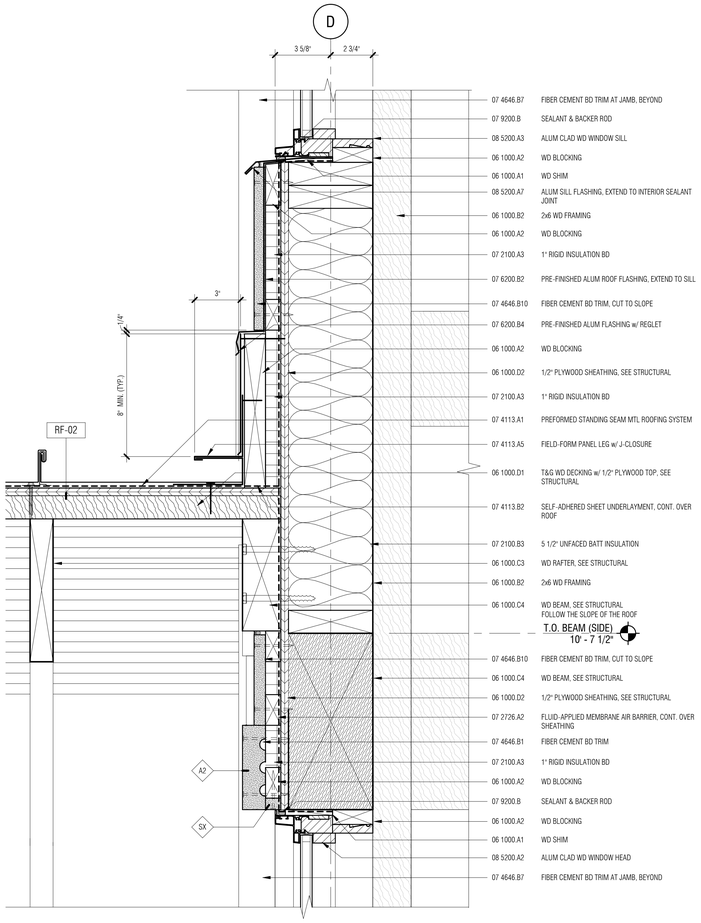
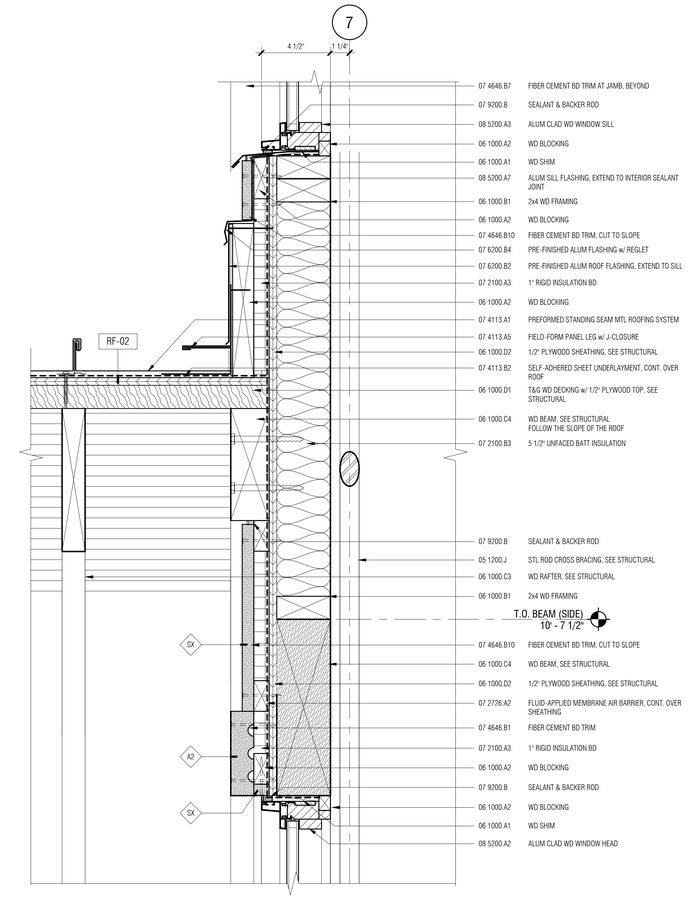
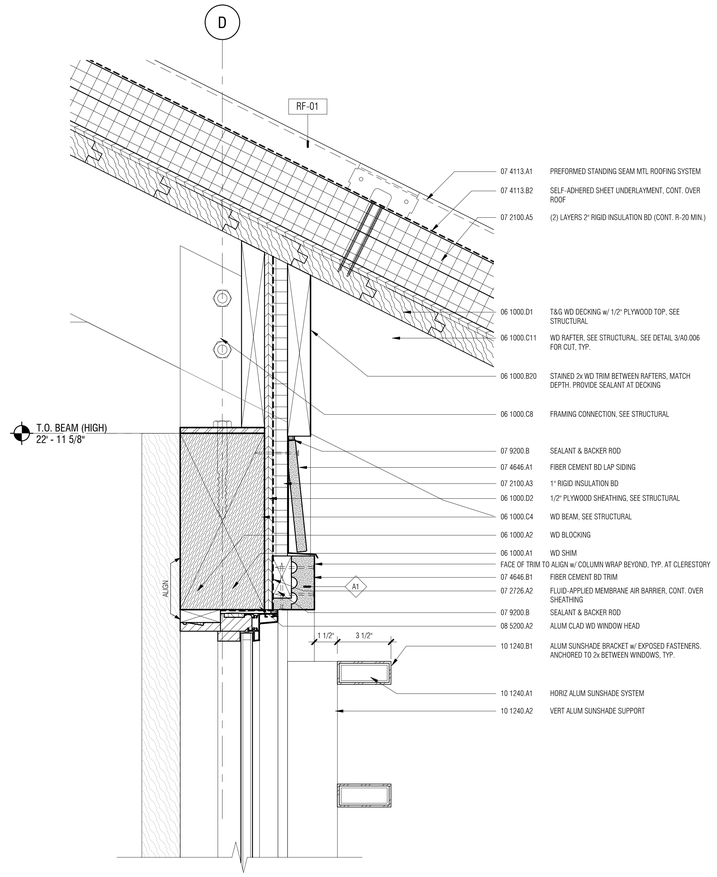


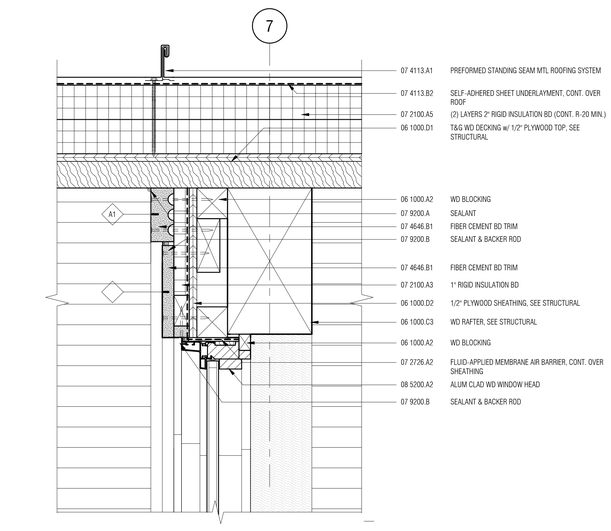
6 A1.503 WINDOW DETAIL - ENTRANCE SIDE HEAD
3" = 1'-0"



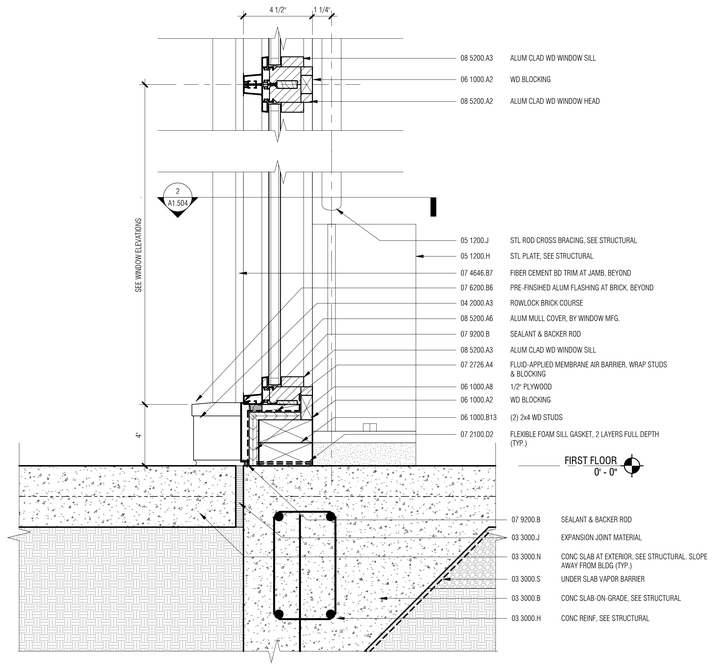
4 A1.503 HEAD DETAIL - SIDE
3" = 1'-0"



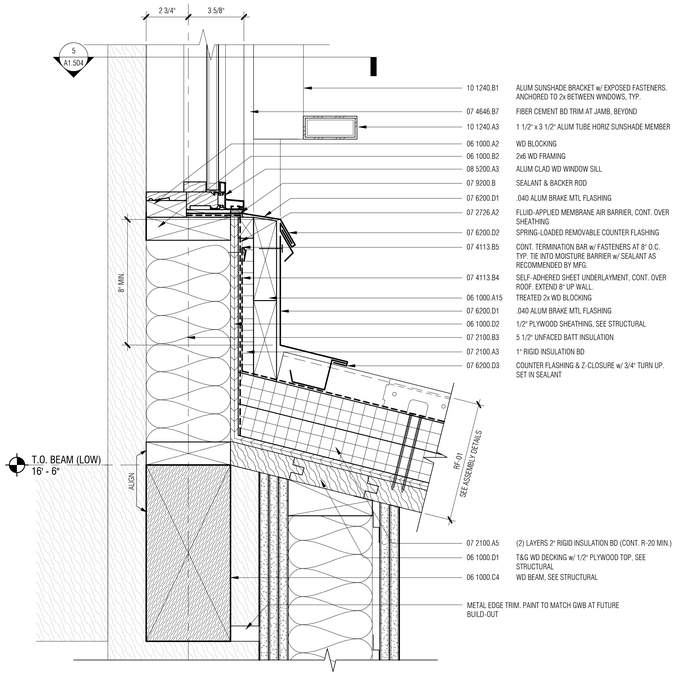
2 A1.503 HEAD DETAIL - CLERESTORY
3" = 1'-0"



5 A1.503 HEAD DETAIL - SIDE
3" = 1'-0"



3 A1.503 SILL DETAIL - SIDE
3" = 1'-0"



1 A1.503 SILL DETAIL - CLERESTORY
3" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
Author

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Checker

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF: 100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. MCBOLD
COLUMBIA, SC
12995
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
WINDOW DETAILS

SHEET NUMBER
A1.503

WTS WATSON TATE SAVORY
WTS Project No. 1406

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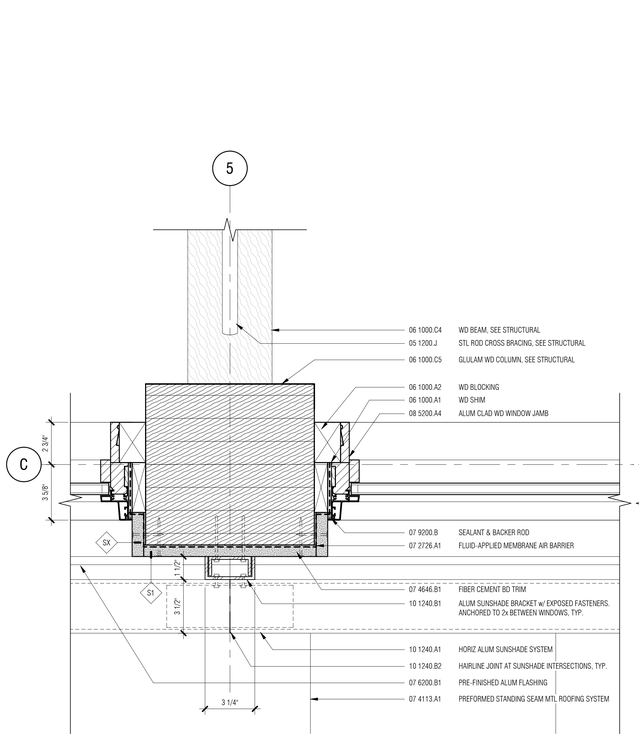
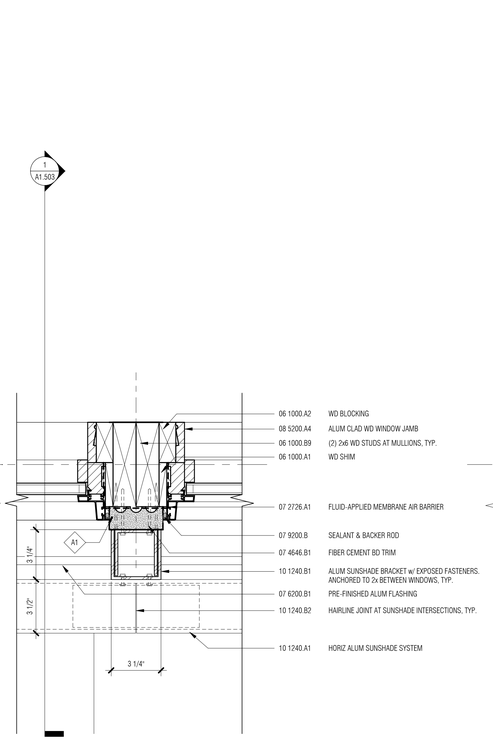
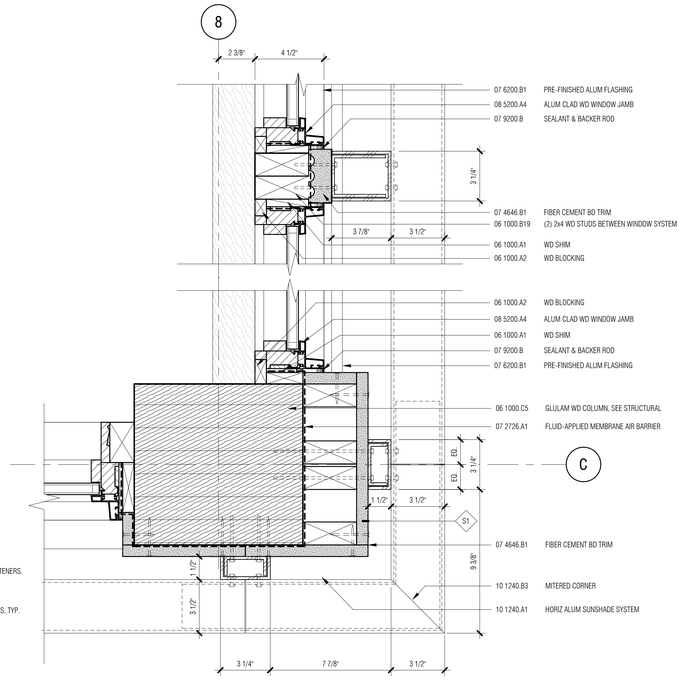
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6618 ▮ Fax 843.681.7065 ▮ www.woodandpartners.com

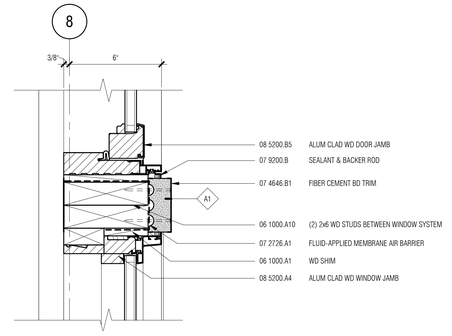




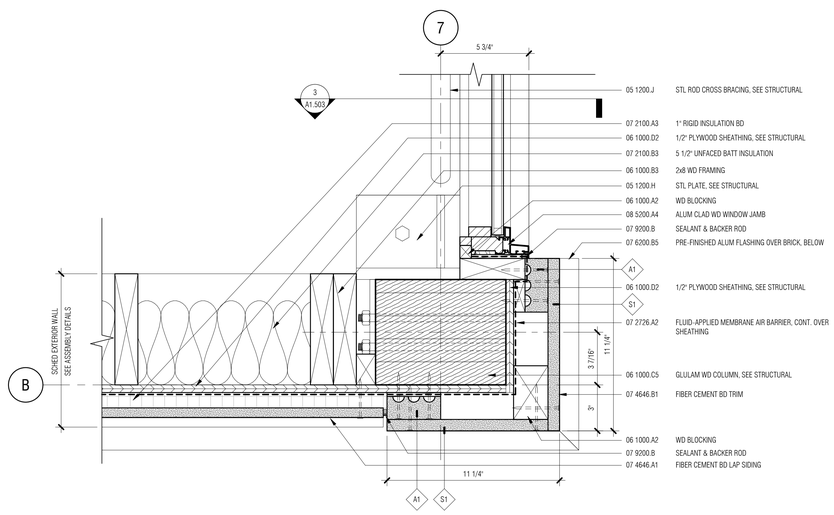
5 A1.504 TYP. PLAN DETAIL - CLERESTORY WINDOW
3" = 1'-0"



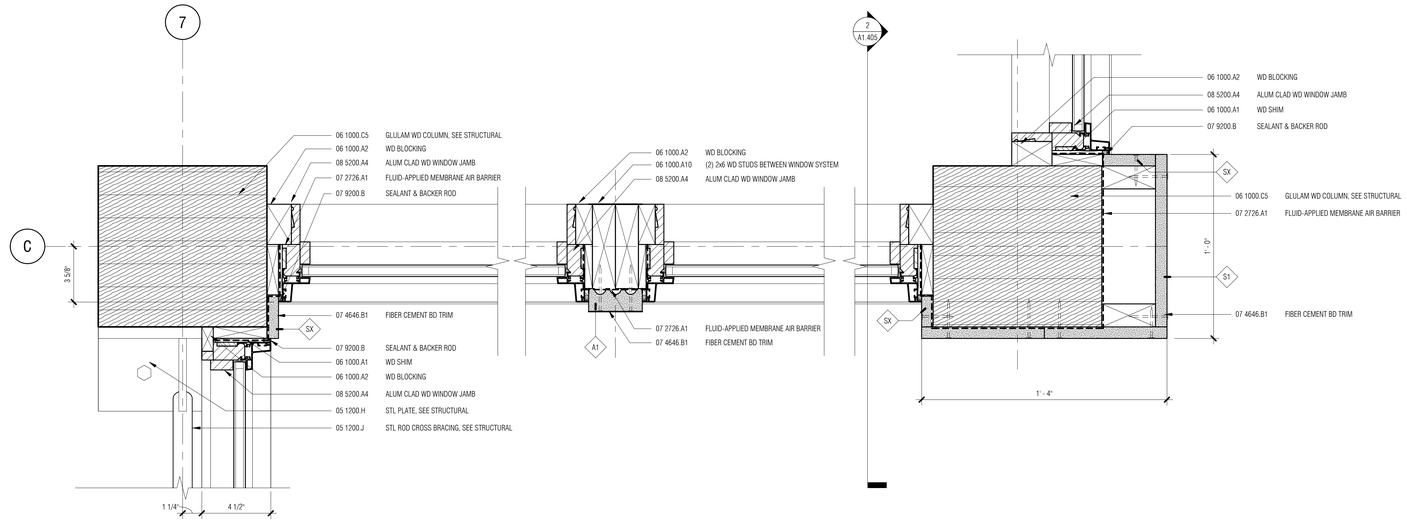
4 A1.504 PLAN DETAIL - CLERESTORY WINDOW CORNER
3" = 1'-0"



3 A1.504 JAMB DETAIL - ENTRANCE
3" = 1'-0"



2 A1.504 PLAN DETAIL - CORNER
3" = 1'-0"



1 A1.504 PLAN DETAIL - WINDOW
3" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MPN
CHECKED BY:
EMB

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. KELLY
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
WINDOW PLAN DETAILS

SHEET NUMBER
A1.504

WTS
WATSON TATE SAVORY
WTS Project No. 1406

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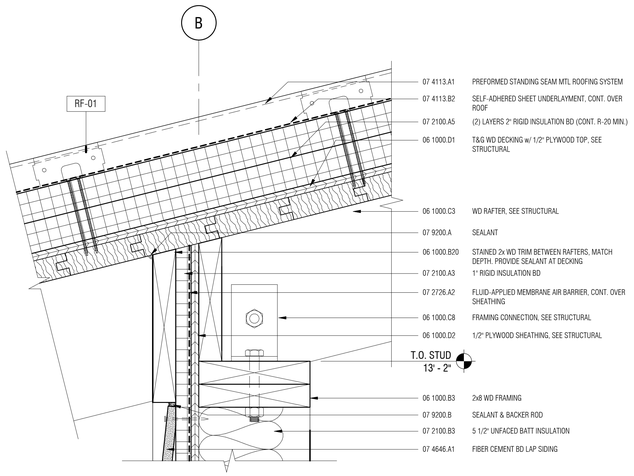
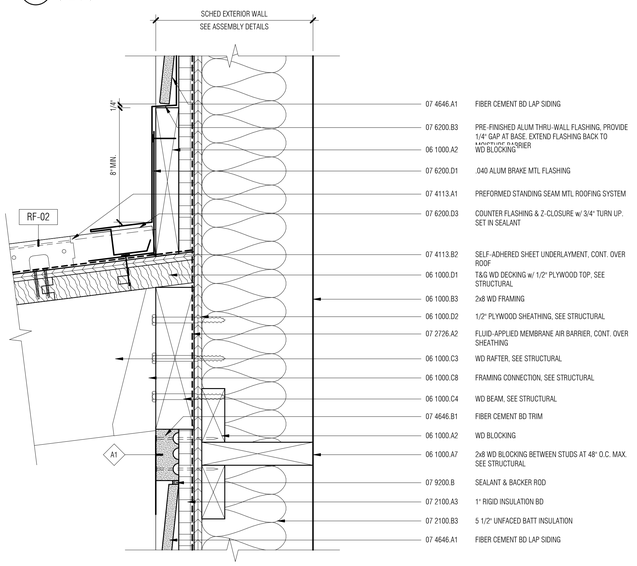
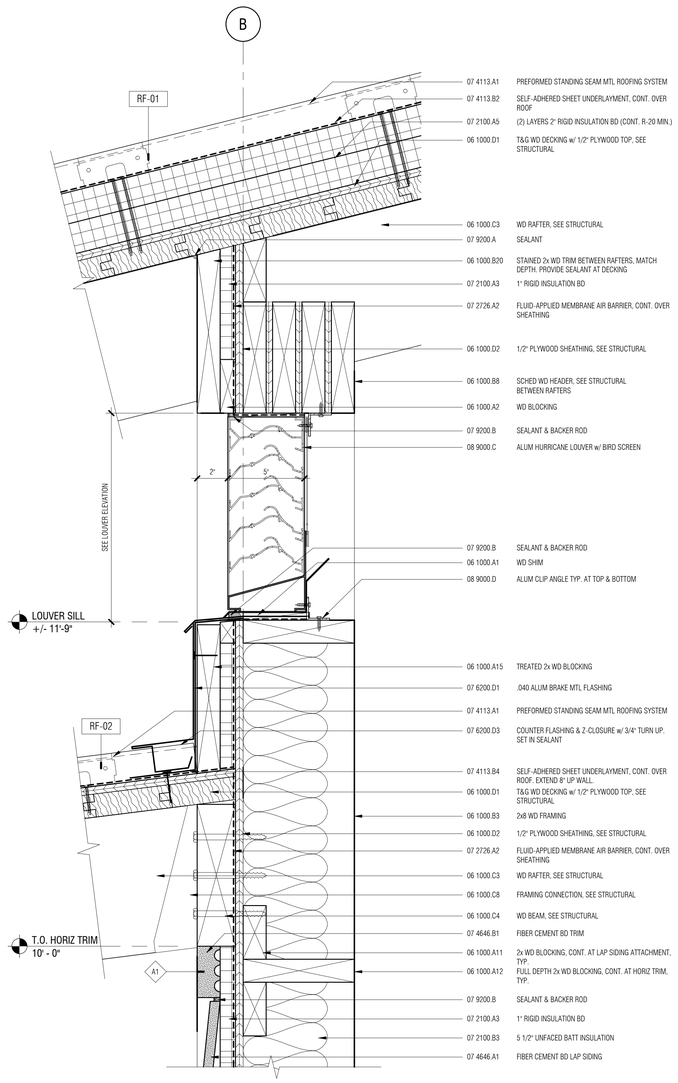


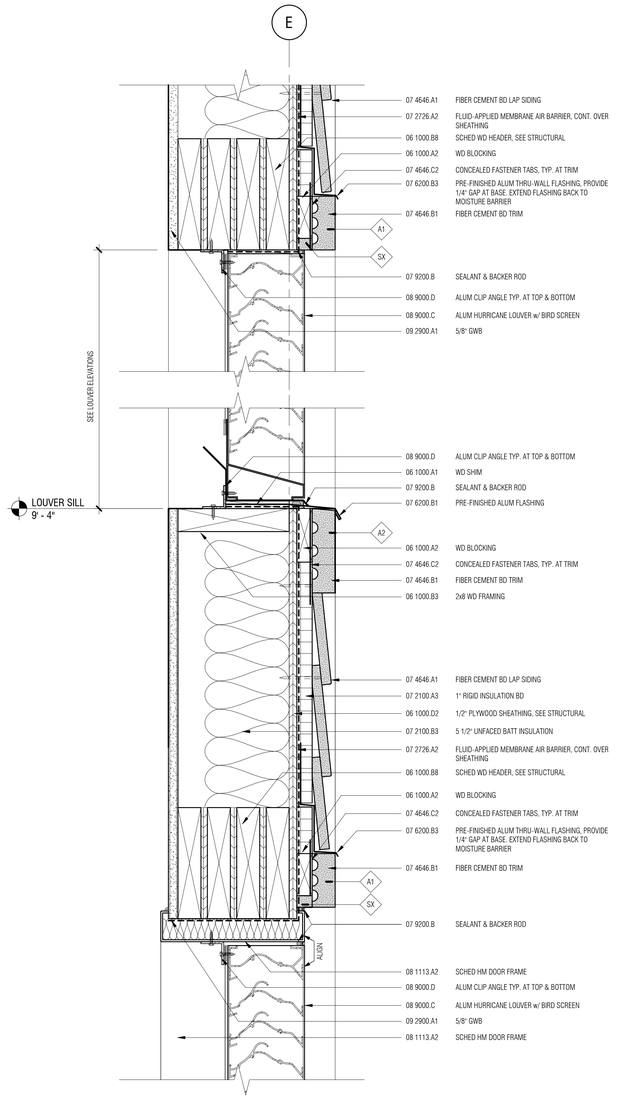
7 / A1.505 EXTERIOR DETAIL - T.O. EXT. WALL
3" = 1'-0"



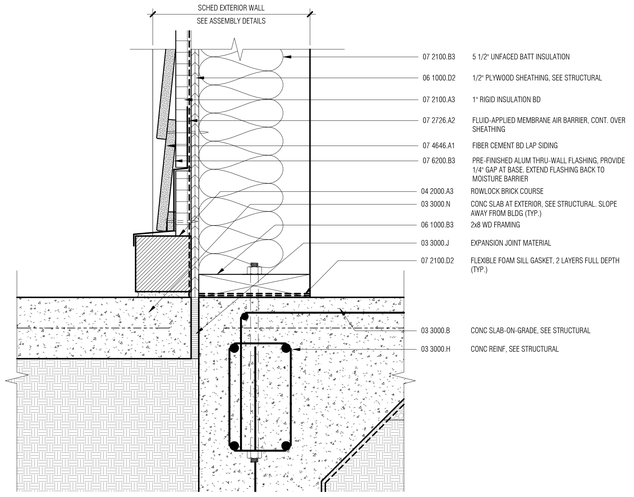
6 / A1.505 EXTERIOR DETAIL - PORCH FRAMING
3" = 1'-0"



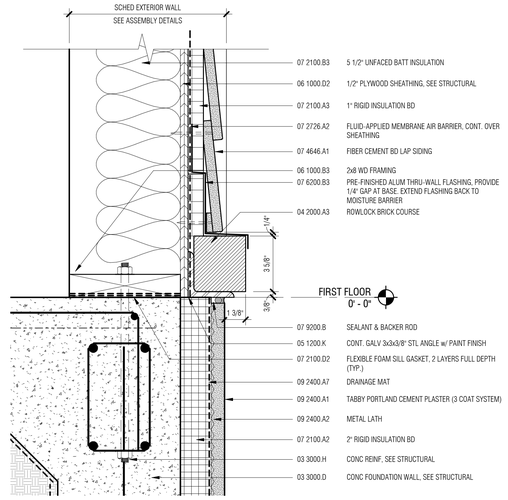
4 / A1.505 LOUVER DETAIL
3" = 1'-0"



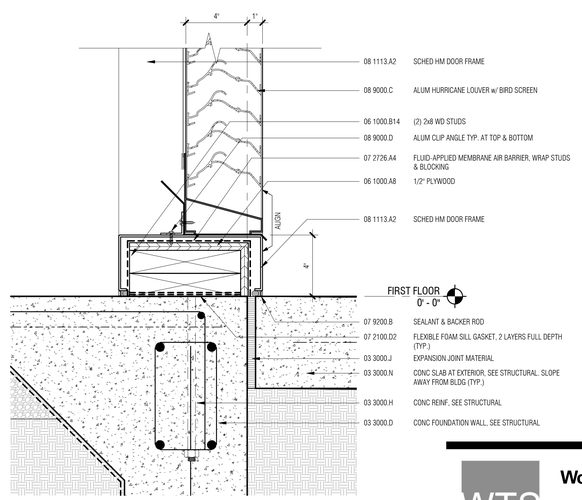
2 / A1.505 HEAD DETAIL - LOUVER
3" = 1'-0"



5 / A1.505 EXTERIOR DETAIL - BASE AT PORCH
3" = 1'-0"



3 / A1.505 EXTERIOR DETAIL - BASE AT STUCCO
3" = 1'-0"



1 / A1.505 SILL DETAIL - LOUVER
3" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
Author

CHECKED BY:
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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF. 100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. TATE
COLUMBIA, SC
12795
REGISTERED ARCHITECT

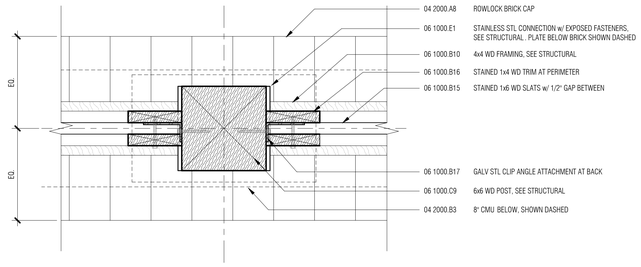
#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
EXTERIOR DETAILS

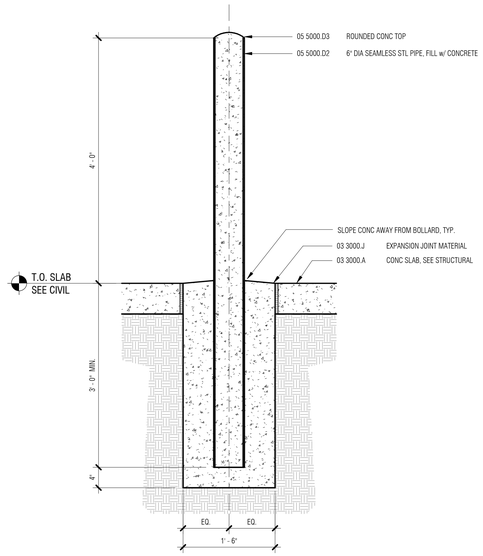
WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

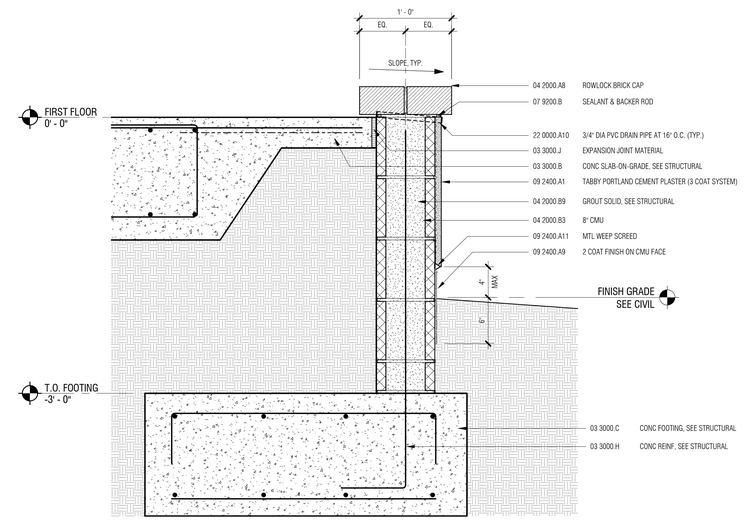
SHEET NUMBER
A1.505



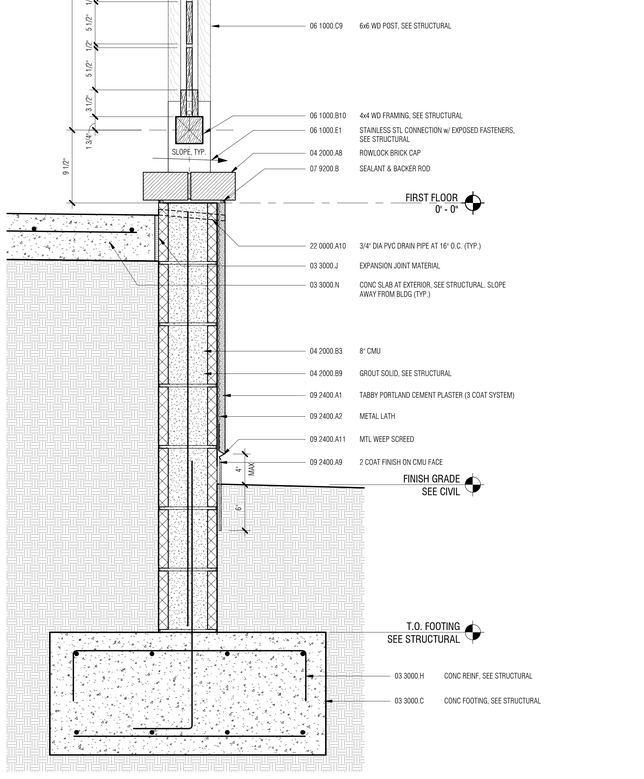
6 / A1.601 PLAN DETAIL - MECH ENCLOSURE
3" = 1'-0"



5 / A1.601 TYP. BOLLARD DETAIL - TRASH ENCLOSURE
1" = 1'-0"



4 / A1.601 WALL SECTION - ENTRANCE
1 1/2" = 1'-0"



2 / A1.601 WALL SECTION - MECH. ENCLOSURE
1 1/2" = 1'-0"

3 / A1.601 WALL SECTION - TRASH ENCLOSURE
1 1/2" = 1'-0"

1 / A1.601 WALL SECTION - RAILING
1 1/2" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MPN

CHECKED BY:
EMB

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF. 100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WATSON
COLUMBIA, SC
13208
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
SITE DETAILS

SHEET NUMBER
A1.601

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

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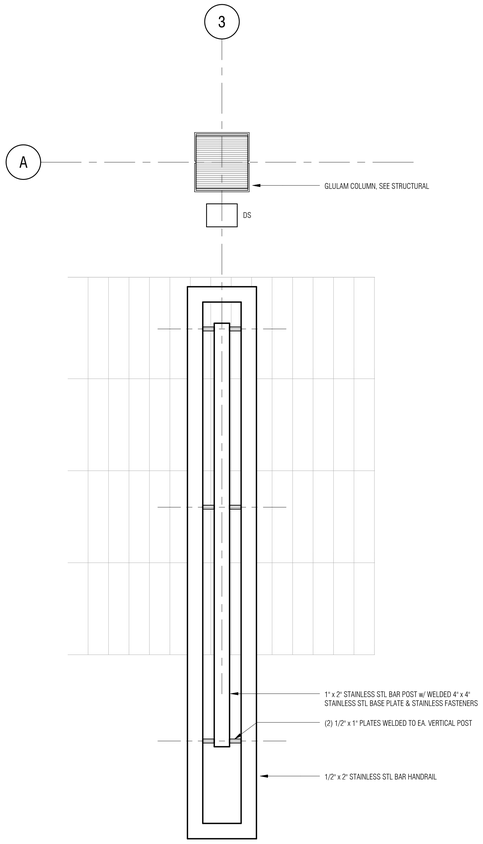
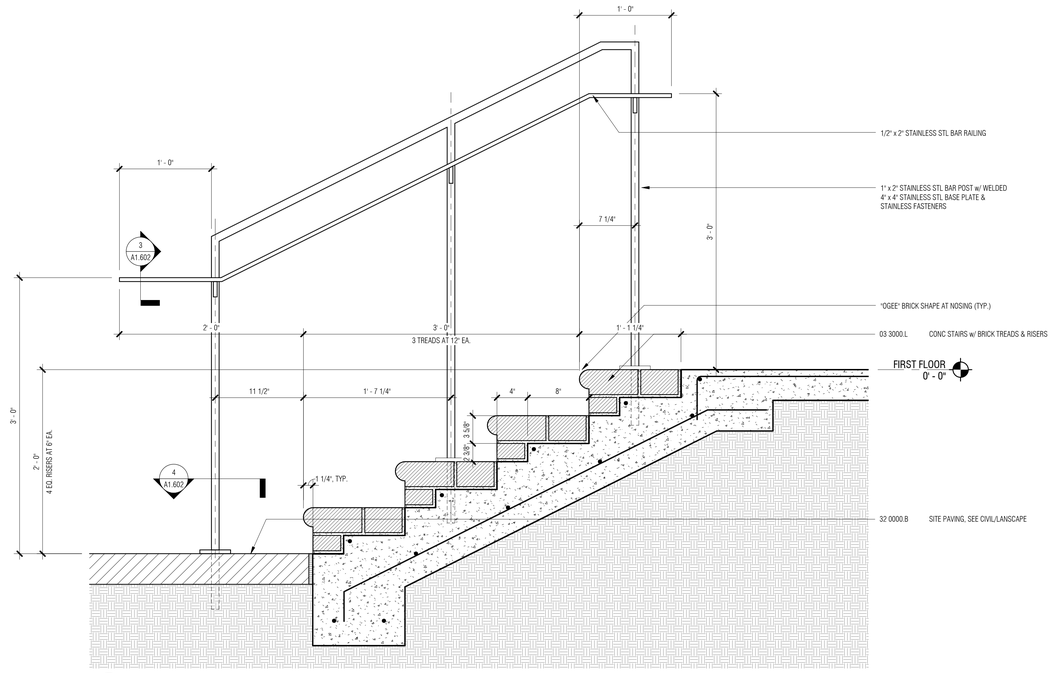
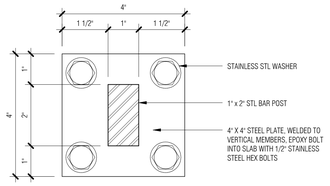


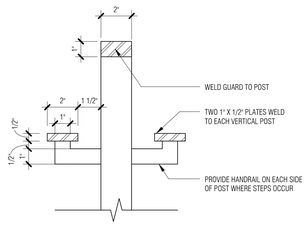


2 A1.602 **STAIR SECTION - ENTRANCE**
1 1/2" = 1'-0"

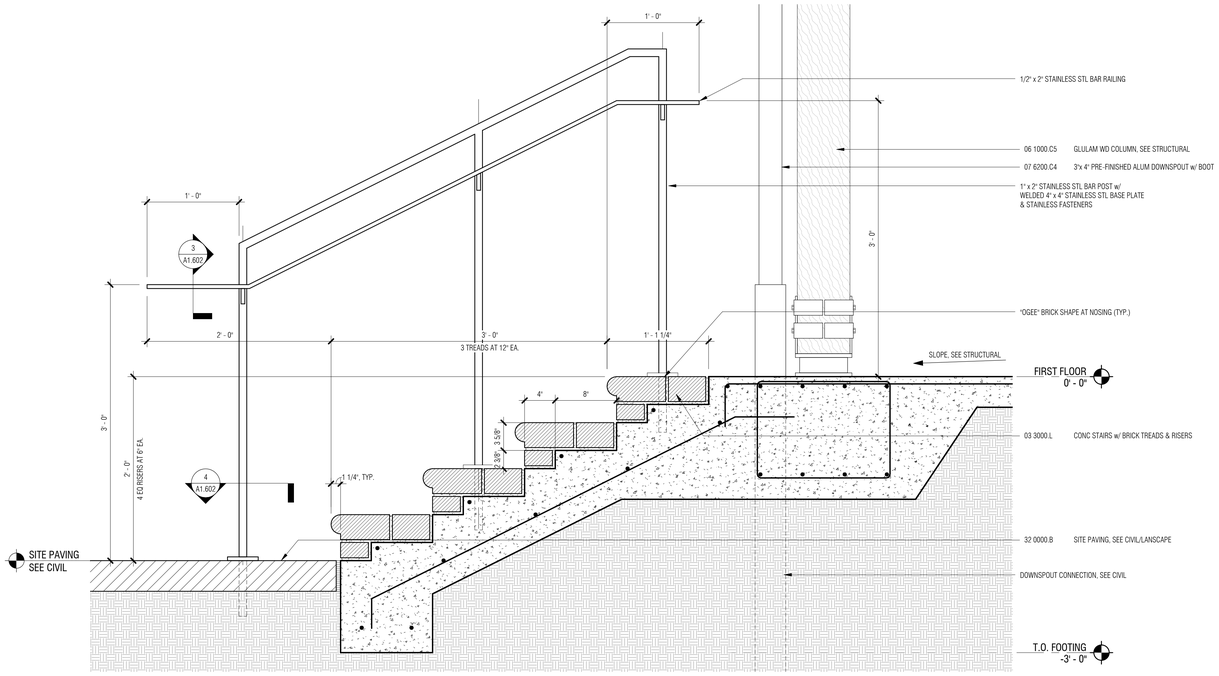
5 A1.602 **PLAN DETAIL - RAILING**
1 1/2" = 1'-0"



4 A1.602 **POST DETAIL**
6" = 1'-0"



3 A1.602 **HANDRAIL DETAIL**
3" = 1'-0"



1 A1.602 **STAIR SECTION - PORCH**
1 1/2" = 1'-0"

Town of Hilton Head Island
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CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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Author
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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE A. REECE
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
STAIR DETAILS

SHEET NUMBER
A1.602

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
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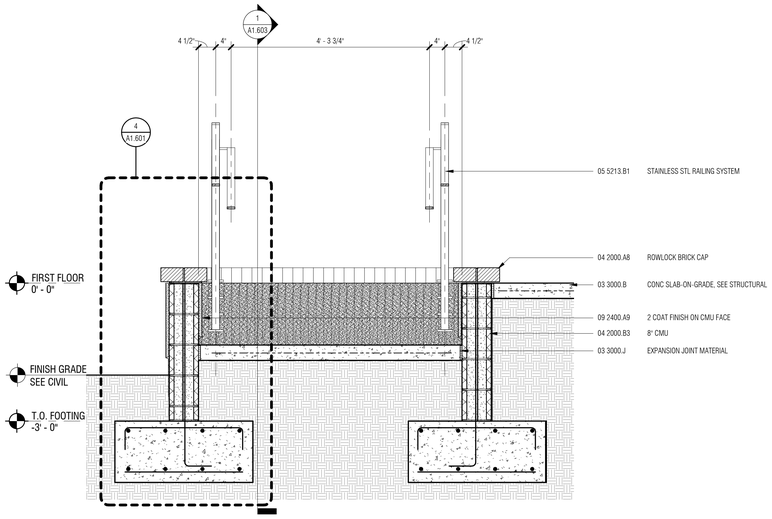
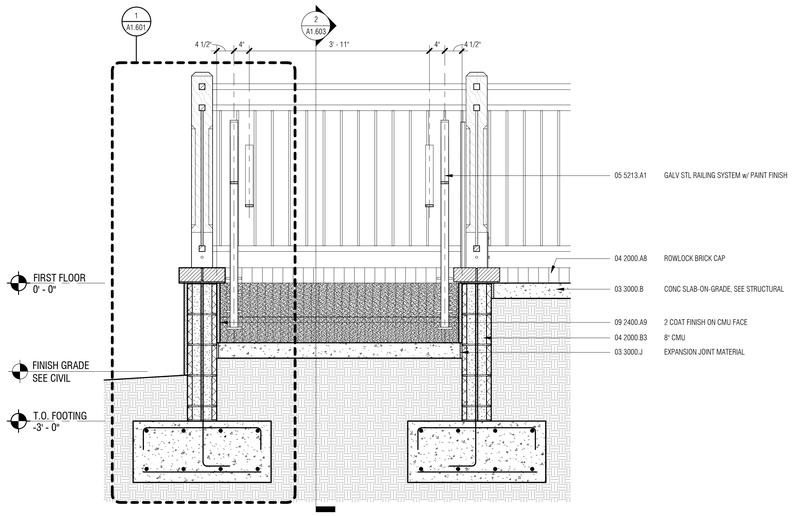
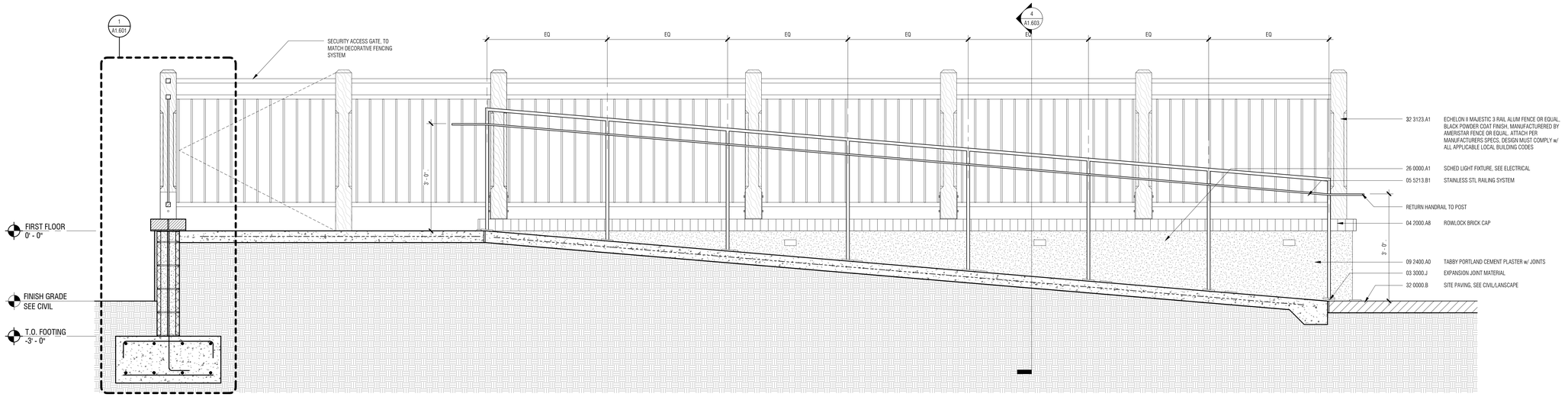


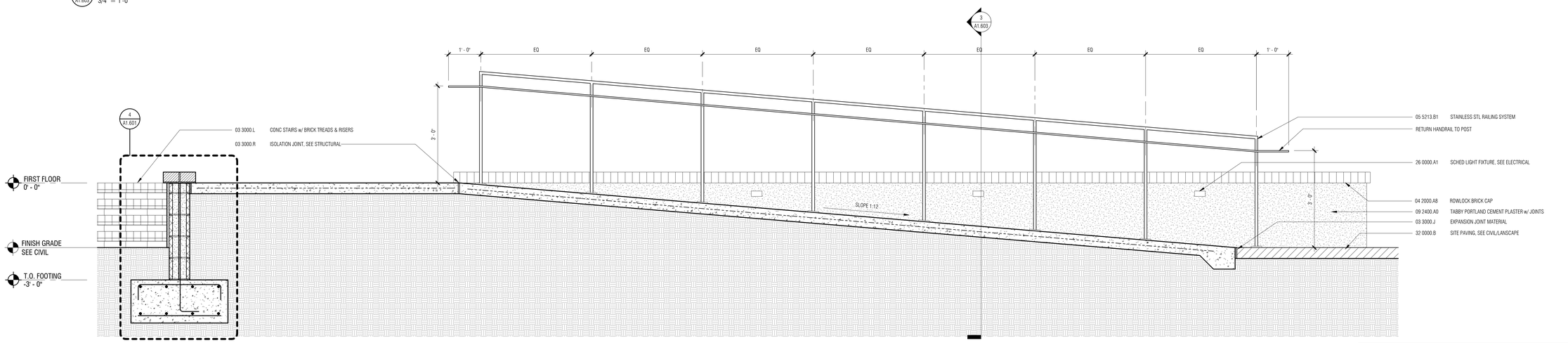
3 A1.603 RAMP SECTION - FRONT
3/4" = 1'-0"



4 A1.603 RAMP SECTION - BACK
3/4" = 1'-0"



2 A1.603 RAMP SECTION - BACK
3/4" = 1'-0"



1 A1.603 RAMP SECTION - FRONT
3/4" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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Author

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. TATE
COLUMBIA, SC
12295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

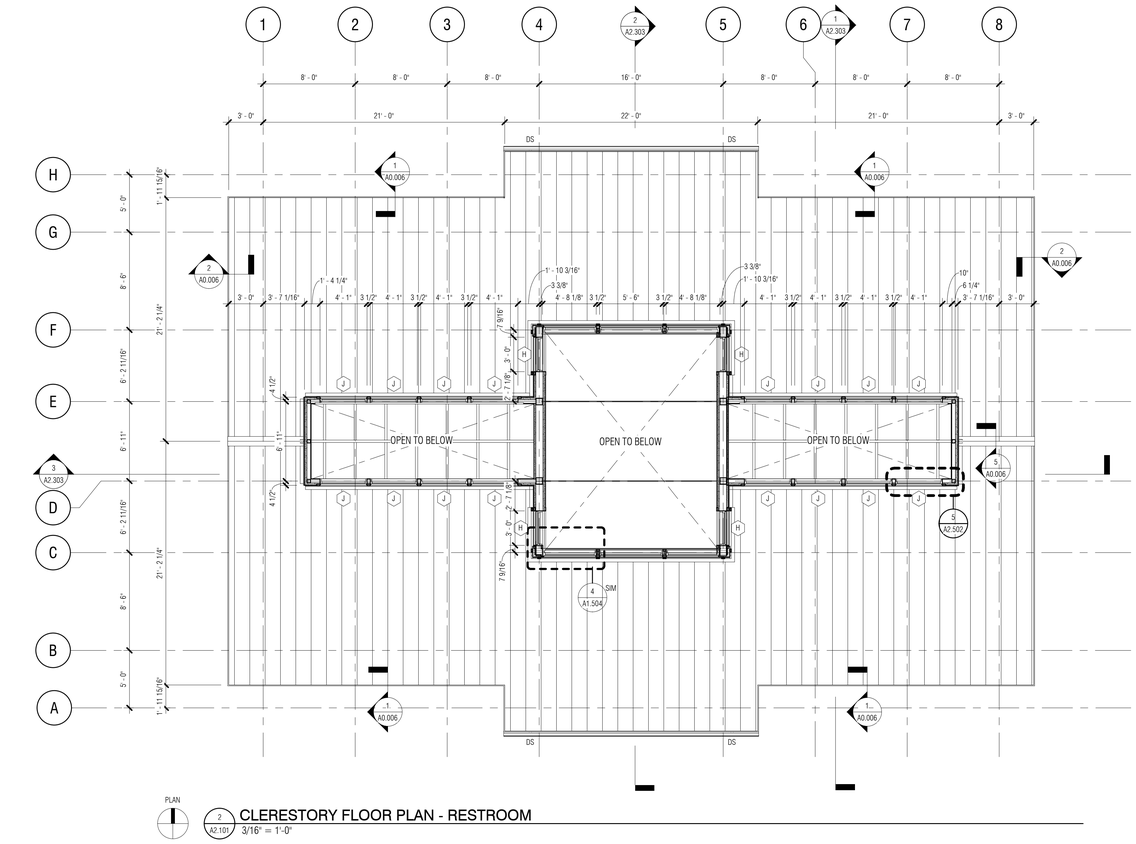
DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
RAMP DETAILS

WTS
WATSON TATE SAVORY
WTS Project No. 1406

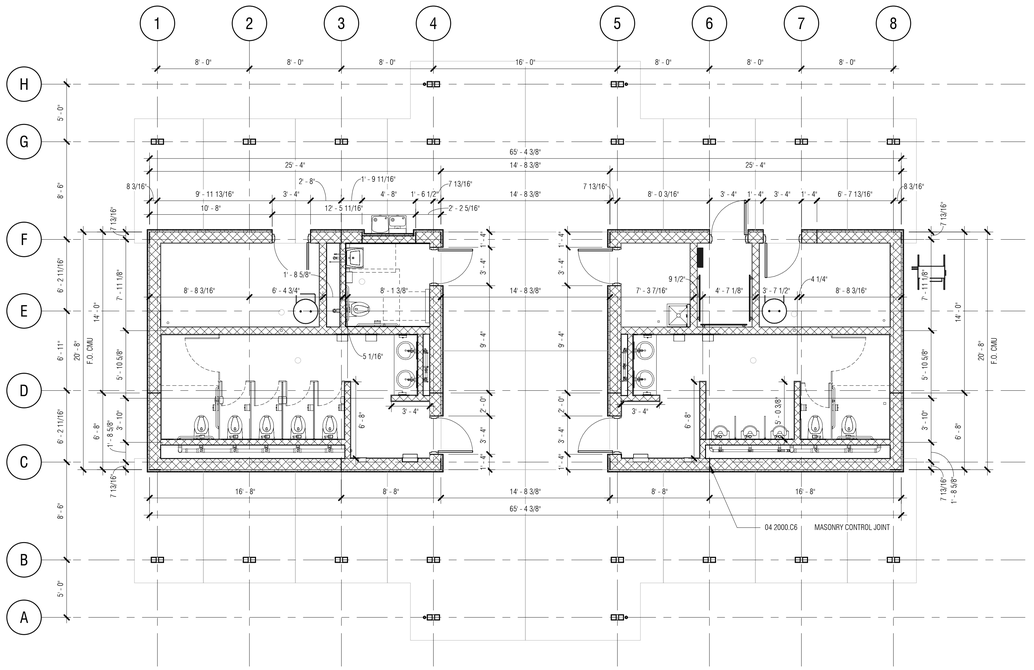
Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ▪ Hilton Head Island, SC 29925
843.681.6618 ▪ Fax 843.681.7068 ▪ www.woodandpartners.com

SHEET NUMBER
A1.603

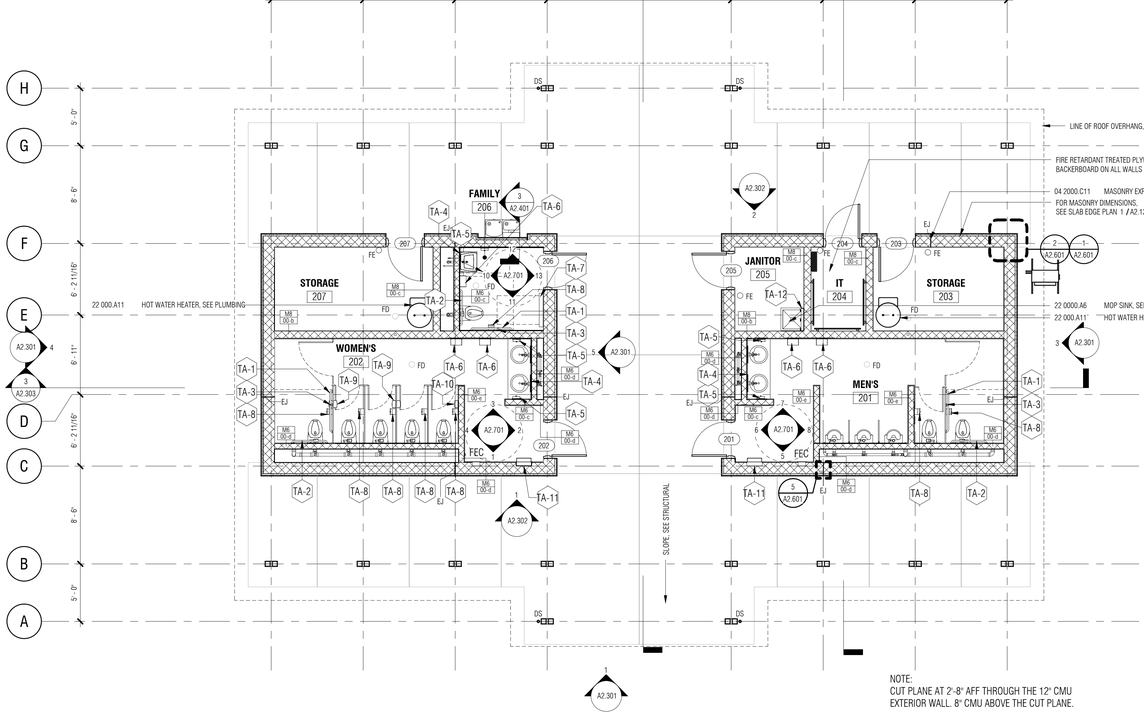
TOILET ACCESSORIES				
NO.	**ITEM**	**MOUNTING HEIGHT**	**MFG.**	**MODEL NO.**
TA-1	42" STAINLESS STEEL GRAB BAR w/ SATIN FINISH (HORIZONTALLY MOUNTED)	34" TO T.O. BAR	BOBRICK	B-5806 x 42
TA-2	36" STAINLESS STEEL GRAB BAR w/ SATIN FINISH (HORIZONTALLY MOUNTED)	34" TO T.O. BAR	BOBRICK	B-5806 x 36
TA-3	18" STAINLESS STEEL GRAB BAR w/ SATIN FINISH (VERTICALLY MOUNTED)	40" TO CL OF BOTTOM BAR	BOBRICK	B-5806 x 18
TA-4	B-165 1836 CHANNEL FRAME MIRROR	40" TO B.O. REFLECTIVE SURFACE	BOBRICK	B-165 1836
TA-5	SOAP DISPENSER (SURFACE-MOUNTED)	48" TO DISPENSER	BOBRICK	B-2112
TA-6	XLERATOR HAND DRYER (SURFACE MOUNTED)	37" TO B.O. DRYER	EXCEL DRYER	XL-SB
TA-7	BABY CHANGING STATION (SURFACE MOUNTED)	34" TO WORK SURFACE	BOBRICK	KB110-SSWM
TA-8	MULTI-ROLL TOILET TISSUE DISPENSER (SURFACE-MOUNTED)	18" TO B.O. DISPENSER	BOBRICK	B-2888
TA-9	DUAL SANITARY NAPKIN DISPOSAL	30" AFF	BOBRICK	B-4354
TA-10	SINGLE SANITARY NAPKIN DISPOSAL	30" AFF	BOBRICK	B-4353
TA-11	RECESSED WASTE RECEPTACLE WITH LINER HOLDER	41" TO TOP OF RECEPTACLE	BOBRICK	B-43644
TA-12	MOP HOLDER	70" TO TOP	BOBRICK	B-223 x 24



PLAN 2 A2.101 **CLERESTORY FLOOR PLAN - RESTROOM**
3/16" = 1'-0"



PLAN 3 A2.101 **DIMENSION FLOOR PLAN - RESTROOM**
3/16" = 1'-0"



NOTE:
CUT PLANE AT 2'-8" AFF THROUGH THE 12" CMU EXTERIOR WALL. 8" CMU ABOVE THE CUT PLANE.

PLAN 1 A2.101 **FLOOR PLAN - RESTROOM**
3/16" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. TATE
COLUMBIA, SC
12295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DRAWN BY: MPN
CHECKED BY: EMB

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DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
FLOOR PLANS

SHEET NUMBER
A2.101

WTS WATSON TATE SAVORY
WTS Project No. 1406
Wood+Partners Inc. WiPi
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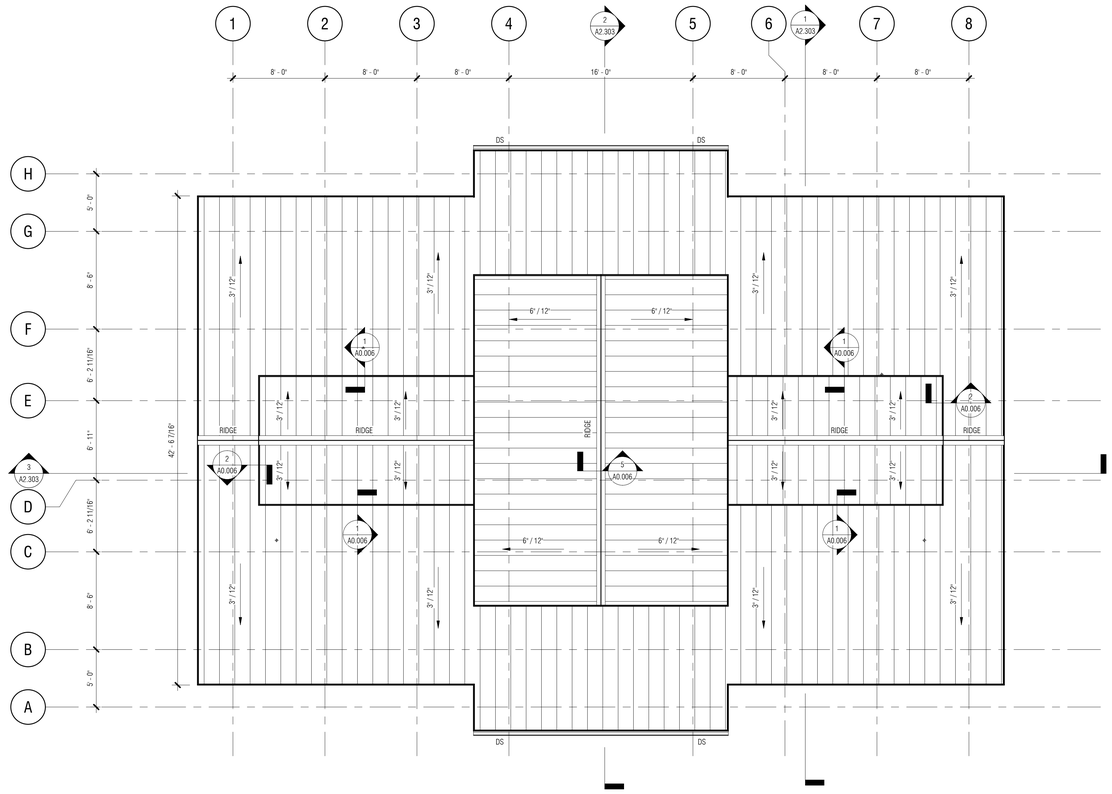

PLAN

1 A2.102 ROOF PLAN - RESTROOM

3/16" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. BELL
COLUMBIA, SC
7398
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

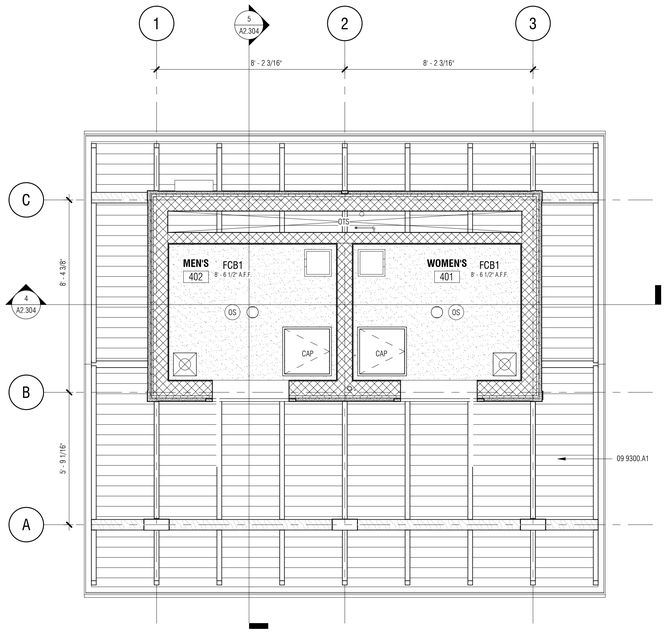
SHEET TITLE
ROOF PLAN

SHEET NUMBER
A2.102

WTS WATSON TATE SAVORY
WTS Project No. 1406

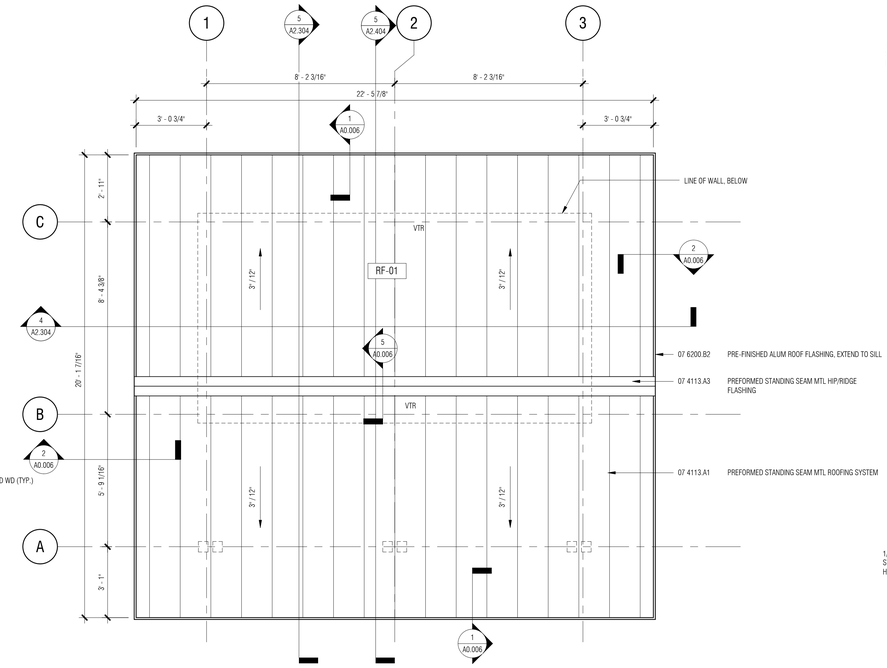
Wood+Partners Inc. WiPi
Landscape Architects
Land Planners

PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com



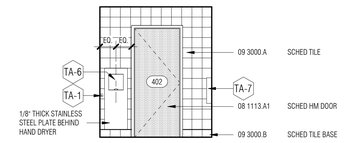
PLAN

4 A2.103 REFLECTED CEILING PLAN - POOL RESTROOM
3/8" = 1'-0"

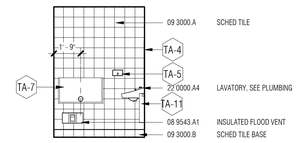


PLAN

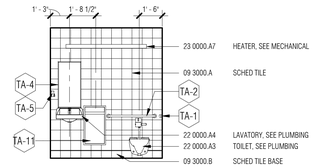
3 A2.103 ROOF PLAN - POOL RESTROOM
3/8" = 1'-0"



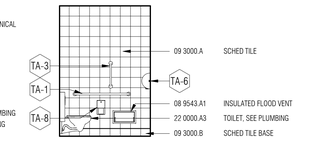
12 A2.103 SOUTH ELEVATION - MEN'S 402
1/4" = 1'-0"



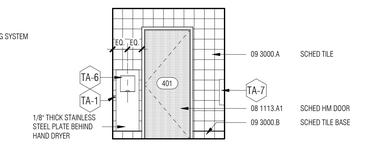
11 A2.103 WEST ELEVATION - MEN'S 402
1/4" = 1'-0"



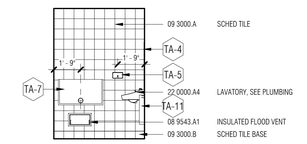
10 A2.103 NORTH ELEVATION - MEN'S 402
1/4" = 1'-0"



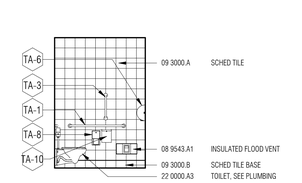
9 A2.103 EAST ELEVATION - MEN'S 402
1/4" = 1'-0"



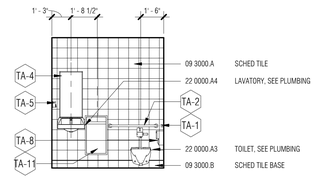
8 A2.103 SOUTH ELEVATION - WOMEN'S 401
1/4" = 1'-0"



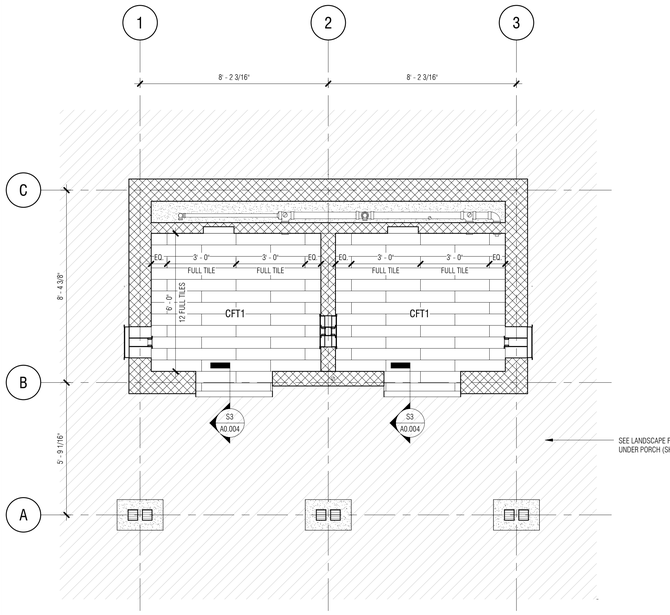
7 A2.103 WEST ELEVATION - WOMEN'S 401
1/4" = 1'-0"



6 A2.103 EAST ELEVATION - W0MEN'S 401
1/4" = 1'-0"

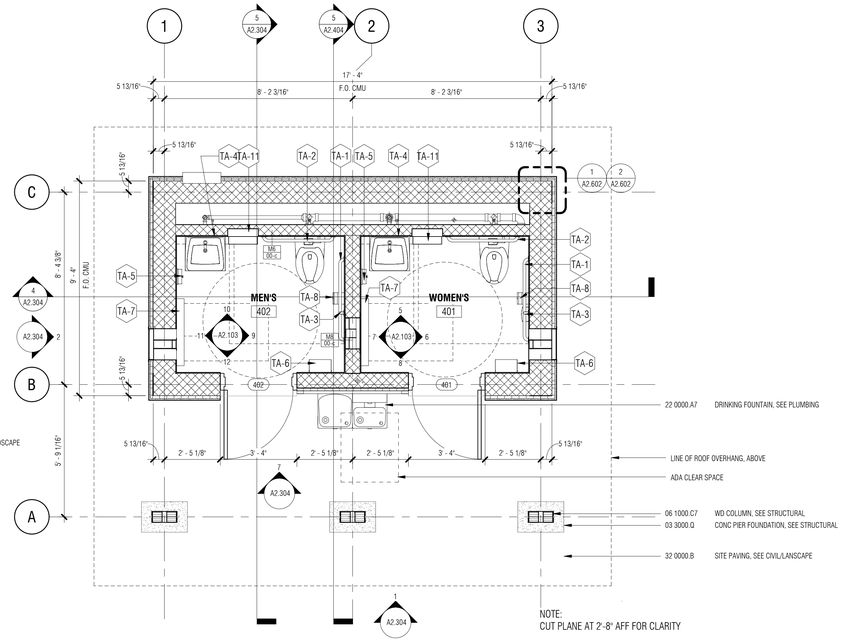


5 A2.103 NORTH ELEVATION - WOMEN'S 401
1/4" = 1'-0"



PLAN

2 A2.103 SLAB EDGE PLAN - POOL RESTROOM
3/8" = 1'-0"



NOTE:
CUT PLANE AT 2'-8" AFF FOR CLARITY

PLAN

1 A2.103 FLOOR PLAN - POOL RESTROOM
3/8" = 1'-0"

TOILET ACCESSORIES

NO.	ITEM	MOUNTING HEIGHT	MFG.	MODEL NO.
TA-1	42" STAINLESS STEEL GRAB BAR w/ SATIN FINISH (HORIZONTALLY MOUNTED)	34" TO T.O. BAR	BOBRICK	B-5806 x 42
TA-2	36" STAINLESS STEEL GRAB BAR w/ SATIN FINISH (HORIZONTALLY MOUNTED)	34" TO T.O. BAR	BOBRICK	B-5806 x 36
TA-3	18" STAINLESS STEEL GRAB BAR w/ SATIN FINISH (VERTICALLY MOUNTED)	40" TO CL OF BOTTOM BAR	BOBRICK	B-5806 x 18
TA-4	BOBRICK B-165 1836 CHANNEL FRAME MIRROR	40" TO B.O. REFLECTIVE SURFACE	BOBRICK	B-165 1836
TA-5	SOAP DISPENSER w/ STAINLESS STL FINISH (SURFACE-MOUNTED)	48" TO DISPENSER	BOBRICK	B-2112
TA-6	XLERATOR HAND DRYER (SURFACE-MOUNTED)	37" TO B.O. DRYER	EXCEL DRYER	XL-SB
TA-7	BABY CHANGING STATION w/ STAINLESS STL FINISH (SURFACE MOUNTED)	34" TO WORK SURFACE	BOBRICK	KB110-SSWM
TA-8	TOILET TISSUE DISPENSER w/ STAINLESS STL FINISH (SURFACE-MOUNTED)	18" TO B.O. DISPENSER	BOBRICK	B-2888
TA-10	SINGLE SANITARY NAPKIN DISPOSAL	30" AFF	BOBRICK	B-4353
TA-11	RECESSED WASTE RECEPTACLE WITH LINER HOLDER	41" TO TOP OF RECEPTACLE	BOBRICK	B-43644

SYMBOL LEGEND:

MATERIALS
- FCB1 — FIBER CEMENT BOARD ON 2x4 WD STUDS AT 12" O.C.
- OTS — OPEN TO STRUCTURE

ANNOTATION
- GWB1 — CEILING TYPE
- 9'-0" A.F.F. — FINISHED CEILING ELEVATION

LIGHT FIXTURES
- RECESSED DOWNLIGHT

MECHANICAL
- SUPPLY DIFFUSER
- RETURN DIFFUSER
- EXHAUST DIFFUSER
- UNIT HEATER
- EXHAUST FAN

POWER & TELEDATA
- OCC — OCCUPANCY SENSOR

LIFE SAFETY
- EXIT SIGN, ARROW INDICATED PATH OF TRAVEL
- F — FIRE ALARM DEVICE

MISC. FIXTURES
- CAP - 24" X 24" CEILING ACCESS PANEL BY NYSTROM OR APPROVED EQUAL, MODEL NO. NT. CONCEALED PIANO HINGE, WITH KEY OPERATED CYLINDER PROVIDED IN HARDWARE SPEC.. LOCATE ACCESS PANEL AS REQUIRED FOR MAINTENANCE TO THE MECHANICAL UNITS. LOCATE BETWEEN TRUSSES AND PROVIDE ADDITIONAL BLOCKING AS NECESSARY

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MPN
CHECKED BY: EMB

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA — WATSON TATE SAVORY, INC. — COLUMBIA, SC — ARF.100837 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — EUGENE M. WEEKS — LICENSED — COLUMBIA, SC — 23795 — REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
POOL RESTROOM PLANS

SHEET NUMBER
A2.103

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6618 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

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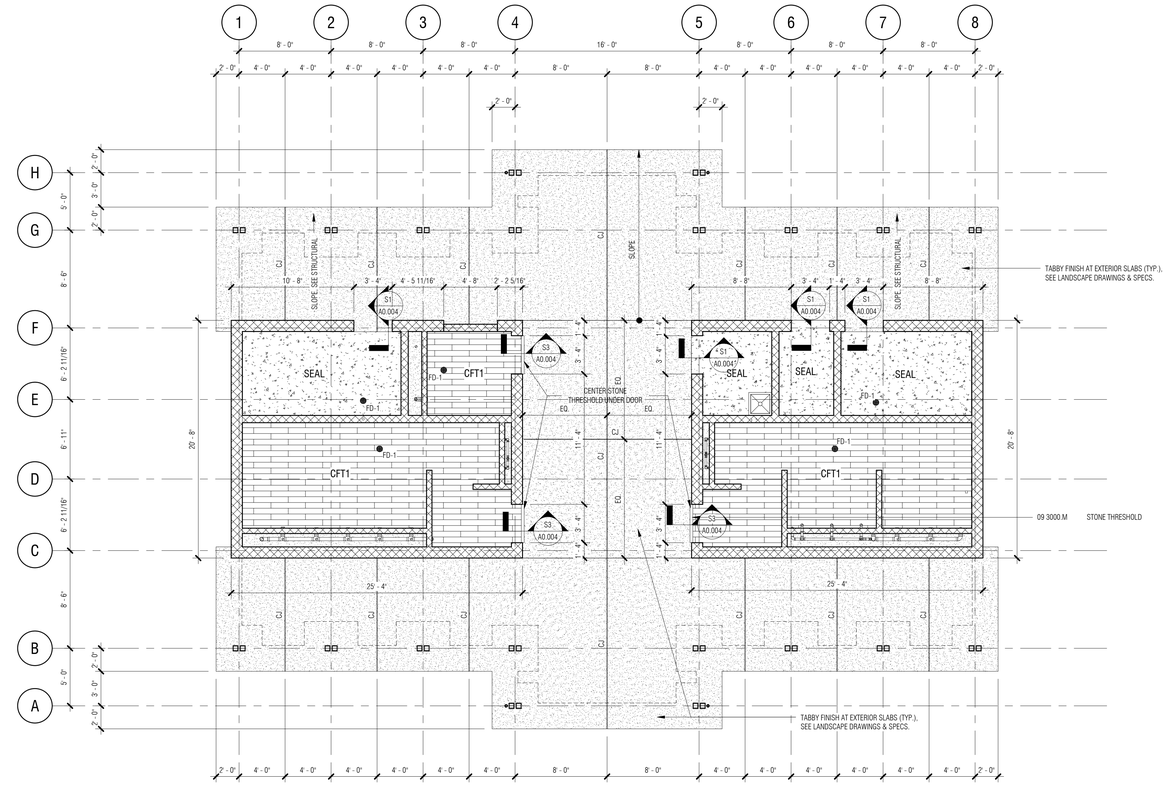

NOTE:
CUT PLANE AT 2'-8" AFF FOR CLARITY

PLAN 1 / A2.121 SLAB EDGE PLAN - RESTROOM
3/16" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MPN

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EMB

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PROFESSIONAL STAMPS:

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COLUMBIA, SC
ARF 100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WATSON
COLUMBIA, SC
12295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
SLAB EDGE PLAN

SHEET NUMBER
A2.121

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
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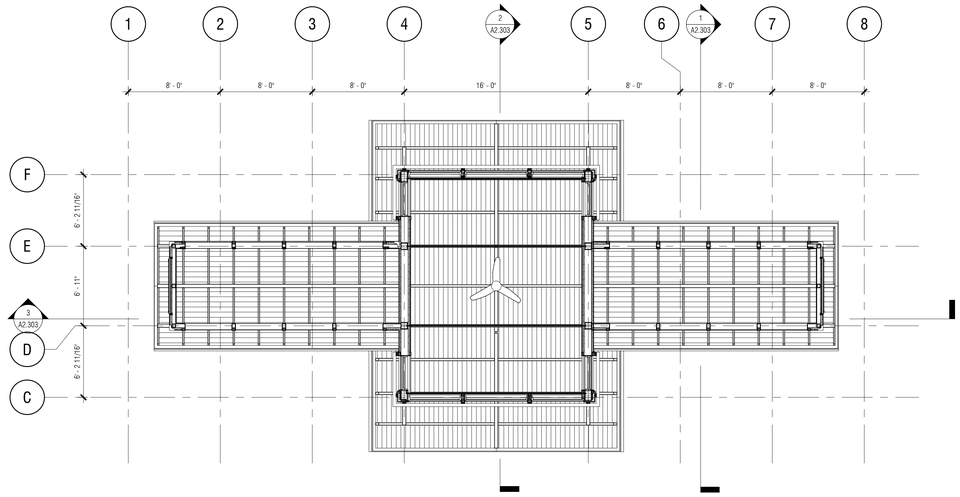
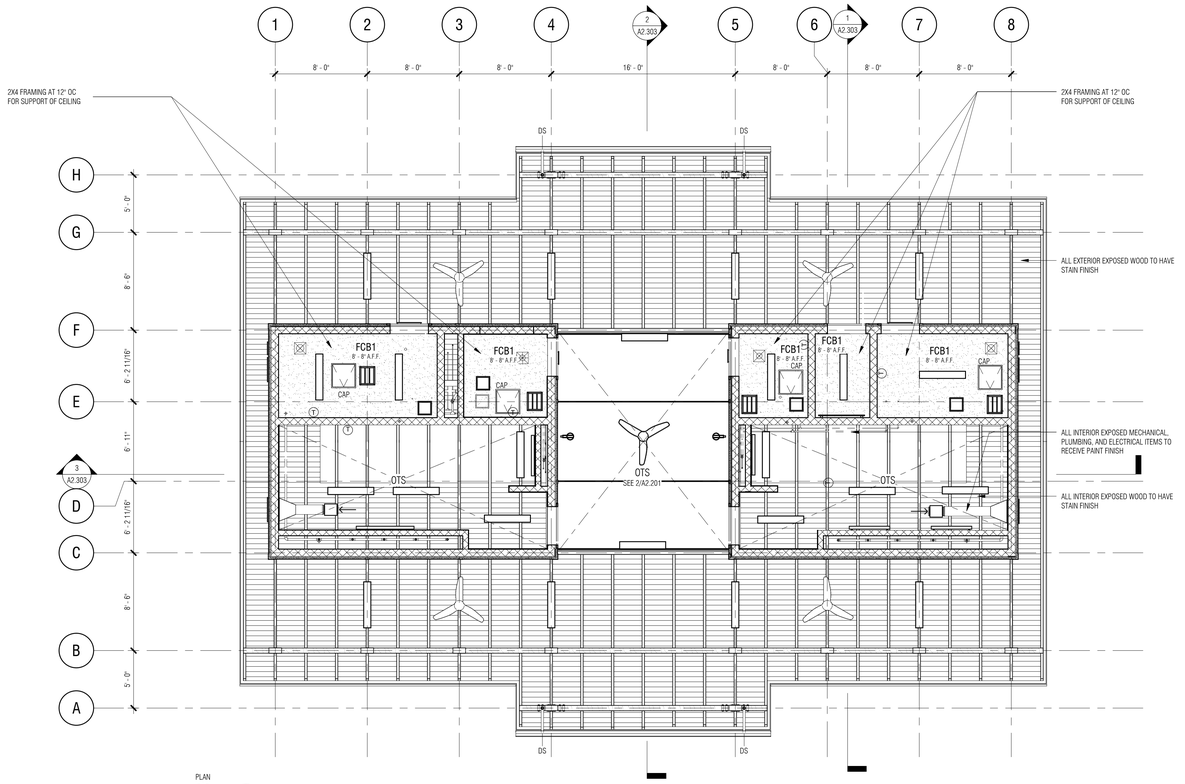


PLAN

2 A2.201 REFLECTED CEILING PLAN - CLERESTORY

3/16" = 1'-0"



PLAN

1 A2.201 REFLECTED CEILING PLAN - FIRST FLOOR

3/16" = 1'-0"

SYMBOL LEGEND:

MATERIALS

FCB1
FIBER CEMENT BOARD AS INDICATED ON PLAN

OTS
OPEN TO STRUCTURE

ANNOTATION

GWB1 — CEILING TYPE
9'-0" A.F.F. — FINISHED CEILING ELEVATION

LIGHT FIXTURES

2'-0" x 2'-0" RECESSED SEMI-INDIRECT FLUORESCENT

2'-0" x 4'-0" RECESSED SEMI-INDIRECT FLUORESCENT

RECESSED LINEAR WALLWASH

RECESSED DOWNLIGHT

STRIP LIGHT

MECHANICAL

SUPPLY DIFFUSER

RETURN DIFFUSER

EXHAUST DIFFUSER

LINEAR DIFFUSER

UNIT HEATER

EXHAUST FAN

POWER & TELEDATA

OCC — OCCUPANCY SENSOR

LIFE SAFETY

EXIT SIGN, ARROW INDICATED PATH OF TRAVEL

(F) (R) — FIRE ALARM DEVICE

MISC. FIXTURES

CAP - 24" X 24" CEILING ACCESS PANEL BY NYSTROM OR APPROVED EQUAL, MODEL NO. NT, CONCEALED PIANO HINGE, WITH KEY OPERATED CYLINDER PROVIDED IN HARDWARE SPEC., LOCATE ACCESS PANEL AS REQUIRED FOR MAINTENANCE TO THE MECHANICAL UNITS, LOCATE BETWEEN TRUSSES AND PROVIDE ADDITIONAL BLOCKING AS NECESSARY.

