Town of Hilton Head Island

Design Review Board Meeting

Tuesday, November 9, 2021 – 1:15 p.m.

AGENDA

This meeting will be conducted virtually and can be viewed on the Town of Hilton Head Island Public Meetings Facebook Page. A Facebook account is not required to access the meeting livestream.

1. **Call to Order**
2. **FOIA Compliance** – Public notification of this meeting has been published, posted, and distributed in compliance with the South Carolina Freedom of Information Act and the requirements of the Town of Hilton Head Island.
3. **Roll Call**
4. **Approval of Agenda**
5. **Approval of Minutes**
   - **a.** Meeting of October 12, 2021
6. **Appearance by Citizens**

   Citizens who wish to address the Board concerning items on the agenda may do so by contacting the Board Secretary at 843-341-4691 no later than 12:15 p.m. the day of the meeting. Citizens may also submit written comments via the Town's Open Town Hall Portal. The portal will close at 12:15 p.m. the day of the meeting. Comments submitted through the portal will be provided to the Board and made part of the official record.
7. **Unfinished Business** – None
8. **New Business**
   - **a.** *New Development – Final*
     - **i.** Dolphin Head Recreation Area, DRB-002414-2021
   - **b.** *Alteration/Addition*
     - **i.** Harley Davidson Retail Store, DRB-002394-2021
     - **ii.** Subway Canopy, DRB-002465-2021
   - **c.** *New Development – Conceptual*
     - **i.** Heritage Academy Pavilion, DRB-002396-2021
9. **Board Business**
10. **Staff Report**
    - **a.** Minor Corridor Report
11. **Adjournment**

Please note that a quorum of Town Council may result if four (4) or more of their members attend this meeting.

Town of Hilton Head Island

Design Review Board Meeting

October 12, 2021, at 10:00 a.m. Virtual Meeting

MEETING MINUTES

Present from the Board: Chair Cathy Foss, Vice Chair John Moleski (joined the meeting at 10:04 a.m.), David McAllister, Annette Lippert, Judd Carstens, Ryan Bassett

Absent from the Board: Ben Brown (Excused)

Present from Town Council: Tamara Becker, David Ames, Glenn Stanford (joined the meeting at 11:15 a.m.)

Present from Town Staff: Chris Darnell, Urban Designer; Nicole Dixon, Development Review Administrator; Chris Yates, Interim Community Development Director; Teresa Haley, Senior Administrative Assistant; Vicki Pfannenschmidt, Temporary Administrative Assistant

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1. **Call to Order**

   Chair Foss called the meeting to order at 10:00 a.m.

2. **FOIA Compliance –** Public notification of this meeting has been published, posted, and distributed in compliance with the South Carolina Freedom of Information Act and the requirements of the Town of Hilton Head Island.

3. **Roll Call –** See as noted above.

4. **Approval of Agenda**

   Chair Foss asked if there were any changes to the agenda. There being none, Mr. McAllister moved to approve. Mr. Carstens seconded. By show of hands, the motion passed 5-0-0.

   Mr. Moleski joined the meeting at this time.

5. **Approval of Minutes**

   a. Meeting of September 28, 2021

   Chair Foss asked for a motion to approve the minutes of the September 28, 2021, regular meeting. Mr. Carstens moved to approve. Mr. McAllister seconded. By show of hands, the motion passed 6-0-0.

6. **Appearance by Citizens**

   Public comments concerning agenda items were to be submitted electronically via the Open Town Hall HHI portal. The comments were provided to the Board for review and made part of the official record. Citizens were provided the option to sign up for public

comment participation during the meeting by phone. There were no requests to participate by phone.

7. **Unfinished Business** - None

8. **New Business**

a. *New Development – Final*

i. 15 Wimbledon, DRB-002231-2021

(Due to a potential conflict of interest, Mr. Bassett recused himself from discussion and voting regarding 15 Wimbledon Court, DRB-002231-2021. The required Potential Conflict of Interest form has been completed and made part of the official record.)

Mr. Darnell presented the application as described in the Board's agenda package and stated Staff recommends final approval with the following conditions:

- Revise the lighting plan to be compliant with the LMO requirements and submit for approval by Staff.
- Provide an installation detail or plan for the tree and well lights that will not impact tree roots and submit for approval by Staff.

Chair Foss asked if the applicant would like to add to Staff's narrative. The applicant presented statements regarding the project and answered questions by the Board. The Board and the applicant discussed the application, and the following concerns and recommendations were made regarding the project: reduction in size of the fountain; clarification of fountain equipment location; consideration of a pierced brick wall behind grilling area; comments regarding the significant amount of plantings; the addition of horizontal banding; suggestion of an additional live oak for symmetry; clarification of the lighting in the grilling area; consideration for additional pathway lighting on the southwest corner; confirmation of the reductions in height for the entrance canopy; and confirmation the amount of parking meets the LMO standards.

Following discussion, Mr. Carstens moved to approve DRB-002231-2021 with the following conditions:

1. Addition of path lights to sheet L6.2 for the eastern pedestrian access to the site.
2. Addition of a three inch live oak tree at the entry area on sheet L4.1
3. Revision of the trellis detail 3.5 on sheet L3.3 to include the down light wash light and the associated conduit.
4. All of Staff comments.
5. All items are to be submitted for approval by Staff.

b. *New Development – Conceptual*

i. Crave Station, DRB-002092-2021

Mr. Darnell presented the application as described in the Board's agenda package and requested that the additional information regarding the bench provided to the Design Review Board in a separate email on October 11, 2021, be accepted for consideration.

Chair Foss asked for a motion to accept the additional information. Mr. McAllister moved to accept the supplemental material into the record. Mr. Bassett seconded. By way of roll call, the motion passed by a vote of 6-0-0.

Mr. Darnell stated Staff recommends approval with the condition that the bench and bench materials be reconsidered and submitted to Staff for review and approval.

Chair Foss asked if the applicant would like to add to Staff's narrative. The applicant presented statements regarding the project and answered questions by the Board. The Board and the applicant discussed the application, and the following concerns and recommendations were made regarding the project: consideration of matching bench to park benches; suggestion to utilize color and similar materials used for bench for bike rack; confirmation on location of the bike racks; the need for wheel stops on parking spaces 1-9; confirmation of meeting minimum requirement for drive aisle; the need for the site to be pedestrian friendly; clarification of door color; the need to have the West elevation match the rest of the building; concern over the location of lights on top of the parapet; consideration of planters in the south elevation; the need for a site lighting plan; concern regarding the view of counters through the existing windows; and confirmation of the trim/soffit color.

Following discussion, Mr. McAllister moved to approve DRB-002092-2021 with the following conditions:

1. Upsize the live oaks to four-inch caliper trees.
2. Add wheel stops where the parking abuts the sidewalk.
3. Match the bench spec at Lowcountry Celebration Park.
4. Bike rack color to match the bench.
5. West elevation should match the rest of the building in finish and material.
6. Door should be the same color as the siding.
7. Keep the goose neck lights below the top of the parapet.
8. Any new light fixtures cut sheets should be reviewed and approved by staff.
9. Consider adding planters to the south elevation.
10. Counters behind existing windows of the east elevation to have a finished surface facing the windows.
11. No surface mounted conduit will be on the renovated façade.
12. Soffit material will be hardy panel and trim in the cyberspace color.
13. A lighting plan should be submitted for staff review.

Mr. Carstens seconded. By way of roll call, the motion passed by a vote of 6-0-0.

i. Hudson Commercial Building, DRB-002232-2021

Mr. Darnell presented the application as described in the Board's agenda package and stated Staff recommends conceptual approval as submitted.

Chair Foss asked if the applicant would like to add to Staff's narrative. The applicant presented statements regarding the project and answered questions by the Board. The Board and the applicant discussed the application, and the following concerns and recommendations were made regarding the project: clarification on roof pitch; location of the service yard; the need to color match the existing asphalt shingles; consideration to upsize the live oaks; and a suggestion to swap out the philodendrons in the plantings.

Following discussion, Mr. Carstens moved to approve DRB-002232-2021 with the following conditions:

1. Upsize the six live oaks (four in the parking area and two on the Squire Pope frontage) to four-inch caliper trees.
2. Exchange the split leaf philodendron for another evergreen shrub.
3. Verification of shingle infill match the existing roof shingles in color.

Mr. McAllister seconded. By way of roll call, the motion passed by a vote of 6-0-0.

9. Board Business – Chair Foss reminded all Board members and participants the importance of signing on to the Zoom meeting well in advance of the meeting. She suggested at least 10-15 minutes in advance of the meeting would be of help as there are administrative tasks that need to take place regarding audio, video, and details regarding participation during the meeting. She noted this extra time would ensure starting the meeting on time.

10. Staff Report

a. Minor Corridor Report – None

11. Adjournment

The meeting was adjourned at 11:53 a.m.

Submitted by: Vicki Pfannenschmidt, Secretary

Approved: [DATE]

Town of Hilton Head Island

Community Development Department
One Town Center Court
Hilton Head Island, SC 29928
Phone: 843-341-4757 Fax: 843-842-8908
www.hiltonheadislandsc.gov

FOR OFFICIAL USE ONLY
Date Received: _____
Accepted by: _____
DRB #: _____
Meeting Date: _____

Applicant/Agent Name: KYLE THEODORE Company: WOOD + PARTNERS
Mailing Address: 7 LAFAYETTE PLACE City: HILTON HEAD IS. State: SC Zip: 29926
Telephone: 843-681-6018 ext. 236 Fax: N/A E-mail: ktheodore@woodandpartners.com
Project Name: DOLPHIN HEAD REC. AREA Project Address: 171 DOLPHIN HEAD LANE
Parcel Number [PIN]: R510 004 000 0210 0000
Zoning District: HILTON HEAD PLANTATION PD-1 RECREATION Overlay District(s): -

CORRIDOR REVIEW, MAJOR
DESIGN REVIEW BOARD (DRB) SUBMITTAL REQUIREMENTS

Digital Submissions may be accepted via e-mail by calling 843-341-4757.

Project Category:

_____ Concept Approval – Proposed Development
✓ Final Approval – Proposed Development
_____ Alteration/Addition
_____ Sign

Submittal Requirements for ***All*** projects:

✓ Private Architectural Review Board (ARB) Notice of Action (if applicable): When a project is within the jurisdiction of an ARB, the applicant shall submit such ARB's written notice of action per LMO Section 16-2-103.I.4.b.iii.01. Submitting an application to the ARB to meet this requirement is the responsibility of the applicant.

✓ Filing Fee: Concept Approval-Proposed Development $175, Final Approval – Proposed Development $175, Alterations/Additions $100, Signs $25; cash or check made payable to the Town of Hilton Head Island.

Additional Submittal Requirements:

Concept Approval – Proposed Development

_____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.
_____ A site analysis study to include specimen trees, access, significant topography, wetlands, buffers, setbacks, views, orientation and other site features that may influence design.
_____ A draft written narrative describing the design intent of the project, its goals and objectives and how it reflects the site analysis results.
_____ Context photographs of neighboring uses and architectural styles.
_____ Conceptual site plan (to scale) showing proposed location of new structures, parking areas and landscaping.
_____ Conceptual sketches of primary exterior elevations showing architectural character of the proposed development, materials, colors, shadow lines and landscaping.

Additional Submittal Requirements:

Final Approval – Proposed Development

✓ A final written narrative describing how the project conforms with the conceptual approval and design review guidelines of Sec. 16-3-106.F.3.

✓ Final site development plan meeting the requirements of Appendix D: D-6.F.

✓ Final site lighting and landscaping plans meeting the requirements of Appendix D: D-6.H and D-6.I.

✓ Final floor plans and elevation drawings (1/8"=1'-0" minimum scale) showing exterior building materials and colors with architectural sections and details to adequately describe the project.

✓ A color board (11"x17" maximum) containing actual color samples of all exterior finishes, keyed to the elevations, and indicating the manufacturer's name and color designation.

_____ Any additional information requested by the Design Review Board at the time of concept approval, such as scale model or color renderings, that the Board finds necessary in order to act on a final application.

Additional Submittal Requirements:

Alterations/Additions

_____ All of the materials required for final approval of proposed development as listed above, plus the following additional materials.

_____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.

_____ Photographs of existing structure.

Additional Submittal Requirements:

Signs

_____ Accurate color rendering of sign showing dimensions, type of lettering, materials and actual color samples.

For freestanding signs:

_____ Site plan (1"=30' minimum scale) showing location of sign in relation to buildings, parking, existing signs, and property lines.

_____ Proposed landscaping plan.

For wall signs:

_____ Photograph or drawing of the building depicting the proposed location of the sign.

_____ Location, fixture type, and wattage of any proposed lighting.

Note: All application items must be received by the deadline date in order to be reviewed by the DRB per LMO Appendix D: D-23.

A representative for each agenda item is strongly encouraged to attend the meeting.

Are there recorded private covenants and/or restrictions that are contrary to, conflict with, or prohibit the proposed request? If yes, a copy of the private covenants and/or restrictions must be submitted with this application. ☐ **YES** ☑ **NO**

To the best of my knowledge, the information on this application and all additional documentation is true, factual, and complete. I hereby agree to abide by all conditions of any approvals granted by the Town of Hilton Head Island. I understand that such conditions shall apply to the subject property only and are a right or obligation transferable by sale.

I further understand that in the event of a State of Emergency due to a Disaster, the review and approval times set forth in the Land Management Ordinance may be suspended.

SIGNATURE _____ DATE 10·26·21

Dolphin Head Recreation Area

Conceptual DRB Comment- Responses

DRB Comment 1: Provide a tree protection plan that specifies 3-4" post construction mulch, mycor and pre & post construction fertilization for significant and specimen trees near parking improvements, walks and buildings.
Response: Note has been added to the tree protection plan.

DRB Comment 2: Show 15' "No Construction" zone around specimen tree trunks.
Response: 15' Circles have been shown on the tree protection plan denoting the "No Construction" areas of all specimen trees on the site.

DRB Comment 3: Provide study of picnic structure in relation to adjacent tree branches
Response: Pictures were taken of the tree closest to the picnic pavilion and were submitted to TOHH staff for review. It was determined that the building height and the height of the adjacent tree limbs were not in conflict with one another.

DRB Comment 4: Provide hardscape construction details that reduce impact of tree feeder roots.
Response: Construction details have been included as part of this submittal.

DRB Comment 5: Show overflow parking area.
Response: We have dashed in an approximate layout for the overflow parking. This area is currently used as overflow parking and that parking is done in a very free form nature.

DRB Comment 6: Study site lighting
Response: A site lighting plan has been provided. The intent of the site lighting is to be subdued in nature with a focus on security as the park is not intended to be used at night. A few overhead security lights have been provided at key locations as replacements of the existing security lights. Minimal pathway and stair lights have been provided for pedestrian navigation in low light conditions.

DRB Comment 7: Consider a border or knee wall around artificial turf area.
Response: The artificial turf area is currently located under the canopy of multiple specimen trees. The artificial turf will have an 8" flush concrete header serving as the border for a clean termination to the turf edges. We explored options with the inclusion of a small seat wall to satisfy the board's comments but the wall presented more issues related to the surrounding specimen trees which are outlined below:

- The wall's location around the back of the artificial turf area would encroach into the 15' "No Construction" zone specified in the LMO.
- The wall would require footings in the 18"-24" min. depth range that would encroach into the root system of adjacent specimen trees.
- The event lawn will serve as the primary gathering space for large community and private events such as the HHP Easter Sunrise Services, Sunset Concerts & Weddings. These events have routinely drawn increased spectator/guest attendance and can exceed the current event space which is approx. 2,525 s.f. The event lawn has been sized and positioned in a way to allow for spectators to spill out into the space beyond the turf area and we feel a wall would hamper that ability.
- The board expressed the desire to maintain the site's openness with views out to the sound. We feel the inclusion of a seat wall starts to break down the openness of the site.
- We have proposed landscaping in the area leading towards the artificial turf area that will help buffer the direct views of the artificial turf event lawn.

DRB Comment 9: Upsize all columns.
Response: Columns have been upsized on the picnic pavilion giving it a more substantial appearance.

DRB Comment 10: Study the grill area for tree clearance and all programmatic uses of the grilling areas.
Response: The grills have been repositioned to be well outside of the 15' no construction zone of the adjacent trees.

Dolphin Head Recreation Area

Prepared for: Hilton Head Island Design Review Board
Final Design Review Submittal

Project Narrative

October 26, 2021

Project Background:
The Hilton Head Plantation Property Owner's Association (HHPPOA) is proposing renovation of the existing Dolphin Head Recreation Area (Parcel ID # R510 004 000 0210 0000) consisting of 10.17 acres located at 171 Dolphin Head Lane. The property is currently developed as a Property Owner's recreation area consisting of a recreation building, restroom building, decks, playground, basketball court, roads and parking, walking trails, a Bluff Walk and access to a beach boardwalk. The area was originally developed in the 1970s and is heavily used for private and public events such as a sunrise Easter service held there annually. The facilities have served the community well, but are aged and in need of an update. The POA plans to demolish the buildings, playground and basketball court in order to expand and update the facilities. A new event lawn adjacent to the building is also proposed. Infrastructure related to the building will be adjusted to serve the new building

Zoning & Flood Elevation:
The property is currently zoned as PD-1 (Hilton Head Plantation PUD). The building site lies in FEMA Zone X, BFE – N/A. The new recreation building FFE is proposed at 18'-8", with existing grades in that area ranging from approximately 15' to 16'.

Building & Decks:
The existing buildings consist of a 663 SF recreation building and a 214 SF restroom building connected by open air deck. The existing deck abutting/attaching the building is approximately 3,450 SF in size. Proposed development includes a new recreation building consisting of approximately 1,891 square feet of conditioned area plus approximately 525square feet of covered area (screened porch); all under one roof. New decking is proposed at approximately 4,600 SF. The new building includes a main recreation room, catering kitchen, restrooms, storage, and screened porch with attached deck space.
The building architecture will be single story, understated and harmonious with the island's natural environment in form and color. It will feature the following:

- More energy efficient and easier to maintain
- A multipurpose space with trussed cathedral ceilings
- A main recreation space that opens onto a wrap-around screened porch
- An overall look inspired by traditional Lowcountry cottage vernacular that is more reflective of the Hilton Head Plantation brand
- A service area will be provided on the west side of the building to include a concrete "catering pad" suitable for staging a catering vehicle. This area will also house condensing units for the recreation building.
- Exterior materials consisting of brick, shiplap + board and batten siding with standing seam metal roofing.

Parking:
Existing recreation building parking will be renovated to provide an asphalt drive aisle with adequate backup space and pervious parking spaces denoted by curb stops. A total of 30 pervious and 2 paved ADA spaces will be provided. East of the recreation building an existing pine straw overflow area will remain for use during special events. This area is currently used for overflow parking by the POA and there are no plans to change or improve the way it is used. The drive loop serving the Pine Island boardwalk and beach area will also be renovated. As with the main parking area, that asphalt drive aisle will be renovated and 12 pervious parking spaces will be denoted by curb stops.

Tree Protection:
The existing site is covered by a mature tree canopy including 32 specimen and 26 significant trees. Great efforts have been taken to minimize impacts to specimen and significant trees. Alternative site plans have been explored- including rebuilding the proposed structure in its current location, which would require the removal of a specimen oak. The site plan as proposed provides a balanced approach, avoiding removal of any specimen trees and limiting development impacts to them. The current plan calls for preservation of all 32 specimen trees (100%); preservation of 25 significant trees; with removal of one (1) significant tree- a 34" laurel oak. Detailed tree calculations utilizing the ACI method and demonstrating the plans meet the LMO will be provided at a later date.

Site Improvements:
General site improvements will include walks connecting parking to the building as well as to the existing Bluff Walk, a popular destination for walkers. Adjacent to the Bluff Walk are planned sunrise/ sunset overlooks as well as informal picnic areas and a fire pit.

West of the recreation building a new playground is planned featuring a pair of towers for viewing the Port Royal Sound. Additional playground features include spinning elements, rope climbers, an inclusive climbing dome and swings, all set in a poured-in-place rubber safety surface. Playground equipment and surfacing colors will focus on shades of blue and green. For safety and access control, the play area will be partially enclosed with a low post and rope fence; and permanent seating will be provided. In order to mark the primary entry to the playground, an entry feature will be placed over the entrance walk.

West of the playground, the displaced basketball court will be relocated and constructed as a new multi-purpose court. No enclosure fence is proposed for this element; however a nearby picnic structure is planned between the playground and the court. Walks and trails will connect the playground and multi-purpose court to the drive loop & parking area that serves the Pine Island boardwalk and beach. If funds allow, a dog wash and bicycle parking area are planned at the Pine Island trailhead as well.

East of the recreation building is an artificial turf event lawn. This area will be used for small outdoor events such as weddings and will tie to deck stairs planned on the east end of the recreation building. Framing the water side of the event lawn will be a timber arbor that aesthetically ties to the recreation building in design style and materials.

Other Critical Project Information:
The POA has received a new plat for the property. As approved, the new property line is the mean high water mark. This information was submitted separately for Town review. The new property line has been recorded by the County.

Electrical service will continue to be provided by Palmetto electric. Cable television services will be provided by Hargray or Time Warner Cable. Water and sewer services will continue to be provided by HH PSD and main service lines are located along Dolphin Head Drive within the right-of-way.

The POA will be responsible for maintaining the development in accordance with all Town of Hilton Head requirements and guidelines. All proposed improvements will be owned and maintained accordingly.

Applicant:
Kyle Theodore, PLA
Wood + Partners Inc.
ktheodore@woodandpartners.com
843-681-6618 ext. 236

WATERFRONT COLOR ELEVATION

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

1
A.4.1

RIGHT SIDE COLOR ELEVATION

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

2
A.4.1

STANDING SEAM METAL ROOFING
MCELROY METALS PATRICIAN BRONZE

ALUM CLAD WINDOWS & DOORS
SIERRA PACIFIC GREEK OLIVE

BOARD & BATTEN SIDING
SW2851 SAGE LIGHT GREEN

PVC SHINGLES
NUCEDAR MILLS OLIVE TAN

FOUNDATION
CEMENT TABBY STUCCO

parkerdesigngroup architects
843 785 5171 POST OFFICE BOX 5010 HILTON HEAD ISLAND, SC 29938

A NEW COMMUNITY BUILDING FOR:

DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION

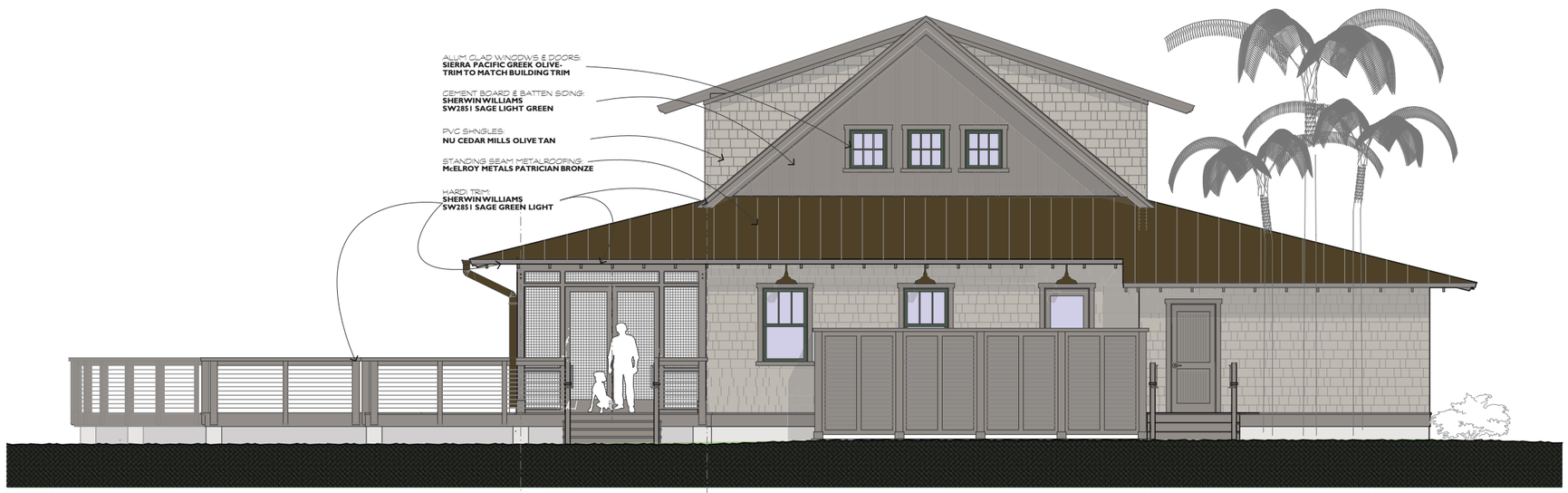
REVISIONS	DATE

DRAWN BY: TP
CHECKED BY:
DATE OF ISSUE: 10/13/2021
SCALE:
JOB NO. 2001
SHEET **A.4.1**
OF SHEETS

ENTRY COLOR ELEVATION

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

1
A.4.2



LEFT SIDE COLOR ELEVATION

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

2
A.4.2

STANDING SEAM METAL ROOFING
MCELROY METALS PATRICIAN BRONZE

ALUM CLAD WINDOWS & DOORS
SIERRA PACIFIC GREEK OLIVE

BOARD & BATTEN SIDING
SW2851 SAGE LIGHT GREEN

PVC SHINGLES
NUCEDAR MILLS OLIVE TAN

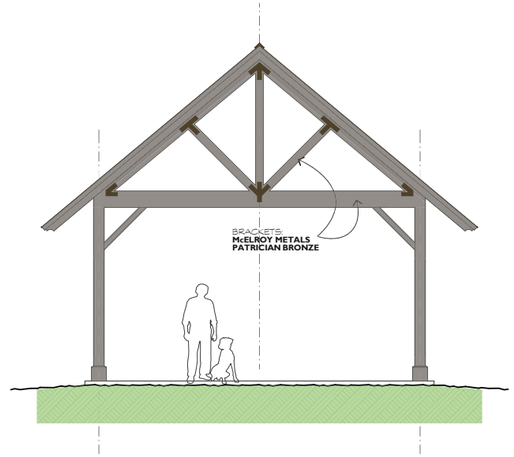
FOUNDATION
CEMENT TABBY STUCCO

parkerdesigngrouparchitects
843 785 5171 POST OFFICE BOX 5010 HILTON HEAD ISLAND SC 29938
pdg ARCHITECTS

A NEW COMMUNITY BUILDING FOR:
DOLPHIN HEAD RECREATION AREA
HILTON HEAD PLANTATION

REVISIONS	DATE

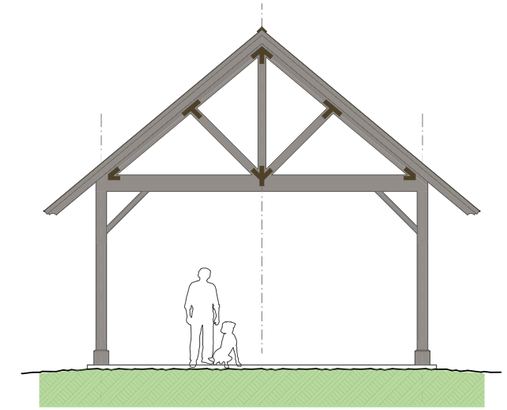
DRAWN BY: TP
CHECKED BY:
DATE OF ISSUE: 10/13/2021
SCALE:
JOB NO. 2001
SHEET **A.4.2**
OF SHEETS



PARKING LOT COLOR ELEV.

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

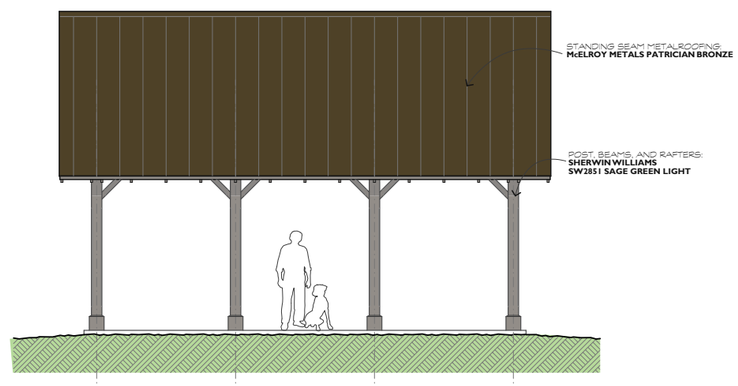
2
A.4.1.a



ENTRY COLOR ELEV.

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

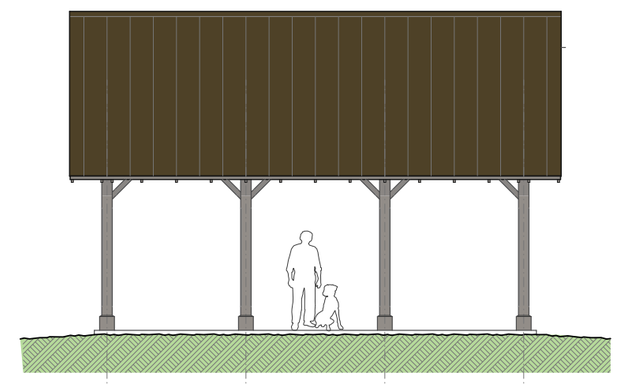
1
A.4.1.a



PLAYGROUND COLOR ELEV.

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

3
A.4.1.a



SPORTS COURT COLOR ELEV.

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

4
A.4.1.a

STANDING SEAM METAL ROOFING
MCELROY METALS PATRICIAN BRONZE

BOARD & BATTEN SIDING
SW2851 SAGE LIGHT GREEN

parkerdesigngroup architects
843 785.5171 POST OFFICE BOX 5010 HILTON HEAD ISLAND, SC 29938

A NEW COMMUNITY BUILDING FOR:

DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION

REVISIONS	DATE

DRAWN BY: TP
CHECKED BY:
DATE OF ISSUE: 10/13/2021
SCALE:
JOB NO. 2001
SHEET

A.4.1.a

OF SHEETS

Design Development & Materials Board

Dolphin Head Recreation Area

Presented to:
Hilton Head Plantation

Submitted October, 2021

WPI
Wood + Partners Inc.
Hilton Head Island

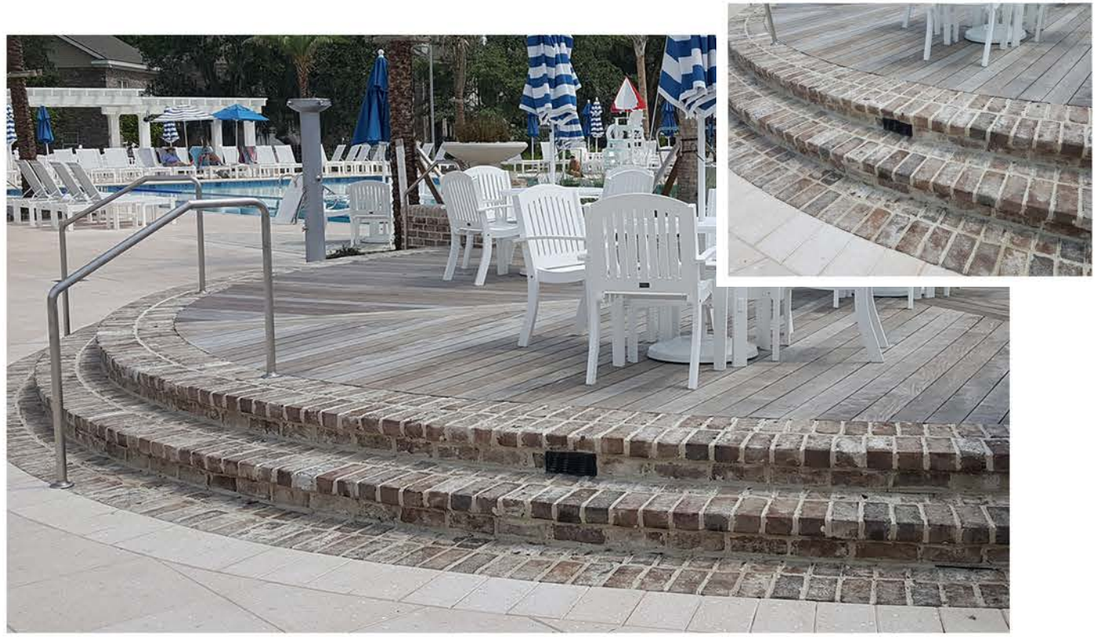
Artificial Turf

Pile and Rope Barrier

Artificial Turf

Aggregate Parking Stalls : Plantation Mix

Character Imagery |



Savannah Gray Brick Stairs at Wood Deck

Savannah Gray Brick Paving

Oyster Shell Concrete Walkway

Permeable Oyster Shell Mix (50% #2 / 50% #1)

Paving Materials |

Cable & Bar Railing at Deck Example

Deck with Cable & Bar Rail Example

Decking Pattern / Layout

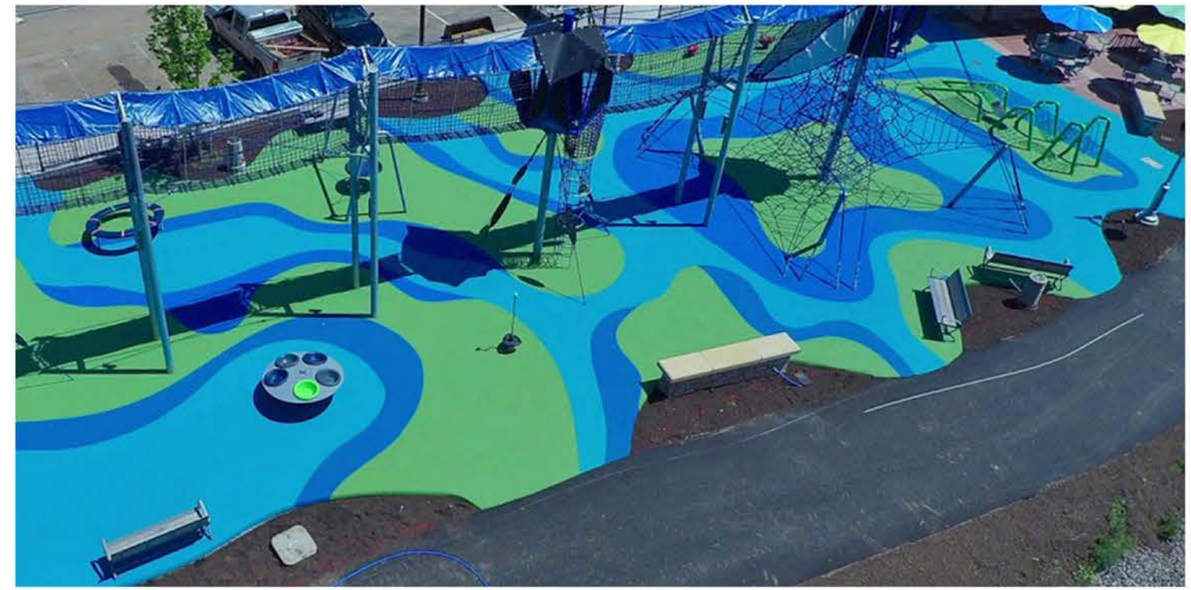
PAINT / STAIN
COLOR TBD

Decking Material

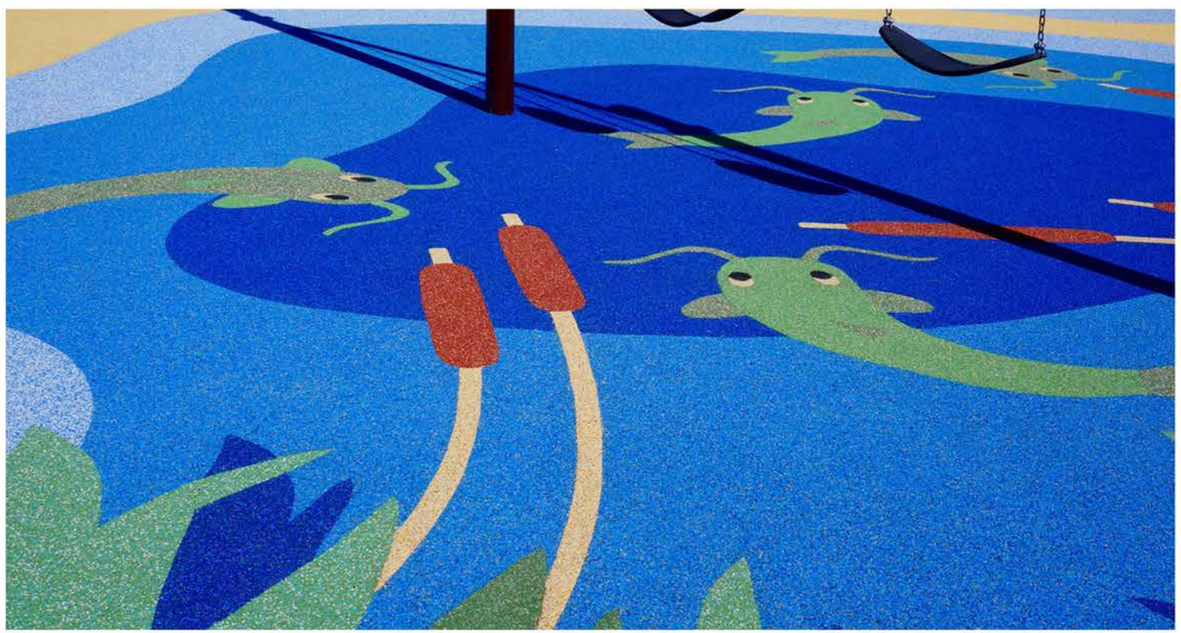
Character Imagery & Material Selections |

Wood+Partners Inc.

Playground Surfacing (Use of Multiple Colors)



Playground Surface (Organic Layout Example)

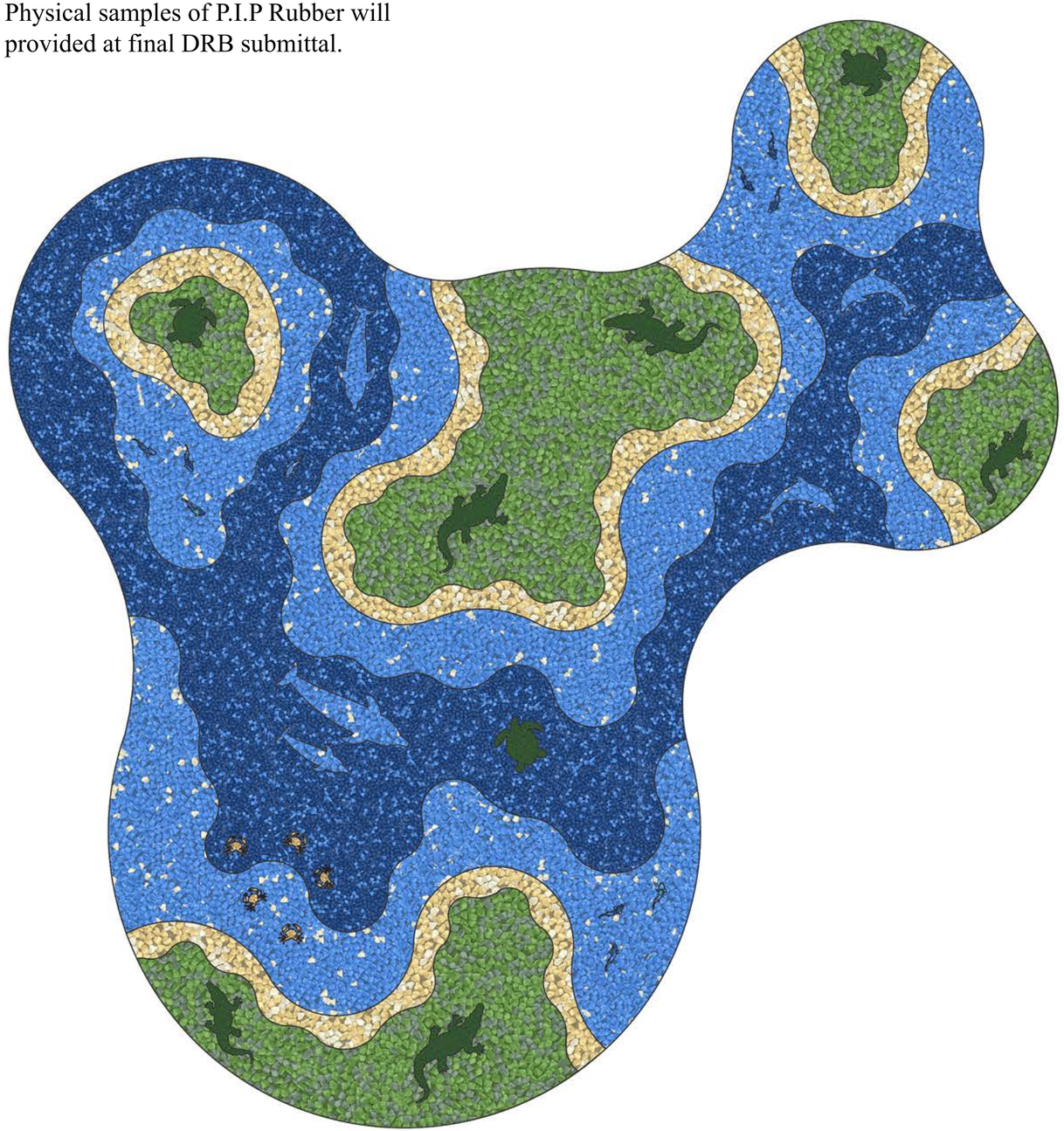


Playground Surfacing (Animal Inlay Examples)

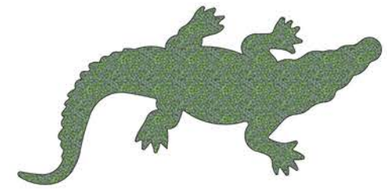
Playground Surfacing (Animal Inlay Example)

Character Imagery |

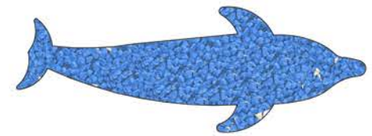
Physical samples of P.I.P Rubber will provided at final DRB submittal.



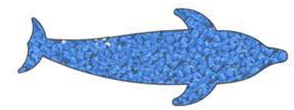
Playground Surfacing Layout (Poured in Place Rubber)



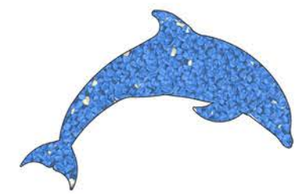
Alligator
Color 5: Animals
60% Hunter Green
40% Bright Green



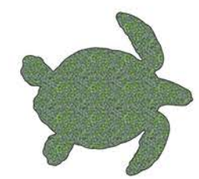
Large Dolphin
Color 3: Light Water
50% Sky Blue
25% Teal
25% Pearl



Small Dolphin
Color 3: Light Water
50% Sky Blue
25% Teal
25% Pearl



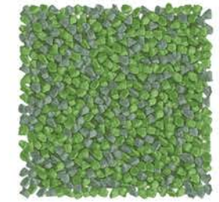
Curved Dolphin
Color 3: Light Water
50% Sky Blue
25% Teal
25% Pearl



Sea Turtle
Color 5: Animals
60% Hunter Green
40% Bright Green

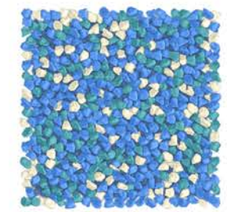
Red Fish
Color 4: Dark Water
50% Royal Blue
25% Sky Blue
25% Teal

Blue Crab
Color 6: Beige
60% Beige
40% Eggshell

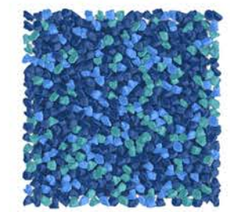


Color 1: Land
60% Bright Green / 40% Hunter Green
This color represents the land where our natural fuana can be found, like the alligator and turtle featured in the design.

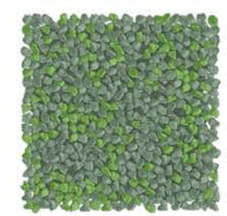
Color 2: Sand
70% Eggshell / 30% Pearl
This color represents the sand, which provides contrast between the land and water.



Color 3: Light Water
50% Sky Blue / 25% Teal / 25% Pearl
This color represents the shallow waters that lie right off the shore. This area is home to smaller fish and crabs.



Color 4: Dark Water
50% Royal Blue / 25% Sky Blue / 25% Teal
This color represents the deep water where larger animals, like the dolphin, live.



Color 5: Animals
70% Hunter Green / 30% Bright Green
This color is used to provide visual contrast between the land and water with the animals.

Color 6: Beige
60% Beige / 40% Eggshell
This color is used to represent the crabs.

Playground Surfacing Color Selections

TRAFFIC SIGN MATERIAL SELECTIONS:

- **WOOD POST:**
  SPECIES: MARINE GRADE P.T. S.Y.P.
  PAINT COLOR: BEHR N210-7 HAVANA COFFEE
  APPLICATION: 2 COATS

- **COMPOSITE MATERIAL:**
  MNFR: JELD-WEN
  MODEL: EXTIRA
  COLOR: BEHR N210-7 HAVANA COFFEE
  THICKNESS: 1"
  NOTE: ROUTE PANEL TO RECEIVE METAL TRAFFIC SIGN. MAINTAIN 1" ORDER AT EXTERIOR. COMPOSITE MATERIAL USED AS BACKER (ROUTED) TO RECEIVE SIGNS.

TRAFFIC CONTROL SIGN MATERIAL SELECTIONS:

- **STOP SIGN:**
  MODEL: R1-1-24EG (24" x 24")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.

- **ONE WAY SIGN:**
  MODEL: R6-2-1218EG (12" x 18")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.

- **ONE WAY DO NOT ENTER SIGN:**
  MODEL: R5-1m (12" x 18")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.

- **DO NOT ENTER SIGN:**
  MODEL:R5-1-24EG (24" X 24")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.

- **TWO-WAY TRAFFIC SIGN:**
  MODEL: W6-3-18EG (30" x 30")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.

- **PEDESTRIAN CROSSING SIGN:**
  MODEL: W11-15-18EG (30" x 30")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.

- **WRONG WAY SIGN:**
  MODEL: R5-1a-3018EG (30" x 18")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.

- **A.D.A PARKING SIGN:**
  MODEL: R7-128van-1218EG (12" X 18")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.

Sign Materials

LAYOUT 1
SEE TRAFFIC CONTROL SIGN MATERIALS SELECTIONS FOR MORE INFO.

LAYOUT 2
SEE TRAFFIC CONTROL SIGN MATERIALS SELECTIONS FOR MORE INFO.

LAYOUT 3A
SEE TRAFFIC CONTROL SIGN MATERIALS SELECTIONS FOR MORE INFO.

LAYOUT 3B
SEE TRAFFIC CONTROL SIGN MATERIALS SELECTIONS FOR MORE INFO.

LAYOUT 4
SEE TRAFFIC CONTROL SIGN MATERIALS SELECTIONS FOR MORE INFO.

LAYOUT 5
SEE TRAFFIC CONTROL SIGN MATERIALS SELECTIONS FOR MORE INFO.

LAYOUT 6
SEE TRAFFIC CONTROL SIGN MATERIALS SELECTIONS FOR MORE INFO.

LAYOUT 7
SEE TRAFFIC CONTROL SIGN MATERIALS SELECTIONS FOR MORE INFO.

*SIGN ELEVATIONS ARE INTENDED TO RELAY COLOR SELECTIONS ONLY. SIGNS ARE N.T.S. FINAL DETAILS PROVIDED IN CONSTRUCTION DOCUMENTS.

Traffic Control Sign Elevations

MNFR: MDF
MODEL: 10140 SMSS
COLOR: CHROME

Drinking Fountain

MNFR: MDF
MODEL: 24 SMSS
COLOR: CHROME

Hose Bibb

MNFR: TOURNESOL
MODEL: B3 EMBED
MODEL #: B-0320-40-4206
FINISH: POWDER COAT
COLOR: BLACK

Vehicular Bollard

MNFR: MDF
MODEL: 505 SMSS
COLOR: CHROME

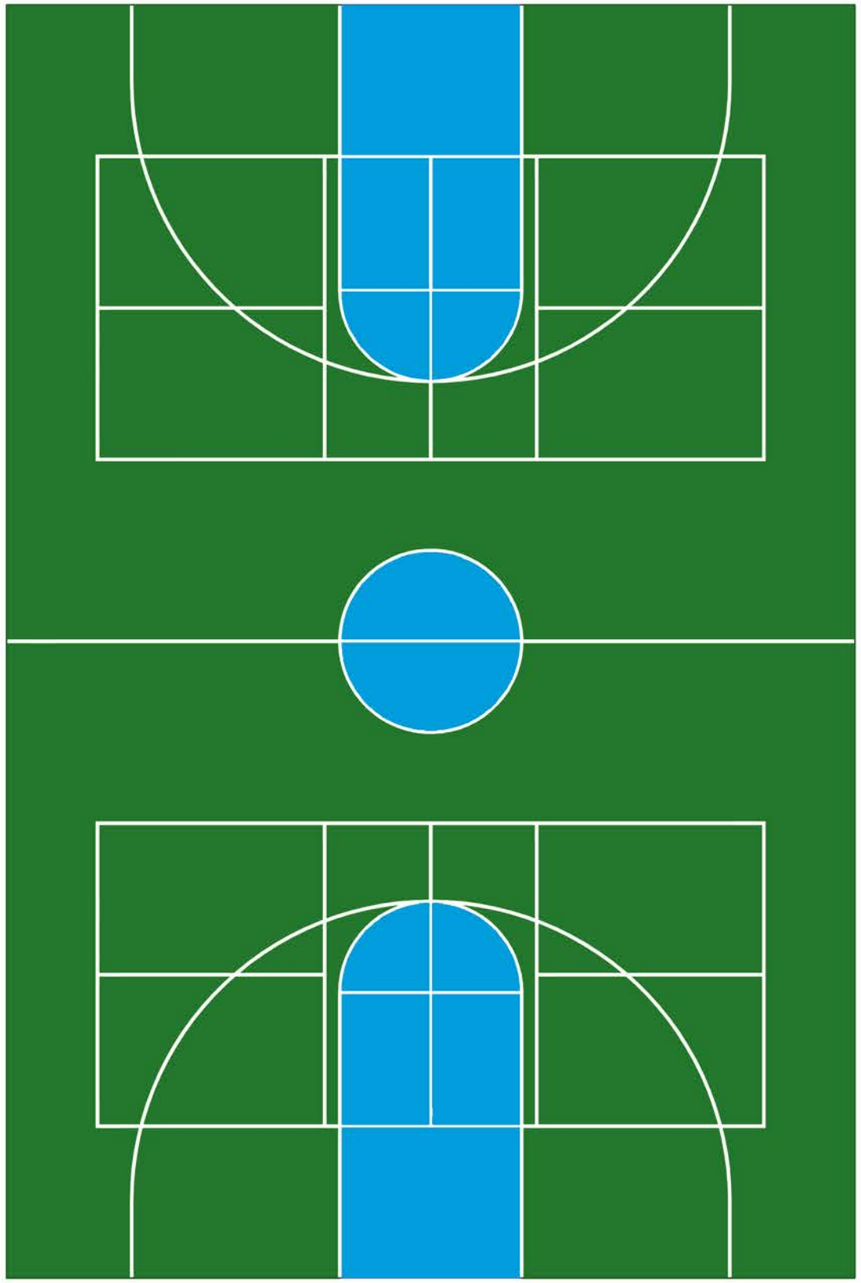
Footwash

MNFR: MADRAX
MODEL: GENESIS
CAPACITY: 8
FINISH: POWDER COAT
COLOR: BLACK

Bike Rack

Site Elements |

Wood+Partners Inc.



SPORTS COURT COLOR 1:
MNFR: NOVA SPORTS
MODEL: NOVAPLAY FOR PICKELBALL
COLOR: GRASS GREEN

SPORTS COURT COLOR 2:
MNFR: NOVA SPORTS
MODEL: NOVAPLAY FOR PICKELBALL
COLOR: BLUE

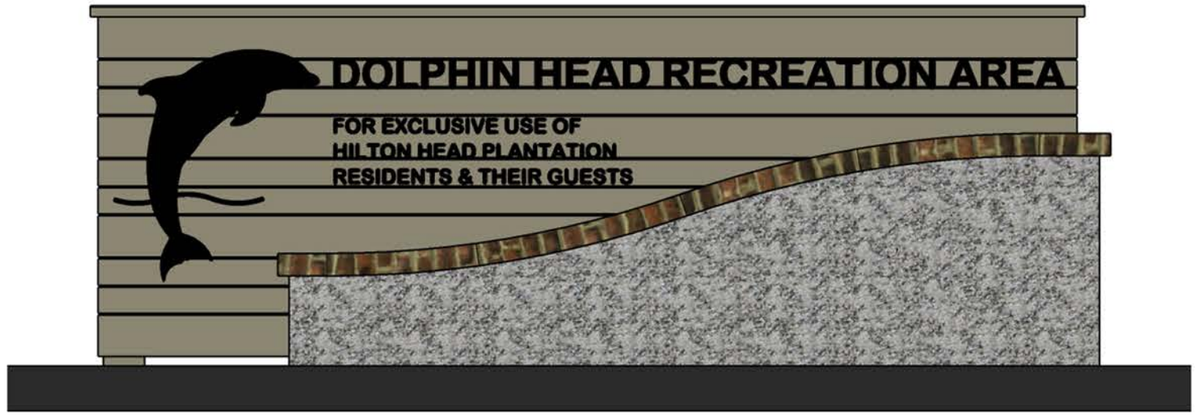
SPORTS COURT STRIPING:
MNFR: NOVA SPORTS
MODEL: NOVATEX
COLOR: WHITE

BASKETBALL GOAL:
MNFR: BISON
MODEL: BA873U W/ POLE AND BACKBOARD PADDING
COLOR: BLACK

Sports Court Materials Selection

Multi-Sport Court

Multi-Sport Court Concept Images (Example Colors Only)



Entry Sign Right Elevation (N.T.S)

Entry Sign Left Elevation (N.T.S.)

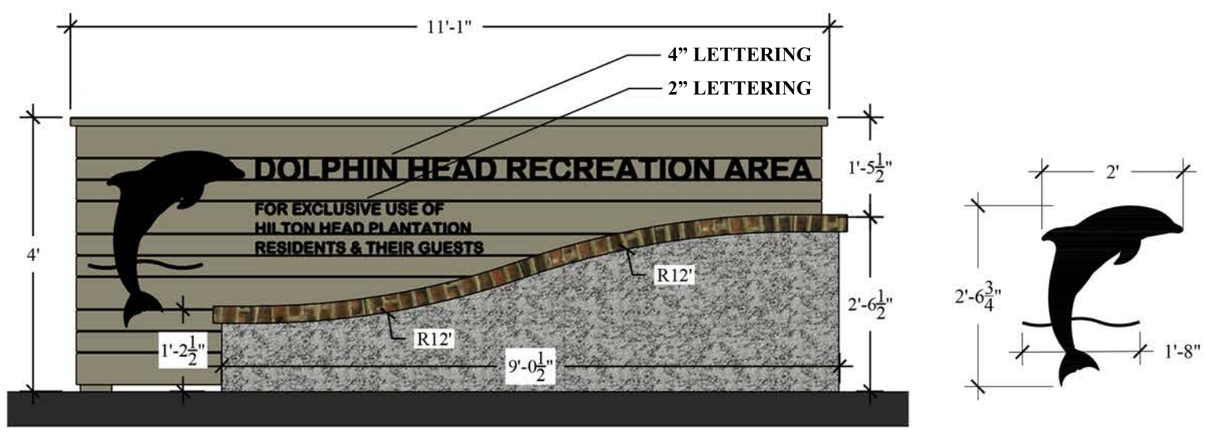
Savannah Gray Brick
Used on wall cap.

Black Brushed Aluminum
Used for sign lettering.

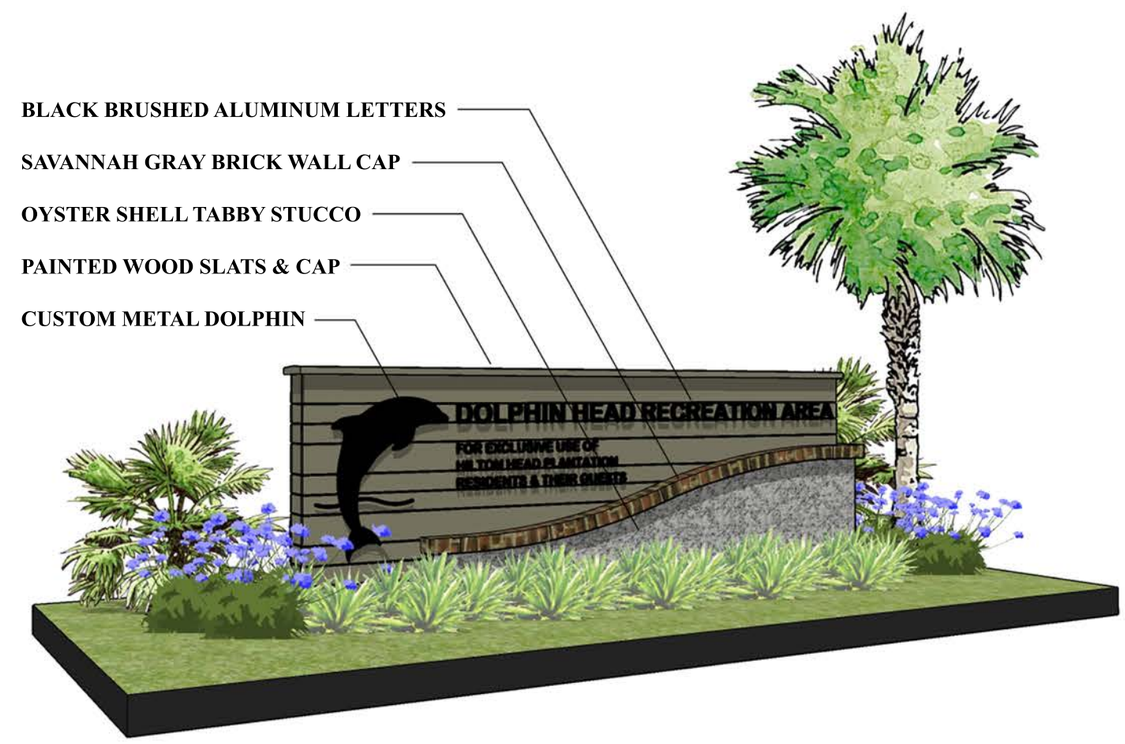
Oyster Shell Tabby Stucco
Used on wall base.

