



The Town of Hilton Head Island Regular Design Review Board Meeting

Tuesday, September 27, 2011

1:15 p.m. – Benjamin M. Racusin Council Chambers

AGENDA

As a Courtesy to Others Please Turn Off All Cell Phones and Pagers during the Meeting.

1. **Call to Order**
2. **Roll Call**
3. **Freedom of Information Act Compliance**
Public notification of this meeting has been published, posted, and mailed in compliance with the Freedom of Information Act and the Town of Hilton Head Island requirements
4. **Approval of Agenda**
5. **Approval of Minutes –**
 - A) Meeting of September 13, 2011
6. **Staff Report**
7. **Board Business**
8. **Unfinished Business**
 - A) DR110035- Cell Tower-15 Cooperative Way- Alteration/ Addition
 - B) DR110036- Bi-Lo Painting- Circle Center/ Port Royal Plaza- Minor External Change
 - C) DR110037- Fresh Market Shoppes
9. **New Business**
10. **Appearance by Citizens**
11. **Adjournment**

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

The Town of Hilton Head Island
Design Review Board
Minutes of the Tuesday, September 13, 2011 Meeting **DRAFT**
1:15pm – Benjamin M. Racusin Council Chambers

Board Members Present: Chairman Todd Theodore, Vice Chairman Scott Sodemann,
Jennifer Moffett, Galen Smith and Deborah Welch

Board Members Absent: Tom Parker, Excused

Council Members Present: Bill Ferguson

Town Staff Present: Mike Roan, Urban Design Administrator
Kathleen Carlin, Administrative Assistant

1. CALL TO ORDER

Chairman Todd Theodore called the meeting to order at 1:15pm.

2. ROLL CALL

3. FREEDOM OF INFORMATION ACT COMPLIANCE

4. APPROVAL OF THE AGENDA

The agenda was **approved** as presented by general consent.

5. APPROVAL OF THE MINUTES

The minutes of the August 23rd meeting were **approved** as presented by general consent.

6. STAFF REPORT

None

7. BOARD BUSINESS

None

8. UNFINISHED BUSINESS

Cell Tower 1005 Marshland Road - New Development – DR110022

Mr. Roan presented the history of the application. The applicant would like to resubmit the previously approved tower project, eliminating the false tree elements as camouflage. The cell tower will now be a standard looking tower, similar examples of which can be found elsewhere on the island. The tower is below the height requirements for any strobe lighting. The staff recommends approval. Following staff's presentation and brief discussion by the Board, Chairman Theodore requested that a motion be made.

Mr. Sodemann made a **motion** to **approve** Cell Tower – 1005 Marshland Road, New Development Application as presented by the staff today. Mr. Smith **seconded** the motion and the motion **passed** with a vote of 5-0-0.

The Lodge - Minor External Change – DR110033

Mr. Roan provided the history of the application. The applicant has reworked the storefront to incorporate board and batten siding, and honor the existing details and trim work in the door as a unifying element. Consolidating the finishes by staining everything to match the existing goes a long way to meeting the Board's request to tie together the proposed storefront modifications. The staff recommends approval. Following the staff's presentation Chairman Theodore requested that the applicant make his presentation.

Mr. Don Baker, Architect, Square Feet Island Architects, presented statements in support of the revised application. The Board and the applicant briefly discussed the revisions, and the Board agreed with staff's recommendation for approval. Following final comments, Chairman Theodore requested that a motion be made.

Mr. Smith made a **motion to approve** The Lodge – Minor External Change application as presented by the staff today. Ms. Jennifer Moffett **seconded** the motion and the motion **passed** with a vote of 5-0-0.

9. NEW BUSINESS

None

10. ADJOURNMENT

The meeting was adjourned at 1:25pm.