CEILING FAN; PROVIDE 2X BLOCKING, DEPTH OF JOISTS TO SUPPORT FANS, TYPICAL

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CONSTRUCTION DOCUMENTS
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COLIGNY PARK
Hilton Head Island, South Carolina

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REGISTERED ARCHITECT

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EUGENE M. BOLF
COLUMBIA, SC
12295
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DATE
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PROJECT NUMBER
01-16002
SHEET TITLE
REFLECTED CEILING PLANS

WTS
WATSON TATE SAVORY
WTS Project No: 1406

Wood+Partners Inc. WiPi
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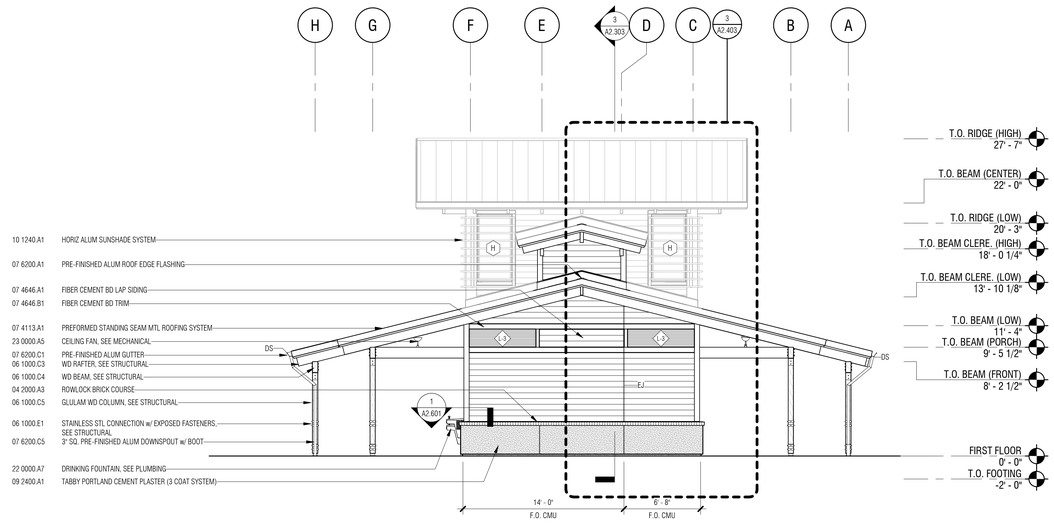
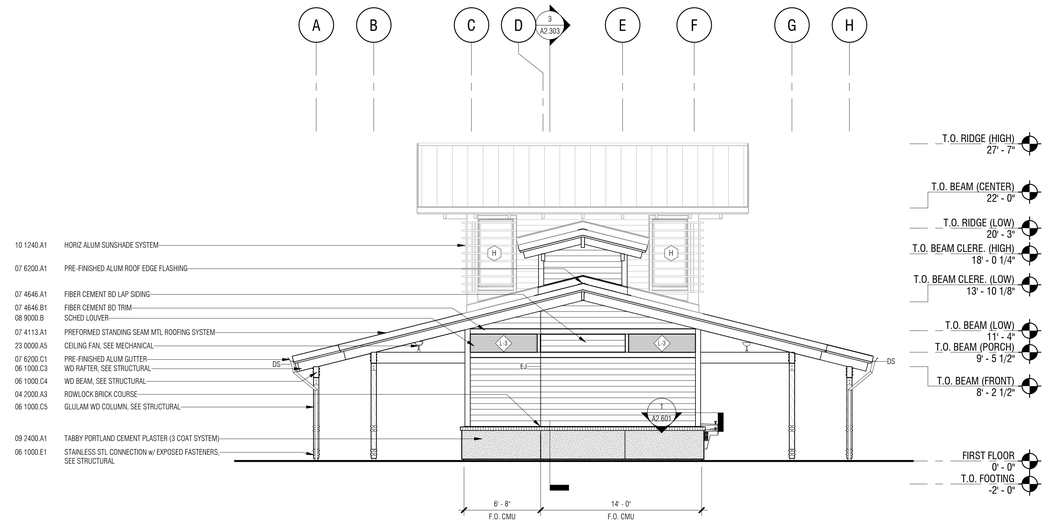
SHEET NUMBER
A2.201



4 A2.301 WEST ELEVATION - RESTROOM
3/16" = 1'-0"



3 A2.301 EAST ELEVATION - RESTROOM
3/16" = 1'-0"

5 A2.301 EAST ELEVATION - RESTROOM
3/16" = 1'-0"

2 A2.301 NORTH ELEVATION - RESTROOM
3/16" = 1'-0"

1 A2.301 SOUTH ELEVATION - RESTROOM
3/16" = 1'-0"

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CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. BULL
COLUMBIA, SC
12795
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
BUILDING ELEVATIONS

SHEET NUMBER
A2.301

WTS WATSON TATE SAVORY
WTS Project No. 1406

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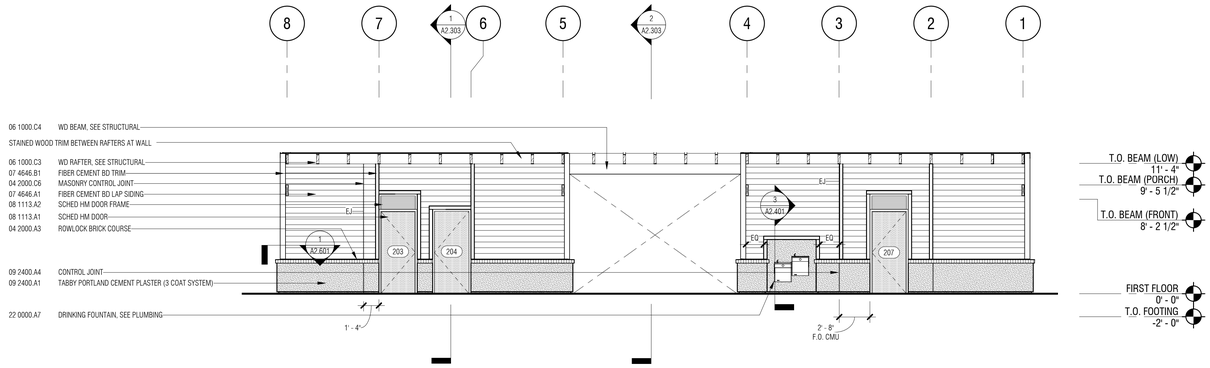
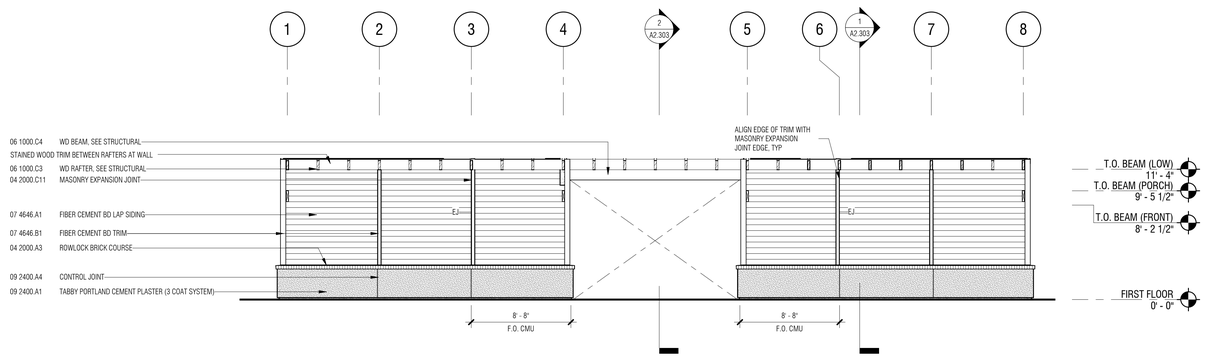
843.681.6618 ■ Fax 843.681.7088 ■ www.woodandpartners.com



2 / A2.302 NORTH ELEVATION PARTIAL - RESTROOM
3/16" = 1'-0"



1 / A2.302 SOUTH ELEVATION PARTIAL - RESTROOM
3/16" = 1'-0"

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Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
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COLIGNY PARK
Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. TATE
ARCHITECT
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
BUILDING ELEVATIONS

WTS
WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
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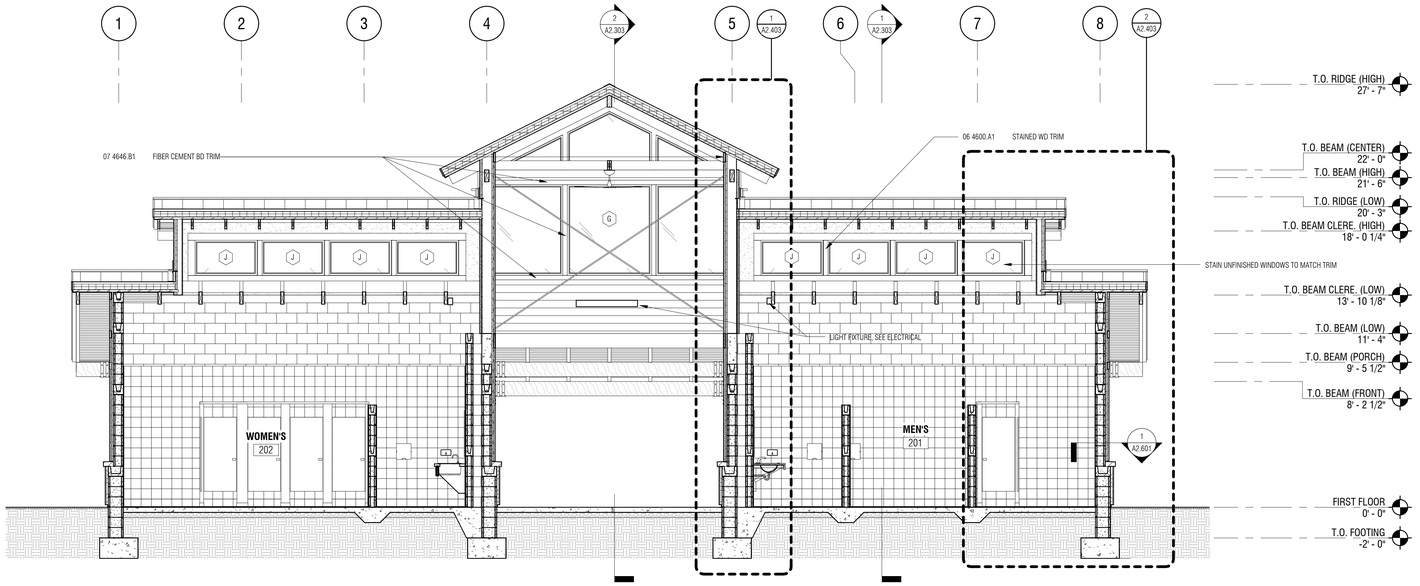
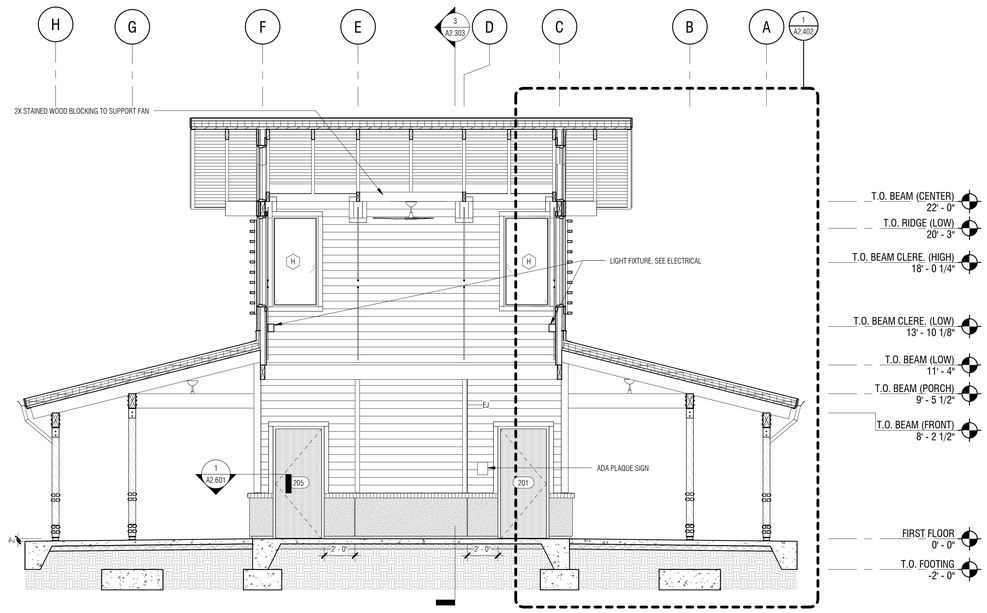
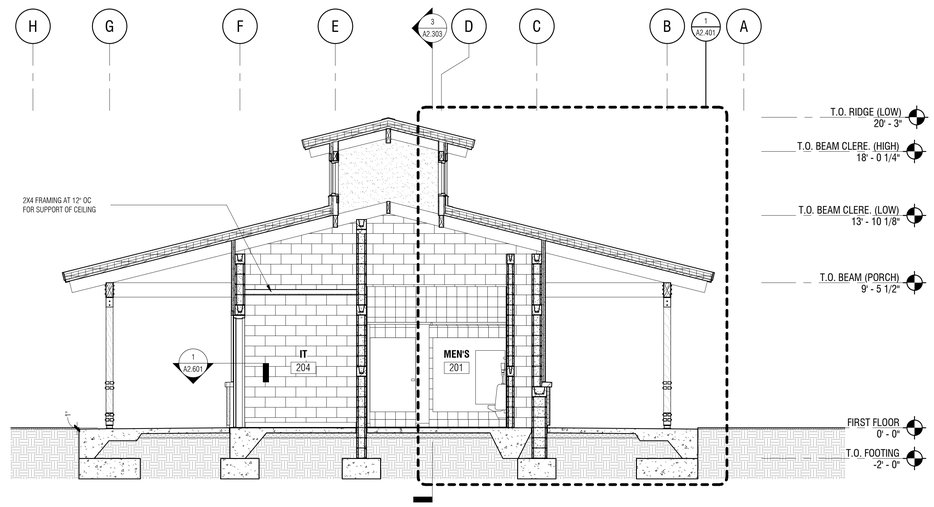
SHEET NUMBER
A2.302



3 A2.303 BUILDING SECTION
1/4" = 1'-0"



2 A2.303 BUILDING SECTION
1/4" = 1'-0"



1 A2.303 BUILDING SECTION
1/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF 100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WATSON
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
BUILDING SECTIONS

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7068 ■ www.woodandpartners.com

SHEET NUMBER
A2.303

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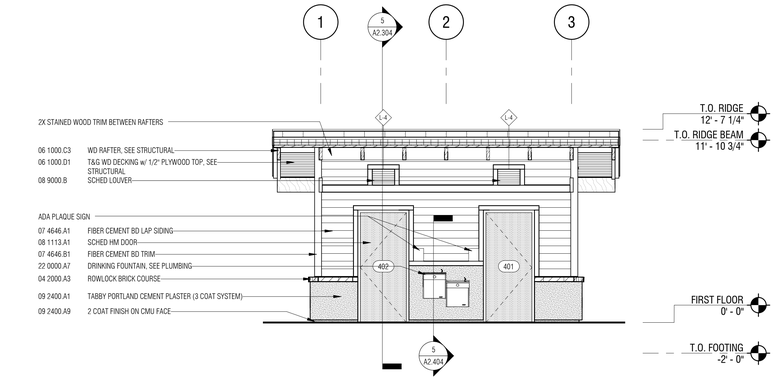
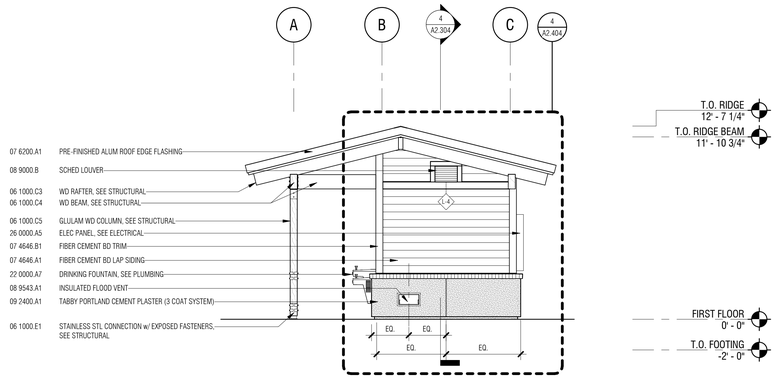
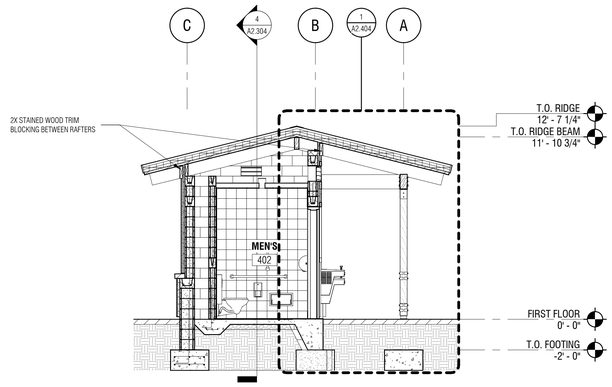


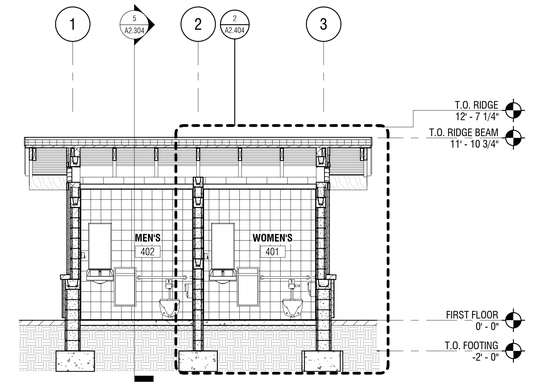
7 A2.304 BUILDING ELEVATION
1/4" = 1'-0"



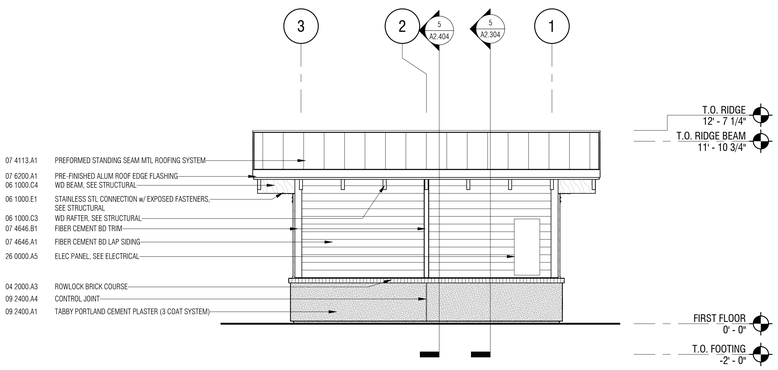
6 A2.304 EAST ELEVATION - POOL RESTROOM
1/4" = 1'-0"



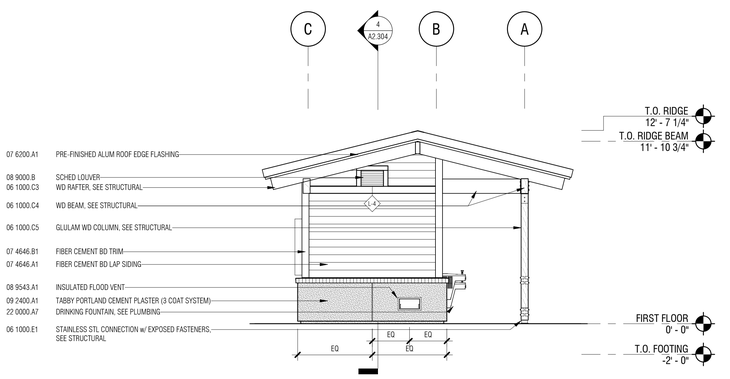
5 A2.304 BUILDING SECTION
1/4" = 1'-0"



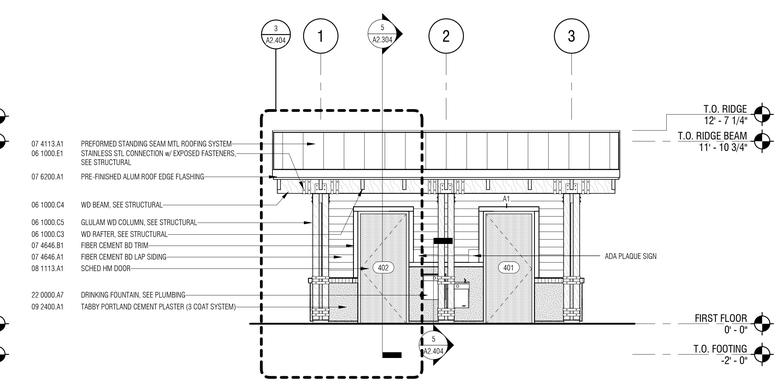
4 A2.304 BUILDING SECTION
1/4" = 1'-0"



3 A2.304 NORTH ELEVATION - POOL RESTROOM
1/4" = 1'-0"



2 A2.304 WEST ELEVATION - POOL RESTROOM
1/4" = 1'-0"



1 A2.304 SOUTH ELEVATION - POOL RESTROOM
1/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF. 100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. TATE
COLUMBIA, SC
12295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
POOL RESTROOM ELEVATIONS & SECTIONS

SHEET NUMBER
A2.304

WTS WATSON TATE SAVORY
WTS Project No. 1406

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Land Planners
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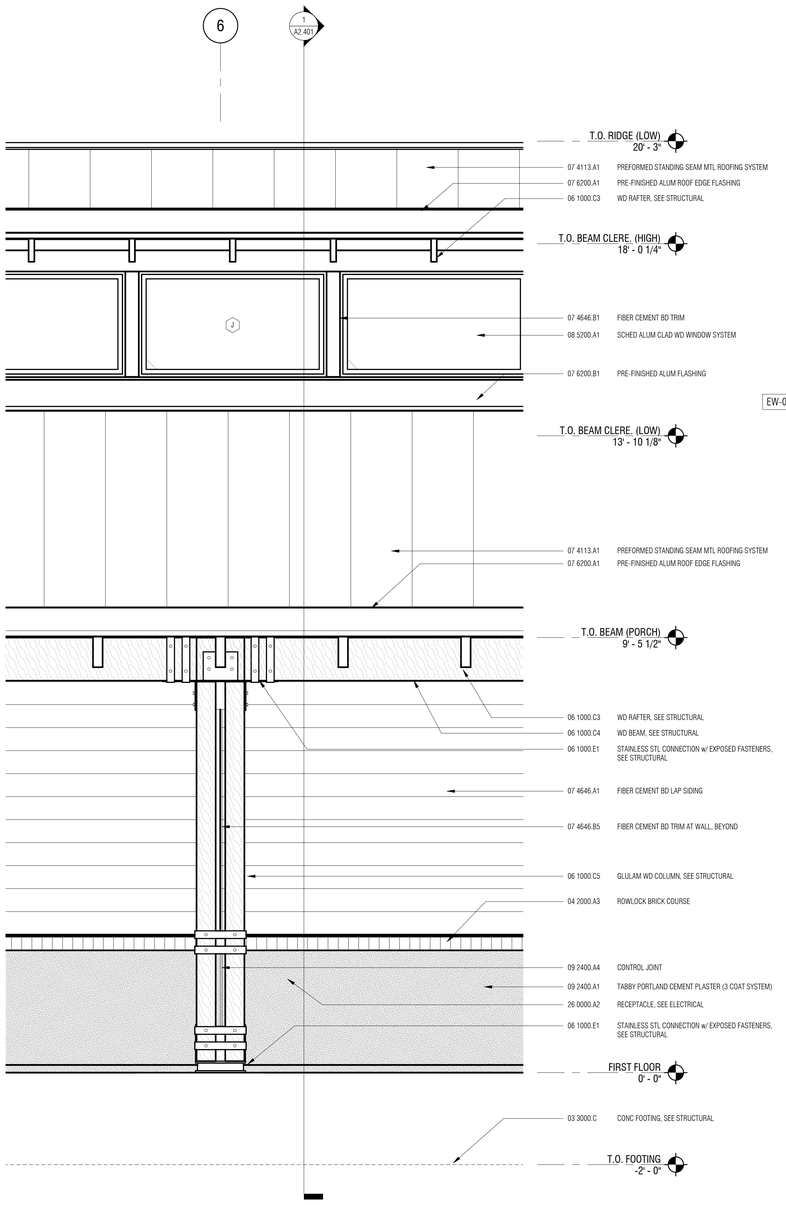
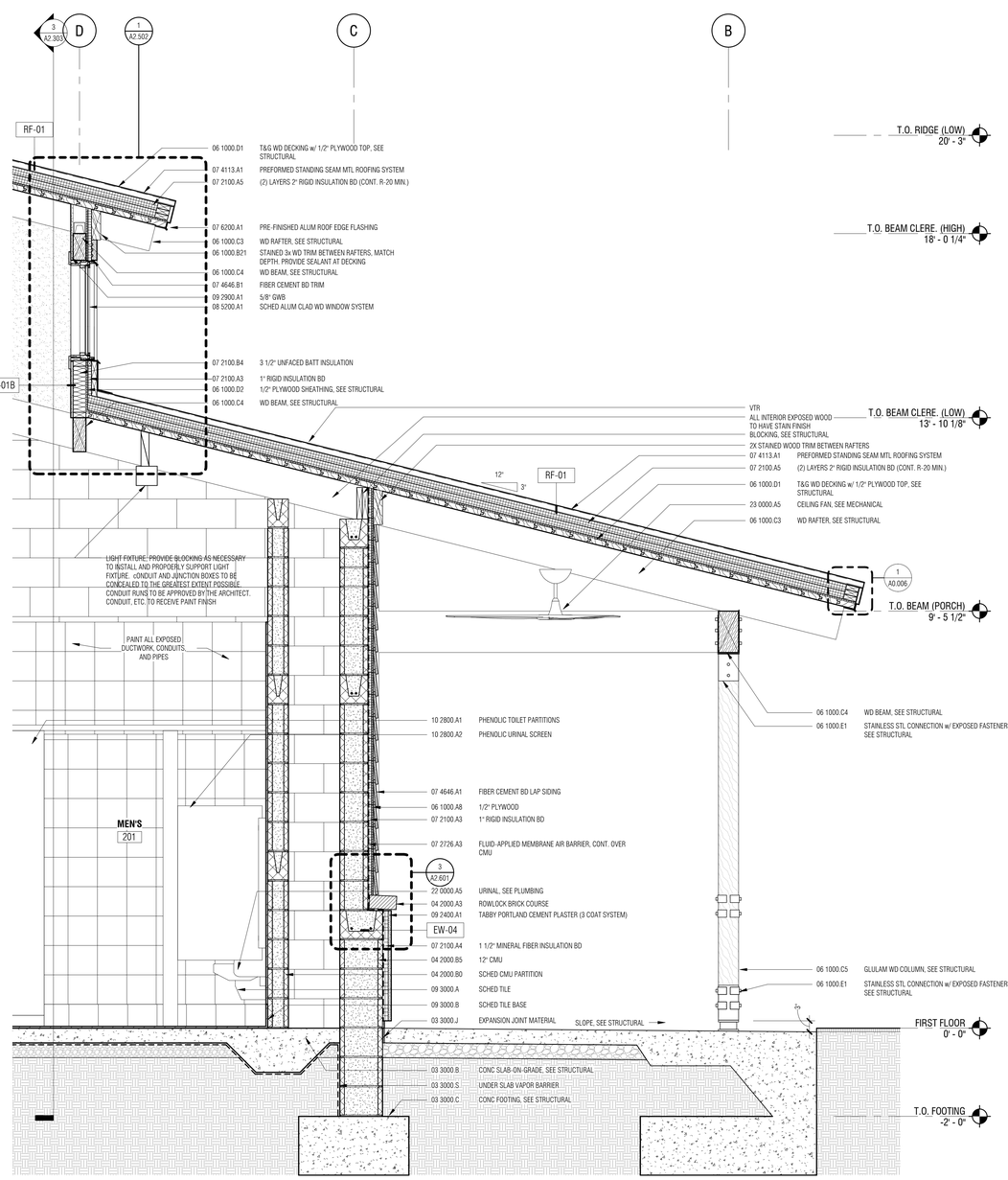
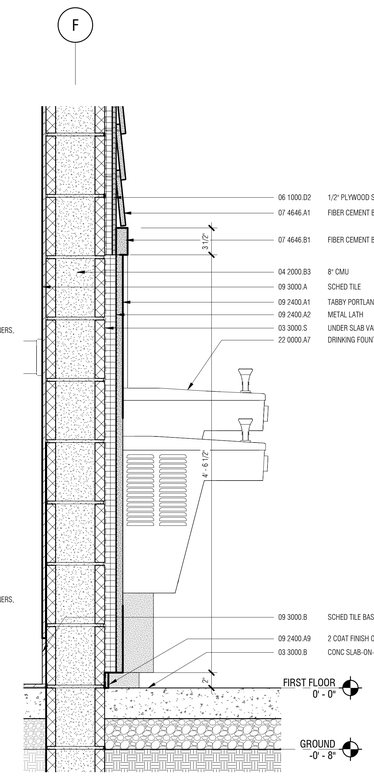


2 A2.401 ENLARGED ELEVATION - SOUTH
3/4" = 1'-0"



1 A2.401 WALL SECTION
3/4" = 1'-0"



2 A2.401 WALL SECTION
1 1/2" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. VALENTA
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
ENLARGED ELEVATION & WALL SECTION

SHEET NUMBER
A2.401

WTS WATSON TATE SAVORY
WTS Project No. 1406

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Land Planners
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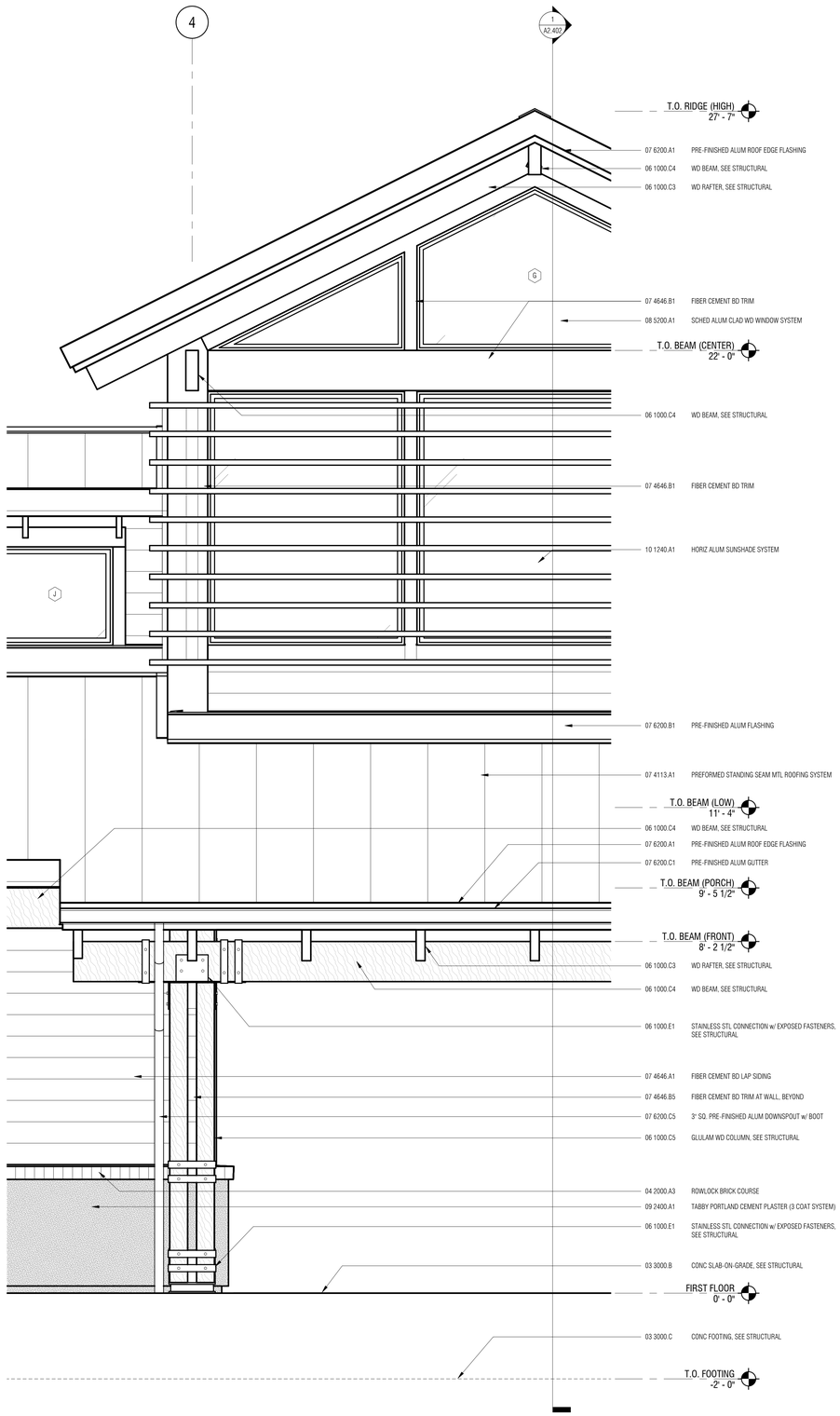
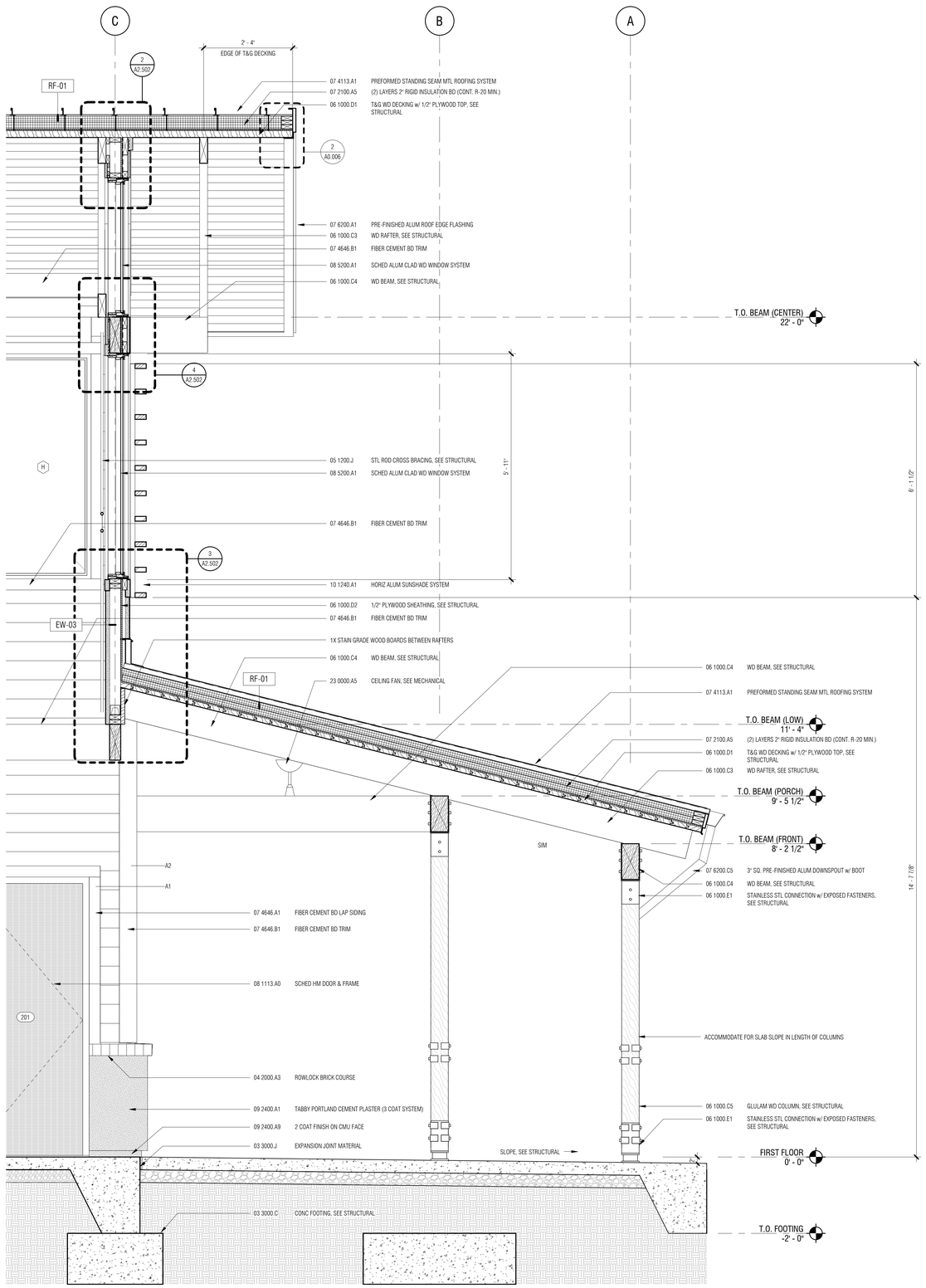


2 ENLARGED ELEVATION - SOUTH
2 / A2.402 3/4" = 1'-0"



1 WALL SECTION
1 / A2.402 3/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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ARF. 100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. TATE
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
ENLARGED ELEVATION & WALL SECTION

SHEET NUMBER
A2.402

WTS WATSON TATE SAVORY
WTS Project No. 1406

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Landscape Architects
Land Planners
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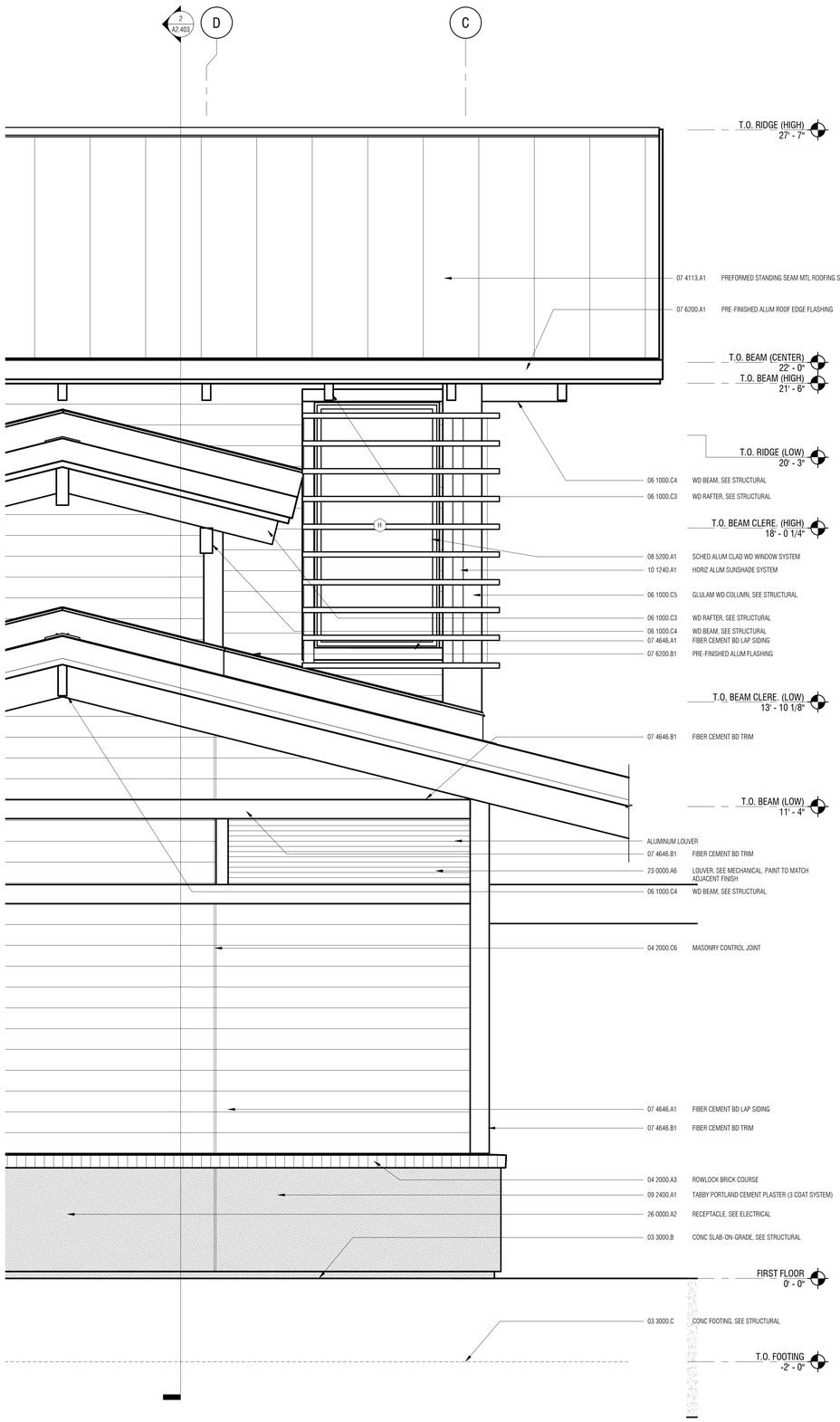
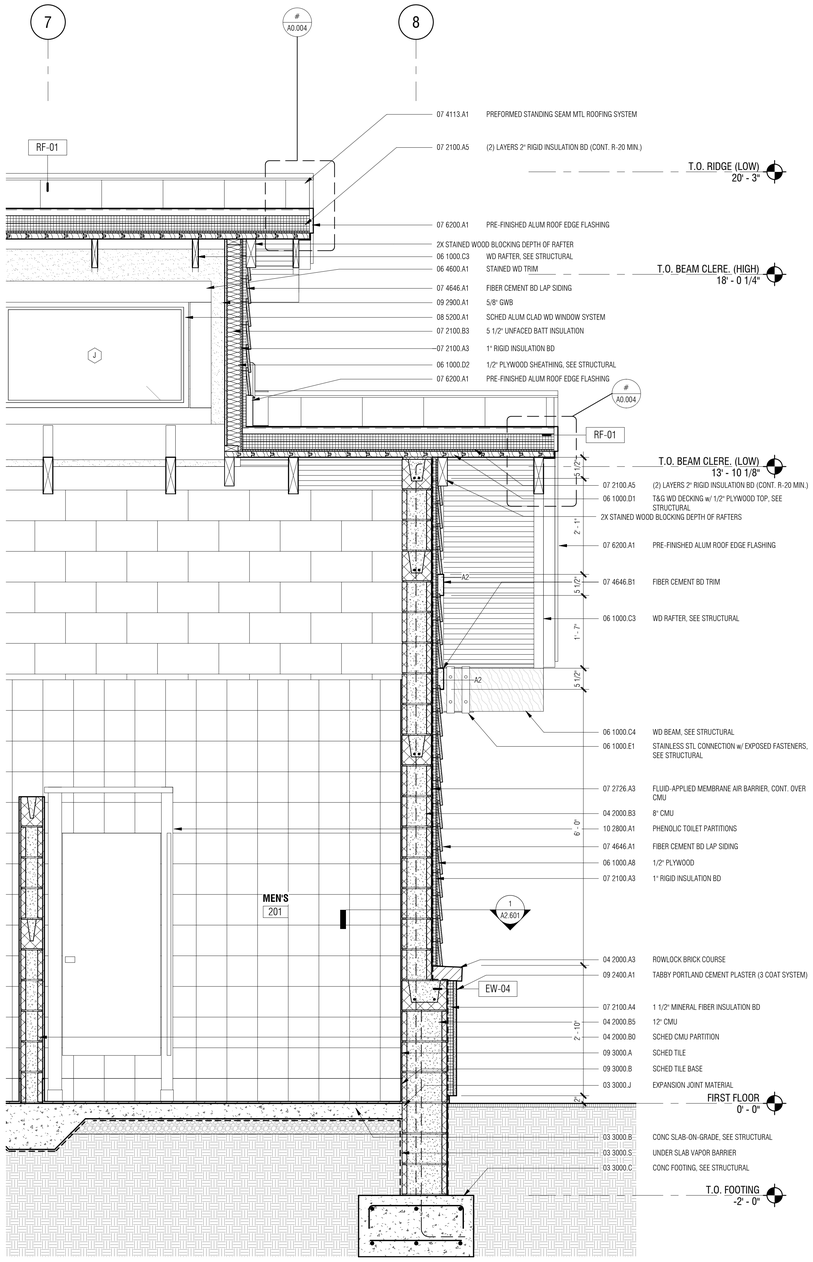
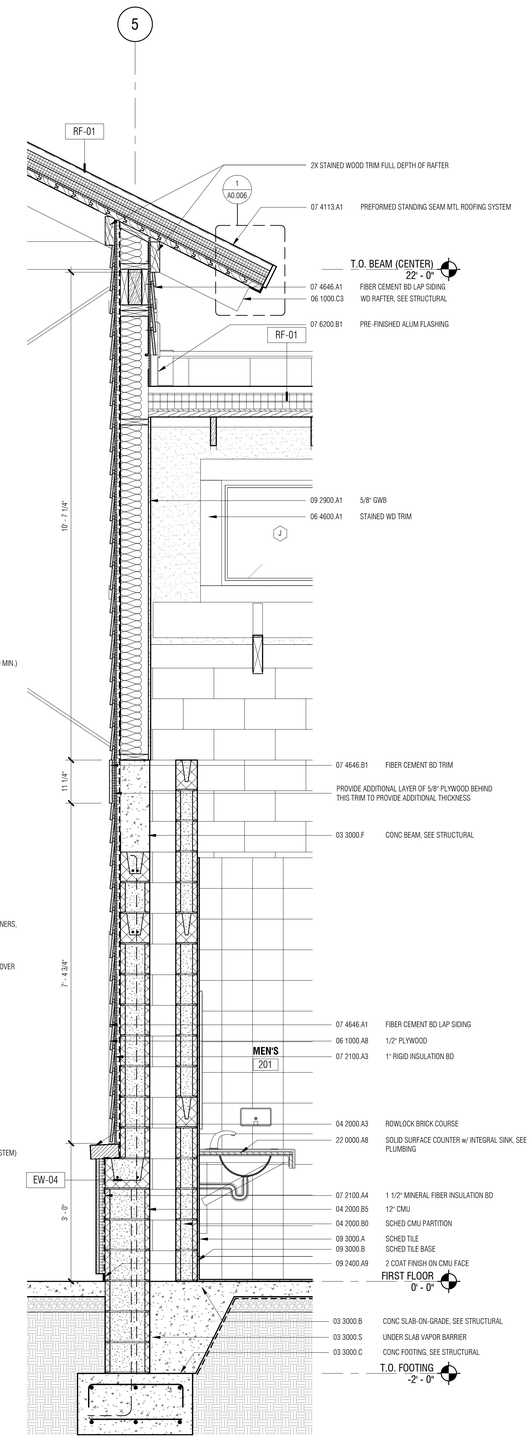


2 A2.403 ENLARGED ELEVATION -WEST
3/4" = 1'-0"



2 A2.403 WALL SECTION
3/4" = 1'-0"



1 A2.403 WALL SECTION
3/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
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CONSTRUCTION DOCUMENTS FOR
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ARF. 100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. BLACK
COLUMBIA, SC
7295
REGISTERED ARCHITECT

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SHEET TITLE
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WTS WATSON TATE SAVORY
WTS Project No. 1406

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Landscape Architects
Land Planners
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SHEET NUMBER
A2.403

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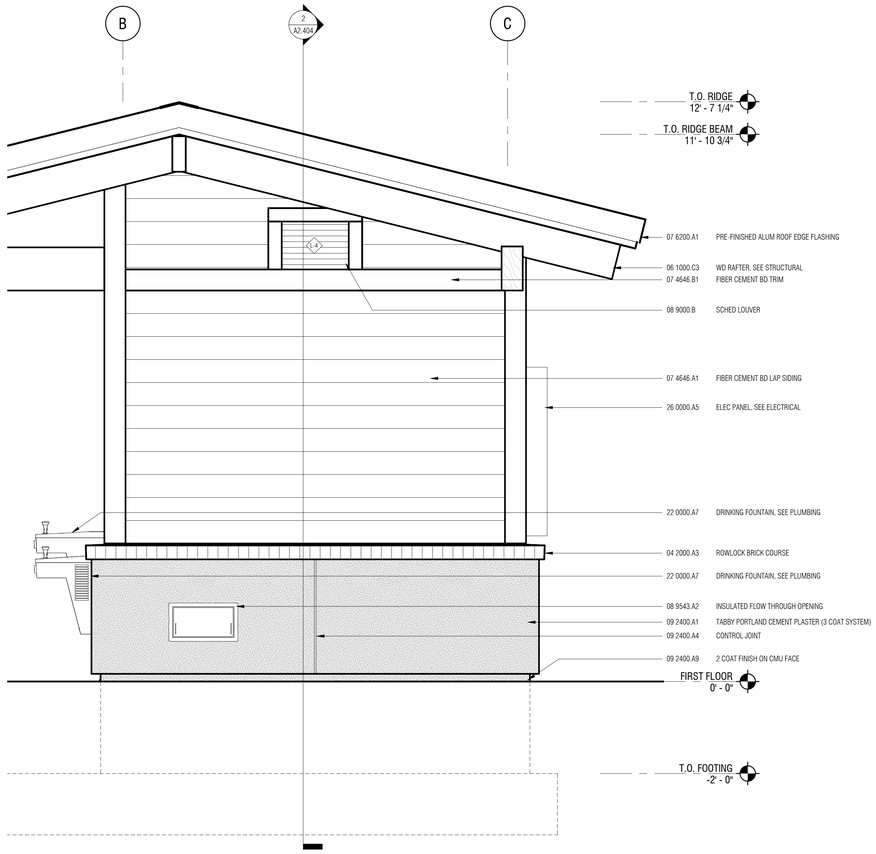
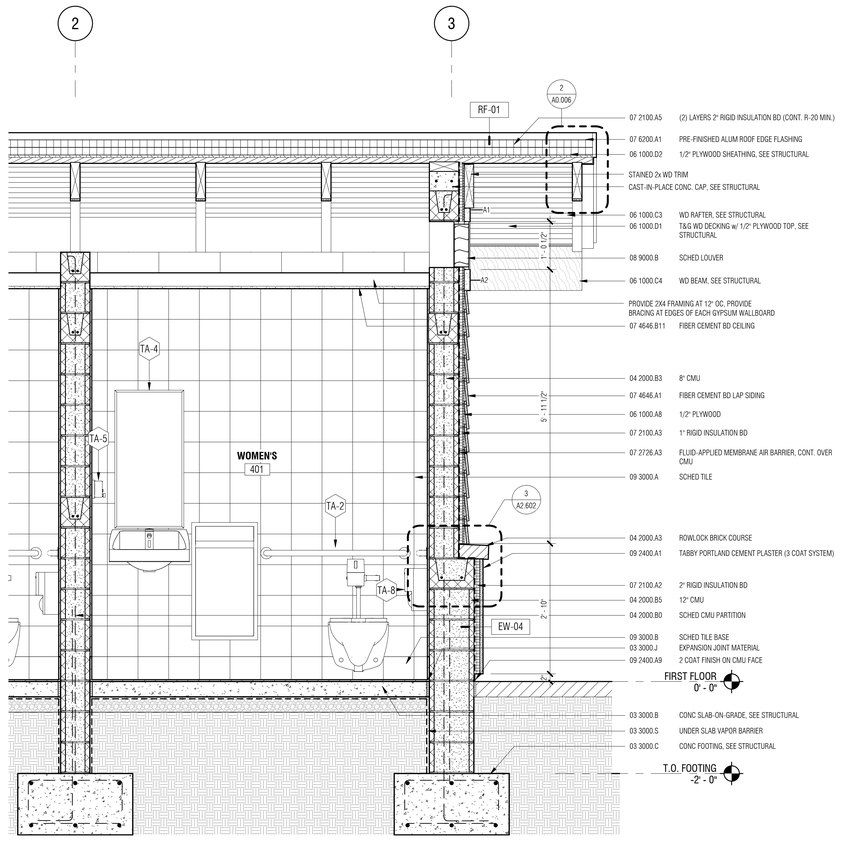
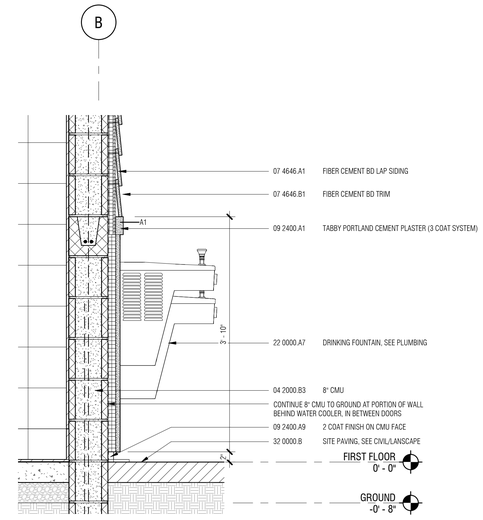


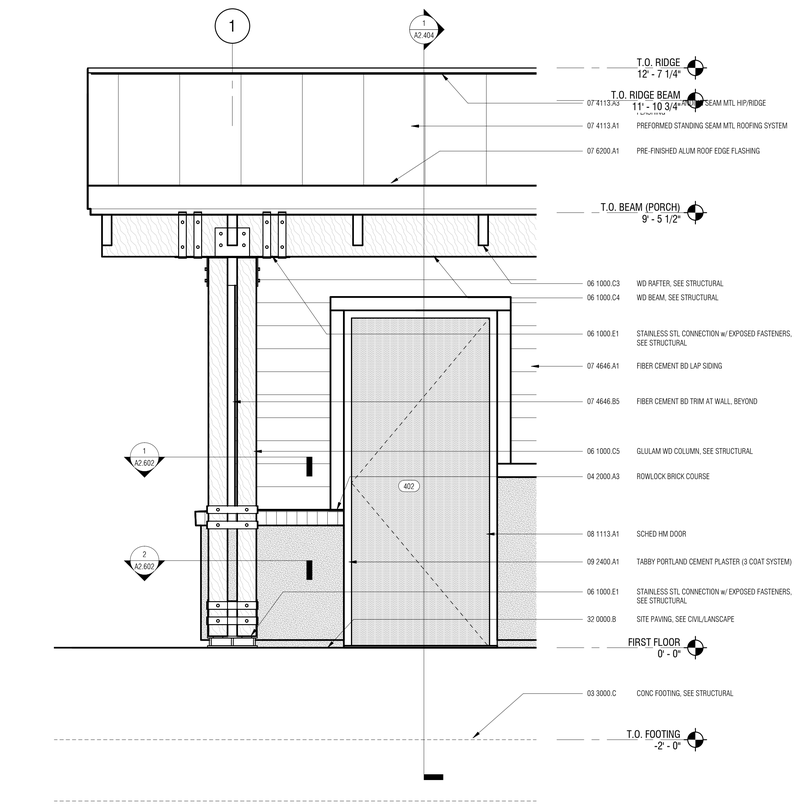
4 A2.404 ENLARGED ELEVATION - EAST
3/4" = 1'-0"



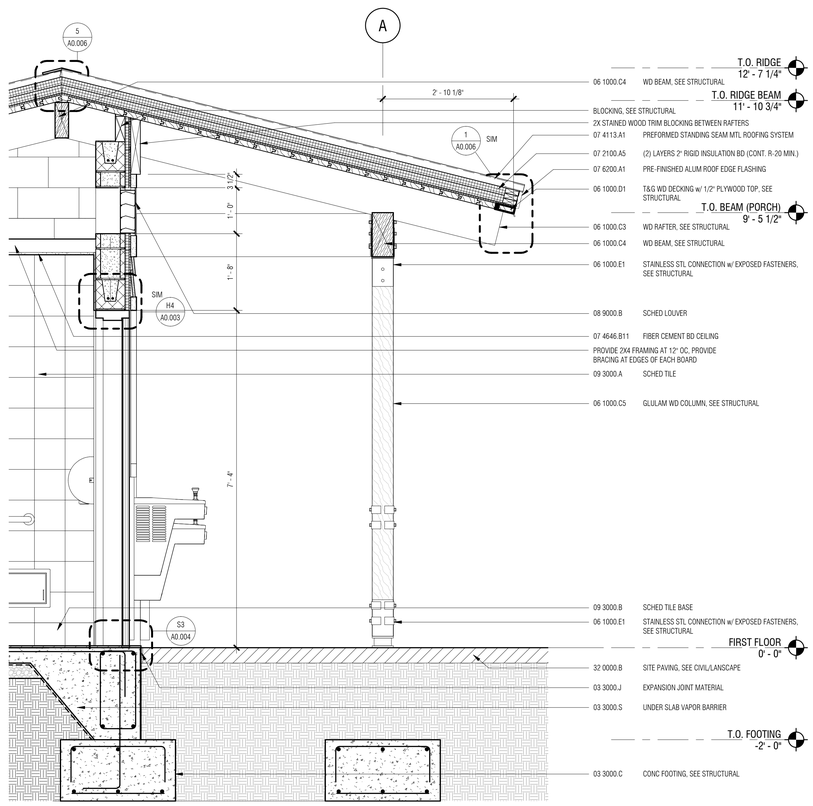
2 A2.404 WALL SECTION
3/4" = 1'-0"



5 A2.404 BUILDING SECTION
1" = 1'-0"



3 A2.404 ENLARGED ELEVATION - SOUTH
3/4" = 1'-0"



1 A2.404 WALL SECTION
3/4" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MPN
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EMB

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PROFESSIONAL STAMPS:

STATE OF SOUTH CAROLINA
WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. KELLY
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
POOL RESTROOM WALL SECTIONS

SHEET NUMBER
A2.404

WTS WATSON TATE SAVORY
WTS Project No. 1406

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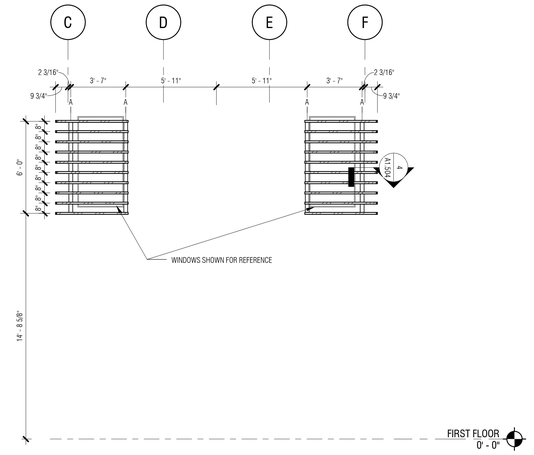
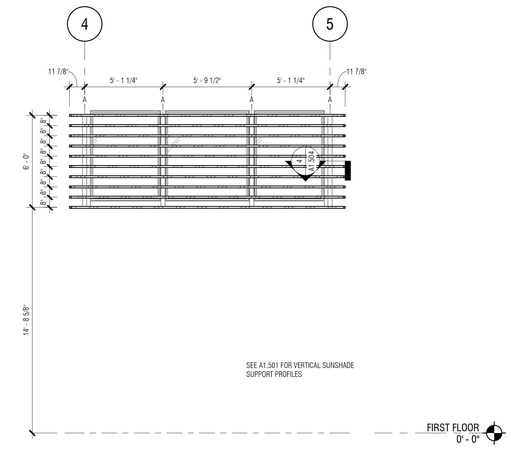


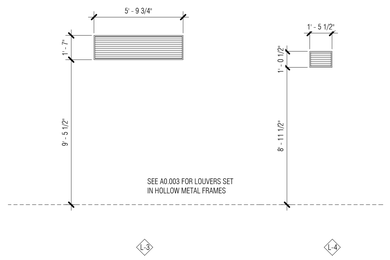
2 A2.501 SOUTH (NORTH SIM.)
1/4" = 1'-0"



1 A2.501 EAST (WEST SIM.)
1/4" = 1'-0"

LOUVER TYPE ELEVATIONS:

NOTE:
COORDINATE LOUVER SIZES w/ MECHANICAL

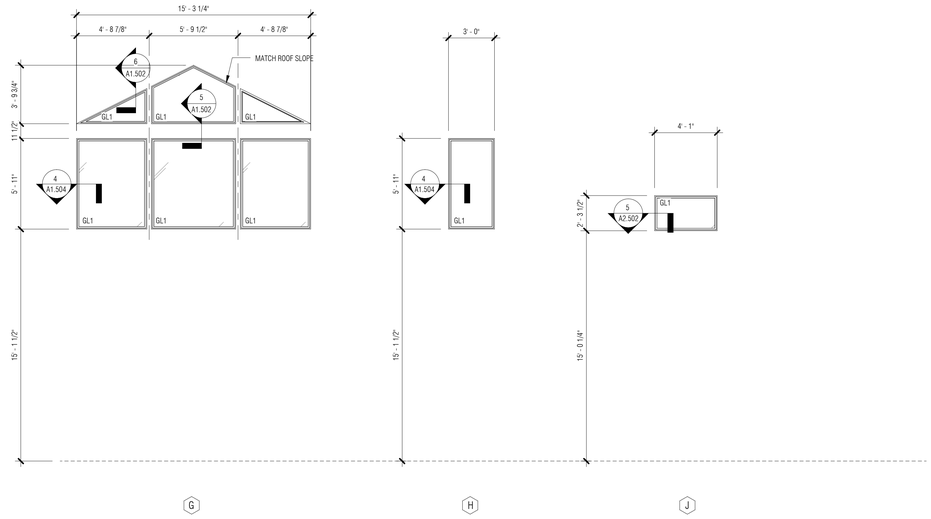


GLAZING TYPE LEGEND:

GL1 - CLEAR
1 5/16" LOW E INSULATED HURRICANE IMPACT RATED

TEMPERED, WHERE SHOWN

WINDOW TYPE ELEVATIONS:



Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WATSON
ARCHITECT
COLUMBIA, SC
7295
6/30/2016
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
WINDOW & LOUVER ELEVATIONS

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
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843.681.6518 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

SHEET NUMBER
A2.501

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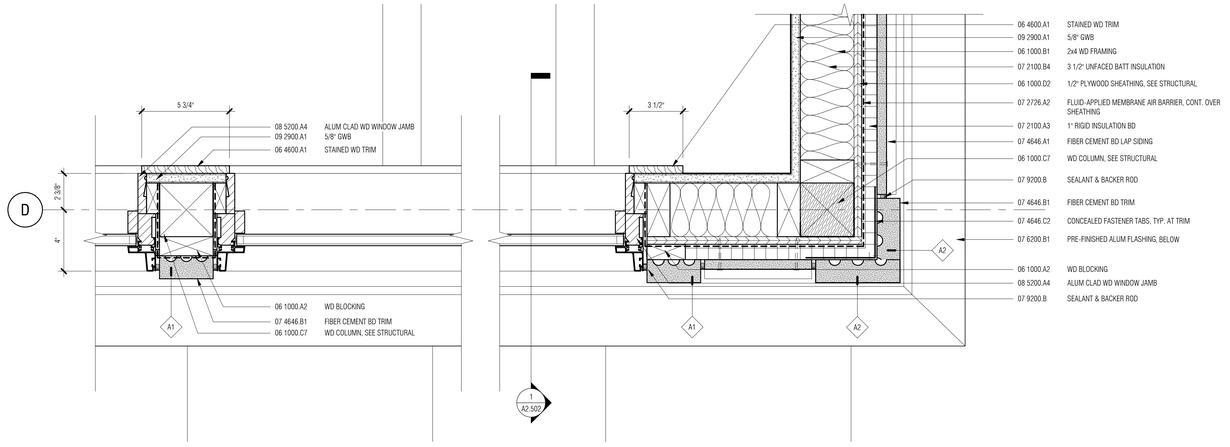
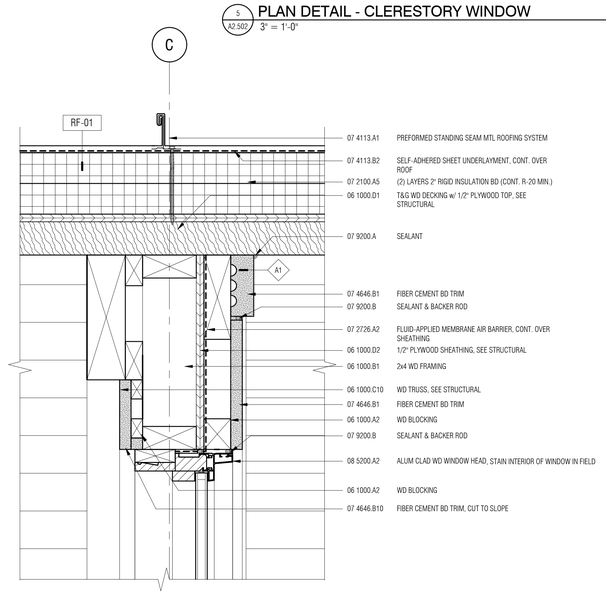
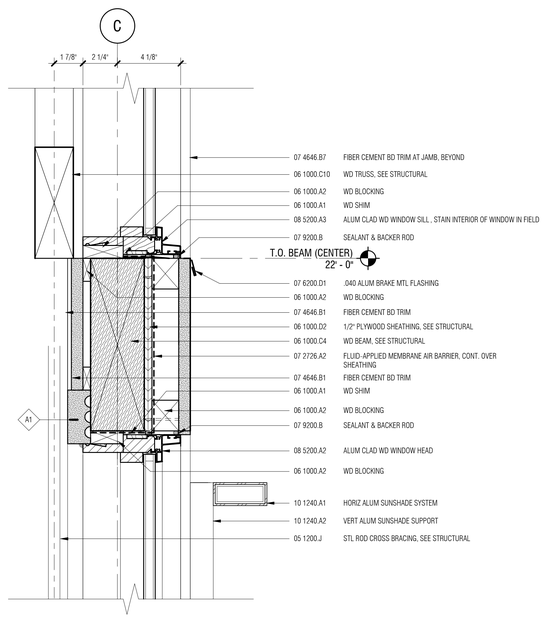


5 A2.502 PLAN DETAIL - CLERESTORY WINDOW
3" = 1'-0"

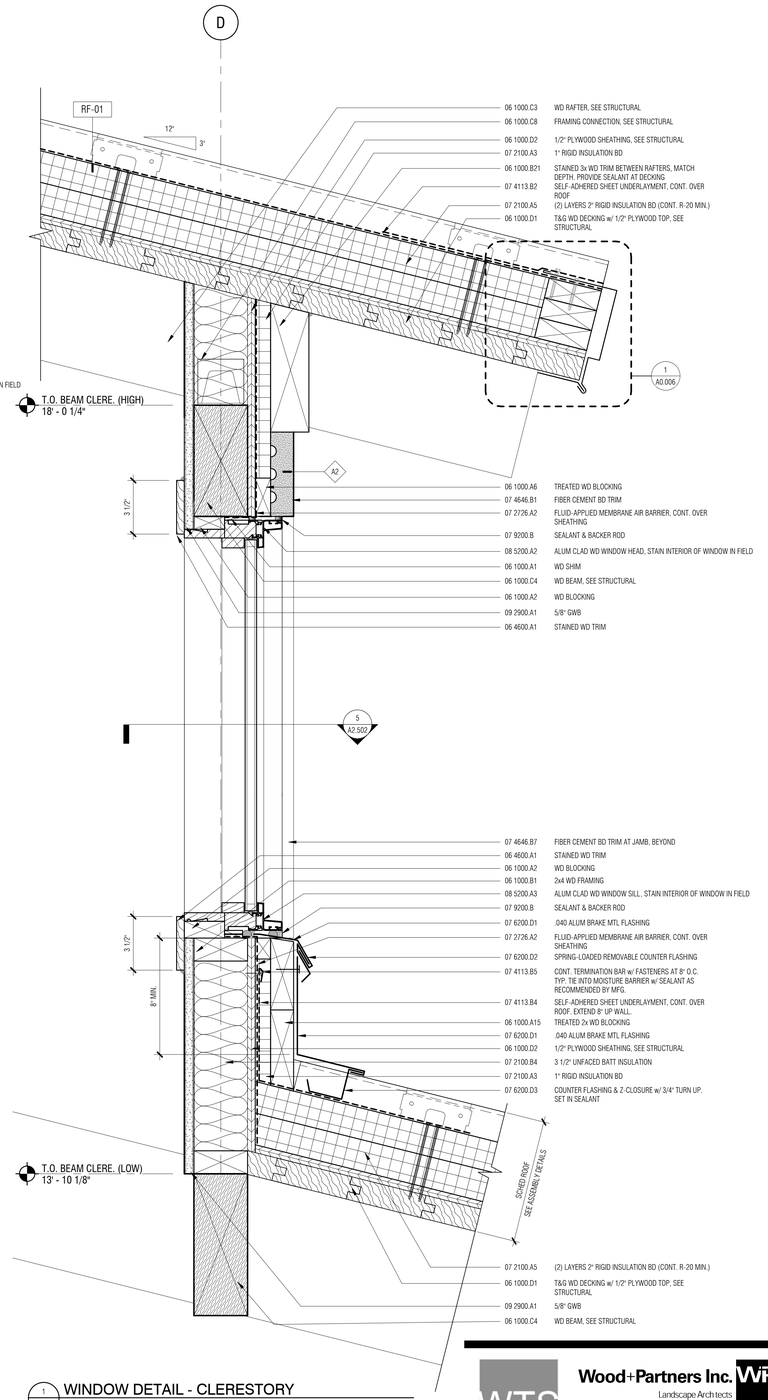


2 A2.502 WINDOW DETAIL - ENTRANCE HIGH
3" = 1'-0"



4 A2.502 WINDOW DETAIL - ENTRANCE INTERMEDIATE
3" = 1'-0"

3 A2.502 WINDOW DETAIL - ENTRANCE LOW
3" = 1'-0"



1 A2.503 WINDOW DETAIL - CLERESTORY
3" = 1'-0"

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CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

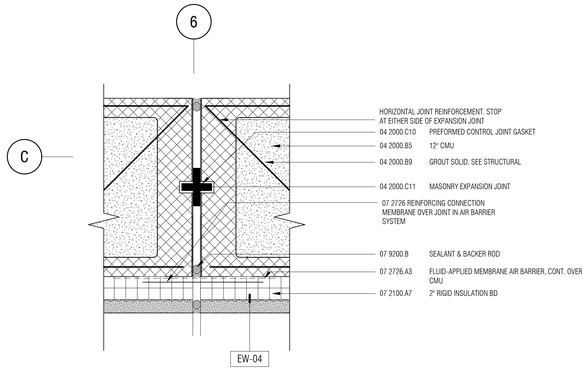
STATE OF SOUTH CAROLINA
EUGENE M. BELL
COLUMBIA, SC
REGISTERED ARCHITECT

#	REVISION	DATE	BY

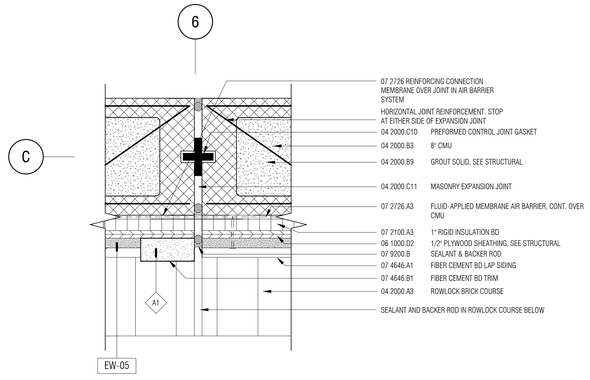
DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
WINDOW DETAILS

SHEET NUMBER
A2.502

WTS WATSON TATE SAVORY
WTS Project No. 1406
Wood+Partners Inc. WPi
Landscape Architects Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com



5 A2.601 TYPICAL CMU EXPANSION JOINT DETAIL -
3" = 1'-0"



4 A2.601 TYPICAL CMU EXPANSION JOINT DETAIL -
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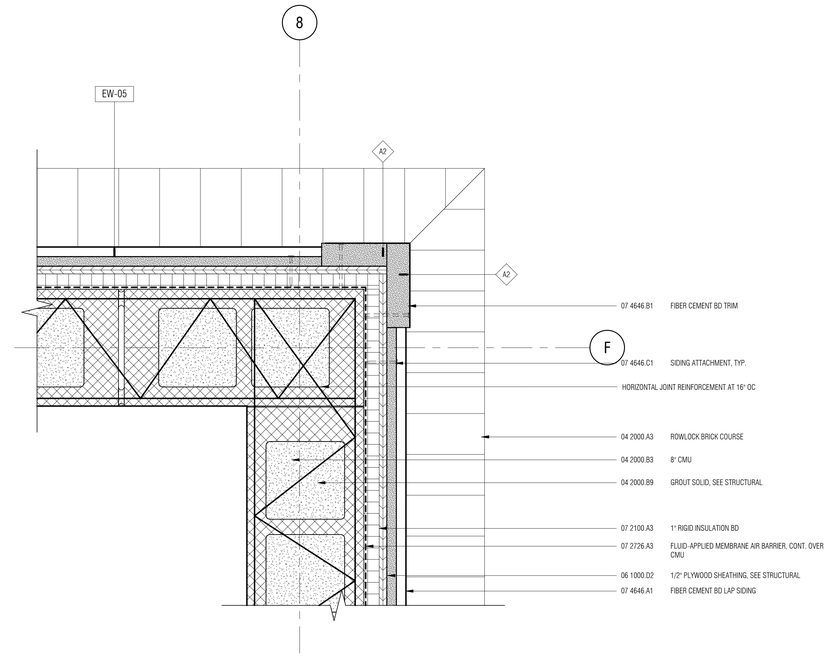
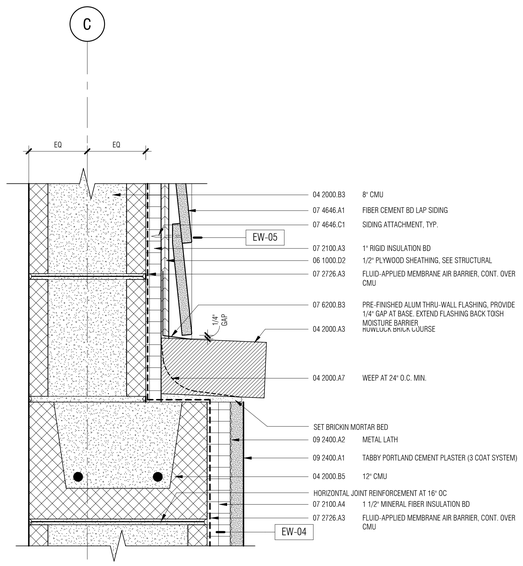
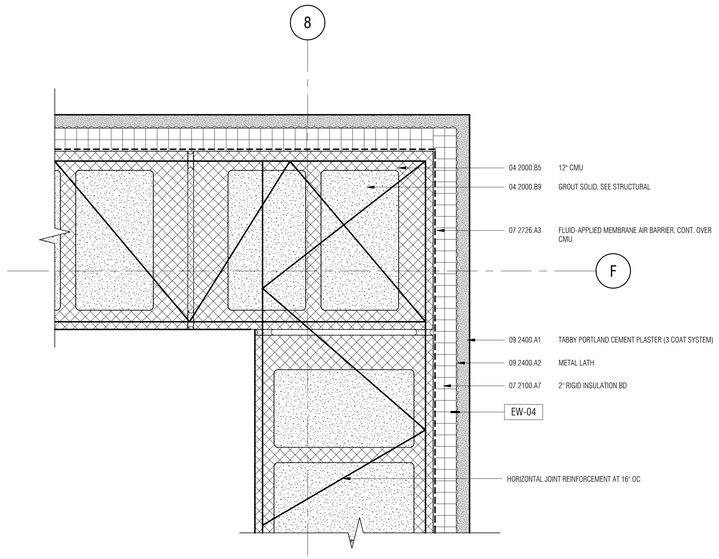


1 A2.601 PLAN DETAIL -
3" = 1'-0"



3 A2.601 EXTERIOR DETAIL -
3" = 1'-0"



2 A2.601 PLAN DETAIL -
3" = 1'-0"

Town of Hilton Head Island
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CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WEEKS
COLUMBIA, SC
7295
REGISTERED ARCHITECT
6/30/2016

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
EXTERIOR DETAILS

SHEET NUMBER
A2.601

WTS WATSON TATE SAVORY
WTS Project No. 1406

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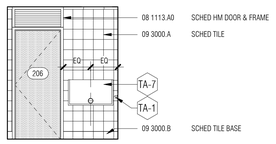
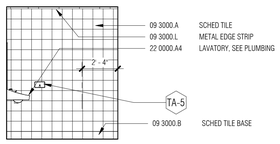
TOILET ACCESSORIES				
NO.	**ITEM**	**MOUNTING HEIGHT**	**MFG.**	**MODEL NO.**
TA-1	42" STAINLESS STEEL GRAB BAR w/ SATIN FINISH (HORIZONTALLY MOUNTED)	34" TO T.O. BAR	BOBRICK	B-5806 x 42
TA-2	36" STAINLESS STEEL GRAB BAR w/ SATIN FINISH (HORIZONTALLY MOUNTED)	34" TO T.O. BAR	BOBRICK	B-5806 x 36
TA-3	18" STAINLESS STEEL GRAB BAR w/ SATIN FINISH (VERTICALLY MOUNTED)	40" TO CL OF BOTTOM BAR	BOBRICK	B-5806 x 18
TA-4	B-165 1836 CHANNEL FRAME MIRROR	40" TO B.O. REFLECTIVE SURFACE	BOBRICK	B-165 1836
TA-5	SOAP DISPENSER (SURFACE-MOUNTED)	48" TO DISPENSER	BOBRICK	B-2112
TA-6	XLERATOR HAND DRYER (SURFACE MOUNTED)	37" TO B.O. DRYER	EXCEL DRYER	XL-SB
TA-7	BABY CHANGING STATION (SURFACE MOUNTED)	34" TO WORK SURFACE	BOBRICK	KB110-SSWM
TA-8	MULTI-ROLL TOILET TISSUE DISPENSER (SURFACE-MOUNTED)	18" TO B.O. DISPENSER	BOBRICK	B-2888
TA-9	DUAL SANITARY NAPKIN DISPOSAL	30" AFF	BOBRICK	B-4354
TA-10	SINGLE SANITARY NAPKIN DISPOSAL	30" AFF	BOBRICK	B-4353
TA-11	RECESSED WASTE RECEPTACLE WITH LINER HOLDER	41" TO TOP OF RECEPTACLE	BOBRICK	B-43644
TA-12	MOP HOLDER	70" TO TOP	BOBRICK	B-223 x 24

TOILET ROOM NOTES:

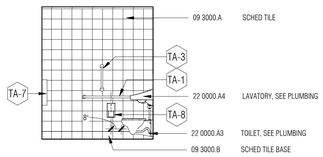
1. SEE SHEET A1.801 FOR TYPICAL TOILET ACCESSORIES
2. SOLID SURFACE COUNTERTOP w/ INTEGRAL SINK (TYP.) AT MEN'S 201 & WOMEN'S 202



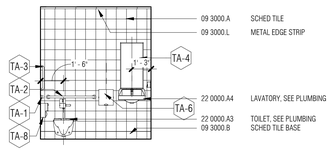
13 A2.701 EAST ELEVATION - FAMILY 206
1/4" = 1'-0"



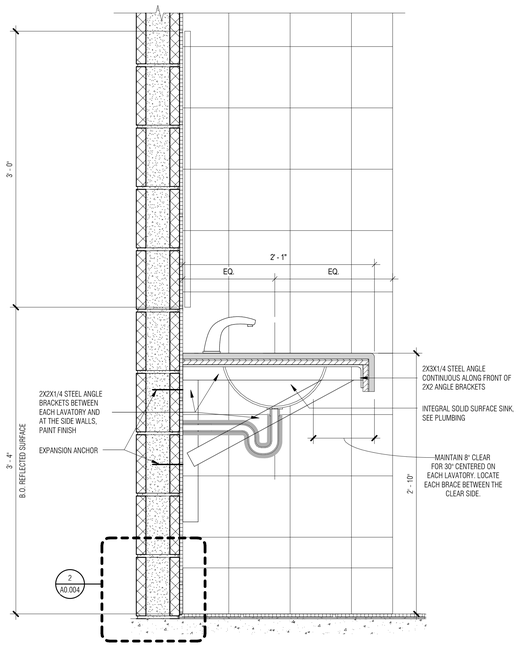
12 A2.701 NORTH ELEVATION - FAMILY 206
1/4" = 1'-0"



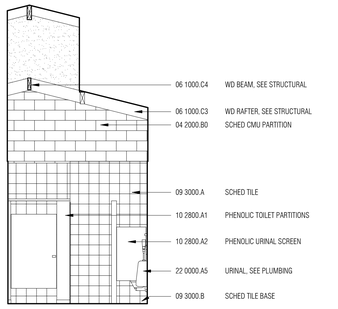
11 A2.701 SOUTH ELEVATION - FAMILY 206
1/4" = 1'-0"



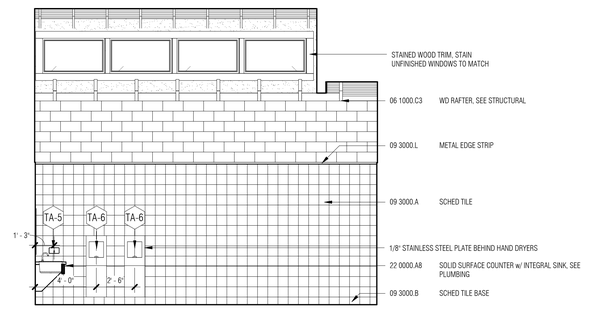
10 A2.701 WEST ELEVATION - FAMILY 206
1/4" = 1'-0"



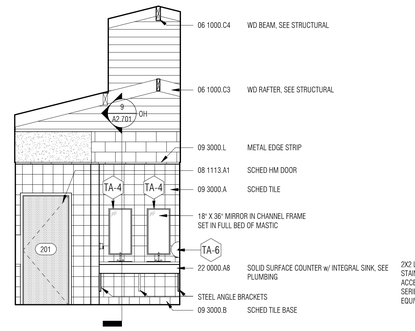
9 A2.701 MILLWORK DETAIL
1 1/2" = 1'-0"



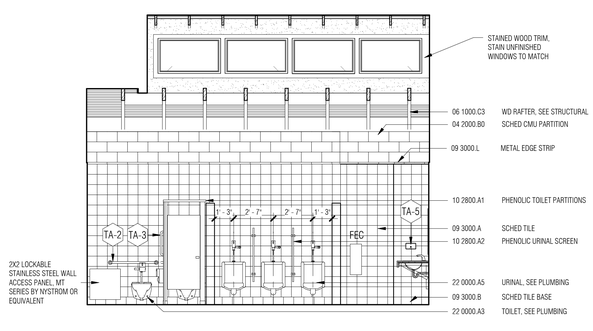
8 A2.701 EAST ELEVATION - MEN'S 201
1/4" = 1'-0"



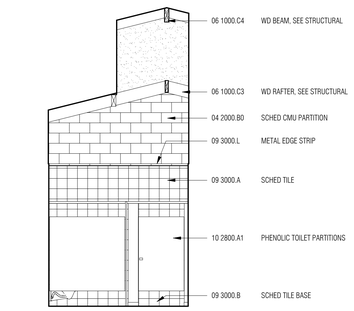
7 A2.701 NORTH ELEVATION - MEN'S 201
1/4" = 1'-0"



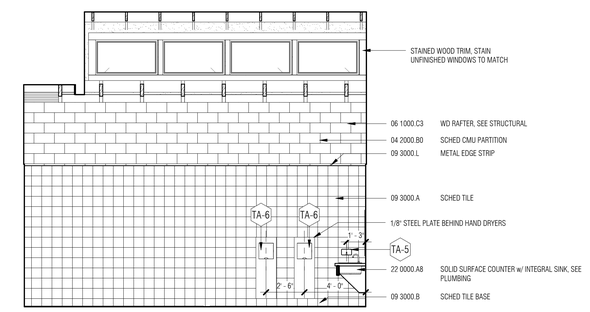
6 A2.701 WEST ELEVATION - MEN'S 201
1/4" = 1'-0"



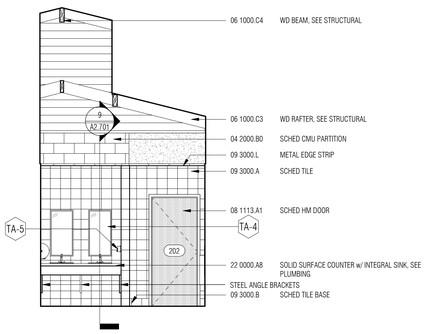
5 A2.701 SOUTH ELEVATION - MEN'S 201
1/4" = 1'-0"



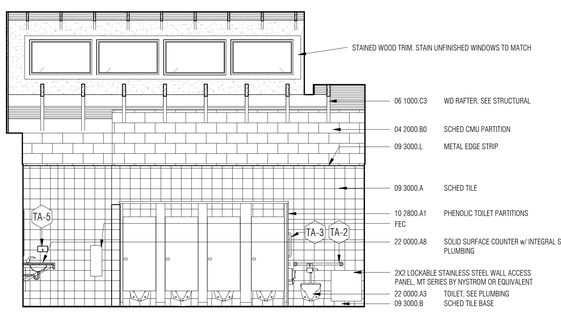
4 A2.701 WEST ELEVATION - WOMEN'S 202
1/4" = 1'-0"



3 A2.701 NORTH ELEVATION - WOMEN'S 202
1/4" = 1'-0"



2 A2.701 EAST ELEVATION - WOMEN'S 202
1/4" = 1'-0"



1 A2.701 SOUTH ELEVATION - WOMEN'S 202
1/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WATSON
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
INTERIOR ELEVATIONS & DETAILS

SHEET NUMBER
A2.701

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.8618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

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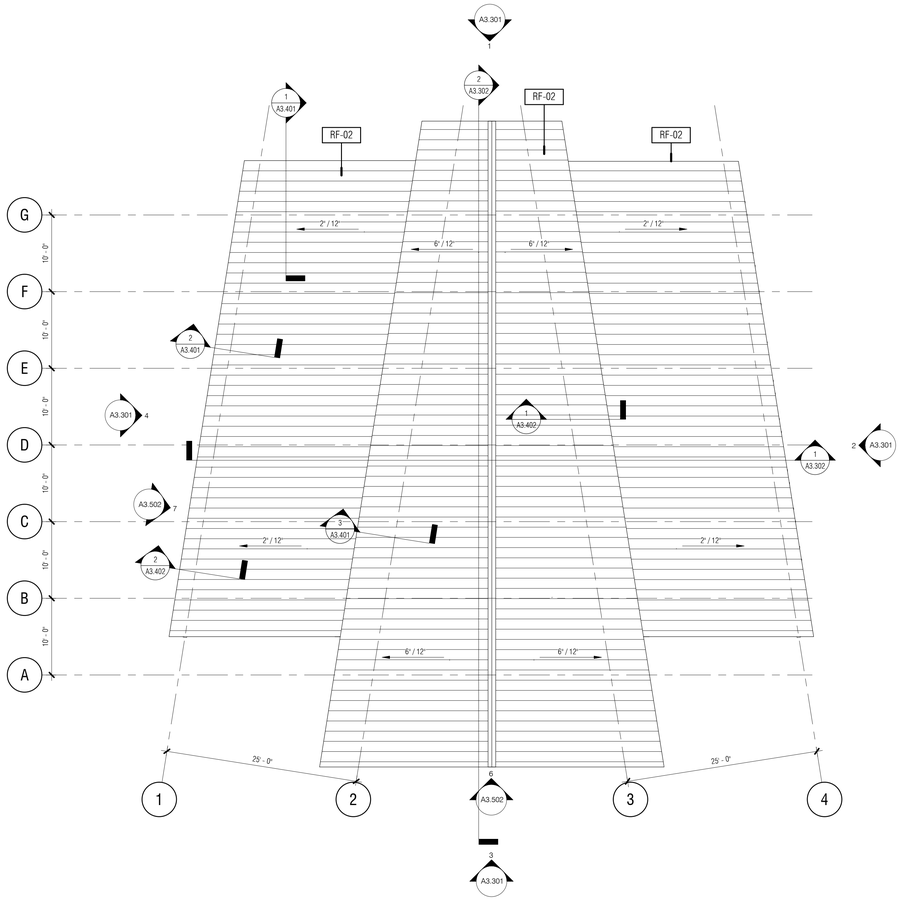
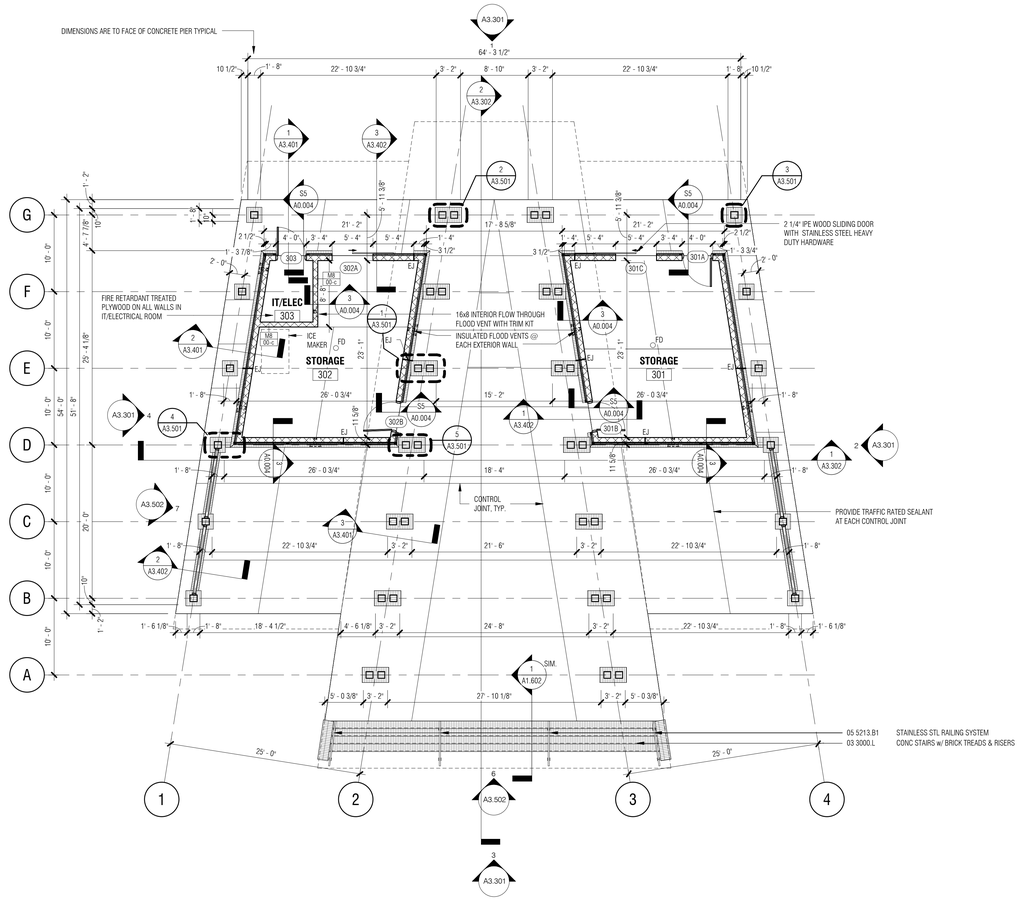


2 A3.101 ROOF PLAN - PAVILION
1/8" = 1'-0"



1 A3.101 FLOOR PLAN - PAVILION
1/8" = 1'-0"

C:\Users\kchilds\Documents\1406 HH Coligny Pavilion_A15_kchilds.rvt

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
MPN

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. CHILDS
COLUMBIA, SC
12295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
FLOOR PLAN

WTS
WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

SHEET NUMBER
A3.101

SYMBOL LEGEND:

MATERIALS

FCB1
FIBER CEMENT BOARD AS INDICATED ON PLAN

OTS
OPEN TO STRUCTURE

ANNOTATION

GWB1 — CEILING TYPE
9'-0" A.F.F. — FINISHED CEILING ELEVATION

LIGHT FIXTURES

2'-0" x 2'-0" RECESSED SEMI-INDIRECT FLUORESCENT

2'-0" x 4'-0" RECESSED SEMI-INDIRECT FLUORESCENT

RECESSED LINEAR WALLWASH

RECESSED DOWNLIGHT

STRIP LIGHT

MECHANICAL

SUPPLY DIFFUSER

RETURN DIFFUSER

EXHAUST DIFFUSER

LINEAR DIFFUSER

UNIT HEATER

EXHAUST FAN

POWER & TELEDATA

OCC — OCCUPANCY SENSOR

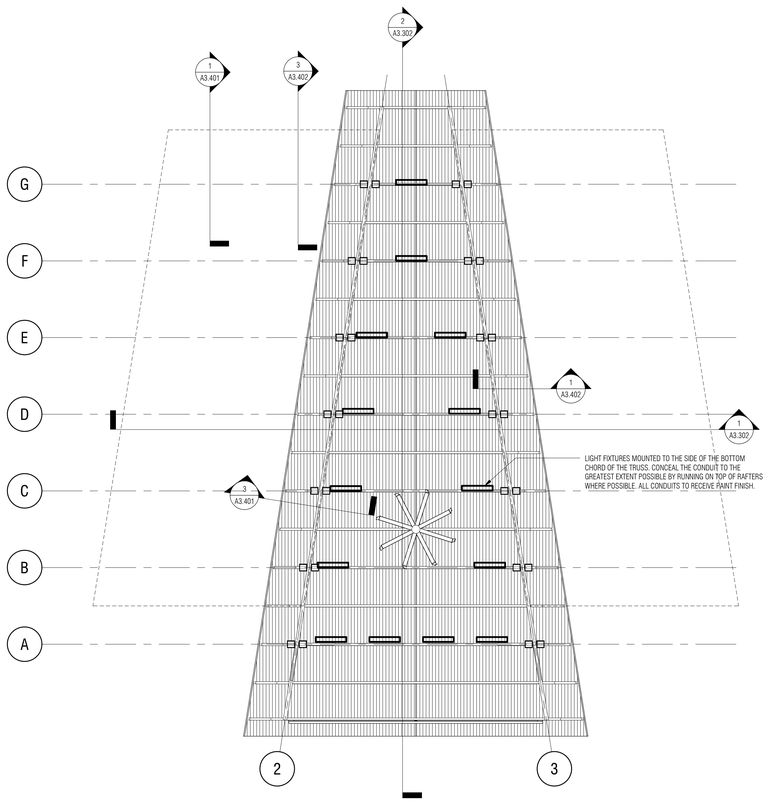
LIFE SAFETY

EXIT SIGN, ARROW INDICATED PATH OF TRAVEL

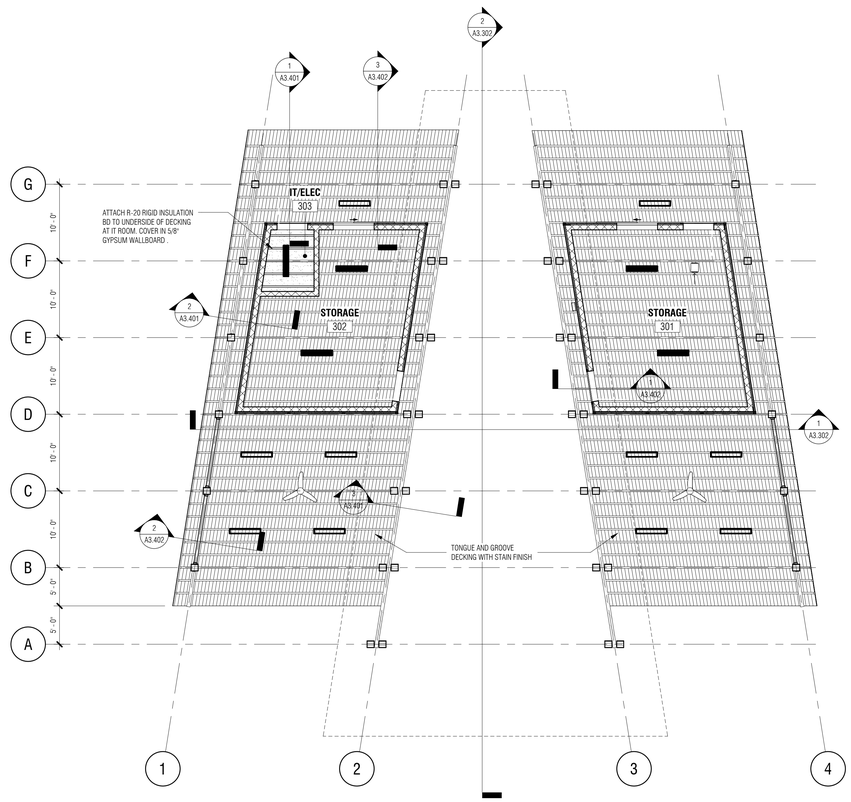
(F) (F) — FIRE ALARM DEVICE

MISC. FIXTURES

CEILING FAN; PROVIDE 2X BLOCKING, DEPTH OF JOISTS TO SUPPORT FANS, TYPICAL



2 A3.201 REFLECTED CEILING PLAN - HIGH ROOF
1/8" = 1'-0"



1 A3.201 REFLECTED CEILING PLAN - FIRST FLOOR
1/8" = 1'-0"

C:\Users\kchilds\Documents\1406 HH Coligny Pavilion_A15_kchilds.rvt

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
MPN

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EMB

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. CHILDS
COLUMBIA, SC
12795
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
REFLECTED CEILING PLAN

SHEET NUMBER
A3.201

WTS
WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners

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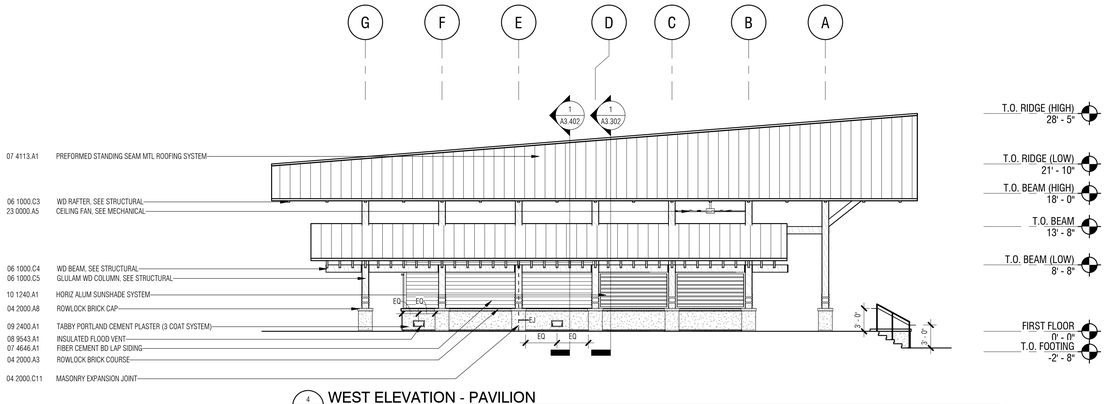
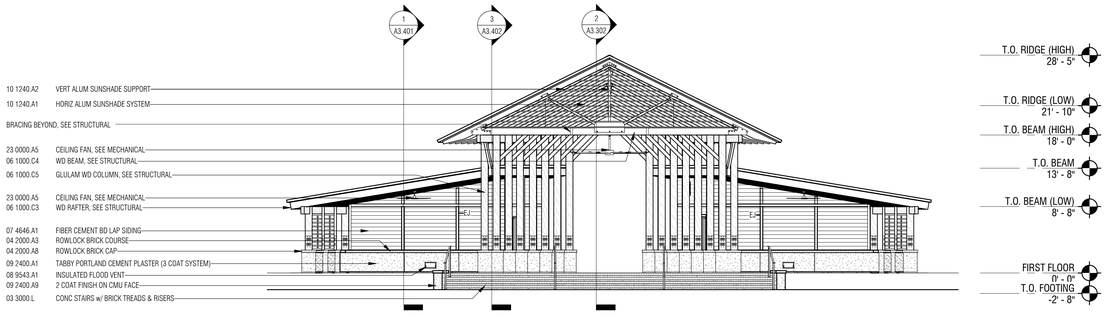
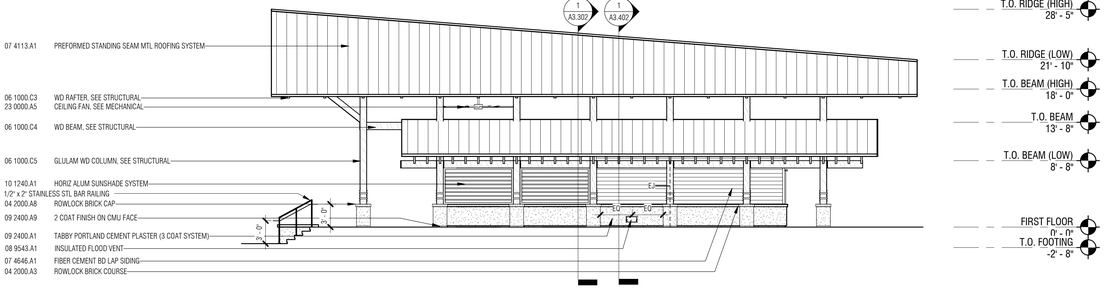


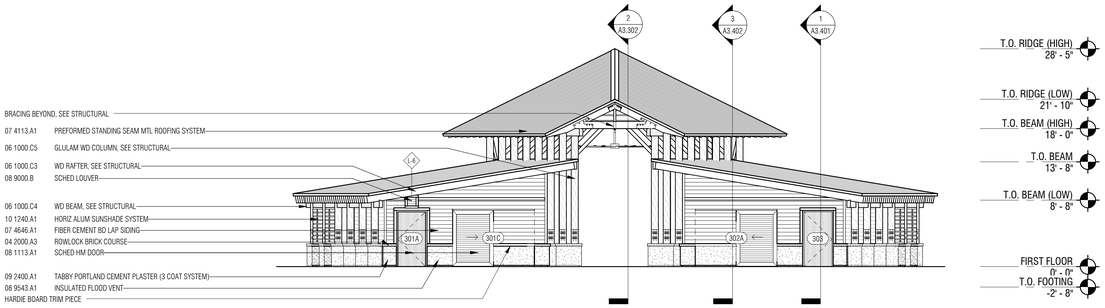
4 A3.301 **WEST ELEVATION - PAVILION**
1/8" = 1'-0"



3 A3.301 **SOUTH ELEVATION - PAVILION**
1/8" = 1'-0"



2 A3.301 **EAST ELEVATION - PAVILION**
1/8" = 1'-0"



1 A3.301 **NORTH ELEVATION - PAVILION**
1/8" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. ALEXEEV
COLUMBIA, SC
12995
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
BUILDING ELEVATIONS

SHEET NUMBER
A3.301

WTS WATSON TATE SAVORY
WTS Project No. 1406

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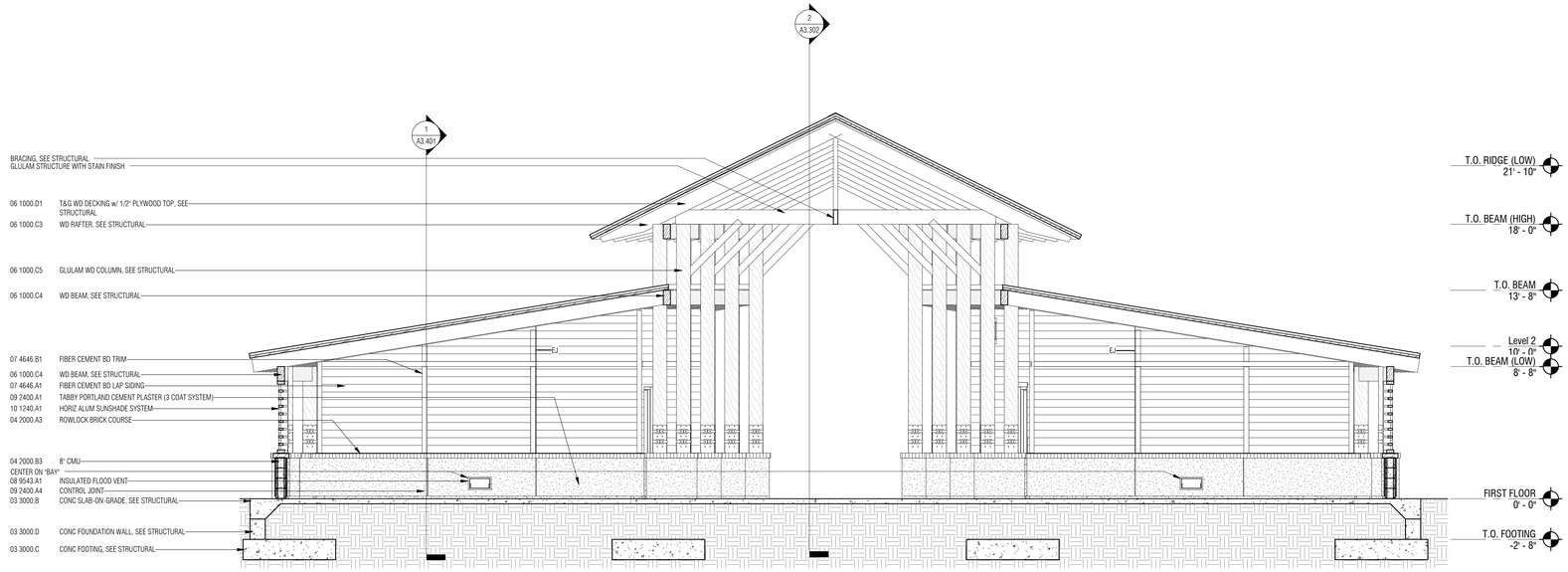
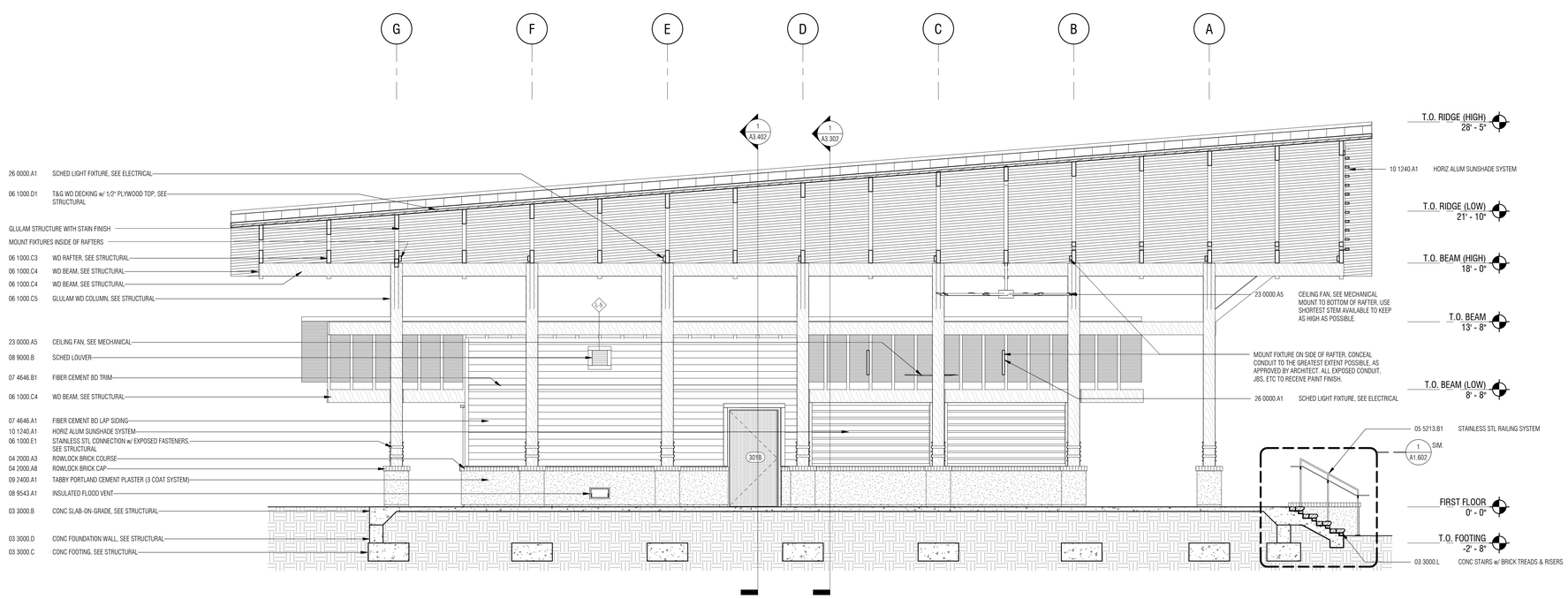


1 A3.302 BUILDING SECTION
1/4" = 1'-0"



2 A3.302 BUILDING SECTION
1/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WALKER
COLUMBIA, SC
23795
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-20016
PROJECT NUMBER
01-16002
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A3.302