Sage Green Paint
Used for entry sign color.

Entry Sign Materials

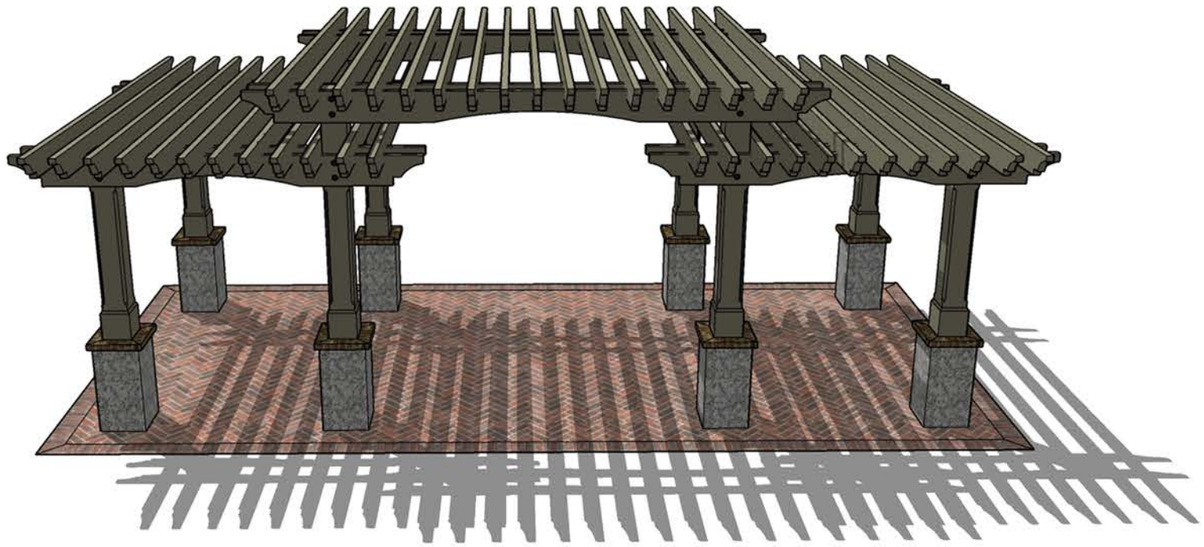


Entry Sign Dimensions (N.T.S.)

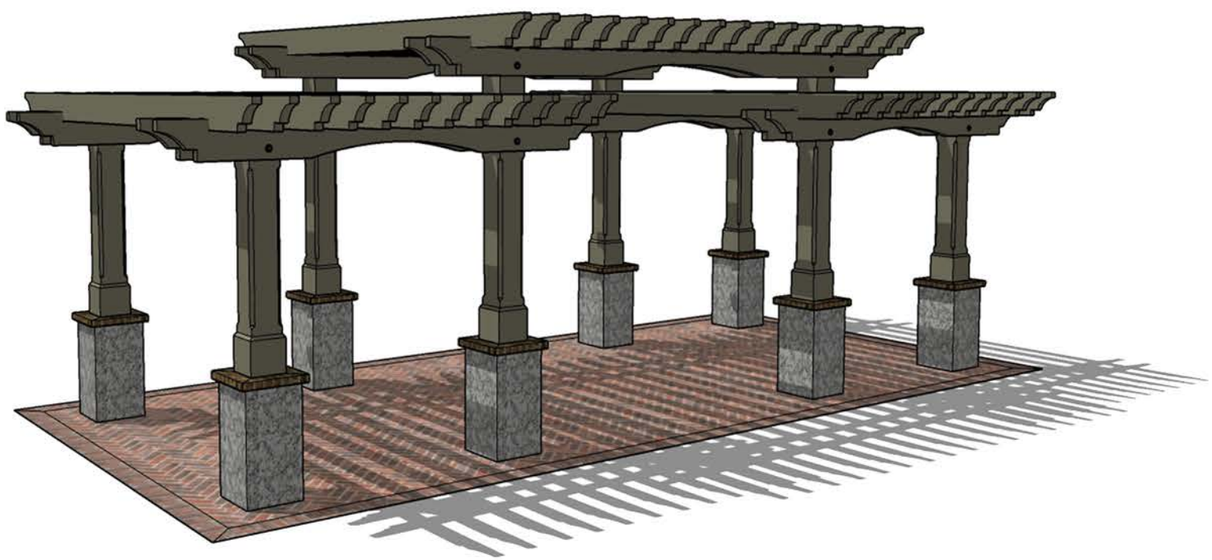


Entry Sign Elevation with Plantings

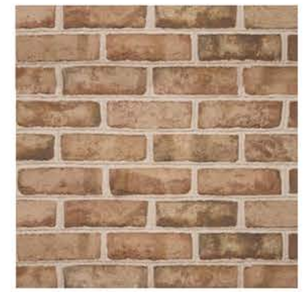
Entry I.D. Signage |



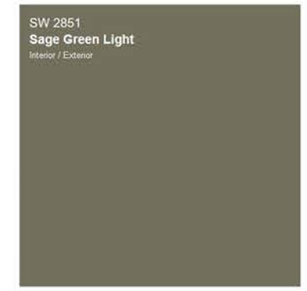
Trellis Overview



Trellis Perspective View



Savannah Gray Brick
Used on column caps.



Sage Green Paint
Used for trellis color.

Oyster Shell Tabby Stucco
Used on trellis base.

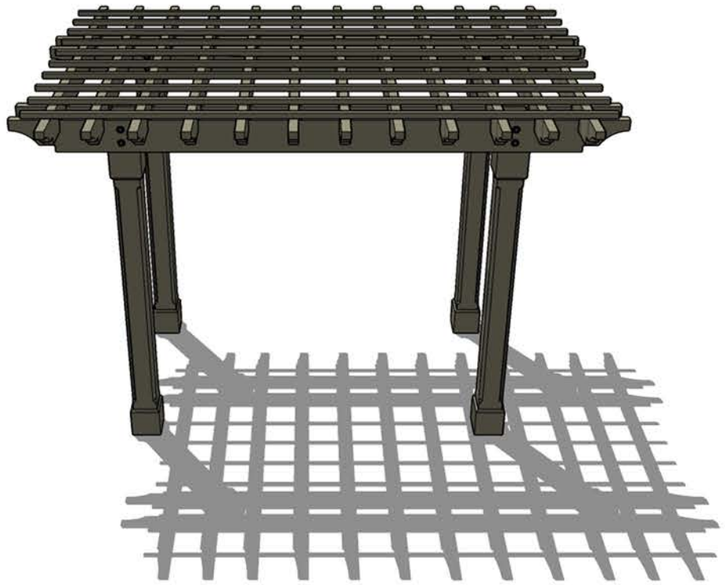
Trellis Materials

The placement and open design of the trellis is done in such a way as to not block the expansive water view, but rather draw those walking by to it. The uses of the trellis are plentiful, as it can be used for anything from mindful contemplation to the backdrop of a ceremony. The trellis will become a destination in which people can enjoy the area's natural beauty.

Trellis Placement Example

Event Lawn Trellis |

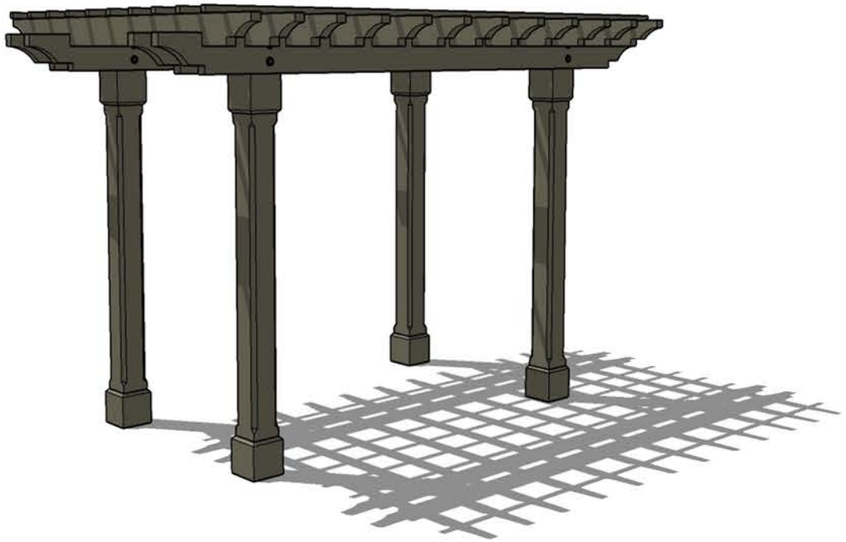
Wood+Partners Inc.



Playground Entry Trellis Overview

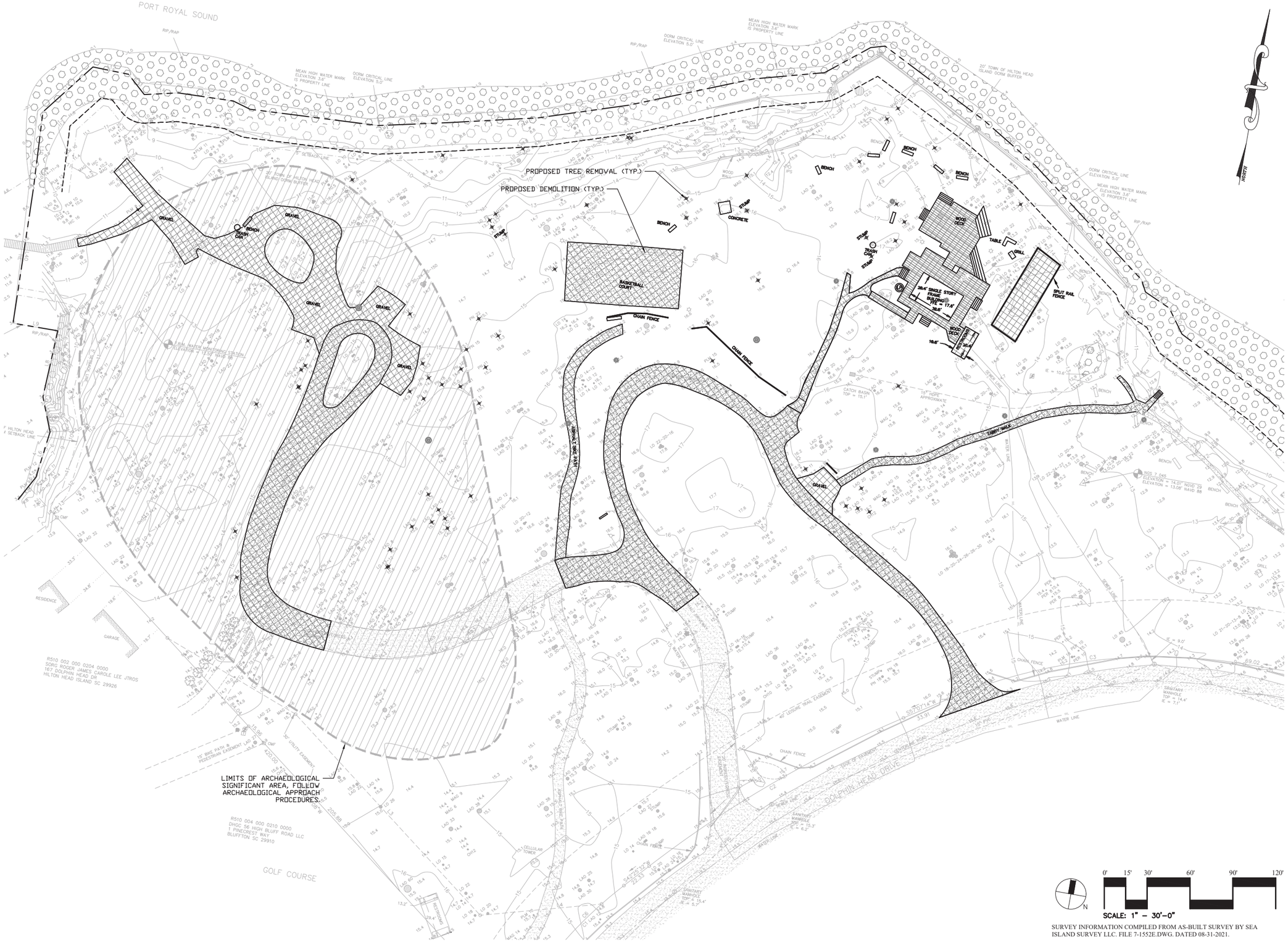
Sage Green Paint
Used for trellis color.

Playground Entry Trellis Materials



Playground Entry Trellis Perspective View

Firepit Design Inspiration



SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND SURVEY LLC. FILE 7-1552E.DWG. DATED 08-31-2021.

CONNOR CONSULTING SERVICES, LLC
ENGINEERING • DESIGN • PROJECT MANAGEMENT
PO BOX 3671
BLUFFTON, SC 29910
843-368-5051
samconnor@mpgrp.com

Client Info:

Hilton Head Plantation POA
7 Surrey Lane
Hilton Head Island, SC 29926

PERMIT DOCUMENTS: NOT FOR CONSTRUCTION

DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

PROFESSIONAL SEAL:

NORTH CAROLINA PROFESSIONAL ENGINEER No. 30716 10/04/21 SAMUEL P. CONNOR

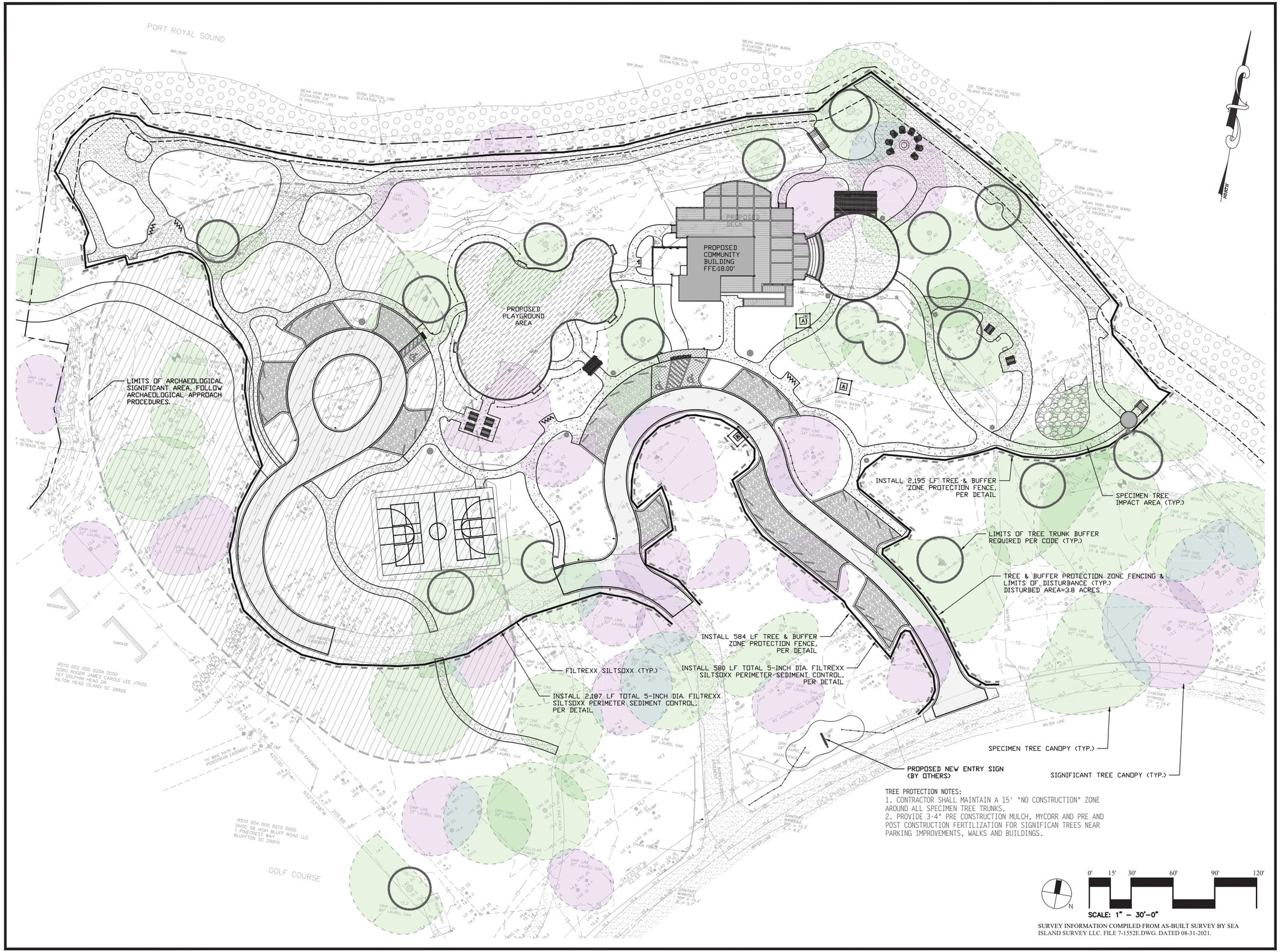
DRAWN BY:
SC

CHECKED BY:
SC

#	REVISION	DATE	BY

DATE
10-04-2021
PROJECT NUMBER
2102105
SHEET TITLE
Demolition & Tree Removal Plan

SHEET NUMBER
C-102



TREE PROTECTION NOTES:
1. CONTRACTOR SHALL MAINTAIN A 15' "NO CONSTRUCTION" ZONE AROUND ALL SPECIMEN TREE TRUNKS.
2. PROVIDE 3-4" PRE CONSTRUCTION MULCH, MYCORR AND PRE AND POST CONSTRUCTION FERTILIZATION FOR SIGNIFICAN TREES NEAR PARKING IMPROVEMENTS, WALKS AND BUILDINGS.

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND SURVEY LLC. FILE 7-1552E.DWG. DATED 08-31-2021.

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Hilton Head Island, SC 29926

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DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

PROFESSIONAL SEAL:

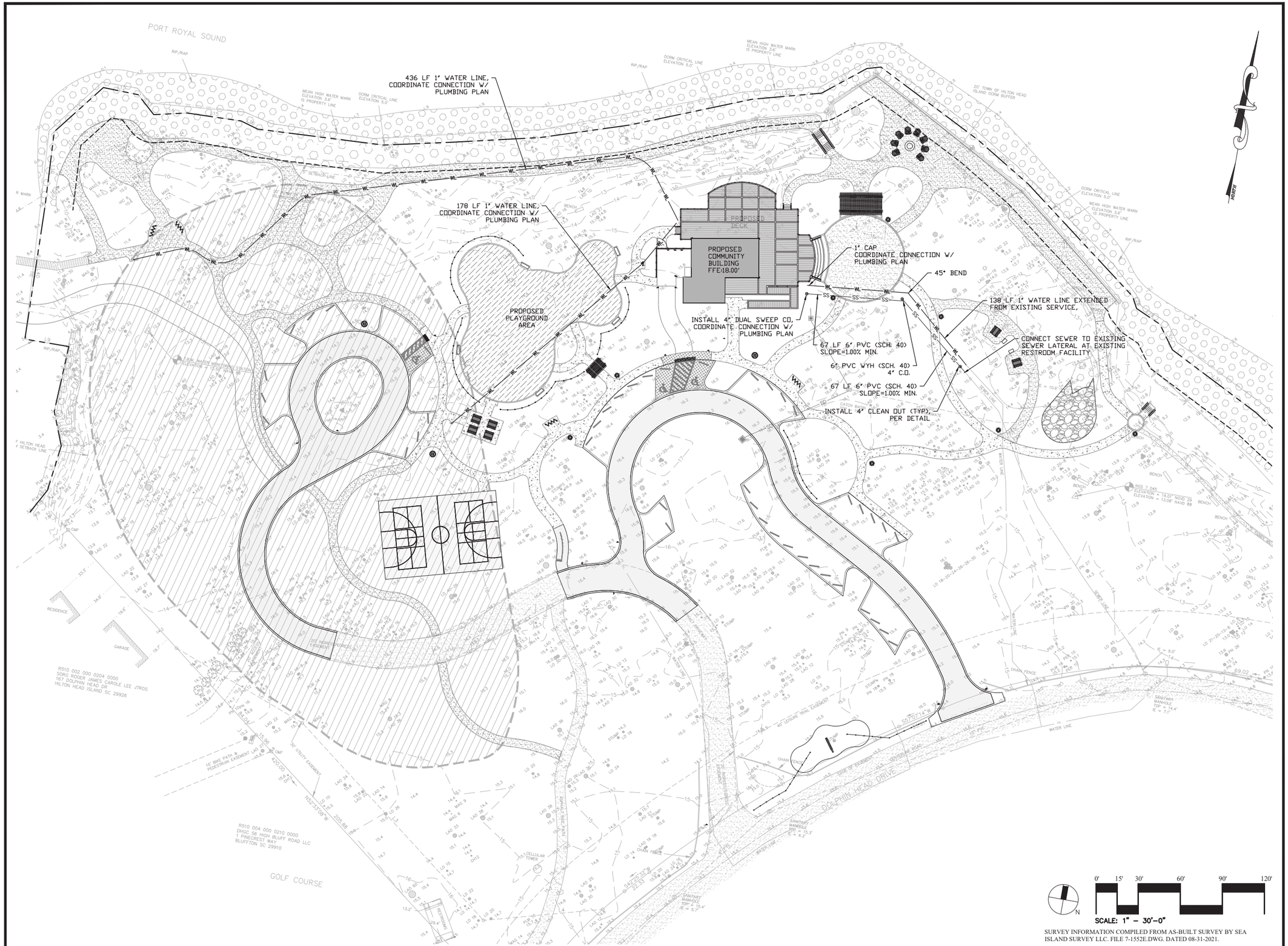
SOUTH CAROLINA PROFESSIONAL ENGINEER No. 30716 10/04/21 SAMUEL P. CONNOR

DRAWN BY: SC
CHECKED BY: SC

#	REVISION	DATE	BY

DATE
10-04-2021
PROJECT NUMBER
2102105
SHEET TITLE
Erosion Control & Tree Protection Plan

SHEET NUMBER
C-103



SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND SURVEY LLC. FILE 7-1552E.DWG. DATED 08-31-2021.

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Hilton Head Island, SC 29926

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DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

PROFESSIONAL SEAL:

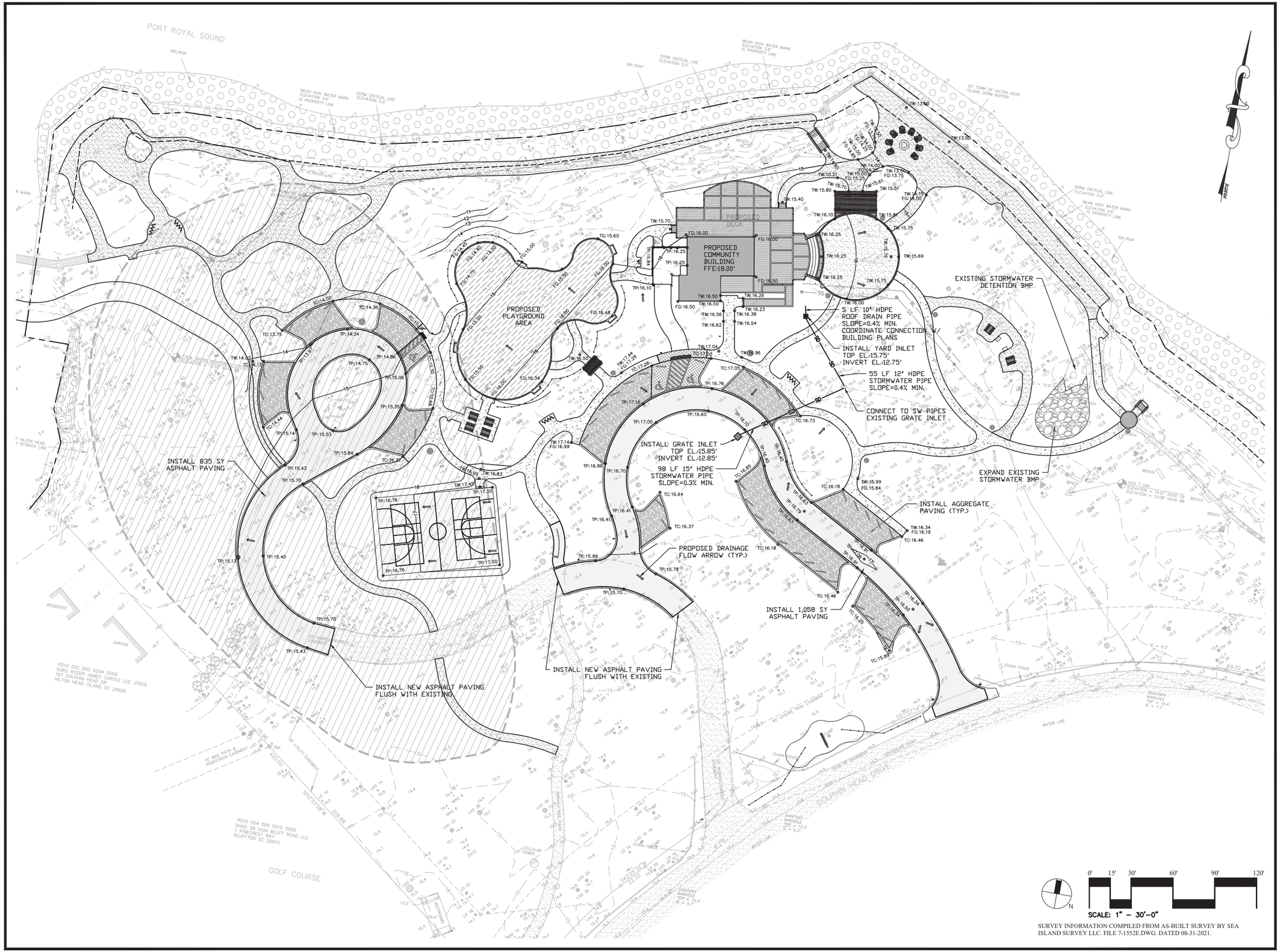
SOUTH CAROLINA PROFESSIONAL ENGINEER No. 30716 10/04/21 SAMUEL P. CONNOR

DRAWN BY: SC
CHECKED BY: SC

#	REVISION	DATE	BY

DATE
10-04-2021
PROJECT NUMBER
2102105
SHEET TITLE
Paving, Grading & Drainage Plan

SHEET NUMBER
C-104



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samconnor@murphy.com

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DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

PROFESSIONAL SEAL:

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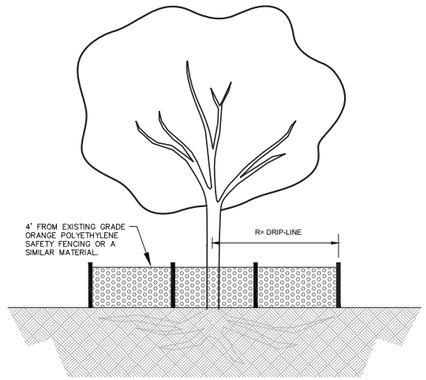
DRAWN BY: SC
CHECKED BY: SC

#	REVISION	DATE	BY

DATE
10-04-2021
PROJECT NUMBER
2102105
SHEET TITLE
Paving, Grading & Drainage Plan

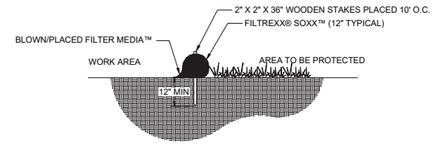
SHEET NUMBER
C-105



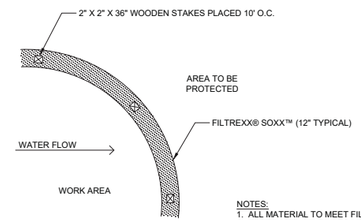
TREE & BUFFER PROTECTION DETAIL

NOTE:
DEVELOPMENT WITHIN THE BUFFER SHALL COMPLY WITH THE REQUIREMENTS IN SECTION 16-5-103.J OF THE TOWN OF HILTON HEAD LMO.

TREE & BUFFER PROTECTION ZONE SIGN DETAIL



SECTION NTS

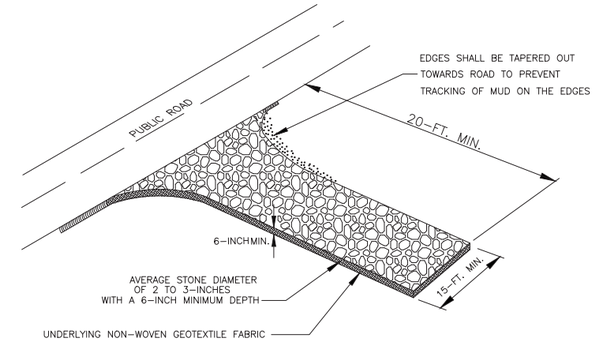


PLAN NTS

NOTES:
1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
2. FILTER MEDIA™ FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

FILTREXX® SEDIMENT CONTROL

NTS

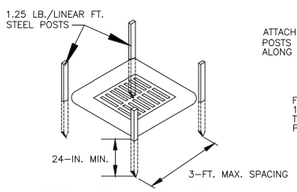


CONSTRUCTION ENTRANCE

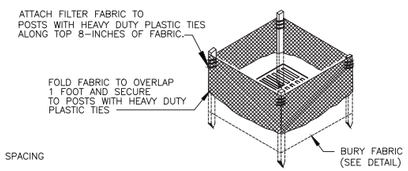
N.T.S

GENERAL NOTES: CONSTRUCTION ENTRANCE

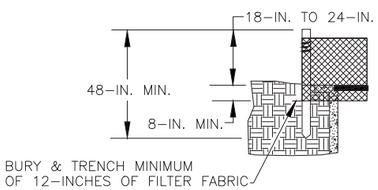
1. Stabilized construction entrances should be used at all points where traffic will egress/ingress a construction site onto a public road or any impervious surfaces, such as parking lots.
2. Install a non-woven geotextile fabric prior to placing any stone.
3. Install a culvert pipe across the entrance when needed to provide positive drainage.
4. The entrance shall consist of 2-inch to 3-inch D50 stone placed at a minimum depth of 6-inches.
5. Minimum dimensions of the entrance shall be 15-feet wide by 20-feet long, and may be modified as necessary to accommodate site constraints.
6. The edges of the entrance shall be tapered out towards the road to prevent tracking at the edge of the entrance.
7. Divert all surface runoff and drainage from the stone pad to a sediment trap or basin or other sediment trapping structure.
8. Limestone may not be used for the stone pad.



POST INSTALLATION DETAIL



FILTER FABRIC INSTALLATION DETAIL



FILTER FABRIC BURIAL DETAIL

PLAN SYMBOL

South Carolina Department of Health and Environmental Control
Type A
FILTER FABIC INLET PROTECTION
STANDARD DRAWING NO. SC-07 PAGE 1 of 2
NOT TO SCALE FEBRUARY 2014 DATE

TYPE A - FILTER FABRIC REQUIREMENTS

1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
   - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are 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 any defects or flaws that significantly affect its physical and/or filtering properties; and,
   - Have a minimum width of 36-inches.
2. Use only fabric appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.
3. 12-inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled.
4. Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.
5. Filter Fabric shall be installed at a minimum of 24-inches above the ground.

TYPE A - POST REQUIREMENTS

1. Silt Fence posts must be 48-inch long steel posts that meet, at a minimum, the following physical characteristics.
   - Composed of a high strength steel with a minimum yield strength of 50,000 psi.
   - Include a standard "T" section with a nominal face width of 1.38-inches and a nominal "T" length of 1.48-inches.
   - Weigh 1.25 pounds per foot (± 8%)
2. Posts shall be equipped with projections to aid in fastening of filter fabric.
3. Install posts to a minimum of 24-inches. A minimum height of 1- to 2- inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
4. Post spacing shall be at a maximum of 3-feet on center.

TYPE A - INSPECTION & MAINTENANCE

1. The key to functional inlet protection is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of inlet protection shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.
3. Attention to sediment accumulations along the filter fabric is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the filter fabric. When a sump is installed in front of the fabric, sediment should be removed when it fills approximately 1/3 the depth of the sump.
5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Check for areas where stormwater runoff has eroded a channel beneath the filter fabric, or where the fabric has sagged or collapsed due to runoff overtopping the inlet protection.
7. Check for tears within the filter fabric, areas where fabric has begun to decompose, and for any other circumstance that may render the inlet protection ineffective. Removed damaged fabric and reinstall new filter fabric immediately.
8. Inlet protection structures should be removed after all the disturbed areas are permanently stabilized. Remove all construction material and sediment, and dispose of them properly. Grade the disturbed area to the elevation of the drop inlet structure crest. Stabilize all bare areas immediately.

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Type A
FILTER FABIC INLET PROTECTION
STANDARD DRAWING NO. SC-07 PAGE 2 of 2
GENERAL NOTES FEBRUARY 2014 DATE

INSTALLATION SPECIFICATION

PERIMETER CONTROL - Compost Filter Sock

INSTALLATION

1. Perimeter control (Filtrexx SiltSoxx™/Soxx) will be placed at locations indicated on plans and in a manner as directed by the engineer or manufacturer.
2. Perimeter control should be installed parallel to the base of the slope or other disturbed area. In challenging conditions (i.e., 2:1 slopes), a second perimeter control shall be constructed at the top of the slope, or staking may be increased.
3. Effective Soxx height in the field should be as follows: 5" diameter Soxx = 4" high; 8" diameter Soxx = 6.5" high; 12" diameter Soxx = 9.5" high; 18" diameter Soxx = 14.5" high; 24" diameter Soxx = 19" high.
4. Stakes should be installed through the middle of the perimeter control on 10 ft (3m) centers, using nominal 2 in (50mm) by 2 in (50mm) by 3 ft (1m) wooden stakes. 5" diameter Soxx may use 1" (25 mm) x 1" (25 mm) x 18" (0.5 m) wooden stakes. In the event staking is not possible, i.e., when perimeter control is used on highly compacted soils or impervious surfaces, sand bags (or equivalent) may be used to stabilize Soxx, as long as effective height is not compromised. On impervious surfaces, concrete blocks (or equivalent) may be used behind the perimeter control to help stabilize during rainfall/runoff events.
5. Alternatively, stakes may be installed directly behind the Soxx at a 90-degree angle to level ground (regardless of slope angle), where stakes are in direct contact with the downslope side of Soxx. If high runoff or sediment accumulation is expected, staking through the Soxx may be required.
6. Staking depth for sand and silt loam soils shall be 12 in (300mm), and 8 in (200mm) for clay soils.
7. Straighten or position the Soxx as needed on the ground, ensuring there is good ground contact and no void spaces under the Soxx.
8. Do not drag Soxx across rough surfaces. If dragging across a rough surface is necessary, place a barrier such as plastic or a tarp under Soxx to prevent tearing.
9. Loose compost may be backfilled along the upslope side of the perimeter control, filling the seam between the soil surface and the device, improving filtration and sediment retention.
10. If the perimeter control is to be left as a permanent filter or part of the natural landscape, it may be seeded at time of installation for establishment of permanent vegetation. The Engineer will specify seed requirements.

MAINTENANCE & DISPOSAL

1. The contractor shall remove sediment at the base of the upslope side of the perimeter when accumulation has reached 1/2 of the effective height of the sock, or as directed by the Engineer. Alternatively, a new perimeter control sock can be placed on top of and slightly behind the original one creating more sediment storage capacity without soil disturbance.
2. Perimeter control shall be maintained until disturbed area above the device has been permanently stabilized and construction activity has ceased.
3. The FilterMedia will be dispersed on site once disturbed area has been permanently stabilized, construction activity has ceased, or as determined by the Engineer.

CONNOR CONSULTING SERVICES, LLC
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samconnor@murphy.com

Client Info:
Hilton Head Plantation POA
7 Surrey Lane
Hilton Head Island, SC 29926

PERMIT DOCUMENTS: NOT FOR CONSTRUCTION

DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

PROFESSIONAL SEAL:

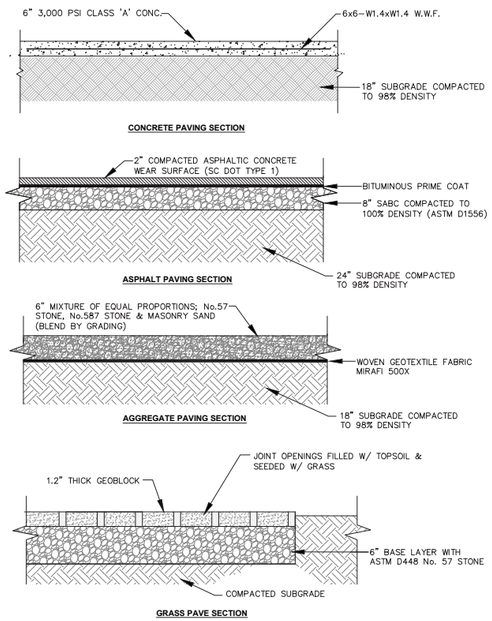
DRAWN BY:
SC

CHECKED BY:
SC

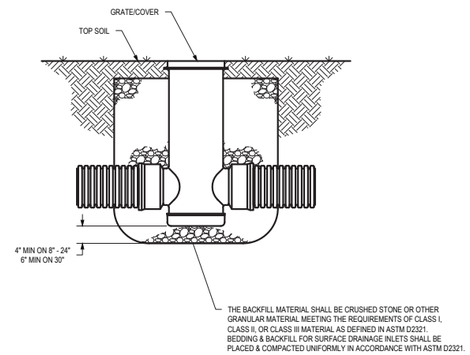
#	REVISION	DATE	BY

DATE
10-04-2021
PROJECT NUMBER
2102105
SHEET TITLE
Construction Details

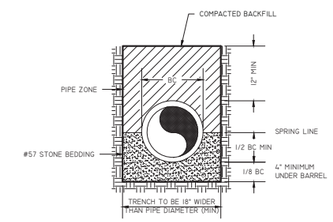
SHEET NUMBER
C-201



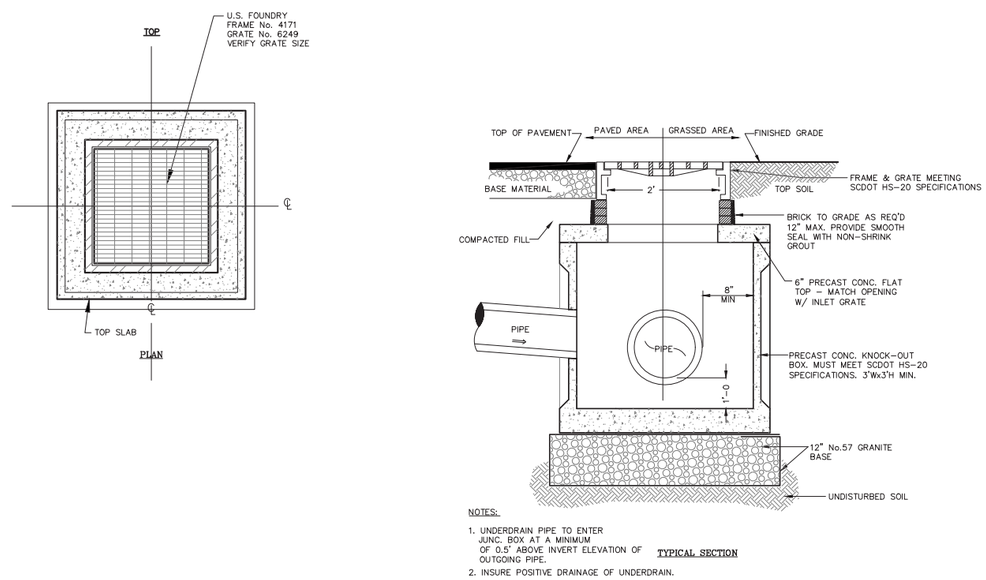
TYPICAL PAVING SECTIONS



NYLOPLAST YARD INLET



BEDDING DETAIL FOR THERMOPLASTIC GRAVITY DRAINS



NOTES:

1. UNDERDRAIN PIPE TO ENTER JUNC. BOX AT A MINIMUM OF 0.5' ABOVE INVERT ELEVATION OF OUTGOING PIPE.
2. INSURE POSITIVE DRAINAGE OF UNDERDRAIN.

GRATE INLET

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PERMIT DOCUMENTS: NOT FOR CONSTRUCTION

DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

PROFESSIONAL SEAL:

DRAWN BY:
SC

CHECKED BY:
SC

#	REVISION	DATE	BY

DATE
10-04-2021
PROJECT NUMBER
2102105
SHEET TITLE
Construction Details

SHEET NUMBER
C-203

REFERENCES

1. THE SURVEY, INCLUDING TOPOGRAPHY, USED FOR THE DESIGN WAS PROVIDED THE OWNER AND PREPARED BY SEA ISLAND LAND SURVEY LLC. DRAWING # 7-1538 E.DWG. DATED 7-28-2021. (AS_BUILT SURVEY). THE SURVEY HAS NOT BEEN FIELD VERIFIED BY WOOD+PARTNERS, INC. & WOOD+PARTNERS, INC. PROVIDES NO WARRANTY AS TO THE ACCURACY OF THE SURVEY.
2. Mandatory on-site pre-construction conference.
3. The owner shall be given twenty four hours (24-hr) notice of all meetings and or testing measures related to said project.

CONSTRUCTION DOCUMENTS

1. This construction documents set has been created to illustrate the general design intent of the project. the contractor shall notify the owner's representative if any discussions arise.
2. The site plans are intended to portray the site as a completed, functional project. The contractor is responsible for the means and methods used to achieve the completed site condition as set out in the plans. It is not the intention of these plans to provide specific guidance of every aspect of the construction. Contractor is responsible for the implementation of the plans in compliance with generally accepted practices and under current standards and codes. Contractor shall apply appropriate construction details and processes whether or not these individual aspects of the work are specifically called out on the plans.

GENERAL NOTES

1. All construction shall be performed in accordance with the contract documents, local, state, and federal requirements unless specified otherwise. Contractor shall obtain these documents, become familiar with them and have them on the job site at all times.
2. The contractor shall make all necessary site visits and inspections to become familiar with the project and make any investigations which are appropriate to confirm the soils/geotechnical information, topographic information, wetlands, utilities, etc. to be able to prepare the bid for constructing the project in accordance with the drawings and information provided for bidding and construction. Any deviations and/or discrepancies in the contractor's finding's versus the construction documents shall be reported in writing to owner prior to the bid and prior to commencement of construction on the areas in question.
3. General contractor shall verify that all necessary permits for construction have been obtained prior to the start of the project. all required permits shall be maintained on site at all times.
4. All materials, methods and details of construction shall conform to the standard specifications of federal, state, local municipality and/or the appropriate utility company, whichever takes precedence. All right-of-way construction shall meet local and state department of transportation standard index and specifications, latest edition.
5. Contractor to coordinate with owner to determine construction staging and storage area prior to commencement of mobilization. any construction trailers used on-site by the contractor (if necessary) shall be permitted through local governing agency if required. it shall be the contractor's responsibility to acquire all necessary permits. Contractor to coordinate with owners representative for temporary construction entrance and will be responsible for all necessary permits and utility connections.
6. A complete set of approved drawings must be maintained on site at all times that the contractor is performing work.
7. Within all notes, the term contractor shall mean the general contractor and any subcontractor or vendor performing construction on the site.

MAINTENANCE OF TRAFFIC

1. Necessary barricades, sufficient lights, signs, and other traffic control methods as may be necessary for the protection and safety of the public & shall be provided by the contractor & maintained throughout the construction project.
2. The contractor shall prepare and submit for approval a staging and construction access plan detailing the location of lay down and storing of materials as well as construction access areas. Such a plan shall require the approval of the owner prior to implementation.
3. Contractor shall be responsible for maintaining access to the pine island boardwalk & bluff walk,as well as temporary vehicular parking to support them throughout construction.

STORMWATER POLLUTION PREVENTION

1. The contractor shall provide and maintain adequate erosion and turbidity controls during and following construction until all disturbed areas have been stabilized to avoid adverse environmental impacts to off-site property and drainage systems. All sediment and erosion control measures shall be installed prior to construction and maintained in accordance with best management practices for stormwater pollution prevention, or as indicated by grading and drainage plans.
2. The contractor shall be responsible for the implementation of the requirements of the erosion control plan. The erosion and sediment controls shown on the plans are the minimum required. Additional measures may be required. All areas disturbed by construction shall be seeded and mulched or sodded, if applicable, in accordance with these construction plans.
3. The contractor shall comply with and meet owner, local, state, and federal requirements of the clean air and water act and other regulations as required.
4. Temporary erosion & sediment controls (hay bales, silt fences, etc.) shall be installed at inlets, pipes, & limits of work areas where surface run-off occurs until soil stabilization is complete.

UTILITIES

1. The contractor shall coordinate all construction with all other utility construction (if applicable).
2. All underground utilities, including conduit and sleeves, to be installed shall be in accordance with the plans, approved specifications and department of transportation standards and specifications as applicable.
3. Contractor shall coordinate conduit locations (i.e. irrigation, electrical, etc.) with subsequent drawings prior to pavement installation. Contractor shall provide owners representative with conduit plan for approval prior to construction.
4. Contractor shall locate, verify, and identify all existing underground utilities shown or not shown on the plans prior to any excavating activities.
   Prior to any site or demolition or construction . this shall include, but shall not be limited to, both main and service lines for the following:

   Potable water lines
   Sanitary sewer lines
   Electric lines (overhead and underground)
   Gas lines
   Telephone lines
   Cable television lines
   Stormwater conveyance lines
5. Contractor shall contact the state's location service at least 48 hours prior to beginning construction.
6. The contractor shall notify all applicable utilities companies, owner, and the adjacent property owners 72 hours prior to initiating any demolition and excavation activities, or as specified by the utilities companies and the permits obtained for the work.
7. Contractor shall coordinate with governing agencies and all utility companies to coordinate timing of and responsibility of demolition operations including any required inspections.
8. The contractor shall take all measures necessary to protect utilities during construction. Should any utility line or component become damaged or require relocation the contractor shall immediately notify the responsible utility company, the owner and the owners representative.
9. Contractor shall be responsible for damages to existing utilities and infrastructure within the site or adjoining properties (i.e. pavement, curb, sidewalk, utilities, landscaped areas etc.). Contractor shall repair/replace all damaged items immediately, if necessary, or prior to the end of the job and at no cost to the owner.
10. Contractor shall stake all work to be completed and obtain approval from owner's representative prior to construction. Any discrepancies shall be resolved prior to construction.

DEMOLITION NOTES

1. Codes: All applicable codes regulating demolition work shall be complied with. The contractor is responsible for determining and confirming applicable code requirements. The contractor shall put up and maintain such barriers and warning lights, as may be necessary or required by code, to protect and prevent unauthorized personnel from entering the demolition work area. All demolition operations shall comply with the requirements of the federal occupational safety and health act (osha) insofar as they apply to demolition work to be performed under this contract.
2. Protection of buildings & equipment: Temporary protective devices, as required by owner, local, state, and federal law, shall be installed adjacent to the demolition work for protection of personnel, existing adjacent buildings, structures and equipment against dust, falling or flying debris. Any damage to existing structures, facilities and/or equipment resulting from demolition work shall be repaired by the contractor at no cost to the owner.
3. Disposal of existing equipment & debris: All debris and existing materials and equipment shall be hauled away and legally disposed of by the contractor. the contractor shall make their own arrangements for obtaining disposal areas.
4. The contractor shall take every precaution to prevent spillage of materials being hauled in public streets. It shall be the contractor's responsibility to immediately clean up any spillage which may occur. Contractor shall dispose of all materials in a legal manner. The contractor shall turn over any removed public utility items, i.e. water meters, to the utility department. All other material shall be disposed of off-site in a legal manner in accordance with all local, state, and federal regulations.
5. Contractor shall be responsible for the trench safety system, if applicable. the trench safety system shall be compliant with osha standard 29 cfr section 1926,650 subpart p. There are to be no unprotected open trenches at the day's end.
6. The contractor shall exercise extreme caution when entering manholes, pipes, or other structures shown on the plans. Proper confined space entry methods shall be exercised.
7. All existing vegetation, root systems, refuse and other deleterious, non-soil material shall be stripped from the proposed construction areas. Clean topsoil may be stockpiled and resued later in landscaped areas.
8. The contractor shall be responsible for removal / legal disposal of any unsuitable material from their operation, furnishing and compacting suitable replacement backfill material in accordance with federal, state, and local regulations.
9. Install tree protection barricade prior to the commencement of constriction at the crown dripline for all trees to be preserved. Construction activity and the staging and storage of material and equipment within the crown dripline shall be prohibited. Tree protection barricade shall remain erected at all times. Tree protection barricade shall be removed at the direction of the owner or owners representative.
10. The contractor is responsible for coordinating required town of hilton head island staking inspection prior to clearing.
11. Cleanup: The contractor shall maintain an order of neatness and good housekeeping. Tools, scaffolding and other demolition equipment must at all times be kept in a neat and orderly arrangement. At the conclusion of the demolition operations, the entire work area shall be left in a clean condition as required for subsequent new work.

LAYOUT NOTES

1. Digital base file shall be made available for use in field location of elements and site features. Hardcopy information shall prevail.
2. Contractor shall stake the layout of the construction documents for owner and owners representative to approve prior to construction.
3. All field adjustments shall receive approval from the owner prior to construction.

FINAL ACCEPTANCE

1. The contractor is responsible for providing "as-built" drawings certified by a registered surveyor.
2. "As-built" drawings shall be provided to the owner and owners representative in cad and hardcopy formats.
3. Final inspection shall not occur until "as-built" drawings have been provided to and reviewed by owner and owners representative.
4. There shall be a minimum ten (10) days notice given for scheduling the substantial completion inspection.
5. There shall be a minimum ten (10) days notice given for scheduling the final inspection.

PAVING AND DRAINAGE NOTES

1. All grading, placement of fill and compaction shall be in accordance with the approved plans. All fill placed as a part of this project shall be placed in accordance with the project specifications. all fill areas must be compacted as stated.
2. Compaction densities for all select fill are to be taken in six inch (6") lifts in accordance with department of transportation standard specifications.
3. All construction lines & grades shall be established and maintained by the contractor.
4. Contractor shall verify all elevations prior to construction and notify owner of discrepancies. Stormwater analysis was not conducted for this project. Contractor to ensure proper and positive drainage of all grades.
5. The contractor shall verify all the elevations of all tie-in-points for installation of utilities, hardscape and finished work, and notify the owner's representative of discrepancies.
6. If discrepancies develop between the proposed grades as shown on the plan and the existing ground surface, the contractor, with prior approval from the owner, shall make grading adjustments necessary to maintain the general intent of the design.
7. Contractor shall protect all trees, vegetation and reference points as indicated on the drawings.
8. Contractor shall coordinate the construction of the paving with all other construction.
9. All sidewalks and ramps shall have a maximum cross slope of 2%.
10. All sidewalks shall not exceed slope of 5% unless otherwise indicated.

PAVING AND DRAINAGE NOTES (CONTINUED)

11. Tolerance of any horizontal gap shall be no greater than 1/2" and the vertical change shall be no greater than 1/4", which includes but is not limited to the radius of any concrete edge and unit paving edge.
12. All construction shall be in accordance with the permitted construction documents. any deviation from the approved construction documents shall be the sole responsibility of the organization and/or entity responsible for the installation to update/replace any deficient material/equipment necessary to bring the final product to the standards of the permitted construction documents.
13. All sidewalks and ramps constructed shall comply with all local, state, and federal a.d.a. regulations, laws, and policies.
14. Contractor is responsible for constructing all a.d.a. accessible routes, pursuant to local, state, and federal ada regulations.
15. Regarding grades or slopes compared to ada requirements, the contractor shall contact the owner or owners representative for clarification, prior to implementation.

GENERAL DETAILS NOTES

1. These notes shall apply to all details included in this set of construction documents.
2. See structural notes for all wood requirements.
3. Contractor to construct 5'-0" by 5'-0" demonstration area for all concrete specificed and 5'-0" by 5'-0" demonstration area for all specialty pavement at least one week prior to on-site application. Final application must be compatible (match) with demonstration areas.
4. Bolts, threaded rods, washers, nuts and all building hardware shall be stainless steel unless otherwise specified.
5. All through bolts to be smooth shaft with stainless steel nuts, bolts, and washers unless otherwise specified.
6. Nails: All nails shall be stainless steel. Finish nails shall be annular alloy aluminum unless otherwise specified.
7. All welds continuous.
8. Install all site furnishings plumb, level, true to line and at elevations indicated.
9. Restore damaged finishes and replace damaged or defective units at no additional expense to owner.
10. Submit shop drawings, product data and maintenance data for approval prior to purchasing, fabrication and installation.
11. All concrete footings, bases, and walks shall be a minimum of 4,000 psi, unless otherwise specified. (see structural)
12. Construct expansion joints where walks meet curbs, steps, walls, or fixed slabs or as otherwise stated in the plans.
13. All paver dimensions to be actual. All lumber dimensions to be nominal.

STRUCTURAL NOTES

1. See structural plans for additional general notes & notes regarding foundations, concrete, reinforcement, grout, wood, and other items.

ARCHAEOLOGICAL NOTES

This site may contain archaeological deposits and as such, the following conditions should be applied:

- Sports court: Trees shall be removed by cutting at the ground level and using a stump grinder to remove the core of the stump to 24", and filled and capped with concrete if necessary. The sports court will be built on fill to avoid damage to potential archaeological resources.
- Drive and parking: The resurfacing of existing roads will use already disturbed locations and should not impact undisturbed portions of the site.
- Picnic pavilion: A professional archaeologist will excavate the four footings and provide a report of findings. remaining foundation work will be above undisturbed archaeological deposits. If archaeological resources are found, the construction will be delayed until the archaeological finds are mitigated.
- Footwash: A professional archaeologist will monitor ground disturbance during construction. The archaeological monitoring will be conducted in compliance with the shpo guidance for archaeological site monitoring.

75 % SUBMITTAL, NOT FOR CONSTRUCTION

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7 Surrey Lane
Hilton Head Island, SC 29926

DOLPHIN HEAD
RECREATION AREA
HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

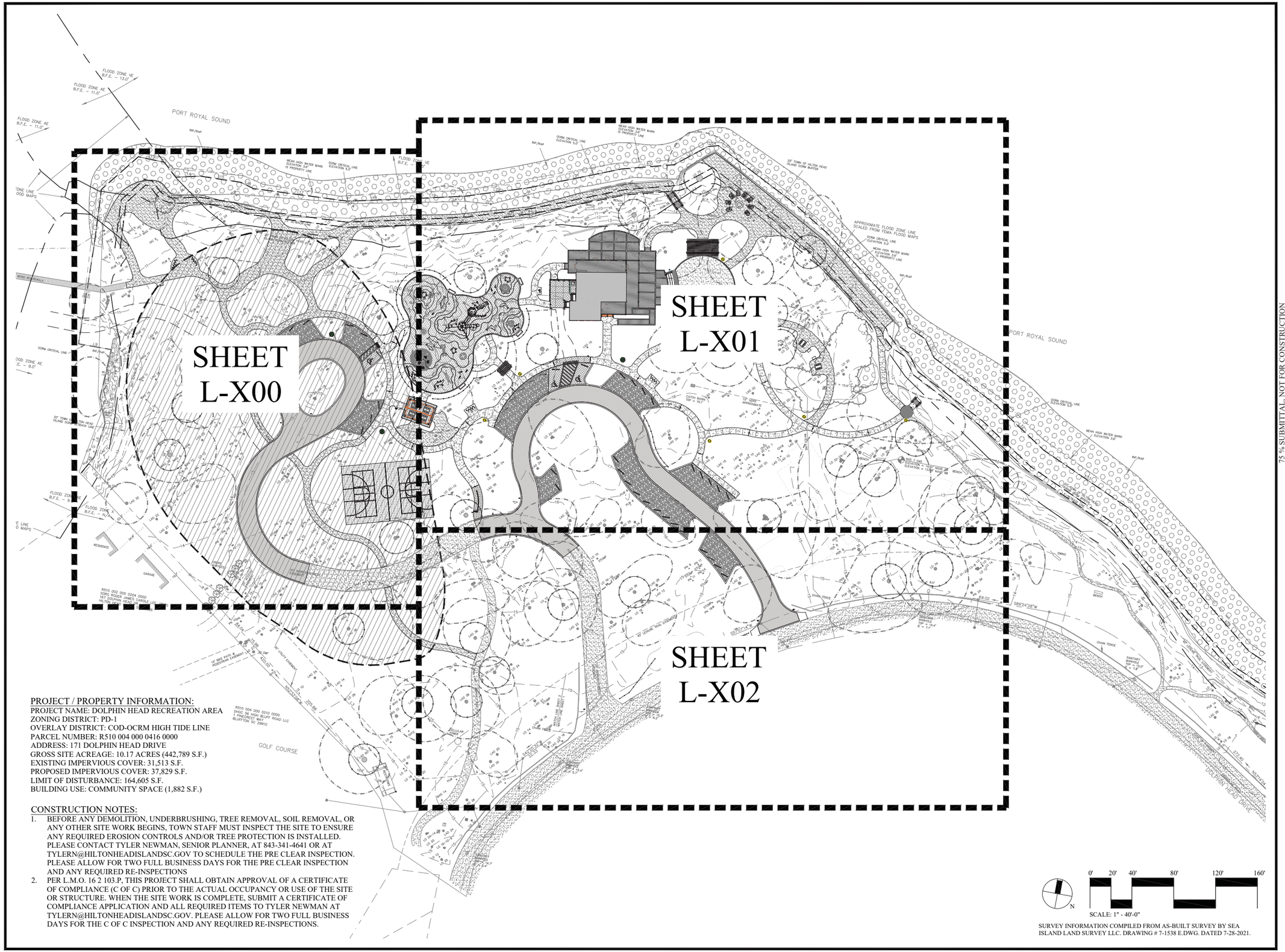
PROFESSIONAL SEAL:

DRAWN BY:
BH
CHECKED BY:
KT

#	REVISION	DATE	BY

DATE
10-5-2021
PROJECT NUMBER
01-20046
SHEET TITLE
General Notes

SHEET NUMBER
L-001



PROJECT / PROPERTY INFORMATION:
PROJECT NAME: DOLPHIN HEAD RECREATION AREA
ZONING DISTRICT: PD-1
OVERLAY DISTRICT: COD-OCRM HIGH TIDE LINE
PARCEL NUMBER: R510 004 000 0416 0000
ADDRESS: 171 DOLPHIN HEAD DRIVE
GROSS SITE ACREAGE: 10.17 ACRES (442,789 S.F.)
EXISTING IMPERVIOUS COVER: 31,513 S.F.
PROPOSED IMPERVIOUS COVER: 37,829 S.F.
LIMIT OF DISTURBANCE: 164,605 S.F.
BUILDING USE: COMMUNITY SPACE (1,882 S.F.)