Submitted By:

Approved By:

September 27, 2011

Kathleen Carlin
Administrative Assistant

Todd Theodore
Chairman



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: | _____ |
| App. #: DR | _____ |
| Meeting Date: | _____ |

Applicant/Agent Name: Jay Sanders Company: AT&T MOBILITY
 Mailing Address: 5405 Windward Parkway City: Atlanta State: GA Zip: 30004
 Telephone: 404-934-5468 Fax: 888-736-3961 E-mail: jay@telecom-development.com
 Project Name: 410-432 HHI BIC 26 Project Address: 15 Cooperative Way
 Parcel Number [PIN]: R 5 1 1 0 0 8 0 0 0 0 2 0 0 0 0 0 0
 Zoning District: CC - Commercial Center Overlay District(s): _____

DESIGN REVIEW BOARD (DR) SUBMITTAL REQUIREMENTS

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

Project Category:

- New Development – Conceptual
 New Development – Final, indicate Project Number
 Alteration/Addition
 Minor External Change

Submittal Requirements for *All* projects:

- 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 16-3-1004. Submitting an application to the ARB to meet this requirement is the responsibility of the applicant.
 Filing Fee, New Development \$175, Alterations/Additions \$100, Minor External \$50 cash or check made payable to the Town of Hilton Head Island.

Additional Submittal Requirements:

New Development – Conceptual Approval

- A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-3-405, 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:

New Development – Final Approval

- _____ A final written narrative describing how the project conforms with the conceptual approval and design review guidelines of Sec. 16-4-503.
- _____ Final site development plan meeting the requirements of Sec. 16-3-303.F.
- _____ Final site lighting and landscaping plans meeting the requirements of Sec. 16-3-304 and Sec. 16-3-305.
- _____ 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 and Minor External Changes

- _____ A written narrative describing how project conforms to design guidelines of Section 16-4-503.
- _____ Photographs and/or drawings of existing development.
- _____ Drawings of the proposed development – 11"x 17".
- _____ Material/color samples of existing and proposed changes - 8 ½"X 14" *Maximum*; Stating manufacturer and material name

Note: All application items must be received by the deadline date in order to be reviewed by the DRB per LMO Section 16-3-106.

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

9-13-2011

DATE

September 15, 2011

Town of Hilton Head
Community Development Department
One Town Center Court
Hilton Head Island, South Carolina 29928

RE: Written narrative describing the scope of the project.

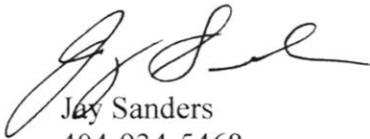
Dear Mr. Roan,

AT&T Mobility has interest in collocating on the existing 100 ft. Palmetto Electric tower located at 15 Cooperative Way. AT&T will be installing their panel antennas at the 85 ft. rad center on the tower. The intent is to improve AT&T infill coverage to Hilton Head Island.

AT&T will not be increasing the height of the tower.

If there is any additional question about AT&T's collocation, please do not hesitate to contact me.

Sincerely,

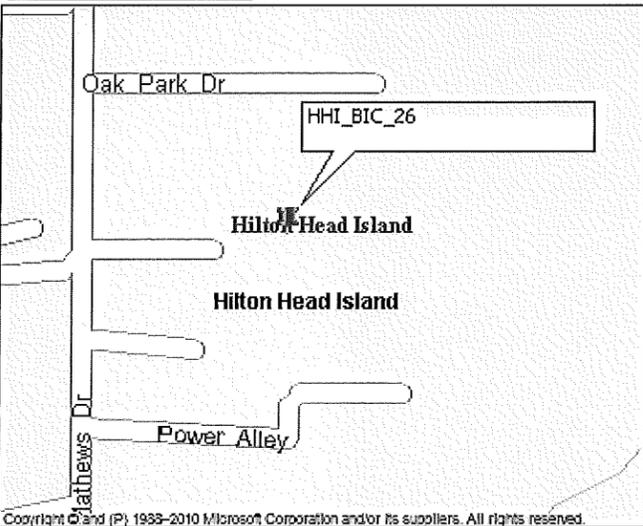


Jay Sanders
404-934-5468

LOCATION MAP



VICINITY MAP



DRIVE DIRECTIONS

FROM ATLANTA:
 TAKE I-75 SOUTH FOR 81.0 MILES AND MERGE ONTO I-16 E VIA EXIT 165, AND GO AHEAD FOR 156.8 MILES TO EXIT 157B, I-45 NORTH. PROCEED FOR 21.5 MILES TO EXIT 8, US-278 AND AT EXIT MERGE ONTO US-278 E AND GO AHEAD FOR 21.1 MILES THEN MERGE ONTO WILLIAM HILTON PARKWAY. GO ON FOR 2.7 MILES AND TURN RIGHT ONTO MATTHEWS DRIVE THEN LEFT ONTO COOPERATIVE WAY. CONTINUE TO POWER PLANT AND ARRIVE AT SITE.