WTS WATSON TATE SAVORY
WTS Project No. 1406

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Land Planners
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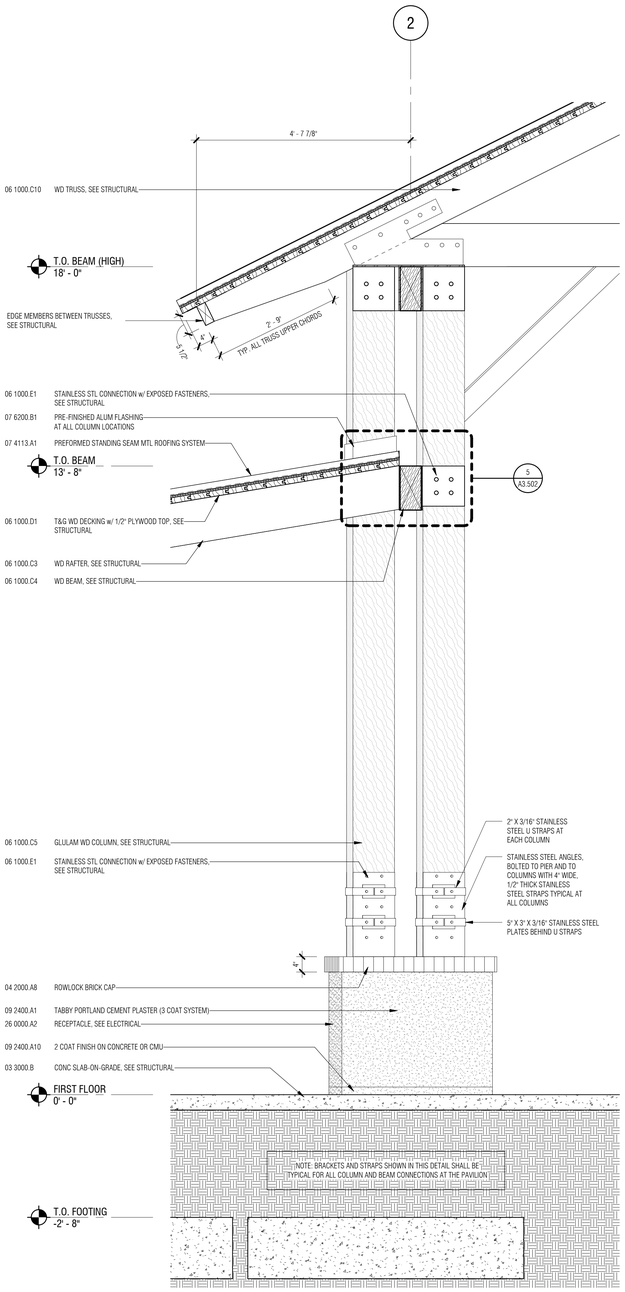
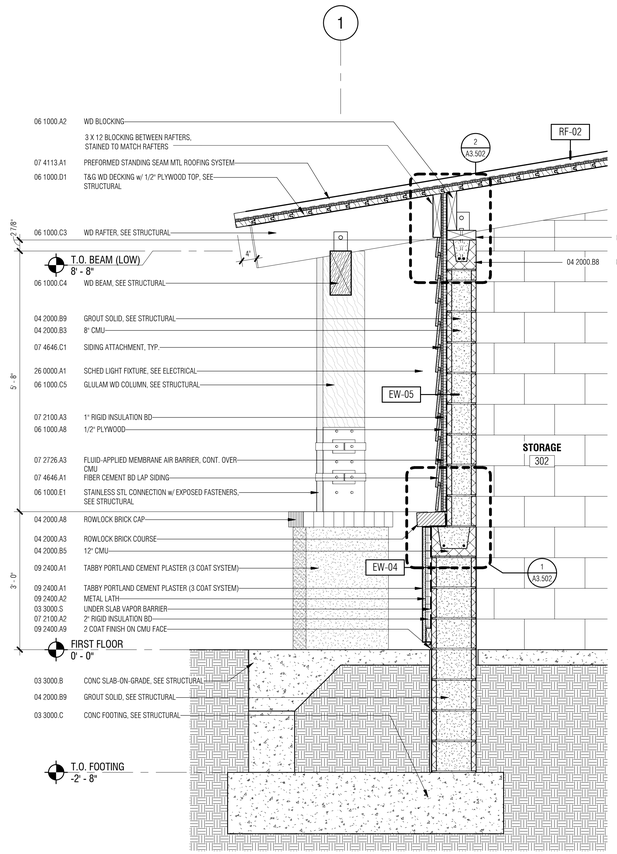
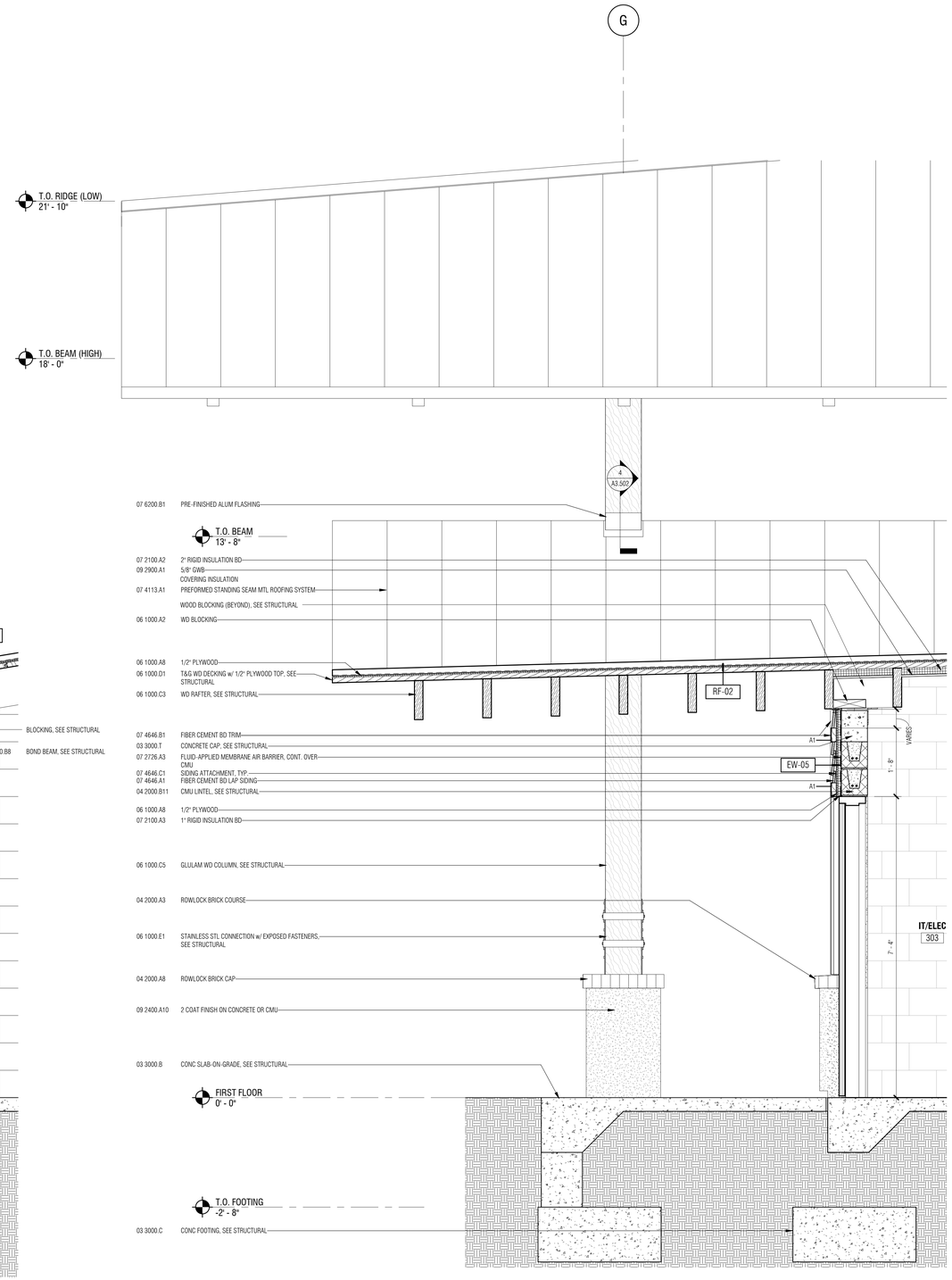


3 A3.401 WALL SECTION
3/4" = 1'-0"



2 A3.401 WALL SECTION
3/4" = 1'-0"



1 A3.401 WALL SECTION
3/4" = 1'-0"

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Town of Hilton Head Island
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CONSTRUCTION DOCUMENTS FOR
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Hilton Head Island, South Carolina

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REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. PAVLOV
COLUMBIA, SC
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
WALL SECTIONS

SHEET NUMBER
A3.401

WTS WATSON TATE SAVORY
WTS Project No. 1406

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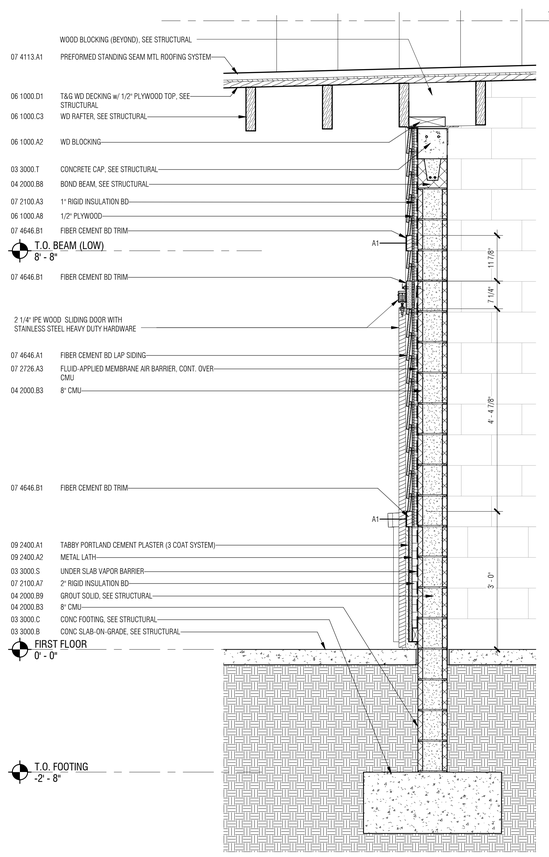
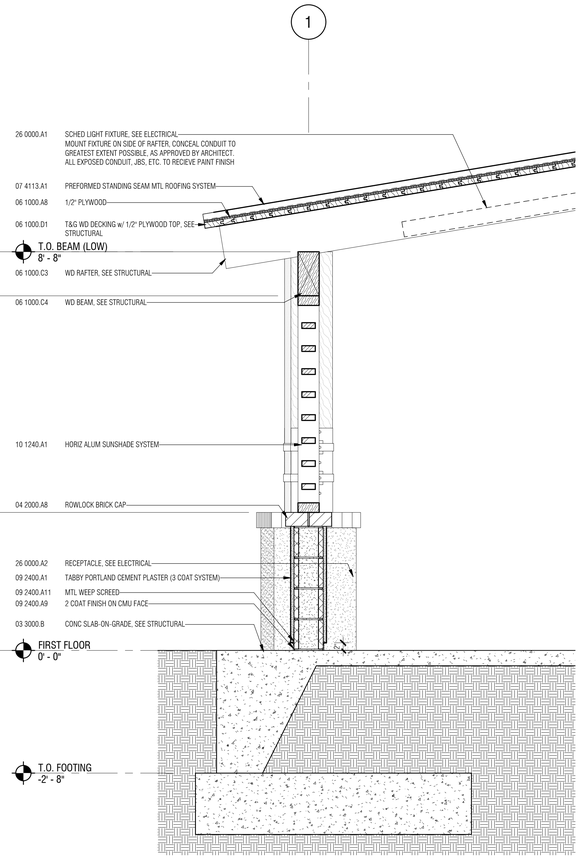
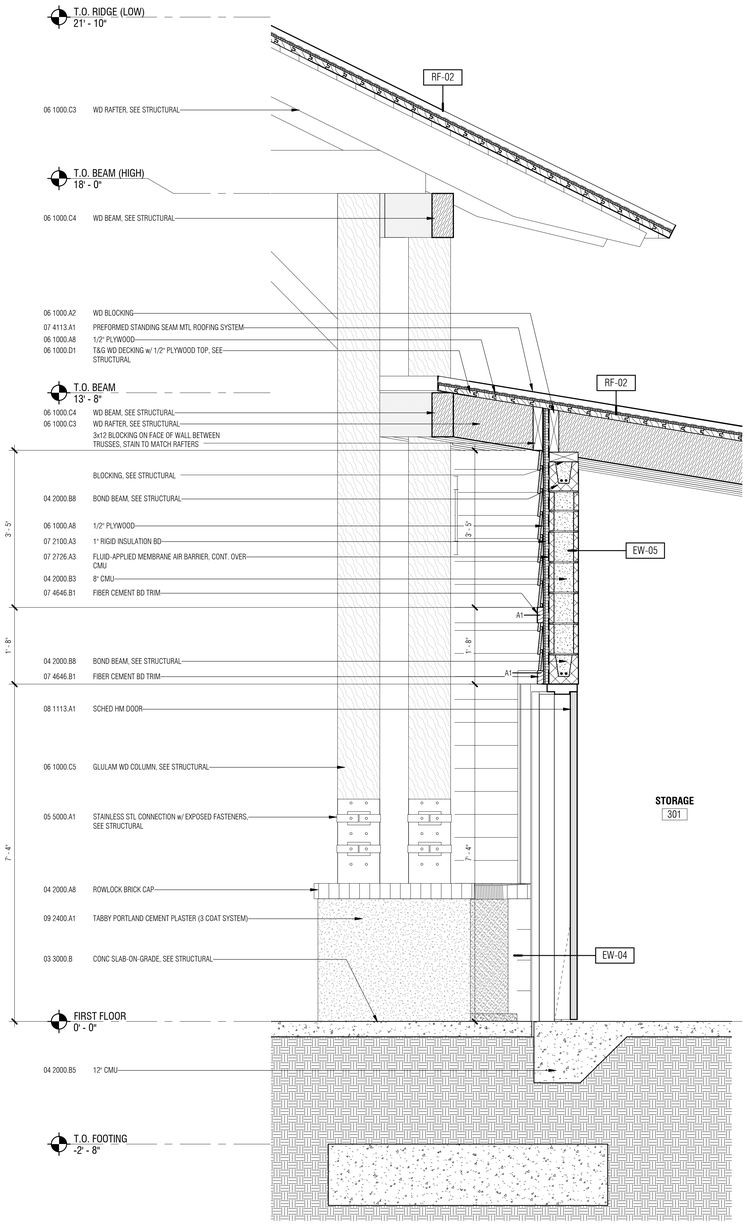
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com



3 A3.402 WALL SECTION
3/4" = 1'-0"



2 A3.402 WALL SECTION
3/4" = 1'-0"



1 A3.402 WALL SECTION
3/4" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF. 100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. BOOZER
COLUMBIA, SC
12790
REGISTERED ARCHITECT

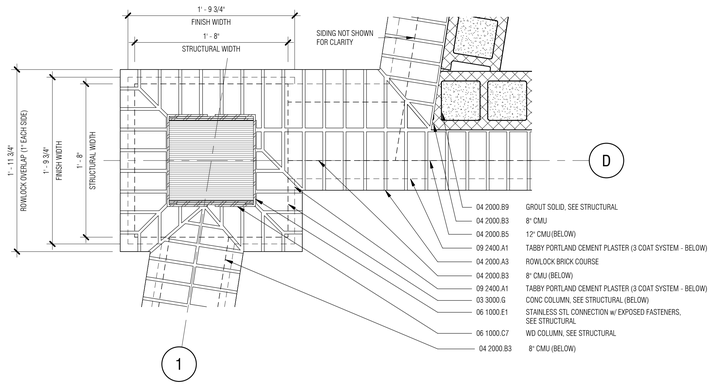
#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
WALL SECTIONS

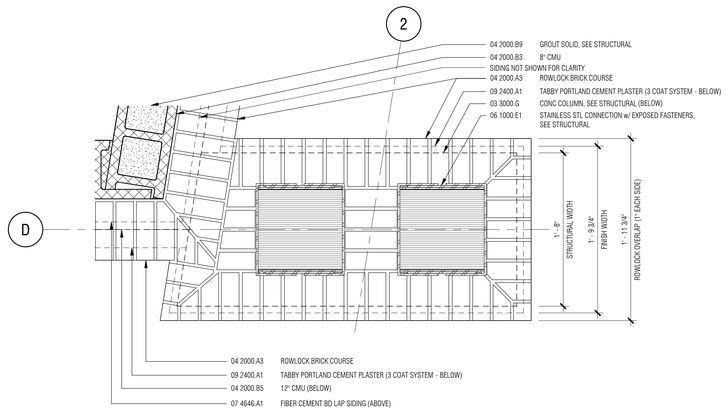
WTS
WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

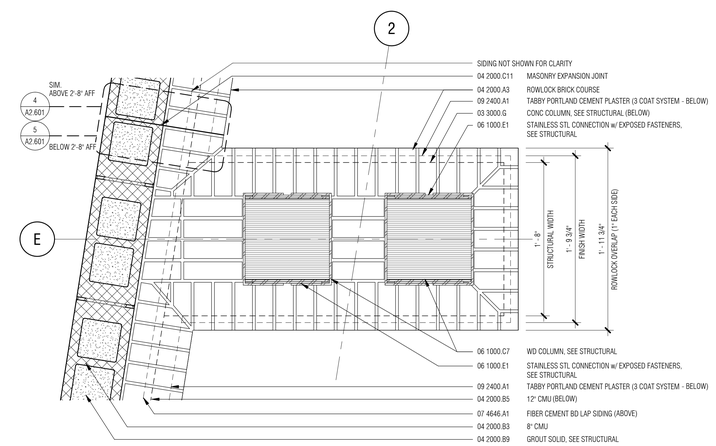
SHEET NUMBER
A3.402



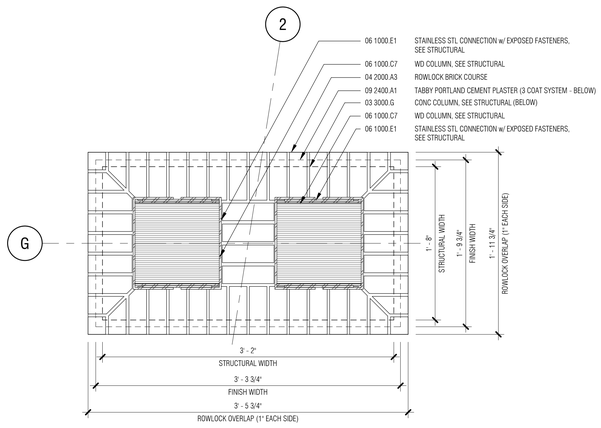
4 A3.501 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"



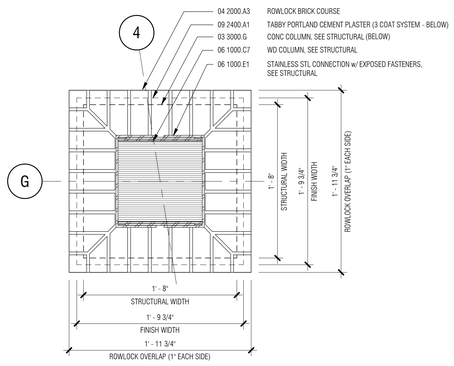
5 A3.501 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"



1 A3.501 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"



2 A3.501 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"



3 A3.501 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE W. TATE
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
EXTERIOR PLAN DETAILS

SHEET NUMBER
A3.501

WTS WATSON TATE SAVORY
WTS Project No. 1406

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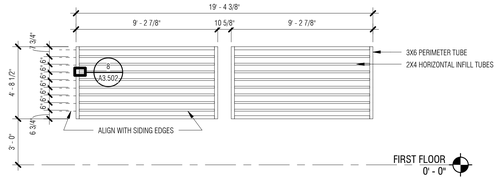
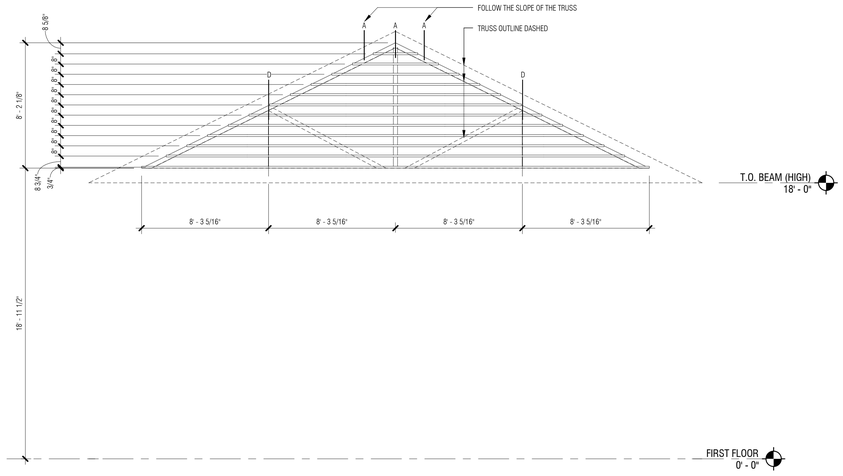
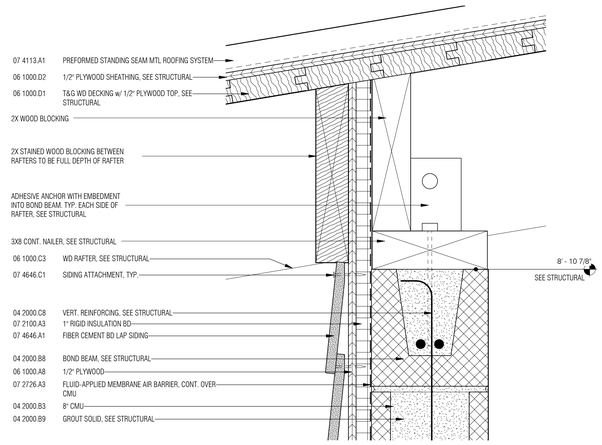
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6618 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com



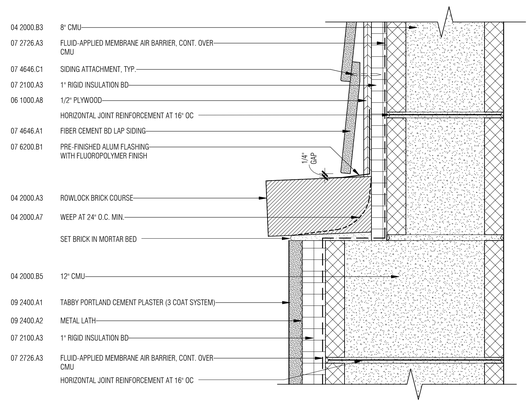
7 A3.502 **WEST SUNSHADE (EAST SIM)**
1/4" = 1'-0"



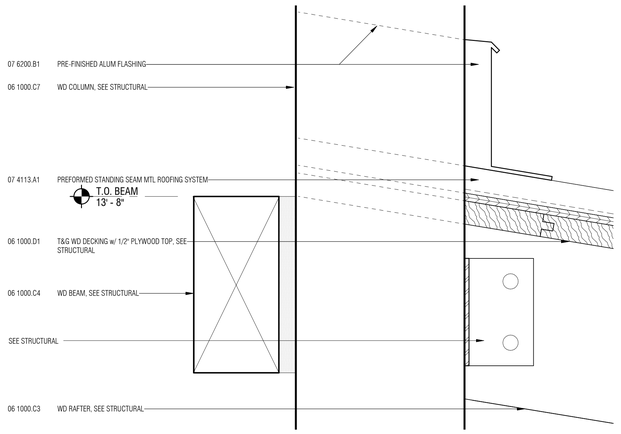
6 A3.502 **SOUTH SUNSHADE**
1/4" = 1'-0"



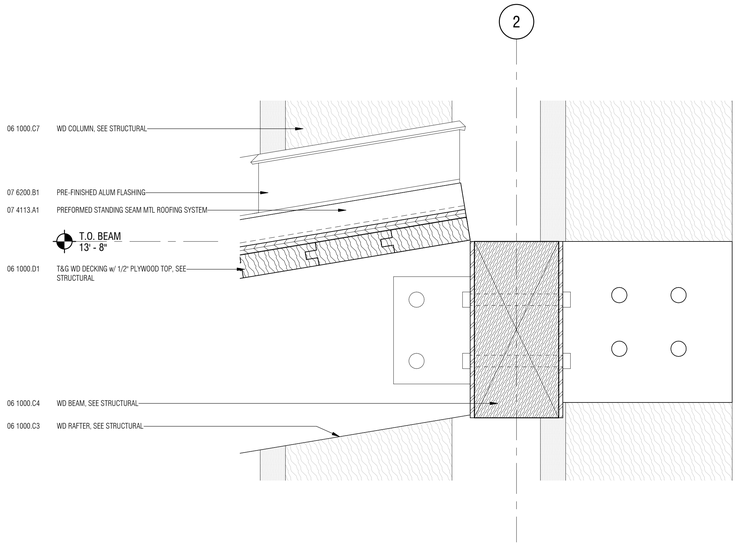
2 A3.502 **ENLARGED SECTION DETAIL**
3" = 1'-0"



1 A3.502 **ENLARGED SECTION DETAIL**
3" = 1'-0"



4 A3.502 **ENLARGED SECTION DETAIL**
3" = 1'-0"

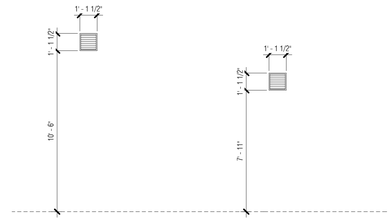


5 A3.502 **ENLARGED SECTION DETAIL**
3" = 1'-0"

8 A3.502 **SUNSHADE DETAIL**
3" = 1'-0"

LOUVER TYPE ELEVATIONS:

NOTE:
COORDINATE LOUVER SIZES w/ MECHANICAL



Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
Author

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WATSON TATE SAVORY, INC.
COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WEEKS
COLUMBIA, SC
7295
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
EXTERIOR DETAILS

SHEET NUMBER
A3.502

WTS WATSON TATE SAVORY
WTS Project No. 1406

Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6518 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

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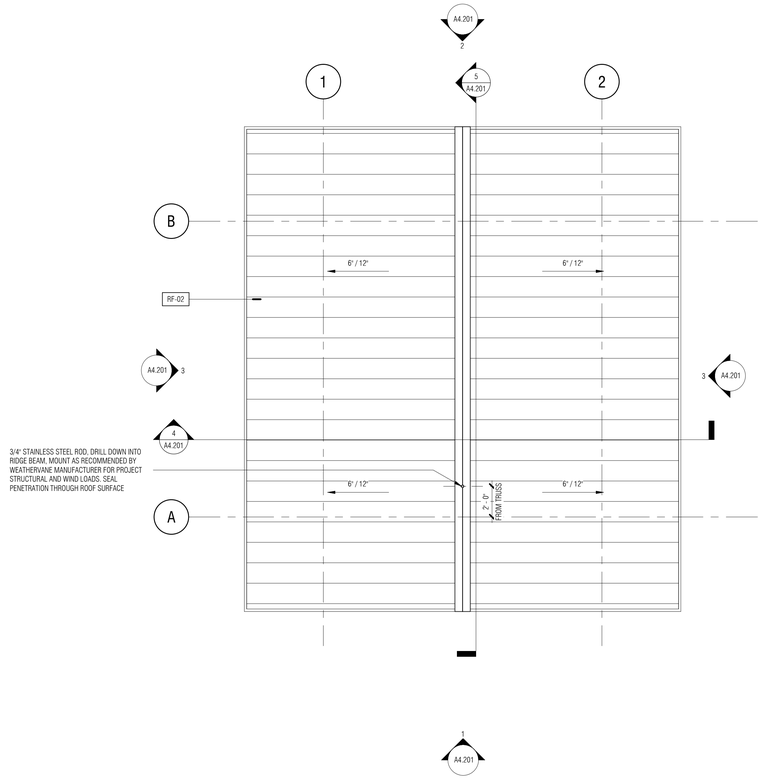
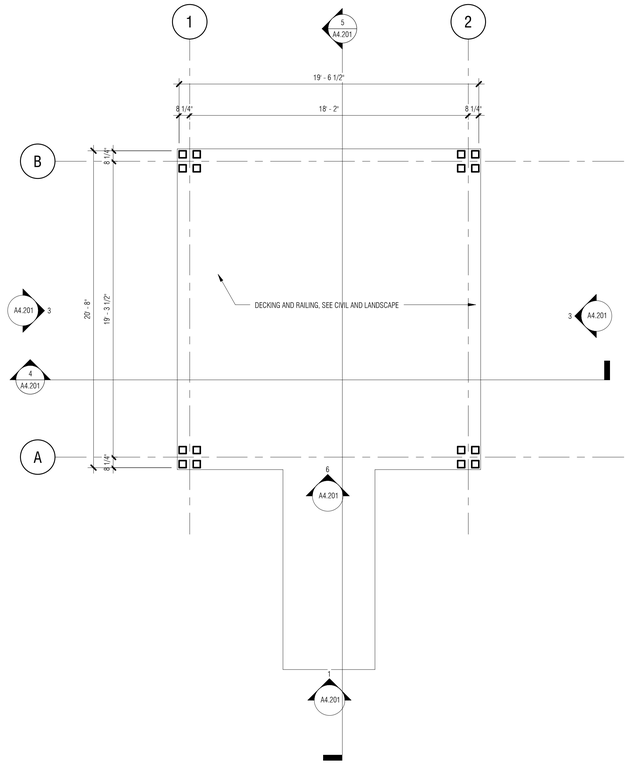
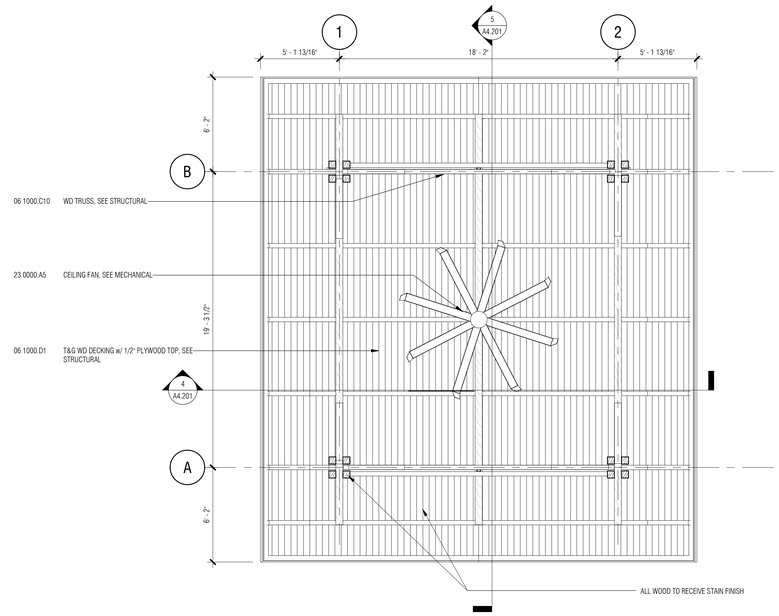


3 A4.101 ROOF PLAN - POND PAVILION
1/4" = 1'-0"



1 A4.101 FLOOR PLAN - POND PAVILION
1/4" = 1'-0"



2 A4.101 REFLECTED CEILING PLAN
1/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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COLUMBIA, SC
ARF.100837
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. WATSON
COLUMBIA, SC
12995
REGISTERED ARCHITECT

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
FLOOR PLANS & REFLECTED CEILING PLAN

SHEET NUMBER
A4.101

WTS WATSON TATE SAVORY
WTS Project No. 1406
Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
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843.681.6618 ▮ Fax 843.681.7080 ▮ www.woodandpartners.com

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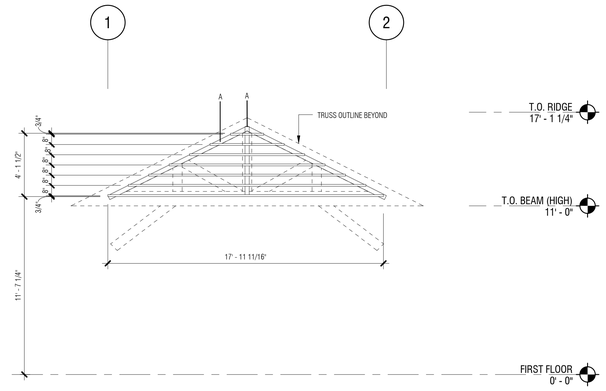
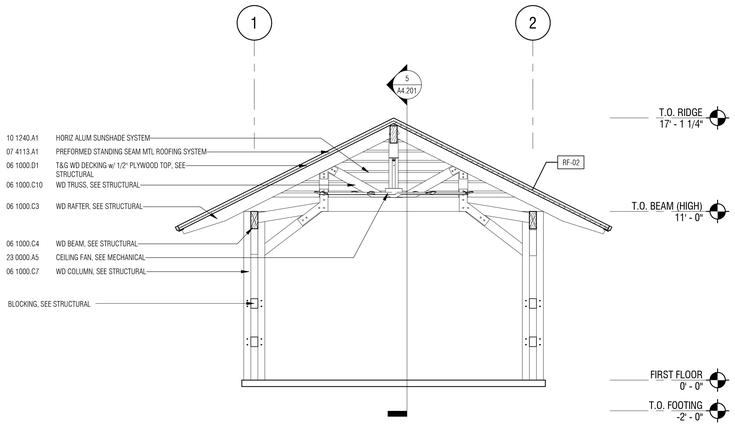
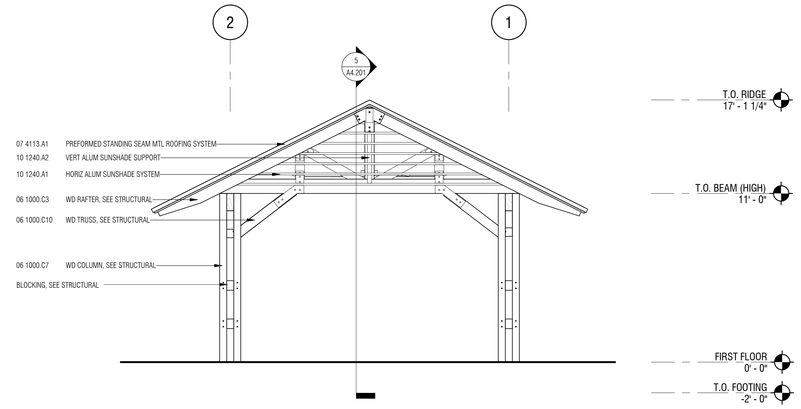


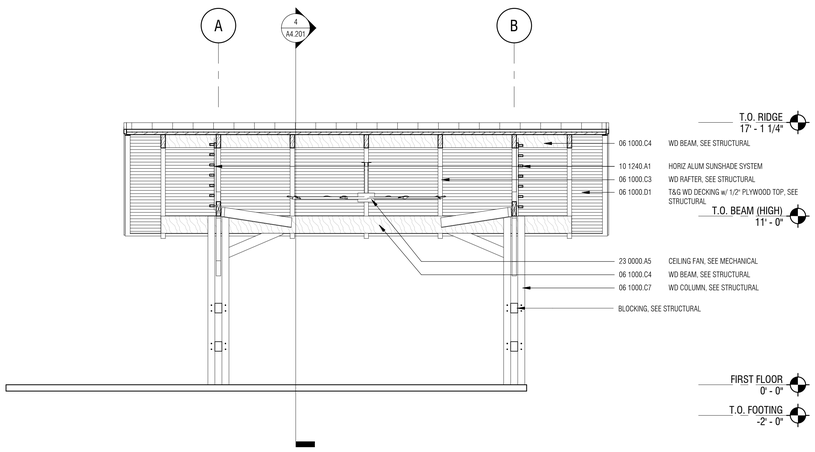
6 A4.201 SUNSHADE ELEVATION
1/4" = 1'-0"



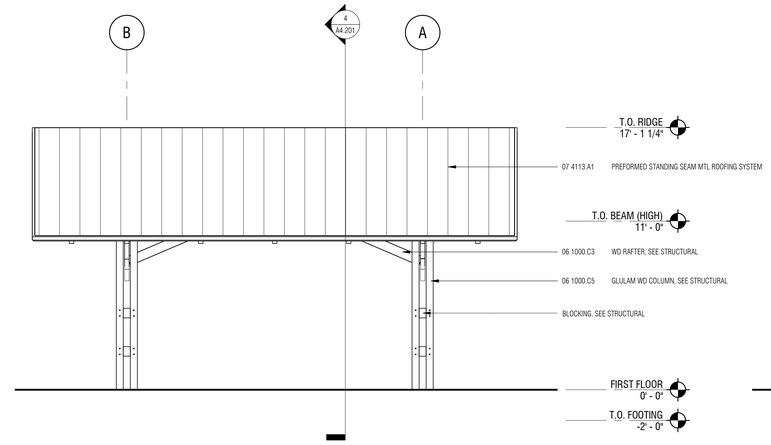
4 A4.201 BUILDING SECTION
1/4" = 1'-0"



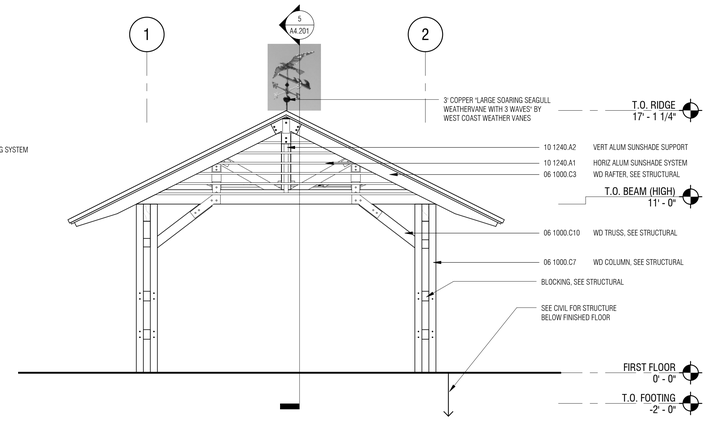
2 A4.201 NORTH ELEVATION - LAKE PAVILION
1/4" = 1'-0"



5 A4.201 BUILDING SECTION
1/4" = 1'-0"



3 A4.201 WEST ELEVATION (EAST SIM) - LAKE PAVILION
1/4" = 1'-0"



1 A4.201 SOUTH ELEVATION - LAKE PAVILION
1/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MPN

CHECKED BY:
EMB

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REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
EUGENE M. VARNEDOE
COLUMBIA, SC
23295
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#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
BUILDING ELEVATIONS & SECTIONS

WTS
WATSON TATE SAVORY
WTS Project No. 1406

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SHEET NUMBER
A4.201

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GENERAL NOTES

DESIGN CRITERIA

CODES: IBC 2012 / ASCE 7-10

LIVE LOAD: ROOF.....20 psf
FIRST FLOOR.....150 psf

WIND LOAD: ASCE 7-10
153 mph (ULT)
EXPOSURE C
ENCLOSED.....INTERIOR SPACES
OPEN.....REMAINDER OF COVERED SPACES
INTERNAL PRESSURE COEFFICIENT = ±0.18 (ENCLOSED SPACES)

COMPONENTS AND CLADDING DESIGN PRESSURE

		ULTIMATE	ASD
WALLS:	TYPICAL	+54, -56 psf	+32, -34
	CORNERS	+54, -64 psf	+32, -38
ROOF:	INTERIOR ZONE	+24, -54 psf	+15, -32
	EDGES	+24, -65 psf	+15, -39
	CORNERS	+24, -89 psf	+15, -53

SEISMIC LOAD: IBC 2012 / ASCE 7-10
Sds = 0.384
Sd1 = 0.208
OCCUPANCY CATEGORY III
SITE CLASS D
SEISMIC DESIGN CATEGORY D
SEISMIC FORCE RESISTING SYSTEMS:
LIGHT FRAMED WALLS WITH SHEAR PANELS,
X-BRACING W/ STEEL RODS,
SPECIAL CMU SHEARWALLS
ANALYSIS PROCEDURE - EQUIVALENT LATERAL FORCE PROCEDURE
DESIGN BASE SHEAR (.7E).....MUSEUM - 7.0 kips
PAVILION - 11.50 kips
RESTROOMS - 9.0 kips
LAKE PAVILION - 1.0 kips

FOUNDATIONS AND SLAB ON GRADE

1. REFER TO GEOTECHNICAL REPORT BY GHD SERVICES, INC. AND SPECIFICATIONS FOR REQUIREMENTS FOR SUBGRADE PREPARATION, PRIOR TO CASTING FOUNDATIONS AND SLABS. SOIL IMPROVEMENT USING EARTHQUAKE DRAINS TO MITIGATE SEISMIC INDUCED LIQUEFACTION SETTLEMENT ARE REQUIRED UNDER FOOTPRINT OF MUSEUM BUILDING. SEE MUSEUM BUILDING FOUNDATION & SLAB PLANS AND SPECIFICATION 31600 FOR REQUIREMENTS.
2. DATUM LEVEL 0F 0'-0" = FINISH FLOOR ELEVATION AT GROUND FLOOR. COORDINATE WITH CIVIL AND ARCHITECTURAL DRAWINGS FOR ACTUAL ELEVATIONS FOR EACH BUILDING.
3. CONCRETE FOR FOUNDATIONS, THICKENED SLABS, AND PEDESTALS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f'c) OF 4000 psi. CONCRETE FOR SLABS ON GRADE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 psi.
4. REINFORCING SHALL COMPLY WITH A.S.T.M. SPECIFICATION A615, GRADE 60.
5. FOOTING AND THICKENED SLAB FOUNDATION REINFORCING SHALL EXTEND TO WITHIN 3 INCHES OF FAR FACE OF INTERSECTING FOOTING. TERMINATE TOP BARS WITH A STANDARD 90° HOOK.
6. REINFORCING SHALL HAVE THE FOLLOWING MINIMUM SPLICE LENGTHS:
#5 BARS.....2'-6"
#6 BARS.....3'-4"

STEEL

1. STRUCTURAL STEEL SHAPES AND PLATES SHALL COMPLY WITH A.S.T.M. SPECIFICATION A304 (STAINLESS STEEL). WHERE SPECIFIED SHAPES ARE NOT AVAILABLE IN STAINLESS STEEL, THEY SHALL BE FABRICATED TO EQUIVALENT SIZE & SHAPE OUT OF ASTM A304 STAINLESS STEEL PLATE.
2. WELDING SHALL COMPLY WITH A.W.S. CODE D1.1 AND SHALL BE PERFORMED BY CERTIFIED WELDERS.
3. STRUCTURAL BOLTS SHALL COMPLY WITH A.S.T.M. SPECIFICATION A316 (STAINLESS STEEL)

WOOD

1. STRUCTURAL WOOD FRAMING FOR STUDS AND 2x FRAMING SHALL BE NO. 2 SOUTHERN YELLOW PINE WITH A MINIMUM ALLOWABLE BENDING STRESS OF 1200 psi. EXTERIOR STUDS AT MUSEUM SHALL BE 2 x 8 MEMBERS. INTERIOR STUDS AT MUSEUM SHALL BE 2 x 6 MEMBERS. PROVIDE DOUBLE STUDS (MINIMUM) CONTINUOUS FROM WALL PLATE TO WALL PLATE AT ALL WALL CORNERS, WINDOW AND DOOR JAMBS, BEAM BEARINGS, AND HOLDOWNS, UNLESS NOTED OTHERWISE ON STRUCTURAL DETAILS. EXTERIOR MEMBERS, AND MEMBERS WHERE INDICATED, SHALL BE TREATED.
2. STRUCTURAL WOOD HEAVY TIMBER FRAMING (3 x 8 AND LARGER) SHALL BE NO. 1 SOUTHERN PINE. EXTERIOR MEMBERS AND MEMBERS WHERE INDICATED, SHALL BE PRESSURE TREATED.
   A) AT MUSEUM, ALL RAFTERS & FRAMING THAT EXTENDS BEYOND EXTERIOR WALLS SHALL BE PRESSURE TREATED FOR THEIR ENTIRE LENGTH.
   B) AT MUSEUM PORCH FRAMING, ALL FRAMING, COLUMNS, AND DECKING SHALL BE PRESSURE TREATED.
   C) AT PAVILION, MAIN RESTROOM, LAKE PAVILION, & POND RESTROOM, ALL FRAMING, COLUMNS, AND DECKING SHALL BE PRESSURE TREATED.
3. NAIL 1/2" PLYWOOD ROOF SHEATHING TO DECKING W/ 10D x 1 1/2" LG. NAILS SPACED @ 4"O.C. AT PERIMETER OF SHEETS AND 12"O.C. AT INTERIOR OF SHEETS. NAILS SHALL NOT EXTEND THRU DECKING. NAIL 1/2" PLYWOOD WALL SHEATHING TO STUDS WITH 10d NAILS SPACED @ 4"O.C. AT PERIMETER OF SHEETS AND 12"O.C. AT INTERIOR OF SHEETS. PROVIDE BLOCKING BETWEEN WALL STUDS, AT EDGES OF PLYWOOD SHEETS TO FACILITATE EDGE NAILING.
4. AT ALL ANCHOR BOLTS FOR STUD WALL PLATE, PROVIDE SIMPSON TYPE LBP1/2 PLATE WASHERS ON TOP OF WALL PLATE.
5. EXTERIOR WALL LINTELS FOR OPENINGS UP TO 4'-6" SPANS AND NOT DETAILED OTHERWISE SHALL BE 3-2 x 10 TYPICAL. LINTELS FOR INTERIOR SHEAR WALLS FOR SPANS UP TO 4'-0" AND NOT DETAILED OTHERWISE 3-2 x 10 FOR 2 x 6 STUD WALLS AND 2-2 x 10 FOR 2 X 4 STUD WALLS.
6. GLULAM COLUMNS SHALL MEET THE REQUIREMENTS OF COMBINATION 50 LAYUP. GLULAM COLUMNS, INCLUDING ALL COLUMNS FOR ALL BUILDINGS (EXCEPT FOR INTERIOR 10 1/2 x 11 COLUMNS AT THE MUSEUM) SHALL BE PRESSURE TREATED. MINIMUM ALLOWABLE STRESSES SHALL BE AS LISTED:
   Fb (y) = 2300 PSI
   Fb (x) = 2100 PSI
   Fc (PARALLEL TO GRAIN) = 2300 PSI
   Ft (PARALLEL TO GRAIN) = 1550 PSI
   Fv = 260 PSI
7. SEE SHEET S1.501 FOR SHEAR WALL LAYOUT AND ANCHOR TIE-DOWN LOCATIONS AND DETAILS FOR MUSEUM BUILDING.
8. FRAMING ANCHORS AND CONNECTORS THAT ARE SHOWN IN DETAILS SHALL BE AS MANUFACTURED BY SIMPSON STRONG-TIE. CONNECTORS SHALL TYPICALLY BE STAINLESS STEEL (A316L). WHERE STAINLESS STEEL CONNECTORS ARE NOT AVAILABLE, CONNECTORS SHALL BE GALVINZED TO MEET THE Z-MAX TRIPLE-COATED LEVEL.

REINFORCED MASONRY

1. ALL REINFORCED MASONRY SHALLL HAVE A MINIMUM f'm = 1500 PSI.
2. GROUT FOR FILLED CORES, BOND BEAMS, AND LINTELS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI AND AN 8" SLUMP. MORTAR SHALL NOT BE USED AS A SUBSTITUTE FOR GROUT.
3. MASONRY CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF ACI 530.
4. PROVIDE STANDARD WEIGHT HOT-DIP GALVANIZED HORIZONTAL JOINT REINFORCING AT 16 INCHES ON CENTER IN ALL MASONRY WALLS.
5. MORTAR SHALL BE TYPE S, AND SHALL BE MADE USING MORTAR CEMENT OR PORTLAND CEMENT/LIME MIX. MASONRY CEMENT SHALL NOT BE USED FOR REINFORCED MASONRY CONSTRUCTION.
6. PROVIDE BOND BEAMS WITH 2-#5 BARS, CONTINUOUS AT 4'-0" (+/-) ON CENTER VERTICALLY IN 8" MASONRY WALLS. SEE SHEETS ??????? FOR ADDITIONAL REQUIREMENTS.
7. VERTICAL REINFORCING IN SINGLE REINFORCED WALLS SHALL BE CENTERED IN THE WALL. REINFORCING BAR POSITIONERS SHALL BE USED IN ALL WALLS TO ENSURE THAT VERTICAL REINFORCING IS LOCATED AS REQUIRED.
8. SEE SHEETS ???????? FOR LINTEL REQUIRENTS AT MASONRY WALLS. LINTELS ARE REQUIRED AT ALL MASONRY OPENINGS, INCLUDING MECHANICAL DUCTWORK PENETRATIONS THRU WALLS. COORDINATE DUCTWORK PENETRATION OPENING LOCATIONS AND ELEVATIONS FROM MECHANICAL DRAWINGS WITH LINTEL REQUIREMENTS PRIOR TO CONSTRUCTION OF CMU WALLS. LINTELS SHOWN SHALL BE PROVIDED UNLESS COORDINATION CONFLICTS ARE DISCOVERED AND REDESIGNS ARE PROVIDED BY ARCHITECT/ENGINEER PRIOR TO CONSTRUCTION OF CMU WALLS.

SPECIAL INSPECTIONS

INSPECTION/TESTING	IBC REFERENCE	FREQUENCY
SUBGRADE PREPARATION	TABLE 1705.6	PER REQUIREMENTS OF TABLE 1704.6
EARTHQUAKE DRAINS INSTALLATION (MUSEUM ONLY)	TABLE 1705.6	PER REQUIREMENTS OF EARTHQUAKE DRAIN DESIGNS
CONCRETE REINFORCEMENT	TABLE 1705.3	PERIODIC - PRIOR TO EACH CONCRETE POUR
ANCHOR BOLT PLACEMENT	TABLE 1705.3	PERIODIC - PRIOR CONCRETE POUR
CONCRETE CURING	TABLE 1705.3	PERIODIC - WITH EACH CONCRETE POUR
CONCRETE TESTING	TABLE 1705.3	CONTINUOUS - WITH EACH CONCRETE POUR
STRUCTURAL STEEL MATERIAL	AISC 360	PERIODIC - WEEKLY (+/-) DURING COURSE OF STEEL INSTALLATION WORK
FIELD WELDING	AISC 360	PERIODIC - WEEKLY (+/-) DURING COURSE OF STEEL INSTALLATION WORK
MASONRY CONSTRUCTION	SECTION 1705.4 (AISC 530 - TABLE 1.18.2)	PERIODIC OR CONTINUOUS. SEE TABLE 1.18.2 OF ACI 530 REQUIREMENTS.
HIGH LOAD DIAPHRAGMS AND SHEAR WALLS	SECTION 1705.5.1	PERIODIC INSPECTION OF DIAPHRAGM AND SHEAR WALL INSTALLATION, INCLUDING ANCHOR TIE-DOWN DETAILS.
STRUCTURAL WOOD FRAMING CONNECTIONS AND DETAILS	SECTION 1705.10.1	PERIODIC INSPECTION OF STRUCTURAL WOOD FRAMING INSTALLATION.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MORRISON
CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 6-27-2016 WILLIAM USSERY DESIGN

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
GENERAL NOTES

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SHEET NUMBER
S0.001

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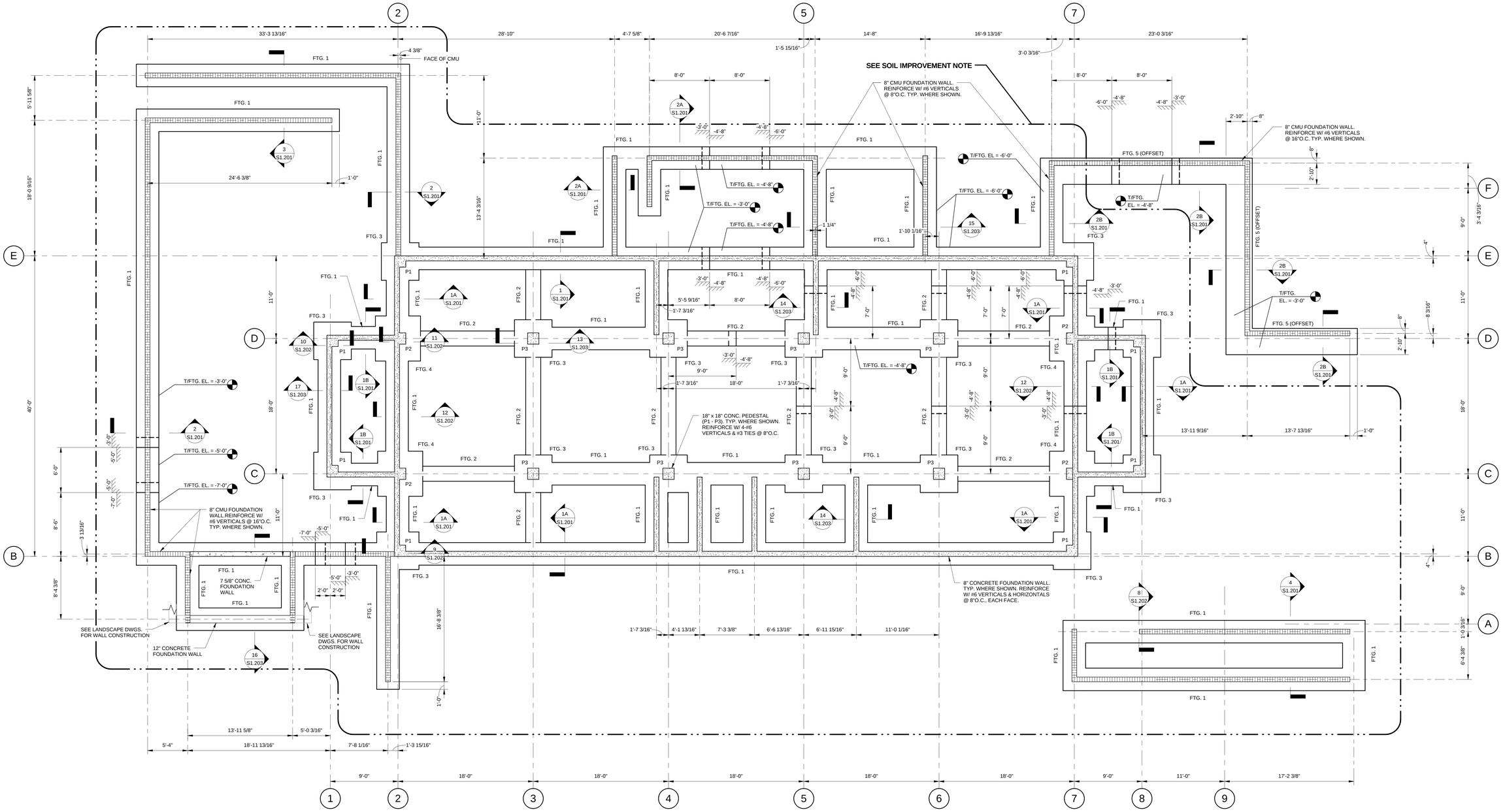

MUSEUM - FOUNDATION PLAN

3/16" = 1'-0"

FOUNDATION NOTES:

1. T/FOOTING EL. = -3'-0", TYP. UNLESS NOTED OTHERWISE.
2. T/CONCRETE PEDESTALS & CONCRETE FND. WALLS EL. = -1'-0".

SOIL IMPROVEMENT NOTES:

1. **ALL WORK UNDER SOIL IMPROVEMENT CONTRACT TO COMPLY WITH SPECIFICATION SECTION 316000.**
2. **LINE TYPE (—— · · ——) INDICATES THE APPROXIMATE EXTENTS OF THE REQUIRED AREA OF SOIL IMPROVEMENT. EXACT EXTENTS OF THE SOIL IMPROVEMENT OUTSIDE OF THE BUILDING FOOTPRINT SHALL BE DETERMINED BY THE SPECIALTY SOIL IMPROVEMENT CONTRACTOR, BUT SHALL BE SUFFICIENT TO ENSURE THAT SOIL BENEATH FOUNDATIONS AND SLABS HAS BEEN IMPROVED TO MEET THE DESIGN REQUIREMENTS LISTED IN THE SPECIFICATIONS.**

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MORRISON

CHECKED BY: USSERY

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SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
FOUNDATION PLAN

SHEET NUMBER
S1.100

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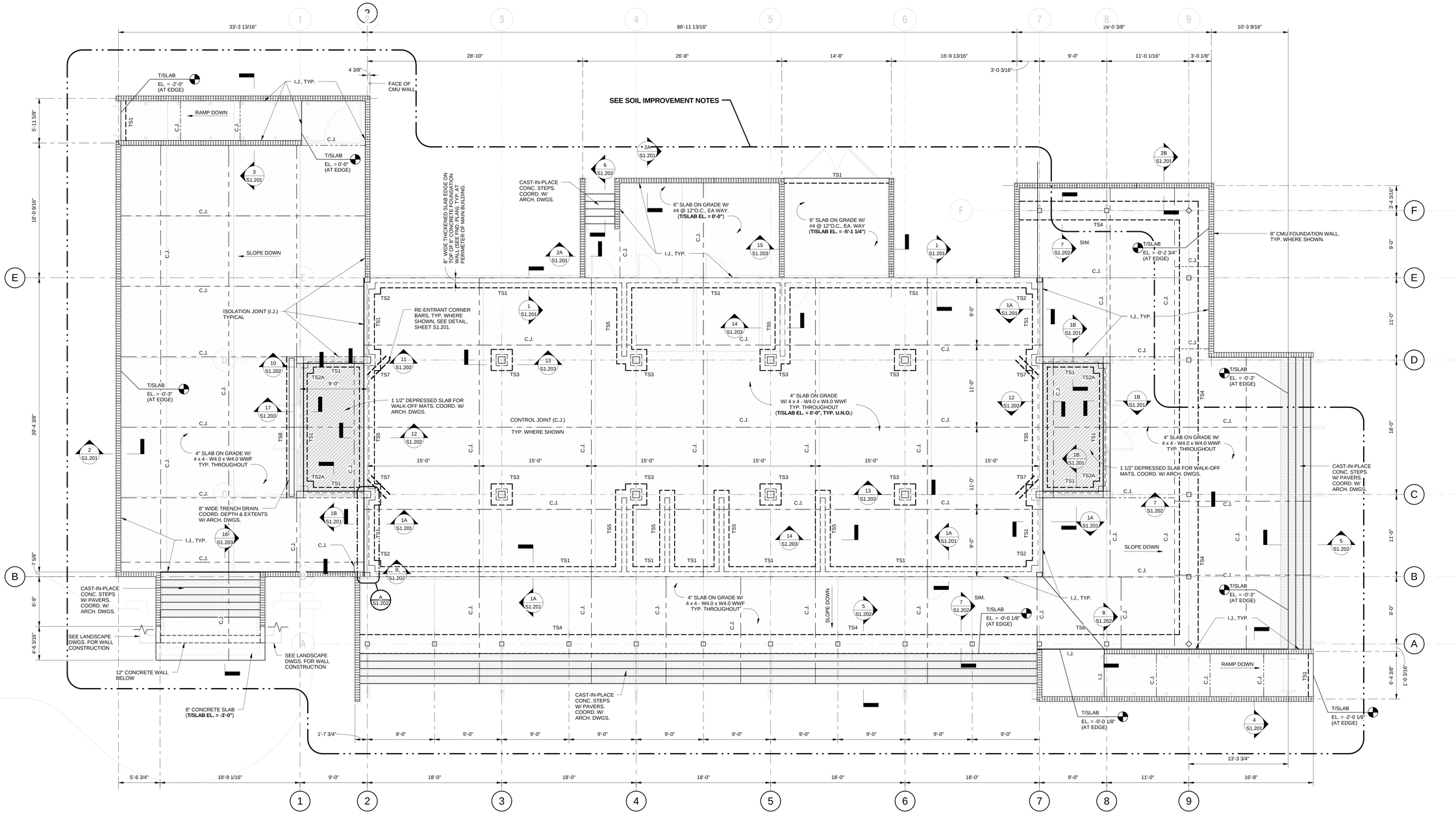

MUSEUM - FIRST FLOOR SLAB PLAN

3/16" = 1'-0"

FIRST FLOOR SLAB NOTES:

1. T/FIRST FLOOR SLAB EL. = 0'-0", TYP. AT INTERIOR, U.N.O.
2. SEE PLAN & ARCH. DWGS. FOR EXTERIOR SLAB SLOPES.

SOIL IMPROVEMENT NOTES:

1. **ALL WORK UNDER SOIL IMPROVEMENT CONTRACT TO COMPLY WITH SPECIFICATION SECTION 316000.**
2. **LINE TYPE (—— · · ——) INDICATES THE APPROXIMATE EXTENTS OF THE REQUIRED AREA OF SOIL IMPROVEMENT. EXACT EXTENTS OF THE SOIL IMPROVEMENT OUTSIDE OF THE BUILDING FOOTPRINT SHALL BE DETERMINED BY THE SPECIALTY SOIL IMPROVEMENT CONTRACTOR, BUT SHALL BE SUFFICIENT TO ENSURE THAT SOIL BENEATH FOUNDATIONS AND SLABS HAS BEEN IMPROVED TO MEET THE DESIGN REQUIREMENTS LISTED IN THE SPECIFICATIONS.**

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MORRISON

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SOUTH CAROLINA 4SE, INC. No. O025978 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
FIRST FLOOR SLAB PLAN

SHEET NUMBER
S1.101

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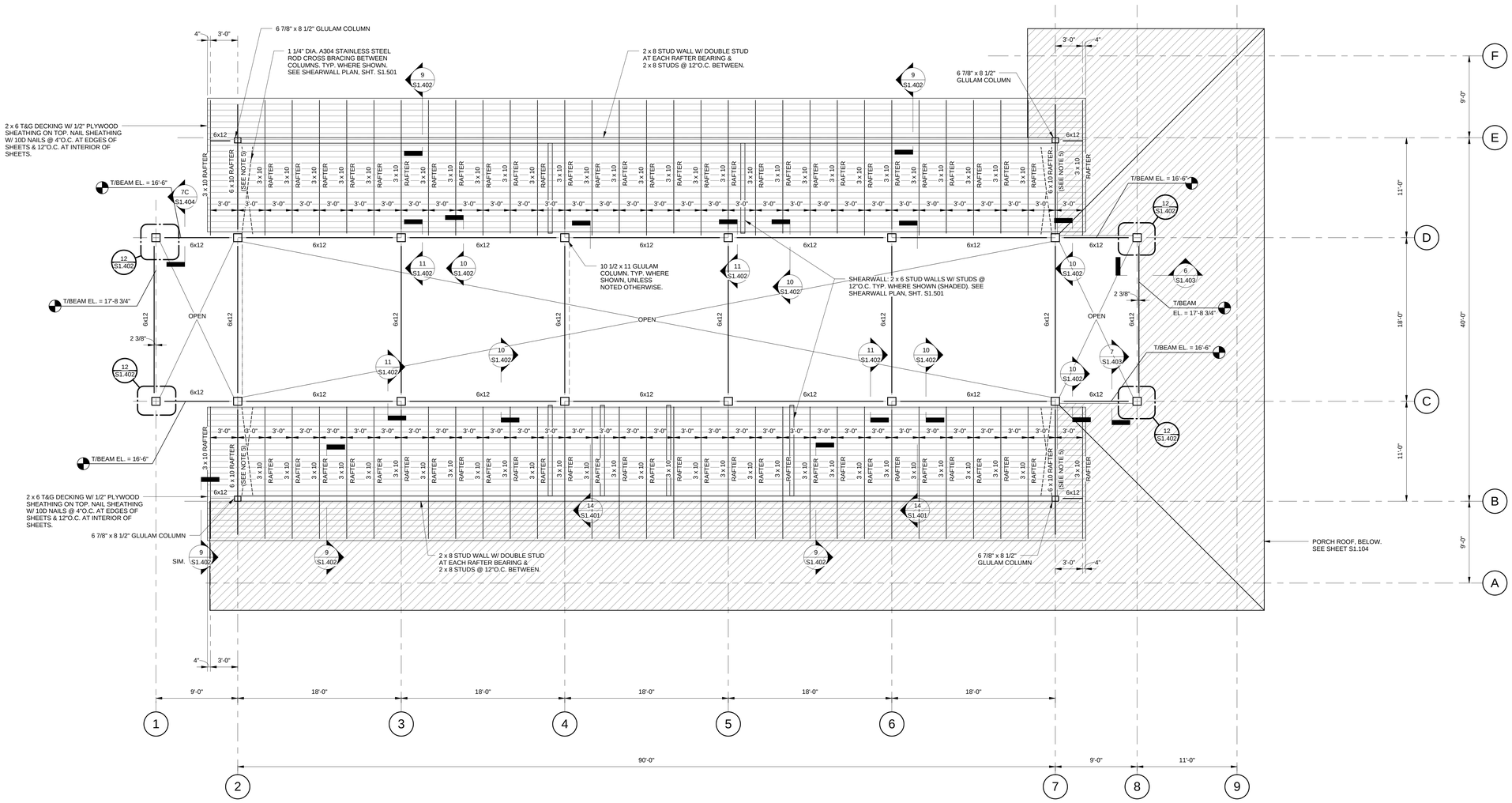

MUSEUM - LOW ROOF FRAMING PLAN

3/16" = 1'-0"

NOTES:

1. RAFTER TO BEAM, COLUMNS, AND WALL CONNECTIONS TO MADE WITH STAINLESS STEEL ANGLES AND PLATES & THROUGH BOLTS OR LAG SCREWS. SEE DETAILS.
2. BEAM TO COLUMN CONNECTIONS TO MADE WITH STAINLESS STEEL ANGLES AND PLATES WITH THROUGH BOLTS. SEE DETAILS.
3. 10 1/2 x 11 GLULAM COLUMN ORIENTATION: 11 / 10 1/2
4. 8 1/4 x 8 1/2 GLULAM COLUMN ORIENTATION: 8 1/2 / 6 7/8
5. TRIM 6 x 10 AT LINES '2' & '7' TO 3 x 10 SIZE AT CANTILEVER TO MATCH OTHER CANTILEVERED ROOF JOISTS.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MORRISON
CHECKED BY: USSERY

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SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 6-27-2016 DEAN WILLIAM USSERY

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
LOW ROOF FRAMING PLAN

SHEET NUMBER
S1.102

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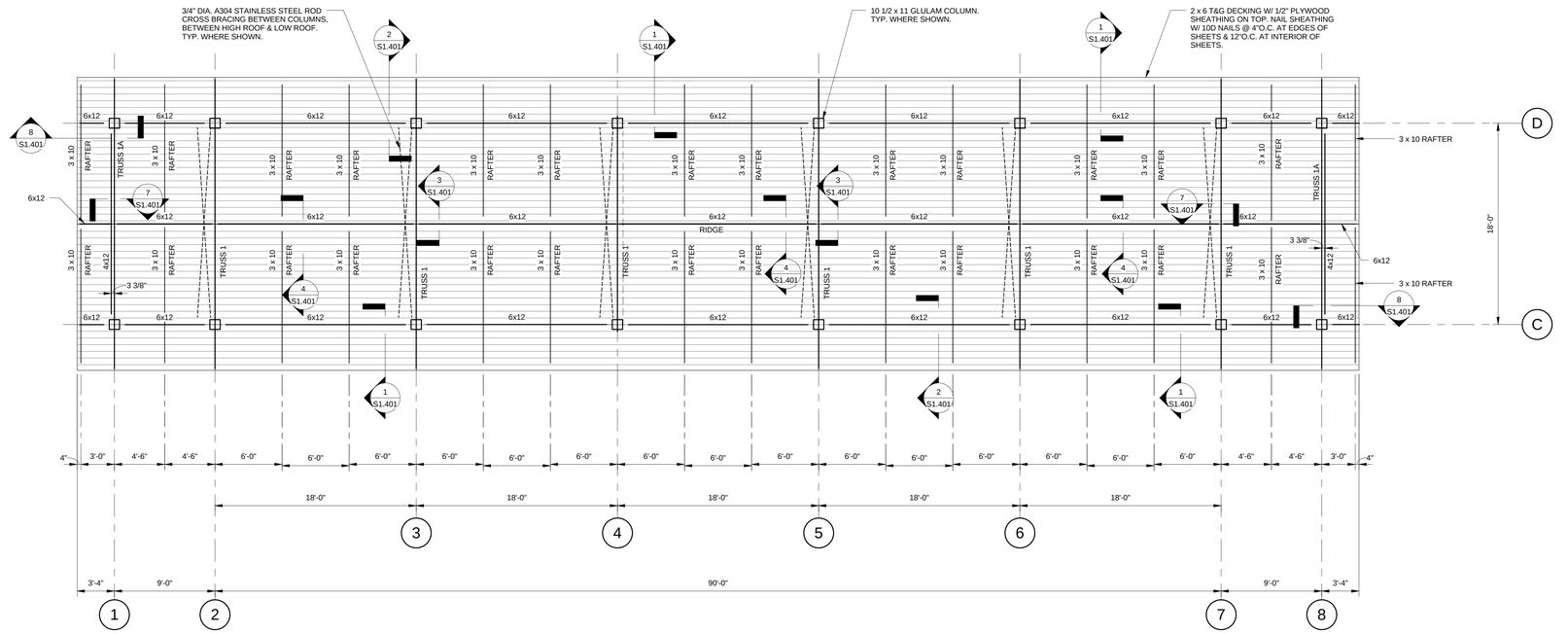

MUSEUM - HIGH ROOF FRAMING PLAN

3/16" = 1'-0"

NOTES:

1. TRUSSES AT COLUMN LINES SHALL BE MADE WITH 3 x 10 TOP CHORDS, 3 x 8 BOTTOM CHORDS, & 3 x 6 WEB MEMBERS. SEE DETAILS.
2. ALL TRUSS CONNECTIONS TO BE MADE WITH STAINLESS STEEL SIDE PLATES & THROUGH BOLTS. SEE DETAILS.
3. ALL TRUSS TO COLUMN, BEAM TO COLUMN, & BEAM TO BEAM CONNECTIONS TO BE MADE WITH STAINLESS STEEL ANGLES AND PLATES & THROUGH BOLTS. SEE DETAILS.
4. 10 1/2 x 11 GLULAM COLUMN ORIENTATION: 11 / 10 1/2

Town of Hilton Head Island
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Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MORRISON
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4SE, INC. No. C02576 SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION

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PROJECT NUMBER
01-16002
SHEET TITLE
HIGH ROOF FRAMING PLAN

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S1.103

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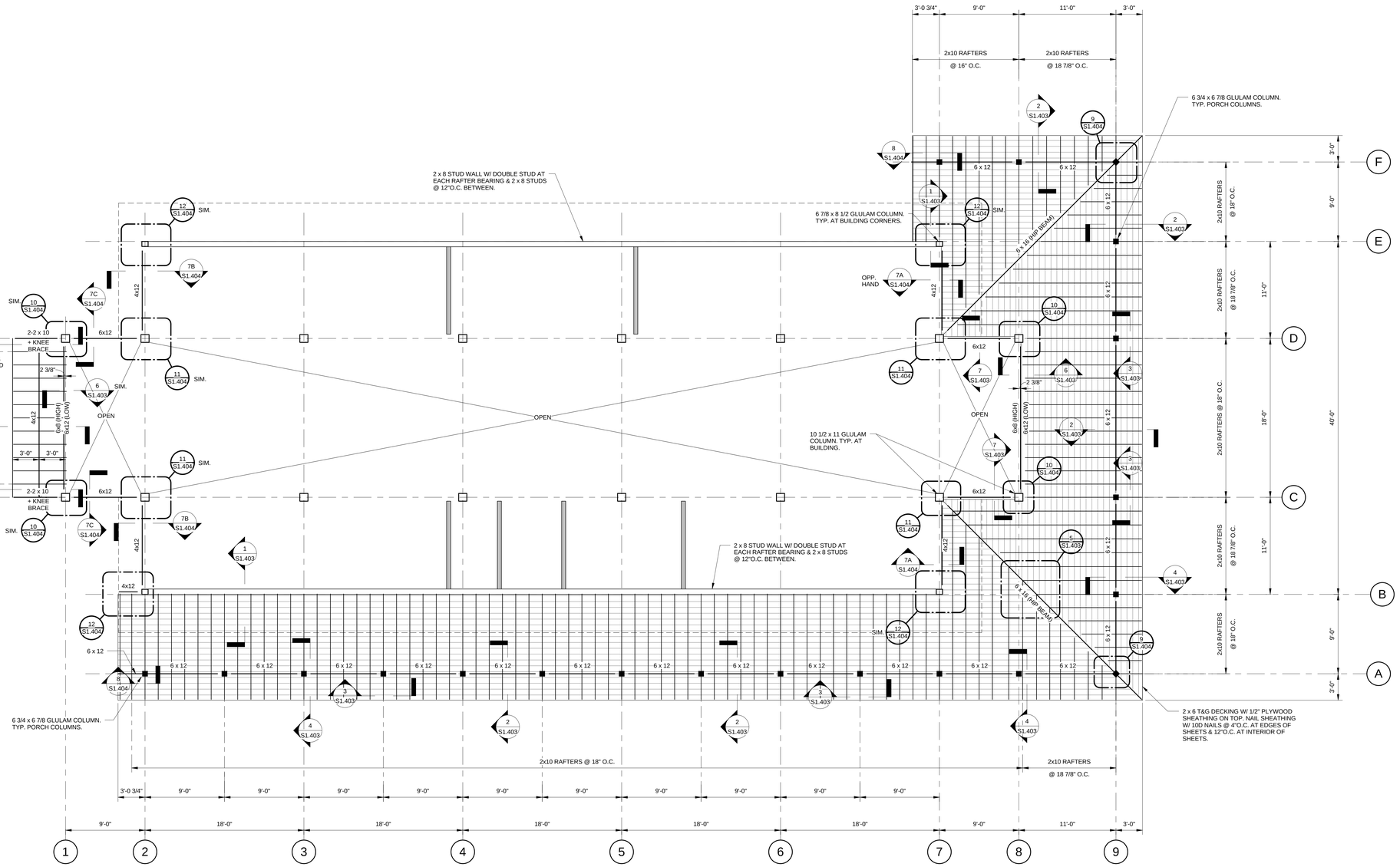

MUSEUM - PORCH ROOF FRAMING PLAN

3/16" = 1'-0"

NOTES:

1. ALL BEAM TO BEAM AND BEAM TO COLUMN CONNECTIONS TO MADE WITH STEEL ANGLES AND PLATES & THROUGH BOLTS OR LAG SCREWS.

S:\Jobs\Active\2015\15-106 Coligny Development Phase 2\Drawings\Coligny - Museum, Structural_Rev 15.rvt

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MORRISON

CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 DEAN WILLIAM USSERY 6-27-2016

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

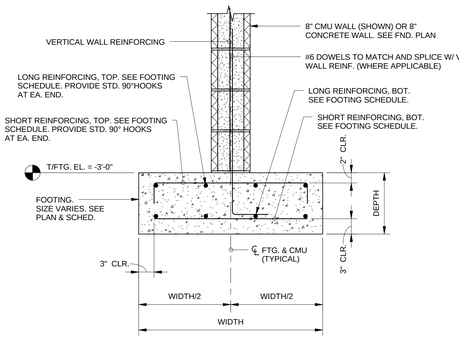
PROJECT NUMBER
01-16002

SHEET TITLE
PORCH ROOF FRAMING PLAN

4SE
4 RADCLIFFE STREET
SUITE 200
CHARLESTON, SC 29403
PH: 843.722.1992
FAX: 843.722.1993
www.4seinc.com

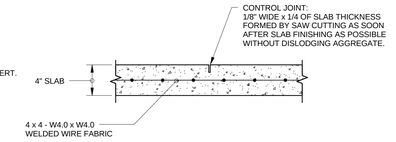
Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6616 ▮ Fax 843.681.7084 ▮ www.woodandpartners.com

SHEET NUMBER
S1.104

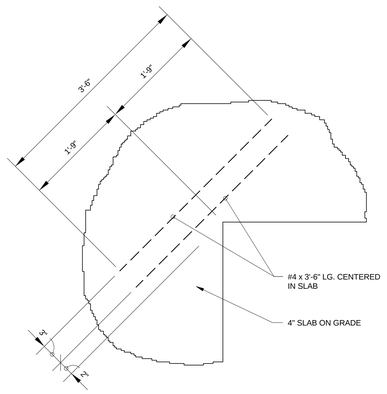


TYPICAL SECTION THRU FOOTING
1" = 1'-0"

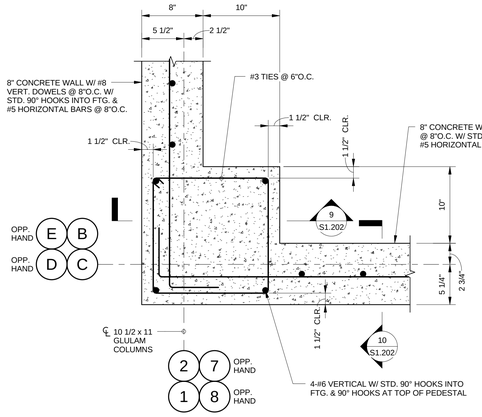
FOOTING SCHEDULE							
MARK	LENGTH	WIDTH	DEPTH	REINFORCING			
				TOP		BOTTOM	
				LONG	SHORT	LONG	SHORT
FTG. 1	CONT.	3'-0"	1'-4"	4-#5	#4 @ 16"	4-#5	#4 @ 16"
FTG. 2	CONT.	2'-0"	1'-0"	3-#5	-	3-#5	-
FTG. 3	5'-0"	5'-0"	1'-4"	6-#5	6-#5	6-#5	6-#5
FTG. 4	6'-0"	6'-0"	1'-4"	7-#5	7-#5	7-#5	7-#5
FTG. 5 (OFFSET)	CONT.	3'-6"	1'-4"	4-#5	#4 @ 16"	4-#5	#4 @ 16"



TYPICAL CONTROL JOINT DETAIL
1 1/2" = 1'-0"

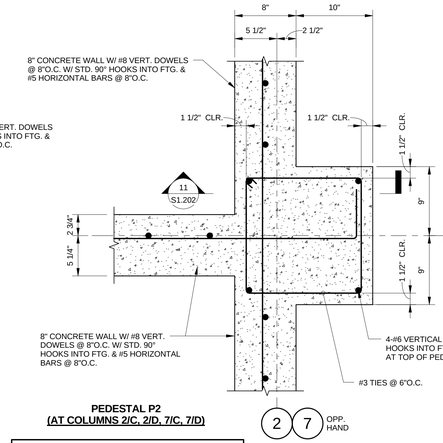


TYPICAL RE-ENTRANT CORNER DETAIL
1" = 1'-0"



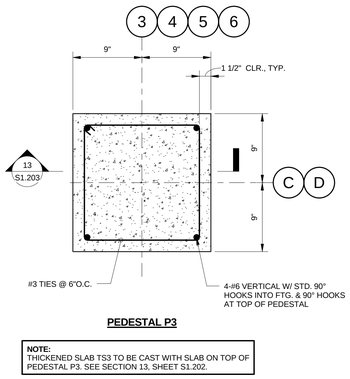
PEDESTAL P1
(AT COLUMNS 1/C, 1/D, 2/B, 2/E, 7/B, 7/E, 8/C, & 8/D)

NOTE:
THICKENED SLAB TS2 TO BE CAST WITH SLAB ON TOP OF PEDESTAL P1. SEE SECTION 9, SHEET S1.202 AT LINES '2' & '7' & SECTION 10, SHEET S1.202 AT LINES '1' & '8'.



PEDESTAL P2
(AT COLUMNS 2/C, 2/D, 7/C, 7/D)

NOTE:
THICKENED SLAB TS7 TO BE CAST WITH SLAB ON TOP OF PEDESTAL P2. SEE SECTION 11, SHEET S1.202.



PEDESTAL P3

NOTE:
THICKENED SLAB TS3 TO BE CAST WITH SLAB ON TOP OF PEDESTAL P3. SEE SECTION 13, SHEET S1.202.

PEDESTAL DETAILS
1 1/2" = 1'-0"

SECTION 1
1" = 1'-0" S1.100 | S1.201

SECTION 1A
1" = 1'-0" S1.100 | S1.201

SECTION 1B
1" = 1'-0" S1.100 | S1.201

SECTION 3
1" = 1'-0" S1.100 | S1.201

SECTION 2
1" = 1'-0" S1.100 | S1.201

SECTION 2A
1" = 1'-0" S1.100 | S1.201

SECTION 2B
1" = 1'-0" S1.100 | S1.201

SECTION 4
1" = 1'-0" S1.100 | S1.201

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MORRISON

CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 DEAN WILLIAM USSERY 6-27-2016

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
FOUNDATION AND SLAB DETAILS

4SE
3 RADCLIFFE STREET SUITE 201 CHARLESTON, SC 29403
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SHEET NUMBER
S1.201

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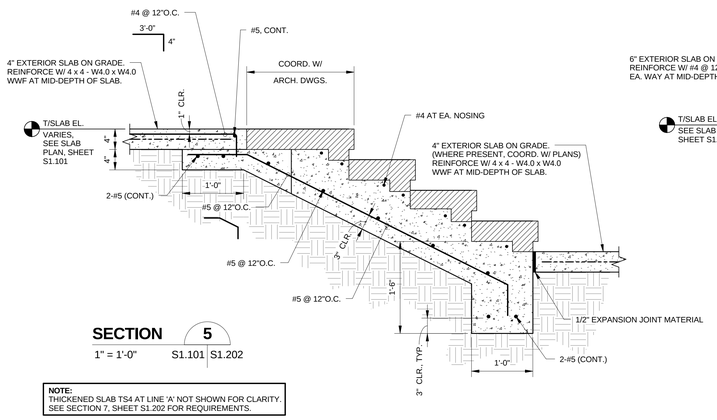
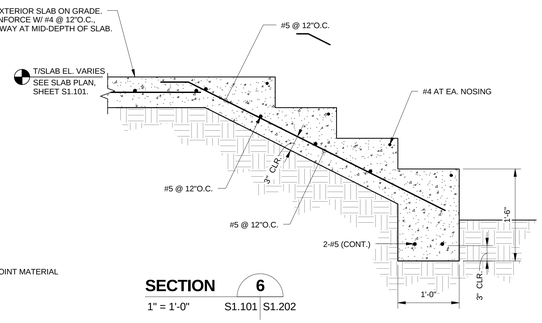


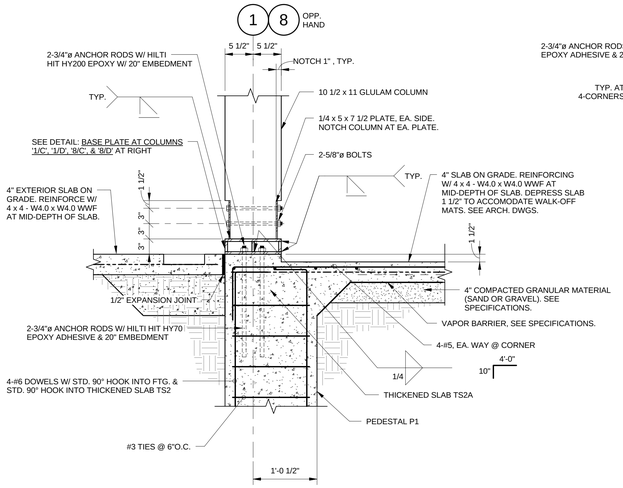
SECTION 5
1" = 1'-0" S1.101 | S1.202

NOTE:
THICKENED SLAB TS4 AT LINE 'A' NOT SHOWN FOR CLARITY. SEE SECTION 7, SHEET S1.202 FOR REQUIREMENTS.



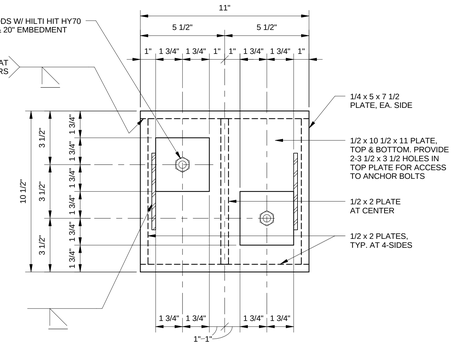
SECTION 6
1" = 1'-0" S1.101 | S1.202

NOTE:
THICKENED SLAB TS4 AT LINE 'A' NOT SHOWN FOR CLARITY. SEE SECTION 7, SHEET S1.202 FOR REQUIREMENTS.

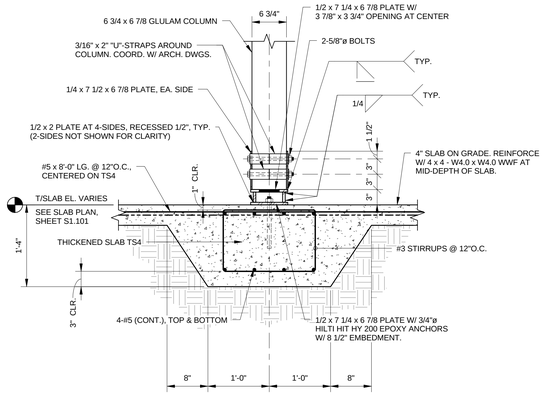


SECTION 10
1" = 1'-0" S1.100 | S1.202

NOTE:
DETAIL OCCURS AT COLUMNS '1/C', '1/D', '8/C', & '8/D'.

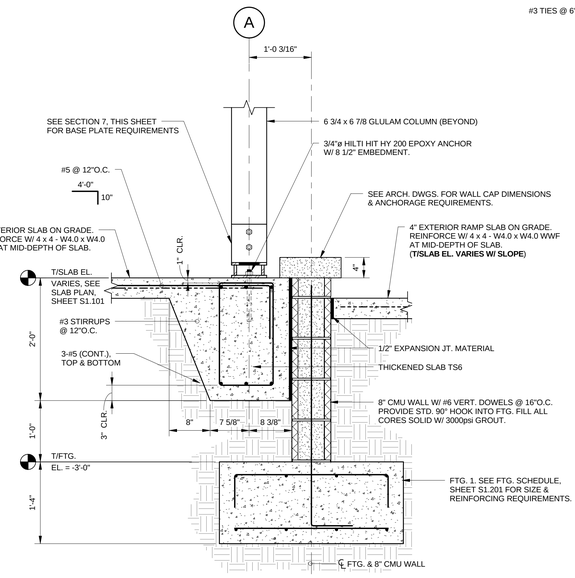


BASE PLATE AT COLUMNS '1/C', '1/D', '8/C', & '8/D'
3" = 1'-0"

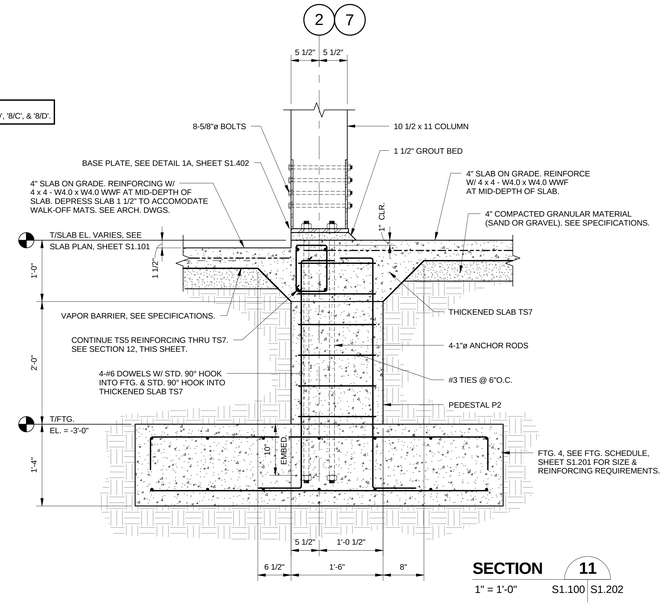


SECTION 7
1" = 1'-0" S1.101 | S1.202

NOTE:
SECTION OCCURS AT SEVERAL LOCATIONS. ARCH. INTENDS FOR BOLTS TO BE FACING PARK AREA. COORDINATE ORIENTATION WITH ARCH. DWGS.

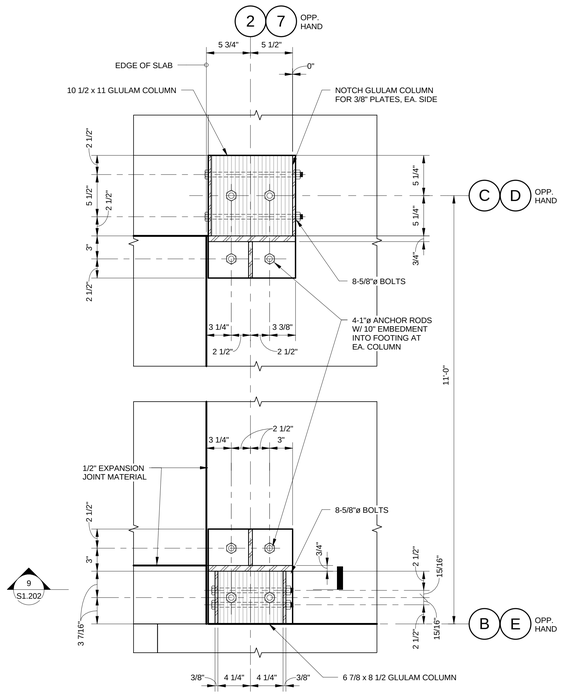


SECTION 8
1" = 1'-0" S1.100 | S1.202

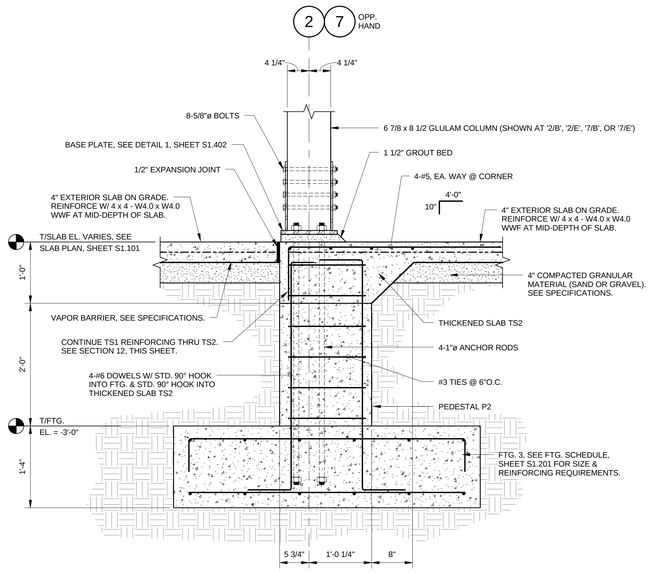


SECTION 11
1" = 1'-0" S1.100 | S1.202

NOTE:
SEE DETAIL A, THIS SHEET, FOR COLUMN ORIENTATION.

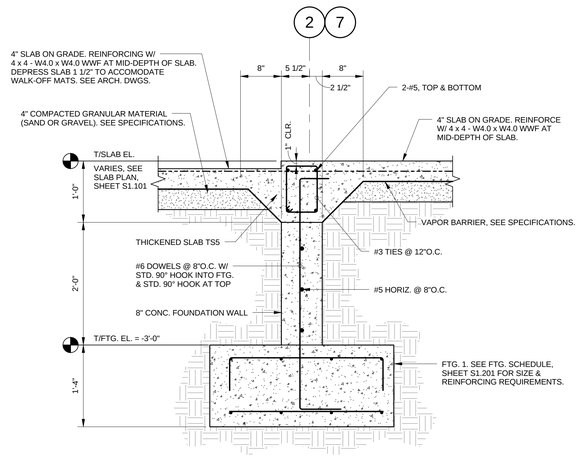


DETAIL A
1 1/2" = 1'-0" S1.101 | S1.202



SECTION 9
1" = 1'-0" S1.100 | S1.202

NOTES:
1. SECTION SHOWN AT COLUMNS '2/B', '2/E', '7/B', & '7/E' AT CROSS BRACING. SEE SECTION 10, THIS SHEET FOR BASE PLATE REQUIREMENTS AT 10 1/2 x 11 GLULAM COLUMNS AT '1/C', '1/D', '8/C', & '8/D'.
2. SEE DETAIL A, THIS SHEET, FOR COLUMN ORIENTATION.



SECTION 12
1" = 1'-0" S1.100 | S1.202

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MORRISON

CHECKED BY: USSERY

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SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 6-27-2016 DEAN WILLIAM USSERY

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SHEET TITLE
FOUNDATION AND SLAB DETAILS

4SE
2 RADCLIFFE STREET CHARLESTON, SC 29492
PO BOX 1111 29465
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SHEET NUMBER
S1.202

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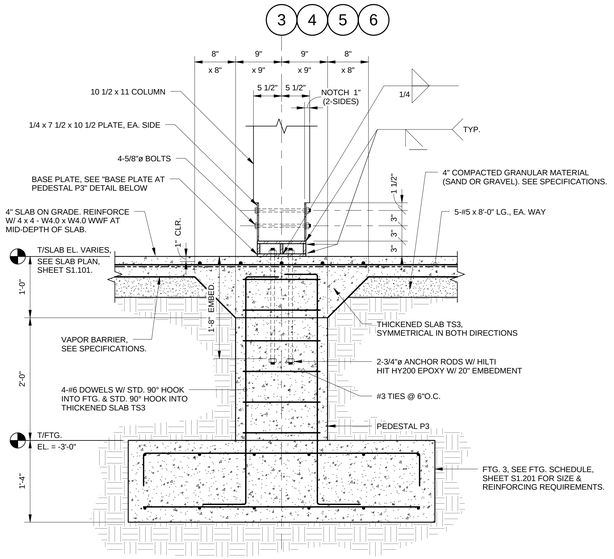
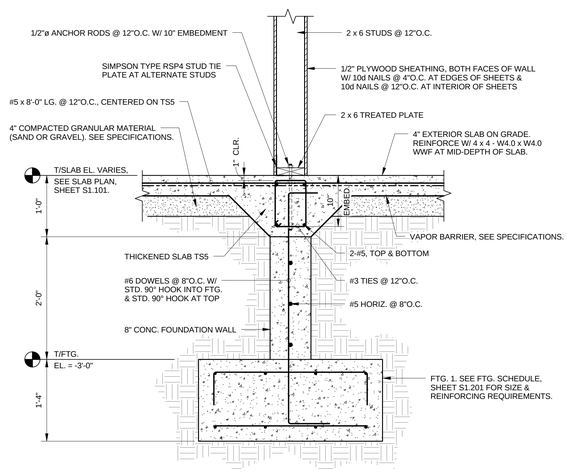
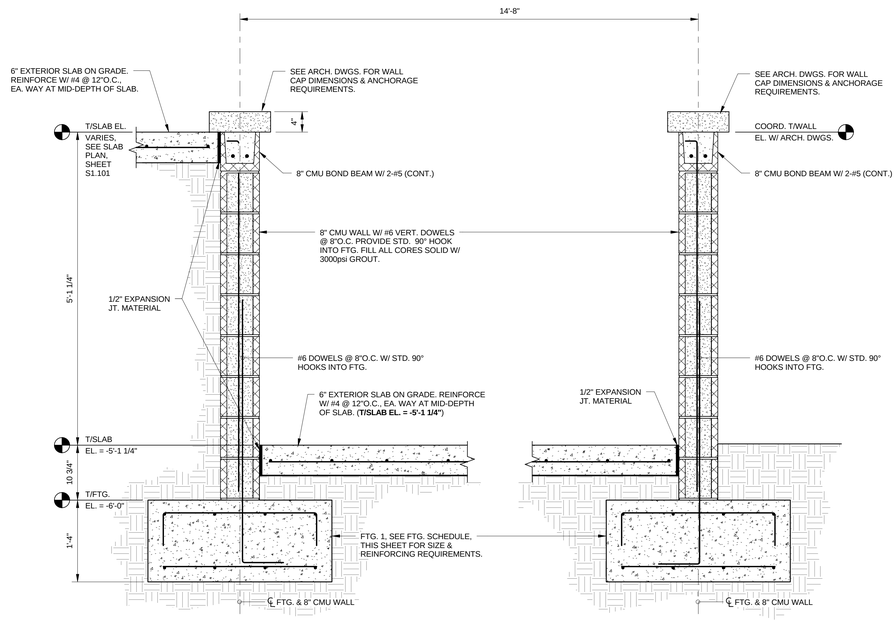


SECTION 13
1" = 1'-0" S1.100 | S1.203



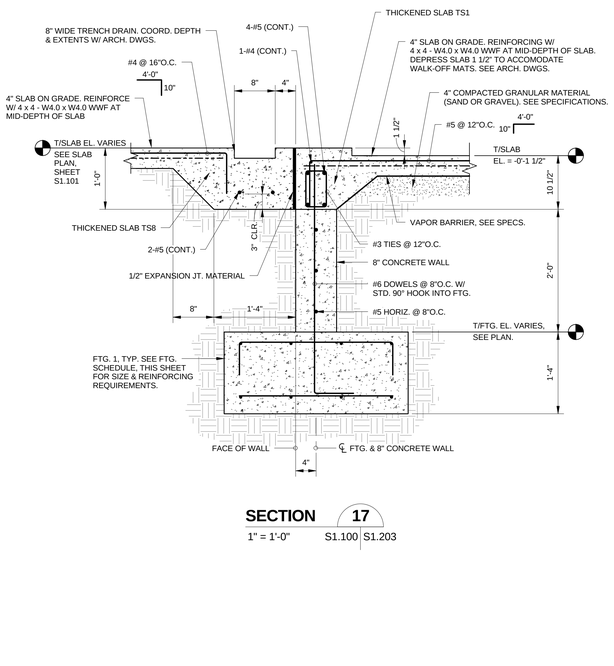
SECTION 14
1" = 1'-0" S1.100 | S1.203



SECTION 15
1" = 1'-0" S1.100 | S1.203

BASE PLATE AT PEDESTAL P3
3" = 1'-0"

Footing Step Detail
1" = 1'-0"



SECTION 17
1" = 1'-0" S1.100 | S1.203

SECTION 16
1" = 1'-0" S1.100 | S1.203

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MORRISON

CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER DEAN WILLIAM USSERY No. 7978 6-27-2016

SOUTH CAROLINA 4SE, INC. No. C02578 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
FOUNDATION AND SLAB DETAILS

SHEET NUMBER
S1.203

4SE
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843.681.6618 ▮ Fax 843.681.7088 ▮ www.woodandpartners.com

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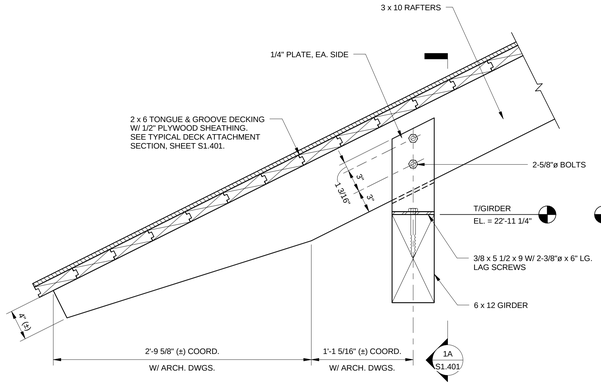
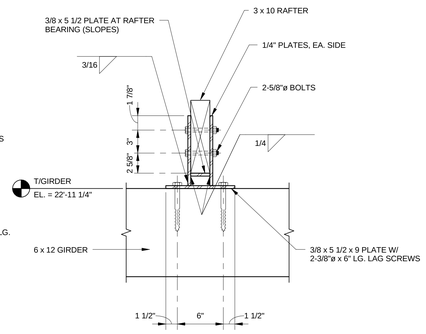
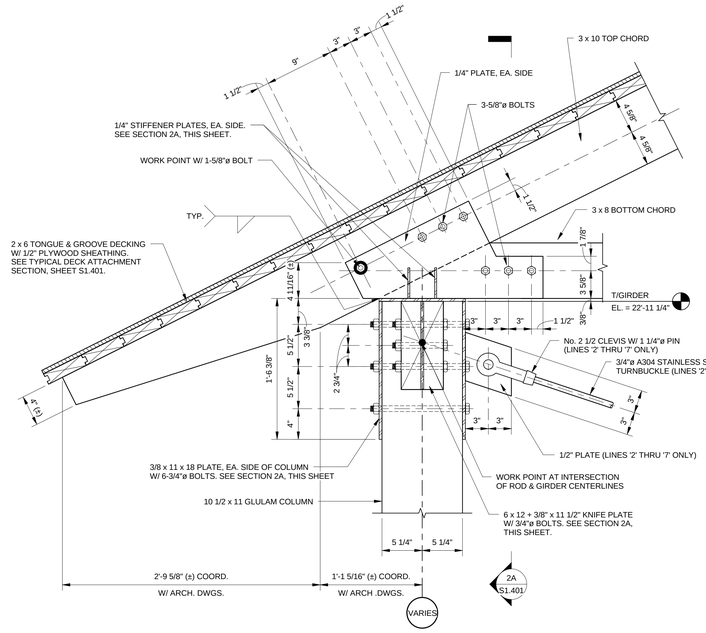


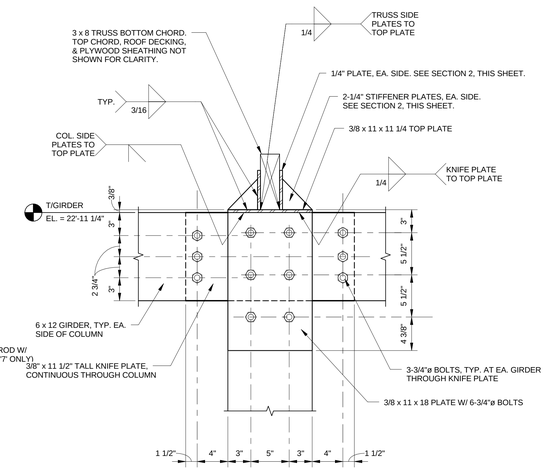
SECTION 1
1 1/2" = 1'-0" S1.103 | S1.401



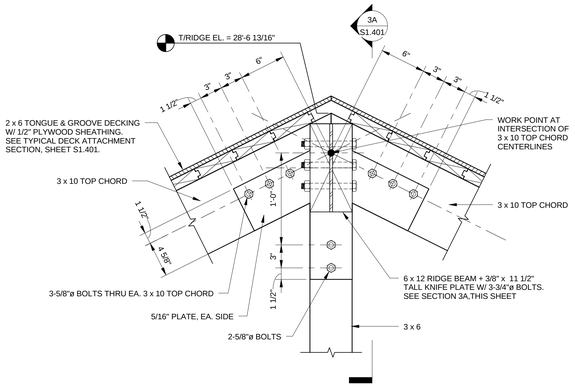
SECTION 1A
1 1/2" = 1'-0" S1.401 | S1.401



SECTION 2
1 1/2" = 1'-0" S1.103 | S1.401

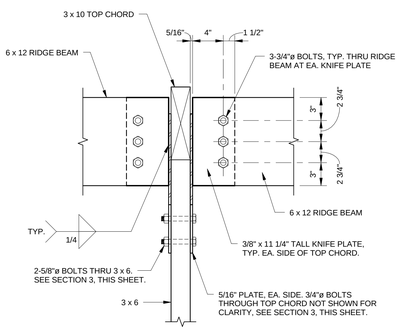


SECTION 2A
1 1/2" = 1'-0" S1.401 | S1.401

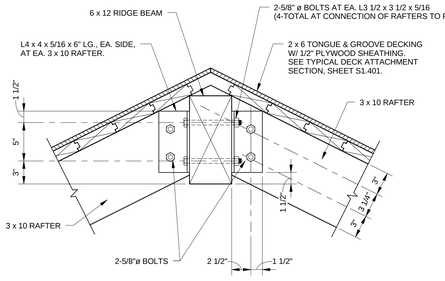


SECTION 3
1 1/2" = 1'-0" S1.103 | S1.401

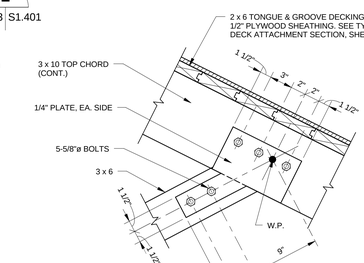
NOTE:
OMIT 3 x 6 WEB MEMBER & PLATE EXTENSION FOR ITS CONNECTION AT TRUSS 1A.