CONSTRUCTION NOTES:
1. BEFORE ANY DEMOLITION, UNDERBRUSHING, TREE REMOVAL, SOIL REMOVAL, OR ANY OTHER SITE WORK BEGINS, TOWN STAFF MUST INSPECT THE SITE TO ENSURE ANY REQUIRED EROSION CONTROLS AND/OR TREE PROTECTION IS INSTALLED. PLEASE CONTACT TYLER NEWMAN, SENIOR PLANNER, AT 843-341-4641 OR AT TYLERN@HILTONHEADISLANDSC.GOV TO SCHEDULE THE PRE CLEAR INSPECTION. PLEASE ALLOW FOR TWO FULL BUSINESS DAYS FOR THE PRE CLEAR INSPECTION AND ANY REQUIRED RE-INSPECTIONS
2. PER L.M.O. 16 2 103.P, THIS PROJECT SHALL OBTAIN APPROVAL OF A CERTIFICATE OF COMPLIANCE (C OF C) PRIOR TO THE ACTUAL OCCUPANCY OR USE OF THE SITE OR STRUCTURE. WHEN THE SITE WORK IS COMPLETE, SUBMIT A CERTIFICATE OF COMPLIANCE APPLICATION AND ALL REQUIRED ITEMS TO TYLER NEWMAN AT TYLERN@HILTONHEADISLANDSC.GOV. PLEASE ALLOW FOR TWO FULL BUSINESS DAYS FOR THE C OF C INSPECTION AND ANY REQUIRED RE-INSPECTIONS.

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY LLC. DRAWING # 7-1538 E.DWG. DATED 7-28-2021.

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75 % SUBMITTAL, NOT FOR CONSTRUCTION

DOLPHIN HEAD RECREATION AREA
HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

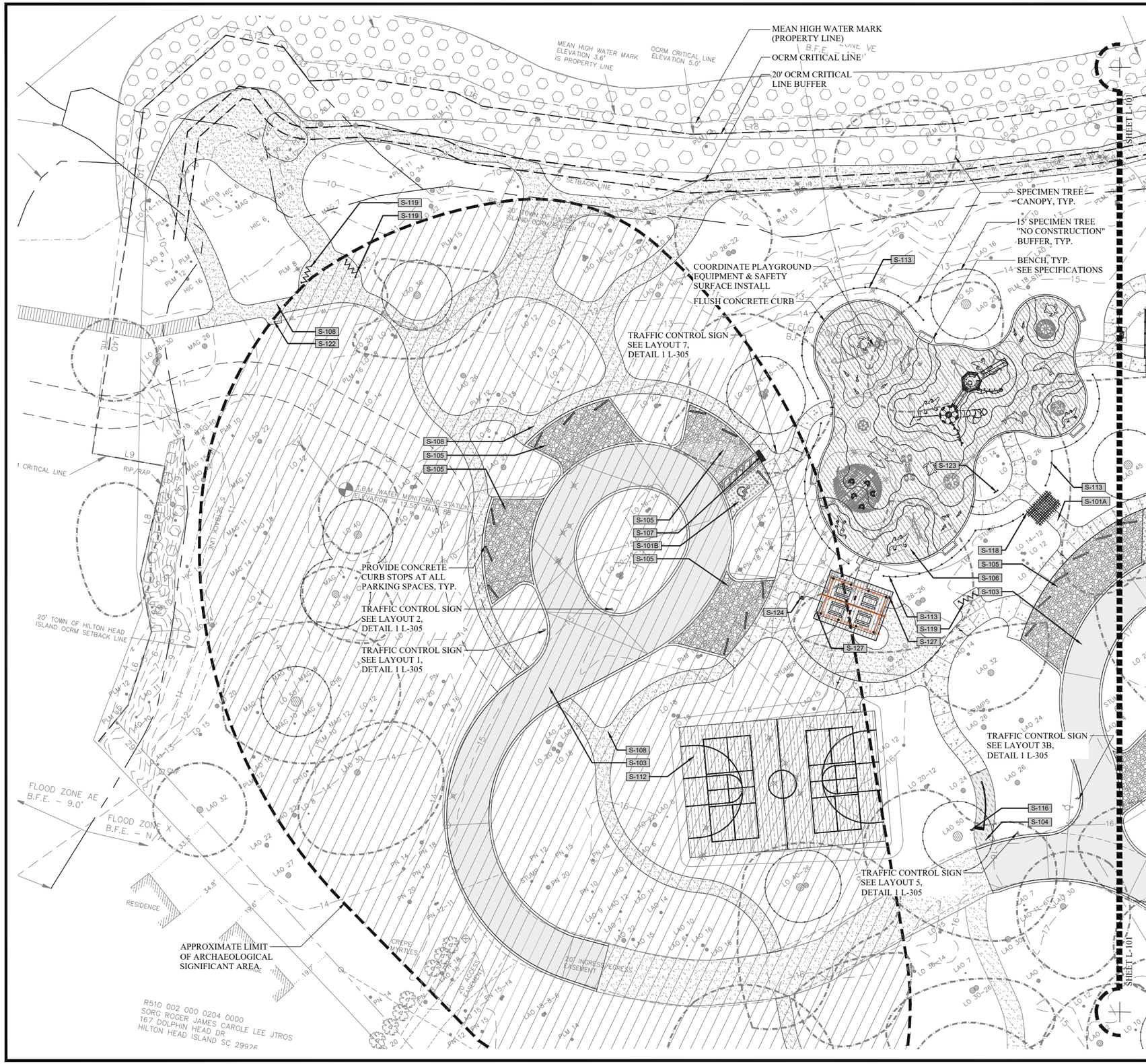
PROFESSIONAL SEAL:

DRAWN BY: BH
CHECKED BY: KT

#	REVISION	DATE	BY

DATE
10-5-2021
PROJECT NUMBER
01-20046
SHEET TITLE
Sheet Layouts

SHEET NUMBER
L-003



REFERENCE NOTES SCHEDULE

SYMBOL	SITE ELEMENTS DESCRIPTION	DETAIL
S-101A	Concrete Walkway (4" Depth)	1/L-300
S-101B	Concrete Walkway (6" Depth)	2/L-300
S-102	Decorative Pavers	4/L-300
S-103	Asphalt Road w/ Flush Conc. Border (See Civil)	
S-104	Asphalt Trail	11/L-300
S-105	Permeable Parking	5/L-300
S-106	Playground Safety Surfacing	10/L-300
S-107	A.D.A. Warning Tiles	8/L-300
S-108	Soft Pave Trail	6/L-300
S-109	Artificial Turf	7/L-300
S-110	Fire pit	3/L-301
S-111	Masonry Stairs at Deck	4/L-301
S-112	Sports Court	9/L-300
S-113	Post & Rope Barrier	12/L-300
S-115	Event Lawn Trellis	1/L-302
S-116	Bicycle Stop Sign	11/L-303
S-117	Entry I.D. Sign	2/L-302
S-118	Playground Entry Trellis	1/L-301
S-119	Bike Rack	6/L-303
S-120	Drinking Fountain	8/L-303
S-121	Vehicular Bollard	10/L-303
S-122	Footwash / Rinse Station	9/L-303
S-123	Playground Rules Sign	5/L-303
S-124	Hose Bibb	7/L-303
S-125	Stairs Type A	1/L-303
S-126	Stairs Type B	2/L-303
S-127	Post Mounted GFCI	2/L-301
S-128	Building I.D. Sign	4/L-303

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

SCALE: 1" - 20'-0"

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY LLC. DRAWING # 7-1538 E.DWG. DATED 7-28-2021.

75% SUBMITTAL, NOT FOR CONSTRUCTION

Wood+Partners Inc. WPI
Landscape Architecture
Land Planning
P.O. Box 23280 • 4 Hilton Head Island SC 29926
843-681-5700 • Fax 843-681-7800 • www.woodandpartners.com

Client Info:
Hilton Head Plantation POA
7 Surrey Lane
Hilton Head Island, SC 29926

DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

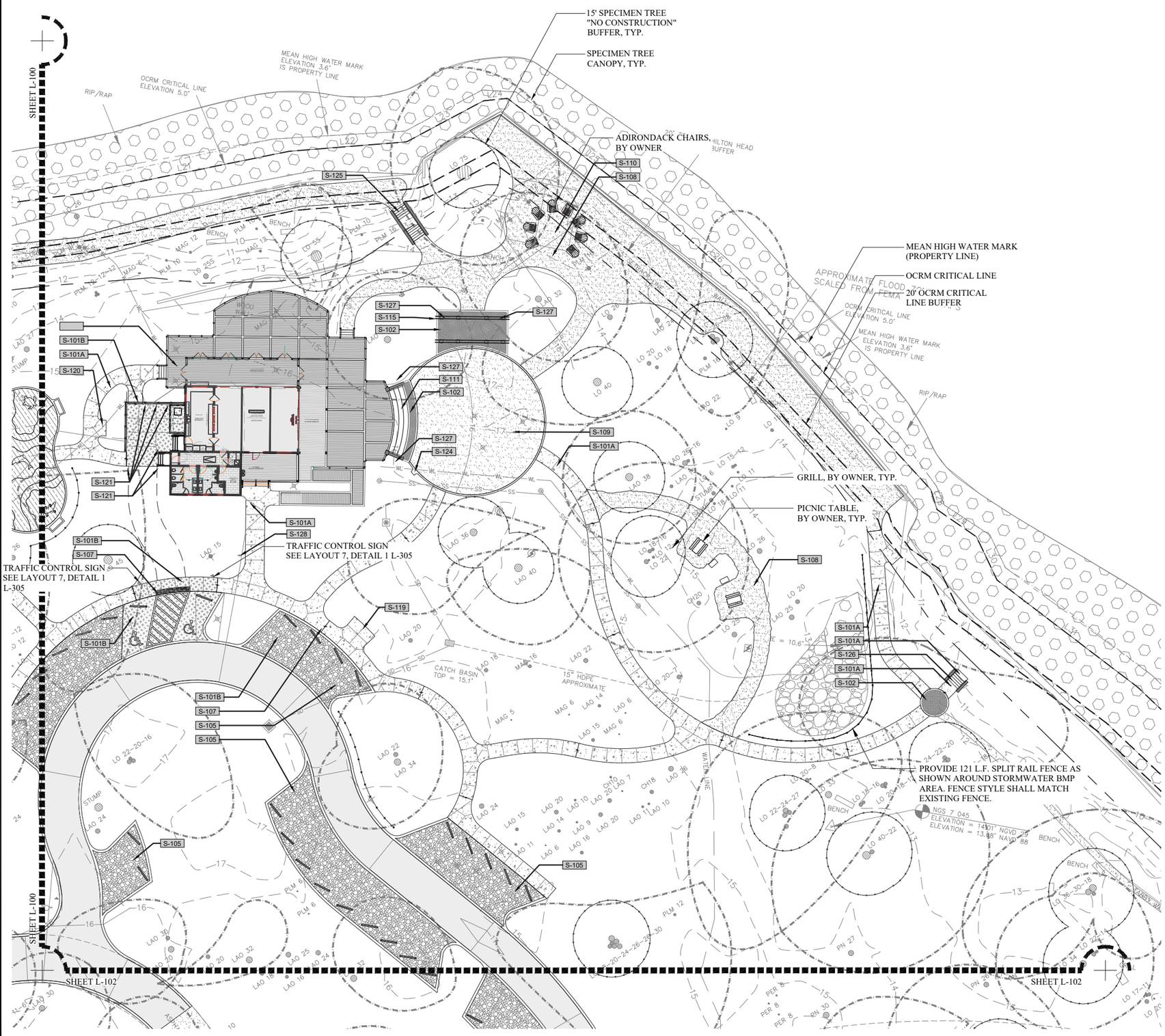
PROFESSIONAL SEAL:

DRAWN BY: BH
CHECKED BY: KT

#	REVISION	DATE	BY

DATE
10-5-2021
PROJECT NUMBER
01-20046
SHEET TITLE
Site Plan

SHEET NUMBER
L-100



REFERENCE NOTES SCHEDULE

SYMBOL	SITE ELEMENTS DESCRIPTION	DETAIL
S-101A	Concrete Walkway (4" Depth)	1/L-300
S-101B	Concrete Walkway (6" Depth)	2/L-300
S-102	Decorative Pavers	4/L-300
S-103	Asphalt Road w/ Flush Conc. Border (See Civil)	
S-104	Asphalt Trail	11/L-300
S-105	Permeable Parking	5/L-300
S-106	Playground Safety Surfacing	10/L-300
S-107	A.D.A. Warning Tiles	8/L-300
S-108	Soft Pave Trail	6/L-300
S-109	Artificial Turf	7/L-300
S-110	Fire pit	3/L-301
S-111	Masonry Stairs at Deck	4/L-301
S-112	Sports Court	9/L-300
S-113	Post & Rope Barrier	12/L-300
S-115	Event Lawn Trellis	1/L-302
S-116	Bicycle Stop Sign	11/L-303
S-117	Entry I.D. Sign	2/L-302
S-118	Playground Entry Trellis	1/L-301
S-119	Bike Rack	6/L-303
S-120	Drinking Fountain	8/L-303
S-121	Vehicular Bollard	10/L-303
S-122	Footwash / Rinse Station	9/L-303
S-123	Playground Rules Sign	5/L-303
S-124	Hose Bibb	7/L-303
S-125	Stairs Type A	1/L-303
S-126	Stairs Type B	2/L-303
S-127	Post Mounted GFCI	2/L-301
S-128	Building I.D. Sign	4/L-303

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

N

SCALE: 1" - 20'-0"

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HILTON HEAD ISLAND, SC 29926

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SHEET NUMBER
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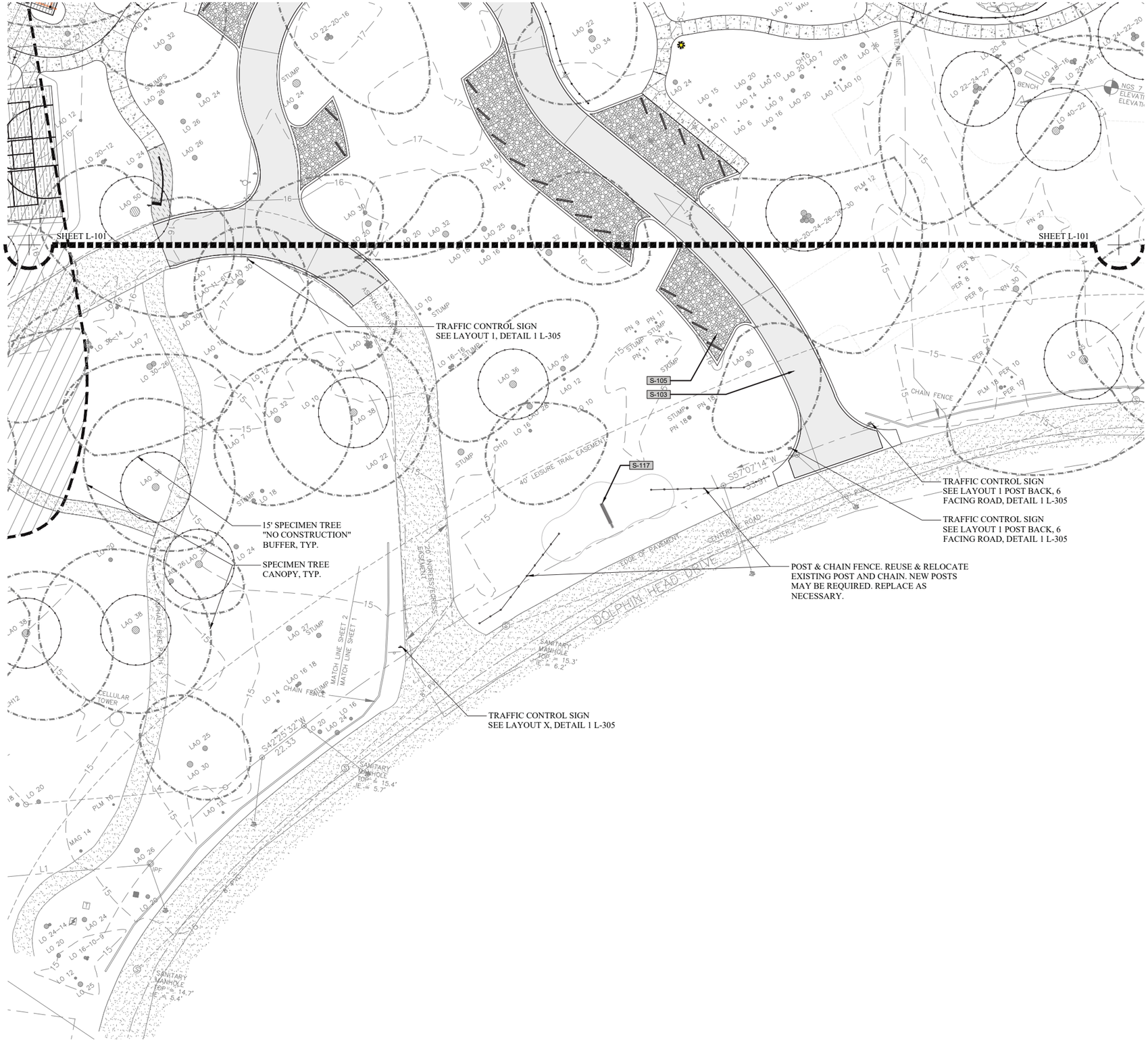

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S-104	Asphalt Trail	11/L-300
S-105	Permeable Parking	5/L-300
S-106	Playground Safety Surfacing	10/L-300
S-107	A.D.A. Warning Tiles	8/L-300
S-108	Soft Pave Trail	6/L-300
S-109	Artificial Turf	7/L-300
S-110	Fire pit	3/L-301
S-111	Masonry Stairs at Deck	4/L-301
S-112	Sports Court	9/L-300
S-113	Post & Rope Barrier	12/L-300
S-115	Event Lawn Trellis	1/L-302
S-116	Bicycle Stop Sign	11/L-303
S-117	Entry I.D. Sign	2/L-302
S-118	Playground Entry Trellis	1/L-301
S-119	Bike Rack	6/L-303
S-120	Drinking Fountain	8/L-303
S-121	Vehicular Bollard	10/L-303
S-122	Footwash / Rinse Station	9/L-303
S-123	Playground Rules Sign	5/L-303
S-124	Hose Bibb	7/L-303
S-125	Stairs Type A	1/L-303
S-126	Stairs Type B	2/L-303
S-127	Post Mounted GFCI	2/L-301
S-128	Building I.D. Sign	4/L-303

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

SCALE: 1" - 20'-0"

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HILTON HEAD PLANTATION
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PROFESSIONAL SEAL:

DRAWN BY:
BH

CHECKED BY:
KT

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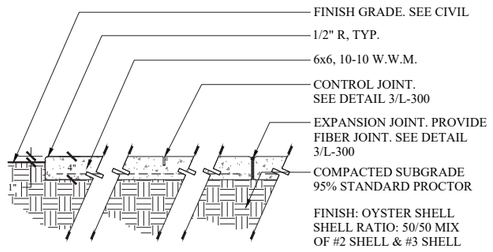
SHEET TITLE
Site Plan

SHEET NUMBER
L-102



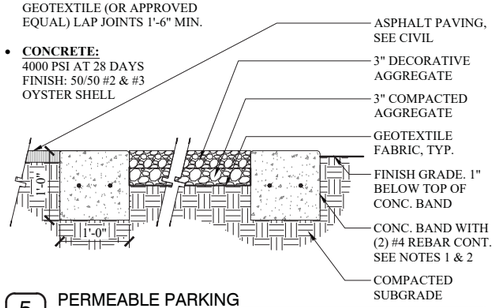
NOTES:
1. CONTRACTOR SHALL PROVIDE MIN 5'X5' SAMPLE FOR APPROVAL PRIOR TO CONSTRUCTION.
2. PROVIDE MIN. 1% CROSS SLOPE ON ALL PAVED SURFACES FOR POSITIVE DRAINAGE.
3. CONSTRUCT EXPANSION JOINTS WHERE WALKS MEET CURBS, DIFFERENT PAVEMENTS & WALLS.
4. SEE SITE PLAN FOR LOCATIONS.
5. ALL CONCRETE SHALL BE 4000 PSI @ 28 DAYS.

1 CONCRETE PAVING - 4"
1" 1'-0"d

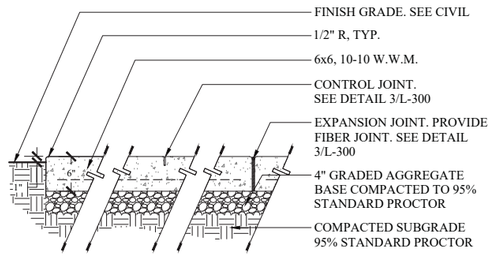
MATERIAL SELECTIONS:

- **DECORATIVE AGGREGATE:** T.B.D.
- **COMPACTED AGGREGATE:** #57 STONE, COMPACT TO 95% STANDARD PROCTOR
- **GEOTEXTILE FABRIC:** 4 OZ MIN., SUPAC 4.5 NP GEOTEXTILE (OR APPROVED EQUAL) LAP JOINTS 1'-6" MIN.
- **CONCRETE:** 4000 PSI AT 28 DAYS FINISH: 50/50 #2 & #3 OYSTER SHELL

NOTES:
1. SEE SITE PLAN FOR LOCATIONS OF PARKING BAYS. EDGE CONDITIONS CHANGE DEPENDING ON LOCATION.
2. WHERE PARKING ABUTS WALKWAYS NO CONC. BAND WILL BE REQUIRED ALONG THE WALK EDGE.



5 PERMEABLE PARKING
1" 1'-0"d



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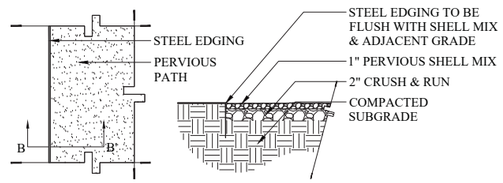
1. CONTRACTOR SHALL PROVIDE MIN 5'X5' SAMPLE FOR APPROVAL PRIOR TO CONSTRUCTION.
2. PROVIDE MIN. 1% CROSS SLOPE ON ALL PAVED SURFACES FOR POSITIVE DRAINAGE.
3. CONSTRUCT EXPANSION JOINTS WHERE WALKS MEET CURBS, DIFFERENT PAVEMENTS & WALLS.
4. SEE SITE PLAN FOR FINISH TYPE & LOCATIONS.
5. ALL CONCRETE SHALL BE 4000 PSI @ 28 DAYS.

FINISH: OYSTER SHELL
SHELL RATIO: 50/50 MIX
OF #2 SHELL & #3 SHELL

2 CONCRETE PAVING - 6"
1" 1'-0"d



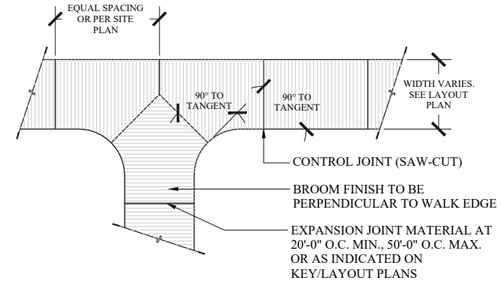
PLAN VIEW **SECTION**

MATERIAL SELECTIONS:

- **SHELL MIX:** MIX RATIO: 50% #1 OYSTER SHELL & 50% #2 OYSTER SHELL
- **STEEL EDGING:** MNFR: BORDER CONCEPTS MODEL: BORDER KING COLOR: BLACK PANEL SIZE: 1/4" X 5" X 16'

NOTES:
1. SEE SITE PLAN FOR LOCATIONS.
2. VIBRATE COMPACT CRUSH & RUN BASE.
3. PROVIDE SAMPLES OF SHELL MIX FOR APPROVAL PRIOR TO INSTALLATION.

6 SOFT PAVE TRAIL
1" 1'-0"d

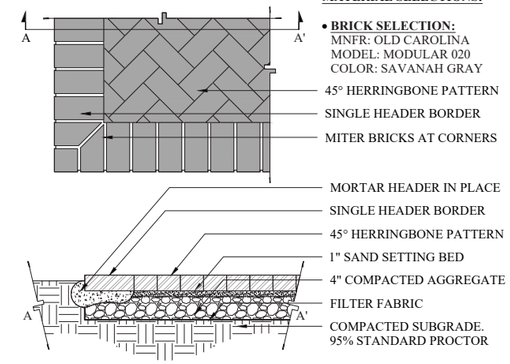


NOTES:
1. SCORE PATTERN AND EXPANSION JOINTS SHALL BE PLACED ON A SQUARE PATTERN WITH RESPECT TO THE WIDTH OF THE WALK.
2. ALL CONCRETE EXPANSION & CONTROL JOINTS SHOULD BE LOCATED / SCORED / CUT AS SHOWN ON THE SITE PLAN OR WITHIN INDIVIDUAL DETAIL ENLARGEMENTS. ANY JOINT LOCATIONS THAT DO NOT FOLLOW THESE PLANS OR HAVE BEEN FIELD MODIFIED WITHOUT APPROVAL BY THE LANDSCAPE ARCHITECT ARE SUBJECT TO DEMO / REMOVAL & RE-POURING AT THE CONTRACTORS EXPENSE.

3 CONCRETE JOINTING LAYOUT
1" 1'-0"d

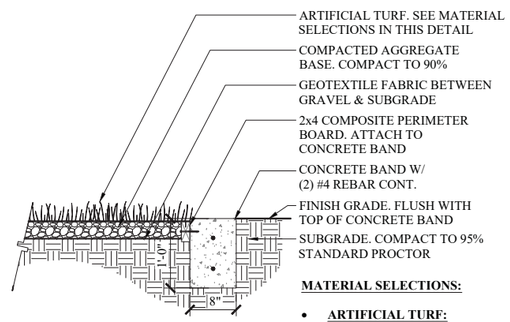
MATERIAL SELECTIONS:

- **BRICK SELECTION:** MNFR: OLD CAROLINA MODEL: MODULAR 020 COLOR: SAVANAH GRAY



NOTES:
1. SEE SITE PLANS FOR LOCATIONS & PAVER DIRECTION.
2. ALL REQUIRED CUTS / MITERS SHALL OCCUR FROM WHOLE BRICKS.

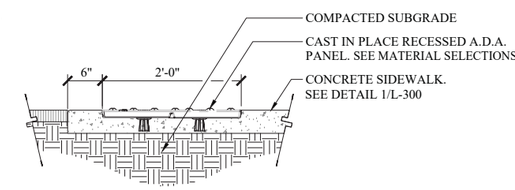
4 DECORATIVE PAVERS
1" 1'-0"d



MATERIAL SELECTIONS:

- **ARTIFICIAL TURF:** MNFR: SYN LAWN MODEL: SYNAugustine 547
- **CONCRETE:** 4000 PSI @ 28 DAYS FINISH: 50/50 #2 & #3 OYSTER SHELL

7 ARTIFICIAL TURF
1" 1'-0"d



NOTES:
1. INSTALLATION OF TILES SHALL BE PER MANUFACTURERS SPECIFICATIONS.
2. SEE SITE PLAN FOR ALL ADA TILE LOCATIONS. SEE LAYOUT PLAN FOR DIMENSIONS OF TILE AREAS.

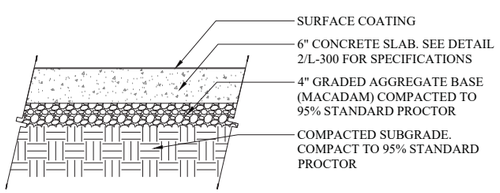
MATERIAL SELECTIONS:

- **A.D.A. TILES AT 6' WALKWAY:** MNFR: ADA SOLUTIONS MODEL: CAST IN PLACE (2460REP) SIZE: 24"x60" COLOR: DARK GRAY 36081
- **A.D.A. TILES AT A.D.A. PARKING:** MNFR: ADA SOLUTIONS MODEL: CAST IN PLACE (2424REP) SIZE: 24"x24" COLOR: DARK GRAY 36081

8 A.D.A. DETECTABLE WARNING TILES
1" 1'-0"d

MATERIAL SELECTIONS:

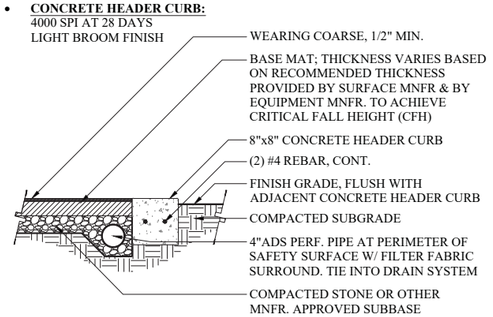
- **SURFACE COATING:** MNFR: NOVA SPORTS U.S.A. PRODUCT: NOVAPLAY CONCRETE (PLAY SURFACE) PRODUCT: NOVATEX (LINES) COLORS: SEE SPORTS COURT LAYOUT FOR COLOR LOCATIONS & STRIPING LAYOUT



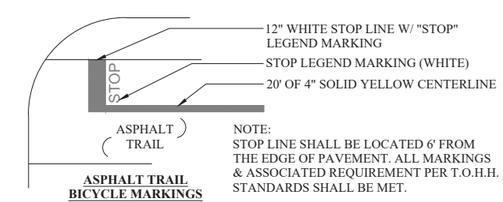
9 SPORTS COURT
1" 1'-0"d

MATERIAL SELECTIONS:

- **PLAYGROUND SURFACING** MNFR: T.B.D. MODEL: T.B.D. COLORS: SEE DETAIL 1/L-305 FOR COLOR SELECTIONS & LAYOUT
- **CONCRETE HEADER CURB:** 4000 SPI AT 28 DAYS LIGHT BROOM FINISH

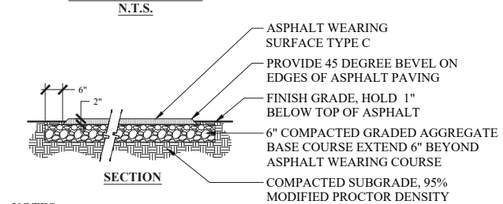


10 SAFETY SURFACING & CURBING
1" 1'-0"d



ASPHALT TRAIL BICYCLE MARKINGS N.T.S.

NOTE:
STOP LINE SHALL BE LOCATED 6' FROM THE EDGE OF PAVEMENT. ALL MARKINGS & ASSOCIATED REQUIREMENT PER T.O.H.H. STANDARDS SHALL BE MET.

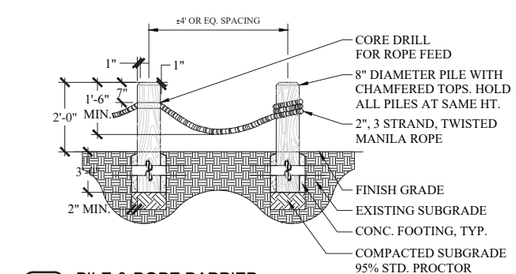


SECTION

NOTES:
1. CROSS SLOPE PATH FOR POSITIVE DRAINAGE.
2. SEE SITE PLAN FOR TRAIL WIDTH & LAYOUT INFO.

11 ASPHALT TRAIL
1/2" 1'-0"d

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. 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.



12 PILE & ROPE BARRIER
1/2" 1'-0"d

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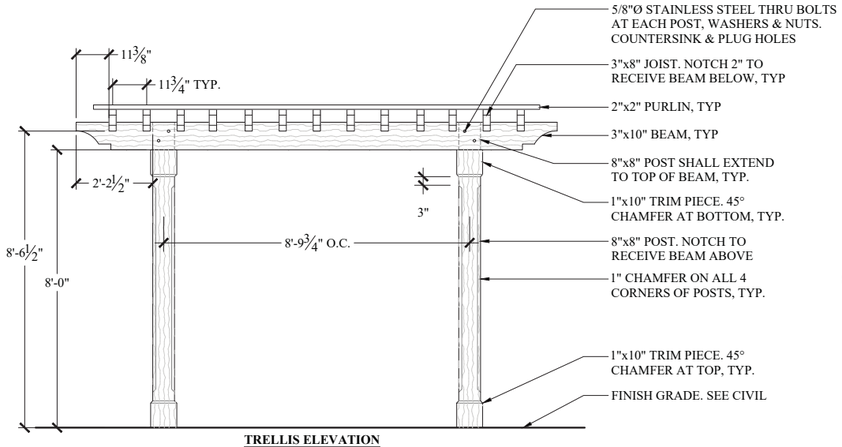
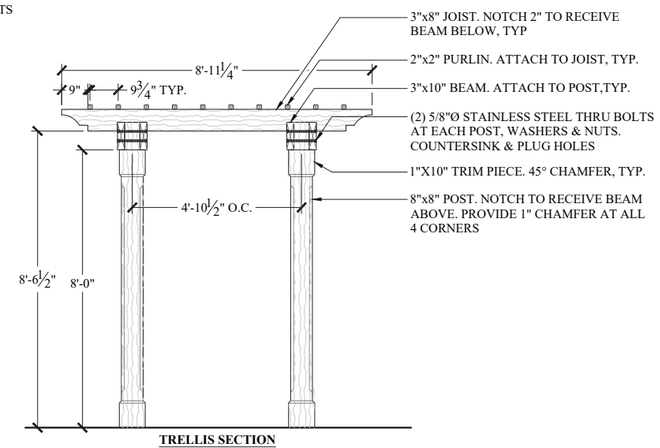
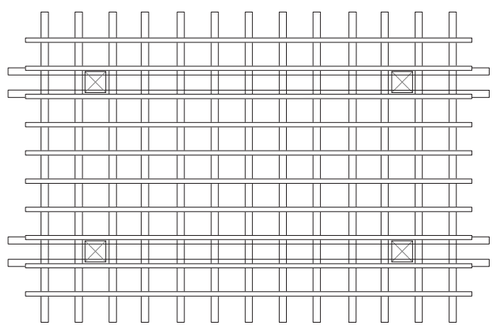


TRELLIS ELEVATION



TRELLIS SECTION



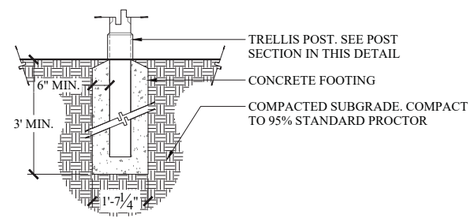
TRELLIS PLAN

MATERIAL SELECTIONS:

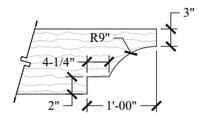
- **WOOD:**
  SPECIES: P.T. S.Y.P. #1 SELECT
  STAIN COLOR: LIGHT SAGE GREEN S.W. 2851
- **WOOD FASTENERS:**
  TYPE: S.S. UNLESS NOTED OTHERWISE
- **CONCRETE:**
  4000 PSI AT 28 DAYS

NOTES:

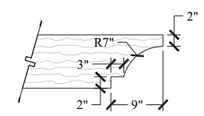
1. ALL ELECTRICAL CONDUIT TO BE INSTALLED SO AS TO APPEAR INTEGRATED INTO THE DESIGN AS MUCH AS POSSIBLE. ALL CONDUIT SHALL BE PAINTED TO MATCH THE COLOR OF THE MATERIAL IT IS INSTALLED AGAINST.



TRELLIS FOOTER SECTION



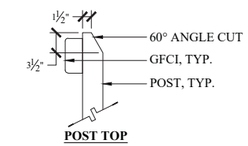
3"x10" BEAM END CUT (N.T.S.)



3"x8" JOIST END CUT (N.T.S.)

1 PLAYGROUND ENTRY TRELLIS

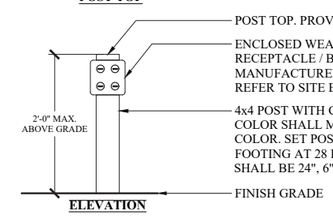
1/2" 1'-0"d



POST TOP

MATERIAL SELECTIONS:

- **WOOD:**
  SPECIES: P.T. S.Y.P. MARINE GRADE
  PAINT COLOR: LIGHT SAGE GREEN S.W. 2851, 1 COAT PRIMER, 2 COATS PAINT



ELEVATION

NOTES:

1. SEE SITE PLAN FOR LOCATIONS. COORDINATE FINAL LOCATION W/ OWNER.
2. ALL WOOD SHALL BE # 1 SELECT MARINE GRADE GRADE S.Y.P.
3. ALL HARDWARE SHALL BE HOT DIPPED GALVANIZED.
4. CONCRETE SHALL BE 4000 PSI AT 28 DAYS, 24" BELOW GRADE.
5. CONCEAL CONDUIT IN RACEWAY. PLUG RACEWAY ONCE INSTALLED.

2 GFCI

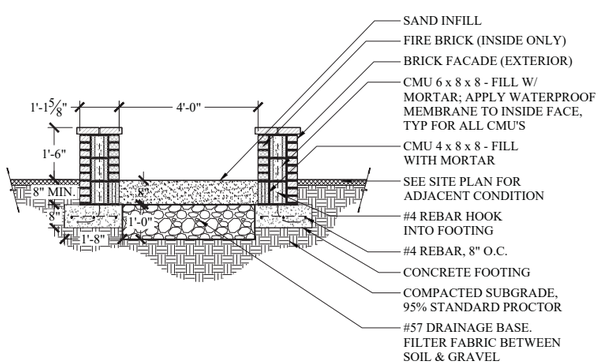
1" 1'-0"d

MATERIAL SELECTIONS:

- **BRICK CAP:**
  MNFR: OLD CAROLINA
  MODEL: MODULAR 020
  COLOR: SAVANNAH GRAY
  MORTAR: GLEN-GERY, G-501
- **BRICK FACADE:**
  MNFR: OLD CAROLINA
  MODEL: MODULAR 020
  COLOR: SAVANNHA GRAY
  MORTAR: GLEN-GERY, G-501

NOTES:

1. TOP OF WALL ELEVATION TO BE HELD CONSISTENT.
2. BRICK ROWLOCK CAP SHALL BE CUT RADIALLY AS NECESSARY. BRICK JOINTS SHALL NOT EXCEED 1/2" ON RADIUS.

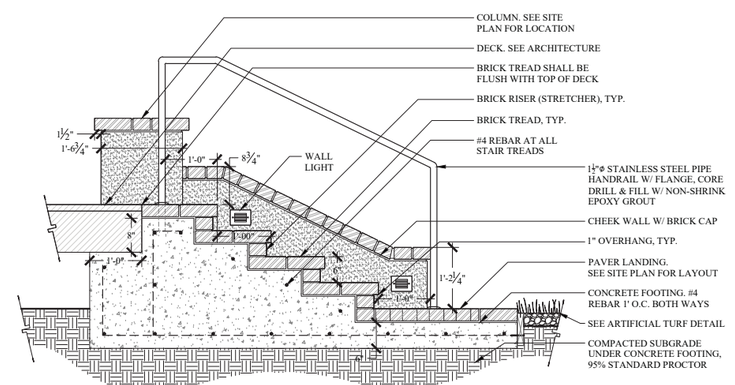


3 FIREPIT

1/2" 1'-0"d

MATERIAL SELECTIONS:

- BRICK SELECTION:
  MNFR: OLD CAROLINA
  MODEL: OVERSIZE 000
  COLOR: SAVANNAH GRAY
- MORTAR:
  MNFR: ARGOS
  COLOR: SAVANNAH IVORY
  JOINT STYLE: CONCAVE
- TABBY STUCCO:
  SHELL MIX: #1 & #2
  SHELL RATIO: 50/50
  APPLICATION RATE: 1.25 LBS. / S.F.
- HANDRAIL SELECTION:
  MNFR: CUSTOM
  FINISH: POWDER COAT
  COLOR: DARK BRONZE
- CONCRETE:
  4,000 PSI AT 28 DAYS
- WALL LIGHT:
  MNFR: BEACHSIDE LIGHTING
  MODEL: E9-RCL
  COLOR: DARK BRONZE
  SEE SITE ELECTRICAL PLANS FOR LOCATIONS



GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF HANDRAILS FOR APPROVAL PRIOR TO FABRICATION.
2. HANDRAILS SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS.
3. PROVIDE DECORATIVE COLLAR AT BOTTOM OF ALL HANDRAILS. COLOR TO MATCH HANDRAIL FINISH.
4. ALL FASTENERS AND HARDWARE SHALL BE S.S.
5. SEE SITE PLAN FOR ADJACENT MATERIAL/CONDITIONS.

4 MASONRY STAIRS AT DECK

3/4" 1'-0"d

Wood+Partners Inc. WPI
Landscape Architecture
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PO Box 23209 • 1 Hilton Head Island SC 29926
843-681-5700 • Fax 843-681-7800 • www.woodandpartners.com

Client Info:
Hilton Head Plantation POA
7 Surrey Lane
Hilton Head Island, SC 29926

DESIGN DEVELOPMENT: NOT FOR CONSTRUCTION

DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

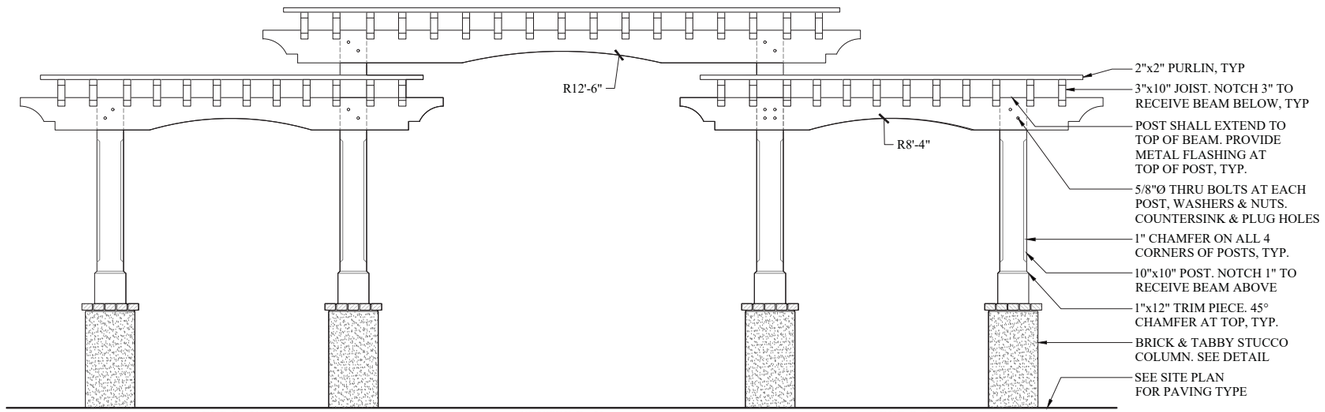
PROFESSIONAL SEAL:

DRAWN BY: BH
CHECKED BY: KT

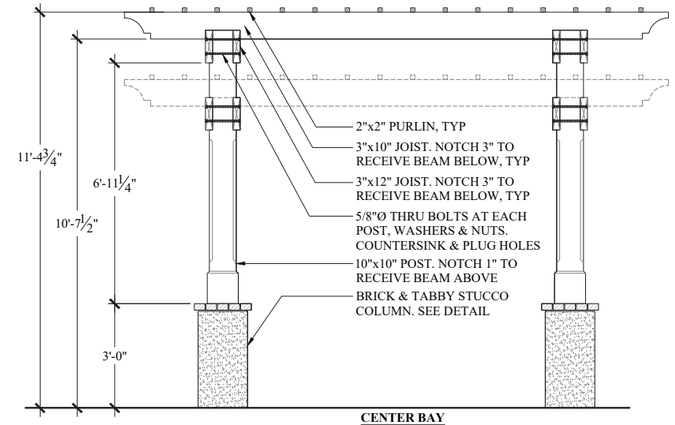
#	REVISION	DATE	BY

DATE
10-5-2021
PROJECT NUMBER
01-20046
SHEET TITLE
Details

SHEET NUMBER
L-301



FRONT ELEVATION

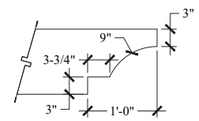


CENTER BAY
SIDE ELEVATION

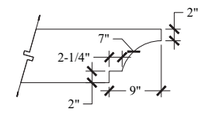
MATERIAL SELECTIONS:

- **WOOD:**
  SPECIES: P.T. S.Y.P. MARINE GRADE #1 SELECT
  PAINT COLOR: LIGHT SAGE GREEN S.W. 2851
  APPLICATION: 1 COAT PRIMER, 2 COATS PAINT
- **WOOD FASTENERS:**
  TYPE: HOT DIP GALV.
- **BRICK SELECTION:**
  MNFR: OLD CAROLINA
  MODEL: MODULAR
  COLOR: SAVANNAH GRAY
  MORTAR: GLEN-GERY G-501
  JOINT STYLE: CONCAVE
- **TABBY STUCCO:**
  SHELL MIX: #1 & #2
  SHELL RATIO: 50/50
  APPLICATION RATE: 1.25 LBS. / S.F.

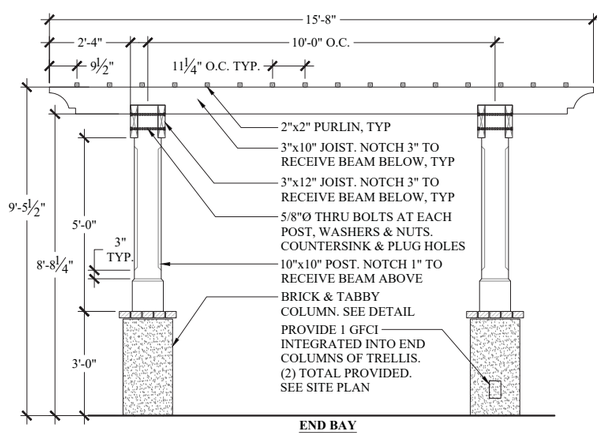
NOTES:
1. ALL ELECTRICAL CONDUIT TO BE INSTALLED SO AS TO APPEAR INTEGRATED INTO THE DESIGN AS MUCH AS POSSIBLE. ALL CONDUIT SHALL BE PAINTED TO MATCH THE COLOR OF THE MATERIAL IT IS INSTALLED AGAINST.



3"x12" BEAM END CUT
N.T.S.



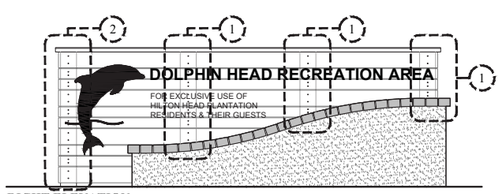
3"x10" JOIST END CUT
N.T.S.



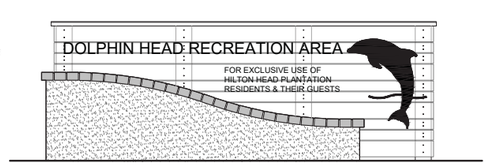
END BAY
SIDE ELEVATION

1 EVENT LAWN TRELLIS

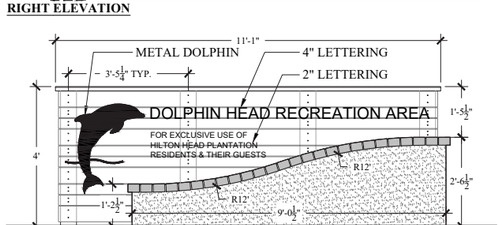
1/2" 1'-0"d



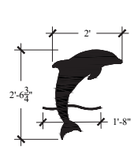
RIGHT ELEVATION



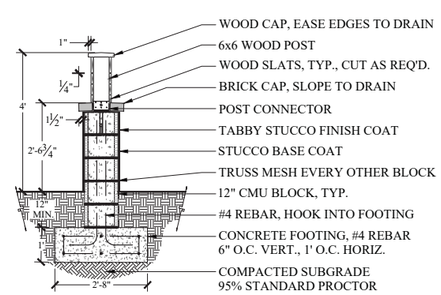
LEFT ELEVATION



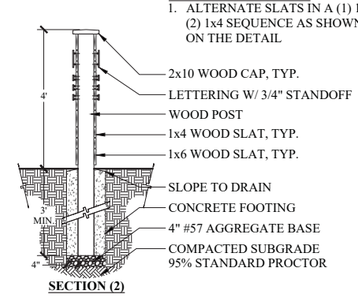
DIMENSIONED ELEVATION



DOLPHIN CUTOUT
CAD FILE CAN BE PROVIDED ON REQUEST



SECTION (1)



SECTION (2)

WOOD SLAT LAYOUT:
1. ALTERNATE SLATS IN A (1) 1x6, (2) 1x4 SEQUENCE AS SHOWN ON THE DETAIL

MATERIAL SELECTIONS:

- **WOOD POSTS & SLATS:**
  SPECIES: S.Y.P.
  TREATMENT: P.T. SELECT
  STAIN: S.W. 2851 LIGHT SAGE GREEN
- **BRICK SELECTION:**
  MNFR: OLD CAROLINA
  MODEL: OVERSIZE
  COLOR: SAVANNAH GRAY
- **METAL DOLPHIN:**
  SIZE: SEE DETAIL
  FINISH: POWDER COAT
  COLOR: BLACK
  MOUNTING: STUD PIN
- **LETTERING:**
  MNFR: GEMENI
  METAL: 3/8" ALUMINUM
  MODEL: FLAT CUT
  SIZE: SEE ELEVATION
  MOUNTING: STUD PIN
  COLOR: BLACK
  2" LETTER FONT: ARIAL
  4" LETTER FONT: ARIAL BOLD

GENERAL NOTES:
1. ALL FASTENERS SHALL BE S.S. UNLESS OTHERWISE NOTED.
2. ALL FASTENERS (SCREWS) USED ON WOOD SLATS SHALL BE COUNTER SUNK & PLUGGED
3. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF DOLPHIN CUT OUT FOR APPROVAL PRIOR TO FABRICATION.
4. BUST CMU BLOCK AS REQUIRED TO FIT THE SHAPE OF THE MASONRY SIGN BASE.
5. ALL REBAR SHALL BE DEFORMED & MAINTAIN A MIN. OF 3" FROM ALL CONCRETE FOOTING EDGES.
6. A 3'x3' MOCKUP SHALL BE PROVIDED OF TABBY STUCCO FOR APPROVAL.
7. ALL LETTERING SHALL BE MOUNTED PER MANUFACTURERS SPECIFICATIONS.

2 ENTRY I.D. SIGN

1/2" 1'-0"d

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Hilton Head Island, SC 29926

DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

PROFESSIONAL SEAL:

DRAWN BY: BH
CHECKED BY: KT

#	REVISION	DATE	BY

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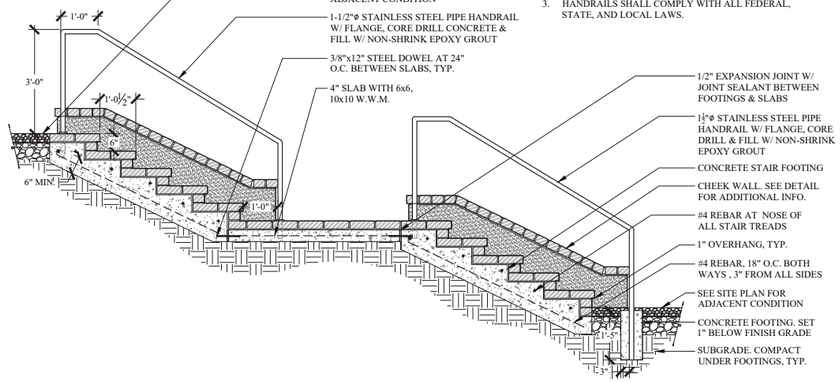
SHEET TITLE
Details

SHEET NUMBER
L-302



GENERAL NOTES:

1. SEE LAYOUT PLAN & GRADING PLAN TO VERIFY THE NUMBER OF RISERS REQUIRED.
2. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF HANDRAILS FOR APPROVAL PRIOR TO FABRICATION.
3. HANDRAILS SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS.

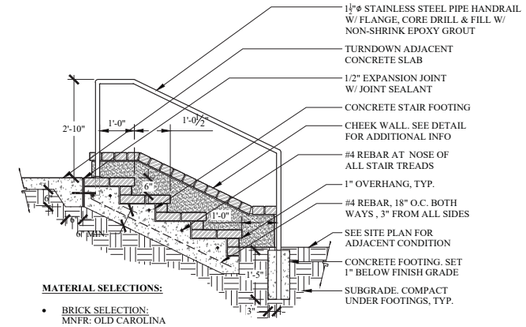
MATERIAL SELECTIONS:

- BRICK SELECTION:
  MNFR: OLD CAROLINA
  MODEL: OVERSIZE 000
  COLOR: SAVANNAH GRAY
- MORTAR:
  MNFR: ARGOS
  COLOR: SAVANNAH IVORY
- HANDRAIL SELECTION:
  MNFR: CUSTOM
  FINISH: POWDER COAT
  COLOR: DARK BRONZE
- CONCRETE:
  4,000 PSI AT 28 DAYS

1 STAIRS TYPE A

1/2" 1'-0"d

DH-45



MATERIAL SELECTIONS:

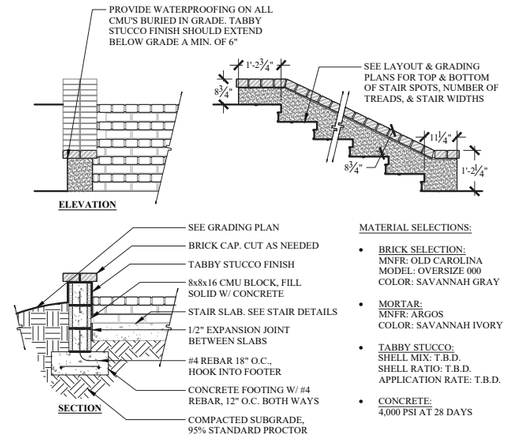
- BRICK SELECTION:
  MNFR: OLD CAROLINA
  MODEL: OVERSIZE 000
  COLOR: SAVANNAH GRAY
- HANDRAIL SELECTION:
  MNFR: CUSTOM
  FINISH: POWDER COAT
  COLOR: DARK BRONZE
- CONCRETE:
  4,000 PSI AT 28 DAYS

GENERAL NOTES:

1. SEE LAYOUT PLAN & GRADING PLAN TO VERIFY THE NUMBER OF RISERS REQUIRED.
2. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF HANDRAILS FOR APPROVAL PRIOR TO FABRICATION.

2 STAIRS TYPE B

1/2" 1'-0"d

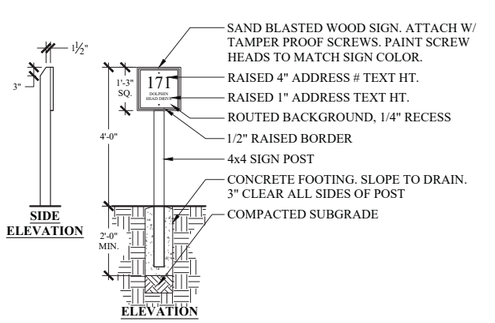


MATERIAL SELECTIONS:

- BRICK SELECTION:
  MNFR: OLD CAROLINA
  MODEL: OVERSIZE 000
  COLOR: SAVANNAH GRAY
- MORTAR:
  MNFR: ARGOS
  COLOR: SAVANNAH IVORY
- TABBY STUCCO:
  SHELL MIX: T.B.D.
  SHELL RATIO: T.B.D.
  APPLICATION RATE: T.B.D.
- CONCRETE:
  4,000 PSI AT 28 DAYS

3 CHEEK WALL

1/2" 1'-0"d

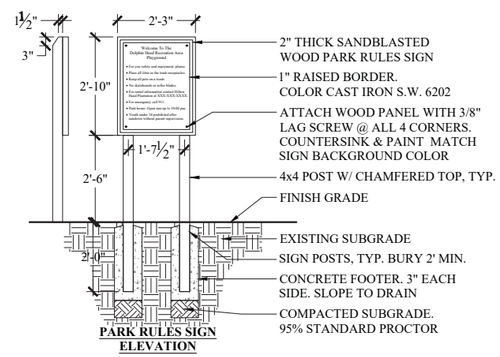


NOTES:

1. SEE SITE PLAN FOR SIGN LOCATIONS.
2. FINAL SIGN LAYOUT TO BE APPROVED BY CLIENT PRIOR TO INSTALL. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL SIGN PANELS.
3. POST COLOR: S.W. 2851 SAGE LIGHT GREEN
4. SIGN COLOR: S.W. 2851 SAGE LIGHT GREEN
5. RAISED BORDER COLOR: S.W. 6202 CAST IRON
6. LETTERING COLOR: WHITE

4 BUILDING I.D. SIGN

1/2" 1'-0"d



NOTES:

1. FINAL SIGN LAYOUT TO BE APPROVED BY THE CLIENT PRIOR TO INSTALL.
2. POST COLOR: S.W. 2851 SAGE LIGHT GREEN
3. SIGN BACKGROUND: S.W. 2851 SAGE LIGHT GREEN
4. SIGN TITLE FONT: TIMES NEW ROMAN, 1" HT., COLOR WHITE
5. INDIVIDUAL RULES FONT: TIMES NEW ROMAN, 7/8", COLOR WHITE

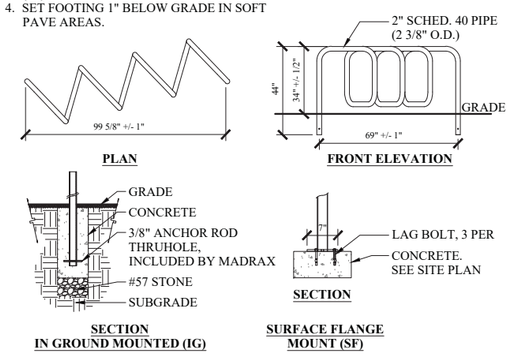
5 PLAYGROUND RULES SIGN

1/2" 1'-0"d

NOTES:

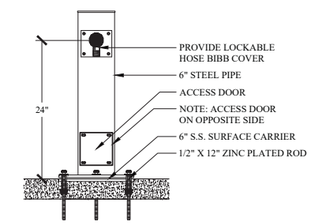
1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. SEE SITE PLAN FOR LOCATIONS.
3. SOFT PAVE AREAS TO BE (IG) MOUNTED, (SF) ON CONC. AREAS.
4. SET FOOTING 1" BELOW GRADE IN SOFT PAVE AREAS.