| DEPARTMENT | NAME / SIGNATURE | DATE |
|---------------------------|------------------|------|
| LAND OWNER / TOWER OWNER | | |
| SITE ACQUISITION AGENT | | |
| ZONING / PERMITTING AGENT | | |
| A/E MANAGER | | |
| CONSTRUCTION MANAGER | | |
| RF ENGINEER | | |

SITE NUMBER:

410-432

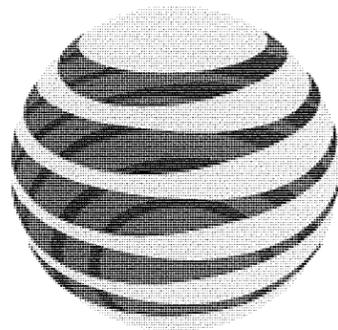
SITE NAME:

HHI_BIC_26

TOWER OWNER:

PALMETTO ELECTRIC STATION

PREPARED FOR:



at&t

PROJECT MANAGER:



Goodman Networks

Network Knowledge... Delivered.

PREPARED BY:



30 MANSELL CT
 SUITE 103
 ROSWELL, GA 30076
 678-280-2325



PROJECT INFORMATION

SITE ADDRESS: III MATHEWS DRIVE
 HILTON HEAD IS., SC 29926

LATITUDE: 32° 12' 34.6"
 LONGITUDE: 80° 42' 02.9"

JURISDICTION: BEAUFORT COUNTY
 ZONING CLASS: CC (COMMERCIAL CENTER)
 PARCEL I.D.: R511 008 000 0200 0000

LAND OWNER: PALMETTO ELECTRIC COOP.
 ELECTRIC AVENUE
 HILTON HEAD ISLAND, SC 29926

TOWER OWNER: SBA
 5900 BROKEN SOUND PARKWAY
 BOCA RATON, FL 33487
 800-487-SITE

APPLICANT: AT&T
 5405 WINDWARD PARKWAY
 ALPHARETTA, GA 30004

PROJECT MANAGER: GOODMAN NETWORKS, INC.
 5895 WINDWARD PARKWAY
 SUITE 250
 ALPHARETTA, GA 30005
 CHANCE RENKEL
 469-236-3828

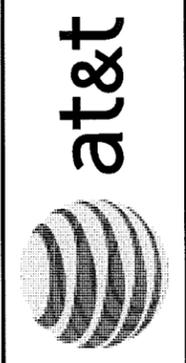
ENGINEER: PM&A
 30 MANSELL COURT, SUITE 103
 ROSWELL, GA 30076
 PATRICK W MARSHALL, P.E.
 678-280-2325

POWER: PALMETTO ELECTRIC
 TELCO: HARGRAY

DRAWING INDEX

- T-1 TITLE SHEET & PROJECT INFORMATION
- SURVEY
- C-1 GENERAL NOTES
- C-2 OVERALL SITE PLAN
- C-2.1 DETAILED SITE PLAN
- C-3 TOWER ELEVATION & DETAILS
- C-4 GRADING & EROSION CONTROL PLAN
- C-5 GRADING & EROSION CONTROL DETAILS
- C-6 GRADING & EROSION CONTROL SPECIFICATIONS
- C-7 EQUIPMENT FOUNDATION DETAILS & NOTES
- C-8 EQUIPMENT LAYOUT
- C-9 ICE BRIDGE DETAILS
- C-10 SITE SIGNAGE
- C-11 LTE EQUIPMENT DETAILS
- C-12 LTE EQUIPMENT DETAILS
- E-1 ELECTRICAL SPECS & ONE-LINE DIAGRAM
- E-2 ELECTRICAL SITE PLAN
- E-3 GROUNDING SITE PLAN
- E-4 GROUNDING DETAILS
- E-5 COAX COLOR CODE TEMPLATE & RFDS
- E-6 GENERATOR FOUNDATION DETAILS
- E-7 GENERATOR ONE-LINE DIAGRAM