SECTION 3A
1 1/2" = 1'-0" S1.401 | S1.401

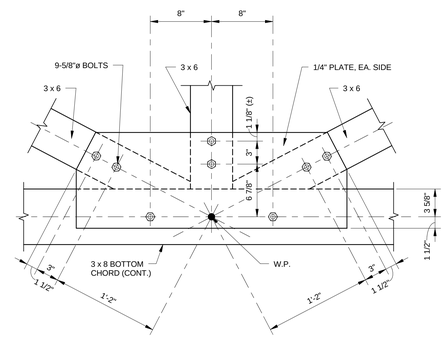


SECTION 4
1 1/2" = 1'-0" S1.103 | S1.401



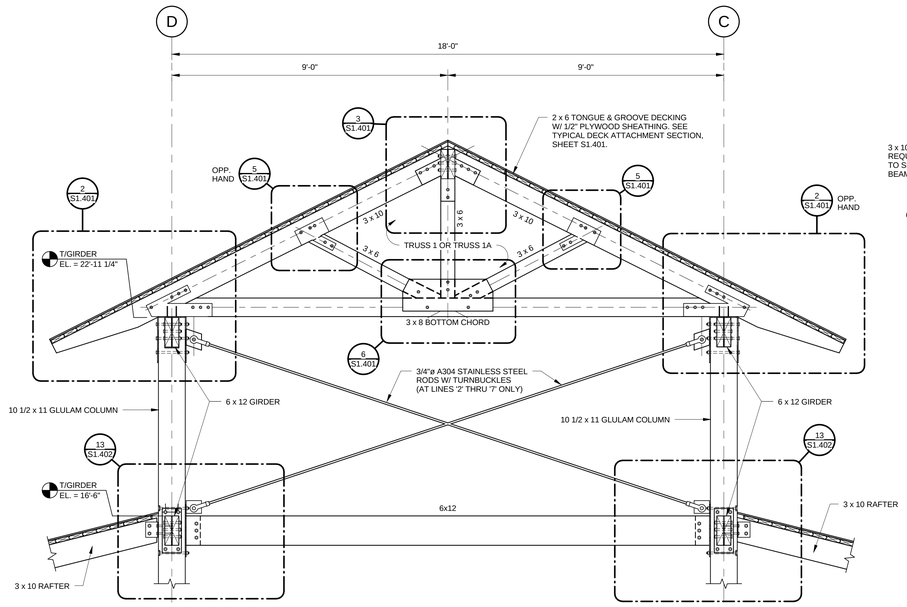
DETAIL 5
1 1/2" = 1'-0" S1.401 | S1.401

NOTE:
AT TRUSS 1A, THIS DETAIL IS NOT REQUIRED. TRUSS TOP CHORD TO BE CONTINUOUS.



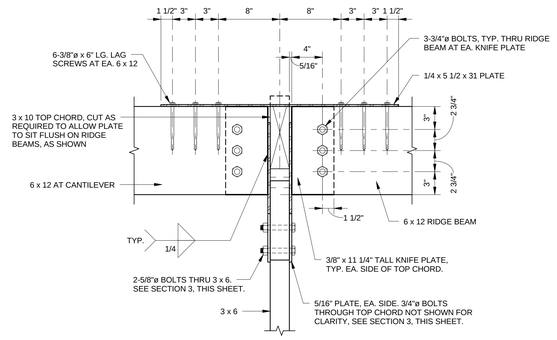
DETAIL 6
1 1/2" = 1'-0" S1.401 | S1.401

NOTE:
AT TRUSS 1A, THIS DETAIL IS NOT REQUIRED. TRUSS BOTTOM CHORD TO BE CONTINUOUS.

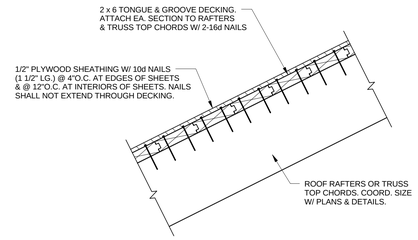


Elevation - Truss 1/Truss 1A & Upper Bay Bracing
1/2" = 1'-0" S1.102 | S1.401

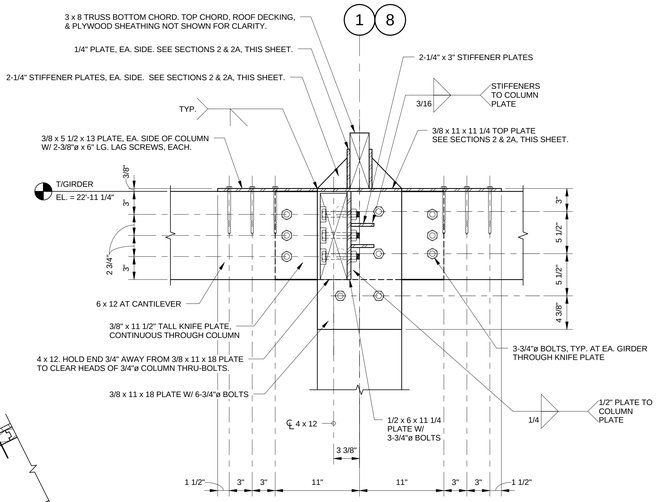
NOTE:
AT TRUSS 1A, OMIT 3 x 6 WEB MEMBERS



SECTION 7
1 1/2" = 1'-0" S1.103 | S1.401



Typical Deck Attachment Section
1 1/2" = 1'-0"



SECTION 8
1 1/2" = 1'-0" S1.103 | S1.401

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MORRISON

CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 7978 — 6-27-2016 — DEAN WILLIAM USSERY

SOUTH CAROLINA — 4SE, INC. No. C02576 — CERTIFICATE OF AUTHORIZATION

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01-16002

SHEET TITLE
ROOF FRAMING DETAILS

SHEET NUMBER
S1.401

4SE
4 RADCLIFFE STREET SUITE 201 CHARLESTON, SC 29492
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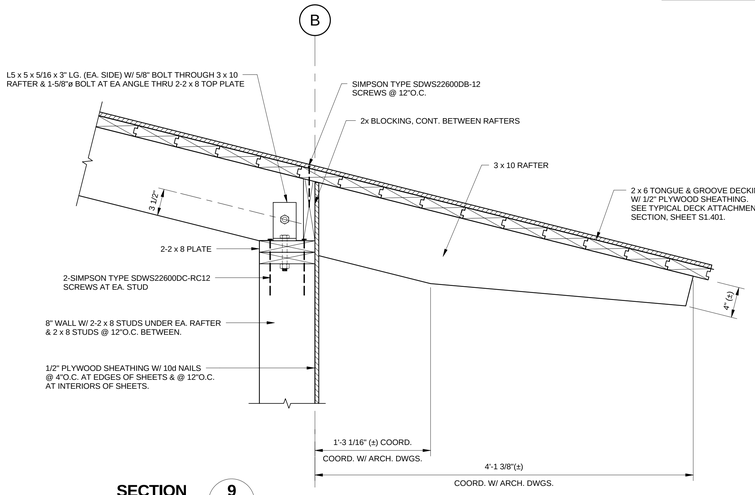
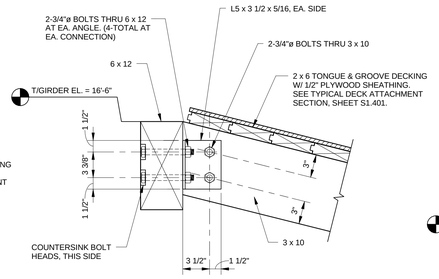


SECTION 9
1 1/2" = 1'-0" S1.102 | S1.402



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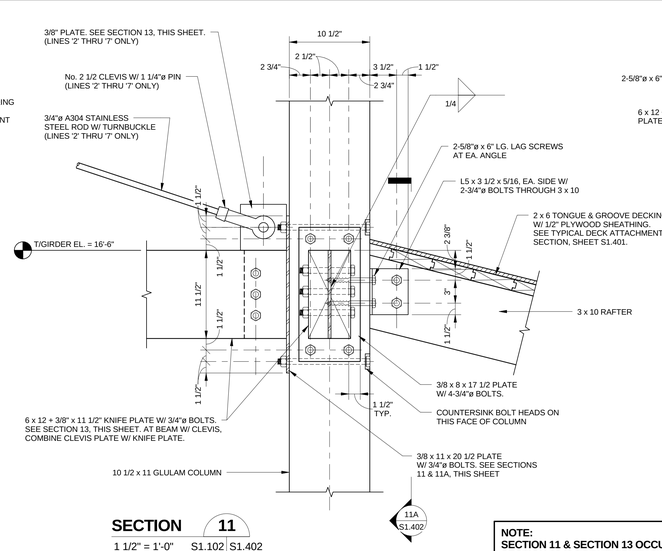
1 1/2" = 1'-0" S1.102 | S1.402



SECTION 11
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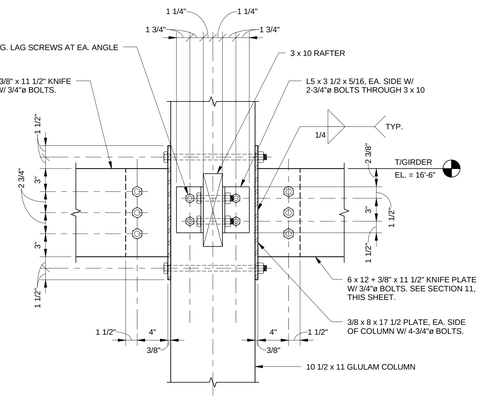
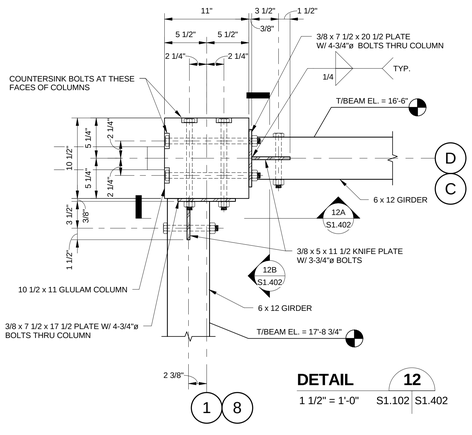
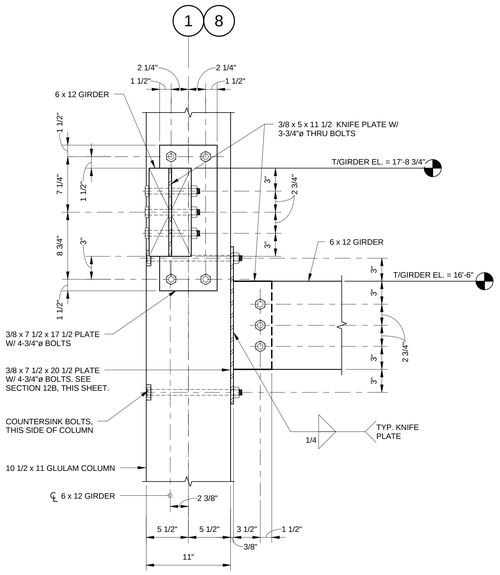


SECTION 11A
1 1/2" = 1'-0" S1.402 | S1.402

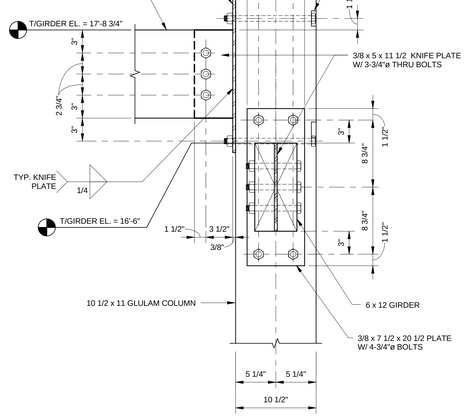
NOTE:
SECTION 11 & SECTION 13 OCCUR AT SAME LOCATION.
SECTION 13 IS PROVIDED TO CLARIFY DIMENSIONS.



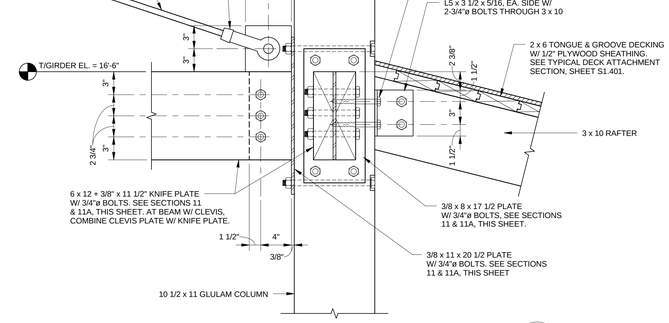
DETAIL 12
1 1/2" = 1'-0" S1.102 | S1.402



SECTION 12A
1 1/2" = 1'-0" S1.402 | S1.402

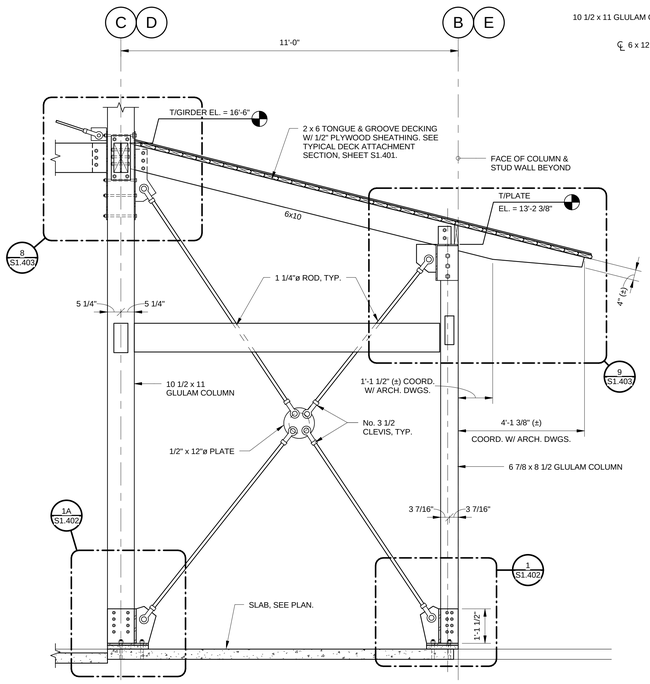


SECTION 12B
1 1/2" = 1'-0" S1.402 | S1.402

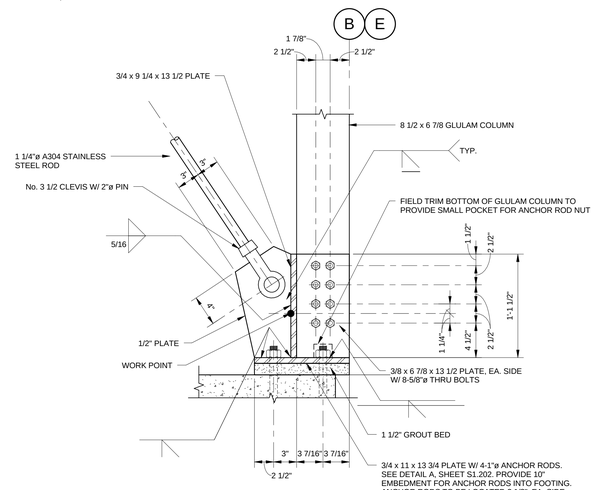


SECTION 13
1 1/2" = 1'-0" S1.401 | S1.402

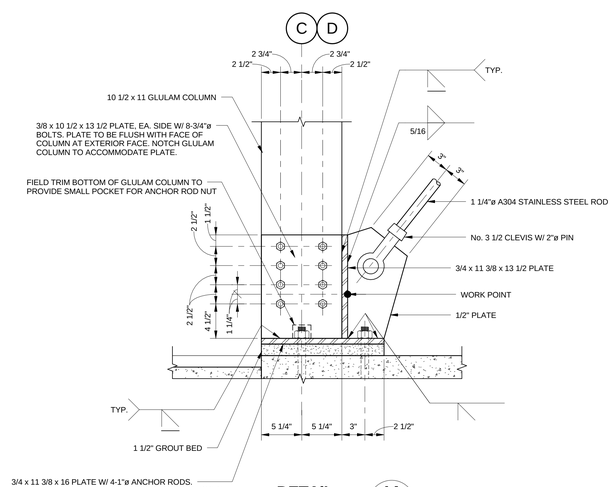
NOTE:
SECTION 11 & SECTION 13 OCCUR AT SAME LOCATION.
SECTION 13 IS PROVIDED TO CLARIFY DIMENSIONS.



End Bay Bracing - Low
1/2" = 1'-0"



DETAIL 1
1 1/2" = 1'-0" S1.402 | S1.402



DETAIL 1A
1 1/2" = 1'-0" S1.402 | S1.402

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MORRISON

CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 6-27-2016 DEAN WILLIAM USSERY

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

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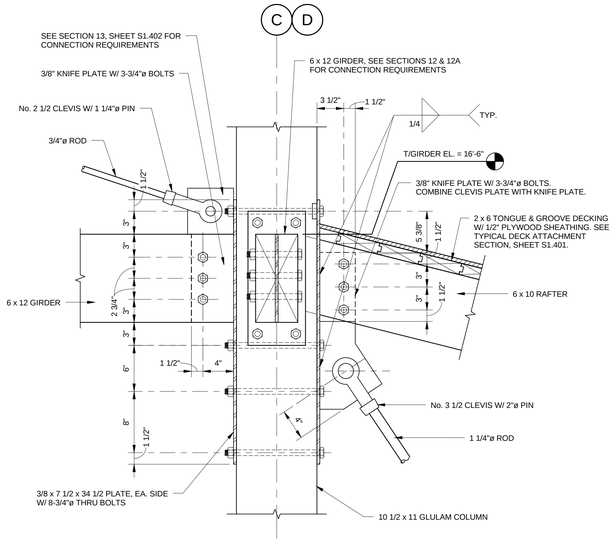
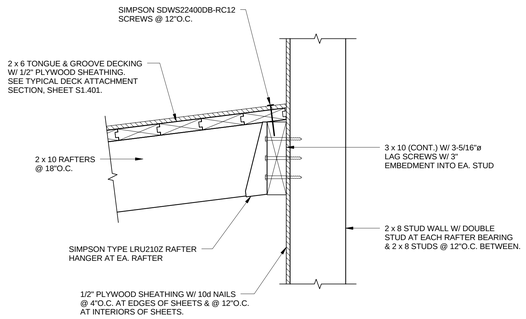
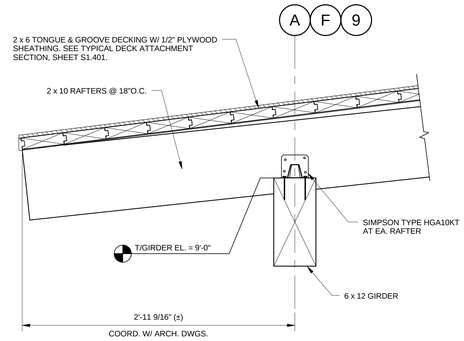


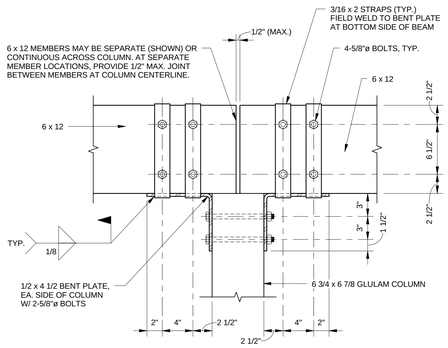
DETAIL 8
1 1/2" = 1'-0" S1.402 | S1.403



SECTION 1
1 1/2" = 1'-0" S1.104 | S1.403

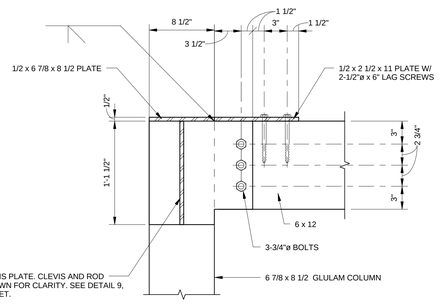


SECTION 2
1 1/2" = 1'-0" S1.104 | S1.403

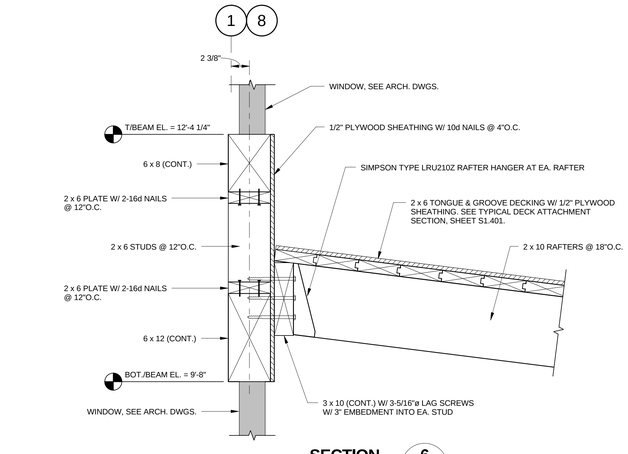


SECTION 3
1 1/2" = 1'-0" S1.104 | S1.403

DETAIL 9
1 1/2" = 1'-0" S1.402 | S1.403



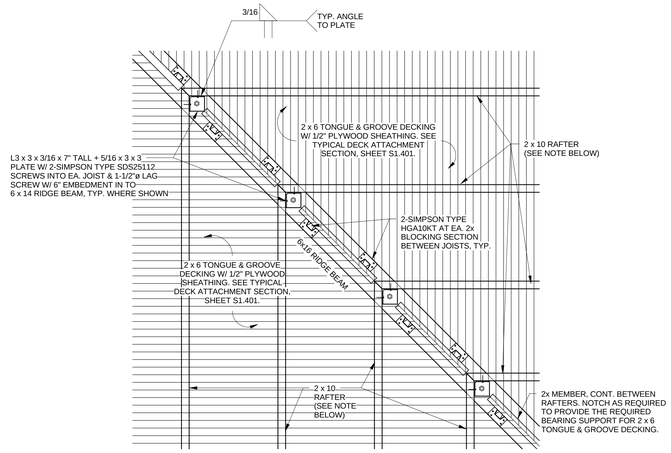
SECTION 9A
1 1/2" = 1'-0" S1.403 | S1.403



SECTION 4
1 1/2" = 1'-0" S1.104 | S1.403

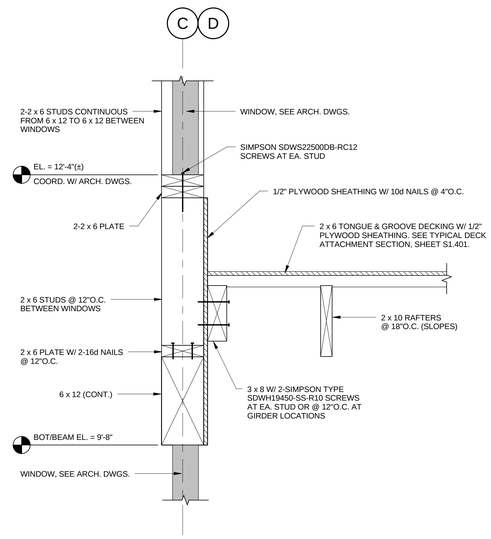
SECTION 6
1 1/2" = 1'-0" S1.102 | S1.403

NOTE:
AT LOCATIONS WHERE 2 x 10 RAFTER CONNECTS TO FACE OF 10 1/2 x 11 GLULAM COLUMN, USE SAME CONNECTION.



DETAIL 5
1" = 1'-0" S1.104 | S1.403

NOTE:
NOTCH 2 x 10 SLIGHTLY AT 6 x 14 TO PROVIDE FULL BEARING ON SUPPORT MEMBER. MAXIMUM NOTCH HEIGHT = 2".



SECTION 7
1 1/2" = 1'-0" S1.102 | S1.403

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MORRISON

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4SE, INC. No. C02578 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
ROOF FRAMING DETAILS

SHEET NUMBER
S1.403

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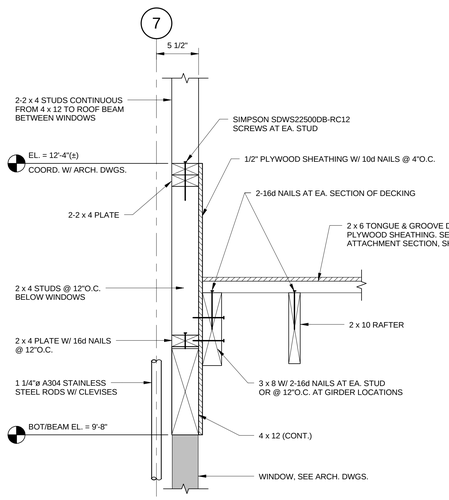
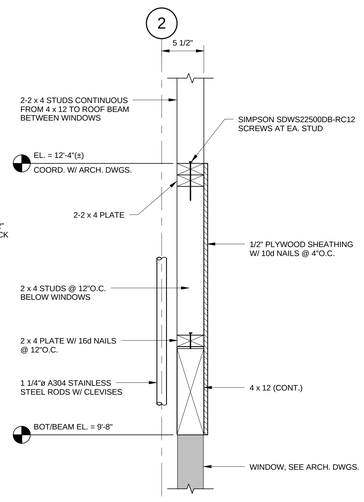
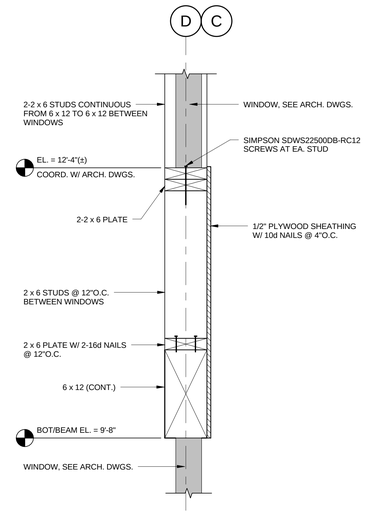


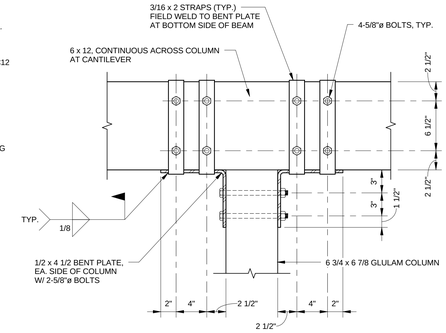
SECTION 7A
1 1/2" = 1'-0" S1.104 | S1.404



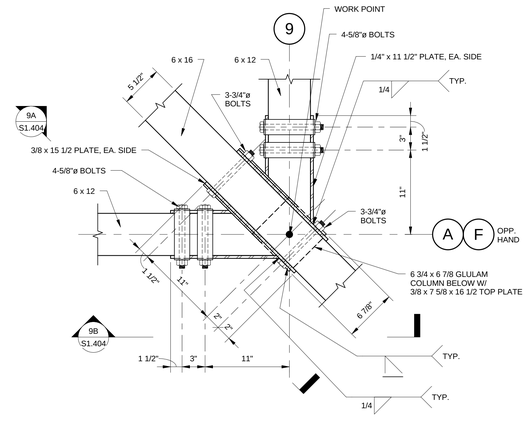
SECTION 7B
1 1/2" = 1'-0" S1.104 | S1.404



SECTION 7C
1 1/2" = 1'-0" S1.102 | S1.404



SECTION 8
1 1/2" = 1'-0" S1.104 | S1.404



DETAIL 9
1 1/2" = 1'-0" S1.104 | S1.404

SECTION 9A
1 1/2" = 1'-0" S1.404 | S1.404

NOTE:
6 x 12 INTERSECTING MEMBER SKEWED TO VIEW DIRECTION NOT SHOWN FOR FOR CLARITY. SEE SECTION 9B, THIS SHEET

SECTION 9B
1 1/2" = 1'-0" S1.404 | S1.404

DETAIL 10
1 1/2" = 1'-0" S1.104 | S1.404

SECTION 10A
1 1/2" = 1'-0" S1.404 | S1.404

DETAIL 11
1 1/2" = 1'-0" S1.104 | S1.404

NOTE:
AT LOCATIONS INDICATED ON PLAN AS **11/S1.404 "SIM"**, 6 x 16, CONNECTOR PLATES, AND BOLTS TO BE OMITTED.

SECTION 11A
1 1/2" = 1'-0" S1.104 | S1.404

DETAIL 12
1 1/2" = 1'-0" S1.104 | S1.404

NOTE:
AT LOCATIONS INDICATED ON PLAN AS **12/S1.404 "SIM"**, CANTILEVERED 4 x 12 & ASSOCIATED CONNECTIONS TO BE OMITTED.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MORRISON

CHECKED BY: USSERY

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SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
ROOF FRAMING DETAILS

SHEET NUMBER
S1.404

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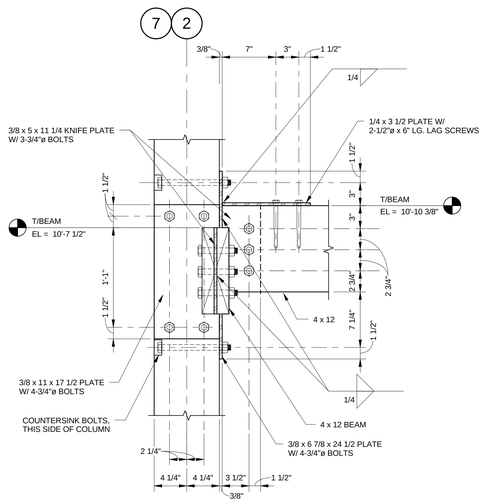
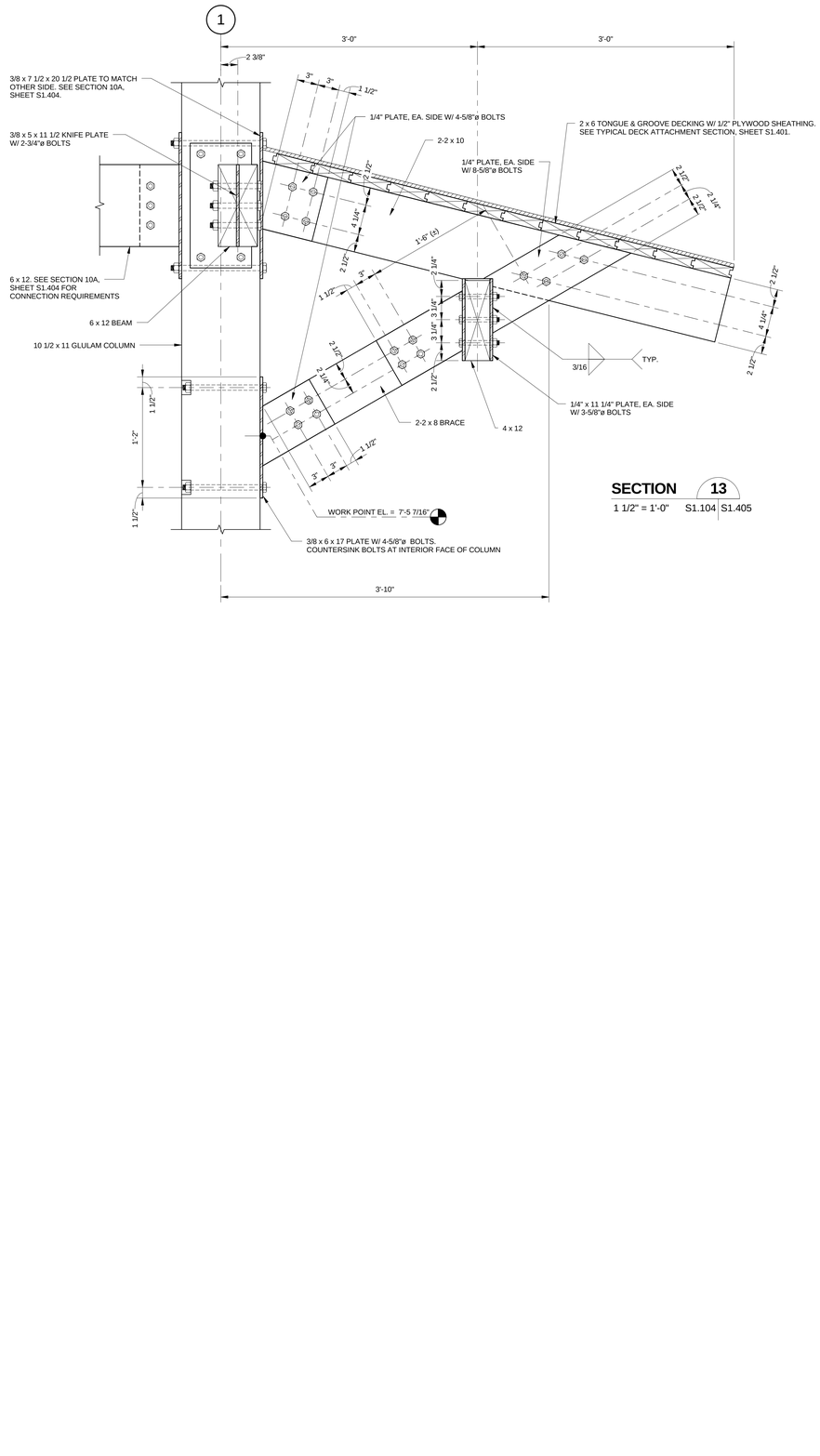
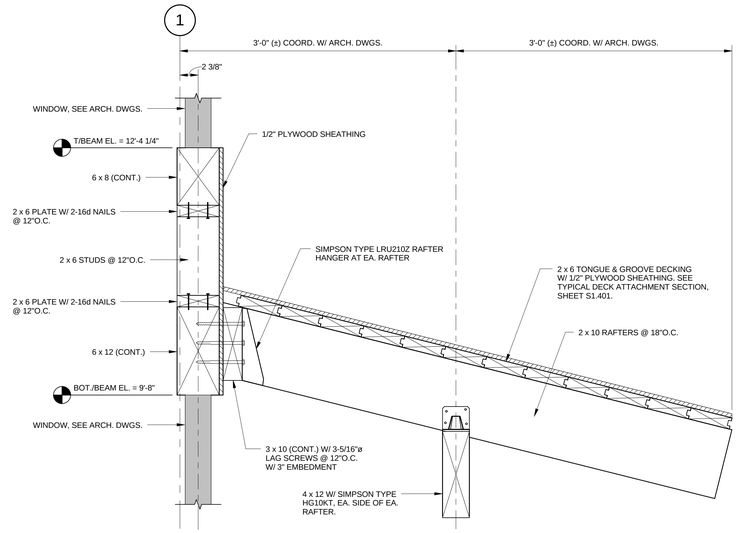


SECTION 12A
1 1/2" = 1'-0" S1.403 | S1.405

NOTE:
SECTION (AS SHOWN) OCCURS AT COLUMN '2/B' ONLY. AT COLUMNS '2/E', '7/B', & '7/E', OMIT 4 x 12 CANTILEVERED MEMBER.



SECTION 13
1 1/2" = 1'-0" S1.104 | S1.405



SECTION 14
1 1/2" = 1'-0" S1.104 | S1.405

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
ROOF FRAMING DETAILS

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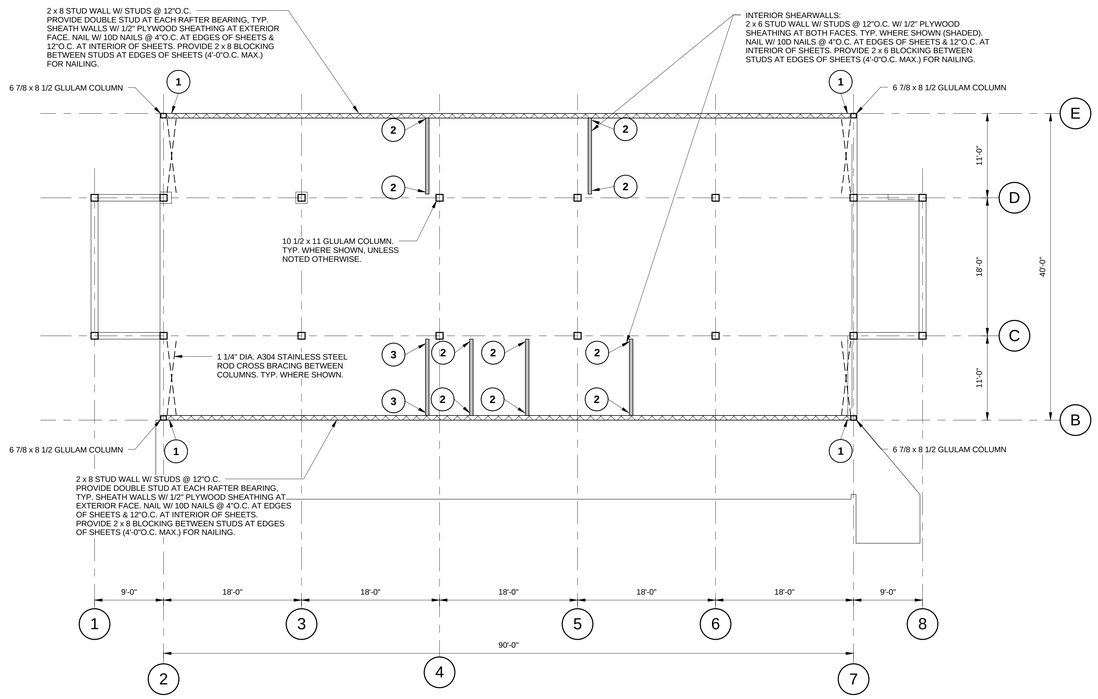
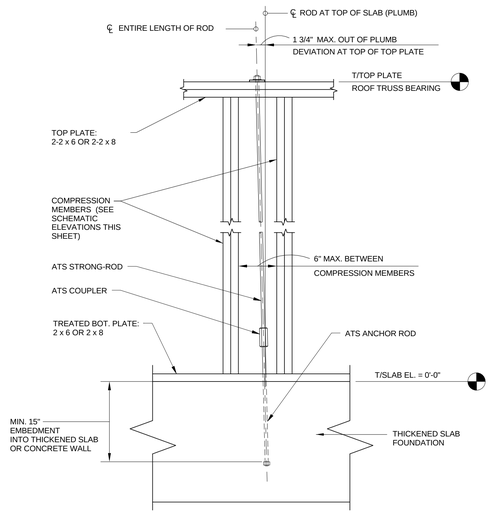


SHEARWALL PLAN: MUSEUM - FIRST FLOOR SLAB TO ROOF

1/8" = 1'-0"

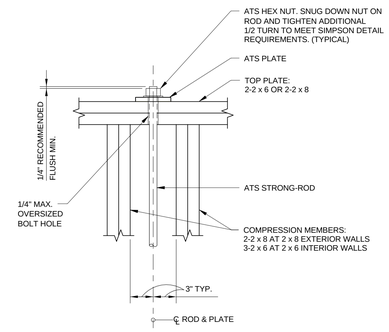
ANCHOR TIE-DOWN SCHEDULE

1	**ANCHOR TIE-DOWN TYPE 1 -**	ATS ABR5 ANCHOR RODS ATS SR5 STRONG ROD (5/8" DIA.) ATS CTUD55 COUPLING TAKE-UP DEVICE ATS SR5 STRONG ROD (5/8" DIA.) ATS BP5-3x5.5 BEARING PLATE ATS N5 NUT 2-2 x 8 STUDS EACH SIDE OF ROD
2	**ANCHOR TIE-DOWN TYPE 2 -**	ATS ABR7 ANCHOR RODS ATS SR7 ROD (7/8" DIA.) ATS CTUD77 COUPLING TAKE-UP DEVICE ATS SR7 ROD (7/8" DIA.) ATS BP7-5x5.5 BEARING PLATE ATS N7 NUT 3-2 x 6 STUDS EACH SIDE OF ROD
3	**ANCHOR TIE-DOWN TYPE 3 -**	ATS ABR8 ANCHOR RODS ATS SR8 ROD (1" DIA.) ATS CTUD88 COUPLING TAKE-UP DEVICE ATS SR8 ROD (1" DIA.) ATS BP8-5x5.5 BEARING PLATE ATS N8 NUT 3-2 x 6 STUDS EACH SIDE OF ROD



SIMPSON STRONG-TIE ALLOWABLE ATS STRONG-ROD OFFSET

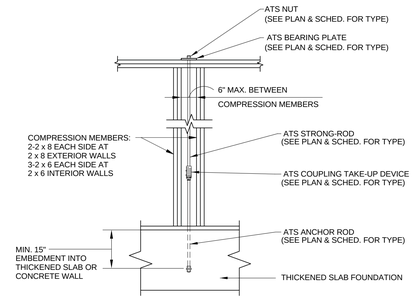
N.T.S.



ATS PLATE INSTALLATION AT TOP PLATE OF WALL

N.T.S.

NOTE:
NO SPLICE IN TOP PLATES PERMITTED WITHIN 8 INCHES OF ATS STRONG-ROD.



SCHEMATIC ELEVATION: ANCHOR TIEDOWN AT ONE-STORY WALL

N.T.S.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MORRISON
CHECKED BY: USSERY

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SOUTH CAROLINA PROFESSIONAL ENGINEER DEAN WILLIAM USSERY No. 7978 REGISTERED 6-27-2016

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SHEET TITLE
SHEARWALL PLAN & DETAILS

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SHEET NUMBER
S1.501

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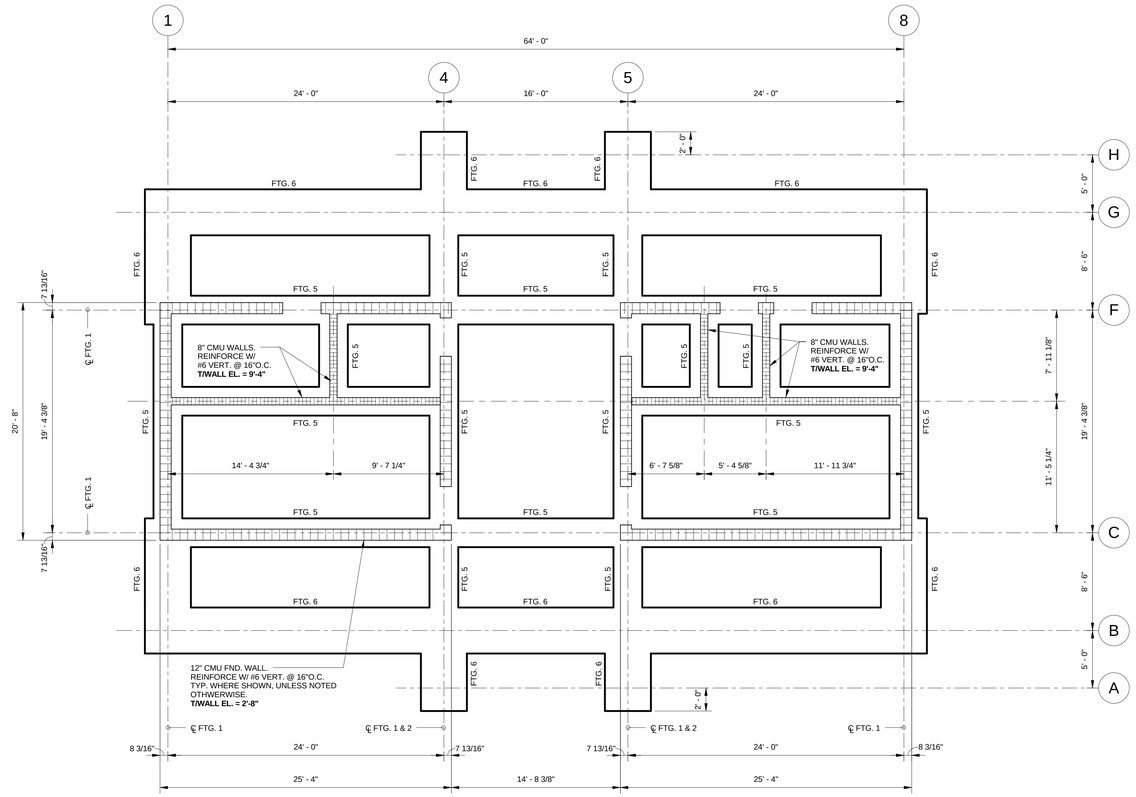
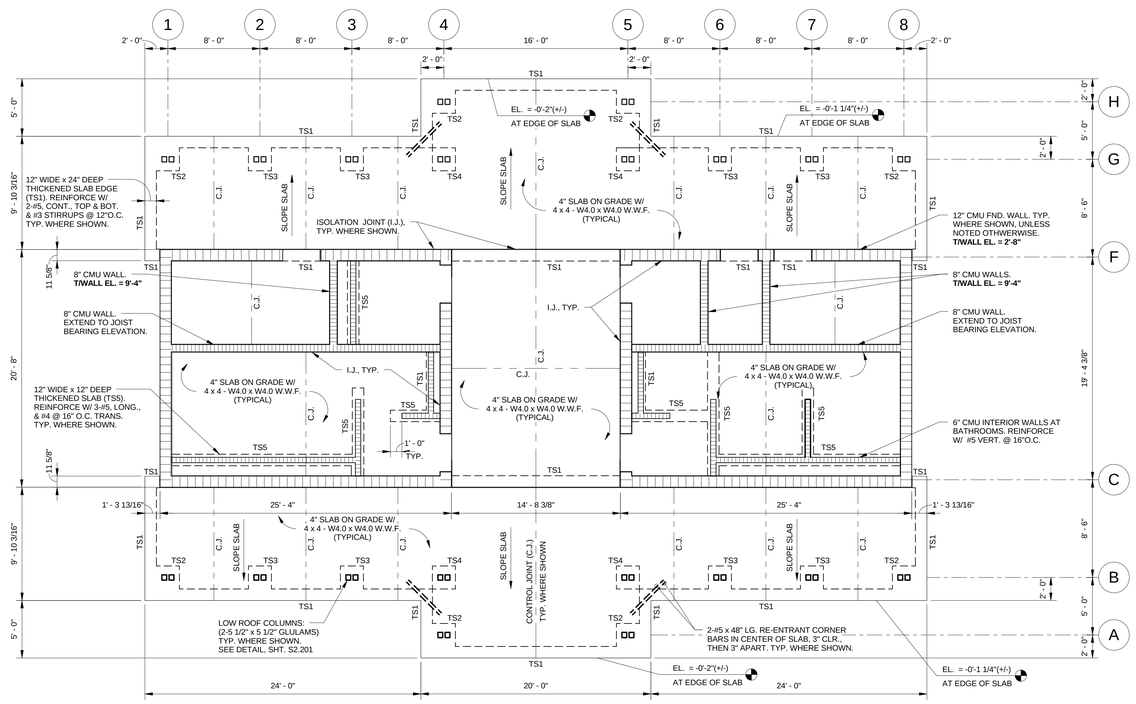


RESTROOM - FOUNDATION PLAN

3/16" = 1'-0"

NOTE:
TOP OF FOOTING EL. = -2'-0"



RESTROOM - FIRST FLOOR SLAB PLAN

3/16" = 1'-0"

NOTES:
1. TOP OF FIRST FLOOR SLAB EL. = 0'-0"
2. THICKENED SLABS AT COLUMNS TO BE REINFORCED WITH 8-#6 VERTICALS & 3-#3 TIES @ 8"O.C.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: GOOGE

CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 6-27-2016 DEREK WILLIAM USSERY

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
FOUNDATION & FIRST FLOOR SLAB PLANS

4SE
7 RADCLIFFE STREET
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PH: 843.722.1992
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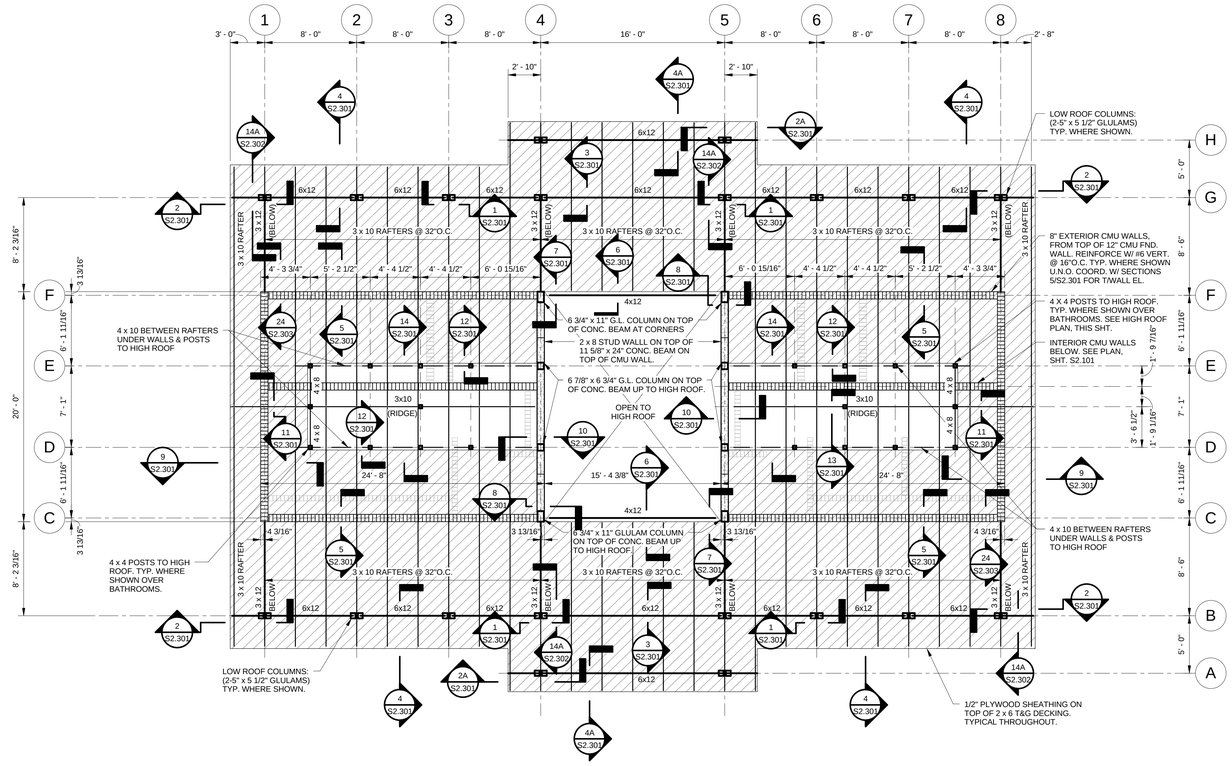
843.681.6618 ▮ Fax 843.681.7068 ▮ www.woodandpartners.com

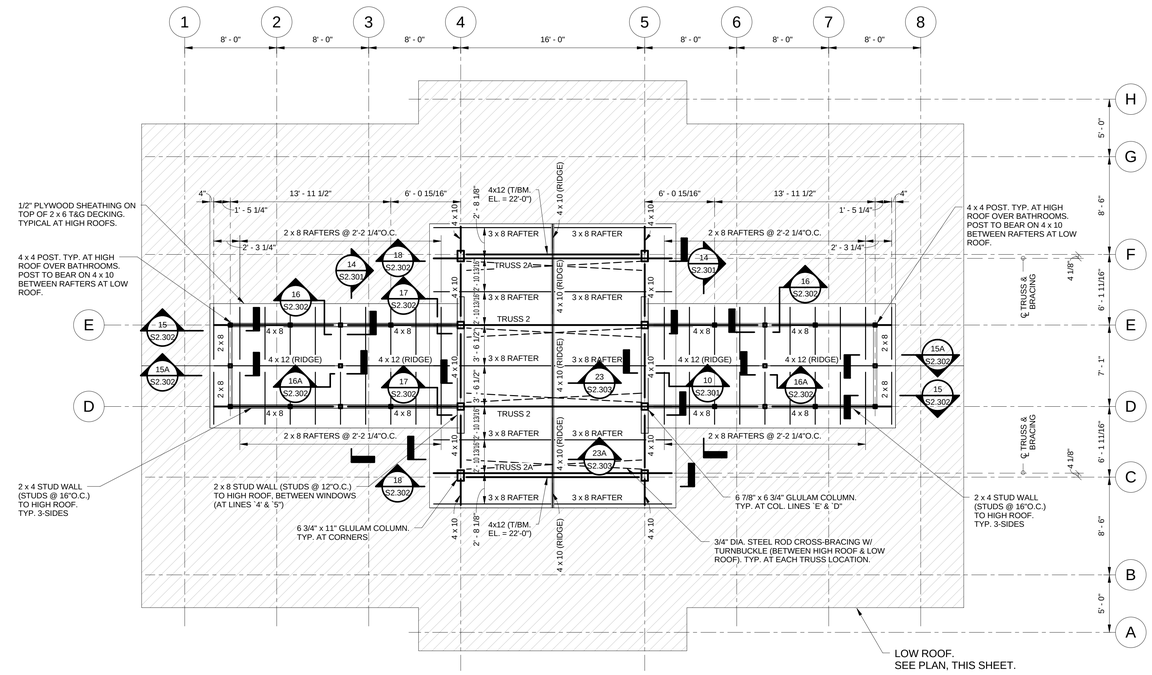
SHEET NUMBER
S2.101

S:\Index Active\2015\15-106 Coligney Development Phase 2\Drawings\Coligney - Restrooms, Structural, Rev 15.rvt



RESTROOM - LOW ROOF FRAMING PLAN

3/16" = 1'-0"



RESTROOM - HIGH ROOF FRAMING PLAN

3/16" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: Author

CHECKED BY: Checker

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 DEAN WILLIAM USHER 6-27-2016

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
ROOF FRAMING PLANS

SHEET NUMBER
S2.102

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Wood+Partners Inc. WPi
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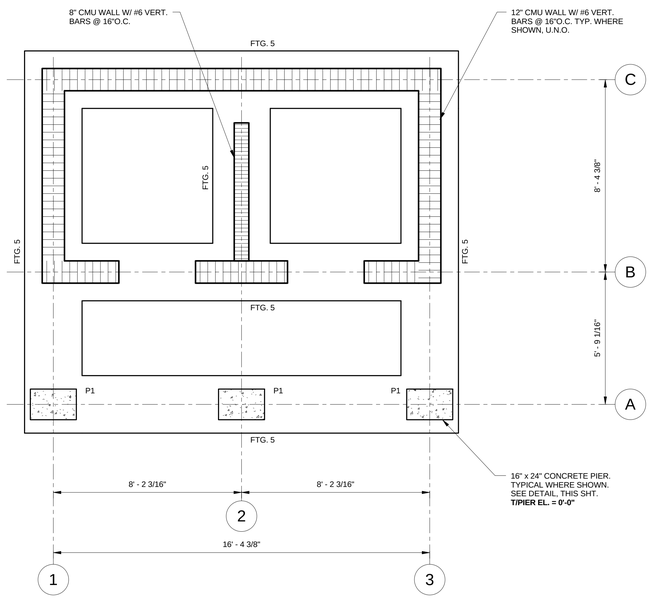
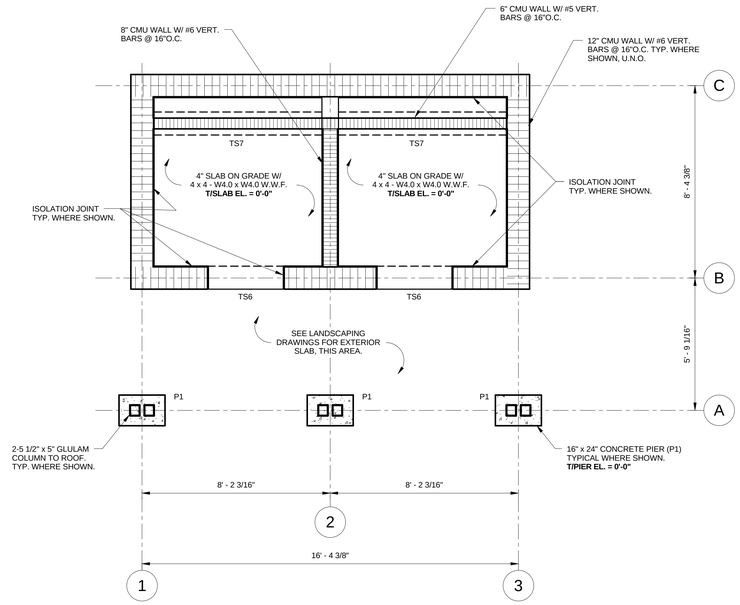
S:\Index Active\2015\15-106 Coligney Development Phase 2\Drawings\Coligney - Restrooms_Structural_Rev 15.rvt



POOL RESTROOM - FOUNDATION PLAN

3/8" = 1'-0"

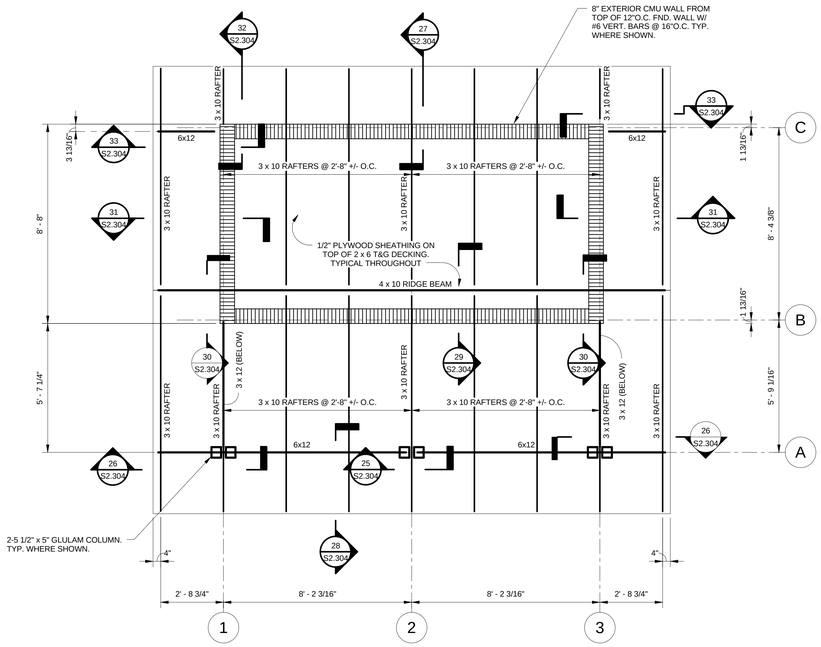
NOTE:
TOP OF FOOTING EL. = -2'-0"



POOL RESTROOM - FIRST FLOOR SLAB PLAN

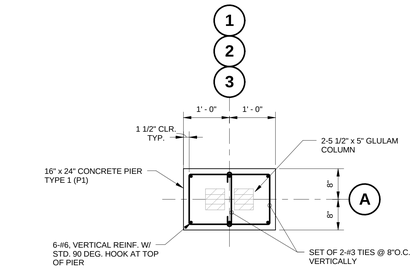
3/8" = 1'-0"

NOTE:
TOP OF SLAB & PIERS EL. = -2'-0"



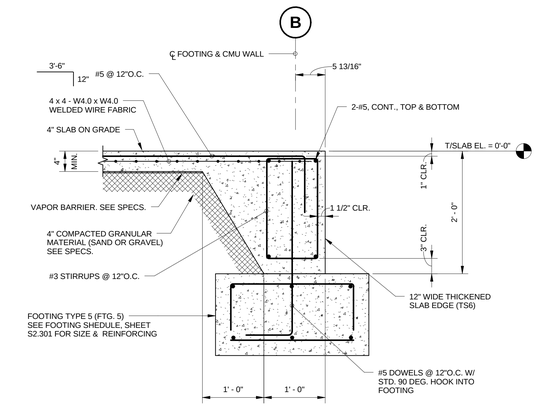
POOL RESTROOM - ROOF FRAMING PLAN

3/8" = 1'-0"



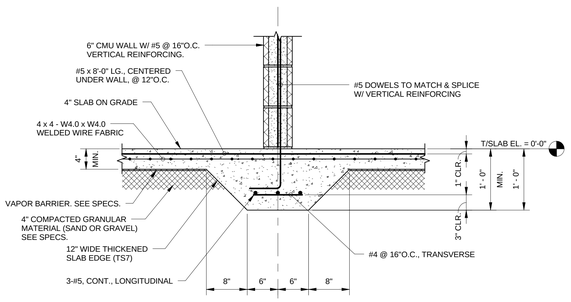
CONCRETE PIER TYPE 1 (P1) REINFORCING DETAIL

3/4" = 1'-0"



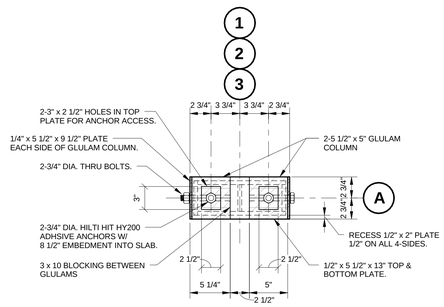
TYPICAL SECTION THRU THICKENED SLAB EDGE TS6

1" = 1'-0"

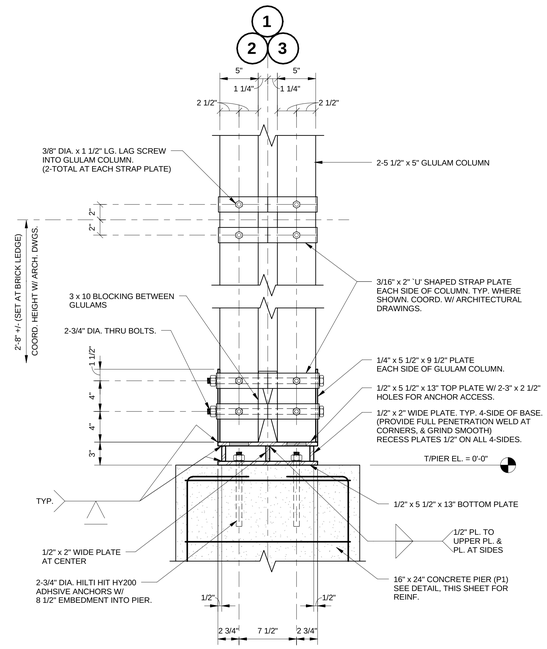


TYPICAL SECTION THRU THICKENED SLAB TS7

1" = 1'-0"



PLAN VIEW



ELEVATION

TYPICAL GLULAM COLUMN BASE DETAIL FOR POOL RESTROOM

1 1/2" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: GOOGE

CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
POOL RESTROOM PLANS & DETAILS

4SE
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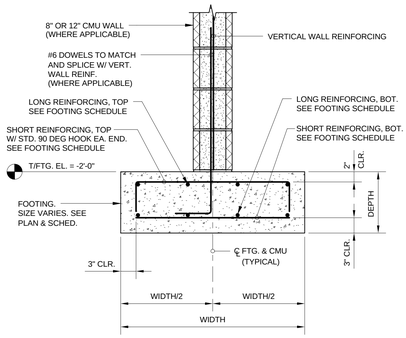
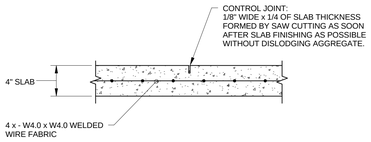
SHEET NUMBER
S2.103

S:\Jobs\Active\2015\15-106 Coligny Development Phase 2\Drawings\Coligny - Pool Restroom_Structural_Rev 15.rvt

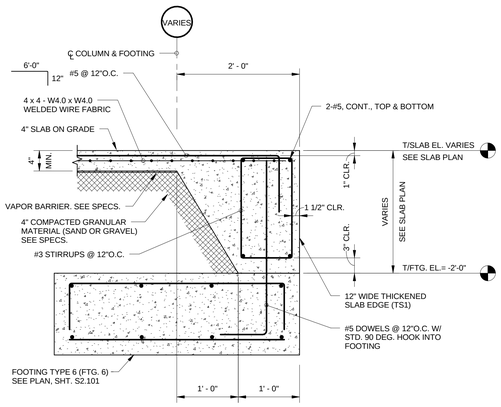


TYPICAL SECTION THRU FOOTING
1" = 1'-0"

FOOTING SCHEDULE							
MARK	LENGTH	WIDTH	DEPTH	REINFORCING			
				TOP		BOTTOM	
				LONG	SHORT	LONG	SHORT
FTG. 5	CONT.	2'-6"	1'-4"	3-#5	#4 @ 16"	3-#5	#4 @ 16"
FTG. 6	CONT.	4'-0"	1'-4"	4-#5	#4 @ 12"	4-#5	#4 @ 12"

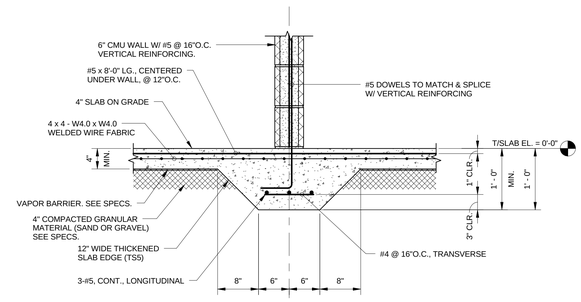


TYPICAL CONTROL JOINT DETAIL
1 1/2" = 1'-0"

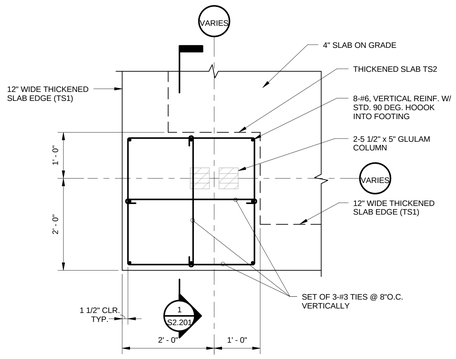


TYPICAL SECTION THRU THICKENED SLAB EDGE TS1
1" = 1'-0"

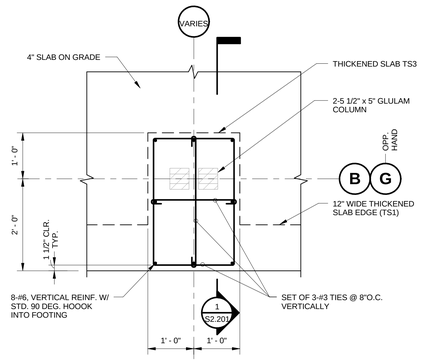
NOTE:
SECTION SHOWN AT THICKENED SLAB TS1 AT SLAB EDGES. THICKENED SLAB TS1 AT CMU BLDG. TO BE DIMENSIONED AND REINFORCED AS SHOWN & TO BE ANCHORED TO FOOTING W/ #5 DOWELS @ 12"O.C. AS SHOWN.



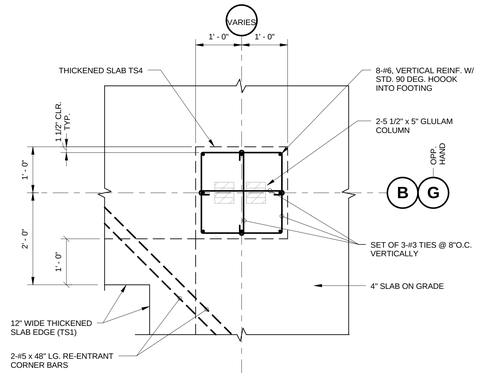
TYPICAL SECTION THRU THICKENED SLAB TS5
1" = 1'-0"



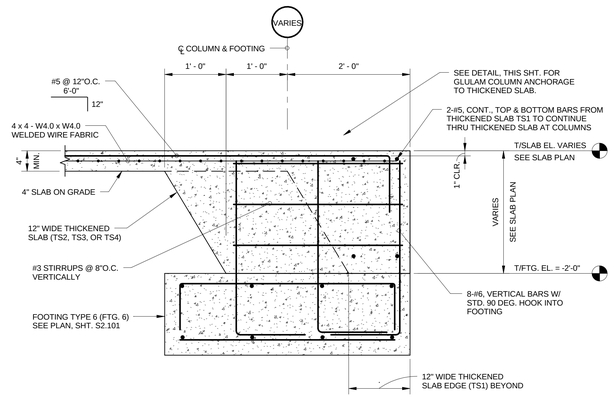
THICKENED SLAB TS2 REINFORCING DETAIL
3/4" = 1'-0"



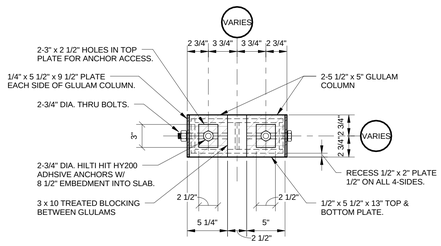
THICKENED SLAB TS3 REINFORCING DETAIL
3/4" = 1'-0"



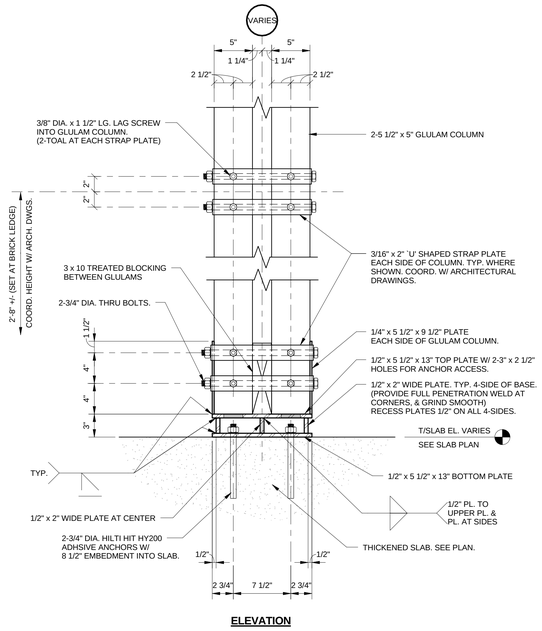
THICKENED SLAB TS4 REINFORCING DETAIL
3/4" = 1'-0"



SECTION 1
1" = 1'-0" S2.201 | S2.201



PLAN VIEW



ELEVATION

TYPICAL GLULAM COLUMN BASE DETAIL
1 1/2" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: GOOGE
CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
FOUNDATION AND SLAB DETAILS

4SE
4 SEAGULLS STREET
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CHARLESTON, SC 29401

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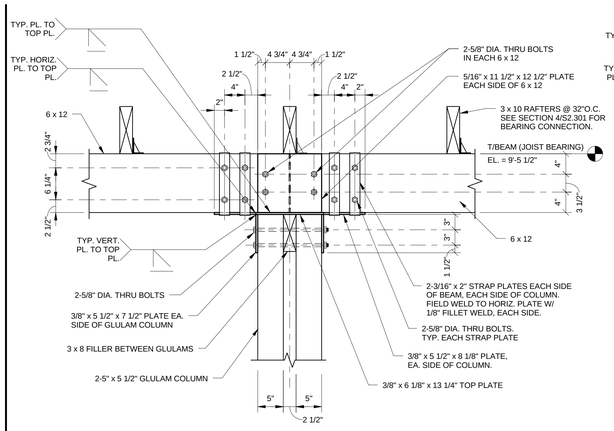
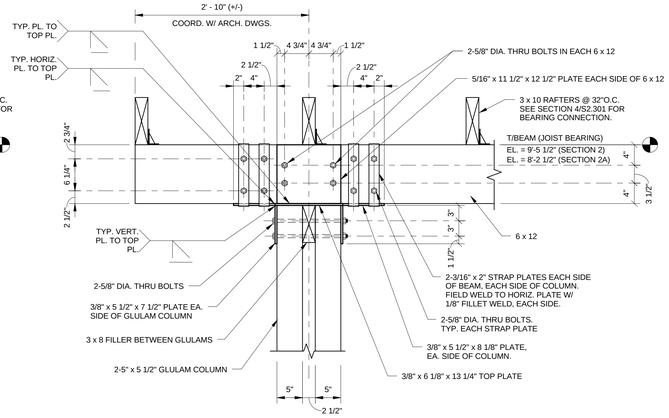
SHEET NUMBER
S2.201

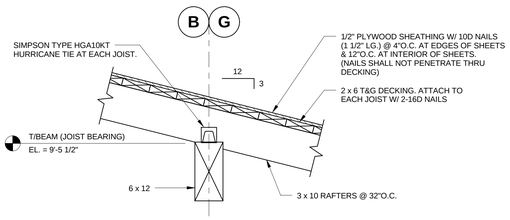
S:\Jobs\Active\2015\15-106 Coligny Development Phase 2\Drawings\Coligny - Restrooms, Structural, Rev 15.rvt



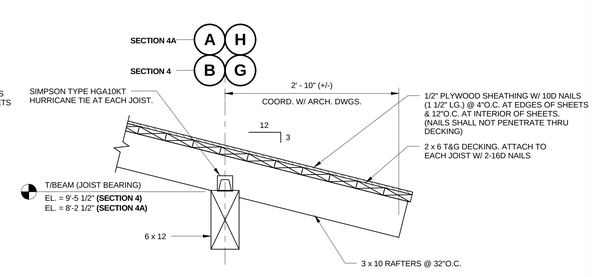
SECTION 1
1" = 1'-0" S2.102 | S2.301



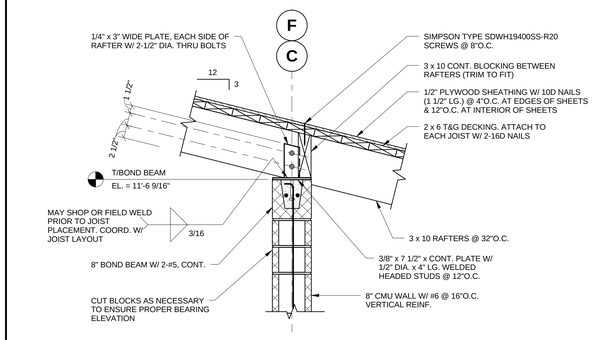
SECTION 2 2A
1" = 1'-0" S2.102 | S2.301 S2.102 | S2.301



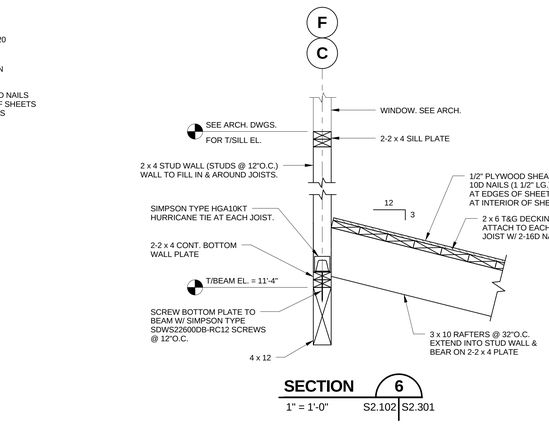
SECTION 3
1" = 1'-0" S2.102 | S2.301



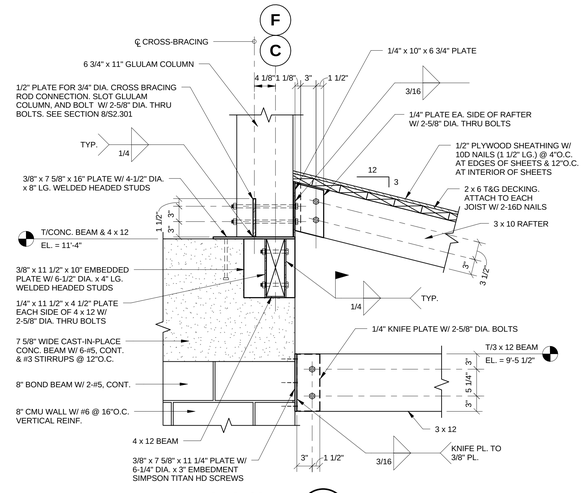
SECTION 4 4A
1" = 1'-0" S2.102 | S2.301 S2.102 | S2.301



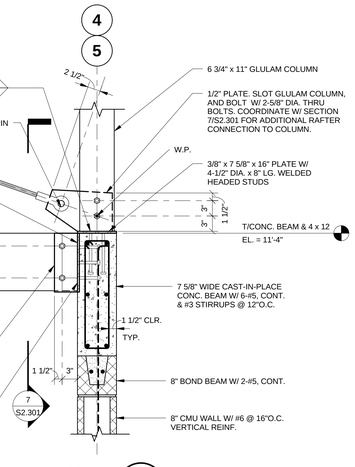
SECTION 5
1" = 1'-0" S2.102 | S2.301



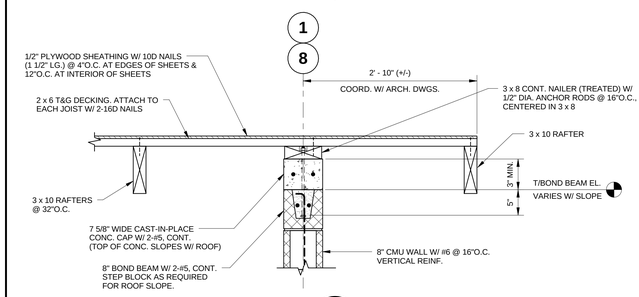
SECTION 6
1" = 1'-0" S2.102 | S2.301



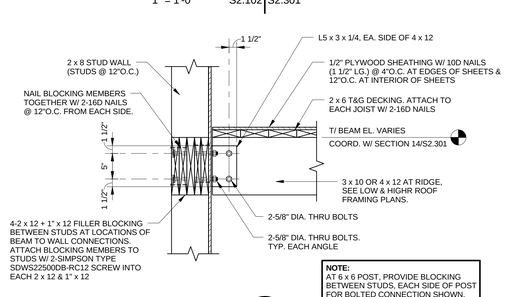
SECTION 7
1" = 1'-0" S2.102 | S2.301



SECTION 8
1" = 1'-0" S2.102 | S2.301

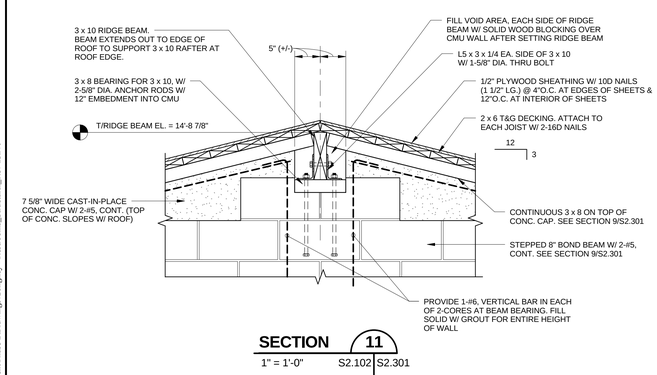


SECTION 9
1" = 1'-0" S2.102 | S2.301

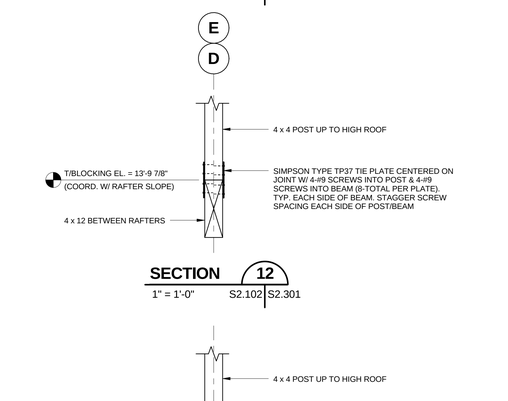


NOTE:
AT 6 x 6 POST, PROVIDE BLOCKING BETWEEN STUDS, EACH SIDE OF POST FOR BOLTED CONNECTION SHOWN.

SECTION 10
1" = 1'-0" S2.102 | S2.301

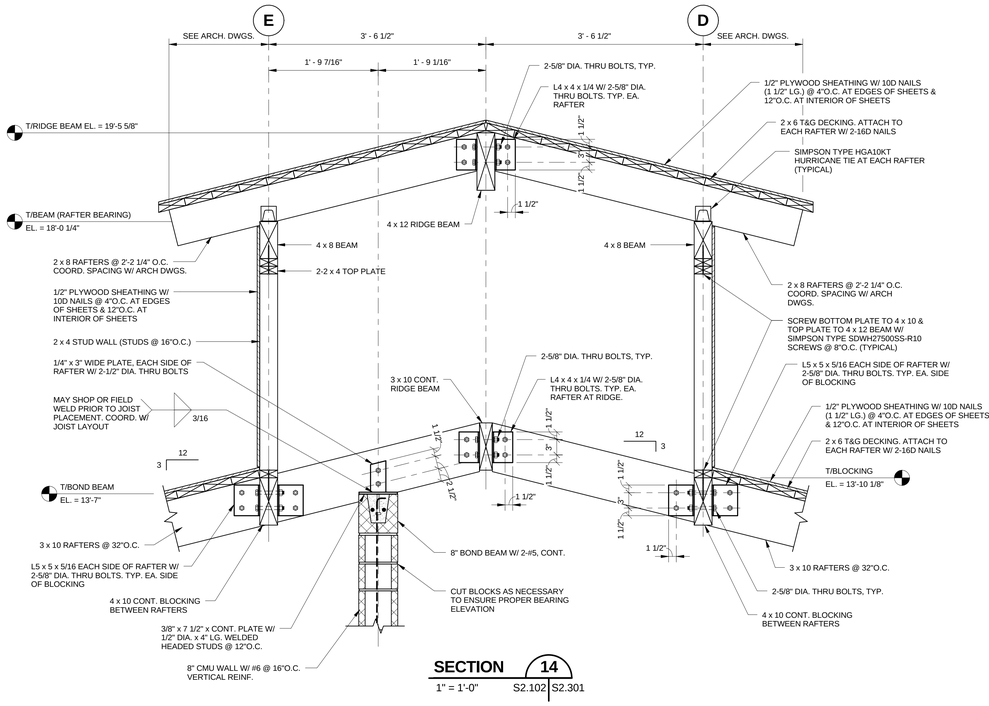


SECTION 11
1" = 1'-0" S2.102 | S2.301



SECTION 12
1" = 1'-0" S2.102 | S2.301

SECTION 13
1" = 1'-0" S2.102 | S2.301



SECTION 14
1" = 1'-0" S2.102 | S2.301

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: GOOGE
CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 DEREK WILLIAM USSERY 6-27-2016

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

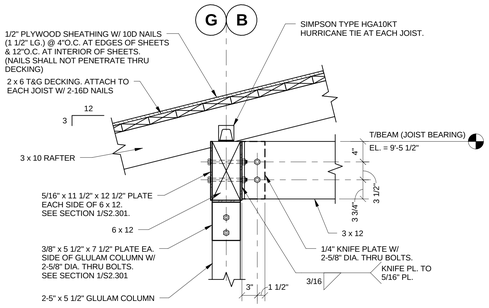
DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
ROOF FRAMING DETAILS

4SE
2 RADCLIFFE STREET SUITE 201 CHARLESTON, SC 29492
PH. 843.722.7783 FAX 843.722.7711 www.4seinc.com

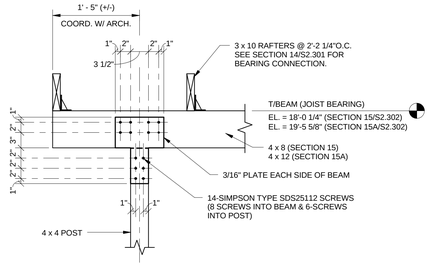
Wood+Partners Inc. WPi
Landscape Architects Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6618 ▮ Fax 843.681.7088 ▮ www.woodandpartners.com

SHEET NUMBER
S2.301

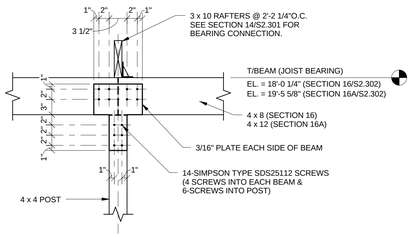
S:\Jobs\Active\2015\15-106 Coligney Development Phase 2\Drawings\Coligney - Restrooms_Structural_Rev 15.vt



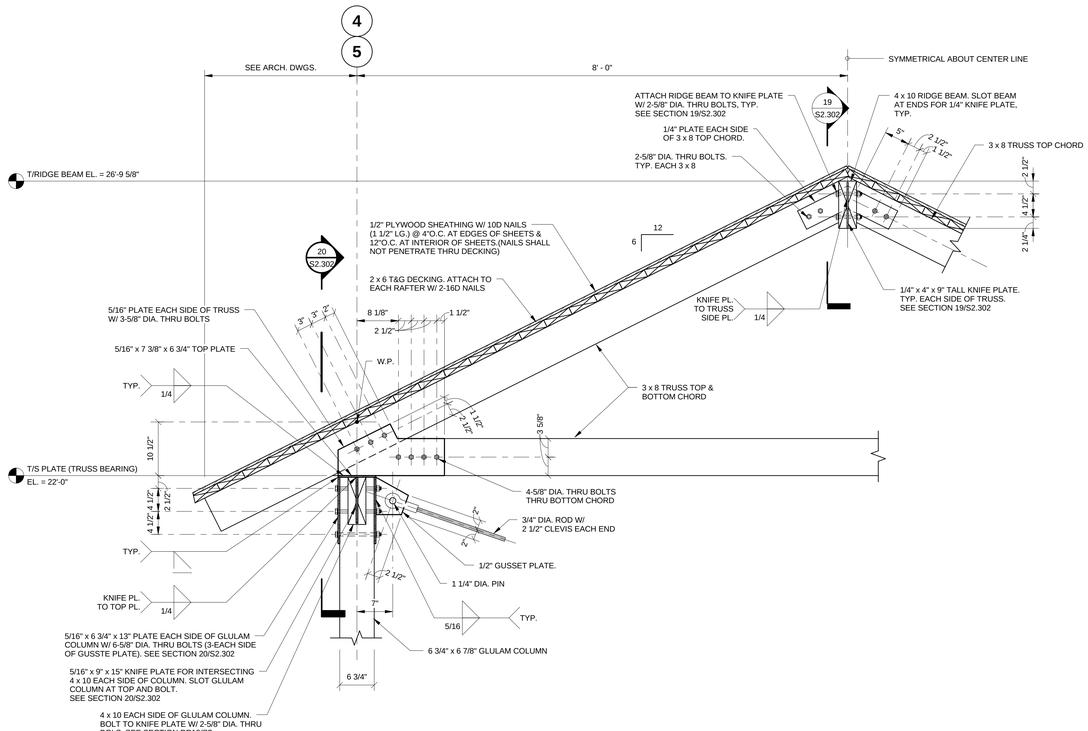
SECTION 14A
1" = 1'-0" S2.102 | S2.302



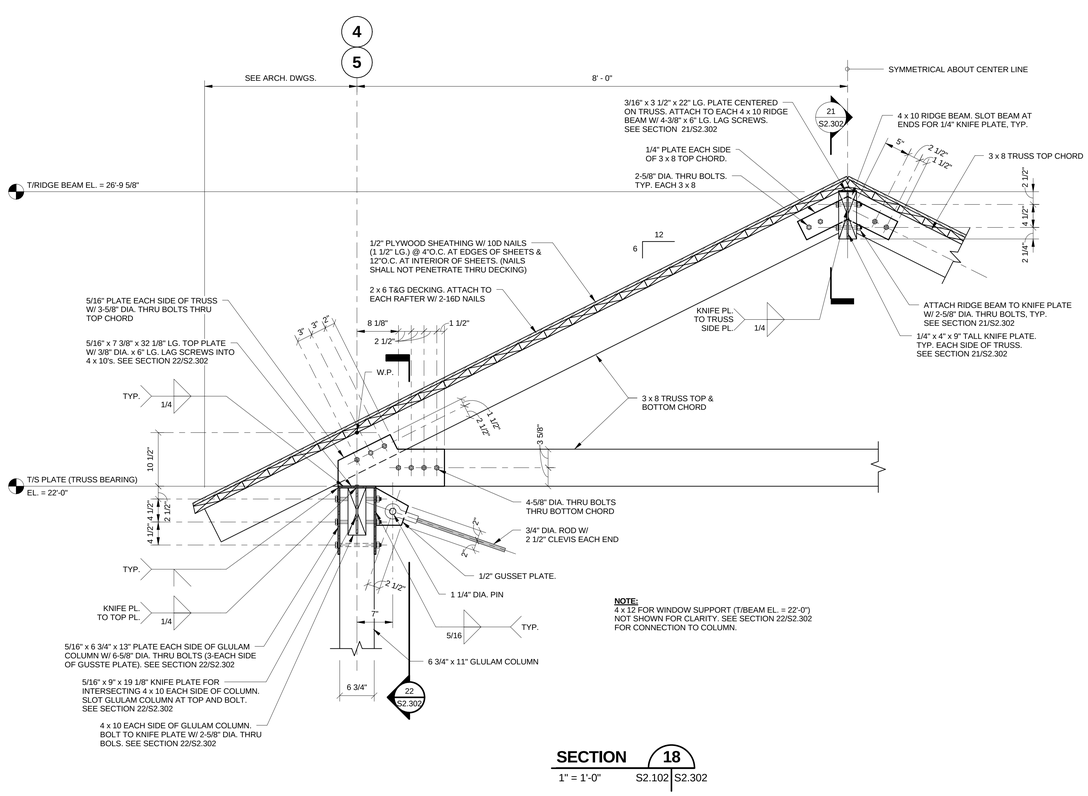
SECTION 15 | 15A
1" = 1'-0" S2.102 | S2.302 S2.102 | S2.302



SECTION 16 | 16A
1" = 1'-0" S2.102 | S2.302 S2.102 | S2.302

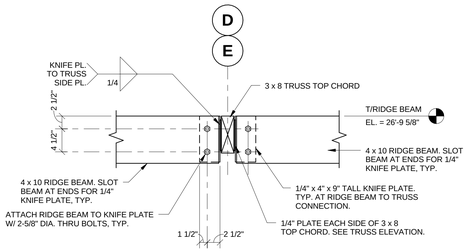


SECTION 17
1" = 1'-0" S2.102 | S2.302

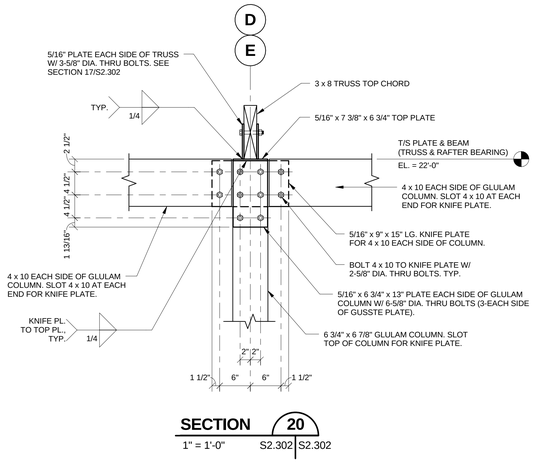


NOTE:
4 x 12 FOR WINDOW SUPPORT (T/BEAM EL. = 22'-0") NOT SHOWN FOR CLARITY. SEE SECTION 22/S2.302 FOR CONNECTION TO COLUMN.