FURNISHING INFO:
MNFR: MADRAX
MODEL: GENESIS
CAPACITY: 8
FINISH: POWDER COAT
COLOR: BLACK



6 BIKE RACK

1/2" 1'-0"d



PRODUCT SELECTION:

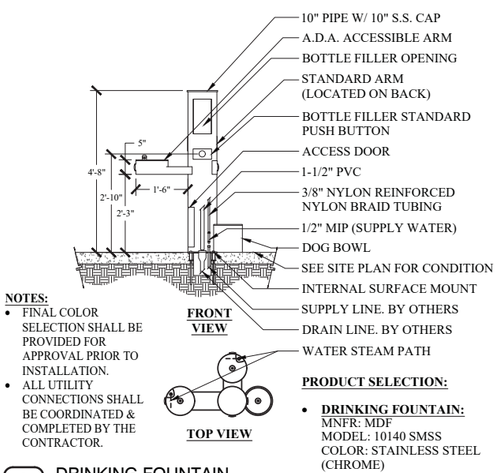
- **DRINKING FOUNTAIN:**
  MNFR: MDF
  MODEL: 24 SMSS
  COLOR: STAINLESS STEEL (CHROME)
  ACCESSORIES: LOCKING COVER & S.S. SURFACE CARRIER

NOTES:

- FINAL COLOR SELECTION SHALL BE PROVIDED FOR APPROVAL PRIOR TO INSTALLATION.
- ALL UTILITY CONNECTIONS SHALL BE COORDINATED & COMPLETED BY THE CONTRACTOR.

7 HOSE BIBB

1/2" 1'-0"d



NOTES:

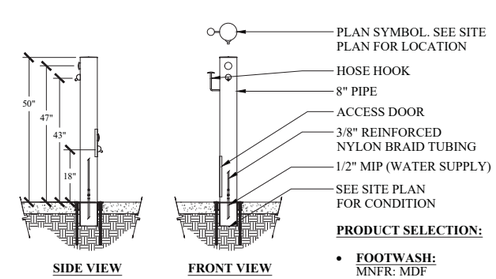
- FINAL COLOR SELECTION SHALL BE PROVIDED FOR APPROVAL PRIOR TO INSTALLATION.
- ALL UTILITY CONNECTIONS SHALL BE COORDINATED & COMPLETED BY THE CONTRACTOR.

PRODUCT SELECTION:

- **DRINKING FOUNTAIN:**
  MNFR: MDF
  MODEL: 10140 SMSS
  COLOR: STAINLESS STEEL (CHROME)

8 DRINKING FOUNTAIN

1/2" 1'-0"d



NOTES:

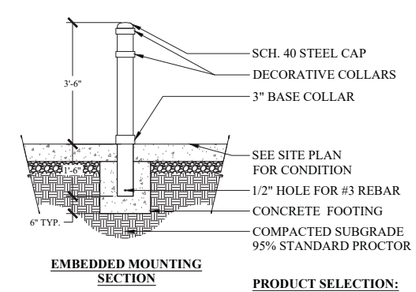
- FINAL COLOR SELECTION SHALL BE PROVIDED FOR APPROVAL PRIOR TO INSTALLATION.
- ALL UTILITY CONNECTIONS SHALL BE COORDINATED & COMPLETED BY THE CONTRACTOR.
- METERED HOSE BIBB (RUN TIME 30-45 SECONDS).
- HOSE HOOK/ LEASH HOOK INCLUDED.
- CONTRACTOR TO PROVIDE 25' HEAVY DUTY KINK FREE STAINLESS STEEL POTABLE WATER HOSE.

PRODUCT SELECTION:

- **FOOTWASH:**
  MNFR: MDF
  MODEL: 505 SMSS
  COLOR: STAINLESS STEEL (CHROME)

9 FOOTWASH

1/2" 1'-0"d

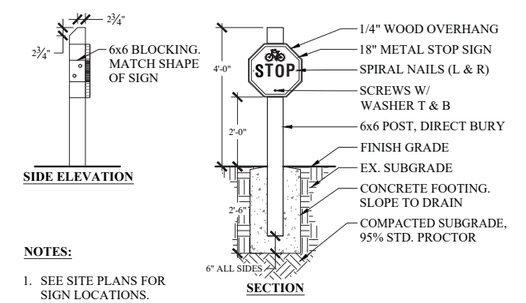


PRODUCT SELECTION:

- **BOLLARD:**
  MNFR: TOURNESOL
  MODEL: B3 EMBED
  MODEL #: B-0320-40-4206
  FINISH: POWDER COAT
  COLOR: BLACK

10 VEHICULAR BOLLARD

1/2" 1'-0"d



NOTES:

1. SEE SITE PLANS FOR SIGN LOCATIONS.
2. CONTRACTOR TO PAINT ALL WOOD ELEMENTS OF THE SIGN WITH A MINIMUM OF TWO COATS. MORE COATS MAY BE NECESSARY TO ENSURE FULL COVERAGE.
3. ALL HARDWARE TO BE STAINLESS STEEL.

MATERIAL SELECTIONS:

- **WOOD:**
  SPECIES: P.T. S.Y.P #1 GRADE
  PAINT COLOR: LIGHT SAGE GREEN S.W. 2851
  APPLICATION: 1 COAT PRIMER, 2 COATS PAINT
- **SIGN:**
  ALUMINUM SIGN SHALL BE REFLECTIVE. SUBMIT FOR APPROVAL.

11 BICYCLE STOP SIGN

1/2" 1'-0"d

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DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
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CHECKED BY: KT

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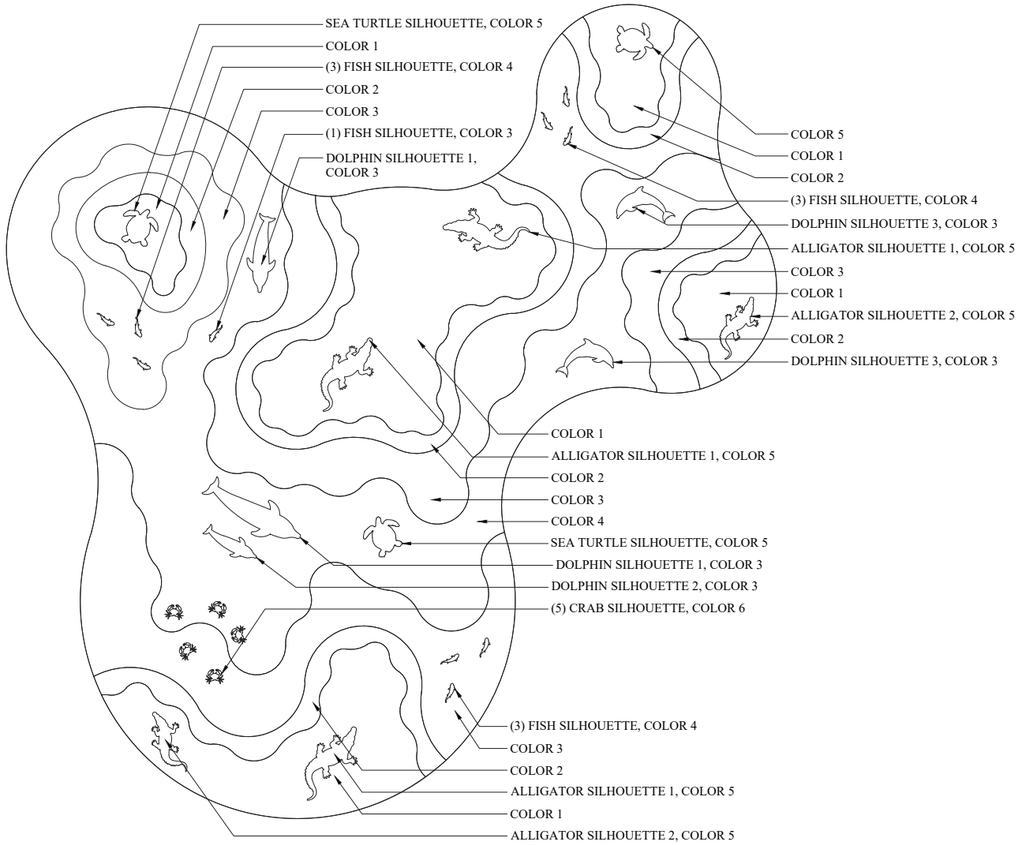
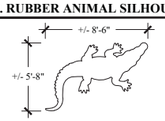
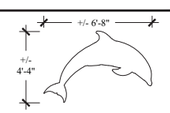
SHEET NUMBER
L-303



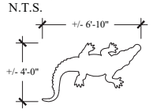
P.I.P. RUBBER ANIMAL SILHOUETTES



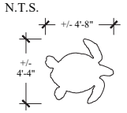
ALLIGATOR SILHOUETTE 1
(QTY:3)
N.T.S.



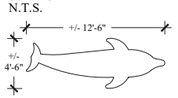
DOLPHIN SILHOUETTE 3
(QTY:2)
N.T.S.



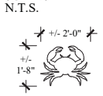
ALLIGATOR SILHOUETTE 2
(QTY:2)
N.T.S.



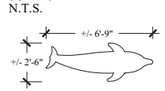
SEA TURTLE SILHOUETTE
(QTY:3)
N.T.S.



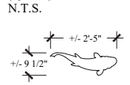
DOLPHIN SILHOUETTE 1
(QTY:2)
N.T.S.



CRAB SILHOUETTE
(QTY:5)
N.T.S.



DOLPHIN SILHOUETTE 2
(QTY:1)
N.T.S.



FISH SILHOUETTE
(QTY:10)
N.T.S.

P.I.P. RUBBER COLOR SELECTIONS

P.I.P. RUBBER COLOR 1
MNFR: MELOS
COLOR(S): MAY GREEN/ RESEDA GREEN / RAINBOW GREEN
BLEND: 50/25/25

P.I.P. RUBBER COLOR 2
MNFR: MELOS
COLOR(S): EGGSHELL/ BEIGE
BLEND: 70/30

P.I.P. RUBBER COLOR 3
MNFR: MELOS
COLOR(S): SKY BLUE / TEAL / EGGSHELL
BLEND: 50/25/25

P.I.P. RUBBER COLOR 4
MNFR: MELOS.
COLOR(S): RAINBOW BLUE / SKY BLUE / TEAL
BLEND: 50/25/25

P.I.P. RUBBER COLOR 5
MNFR: MELOS
COLOR(S): SIGNAL GREEN / RAINBOW GREEN
BLEND: 50/50

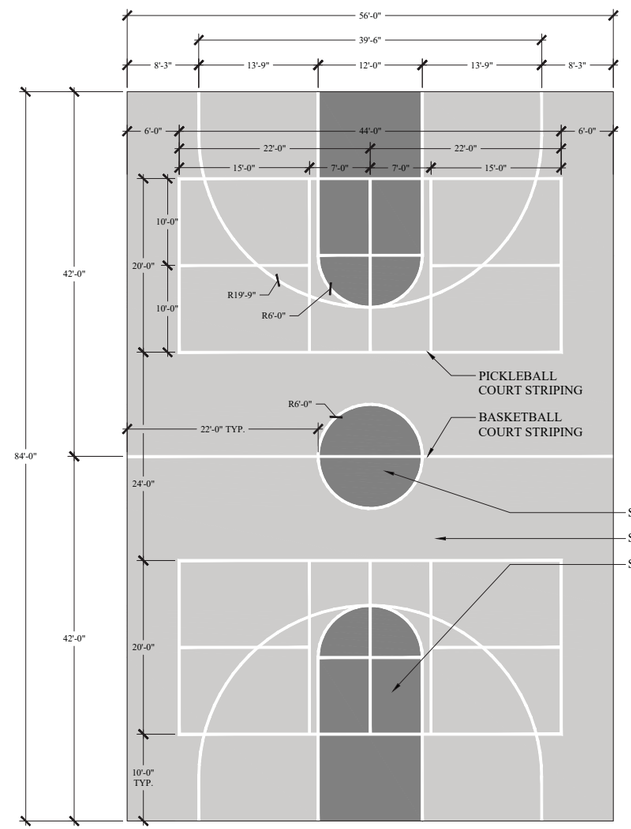
P.I.P. RUBBER COLOR 6
MNFR: MELOS
COLOR(S): BROWN / BEIGE
BLEND: 50/50

P.I.P. LAYOUT NOTES

ON SITE MOCKUP TO BE PRODUCED FOR APPROVAL. SEE MOCKUP DETAIL 2 / L-300A FOR LAYOUT INFORMATION.

1 SAFETY SURFACING LAYOUT
1/8" 1'-0"d

SPORTS COURT LAYOUT



SPORTS COURT COLOR SELECTIONS

SPORTS COURT COLOR 1
MNFR: NOVA SPORTS
MODEL: NOVAPLAY FOR PICKLEBALL
COLOR(S): GRASS GREEN

SPORTS COURT COLOR 2
MNFR: NOVA SPORTS
MODEL: NOVAPLAY FOR PICKLEBALL
COLOR: STADIUM BLUE

SPORTS COURT STRIPING
MNFR: NOVA SPORTS
MODEL: NOVATEX
COLOR: WHITE

SPORTS COURT EQUIPMENT SELECTIONS

- **BASKETBALL GOAL:**
  MNFR: BISON
  MODEL: BA873U W/ POLE & BACKBOARD PADDING
  COLOR: BLACK
  NOTE: CONTRACTOR TO PROVIDE CONCRETE FOOTING AS REQUIRED FOR BASKETBALL GOAL POST.

SPORTS COURT LAYOUT NOTES

1. ALL COURT MARKINGS SHALL BE WHITE 2" WIDE STRIPING UNLESS NOTED OTHERWISE.
2. SEE PLAN ABOVE FOR PROPOSED COLORS. CONTRACTOR SHALL SUBMIT SAMPLES OF COURT COLORS & LINE MARKINGS FOR OWNER APPROVAL IN ADVANCE OF INSTALLATION.
3. CONTRACTOR TO ENSURE POSITIVE DRAINAGE OF COURT; SEE SUPPLEMENTAL GRADING AND CIVIL PLANS FOR MORE INFORMATION.

2 SPORTS COURT LAYOUT
1/8" 1'-0"d

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DESIGN DEVELOPMENT: NOT FOR CONSTRUCTION

DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

PROFESSIONAL SEAL:

DRAWN BY:
BH
CHECKED BY:
KT

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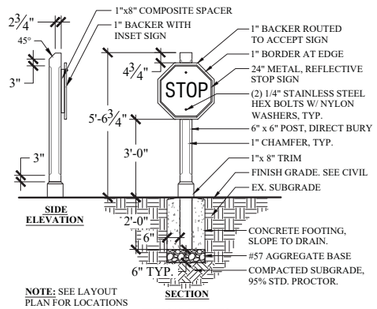
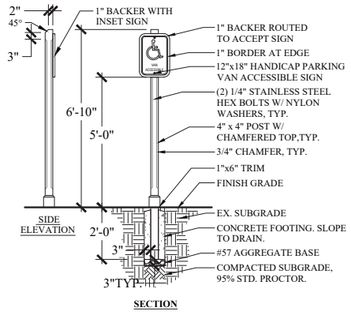


NOTE: SEE LAYOUT PLAN FOR LOCATIONS AND SIGN TYPE CALLOUTS.

TYPICAL TRAFFIC CONTROL SIGN DETAIL

TRAFFIC SIGN MATERIAL SELECTIONS:

- **WOOD POST:**
  SPECIES: MARINE GRADE P.T. S.Y.P.
  PAINT COLOR: BEHR N210-7 HAVANA COFFEE
  APPLICATION: 2 COATS
- **SIGN:**
  MODEL: R1-1-24EG
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.
- **COMPOSITE MATERIAL:**
  MNFR: JELD-WEN
  MODEL: EXTIRA
  COLOR: BEHR N210-7 HAVANA COFFEE
  THICKNESS: 1"
  NOTE: ROUTE PANEL TO RECEIVE METAL TRAFFIC SIGN. MAINTAIN 1" ORDER AT EXTERIOR.



A.D.A PARKING SIGN DETAIL

A.D.A PARKING SIGN MATERIAL SELECTIONS:

- **WOOD POST:**
  SPECIES: MARINE GRADE P.T. S.Y.P.
  PAINT COLOR: BEHR N210-7 HAVANA COFFEE
  APPLICATION: 2 COATS
- **SIGN:**
  MODEL: R7-128van-1218EG
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.
- **COMPOSITE MATERIAL:**
  MNFR: JELD-WEN
  MODEL: EXTIRA
  COLOR: BEHR N210-7 HAVANA COFFEE
  THICKNESS: 1"
  NOTE: ROUTE PANEL TO RECEIVE METAL TRAFFIC SIGN. MAINTAIN 1" ORDER AT EXTERIOR.

NOTES:

1. SEE SITE PLANS FOR SIGN LOCATIONS.
2. CONTRACTOR TO PAINT ALL WOOD AND COMPOSITE ELEMENTS OF THE SIGN WITH A MINIMUM OF TWO COATS. MORE COATS MAY BE NECESSARY TO ENSURE FULL COVERAGE.
3. ALL WOOD POSTS SHALL BE FREE OF WARPING, AND MAJOR CHECKING.
4. ALL HARDWARE TO BE STAINLESS STEEL.
5. CONTRACTOR TO SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.

TRAFFIC SIGN MATERIAL SELECTIONS:

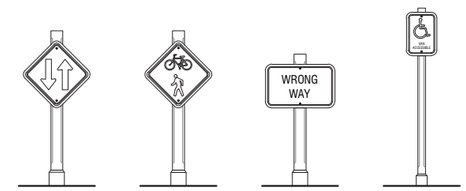
- **ONE WAY SIGN:**
  MODEL: R6-2-1218EG (12" x 18")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.
- **ONE WAY DO NOT ENTER SIGN:**
  MODEL: R5-1m (12" x 18")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.
- **DO NOT ENTER SIGN:**
  MODEL: R5-1-24EG
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.
- **TWO-WAY TRAFFIC SIGN:**
  MODEL: W6-3-18EG (30" x 30")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.
- **PEDESTRIAN CROSSING SIGN**:
  MODEL: W11-15-18EG (30" x 30")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.
- **WRONG WAY SIGN:**
  MODEL: R5-1a-3018EG (30" x 18")
  ALUMINUM SIGN SHALL HAVE A HIGH INTENSITY PRISMATIC REFLECTIVITY.

LAYOUT 1 SEE TYPICAL TRAFFIC CONTROL SIGN DETAIL FOR INSTALLATION REQUIREMENTS

LAYOUT 2 SEE TYPICAL TRAFFIC CONTROL SIGN DETAIL FOR INSTALLATION REQUIREMENTS

LAYOUT 3A SEE TYPICAL TRAFFIC CONTROL SIGN DETAIL FOR INSTALLATION REQUIREMENTS

LAYOUT 3B SEE TYPICAL TRAFFIC CONTROL SIGN DETAIL FOR INSTALLATION REQUIREMENTS



LAYOUT 4 SEE TYPICAL TRAFFIC CONTROL SIGN DETAIL FOR INSTALLATION REQUIREMENTS

LAYOUT 5 SEE TYPICAL TRAFFIC CONTROL SIGN DETAIL FOR INSTALLATION REQUIREMENTS

LAYOUT 6 SEE TYPICAL TRAFFIC CONTROL SIGN DETAIL FOR INSTALLATION REQUIREMENTS

LAYOUT 7 SEE A.D.A PARKING SIGN DETAIL FOR INSTALLATION REQUIREMENTS

1 TRAFFIC CONTROL SIGNS
3/8" 1'-0"d

DESIGN DEVELOPMENT: NOT FOR CONSTRUCTION

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DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

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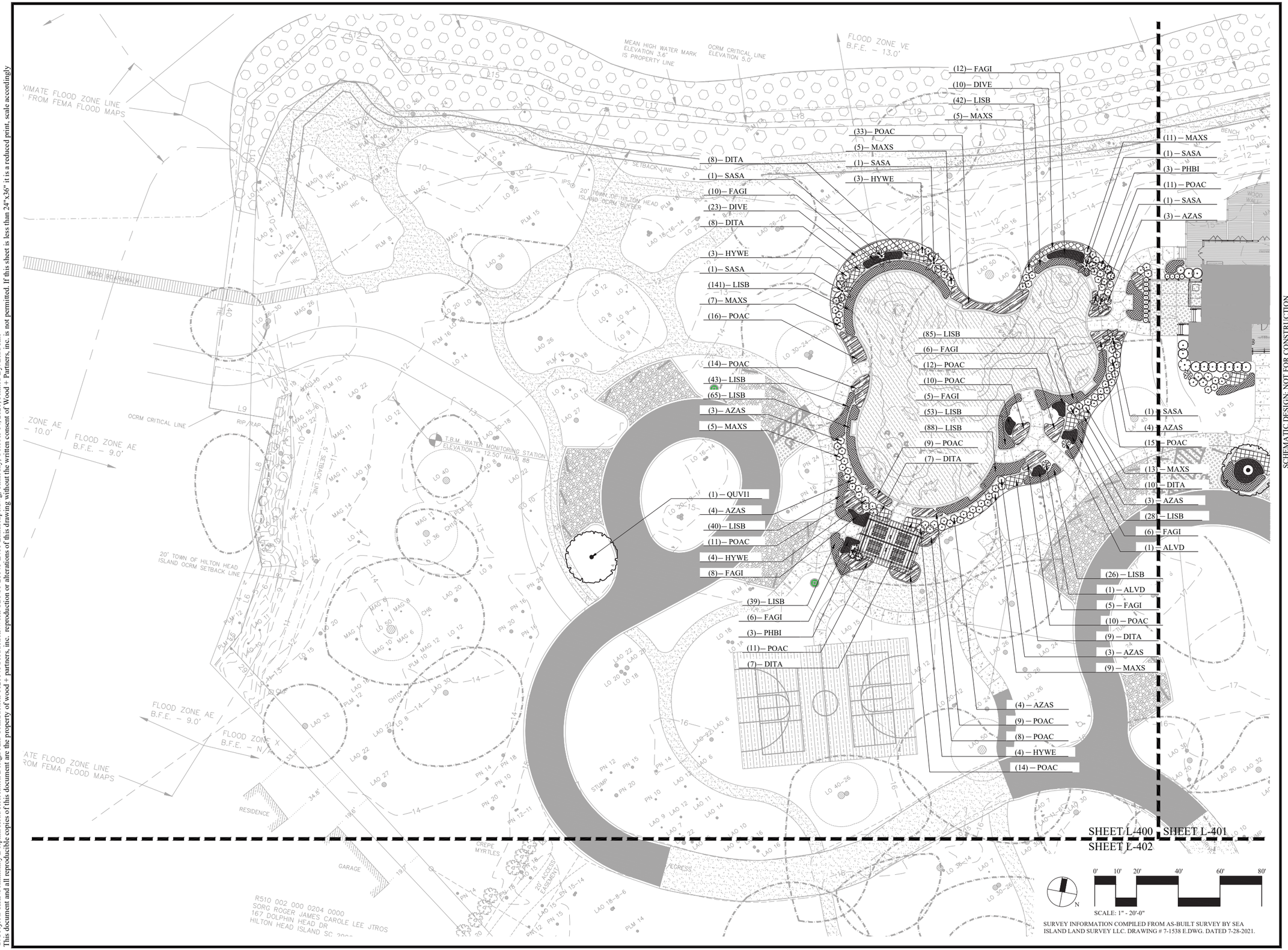

SURVEY INFORMATION COMPILED FROM AS-BUILT SURVEY BY SEA ISLAND LAND SURVEY LLC. DRAWING # 7-1538 E.DWG. DATED 7-28-2021.

SCHEMATIC DESIGN: NOT FOR CONSTRUCTION

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Landscape Plan

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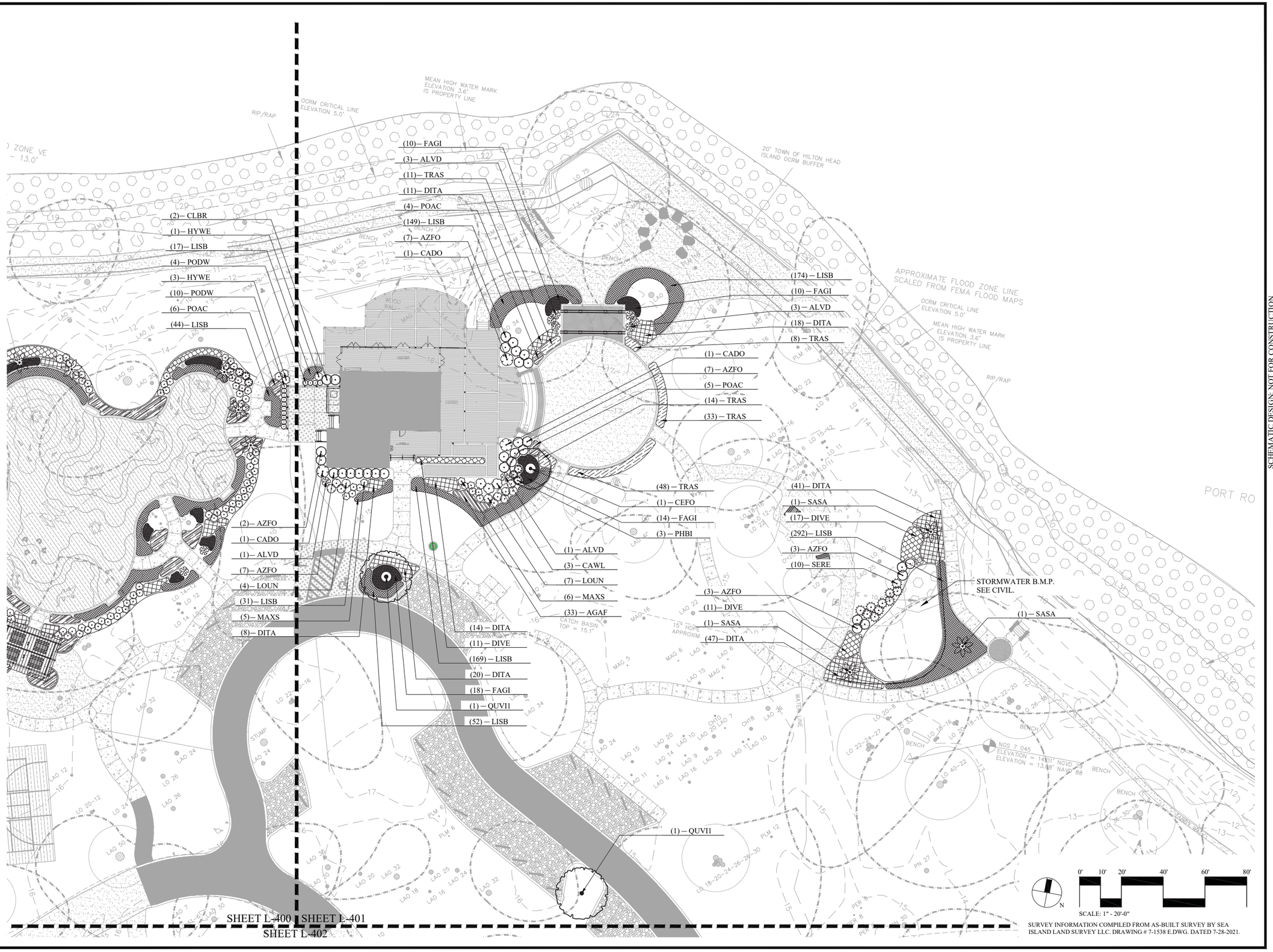

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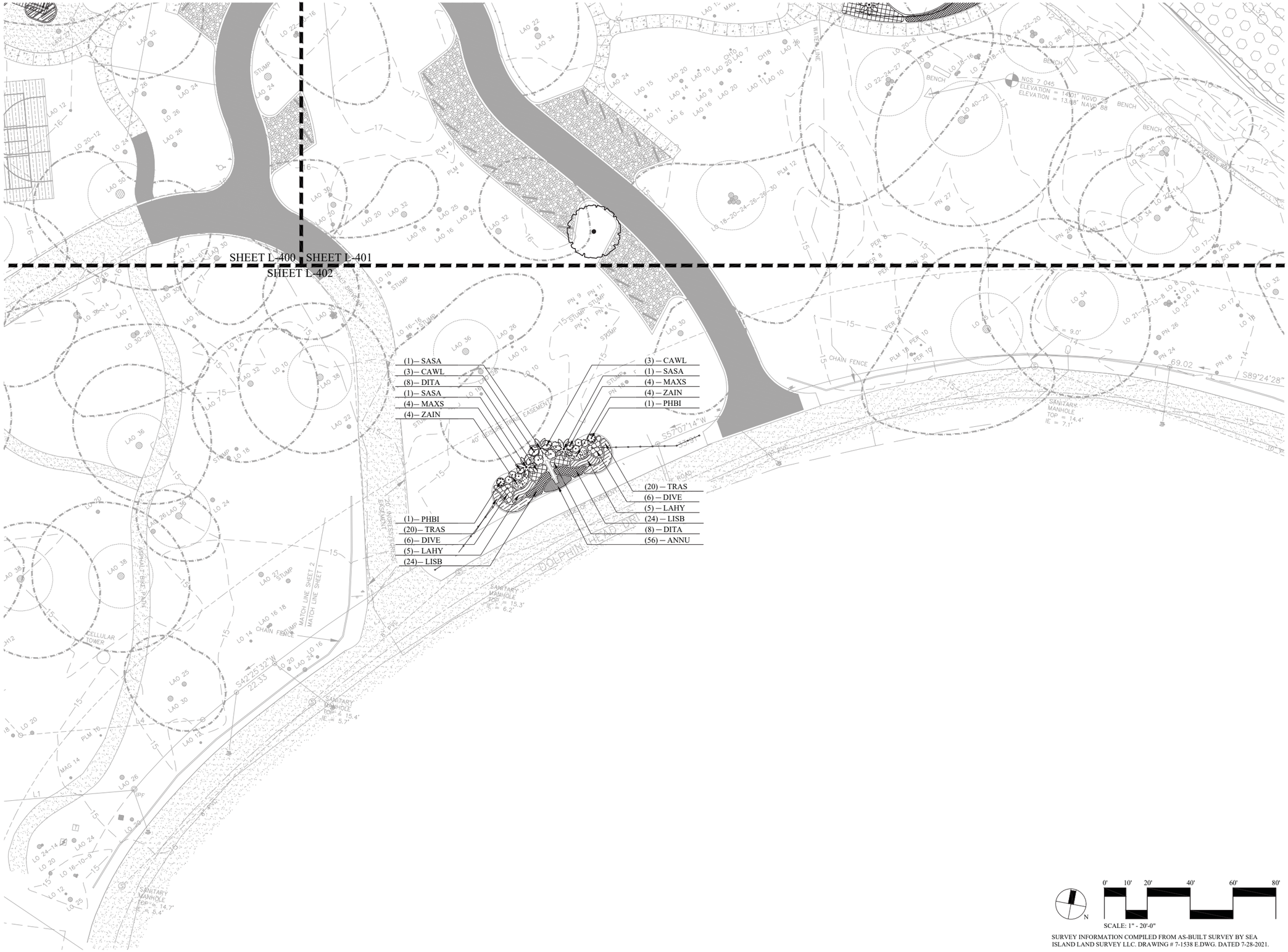
SHEET TITLE
Landscape Plan

SHEET NUMBER
L-401



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

SCALE: 1" - 20'-0"

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SHEET TITLE

Landscape Plan

SHEET NUMBER
L-402

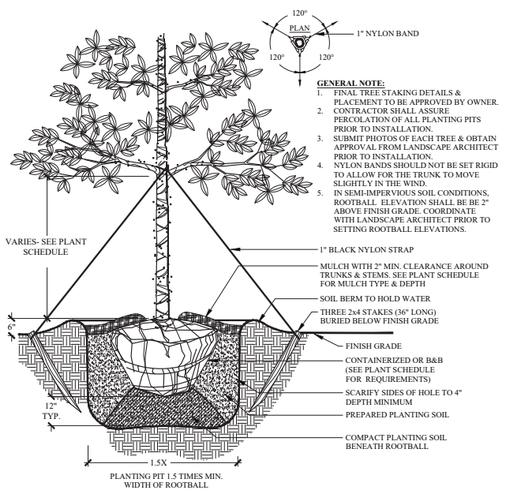
PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	HEIGHT	SPREAD	REMARKS
CEFO	1	Cercis canadensis `Forest Pansy`	Forest Pansy Eastern Redbud	B&B or Cont.	1.5"Cal				Strong central leader
QUVI1	3	Quercus virginiana	Southern Live Oak	B&B	6"Cal		16`-18`	6` - 8`	Strong central leader
SASA	12	Sabal palmetto	Cabbage Palmetto	B & B OR CONT.			16`-18`	5` - 7`	16' C.T, Matched / Refoliated

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HEIGHT	SPREAD	FIELD4	REMARKS
ALVD	10	Alpinia zerumbet 'Variegata Dwarf'	Dwarf Variegated Ginger	3 gal	24"-30"	18" - 24"		Full in pot
AZAS	24	Azalea encore 'Autumn Sweetheart' TM	Autumn Sweetheartt Encore Azalea	3 gal	16" - 18"	14" - 16"		Full in pot
AZFO	29	Azalea indica `Formosa`	Formosa Indica Azalea	7 gal	18" - 24"	24" - 30"		Full in pot
CAWL	9	Camellia sasanqua 'Shishigashira'	Shi-Shi Camelia	7 gal	16" - 24"	12" - 18"		Full in pot with protection
CADO	3	Camellia sasanqua 'White Doves'	White Doves Camellia	15 gal	30" - 36"	24" - 30"		Full in pot
CLBR	2	Cleyera japonica 'Bronze Beauty'	Bronze Beauty Cleyera	7 gal	24"-30"	18"-20"		Full in pot
HYWE	18	Hydrangea quercifolia 'Pee Wee'	Pee Wee Oakleaf Hydrangea	7 gal	24" - 36"	24"-36"		Full in pot
LOUN	11	Loropetalum chinense rubrum `PIILC-III` TM	Purple Daydream Dwarf Loropetalum	3 gal	8"-12"	12" - 18"		Full in pot
MAXS	74	Mahonia x 'Soft Caress'	Soft Caress Mahonia	3 gal	12"-18"	12"-18"		Full in pot
PHBI	11	Philodendron bipinnatifidum	Split Leaf Philodendron	3 gal	18" - 24"	18" - 24"		Full in pot
PODW	14	Podocarpus macrophyllus `Dwarf Pringles`	Dwarf Podocarpus	7 gal	16" - 18"	20" - 24"		Full in pot
SERE	10	Serenoa repens	Saw Palmetto	3 gal	18" - 24"	18" - 24"		Full in pot

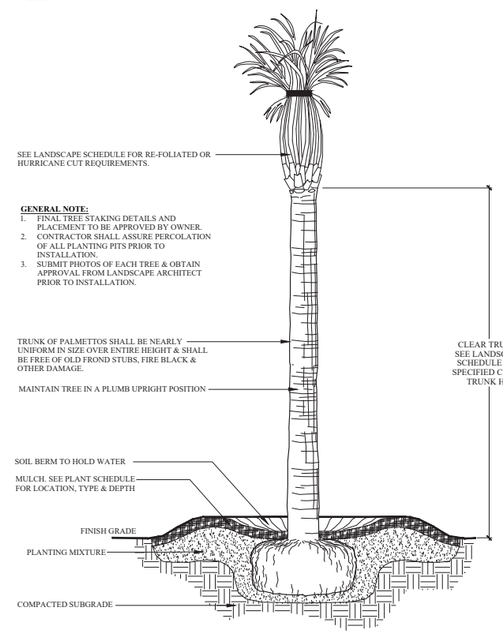
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HEIGHT	SPREAD		REMARKS
AGAF	33	Agapanthus africanus	African Lily	1 gal	8" - 12"	10"-12"	18" o.c.	Full in pot
ANNU	56	Annuals	Annuals	6" PT			12" o.c.	Selected by owners rep.
DITA	224	Dianella tasmanica 'Blueberry'	Blueberry Flax Lily	1 gal	12" - 18"	10"-12"	30" o.c.	Full in pot
DIVE	84	Dietes vegeta	African Iris	1 gal	8"-12"	8"-12"	36" o.c.	Full in pot
FAGI	110	Farfugium japonicum 'Giganteum'	Giant Leopard Plant	1 gal	10"-12"	10"-12"	30" o.c.	Full in pot
LAHY	10	Lantana x `New Gold`	New Gold Lantana	1 gal	8" - 12"	12" - 18"	36" o.c.	Full in pot
LISB	1,626	Liriope muscari 'Super Blue'	Super Blue Lilyturf	1 gal	14" - 16"	16" - 18"	18" o.c.	Full in pot.
POAC	198	Polystichum acrostichoides	Christmas Fern	1 gal	8" - 12"	8"-12"	30" o.c.	Full in pot.
TRAS	154	Trachelospermum asiaticum	Asiatic Jasmine	1 gal	6"-8"	6"-8"	24" o.c.	Full in pot
ZAIN	8	Zamia integrifolia	Coontie	3 gal	18" - 24"	12" - 18"	36" o.c.	Full in pot

MULCH	QTY	BOTANICAL NAME	COMMON NAME	CONT	HEIGHT	SPREAD	REMARKS
HWMULCH	5,220 sf	Hardwood Mulch	Hardwood Mulch	N/A			Double ground, 4" depth min.
PSMULCH	12,020 sf	Pinestraw Mulch	Pinestraw Mulch	Bale			4" Depth min.



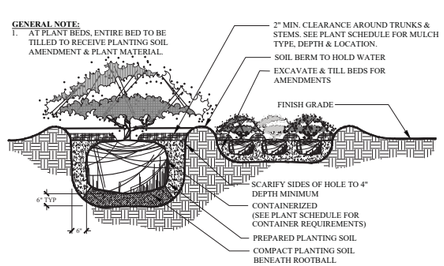
GENERAL NOTE:
1. FINAL TREE STAKING DETAILS & PLACEMENT TO BE APPROVED BY OWNER.
2. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
3. SUBMIT PHOTOS OF EACH TREE & OBTAIN APPROVAL FROM LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
4. NYLON BANDS SHOULD NOT BE SET RIGID TO ALLOW FOR THE TRUNK TO MOVE SLIGHTLY IN THE WIND.
5. IN SEMI-IMPERVIOUS SOIL CONDITIONS, ROOTBALL ELEVATION SHALL BE BE 2" ABOVE FINISH GRADE. COORDINATE WITH LANDSCAPE ARCHITECT PRIOR TO SETTING ROOTBALL ELEVATIONS.

1 TREE PLANTING
SCALE: N.T.S.



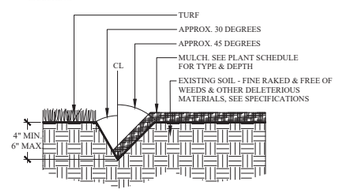
GENERAL NOTE:
1. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.
2. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
3. SUBMIT PHOTOS OF EACH TREE & OBTAIN APPROVAL FROM LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

2 PALM PLANTING
SCALE: N.T.S.



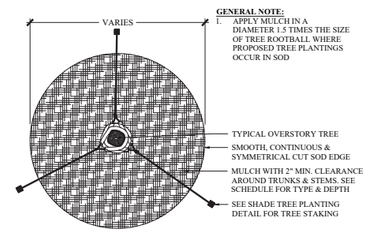
GENERAL NOTE:
1. AT PLANT BEDS, ENTIRE BED TO BE TILLED TO RECEIVE PLANTING SOIL AMENDMENT & PLANT MATERIAL.

3 SHRUB & GROUNDCOVER PLANTING
SCALE: N.T.S.



GENERAL NOTE:
1. EXCAVATE TRENCH BY HAND WITH SPADE
2. ADD EXCESS SOIL TO ADJACENT PLANT BED AFTER PULLING BACK EXISTING MULCH, RAKE SOIL & SMOOTH BEFORE MULCHING

4 TRENCHED EDGE
SCALE: N.T.S.



GENERAL NOTE:
1. APPLY MULCH IN A DIAMETER 1.5 TIMES THE SIZE OF TREE ROOTBALL WHERE PROPOSED TREE PLANTINGS OCCUR IN SOD

5 TREE PLANTING
SCALE: N.T.S.

LANDSCAPE NOTES:

1. THE LANDSCAPE ARCHITECT SHALL APPROVE ALL PLANT SUBSTITUTIONS PRIOR TO PURCHASE OR INSTALLATION.
2. THE PLANT SCHEDULE INCLUDED IN THIS DRAWING WAS PREPARED FOR ESTIMATING PURPOSES & FOR THE CONTRACTORS CONVENIENCE ONLY, AND ITS ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL PERFORM HIS OR HER OWN QUANTITY TAKE-OFFS USING THE DRAWINGS TO DETERMINE THE QUANTITIES TO HIS OR HER SATISFACTION. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT PRIOR TO SUBMITTING A FINAL BID.
3. CONTRACTOR SHALL WARRANTY ALL EXTERIOR PLANTS FOR ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION, AGAINST DEFECTS INCLUDING BUT NOT LIMITED TO DEATH AND UNSATISFACTORY GROWTH. DEFECTS ASSOCIATED WITH A LACK OF ADEQUATE MAINTENANCE, NEGLECT, OR ABUSE BY THE OWNER OR INCIDENTS THAT ARE BEYOND CONTRACTOR'S CONTROL WILL NOT BE COVERED BY THE ONE-YEAR WARRANTY.
4. THE CONTRACTOR SHALL VERIFY THAT ALL SELECTED PLANT SPECIES ARE DETERMINED AVAILABLE AT THEIR SPECIFIED SIZES WHEN THE TIME OF BIDDING. THE CONTRACTOR SHALL NOT MAKE PLANT SUBSTITUTIONS. IF THERE ARE DIFFICULTIES LOCATING PLANT MATERIAL AS SPECIFIED, CONTACT THE LANDSCAPE ARCHITECT PRIOR TO SUBMITTING THE BID.
5. ALL PLANT MATERIAL SHALL HAVE A WELL FORMED HEAD WITH THE MINIMUM CALIPER, HEIGHT, SPREAD AS SHOWN IN THE PLANT SCHEDULE. TRUNKS SHALL BE UNDAMAGED AND SHAPE SHALL BE TYPICAL OF THE SPECIES.
6. ALL PLANT MATERIAL SHALL BE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE BEFORE, DURING AND AFTER INSTALLATION.
7. ALL PLANTING TECHNIQUES SHALL CONFORM TO APPROVED INDUSTRY STANDARDS.
8. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE TO ESTABLISH A PLANTING SCHEDULE THAT PRIORITIZES THE PLANTING OF ALL TREES AND LAWN AREAS.
9. ALL PLANT BEDS SHALL BE MULCHED WITH DOUBLE GROUND HARDWOOD MULCH TO A DEPTH OF 4".
10. ALL PLANT BEDS SHALL RECEIVE A WEED INHIBITOR APPLICATION AT INSTALLATION.
11. ALL LANDSCAPE MATERIAL SHALL BE CORRECTLY LAID OUT AND INSTALLED PER THE PLANS. THE CONTRACTOR IS RESPONSIBLE BY ANY MEANS (SURVEY, STAKING, ETC.) TO INSURE THE CORRECT PLANT LAYOUT AND MAY SEEK THE LANDSCAPE ARCHITECTS APPROVAL FOR LANDSCAPE MATERIAL LAYOUTS PRIOR TO INSTALLATION. THE CONTRACTOR SHALL COORDINATE WITH THE LANDSCAPE ARCHITECT FOR THESE APPROVALS AND SHALL HAVE ALL REQUIRED PLANT MATERIAL PLACED IN THEIR PROPOSED LOCATIONS PRIOR TO THE LANDSCAPE ARCHITECTS ON-SITE APPROVAL. ALL PLANT MATERIAL PLACEMENT IS SUBJECT TO RE-PLACEMENT AND LAYOUT PER THE LANDSCAPE ARCHITECTS DISCRETION IF THE LAYOUT DOES NOT FOLLOW THE PLANS.
12. THE LANDSCAPE CONTRACTOR SHALL LEAVE ALL PLANT IDENTIFICATION HANGTAG'S ON EACH PLANT UNTIL FINAL APPROVAL HAS BEEN GRANTED PER THE LANDSCAPE ARCHITECTS FINAL PUNCH / FIELD REPORT. ONCE THE FINAL APPROVAL IS OBTAINED, THE HANGTAG'S MAY BE REMOVED.

IRRIGATION NOTES:

1. CONTRACTOR TO SUPPLY AUTOMATIC IRRIGATION SYSTEM, COMPLETE AND INSTALLED. SYSTEM SHALL INCLUDE ALL VALVES, PIPES, HEADS, FITTINGS, BACK-FLOW, & CONTROLLERS. THE INSTALLED SYSTEM SHALL PROVIDE 100% COVERAGE OF ALL SOD, HYDRO-SEED AND PLANTING BEDS.

GRADING NOTES:

1. CONTRACTOR TO PERFORM FINE GRADING WITHIN ALL TURF AND PLANT BEDS. FINE GRADING SHALL CONSIST OF A HAND RAKED, SMOOTH SOIL FREE OF ROCKS, ROOTS, AND DEBRIS.

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE THAT MAY OCCUR TO EXISTING UTILITIES.
2. CONTRACTOR IS RESPONSIBLE FOR INSPECTION OF EXISTING CONDITIONS AND PROMPTLY REPORTING ANY DISCREPANCIES. CONTRACTOR TO PERFORM SOIL TESTS AS SPECIFIED.
3. NOTIFY LANDSCAPE ARCHITECT OF ANY SITE CONDITIONS WHICH MAY NECESSITATE A MODIFICATION TO THE PLANS. LANDSCAPE ARCHITECT SHALL, IF NECESSARY, MAKE "IN-FIELD MODIFICATIONS".
4. ANY DEVIATION FROM THESE PLANS MUST BE SPECIFICALLY APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.

N

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

SCALE: 1" - 20'-0"

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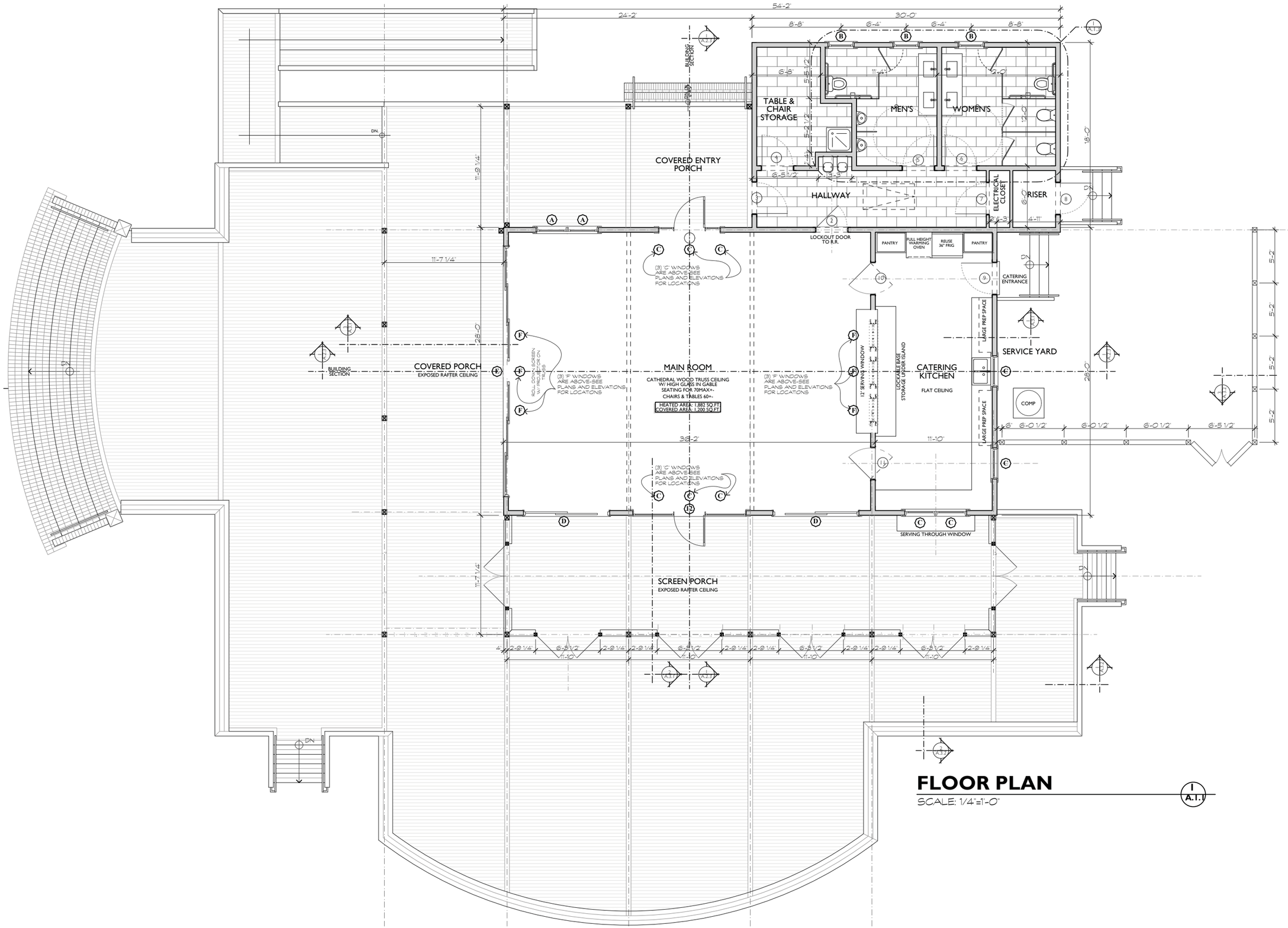
10-5-2021
PROJECT NUMBER
01-20046
SHEET TITLE
Plant Schedule & Details

SHEET NUMBER
L-403



FLOOR PLAN

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

A.1.1

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843.785.5171 POST OFFICE BOX 5010 HILTON HEAD ISLAND SC 29938

A NEW COMMUNITY BUILDING FOR:

DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION

REVISIONS	DATE

DRAWN BY: TP

CHECKED BY:

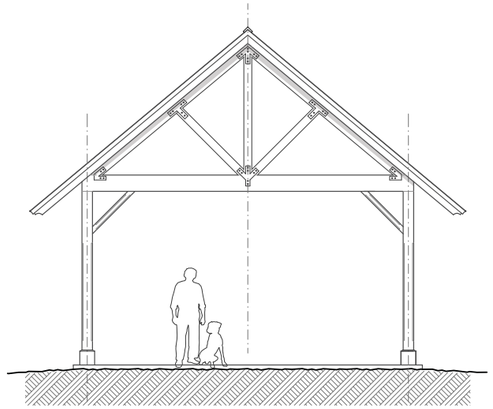
DATE OF ISSUE: 10/13/2021

SCALE:

JOB NO. 2001

SHEET **A.1.1**

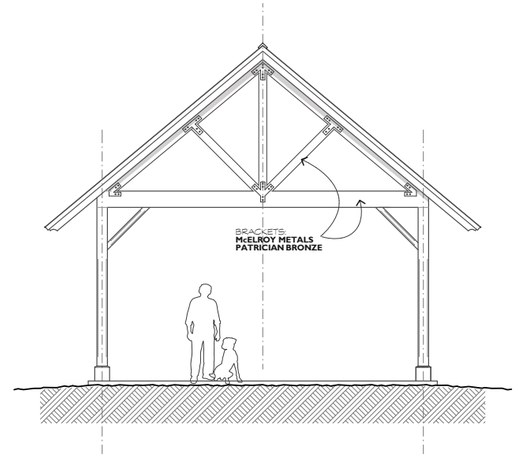
OF SHEETS



ENTRY ELEVATION

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

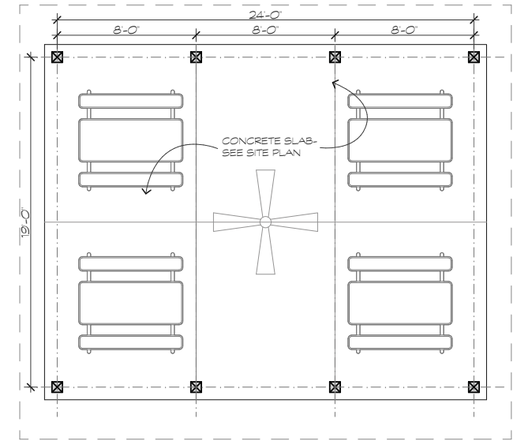
6
A.1.1.a



PARKING LOT ELEVATION

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

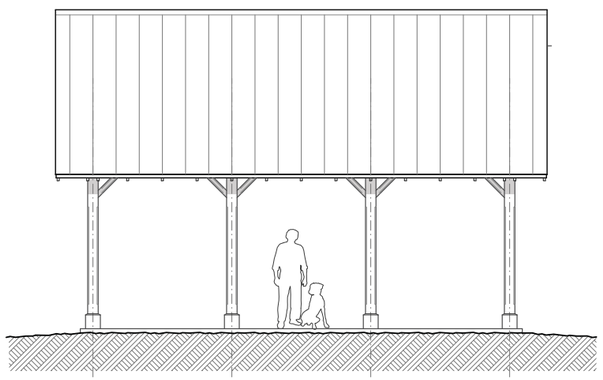
4
A.1.1.a



FLOOR PLAN

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

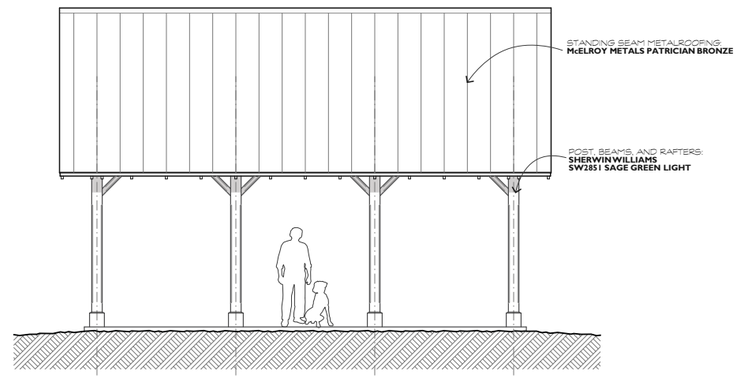
1
A.1.1.a



SPORTS COURT ELEVATION

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

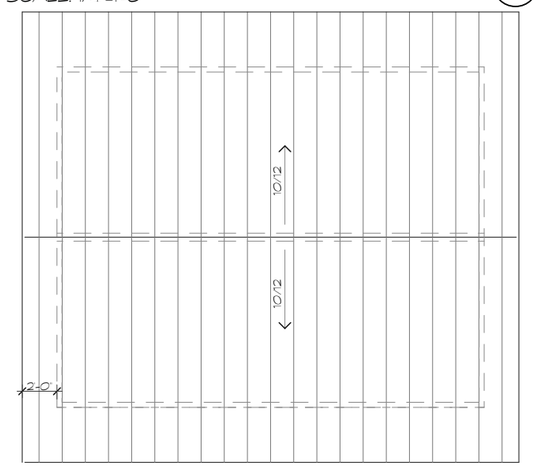
7
A.1.1.a



PLAYGROUND ELEVATION

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

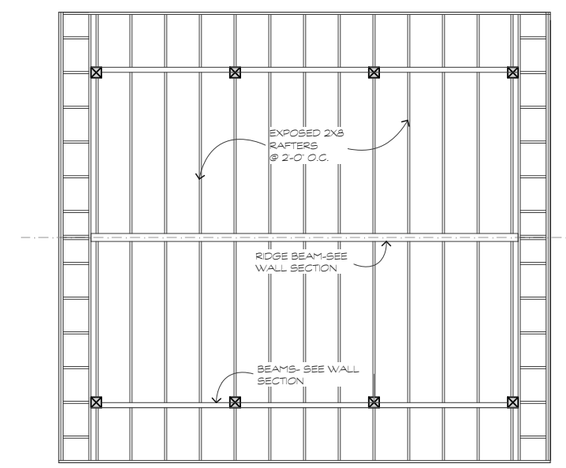
5
A.1.1.a



ROOF PLAN

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

2
A.1.1.a



REFLECTED CEILING PLAN

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

3
A.1.1.a

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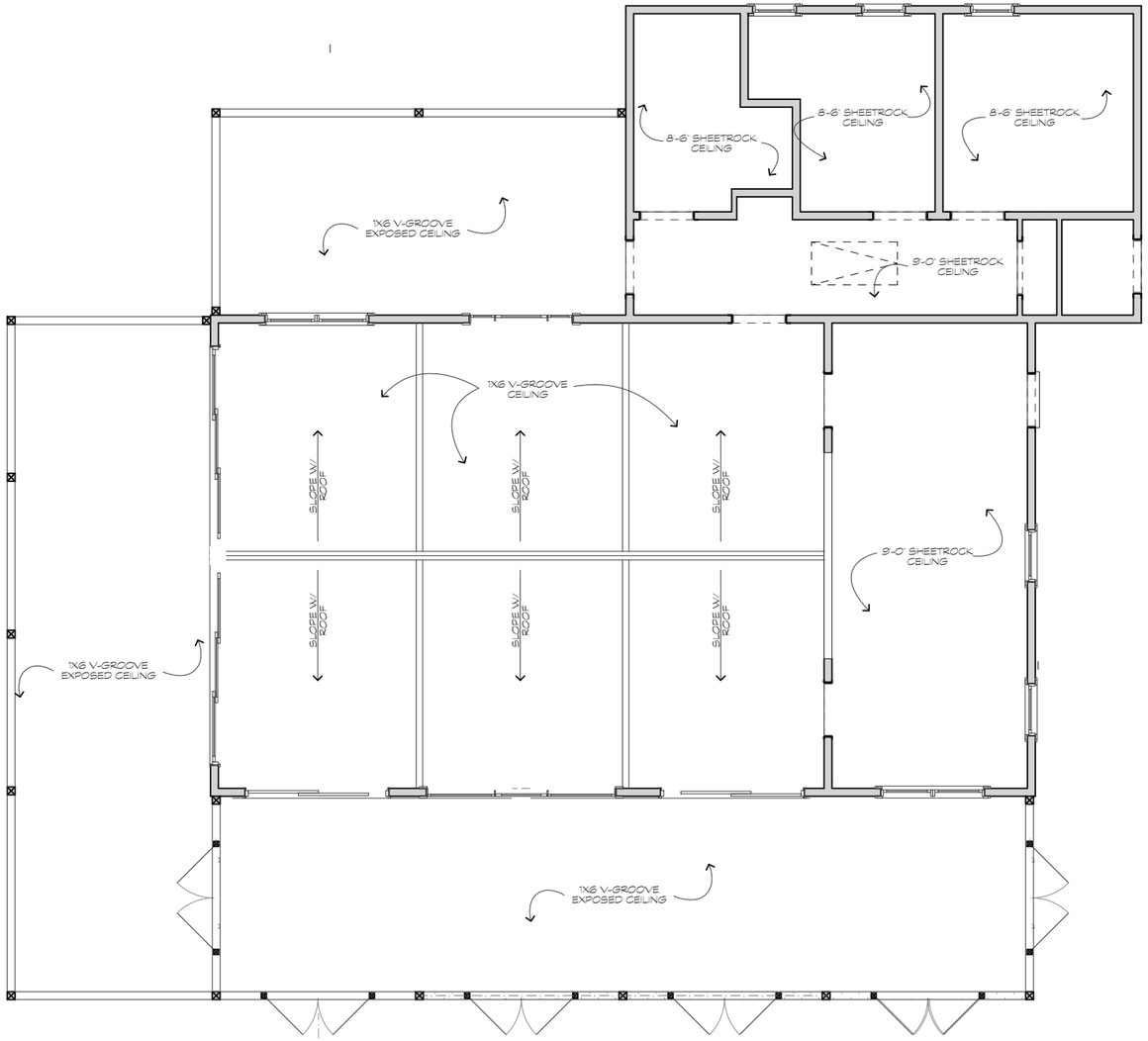
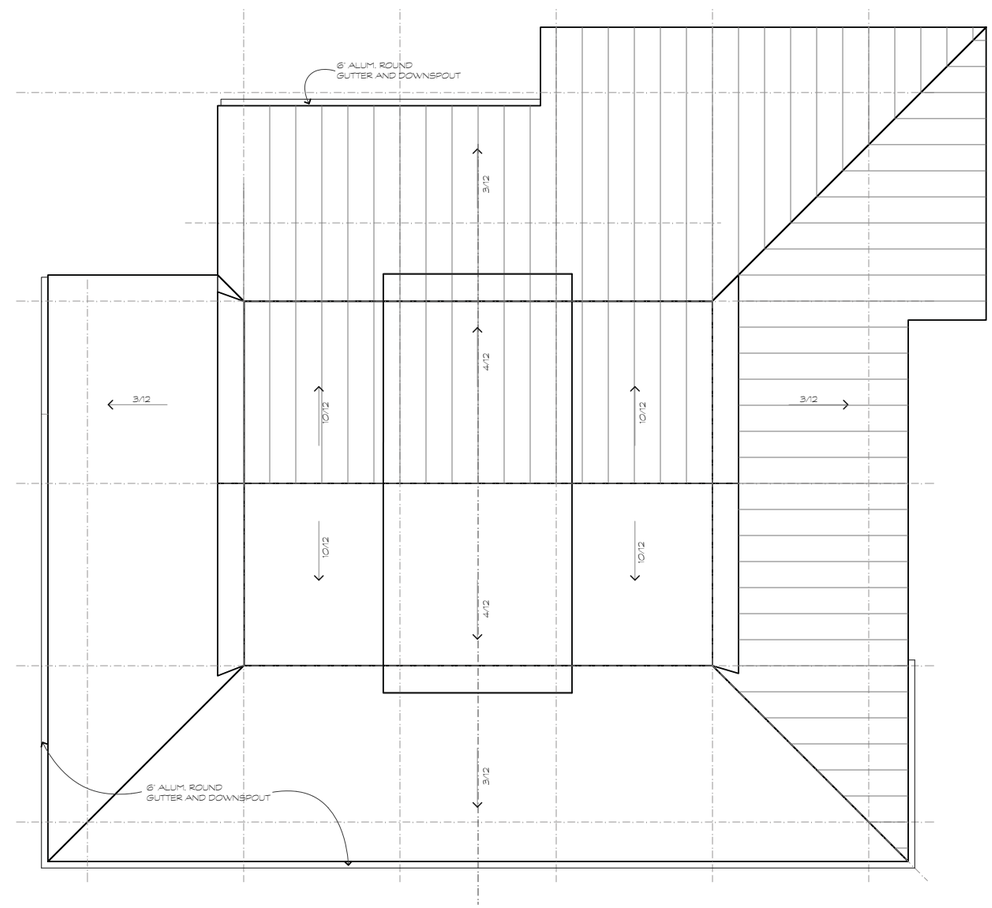


REFLECTED CEILING PLAN

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

2
A.1.2



ROOF PLAN

SCALE: 3/16"=1'-0"

1
A.1.2

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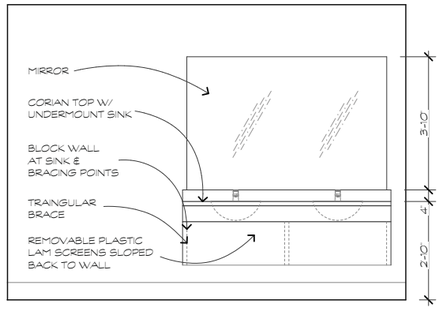
SHEET

A.1.2

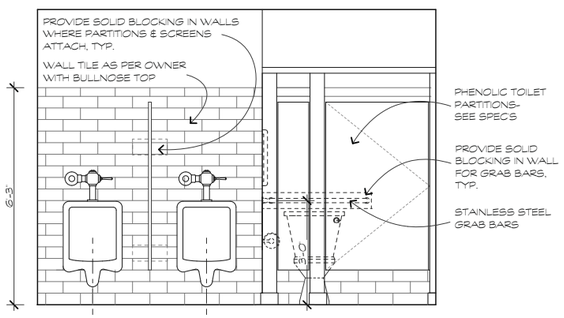
OF SHEETS



LAV. ELEV.