RFDS: 6A_410-432_HHI_BIC_26_A_PALMETTO_ELECTRIC_CCO_243000654_1015510_0831101



| DESCRIPTION | DATE | ISSUED FOR REVIEW | ISSUED FOR REVIEW | ISSUED FOR PERMITTING & CONSTRUCTION |
|-------------|---------|-------------------|-------------------|--------------------------------------|
| | 8/31/11 | | | |
| | 9/6/11 | | | |
| | 9/15/11 | | | |

| NUM | A | B | C | 1 | 2 |
|-----|---|---|---|---|---|
| | | | | | |

410-432
TITLE SHEET & PROJECT INFORMATION

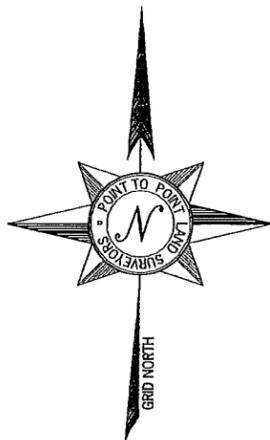
DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM

JOB #: GNG825

T-1

SUBJECT PROPERTY

OWNER: PALMETTO ELECTRIC COOPERATIVE INC.
 SITE ADDRESS: ELECTRIC AVENUE, HILTON HEAD ISLAND, SC 29926
 PARCEL ID: R511 008 000 0200 0000
 AREA: 5.8129 ACRES±
 ZONED: CC (COMMERCIAL CENTER)
 REFERENCE: OEDD BOOK 21476 PAGE 1479
 PLAT BOOK 88 PAGE 169
 DEED BOOK 294 PAGE 1617
 PLAT BOOK 20 PAGE 24