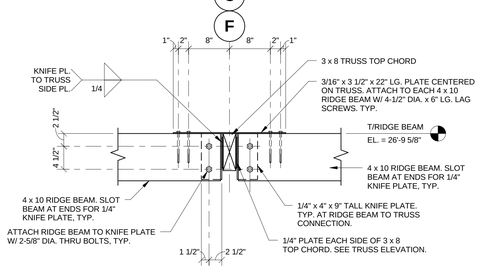
SECTION 18
1" = 1'-0" S2.102 | S2.302



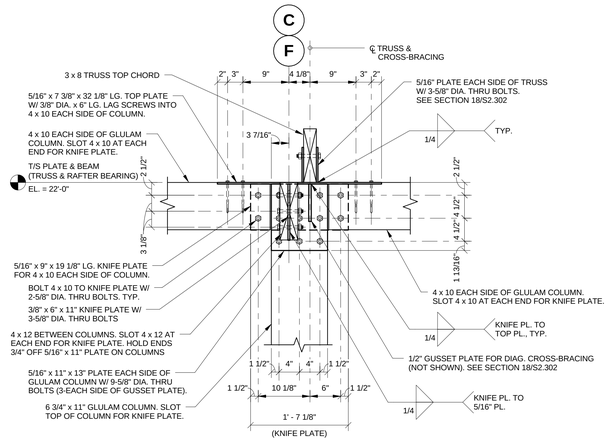
SECTION 19
1" = 1'-0" S2.302 | S2.302



SECTION 20
1" = 1'-0" S2.302 | S2.302



SECTION 21
1" = 1'-0" S2.302 | S2.302



SECTION 22
1" = 1'-0" S2.302 | S2.302

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
Author

CHECKED BY:
Checker

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 6-27-2016 DEAN WILLIAM USSERY

SOUTH CAROLINA 4SE, INC. No. O02578 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
ROOF FRAMING DETAILS

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SHEET NUMBER
S2.302

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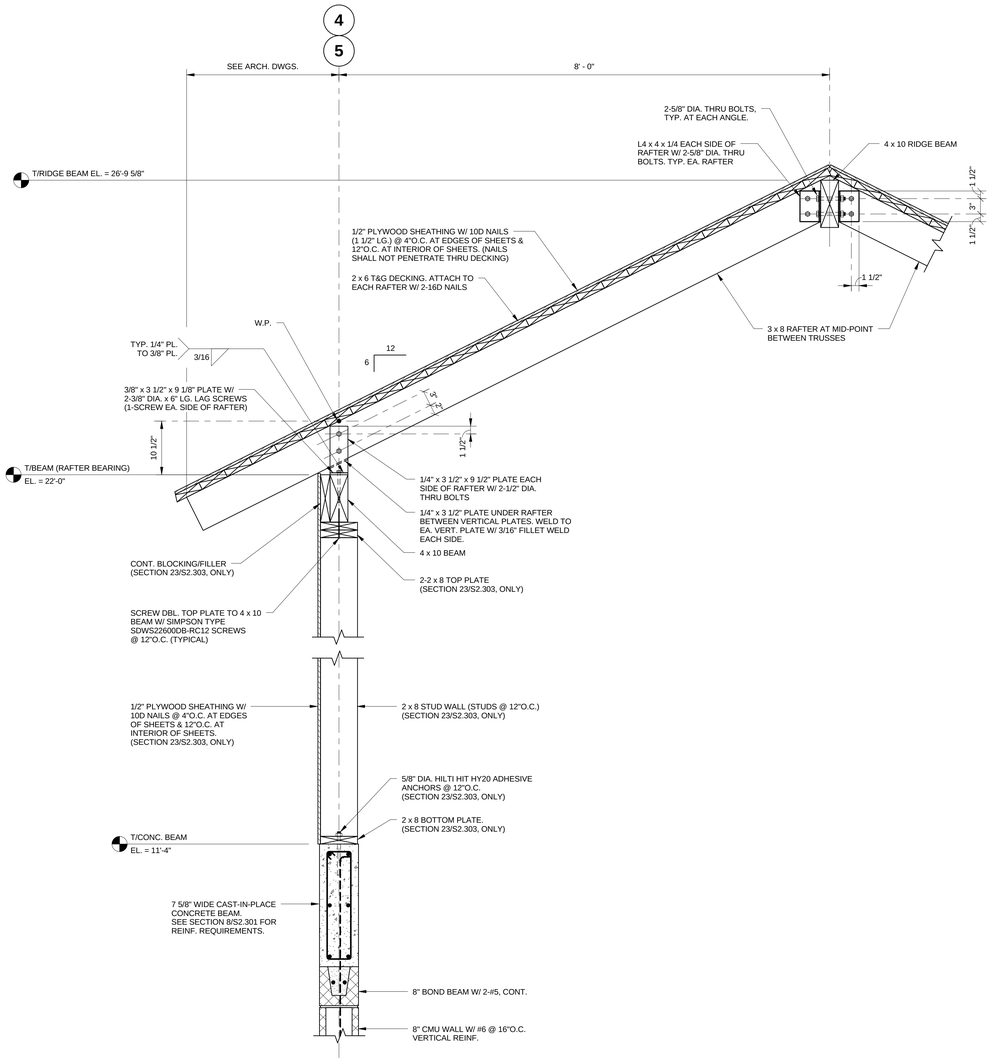
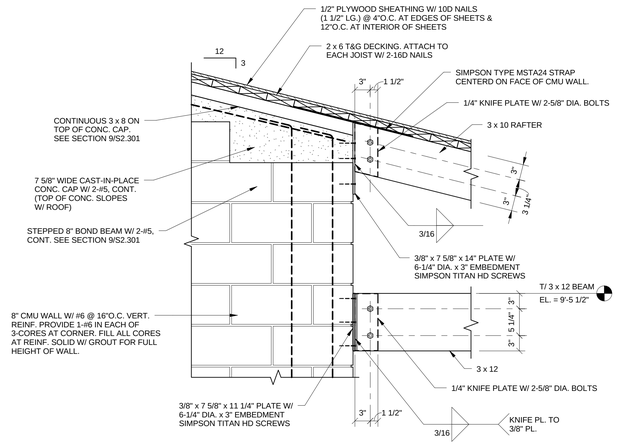


SECTION 23 / 23A
1" = 1'-0" S2.102 | S2.303 S2.102 | S2.102



SECTION 24
1" = 1'-0" S2.102 | S2.303

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: Author
CHECKED BY: Checker

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 DEAN WILLIAM OSSER 6-27-2016

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
ROOF FRAMING DETAILS

SHEET NUMBER
S2.303

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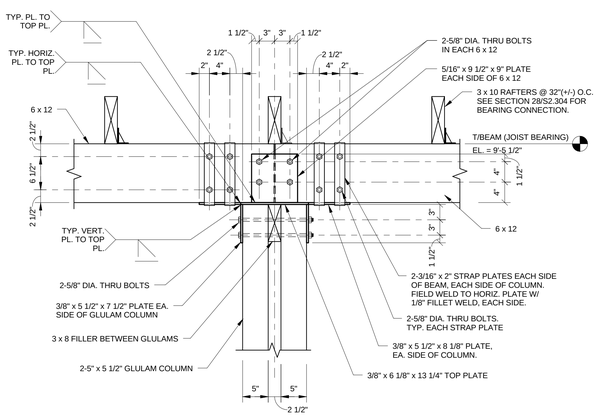
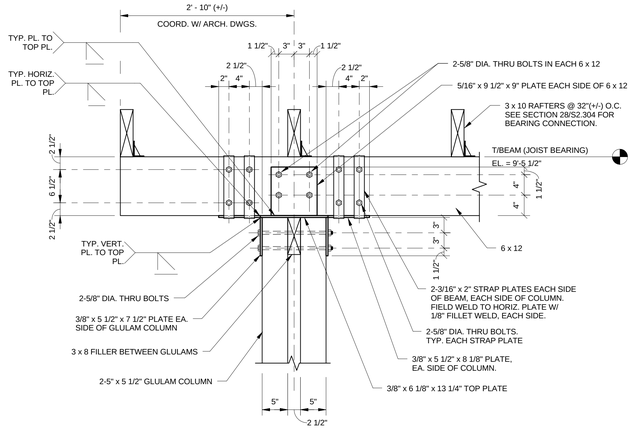
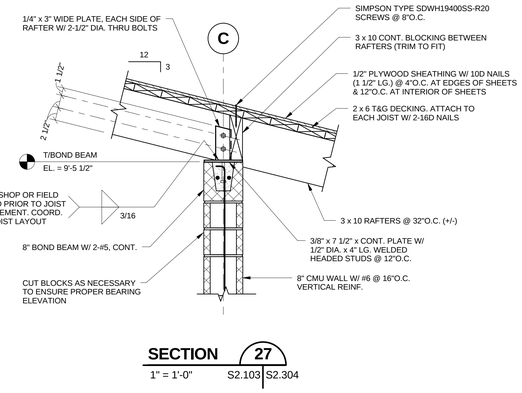


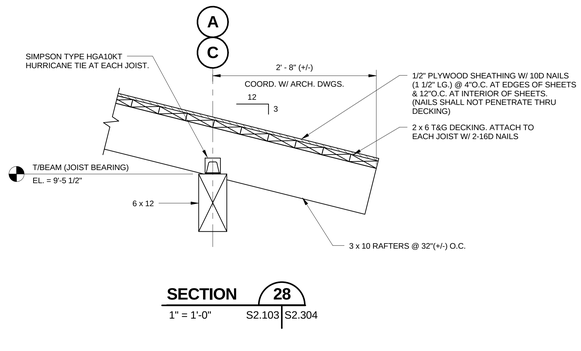
SECTION 25
1" = 1'-0" S2.103 | S2.304



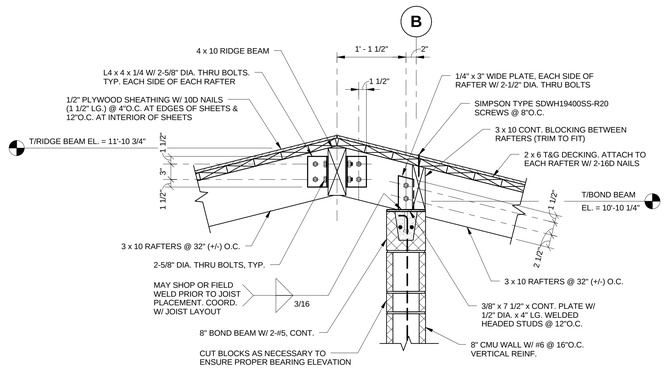
SECTION 26
1" = 1'-0" S2.103 | S2.304



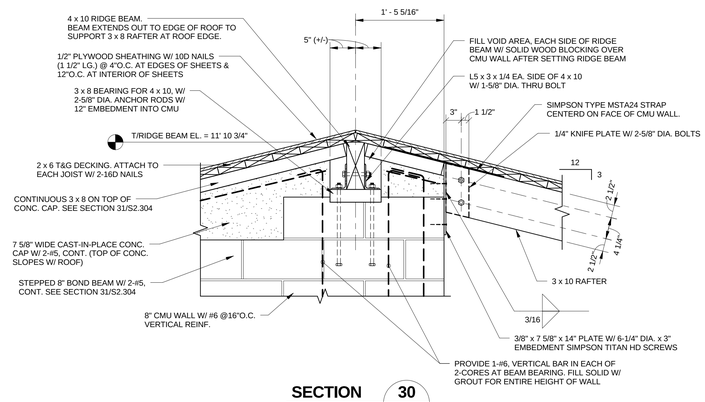
SECTION 27
1" = 1'-0" S2.103 | S2.304



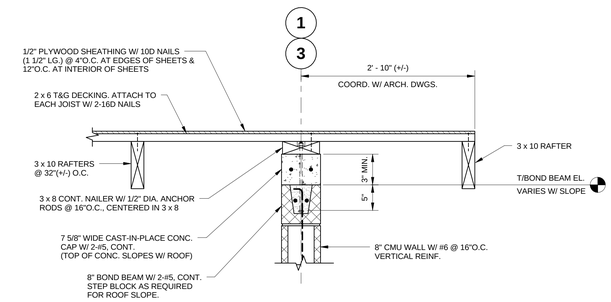
SECTION 28
1" = 1'-0" S2.103 | S2.304



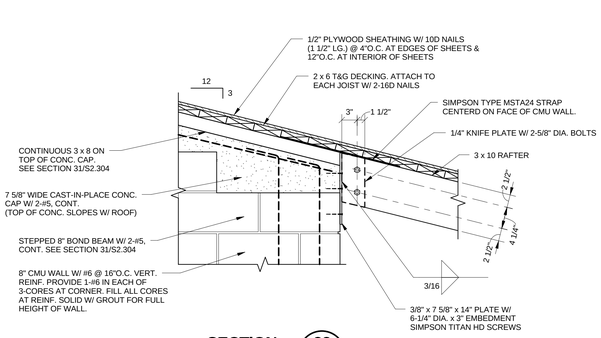
SECTION 29
1" = 1'-0" S2.103 | S2.304



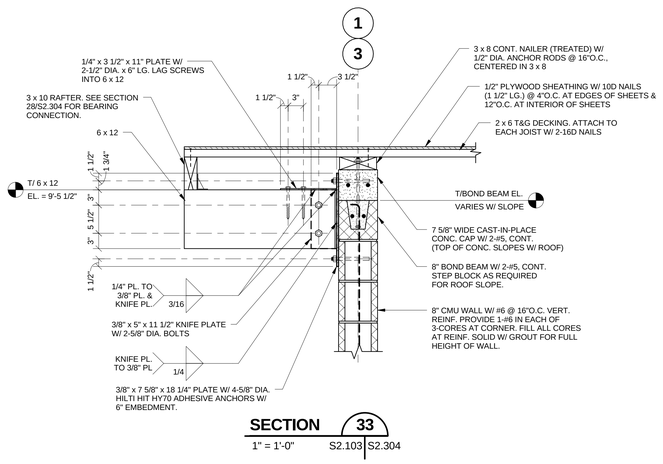
SECTION 30
1" = 1'-0" S2.103 | S2.304



SECTION 31
1" = 1'-0" S2.103 | S2.304



SECTION 32
1" = 1'-0" S2.103 | S2.304



SECTION 33
1" = 1'-0" S2.103 | S2.304

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: GOOGE
CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 6-27-2016 DEAN WILLIAM USSERY

SOUTH CAROLINA 4SE, INC. No. C02578 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

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6-30-2016
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SHEET NUMBER
S2.304

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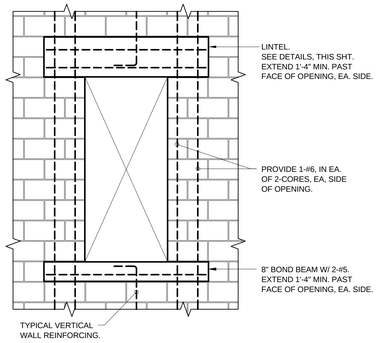
MASONRY WALL REINFORCING SCHEDULE

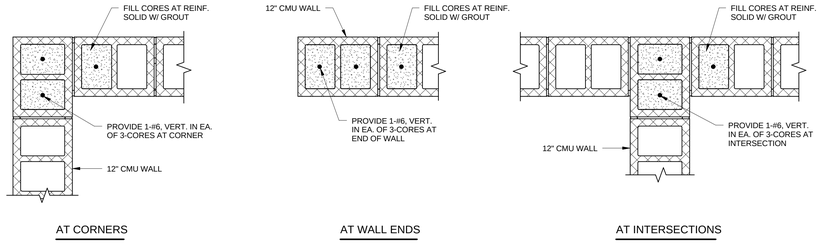
WALL TYPE	VERTICAL REINFORCING	NOTES
8" CMU	#6 @ 16"O.C.	-
12" CMU	#6 @ 16"O.C.	-
6" CMU (PARTITION WALLS IN RESTROOMS)	#5 @ 16"O.C.	-

1. SEE WALL REINFORCING DETAILS, THIS SHEET, FOR ADDITIONAL VERTICAL REINFORCING AT WALL CORNERS, INTERSECTIONS, AND ENDS OF ALL WALLS.
2. SEE DETAIL, THIS SHEET, FOR REINFORCING AROUND ALL TYPICAL WALL OPENINGS (LINTEL, SILL, AND JAMB) UNLESS NOTED OTHERWISE.
3. PROVIDE STANDARD WEIGHT HORIZONTAL JOINT REINFORCING AT 16"O.C. VERTICALLY IN ALL WALLS UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. ALL REINFORCED MASONRY SHALL HAVE MIN. f'm = 1500 PSI. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
5. ALL VERTICAL #6 REINFORCING SHALL HAVE A MINIMUM SPLICE LENGTH OF 3'-0" AND SHALL TERMINATE IN UPPERMOST BOND BEAM WITH A STANDARD 90° HOOK.
6. ALL BOND BEAMS IN 12" CMU WALLS SHALL HAVE 2-#6, CONTINUOUS AND SHALL HAVE A MINIMUM SPLICE LENGTH OF 3'-4" AND SHALL BE MADE CONTINUOUS WITH CORNER SPLICE BARS. ALL BOND BEAMS IN 8" CMU WALLS SHALL HAVE 2-#5, CONTINUOUS AND SHALL HAVE A MINIMUM SPLICE LENGTH OF 2'-6" AND SHALL BE MADE CONTINUOUS WITH CORNER SPLICE BARS. . ADDED BOND BEAMS SHALL BE SPACED AT 4'-0"O.C.(±)
7. GROUT FOR FILLED CORES, BOND BEAMS AND LINTELS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. MORTAR SHALL NOT BE USED AS A SUBSTITUTE FOR GROUT.
8. MASONRY CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF ACI530.
9. MORTAR SHALL BE TYPE S AND SHALL BE MADE USING MORTAR CEMENT OR PORTLAND CEMENT/ LIME MIX. MASONRY CEMENT SHALL NOT BE USED FOR REINFORCED MASONRY CONSTRUCTION.
10. SEE ARCHITECTURAL DRAWINGS FOR VERTICAL CONTROL JOINT LOCATIONS AND ALL DETAILS. PROVIDE CONTROL JOINTS IN ALL WALLS AT A SPACING NOT TO EXCEED 30'-0"O.C. CONTROL JOINTS SHALL BE LOCATED NO CLOSER THAN 16" TO THE JAMB OF ANY OPENING TO AVOID INTERFERENCE WITH "TYPICAL REINFORCING AROUND MASONRY OPENING" DETAIL, THIS SHEET.
11. INTERIOR NON-STRUCTURAL 6" CMU WALLS SHALL BE PROVIDED WITH BOND BEAMS WITH 1-#5 CONTINUOUS HORIZONTAL BAR@ 4'-0"O.C. VERTICALLY. PROVIDE 2-#5 CONTINUOUS BARS IN BOND BEAMS AT TOP OF WALLS AND 1-#5 CONTINUOUS IN OTHER BOND BEAMS.
12. VERTICAL REINFORCING IN SINGLE REINFORCED WALLS, SHALL BE CENTERED IN THE WALL. REINFORCING BAR POSITIONERS SHALL BE USED IN ALL WALLS TO ENSURE THAT VERTICAL REINFORCING IS LOCATED AS REQUIRED IN ALL WALLS.



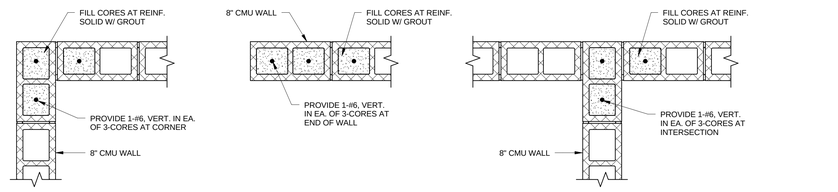
TYPICAL REINFORCING AROUND MASONRY OPENING

1/2"=1'-0"



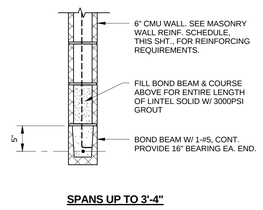
SPECIAL MASONRY REINFORCING DETAILS - 12" CMU

1" = 1'-0"



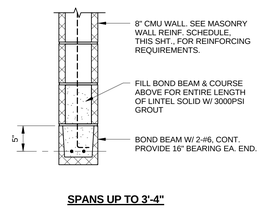
SPECIAL MASONRY REINFORCING DETAILS - 8" CMU

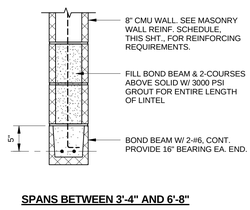
1" = 1'-0"



6" CMU LINTEL DETAIL

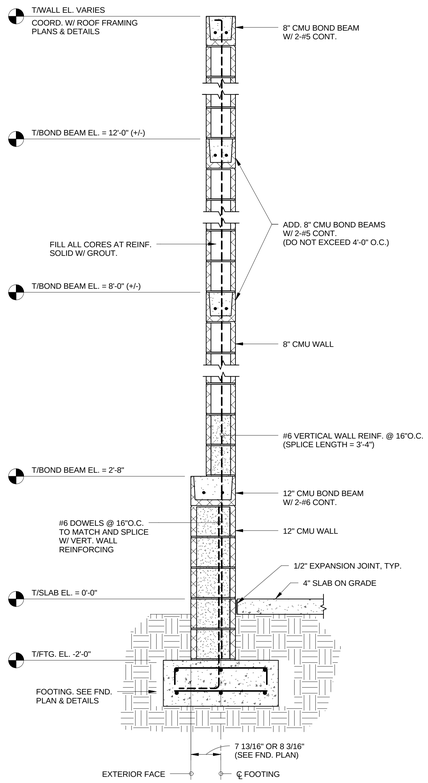
1" = 1'-0"





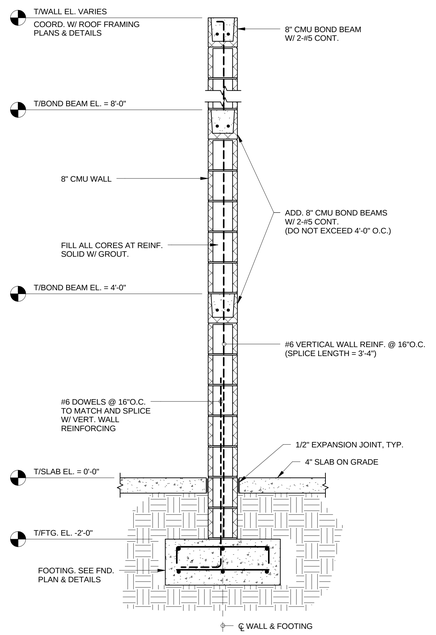
8" CMU LINTEL DETAILS

1" = 1'-0"



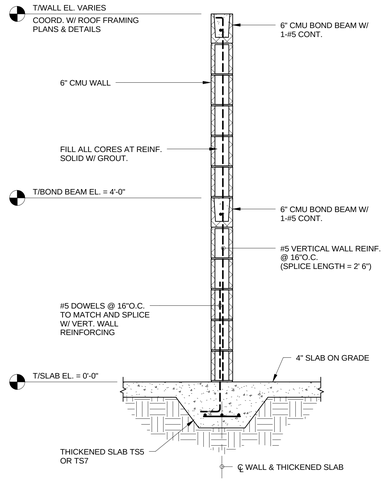
TYPICAL SECTION THRU EXTERIOR CMU WALL

3/4" = 1'-0"



TYPICAL SECTION THRU INTERIOR 8" CMU WALL

3/4" = 1'-0"



TYPICAL SECTION THRU INTERIOR 6" CMU WALL

3/4" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
GOOGE

CHECKED BY:
USSERY

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PROFESSIONAL STAMPS:

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No. 7976
6-27-2016
DEAN WILLIAM USSERY

SOUTH CAROLINA
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No. C02576
CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
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PROJECT NUMBER
01-16002
SHEET TITLE
MASONRY
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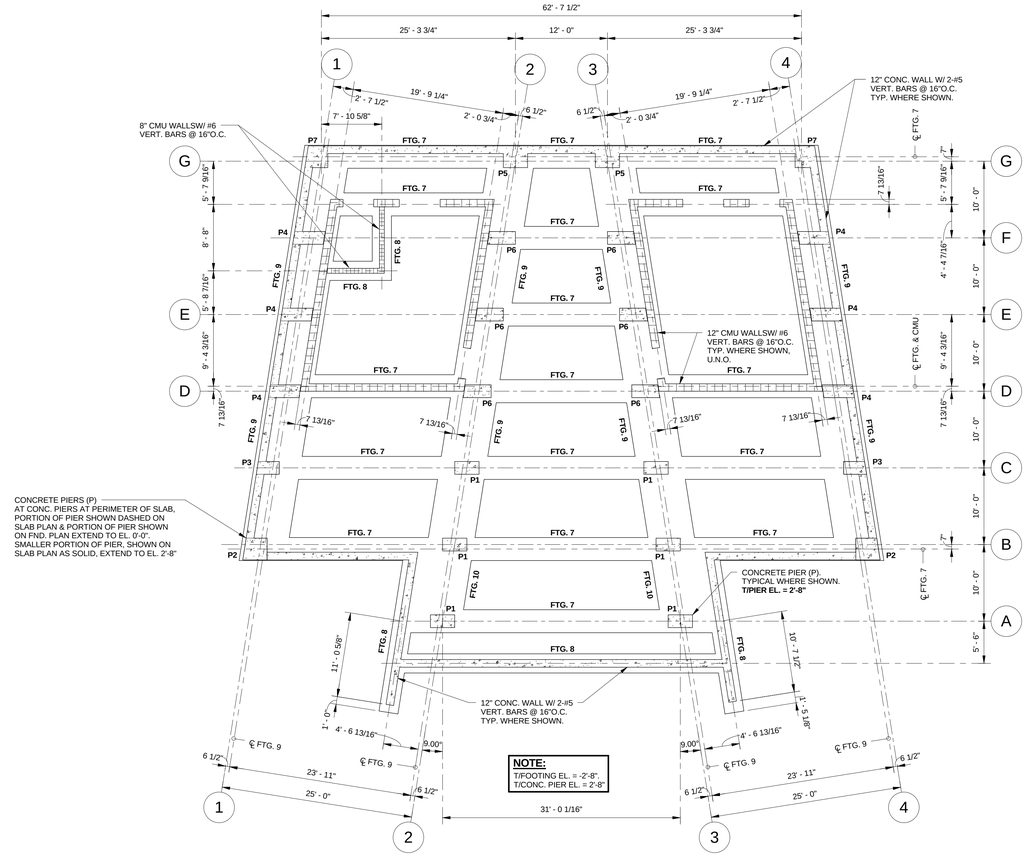
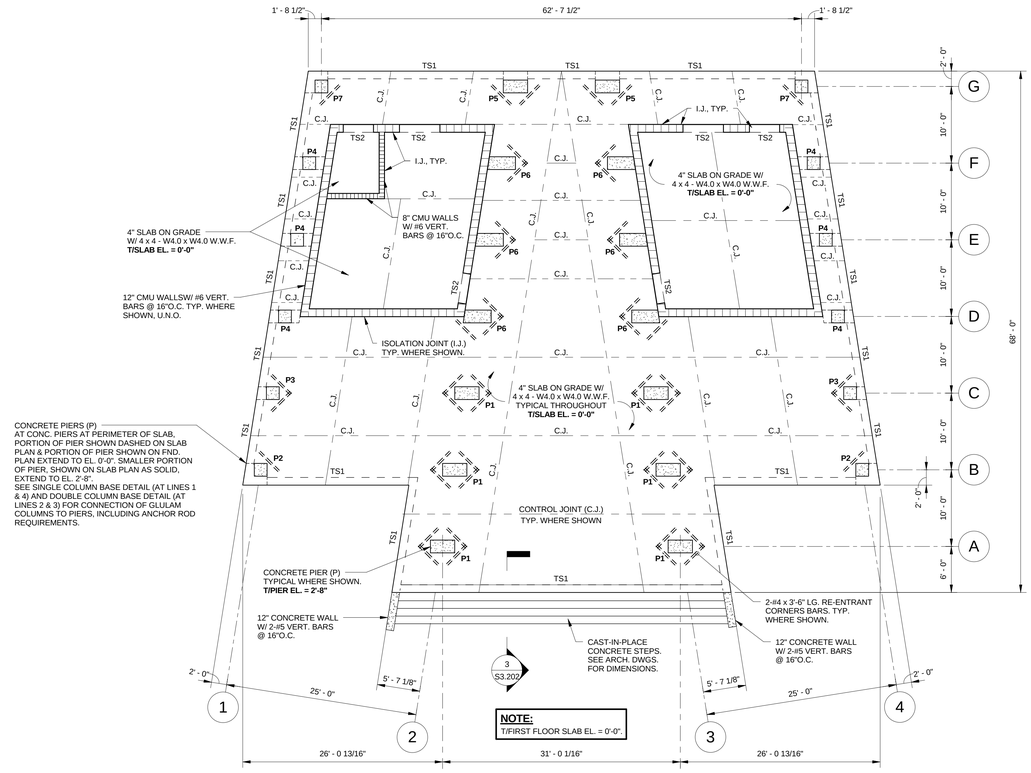
SHEET
NUMBER
S2.401



PAVILION - FOUNDATION PLAN

1/8" = 1'-0"



PAVILION - FIRST FLOOR SLAB PLAN

1/8" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: GOOGE

CHECKED BY: USSERY

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SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 6-27-2016 DEAN WILLIAM USSERY

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
FOUNDATION & FIRST FLOOR SLAB PLANS

SHEET NUMBER
S3.101

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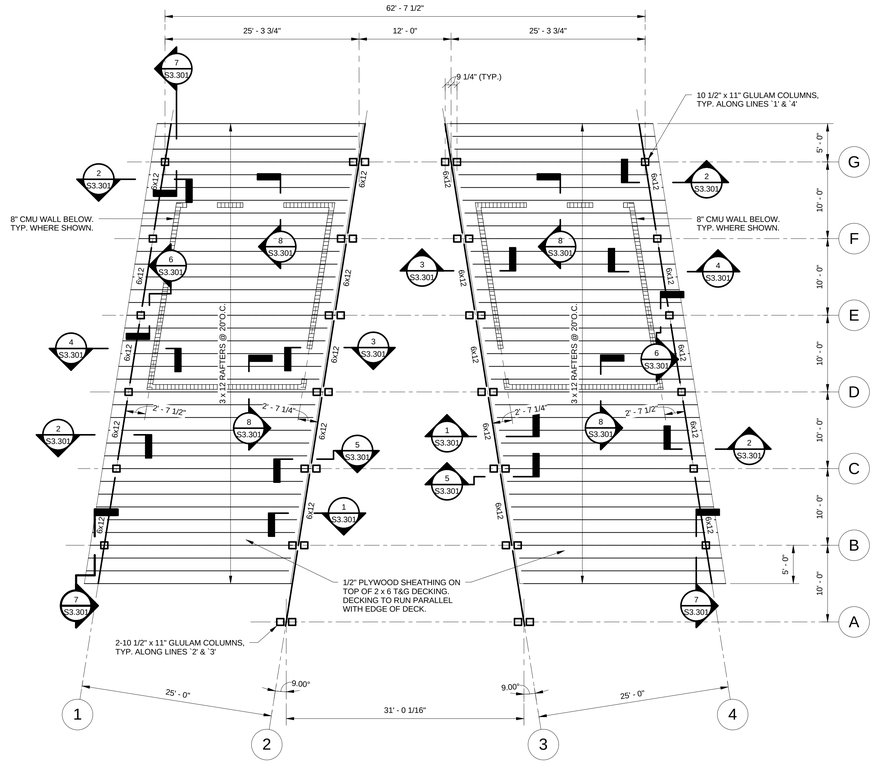
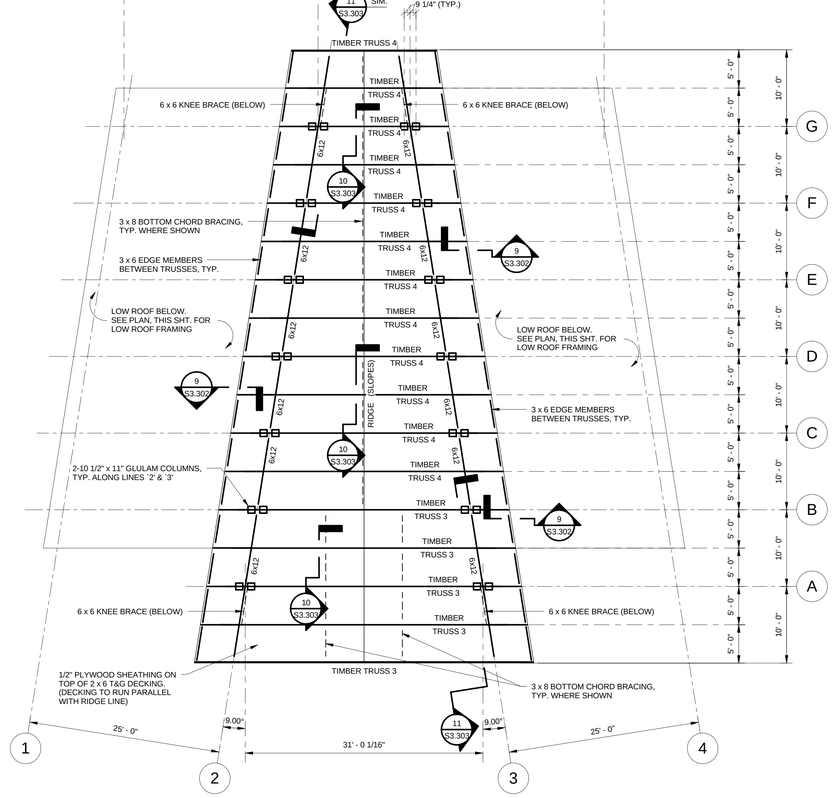


PAVILION - LOW ROOF FRAMING PLAN

1/8" = 1'-0"



PAVILION - HIGH ROOF FRAMING PLAN

1/8" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: GOOGE

CHECKED BY: USSERY

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SOUTH CAROLINA PROFESSIONAL ENGINEER DEAN WILLIAM USSERY No. 7978 6-27-2016

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
ROOF FRAMING PLANS

SHEET NUMBER
S3.102

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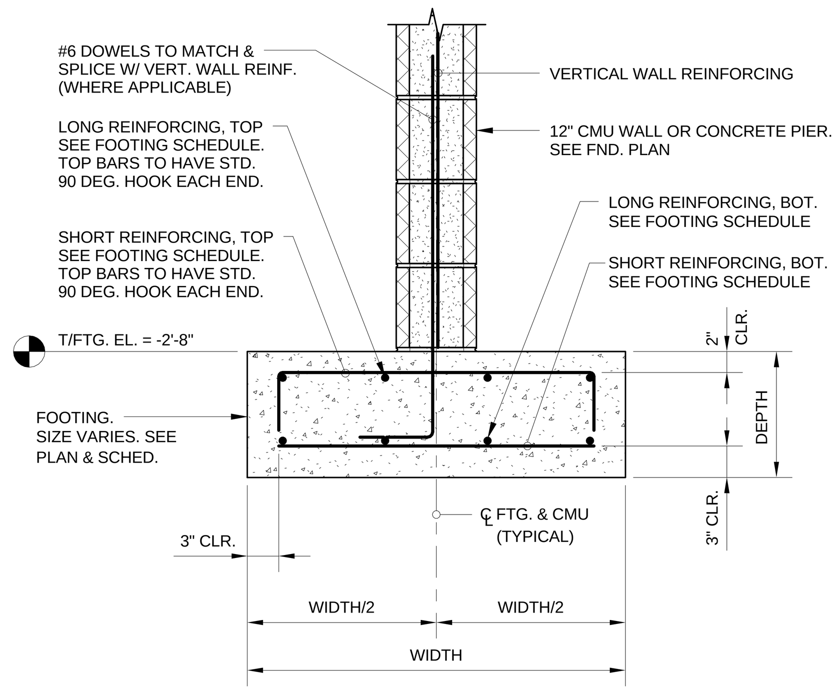
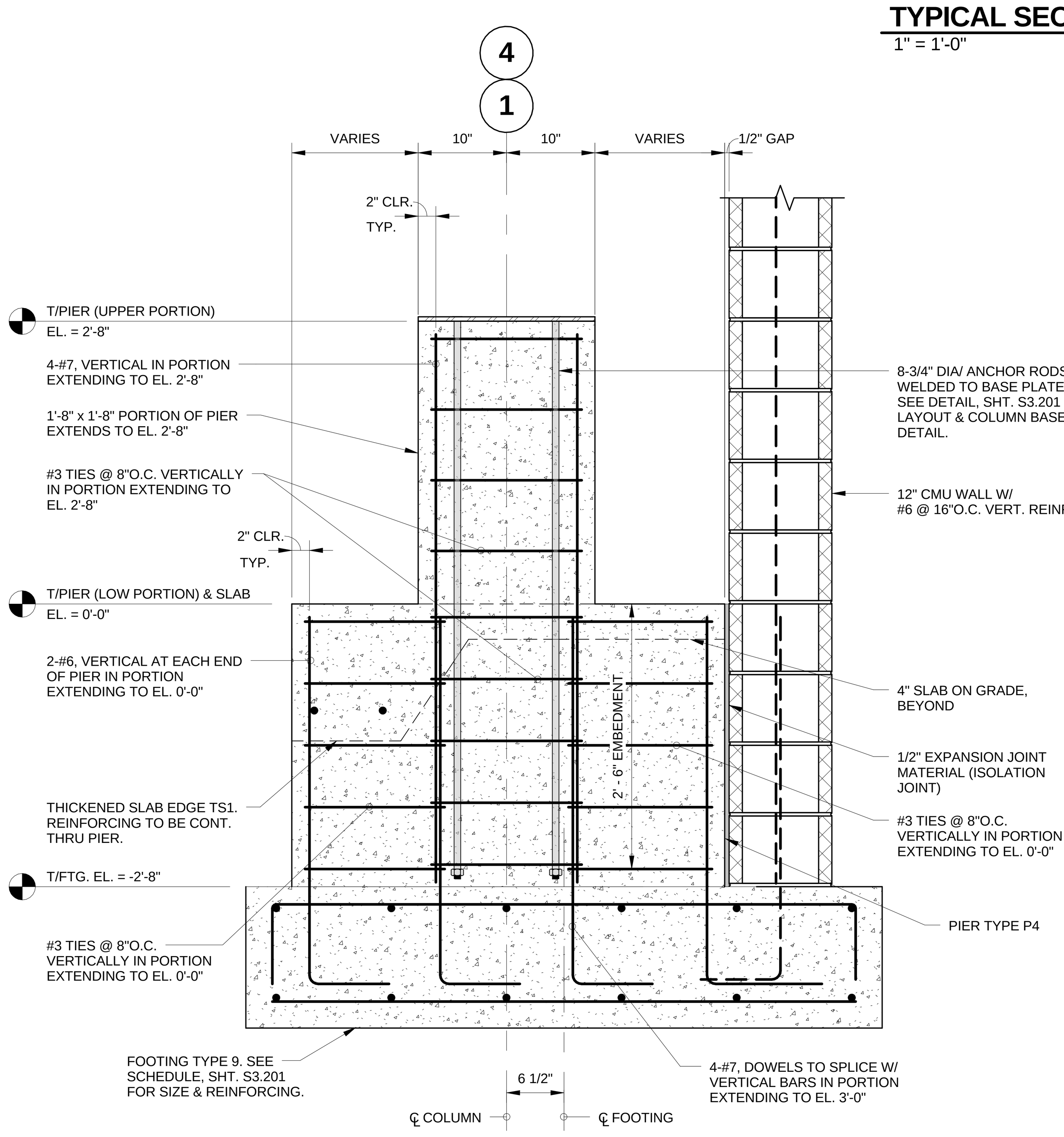
FOOTING SCHEDULE

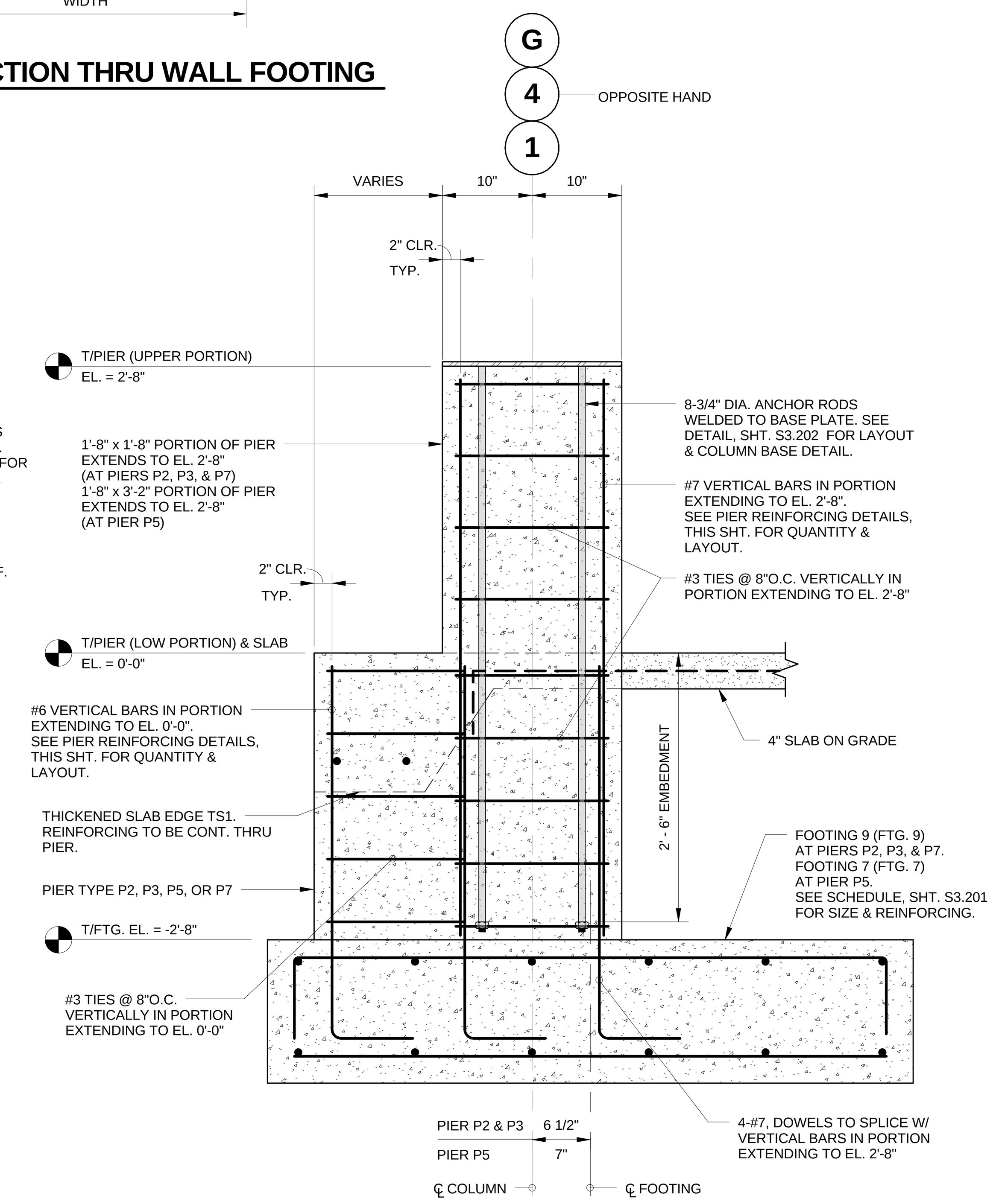
MARK	LENGTH	WIDTH	DEPTH	REINFORCING			
				TOP		BOTTOM	
				LONG	SHORT	LONG	SHORT
FTG. 7	CONT.	3'-0"	1'-4"	5-#6	#4 @ 12"	5-#6	#4 @ 12"
FTG. 8	CONT.	2'-6"	1'-4"	3-#5	#4 @ 12"	3-#5	#4 @ 16"
FTG. 9	CONT.	6'-0"	1'-4"	6-#6	#4 @ 12"	6-#6	#4 @ 12"
FTG. 10	CONT.	8'-9 13/16"	1'-4"	8-#6	#4 @ 12"	8-#6	#4 @ 12"



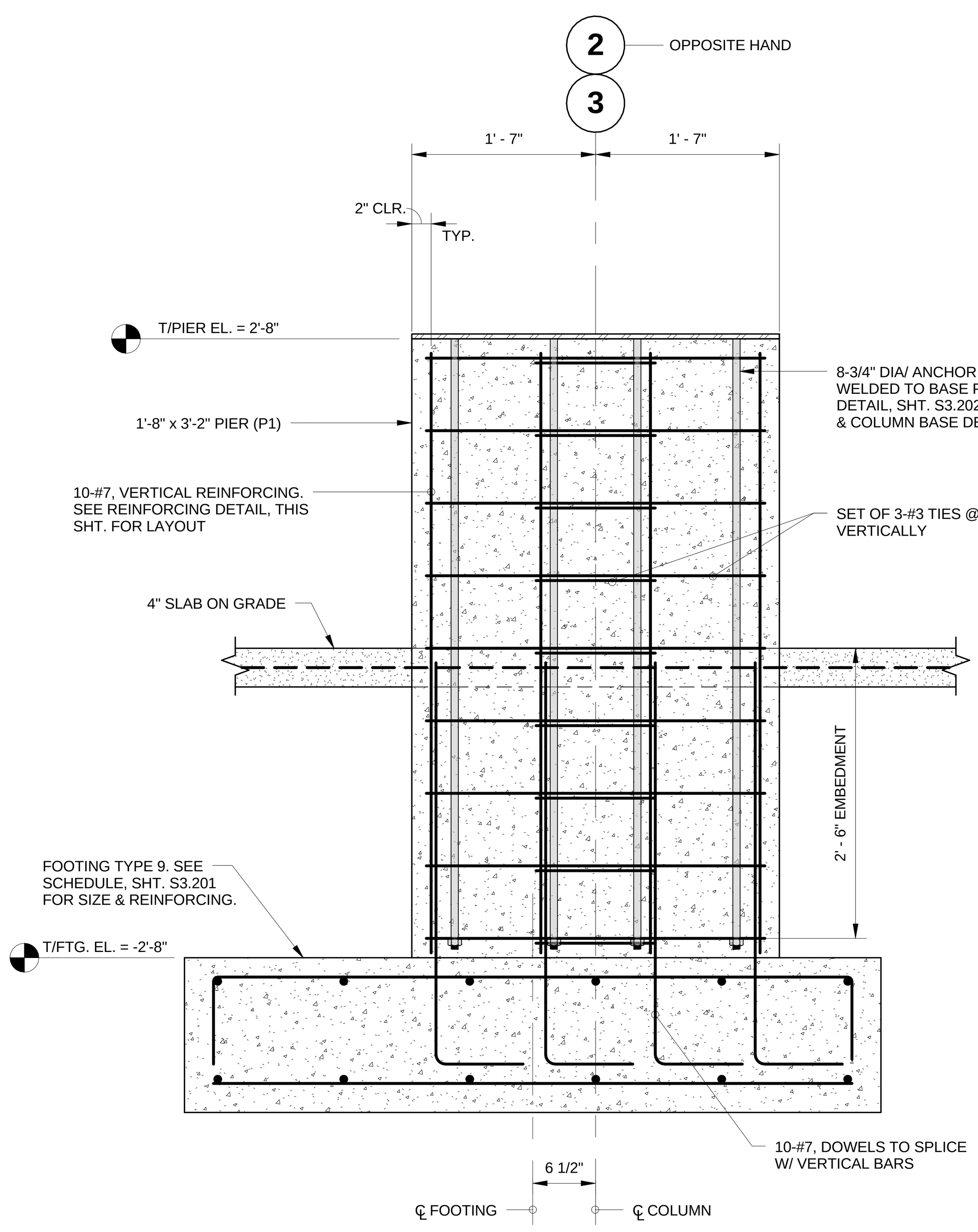
TYPICAL SECTION THRU WALL FOOTING
1" = 1'-0"



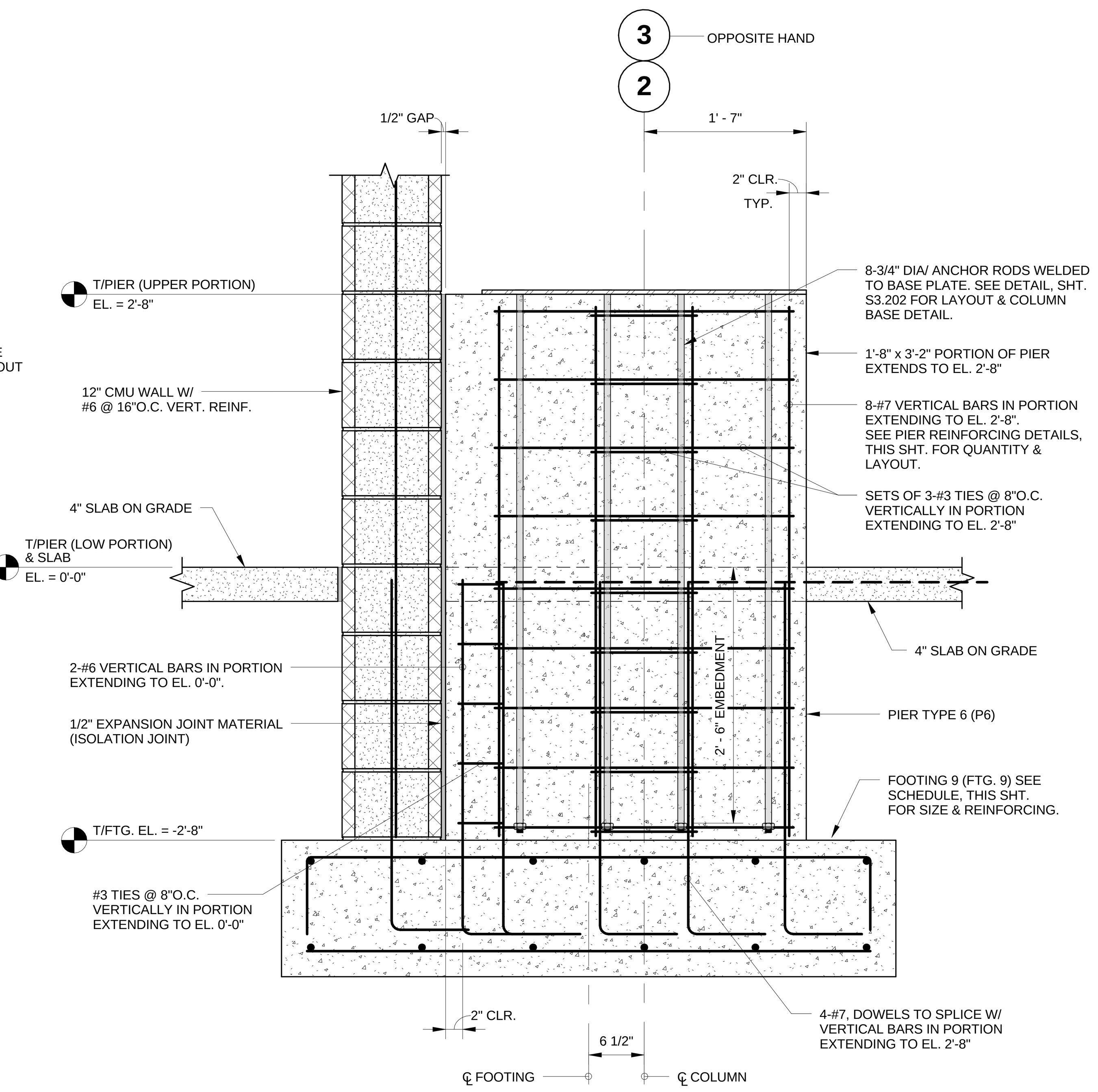
SECTION 1
1" = 1'-0" S3.201 S3.201



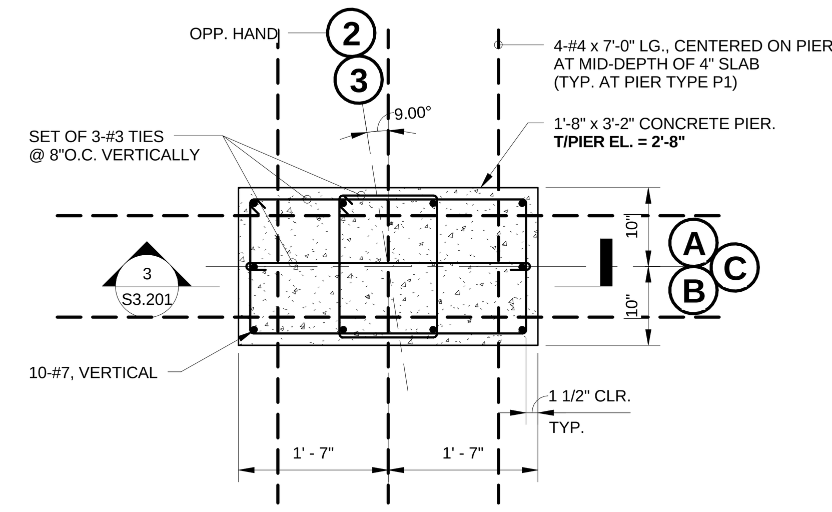
SECTION 2
1" = 1'-0" S3.201 S3.201



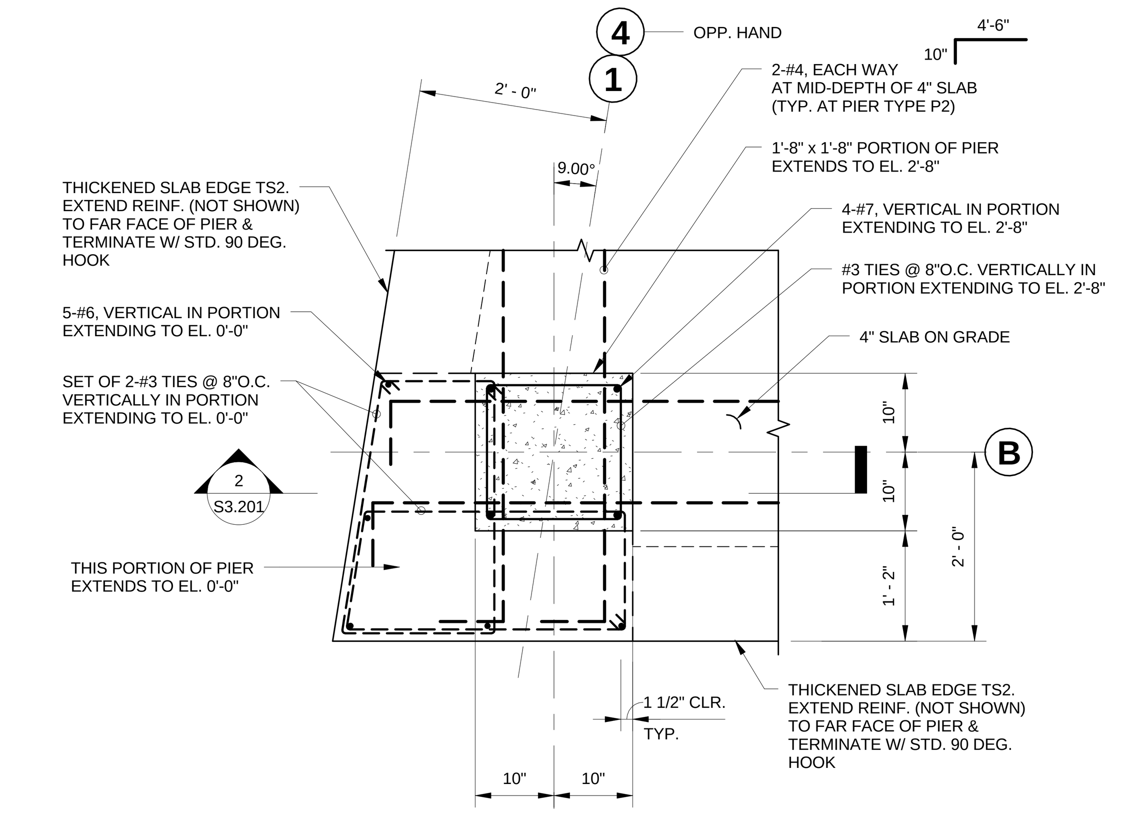
SECTION 3
1" = 1'-0" S3.201 S3.201



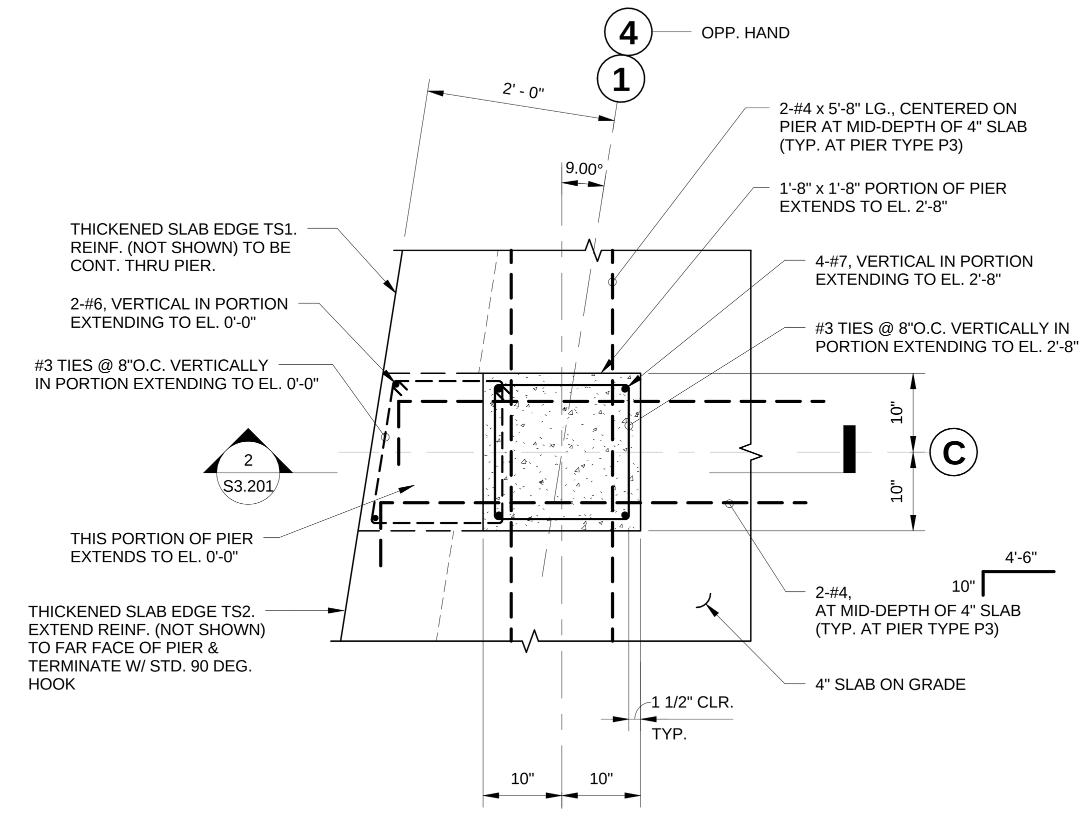
SECTION 4
1" = 1'-0" S3.201 S3.201



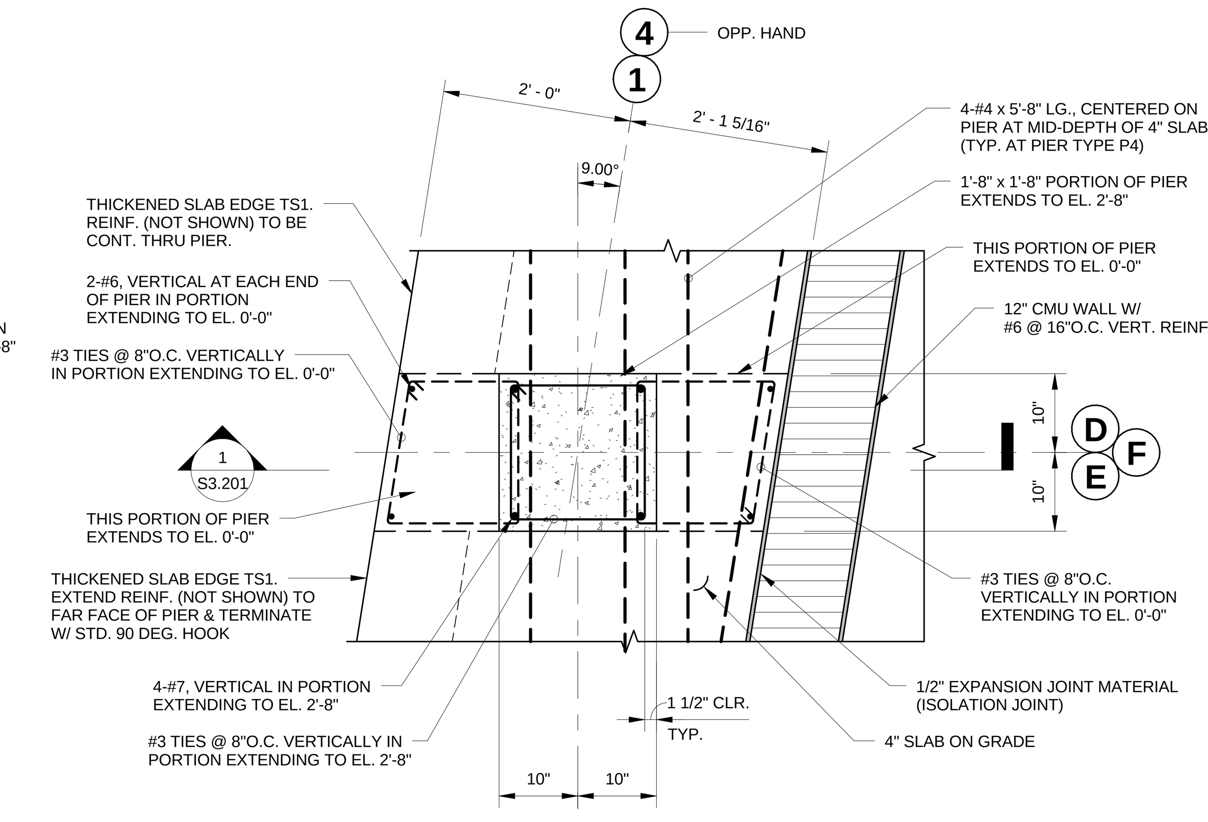
PIER TYPE 1 (P1)



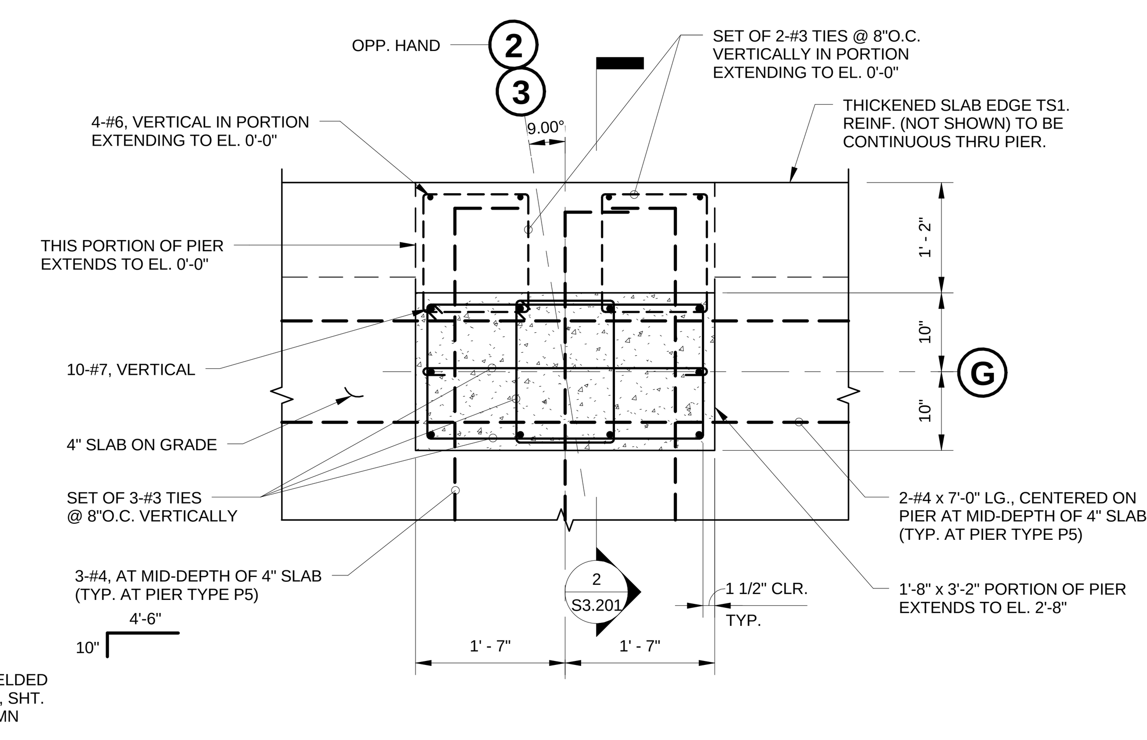
PIER TYPE 2 (P2)



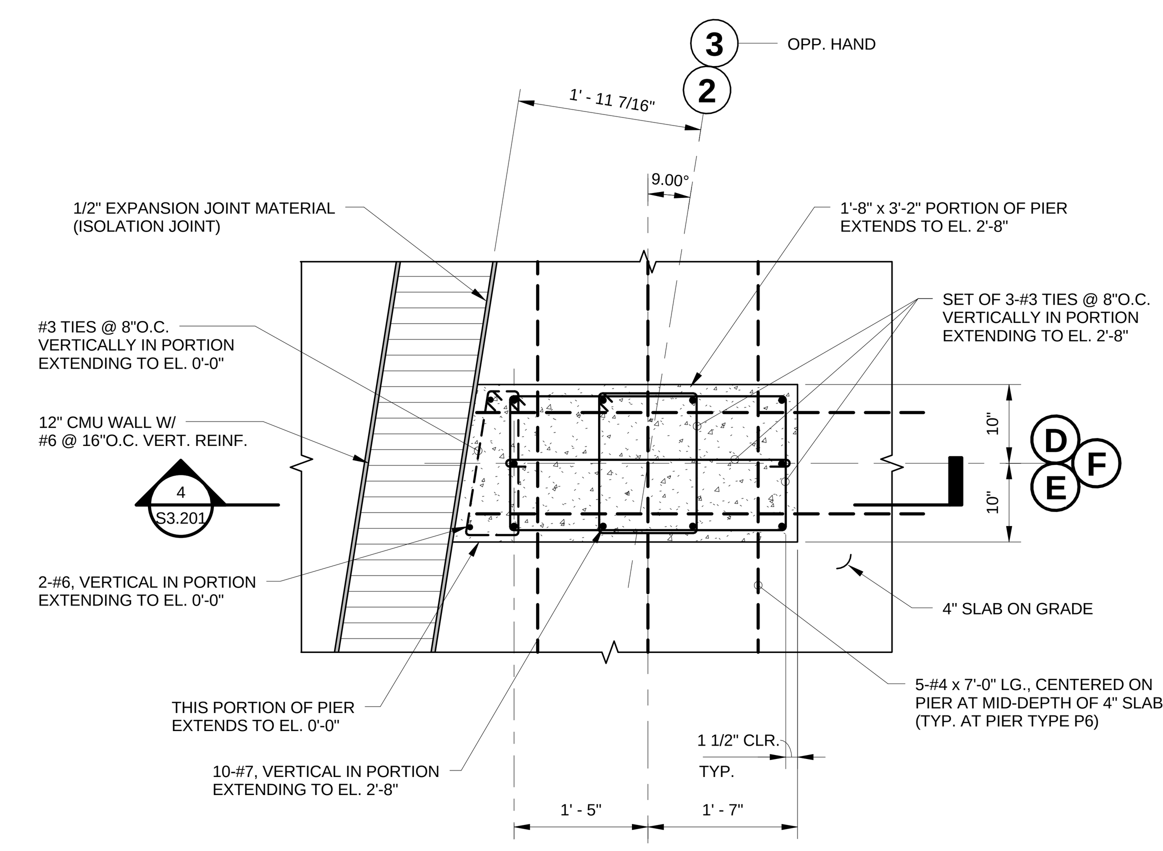
PIER TYPE 3 (P3)



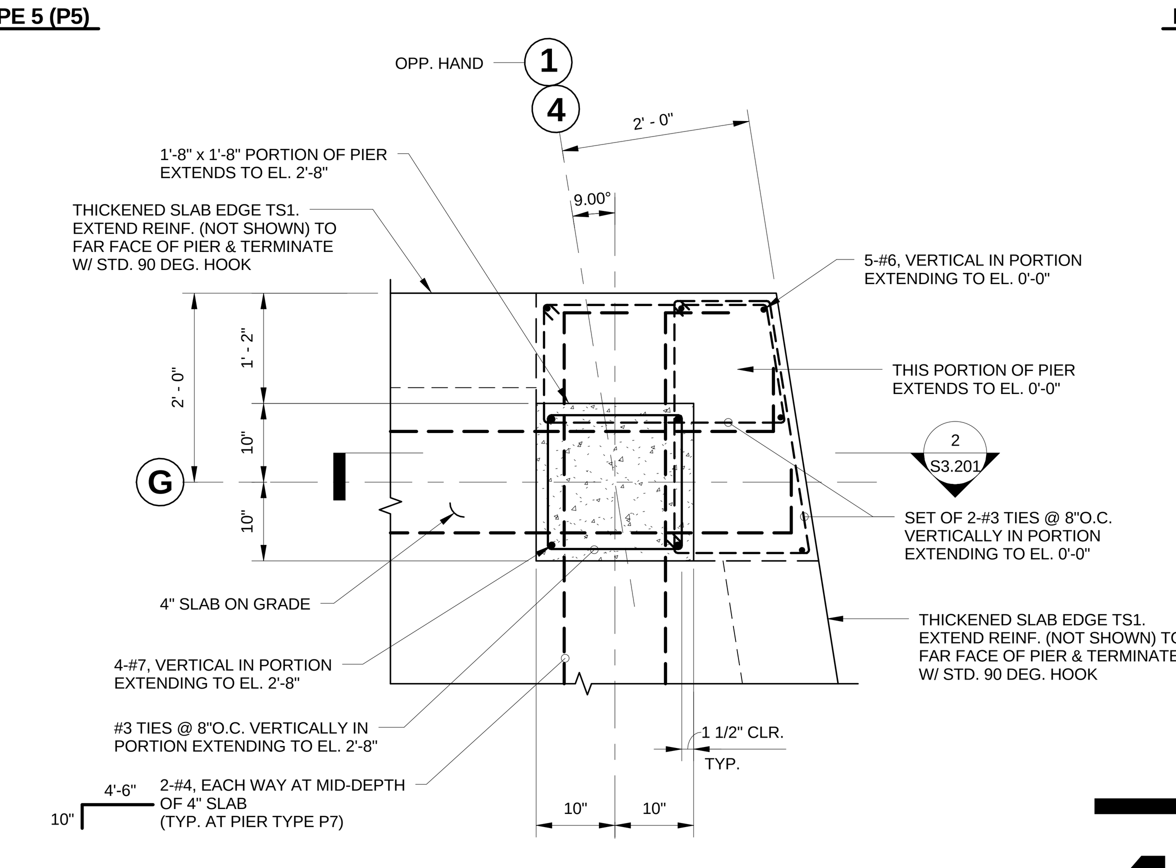
PIER TYPE 4 (P4)



PIER TYPE 5 (P5)



PIER TYPE 6 (P6)



PIER TYPE 7 (P7)

CONCRETE PIER REINFORCING DETAILS
3/4" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: GOOGE
CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 DEAN WILLIAM USSERY 6-27-2016

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

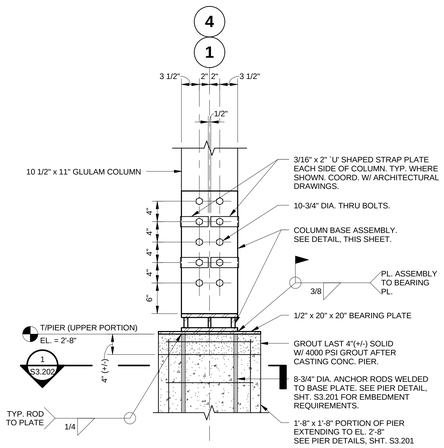
DATE 6-30-2016
PROJECT NUMBER 01-16002
SHEET TITLE FOUNDATION DETAILS

4SE

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com

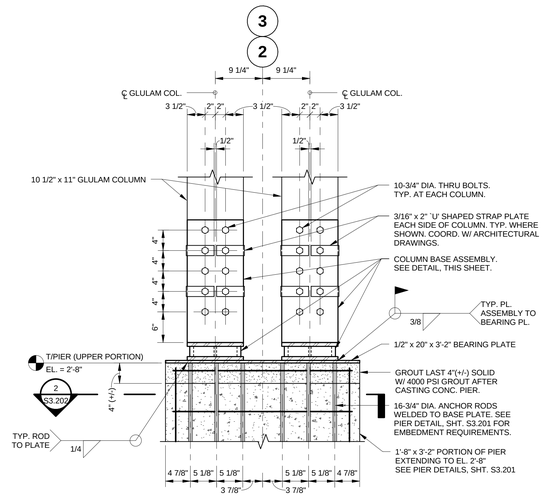
SHEET NUMBER
S3.201

S:\Jobs\Active\2015\15-106 Coligny Development Phase 2\Drawings\Coligny - Pavilion_Structural_Rev 15.rvt



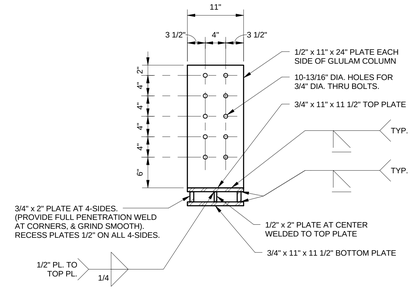
TYPICAL COLUMN BASE DETAIL - AT SINGLE GLULAM COLUMN

1" = 1'-0"



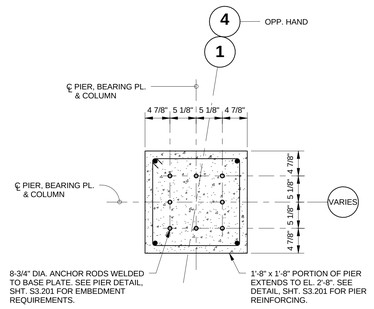
TYPICAL COLUMN BASE DETAIL - AT DOUBLE GLULAM COLUMN

1" = 1'-0"



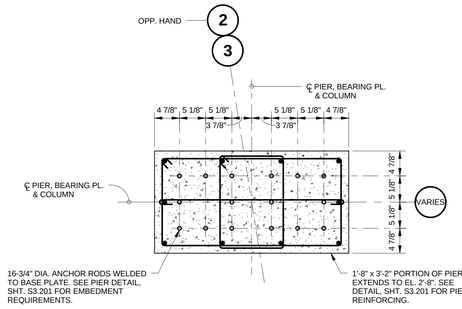
COLUMN BASE ASSEMBLY DETAIL

1" = 1'-0"



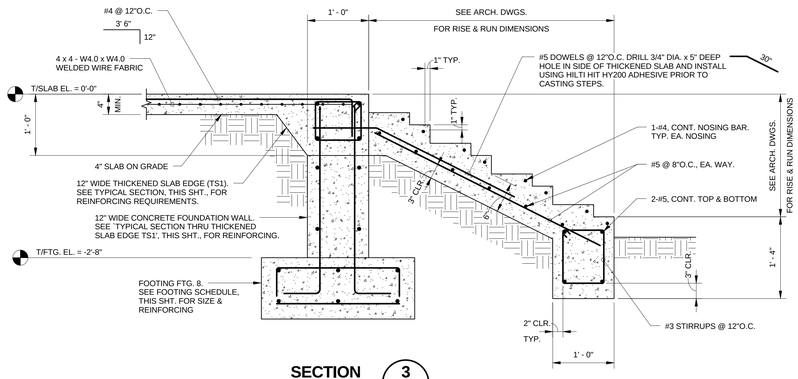
SECTION 1

1" = 1'-0" S3.202 | S3.202



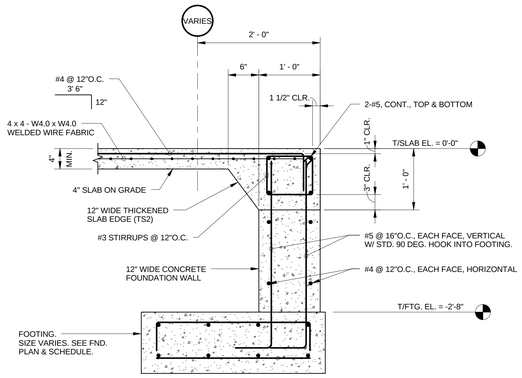
SECTION 2

1" = 1'-0" S3.202 | S3.202



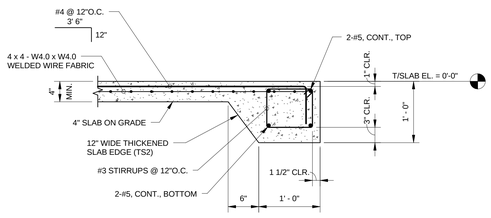
SECTION 3

1" = 1'-0" S3.101 | S3.202



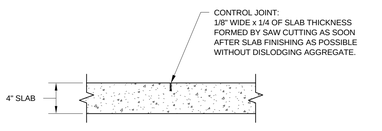
TYPICAL SECTION THRU THICKENED SLAB EDGE TS1

1" = 1'-0"



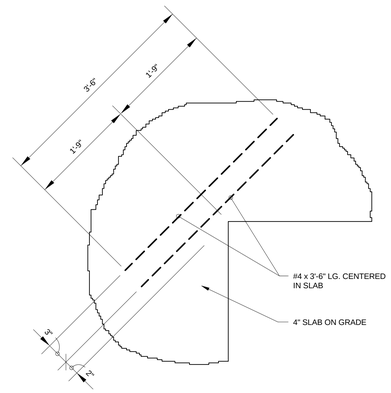
TYPICAL SECTION THRU THICKENED SLAB EDGE T2

1" = 1'-0"



TYPICAL CONTROL JOINT DETAIL

1 1/2"=1'-0"



TYPICAL RE-ENTRANT CORNER DETAIL

1" = 1'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: GOOGE

CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 DEAN WILLIAM USSERY 6-27-2016

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
SLAB DETAILS

4SE
3 RADCLIFFE STREET
SUITE 200
CHARLESTON, SC 29403
PH: 843.722.1992
FAX: 843.722.1951
www.4seinc.com

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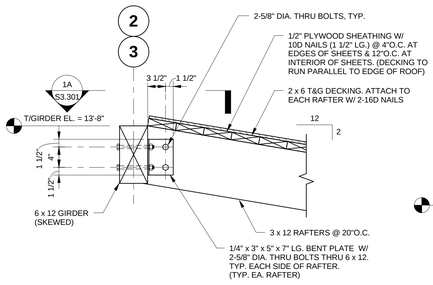
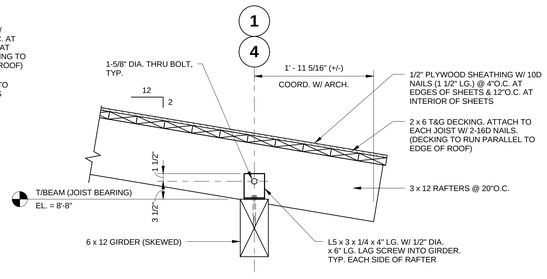
Land Planners
PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6618 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

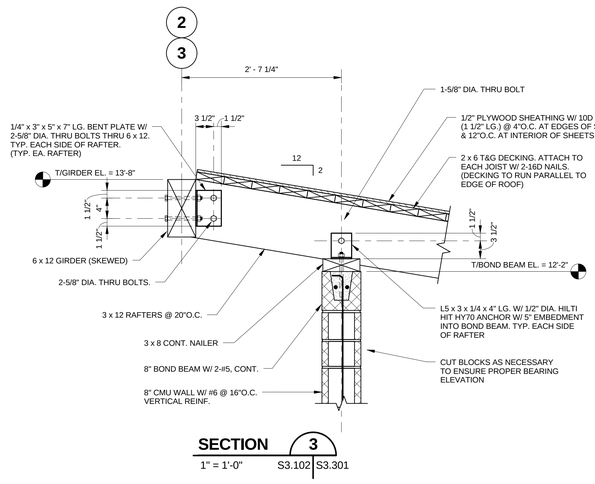
SHEET NUMBER
S3.202



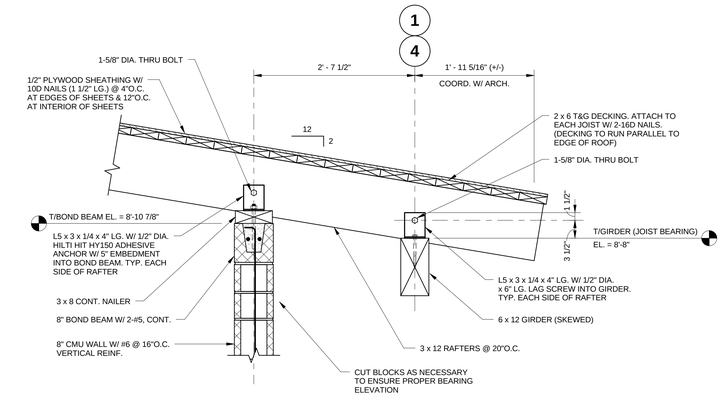
SECTION 1 — 1" = 1'-0" — S3.102 | S3.301



SECTION 2 — 1" = 1'-0" — S3.102 | S3.301



SECTION 3 — 1" = 1'-0" — S3.102 | S3.301



SECTION 4 — 1" = 1'-0" — S3.102 | S3.301

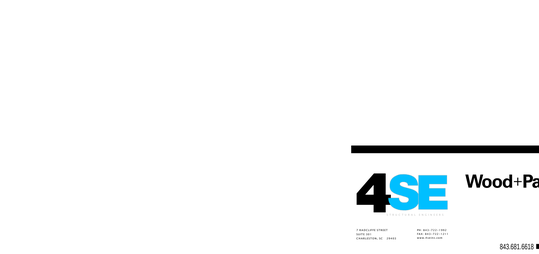
SECTION 1A — 1" = 1'-0" — S3.301 | S3.301

SECTION 5 — 1" = 1'-0" — S3.102 | S3.301

NOTE:
SECTION 6/S3.301, SHOWN.
AT SECTION 7/S3.301, 6 x 12 GIRDER IS CONTINUOUS OVER GLULAM COLUMN.

SECTION 6 — 1" = 1'-0" — S3.102 | S3.301

SECTION 7 — 1" = 1'-0" — S3.103 | S3.301



SECTION 8 — 1" = 1'-0" — S3.102 | S3.301

SECTION 5A — 1" = 1'-0" — S3.301 | S3.301

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: GOOGE
CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 DEREK WILLIAM USSERY
6-27-2016

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
LOW ROOF FRAMING DETAILS

4SE
3 MARGARETTA STREET SUITE 201 CHARLESTON, SC 29403
PH: 843.722.1382 FAX: 843.722.1411 www.4seinc.com

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PO Box 23949 ▮ Hilton Head Island, SC 29925
843.681.6618 ▮ Fax 843.681.7086 ▮ www.woodandpartners.com

SHEET NUMBER
S3.301

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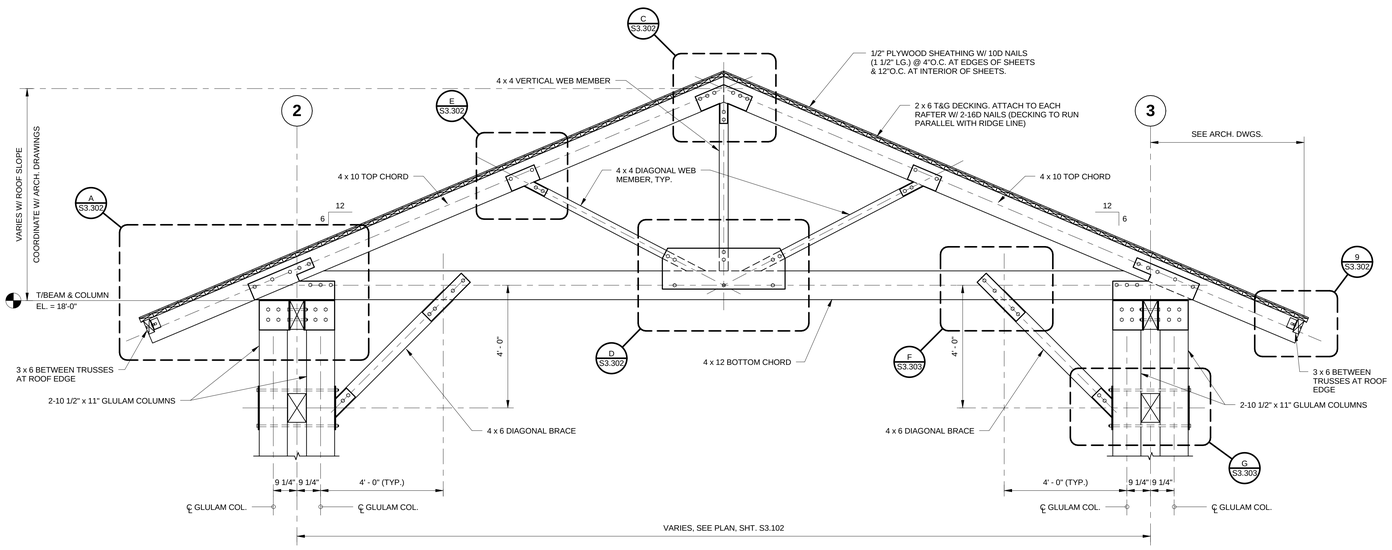
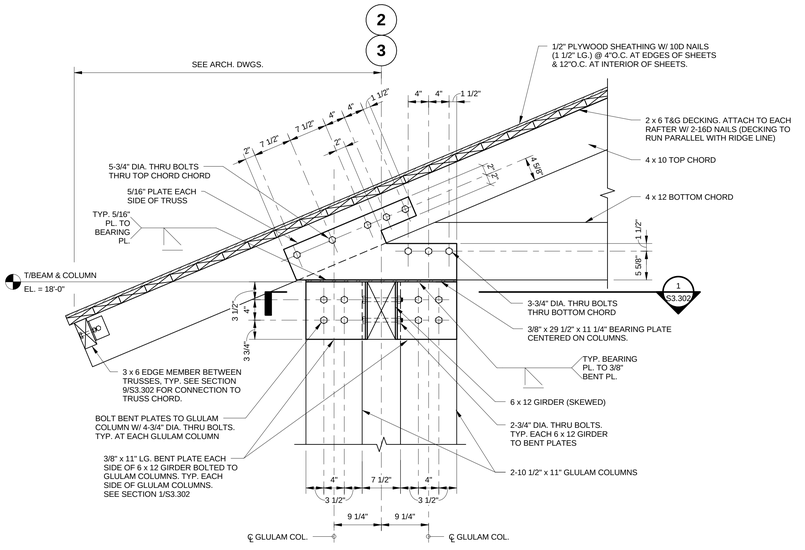


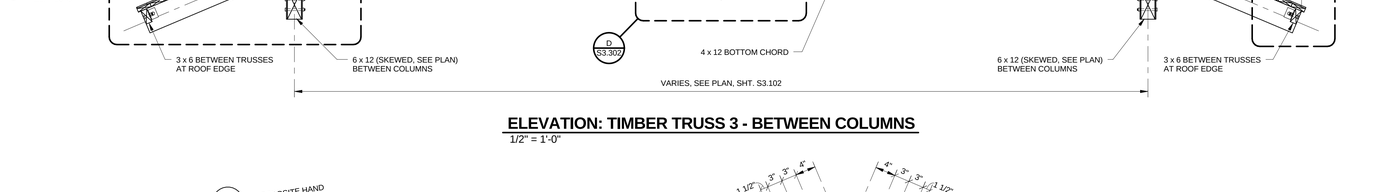
ELEVATION: TIMBER TRUSS 3 - AT COLUMNS

1/2" = 1'-0"



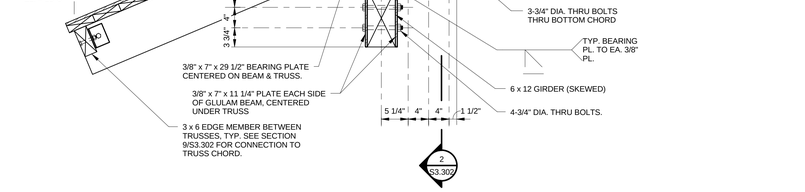
DETAIL A

1" = 1'-0" S3.302 | S3.302



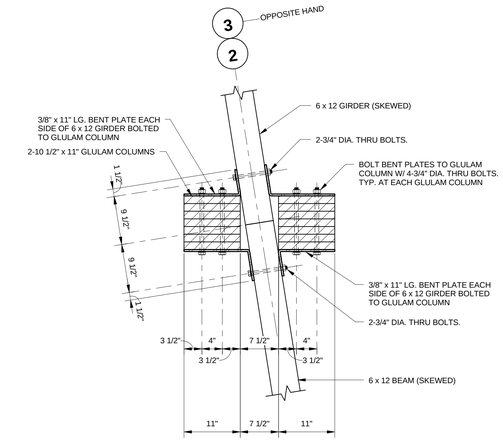
ELEVATION: TIMBER TRUSS 3 - BETWEEN COLUMNS

1/2" = 1'-0"



DETAIL B

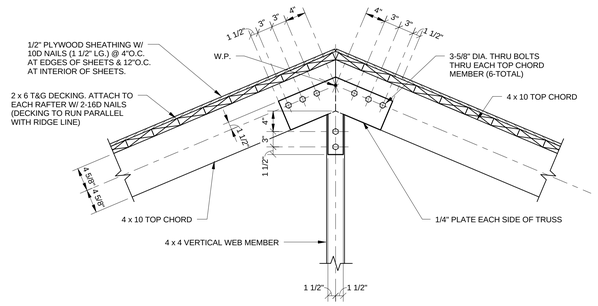
1" = 1'-0" S3.302 | S3.302



SECTION 1

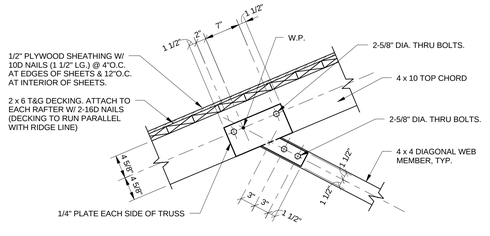
1" = 1'-0" S3.302 | S3.302

NOTE:
SECTION SHOWN IS TYPICAL AT COLUMNS, EXCEPT AT COLUMN LINES 'A' & 'G'. AT COLUMN LINES 'A' AND 'G', 6 x 12 GIRDER IS CONTINUOUS THRU COLUMN (NO JOINT AT COLUMN).



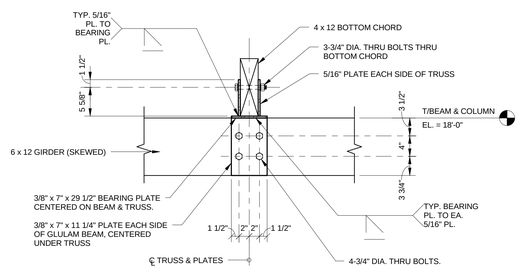
DETAIL C

1" = 1'-0" S3.302 | S3.302



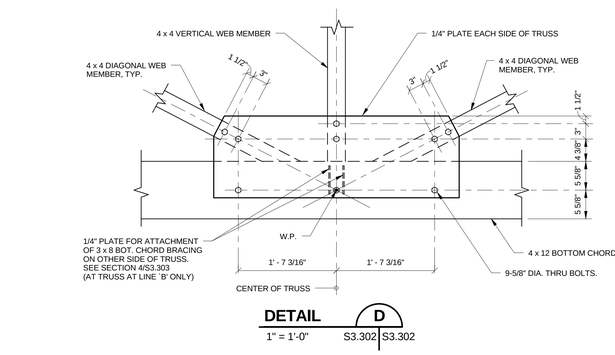
DETAIL E

1" = 1'-0" S3.302 | S3.302



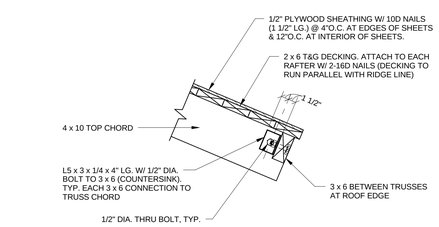
SECTION 2

1" = 1'-0" S3.302 | S3.302



DETAIL D

1" = 1'-0" S3.302 | S3.302



SECTION 9

1" = 1'-0" S3.102 | S3.302

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: GOOGE
CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 6-27-2016 DEAN WILLIAM USSERY

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
HIGH ROOF FRAMING DETAILS

4SE
7 RADCLIFFE STREET
CHARLESTON, SC 29403
PH 843.722.1992
FAX 843.722.1911
www.4se.com

Wood+Partners Inc. WPi
Landscape Architects
Land Planners
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843.681.6618 ▮ Fax 843.681.7068 ▮ www.woodandpartners.com

SHEET NUMBER
S3.302

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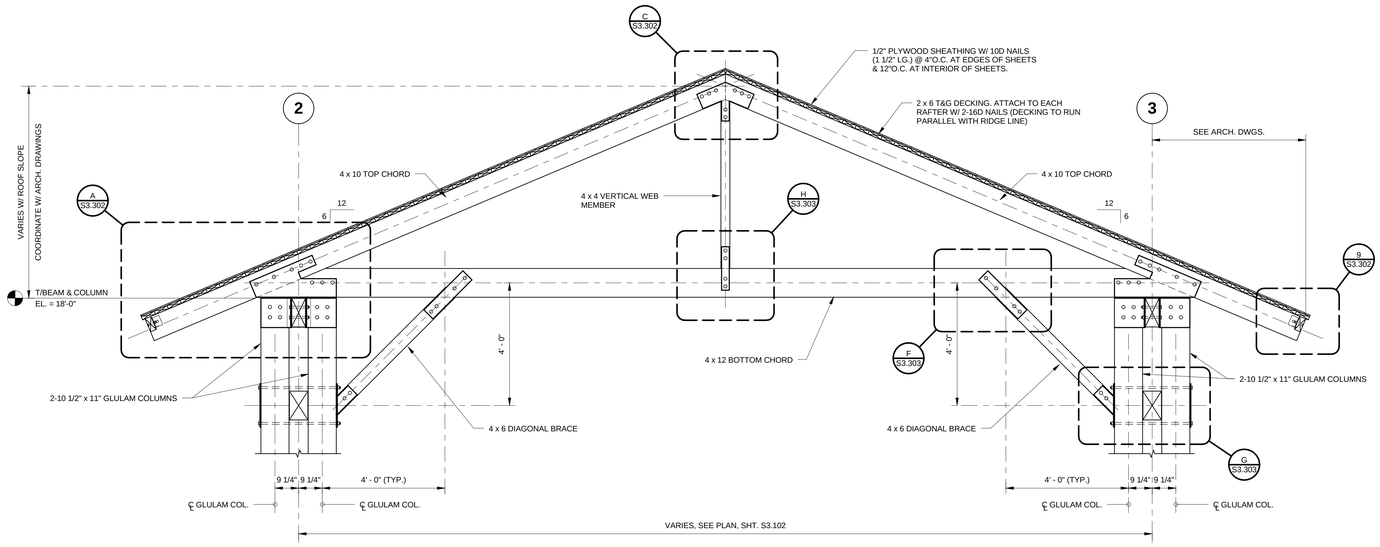
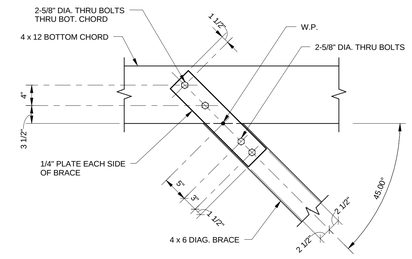


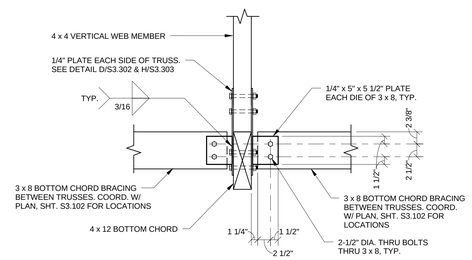
ELEVATION: TIMBER TRUSS 4 - AT COLUMNS

1/2" = 1'-0"



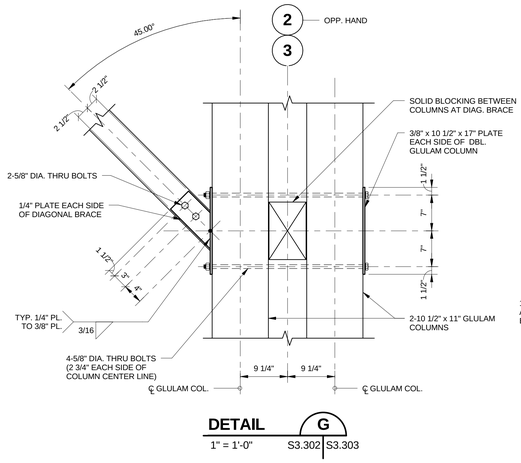
DETAIL F

1" = 1'-0" S3.302 | S3.303



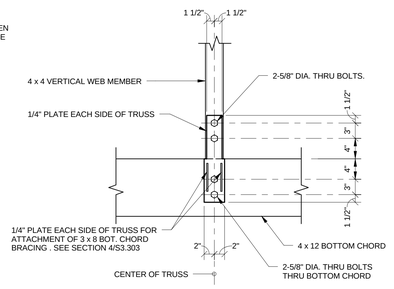
SECTION 10

1" = 1'-0" S3.102 | S3.303



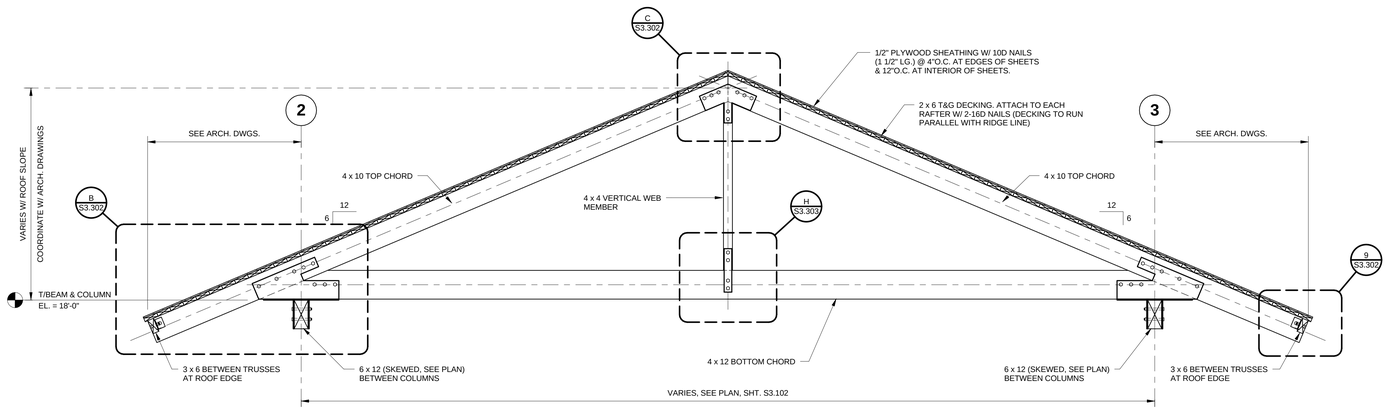
DETAIL G

1" = 1'-0" S3.302 | S3.303



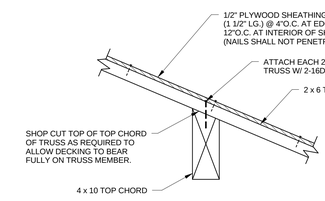
DETAIL H

1" = 1'-0" S3.303 | S3.303



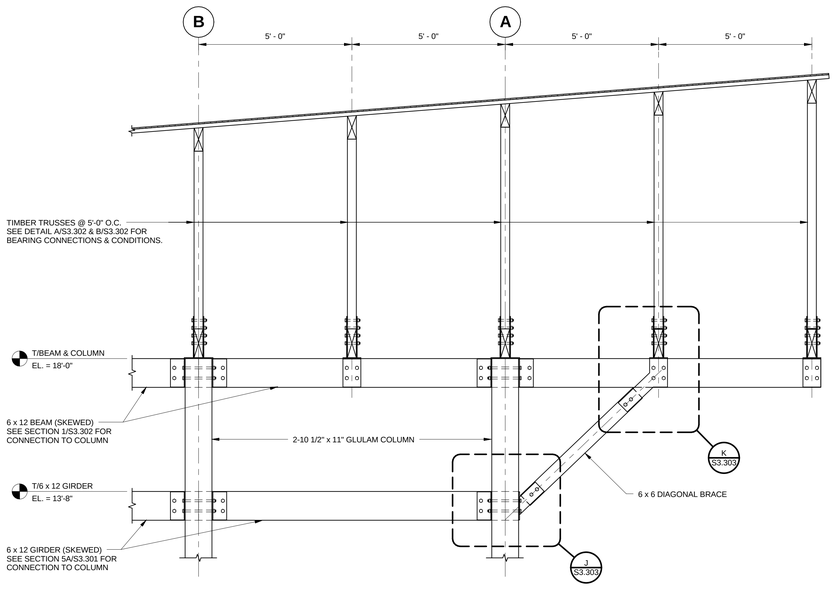
ELEVATION: TIMBER TRUSS 4 - BETWEEN COLUMNS

1/2" = 1'-0"



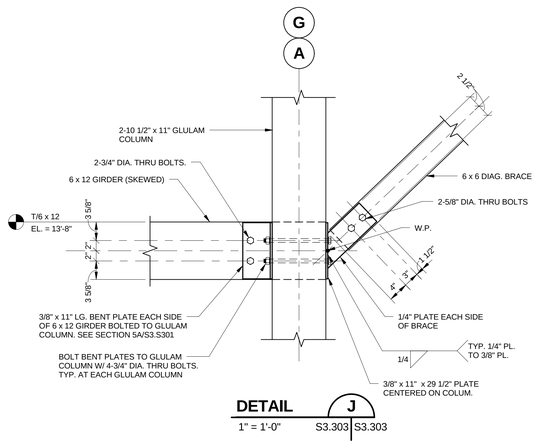
TYPICAL DECKING & ROOF PLYWOOD ATTACHMENT TO TRUSSES

1 1/2" = 1'-0"



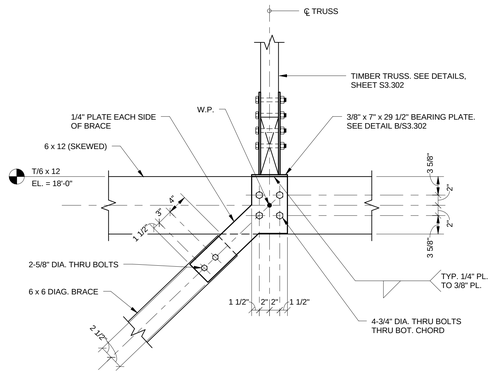
SECTION 11

1/2" = 1'-0" S3.102 | S3.303



DETAIL J

1" = 1'-0" S3.303 | S3.303



DETAIL K

1" = 1'-0" S3.303 | S3.303

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: GOOGE

CHECKED BY: USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7976 6-27-2016 DEAN WILLIAM USSERY

SOUTH CAROLINA 4SE, INC. No. C02576 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

SHEET TITLE
HIGH ROOF FRAMING DETAILS

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SHEET NUMBER
S3.303

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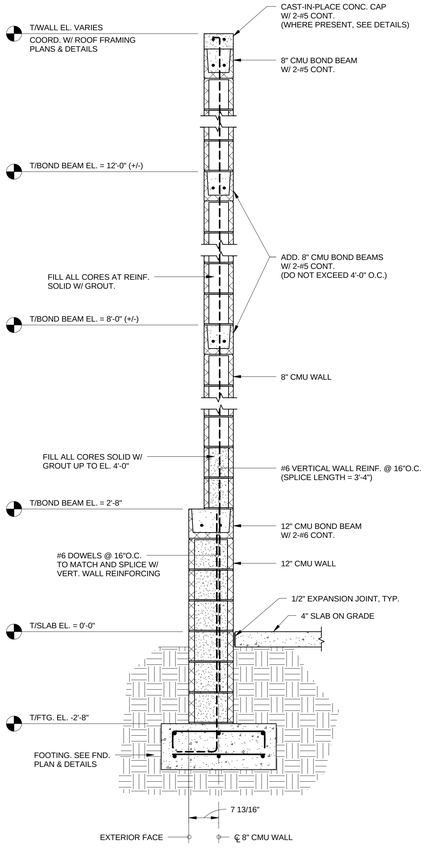
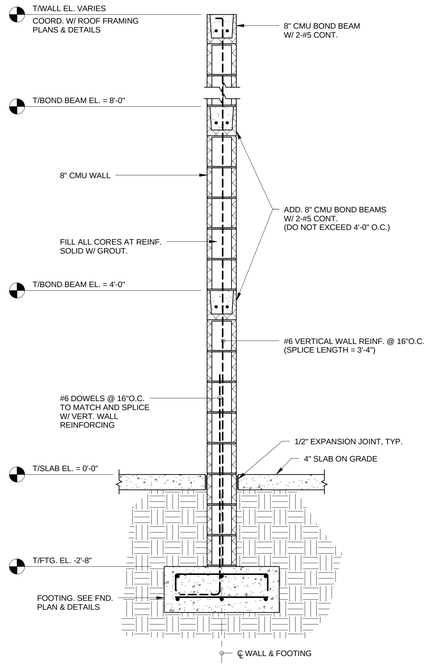


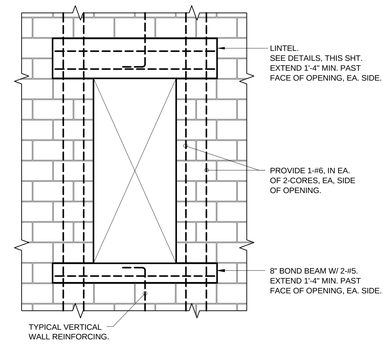
TYPICAL SECTION THRU EXTERIOR CMU WALL

3/4" = 1'-0"



TYPICAL SECTION THRU INTERIOR 8" CMU WALL

3/4" = 1'-0"



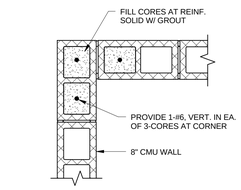
TYPICAL REINFORCING AROUND MASONRY OPENINGS

1" = 1'-0"

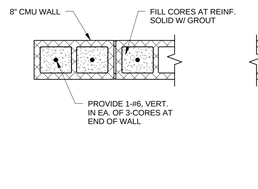
MASONRY WALL REINFORCING SCHEDULE

WALL TYPE	VERTICAL REINFORCING	NOTES
8" CMU	#6 @ 16"O.C.	-
12" CMU	#6 @ 16"O.C.	-

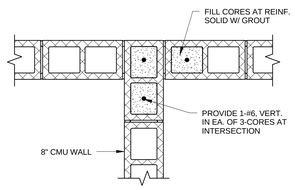
1. SEE WALL REINFORCING DETAILS, THIS SHEET, FOR ADDITIONAL VERTICAL REINFORCING AT WALL CORNERS, INTERSECTIONS, AND ENDS OF ALL WALLS.
2. SEE DETAIL, THIS SHEET, FOR REINFORCING AROUND ALL TYPICAL WALL OPENINGS (LINTEL, SILL, AND JAMB) UNLESS NOTED OTHERWISE.
3. PROVIDE STANDARD WEIGHT HORIZONTAL JOINT REINFORCING AT 16"O.C. VERTICALLY IN ALL WALLS UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. ALL REINFORCED MASONRY SHALL HAVE MIN. f'm = 1500 PSI. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
5. ALL VERTICAL #6 REINFORCING SHALL HAVE A MINIMUM SPLICE LENGTH OF 3'-0" AND SHALL TERMINATE IN UPPERMOST BOND BEAM WITH A STANDARD 90° HOOK.
6. ALL BOND BEAMS IN 12" CMU WALLS SHALL HAVE 2-#6, CONTINUOUS AND SHALL HAVE A MINIMUM SPLICE LENGTH OF 3'-4" AND SHALL BE MADE CONTINUOUS WITH CORNER SPLICE BARS. ALL BOND BEAMS IN 8" CMU WALLS SHALL HAVE 2-#5, CONTINUOUS AND SHALL HAVE A MINIMUM SPLICE LENGTH OF 2'-6" AND SHALL BE MADE CONTINUOUS WITH CORNER SPLICE BARS. . ADDED BOND BEAMS SHALL BE SPACED AT 4'-0"O.C.(±)
7. GROUT FOR FILLED CORES, BOND BEAMS AND LINTELS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. MORTAR SHALL NOT BE USED AS A SUBSTITUTE FOR GROUT.
8. MASONRY CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF ACI530.
9. MORTAR SHALL BE TYPE S AND SHALL BE MADE USING MORTAR CEMENT OR PORTLAND CEMENT/ LIME MIX. MASONRY CEMENT SHALL NOT BE USED FOR REINFORCED MASONRY CONSTRUCTION.
10. SEE ARCHITECTURAL DRAWINGS FOR VERTICAL CONTROL JOINT LOCATIONS AND ALL DETAILS. PROVIDE CONTROL JOINTS IN ALL WALLS AT A SPACING NOT TO EXCEED 30'-0"O.C. CONTROL JOINTS SHALL BE LOCATED NO CLOSER THAN 16" TO THE JAMB OF ANY OPENING TO AVOID INTERFERENCE WITH "TYPICAL REINFORCING AROUND MASONRY OPENING" DETAIL THIS SHEET.
11. INTERIOR NON-STRUCTURAL 6" CMU WALLS SHALL BE PROVIDED WITH BOND BEAMS WITH 1-#5 CONTINUOUS HORIZONTAL BAR@ 4'-0"O.C. VERTICALLY. PROVIDE 2-#5 CONTINUOUS BARS IN BOND BEAMS AT TOP OF WALLS AND 1-#5 CONTINUOUS IN OTHER BOND BEAMS.
12. VERTICAL REINFORCING IN SINGLE REINFORCED WALLS, SHALL BE CENTERED IN THE WALL. REINFORCING BAR POSITIONERS SHALL BE USED IN ALL WALLS TO ENSURE THAT VERTICAL REINFORCING IS LOCATED AS REQUIRED IN ALL WALLS.