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

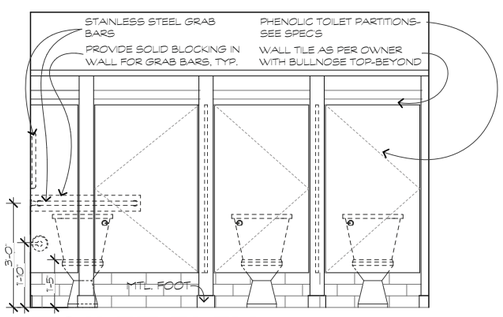
8 A.1.3



URINAL ELEV.

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

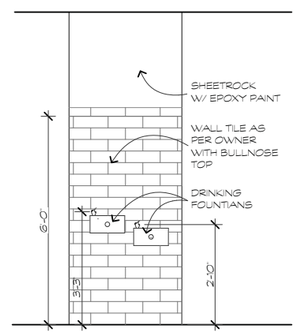
7 A.1.3



TOILET ELEV.

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

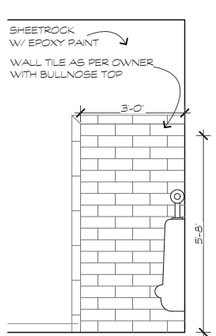
6 A.1.3



D.F. ELEV.

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

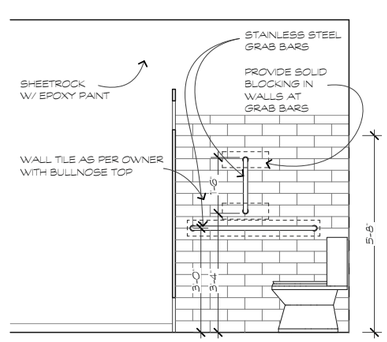
5 A.1.3



URINAL ELEV.

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

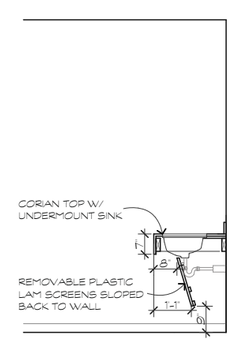
4 A.1.3



TOILET ELEV.

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

3 A.1.3



LAV. SECTION

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

2 A.1.3

WINDOW SCHEDULE

NOTES:
1. ALL WINDOWS TO BE 2x4 ALUM. STOREFONT W/ I.G. LAMINATED LOW 'E' GLASS
2. SEE STRUCTURAL FOR DP RATINGS

MARK	TYPE	MFG. NUMBER	SIZE	REMARKS
A	DOUBLE HUNG		3'-0"X6'-0"	
B	DOUBLE HUNG		2'-6"X4'-6"	
C	DOUBLE HUNG		3'-0"X5'-0"	
D	SLIDER		8'-0"X8'-0"	
E	SLIDER		24'-0"X8'-0"	
F	FIXED		2'-6"X2'-6"	

DOOR & FRAME SCHEDULE

NOTE:
1. PROVIDE TEMPERED GLASS NOTED IN ELEV. KEYS.
2. SEE STRUCTURAL FOR DP RATINGS OF EXTERIOR DOORS.

MARK	DOOR					HARD. WARE MARK	FRAME		FIRE RATING	REMARKS
	Size			Material / Finish	Type		Mat.	Jamb depth		
	W	H	T							
FIRST FLOOR										
1	3'-0"	8'-0"	2 1/4"	MAHOGANY	1	1	WOOD		NA	1'-6" SIDELITES AND 2'-0" TRANSOM
2	3'-0"	8'-0"	1 3/4"	WOOD	2	2	WOOD		NA	
3	3'-0"	8'-0"	1 3/4"	FIBERGLASS	3	2	WOOD		NA	
4	3'-0"	7'-0"	1 3/4"	WOOD	4	3	WOOD		NA	
5	3'-0"	7'-0"	1 3/4"	WOOD	4	4	WOOD		NA	
6	3'-0"	7'-0"	1 3/4"	WOOD	4	4	WOOD		NA	
7	3'-0"	7'-0"	1 3/4"	WOOD	4	3	WOOD		NA	KICKPLATE
8	3'-0"	7'-0"	1 3/4"	FIBERGLASS	4	3	WOOD		NA	
9	3'-0"	8'-0"	1 3/4"	FIBERGLASS	3	1	WOOD		NA	
10	3'-0"	8'-0"	1 3/4"	WOOD	2	4	WOOD		NA	DBL. ACTING/ KICKPLATE
11	3'-0"	8'-0"	1 3/4"	WOOD	2	4	WOOD		NA	DBL. ACTING/ KICKPLATE
12	3'-0"	8'-0"	1 3/4"	ALUM.	5	1	ALUM.		NA	

HARDWARE SCHEDULE

NOTES:
1. SUBMIT FULL HARDWARE SCHEDULE FOR REVIEW
2. ALL FINISHES TO BE 628

MARK	TYPE	MFG.	MFG. NUMBER	REMARKS
1	PANIC HARDWARE	VON DUPRIN	98/99	
2	ENTRANCE LOCK	SCHLAGE	AL 50 PD	
3	STOREROOM LOCK	SCHLAGE	AL 80 PD	
4	PUSH/ PULL	IVES	8200/8303	

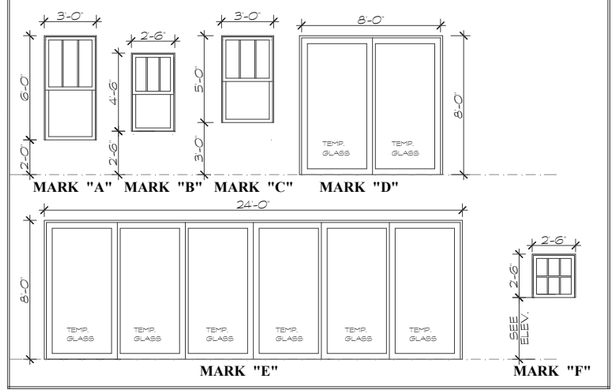
FINISH SCHEDULE

NOTE:
1. 2x2 LAY IN TILE -SEE SPECIFICATIONS
2. ALL PAINT FINISHES ARE LATEX W/ EGGSHELL FINISH UNLESS NOTED
3. VCT FLOORING PATTERNS TO BE T.B.D.

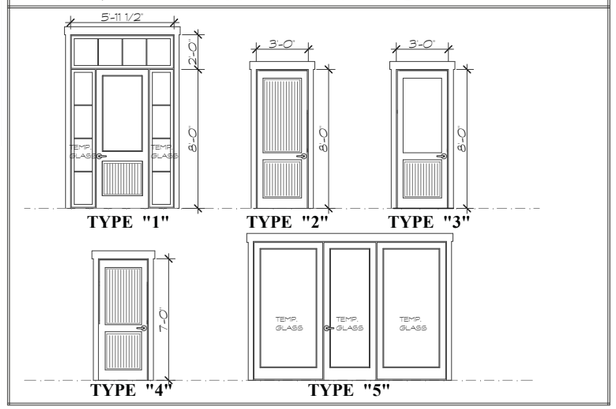
FIRST FLOOR

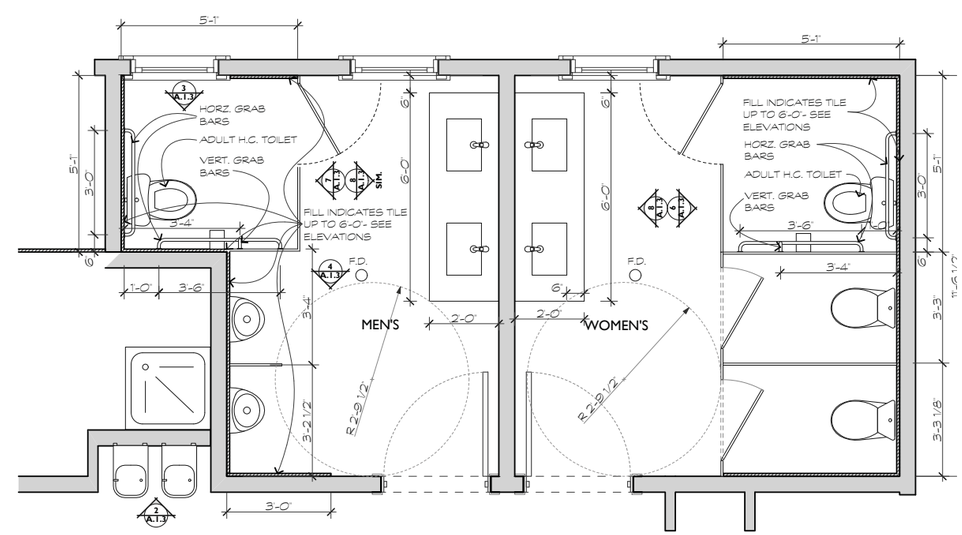
ROOM NAME	FLOOR Material	FLOOR Base	WALL Material	WALL Finish	CEILING Material	CEILING Finish	CEILING Height
MAIN ROOM	LVT	1X8	GYP. BD.	PAINT	NS V-GROOVE	PAINT	VARIES
CATERING KITCHEN	LVT	VINYL	GYP. BD.	EPOXY PAINT	GYP. BD.	EPOXY PAINT	9'-0"
HALLWAY	LVT	1X8	GYP. BD.	PAINT	GYP. BD.	PAINT	9'-0"
TABLES AND CHAIRS	LVT	VINYL	GYP. BD.	EPOXY PAINT	GYP. BD.	PAINT	8'-6"
MENS	LVT	1X8	GYP. BD.	EPOXY PAINT	GYP. BD.	PAINT	8'-6"
WOMENS	LVT	1X8	GYP. BD.	EPOXY PAINT	GYP. BD.	PAINT	8'-6"
RISER ROOM	CONCRETE	VINYL	GYP. BD.	PAINT	GYP. BD.	PAINT	8'-6"

WINDOW ELEVATION KEYS



DOOR & FRAME ELEVATION KEYS





BATH PLAN

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

1 A.1.3

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A NEW COMMUNITY BUILDING FOR:

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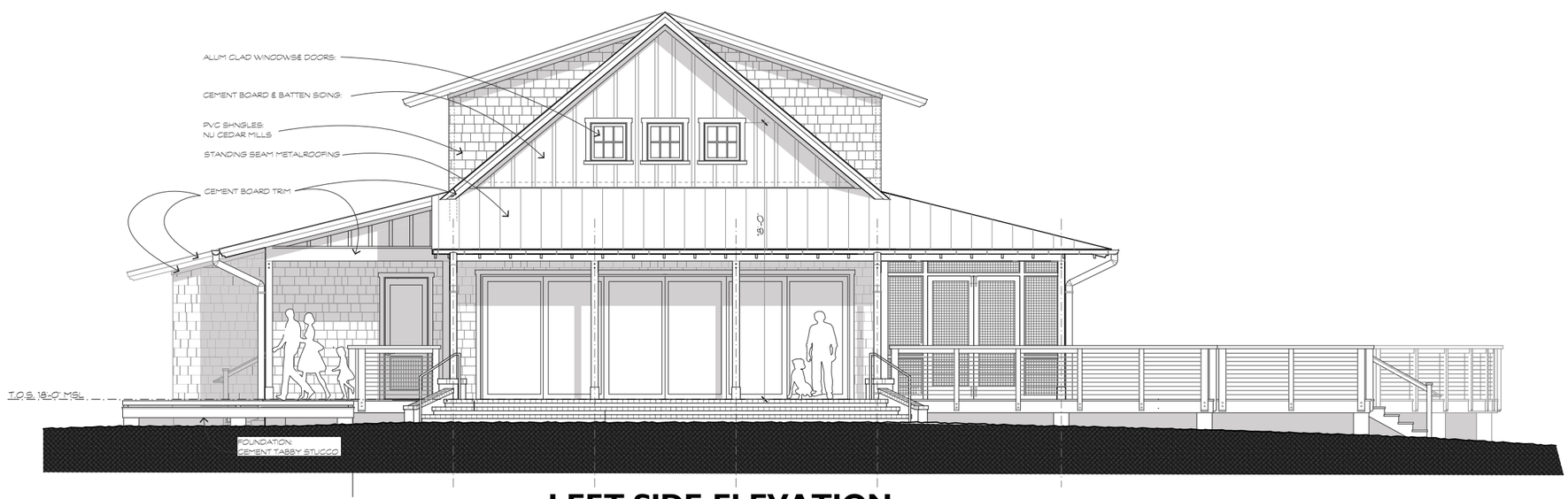
SHEET A.1.3
OF SHEETS

ENTRY ELEVATION

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

1 / A.2.1



LEFT SIDE ELEVATION

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

2 / A.2.1

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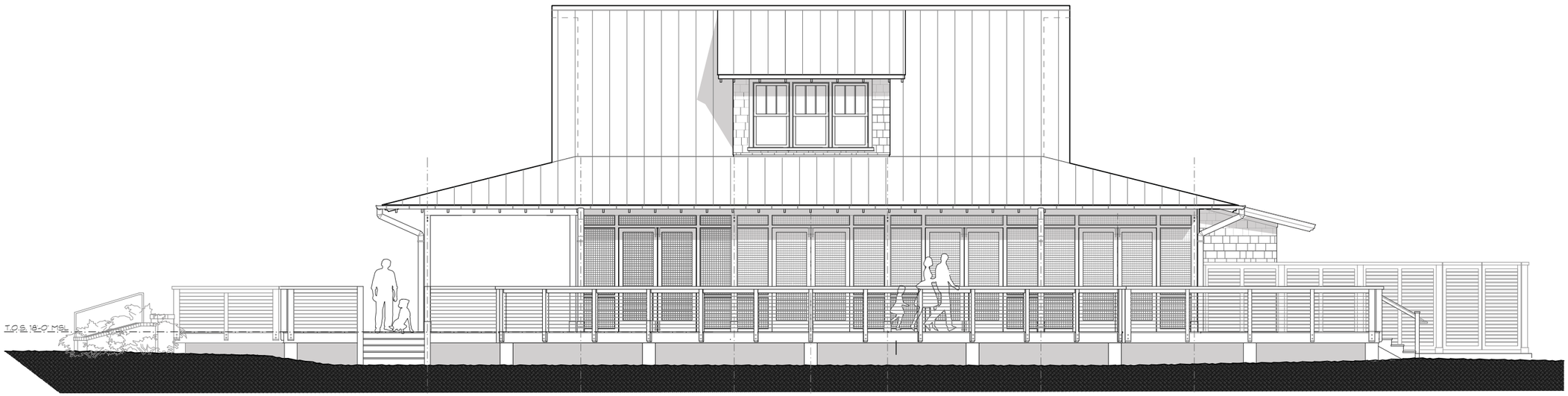

WATERFRONT ELEVATION

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

1
A.2.2

RIGHT SIDE ELEVATION

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

2
A.2.2

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A.2.2

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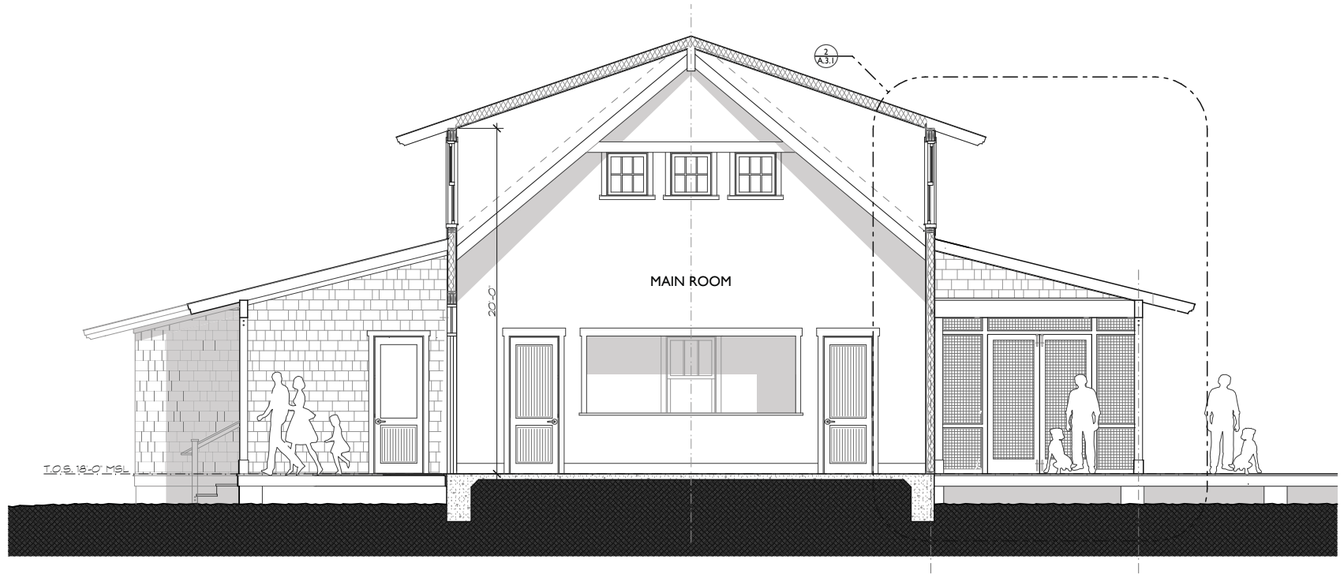

BUILDING SECTION

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

1
A.2.3

BUILDING SECTION

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

2
A.2.3

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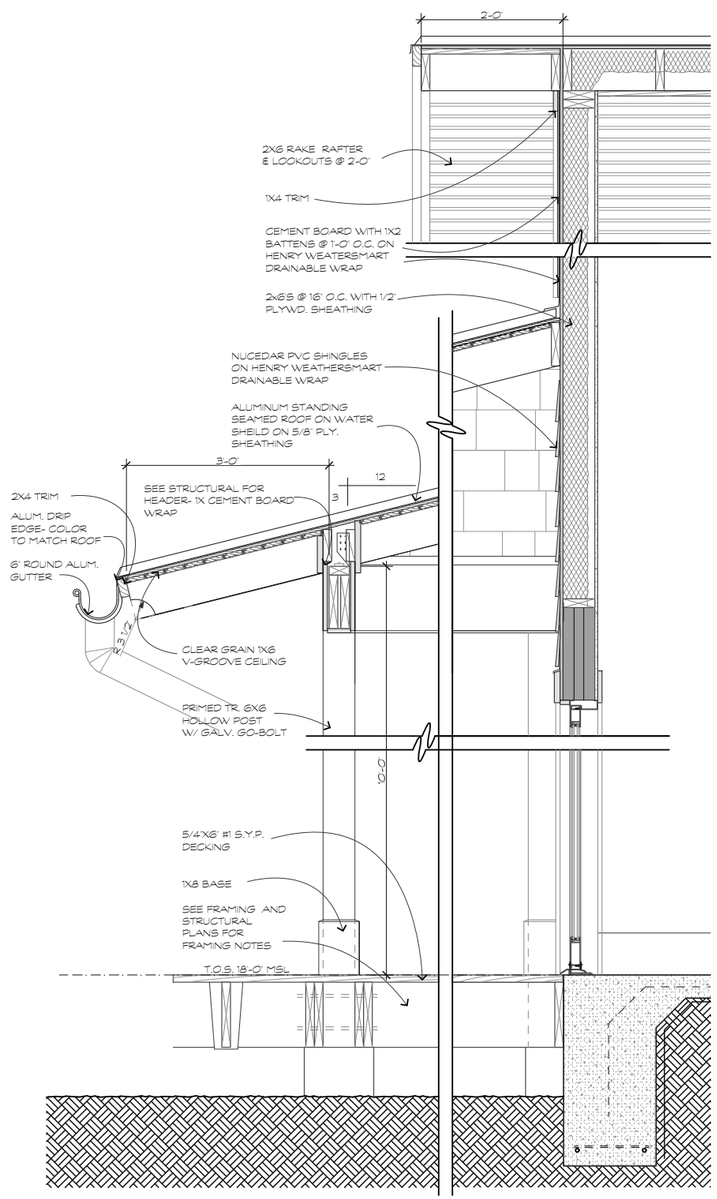
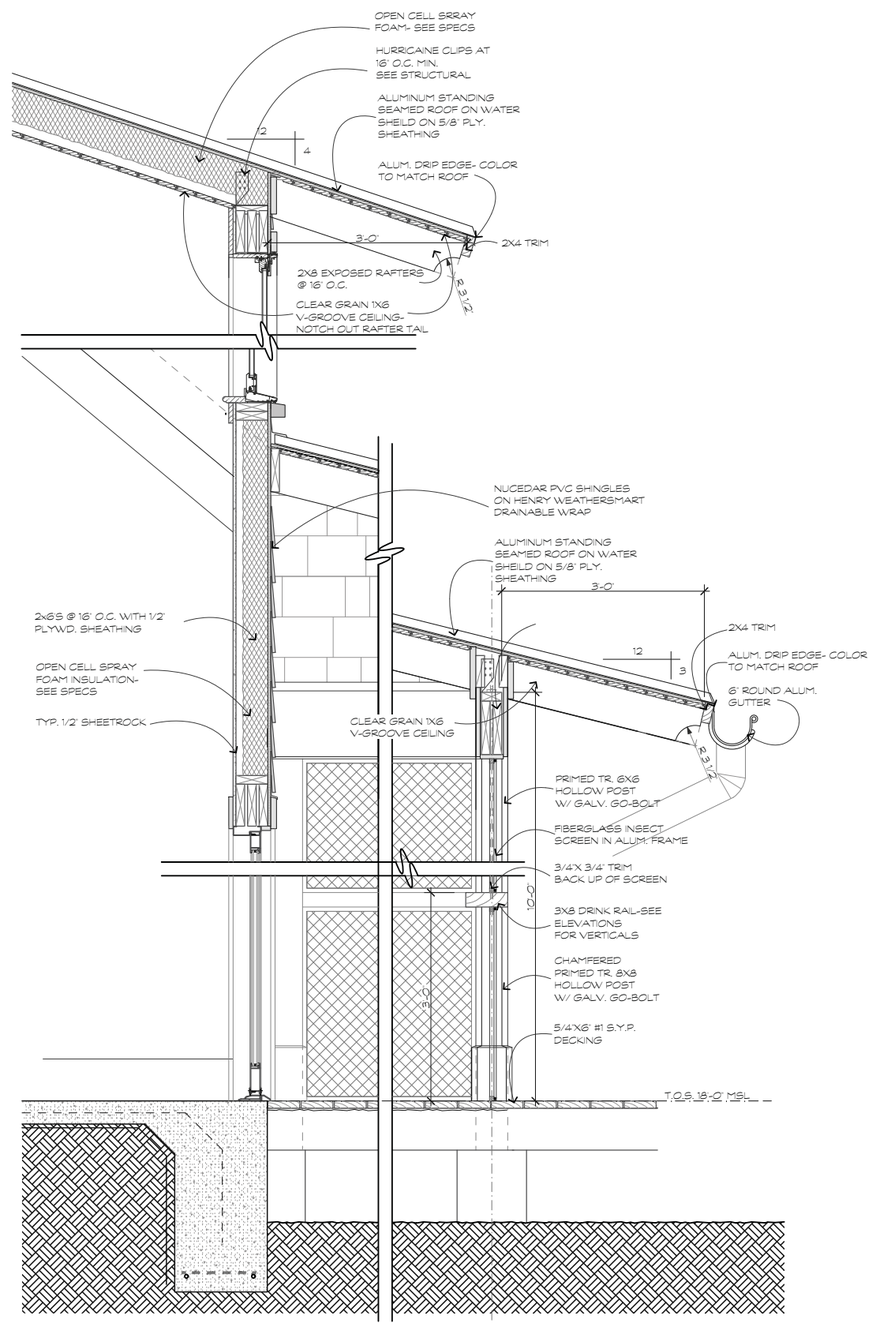


WALL SECTION

SCALE: 1"=1'-0"

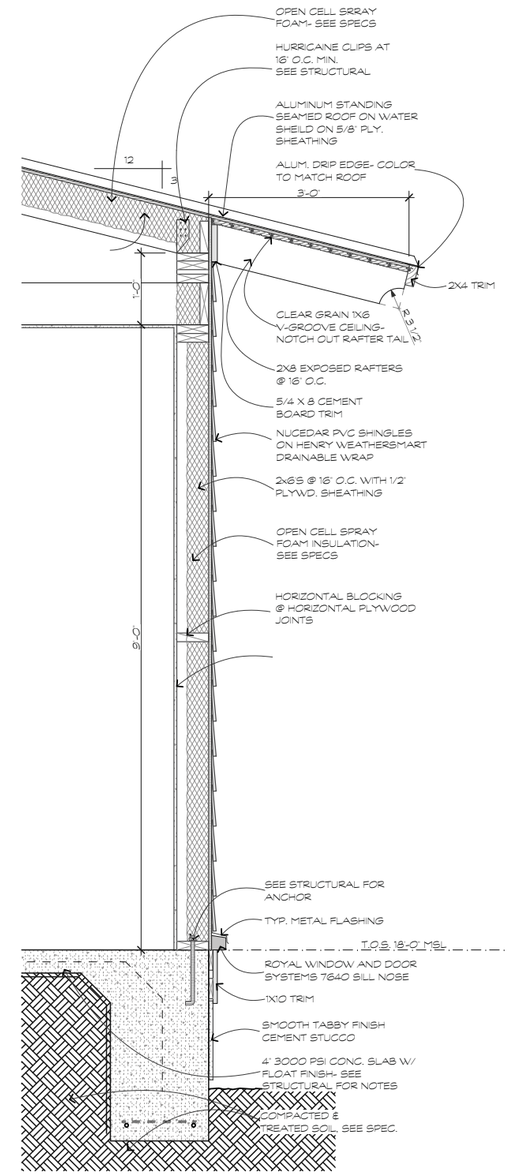
3
A.3.1



WALL SECTION

SCALE: 1"=1'-0"

2
A.3.1



WALL SECTION

SCALE: 1"=1'-0"

1
A.3.1

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A.3.1

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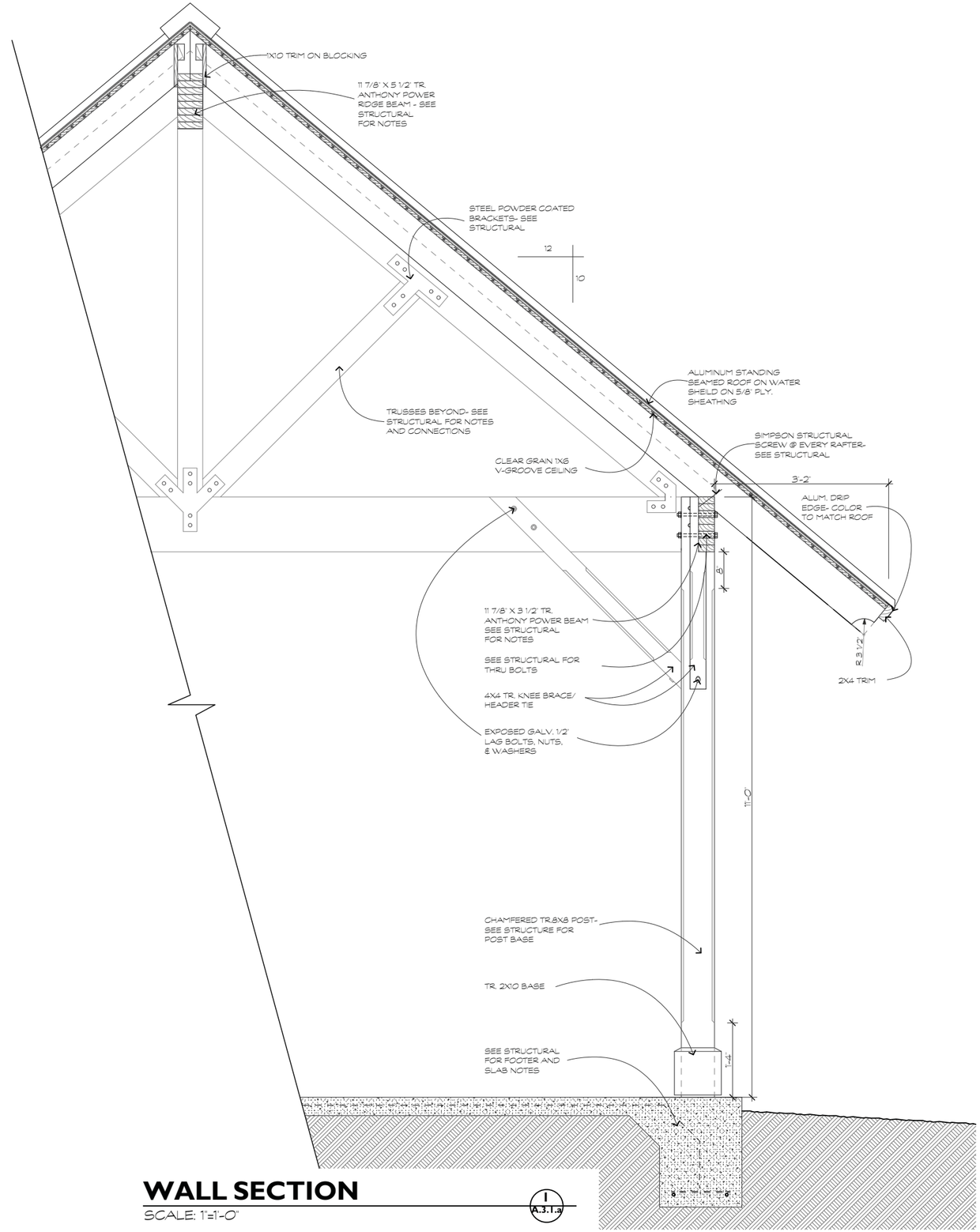

WALL SECTION

SCALE: 1"=1'-0"

1
A.3.1.a

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A.3.1.a

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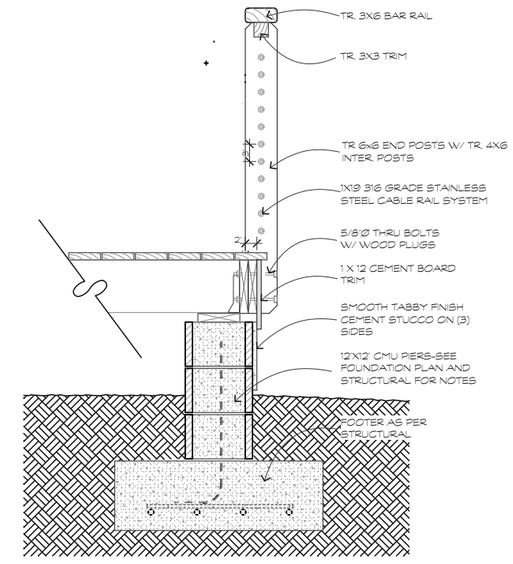
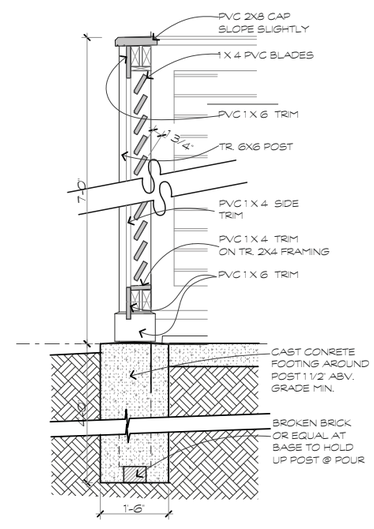


RAILING DETAIL

SCALE: 1"=1'-0"

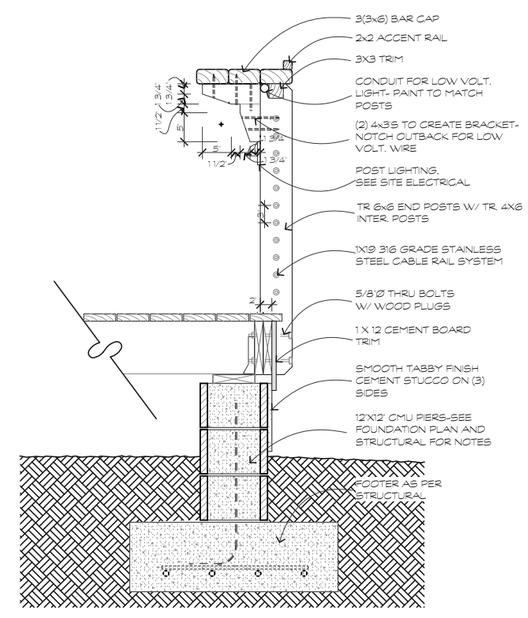
1 A.3.2



SERVICE YARD FENCE

SCALE: 1"=1'-0"

3 A.3.2



RAILING DETAIL

SCALE: 1"=1'-0"

2 A.3.2

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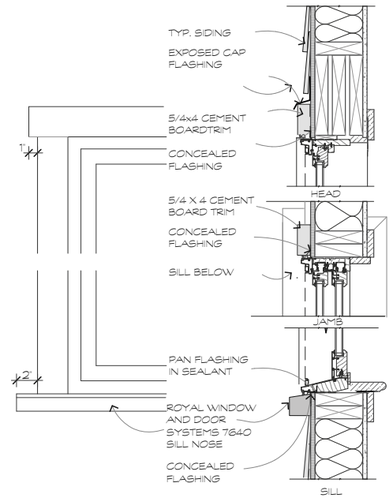
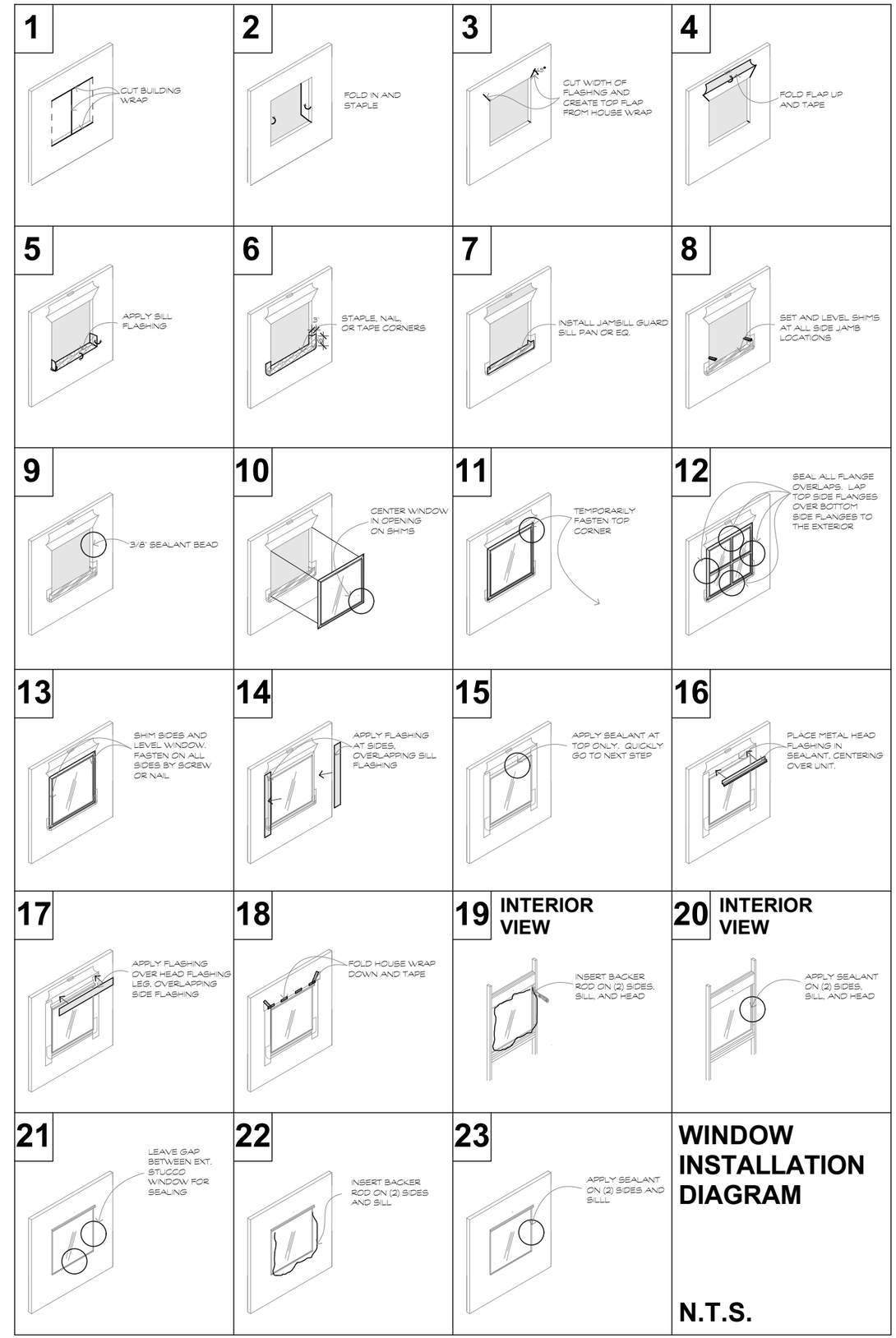


WINDOW DETAIL

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

1 / A.3.3



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OF	SHEETS

Schedule

Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Plot
	A		3	Hubbell Lighting Inc. dba Beacon Products	VP-L-64E2-115-AMB-4W	LARGE VIPER WITH AMBER LED	1	3410	0.9	115	
	B		8	Beachside Lighting	E1-S-24-2W-A	Pathlight w/ 2 Watt AMBER module	1	32	0.9	2.19	
	C		4	BEACHSIDE LIGHTING	E9-RCL-5W-A-NFL	5-1/2"L, X4"W, X 3"H, LOUVERED RECTANGULAR STEPLIGHT	1	24	0.9	4.62	

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1- Parking area	+	0.3 fc	0.7 fc	0.0 fc	N/A	N/A
Calc Zone #2 -Pathways	+	0.0 fc	0.8 fc	0.0 fc	N/A	N/A
Calc Zone #3 - Parking	+	0.3 fc	0.6 fc	0.0 fc	N/A	N/A
Calc Zone #4 - Parking	+	0.0 fc	0.0 fc	0.0 fc	N/A	N/A

1
E202

ELECTRICAL PHOTOMETRICS

SCALE: 1" = 30'-0"

Dalon Engineering LLC
Mechanical . Electrical . Plumbing
2611 Southside Blvd
Beaufort, SC 29902
Phone (843) 271-6011
Project# 2020-105

Wood+Partners Inc.
Landscape Architects
Land Planners
PO Box 23549 ♦ Hilton Head Island, SC 29925
843.681.6818 ♦ Fax 843.681.7006 ♦ www.woodandpartners.com

Client Info:

Hilton Head Plantation POA
7 Surrey Lane
Hilton Head Island, SC 29926

NOT FOR CONSTRUCTION

DOLPHIN HEAD RECREATION AREA

HILTON HEAD PLANTATION
HILTON HEAD ISLAND, SC 29926

PROFESSIONAL SEAL:

DRAWN BY:
PD

CHECKED BY:

#	REVISION	DATE	BY

DATE
10-13-2021
PROJECT NUMBER

SHEET TITLE

Photometrics

SHEET NUMBER
E-100

DESIGN TEAM/DRB COMMENT SHEET

The comments below are staff recommendations to the Design Review Board (DRB) and do NOT constitute DRB approval or denial.

PROJECT NAME: Dolphin Head Rec. Area DRB#: DRB-002414-2021

DATE: 10/29/2021

RECOMMENDATION: Approval ☐ Approval with Conditions ☒ Denial ☐

RECOMMENDED CONDITIONS:

Revise the tree protection plan to specify substantial specimen and significant tree protection fence such as cyclone or wooden fencing, for staff review and approval.

NATURAL RESOURCE PROTECTION

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
An effort has been made to preserve existing trees and under story plants	☐	☒	☐	Tree Protection Zones Sec. 16-6-104 Tree protection zones for any trees located within 25' of any proposed grading, construction, or tree removals; to be established by physical barriers that will need to be maintained until such time that the work is completed. SPECIAL ATTENTION must be shown for the Specimen tree protection areas that prevent paving or soil compaction within 15' of the trunk. These Specimen tree protection zones should be substantial, such as cyclone or wooden fencing that will prevent access to these 15' areas or material storage of any kind.

Town of Hilton Head Island

Community Development Department
One Town Center Court
Hilton Head Island, SC 29928
Phone: 843-341-4757 Fax: 843-842-8908
www.hiltonheadislandsc.gov

FOR OFFICIAL USE ONLY
Date Received: _____
Accepted by: _____
DRB #: _____
Meeting Date: _____

Applicant/Agent Name: Tom Paker Jr Company: PDG| Architects
Mailing Address: PO Box 5010 City: HHI State: SC Zip: 29928
Telephone: 843 785 5171 Fax: _____ E-mail: Tom@pdg-architects.com
Project Name: Harley Davidson Merch. Store Project Address: 32 Palmetto Bay Road
Parcel Number [PIN]: R 552 014 000 001E 000
Zoning District: SPC Overlay District(s): _____

CORRIDOR REVIEW, MAJOR
DESIGN REVIEW BOARD (DRB) SUBMITTAL REQUIREMENTS

Digital Submissions may be accepted via e-mail by calling 843-341-4757.

Project Category:

_____ Concept Approval – Proposed Development
_____ Final Approval – Proposed Development
X Alteration/Addition
_____ Sign

Submittal Requirements for ***All*** projects:

_____ Private Architectural Review Board (ARB) Notice of Action (if applicable): When a project is within the jurisdiction of an ARB, the applicant shall submit such ARB's written notice of action per LMO Section 16-2-103.I.4.b.iii.01. Submitting an application to the ARB to meet this requirement is the responsibility of the applicant.

X Filing Fee: Concept Approval-Proposed Development $175, Final Approval – Proposed Development $175, Alterations/Additions $100, Signs $25; cash or check made payable to the Town of Hilton Head Island.

Additional Submittal Requirements:

Concept Approval – Proposed Development

_____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.
_____ A site analysis study to include specimen trees, access, significant topography, wetlands, buffers, setbacks, views, orientation and other site features that may influence design.
_____ A draft written narrative describing the design intent of the project, its goals and objectives and how it reflects the site analysis results.
_____ Context photographs of neighboring uses and architectural styles.
_____ Conceptual site plan (to scale) showing proposed location of new structures, parking areas and landscaping.
_____ Conceptual sketches of primary exterior elevations showing architectural character of the proposed development, materials, colors, shadow lines and landscaping.

Additional Submittal Requirements:

Final Approval – Proposed Development

_____ A final written narrative describing how the project conforms with the conceptual approval and design review guidelines of Sec. 16-3-106.F.3.

_____ Final site development plan meeting the requirements of Appendix D: D-6.F.

_____ Final site lighting and landscaping plans meeting the requirements of Appendix D: D-6.H and D-6.I.

_____ Final floor plans and elevation drawings (1/8"=1'-0" minimum scale) showing exterior building materials and colors with architectural sections and details to adequately describe the project.

_____ A color board (11"x17" maximum) containing actual color samples of all exterior finishes, keyed to the elevations, and indicating the manufacturer's name and color designation.

_____ Any additional information requested by the Design Review Board at the time of concept approval, such as scale model or color renderings, that the Board finds necessary in order to act on a final application.

Additional Submittal Requirements:

Alterations/Additions

X____ All of the materials required for final approval of proposed development as listed above, plus the following additional materials.

X____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.

X____ Photographs of existing structure.

Additional Submittal Requirements:

Signs

_____ Accurate color rendering of sign showing dimensions, type of lettering, materials and actual color samples.

For freestanding signs:

_____ Site plan (1”=30’ minimum scale) showing location of sign in relation to buildings, parking, existing signs, and property lines.

_____ Proposed landscaping plan.

For wall signs:

_____ Photograph or drawing of the building depicting the proposed location of the sign.

_____ Location, fixture type, and wattage of any proposed lighting.

Note: All application items must be received by the deadline date in order to be reviewed by the DRB per LMO Appendix D: D-23.

A representative for each agenda item is strongly encouraged to attend the meeting.

Are there recorded private covenants and/or restrictions that are contrary to, conflict with, or prohibit the proposed request? If yes, a copy of the private covenants and/or restrictions must be submitted with this application. ☐YES ☑NO

To the best of my knowledge, the information on this application and all additional documentation is true, factual, and complete. I hereby agree to abide by all conditions of any approvals granted by the Town of Hilton Head Island. I understand that such conditions shall apply to the subject property only and are a right or obligation transferable by sale.

I further understand that in the event of a State of Emergency due to a Disaster, the review and approval times set forth in the Land Management Ordinance may be suspended.

W. Thomas Parker Jr.
SIGNATURE

10 18/2021
DATE

APPLICATION NARRATIVE
For
HHI Harley Davidson
#32 Palmetto Rd
Hilton Head Island, South Carolina

Acreage: 3.4 acres

Zoning: SPC Sea Pines Commercial

Project Description:

We are renovating the old Kinghorn office @ building #32 Palmetto Bay Road into a Harley Davidson retail store to sell merchandise (not motorcycles):

- Bike sales are not allowed by Harley Davidson Franchise on the island as this is a protected area for another store.
- The interior of the building will be gutted creating a merchandise area in the front w/ office space and inventory storage area in the back.
- No increase in square footage is anticipated.
- There will be a new gable roofed entry element added at the front door that will incorporate signage under separate permit.
- New storefront windows will be added.
- The asphalt roofing will be replaced with standing seam metal.
- New landscaping will be added as needed.
- The monument sign out front will be redesigned (under separate permit).

Number of Buildings: 1

Number of Stories: (max allowed building height 45') 1 story @ 19'-6"

Buffers/ Setbacks:

An existing building with no new work is anticipated in the setbacks or buffers.

Density:

As per Section 16-3-105 the Maximum Density Allowable in the SPC District is 10,000 GFA. Existing is 4,240 GFA.

Parking:

As per section 16-5-107.D.1 Shopping requires 1 space for each 335 of gross floor area.

Required:
Merchandise store @ 4,240 GFA/ 335 SF = 12.6 spaces
Total Spaces needed = 13 spaces
Existing Spaces = 11 spaces
Need to add (2) spaces as per site plan

Open Space / Impervious Surface Coverage:

As per Section 16-3-105 The Maximum Impervious Coverage for SPC Zoning is 60% and the Minimum Open Space for SPC Zoning is 16%.

Required:
Maximum Impervious Coverage = 60% x 14,810 SF = 8,886 SF
Minimum Open Space = 25% x 14,810 = 3,702

Existing:
Impervious Coverage = 10,510 SF or 70%
Open Space = 4,180 SF or 28%

Tree Preservation:

No trees are affected by the work.

Project Phasing:

The overall project will be completed in one phase.

Vehicle Access:

The proposed addition will not change any vehicle access.

Underground Utilities:

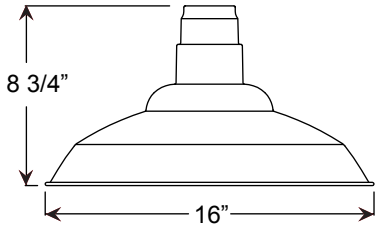
The renovation will not require additional utilities.

Maintenance Responsibilities:

The owner will be responsible for maintaining the development in accordance with all Town requirements and guidelines.

New Lighting

We are adding lights on the exterior of the building. while not finalized we have indicated the lights on the elevations and included the spec sheet for the same.
*Type “B” is on the building
*Type “C” is on the new entry sign
*Type “D” is in the new entry ceiling
*No new lighting in the parking area is anticipated.



Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

Made In USA

Illuminating ENGINEERING SOCIETY

Specifications

Material:
RLM shades are constructed of heavy duty spun aluminum. Wall back plate and driver housing are cast aluminum. All fasteners are stainless steel. Inside of shade is reflective white finish for all colors except galvanized paint finish. Screw hardware may not match paint.

Glass:
Choice of clear, frosted or prismatic glass up to **24w Max**.

Electrical:
GU24 socket, 120V only.
Universal voltage 120-277 is standard.
0-10V, TRIAC and ELV dimming protocols are standard. (12w is TRIAC dimming only; 24w is 0-10v only).

See page 2 table for LED module and driver specs, voltage and dimming protocols

Certifications:
Cord mounts are UL Listed for dry locations. Arm mount, stem mount and wall mount are UL Listed for wet locations.

Finish:
A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion.

Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or gloss surface.

Modifications:
Consult factory for custom or modified designs.

W516

LED
Dark Sky Friendly

Weight: 1.5 lbs.
BUG: B1-U0-G1

Catalog Logic

W516	M009LD	D	W	40K	RTC	UNV	E6	100GLCL	PC	41
RLM Style	Light Source & Wattage	Dimming	Distribution	CCT	Driver Housing	Voltage	Mounting	Glass & Guard	Accessories	Finish

Catalog Number

	1	2	3	4	5	6	7	8	9	10
W516	M012L	D	W	30K	NA	UNV	E6	CBC		83

1 LIGHT SOURCE & WATTAGES

GU24	(GU24 Socket Only; **120v only**)
M012LD	(12w, 750 lumen, Cree module) Integral driver, 120V, TRIAC dimming & narrow distribution only.
M009LD	(9w, 850 lumen, Cree module)
M010LD	(10w, 1250 lumen, Cree module)
M016LD	(16w, 2000 lumen, Cree module)
M024LD	(24w, 3000 lumen, Cree module)

2 DIMMING

D (Standard 0-10v, TRIAC and ELV dimming)

S (Sunset dimming- Dims smoothly from 2700K to 1800K; 9w only)

***12w is dimming only, select “D”.**

See page 2 for dimming protocols and limitations.

3 DISTRIBUTION

W (T5 Wide Distribution with Dome LED Lens)

N* (T5 Narrow Distribution with Flat LED Lens)

***12w is narrow only, select “N”.**

4 COLOR TEMPERATURE (CCT)

27K	(2700K)
30K	(3000K) (Not Sunset Dim)
35K	(3500K) (Not Sunset Dim)
40K	(4000K) (Not Sunset Dim)

5 DRIVER HOUSING

RTC	(Driver Canopy)
RTCNC	(Driver Canopy/No Spun Cover)
NA	(Housing not required for 12w)

6 VOLTAGE

UNV (120-277)

7 MOUNTING SOURCES

Arm Mounts (Cast back plate included (CB))

E3 E4 E6 E7 E8 E9 E10

E11 E12 E13 E18 E19 E25

Wall Mounts

WM40

WM54

WM74

WM317

WM84

Post Mounts
(Postline driver only; 4” OD/.125 pole required)

PM10

PM20

PM30

PM40

PM50

Cord Mounts

BLC (6’ black cord with 1” x 5 3/8” canopy*)

WHC (6’ white cord with 1” x 5 3/8” canopy*)

COLOR CORD: Use Color Cord designation from page 4.