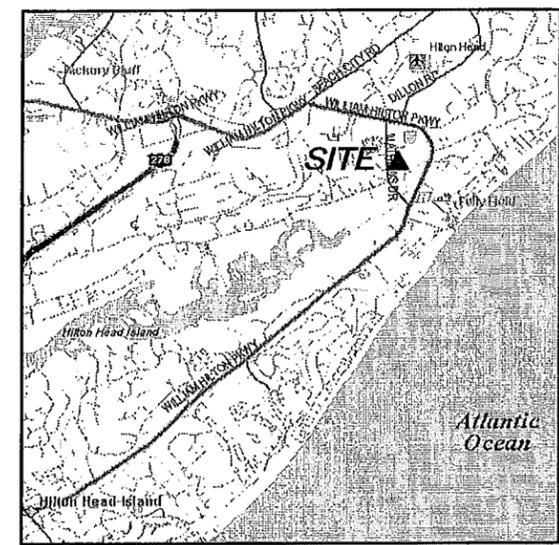
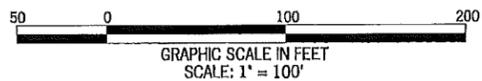
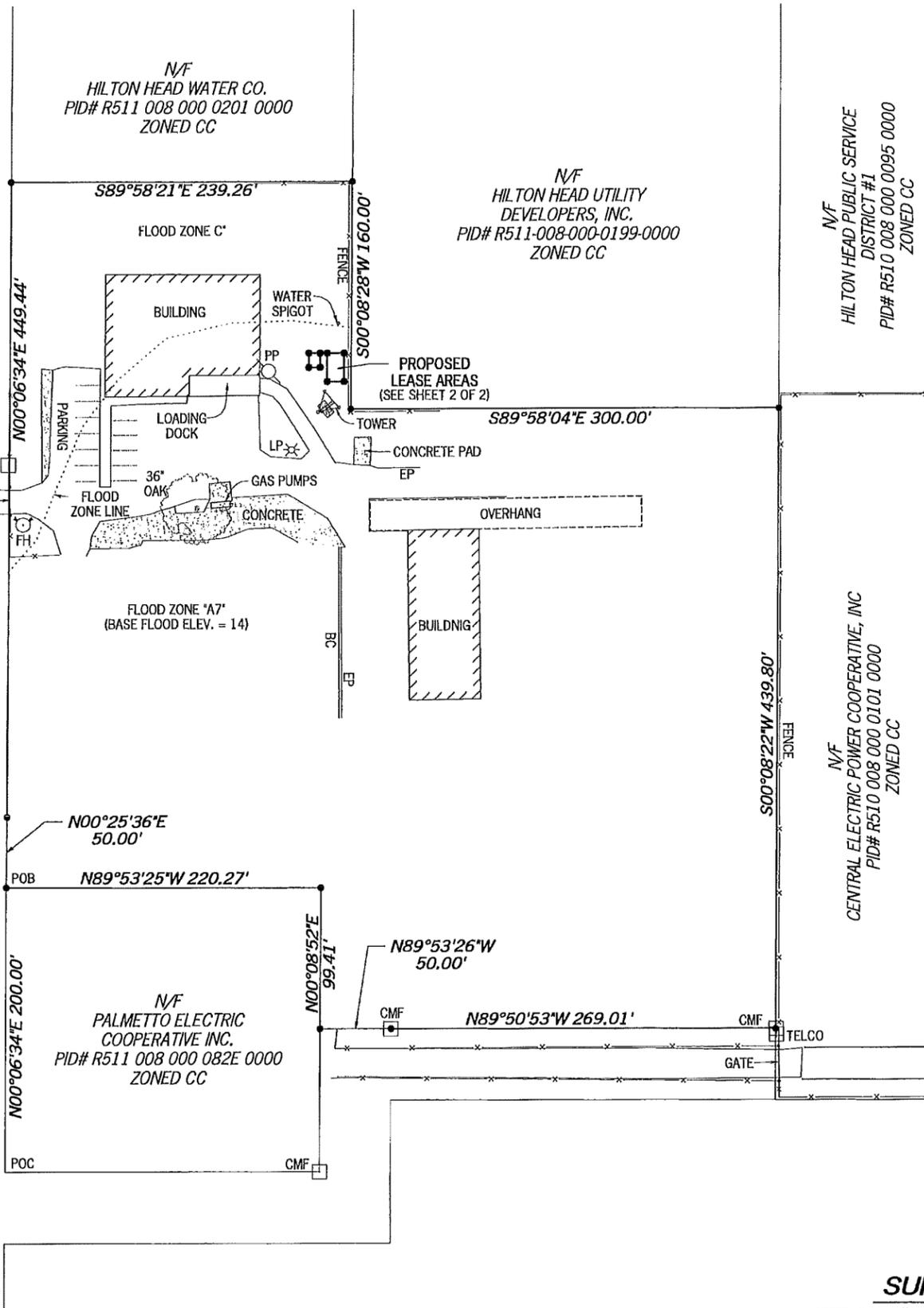
- LEGEND**
- POB POINT OF BEGINNING
 - POC POINT OF COMMENCEMENT
 - IPS IRON PIN SET
 - IPF IRON PIN FOUND
 - CMF CONCRETE MONUMENT FOUND
 - UP UTILITY POLE
 - LP LIGHT POLE
 - FP FLAG POLE
 - SSMH SANITARY SEWER MANHOLE
 - SDMH STORM DRAIN MANHOLE
 - INV INVERT
 - FH FIRE HYDRANT
 - EP EDGE OF PAVEMENT
 - TC TOP OF CURB
 - BC BACK OF CURB
 - TW TOP OF WALL
 - BW BOTTOM OF WALL
 - OU OVERHEAD UTILITY
 - UE UNDERGROUND UTILITY
 - CMP CORRUGATED METAL PIPE
 - RCP REINFORCED CONCRETE PIPE
 - PVC POLYVINYL CHLORIDE PIPE
 - CW CUP WIRE ANCHOR
 - TR TRANSFORMER
 - JB JUNCTION BOX
 - SWCB SINGLE WING CATCH BASIN
 - DWCB DOUBLE WING CATCH BASIN
 - CLF CHAIN LINK FENCE
 - WV WATER VALVE
 - WM WATER METER
 - CO SEWER CLEAN-OUT
 - GV GAS VALVE
 - N/F NOW OR FORMERLY
 - IB ICE BRIDGE
 - IBP ICE BRIDGE POLE