AT CORNERS



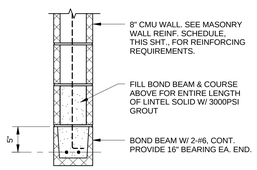
AT WALL ENDS



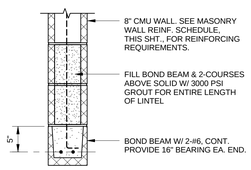
AT INTERSECTIONS

SPECIAL MASONRY REINFORCING DETAILS - 8" CMU

1" = 1'-0"



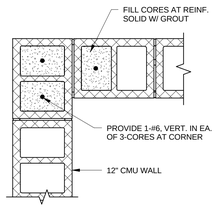
SPANS UP TO 3'-4"



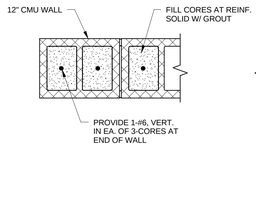
SPANS BETWEEN 3'-4" AND 6'-8"

8" CMU LINTEL DETAILS

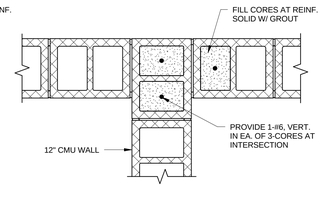
1" = 1'-0"



AT CORNERS



AT WALL ENDS



AT INTERSECTIONS

SPECIAL MASONRY REINFORCING DETAILS - 12" CMU

1" = 1'-0"

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
GOOGE

CHECKED BY:
USSERY

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PROFESSIONAL STAMPS:

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PROFESSIONAL ENGINEER
No. 7976
6-27-2016
DEREK WILLIAM USSERY

SOUTH CAROLINA
4SE, INC.
No. C02576
CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

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6-30-2016
PROJECT NUMBER
01-16002
SHEET TITLE
MASONRY
DETAILS

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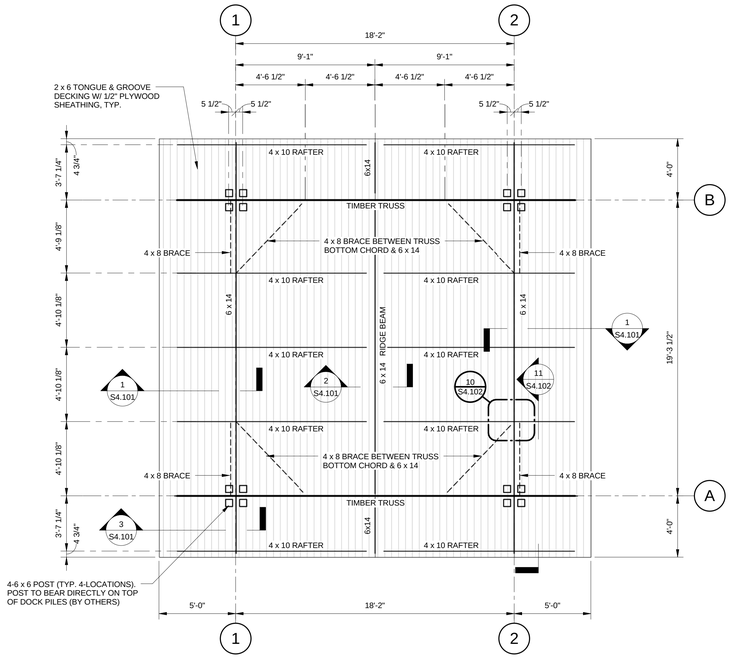
SHEET
NUMBER
S3.401

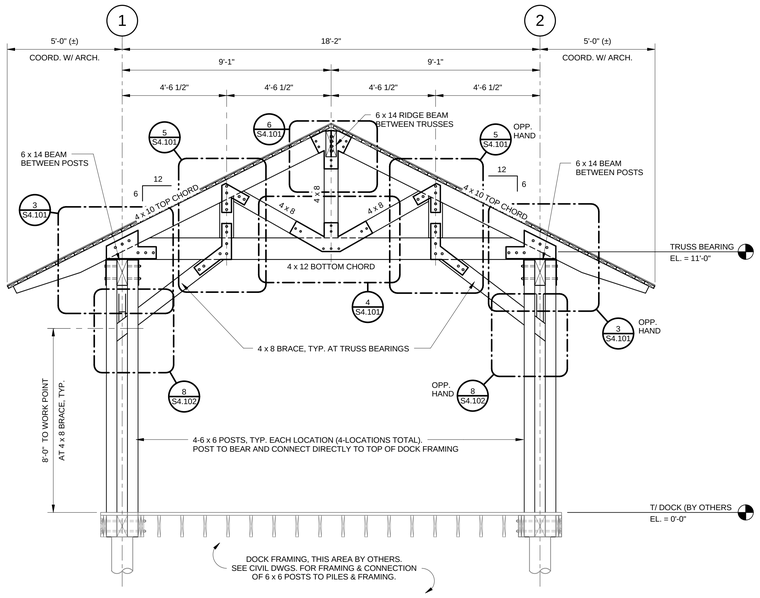
S:\Index Active\2015\15-106 Coligney Development Phase 2\Drawings\Coligney - Pavilion_Structural_Rev 15.rvt



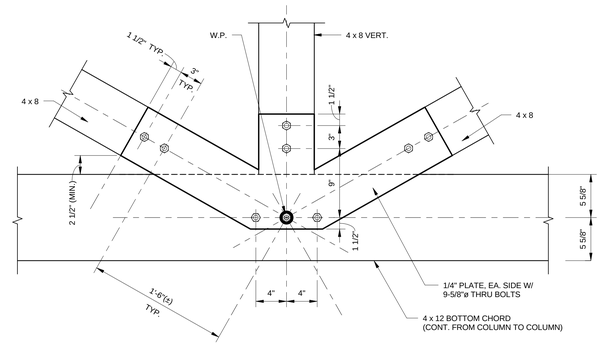
POND PAVILION - ROOF FRAMING PLAN
1/4" = 1'-0"

NOTES:

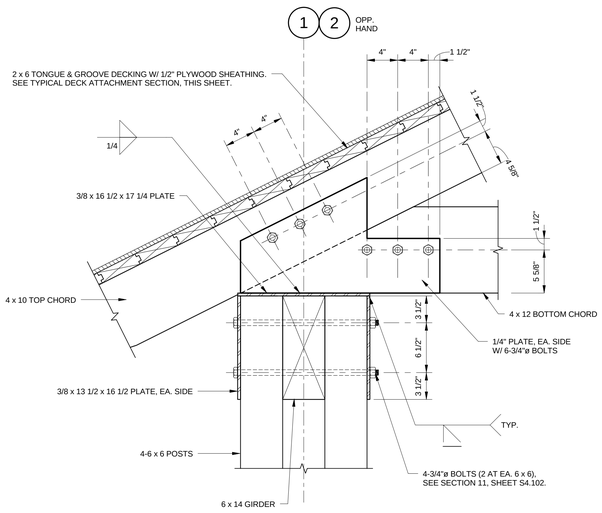
1. TRUSSES SHALL BE MADE WITH 4 x 10 TOP CHORDS, 4 x 12 BOTTOM CHORDS, & 4 x 8 WEB MEMBERS
2. ALL TRUSS CONNECTIONS TO BE MADE WITH STAINLESS STEEL SIDE PLATES & STAINLESS STEEL THROUGH BOLTS.
3. ALL TRUSS TO COLUMN, AND BEAM TO COLUMN CONNECTIONS TO BE MADE WITH STAINLESS STEEL ANGLES AND PLATES & THROUGH BOLTS. SEE DETAILS.
4. ALL RAFTER TO BEAM CONNECTIONS TO MADE WITH STAINLESS STEEL ANGLES AND PLATES & THROUGH BOLTS OR LAG SCREWS. SEE DETAILS.



TRUSS ELEVATION
3/8" = 1'-0"



SECTION 4
1 1/2" = 1'-0" S4.101 | S4.101



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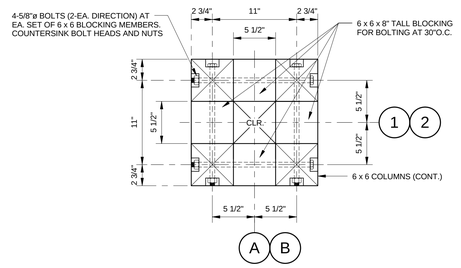
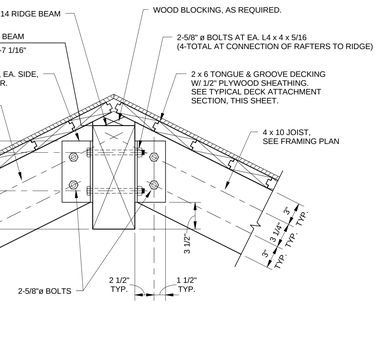
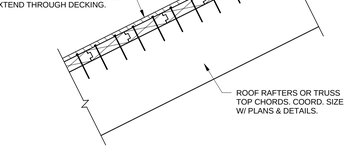


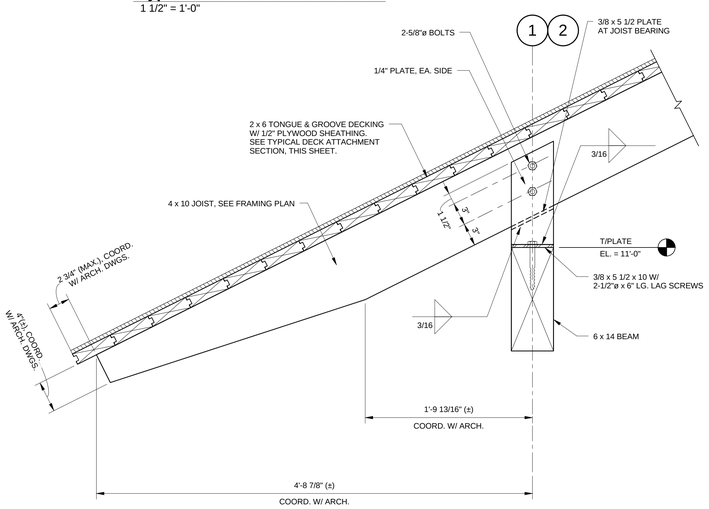
TYP. SECTION AT 4-6 x 6 POST
1 1/2" = 1'-0"



SECTION 2
1 1/2" = 1'-0" S4.101 | S4.101



Typical Deck Attachment Section
1 1/2" = 1'-0"



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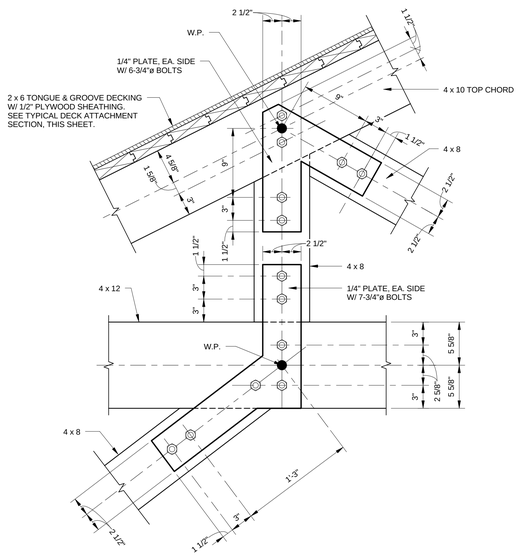
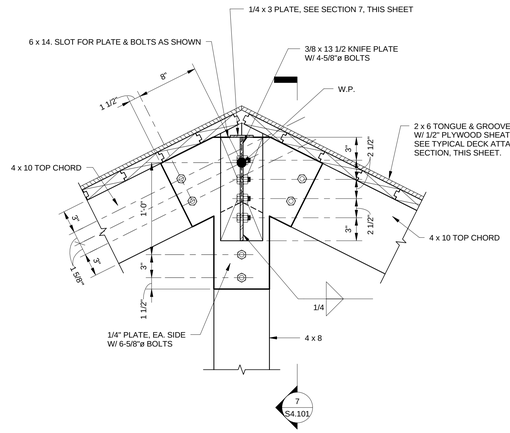
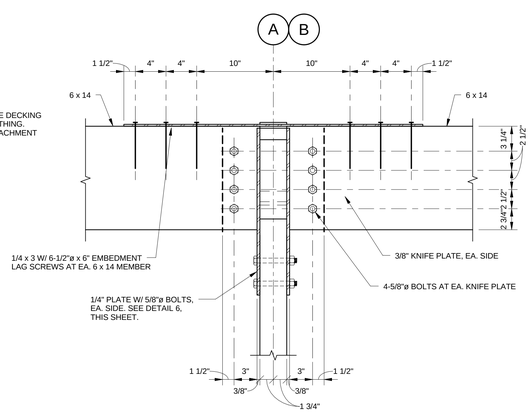


DETAIL 5
1 1/2" = 1'-0" S4.101 | S4.101



DETAIL 6
1 1/2" = 1'-0" S4.101 | S4.101



SECTION 7
1 1/2" = 1'-0" S4.101 | S4.101

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MORRISON
CHECKED BY: USSERY

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SOUTH CAROLINA PROFESSIONAL ENGINEER No. 7978 DEAN WILLIAM USSERY 6-27-2016

SOUTH CAROLINA 4SE, INC. No. C02578 CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
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PROJECT NUMBER
01-16002
SHEET TITLE
ROOF FRAMING PLAN & DETAILS

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SHEET NUMBER
S4.101

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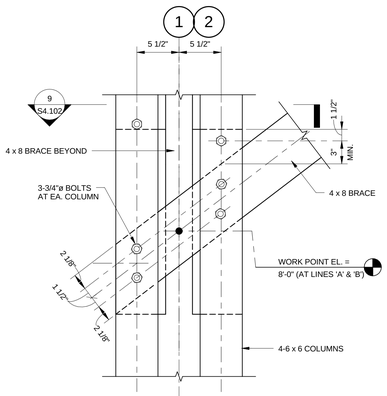
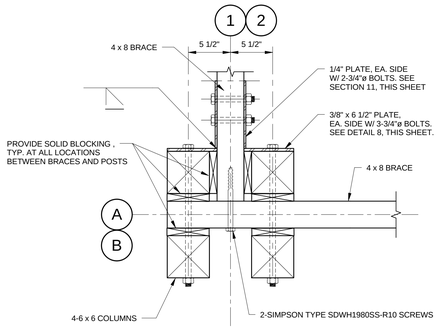
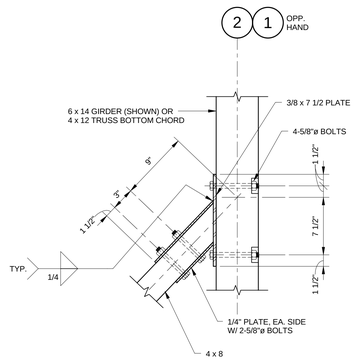


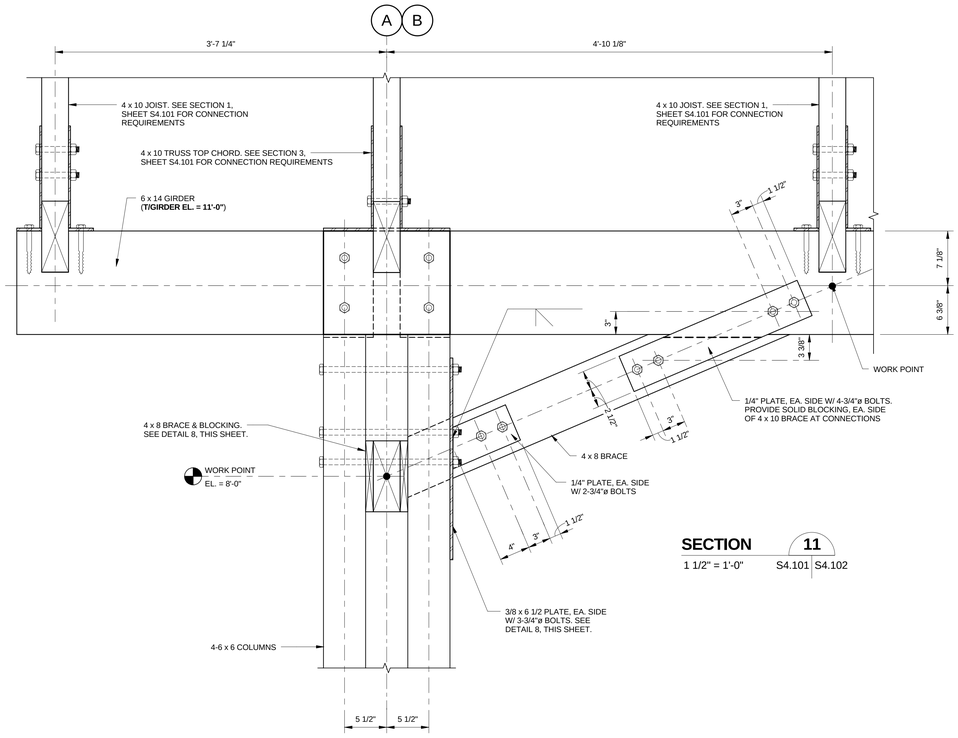
DETAIL 8
1 1/2" = 1'-0" S4.101 | S4.102



SECTION 9
1 1/2" = 1'-0" S4.102 | S4.102



DETAIL 10
1 1/2" = 1'-0" S4.101 | S4.102



SECTION 11
1 1/2" = 1'-0" S4.101 | S4.102

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MORRISON

CHECKED BY:
USSERY

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PROFESSIONAL STAMPS:

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 7978
6-27-2016
DEAN WILLIAM USSERY

SOUTH CAROLINA
4SE, INC.
No. C02576
CERTIFICATE OF AUTHORIZATION

#	REVISION	DATE	BY

DATE
6-30-2016

PROJECT NUMBER
01-16002

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SHEET NUMBER
S4.102

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GENERAL ELECTRICAL NOTES

1. BRANCH CIRCUIT WIRING SHALL BE NO. 12 AWG UNLESS NOTED OTHERWISE. WHERE CONDUCTOR AND RACEWAY SIZE ARE SHOWN AT HOMERUN, SUCH SIZE SHALL BE USED FOR THE ENTIRE CIRCUIT. EXCEPTION: FINAL CONNECTION TO DEVICES, IN OUTLET BOXES, IS NOT REQUIRED TO BE LARGER THAN NO. 12 AWG. BRANCH CIRCUITS OVER 100' SHALL BE NO. 10 AWG.
2. PRIOR TO ROUGH-IN, COORDINATE THE LOCATION AND MOUNTING HEIGHT OF ALL WALL MOUNTED DEVICES WITH THE ARCHITECTURAL INTERIOR ELEVATIONS, MILLWORK SHOP DRAWINGS, AND EXISTING CONDITIONS. IN THE EVENT OF A CONFLICT, NOTIFY THE ARCHITECT. MINOR ADJUSTMENTS IN DEVICE LOCATION, I.E. 5'-0" IN ANY DIRECTION SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
3. COORDINATE THE LOCATION OF ALL FLOOR-MOUNTED OUTLETS WITH THE ARCHITECT PRIOR TO ROUGH-IN.
4. WHERE DEVICES ARE REQUIRED TO BE IDENTIFIED, PROVIDE ENGRAVED PLATE USING 1/8" HIGH BLACK LETTERS.
5. OUTLET BOXES FOR SWITCHES, RECEPTACLES, ETC MOUNTED ON OPPOSITE SIDES OF FIRE RATED PARTITIONS SHALL NOT BE MOUNTED IN THE SAME WALL CAVITY. SEPARATE WALL PENETRATIONS BY MOUNTING ON OPPOSITE SIDES OF WALL STUDS OR OTHER VERTICAL STRUCTURAL MEMBER IN THE WALL.
6. INSTALL SURFACE METAL RACEWAY SO AS TO MINIMIZE THE NUMBER OF VERTICAL RUNS. CONCEAL RACEWAY ABOVE LAY-IN CEILING AND IN NEW WALLS TO THE GREATEST EXTENT POSSIBLE.
7. RACEWAYS SHALL BE INSTALLED CONCEALED IN NEW WALL CONSTRUCTION ABOVE CEILINGS, BELOW FLOOR, AND IN OTHER CAVITIES TO THE GREATEST EXTENT POSSIBLE. WHERE EXPOSED RACEWAYS MUST BE USED, LAYOUT RACEWAYS TO MINIMIZE THE NUMBER OF VERTICAL RUNS.
8. FEEDER CONDUITS AND BRANCH CIRCUITS SHALL COMPLY WITH DETAILS ON DRAWINGS AND SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES BEFORE AND DURING CONSTRUCTION.
9. WHERE LIGHT SWITCH AND ABOVE COUNTER RECEPTACLES ARE INDICATED TO BE MOUNTED ADJACENT TO EACH OTHER, THE DEVICES SHALL BE MOUNTED AT THE SAME HEIGHT UNDER A COMMON DEVICE PLATE. IN THE CASE WHERE THE VOLTAGES ARE DIFFERENT, THEY SHALL BE MOUNTED IN DIFFERENT OUTLET BOXES.
10. THE ARRANGEMENT, GROUPING, AND ROUTING OF BRANCH CIRCUITS SHALL BE PROVIDED AT THE CONTRACTOR'S DISCRETION IN ACCORDANCE WITH GENERALLY ACCEPTED PRACTICE FOR ELECTRICAL WORK, THE NATIONAL ELECTRICAL CODE REQUIREMENTS, AND LOCAL ORDINANCES.
11. A COMMON NEUTRAL MAY BE UTILIZED FOR SITE POWER/LIGHTING CIRCUITS ONLY. THE COMMON NEUTRAL SHALL BE INSTALLED IN A HOMERUN FOR 2 OR 3 BRANCH CIRCUITS ONLY IF A MEANS TO SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUITS ORIGINATE IS PROVIDED PER ARTICLE 210.4(B) OF THE NATIONAL ELECTRICAL CODE.
12. MULTIPLE SINGLE-POLE BRANCH CIRCUITS (UP TO 3 HOTS, 3 NEUTRALS, 1 GROUND) RATED FOR 30-AMPS OR LESS MAY BE PULLED INTO A SINGLE RACEWAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING THE RACEWAYS AND DERATING CONDUCTORS PER NEC ARTICLE 310.15.
13. A GROUND CONDUCTOR SHALL BE PROVIDED IN ALL RACEWAYS UNLESS NOTED OTHERWISE.
14. SEE THE ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS OF FIRE RATED WALLS.
15. THE USE OF MC CABLE IS ALLOWED ONLY WHERE SPECIFICALLY NOTED ON DRAWINGS. MC CABLE IN EXTERIOR APPLICATIONS SHALL HAVE CORROSION RESISTANT JACKET.
16. COORDINATE THE ROUTING OF UNDERGROUND CONDUCTORS/CONDUIT WITH STRUCTURAL FOOTINGS OF BUILDING.
17. WHERE FLOOR MOUNTED RECEPTACLES/DEVICES ARE GROUPED, PROVIDE DEVICES GROUPED IN ONE FLOOR BOX.
18. PROVIDE EXPANSION JOINT COUPLINGS ANYWHERE A CONDUIT PASSES THROUGH A BUILDING EXPANSION JOINT.
19. OUTLET BOXES SHALL BE EXTRA DEEP. BOX DEPTH SHALL BE WALL THICKNESS IF POSSIBLE. INDUSTRY STANDARDS SHALL BE USED IF WALL THICKNESS DEPTH IS NOT POSSIBLE
20. ALL FLOOR BOXES SHALL BE INSTALLED TO MAINTAIN THE FIRE RATING OF THE FLOOR. COORDINATE CORE DRILLING HOLES IN FLOOR WITH STRUCTURAL ENGINEER.
21. PROVIDE FLEXIBLE CONDUIT FOR ALL CONDUITS CROSSING EXPANSION JOINTS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF EXPANSION JOINTS.
22. AREAS OF WORK EXIST FOR THIS PROJECT WHICH WERE NOT ACCESSIBLE OR LIMITED ACCESS DURING DESIGN. AS SUCH, CONTRACTOR SHALL VERIFY ALL UTILITIES IN AREA OF WORK BEFORE DEMOLITION OF ANY SERVICE. ANY ELECTRICAL COMPONENTS NOT SHOWN SHALL BE IDENTIFIED AND THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED AS SOON AS POSSIBLE. NO ELECTRICAL REWORK SHALL BE COMMENCED WITHOUT COORDINATION OF BOTH ARCHITECT AND ENGINEER.
23. WHERE INFORMATION SHOWN ON THESE DRAWINGS CONFLICTS WITH VERIFIED FIELD CONDITIONS, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER
24. WHEREVER ON THE ELECTRICAL DRAWINGS THE WORD "PROVIDE" IS USED, IT SHALL BE INFERRED TO MEAN "FURNISH AND INSTALL."

GENERAL POWER NOTES

1. PROVIDE UTILITY TRANSFORMER PAD IN ACCORDANCE WITH UTILITY REQUIREMENTS. COORDINATE THE EXACT LOCATION OF THE PAD-MOUNTED TRANSFORMER AND UTILITY SERVICE POINT IN THE FIELD WITH THE UTILITY COMPANY. COORDINATE WITH UTILITY COMPANY TO PROVIDE METER ON SERVICE. METER SHALL BE LOCATED AS PER UTILITY COMPANY REQUIREMENTS. ALL COSTS ASSOCIATED WITH THE PAD, PRIMARY CONDUIT, METER AND PERMITTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE GROUND ROD CLUSTER FOR THE SERVICE GROUND SHALL CONSIST OF THREE 3/4" X 10'-0" COPPER CLAD STEEL GROUND RODS. THEY SHALL BE DRIVEN IN A TRIANGULAR CONFIGURATION APPROXIMATELY 10' APART AND INTER-CONNECTED IN DELTA WITH A NO.4/0 BARE COPPER CONDUCTOR. TOPS OF THE RODS SHALL BE 12" BFG. CONNECTION TO THE RODS SHALL BE WITH EXOTHERMIC WELDS.
3. ALL BRANCH CIRCUITS INDICATED ON THESE PLANS TO BE LARGER THAN NO. 12 AWG SHALL BE SIZED AS INDICATED FOR THE ENTIRE
4. WHEN A RECEPTACLE IS INDICATED TO BE MOUNTED ADJACENT TO A COMPUTER/TELEPHONE/ TELEVISION OUTLET, THE DEVICE(S) SHALL BE MOUNTED WITHIN 6" CENTER-TO-CENTER.
5. STUB OUT AND CAP (2) 4-INCH SPARE CONDUITS FROM THE MAIN SERVICE PANEL TO 5'-0" BEYOND BUILDING SLAB.
6. STUB-UP (6) 3/4-INCH SPARE CONDUITS FROM EACH FLUSH MOUNTED PANELBOARD TO ABOVE FINISHED CEILING.
7. PROVIDE & INSTALL AN ENGRAVED LAMINATED PLASTIC NAMEPLATE ON EACH ITEM OF MECHANICAL AND ELECTRICAL EQUIPMENT, TO INDICATE THE DESIGNATION OF THE UNIT ON THE PLANS & THE BRANCH CIRCUIT SERVING THE EQUIPMENT.

SEISMIC REQUIREMENTS FOR ELECTRICAL SYSTEMS

PER IBC-2012/ASCE 7-10

A. EQUIPMENT, APPLIANCES AND SUPPORTS (INCLUDING ROOF CURBS & ROOF RAILS) EXPOSED TO WIND SHALL BE DESIGNED AND INSTALLED TO RESIST THE WIND PRESSURES DETERMINED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. WHERE SEISMIC RESTRAINT IS REQUIRED, THE MORE DEMANDING FORCE OF WIND AND SEISMIC MUST BE USED. SEE SEISMIC INFORMATION CONTAINED IN THE STRUCTURAL DRAWINGS FOR SITE SPECIFIC INFORMATION ON SEISMIC DESIGN CATEGORY.SEE EQUIPMENT SCHEDULES AND DETAILS FOR SPECIFIC COMPONENT IMPORTANCE FACTOR DESIGNATIONS.
B. USE APPLICABLE TABLE BELOW TO DETERMINE SEISMIC RESTRAINT REQUIREMENTS FOR EACH MECHANICAL COMPONENT.
C. FOR ALL COMPONENTS REQUIRING SEISMIC RESTRAINT, THE COMPONENT SUPPORTS AND ATTACHMENTS SHALL BE DESIGNED BY A REGISTERED DESIGN PROFESSIONAL. SUBMITTALS MUST INCLUDE STAMPED AND SIGNED DRAWINGS AND CALCULATIONS.
D. WHERE SEISMIC RESTRAINT IS REQUIRED, HOUSEKEEPING PADS NEEDED FOR THE INSTALLATION OF EQUIPMENT UNDER THIS CONTRACT MUST BE DESIGNED BY THE SEISMIC ENGINEER. DO NOT POUR ANY HOUSEKEEPING PADS PRIOR TO THE RECEIPT OF THE SEISMIC SUBMITTAL.
E. SEISMIC RESTRAINTS FOR CONDUIT, CABLE TRAY, AND BUS DUCT MUST BE SHOWN ON LAYOUT DRAWINGS SHOWING SPECIFIC RESTRAINT LOCATIONS ALONG WITH ACCOMPANYING DETAILS AND CALCULATIONS.
F. REFER TO ASCE 7-10 FOR SEISMIC INSTALLATION GUIDELINES.

ELECTRICAL COMPONENT IMPORTANCE FACTOR (Ip) DESIGNATION

Ip = 1.0	Ip = 1.5
• ALL ASSOCIATED ELECTRICAL WORK UNLESS NOTED OTHERWISE.	• EMERGENCY LIGHTS • EXIT LIGHTS

SEISMIC DESIGN CATEGORIES D,E,F

	COMPONENT IMPORTANCE FACTOR (Ip)			
	1.0		1.5	
COMPONENT IDENTIFICATION	SEISMIC RESTRAINT REQUIREMENT	NOTES	SEISMIC RESTRAINT REQUIREMENT	NOTES
ROOF MOUNTED	RESTRAIN ALL	1	RESTRAIN ALL	-
FLOOR MOUNTED	RESTRAIN ALL	1,2	RESTRAIN ALL	-
WALL MOUNTED	RESTRAIN ALL	1,2	RESTRAIN ALL	-
COMPONENT SUPPORTS	RESTRAIN ALL	1,2	RESTRAIN ALL	-
SUSPENDED EQUIPMENT	RESTRAIN ALL	1	RESTRAIN ALL	-
SINGLE CONDUIT	>3"	3,4	>1"	3,4
CABLE TRAY/BUS DUCT TRAPEZED CONDUIT	RESTRAIN IF ANY CONDUIT ON TRAPEZE > 3" RESTRAIN IF TOTAL WEIGHT OF SUSPENDED COMPONENT > 10 LBS/FT	4	RESTRAIN IF ANY CONDUIT ON TRAPEZE > 1" RESTRAIN IF TOTAL WEIGHT OF SUPPORTED COMPONENT > 10 LBS/FT	4
COMPONENT CERTIFICATION (SEE NOTE 5)	NOT REQUIRED	-	REQUIRED	-
PENDANT, LAY-IN, & CAN LIGHTS	REQUIRED	-	REQUIRED	6

NOTES:
1. EQUIPMENT 20 LBS. OR LESS IS EXEMPT IF FLEXIBLE CONNECTIONS ARE PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.
2. RESTRAINTS ARE NOT REQUIRED IF THE COMPONENT WEIGHS 400 LBS. OR LESS, IS MOUNTED AT 4 FT. OR LESS ABOVE A FLOOR, AND HAS FLEXIBLE CONNECTIONS BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.
3. ALL NON-DUCTILE PIPING (IE - PLASTIC) MUST BE RESTRAINED.
4. RESTRAINT IS NOT REQUIRED IF SUSPENDED 12" OR LESS FROM THE STRUCTURE AND THE HANGERS ARE DETAILED TO AVOID SIGNIFICANT BENDING OF THE HANGERS AND THEIR ATTACHMENTS AND PROVISIONS ARE MADE FOR PIPING TO ACCOMMODATE EXPECTED DEFLECTIONS.
5. COMPONENT CERTIFICATION MUST BE SUPPLIED BY THE EQUIPMENT MANUFACTURER AT TIME OF SUBMITTAL FOR REVIEW BY ENGINEER OF RECORD.
6. THE RESTRAINT OF PENDANT, LAY-IN, & CAN LIGHTS IS GOVERNED BY "CISCA-04 FOR SEISMIC ZONES" (CEILINGS AND INTERIOR SYSTEMS CONSTRUCTION ASSOCIATION).

GENERAL LIGHTING NOTES

1. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE EXACT LOCATION OF ALL CEILING MOUNTED LIGHTING FIXTURES.
2. EXACT LOCATIONS OF LIGHTING FIXTURES IN MECHANICAL SPACES SHALL BE DETERMINED IN THE FIELD. DO NOT SUPPORT FIXTURES FROM DUCT OR PIPING. PROVIDE CHAIN OR TRAPEZE-TYPE HANGERS WHERE FIXTURES CAN NOT BE MOUNTED DIRECTLY TO CEILING.
3. LIGHTING FIXTURE CATALOG NUMBERS ARE INDICATIVE OF THE STYLE OF FIXTURE REQUIRED. CONTRACTOR SHALL PROVIDE FIXTURES WITH THE PROPER TRIM, VOLTAGE AND OPTIONS NECESSARY FOR INSTALLATION.
4. DOUBLE-FACED EXIT FIXTURES SHALL BE OF THE SAME MANUFACTURER & SERIES AS THE SINGLE TYPE SPECIFIED.
5. REGARDLESS OF CATALOG NUMBER INDICATED IN SCHEDULE, PROVIDE BATTERY PACKS FOR ALL FIXTURES INDICATED ON THE DRAWINGS TO BE EMERGENCY TYPE.
6. REGARDLESS OF HOW NOTED ON PLANS, ALL EMERGENCY LIGHTING FIXTURES INDICATED IN PRIVATE SPACES SHALL BE WIRED SO AS TO BE SWITCHED "ON/OFF" WITHOUT OPERATING THE EMERGENCY BALLAST. ALL EMERGENCY LIGHTING FIXTURES INDICATED IN PUBLIC SPACES OR MEANS OF EGRESS (CORRIDORS, LOBBIES, BATHROOMS, AUDITORIUMS, STAIRWELLS, ETC.) SHALL BE WIRED AHEAD OF LOCAL SWITCH AS A NIGHT LIGHT AND SHALL NOT BE SWITCHED. EMERGENCY BALLAST SHALL NOT BE ACTIVATED UNLESS A LOSS OF NORMAL BUILDING POWER OCCURS.
7. REGARDLESS OF CATALOG NUMBER INDICATED IN SCHEDULE, ALL EXIT SIGNS SHALL BE PROVIDED WITH A BATTERY PACK, SHALL BE WIRED AHEAD OF LOCAL SWITCH AND SHALL NOT BE SWITCHED.
8. REGARDLESS OF CATEGORY NUMBER, ALL EM FIXTURES SHALL BE PROVIDED MEANS OF BACKUP POWER
9. WHERE LIGHT SWITCH AND ABOVE COUNTER RECEPTACLES ARE INDICATED TO BE MOUNTED ADJACENT TO EACH OTHER, THE DEVICES SHALL BE MOUNTED AT THE SAME HEIGHT UNDER A COMMON DEVICE PLATE. EXCEPT IN THE CASE WHERE THE VOLTAGES ARE DIFFERENT, THEY SHALL BE MOUNTED IN DIFFERENT OUTLET BOXES.
10. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING DETAILS OF LIGHT FIXTURE TO ACOUSTICAL CEILING SYSTEM AND STRUCTURE.
11. ALL EXIT SIGNS SHALL BE CONNECTED TO LOCAL LIFE SAFETY LIGHTING CIRCUIT AHEAD OF ALL SWITCHING.
12. SWITCHING FOR EMERGENCY LIGHT FIXTURES SHALL BE PROVIDED WITH A "RED" COLORED SWITCH.

GENERAL SIGNAL NOTES

1. PROVIDE CONDUIT FOR HVAC CONTROL CIRCUITS AS REQUIRED TO INTER-CONNECT HVAC UNIT TO CONTROL CIRCUITS. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR AND CONTROLS PROVIDER TO DETERMINE SCOPE OF CONDUITS REQUIRED FOR HVAC CONTROLS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED CONDUIT. COORDINATE POINTS OF CONNECTION WITH DIVISION 23. PROVIDE PULL CORD IN ALL EMPTY CONDUITS. SEE MECHANICAL PLANS FOR EXACT LOCATIONS OF ALL HVAC EQUIPMENT (AHU, HP, CU, RTU, DUCT SMOKE DETECTORS, VAV, FCU, THERMOSTATS, ETC).
3. COMMUNICATION BACKBOARD (CBB) SHALL BE 8'H X 4'L X 3/4"D PLYWOOD WITH THE BOTTOM AT 6" AFF. EXTEND A NO. 6 BARE COPPER GROUNDING CONDUCTOR FROM THE ELECTRICAL SERVICE GROUND TO THE BACKBOARD AND LEAVE WITH SUFFICIENT SLACK TO REACH ANY PLACE THEREON. COAT BACKBOARD WITH A MINIMUM OF TWO COATS FIRE RETARDANT PAINT.
4. EXTEND A 1" CONDUIT WITH PULL WIRE FROM EACH COMMUNICATION DEVICE TO THE COMMUNICATION BACKBOARD OR MEDIA CONVERTER BOX.
5. PROVIDE ALL DUCT SMOKE DETECTORS AND ACCESSORIES NECESSARY FOR INTERLOCKING WITH MECHANICAL EQUIPMENT (AHU'S, SMOKE DAMPERS, ETC). COORDINATE WITH MECHANICAL PLANS FOR LOCATIONS AND REQUIREMENTS.
6. THESE DOCUMENTS MAY NOT INCLUDE ENTIRE ELECTRICAL INFRASTRUCTURE REQUIRED TO SUPPORT THE BUILDING AUTOMATION SYSTEM. COORDINATE WITH BAS PROVIDER ON ALL NECESSARY INFRASTRUCTURE FOR A COMPLETE AND WORKING SYSTEM.
7. PROVIDE CONDUIT FOR HVAC CONTROL CIRCUITS AS REQUIRED TO INTERCONNECT HVAC UNIT TO CONTROL CIRCUITS. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR AND CONTROLS PROVIDER TO DETERMINE SCOPE OF CONDUITS REQUIRED FOR HVAC CONTROLS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED CONDUIT. COORDINATE POINTS OF CONNECTION WITH DIVISION 23. PROVIDE PULL CORD IN ALL EMPTY CONDUITS. SEE MECHANICAL PLANS FOR EXACT LOCATIONS OF ALL HVAC EQUIPMENT.
8. THE MAIN TELECOMMUNICATIONS GROUNDING BUSBAR SHALL BE A PRE-DRILLED COPPER BUSBAR WITH STANDARD NEMA BOLT HOLE SIZING THAT IS NO SMALLER THAN 6MM THICK BY 100MM WIDE BY 1 FOOT LONG. THE MTGB SHALL BE BONDED TO THE BUILDING SERVICE GROUND AND ALL TELECOMMUNICATIONS METALLIC RACEWAYS LOCATED IN THE SAME ROOM. MTGB CONNECTIONS SHALL BE LISTED TWO HOLE COMPRESSION TYPE.
9. A 4AWG INSULATED COPPER CONDUCTOR RUNNING FROM THE TMGB TO ALL OTHER TBGS SHALL CONSTITUTE THE TELECOMMUNICATIONS BONDING BACKBONE (TBB).
10. EACH TGB SHALL BE A PRE-DRILLED COPPER BUSBAR WITH STANDARD NEMA BOLT HOLE SIZING THAT IS NO SMALLER THAN 6MM THICK BY 50MM WIDE BY 1 FOOT LONG. CONNECTIONS SHALL BE LISTED TWO HOLE COMPRESSION TYPE.
11. ALL VOICE AND DATA COMMUNICATION CABLES SHALL BE LESS THAN 295 FEET LONG.
12. PROVIDE ELECTRONIC FORMAT CABLE ADMINISTRATIONS SHOP DRAWINGS AND RECORD DRAWINGS.
13. TEST ALL COMMUNICATION DROPS AND FIBER OPTIC CABLES. SUBMIT TEST REPORTS.
14. ALL DEVICE COVER PLATES SHALL BE QUAD PLATES BY PANDUIT. LABEL ALL CABLES AT THE DEVICE COVER PLATE AND AT THE TERMINATION IN THE COMMUNICATION ROOM.
15. ALL COMMUNICATION CABLING SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE AND EIA/TIA STANDARDS.
16. CABLE SHALL BE CONCEDED IN ALL FINISHED AREAS AND ROUTED PARALLEL OR PERPENDICULAR TO THE BUILDING STRUCTURE.
17. REMOVE ALL EXPOSED ABANDONED COMMUNICATION CABLE FOUND DURING THE CONSTRUCTION PROCESS.
18. PROVIDE 1" CONDUIT TO ABOVE THE LOCAL ACCESIBLE CEILING FOR ALL COMMUNICATION WALL MOUNTED DEVICES. PROVIDE SLEEVES SIZED FOR 40% EXPANSION THROUGH CORRIDOR WALLS.

ABBREVIATIONS

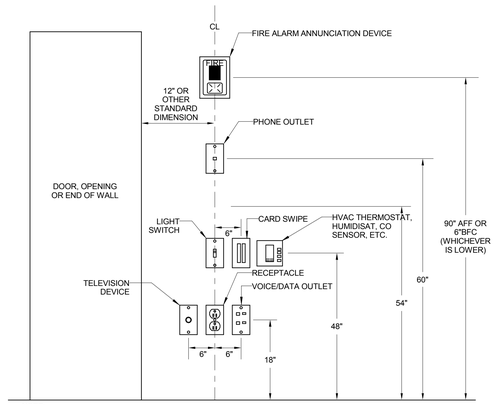
ABR	DESCRIPTION
(E)	EXISTING
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
BAS	BUILDING AUTOMATION SYSTEM
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BOD	BOTTOM OF DEVICE
CBB	COPPER BUSS BAR
cd	CANDELA
CLG	CEILING
DB	DRY BULB
ECB	ENCLOSED CIRCUIT BREAKER
EF	EXHAUST FAN
FACP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
FDS	FUSED DISCONNECT SWITCH
FSD	FIRE/SMOKER DAMPER
GBB	GROUND BUSS BAR
GFCI	GROUND-FAULT CIRCUIT-INTERRUPTING
GFI	GROUND-FAULT INTERRUPTING
GP	GENERAL PURPOSE
HP	HEAT PUMP
ICP	IRRIGATION CONTROL PANEL
IG	ISOLATED GROUND
J-BOX	JUNCTION BOX
KW	KILOWATTS
LCS	LIGHTING CONTROL SYSTEM
NEC	NATIONAL ELECTRIC CODE
NFDS	NON-FUSED DISCONNECT SWITCH
OC	ON CENTER
RFAP	REMOTE FIRE ALARM ANNUNCIATOR PANEL
RTU	ROOF TOP UNIT
SD	SMOKE DETECTOR
SPD	SURGE PROTECTION DEVICE
TBB	TELEPHONE BACKBOARD
TGB	TELEPHONE GROUNDING BUS BAR
UNO	UNLESS OTHERWISE NOTED
UTP	UNSHIELDED TWISTED PAIR
VFD	VARIABLE FREQUENCY DRIVE
W/	WITH
WB	WET BULB
WH	WATER HEATER
WP	WEATHERPROOF
XFMR	TRANSFORMER

ELECTRICAL CODES & STANDARDS

CODE	DESCRIPTION
IBC (2012)	INTERNATIONAL BUILDING CODE
IECC (2009)	INTERNATIONAL ENERGY CONSERVATION CODE
IFC (2012)	INTERNATIONAL FIRE CODE
NFPA 70 (2011)	NATIONAL ELECTRIC CODE
NFPA 72 (2010)	NATIONAL FIRE ALARM CODE

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	LIGHT FIXTURE		SINGLE RECEPTACLE (G.F.C.I.)
	LIGHT FIXTURE (EMERGENCY)		DUPLEX RECEPTACLE (GENERAL PURPOSE)
	LIGHT FIXTURE		DUPLEX RECEPTACLE (G.F.C.I.)
	LIGHT FIXTURE (EMERGENCY)		DUPLEX RECEPTACLE (FLOOR MOUNTED)
	LIGHT FIXTURE		QUADPLEX RECEPTACLE (GENERAL PURPOSE)
	LIGHT FIXTURE (EMERGENCY)		QUADPLEX RECEPTACLE (G.F.C.I.)
	LIGHT FIXTURE		QUADPLEX RECEPTACLE (FLOOR MOUNTED)
	LIGHT FIXTURE (EMERGENCY)	J	JUNCTION BOX (AS NOTED)
	LIGHT FIXTURE	J	JUNCTION BOX, (FLOOR MOUNTED)
	LIGHT FIXTURE (EMERGENCY)	J	JUNCTION BOX, (CEILING MOUNTED)
	LIGHT FIXTURE		SPECIAL PURPOSE RECEPTACLE
	LIGHT FIXTURE (EMERGENCY)	TV	TELEVISION CONNECTION LOCATION
	LIGHT FIXTURE	M	MOTOR CONNECTION (AS NOTED)
	LIGHT FIXTURE (EMERGENCY)	WF	Wi-Fi ACCESS POINT ROUGH-IN ONLY
	LIGHT FIXTURE		DISCONNECT SWITCH, (NON-FUSED)
	LIGHT FIXTURE (POLE MOUNTED)	CB	DISCONNECT SWITCH, (ENCL. CIRCUIT BREAKER)
	LIGHT FIXTURE (EMERGENCY)		EMERGENCY PHONE (EXTERIOR WALL MOUNTED; ROUGH IN ONLY)
	EXIT SIGN WITH (2) EMERGENCY HEADS		DATA OUTLET (WALL MOUNTED; ROUGH IN ONLY)
	EXIT SIGN, SINGLE SIDED		PHONE/DATA OUTLET (WALL MOUNTED; ROUGH IN ONLY)
	EXIT SIGN, DOUBLE SIDED		PHONE OUTLET (FLOOR MOUNTED; ROUGH IN ONLY)
$	LIGHT SWITCH, SINGLE POLE		PHONE/DATA OUTLET (FLOOR MOUNTED; ROUGH IN ONLY)
$3	LIGHT SWITCH, 3 WAY TYPE	CCTV	CCTV CAMERA (WALL MOUNTED 10'-6"; ROUGH IN ONLY)
$4	LIGHT SWITCH, 4 WAY TYPE	CCTV	CCTV CAMERA (POLE MOUNTED AT 10'-6" AFG; ROUGH IN ONLY)
$D	LIGHT SWITCH, DIMMER TYPE	CCTV	CCTV CAMERA (CEILING MOUNTED; ROUGH IN ONLY)
$T	LIGHT SWITCH, DIGITALLY TIMED (0-30 MINUTES)	FACP	FIRE ALARM CONTROL PANEL
$a	LOWER CASE SUBSCRIPT INDICATES SWITCH-LEG	RFAP	REMOTE FIRE ALARM ANNUNCIATOR
OS	OCCUPANCY SENSOR (CEILING MOUNTED)	FSD	FIRE / SMOKE DAMPER
OS	OCCUPANCY SENSOR (WALL MOUNTED)	TS	FIRE ALARM TAMPER SWITCH
PC	PHOTOCELL LIGHTING CONTROL	FS	FIRE ALARM FLOW SWITCH
0	LIGHTING CONTROL SCHEME CALLOUT	PS	FIRE ALARM PRESSURE SWITCH
T	THERMOSTAT (WALL MOUNTED)	SPD	SURGE PROTECTION DEVICE
H	HUMIDISTAT (WALL MOUNTED)	SD	SMOKE DETECTOR (DUCT MOUNTED)
H	HUMIDISTAT (DUCT MOUNTED)	HD	HEAT DETECTOR (CEILING MOUNTED)
SD	SMOKE DETECTOR (CEILING MOUNTED)	HD	HEAT DETECTOR (DUCT MOUNTED)
PP X	POWER PEDESTAL (SINGLE/DOUBLE HEAD): A - FOUR DEDICATED DUPLEX RECEPTACLES B - ONE DUPLEX RECEPTACLE; ONE NEMA L14-50R C - TWO DUPLEX RECEPTACLES; TWO NEMA L5-30R D - SIX DEDICATED DUPLEX RECEPTACLES	HH X	HAND HOLE: A - FOUR DEDICATED DUPLEX RECEPTACLES B - NO POWER; PULL BOX ONLY



NOTE:
DEVICES SHOWN WITHIN 48" OF EACH OTHER ON ALL ELECTRICAL PLANS SHALL BE ALIGNED PER THIS DETAIL.
IF DEVICES ARE SHOWN IN MIDDLE OF WALL, THEN CENTER DEVICES ON WALL.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY: MWC
CHECKED BY: DAW

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PROFESSIONAL STAMPS:

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION DWG, INC. CONSULTING ENGINEERS No.C03649

SOUTH CAROLINA David A. Wills, Jr. No.29529 04/30/2016 DAVID A WILLS JR.

#	REVISION	DATE	BY

DATE
06/30/2016
PROJECT NUMBER
01-16002
SHEET TITLE
ELECTRICAL NOTES & LEGENDS

SHEET NUMBER
E0.001

DWG CONSULTING ENGINEERS listen . consult . sustain
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DWG Project No. 15008-00

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SITE LIGHT FIXTURE SCHEDULE

FIXTURE SPECIFICATIONS				LAMPING		ELECTRICAL			
TYPE	FIXTURE DESCRIPTION	MANUFACTURER	CAT. #	NO.	LAMP TYPE	FIXT. LOAD	VOLTS	MOUNTING REMARKS	NOTES
B1	BOLLARD WITH RECEPTACLE	FAIRWEATHER	MODEL B-3-L, SCHEDULE 40 PIPE, 36" HEIGHT, WITH OUTLET BOX CAVITY AND RECEPTACLE	-	LED	180	120 V	DIRECT BURY	PROVIDE TWO CIRCUITS: ONE FOR RECEPTACLE AND ONE FOR LIGHT
B2	BOLLARD WITHOUT RECEPTACLE	FAIRWEATHER	MODEL B-3-L, SCHEDULE 40 PIPE, 36" HEIGHT	-	LED	20	120 V	DIRECT BURY	
B3	BICYCLE BOLLARD	STRUCTURA INC.	DBL-36-L30-SO-DBZ-P1S4-120D-STD	-	LED	10	120 V	PROVIDE ANCHOR BOLTS, MOUNT IN CONCRETE	FIXTURE SERVES AS BICYCLE RACK
F	INTERNAL COLUMN LIGHT	HALO	SLD612-80-30-WH-UNV	-	LED	15	120 V	MOUNT TO TOP OF COLUMN	ROUTE POWER THROUGH COLUMN POSTS
S	STEP LIGHT FIXTURE	JUNO	IC115LEDHSG-838LED-13-3K-BZ	-	LED	13	120 V	SURFACE MOUNT TO CONCRETE	
T	HANDRAIL POST LIGHT	WAC LIGHTING	3011-30-BBR	-	LED	5	120 V	SEE LANDSCAPE DETAILS	
U1	LINEAR SIGN UPLIGHT FIXTURE	WINONA	BLS727W-LCB-16-MSL4-700ADJ1-50X20DEG-LLP10A-35 K-MVOLT-FCLB10A-DBT	-	LED	57	120 V	PROVIDE ANCHOR BOLTS, MOUNT IN CONCRETE	
U2	UPLIGHT FIXTURE	LSI LIGHTING	XIG-B-LED-19-350-WW-UE-SP10-BRZ	-	LED	23	120 V	1'6"AFF, SEMI-RECESSED	
U3	STEP LIGHT FIXTURE	WAC LIGHTING	5012-30-BBR-S	-	LED	15	120 V	SURFACE MOUNT TO CONCRETE	

LIGHT FIXTURE SCHEDULE

FIXTURE SPECIFICATIONS				LAMPING		ELECTRICAL			
TYPE	FIXTURE DESCRIPTION	MANUFACTURER	CAT. #	NO.	LAMP TYPE	FIXT. LOAD	VOLTS	MOUNTING REMARKS	NOTES
C1	LINEAR DIRECT	PINNACLE ARCHITECTURAL LIGHTING	EX3-WET-N-30HO-4-IND-S-120-1D-FINISH	-	LED	35	120 V	SURFACE MOUNT	
C1E	LINEAR DIRECT	PINNACLE ARCHITECTURAL LIGHTING	EX3-WET-N-30HO-4-IND-S-120-1D-EM-FINISH	-	LED	35	120 V	SURFACE MOUNT	
C2	LINEAR DIRECT/INDIRECT	PINNACLE ARCHITECTURAL LIGHTING	EX3B-WET-O-30HO-30HO-IND-WA-120-1D-FINISH	-	LED	70	120 V	WALL MOUNT (SIDE OF BEAM)	
D	DOWNLIGHT	CREE	KR4	-	LED	18	120 V	RECESSED	
DE	DONWLIGHT, EMERGENCY	CREE	KR4	-	LED	18	120 V	RECESSED	
L4	STRIP LIGHT	H.E. WILLIAMS	80-4-L63/850-DRV-UNV	-	LED	52	120 V	2' CHAIN HANGER	
V	EXTERIOR DOWNLIGHT	KENALL	HRDL6L-26L30K-DV-FW-CSS-8	-	LED	26	120 V	RECESSED	
W2	WALL PACK	LUMIERE	303-W1-LEDB2-3000-UNV-T4-BZ-LCF	-	LED	16	120 V	WALL MOUNT 8'6"AFF	
W2E	WALL PACK	LUMIERE	303-W1-LEDB2-3000-UNV-T4-BZ-LCF	-	LED	16	120 V	WALL MOUNT 8'6"AFF	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

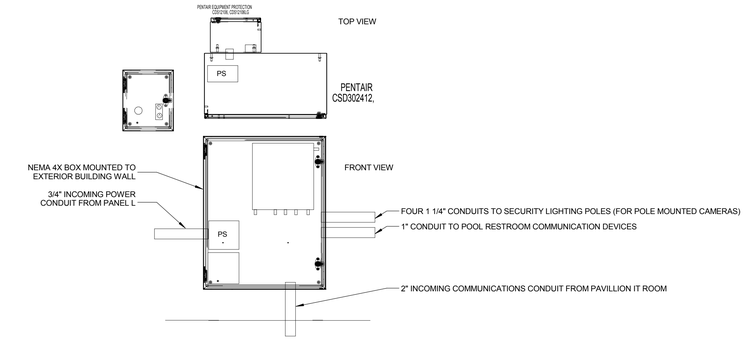
LIGHTING CONTROL SCHEME SCHEDULE

CONTROL SCHEME	CONTROL TYPE DESCRIPTION	LOCATIONS
1	MANUAL ON/OFF BY WALL MOUNTED SWITCH.	5
2	MANUAL DIMMING BY WALL MOUNTED DIMMER SWITCH.	1
3	MANUAL ON/OFF, WITH WALL MOUNTED TIMER	7
4	MANUAL ON/OFF, SCENE SWITCHING WITH WALL MOUNTED SCENE SWITCH. CONTROL MAINTAINED BY ROOM CONTROLLER.	1
5	MANUAL ON WITH WALL MOUNTED SINGLE LEVEL VACANCY SENSOR. CONTROL MAINTAINED BY ROOM CONTROLLER.	1
6	MANUAL ON WITH CEILING MOUNTED VACANCY SENSOR(S) AND SINGLE WALL MOUNTED SWITCH. CONTROL MAINTAINED BY ROOM CONTROLLER.	3
7	MANUAL ON WITH CEILING MOUNTED VACANCY SENSOR(S) AND WALL MOUNTED DIMMER SWITCH(ES). CONTROL MAINTAINED BY ROOM CONTROLLER.	1
8	MANUAL ON, DUAL-LEVEL SWITCHING WITH WALL MOUNTED VACANCY SENSOR. CONTROL MAINTAINED BY ROOM CONTROLLER.	1
9	MANUAL ON SCENE SWITCHING WITH CEILING MOUNTED VACANCY SENSORS. CONTROL MAINTAINED BY ROOM CONTROLLER.	1
10	MANUAL ON, DUAL-LEVEL SWITCHING WITH WALL MOUNTED VACANCY SENSOR AND CEILING MOUNTED PHOTOSENSOR WITH ON/OFF CONTROL. CONTROL MAINTAINED BY ROOM CONTROLLER.	1
11	MANUAL ON, DUAL-LEVEL SWITCHING WITH CEILING MOUNTED VACANCY SENSOR AND CEILING MOUNTED PHOTOSENSOR WITH ON/OFF CONTROL. CONTROL MAINTAINED BY ROOM CONTROLLER.	1
12	MANUAL ON, DIMMING WITH CEILING MOUNTED VACANCY SENSOR AND CEILING MOUNTED PHOTOSENSOR WITH DIMMING CONTROL. CONTROL MAINTAINED BY ROOM CONTROLLER.	1
13	SCHEDULE ON/OFF DURING BUSINESS HOURS WITH AFTER-HOURS CEILING MOUNTED OCCUPANCY SENSOR CONTROL. SCHEDULE CONTROL MAINTAINED BY LCP.	1
14	SCHEDULE ON/OFF DURING BUSINESS HOURS WITH AFTER-HOURS CEILING MOUNTED OCCUPANCY SENSOR CONTROL AND MANUAL SWITCH OVERRIDE. SCHEDULE CONTROL MAINTAINED BY LCP.	3
15	SCHEDULE ON/OFF DURING BUSINESS HOURS WITH AFTER-HOURS WALL MOUNTED OCCUPANCY SENSOR CONTROL AND MANUAL SWITCH OVERRIDE. SCHEDULE CONTROL MAINTAINED BY LCP.	1
16	SCHEDULE ON/OFF VIA TIME CLOCK WITH PHOTOSENSOR AND MANUAL OVERRIDE. PHOTOSENSOR SHALL BE WALL MOUNTED ON EXTERIOR.	6
17	SCHEDULE ON/OFF VIA TIME CLOCK WITH PHOTOSENSOR AND MANUAL DIMMING OVERRIDE. PHOTOSENSOR SHALL BE WALL MOUNTED ON EXTERIOR.	6

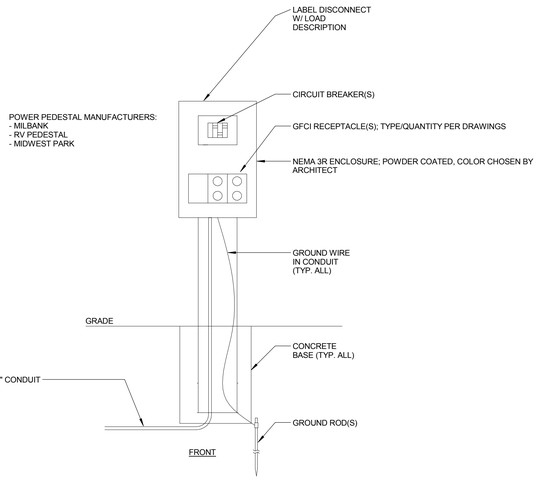
NOTES:
1. CONTROL SCHEME NUMBERS MAY NOT BE SEQUENTIAL; NOT ALL NUMBERS MAY BE PRESENT.
2. ROOM CONTROLLER BASIS OF DESIGN: WATT STOPPER LMRC-210 OR EQUAL
3. WALL MOUNTED SWITCH BASIS OF DESIGN: WATT STOPPER LMSW-101 OR EQUAL
4. WALL MOUNTED DIMMER SWITCH BASIS OF DESIGN: WATT STOPPER LMDM-100 OR EQUAL
5. WALL MOUNTED DUAL LEVEL SWITCH BASIS OF DESIGN: WATT STOPPER LMSW-102 OR EQUAL
6. WALL MOUNTED SCENE SWITCH BASIS OF DESIGN: WATT STOPPER LMSW OR EQUAL, WITH NECESSARY NUMBER OF SCENE BUTTONS, OR EQUAL
7. WALL MOUNTED, SINGLE LEVEL VACANCY SENSOR BASIS OF DESIGN: WATT STOPPER LMDW-101 OR EQUAL
8. WALL MOUNTED, DUAL LEVEL VACANCY SENSOR BASIS OF DESIGN: WATT STOPPER LMDW-102 OR EQUAL
9. CEILING MOUNTED OCCUPANCY/VACANCY SENSOR BASIS OF DESIGN: WATT STOPPER LMDC-100 OR EQUAL
10. WALL MOUNTED OCCUPANCY/VACANCY SENSOR (NO SWITCH) BASIS OF DESIGN: WATT STOPPER LMPX-100 OR EQUAL
11. PHOTOSENSOR BASIS OF DESIGN: WATT STOPPER LMLS-400 OR EQUAL

EQUIPMENT CONNECTION SCHEDULE

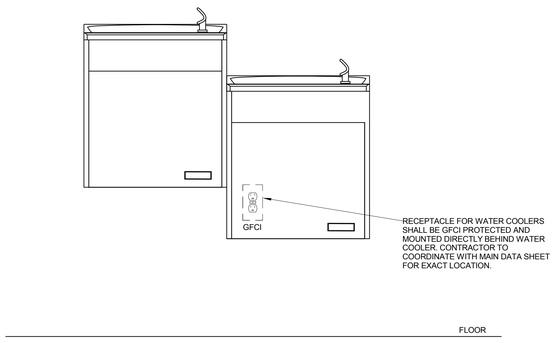
UNIT I.D.	ELECTRICAL VOLTS	PHASE	LOAD (VA)	BRANCH CIRCUIT WIRING	DISCONNECT / STARTER	NOTES
CU-1				NOT IN SCOPE	NOT IN SCOPE	
CU-2	208 V	2	6053	2#12, #12G, 3/4"C	NFDS 30/1/4X	
CU-3	208 V	2	6053	2#12, #12G, 3/4"C	NFDS 30/1/4X	
CU-4/5	208 V	2	6053	2#10, #10G, 3/4"C	NFDS 30/1/4X	
WH-1	208 V	1	2000	2#12, #12G, 3/4"C	NFDS 30/1/4X	
WH-2	208 V	1	2000	2#12, #12G, 3/4"C	NFDS 30/1/4X	
IWH-1	208 V	2	4100	2#10, #10G, 3/4"C	PROVIDE PERMANENT MEANS OF LOCKOUT IN PANEL	
IWH-2	208 V	2	4100	2#10, #10G, 3/4"C	PROVIDE PERMANENT MEANS OF LOCKOUT IN PANEL	
AIR HANDLING UNITS						
AH-1				NOT IN SCOPE	NOT IN SCOPE	
CEILING FANS						
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-1	120 V	1	52	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-2	120 V	1	1200	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
BAF-3	120 V	1	1200	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
DUCTLESS MINI SPLIT						
AH-2				POWERED FROM OUTDOOR UNIT	MOTOR RATED SWITCH	
AH-3				POWERED FROM OUTDOOR UNIT	MOTOR RATED SWITCH	
AH-4				POWERED FROM OUTDOOR UNIT	MOTOR RATED SWITCH	
AH-5				POWERED FROM OUTDOOR UNIT	MOTOR RATED SWITCH	
ELECTRIC HEATER						
EH-4	208 V	3	5000	3#10, #10G, 3/4"C	NFDS 30/1/4X	
IRH-1	120 V	1	600	2#12, #12G, 3/4"C	PROVIDE PERMANENT MEANS OF LOCKOUT IN PANEL	
IRH-2	120 V	1	450	2#12, #12G, 3/4"C	PROVIDE PERMANENT MEANS OF LOCKOUT IN PANEL	
IRH-3	120 V	1	450	2#12, #12G, 3/4"C	PROVIDE PERMANENT MEANS OF LOCKOUT IN PANEL	
IRH-4	120 V	1	450	2#12, #12G, 3/4"C	PROVIDE PERMANENT MEANS OF LOCKOUT IN PANEL	
IRH-5	120 V	1	450	2#12, #12G, 3/4"C	PROVIDE PERMANENT MEANS OF LOCKOUT IN PANEL	
IRH-6	120 V	1	450	2#12, #12G, 3/4"C	PROVIDE PERMANENT MEANS OF LOCKOUT IN PANEL	
IRH-7	120 V	1	450	2#12, #12G, 3/4"C	PROVIDE PERMANENT MEANS OF LOCKOUT IN PANEL	
UH-1	208 V	2	3000	2#12, #12G, 3/4"C	NFDS 30/1/4X	
UH-2	208 V	2	3000	2#12, #12G, 3/4"C	NFDS 30/1/4X	
UH-3	208 V	2	3000	2#12, #12G, 3/4"C	NFDS 30/1/4X	
UH-4	208 V	2	3000	2#12, #12G, 3/4"C	NFDS 30/1/4X	
EXHAUST FANS						
EF-1	120 V	1	312	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
EF-2	120 V	1	312	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
EF-3	120 V	1	312	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
EF-4	120 V	1	312	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
EF-5	120 V	1	312	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
EF-6	120 V	1	312	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
EF-7	120 V	1	312	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
EF-8	120 V	1	312	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	
EF-9	120 V	1	312	2#12, #12G, 3/4"C	MOTOR RATED SWITCH	



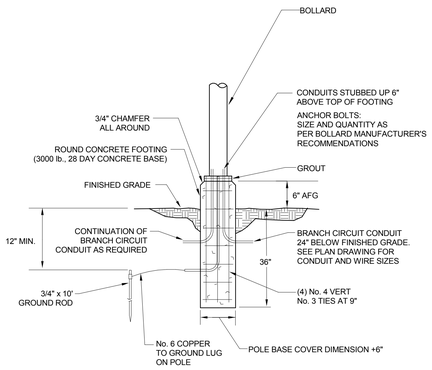
4 E0.002 EXTERIOR NEMA BOX DETAIL
NOT TO SCALE



1 E0.002 ELECTRICAL POWER PEDESTAL DETAIL
NOT TO SCALE



2 E0.002 WATER COOLER ELEVATION
SCALE: NOT TO SCALE



3 E0.002 BOLLARD MOUNT DETAIL
NOT TO SCALE

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MWC
CHECKED BY: DAW

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PROFESSIONAL STAMPS:

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION DWG, INC. CONSULTING ENGINEERS No.C03649

SOUTH CAROLINA David A. Wills, Jr. No.29529 06/30/2016 DAVID A. WILLS, JR.

#	REVISION	DATE	BY

DATE 06/30/2016
PROJECT NUMBER 01-16002
SHEET TITLE ELECTRICAL SCHEDULES & DETAILS

SHEET NUMBER E0.002

DWG CONSULTING ENGINEERS design. consult. sustain
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DWG Project No. 15008-00

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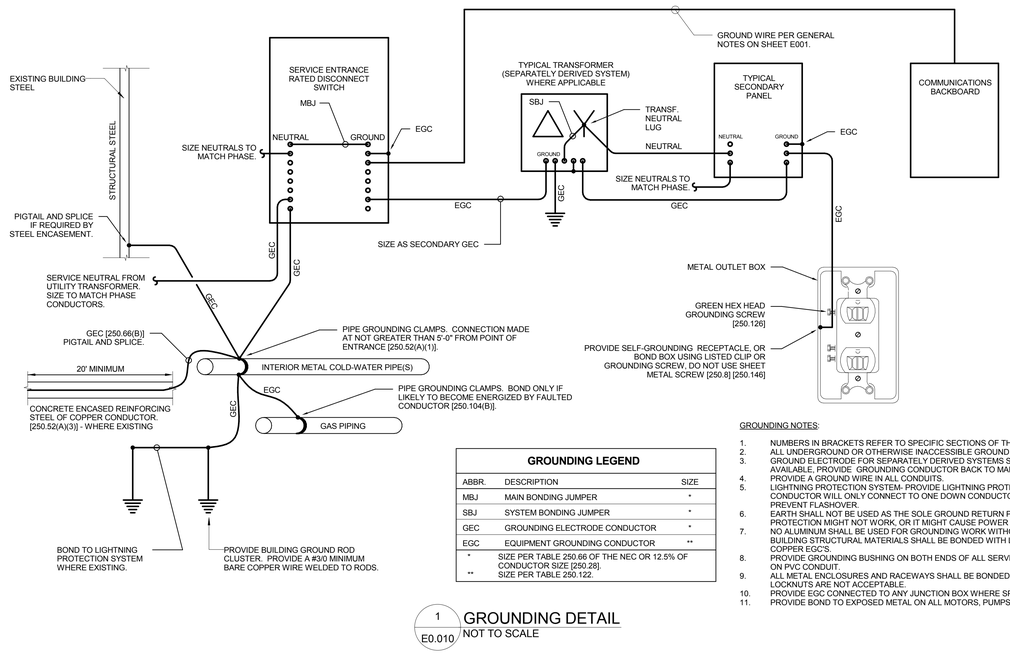


GROUNDING LEGEND		
ABBR.	DESCRIPTION	SIZE
MBJ	MAIN BONDING JUMPER	*
SBJ	SYSTEM BONDING JUMPER	*
GEC	GROUNDING ELECTRODE CONDUCTOR	*
EGC	EQUIPMENT GROUNDING CONDUCTOR	**
*	SIZE PER TABLE 250.66 OF THE NEC OR 12.5% OF CONDUCTOR SIZE [250.28].	
**	SIZE PER TABLE 250.122.	

1 E0.010 GROUNDING DETAIL
NOT TO SCALE

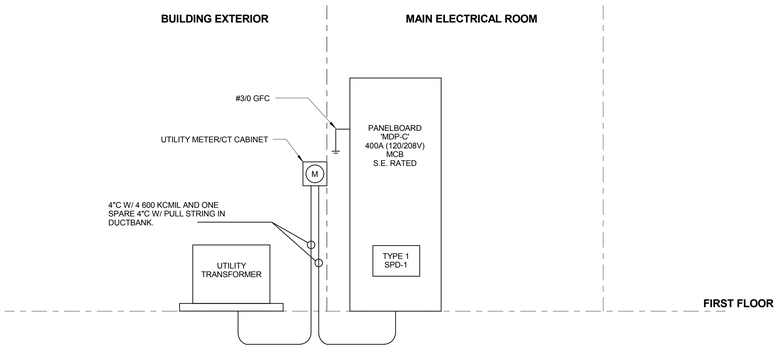
GROUNDING NOTES:

1. NUMBERS IN BRACKETS REFER TO SPECIFIC SECTIONS OF THE NATIONAL ELECTRICAL CODE.
2. ALL UNDERGROUND OR OTHERWISE INACCESSIBLE GROUND CONNECTIONS AND SPLICES SHALL BE EXOTHERMICALLY WELDED [250.68].
3. GROUND ELECTRODE FOR SEPARATELY DERIVED SYSTEMS SHALL BE THE NEAREST METAL WATER PIPE OR STRUCTURAL METAL. IF EITHER IS NOT AVAILABLE, PROVIDE GROUNDING CONDUCTOR BACK TO MAIN GROUND BUS AT SERVICE ENTRANCE.
4. PROVIDE A GROUND WIRE IN ALL CONDUITS.
5. LIGHTNING PROTECTION SYSTEM- PROVIDE LIGHTNING PROTECTION GROUND RODS LOOPED TOGETHER WITH COPPER CABLE, OTHERWISE BONDING CONDUCTOR WILL ONLY CONNECT TO ONE DOWN CONDUCTOR ROD. VERIFY THAT LP DOWN CONDUCTORS ARE BONDED TO LOCAL GROUNDED METAL TO PREVENT FLASHOVER.
6. EARTH SHALL NOT BE USED AS THE SOLE GROUND RETURN PATH FOR ANY EQUIPMENT POWERED UNDER THIS PROJECT. OTHERWISE OVERCURRENT PROTECTION MIGHT NOT WORK, OR IT MIGHT CAUSE POWER QUALITY PROBLEMS.
7. NO ALUMINUM SHALL BE USED FOR GROUNDING WORK WITHOUT THE SPECIFIC WRITTEN PERMISSION OF THE ENGINEER. EXCEPTION: ALUMINUM BUILDING STRUCTURAL MATERIALS SHALL BE BONDED WITH LISTED ALUMINUM EQUIPMENT WITH ALUMINUM TO COPPER CONNECTORS FOR ROUTING COPPER EGC'S.
8. PROVIDE GROUNDING BUSHING ON BOTH ENDS OF ALL SERVICE ENTRANCE RACEWAYS, SIZE AS A GEC [250.80]. THIS INCLUDES RIGID STEEL ELBOWS ON PVC CONDUIT.
9. ALL METAL ENCLOSURES AND RACEWAYS SHALL BE BONDED TO GROUND [250.86]. FOR CIRCUITS OVER 250V PROVIDE BOND PER [250.97], STANDARD LOCKNUTS ARE NOT ACCEPTABLE.
10. PROVIDE EGC CONNECTED TO ANY JUNCTION BOX WHERE SPLICE IS MADE [250.148].
11. PROVIDE BOND TO EXPOSED METAL ON ALL MOTORS, PUMPS, AND LIGHTING FIXTURES PER [250.112].

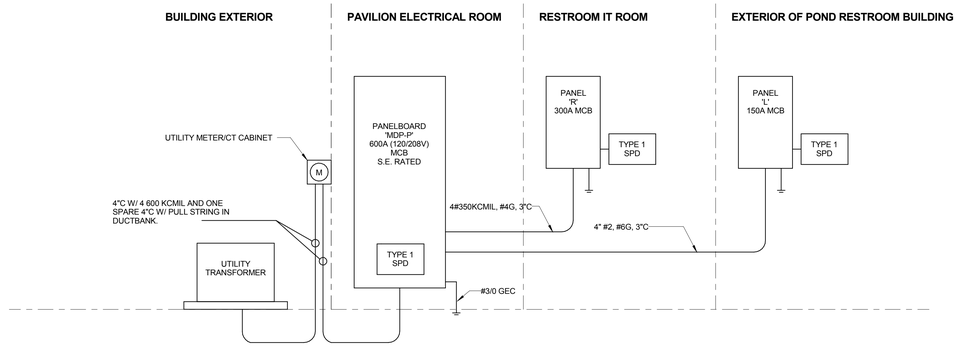
AVAILABLE FAULT CURRENT
BASED ON A **750** KVA, **4** %Z UTILITY TRANSFORMER THE MAXIMUM FAULT CURRENT AVAILABLE AT THE SERVICE ENTRANCE DISCONNECT IS CALCULATED TO BE **22,553** AMPS. LABEL THE SERVICE ENTRANCE DISCONNECT WITH THIS MAXIMUM FAULT CURRENT AND THE DATE OF INSTALLATION. CONTACT ENGINEER 2 WEEKS PRIOR TO SUBSTANTIAL COMPLETION TO CONFIRM THE AVAILABLE FAULT CURRENT PRIOR TO LABELING EQUIPMENT.

ELECTRICAL SERVICE GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE INSTALLATION OF METER ON BUILDING WITH UTILITY COMPANY. CONTRACTOR SHALL INSTALL PER REQUIREMENTS OF UTILITY COMPANY.
2. CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED ELECTRICAL COMPONENTS TO MAKE UTILITY CONNECTION IN ACCORDANCE WITH UTILITY COMPANY'S REQUIREMENTS. UTILITY COMPANY SHALL INSPECT WORK PRIOR TO PROVIDING CONNECTION TO UTILITY SERVICE TRANSFORMER.
3. SERVICE DISCONNECTS SHALL BE PROPERLY LABELED IN ACCORDANCE WITH UTILITY REQUIREMENTS. UTILITY COMPANY SHALL NOT PROVIDE CONNECTION TO SERVICES WITHOUT PROPER IDENTIFICATION.



2 E0.010 CHILDREN'S MUSEUM ONE-LINE DIAGRAM
NOT TO SCALE



3 E0.010 PAVILLION/RESTROOM ONE-LINE DIAGRAM
NOT TO SCALE

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MWC
CHECKED BY: DAW

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PROFESSIONAL STAMPS:

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION DWG, INC. CONSULTING ENGINEERS No.C03649

SOUTH CAROLINA No.29529 04/30/2016 DAVID A WILLS JR.

#	REVISION	DATE	BY

DATE
06/30/2016
PROJECT NUMBER
01-16002
SHEET TITLE
ELECTRICAL ONE-LINE DIAGRAM

SHEET NUMBER
E0.010

DWG CONSULTING ENGINEERS listen.consult.sustain
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DWG Project No. 15008-00

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LOAD CENTER SCHEDULE

Panel Name: L
Location:
Source: MDP-P
Mounting: Surface
Volts: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 4X
A.I.C. Rating: 10000
Mains Rating: 150 A
Mains Type: MAIN CIRCUIT BREAKER
Notes: * - INDICATES GFCI BREAKER

CKT NO.	CIRCUIT DESIGNATION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESIGNATION	CKT NO.
1	LTG-PARK	20 A	1	180 VA / 7210 VA						2
3	LTG-POND RESTROOM	20 A	1		0 VA / 7210 VA		3	60 A	FOUNTAIN CONTROL PANEL	4
5	REC-DOCK	20 A	1			360 VA / 7210 VA				6
7				0 VA / 450 VA			1	20 A	+ IRH-6	8
9					0 VA / 450 VA		1	20 A	+ IRH-7	10
11	REC-PARK USB	20 A	1			900 VA / 2050 VA	2	30 A	+ IWH-1	12
13	BAF-2-DOCK	20 A	1	1200 VA / 2050 VA						14
15	EWC	20 A	1		1440 VA / 2050 VA		2	30 A	+ IWH-2	16
17	AUTOMATIC FLUSH VALVES	20 A	1			360 VA / 2050 VA				18
19	HAND DRYER	20 A	1	1440 VA / 1200 VA			1	20 A	MEDIA CONVERTER	20
21	HAND DRYER	20 A	1		1440 VA / 0 VA					22
23						0 VA / 0 VA	1	0 A	SPARE	24
25	SPARE	0 A	1	0 VA / 0 VA			1	0 A	SPARE	26
27	SPARE	0 A	1		0 VA / 0 VA		1	0 A	SPARE	28
29	SPARE	0 A	1			0 VA / 0 VA	1	0 A	SPARE	30
	TOTAL PHASE LOAD:			13720 VA	12585	12925			+ - PROVIDE PERMANENT MEANS OF	
	TOTAL PHASE CURRENT:			115 A	105 A	108 A			LOCKOUT	

PANEL TOTALS
TOTAL CONNECTED LOAD: 39273
TOTAL CONNECTED CURRENT: 109 A

PANELBOARD SCHEDULE

Panel Name: MDP-C
Location:
Source:
Mounting: Surface
Volts: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 1
A.I.C. Rating: 42000
Mains Rating: 400 A
Mains Type: MAIN CIRCUIT BREAKER

CKT NO.	CIRCUIT DESIGNATION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESIGNATION	CKT NO.
1	BIG ASS FANS	20 A	1	360 VA / 510 VA			1	20 A	LIGHTING	2
3	AIR COMPRESSOR	20 A	1		860 VA / 100 VA		1	20 A	FIRE ALARM PANEL *	4
5	RECP - EXTERIOR	20 A	1			720 VA / 180 VA	1	20 A	RECP - EXTERIOR FLOOR BOX	6
7	RECP - EXTERIOR FLOOR BOX	20 A	1	180 VA / 360 VA			1	20 A	RECP - FLOOR BOX	8
9	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	10
11	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	12
13	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	14
15	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	16
17	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	18
19	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	20
21	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	22
23	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	24
25	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	26
27	SPARE	0 A	1		0 VA / 0 VA		1	0 A	SPARE	28
29	SPARE	0 A	1			0 VA / 0 VA	1	0 A	SPARE	30
31	SPARE	0 A	1	0 VA / 0 VA			1	0 A	SPARE	32
33	SPARE	0 A	1		0 VA / 0 VA		1	0 A	SPARE	34
35	SPARE	0 A	1			0 VA / 0 VA	1	0 A	SPARE	36
37	SPARE	0 A	1	0 VA / 0 VA			1	0 A	SPARE	38
39	SPARE	0 A	1		0 VA / 0 VA		1	0 A	SPARE	40
41	SPARE	0 A	1			0 VA / 0 VA	1	0 A	SPARE	42
	TOTAL PHASE LOAD:			1410 VA	964	900				
	TOTAL PHASE CURRENT:			12 A	8 A	8 A				

PANEL TOTALS
TOTAL CONNECTED LOAD: 3332
TOTAL CONNECTED CURRENT: 9 A

* PAINT BREAKER HANDLE RED

PANELBOARD SCHEDULE

Panel Name: R
Location: IT 204
Source: MDP-P
Mounting: Surface
Volts: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 1
A.I.C. Rating: 10000
Mains Rating: 300 A
Mains Type: MAIN CIRCUIT BREAKER

CKT NO.	CIRCUIT DESIGNATION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESIGNATION	CKT NO.
1	LTG-SITE	20 A	1	720 VA / 580 VA			1	20 A	LTG-SITE	2
3	REC-BOLLARD	20 A	1		900 VA / 900 VA		1	20 A	REC-BOLLARD	4
5	REC-BOLLARD	20 A	1			900 VA / 1200 VA	1	20 A	REC-SCULPTURE	6
7	REC-BOLLARD	20 A	1	900 VA / 1200 VA			1	20 A	REC-BOUNCE HOUSE	8
9	REC-BOLLARD	20 A	1		720 VA / 1200 VA		1	20 A	REC-BOUNCE HOUSE	10
11	REC-BOLLARD	20 A	1			900 VA / 1200 VA	1	20 A	REC-BOUNCE HOUSE	12
13	REC-BOUNCE HOUSE	30 A	2	1870 VA / 1200 VA			1	20 A	REC-BOUNCE HOUSE	14
15					1870 VA / 1200 VA		1	20 A	REC-BOUNCE HOUSE	16
17	REC-BOUNCE HOUSE	30 A	2			1870 VA / 1200 VA	1	20 A	REC-BOUNCE HOUSE	18
19				1870 VA / 1200 VA			1	20 A	REC-BOUNCE HOUSE	20
21	REC-BOUNCE HOUSE	30 A	2		1870 VA / 1200 VA		1	20 A	REC-BOUNCE HOUSE	22
23						1870 VA / 1200 VA	1	20 A	REC-BOUNCE HOUSE	24
25	REC-BOUNCE HOUSE	20 A	2	1870 VA / 1200 VA			1	20 A	REC-BOUNCE HOUSE	26
27					1870 VA / 1200 VA		1	20 A	REC-BOUNCE HOUSE	28
29	REC-BOUNCE HOUSE	20 A	1			1200 VA / 1200 VA	1	20 A	REC-BOUNCE HOUSE	30
31	REC-BOUNCE HOUSE	20 A	1	1200 VA / 1200 VA			1	20 A	REC-BOUNCE HOUSE	32
33	REC-BOUNCE HOUSE	20 A	1		1200 VA / 1200 VA		1	20 A	REC-BOUNCE HOUSE	34
35	REC-BOUNCE HOUSE	20 A	1			1200 VA / 1200 VA	1	20 A	REC-BOUNCE HOUSE	36
37	BAF	20 A	1	100 VA / 1200 VA			1	20 A	REC-BOUNCE HOUSE	38
39	BAF	20 A	1		160 VA / 960 VA		1	20 A	LTG-INTERIOR	40
41	IRH-1, 2	20 A	1			1050 VA / 1440 VA	1	20 A	HAND DRYER	42
43	REC-RESTROOM BLDG	20 A	1	2740 VA / 1440 VA			1	20 A	HAND DRYER	44
45	HAND DRYER	20 A	1		1440 VA / 1440 VA		1	20 A	HAND DRYER	46
47	EWC	20 A	1			1440 VA / 2740 VA	1	20 A	REC-RESTROOM BLDG	48
49	AUTOMATIC FLUSH VALVE	20 A	1	360 VA / 1000 VA			2	20 A	WH-2	50
51	WH-1	20 A	2		1000 VA / 1000 VA					52
53						1000 VA / 3030 VA	2	20 A	CU-3	54
55	IRH-3, 4, 5	20 A	1	1350 VA / 3030 VA						56
57	HAND DRYER	20 A	1		1440 VA / 1440 VA		1	20 A	REC-POE	58
59	EF-1-6	20 A	1			530 VA / 1500 VA	2	20 A	UH-1	60
61	SPARE	0 A	1	0 VA / 1500 VA						62
63	SPARE	0 A	1		0 VA / 1500 VA		2	20 A	UH-2	64
65	SPARE	0 A	1			0 VA / 1500 VA				66
67	SPARE	0 A	1	0 VA / 1500 VA			2	20 A	UH-3	68
69	SPARE	0 A	1		0 VA / 1500 VA					70
71	SPARE	0 A	1			0 VA / 1500 VA	2	20 A	UH-4	72
73	SPARE	0 A	1	0 VA / 1500 VA						74
75	SPARE	0 A	1		0 VA / 0 VA					76
77	SPARE	0 A	1			0 VA / 0 VA				78
79	SPARE	0 A	1	0 VA / 0 VA						80
81	SPARE	0 A	1		0 VA / 0 VA		1	0 A	SPARE	82
83	SPARE	0 A	1			0 VA / 0 VA	1	0 A	SPARE	84
	TOTAL PHASE LOAD:			30740 VA	27212	30867				
	TOTAL PHASE CURRENT:			261 A	227 A	262 A				

PANEL TOTALS
TOTAL CONNECTED LOAD: 89019
TOTAL CONNECTED CURRENT: 247 A

PANELBOARD SCHEDULE

Panel Name: MDP-P
Location: IT/ELEC 303
Source:
Mounting: Surface
Volts: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 1
A.I.C. Rating: 42000
Mains Rating: 600 A
Mains Type: MAIN CIRCUIT BREAKER
Notes: * - INDICATES GFCI BREAKER

CKT NO.	CIRCUIT DESIGNATION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESIGNATION	CKT NO.
1	LTG-PAVILLION	20 A	1	840 VA / 3600 VA						2
3	LTG-PAVILLION	20 A	1		750 VA / 3600 VA		3	50 A	REC-POWER PEDESTAL	4
5	REC-BOLLARDS	20 A	1			180 VA / 3600 VA				6
7	REC-HAND HOLE	20 A	1	1200 VA / 1200 VA			1	20 A	REC-POWER PEDESTAL	8
9	REC-HAND HOLE	20 A	1		1200 VA / 1200 VA		1	20 A	REC-POWER PEDESTAL	10
11	REC-HAND HOLE	20 A	1			1200 VA / 1200 VA	1	20 A	REC-POWER PEDESTAL	12
13	REC-HAND HOLE	20 A	1	1200 VA / 1200 VA			1	20 A	REC-POWER PEDESTAL	14
15	BIG ASS FAN-PAVILLION	20 A	1		200 VA / 1200 VA		1	20 A	REC-POWER PEDESTAL	16
17	REC-PAVILLION IT/ELEC 303	20 A	1			1440 VA / 1200 VA	1	20 A	REC-HAND HOLE	18
19	REC-PAVILLION IT/ELEC 303	20 A	1	1440 VA / 1200 VA			1	20 A	REC-HAND HOLE	20
21	REC-PAVILLION IT/ELEC 303	20 A	1		1440 VA / 1200 VA		1	20 A	REC-HAND HOLE	22
23	REC-PAVILLION BAND RECEPTACLE	20 A	1			180 VA / 1200 VA	1	20 A	REC-HAND HOLE	24
25	REC-PAVILLION	20 A	1	3670 VA / 1200 VA			1	20 A	REC-HAND HOLE	26
27	REC-PAVILLION	20 A	1		900 VA / 0 VA					28
29	REC-PAVILLION	20 A	1			900 VA / 0 VA				30
31	REC-PAVILLION	20 A	1	5040 VA / 0 VA						32
33					3600 VA / 1200 VA		1	20 A	REC-HAND HOLE	34
35	REC-PAVILLION BAND RECEPTACLE	50 A	3			3600 VA / 1200 VA	1	20 A	REC-HAND HOLE	36
37				3600 VA / 1200 VA			1	20 A	REC-HAND HOLE	38
39					1670 VA / 1200 VA		1	20 A	REC-HAND HOLE	40
41	EH-4	20 A	3			1670 VA / 1440 VA	1	20 A	REC-ICEMAKER	42
43				1670 VA / 3030 VA			2	30 A	CU-4/5	44
45					2500 VA / 3030 VA					46
47	VEHICLE CHARGING STATION	40 A	2			2500 VA / 0 VA	1	0 A	SPARE	48
49	SPARE	0 A	1	0 VA / 28880 VA			3	300 A	PANEL R	50
51	SPARE	0 A	1		0 VA / 27100 VA					52
53	SPARE	0 A	1			0 VA / 29290 VA				54
55				0 VA / 13200 VA						56
57	SPD	0 A	3		0 VA / 12140 VA		3	150 A	PANEL L	58
59						0 VA / 12930 VA				60
	TOTAL PHASE LOAD:			73370 VA	64129	63728				
	TOTAL PHASE CURRENT:			612 A	535 A	531 A				

PANEL TOTALS
TOTAL CONNECTED LOAD: 205981
TOTAL CONNECTED CURRENT: 572 A

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: MWC
CHECKED BY: DAW

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PROFESSIONAL STAMPS:

SOUTH CAROLINA — DWG, INC. CONSULTING ENGINEERS No.C03649 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — David A. Wills Jr. — No.29529 — 06/30/2016 — DAVID A WILLS JR.

#	REVISION	DATE	BY

DATE
06/30/2016
PROJECT NUMBER
01-16002
SHEET TITLE
ELECTRICAL PANEL SCHEDULES

DWG CONSULTING ENGINEERS — listen. consult. sustain
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DWG Project No. 15008-00

SHEET NUMBER
E0.050

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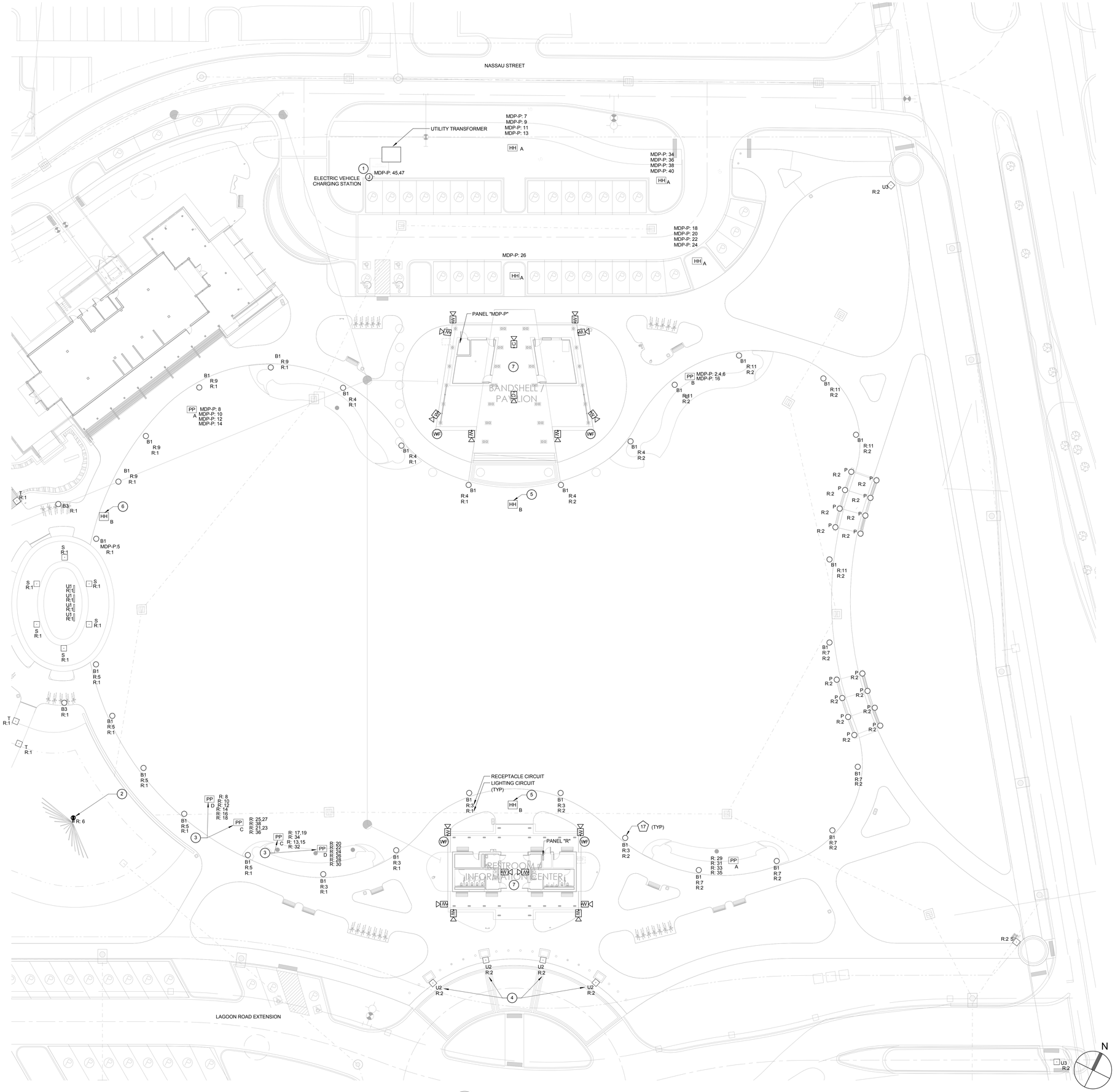

1 E0.060 ELECTRICAL SITE PLAN - PAVILLION
SCALE: 1" = 20'-0"

KEY NOTES

1. PROVIDE PEDESTAL MOUNT EXTERIOR CAR CHARGING STATION. BASIS OF DESIGN IS SCHNEIDER ELECTRIC EV230POR DUAL CHARGING UNIT OR PRIOR APPROVED EQUAL. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO INSTALLATION.
2. PROVIDE 120V DEDICATED CIRCUIT FOR SCULPTURE POWER. COORDINATE FINAL LOCATION WITH PLINTH CONSTRUCTION PRIOR TO INSTALLATION.
3. POWER FOR BOUNCE HOUSES. COORDINATE QUANTITIES AND LOCATION WITH OWNER PRIOR TO INSTALLATION.
4. COORDINATE EXACT LOCATION AND MOUNTING WITH ARCHITECT PRIOR TO INSTALLATION.
5. HAND HOLE FOR CONDUIT/CONDUCTOR CONNECTION BETWEEN PAVILLION BUILDING AND RESTROOM BUILDING. COORDINATE EXACT LOCATION WITH CIVIL SITE PLAN.
6. HAND HOLE FOR CONDUIT/CONDUCTOR CONNECTION BETWEEN PAVILLION BUILDING AND POOL RESTROOM BUILDING. COORDINATE EXACT LOCATION WITH CIVIL SITE PLAN.
7. PROVIDE CONDUIT FROM COMMUNICATION DEVICES MOUNTED TO BUILDING BACK TO TELEPHONE BACKBOARD.