***Canopy finish will match fixture finish.**

Stem Mounts

1/2" (13/16” OD Rigid Stems with STC Flat Canopy)

2ST6 2ST12 2ST18 2ST24 2ST36 2ST48

2ST60 2ST72 2ST96

3/4" (1” OD Rigid Stems with STC Flat Canopy)

3ST6 3ST12 3ST18 3ST24 3ST36 3ST48

3ST60 3ST72 3ST96

8 GLASS & GUARD

Up to 24w MAX

100GLCL	(Clear Glass)
100GLFR	(Frosted Glass)
100GLPR	(Prismatic Glass)
100GLCLGUP	(Clear Glass & Small Wire Guard)
100GLFRGUP	(Frosted Glass & Small Wire Guard)
100GLPRGUP	(Prismatic Glass & Small Wire Guard)
100GLCLGUPC	(Clear Glass & Cast Guard)
100GLFRGUPC	(Frosted Glass & Cast Guard)
100GLPRGUPC	(Prismatic Glass & Cast Guard)
100GLGUP	(Small Wire Guard with No Glass)
100GLGUPC	(Cast Guard with No Glass)

9 ACCESSORIES

CBC	(Cast back plate Spun Alum Cover)
***EMG-LED5**	(5w, LED Emergency Driver, remote placement, Cree module only)
***EMG-LED7**	(7w, LED Emergency Driver, remote placement, Cree module only)
***EMG-LED10**	(10w, LED Emergency Driver, remote placement, Cree module only)
GR16	(16” Wire Grill)
PC	(Button Photo Cell) Remote Only
SC	(Scroll for Arms)
SLC	(Sloped Ceiling Canopy Mount, 20° Max)
SQ	(Square Back Plate)
SWL	(Adjustable Locking Swivel)
TBK	(Turn Buckle Kit)

***For Emergency lumen output data, see Resources section at www.ANPlighting.com.**

10182018

1-800-548-3227
ANPlighting.com

Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

Made In USA

Illuminating ENGINEERING SOCIETY

10 FINISHES

Standard Grade	Marine Grade		Standard Grade	Marine Grade	
40	NA	Raw Unfinished	53	100	Copper Clay
41	101	Black	56	109	Silver
42	102	Forest Green	61	106	Black Verde
43	114	Bright Red	70	118	Painted Chrome
44	107	White	71	105	Painted Copper
45	112	Bright Blue	72	108	Textured Black
46	123	Sunny Yellow	73	125	Matte Black
47	120	Aqua Green	76	121	Textured Architectural Bronze
49	NA	Galvanized	77	127	Textured White
50	111	Navy	78	124	Textured Silver
51	103	Architectural Bronze	10	130	Aspen Green
52	104	Patina Verde	11	131	Cantaloupe
12	133	Lilac	13	132	Putty

Premium Grade	Marine Grade		Premium Grade	Marine Grade	
81	129	Extreme Chrome	64	116	Candy Apple Red
80	117	Textured Desert Stone	65	122	Cobalt Blue
67	119	Butterscotch	82	128	Graystone
66	115	Caramel	69	113	Gunmetal Gray
68	126	Black Silver	83	134	Oil Rubbed Bronze

Consult factory for additional paint charges and availability

LED MODULE SPECIFICATIONS

LED	CCT	Typical Luminous Flux	System Wattage	Typical Efficacy
9W	2700K	850	11W	97
	3000K	850	11W	97
	3500K	850	11W	97
	4000K	850	11W	97
10W	2700K	1250	12W	125
	3000K	1250	12W	125
	3500K	1250	12W	125
	4000K	1250	12W	125
12W	2700K	750	12W	65
	3000K	750	12W	65
	3500K	750	12W	65
	4000K	750	12W	65
16W	2700K	2000	19W	125
	3000K	2000	19W	125
	3500K	2000	19W	125
	4000K	2000	19W	125
24W	2700K	3000	28W	125
	3000K	3000	28W	125
	3500K	3000	28W	125
	4000K	3000	28W	125

MODULE SPECIFICATION:

- Efficacy 65-125 lumens per watt
- Life: L70 50,000 hours
- Color temp: 2700K,3000K,3500K and 4000K
- CRI: >90

MODULE DRIVER SPECIFICATION:

- Input Voltage: 120-277 Volts; 50/60Hz
- Dimmable down to 1%
- 0-10V, TRIAC and ELV dimming protocols are standard.
- Output Current: Constant Current; 440mA to 940mA (model dependent)
- Driver Efficiency > 80%; Power Factor > 0.9
- Integral Surge Protection in conformance to ANSI C62.41 Category A

MODULE LISTINGS

- Fully compliant with the RoHS Directive
- Certifications: CE/UL

WARRANTY

See www.ANPlighting.com for complete fixture warranty.

LED warranty information

- 5 year limited warranty*

*Limited Warranty: A typical year is defined as 4380 hours of operation.

10182018

Project: _____

Fixture Type: _____ **Quantity:** _____

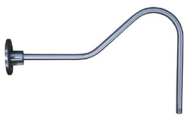
Customer: _____

Made In USA

Illuminating ENGINEERING SOCIETY

ARM MOUNTS | Dimensions are Projection x Height | CB included with all arms


E3 | 32" x 11 7/8"


E4 | 26" x 14"


E6 | 26" x 9 1/4"


E7 | 41 1/4" x 9 1/8"


E8 | 29 1/4" x 12 1/2"


E9 | 28" x 40 5/8"


E10 | 52 1/4" x 18"


E11 | 35 1/4" x 17 1/4"


E12 | 37 3/8" x 2"


E13 | 34" x 34 3/8"


E18 | 27 3/4" x 21 3/8"


E19 | 22 3/4" x 95 1/8"


E25 | 23" x 5 1/4"

WALL MOUNTS | Dimensions are Projection x Height | POST MOUNTS | Dimensions are Projection x Height


WM40 | 13 7/8" x 14 3/4"


WM54 | 23 3/8" x 18"


PM10 | 14 1/2" x 25"


PM20 | 30 1/8" x 25"


WM74 | 22" x 26 1/2"


WM317 | 15" x 12 3/4"


PM30 | 21 5/8" x 28 7/8"


PM40 | 43 3/8" x 28 7/8"


WM84 | 26 1/2" x 57 1/4"


PM50 | 27" x 38"


PM319 | 16 5/8" x 27 1/2"

Driver Housing


RTC


RTCNC

GLASS & GUARDS UP TO 24W MAX

Glass Legend: **CL** = Clear **FR** = Frosted **PR** = Prismatic

Glass Only


GL**CL**
GL**FR**
GL**PR**

Glass with Cast Guard


GL**CL**GUPC
GL**FR**GUPC
GL**PR**GUPC

Glass with Wire Guard


GL**CL**GUP
GL**FR**GUP
GL**PR**GUP

Guards Only


GLGUPC
(Cast Guard)


GLGUP
(Wire Guard)

ACCESSORIES


CBC


EMG-LED


GR16


PC


SC


SLC


SQ


SWL


TBK

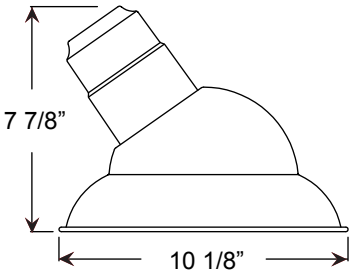
10182018

1-800-548-3227
ANPlighting.com

Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____



Specifications

Material:
RLM shades are constructed of heavy duty spun aluminum. Wall back plate and driver housing are cast aluminum. All fasteners are stainless steel. Inside of shade is reflective white finish for all colors except galvanized paint finish. Screw hardware may not match paint.

Electrical:
Universal voltage 120-277 is standard. 0-10V, TRIAC and ELV dimming protocols are standard.

See page 2 table for LED module and driver specs, voltage and dimming protocols.

Certifications:
Cord mounts are UL Listed for dry locations. Arm mount, stem mount and wall mount are UL Listed for wet locations.

Finish:
A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion.

Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or gloss surface.

Modifications:
Consult factory for custom or modified designs.

M710

LED

Weight: 1 lb

Catalog Logic

M710	M016LD	D	W	40K	RTC	UNV	E6	PC	41
RLM Style	Light Source & Wattage	Dimming	Distribution	CCT	Driver Housing	Voltage	Mounting	Accessories	Finish

Catalog Logic

1	2	3	4	5	6	7	8	9
M710	M012L	D	W	30K	NA	UNV	E6		83

1 LIGHT SOURCE & WATTAGES

GU24	(GU24 Socket Only)
M012LD	(12w, 750 lumen, Cree module) Integral driver, 120V, dimming & narrow distribution only.
M009LD	(9w, 850 lumen, Cree module)
M010LD	(10w, 1250 lumen, Cree module)
M016LD	(16w, 2000 lumen, Cree module)

2 DIMMING

D* (Standard 0-10v, TRIAC and ELV dimming)

S (Sunset dimming- Dims smoothly from 2700K to 1800K; **9w only**)

***12w is dimming only, select “D”.**

See page 2 for dimming protocols and limitations.

3 DISTRIBUTION

W (T5 Wide Distribution with Dome LED Lens)

N* (T5 Narrow Distribution with Flat LED Lens)

***12w is narrow only, select “N”.**

4 COLOR TEMPERATURE (CCT)

27K	(2700K)
30K	(3000K) (Not Sunset Dim)
35K	(3500K) (Not Sunset Dim)
40K	(4000K) (Not Sunset Dim)

5 DRIVER HOUSING

RTC	(Driver Canopy)
RTCNC	(Driver Canopy/No Spun Cover)
NA	(Housing not required for 12w)

6 VOLTAGE

UNV (120-277)

7 MOUNTING SOURCES

Arm Mounts (Cast back plate included (CB))

E3 E4 E6 E7 E8

E10 E11 E12 E18

E25

Wall Mounts

WM54

WM317

Stem Mounts

1/2” (13/16” OD Rigid Stems with STC Flat Canopy)

2ST6 2ST12 2ST18 2ST24 2ST36 2ST48

2ST60 2ST72 2ST96

3/4" (1” OD Rigid Stems with STC Flat Canopy)

3ST6 3ST12 3ST18 3ST24 3ST36 3ST48

3ST60 3ST72 3ST96

8 ACCESSORIES

CBC	(Cast back plate Spun Alum Cover)
GR10	(10” Wire Grill)
PC	(Button Photo Cell) Remote Only
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***EMG-LED7**	(7w LED Emergency Driver, remote placement, Cree module only)
***EMG-LED10**	(10w LED Emergency Driver, remote placement, Cree module only)
SC	(Scroll for Arms)
SLC	(Sloped Ceiling Mount, 20° Max)
SQ	(Square Back Plate)
SWL	(Swivel)
TBK	(Turn Buckle Kit)

***For Emergency lumen output data, see Resources section at www.ANPlighting.com.**

9 FINISHES

Standard Grade	Marine Grade		Standard Grade	Marine Grade	
40	NA	Raw Unfinished	53	100	Copper Clay
41	101	Black	56	109	Silver
42	102	Forest Green	61	106	Black Verde
43	114	Bright Red	70	118	Painted Chrome
44	107	White	71	105	Painted Copper
45	112	Bright Blue	72	108	Textured Black
46	123	Sunny Yellow	73	125	Matte Black
47	120	Aqua Green	76	121	Textured Architectural Bronze
49	NA	Galvanized	77	127	Textured White
50	111	Navy	78	124	Textured Silver
51	103	Architectural Bronze	10	130	Aspen Green
52	104	Patina Verde	11	131	Cantaloupe
12	133	Lilac	13	132	Putty

Premium Grade	Marine Grade		Premium Grade	Marine Grade	
81	129	Extreme Chrome	64	116	Candy Apple Red
80	117	Textured Desert Stone	65	122	Cobalt Blue
67	119	Butterscotch	82	128	Graystone
66	115	Caramel	69	113	Gunmetal Gray
68	126	Black Silver	83	134	Oil Rubbed Bronze

Consult factory for additional paint charges and availability

10182018

1-800-548-3227
ANPlighting.com

Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

Made In USA

Illuminating ENGINEERING SOCIETY

LED MODULE SPECIFICATIONS

LED	CCT	Typical Luminous Flux	System Wattage	Typical Efficacy
9W	2700K	850	11W	97
	3000K	850	11W	97
	3500K	850	11W	97
	4000K	850	11W	97
10W	2700K	1250	12W	125
	3000K	1250	12W	125
	3500K	1250	12W	125
	4000K	1250	12W	125
12W	2700K	750	12W	65
	3000K	750	12W	65
	3500K	750	12W	65
	4000K	750	12W	65
16W	2700K	2000	19W	125
	3000K	2000	19W	125
	3500K	2000	19W	125
	4000K	2000	19W	125

MODULE SPECIFICATION:

- Efficacy 65-125 lumens per watt
- Life: L70 50,000 hours
- Color temp: 2700K,3000K,3500K and 4000K
- CRI: >90

MODULE DRIVER SPECIFICATION:

- Input Voltage: 120-277 Volts; 50/60Hz
- Dimmable down to 1%
- 0-10V, TRIAC and ELV dimming protocols are standard.
- Output Current: Constant Current; 440mA to 940mA (model dependent)
- Driver Efficiency > 80%; Power Factor > 0.9
- Integral Surge Protection in conformance to ANSI C62.41 Category A

MODULE LISTINGS

- Fully compliant with the RoHS Directive
- Certifications: CE/UL

WARRANTY

See www.ANPlighting.com for complete fixture warranty.

LED warranty information

- 5 year limited warranty*

*Limited Warranty: A typical year is defined as 4380 hours of operation.

10182018

1-800-548-3227
ANPlighting.com

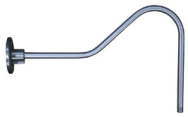
Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

ARM MOUNTS | Dimensions are Projection x Height | CB included with all arms

E3 | 32" x 11 7/8"



E4 | 26" x 14"

E6 | 26" x 9 1/4"

E7 | 41 1/4" x 9 1/8"

E8 | 29 1/4" x 12 1/2"

E10 | 52 1/4" x 18"

E11 | 35 1/4" x 17 1/4"

E12 | 37 3/8" x 2"

E18 | 27 3/4" x 21 3/8"

E25 | 23" x 5 1/4"

Driver Housing

	RTC
	RTCNC

WALL MOUNTS | Dimensions are Projection x Height | POST MOUNTS | Dimensions are Projection x Height

WM54 | 23 3/8" x 18"

WM317 | 15" x 12 3/4"

ACCESSORIES

CBC

EMG-LED

GR10

PC

SC

SLC

SQ

SWL

TBK

10182018

1-800-548-3227
ANPlighting.com

WAC LIGHTING

TYPE D

Fixture Type:

Catalog Number: R3BRD-S930-BN

Project:

Location:

Oculux 3.5"

Downlight Round

Model	Beam	Color Temp & CRI	Lumens	CBCP	Finish
● R3BRD	○ F 50°	○ 927 2700K - 90	895	1170	● BN Brushed Nickel
		○ 927 2700K - 90	895	1205	○ HZWT Haze/White
		○ 927 2700K - 90	950	1308	○ WT White
		◉ 930 3000K - 90	950	1260	
		○ 930 3000K - 90	950	1295	
		○ 930 3000K - 90	950	1408	
	○ N 25°	○ 927 2700K - 90	895	2473	
		○ 927 2700K - 90	895	2617	
		○ 927 2700K - 90	950	2767	
		○ 930 3000K - 90	950	2624	
		○ 930 3000K - 90	950	2812	
		○ 930 3000K - 90	950	2973	
	◉ S 15°	○ 927 2700K - 90	895	4526	
		○ 927 2700K - 90	895	4542	
		○ 927 2700K - 90	950	4776	
		○ 930 3000K - 90	950	4819	
		○ 930 3000K - 90	950	4881	
		○ 930 3000K - 90	950	5132	

R3BRD	S	930	BN

Example: **R3BRD-F927-BN**

DESCRIPTION

Oculux 3.5" is an architectural grade recessed downlight available in an IC-Rated Airtight new construction or IC-Rated remodel housing sold separately. Oculux is Energy Star Rated and CEC Title 24 Compliant with Wet Location listing which means it can be installed in a broad range of applications. 35° visual cutoff provides superb glare reduction. Available in round or square open reflector and adjustable trim options.

FEATURES

- Shallow housing under 4in depth
- Single spot light source
- 5 year warranty

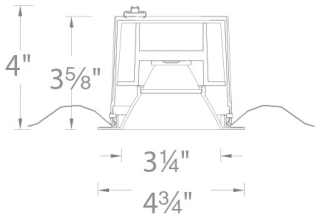
SPECIFICATIONS

Construction:	Die-cast aluminum trim and heat sink
Power:	11W
Light Source:	Integrated LED
	3 Step Mac Adam Ellipse
Rated Life:	50000 Hours
Mounting:	Heavy gauge retention clips support trim firmly
Finish:	Electrostatically Powder Coated White, Enamel Coated Haze/White, Electroplated Brushed Nickel
Operating Temp:	-4°F to 104°F (-20°C to 40°C)
Standards:	ETL, cETL, Wet Location Listed, Energy Star 2.0, Title 24 JA8-2016 Compliant

FINISHES

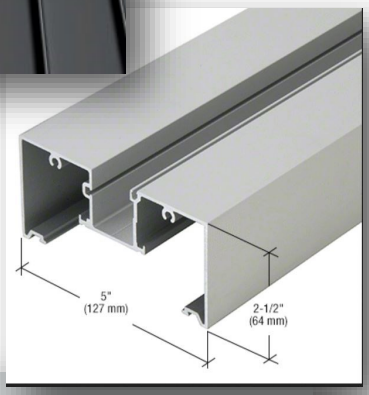
Brushed Nickel | Haze/ White | White

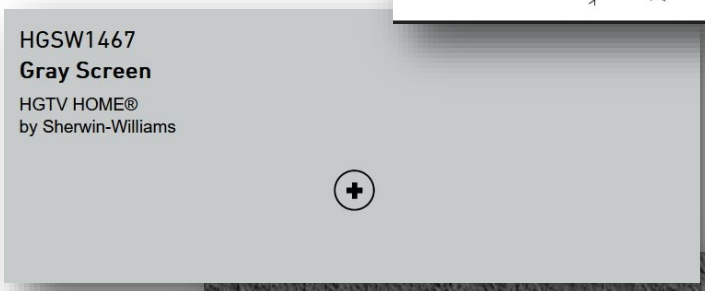
LINE DRAWING

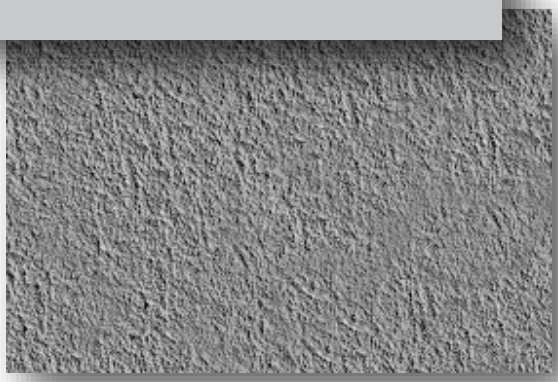



BackYard

Harley Davidson Store
32 Palmetto Bay Road







ROOFING:
PAC CLAD
GRAPHITE

WINDOWS:
YKK STOREFRONT ALUM.
YK1N BLACK ANODIZED

FASCIA & SOFFIT :
SHERWIN WILLIAMS
HGSW1467 GREY SCREEN

CEMENT STUCCO:
STOLIT R1.5
11403 QUARTZPUTZ FINISH

RAILNGS:
POWDERCOATED TO MATCH ROOFING

LIGHTS:
POWDERCOATED TO MATCH ROOFING

pdg ARCHITECTS

INDEX OF DRAWINGS:

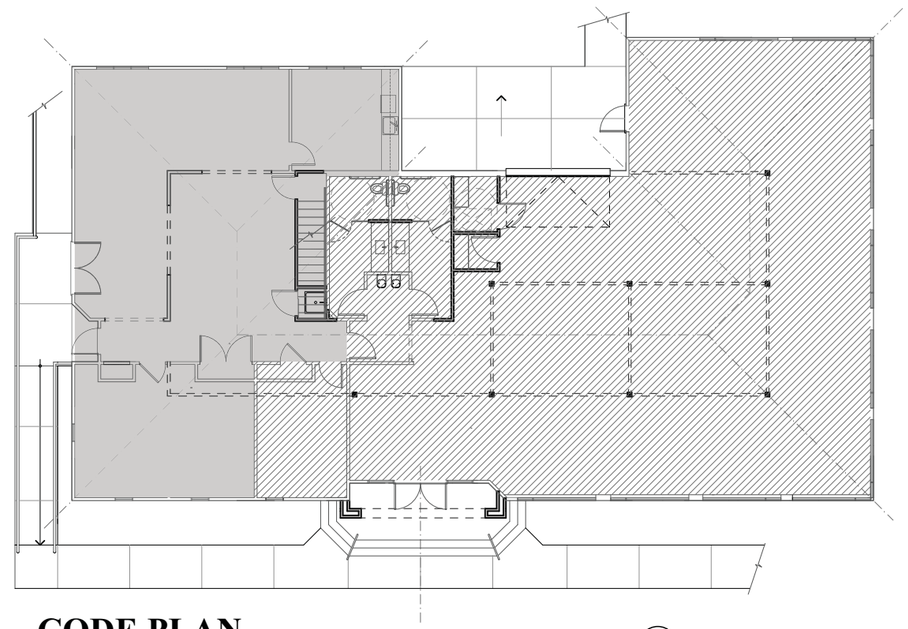
ARCHITECTURAL:

C-0 TITLE SHEET
S-1 SITE PLAN
A-1 FLOOR PLANS

A-5 ELEVATIONS
A-6 ELEVATIONS
A-7 ELEVATIONS
A-8 ELEVATIONS

STRUCTURAL:
MECHANICAL:
ELECTRICAL:
PLUMBING:
CIVIL PLANS:
LANDSCAPE:

CODE REVIEW PLANS:



CODE PLAN

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

1
C-0

CODE ANALYSIS:

SCOPE OF WORK:

THIS PROJECT CONSISTS RENOVATING TYPE 5 OFFICE BUILDING INTO A HARLEY DAVIDSON MERCHINDISE STORE. PARTIAL DEMO OF WALLS, DOORS, INTERIOR FINISHES, MECHANICAL & ELECTRICAL IS INCLUDED. ADDING A NEW INTERIOR STRUCTURAL SYSTEM IN THE MAIN SPACE ALONG W/ NEW WINDOWS & DOORS. A NEW ENTRY ELEMENT IS ALSO INCLUDED.

DESCRIPTON:

1 STORY WOOD FRAMED BUILDING ON AN ELEVATED SLAB. SIDING IS TO BE CEMENT STUCCO W/ METAL STANDING ROOF & STOREFRONT WINDOWS.

Design Criteria for Code Compliance as of: IBC 2018
Occupancy: **MERCANTILE/ STORAGE**
Type of Construction: ~~Protected~~/**Unprotected**
Sprinkler: NO

ALLOWABLE BUILDING AREAS (Table 506.2):

Building Floor Areas:	Actual	Allowed
GROUND LEVEL		
MERCANTILE	2,825 sqft	9,000 sqft
S-1	1,415 sqft	9,000 sqft
Total	4,240 sqft	
RETAIL LEVEL		

OCCUPANCY KEY

STORAGE
MERCANTILE

TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE

OCCUPANCY	WITHOUT SPRINKLER ALLOWED	ACTUAL
MERCANTILE	200 FEET	
STORAGE	200 FEET	

ALLOWABLE HEIGHTS (Table 504.3 AND 504.4):

	Actual	Allowed
Building Height Above Grade:	28'-0"	40'-0"
Building Height in Stories:	1	1

OCCUPANCY CALCULATIONS

EXISTING

USE OF SPACE	FL. AREA IN SQ.FT. PER OCCUPANT	SQ. FT.	OCCUPANCY
MERCANTILE	60 GROSS	2,825	48
S-1 MERCHNADISE STORAGE	300 GROSS	1,415	5
TOTAL			53

PLUMBING CALCULATION

OCCUPANCY	TOTAL	MALE WATERCLOSET REQUIRED	MALE WATERCLOSET PROVIDED	FEMALE WATERCLOSET REQUIRED	FEMALE WATERCLOSET PROVIDED	MALE LAV. REQUIRED	MALE LAV. PROVIDED	FEMALE LAV. REQUIRED	FEMALE LAV. PROVIDED	D.F. REQ.	D.F. PROVIDED	MOP SINK REQ.	MOP SINK PROVIDED
MERCANTILE	48	1/500	1	1/500	1	1/750	1	1/750	1	1	1	1	1
STORAGE													
TOTAL	53		1		1		1		1		1		1

PROJECT TEAM

ARCHITECT:

PDGI ARCHITECTS (TOM PARKER)
10 PALMETTO BUSINESS PARK SUITE 201, HILTON HEAD, SC 29928
843-785-5171
EMAIL: TOM@PDG-ARCHITECTS.COM

CIVIL:

LANDSCAPE:

STRUCTURAL:

CRANSTON ENGINEERING GROUP (JAKE EAVENSON)
14 WESTBURY PARK WAY SUITE 202, BLUFFTON, SC 29910
843-815-3191
EMAIL: JEAVENSON@CRANSTONENGINEERING.COM

MECH., ELECTRICAL, PLUMBING:

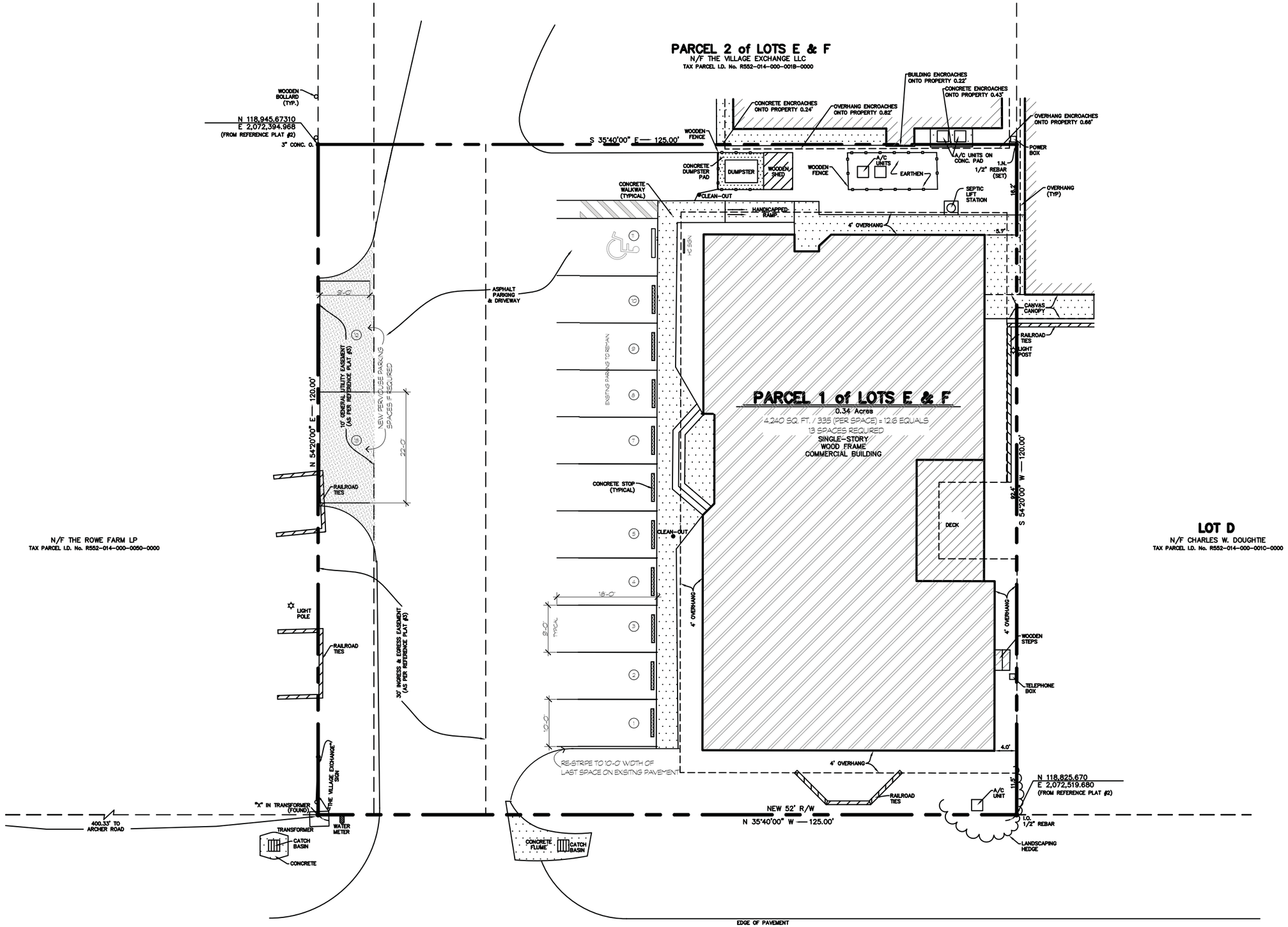
parkerdesigngrouparchitects
843.785.5171 POST OFFICE BOX 5370 HILTON HEAD ISLAND SC 29938
pdg ARCHITECTS

NOT FOR CONSTRUCTION

A Retail building for:
Hilton Head Harley Davidson
#xx Palmetto Bay Road
Hilton Head Island, S.C.

REVISIONS	DATE

DRAWN BY: TP
CHECKED BY:
DATE OF ISSUE: 10/05/21
SCALE:
JOB NO.: xxxx
SHEET: **C.0**
OF SHEETS



PALMETTO BAY ROAD – R/W VARIES
CROSS ISLAND EXTENSION

CONCEPTUAL SITE PLAN

SCALE: 1/8"=1-0"

1
S.1

-

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NOT FOR CONSTRUCTION

A Retail building for:
Hilton Head Harley Davidson
32 Palmetto Bay Road
Hilton Head Island, S.C.

REVISIONS	DATE

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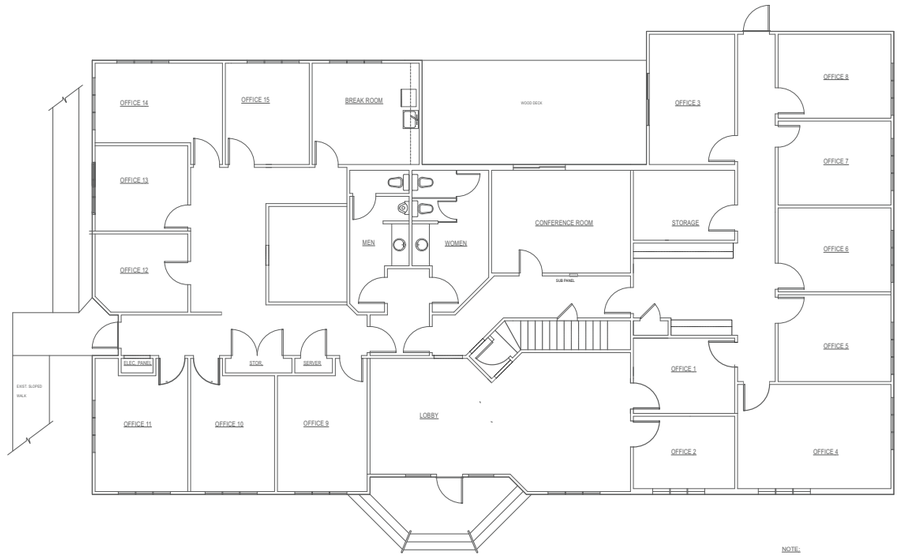
DATE OF ISSUE: 10/05/21
SCALE:
JOB NO.: XXXX
SHEET: **S.1**
OF SHEETS



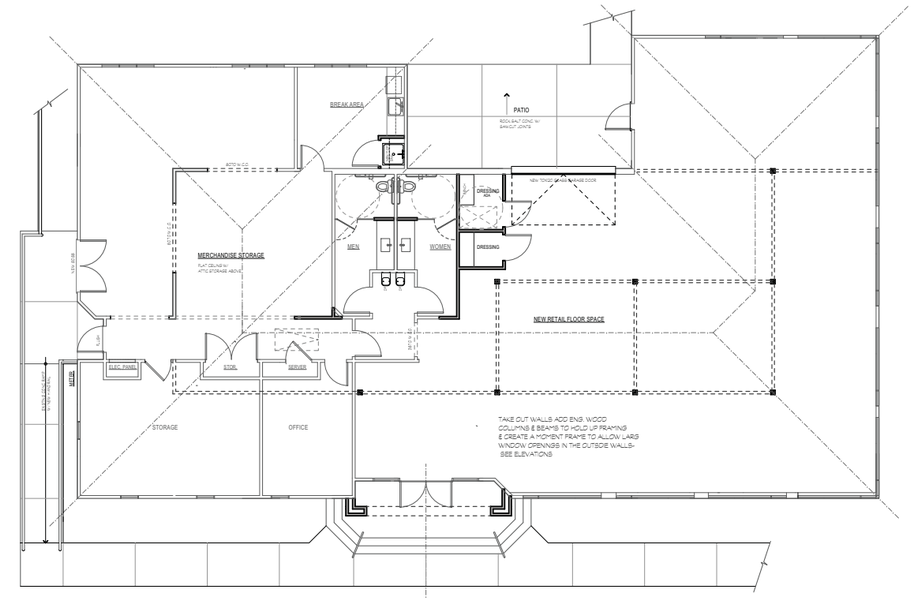
NOTE:

THE LAYOUT AND DIMENSION OF ROOMS AND SPACES SHOWN ON THIS PLAN IS BASED ON DRAWINGS FOR THE EXISTING BUILDING PREPARED BY OTHERS, FIELD OBSERVATION WAS DONE BUT NOT MEASUREMENTS WERE TAKEN TO VERIFY ACTUAL DIMENSIONS.

EXISTING FLOOR PLAN

SCALE: 1/8"-1-0"

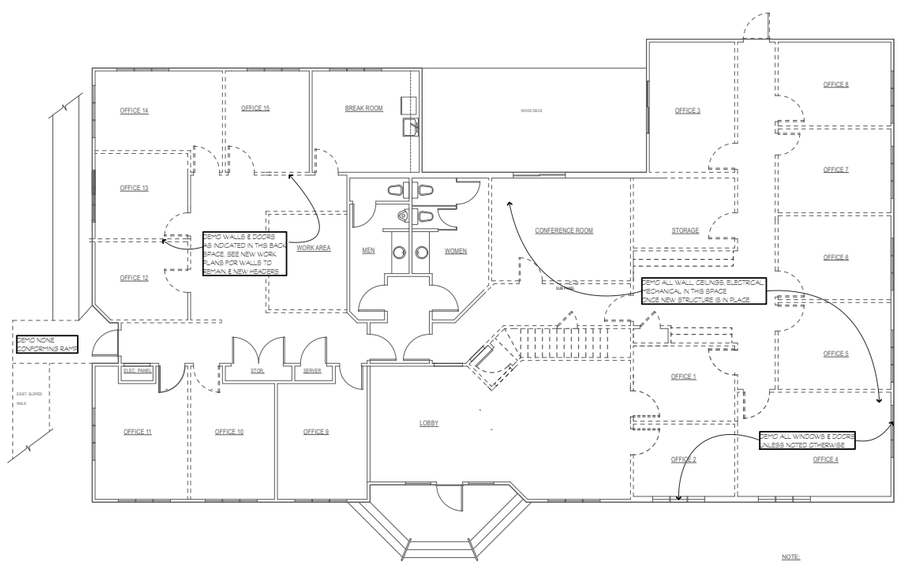
1
A.1



NEW FLOOR PLAN

SCALE: 1/8"-1-0"

3
A.1



NOTE:

THE LAYOUT AND DIMENSION OF ROOMS AND SPACES SHOWN ON THIS PLAN IS BASED ON DRAWINGS FOR THE EXISTING BUILDING PREPARED BY OTHERS, FIELD OBSERVATION WAS DONE BUT NOT MEASUREMENTS WERE TAKEN TO VERIFY ACTUAL DIMENSIONS.

DEMO FLOOR PLAN

SCALE: 1/8"-1-0"

2
A.1

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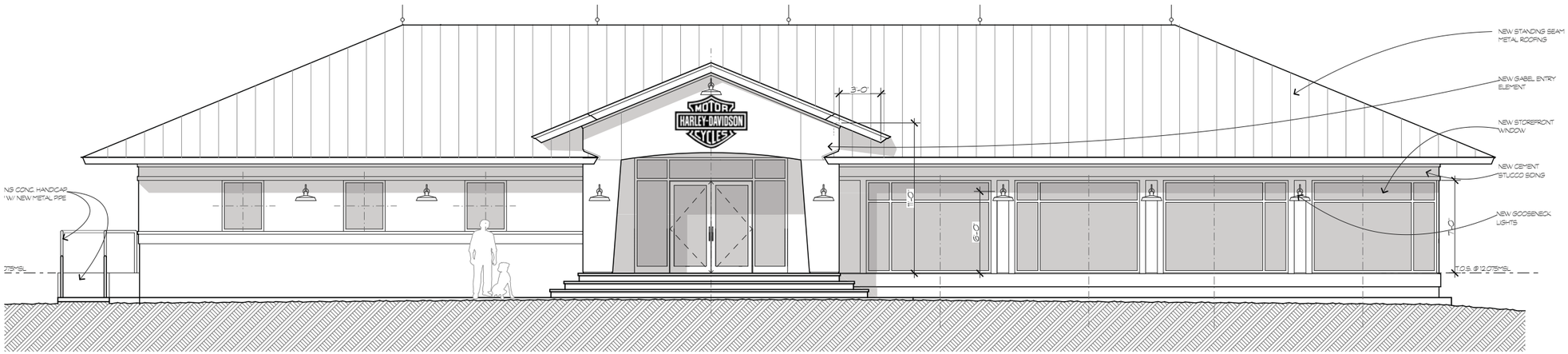
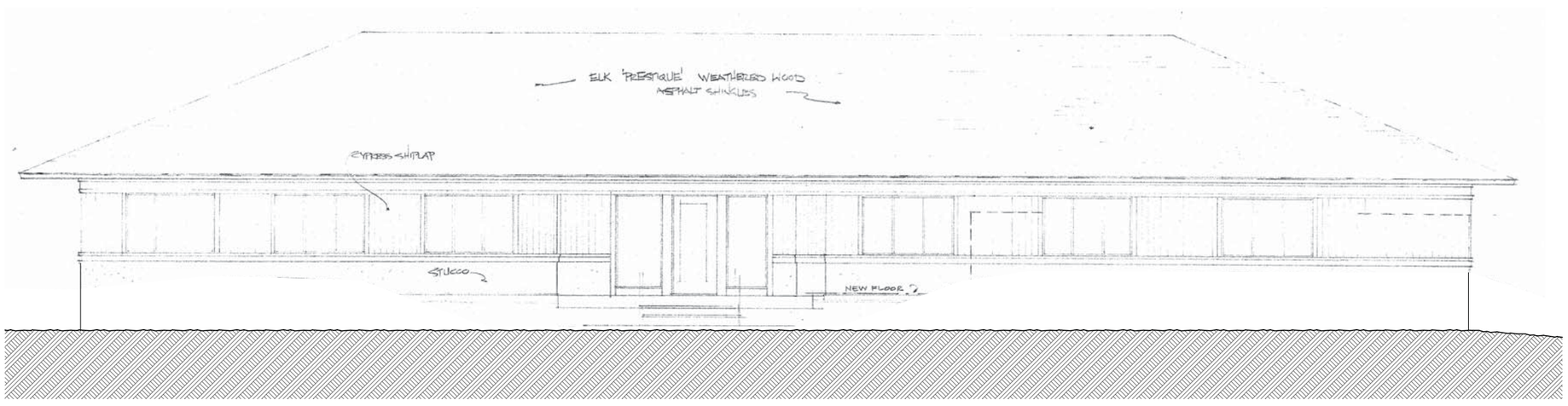
SCALE
JOB NO.
xxxx
SHEET
A.1
OF SHEETS



NEW ENTRY ELEVATION

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

1
A.5



EXISTING ENTRY ELEVATION

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

2
A.5

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NOT FOR CONSTRUCTION

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Hilton Head Island, S.C.

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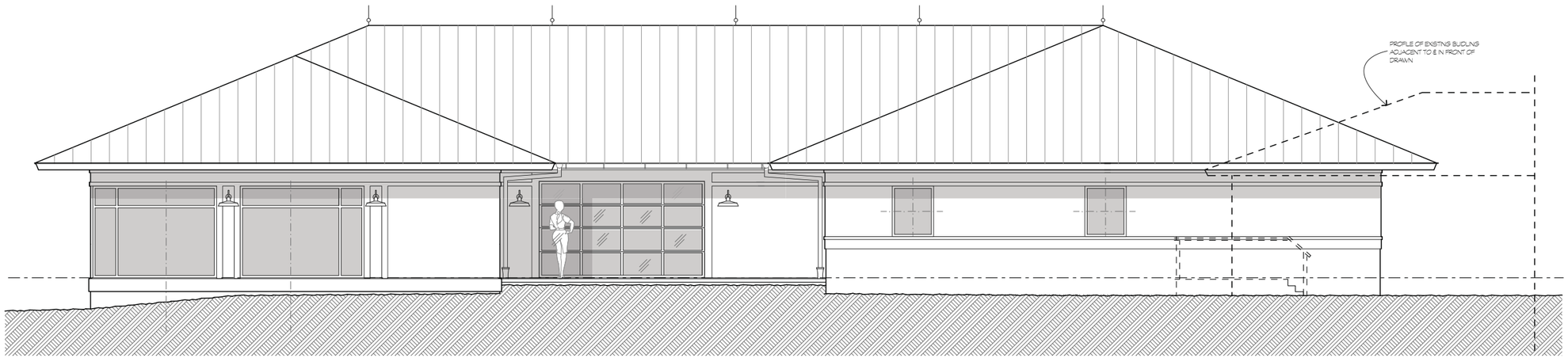
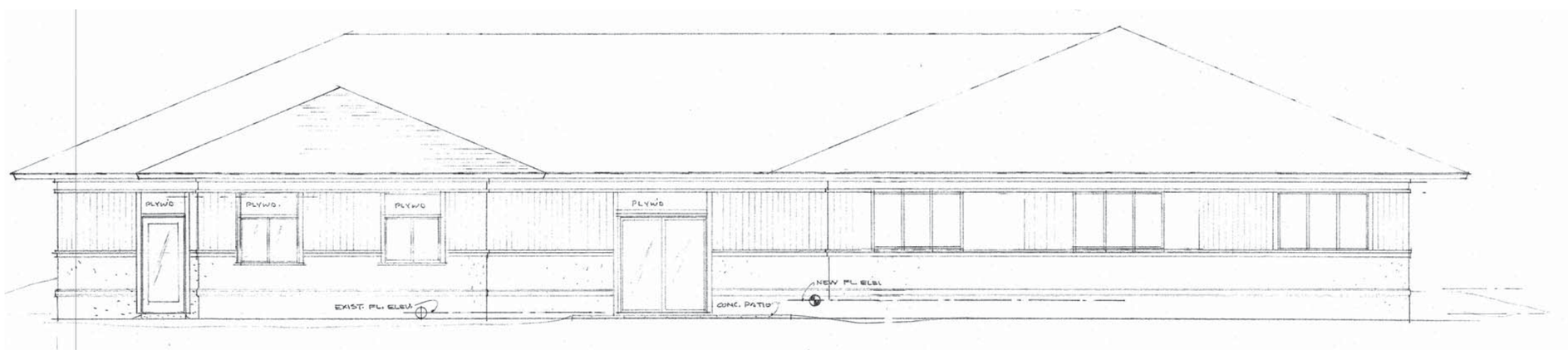


NEW RIGHT SIDE ELEVATION

SCALE: 1/4" = 1-0"

1
A.6



EXISTING RIGHT SIDE ELEVATION

SCALE: 1/4" = 1-0"

2
A.6

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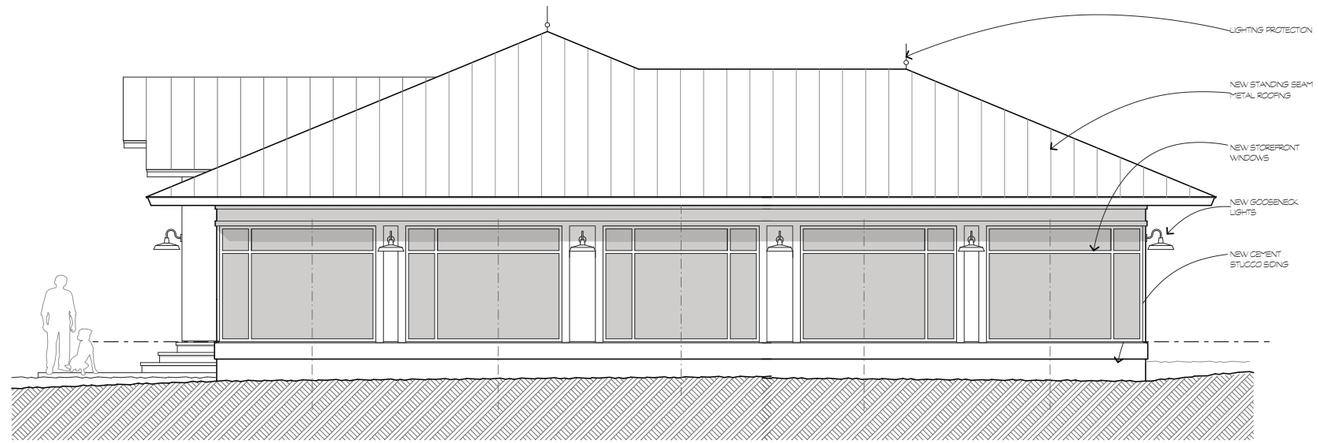
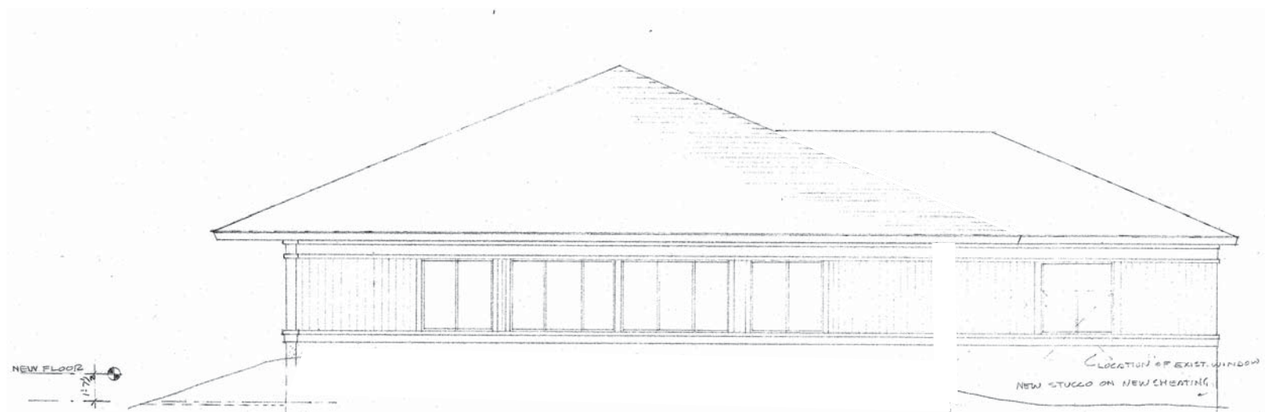


PALMETTO BAY ROAD ELEVATION

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

1
A.7



EXISTING PALMETTO BAY ROAD ELEVATION

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

2
A.6

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pdg ARCHITECTS

NOT FOR CONSTRUCTION

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#xx Palmetto Bay Road
Hilton Head Island, S.C.

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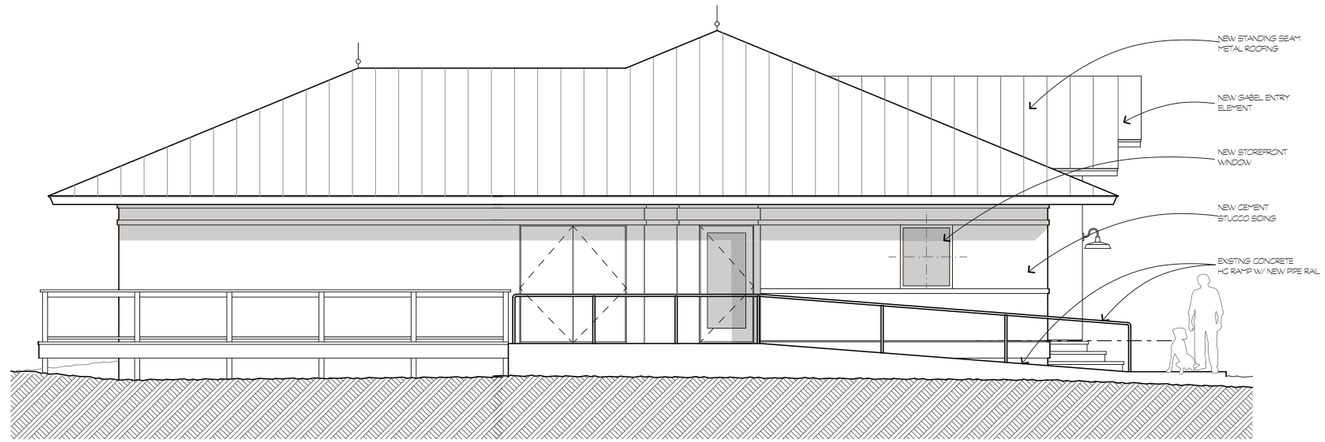
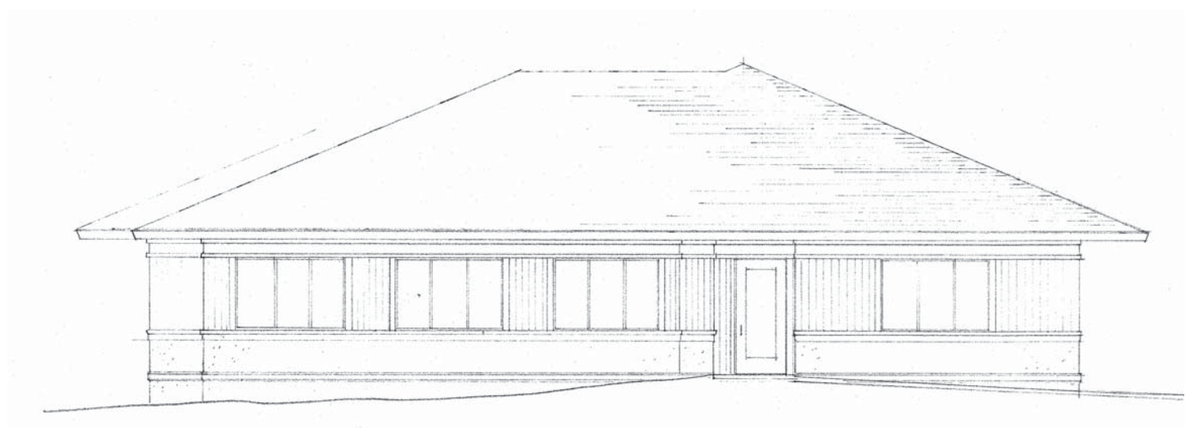


NEW REAR ELEVATION

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

1
A.8



EXISTING REAR ELEVATION

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

2
A.8

parkerdesigngrouparchitects
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pdg ARCHITECTS

NOT FOR CONSTRUCTION

A Retail building for:
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32 Palmetto Bay Road
Hilton Head Island, S.C.

REVISIONS	DATE

DRAWN BY
TP
CHECKED BY
DATE OF ISSUE:
10/05/21
SCALE
JOB NO.
XXXX
SHEET

A.8

OF SHEETS

DESIGN TEAM/DRB COMMENT SHEET

The comments below are staff recommendations to the Design Review Board (DRB) and do NOT constitute DRB approval or denial.

PROJECT NAME: Harley Davidson DRB#: DRB-002394-2021

DATE: 11/01/2021

RECOMMENDATION: Approval ☐ Approval with Conditions ☒ Denial ☐

RECOMMENDED CONDITIONS:

1. Add bollards to protect the existing Live Oak near Palmetto Bay Road.

LANDSCAPE DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Preserves a variety of existing native trees and shrubs	☐	☒	☐	Add bollards to protect the only existing large live oak near Palmetto Bay Road.

MISC COMMENTS/QUESTIONS

1. A Minor DPR is required to add pervious parking.

Town of Hilton Head Island

Community Development Department
One Town Center Court
Hilton Head Island, SC 29928
Phone: 843-341-4757 Fax: 843-842-8908
www.hiltonheadislandsc.gov

FOR OFFICIAL USE ONLY
Date Received:
Accepted by:
DRB #: 2465
Meeting Date:

Applicant/Agent Name: Karla Remegi Company: Subway
Mailing Address: 10 Brams Point Rd. City: HHI State: SC Zip: 29926
Telephone: 843-384-2489 Fax: — E-mail: kremegi@hargray.com
Project Name: Subway Project Address:
Parcel Number [PIN]: R___ ___ ___ ___ ___ ___ ___ ___ ___ ___
Zoning District: Overlay District(s):

CORRIDOR REVIEW, MAJOR
DESIGN REVIEW BOARD (DRB) SUBMITTAL REQUIREMENTS

Digital Submissions may be accepted via e-mail by calling 843-341-4757.

Project Category:

_____ Concept Approval – Proposed Development
_____ Final Approval – Proposed Development
X Alteration/Addition
_____ Sign

Submittal Requirements for ***All*** projects:

_____ Private Architectural Review Board (ARB) Notice of Action (if applicable): When a project is within the jurisdiction of an ARB, the applicant shall submit such ARB's written notice of action per LMO Section 16-2-103.I.4.b.iii.01. Submitting an application to the ARB to meet this requirement is the responsibility of the applicant.

X Filing Fee: Concept Approval-Proposed Development $175, Final Approval – Proposed Development $175, Alterations/Additions $100, Signs $25; cash or check made payable to the Town of Hilton Head Island.

Additional Submittal Requirements:

Concept Approval – Proposed Development

_____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.
_____ A site analysis study to include specimen trees, access, significant topography, wetlands, buffers, setbacks, views, orientation and other site features that may influence design.
_____ A draft written narrative describing the design intent of the project, its goals and objectives and how it reflects the site analysis results.
_____ Context photographs of neighboring uses and architectural styles.
_____ Conceptual site plan (to scale) showing proposed location of new structures, parking areas and landscaping.
_____ Conceptual sketches of primary exterior elevations showing architectural character of the proposed development, materials, colors, shadow lines and landscaping.

Additional Submittal Requirements:

Final Approval – Proposed Development

_____ A final written narrative describing how the project conforms with the conceptual approval and design review guidelines of Sec. 16-3-106.F.3.

_____ Final site development plan meeting the requirements of Appendix D: D-6.F.

_____ Final site lighting and landscaping plans meeting the requirements of Appendix D: D-6.H and D-6.I.

_____ Final floor plans and elevation drawings (1/8"=1'-0" minimum scale) showing exterior building materials and colors with architectural sections and details to adequately describe the project.

_____ A color board (11"x17" maximum) containing actual color samples of all exterior finishes, keyed to the elevations, and indicating the manufacturer's name and color designation.

_____ Any additional information requested by the Design Review Board at the time of concept approval, such as scale model or color renderings, that the Board finds necessary in order to act on a final application.

Additional Submittal Requirements:

Alterations/Additions

_____ All of the materials required for final approval of proposed development as listed above, plus the following additional materials.

_____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.

_X_ Photographs of existing structure.

Additional Submittal Requirements:

Signs

_____ Accurate color rendering of sign showing dimensions, type of lettering, materials and actual color samples.

For freestanding signs:

_____ Site plan (1"=30' minimum scale) showing location of sign in relation to buildings, parking, existing signs, and property lines.

_____ Proposed landscaping plan.

For wall signs:

_____ Photograph or drawing of the building depicting the proposed location of the sign.

_____ Location, fixture type, and wattage of any proposed lighting.

Note: All application items must be received by the deadline date in order to be reviewed by the DRB per LMO Appendix D: D-23.

A representative for each agenda item is strongly encouraged to attend the meeting.

Are there recorded private covenants and/or restrictions that are contrary to, conflict with, or prohibit the proposed request? If yes, a copy of the private covenants and/or restrictions must be submitted with this application. ☐**YES** ☒**NO**

To the best of my knowledge, the information on this application and all additional documentation is true, factual, and complete. I hereby agree to abide by all conditions of any approvals granted by the Town of Hilton Head Island. I understand that such conditions shall apply to the subject property only and are a right or obligation transferable by sale.

I further understand that in the event of a State of Emergency due to a Disaster, the review and approval times set forth in the Land Management Ordinance may be suspended.

Karla Remegi _____ 10-28-21 _____

SIGNATURE DATE

)October 29, 2021

Chris and the Design Review Board,

After going to look at the canopy after installation, taking many photos and realizing you can hardly see it behind the trees, I decided to request an approval to keep only the top part of the canopy as is. I know it will require some further consideration on the part of the Design Review Board.

I realize that I agreed to paint the canopy the metallic grey and I will keep my word per our previous agreement if the DRB does not think my reasoning is sound. However, I am requesting that you consider my thoughts and look at the pictures that I took.

My reasons are as follows:

1. It really looks very nice, especially as it is very near the yellow/green sign on the back of the building. It also is in keeping with the small amount of yellow on the front of the kiosk.

2. The yellow canopy part is actually powdercoated for durability we found out, which will make it difficult to paint. This is the same reason it was not feasible to paint the back of the kiosk.

3. The black legs are NOT powdercoated, and will still be painted to match the back of the kiosk in a metallic gray. The bollards will also all be painted this metallic gray as agreed previously.

4. The foliage around the canopy is substantial. There is a large oak tree overhead, another smaller live oak across the drive-thru lane, and a palmetto tree right beside it. In addition to this, I would propose we put 2-3 holly trees or similar behind the actual structure to blend the whole canopy and legs into the background and soften the back of the building drive-thru.

I will bring a package over tomorrow afternoon with the pictures I took of the canopy to show its minimal visibility.