GENERAL NOTES

1. COORDINATE WITH PALMETTO ELECTRIC FOR LIGHTING LAGOON ROAD EXTENSION. ROUTE 2 INCH CONDUIT WITH PULL STRING 36 INCHES BELOW FINISHED GRADE BETWEEN PALEMETTO ELECTRIC PROVIDED FIXTURES AND TO UTILITY POWER SOURCE. STUB UP CONDUIT AT EACH FIXTURE LOCATION. PLACE LIGHTS IN ACCORDANCE WITH THE HILTON HEAD STREET LIGHTING GUIDELINES. FINAL PLACEMENT SHALL BE AT THE DISCRETION OF PALMENTTO ELECTRIC FOR FIELD ADJUSTMENT. LIGHT POLES TO BE PROVIDED AND INSTALLED BY PALMETTO ELECTRIC.
2. COORDINATE CONDUIT ROUTING TO MINIMIZE ROUTING NEAR TREES/ROOTS.
3. SITE BOLLARD DIMMING SWITCH LOCATED IN RESTROOM IT ROOM. SEE SHEET E3.102 FOR LOCATION.
4. PROVIDE #10, #10G SIZE WIRE FOR SITE ELECTRICAL CIRCUITS. PROVIDE SHARED NEUTRAL FOR CIRCUITS IN SHARED CONDUIT.
5. SEE CIVIL SHEETS FOR SITE CONDUIT SIZES AND ROUTING.
6. POWER PEDESTALS SHALL BE LOCATED IN LANDSCAPE BED. COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.

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CONSTRUCTION DOCUMENTS
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Hilton Head Island, South Carolina

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SOUTH CAROLINA — David A. Wills Jr. — [E]No.29529 — 06/30/2016 — DAVID A. WILLS JR.

#	REVISION	DATE	BY

DATE
06/30/2016
PROJECT NUMBER
01-16002
SHEET TITLE
ELECTRICAL SITE PLAN PAVILLION

SHEET NUMBER
E0.060

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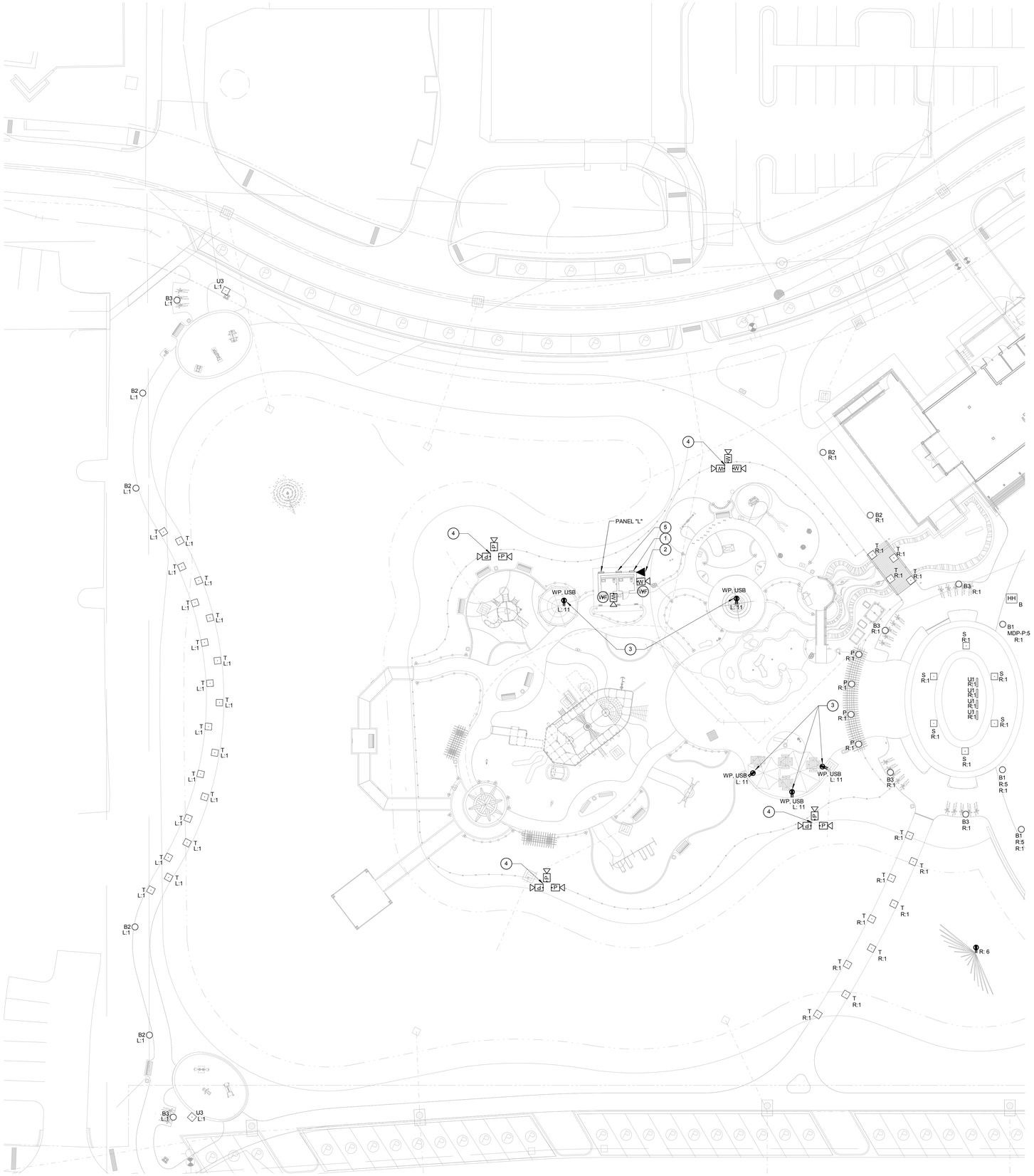

1 E0.061 ELECTRICAL SITE PLAN - PARK
SCALE: 1" = 20'-0"

N

KEY NOTES

1. FOUNTAIN CONTROL PANEL. POWER FOR ASSOCIATED PUMPS AND CONTROLS TO WATER FEATURE VAULT AND FOUNTAINS PROVIDED BY OTHERS.
2. PROVIDE EMERGENCY PHONE. COORDINATE LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
3. PROVIDE RECESSED RECEPTACLE WITH WEATHERPROOF COVER. SEE ARCHITECTURAL DETAILS FOR MOUNTING.
4. CAMERAS MOUNTED TO 12' POLE PROVIDED BY PALMETTO ELECTRIC. COORDINATE WITH PALMETTO ELECTRIC FOR INTERNAL CONDUIT/CABLE ROUTING.
5. NEMA 4X MEDIA CONVERTER. PROVIDE CONDUIT FROM COMMUNICATION DEVICES MOUNTED TO BUILDING AND MOUNTED TO POLES IN AREA BACK TO MEDIA CONVERTER. SEE DETAIL ON SHEET E0.002.

GENERAL NOTES

1. COORDINATE WITH PALMETTO ELECTRIC FOR LIGHTING LAGOON ROAD EXTENSION. ROUTE 2 INCH CONDUIT WITH PULL STRING 36 INCHES BELOW FINISHED GRADE BETWEEN PALEMETTO ELECTRIC PROVIDED FIXTURES AND TO UTILITY POWER SOURCE. STUB UP CONDUIT AT EACH FIXTURE LOCATION. PLACE LIGHTS IN ACCORDANCE WITH THE HILTON HEAD STREET LIGHTING GUIDELINES. FINAL PLACEMENT SHALL BE AT THE DISCRETION OF PALMENTTO ELECTRIC FOR FIELD ADJUSTMENT. LIGHT POLES TO BE PROVIDED AND INSTALLED BY PALMETTO ELECTRIC.
2. COORDINATE LIGHTING INSTALLATION WITH LANDSCAPE PLANS AND DETAILS.
3. PROVIDE CONDUIT FROM COMMUNICATION DEVICES SHOWN ON THIS SHEET BACK TO MEDIA CONVERTER MOUNTED ON POOL RESTROOM BUILDING.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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MWC

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DAW

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CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
No.29529
06/30/2016
DAVID A WILLS JR.

#	REVISION	DATE	BY

DATE
06/30/2016

PROJECT NUMBER
01-16002

SHEET TITLE
ELECTRICAL SITE PLAN PARK

SHEET NUMBER
E0.061

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DWG Project No. 15008-00

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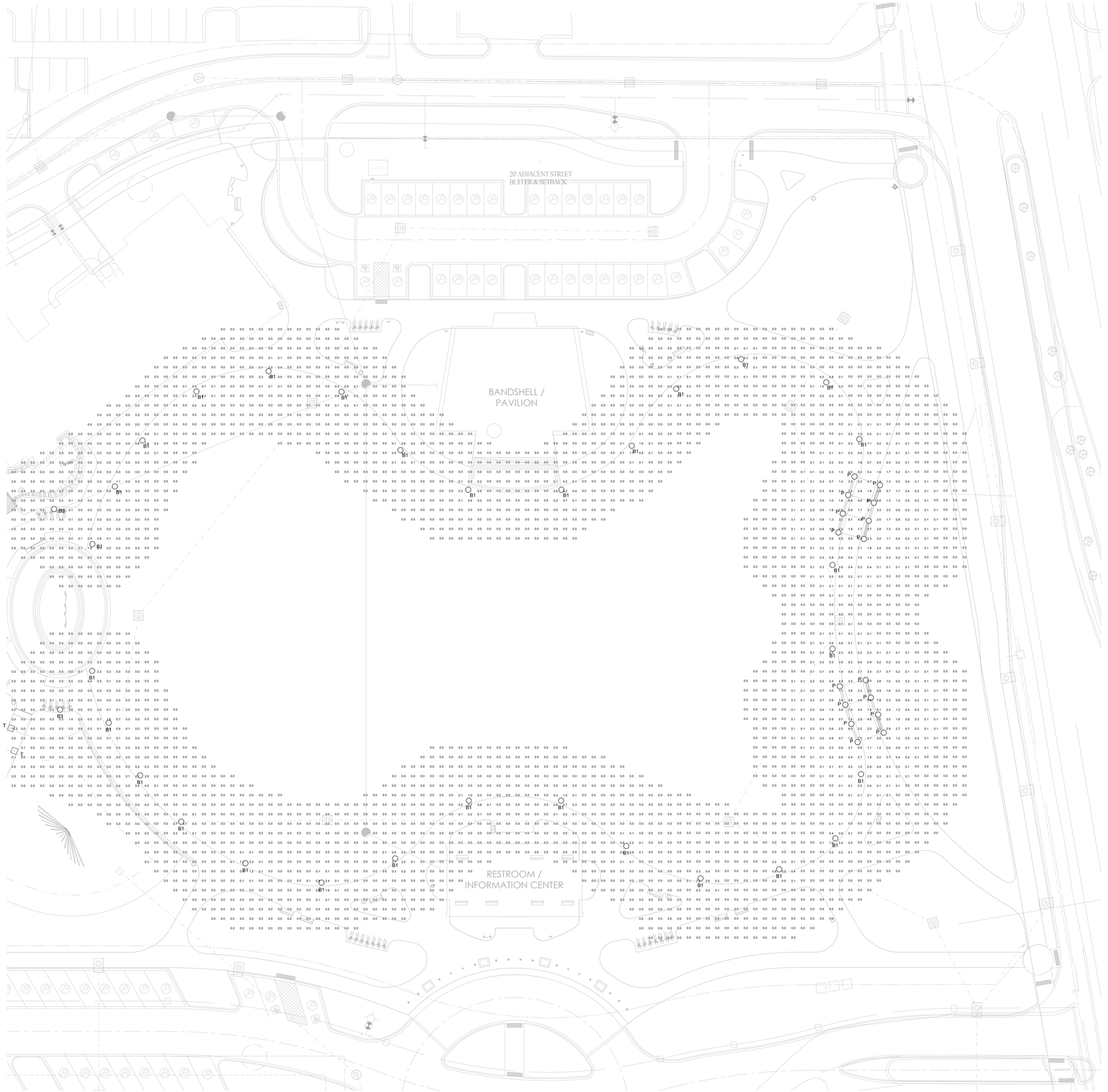

1 E0.062 ELECTRICAL SITE PLAN - PAVILION LIGHTING CALCS
SCALE: 1" = 20'-0"

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Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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PROJECT NUMBER
01-16002
SHEET TITLE
ELECTRICAL SITE PLAN PAVILION LIGHTING CALCS

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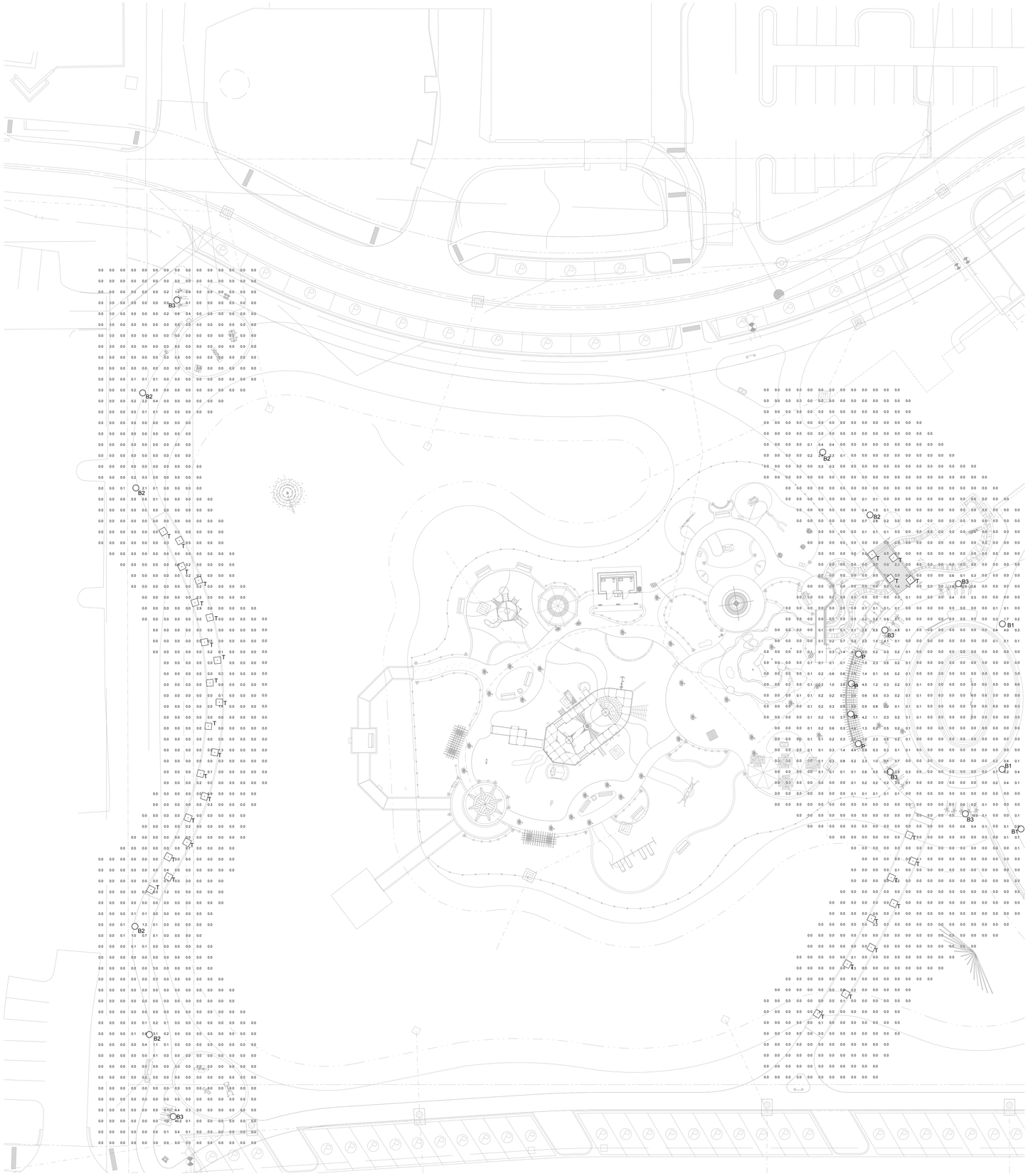
SHEET
NUMBER
E0.062



1 E0.063 ELECTRICAL SITE PLAN - PARK LIGHTING CALCS
SCALE: 1" = 20'-0"

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CONSTRUCTION DOCUMENTS
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Hilton Head Island, South Carolina

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DAVID A. WILLS
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SHEET TITLE
ELECTRICAL SITE PLAN PARK LIGHTING CALCS

SHEET NUMBER
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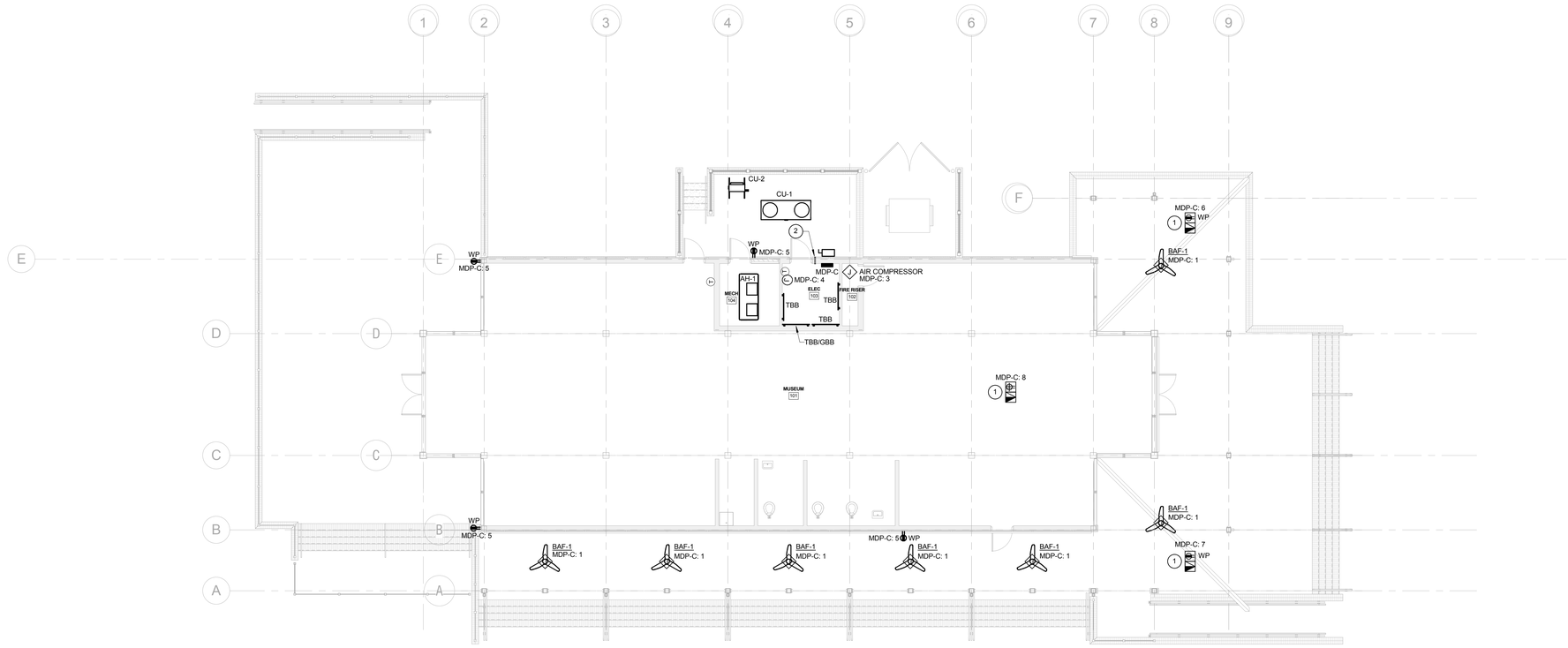

1 CHILDRENS MUSEUM POWER & TELECOM. PLAN
E1.101 SCALE: 1/8" = 1'-0"

KEY NOTES

1. PROVIDE FLOORBOX ROUGH-IN. COORDINATE FINAL LOCATION WITH ARCHITECT.
2. PROVIDE 4" SLEEVE FOR EXTERIOR MECHANICAL EQUIPMENT. CONDUIT, CONDUCTORS, DUCT DETECTORS, DISCONNECT, ETC. ARE NOT IN SCOPE.

GENERAL NOTES

1. SEE SITE PLAN FOR CAMERA ROUGH-IN LOCATIONS.

N

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CONSTRUCTION DOCUMENTS
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Hilton Head Island, South Carolina

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SOUTH CAROLINA
David A. Wills Jr.
No.29529
06/30/2016
DAVID A. WILLS, JR.

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PROJECT NUMBER
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SHEET TITLE
CHILDRENS MUSEUM POWER & TELECOM. PLAN

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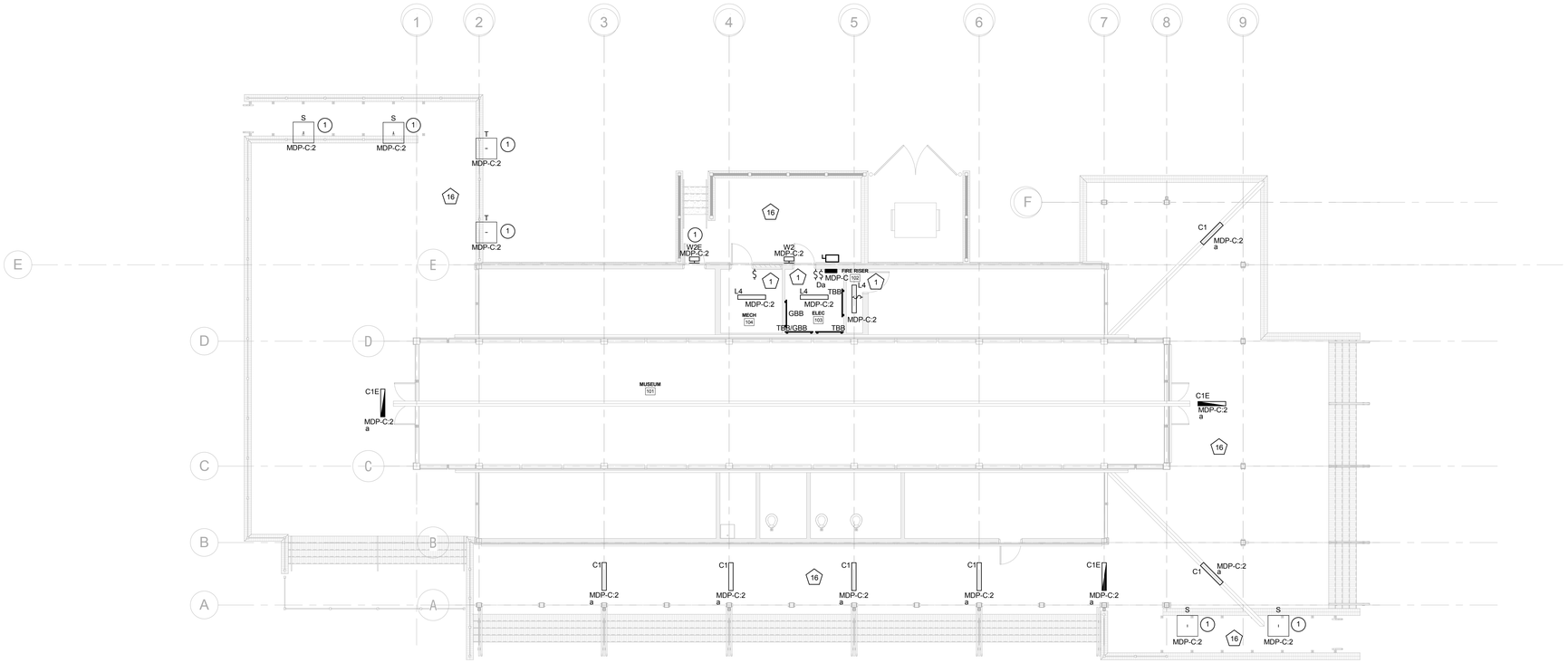

1 E1.102 CHILDRENS MUSEUM LIGHTING PLAN
SCALE: 1/8" = 1'-0"

LIGHT FIXTURE PLAN KEY

SHADING INDICATES EMERGENCY FIXTURE USED BY GENERATOR OR SUPPLIED WITH EMERGENCY BATTERY PACK

CE d
NL A:2

CE	= UPPERCASE LETTER / LETTERS INDICATE FIXTURE TYPE
d	= LOWERCASE LETTER INDICATES SWITCH IDENTIFICATION
NL or EM	= INDICATES NON SWITCHED "NIGHT LIGHT" / "EMERGENCY"
A:9	= DESIGNATES PANEL NAME: CIRCUIT NUMBER

NOTE:
ALL "EM" FIXTURES INDICATED IN PLAN CONTAIN EMERGENCY BALLASTS OR CONNECTION TO GENERATOR. ALL EMERGENCY BALLAST FIXTURES REQUIRE AN EXTRA CONSTANT POWER CONDUCTOR TO BE CONNECTED TO THE EMERGENCY BALLAST FOR CHARGING. CONDUCTOR MUST NOT BE CONTROLLED BY ANY LIGHTING SYSTEM OR HAVE POWER INTERUPTED AT ANY TIME. "NL" FIXTURES SHALL HAVE ABSOLUTELY NO LIGHTING CONTROL & SHALL BE OPERATIONAL AT ALL TIMES.

IN BOTH CASES "EM" & "NL" , WHERE UTILITY POWER SHOULD FAIL, FIXTURES SHALL REMAIN OPERATIONAL FOR A MINIMUM 90 MINUTES @ 1400 LUMENS WITH AT LEAST 2 LAMPS OPERATIONAL

LIGHT CONTROL SCHEME

LIGHTING CONTROL SYMBOL CORRELATES WITH DESIRED CONTROL SCHEME AS INDICATED IN THE LIGHTING CONTROL SCHEME SCHEDULE

KEY NOTES

1. FIXTURE TO BE PROVIDED WITH REMOTE EMERGENCY BATTERY PACK WITHIN BUILDING INTERIOR AS MANUFACTURED BY PHILIPS BODINE OR EQUAL.

GENERAL NOTES

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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SOUTH CAROLINA
David A. Wills
No.29529
06/30/2016
DAVID A. WILLS, JR.

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DATE
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PROJECT NUMBER
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SHEET TITLE
CHILDRENS MUSEUM LIGHTING PLAN

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DWG Project No. 15008-00

SHEET NUMBER
E1.102

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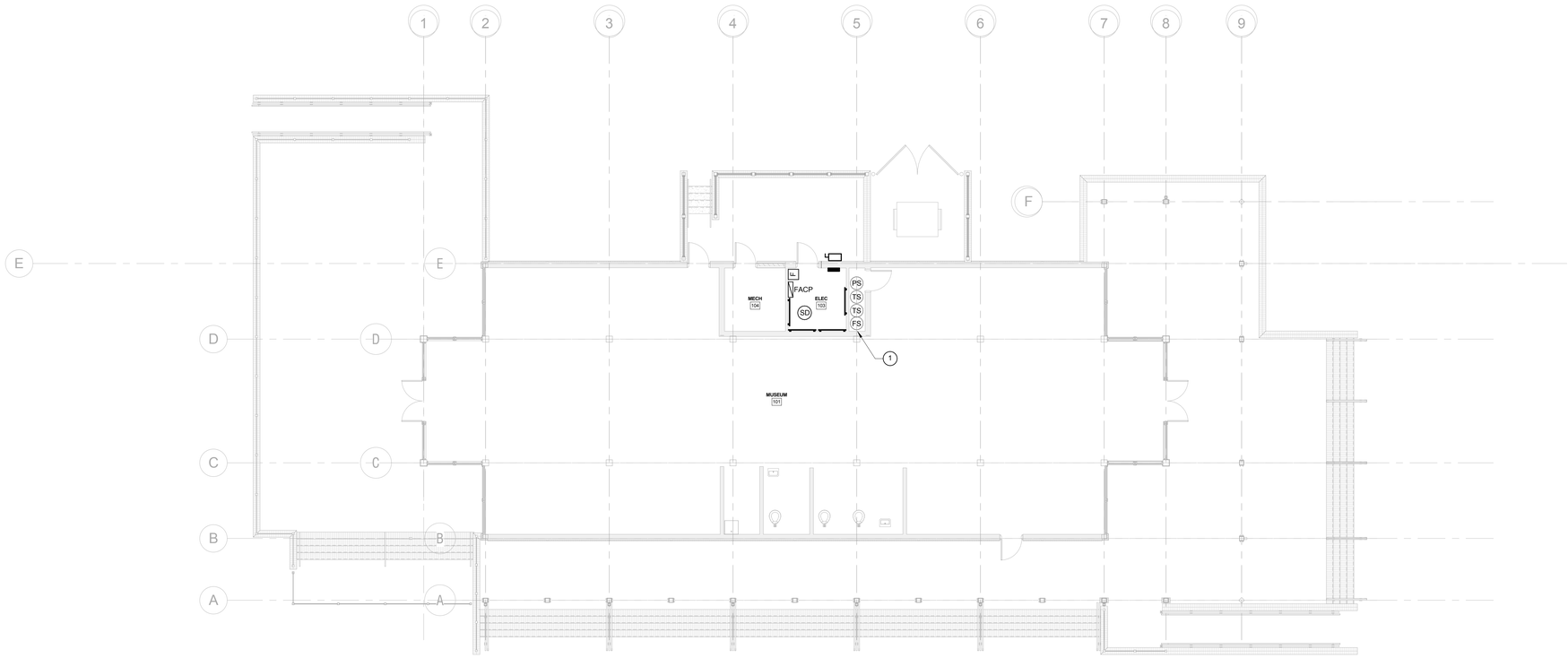

1 / E1.103 CHILDRENS MUSEUM SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

KEY NOTES

1. COORDINATE QUANTITY OF PRESSURE, FLOW, AND TAMPER SWITCHES WITH FIRE PROTECTION DRAWINGS.

GENERAL NOTES

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY:
MWC

CHECKED BY:
DAW

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PROFESSIONAL STAMPS:

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
DWG, INC.
CONSULTING ENGINEERS
No.C03649

SOUTH CAROLINA
David A. Wills Jr.
No.29529
06/30/2016
DAVID A. WILLS JR.

#	REVISION	DATE	BY

DATE
06/30/2016

PROJECT NUMBER
01-16002

SHEET TITLE
CHILDRENS MUSEUM SYSTEMS PLAN

SHEET NUMBER
E1.103

N

DWG CONSULTING ENGINEERS
Wood+Partners Inc. WiPi
Landscape Architects
Land Planners
PO Box 23949 ▪ Hilton Head Island, SC 29925
843.681.6618 ▪ Fax 843.681.7068 ▪ www.woodandpartners.com

DWG Project No. 15008-00

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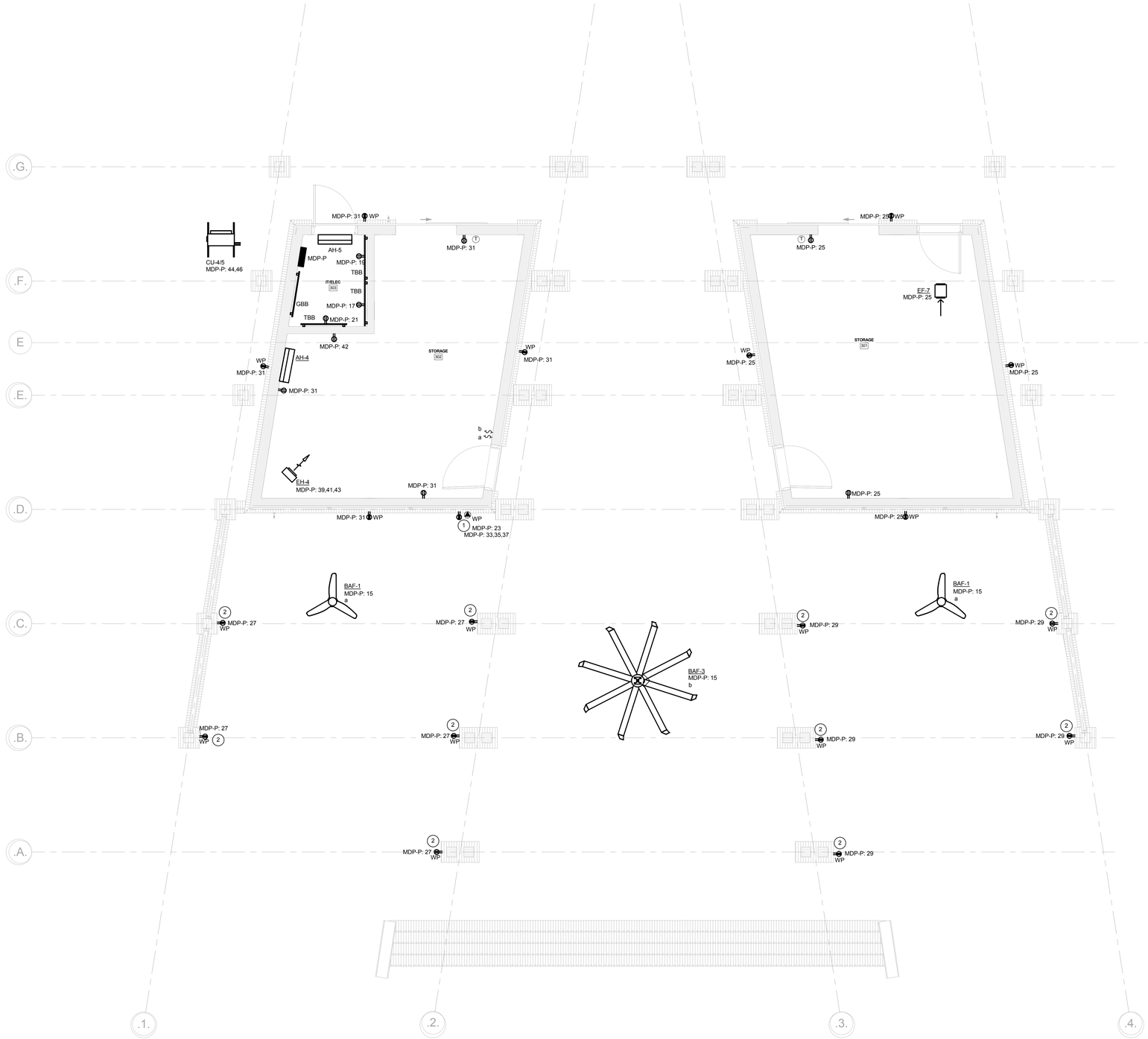

1 PAVILION POWER & TELECOM. PLAN
E2.101 SCALE: 1/4" = 1'-0"

KEY NOTES

1. PROVIDE COLE LIGHTING TL310-WCS PLUG BOX FOR EXTERIOR WEATHERPROOF RECEPTACLE ENCLOSURE. PROVIDE WITHIN ENCLOSURE:
   - LEGRAND CR6369 TWIST LOCK W/ 3#8 & 1#10(G) in 3/4"C.
   - 5-20R GFCI RECEPTACLE.
2. RECEPTACLE TO BE FED FROM UNDERGROUND.

GENERAL NOTES

1. ALL EXPOSED CONDUIT SHALL BE RUN BEHIND AND ON TOP OF STRUCTURAL BEAMS TO MAXIMIMIZE CONCEALMENT. ALL EXPOSED CONDUIT SHALL BE PAINTED.
2. SEE SITE PLAN FOR CAMERA ROUGH-IN LOCATIONS.

N

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SHEET TITLE
PAVILION POWER & TELECOM. PLAN

SHEET NUMBER
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listen. consult. sustain
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DWG Project No. 15008-00

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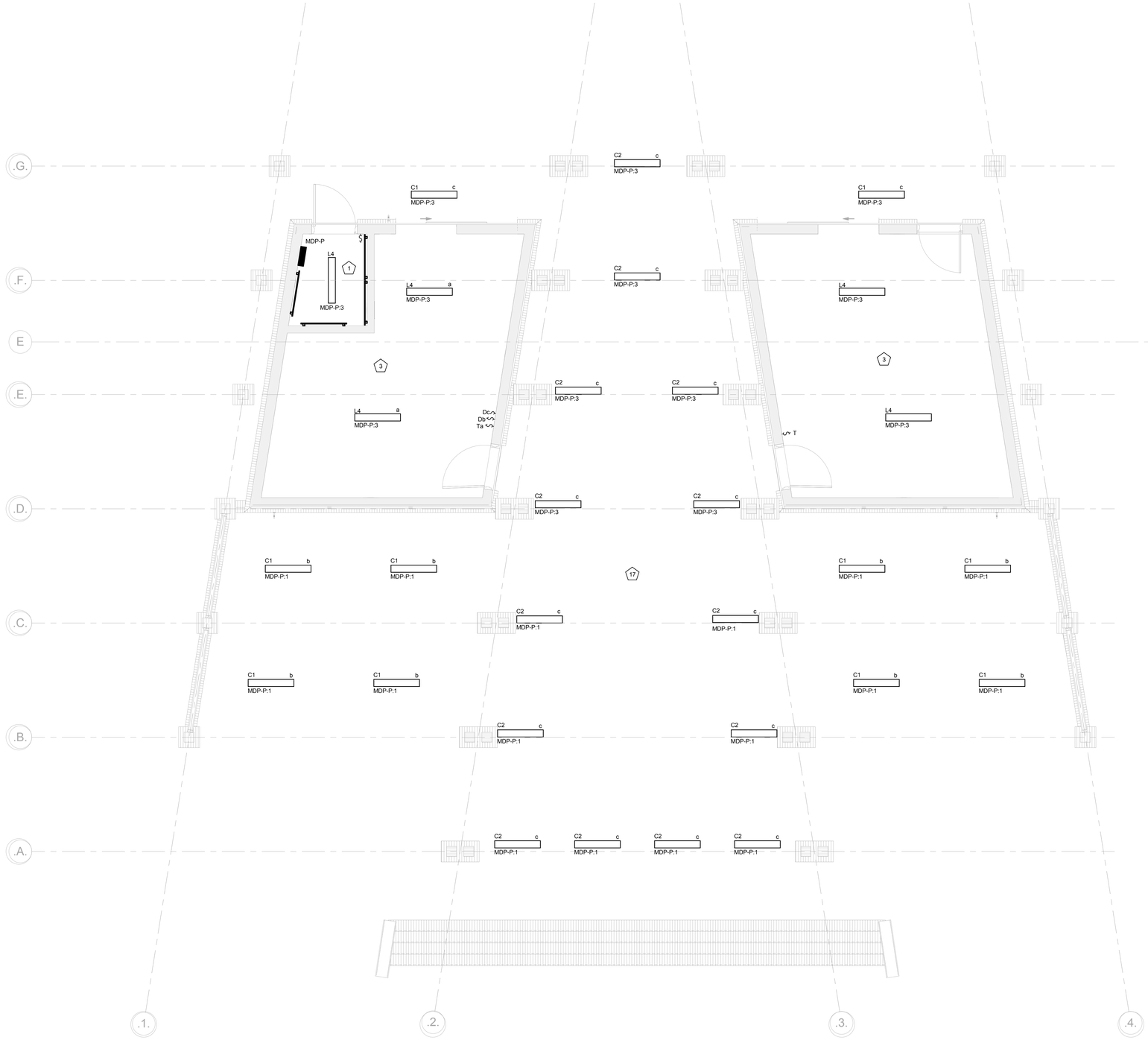

1 E2.102 PAVILION LIGHTING PLAN
SCALE: 1/4" = 1'-0"

N

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SOUTH CAROLINA
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SHEET NUMBER
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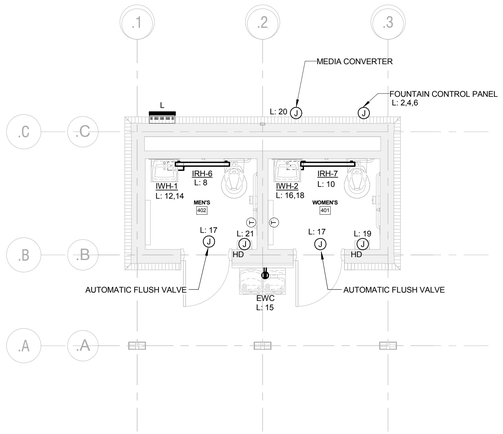
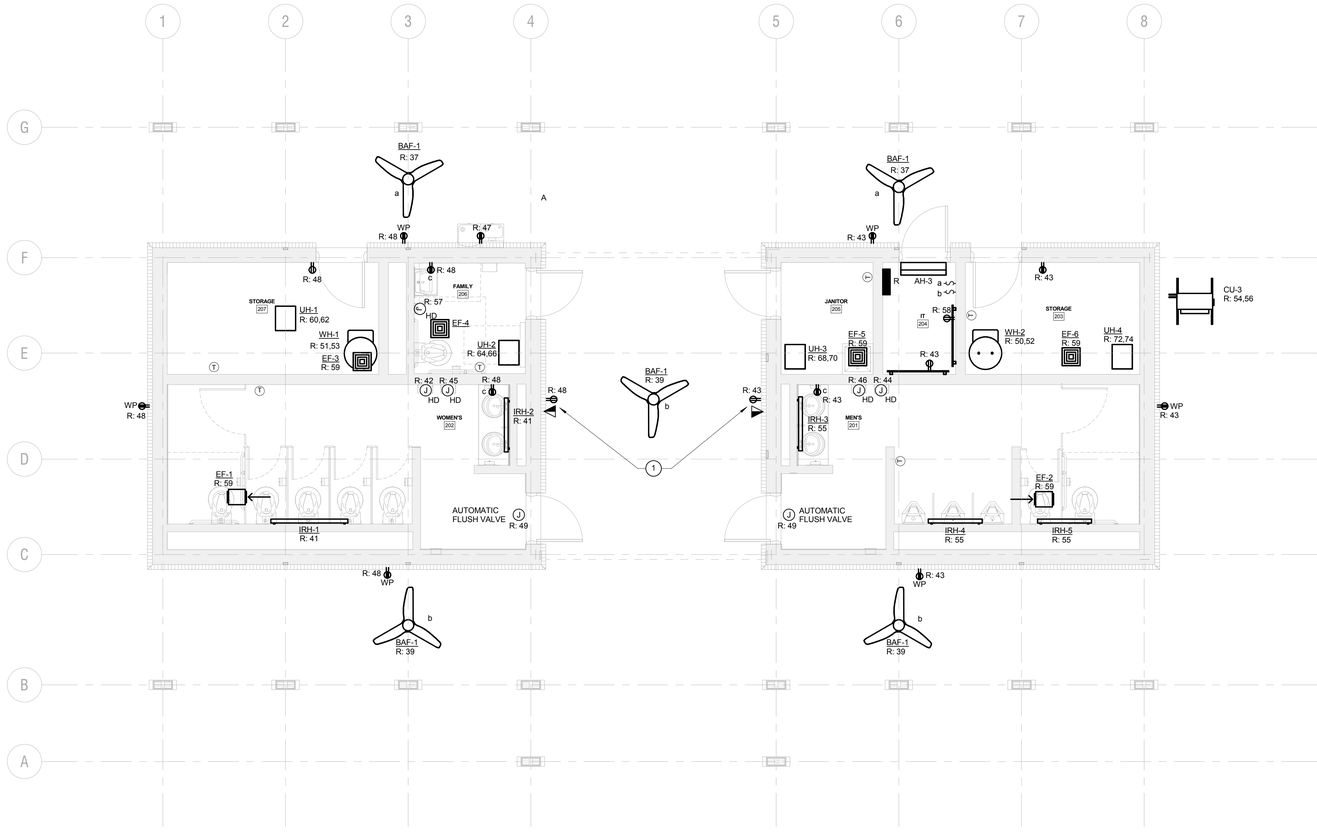
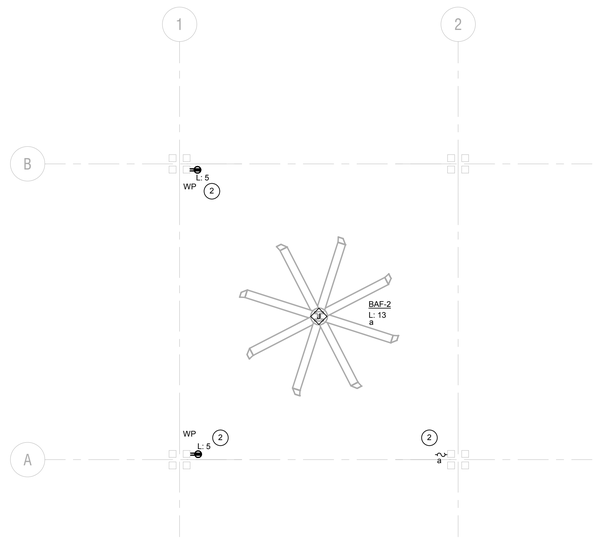


1 E3.101 RESTROOM MAIN - POWER & TELECOM. PLAN
SCALE: 1/4" = 1'-0"



2 E3.101 RESTROOM MAIN - POWER & TELECOM. PLAN
SCALE: 1/4" = 1'-0"



3 E3.101 POND PAVILION - POWER & TELECOM. PLAN
SCALE: 1/4" = 1'-0"

KEY NOTES

1. POWER/DATA FOR FUTURE VIDEO DISPLAYS. COORDINATE LOCATION AND MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.
2. COORDINATE WITH HANDRAIL INSTALLATION. USE MC CABLE TO ROUTE POWER THROUGH GAPS OF PAVILION FRAMING.

GENERAL NOTES

1. ALL EXPOSED CONDUIT SHALL BE RUN BEHIND AND ON TOP OF STRUCTURAL BEAMS TO MAXIMIMIZE CONCEALMENT. ALL EXPOSED CONDUIT SHALL BE PAINTED.
2. SEE SITE PLANS FOR CAMERA ROUGH-IN LOCATIONS.

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RESTROOM POWER & TELECOM. PLANS

SHEET NUMBER
E3.101

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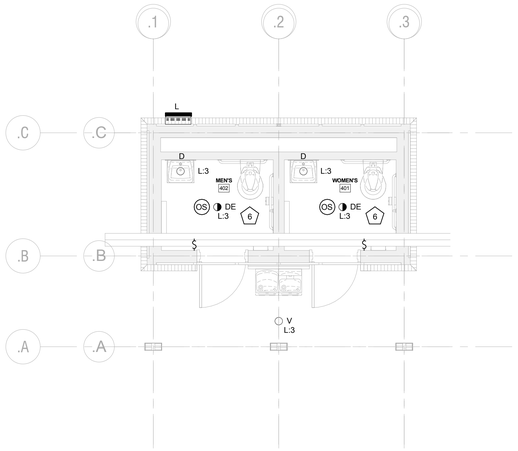
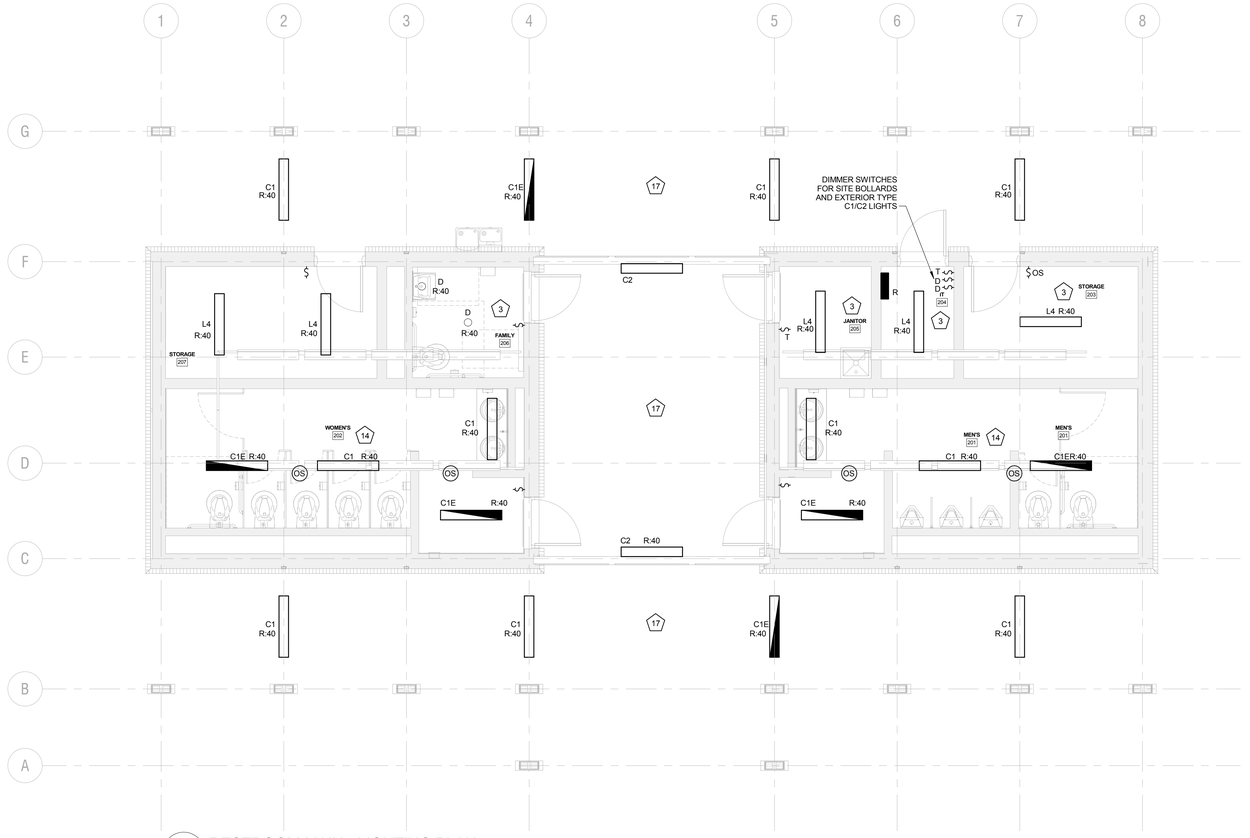


1 E3.102 POND RESTROOM - LIGHTING PLAN
SCALE: 1/4" = 1'-0"



2 E3.102 RESTROOM MAIN - LIGHTING PLAN
SCALE: 1/4" = 1'-0"

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DWG Project No. 15008-00

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Fire Sprinkler System Specification Sheet
(Per §40-10-250)

Project Data

Project name: COLIGNY PARK - CHILDREN'S MUSEUM

Location in South Carolina: Address (street # & street name): 2274 CLEMENTS FERRY RD — State project: ☐ Yes ☒ No
City: CHARLESTON — County: BERKELEY — State project #: N/A

Water Supply Information
(flow test data must be less than 1 year old per §40-10-250(A)(1))

Date test conducted: 05 / 09 / 2016 — Static pressure (psi): 62 — Residual pressure (psi): 48 — Flow (gpm): 1029.9

Distances of test gauges relative to the base of the riser: Horizontal (ft): 150 — Vertical (elevation difference in ft): 0

Source of water supply: ☐ Municipal dead-end ☒ Municipal circulation ☐ Other: — Pipe Size (in.): 8

Test data by/from: Name: JOE GILLING — Title: N/A
Organization: OUTSOURCE SERVICES, INC. — Telephone #: 843-683-9503

Fire pump: ☐ Yes ☒ No — Pump Capacity (gpm): N/A — Churn Pressure (psi): N/A
☐ New ☐ Existing — Rated Pressure (psi): N/A — Pressure @ 150% flow (psi): N/A

On-site storage tank: ☐ Yes ☒ No — ☐ New ☐ Existing — Tank capacity (gallons): N/A

NFPA Hazard Classification
(attach continuation page when necessary)

Area #	Class or Code Reference	Description of Hazard Protected (commodity description, storage height, and arrangement as applicable.)
1	LIGHT HAZARD	BATHROOMS (SLOPED CEILINGS)
2	ORDINARY GROUP 1	EXHIBIT AREAS AND MECH., ELEC., & JANITORS ROOMS (SLOPED CEILINGS)
3	LIGHT HAZARD	EXTERIOR COMBUSTIBLE CANOPY - DRY PIPE SYSTEM

Design Parameters
(attach continuation page when necessary)

Area #	System Type	Density (gpm/ft²) / Area (ft²) or Other (reference code section)	Inside Hose (gpm)	Outside Hose (gpm)
1	WET	0.10 / 1950	---	100
2	WET	0.15 / 1950	---	250
3	DRY	0.10 / 1950	---	100

Seismic Design Data: S_{DS}= 0.387

Codes and Standards
(attach continuation page when necessary)

Applicable Codes, Standards & Editions (i.e. "2006 IBC", "2007 NFPA 13", etc.) for the Scope of Work on the Sprinkler System

NFPA 13, 2010 EDITION; 2012 IBC; 2012 IFC

Scope of work (such as sprinkler system A.G. from 1'-0" A.F.F., U.G. from tap to 5'-0" outside, etc.) and notes (attach continuation page when necessary):
NEW ABOVEGROUND WET PIPE SPRINKLER SYSTEM & DRY PIPE SPRINKLER SYSTEM STARTING AT 5'-0" OUTSIDE OF BUILDING IN ACCORDANCE WITH NFPA 13, 2010.

Specifier's Information

Name: MARK UYAK
Engineering services provided through a firm: ☒ Yes ☐ No
Firm name: DWG, INC CONSULTING ENGINEERS
Address: 1009 ANNA KNAPP BLVD, SUITE 202
City: MT. PLEASANT
State: SOUTH CAROLINA Zip: 29464
Phone #: (843) 849-1141 Fax #: (843) 849-6756
E-mail: MUYAK@DWGINC.COM

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION — DWG, INC. CONSULTING ENGINEERS No.C03649 — Certificate of Authorization

SOUTH CAROLINA PROFESSIONAL ENGINEER — No.27045 — MARK A. UYAK — Professional Engineer's Seal

Revision No.: _____ Page 1 of 1 Signature: _____ Date: 06/28/16

GENERAL FIRE PROTECTION NOTES

1. DO NOT SCALE DRAWINGS. ROUGH FROM ARCHITECTURAL AND EQUIPMENT MANUFACTURER'S DRAWINGS. COORDINATE CEILING FINISHES AND HEIGHTS AS APPLICABLE.
2. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH NFPA 13, 2010 EDITION AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
3. COORDINATE SPRINKLER SYSTEMS WITH ALL TRADES TO AVOID INTERFERENCE AND CONFLICTS PRIOR TO INSTALLATION OF PIPING, VALVES, AND EQUIPMENT.
4. LOCATE VALVES TO PERMIT EASY ACCESSIBILITY AND IN ACCORDANCE WITH NFPA 13.
5. WHENEVER THE WORD "PROVIDE" IS USED, IT SHALL MEAN FURNISH AND INSTALL COMPLETE AND READY FOR USE.
6. UNLESS OTHERWISE SHOWN OR NOTED, ALL PIPING SHALL BE RUN CONCEALED IN WALLS, CHASES, AND/OR ABOVE CEILINGS.
7. PROVIDE SPRINKLER COVERAGE THROUGHOUT BUILDING IN ACCORDANCE WITH SPECIFICATIONS AND NFPA 13, 2010 EDITION.
8. SPRINKLER CONTRACTOR SHALL PROVIDE A WALL MOUNTED ELECTRIC ALARM BELL WITH BATTERY BACKUP TO SOUND ALARM CONDITIONS. THE BELL SHALL BE CONNECTED TO THE PRESSURE AND FLOW SWITCHES ON THE SPRINKLER SERVICE RISER. REFER TO THE ELECTRICAL DRAWINGS FOR ALL ASSOCIATED WIRING.
9. PROVIDE SEISMIC BRACING PER NFPA 13, 2010 EDITION.
10. ALL SPRINKLER HEADS SHALL BE CENTERED IN LAY-IN CEILING TILES OR CENTERED IN "HALF-TILE" LOCATIONS THROUGHOUT THE BUILDING.
11. SPRINKLER HEADS SHALL BE QUICK RESPONSE, STANDARD COVERAGE TYPE THROUGHOUT THE BUILDING.
12. THE BUILDING HAS STRUCTURAL COMPONENTS, PIPING, DUCTWORK, RACEWAYS, SUSPENDED LIGHT FIXTURES, ETC. THAT IMPOSE OBSTRUCTIONS TO SPRINKLERS. CONTRACTOR SHALL PROVIDE HEADS APPROPRIATELY BELOW AND ABOVE, OR ON EACH SIDE OF, OBSTRUCTIONS TO PROVIDE PROPER COVERAGE OF THE ENTIRE FACILITY IN ACCORDANCE WITH NFPA 13 AS IT RELATES TO OBSTRUCTIONS.
13. ALL SITE UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. VERIFY EXACT LOCATION AND INVERT ELEVATION IN FIELD BEFORE BEGINNING WORK.
14. ALL SUSPENDED PIPING SHALL BE SUPPORTED FROM FLOOR AND/OR ROOF STRUCTURAL MEMBERS. IN NO CASE SHALL PIPING BE SUSPENDED FROM FLOOR AND ROOF DECK.
15. ALL PIPING IN AREAS WITH EXPOSED STRUCTURE SHALL BE INSTALLED TIGHT TO EXPOSED BEAMS. EXACT LOCATIONS OF PIPING AND SPRINKLER HEADS IN PLAN AND ELEVATION SHALL BE COORDINATED WITH THE ARCHITECT DURING THE SHOP DRAWING REVIEW PHASE.
16. ALL WORK AND SYSTEM OUTAGES SHALL BE COMPLETED IN ACCORDANCE WITH NFPA 25 AND SHALL BE FULLY COORDINATED WITH THE OWNER.
17. CONTRACTOR SHALL PERFORM AND PROVIDE ALL REQUIRED HYDRAULIC CALCULATIONS FOR NEW SYSTEM USING THE FIRE FLOW TEST DATA. IF FIRE FLOW TEST DATA IS MORE THAN 12 MONTHS OLD, THE CONTRACTOR SHALL PROVIDE A NEW FIRE FLOW TEST.
18. COORDINATE SPRINKLER SYSTEMS WITH STRUCTURE AND ALL OTHER TRADES TO AVOID INTERFERENCE AND CONFLICTS PRIOR TO INSTALLATION OF PIPING, VALVES, AND EQUIPMENT.
19. FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED SUBMITTALS TO AUTHORITIES HAVING JURISDICTION FOR PERMITTING AND ANY OTHER REQUIRED SUBMITTALS OR APPROVALS. FIRE SPRINKLER SHOP DRAWINGS, PRODUCT DATA, HYDRAULIC CALCULATIONS, AND SEISMIC CALCULATIONS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW. CONTRACTOR SHALL ADDRESS ALL COMMENTS BY THE ENGINEER OF RECORD UNTIL PRELIMINARY REVIEW IS COMPLETE PRIOR TO SUBMITTING TO THE AUTHORITY HAVING JURISDICTION FOR PERMITTING.
20. INTERIOR SPRINKLER PIPING SHALL BE SCHEDULE 10 OR SCHEDULE 40 BLACK STEEL. EXTERIOR PIPING SHALL BE SCHEDULE 10 OR SCHEDULE 40 GALVANIZED STEEL PIPING AND FITTINGS. SEE SPECIFICATIONS FOR ADDITIONAL PIPING REQUIREMENTS.
21. THE END SPRINKLER ON A LINE SHALL BE RESTRAINED PER NFPA 13, 2010. SHOW DETAIL FOR END OF LINE RESTRAINTS ON SHOP DRAWING.
22. COORDINATE WORK WITH AUTHORITY HAVING JURISDICTION. OBTAIN ALL PERMITS AND PASS ALL INSPECTIONS FROM AUTHORITY HAVING JURISDICTION.

FIRE PROTECTION SYMBOL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SPRINKLER PIPING		PRESSURE GAUGE
	GATE VALVE	PS	PRESSURE SWITCH
	SWING CHECK VALVE	TS	TAMPER SWITCH
	BUTTERFLY VALVE	FS	FLOW SWITCH

LIGHT HAZARD

LIGHT HAZARD, DRY PIPE SYSTEM

ORDINARY HAZARD, GROUP 1

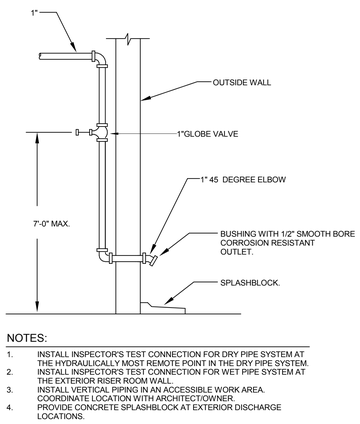
OUTSIDE OF SCOPE OF WORK

FIRE PROTECTION CODES & STANDARDS

CODE	DESCRIPTION
ASCE 7-10	MINIMUM DESIGN LOADS FOR BUILDINGS & OTHER STRUCTURES
I.B.C. (2012)	INTERNATIONAL BUILDING CODE
I.F.C. (2012)	INTERNATIONAL FIRE CODE
NFPA 13 (2010)	STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
NFPA 25 (2011)	STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS

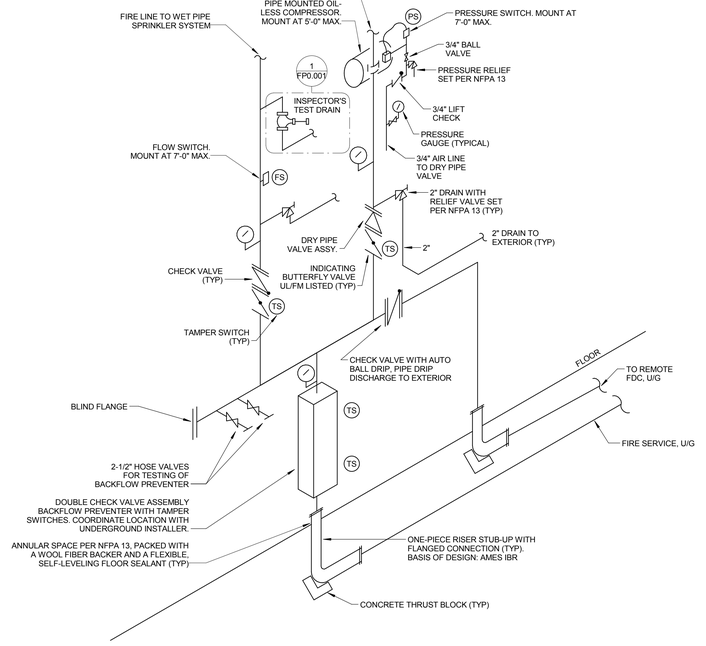
ABBREVIATIONS

ABR	DESCRIPTION
(E)	EXISTING
AFC	ABOVE FINISHED CEILING
FDC	FIRE DEPARTMENT CONNECTION
FP	FIRE PROTECTION
FS	FIRE SPRINKLER
PSIG	POUNDS PER SQUARE INCH GAUGE
SF	SQUARE FOOT
TYP	TYPICAL
U/G	UNDERGROUND
UNO	UNLESS OTHERWISE NOTED



NOTES:
1. INSTALL INSPECTOR'S TEST CONNECTION FOR DRY PIPE SYSTEM AT THE HYDRAULICALLY MOST REMOTE POINT IN THE DRY PIPE SYSTEM.
2. INSTALL INSPECTOR'S TEST CONNECTION FOR WET PIPE SYSTEM AT THE EXTERIOR RISER ROOM WALL.
3. INSTALL VERTICAL PIPING IN AN ACCESSIBLE WORK AREA. COORDINATE LOCATION WITH ARCHITECT/OWNER.
4. PROVIDE CONCRETE SPLASHBLOCK AT EXTERIOR DISCHARGE LOCATIONS.

1 FP0.001 **INSPECTORS DRAIN CONNECTION DETAIL**
NOT TO SCALE



2 FP0.001 **FIRE CONNECTION PIPING SCHEMATIC**
NOT TO SCALE

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SOUTH CAROLINA PROFESSIONAL ENGINEER — No.27045 — 06/30/2016 — MARK A. UYAK

#	REVISION	DATE	BY

DATE: 06/30/2016
PROJECT NUMBER: 01-16002
SHEET TITLE: FIRE PROTECTION NOTES & LEGENDS

SHEET NUMBER: FP0.001

DWG CONSULTING ENGINEERS — Wood+Partners Inc. WiPi — Landscape Architects Land Planners

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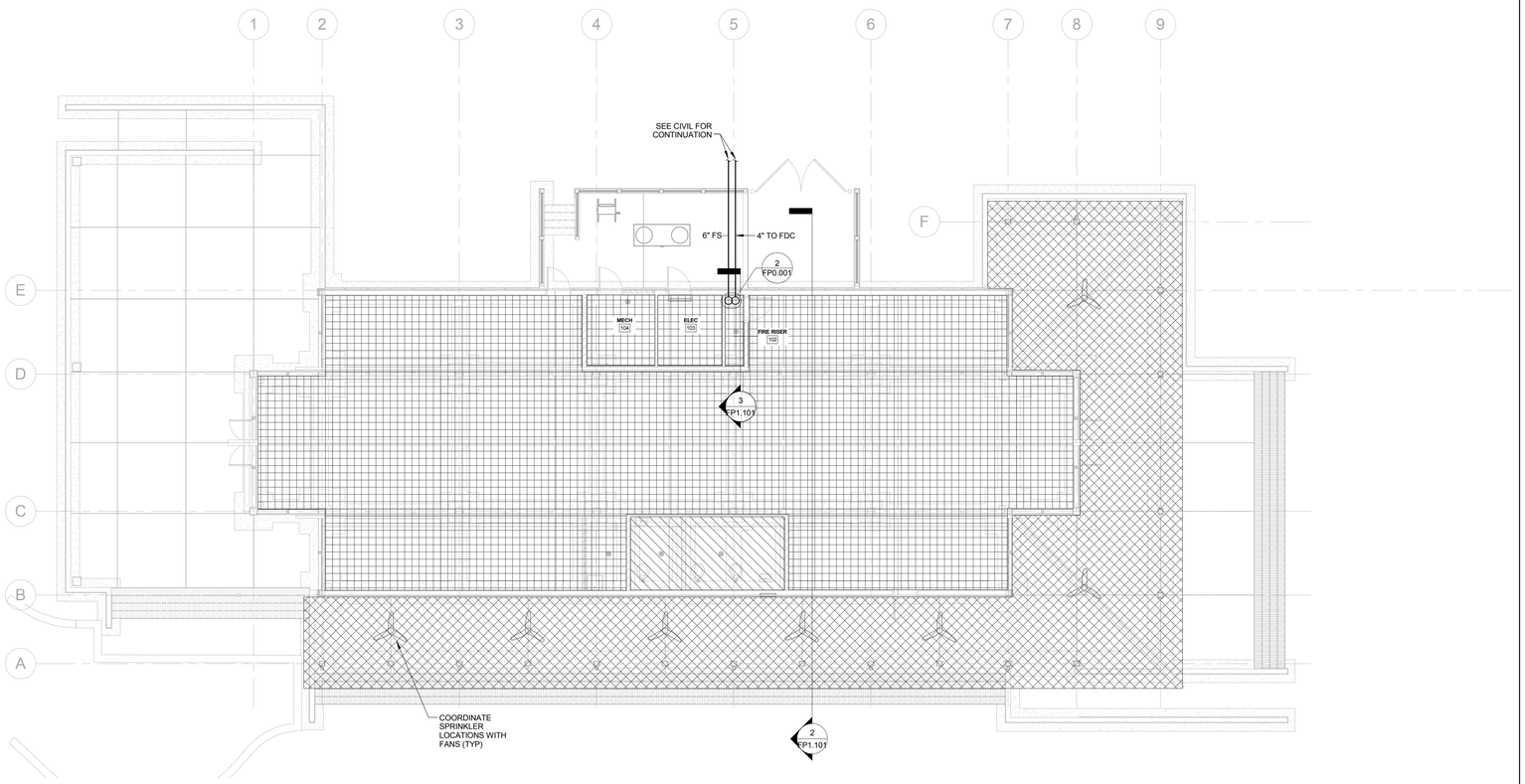
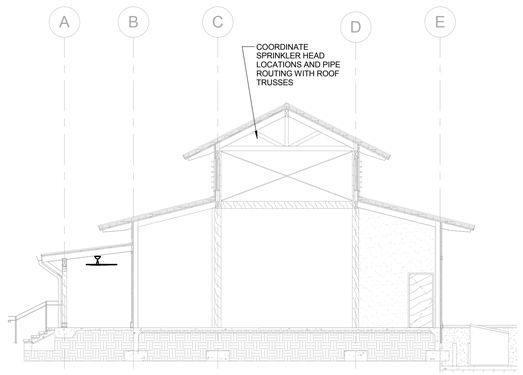
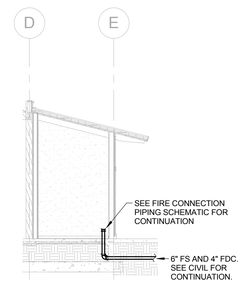


1 FP1.101 MUSEUM FIRE PROTECTION PLAN
SCALE: 1/8" = 1'-0"



2 FP1.101 FIRE PROTECTION SECTION
SCALE: 1/8" = 1'-0"



3 FP1.101 FIRE PROTECTION SECTION
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. MEANS TO ENSURE AREAS WITH WET PIPE SPRINKLER SYSTEM ARE MAINTAINED AT LEAST 40' WILL BE PROVIDED BY OTHERS DURING LATER UPFIT PHASE.
2. SPRINKLER SYSTEM PIPING AND SPRINKLER HEADS SHALL BE CONCEALED TO THE GREATEST EXTEND POSSIBLE. EXPOSED SPRINKLER PIPING SHALL BE PAINTED TO MATCH ARCHITECTURAL BACKGROUND COLORS.
3. SPRINKLER HEADS IN EXTERIOR LOCATIONS SHALL BE LISTED FOR CORROSION RESISTANCE. BASIS OF DESIGN: VICTAULIC NICKEL-TEFLON COATING.

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SOUTH CAROLINA No.27045 06/30/2016 MARK A. UYAK

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SEISMIC AND WIND REQUIREMENTS FOR MECHANICAL SYSTEMS

IBC-2012 /ASCE 7-10

A. PER SECTION 301.15 OF THE 2012 EDITION OF THE INTERNATIONAL MECHANICAL CODE, MECHANICAL EQUIPMENT, APPLIANCES AND SUPPORTS (INCLUDING ROOF CURBS & ROOF RAILS) EXPOSED TO WIND SHALL BE DESIGNED AND INSTALLED TO RESIST THE WIND PRESSURES DETERMINED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. WHERE SEISMIC RESTRAINT IS REQUIRED, THE MORE DEMANDING FORCE OF WIND AND SEISMIC MUST BE USED. SEE SEISMIC INFORMATION CONTAINED IN THE STRUCTURAL DRAWINGS FOR SITE SPECIFIC INFORMATION ON SEISMIC DESIGN CATEGORY.

B. SEE EQUIPMENT SCHEDULES AND DETAILS FOR SPECIFIC COMPONENT IMPORTANCE FACTOR DESIGNATIONS.

C. USE APPLICABLE TABLE BELOW TO DETERMINE SEISMIC RESTRAINT REQUIREMENTS FOR EACH MECHANICAL COMPONENT.

D. FOR ALL COMPONENTS REQUIRING SEISMIC RESTRAINT, THE COMPONENT SUPPORTS AND ATTACHMENTS SHALL BE DESIGNED BY A REGISTERED DESIGN PROFESSIONAL. SUBMITTALS MUST INCLUDE STAMPED AND SIGNED DRAWINGS AND CALCULATIONS.

E. WHERE SEISMIC RESTRAINT IS REQUIRED, HOUSEKEEPING PADS NEEDED FOR THE INSTALLATION OF EQUIPMENT UNDER THIS CONTRACT MUST BE DESIGNED BY THE SEISMIC ENGINEER. DO NOT POUR ANY HOUSEKEEPING PADS PRIOR TO THE RECEIPT OF THE SEISMIC SUBMITTAL.

F. SEISMIC RESTRAINTS FOR PIPING AND DUCTWORK MUST BE SHOWN ON LAYOUT DRAWINGS SHOWING SPECIFIC RESTRAINT LOCATIONS ALONG WITH ACCOMPANYING DETAILS AND CALCULATIONS.

MECHANICAL COMPONENT IMPORTANCE FACTOR (Ip) DESIGNATION

Ip = 1.0	Ip = 1.5
• ALL HVAC COMPONENTS EXCEPT AS NOTED IN Ip=1.5	

SEISMIC DESIGN CATEGORIES D,E,F

		COMPONENT IMPORTANCE FACTOR (Ip)			
		1.0		1.5	
COMPONENT IDENTIFICATION		SEISMIC RESTRAINT REQUIREMENT	NOTES	SEISMIC RESTRAINT REQUIREMENT	NOTES
ROOF MOUNTED		RESTRAIN ALL	1	RESTRAIN ALL	-
FLOOR MOUNTED		RESTRAIN ALL	1, 2	RESTRAIN ALL	-
WALL MOUNTED		RESTRAIN ALL	1, 2	RESTRAIN ALL	-
COMPONENT SUPPORTS		RESTRAIN ALL	1	RESTRAIN ALL	-
SUSPENDED EQUIPMENT	INLINE W/ DUCT	RESTRAIN IF >75 LBS PROVIDE FLEX. CONN.	3	RESTRAIN IF >75 LBS PROVIDE FLEX. CONN.	3
	NOT INLINE W/ DUCT/PIPE	RESTRAIN ALL	1	RESTRAIN ALL	-
SUSPENDED DUCTILE PIPING (STEEL, ALUMINUM, COPPER, ETC.)		>3"	4	>1"	4
SUSPENDED NON DUCTILE PIPING (CAST IRON, PLASTIC, CERAMIC)		RESTRAIN ALL	4	RESTRAIN ALL	4
SUSPENDED PIPE ON TRAPEZE		RESTRAIN IF ANY PIPE ON TRAPEZE > 3" RESTRAIN IF TOTAL WEIGHT OF PIPES ON TRAPEZE > 10 LBS/FT	4	RESTRAIN IF ANY PIPE ON TRAPEZE > 1" RESTRAIN IF TOTAL WEIGHT OF PIPES ON TRAPEZE > 10 LBS/FT	4
DUCTWORK		6 SQ.FT. AND LARGER	-	6 SQ.FT. AND LARGER	5
MULTIPLE DUCTS ON TRAPEZE		RESTRAIN IF TOTAL WEIGHT OF DUCTS ON TRAPEZE > 10 LBS/FT	4	RESTRAIN IF TOTAL WEIGHT OF DUCTS ON TRAPEZE > 10 LBS/FT	4
COMPONENT CERTIFICATION (SEE NOTE 6)		NOT REQUIRED	6	REQUIRED	6

NOTES:
1. EQUIPMENT 20 LBS. OR LESS IS EXEMPT IF FLEXIBLE CONNECTIONS ARE PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.
2. RESTRAINTS ARE NOT REQUIRED IF THE COMPONENT WEIGHS 400 LBS. OR LESS, IS MOUNTED AT 4 FT. OR LESS ABOVE A FLOOR, AND HAS FLEXIBLE CONNECTIONS BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.
3. FLEXIBLE CONNECTIONS REQUIRED FOR PIPE CONNECTIONS ONLY.
4. RESTRAINT IS NOT REQUIRED IF THE PIPING / DUCTWORK IS SUPPORTED BY HANGERS AND EACH HANGER IN THE PIPING RUN IS 12 IN. OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE SUPPORTING STRUCTURE. WHERE PIPES ARE SUPPORTED ON A TRAPEZE, THE TRAPEZE SHALL BE SUPPORTED BY HANGERS HAVING A LENGTH OF 12 IN. OR LESS. WHERE ROD HANGERS ARE USED, THEY SHALL BE EQUIPPED WITH SWIVELS, EYE NUTS OR OTHER DEVICES TO PREVENT BENDING IN THE ROD.
5. ALL DUCTWORK , REGARDLESS OF SIZE, DESIGNED TO CARRY TOXIC, HIGHLY TOXIC, OR EXPLOSIVE GASES OR USED FOR SMOKE CONTROL MUST BE RESTRAINED.
6. COMPONENT CERTIFICATION MUST BE SUPPLIED BY THE EQUIPMENT MANUFACTURER AT TIME OF SUBMITTAL FOR REVIEW BY ENGINEER OF RECORD.

GENERAL HVAC NOTES

1. THE DRAWINGS SHOW THE GENERAL ARRANGEMENT AND LOCATION OF EQUIPMENT, DUCTWORK, PIPING, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE MECHANICAL INSTALLATION W/ THE STRUCTURE AND OTHER TRADES AND SHALL PROVIDE ADDITIONAL OFFSETS AND FITTINGS AS NECESSARY.
2. COORDINATE WORK WITH AUTHORITY HAVING JURISDICTION AND OBTAIN ALL PERMITS AND INSPECTIONS.
3. PROVIDE OWNER WITH CERTIFICATES OF FINAL INSPECTION AND ACCEPTANCE FROM AUTHORITY HAVING JURISDICTION.
4. THE HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS SHALL COMPLY WITH THE THE CODES LISTED ON THIS SHEET AS WELL AS ALL LOCAL CODE OFFICIAL REQUIREMENTS. IN THE EVENT OF A CONFLICT BETWEEN CODES, THE MOST STRINGENT SHALL ALWAYS GOVERN.
5. DUCT DIMENSIONS ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
6. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CLEARANCES PRIOR TO FABRICATION OR INSTALLATION OF EQUIPMENT, DUCTWORK, AND PIPING SYSTEMS. WHERE CONDITIONS REQUIRE A CHANGE IN DUCT OR PIPE ROUTING, NOTIFY THE ARCHITECT FOR AN ACCEPTABLE ALTERNATIVE METHOD. AVOID ROUTING DUCTWORK DIRECTLY OVER LIGHT FIXTURES, DIFFUSERS, AND OTHER CEILING MTD. DEVICES. LOCATE ALL MECHANICAL EQUIPMENT SO THAT FILTERS AND COMPONENTS REQUIRING ACCESS (SERVICE AND MAINTENANCE) ARE FULLY ACCESSIBLE.
7. PROVIDE CURVED RADIUS ELBOW AT FIRST SUPPLY & RETURN FITTING FOR ALL HVAC UNITS. PROVIDE TURNING VANES IN ALL 90 DEGREE ELBOWS IN ALL RECTANGULAR SUPPLY/RETURN/EXHAUST DUCT SYSTEMS. ANY OFFSETS REQUIRED IN DUCT SYSTEMS SHALL BE INSTALLED PER SMACNA 2005 2ND EDITION MANUAL. SHARP ANGLED TRANSITIONS OR OFFSETS 'WILL NOT BE ALLOWED'. PROVIDE DUCT ACCESS DOORS AS REQUIRED.
8. INSTALL ALL DUCT MOUNTED DEVICES (DAMPERS, ACCESS DOORS, ETC.) AND PIPING SPECIALTIES IN EASILY ACCESSIBLE LOCATIONS. ADVISE THE ARCHITECT IN ADVANCE OF INSTALLATION IF ACCESS WILL BE HINDERED SO AN ALTERNATE LOCATION CAN BE SELECTED.
9. ALL DUCT TAKE-OFFS SHALL BE INSTALLED AS SHOWN BY DETAILS ON THE PLANS WITH A MANUAL BALANCING DAMPER AT EVERY TAKE-OFF. WHERE DUCT RUN-OUT SIZE IS NOT SHOWN PROVIDE DUCT SAME SIZE AS GRILLE NECK SIZE. PRE-INSULATED FLEXIBLE DUCT MAY BE USED FOR FINAL CONNECTION TO SUPPLY GRILLES (MAX. LENGTH 5').
10. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH PRESCRIBED CLEARANCES FOR SERVICE AND MAINTENANCE. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IF RECOMMENDED CLEARANCES ARE NOT POSSIBLE BEFORE INSTALLING EQUIPMENT.
11. SEISMIC PROTECTION OF EQUIPMENT, DUCTWORK, PIPING AND UTILITIES SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 16 OF THE INTERNATIONAL BUILDING CODE, 2012 EDITION. ALL SEISMIC RESTRAINT AND BRACING SHALL BE SUBSTANTIATED BY MANUFACTURER'S SUBMITTALS PER THE SPECIFICATIONS. FOR ADDITIONAL INFORMATION, SEE 'SEISMIC AND WIND REQUIREMENTS FOR MECHANICAL SYSTEMS' ON THIS SHEET. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF SEISMIC BRACING DEVICES WITH THE OWNER'S SEISMIC SPECIAL INSPECTOR. PROVIDE A MINIMUM OF SEVEN DAYS ADVANCE NOTICE OF INSTALLATION.
12. BALANCE ALL AIR DISTRIBUTION DEVICES, EXHAUST FANS, AND OUTSIDE AIR QUANTITIES AS SCHEDULED OR SHOWN ON THE DRAWINGS. PROVIDE MARKERS AT ALL DAMPER LOCATIONS SHOWING FULL OPEN/CLOSED POSITIONS AND DAMPER SETTING FOR REQUIRED AIRFLOW. PROVIDE FINAL TEST AND BALANCE REPORT ALONG W/ SCHEMATIC DRAWINGS SHOWING DIFFUSER LOCATION W/ DESIGN AND ACTUAL CFM. THE DIFFUSER TAGS ON THE DRAWINGS SHALL CORRESPOND TO THE DIFFUSER TAGS ON THE REPORT. THIS REPORT SHALL BE SUBMITTED BEFORE THE FINAL INSPECTION IS PERFORMED. SEE SPECIFICATIONS FOR FURTHER INFORMATION.
13. ALL CONTROL WIRING, CONDUIT AND CONTROLS ACCESSORIES NECESSARY TO IMPLEMENT THE OUTLINED SEQUENCES OF OPERATION SHALL BE PROVIDED BY THE CONTROLS CONTRACTOR.
14. ALL EXPOSED PIPING AND DUCTWORK SHALL BE PAINTED. COORDINATE W/ ARCHITECTURAL PLANS/SPECIFICATIONS FOR EXPOSED LOCATIONS AND PAINTING REQUIREMENTS.
15. SEE ARCHITECTURAL DOCUMENTS FOR ROOF PENETRATION AND FLASHING REQUIREMENTS.
16. WHERE "APPROXIMATELY" IS USED TO DEFINE INSTALLATION LOCATIONS, CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES TO VERIFY THERE ARE NO CONFLICTS PRIOR TO INSTALLATION AT DIMENSION LISTED.

HVAC SYMBOL LEGEND

X Y	AIR TERMINAL TAG, X=TYPE MARK, Y=CFM		COMPONENT TO BE DEMOLISHED
	AIR TERMINAL DIFFUSER (CEILING MOUNTED)	X"x Y"	DUCTWORK (X" = WIDTH, Y" = HEIGHT)
	AIR TERMINAL RETURN GRILLE (CEILING MOUNTED)		TURNING VANES
	SIDEWALL REGISTER / GRILLE		CONDENSING UNIT
T	THERMOSTAT		CEILING MOUNTED EXHAUST FAN
	EQUIPMENT CLEARANCE		PREINSULATED FLEXIBLE DUCT
	FIRE DAMPER		CABLE OPERATED DAMPER
	MANUAL DAMPER		FLEXIBLE DUCT CONNECTION
T	THERMOSTAT (DUCT MOUNTED)	M	MOTORIZED DAMPER
	CONNECTION TO EXISTING SYSTEM		VARIABLE VOLUME TERMINAL UNIT

MECHANICAL CODES & STANDARDS

CODE	DESCRIPTION
IBC (2012)	INTERNATIONAL BUILDING CODE
IECC (2009)	INTERNATIONAL ENERGY CONSERVATION CODE
IMC (2012)	INTERNATIONAL MECHANICAL CODE
NFPA 90A (2009)	STANDARD FOR THE INSTALLATION AIR-CONDITIONING & VENTILATING SYSTEMS
SMACNA	MANUAL FOR THE BALANCING & ADJUSTMENT OF AIR DISTRIBUTION SYSTEMS

DESIGN CONDITIONS

SUMMER	OUTDOOR: 95F DB / 80F WB
	INDOOR: 75F DB / 50% RH
WINTER	OUTDOOR: 25F DB
	INDOOR: 70F DB / 50% RH

MECHANICAL ABBREVIATIONS

ABBR	DESCRIPTION
(E)	EXISTING
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AH	AIR HANDLER
APD	AIR PRESSURE DROP
BOD	BASIS OF DESIGN
BOP	BASIS OF PIPE
CFM	CUBIC FEET PER MINUTE
CU	CONDENSING UNIT
DIA	DIAMETER
DRN	DRAIN
EA	EXHAUST AIR
EF	EXHAUST FAN
EH	ELECTRIC HEATER
ESP	EXTERNAL STATIC PRESSURE
FPM	FEET PER MINUTE
FRPM	FAN ROTATIONS PER MINUTE
FT	FEET
GPM	GALLONS PER MINUTE
HP	HEAT PUMP
HP	HORSEPOWER
IN	INCHES
LAT	LEAVING AIR TEMPERATURE
MBH	THOUSANDS OF BTU'S PER HOUR
MC	MECHANICAL CONTRACTOR
MD	MANUAL DAMPER
NC	NOISE CRITERIA
NO	NORMALLY OPEN
OA	OUTSIDE AIR
PD	PRESSURE DROP
PS	PIPE SUPPORT
RA	RETURN AIR
REFR	REFRIGERANT
RH	RELATIVE HUMIDITY
RPM	ROTATIONS PER MINUTE
SA	SUPPLY AIR
SF	SUPPLY FAN
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS OTHERWISE NOTED
VFD	VARIABLE FREQUENCY DRIVE
VNT	VENT
W/	WITH
WMS	WIRE MESH SCREEN
°F	DEGREES FAHRENHEIT

EXHAUST FAN SCHEDULE

UNIT I.D.	CAPACITY CFM	E.S.P. INCHES W.G.	TYPE	FRPM	MAXIMUM SOUND RATING (SONES)	BASIS OF DESIGN	MODEL
EF-1	375	0.25 in-wg	INLINE	1725	4.8	GREENHECK	SQ-90-VG
EF-2	375	0.25 in-wg	INLINE	1725	4.8	GREENHECK	SQ-90-VG
EF-3	150	0.25 in-wg	CABINET	1400	2.5	GREENHECK	SP-A90
EF-4	75	0.25 in-wg	CABINET	700	1.2	GREENHECK	SP-B90
EF-5	75	0.25 in-wg	CABINET	700	1.2	GREENHECK	SP-B90
EF-6	150	0.25 in-wg	CABINET	1400	2.5	GREENHECK	SP-A90
EF-7	150	0.25 in-wg	INLINE	1535	3.3	GREENHECK	SQ-65-VG
EF-8	75	0.25 in-wg	CABINET	700	1.2	GREENHECK	SP-B90
EF-9	75	0.25 in-wg	CABINET	700	1.2	GREENHECK	SP-B90

NOTES:
1. SEE SPECIFICATIONS FOR MORE INFORMATION.
2. SEE ELECTRICAL DRAWINGS FOR VOLTAGE INFORMATION.
3. DIRECT DRIVE FANS SHALL BE SUPPLIED WITH SPEED CONTROLLER.
4. EF-1, 2, 3, 4, & 5 SHALL BE CONTROLLED PROGRAMMABLE TIME CLOCK.
5. EF-6, 7, & 8 SHALL BE TIED INTO LINE VOLTAGE THERMOSTAT IN SPACE.

CEILING FAN SCHEDULE

TAG	DESCRIPTION	FRPM (MAX)	FINISH	BASIS OF DESIGN	MODEL
BAF-1	52" DIAMETER, HIGH VOLUME, LOW SPEED FAN	182	WHITE	BIG ASS FANS	HAIKU L SERIES
BAF-2	8' DIAMETER, HIGH VOLUME, LOW SPEED FAN	158	WHITE W/ SILVER TRIM	BIG ASS FANS	ESSENCE
BAF-3	10' DIAMTER, HIGH VOLUME, LOW SPEED FAN	107	WHITE W/ SILVER TRIM	BIG ASS FANS	ESSENCE

NOTES:
1. SEE ELECTRICAL DRAWINGS FOR VOLTAGE INFORMATION.
2. PROVIDE FANS WITH WALL MOUNTED SPEED CONTROLLER. SEE ELECTRICAL PLANS FOR LOCATION.
3. BAF-2 AND BAF-3 ARE FULLY WET RATED.
4. BAF-1 IS DAMP RATED FOR OUTDOOR COVERED INSTALLATION.

SPLIT SYSTEM VAV AIR HANDLING UNITSCHEDULE

INDOOR UNIT I.D.	OUTDOOR UNIT I.D.	AIR CAPACITY CFM		E.S.P. INCHES W.G.	HP	COOLING COIL						BASIS OF DESIGN	MODEL	OUTDOOR MODEL
		TOTAL	O/A (MIN)			TOTAL MBH	SENS. MBH	ENTERING AIR D.B. °F	ENTERING AIR W.B. °F	LEAVING AIR D.B. °F	LEAVING AIR W.B. °F			
AH-1	CU-1	5000	850	2.00 in-wg	7.5	191.3	132.4	80 °F	67 °F	55 °F	54 °F	DAIKIN	DESTINY 001	RCS 001

NOTES:
1. SPLIT SYSTEM SHALL BE PROVIDED WITH MANUFACTURER PROVIDED VARIABLE FREQUENCY DRIVE (VFD) AND INTEGRATED CONTROL PANEL WITH FACTORY PROGRAMMED SEQUENCE OF OPERATIONS FOR VARIABLE AIR VOLUME (VAV) OPERATION. SPLIT SYSTEM SHALL BE COOLING ONY, WITH HEATING CAPABILITIES PROVIDED AT THE VAV TERMINAL UNITS, PROVIDED DURING THE TENANT UPFIT. TEMPERATURE AND HUMIDITY CONTROLLERS SHALL BE PROVIDED DURING THE TENANT UPFIT.
2. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. UNIT SHALL BE 208 VOLT 3 PHASE.
4. PROVIDE SEACOAST COATING ON CONDENSER COILS.
5. PROVIDE WITH DRY BULB ECONOMIZER.

LOUVER SCHEDULE

UNIT I.D.	AIR PRESSURE DROP	AIR VELOCITY	CFM	DIMENSION FREE AREA	DIMENSION HEIGHT	DIMENSION WIDTH	SCHEDULE NOTES	BASIS OF DESIGN	MODEL
L-1	0.13 in-wg	794 FPM	6000	7.55 SF	60"	42"	EXHAUST	RUSKIN	EME520DD
L-2	0.06 in-wg	642 FPM	6000	9.35 SF	42"	72"	INTAKE	RUSKIN	EME520DD
L-3	0.08 in-wg	617 FPM	350	0.57 SF	24"	12"	EXHAUST	RUSKIN	EME520DD
L-4	0.09 in-wg	661 FPM	375	0.57 SF	24"	12"	EXHAUST	RUSKIN	EME520DD
L-5	0.09 in-wg	661 FPM	375	0.57 SF	24"	12"	EXHAUST	RUSKIN	EME520DD
L-6	0.09 in-wg	661 FPM	375	0.57 SF	24"	12"	INTAKE	RUSKIN	EME520DD
L-7	0.09 in-wg	661 FPM	375	0.57 SF	24"	12"	INTAKE	RUSKIN	EME520DD
L-8	0.07 in-wg	594 FPM	150	0.25 SF	12"	12"	INTAKE	RUSKIN	EME520DD
L-9	0.07 in-wg	594 FPM	120	0.25 SF	12"	12"	INTAKE	RUSKIN	EME520DD
L-10	0.07 in-wg	594 FPM	150	0.25 SF	12"	12"	EXHAUST	RUSKIN	EME520DD
L-11	0.07 in-wg	594 FPM	120	0.25 SF	12"	12"	EXHAUST	RUSKIN	EME520DD
L-12	0.07 in-wg	594 FPM	150	0.25 SF	12"	12"	INTAKE	RUSKIN	EME520DD
L-13	0.07 in-wg	594 FPM	150	0.25 SF	12"	12"	EXHAUST	RUSKIN	EME520DD
L-14	0.02 in-wg	396 FPM	75	0.25 SF	12"	12"	INTAKE	RUSKIN	EME520DD
L-15	0.02 in-wg	396 FPM	75	0.25 SF	12"	12"	INTAKE	RUSKIN	EME520DD
L-16	0.03 in-wg	396 FPM	75	0.25 SF	12"	12"	EXHAUST	RUSKIN	EME520DD
L-17	0.03 in-wg	396 FPM	75	0.25 SF	12"	12"	EXHAUST	RUSKIN	EME520DD
L-18	0.02 in-wg	396 FPM	75	0.25 SF	12"	12"	INTAKE	RUSKIN	EME520DD
L-19	0.02 in-wg	396 FPM	75	0.25 SF	12"	12"	INTAKE	RUSKIN	EME520DD

NOTES:
1. LOUVERS SHALL BE EXTRUDED ALUMINUM.
2. COORDINATE FINISH WITH ARCHITECT DURING SUBMITTAL PHASE.

DUCTLESS MINI-SPLIT SCHEDULE

INDOOR UNIT I.D.	OUTDOOR UNIT I.D.	AIRFLOW (CFM)	RATED COOLING CAPACITY (MBH)	EAT DB °F	EAT WB °F	RATED HEATING CAPACITY (MBH)	BASIS OF DESIGN	MODEL	OUTDOOR MODEL
AH-2	CU-2	625	22	80 °F	67 °F	-	MITSUBISHI	MSY-GA24NA	MUY-GA24NA
AH-3	CU-3	625	22	80 °F	67 °F	-	MITSUBISHI	MSY-GA24NA	MUY-GA24NA
AH-4	CU-4/5	625	22	80 °F	67 °F	-	MITSUBISHI	MSY-GA24NA	MUY-GA24NA
AH-5	CU-4/5	625	22	80 °F	67 °F	-	MITSUBISHI	MSY-GA24NA	MUY-GA24NA

NOTES:
1. SEE SPECIFICATIONS FOR MORE INFORMATION.
2. SEE ELECTRICAL DRAWINGS FOR VOLTAGE INFORMATION.
3. PROVIDE SEACOAST COATING ON CONDENSER COILS.

ELECTRIC HEATER SCHEDULE

UNIT I.D.	CAPACITY	DESCRIPTION	REMARKS	BASIS OF DESIGN	MODEL
EH-4	5 KW	-	UNIT HEATER	MARKEL	F2F5105N
IRH-1	2048 BTUH	60"	RADIANT INFRARED HEATER, SURFACE MOUNT	MARKEL	CV60YX
IRH-2	1536 BTUH	42"	RADIANT INFRARED HEATER, SURFACE MOUNT	MARKEL	CV45YX
IRH-3	1536 BTUH	42"	RADIANT INFRARED HEATER, SURFACE MOUNT	MARKEL	CV45YX
IRH-4	1536 BTUH	42"	RADIANT INFRARED HEATER, SURFACE MOUNT	MARKEL	CV45YX
IRH-5	1536 BTUH	42"	RADIANT INFRARED HEATER, SURFACE MOUNT	MARKEL	CV45YX
IRH-6	1536 BTUH	42"	RADIANT INFRARED HEATER, SURFACE MOUNT	MARKEL	CV45YX
IRH-7	1536 BTUH	42"	RADIANT INFRARED HEATER, SURFACE MOUNT	MARKEL	CV45YX
UH-1	3 KW	-	UNIT HEATER, CEILING RECESSED	MARKEL	HF3386D-RP
UH-2	3 KW	-	UNIT HEATER, CEILING RECESSED	MARKEL	HF3386D-RP
UH-3	3 KW	-	UNIT HEATER, CEILING RECESSED	MARKEL	HF3386D-RP
UH-4	3 KW	-	UNIT HEATER, CEILING RECESSED	MARKEL	HF3386D-RP

NOTES:
1. SEE ELECTRICAL DRAWINGS FOR VOLTAGE INFORMATION.
2. FURNISH WITH MANUFACTURER PROVIDED SUPPORT BRACKET.
3. FURNISH WITH INTEGRAL THERMOSTAT.
4. FURNISH WITH INTEGRAL POWER DISCONNECT SWITCH.

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: EG
CHECKED BY: MAU

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PROFESSIONAL STAMPS:

SOUTH CAROLINA — DWG, INC. CONSULTING ENGINEERS No.C03649 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — MARK A. UYAK — PE No.27045 — 06/30/2016

#	REVISION	DATE	BY

DATE 06/30/2016
PROJECT NUMBER 01-16002
SHEET TITLE HVAC - NOTES & LEGENDS

DWG CONSULTING ENGINEERS — listen . consult . sustain
Wood+Partners Inc. WPi — Landscape Architects Land Planners

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DWG Project No. 15008-00

SHEET NUMBER M0.001

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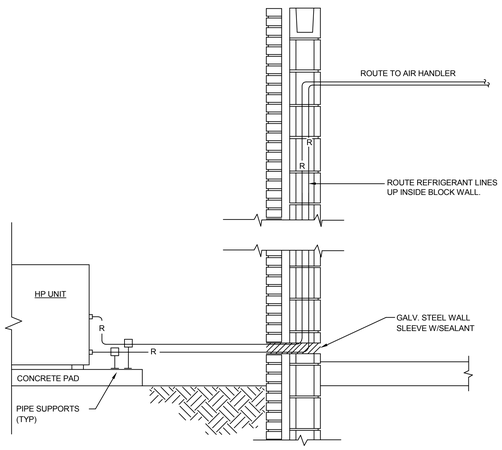
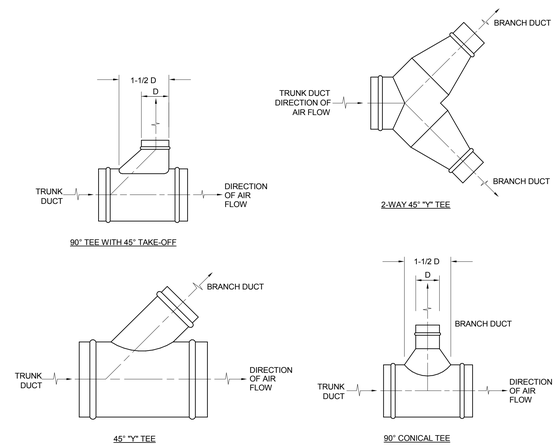


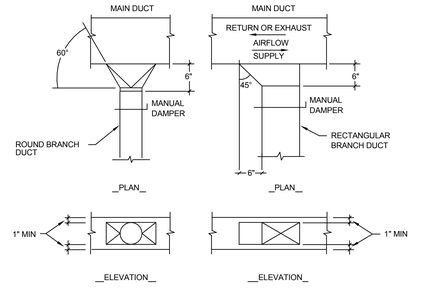
NOTES:

1. ALL PIPING SHALL BE HARD DRAWN COPPER TUBING WITH SOLDERED JOINTS.
2. SUCTION LINE INSULATION OUTDOORS SHALL BE PAINTED WITH A WEATHERPROOF COATING.

1 M0.002 HEAT PUMP INSTALLATION DETAIL
NOT TO SCALE



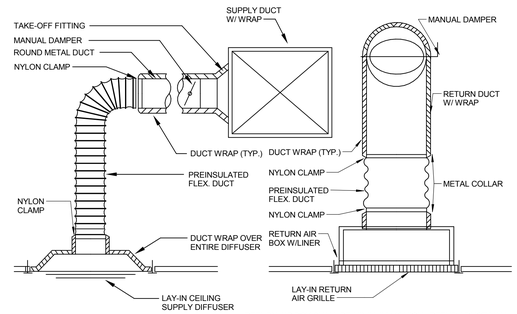
2 M0.002 ROUND DUCT BRANCH TAKE OFF DETAIL
NOT TO SCALE



NOTES:

1. CONTRACTOR MAY SUBSTITUTE A MANUFACTURED FITTING FOR THE DETAILED TAKE-OFF ABOVE.
2. TAKE-OFFS IN MEDIUM PRESSURE DUCT SHALL HAVE AN OVERSIZED INTAKE.
3. SPIN-IN FITTINGS WITH INTEGRAL SCOOP AND DAMPER SHALL ONLY BE USED ON LOW PRESSURE DUCT.
4. FITTINGS SHALL BE SCREWED TO THE TRUNK DUCT AND SEALED WITH MASTIC. MASTIC TAPE IS NOT ACCEPTABLE. SEE SPECIFICATIONS.

3 M0.002 TYPICAL DUCT TAKE OFF INSTALLATION DETAIL
NOT TO SCALE



NOTES:

1. INSTALL NYLON CLAMPS ON INNER FLEX DUCT LINER AND OUTER JACKET. TAPE ENDS OF PREINSULATED FLEX. DUCT AT THE DIFFUSER AND THE BRANCH DUCT CONNECTION.
2. RETURN AIR BOX SHALL BE MINIMUM 12" HIGH. RETURN DUCT MAY TAP INTO THE SIDE OF THE BOX A MINIMUM OF 6" ABOVE GRILLE.
3. PROVIDE YOUNG REGULATOR REMOTE DAMPER CONTROLLER FOR EACH DIFFUSER AND GRILLE LOCATED IN AREAS WITH INACCESSIBLE CEILINGS. LOCATE CONTROLLER IN A CONCEALED, ACCESSIBLE LOCATION.

4 M0.002 TYPICAL DIFFUSER/GRILLE INSTALLATION DETAIL
NOT TO SCALE

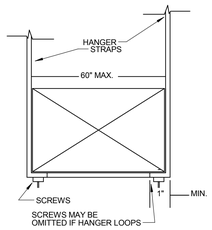
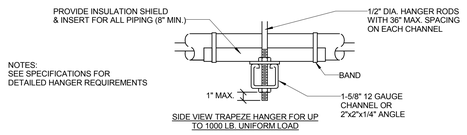


TABLE 4-1 RECTANGULAR DUCT HANGERS MINIMUM SIZE								
MAXIMUM HALF OF DUCT PERIMETER P/2= 30"	PAIR AT 10 FT. SPACING		PAIR AT 8 FT. SPACING		PAIR AT 5 FT. SPACING		PAIR AT 4FT. SPACING	
	STRAP	WIRE/ROD	STRAP	WIRE/ROD	STRAP	WIRE/ROD	STRAP	WIRE/ROD
P/2= 72"	1" X 22 GA.	10 GA. (.135")	1" X 22 GA.	10 GA. (.135")	1" X 22 GA.	12 GA. (.106")	1" X 22 GA.	12 GA. (.106")
P/2= 72"	1" X 18 GA.	3/8"	1" X 20 GA.	1/4"	1" X 22 GA.	1/4"	1" X 22 GA.	1/4"
P/2= 96"	1" X 16 GA.	3/8"	1" X 18 GA.	3/8"	1" X 20 GA.	3/8"	1" X 22 GA.	1/4"
P/2= 120"	1-1/2"X16GA.	1/2"	1" X 16 GA.	3/8"	1" X 18 GA.	3/8"	1" X 20 GA.	1/4"
P/2= 168"	1-1/2"X16GA.	1/2"	1-1/2"X16GA.	1/2"	1" X 16 GA.	3/8"	1" X 18 GA.	3/8"
P/2= 192"	NOT GIVEN	1/2"	1-1/2"X16GA.	1/2"	1" X 16 GA.	3/8"	1" X 16 GA.	3/8"
P/2=193" UP	SPECIAL ANALYSIS REQUIRED							

WHEN STRAPS ARE LAP JOINED USE THESE MINIMUM FASTENERS	SINGLE HANGER MAXIMUM ALLOWABLE LOAD	
	STRAP	WIRE OR ROD (DIA.)
1" X 18,20,22 GA. - TWO #10 OR ONE 1/4" BOLT 1" X 16 GA. - TWO 1/4" DIA. 1-1/2" X 16 GA. -TWO 3/8" DIA. PLACE FASTENERS IN SERIES, NOT SIDE BY SIDE.	1" X 22 GA. - 260 LBS. 1" X 20 GA. - 320 LBS. 1" X 18 GA. - 420 LBS. 1" X 16 GA. - 700 LBS. 1-1/2" X 16 GA. - 1100 LBS.	1/4"-270 LBS. 3/8"-680 LBS. 1/2"-1250 LBS. 5/8"-2000 LBS. 3/4"-3000 LBS.

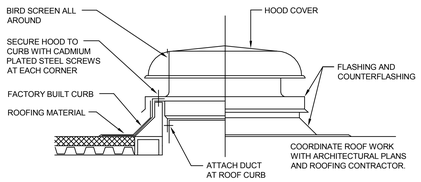
5 M0.002 SUPPORT DETAIL
NOT TO SCALE

MAXIMUM PIPE/TUBING SUPPORT SPACING											
NOM. SIZE IN.	THRU 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8
PIPE FT.	7	7	7	9	10	11	12	14	16	17	19
TUBING FT.	5 FT	6	7	8	8	9	10	12	13	14	16
NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.											

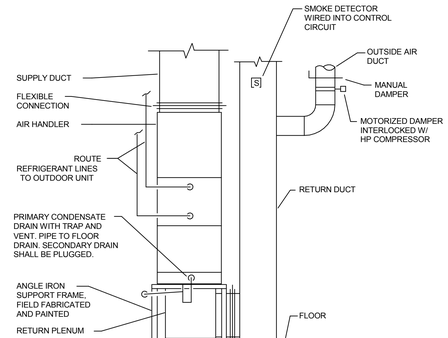


NOTES:
SEE SPECIFICATIONS FOR DETAILED HANGER REQUIREMENTS

6 M0.002 MECHANICAL PIPE SUPPORT DETAIL
NOT TO SCALE



7 M0.002 EXHAUST HOOD INSTALLATION DETAIL
NOT TO SCALE



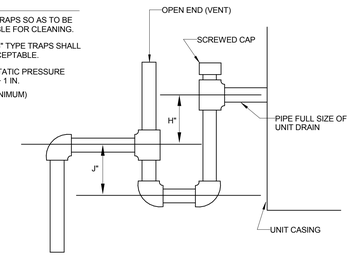
NOTES:

1. MOTORIZED DAMPER SHALL BE INTERLOCKED W/ HEAT PUMP COMPRESSOR. DAMPER SHALL OPEN WHEN COMPRESSOR IS ENERGIZED AND CLOSE WHEN DE-ENERGIZED.
2. SUPPLY AND RETURN DUCTS FOR AH-8 SHALL BE ROUTED IN CRAWL SPACE.

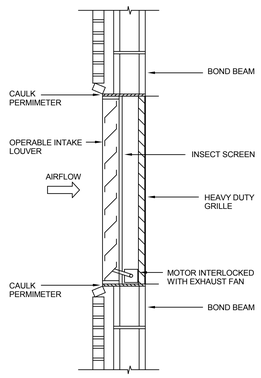
8 M0.002 VERTICAL AIR HANDLER INSTALLATION DETAIL
NOT TO SCALE

NOTES:

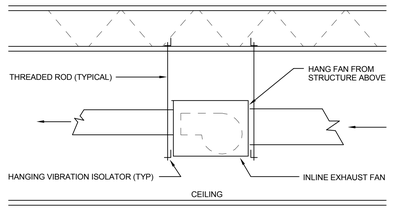
1. LOCATE TRAPS SO AS TO BE ACCESSIBLE FOR CLEANING.
2. "RUNNING" TYPE TRAPS SHALL BE UNACCEPTABLE.
3. H = FAN STATIC PRESSURE (IN. W.C.) + 1 IN.
4. J = H/2 (MINIMUM)



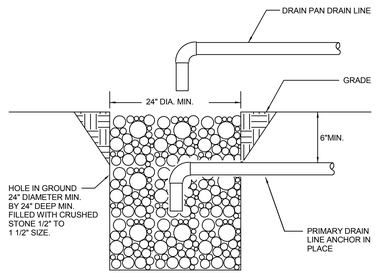
9 M0.002 CONDENSATE DRAIN TRAP INSTALLATION DETAIL
NOT TO SCALE



10 M0.002 INTAKE LOUVER INSTALLATION DETAIL
NOT TO SCALE



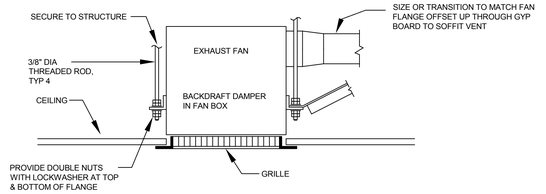
11 M0.002 IN-LINE EXHAUST INSTALLATION DETAIL1
NOT TO SCALE



NOTES:

1. COVER WITH LANDSCAPE AFTER INSPECTION IS COMPLETED.
2. CONTRACTOR SHALL VERIFY THAT THE PRIMARY CONDENSATE DRAIN LINE IS IN WORKING ORDER BY RUNNING WATER DOWN THRU THE DRAIN LINE FROM THE POINT OF THE COIL CONNECTION PRIOR TO BURIAL.
3. PRIMARY CONDENSATE SHALL BE ROUTED BELOW GROUND TO DRAIN PIT AS SHOWN.
4. DRAIN PAN DRAIN LINE SHALL TERMINATE 6" ABOVE FINISHED GRADE OVER TOP OF THE DRAIN PIT.

12 M0.002 DRAIN PIT DETAIL
NOT TO SCALE



13 M0.002 TYPICAL EXHAUST FAN DETAIL
NOT TO SCALE

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR

COLIGNY PARK

Hilton Head Island, South Carolina

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SOUTH CAROLINA REGISTERED No.27045 04/30/2016 MARK A. UYAK

#	REVISION	DATE	BY

DATE
06/30/2016
PROJECT NUMBER
01-16002
SHEET TITLE
HVAC DETAILS

SHEET NUMBER
M0.002

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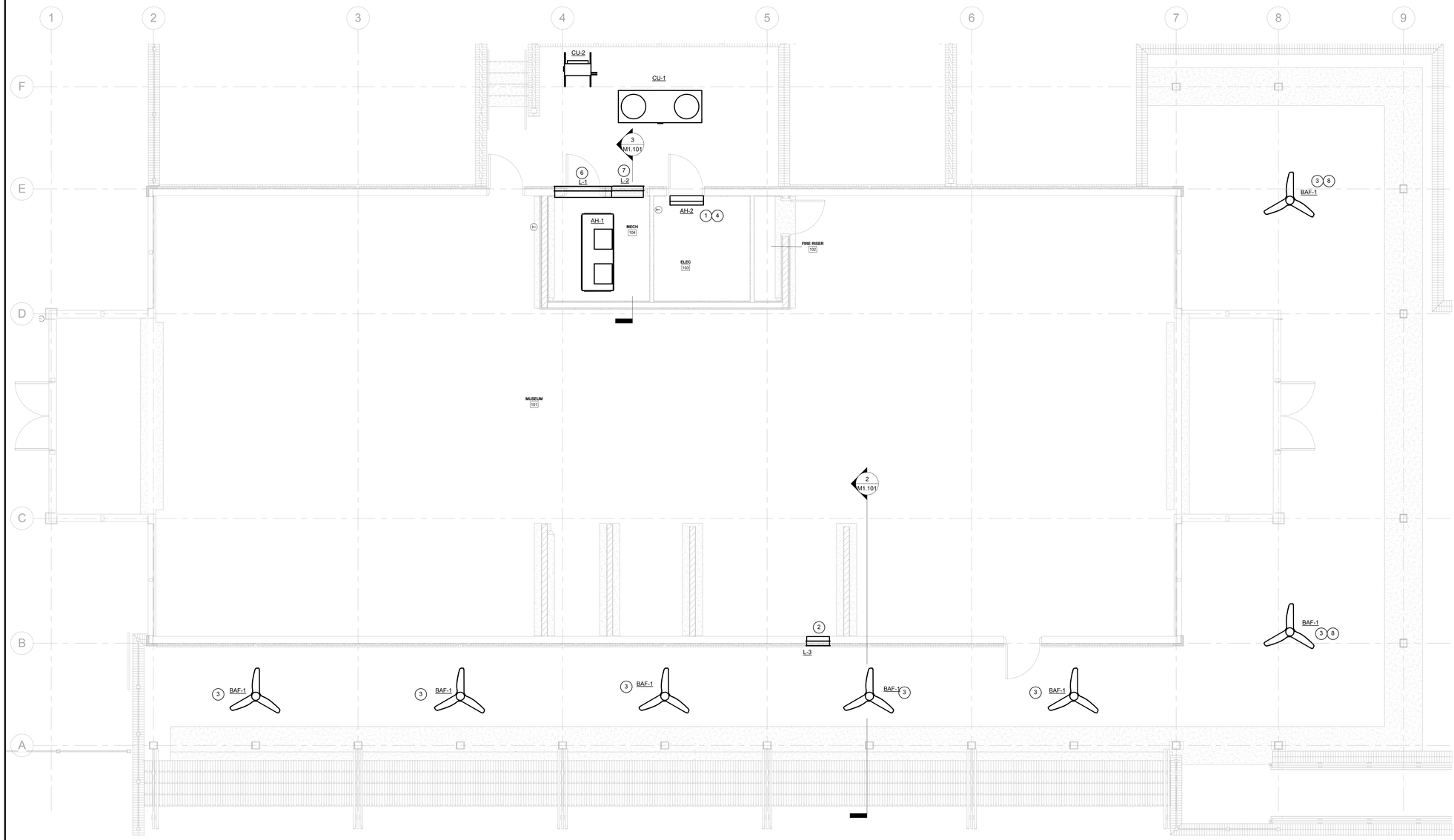
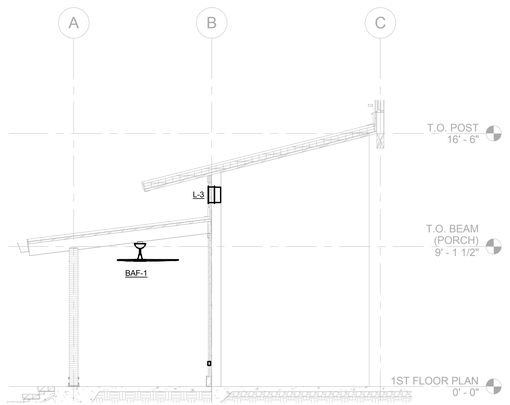
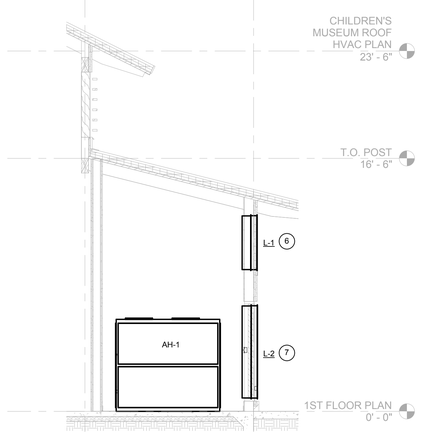


1 M1.101 CHILDREN'S MUSEUM HVAC PLAN
SCALE: 1/4" = 1'-0"



2 M1.101 EXHAUST DUCT SECTION
SCALE: 1/4" = 1'-0"



3 M1.101 AHU-1 SECTION
SCALE: 1/4" = 1'-0"

KEY NOTES

1. TERMINATE CONDENSATE LINES FOR AH-2 AT FLOOR DRAIN IN MECHANICAL ROOM. PROVIDE CONDENSATE PUMP.
2. SIDEWALL LOUVER ABOVE LOW ROOF. SEE SECTION.
3. FAN SHALL BE 52" HAIKU L-SERIES BIG ASS FAN RATED FOR OUTDOOR COVERED USE. FAN SHALL BE MOUNTED SO THAT THE BLADES ARE 9' - 0" AFF.
4. MOUNT AIR HANDLER ABOVE DOOR.
5. PROVIDE INSULATED PLENUM ON BACK OF LOUVER FOR FUTURE DUCT CONNECTION.
6. MOUNT LOUVER ABOVE DOOR AT 11'-0" AFF. SEE SECTION.
7. MOUNT LOUVER BESIDE DOOR.
8. MOUNT FAN ON BOTTOM OF 6x16 GIRDER.

GENERAL NOTES

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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SOUTH CAROLINA
PE No.27045
06/30/2016
MARK A. UYAK

#	REVISION	DATE	BY

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06/30/2016
PROJECT NUMBER
01-16002
SHEET TITLE
CHILDREN'S MUSEUM HVAC PLAN

SHEET NUMBER
M1.101

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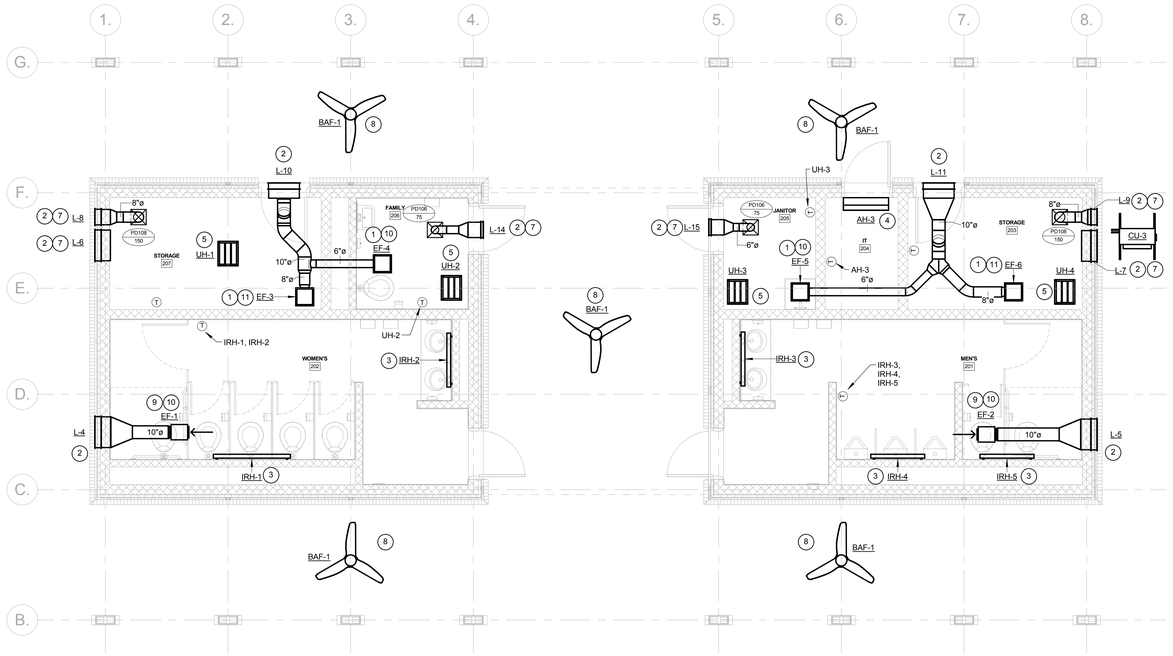
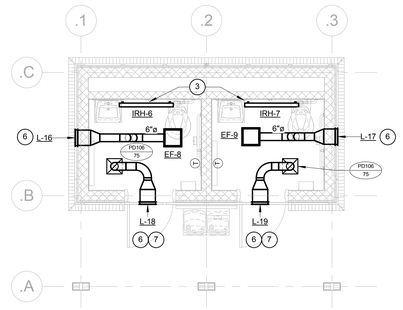


1 M2.101 BATHROOM MAIN - HVAC PLAN
SCALE: 1/4" = 1'-0"



2 M2.101 BATHROOM POOL - HVAC PLAN
SCALE: 1/4" = 1'-0"

KEY NOTES

1. EXHAUST DUCT UP TO SIDEWALL EXHAUST LOUVER.
2. MOUNT LOUVER 10' -0" AFF.
3. MOUNT INFRARED HEATER ON WALL AT 9' - 0" AFF.
4. ROUTE CONDENSATE TO FLOOR DRAIN IN ADJACENT JANITORS CLOSET.
5. CEILING SURFACE MOUNTED UNIT HEATER CONTROLED BY THERMOSTAT IN ROOM.
6. MOUNT LOUVER AT 9'-6" AFF.
7. PROVIDE BAROMETRIC BACKDRAFT DAMPER IN LOUVER.
8. FAN SHALL BE 5' - 0" HAIKU BIG ASS FAN RATED FOR OUTDOOR USE. FAN SHALL BE MOUNTED SO THAT THE BLADES ARE 9' - 0" AFF.
9. HANG EXHAUST FAN FROM STRUCTURE 10'-0" AFF. EXPOSED DUCTWORK TO BE SPIRAL.
10. EXHAUST FAN TO BE TIED INTO TIME CLOCK FOR SPACE.
11. EXHAUST FAN TO BE TIED INTO THERMOSTAT IN SPACE.

GENERAL NOTES

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PE No.27045
06/30/2016
MARK A. UYAK

#	REVISION	DATE	BY

DATE
06/30/2016

PROJECT NUMBER
01-16002

SHEET TITLE
RESTROOM HVAC PLANS

SHEET NUMBER
M2.101

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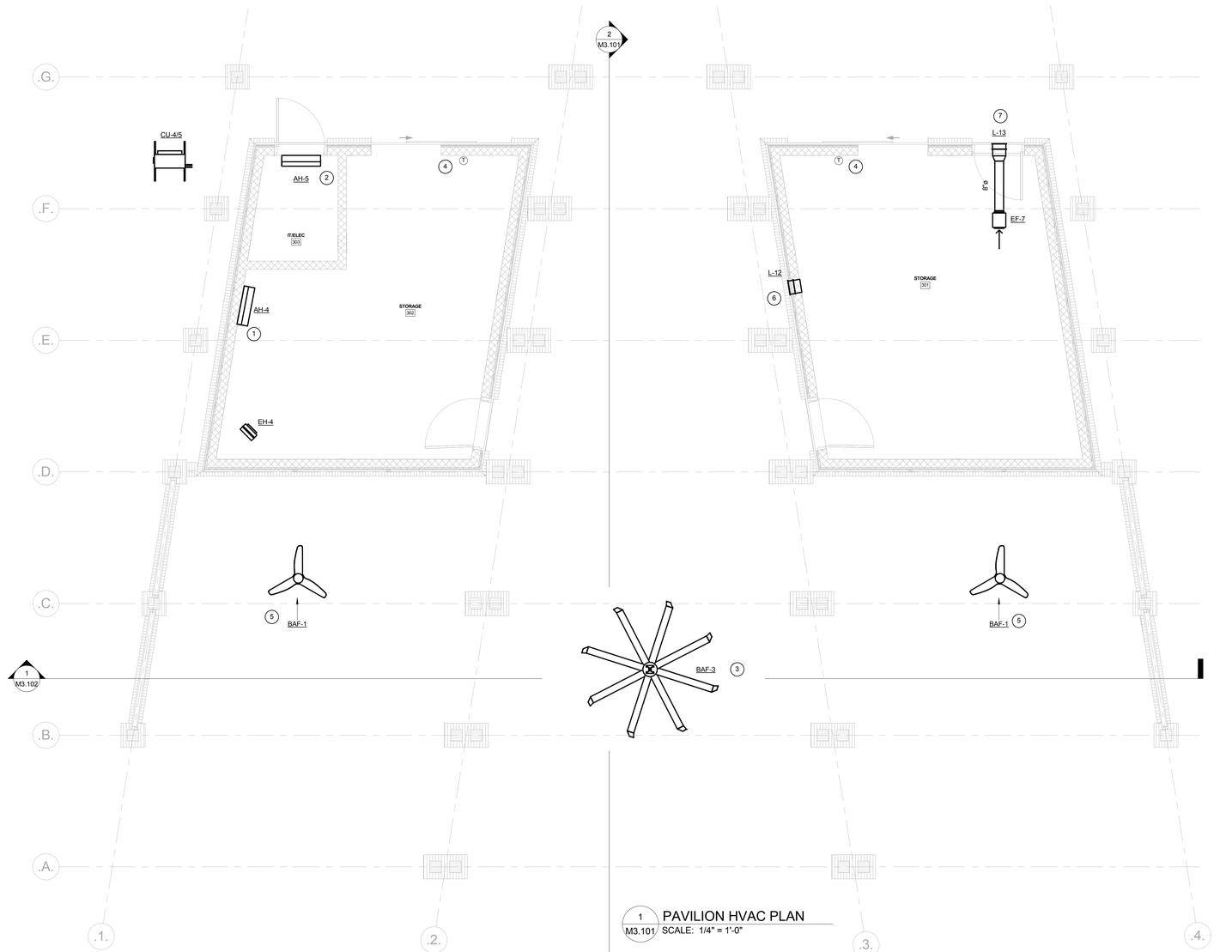
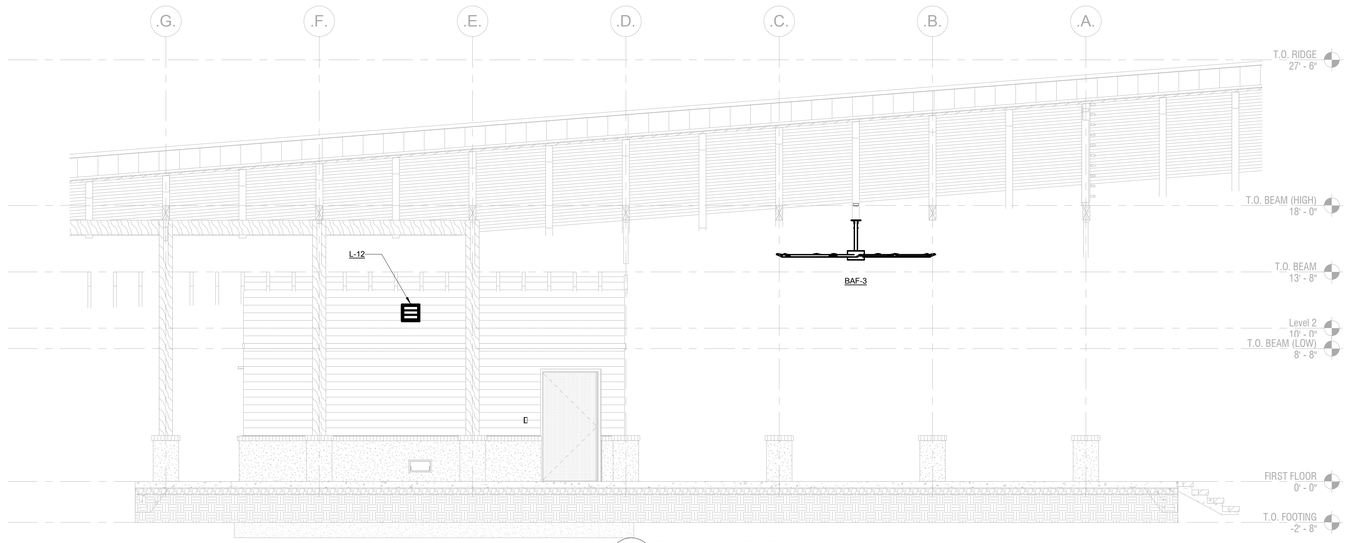


1 M3.101 PAVILION HVAC PLAN
SCALE: 1/4" = 1'-0"



2 M3.101 PAVILION SECTION
SCALE: 1/4" = 1'-0"

KEY NOTES

1. ROUTE CONDENSATE TO FLOOR DRAIN IN ROOM.
2. ROUTE CONDENSATE TO FLOOR DRAIN IN ADJACENT STORAGE ROOM.
3. FAN TO BE A 10' FOOT ESSENCE BIG ASS FAN RATED FOR OUTDOOR USE. FAN SHALL BE MOUNTED SO THAT THE BLADES ARE 14' - 6" AFF.
4. THERMOSTAT SHALL BE LOCATED ON ISOLATION BASE SO AS NOT TO BE AFFECTED BY TEMPERATURE CONDUCTION THROUGH WALL.
5. FAN SHALL BE 5' - 0" HAIKU BIG ASS FAN RATED FOR OUTDOOR USE. FAN SHALL BE MOUNTED SO THAT THE BLADES ARE 9' - 0" AFF.
6. MOUNT LOUVER 11'-0" AFF. PROVIDE MOTORIZED DAMPER TIED TO EXHAUST FAN.
7. MOUNT LOUVER 8'-6" AFF.

GENERAL NOTES

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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SOUTH CAROLINA LICENSED LANDSCAPE ARCHITECT No.270455 06/30/2016 MARK A. UYAK

#	REVISION	DATE	BY

DATE
06/30/2016

PROJECT NUMBER
01-16002

SHEET TITLE
PAVILION HVAC PLAN & SECTIONS

SHEET NUMBER
M3.101

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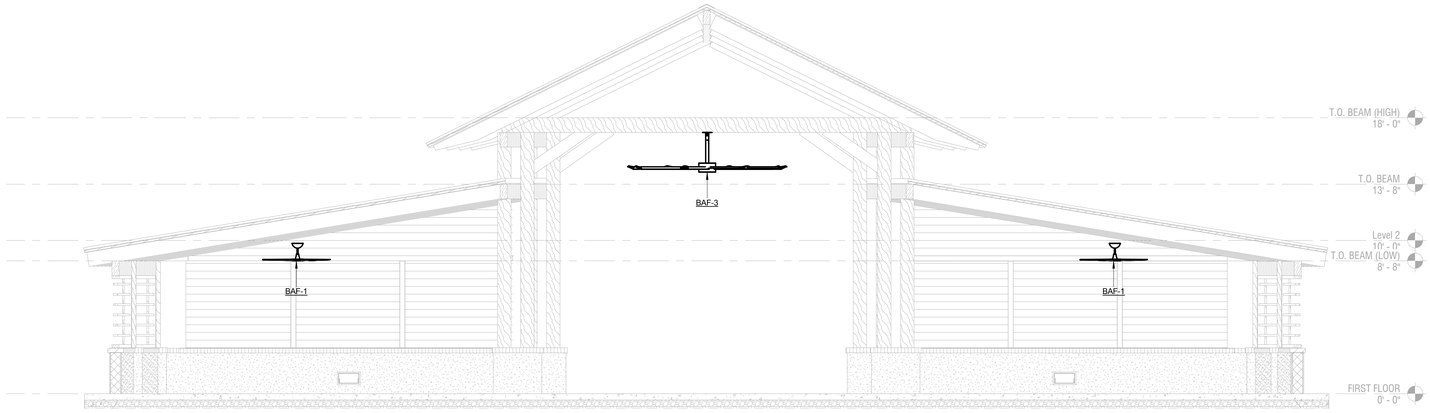
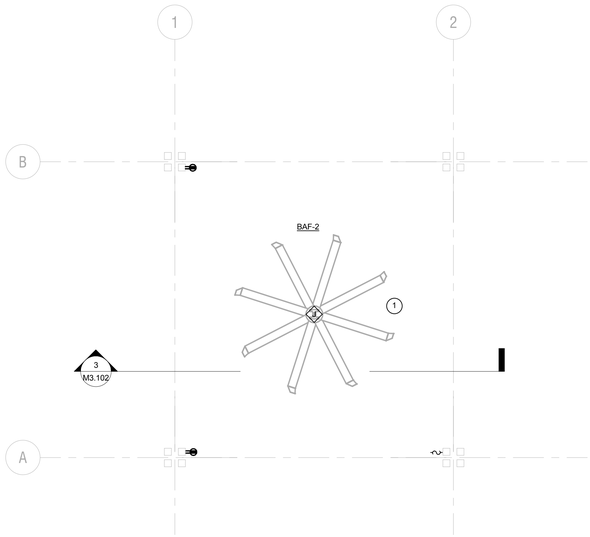
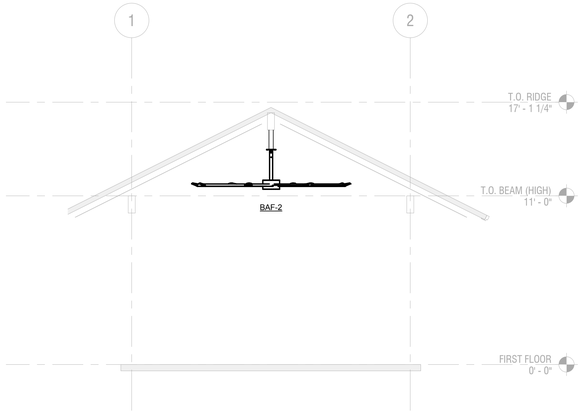


1 M3.102 PAVILION FAN SECTION
SCALE: 1/4" = 1'-0"



2 M3.102 POND PAVILION HVAC PLAN
SCALE: 1/4" = 1'-0"



3 M3.102 POND PAVILION SECTION
SCALE: 1/4" = 1'-0"

KEY NOTES

1. BAF-2 WILL BE A 8 FT ESSENCE BIG ASS FAN RATED FOR OUTDOOR USE. MOUNT FAN SO THAT BLADES ARE 11' - 0" AFF.

GENERAL NOTES

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR
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Hilton Head Island, South Carolina

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SOUTH CAROLINA
No.27045
06/30/2016
MARK A. UYAK

#	REVISION	DATE	BY

DATE
06/30/2016

PROJECT NUMBER
01-16002

SHEET TITLE
POND PAVILION HVAC PLAN & SECTION

SHEET NUMBER
M3.102

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SEISMIC AND WIND REQUIREMENTS FOR PLUMBING SYSTEMS

PER IBC-2012 /ASCE 7-10

A. EQUIPMENT, APPLIANCES AND SUPPORTS (INLCUDING ROOF CURBS & ROOF RAILS) EXPOSED TO WIND SHALL BE DESIGNED AND INSTALLED TO RESIST THE WIND PRESSURES DETERMINED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. WHERE SEISMIC RESTRAINT IS REQUIRED, THE MORE DEMANDING FORCE OF WIND AND SEISMIC MUST BE USED. SEE SEISMIC INFORMATION CONTAINED IN THE STRUCTURAL DRAWINGS FOR SITE SPECIFIC INFORMATION ON SEISMIC DESIGN CATEGORY.SEE EQUIPMENT SCHEDULES AND DETAILS FOR SPECIFIC COMPONENT IMPORTANCE FACTOR DESIGNATIONS.

B. USE APPLICABLE TABLE BELOW TO DETERMINE SEISMIC RESTRAINT REQUIREMENTS FOR EACH MECHANICAL COMPONENT.

C. FOR ALL COMPONENTS REQUIRING SEISMIC RESTRAINT, THE COMPONENT SUPPORTS AND ATTACHMENTS SHALL BE DESIGNED BY A REGISTERED DESIGN PROFESSIONAL. SUBMITTAL MUST INCLUDE STAMPED AND SIGNED DRAWINGS AND CALCULATIONS.

D. WHERE SEISMIC RESTRAINT IS REQUIRED, HOUSEKEEPING PADS NEEDED FOR THE INSTALLATION OF EQUIPMENT UNDER THIS CONTRACT MUST BE DESIGNED BY THE SEISMIC ENGINEER. DO NOT POUR ANY HOUSEKEEPING PADS PRIOR TO THE RECEIPT OF THE SEISMIC SUBMITTAL.

E. SEISMIC RESTRAINTS FOR PIPING MUST BE SHOWN ON LAYOUT DRAWINGS SHOWING SPECIFIC RESTRAINT LOCATIONS ALONG WITH ACCOMPANYING DETAILS AND CALCULATIONS.

PLUMBING COMPONENT IMPORTANCE FACTOR (Ip) DESIGNATION

Ip = 1.0	Ip = 1.5
• ALL PLUMBING COMPONENTS	• N/A

SEISMIC DESIGN CATEGORIES D,E,F

	COMPONENT IMPORTANCE FACTOR (Ip)			
	1.0		1.5	
COMPONENT IDENTIFICATION	SEISMIC RESTRAINT REQUIREMENT	NOTES	SEISMIC RESTRAINT REQUIREMENT	NOTES
ROOF MOUNTED	RESTRAIN ALL	1	RESTRAIN ALL	-
FLOOR MOUNTED	RESTRAIN ALL	1, 2	RESTRAIN ALL	-
WALL MOUNTED	RESTRAIN ALL	1, 2	RESTRAIN ALL	-
COMPONENT SUPPORTS	RESTRAIN ALL	1	RESTRAIN ALL	-
SUSPENDED EQUIPMENT	RESTRAIN ALL	3	RESTRAIN ALL	3
SUSPENDED DUCTILE PIPING (STEEL, ALUMINUM, COPPER, ETC.)	>3"	4	>1"	4
SUSPENDED NON DUCTILE PIPING (CAST IRON, PLASTIC, CERAMIC)	RESTRAIN ALL	4	RESTRAIN ALL	4
SUSPENDED PIPE ON TRAPEZE	RESTRAIN IF ANY PIPE ON TRAPEZE > 3" RESTRAIN IF TOTAL WEIGHT OF PIPES ON TRAPEZE > 10 LBS/FT	4	RESTRAIN IF ANY PIPE ON TRAPEZE > 1" RESTRAIN IF TOTAL WEIGHT OF PIPES ON TRAPEZE > 10 LBS/FT	4
COMPONENT CERTIFICATION (SEE NOTE 6)	NOT REQUIRED	5	REQUIRED	5

NOTES:
1. EQUIPMENT 20 LBS. OR LESS IS EXEMPT IF FLEXIBLE CONNECTIONS ARE PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED PIPING AND CONDUIT.
2. RESTRAINTS ARE NOT REQUIRED IF THE COMPONENT WEIGHS 400 LBS. OR LESS, IS MOUNTED AT 4 FT. OR LESS ABOVE A FLOOR, AND HAS FLEXIBLE CONNECTIONS BETWEEN THE COMPONENT AND ASSOCIATED PIPING AND CONDUIT.
3. FLEXIBLE CONNECTIONS REQUIRED FOR PIPE CONNECTIONS ONLY.
4. RESTRAINT IS NOT REQUIRED IF THE PIPING IS SUPPORTED BY HANGERS AND EACH HANGER IN THE PIPING RUN IS 12 IN. OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE SUPPORTING STRUCTURE. WHERE PIPES ARE SUPPORTED ON A TRAPEZE, THE TRAPEZE SHALL BE SUPPORTED BY HANGERS HAVING A LENGTH OF 12 IN. OR LESS. WHERE ROD HANGERS ARE USED, THEY SHALL BE EQUIPPED WITH SWIVELS, EYE NUTS OR OTHER DEVICES TO PREVENT BENDING IN THE ROD.
5. COMPONENT CERTIFICATION MUST BE SUPPLIED BY THE EQUIPMENT MANUFACTURER AT TIME OF SUBMITTAL FOR REVIEW BY ENGINEER OF RECORD.

GENERAL "PLUMBING" NOTES

1. PROVIDE ALL MATERIALS AND LABOR NECESSARY FOR A COMPLETE PLUMBING SYSTEM.
2. DO NOT SCALE DRAWINGS. OBTAIN ROUGH-IN DIMENSIONS FROM ARCHITECTURAL DRAWINGS OR FROM MANUFACTURERS PRINTED INSTRUCTIONS AND RECOMMENDATIONS ONLY.
3. FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS BEFORE BEGINNING WORK.
4. COORDINATE PLUMBING SYSTEMS WITH ALL TRADES TO AVOID CONFLICTS PRIOR TO INSTALLATION OF PLUMBING COMPONENTS.
5. OBTAIN ALL PERMITS AND INSPECTIONS FROM AUTHORITY HAVING JURISDICTION. THIS INCLUDES ALL FEES THAT MAY BE REQUIRED.
6. PROVIDE OWNER WITH CERTIFICATES OF FINAL INSPECTION FROM AUTHORITY HAVING JURISDICTION.
7. WHENEVER THE WORD "PROVIDE" IS USED, IT SHALL MEAN FURNISH AND INSTALL COMPLETE AND READY FOR USE.
8. UNLESS OTHERWISE SHOWN OR NOTED, ALL PIPING SHALL BE RUN CONCEALED IN WALLS, CHASES AND/OR ABOVE CEILINGS.
9. ALL SUSPENDED PIPING SHALL BE SUPPORTED FROM BUILDING STRUCTURAL MEMBERS. IN NO CASE SHALL PIPING BE SUSPENDED FROM FLOOR OR ROOF DECK.
10. WHERE PIPES PENETRATE FIRE RATED ASSEMBLIES, SEAL OPENING AROUND PIPES WITH U.L. LISTED FIRE STOPPING MATERIAL TO MAINTAIN THE FIRE RATING OF THE ASSEMBLY.
11. PROVIDE DRAIN VALVES AT ALL LOW POINTS WHERE POSSIBLE IN HOT & COLD PIPING SYSTEMS.
12. PROVIDE ALL VENT PENETRATIONS WHERE INDICATED ON FLOOR PLANS. COLLECT ALL VENTS ABOVE CEILING WHERE SHOWN.
13. PROVIDE INSULATION FOR WASTE PIPING COLLECTING CONDENSATE DRAIN.
14. INSTALL ALL SANITARY WASTE AND VENT PIPING IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS. PROVIDE HANGERS AND SUPPORTS WITHIN 12" OF EACH HORIZONTAL ELBOW.

INSTANTANEOUS ELECTRIC WATER HEATER

MARK	TEMP RISE (°F) @ 0.5 GPM	MIN TURN ON GPM	MAX POWER	MANUFACTURER	MODEL
IWH-1	56	0.3	4.1 kW	EEMAX	EX4208T ML N4X
IWH-2	56	0.3	4.1 kW	EEMAX	EX4208T ML N4X

NOTES:
1. ALL ADDITIONAL MATERIALS INCLUDING PIPE, HANGERS, ADHESIVES, ETC. SHALL BE INSTALLED TO PROVIDE A SAFE, SECURE, AND OPERATING SYSTEM.
2. PROVIDE NEMA 4X WATERPROOF CORROSION-RESISTANT CABINET.
3. SEE ELECTRICAL DOCUMENTS FOR ELECTRICAL REQUIREMENTS.

ELECTRIC WATER HEATER SCHEDULE

MARK	STORAGE (GALLONS)	INPUT CAPACITY	RECOVERY @ 100°F (GPH)	FUEL	MANUFACTURER	MODEL
WH-1	10	2 kWh	10	ELECTRIC	A. O. SMITH	DEL-10
WH-2	10	2 kWh	10	ELECTRIC	A. O. SMITH	DEL-10

NOTES:
1. ALL ADDITIONAL MATERIALS INCLUDING PIPE, HANGERS, ADHESIVES, ETC. SHALL BE INSTALLED TO PROVIDE A SAFE, SECURE, AND OPERATING SYSTEM.
2. SEE ELECTRICAL DOCUMENTS FOR ELECTRICAL REQUIREMENTS.

MARK	FIXTURE TYPE	FIXTURE DESCRIPTION	HOT WATER	COLD WATER	WASTE	VENT	MANUFACTURER	MODEL	COMMENTS
EWC	ELECTRIC WATER COOLER	BI-LEVEL ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION. HEAVY DUTY VANDAL RESISTANT CONSTRUCTION. ORIFICE HEIGHTS SHALL EB ADA COMPLIANT.	---	1/2"	1-1/2"	1-1/2"	ELKAY	VRCTL8WSK	
FD-1	FLOOR DRAIN	COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS AND POLISHED, NICKEL BRONZE STRAINER WITH 4" DIAMETER. MANUFACTURERS: ZURN, JOSAM, JAY R SMITH, WATTS, WADE.	---	1/2"	3"	2"	ZURN	Z415B	---
HB	HOSE BIBB	BRONZE QUARTER TURN, AUTOMATIC DRAINING HYDRANT WITH STAINLESS STEEL FACE, HOSE CONNECTION, INTEGRAL VACUUM BREAKER AND DUAL CHECK VALVE, WHEEL HANDLE AND STAINLESS STEEL BOX WITH LOCKING COVER. MANUFACTURERS: JAY R SMITH, JOSAM, ZURN, WOODFORD MFG.	---	3/4"	---	---	JAY R SMITH	5518	1'-0" AFF
LAV-1	COUNTERTOP LAVATORY	16" X 13" INSIDE DIMENSIONS OVAL, SOLID SURFACE CAST POLYMER, UNDERMOUNT BATHROOM SINK, 5 1/2" DEPTH WITH INTEGRAL OVERFLOW. COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARD COLOR SELECTIONS. FAUCET SHALL BE DECK MOUNTED CENTER SET FAUCET WITH HARD WIRED SENSOR OPERATION. TRIM TO INCLUDE PERFORATED GRID STRAINER AND ADA OFFSET DRAIN FOR ACCESSIBILITY. 1-1/4" CAST BRASS (17 GAUGE) P-TRAP AND LOOSE KEY ANGLE SUPPLIES. DRAIN, TRAP, AND SUPPLIES SHALL BE INSULATED BY MEANS OF A LAV-GUARD. SEE DETAIL. PROVIDE THERMOSTATIC MIXING VALVE CONFORMING TO ASSE 1070 AT EACH GROUP OF LAVATORIES. BASIN: BRADLEY, WILSONART, DUPONT CORIAN, WILLOUGHBY. FAUCET: SLOAN, KOHLER, AMERICAN STANDARD, ZURN.	1/2"	1/2"	1-1/2"	1-1/2"	LAVATORY: BRADLEY FAUCET: ZURN	SL-TO1 Z6950-XL-IM-S	ADA COMPLIANT
LAV-2	WALL-MOUNTED LAVATORY	STUD MOUNTED CARRIER, 20"x18" CAST IRON, BATHROOM SINK. THE LAVATORY SHALL BE SINGLE HOLE PUNCHED AND FITTED WITH A DECK MOUNTED CENTER SET FAUCET WITH HARD WIRED SENSOR OPERATION. TRIM TO INCLUDE PERFORATED GRID STRAINER AND ADA OFFSET DRAIN FOR HANDICAPPED HC MODEL, 1-1/4" CAST BRASS (17 GAUGE) P-TRAP AND LOOSE KEY ANGLE SUPPLIES. DRAIN, TRAP, AND SUPPLIES SHALL BE INSULATED BY MEANS OF A LAV-GUARD. SEE DETAIL. PROVIDE THERMOSTATIC MIXING VALVE CONFORMING TO ASSE 1070 AT EACH LAVATORY. FIXTURE: SLOAN, KOHLER, AMERICAN STANDARD, ZURN. FAUCET: SLOAN, KOHLER, AMERICAN STANDARD, ZURN.	1/2"	1/2"	1-1/2"	1-1/2"	LAVATORY: AMERICAN STANDARD FAUCET: ZURN	0356.421 Z6950-XL-IM-S	ADA COMPLIANT
MS	MOP SINK	24"x24" MOLDED STONE MOP BASIN WITH 10" HIGH SIDE AND AN INTEGRAL 3" CHROME PLATED DRAIN WITH A SEAL CONNECTION TO THE WASTE PIPING. MOP BASIN SHALL BE WHITE DRIFT IN COLOR. PROVIDE WITH BUMPERGUARDS, HOSE, AND MOP BRACKET. SERVICE FAUCET WITH VACUUM BREAKER SPOUT WITH MALE THREAD HOSE OUTLET. PAIL HOOK, WALL BRACE, INTEGRAL CHECK STOPS, AND 2.2 GPM MAXIMUM FLOW RATE.	1/2"	1/2"	3"	2"	BASIN: FIAT FIXTURE: CHICAGO	MSB 2424 897-CCP	
NFWH	NON-FREEZE WALL HYDRANT	BRONZE QUARTER TURN, NON-FREEZE, AUTOMATIC DRAINING HYDRANT WITH STAINLESS STEEL FACE, HOSE CONNECTION, INTEGRAL VACUUM BREAKER AND DUAL CHECK VALVE, WHEEL HANDLE AND STAINLESS STEEL BOX WITH COVER OPENING. MANUFACTURERS: JAY R SMITH, JOSAM, ZURN, WOODFORD MFG.	---	3/4"	---	---	JAY R SMITH	5519	
PD	PROMENADE DECK DRAIN	GALVANIZED CAST IRON DECK DRAIN WITH 12" SQUARE CORROSION RESISTANT, ADA COMPLIANT, HEELPROOF, VANDAL-PROOF SECURED GRATE. MANUFACTURERS: ZURN, JOSAM, JAY R SMITH, WATTS, WADE.	---	---	4"	---	ZURN	ZN154-G-VP	
TD	TRENCH DRAIN	FIBER-REINFORCED CONCRETE TRENCH DRAIN WITH RADIUSED BOTTOM AND INTEGRAL STAINLESS STEEL RAIL. PROVIDE STAINLESS STEEL ADA COMPLIANT HEELPROOF GRATE WITH 4-POINT LOCKING SYSTEM. 4" BOTTOM OUTLET. MANUFACTURERS: MIFAB, HYDROTEC, JOSAM.	---	---	4"	---	MIFAB	T1500-3 SERIES	
UR	WALL-HUNG URINAL	CARRIER MOUNTED, WHITE VITREOUS CHINA URINAL (DESIGNED FOR A 0.125 GPF FLUSH CYCLE), 3/4" TOP SPUD, HARD-WIRED SENSOR FLUSH VALVE. FIXTURE: SLOAN, KOHLER, AMERICAN STANDARD, ZURN. FLUSH VALVE: SLOAN, KOHLER, AMERICAN STANDARD, ZURN.	---	3/4"	2"	1-1/2"	ZURN FIXTURE ZURN VALVE	Z5755-U ZEMS6003PL-ULF-IS	24" RIM HEIGHT
UR-A	WALL-HUNG URINAL	CARRIER MOUNTED, WHITE VITREOUS CHINA URINAL (DESIGNED FOR A 0.125 GPF FLUSH CYCLE), 3/4" TOP SPUD, HARD-WIRED SENSOR FLUSH VALVE. FIXTURE: SLOAN, KOHLER, AMERICAN STANDARD, ZURN. FLUSH VALVE: SLOAN, KOHLER, AMERICAN STANDARD, ZURN.	---	3/4"	2"	1-1/2"	ZURN FIXTURE ZURN VALVE	Z5755-U ZEMS6003PL-ULF-IS	ADA COMPLIANT 17" RIM HEIGHT
WC	WATER CLOSET	WALL MOUNTED, WALL OUTLET, VITREOUS CHINA, SIPHON JET WATER CLOSET W ELONGATED BOWL (DESIGNED FOR A 1.28 GALLON FLUSH CYCLE) AND HARD-WIRED SENSOR OPERATED FLUSH VALVE. WATER CLOSET SHALL BE FITTED WITH OPEN FRONT SEAT WITHOUT COVER. PROVIDE HEAVY-DUTY CARRIER WITH 500 LB RATING. FIXTURE: SLOAN, KOHLER, AMERICAN STANDARD, ZURN. FLUSH VALVE: SLOAN, KOHLER, AMERICAN STANDARD, ZURN.	---	1-1/2"	3"	2"	ZURN FIXTURE ZURN SEAT ZURN VALVE	Z5615-BWL Z5955SS-EL ZEMS6000AV-HET-IS	15-17" SEAT HEIGHT
WC-A	WATER CLOSET - ADA	ADA COMPLIANT, WALL MOUNTED, WALL OUTLET, VITREOUS CHINA, SIPHON JET WATER CLOSET WITH ELONGATED BOWL (DESIGNED FOR A 1.28 GALLON FLUSH CYCLE) AND HARD-WIRED SENSOR OPERATED FLUSH VALVE. WATER CLOSET SHALL BE FITTED WITH OPEN FRONT SEAT WITHOUT COVER. PROVIDE HEAVY-DUTY CARRIER WITH 500 LB RATING. FIXTURE: SLOAN, KOHLER, AMERICAN STANDARD, ZURN. FLUSH VALVE: SLOAN, KOHLER, AMERICAN STANDARD, ZURN.	---	1-1/2"	3"	2"	ZURN FIXTURE ZURN SEAT ZURN VALVE	Z5615-BWL Z5955SS-EL ZEMS6000AV-HET-IS	17-19" SEAT HEIGHT

NOTES:
1. PROVIDE ANGLE STOP VALVES, SUPPLY TUBING, P-TRAPS, ESCUTCHEON PLATES, STRAINERS, ETC., FOR COMPLETE INSTALLATION. BASIS OF DESIGN SHALL BE HEAVY GAUGE, CHROME-PLATED CONSTRUCTION BY EBC OR APPROVED EQUAL BY MCGUIRE OR DEARBORN.
2. PROVIDE HEAVY-DUTY CARRIERS FOR COMPLETE INSTALLATION. BASIS OF DESIGN SHALL BE ZURN OR APPROVED EQUAL BY JR SMITH OR JOSAM.
3. ALL SUPPLY AND WASTE LINES SHALL BE CONCEALED IN ADJACENT WALL, FLOOR AND CEILING, UNLESS NOTED OTHERWISE.
4. MOUNT ALL FIXTURES, VALVES, ETC. SO EASILY ACCESSIBLE FOR MAINTENANCE. COORDINATE ACCESS PANEL LOCATIONS WITH A/E PRIOR TO INSTALLATION.
5. COORDINATE WITH ARCHITECTURAL DOCUMENTS FOR ALL PLUMBING FIXTURE ROUGH-IN LOCATIONS AND HEIGHTS.
6. ALL ADA SINKS AND LAVATORIES SHALL HAVE INSULATION KIT ON EXPOSED WASTE AND WATER PIPING.
7. COORDINATE HEIGHT OF FLUSH VALVES AND SUPPLIES THROUGH WALL WITH ADA GRAB BARS.
8. PLUMBING CONTRACTOR SHALL SUBMIT ALL PLUMBING FIXTURE AND COLOR SELECTIONS TO ARCHITECT TO OBTAIN FINAL APPROVAL.

PLUMBING CODES & STANDARDS

CODE	DESCRIPTION
I.B.C. (2012)	INTERNATIONAL BUILDING CODE
I.E.C.C (2009)	INTERNATIONAL ENERGY CONSERVATION CODE
I.P.C. (2012)	INTERNATIONAL PLUMBING CODE

PLUMBING ABBREVIATIONS

ABBR	DESCRIPTION
A/C	ABOVE CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BFP	BACKFLOW PREVENTER
BV	ISOLATION VALVE
C	DOMESTIC COLD WATER SUPPLY
FCO	FLOOR CLEANOUT
FPM	FFET PER MINUTE
FT	FEET
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H	140° DOMESTIC HOT WATER SUPPLY
HA	HAMMER ARRESTOR
HB	HOSE BIBB
HCP	HOT WATER RECIRCULATING PUMP
HR	140° DOMESTIC HOT WATER RETURN
HVAC	HVAC MAKEUP WATER
IE	INVERT ELEVATION
OF	SECONDARY STORM
OFO	OVERFLOW OUTLET
P	PROPANE
PC	PLUMBING CONTRACTOR
S	SANITARY/WASTE PIPING
ST	STORM
T	TEMPERED WATER SUPPLY
TP	TRAP PRIMER
TR	TEMPERED WATER RETURN
U/G	UNDER GROUND
V	VENT PIPING
VTR	VENT THRU ROOF
WCO	WALL CLEANOUT
WH	WATER HEATER

PLUMBING SYMBOLS

SYMBOL	DESCRIPTION
	SANITARY AND WASTE PIPING
	VENT PIPING
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT/TEMPERED WATER PIPING
	DOMESTIC HOT/TEMPERED WATER RETURN PIPING
	STORM PIPING
	SECONDARY STORM PIPING
BFP	BACKFLOW PREVENTER
	CONTROL VALVE
	BALANCING VALVE
	SWING CHECK VALVE
	ISOLATION VALVE
	PIPE UP
	PIPE DN
	PIPE REDUCER
	PIPE STRAIGHT TEE
	PIPE TEE DN
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN WITH FLOOR SLOPED TO DRAIN
	HOSE BIBB - INTERIOR, EXTERIOR
	TRAP PRIMER
VTR	VENT THRU ROOF

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: KMM
CHECKED BY: MAU

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PROFESSIONAL STAMPS:

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION — DWG, INC. CONSULTING ENGINEERS No.C03649

SOUTH CAROLINA — No.27045 — 06/30/2016 — MARK A. UYAK

#	REVISION	DATE	BY

DATE
06/30/2016
PROJECT NUMBER
01-16002
SHEET TITLE
PLUMBING NOTES & LEGENDS

DWG CONSULTING ENGINEERS — Fixture . conduit . system
Wood+Partners Inc. WPi — Landscape Architects Land Planners
PO Box 23949 ■ Hilton Head Island, SC 29925
843.681.6618 ■ Fax 843.681.7086 ■ www.woodandpartners.com
DWG Project No. 15008-00

SHEET NUMBER
P0.001

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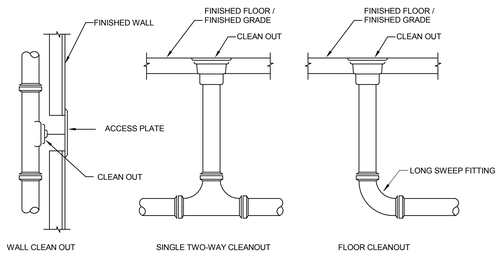
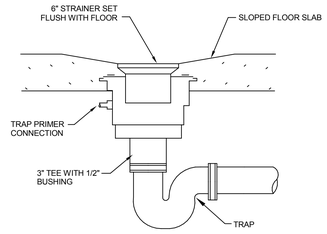


1 P0.501 CLEANOUT DETAIL
NOT TO SCALE



2 P0.501 FLOOR DRAIN INSTALLATION DETAIL
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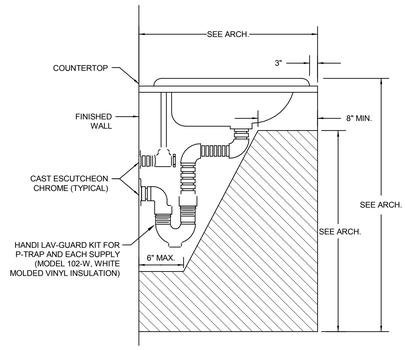
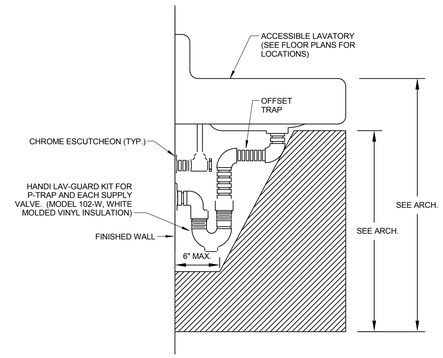


NOTE:
CABINETS AND / OR COUNTERTOP INSTALLATIONS WITH SKIRTED FACES MAY OMIT INSULATION KITS IF ADA CLEARANCES SHOWN ARE MET.

3 P0.501 P-TRAP INSULATION DETAIL W/ ADA CLEARANCES
NOT TO SCALE



4 P0.501 P-TRAP INSULATION DETAIL WITH ADA CLEARANCES
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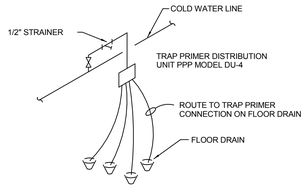
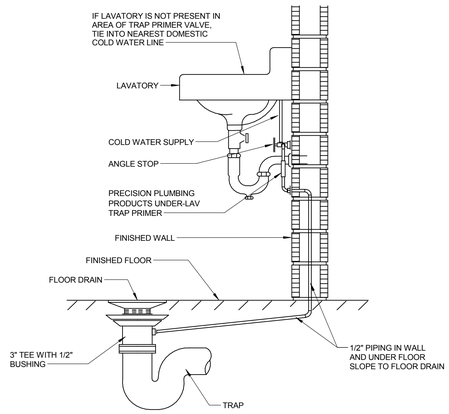


NOTE:
INSTALL TRAP PRIMER DISTRIBUTION UNIT IN CHASE WALL PROVIDE POSITIVE SLOPE TO TRAP CONNECTION.

5 P0.501 TRAP PRIMER DETAIL
NOT TO SCALE



6 P0.501 TRAP PRIMER VALVE DETAIL
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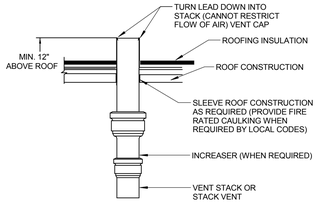

7 P0.501 VTR DETAIL
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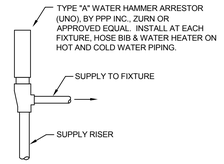

8 P0.501 WATER HAMMER ARRESTOR DETAIL
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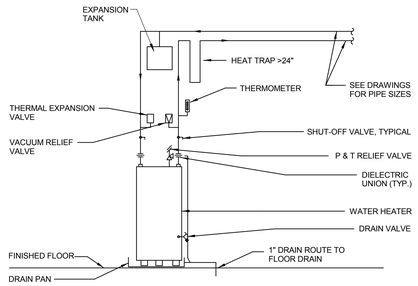

9 P0.501 WATER HEATER INSTALLATION DETAIL
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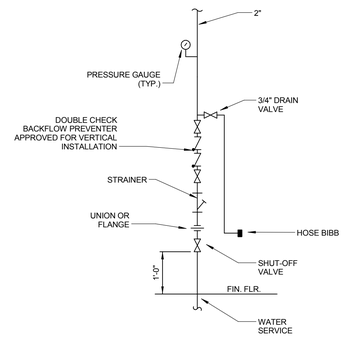

10 P0.501 WATER SERVICE RISER INSTALLATION DETAIL
NOT TO SCALE

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: KMM
CHECKED BY: MAU

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PROFESSIONAL STAMPS:

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION DWG, INC. CONSULTING ENGINEERS No.C03649

SOUTH CAROLINA REGISTERED No.27045 06/30/2016 MARK A. UYAK

#	REVISION	DATE	BY

DATE
06/30/2016
PROJECT NUMBER
01-16002
SHEET TITLE
PLUMBING DETAILS

DWG CONSULTING ENGINEERS listen.consult.sustain
Wood+Partners Inc. Landscape Architects Land Planners
PO Box 23949 ▪ Hilton Head Island, SC 29925
843.681.6618 ▪ Fax 843.681.7068 ▪ www.woodandpartners.com
DWG Project No. 15008-00

SHEET NUMBER
P0.501

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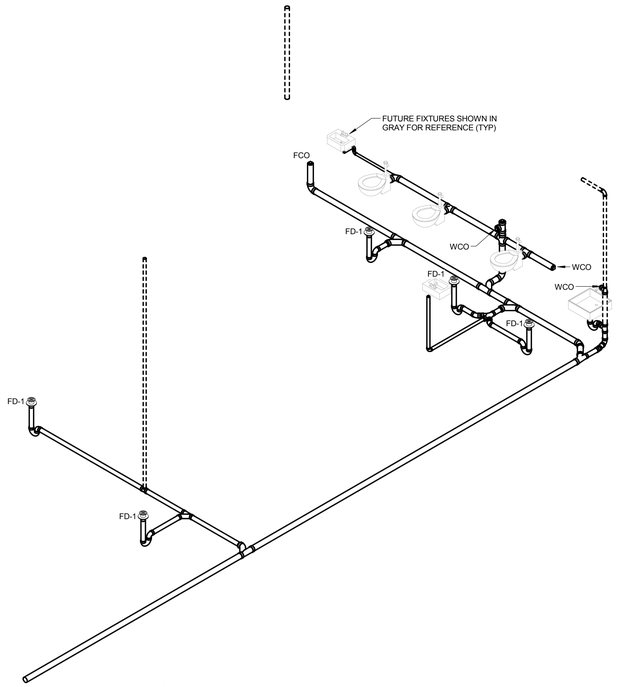

1 P0.901 MUSEUM SANITARY & VENT ISOMETRIC
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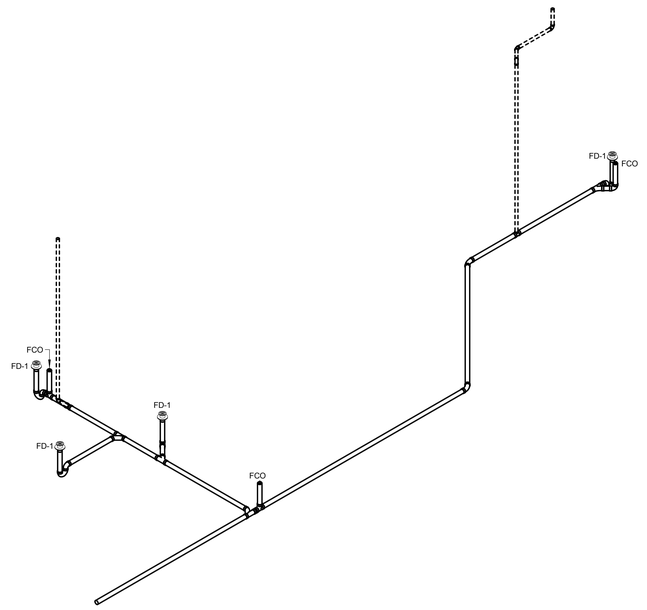

2 P0.901 PAVILION SANITARY & VENT ISOMETRIC
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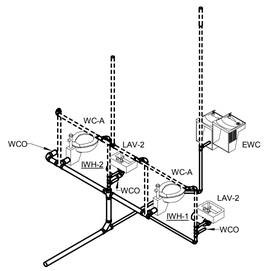

3 P0.901 POND RESTROOM SANITARY & VENT ISOMETRIC
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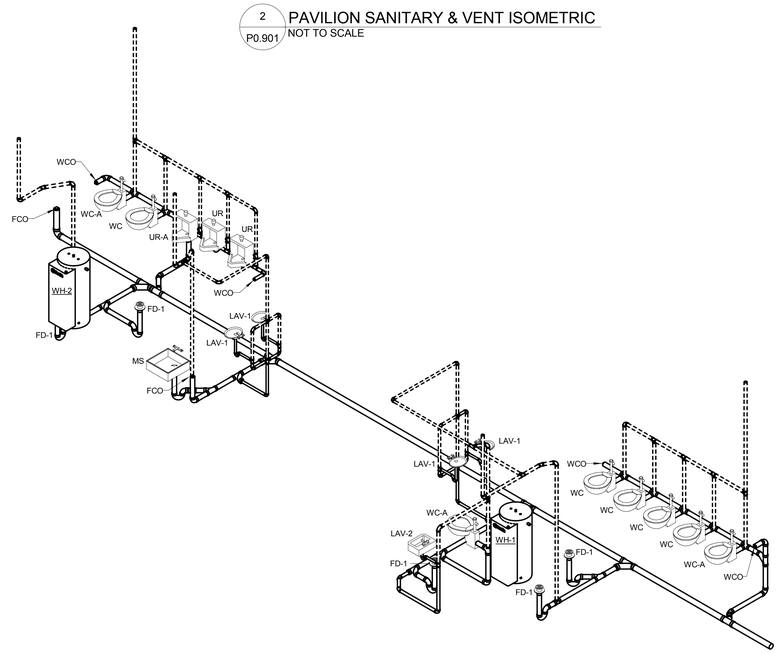

4 P0.901 RESTROOM SANITARY & VENT ISOMETRIC
NOT TO SCALE

Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

CONSTRUCTION DOCUMENTS
FOR

COLIGNY PARK

Hilton Head Island, South Carolina

DRAWN BY:
KMM

CHECKED BY:
MAU

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SOUTH CAROLINA
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CONSULTING ENGINEERS
No.C03649
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
No.27045
06/30/2016
MARK A. UTAK

#	REVISION	DATE	BY

DATE
06/30/2016

PROJECT NUMBER
01-16002

SHEET TITLE
PLUMBING ISOMETRICS

SHEET NUMBER
P0.901

DWG CONSULTING ENGINEERS
listen . consult . sustain

Wood+Partners Inc. WPi
Landscape Architects
Land Planners

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DWG Project No. 15008-00

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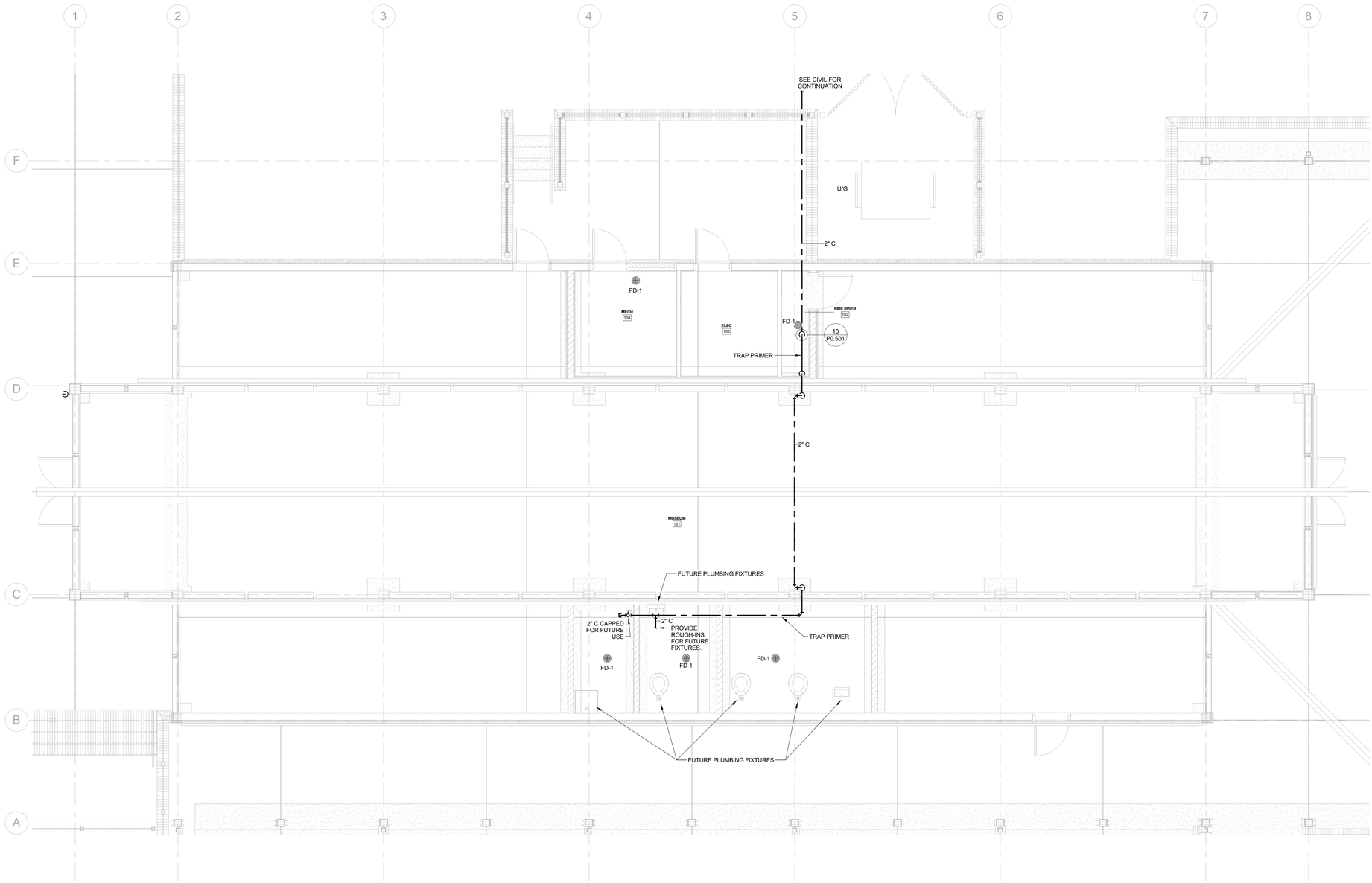

1 P1.101 MUSEUM DOMESTIC HOT & COLD WATER PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. WHERE PIPE SIZE IS NOT SHOWN, REFER TO FIXTURE SCHEDULE OR EQUIPMENT INSTALLATION MANUAL FOR CONNECTION SIZE.
2. PROVIDE HAMMER ARRESTOR FOR EVERY FIXTURE. SEE DETAIL.
3. ROUTE 1/2" C TRAP PRIMER PIPING TO ALL FLOOR DRAINS FROM DOMESTIC COLD WATER LINES. SEE DETAILS.
4. IN AREAS WITH EXPOSED CEILINGS, PIPING SHALL BE ROUTED AS TIGHT TO STRUCTURE AS POSSIBLE, UNO.

Town of Hilton Head Island
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CONSTRUCTION DOCUMENTS FOR
COLIGNY PARK
Hilton Head Island, South Carolina

DRAWN BY: KMM
CHECKED BY: MAU

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SOUTH CAROLINA PE No.27045 06/30/2016 MARK A. UYAK

#	REVISION	DATE	BY

DATE
06/30/2016
PROJECT NUMBER
01-16002
SHEET TITLE
MUSEUM DOMESTIC HOT & COLD WATER PLAN

SHEET NUMBER
P1.101

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843.681.6618 ▮ Fax 843.681.7068 ▮ www.woodandpartners.com

DWG Project No. 15008-00

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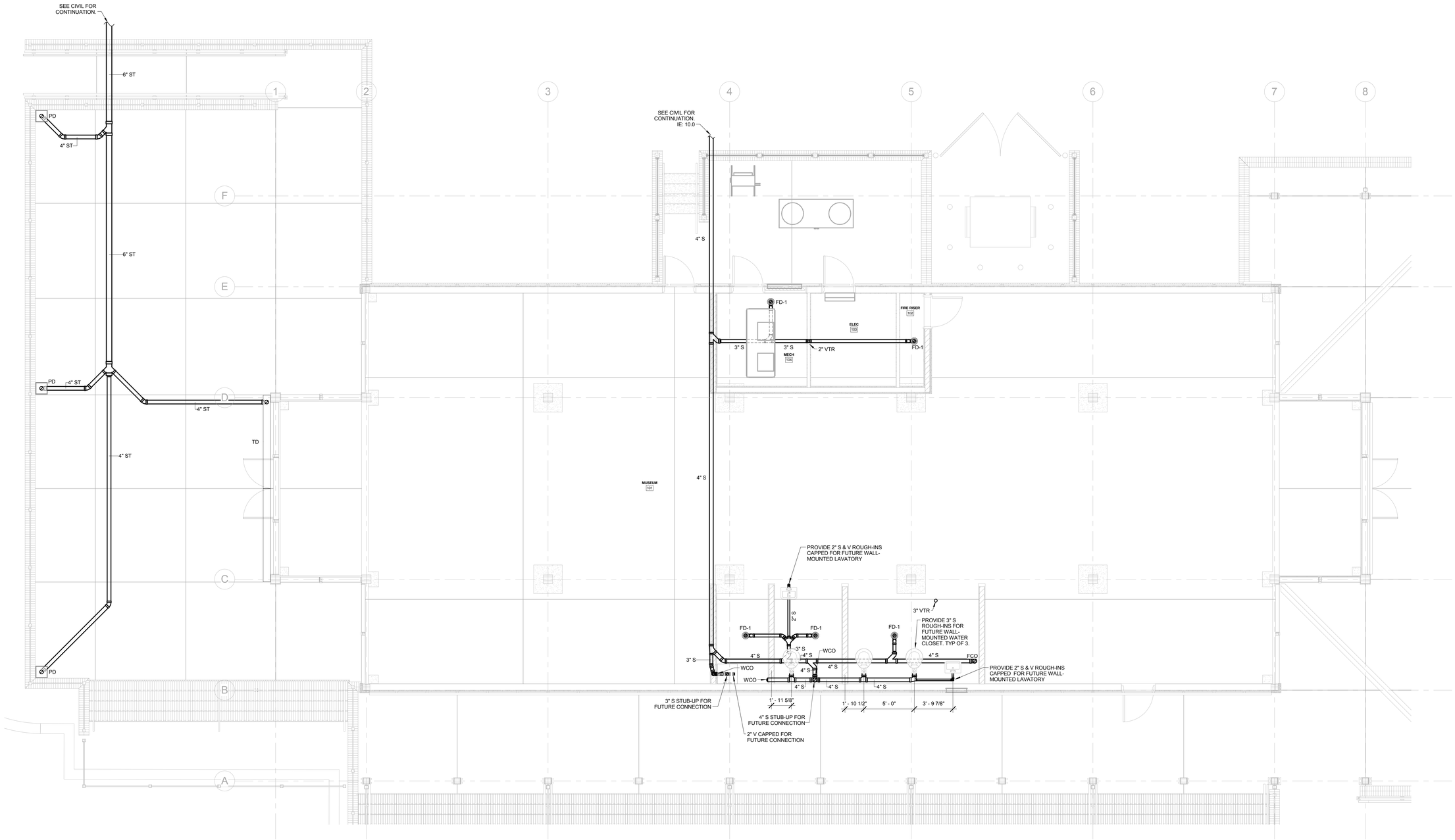

1 P1.102 MUSEUM SANITARY & VENT PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. WHERE PIPE SIZE IS NOT SHOWN, REFER TO FIXTURE SCHEDULE OR EQUIPMENT INSTALLATION MANUAL FOR CONNECTION SIZE.
2. PROVIDE TRAP PRIMER CONNECTION ON ALL FLOOR DRAINS.
3. IN AREAS WITH EXPOSED CEILINGS, PIPING SHALL BE ROUTED AS TIGHT TO STRUCTURE AS POSSIBLE.
4. ALL VENT PIPING IS DRAWN DIAGRAMATTICALLY FOR CLARITY. COORDINATE INSTALLATION OF VENT PIPING WITH OTHER TRADES.

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Hilton Head Island, South Carolina

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SOUTH CAROLINA No.27045 06/30/2016 MARK A. UYAK

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DATE 06/30/2016
PROJECT NUMBER 01-16002
SHEET TITLE MUSEUM SANITARY & VENT PLAN

SHEET NUMBER P1.102

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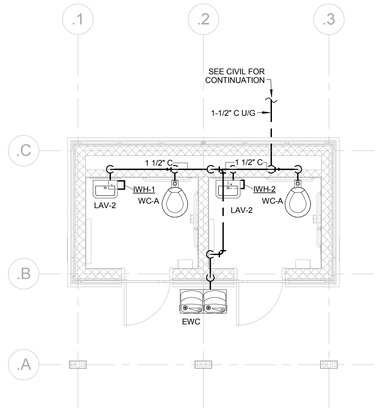
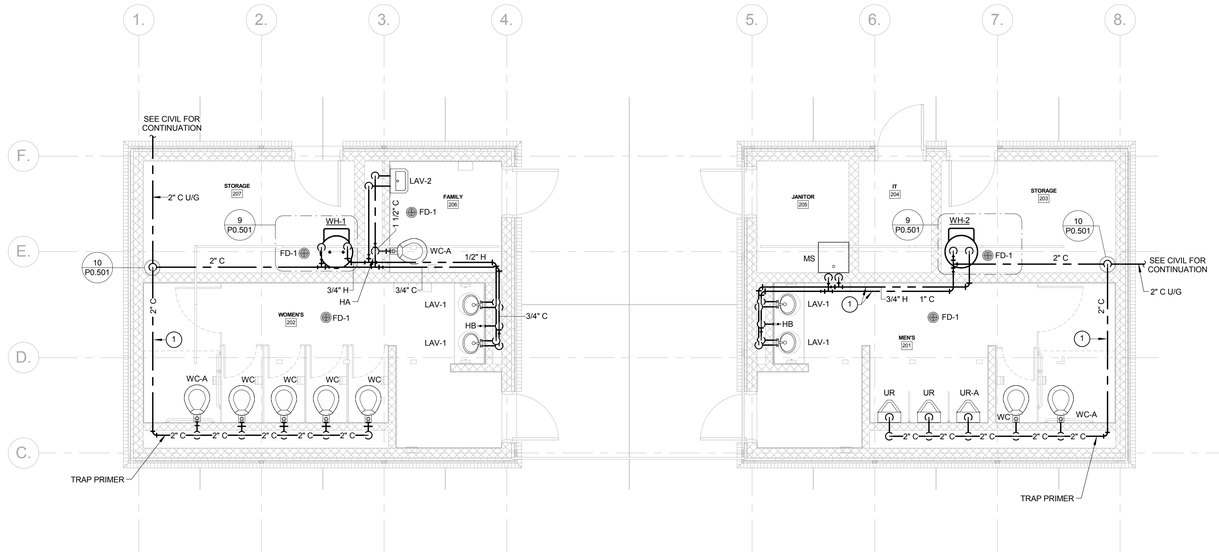


1 P2.101 POND RESTROOM - DOMESTIC HOT & COLD WATER PLAN

SCALE: 1/4" = 1'-0"



2 P2.101 RESTROOM - DOMESTIC HOT & COLD WATER PLAN

SCALE: 1/4" = 1'-0"

KEY NOTES

1. DO NOT ROUTE PIPING THROUGH IT ROOM. SUPPORT PIPING ON WALL AND PAINT TO MATCH WALL COLOR. INSTALL LABELS ON TOP OF PIPING OUT OF SIGHT FROM STANDING HEIGHT.

GENERAL NOTES

1. WHERE PIPE SIZE IS NOT SHOWN, REFER TO FIXTURE SCHEDULE OR EQUIPMENT INSTALLATION MANUAL FOR CONNECTION SIZE.
2. PROVIDE HAMMER ARRESTOR FOR EVERY FIXTURE. SEE DETAIL.
3. ROUTE 1/2" C TRAP PRIMER PIPING TO ALL FLOOR DRAINS FROM DOMESTIC COLD WATER LINES. SEE DETAILS.
4. IN AREAS WITH EXPOSED CEILINGS, PIPING SHALL BE ROUTED AS TIGHT TO STRUCTURE AS POSSIBLE, UNO.

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CONSTRUCTION DOCUMENTS FOR
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SOUTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No.270455 06/30/2016 MARK A. UYAK

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PROJECT NUMBER 01-16002

SHEET TITLE RESTROOM DOMESTIC WATER PLANS

SHEET NUMBER P2.101

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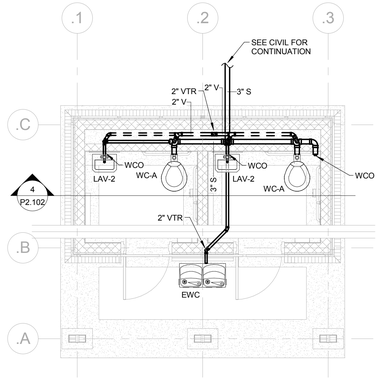
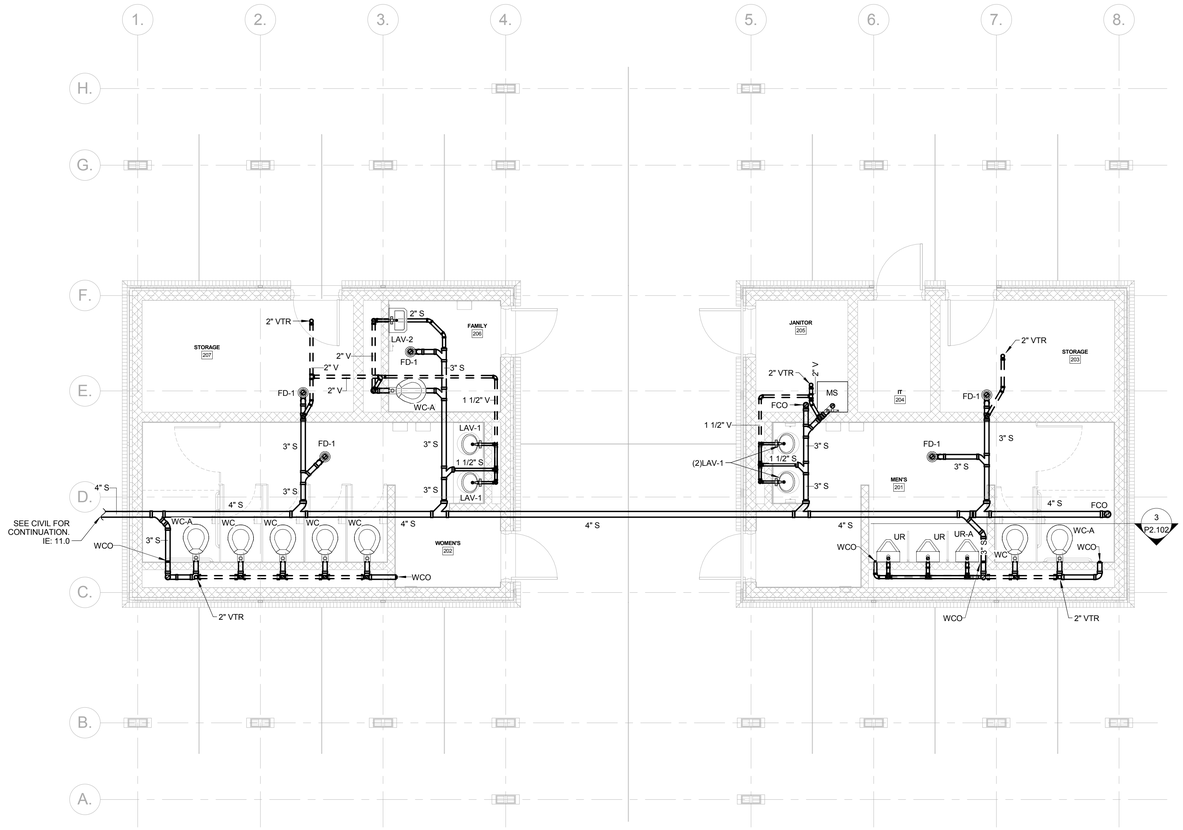
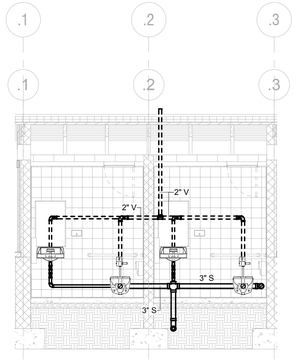


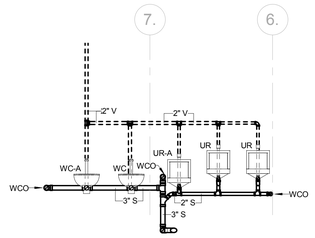
1 P2.102 POND RESTROOM SANITARY & VENT PLAN
SCALE: 1/4" = 1'-0"



2 P2.102 RESTROOM SANITARY & VENT PLAN
SCALE: 1/4" = 1'-0"



4 P2.102 POND RESTROOM SANITARY & VENT SECTION
SCALE: 1/4" = 1'-0"



3 P2.102 RESTROOM MEN'S 201 SECTION
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. WHERE PIPE SIZE IS NOT SHOWN, REFER TO FIXTURE SCHEDULE OR EQUIPMENT INSTALLATION MANUAL FOR CONNECTION SIZE.
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3. IN AREAS WITH EXPOSED CEILINGS, PIPING SHALL BE ROUTED AS TIGHT TO STRUCTURE AS POSSIBLE.
4. ALL VENT PIPING IS DRAWN DIAGRAMATTICALLY FOR CLARITY. COORDINATE INSTALLATION OF VENT PIPING WITH OTHER TRADES.

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CONSTRUCTION DOCUMENTS FOR
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RESTROOM SANITARY & VENT PLANS

SHEET NUMBER
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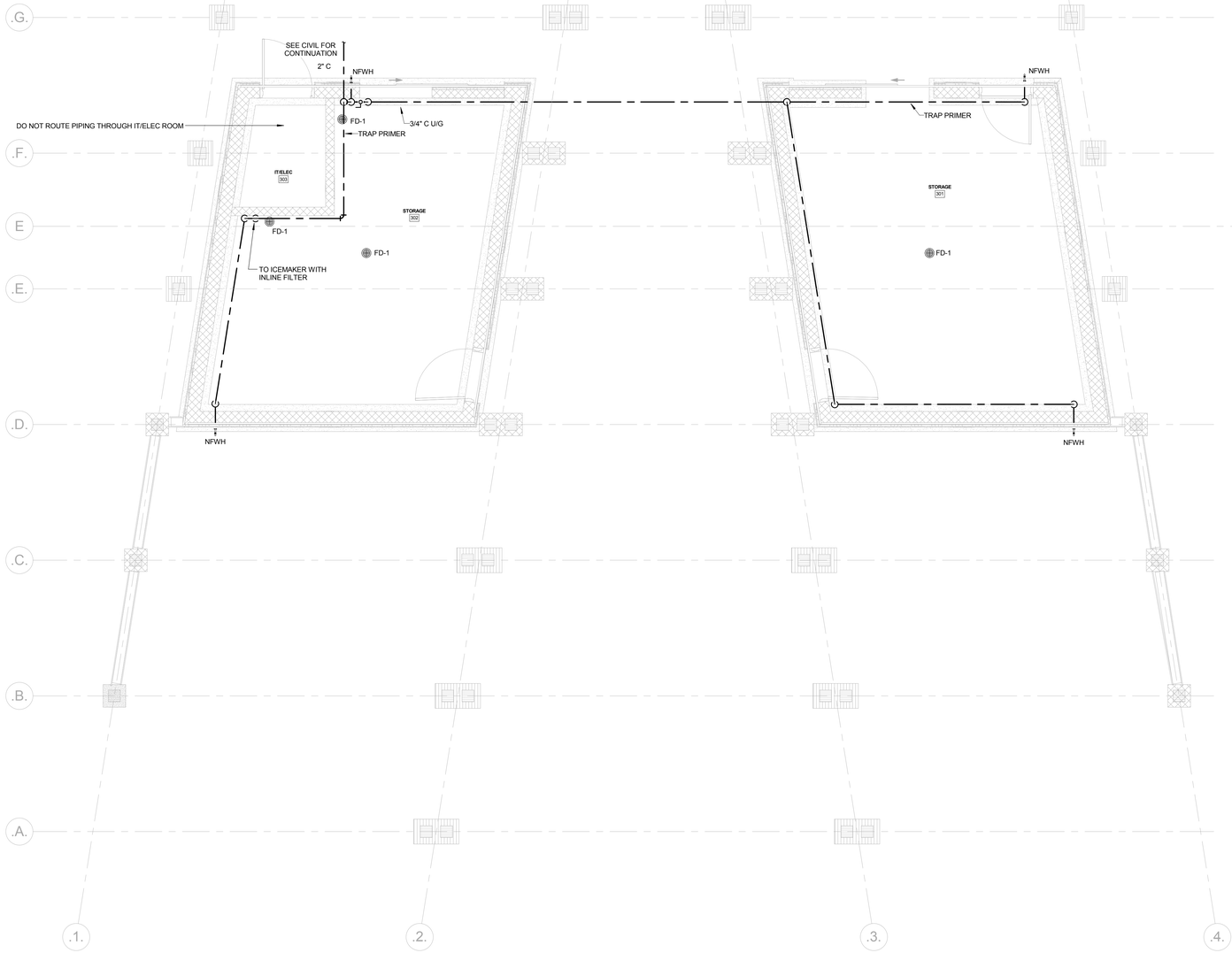

1 P3.101 PAVILION DOMESTIC HOT & COLD WATER PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. WHERE PIPE SIZE IS NOT SHOWN, REFER TO FIXTURE SCHEDULE OR EQUIPMENT INSTALLATION MANUAL FOR CONNECTION SIZE.
2. PROVIDE HAMMER ARRESTOR FOR EVERY FIXTURE. SEE DETAIL.
3. ROUTE 1/2" C TRAP PRIMER PIPING TO ALL FLOOR DRAINS FROM DOMESTIC COLD WATER LINES. SEE DETAILS.
4. IN AREAS WITH EXPOSED CEILINGS, PIPING SHALL BE ROUTED AS TIGHT TO STRUCTURE AS POSSIBLE, UNO.

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CONSTRUCTION DOCUMENTS FOR
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SOUTH CAROLINA
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MARK A. UYAK

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PROJECT NUMBER
01-16002
SHEET TITLE
PAVILION DOMESTIC WATER PLAN

SHEET NUMBER
P3.101

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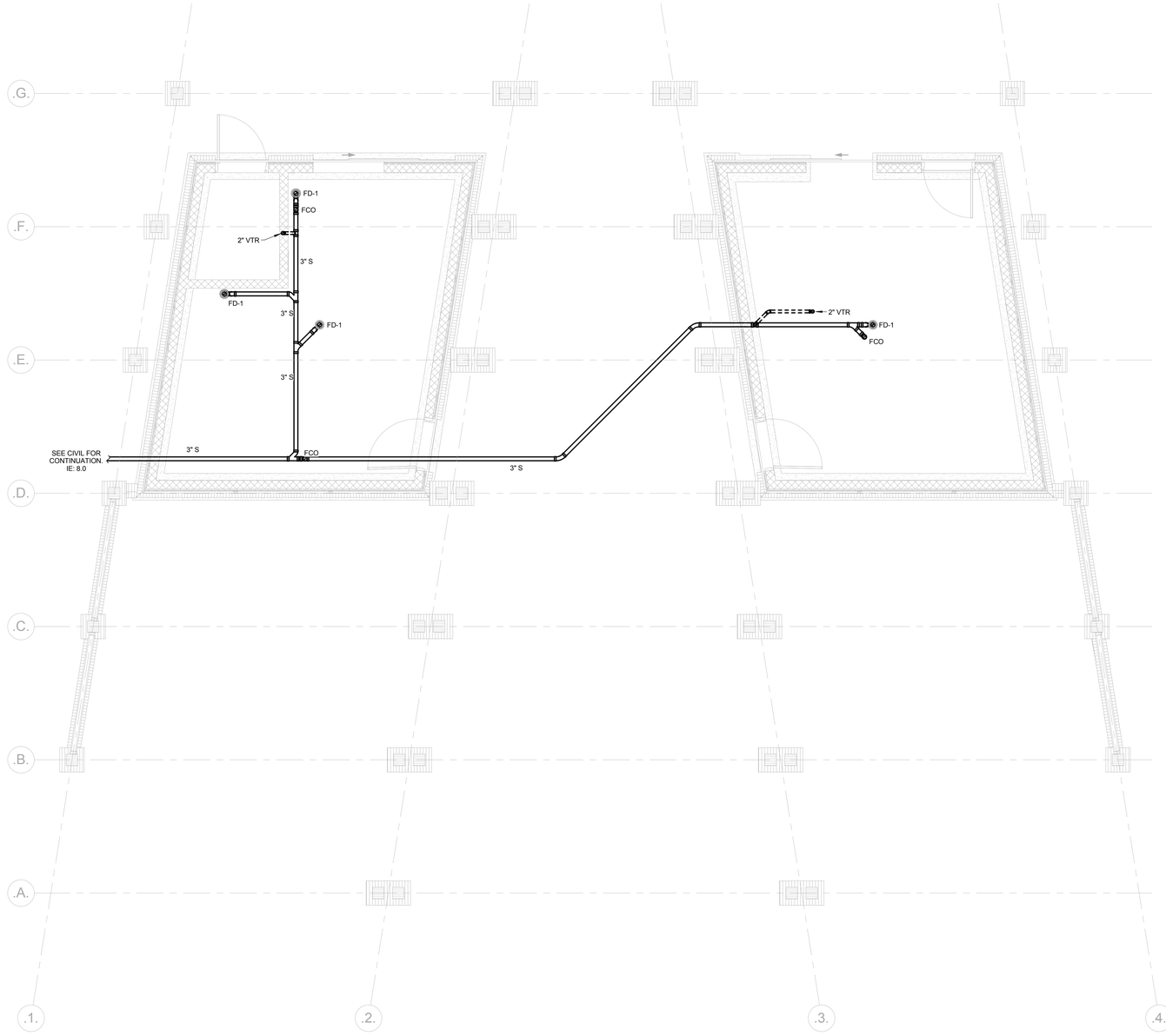

1 P3.102 PAVILION SANITARY & VENT PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

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CONSTRUCTION DOCUMENTS
FOR
COLIGNY PARK
Hilton Head Island, South Carolina

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KMM

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SOUTH CAROLINA
REGISTERED
LANDSCAPE ARCHITECT
No.2704
06/30/2016
MARK A. UYAK

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06/30/2016

PROJECT NUMBER
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SHEET TITLE
PAVILION SANITARY & VENT PLAN

SHEET NUMBER
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