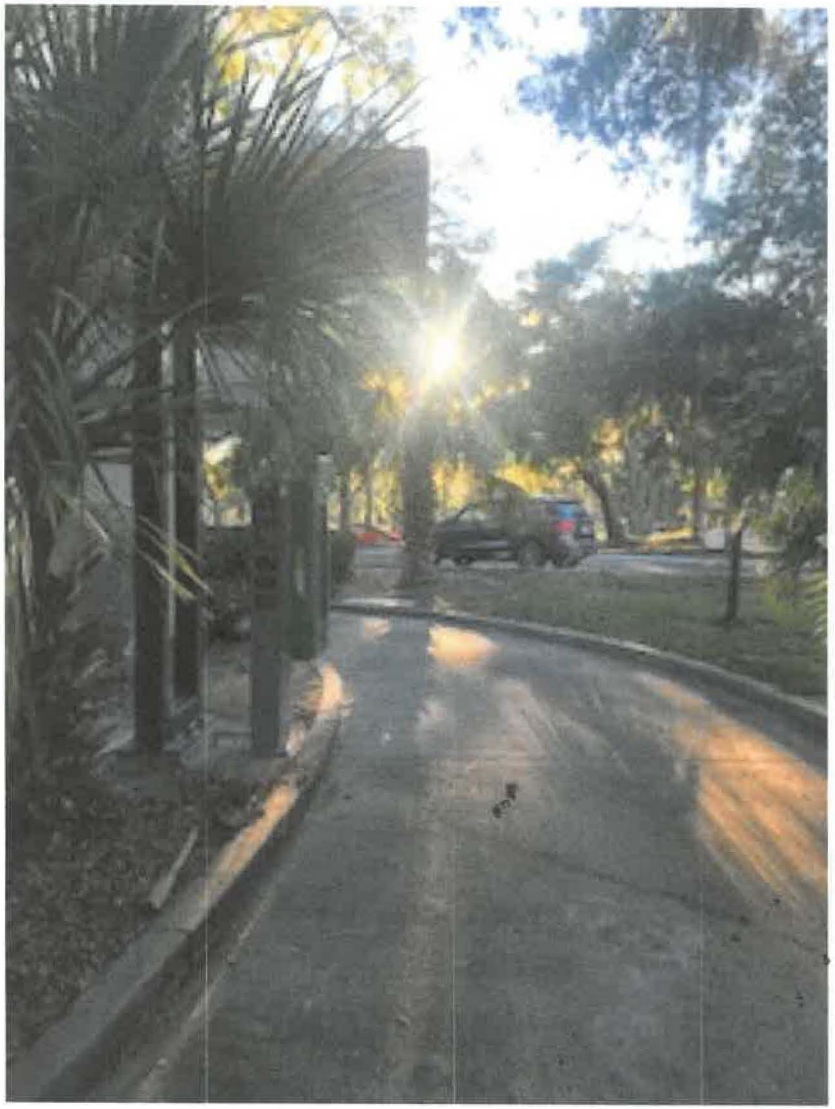
Kind regards,
Karla
843-384-2489

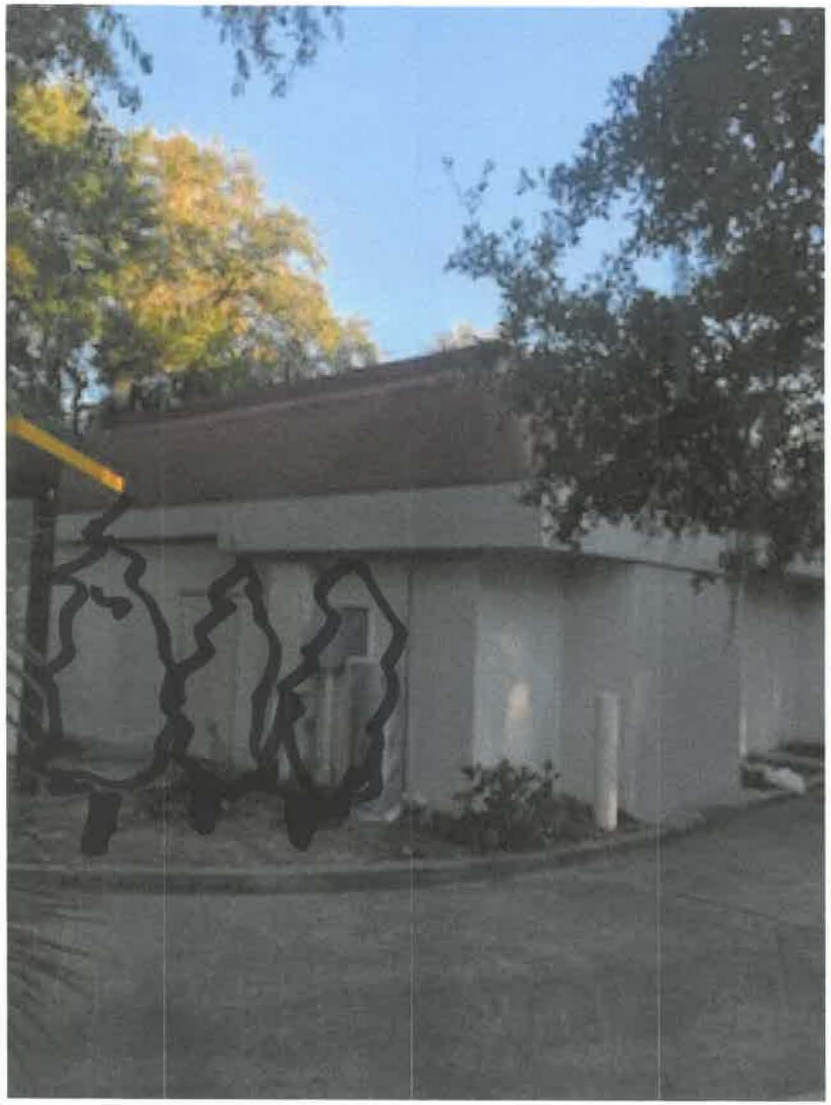
Drive-Thru Lane
Existing plantings

On public street into
shopping center

Proposed plantings

Both taken from drive-thru lane

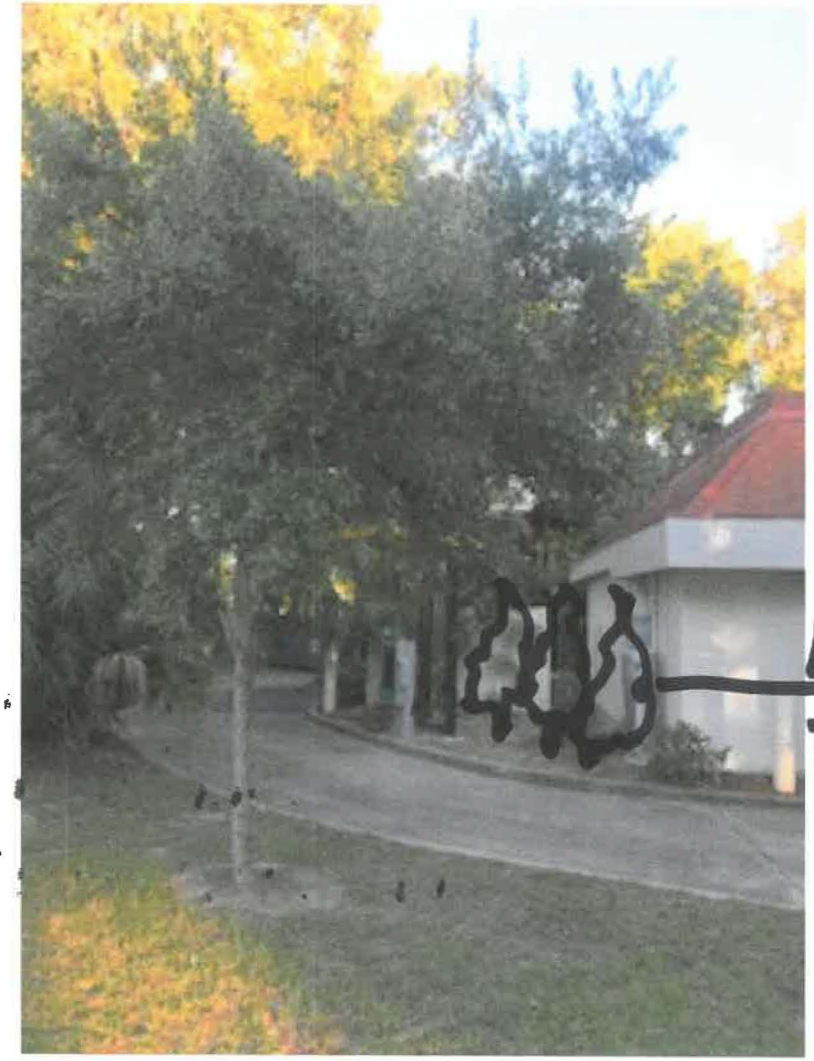




Showing back of
Subway
* Proposed plantings

Drive-thru showing
existing foliage,
large trees overhead

Cannot see canopy



From adjoining public parking lot looking into kiosk/drive thru

DESIGN TEAM/DRB COMMENT SHEET

The comments below are staff recommendations to the Design Review Board (DRB) and do NOT constitute DRB approval or denial.

PROJECT NAME: Subway

DRB#: DRB-002465-2021

DATE: 11/01/2021

RECOMMENDATION: Approval ☐ Approval with Conditions ☐ Denial ☒

RECOMMENDED CONDITIONS:

ARCHITECTURAL DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Utilizes natural materials and colors	☐	☒	☐	Design Guide, page 16, "Earth tones must be chosen as the predominant colors." "Any accent colors shall be of analogous tints, shades, or tones that are low in intensity of brightness. Primary, secondary, and highly saturated, bright tertiary colors should be avoided."

MISC COMMENTS/QUESTIONS

Town of Hilton Head Island

Community Development Department
One Town Center Court
Hilton Head Island, SC 29928
Phone: 843-341-4757 Fax: 843-842-8908
www.hiltonheadislandsc.gov

FOR OFFICIAL USE ONLY
Date Received: _____
Accepted by: _____
DRB #: _____
Meeting Date: _____

Applicant/Agent Name: Tom Parker Jr. Company: PDG| Architects
Mailing Address: PO box 5010 City: HHI State: SC Zip: 29928
Telephone: 843 785 5171 Fax: _____ E-mail: tom@pdg-architects.com
Project Name: Heritage Pavilion Project Address: lot 39 New Orleans Road
Parcel Number [PIN]: R 552 015 00C 0265 000
Zoning District: LC Overlay District(s): _____

CORRIDOR REVIEW, MAJOR
DESIGN REVIEW BOARD (DRB) SUBMITTAL REQUIREMENTS

Digital Submissions may be accepted via e-mail by calling 843-341-4757.

Project Category:

x Concept Approval – Proposed Development
_____ Final Approval – Proposed Development
_____ Alteration/Addition
_____ Sign

Submittal Requirements for ***All*** projects:

na Private Architectural Review Board (ARB) Notice of Action (if applicable): When a project is within the jurisdiction of an ARB, the applicant shall submit such ARB's written notice of action per LMO Section 16-2-103.I.4.b.iii.01. Submitting an application to the ARB to meet this requirement is the responsibility of the applicant.

x Filing Fee: Concept Approval-Proposed Development $175, Final Approval – Proposed Development $175, Alterations/Additions $100, Signs $25; cash or check made payable to the Town of Hilton Head Island.

Additional Submittal Requirements:
Concept Approval – Proposed Development

x A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.
x A site analysis study to include specimen trees, access, significant topography, wetlands, buffers, setbacks, views, orientation and other site features that may influence design.
x A draft written narrative describing the design intent of the project, its goals and objectives and how it reflects the site analysis results.
x Context photographs of neighboring uses and architectural styles.
x Conceptual site plan (to scale) showing proposed location of new structures, parking areas and landscaping.
xx Conceptual sketches of primary exterior elevations showing architectural character of the proposed development, materials, colors, shadow lines and landscaping.

Additional Submittal Requirements:

Final Approval – Proposed Development

_____ A final written narrative describing how the project conforms with the conceptual approval and design review guidelines of Sec. 16-3-106.F.3.

_____ Final site development plan meeting the requirements of Appendix D: D-6.F.

_____ Final site lighting and landscaping plans meeting the requirements of Appendix D: D-6.H and D-6.I.

_____ Final floor plans and elevation drawings (1/8"=1'-0" minimum scale) showing exterior building materials and colors with architectural sections and details to adequately describe the project.

_____ A color board (11"x17" maximum) containing actual color samples of all exterior finishes, keyed to the elevations, and indicating the manufacturer's name and color designation.

_____ Any additional information requested by the Design Review Board at the time of concept approval, such as scale model or color renderings, that the Board finds necessary in order to act on a final application.

Additional Submittal Requirements:

Alterations/Additions

_____ All of the materials required for final approval of proposed development as listed above, plus the following additional materials.

_____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.

_____ Photographs of existing structure.

Additional Submittal Requirements:

Signs

_____ Accurate color rendering of sign showing dimensions, type of lettering, materials and actual color samples.

For freestanding signs:

_____ Site plan (1”=30’ minimum scale) showing location of sign in relation to buildings, parking, existing signs, and property lines.

_____ Proposed landscaping plan.

For wall signs:

_____ Photograph or drawing of the building depicting the proposed location of the sign.

_____ Location, fixture type, and wattage of any proposed lighting.

Note: All application items must be received by the deadline date in order to be reviewed by the DRB per LMO Appendix D: D-23.

A representative for each agenda item is strongly encouraged to attend the meeting.

Are there recorded private covenants and/or restrictions that are contrary to, conflict with, or prohibit the proposed request? If yes, a copy of the private covenants and/or restrictions must be submitted with this application. ☐YES ☑NO

To the best of my knowledge, the information on this application and all additional documentation is true, factual, and complete. I hereby agree to abide by all conditions of any approvals granted by the Town of Hilton Head Island. I understand that such conditions shall apply to the subject property only and are a right or obligation transferable by sale.

I further understand that in the event of a State of Emergency due to a Disaster, the review and approval times set forth in the Land Management Ordinance may be suspended.

W. Thomas Parker Jr. 10/18/2021

SIGNATURE DATE

parkerdesigngrouparchitects
843 785 5171 POST OFFICE BOX 5010 HILTON HEAD ISLAND SC 29938

School Pavilion:

This project consists of an open air picnic pavilion to be built on the lot next to the existing campus. The pavilion will be used for outdoor teaching, eating lunch, & programs. There is also a paved area for basketball and an outdoor demonstration garden area.

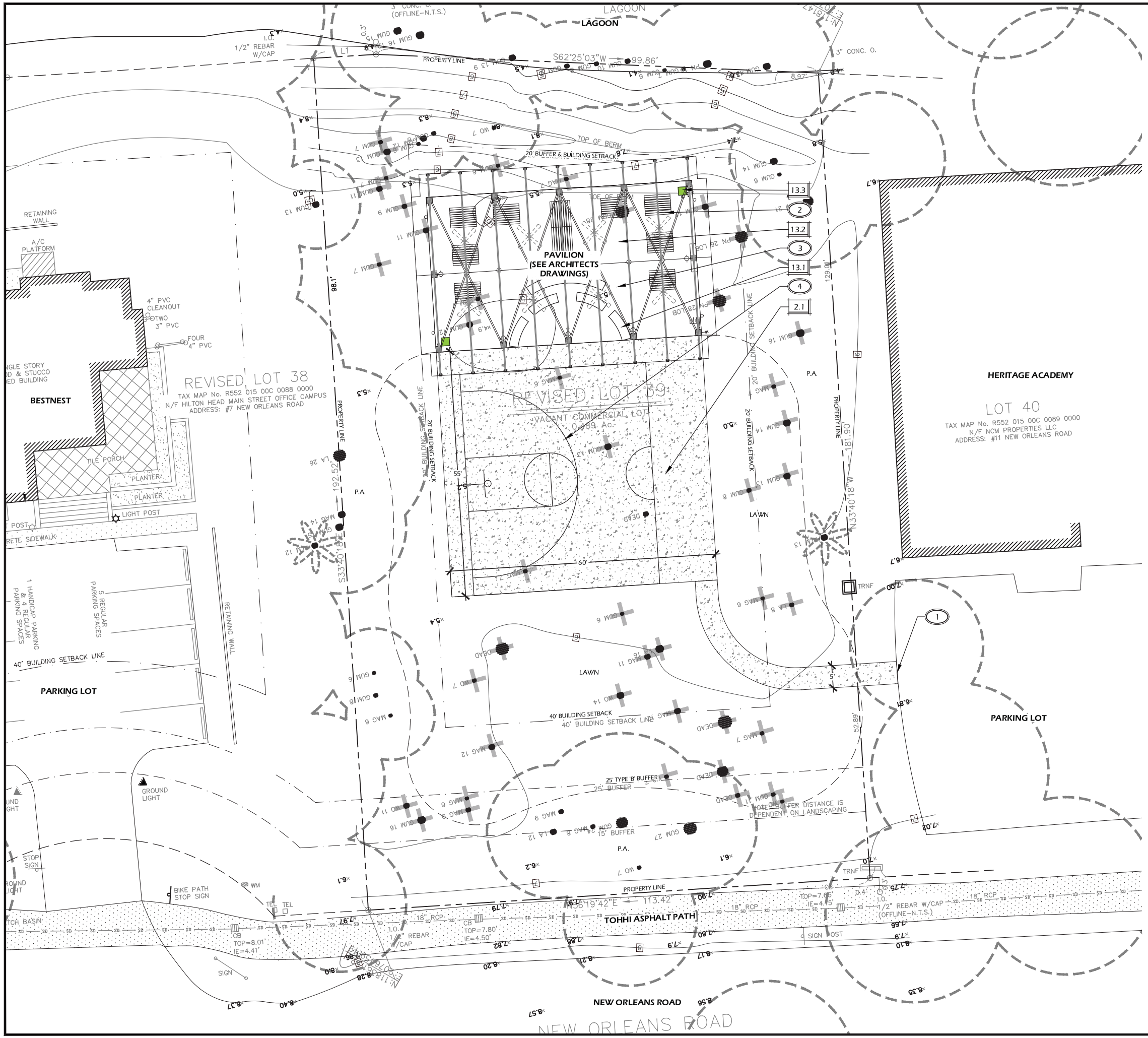
The structure is heavy timber and cmu stucco columns. The colors and materials are to match the existing buildings on the campus. The roofing will be asphalt to match the other buildings and the roof structure is an exposed truss system.

Thank-you for your time and consideration of this project.

W. Thomas Parker Jr.

W. Thomas Parker Jr. AIA LEED

pdg ARCHITECTS



PAVING SCHEDULE

CALL-OUT	SYMB.	DESCRIPTION	DETAIL
2.1		PEDESTRIAN CONCRETE PAVING	1/L600
2.2		JOINTS	2/L600

NOTE: MATERIAL SYMBOLS / HATCHES ARE GRAPHIC IN NATURE AND ARE NOT INTENDED TO BE TO SCALE. REFER TO SITE DETAILS AND LAYOUT PLANS FOR SIZES AND DIMENSIONS.

SITE FURNISHINGS SCHEDULE

CALL-OUT	SYMB.	QTY.	DESCRIPTION	DETAIL
13.1		6	BENCH	4/L600
13.2		10	TABLE & BENCHES	4/L600
13.3		2	TRASH CAN	4/L600

NOTE: SITE FURNISHING SYMBOLS ARE GRAPHIC IN NATURE AND ARE NOT INTENDED TO BE TO SCALE. REFER TO SITE DETAILS FOR SIZES AND DIMENSIONS.

KEY SHEET REFERENCE NOTES:

P.A. PLANTING AREA, TYP., REFER TO PLANTING PLANS

1. TIE PROPOSED CONCRETE INTO EXISTING ASPHALT EVENLY AND SMOOTHLY.
2. FINAL LOCATION OF SITE FURNISHINGS TO BE APPROVED IN FIELD BY LANDSCAPE ARCHITECT PRIOR TO FINAL PLACEMENT / INSTALLATION.
3. PROPOSED PAVILION BY ARCHITECT, SEE SEPARATE PLAN SET.
4. SPORT COURT STRIPING AND BASKETBALL HOOP. FINAL LAYOUT AND COLOR SCHEME TO BE SUBMITTED TO TOWN STAFF FOR APPROVAL.

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THIS SHEET TO SCALE AT: 24"X36"

SITE DEVELOPMENT PLANS FOR OUTDOOR PAVILION

HERITAGE ACADEMY

HILTON HEAD ISLAND, SOUTH CAROLINA

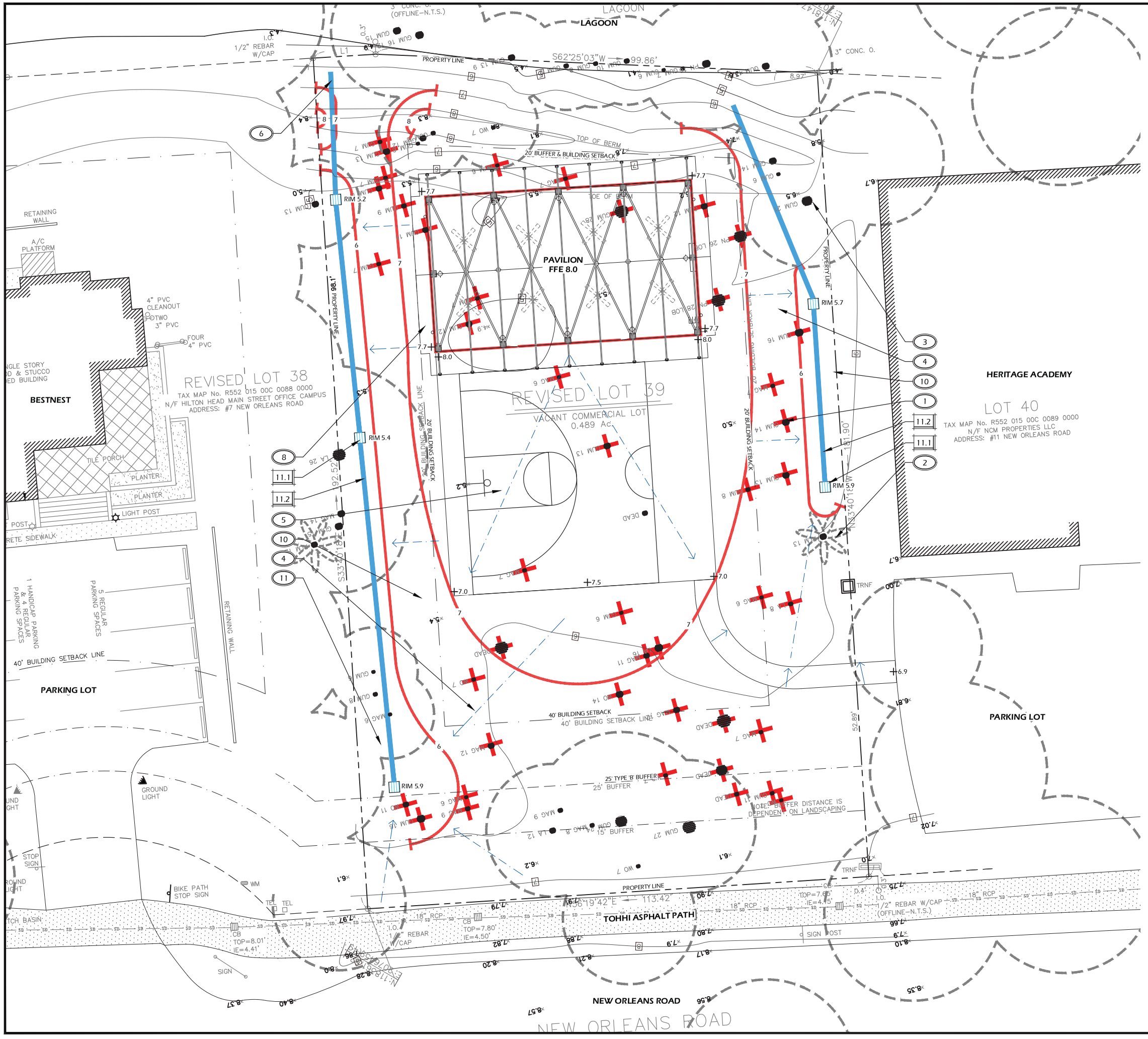
DATE:	OCT 05, 2021
PROJECT NO.:	XXXXX.XX
DRAWN BY:	JC
CHECKED BY:	DK

PRELIMINARY SUBMITTAL PLAN, NOT FOR CONSTRUCTION

REVISIONS:

DRAWING TITLE
KEY SHEET

DRAWING NUMBER
L100



DRAINAGE LEGEND

CALL-OUT	SYMB.	DESCRIPTION	DETAIL
11.1		18" AREA DRAIN	3/L600
11.2		12" SOLID HDPE PIPE	

NOTE: DRAINAGE SYMBOLS ARE GRAPHIC IN NATURE AND ARE NOT INTENDED TO BE TO SCALE. REFER TO SITE DETAILS FOR SIZES AND DIMENSIONS.

GRADING LEGEND

SYMB.	DESCRIPTION
+	SPOT GRADE
	DRAINAGE ARROW
	PROPOSED CONTOUR MAJOR
	PROPOSED CONTOUR MINOR
	EXISTING GRADE

GRADING ABBREVIATIONS

ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
BC	BOTTOM OF CURB	HP	HIGH POINT
BS	BOTTOM OF STEP	RIM	TOP OF DRAIN
BW	BOTTOM OF WALL	TC	TOP OF CURB
FFE	FINISHED FLOOR ELEVATION	TS	TOP OF STEP
FG	FINISHED GRADE	TW	TOP OF WALL
LP	LOW POINT		

GRADING REFERENCE NOTES:

1. TREE TO BE REMOVED, TYP.
2. TREE TO REMAIN, TYP.
3. MINIMIZE DISTURBANCE AROUND TREES TO REMAIN.
4. PITCH TO DRAIN INLET AT 2% MIN. (LAWN AREAS)
5. PITCH TO DRAIN INLET AT 1% MIN., 2% MAX. (HARDSCAPE AREAS).
6. CONNECT DRAIN PIPE TO DRAINAGE STRUCTURE, REFER TO CIVIL ENGINEERS PLANS.
7. FIELD LOCATE DRAIN LINE TO AVOID EXISTING TREE ROOTS.
8. CONTRACTOR SHALL TIE GUTTER DOWNSPOUTS INTO SUBSURFACE DRAINAGE SYSTEM WHENEVER POSSIBLE.
9. TIE INTO EXISTING GRADE. MEET SMOOTHLY AND EVENLY.
10. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING AND ADJACENT PROPERTY LINES.
11. DIRECT STORMWATER TOWARDS STREET OR EXISTING DRAINAGE DITCH, DRAINAGE SHALL NOT BE DIRECTED TOWARDS ADJACENT PROPERTY. **CONTRACTOR SHALL PROVIDE SUPPLEMENTAL AREA DRAINS, FRENCH DRAINS, AND DRY WELLS AS REQUIRED TO PROMOTE PROPER STORMWATER DRAINAGE, REFER TO DETAILS.**

0 5 10 15 20 25 30 35 40
Scale 1" = 10'

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THIS SHEET TO SCALE AT: 24"X36"

SITE DEVELOPMENT PLANS FOR OUTDOOR PAVILION

HERITAGE ACADEMY
HILTON HEAD ISLAND, SOUTH CAROLINA

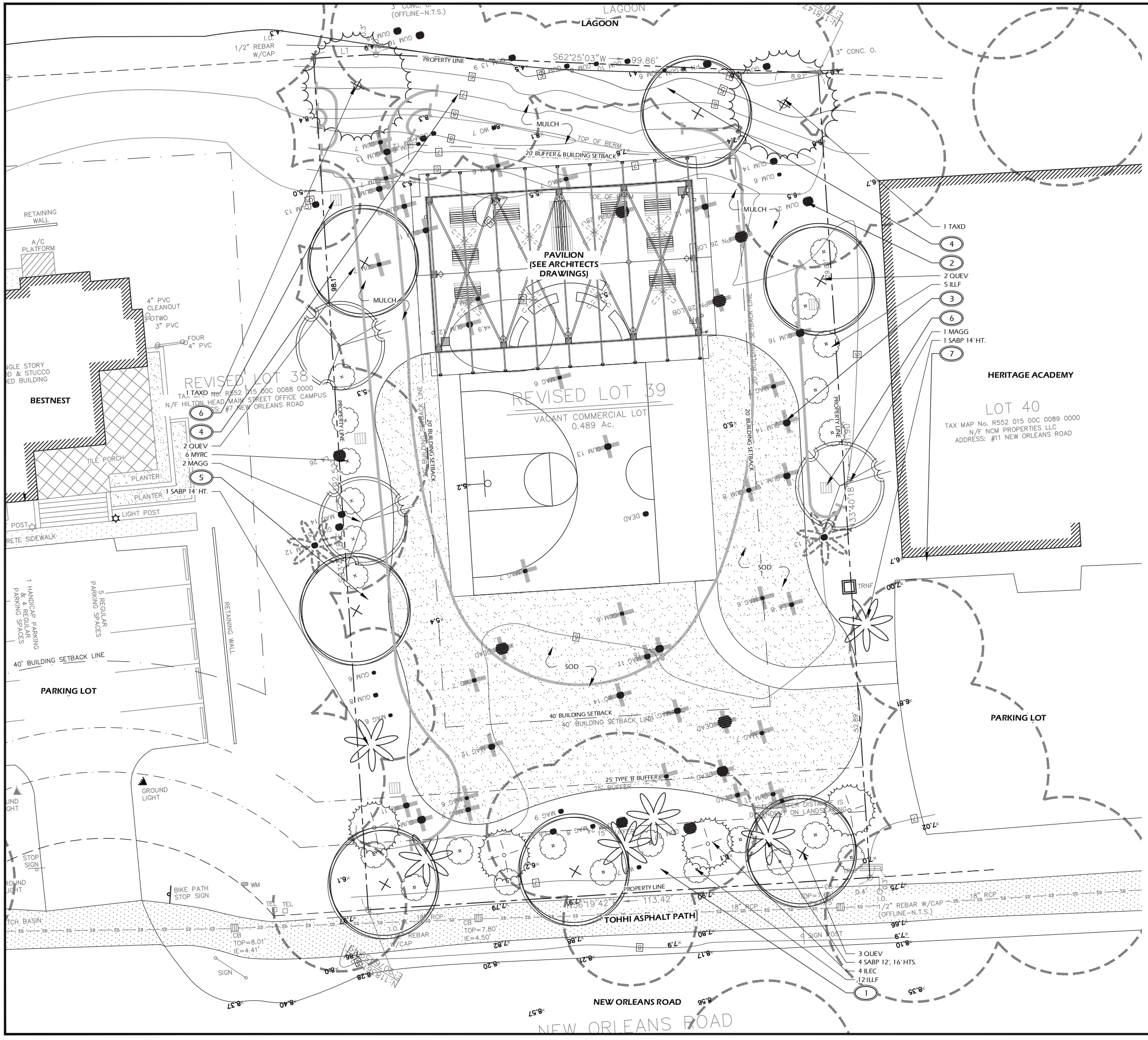
DATE:	OCT 05, 2021
PROJECT NO.:	XXXXX.XX
DRAWN BY:	JC
CHECKED BY:	DK

PRELIMINARY SUBMITTAL PLAN, NOT FOR CONSTRUCTION

REVISIONS:

DRAWING TITLE
GRADING PLAN

DRAWING NUMBER
L300



PLANTING DETAILS

CALL-OUT	DESCRIPTION	DETAIL
14.1	TREE PLANTING	1/L501
14.2	PALM TREE PLANTING	2/L501
14.3	SHRUB PLANTING	3/L501
14.4	GROUND COVER PLANTING	4/L501

PLANT KEY LEGEND

Abbrev	Botanical Name	Common Name
TREES		
MAGG	Magnolia grandiflora	Southern Magnolia
QUEV	Quercus virginiana	Live Oak
SABP	Sabal palmetto	Cabbage Palm
TAXD	Taxodium distichum	Bald Cypress
UNDERSTORY TREES		
ILEC	Ilex cassine	Dahoon Holly
MYRC	Myrica cerifera	Wax Myrtle
SHRUBS		
ILLF	Illicium floridanum	Florida Anise
SOD & MULCH		
SOD-SF	-	Empire Zoysia Sod
MULCH-SF	Pine Straw - all disturbed areas	Pine Straw

PLANTING REFERENCE NOTES:

1. EXISTING VEGETATION TO REMAIN.
2. EXISTING TREES TO REMAIN.
3. EXISTING TREES TO BE REMOVED.
4. SELECTIVELY THIN AND UNDERBRUSH, REMOVE DEAD LIMBS AND PINE STRAW DISTURBED AREAS ± 15'.
5. MULCH DISTURBED AREAS DUE TO CONSTRUCTION.
6. PROTECT AREA DRAIN FROM CLOGGING DURING INSTALLATION OF PLANTS AND MULCH. MAINTAIN FUNCTIONALITY AND POSITIVE PITCH TO DRAIN.
7. COORDINATE IRRIGATION CONTROLLER LOCATION WITH CIVIL ENGINEER.

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SITE DEVELOPMENT PLANS
FOR
OUTDOOR PAVILION
HERITAGE ACADEMY
HILTON HEAD ISLAND, SOUTH CAROLINA

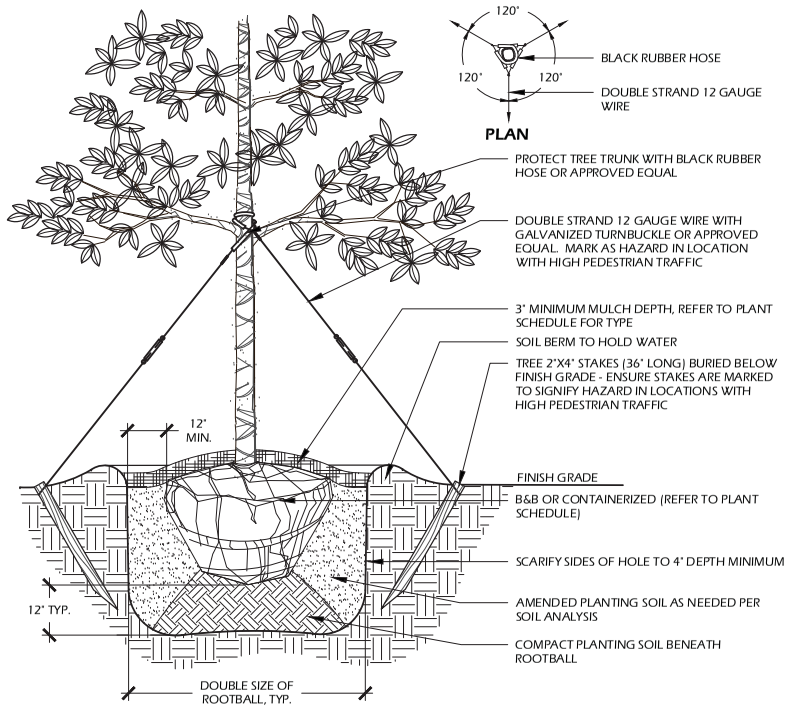
DATE:	OCT 05, 2021
PROJECT NO.:	XXXXX.XX
DRAWN BY:	JC
CHECKED BY:	DK

PRELIMINARY SUBMITTAL PLAN, NOT FOR CONSTRUCTION

REVISIONS:

DRAWING TITLE
PLANTING PLAN

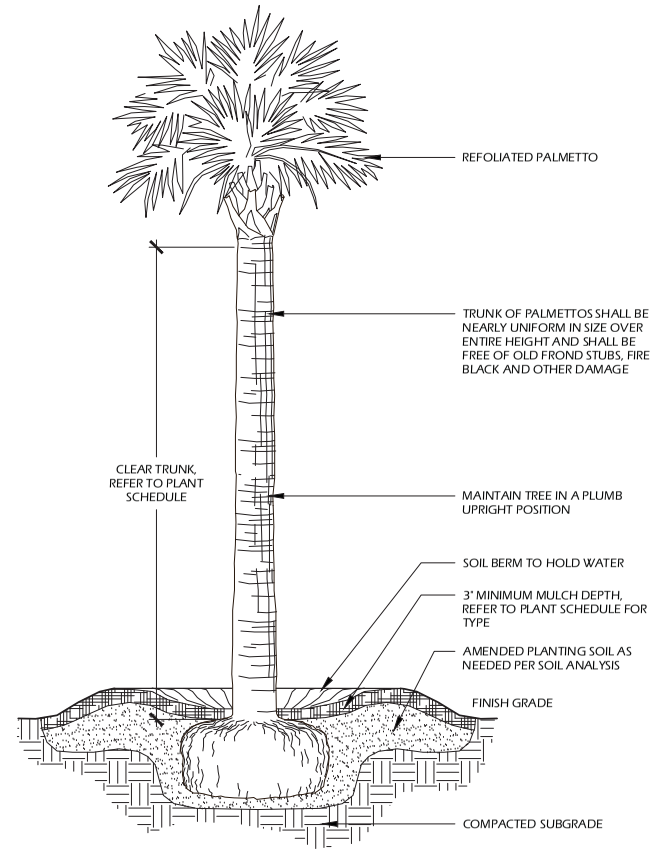
DRAWING NUMBER
L500



NOTES:

1. TREE STAKING OPTIONAL, HOWEVER, LANDSCAPE CONTRACTOR RESPONSIBLE FOR MAINTAINING TREES IN AN UPRIGHT (90 DEGREE/ PERPENDICULAR) POSITION FOR 1 YEAR AFTER PLANTING IS COMPLETE OR UNTIL TREE ROOT SYSTEM IS FULLY ESTABLISHED AND STURDY. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER'S REPRESENTATIVE.
2. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
3. IN SEMHMPERVIOUS SOIL CONDITIONS, ROOTBALL ELEVATION SHALL BE 2" ABOVE FINISH GRADE. COORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO SETTING ROOTBALL ELEVATIONS.

1 // L501 TREE PLANTING
SCALE: N.T.S.



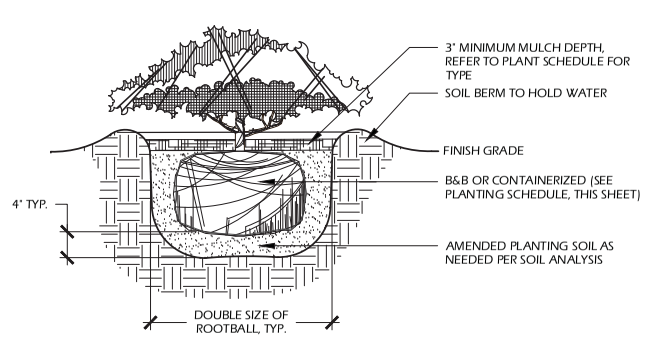
NOTES:

1. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER OR OWNER'S REPRESENTATIVE,
2. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
3. SABAL PALMETTOS SHALL BE REFOLIATED, PROTECT CABBAGE HEAD FROM DAMAGE.

2 // L501 PALM TREE PLANTING
SCALE: N.T.S.

PLANT SCHEDULE:

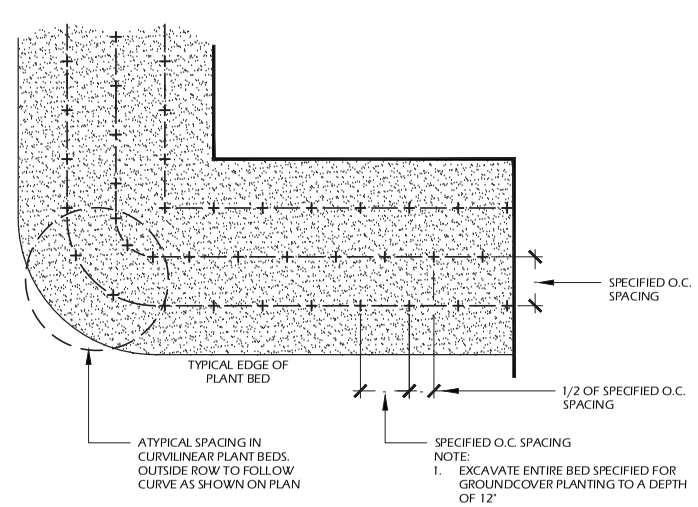
Quantity	Abbrev	Botanical Name	Common Name	Height	Spread	Container	Cal./Spacing	Notes
TREES								
3	MAGG	Magnolia grandiflora	Southern Magnolia	12'-14'	6'-7'	Cont.	2" min.	Full to ground
7	QUEV	Quercus virginiana	Live Oak	14'-16'	6'-8'	Cont.	4"	Full
6	SABP	Sabal palmetto	Cabbage Palm	12'-16'	-	Cont.	-	Refoliated, full clear trunk, refer to plan for heights
2	TAXD	Taxodium distichum	Bald Cypress	14'-16'	6'-8'	Cont.	4"	Full
UNDERSTORY TREES								
4	ILEC	Ilex cassine	Dahoon Holly	6'-7'	3'-4'	15 gal.	-	Full
6	MYRC	Myrica cerifera	Wax Myrtle	4'-5'	2'-3'	15 gal.	-	Full
SHRUBS								
17	ILLF	Illicium floridanum	Florida Anise	30"-36"	24"-30"	7 gal.	-	Full
SOD & MULCH								
6400	SOD-SF	-	Empire Zoysia Sod	-	-	-	-	-
9000	MULCH-SF	Pine Straw - all disturbed areas	Pine Straw	-	-	-	-	-



NOTES:

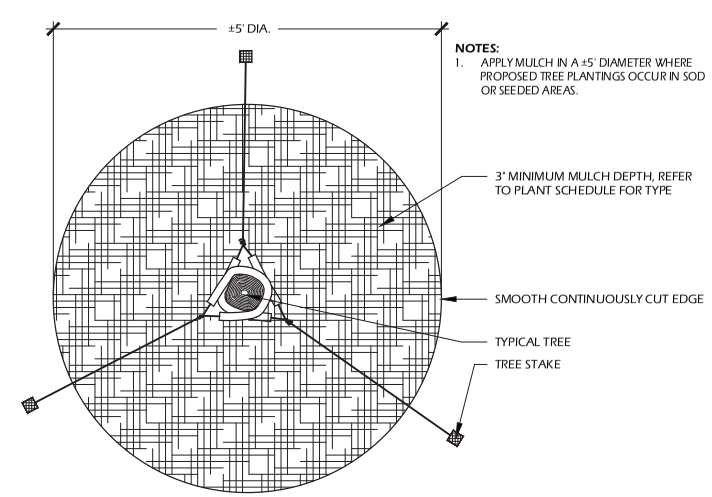
1. WHEN GROUNDCOVERS AND SHRUBS ARE USED IS MASSES, ENTIRE BED TO BE EXCAVATED TO RECEIVE PLANTING SOIL AND PLANT MATERIAL.
2. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
3. IN SEMHMPERVIOUS SOIL CONDITIONS, ROOTBALL ELEVATION SHALL BE ±2" ABOVE FINISH GRADE. COORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO SETTING ROOTBALL ELEVATIONS.

3 // L501 SHRUB PLANTING
SCALE: N.T.S.



NOTE:
1. EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER PLANTING TO A DEPTH OF 12"

4 // L501 GROUND COVER PLANTING
SCALE: N.T.S.



NOTES:

1. APPLY MULCH IN A ±5' DIAMETER WHERE PROPOSED TREE PLANTINGS OCCUR IN SOD OR SEEDED AREAS.

5 // L501 TREE STAKING
SCALE: N.T.S.

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THIS SHEET TO SCALE AT: 24"X36"

SITE DEVELOPMENT PLANS
FOR
OUTDOOR PAVILION
HERITAGE ACADEMY
HILTON HEAD ISLAND, SOUTH CAROLINA

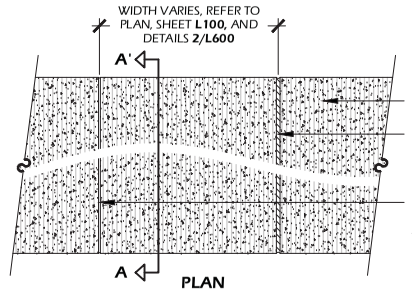
DATE:	OCT 05, 2021
PROJECT NO.:	XXXXX.XX
DRAWN BY:	JC
CHECKED BY:	DK

PRELIMINARY SUBMITTAL PLAN, NOT FOR CONSTRUCTION

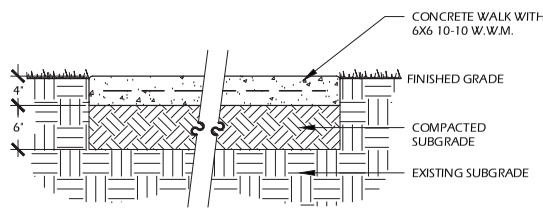
REVISIONS:

DRAWING TITLE
PLANT SCHEDULE AND DETAILS

DRAWING NUMBER
L501



PLAN



SECTION A-A'

CONCRETE INFORMATION:

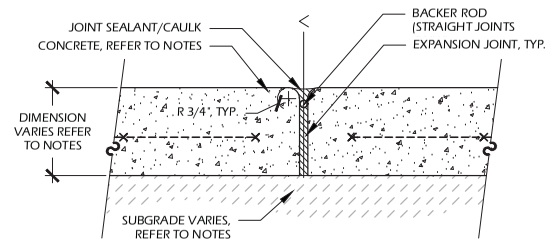
CONCRETE: 3,000 P.S.I. AT 28 DAYS
FINISH: LIGHT BROOM FINISH

SOIL INFORMATION:

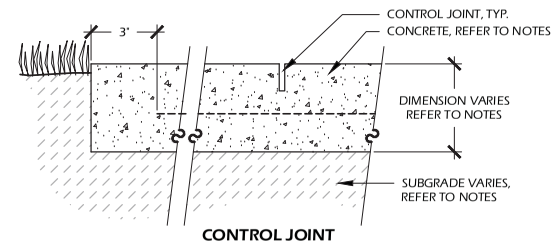
SOIL COMPACTION: 95% STANDARD PROCTOR

NOTES:
1. PROVIDE 1% MIN, 2% MAX. CROSS SLOPE ON ALL PAVED SURFACES FOR POSITIVE DRAINAGE.
2. REFER TO PLAN **(SHEET L100)** FOR WIDTHS OF WALK.
3. CONSTRUCT EXPANSION JOINTS WHERE WALK MEETS CURBS, STEPS, WALLS OR FIXED SLABS.

1 // L600 PEDESTRIAN CONCRETE PAVING
SCALE: 1" = 1'-0"



EXPANSION JOINT



CONTROL JOINT

EXPANSION JOINT INFORMATION:

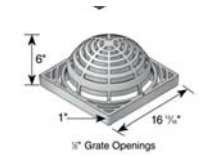
STRAIGHT JOINT: 3/8" PREFORMED FIBER EXPANSION JOINT.
CURVED JOINTS: POLYETHYLENE CLOSED CELL FLEXIBLE EXPANSION JOINT.

CONTROL JOINT INFORMATION:

CONTROL JOINT: SAW CUT 1/4" CONTROL JOINT TO 1/4" THE THICKNESS OF THE SLAB.

NOTES:
1. LOCATE EXPANSION JOINTS AT 24' O.C. MIN. OR 30' O.C. MAX. AND PROVIDE EXPANSION JOINTS AT LOCATIONS ADJACENT TO ALL EXISTING CONCRETE.
2. REFER TO KEY SHEET **L100** FOR MATERIALS.
3. FOR DEPTHS AND SUBGRADE OF CONCRETE REFER TO DETAIL(S) **1/L600**

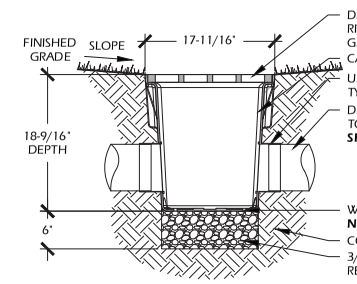
2 // L600 CONSTRUCTION JOINTS
SCALE: 3" = 1'-0"



Part No.	Description	Color	Pkg. Qty.	Wt. Ea. (lbs.)	Product Class	Specifications
1881	18" x 18" Atrium Grate	Black	2	6.51	10ND	18" Structural Foam Polyolefin Dome Atrium Grate with UV inhibitor. Open surface area 89.40 square inches. 273.49 GPM.
1891	18" x 18" Atrium Grate	Green	2	6.51	10ND	
	Use with 18" x 18" Catch Basin Series.					

MANUFACTURER INFO:
NATIONAL DIVERSIFIED SALES, INC.
851 N. HARVARD AVE.
LINDSAY, CA. 93247
PHONE: (800) 726.1994
WEB: WWW.NDSPRO.COM

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. ADDITIONAL COVER MAY BE REQUIRED BASED ON SITE CONDITIONS. 12" COVER REQUIRED TO OBTAIN AN H-10 LOAD RATING.
3. DO NOT SCALE DRAWING.
4. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY.
5. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
6. CONTRACTORS NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT WWW.CADDETAILS.COM/INFO AND ENTER REFERENCE NUMBER 558-027



MANUFACTURER INFO:
NATIONAL DIVERSIFIED SALES, INC.
851 N. HARVARD AVE.
LINDSAY, CA. 93247
PHONE: (800) 726.1994
WEB: WWW.NDSPRO.COM

DRAINAGE GRATE: #1811, 18"X18" SQUARE GRATE
GRATE COLOR: BLACK
GRATE INFO: STRUCTURAL FOAM POLYOLEFIN GRATE WITH U.V. INHIBITOR

CATCH BASIN: #1882, 18"X18" CATCH BASIN, 2 OPENINGS
BASIN COLOR: BLACK
BASIN INFO: ONE PIECE TAPERED CATCH BASIN STRUCTURAL FOAM POLYOLEFIN

UNIVERSAL OUTLET: #1266, 6" UNIVERSAL LOCKING OUTLET AND #1206, 6" UNIVERSAL ADAPTER PLUG
OUTLET COLOR: BLACK
OUTLET INFO: STYRENE, USE ADAPTER PLUG AS REQUIRED (WHERE ONLY ONE DRAIN LINE RUNS INTO CATCH BASIN)

RISER: #1816, 18"X18" CATCH BASIN RISER, BLACK, STYRENE, USE AS REQUIRED

NOTES:
1. THIS DETAIL IS USED FOR DESIGN INTENT ONLY. REFER TO TO MANUFACTURERS DETAIL AND SPECIFICATIONS FOR ACTUAL INSTALLATION.
2. DRILL 1/8" WEEP HOLE TYPICAL OF 4 PLACES AT BOTTOM CORNERS.
3. GRAVEL BASE SHALL BE USED TO PREVENT STANDING WATER.
4. GRATE TO BE ATTACHED TO CATCH BASIN WITH SCREW(S) PROVIDED AT TIME OF INSTALLATION.
5. RISER (IF NEEDED) CAN BE CUT TO ACHIEVE EXACT ELEVATION, DO NOT USE OVER FIVE (5) RISERS WITH CATCH BASIN.
6. N.D.S. ADAPTERS THAT FIT THIS CATCH BASIN ARE AS FOLLOWS: #1242, #1243, #1245, #1266, #1888 AND #1889, USE #1206 IF PLUGGING AN OUTLET. INCLUDES (2) #1890 REDUCER RINGS USED WITH SMALLER CONNECTIONS.
7. EXISTING SOILS SHOULD BE EVALUATED TO ENSURE PROPER STRUCTURAL AND PERMEABILITY PROPERTIES.
8. DO NOT SCALE DRAWING.
9. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY.
10. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
11. CONTRACTORS NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT WWW.CADDETAILS.COM/INFO AND ENTER REFERENCE NUMBER 558-193 AND / OR 558-198.

558-193 / 558-198
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REVISION DATE 09/23/2015
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KEY COMPONENT
www.ndspro.com/s5

3 // L600 18" ATRIUM AREA DRAIN
SCALE: 1" = 1'-0"

BENCHES

MODEL: INFINITY 2' CURVED 1230 BENCH, THERMORY #INF24C1230T
COLOR: GALVANIZED STEEL FRAME, TREATED ASH WOOD SLATS
OTHER INFO: 77" LENGTH ON 12' RADIUS, 30 DEGREE CURVE, 24" WIDTH.

OR APPROVED EQUAL

MODEL: INFINITY 2' CURVED 1660 BENCH, THERMORY #INF24C1660T
COLOR: GALVANIZED STEEL FRAME, TREATED ASH WOOD SLATS
OTHER INFO: 203" LENGTH ON 16' RADIUS, 60 DEGREE CURVE, 24" WIDTH.

OR APPROVED EQUAL

TABLES AND BENCHES

RECEPTACLE

MODEL: MADISON 35 GAL. THERMORY TRASH RECEPTACLE, #TT35OT
COLOR: POWDER COAT PEWTER COLOR WITH TREATED ASH SLATS
OTHER INFO: OTHER DESCRIPTORS

OR APPROVED EQUAL

MANUFACTURER INFORMATION:
ANOVA
211 NORTH LINDBERGH BOULEVARD
SUITE 200
SAINT LOUIS, MO 63141

PHONE: (800) 231.1327
WEB: WWW.ANOVAFURNISHINGS.COM

MODEL: MIXX 5' THERMORY FLAT BENCH, #MIX2960T
COLOR: POWDER COAT PEWTER COLOR FRAME WITH TREATED ASH SLATS
OTHER INFO: 18"H X 15"W X 60"L

OR APPROVED EQUAL

MODEL: MIXX 34"X72" THERMORY TABLE, #MIX2945T
COLOR: POWDER COAT PEWTER COLOR FRAME WITH TREATED ASH SLATS
OTHER INFO: 31"H X 34"W X 72"L

OR APPROVED EQUAL

4 // L600 SITE FURNISHINGS
NOT TO SCALE

Winter Jones Keefer Ltd.
landscape architecture land planning
www.wjkltd.com
89 Promenade Street, Suite 201 | Bluffton, South Carolina | 29910 | ph 843.757.7411

THIS SHEET TO SCALE AT: 24"X36"

SITE DEVELOPMENT PLANS
FOR
OUTDOOR PAVILION
HERITAGE ACADEMY
HILTON HEAD ISLAND, SOUTH CAROLINA

DATE:	OCT 05, 2021
PROJECT NO.:	XXXXX.XX
DRAWN BY:	JC
CHECKED BY:	DK

PRELIMINARY SUBMITTAL PLAN, NOT FOR CONSTRUCTION

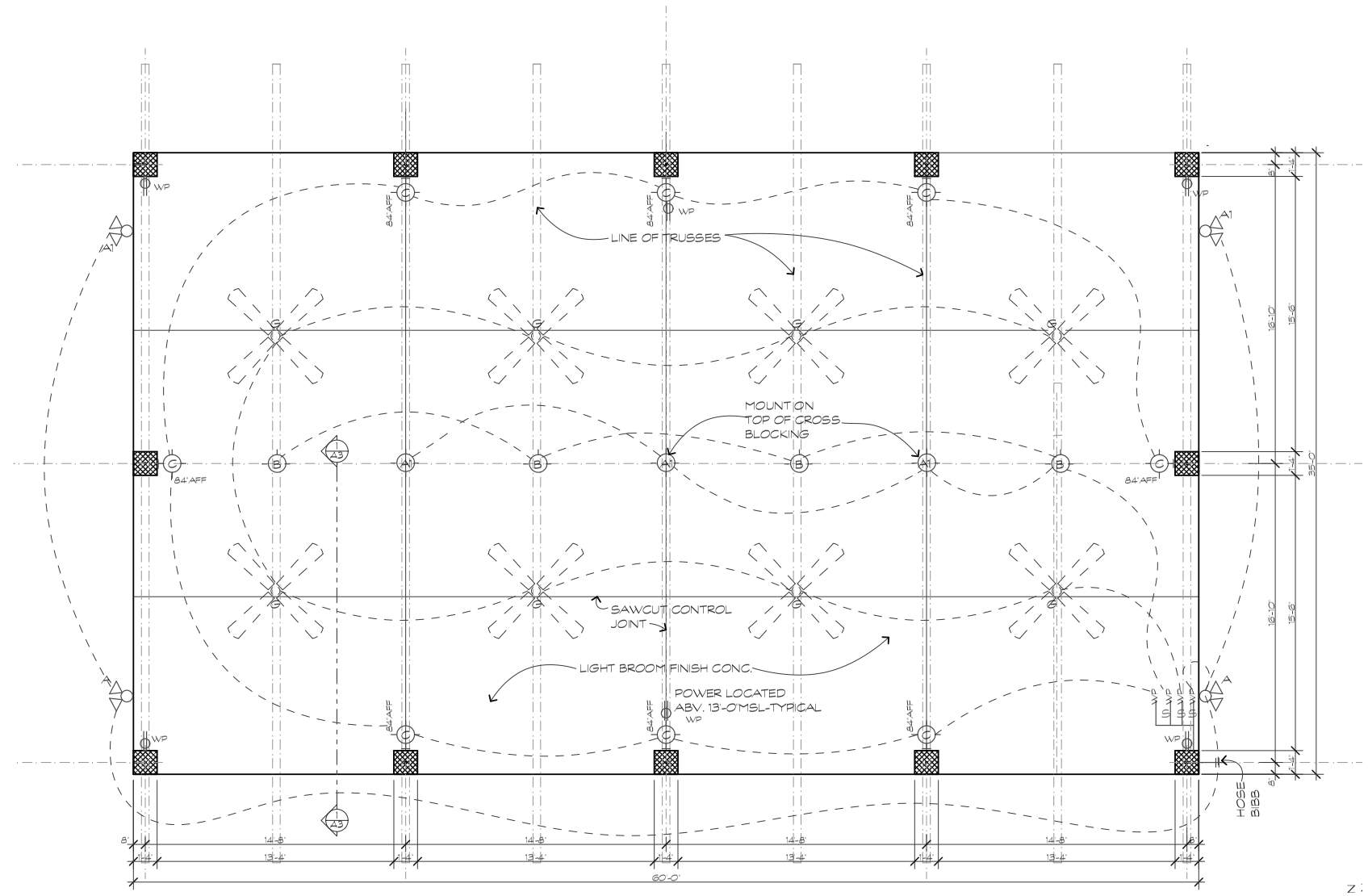
REVISIONS:

DRAWING TITLE
SITE DETAILS

DRAWING NUMBER
L600

LIGHTING FIXTURE SCHEDULE

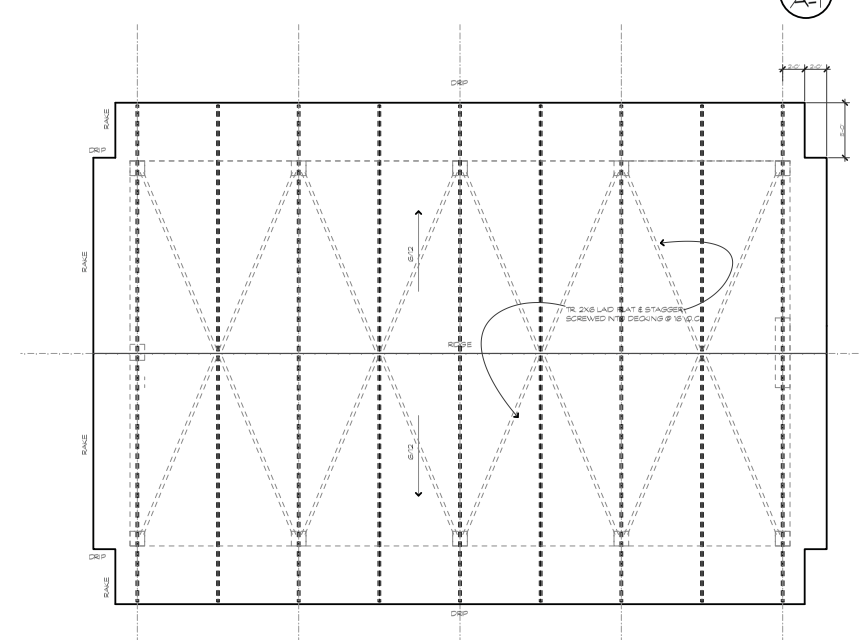
TYPE	MANUFACTURE	ID NUMBER	MOUNTING	LAMP	COLOR	REMARKS
A	PROGRESS	P8341-20-30K	SURFACE	3W 3000K	BRONZE	MOTION FLOOD
A1	PROGRESS	W/ P8342-20-30K W/ P8343-20	SURFACE	3W 3000K	BRONZE	FLOOD
B	MILLENNIUM	N1W-1-20-LD-Pwgn-Ledgrid	CEILING	24W 3000K	GALVANIZED	ROD HUNG
C	ACCESS	20/038LEDMG-SAT/SST	SURFACE	30W 3000K	SATIN	
D	NOT USED					
E	NOT USED					
G	MINKAARE	F898-84-SI	SLOPED CEILING	NA	SMOKED IRON	TYP. OUTSIDE 84" FAN



PLAN

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

1 / A-1



ROOF PLAN

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

2 / A-1

parkerdesigngroup architects
843.785.5171 POST OFFICE BOX 5001 HILTON HEAD ISLAND SC 29938

STATE OF SOUTH CAROLINA
W. THOMAS PARKER, JR.
REGISTERED ARCHITECT

A Pavillion for:
Heritage Academy
#11 New Orleans Rd.
Hilton Head Island, S. C.

REVISIONS	DATE

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DATE OF ISSUE: 08/ 11/ 21
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JOB NO. 21xx
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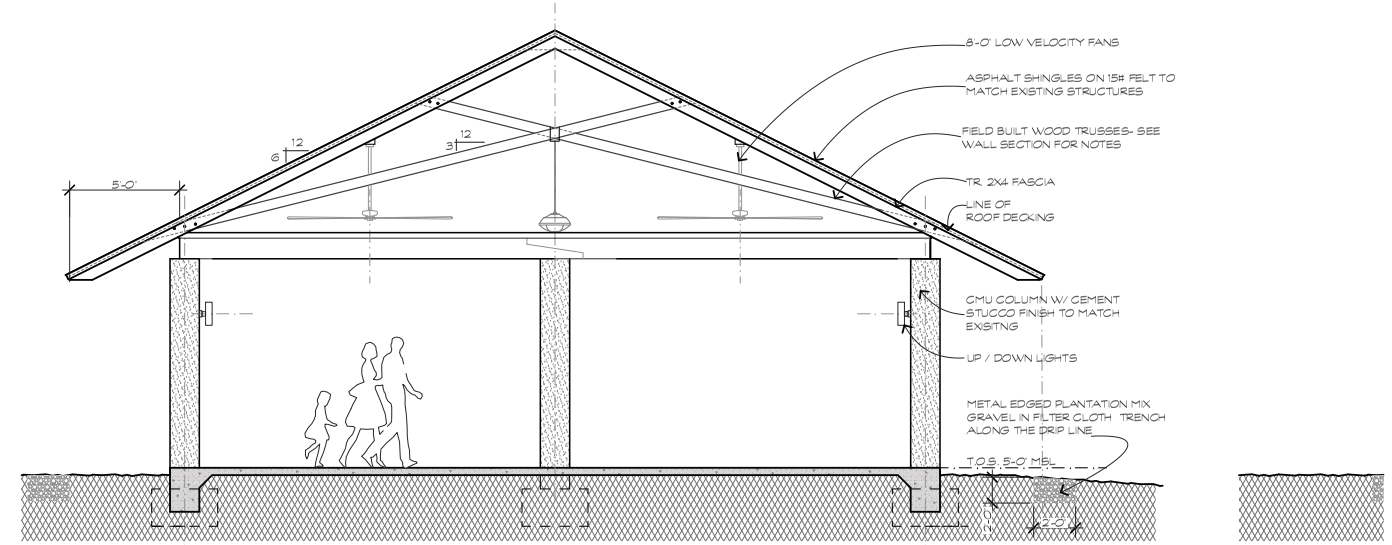
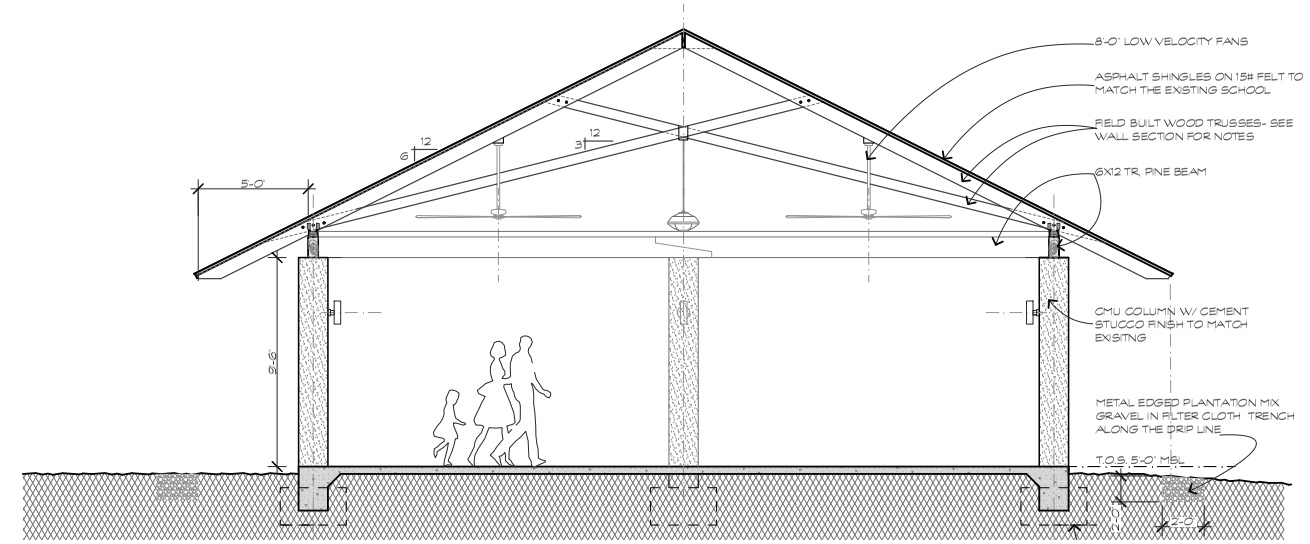
OF SHEETS



RIGHT/ LEFT ELEVATION

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

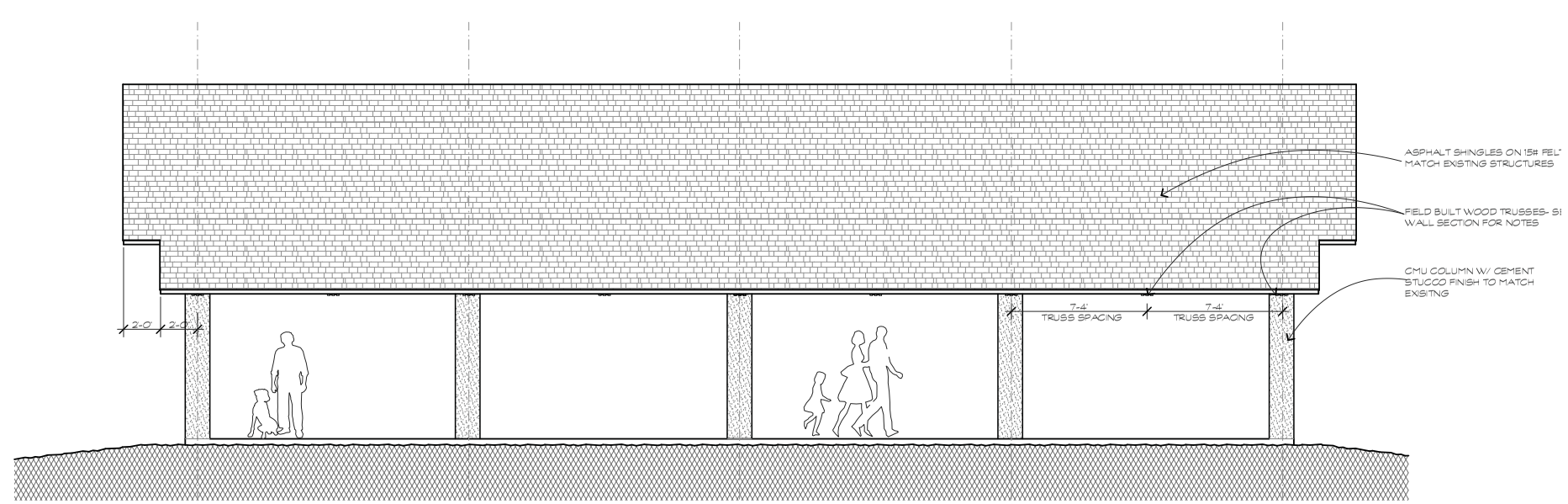
3
A-2



BUILDING SECTION

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

4
A-2

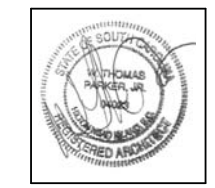


FRONT & BACK ELEVATION

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

5
A-2

pdg ARCHITECTS
parkerdesigngroupparchitects
843.785.5171 POST OFFICE BOX 5109 HILTON HEAD ISLAND SC 29938



A Pavillion for:
Heritage Academy
#11 New Orleans Rd.
Hilton Head Island, S. C.

REVISIONS	DATE

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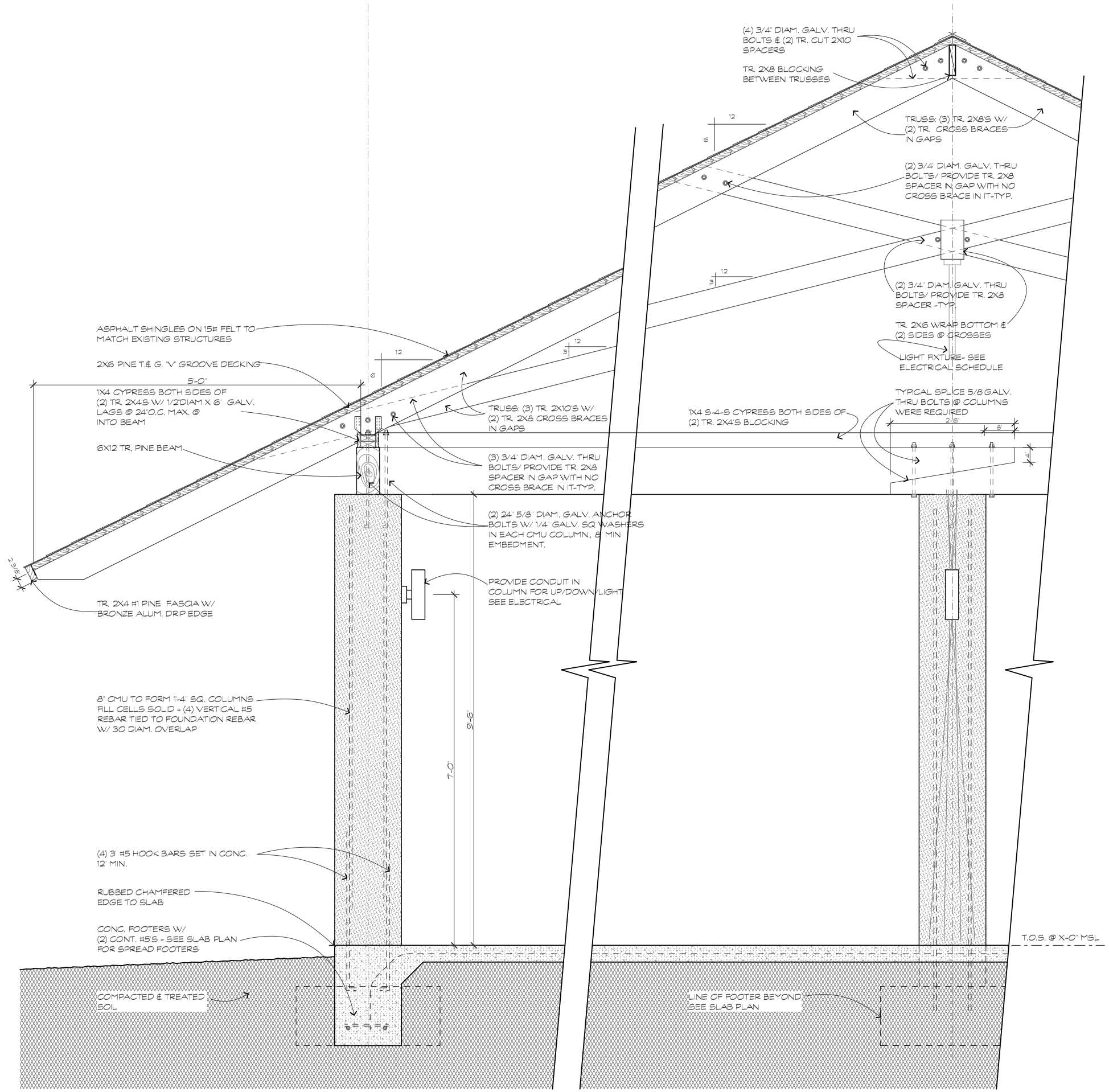
OF SHEETS



TYPICAL WALL SECTION

SCALE: 1"=1'-0"

2
A-3

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843.785.5171 POST OFFICE BOX 5109 HILTON HEAD ISLAND SC 29938
pdg ARCHITECTS

STATE OF SOUTH CAROLINA
W. THOMAS PARKER, JR.
REGISTERED ARCHITECT

A Pavillion for:
Heritage Academy
#11 New Orleans Rd.
Hilton Head Island, S. C.

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SHEET **A.3**
OF SHEETS

STRUCTURAL NOTES

GENERAL REQUIREMENTS
1. WHERE A SECTION OR DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY TO ALL SIMILAR CONDITIONS.
2. COORDINATE ALL LIMITS AND DEPTHS OF DEPRESSIONS FOR FLOOR FINISHES WITH ARCHITECTURAL DRAWINGS AND SCHEDULES. LIMITS SHOWN ON STRUCTURAL DRAWINGS ARE SCHEMATIC.
3. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. DO NOT SCALE DRAWINGS. FOLLOW DIMENSIONS SHOWN ON PLANS.
5. CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS AND ELEVATIONS SHOWN HEREIN WITH ARCHITECTURAL PLANS, SECTIONS, AND DETAILS PRIOR TO CONSTRUCTION OR MATERIAL PURCHASE AND SHALL NOTIFY ARCHITECT OR ENGINEER IN WRITING OF DISCREPANCIES. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND ELEVATIONS NOT SHOWN HEREIN.
6. DIMENSIONS INDICATED RELATIVE TO EXISTING STRUCTURE ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OR MATERIALS PURCHASE. CONTRACTOR SHALL NOTIFY ARCHITECT OR ENGINEER IN WRITING OF DISCREPANCIES.
7. SPECIFIED ANCHOR SYSTEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. SPECIAL ATTENTION SHALL BE GIVEN TO THE DRILLING, CLEANING, AND PREPARATION OF HOLES. WHERE ADHESIVE ANCHORS ARE SHOWN, SPECIAL ATTENTION SHALL BE GIVEN TO THE REQUIRED MIXING, APPLICATION, AND CURING TIME OF ADHESIVE TYPE SPECIFIED.

SUBGRADE PREPARATION
1. CONTRACTOR SHALL STRIP AND REMOVE ALL VEGETATION, TOPSOIL, ROOTS, AND ORGANIC SOILS FROM THE CONSTRUCTION AREA FOR A DISTANCE OF AT LEAST 10' BEYOND THE EXTENT OF BUILDING FOUNDATION LIMITS. THE DEPTH OF STRIPPING SHALL BE THAT REQUIRED TO REMOVE SIGNIFICANT ROOT ZONES, SMALL TREE STUMPS, AND OTHER UNACCEPTABLE MATERIALS, BUT IN NO CASE SHALL IT BE LESS THAN 12".
2. AFTER TOPSOILS, ETC. HAVE BEEN REMOVED FROM THE SITE WITHIN AND TO A POINT 10' OUTSIDE THE BUILDING CONSTRUCTION AREA, THE UPPER 24" OF EXPOSED SOILS SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95% MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557) BY PROOFROLLING WITH A FULLY LOADED PNEUMATIC TIRED TANDEM AXLE DUMP TRUCK CAPABLE OF TRANSFERRING A LOAD OF 10 TO 20 TONS BY OVERLAPPING PASSES. A MINIMUM OF 8 COMPLETE PASSES SHALL BE MADE WITHIN THE BUILDING AREA.
3. PROOFROLLING SHALL BE PERFORMED UNDER THE OBSERVATION OF AN APPROVED TESTING LABORATORY SUPERVISED BY A GEOTECHNICAL ENGINEER. UNDERCUT, BACKFILL, AND COMPACT AREAS WHICH PUMP, DEFLECT, OR RUT EXCESSIVELY OR WHICH DO NOT STABILIZE AFTER SUCCESSIVE PASSES OF PROOFROLLING EQUIPMENT.
4. AFTER COMPLETION OF DENSIFICATION OF EXISTING SOILS, PLACE STRUCTURAL FILL FOR BUILDING AND PAVEMENT AREAS IN THIN (8" TO 10") LIFTS COMPACT TO A MINIMUM DENSITY OF 95% MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557). MATERIAL USED AS STRUCTURAL FILL SHALL BE NON-PLASTIC GRANULAR MATERIAL CONTAINING LESS THAN 15% FINES PASSING THROUGH THE NO. 200 SIEVE AND FREE OF ORGANICS, BOULDERS, OR OTHER DELETERIOUS MATERIALS.

FOUNDATIONS
1. ALL FOUNDATION FILL SUBGRADE SOILS SHALL BE COMPACTED AS FOLLOWS: (REF. ASTM D1557)
   A. 95% MODIFIED PROCTOR FOR GREATER THAN 18" BELOW FINAL FILL.
   B. 98% MODIFIED PROCTOR FOR THE UPPER 18" BENEATH BUILDINGS AND PAVEMENTS.
2. SOILS TESTING LABORATORY SHALL CONDUCT COMPACTION TESTS IN ACCORDANCE WITH ASTM D698. RATE OF COMPACTION SHALL BE AS FOLLOWS:
   A. ONE TEST FOR EACH SPREAD FOOTING;
   B. ONE TEST FOR EACH 50 LINEAR FEET OF CONTINUOUS FOOTING;
   C. ONE TEST FOR EACH 1000 S.F. OF SLAB.
3. FOUNDATIONS HAVE BEEN DESIGNED FOR 1,500 PSF MINIMUM ALLOWABLE SOIL BEARING PRESSURE.
4. REMOVE ALL WATER SOFTENED SOILS FROM FOOTING EXCAVATIONS PRIOR TO PLACING CONCRETE. FILL REMAINING VOIDS WITH ADDITIONAL CONCRETE.
5. SUPPORT ALL BOTTOM REINFORCEMENT IN FOUNDATION WITH STANDEES OR WHOLE CONCRETE BRICKS AT 48" O.C. MAX. REQUIRED CONCRETE COVER SHALL BE MAINTAINED AT ALL TIMES.
6. ALL FOOTING, PIER, AND OTHER FOUNDATION REINFORCING SHALL BE TIED IN PLACE PRIOR TO POURING CONCRETE.
7. WHERE FINISHED GRADES DIFFER ON OPPOSITE SIDES OF FOUNDATION WALLS, PROVIDE TEMPORARY BRACING. PREVENT LATERAL MOVEMENT UNTIL ALL ADJACENT FILLING, COMPACTION, FLOOR SLABS, AND FRAMING AT NEXT LEVEL OVER HAS BEEN COMPLETED.
8. UNLESS INDICATED ON FOUNDATION PLAN, VERTICAL STEPS IN FOOTINGS TO BE MAXIMUM 2'-0" VERTICAL SPACED NO LESS THAN 4'-0" O.C. HORIZONTALLY TO MAINTAIN MINIMUM 12" COVER BELOW FINISHED EARTH GRADE.
9. WHERE GRAVITY PLUMBING LINES OCCUR BELOW TOP OF WALL FOOTING, STEP FOOTING DOWN TO PROVIDE CLEARANCES INDICATED ON PLANS. COORDINATE WITH PLUMBING DRAWINGS FOR LOCATIONS, SIZES, AND INVERTS.
10. CONSTRUCTION JOINTS IN CONTINUOUS FOOTINGS TO BE FORMED VERTICALLY IN ACCORDANCE WITH FOUNDATION DETAILS IN PLANS.
11. PROVIDE 1/2" EXPANSION JOINT FILLER AROUND PERIMETER OF SLABS WHERE THEY ABUT VERTICAL SURFACES AND AT COLUMN ISOLATION JOINTS AS DETAILED.

SLAB ON GRADE
1. APPLY AN APPROVED CURING COMPOUND CONFORMING TO ASTM C309 AFTER FINISHING THE SLAB.
2. ALL WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH ASTM A185. LAP ADJOINING PIECES AT LEAST ONE FULL MESH OR 8" MINIMUM. UNLESS OTHERWISE APPROVED, ALL WELDED WIRE FABRIC SHALL BE BLOCKED INTO POSITION INDICATED WITH PRECAST CONCRETE BLOCKS HAVING A COMPRESSIVE STRENGTH EQUAL TO THAT OF THE SLAB.
3. THE USE OF POLYPROPYLENE FIBERS (IN LIEU OF WELDED WIRE FABRIC) IS PROHIBITED WITHOUT THE WRITTEN AUTHORIZATION OF THE ENGINEER.
4. THE MAXIMUM SPACING OF JOINTS SHALL BE 15' OR AS SHOWN ON PLANS.
5. ALL POROUS FILL MATERIAL SHALL BE A CLEAN GRANULAR MATERIAL WITH 100% PASSING 1 1/2" SIEVE AND NO MORE THAN 5% PASSING A NO. 4 SIEVE. POROUS FILL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR. DRY DENSITY PER ASTM D1557.
6. SLAB JOINTS SHALL BE FILLED WITH APPROVED MATERIAL. THIS SHOULD TAKE PLACE AS LATE AS POSSIBLE, PREFERABLY 4 TO 6 WEEKS AFTER THE SLAB HAS BEEN CAST. PRIOR TO FILLING, REMOVE ALL DEBRIS FROM THE SLAB JOINTS, THEN FILL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
7. SEE THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DEPRESSED SLAB AREAS AND DRAINS. SLOPE SLAB TO DRAINS WHERE SHOWN.
8. THE FINISH TOLERANCE OF ALL SLABS SHALL BE IN ACCORDANCE WITH ACI 301, TYPE A.
9. WALKWAYS AND OTHER EXTERIOR SLABS ARE NOT INDICATED ON THE STRUCTURAL DRAWINGS. SEE THE SITE PLAN AND ARCHITECTURAL DRAWINGS FOR LOCATIONS, DIMENSIONS, ELEVATIONS, JOINTING DETAILS AND FINISH DETAILS.
10. CONTROL JOINT SEALANT SHALL BE SIKADUR 51 NS/SL OR APPROVED EQUAL. EXPANSION AND ISOLATION JOINT SEALANT SHALL BE SIKAFLEX 1a OR APPROVED EQUAL.

CAST-IN-PLACE REINFORCED CONCRETE
1. THE FOLLOWING ACI STANDARDS (LATEST EDITION) APPLY:
   A. ACI 318 – CODE
   B. ACI 315 – DETAILING
   C. ACI 301 – SPECIFICATIONS
   D. ACI 304 – PLACING
   E. ACI 347 – FORMWORK
   F. ACI 211.1 – MIX PROPORTIONING
   G. ACI 305 – HOT WEATHER CONCRETING
   H. ACI 306 – COLD WEATHER CONCRETING
2. ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE (145 PCF) WITH MIXES MEETING THE FOLLOWING CRITERIA:

STRUCTURAL ELEMENT	28 DAY COMPRESSIVE STRENGTH
FOOTINGS, GRADE BEAMS & FOUNDATION WALLS	3,000 PSI
SLAB ON GRADE	3,000 PSI
ELEVATED SLABS & BEAMS	4,000 PSI
COLUMNS	4,000 PSI

3. SLUMP SHALL NOT EXCEED 5". SLUMP TESTS SHALL BE PERFORMED ON EACH TRUCK LOAD AND CONFORM TO ASTM C143.

REINFORCING STEEL
1. ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.
2. ALL WELDED WIRE FABRIC SHALL BE ASTM A185, 70 KSI MINIMUM YIELD STRENGTH.
3. ADDITIONAL REINFORCING AND THAT QUANTITY OF REINFORCING OCCURRING AT OPENINGS SHALL BE PLACED EQUALLY EACH SIDE OF OPENINGS AS DETAILED.
4. HOOKS IN REINFORCING ARE IN ADDITION TO LENGTH SHOWN.
5. REINFORCING IS TO BE SUPPORTED IN FORMS AND SPACED WITH WIRE BAR SUPPORTS ACCORDING TO CRSI "PLACING REINFORCING BARS" UNLESS NOTED OTHERWISE.
6. MINIMUM REINFORCING STEEL CLEAR COVERS ARE AS FOLLOWS:
   A. CONCRETE CAST DIRECTLY AGAINST EARTH.....3"
   B. INTERIOR SLABS.....1"
   C. INTERIOR BEAMS AND COLUMNS.....1 1/2"
   D. EXTERIOR BEAMS AND COLUMNS.....2"
   E. EXTERIOR SLABS.....1 1/2"
7. UNLESS NOTED OTHERWISE, ALL BAR REINFORCING LAP SPLICES SHALL HAVE A MINIMUM LAP LENGTH OF 48 BAR DIAMETERS.

CONCRETE MASONRY
1. APPLICABLE MASONRY CODES:
   A. TMS 402-2016 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES.
   B. TMS 602-2016 SPECIFICATIONS FOR MASONRY STRUCTURES.
2. CONCRETE MASONRY UNITS SHALL BE LOAD BEARING TYPE CONFORMING TO ASTM C90 HAVING A MINIMUM COMPRESSIVE STRENGTH OF 1900psi.
3. ALL CELLS BELOW GRADE SHALL BE FILLED SOLID WITH GROUT OR CONCRETE.
4. MORTAR SHALL CONFORM TO ASTM C270 TYPE S.
5. REINFORCED PIERS SHALL BE FILLED IN MAXIMUM OF 4'-0" LIFTS. FILL SHALL BE MECHANICALLY MIXED (ASTM C476 COURSE) GROUT OR REGULAR WEIGHT CONCRETE (ASTM C94) WITH MAX 1/2" COARSE AGGREGATE HAVING NOT LESS THAN 3,000psi (MIN.) 28 DAY STRENGTH. SEE SPECIFICATIONS.
6. PLAIN END TWO CELL UNITS SHALL BE USED FOR BLOCKS THAT ARE TO HAVE CELLS REINFORCED OR FILLED. WEB SHELLS ADJACENT TO CELLS THAT ARE TO BE FILLED ARE TO BE BEDDED IN MORTAR.
7. FILL CELLS AS NOTED ON DRAWINGS WITH 3000psi GROUT CONFORMING TO ASTM C476 SPECIFICALLY DESIGNED FOR FILLING CELLS.
8. VERTICAL REINFORCING TO BE LAPPED 48 BAR DIAMETERS AT DOWELS AND SPLICES.
9. HORIZONTAL JOINT REINFORCING TO BE CONTINUOUS THROUGH REINFORCED CELLS.
10. SEE ARCHITECTURAL DRAWINGS FOR THE EXTENT AND EXACT LOCATION OF MASONRY COLUMNS.
11. ALL MASONRY COLUMNS SHOWN ON THESE STRUCTURAL DRAWINGS HAVE BEEN DESIGNED TO RESIST THE REQUIRED VERTICAL AND LATERAL FORCES IN THE FINAL CONFIGURATION ONLY. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ADEQUATELY BRACE THE WALLS FOR VERTICAL AND LATERAL LOADS THAT COULD POSSIBLY BE APPLIED PRIOR TO COMPLETION OF LATERAL SUPPORT BY CONNECTIONS AT FLOOR OR ROOF FRAMING LOCATIONS.

DIMENSIONAL LUMBER FRAMING
1. ALL STRUCTURAL LUMBER DESIGN SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL DESIGNS SPECIFICATION FOR WOOD CONSTRUCTION (NDS-2018).
2. LOCATION, NUMBER, AND DIMENSIONS OF FRAMING MEMBERS SHOW GENERAL ARRANGEMENT ONLY. ACTUAL SPANS, SPACING, ETC. SHALL BE DETERMINED FROM ARCHITECTURAL DETAILS.
3. SEE ARCHITECTURAL PLANS AND DETAILS FOR EDGE SECTIONS AND ALL NON-STRUCTURAL FRAMING AND TRIM.
4. ALL WOOD FRAMING MATERIAL SHALL BE SURFACED DRY AND USED AT 19% MAXIMUM MOISTURE CONTENT. ALLOWABLE STRESS REQUIREMENTS OF ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE "SCHEDULE OF REQUIRED STRESS VALUES".
5. ALL MISC. FRAMING SHALL BE NO. 2 GRADE, SOUTHERN YELLOW PINE. PROVIDE FULL-DEPTH BLOCKING AT ENDS. PROVIDE FULL-DEPTH (OR METAL) BRIDGING AT MIDSPAN AND AT A MAXIMUM SPACING OF 8'-0" O.C. IN BETWEEN.
6. ALL LUMBER EXPOSED TO EXTERIOR ENVIRONMENT OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION OF 0.25 lbs. OF ACQ PER CUBIC FOOT OF WOOD, AND EACH PIECE SHALL BEAR THE THIRD PARTY QUALITY MARK, "ABOVE GRADE USE". ALL LUMBER IN CONTACT WITH THE GROUND SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION OF 0.40 lbs. OF ACQ PER CUBIC FOOT OF WOOD, AND EACH PIECE SHALL BEAR THE THIRD PARTY QUALITY MARK, "GROUND CONTACT USE". REFERENCE STANDARD AWPA C2 AND ASTM D1760 FOR PRESSURE TREATMENT OF TIMBER PRODUCTS.
7. WHERE POSSIBLE ALL CUTS AND HOLES SHOULD BE COMPLETED BEFORE TREATMENT. CUTS AND HOLES DUE TO ON-SITE FABRICATION SHALL BE BRUSHED WITH 2 COATS OF COPPER NAPHTHENATE SOLUTION CONTAINING A MINIMUM OF 2% METALLIC COPPER IN SOLUTION (PER AWPS STD. M4).
8. THE CONTRACTOR SHALL CAREFULLY SELECT LUMBER TO BE USED IN LOAD BEARING APPLICATIONS. THE LENGTH OF SPLIT ON THE WIDE FACE OF 2" NOMINAL LOAD BEARING FRAMING SHALL BE LIMITED TO LESS THAN ½ OF THE WIDE FACE DIMENSION. THE LENGTH OF SPLIT ON THE WIDE FACE OF 3" (NOMINAL) AND THICKER LUMBER SHALL BE LIMITED TO HALF OF THE NARROW FACE DIMENSIONS.
9. PROVIDE NAILING PATTERN IN COMPLIANCE WITH IBC RECOMMENDED FASTENING SCHEDULE.
10. NO CUTS, HOLES, OR COPES IN STRUCTURAL WOOD FRAMING SHALL BE PERMITTED WITHOUT PRIOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER AND ARCHITECT.
11. STRUCTURAL STEEL PLATE CONNECTORS SHALL CONFORM TO ASTM A36 SPECIFICATIONS AND BE ¼" THICK UNLESS OTHERWISE INDICATED. BOLTS CONNECTING WOOD MEMBERS SHALL BE PER ASTM A307 AND BE ¾" DIAMETER UNLESS OTHERWISE INDICATED. PROVIDE WASHERS FOR ALL BOLT HEADS AND NUTS IN CONTACT WITH WOOD SURFACES.
12. BOLT HOLES SHALL BE CAREFULLY CENTERED AND DRILLED NOT MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER. BOLTED CONNECTIONS SHALL BE SNUG TIGHT BUT NOT TO THE EXTENT OF CRUSHING WOOD UNDER WASHERS.
13. HOLES AND NOTCHES DRILLED OR CUT INTO WOOD FRAMING SHALL NOT EXCEED THE REQUIREMENTS OF IBC, SECTION 23.
14. ALL PLATES, ANCHORS, NAILS, BOLTS, NUTS, WASHERS, AND OTHER MISCELLANEOUS HARDWARE SHALL BE HOT DIP GALVANIZED.
15. ADEQUATE BRACING SHALL BE PROVIDED UNTIL PERMANENT BRACING AND/OR DIAPHRAGMS ARE INSTALLED.
16. ALL BEAMS SHALL HAVE LATERAL SUPPORT AT THE COMPRESSION EDGE AT A MAXIMUM OF 24" O.C. AND AT BEARING POINTS, WITH A MINIMUM BEARING LENGTH OF 3 1/2".
17. PROVIDE DOUBLE HEADER BEAMS OF THE SAME SIZE AS JOISTS OR RAFTERS TO FRAME AROUND OPENINGS IN PLYWOOD DECK UNLESS OTHERWISE INDICATED.
18. PROVIDE HEADERS, BRIDGING, CONNECTORS, BLOCKING, TRIMMERS, ETC. AS REQUIRED AND RECOMMENDED BY AITC TIMBER CONSTRUCTION STANDARDS AND IBC 2018 U.N.O.
19. WOOD FRAMING MATERIALS:
   A. ALL DIMENSIONAL LUMBER SHALL BE #2 SYP KD OR BETTER AND PROVIDE NOT LESS THAN THE FOLLOWING ALLOWABLE STRESSES:
      F_b = 1,000 PSI
      F_t = 600 PSI
      E = 1,400,000 PSI
      F_c = 1,400 PSI
      F_{cp} = 565 PSI
   B. ALL BOLTS SHALL BE ASTM A307 WITH WASHERS, GALVANIZED;
   C. NAILS IN ACCORDANCE WITH MINIMUM NAILING REQUIREMENTS OF IBC EXCEPT WHERE NOTED IN DETAILS OR SPECIFICATIONS. ALL NAILS TO BE GALVANIZED.

STRUCTURAL DESIGN CRITERIA

1. BUILDING CODE:
   2018 INTERNATIONAL BUILDING CODE
2. GRAVITY LOADS (ASCE 7-16):

	CONCENTRATED	DISTRIBUTED
ROOF	LL = N/A DL = SEE PLANS	LL = 20 PSF DL = 10 PSF
1ST FLOOR	LL = 2000 LBS DL = 150 LBS	LL = 100 PSF DL = 50 PSF
COLLATERAL LOAD	SEE PLANS	CL = 5 PSF

3. WIND LOADS (ASCE 7-16/ 2018 IBC):
   ULTIMATE DESIGN WIND SPEED, V_{ULT} = 145mph
   NOMINAL DESIGN WIND SPEED, V_{ASD} = 112.4mph
   RISK CATEGORY II
   WIND EXPOSURE B
   INTERNAL PRESSURE COEFFICIENT, GC^pi = ±0.00
4. SEISMIC LOADS (ASCE 7-16/ 2018 IBC):
   RISK CATEGORY II
   SEISMIC IMPORTANCE FACTOR, I_E = 1.00
   MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS:
      S_S = 0.382g; S_1 = 0.138g
   SITE CLASS D
   DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS:
      S_{DS} = 0.381g; S_{D1} = 0.207g
   SEISMIC DESIGN CATEGORY C
   BASIC SEISMIC FORCE-RESISTING SYSTEM:
      INTERMEDIATE CONCRETE REINFORCED MOMENT FRAMES
   DESIGN BASE SHEAR:
      V = CsW
      W = EFFECTIVE SEISMIC MASS
   SEISMIC RESPONSE COEFFICIENT, C_S = 0.254
   RESPONSE MODIFICATION FACTOR, R = 1.5
   ANALYSIS PROCEDURE:
      EQUIVALENT LATERAL FORCE METHOD
5. SNOW LOAD (ASCE 7-16):
   GROUND SNOW LOAD Pg = 0 PSF

COMPONENTS & CLADDING WIND PRESSURES (PSF)

	AREA (SF)	+P	-P
ROOF > 27 TO 45 DEGREES	20.5	21.8	52.8
	41.1	16.0	35.2

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SOUTH CAROLINA Cranston Engineering Group NO. C00575 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER SEAL 09/23/2021 No. 33500 JAKE EAVENSON

REV.	DATE	DESCRIPTION
0	09-23-2021	ISSUED FOR PERMIT

A PAVILION FOR:
HERITAGE ACADEMY
#11 NEW ORLEANS RD.
HILTON HEAD ISLAND, SC

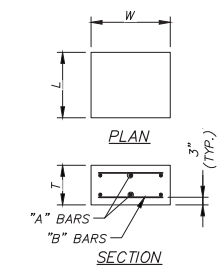
STRUCTURAL NOTES

DRAWN BY:	DAI
CHECKED BY:	JRE
APPROVED BY:	JRE
DATE:	09-23-2021
SCALE:	AS SHOWN
JOB No.	2021-0564
DRAWING No.	S100

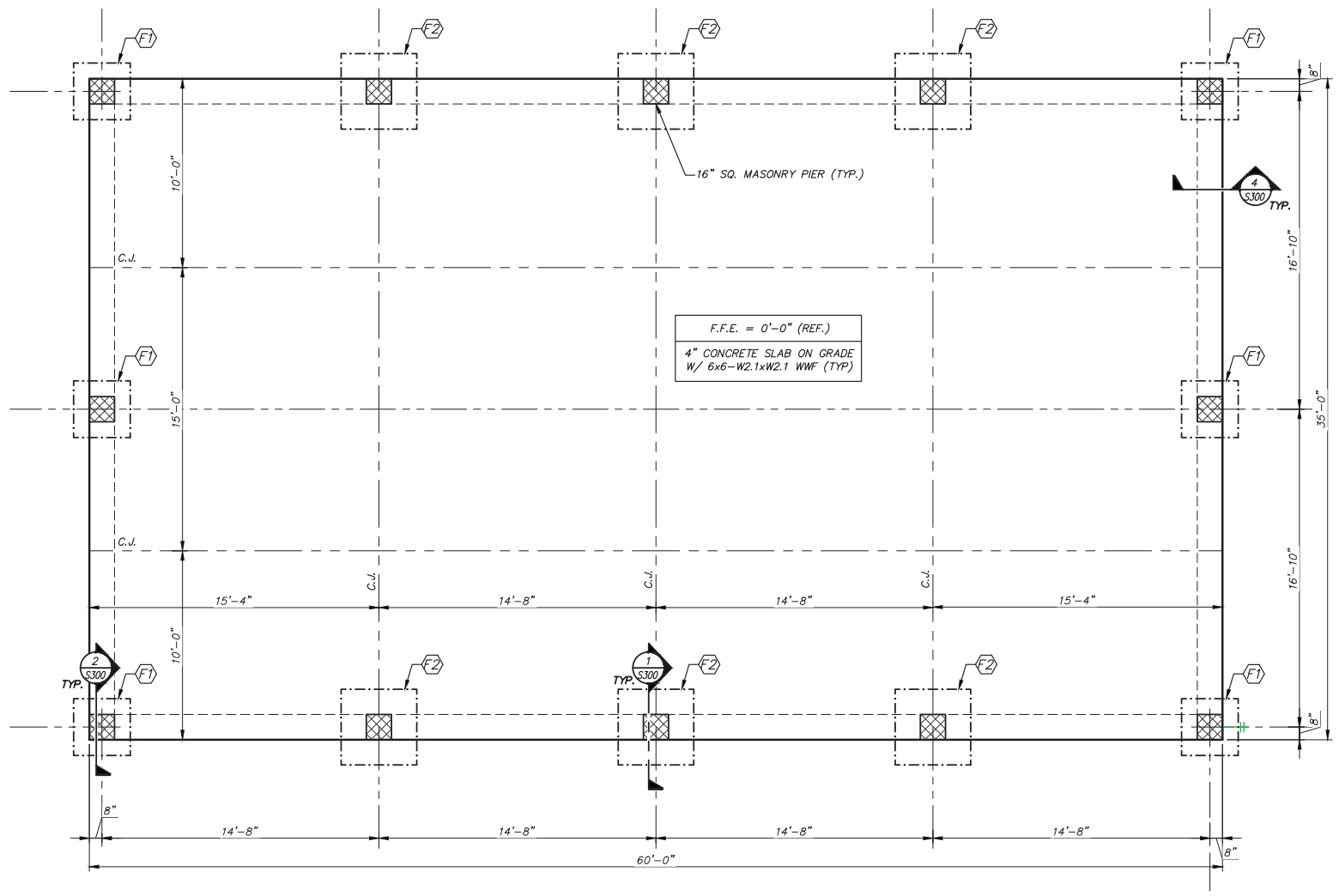
LEGEND	
	– CMU PIER
	– SPREAD FOOTING
	– TURNDOWN SLAB
	– CONTROL JOINT
F1	– FOOTING MARK, REF. FOOTING SCHEDULE

FOOTING SCHEDULE

MARK	W	L	T	'A' BARS	'B' BARS
F1	3'–0"	3'–0"	1'–6"	(4)–#5 TOP (4)–#5 BOTT	(4)–#5 TOP (4)–#5 BOTT
F2	4'–0"	4'–0"	2'–6"	(5)–#5 TOP (5)–#5 BOTT	(5)–#5 TOP (5)–#5 BOTT



FOOTING DETAIL



1 S200 FOUNDATION PLAN
SCALE: 1/4" = 1'–0"

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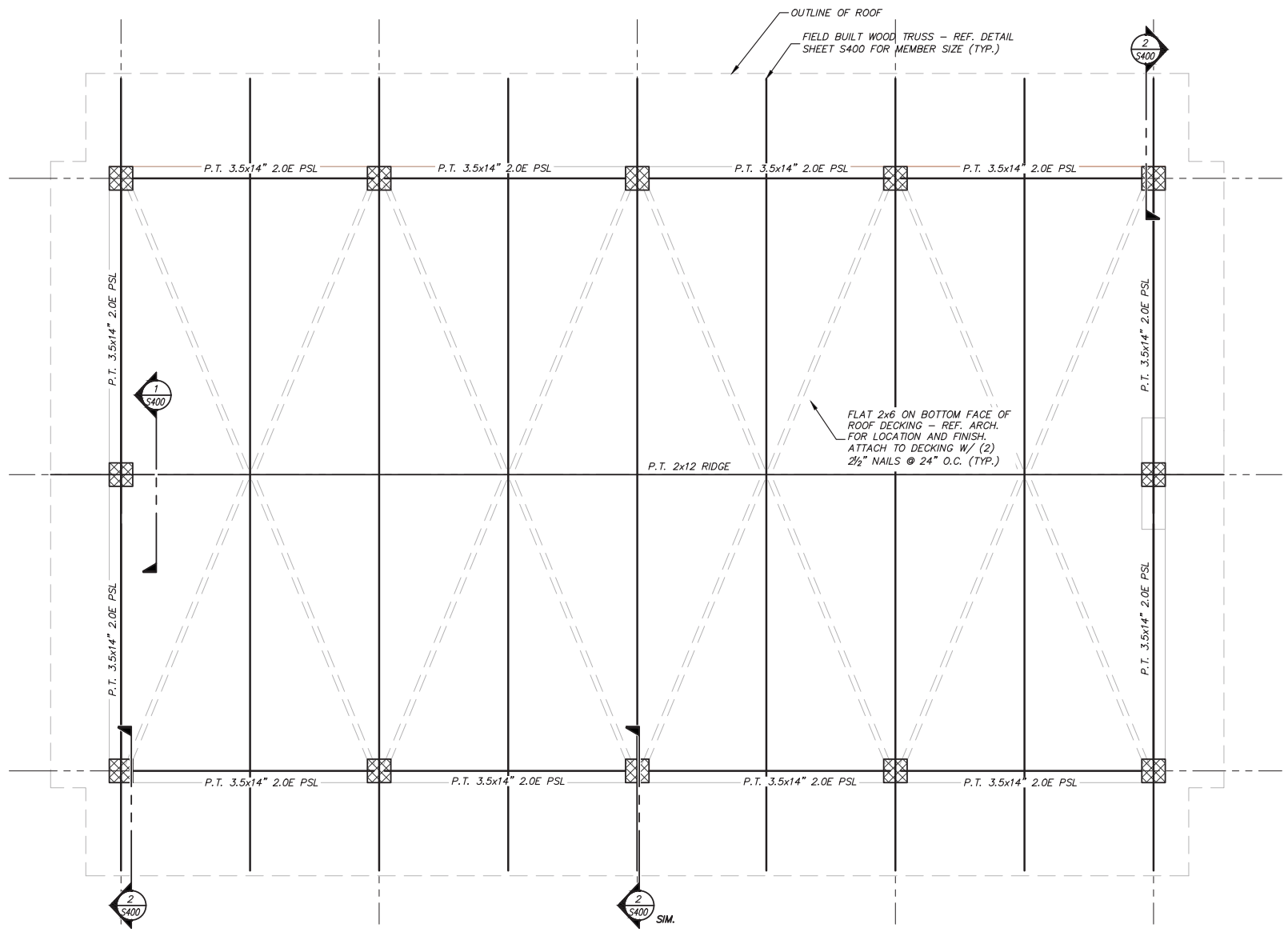
CHECKED BY:	JRE
APPROVED BY:	JRE
DATE:	09–23–2021
SCALE:	AS SHOWN
JOB No.	2021–0564
DRAWING No.	S200



1 S201 BEAM/ ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

LEGEND

- CMU PIER
- SPREAD FOOTING
- TURNDOWN SLAB
- CONTROL JOINT
- F1 – FOOTING MARK, REF. FOOTING SCHEDULE

FRAMING NOTES:

1. ROOF SHEATHING: MINIMUM SYP #2 2x6 T&G DECKING.

   NAILING PATTERN:
   SUPPORTED EDGES & DIAPHRAGM BOUNDARIES: (3) 16d NAILS
   FIELD & INTERMEDIATE SUPPORTS. (2) 16d NAILS

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BEAM/ ROOF FRAMING PLAN

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APPROVED BY:	JRE
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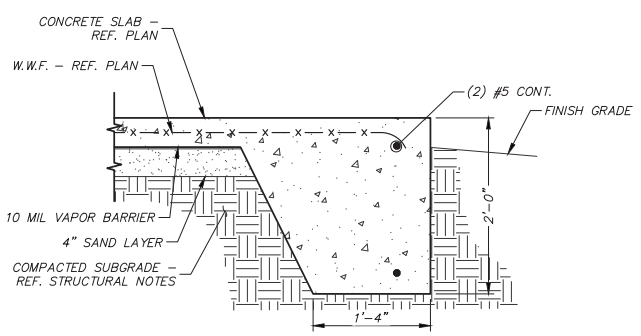
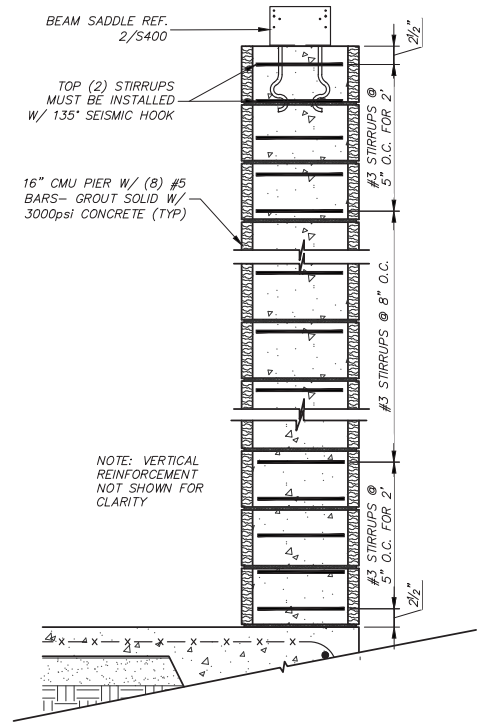
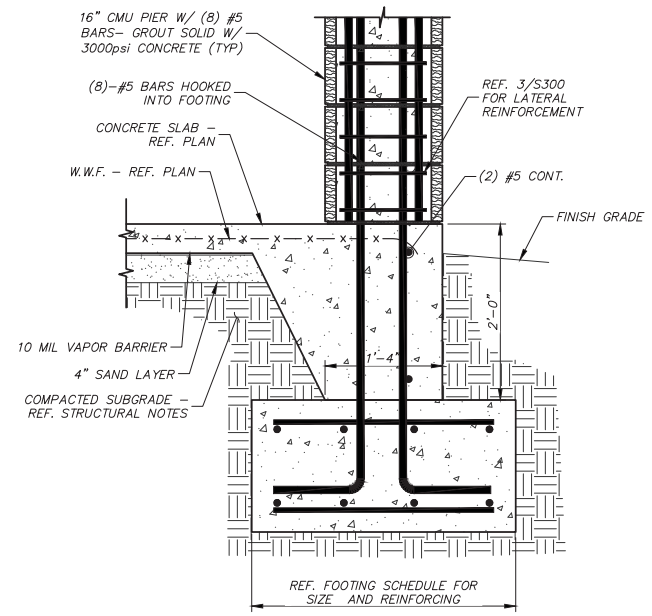
JOB No.	2021-0564
DRAWING No.	S201



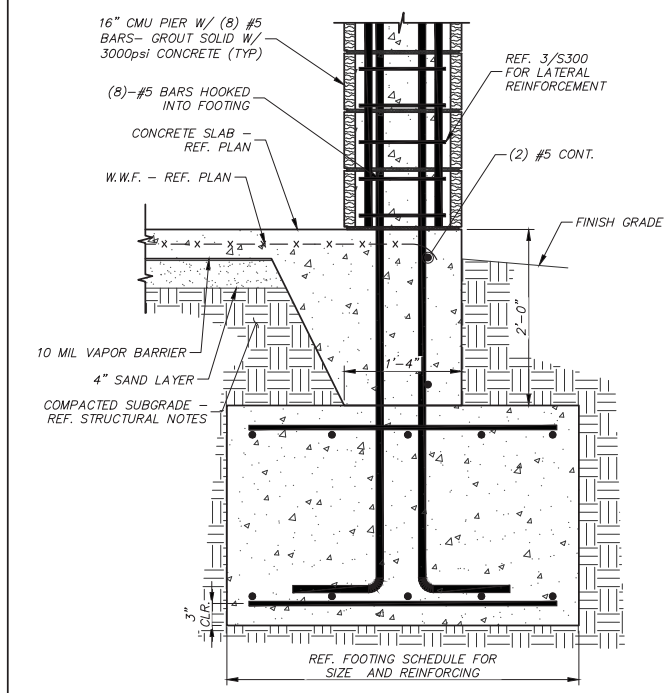
4 S300 TURNDOWN SLAB
NOT TO SCALE



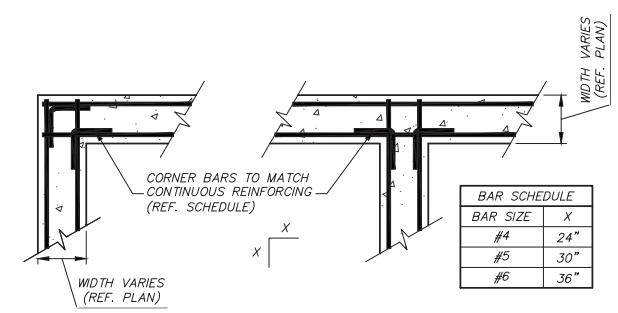
3 S300 LATERAL REINFORCING DETAIL
NOT TO SCALE



2 S300 FOOTING @ COLUMN DETAIL
NOT TO SCALE



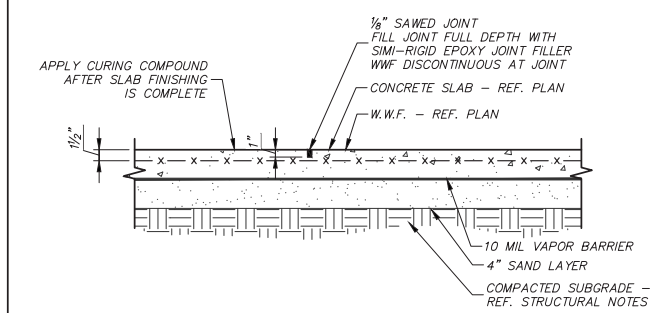
1 S300 FOOTING @ COLUMN DETAIL
NOT TO SCALE



BAR SCHEDULE	
BAR SIZE	X
#4	24"
#5	30"
#6	36"

NOTE: REF. FOOTING SCHEDULE ON FOUNDATION PLAN FOR SIZE AND SPACING OF CONTINUOUS REINFORCING.

6 S300 REINF. @ CONT. FOOTING INTERSECTIONS
NOT TO SCALE



INDICATED ON PLAN BY C.J.

NOTE: SAW JOINT WITHIN 4 HOURS AFTER POURING CONCRETE SLAB.

5 S300 4" SLAB CONTROL JOINT DETAIL
NOT TO SCALE

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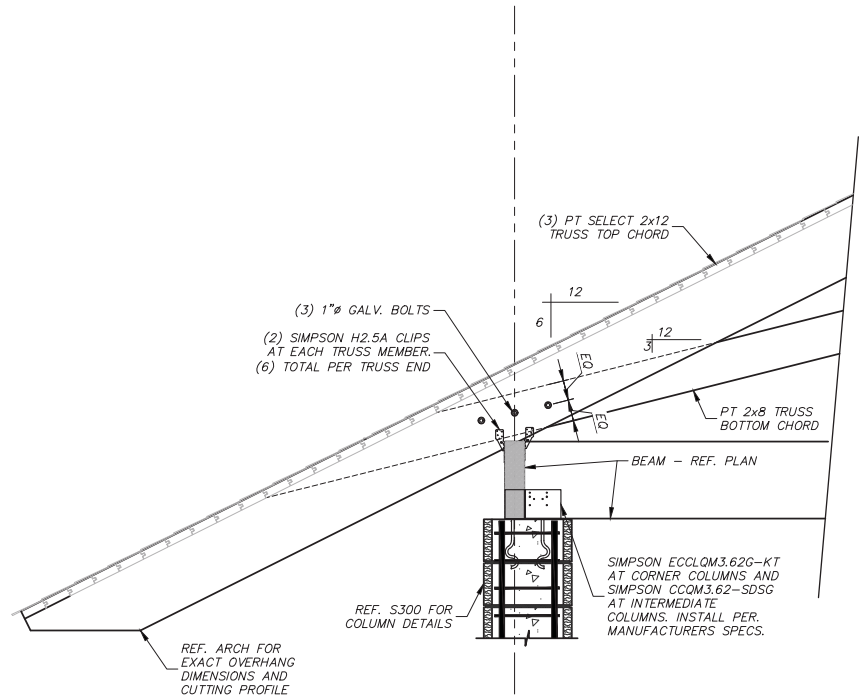

2 S400 SECTION
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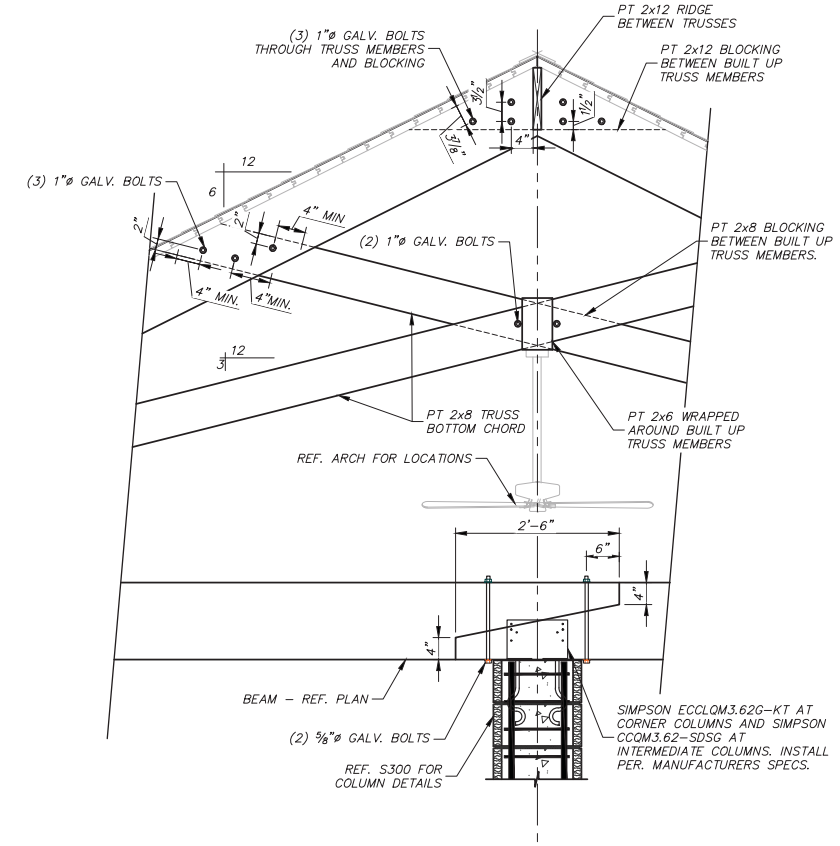

1 S400 SECTION
NOT TO SCALE

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JOB No.	2021–0564
DRAWING No.	S400

DESIGN TEAM/DRB COMMENT SHEET

The comments below are staff recommendations to the Design Review Board (DRB) and do NOT constitute DRB approval or denial.

PROJECT NAME: Heritage Pavilion DRB#: DRB-002396-2021

DATE: 11/01/2021

RECOMMENDATION: Approval ☐ Approval with Conditions ☒ Denial ☐

RECOMMENDED CONDITIONS:

1. Revise the site plan to better function for pedestrians and with the existing building.
2. Revise the storm drains to better preserve existing vegetation.

LANDSCAPE DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Provides for a harmonious setting for the site's structures, parking areas or other construction	☐	☒	☐	The two sites should function better together: 1. Provide pedestrian access to the site without vehicular conflicts. 2. Consider how landscaping can better incorporate the existing school into the site through landscaping and access, etc.
The location of existing mature trees is taken into account in placement of shrubs so as not to damage tree roots	☐	☒	☐	Revise the storm drain location along the eastern property line to allow for survival of the existing trees to be preserved. Special attention should be given to the 26" Laurel Oak.

MISC COMMENTS/QUESTIONS

1. The 28" Gum and 28" Loblolly Pine are significant trees. Removal requires waiver to remove.
2. Grading appears to be is shown in the front and rear buffer. Specify the buffer type (width).