COOPERATIVE WAY
(50' R/W)

THOMPSON STREET
(50' R/W)

POWER ALLEY
(50' R/W)

ELECTRIC AVENUE (50' R/W)



VICINITY MAP
NOT TO SCALE

GENERAL NOTES

THIS EASEMENT SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF AT&T AND EXCLUSIVELY FOR THE TRANSFERRAL OF THE LEASEHOLD AND THE RIGHTS OF EASEMENT SHOWN HEREON AND SHALL NOT BE USED AS AN EXHIBIT OR EVIDENCE IN THE FEE SIMPLE TRANSFERRAL OF THE SUBJECT PROPERTY NOR ANY PORTION OR PORTIONS THEREOF. NO BOUNDARY SURVEY WAS PERFORMED.

THIS SURVEY WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT WHICH MAY REVEAL ADDITIONAL CONVEYANCES, EASEMENTS, OR RIGHTS-OF-WAY NOT SHOWN HEREON.

EQUIPMENT USED FOR ANGULAR & LINEAR MEASUREMENTS: LEICA TCRA 1103 ROBOTIC

THE FIELD DATA UPON WHICH THIS EASEMENT SURVEY IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN 20,000+ FEET AND AN ANGULAR ERROR OF 5.0" PER ANGULAR POINT AND WAS ADJUSTED USING LEAST SQUARES.

THE PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE TO WITHIN ONE FOOT IN 100,000+ FEET.

THE 2' CONTOURS SHOWN ON THIS EASEMENT SURVEY ARE ADJUSTED TO NAVD 88 DATUM AND HAVE A VERTICAL ACCURACY OF ± 1'. CONTOURS OUTSIDE THE IMMEDIATE SITE AREA ARE APPROXIMATE.

BEARINGS SHOWN ON THIS EASEMENT SURVEY ARE BASED ON GRID NORTH (NAD 83).

THIS PROPERTY IS LOCATED IN A SPECIAL FLOOD AREA (FLOOD ZONE "A7" - BASE FLOOD ELEVATION=14 AND FLOOD ZONE "C" - AREAS OF MINIMAL FLOODING) AS PER F.I.R.M. COMMUNITY PANEL NO. 45025000080 DATED SEPTEMBER 29, 1986 AND PER F.I.R.M. COMMUNITY PANEL NO. 45025000090 DATED SEPTEMBER 29, 1986.

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM ABOVE GROUND FIELD SURVEY INFORMATION. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.



SURVEYOR CERTIFICATION

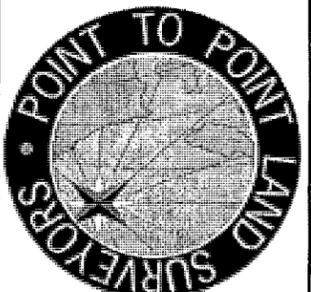
I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "B" SURVEY SPECIFIED THEREIN.

THIS SURVEY IS NOT FOR RECORDATION PURPOSES.



| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |

EASEMENT SURVEY PREPARED BY:
POINT TO POINT LAND SURVEYORS
 810 Jackson Street
 Locust Grove, Georgia 30248
 (p) 678.565.4440 (f) 678.565.4497
 (w) pointtosurvey.com



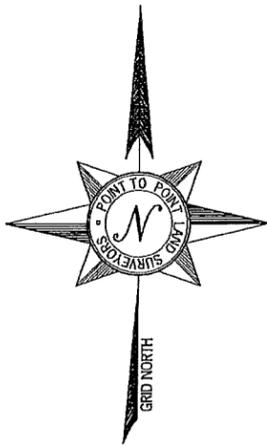
EASEMENT SURVEY PREPARED FOR:



"PALMETTO ELECTRIC"
 SITE NO. 410-432
 HILTON HEAD ISLAND
 BEAUFORT COUNTY
 SOUTH CAROLINA

| | |
|---------------------|----------|
| DRAWN BY: NRW | SHEET: 1 |
| CHECKED BY: MW | OF 2 |
| APPROVED: C. INER | |
| DATE: 22 JULY, 2011 | |
| P2P JOB #: 2011.477 | |

P:\2011\2011_477\2011_477_Tier 1.dwg

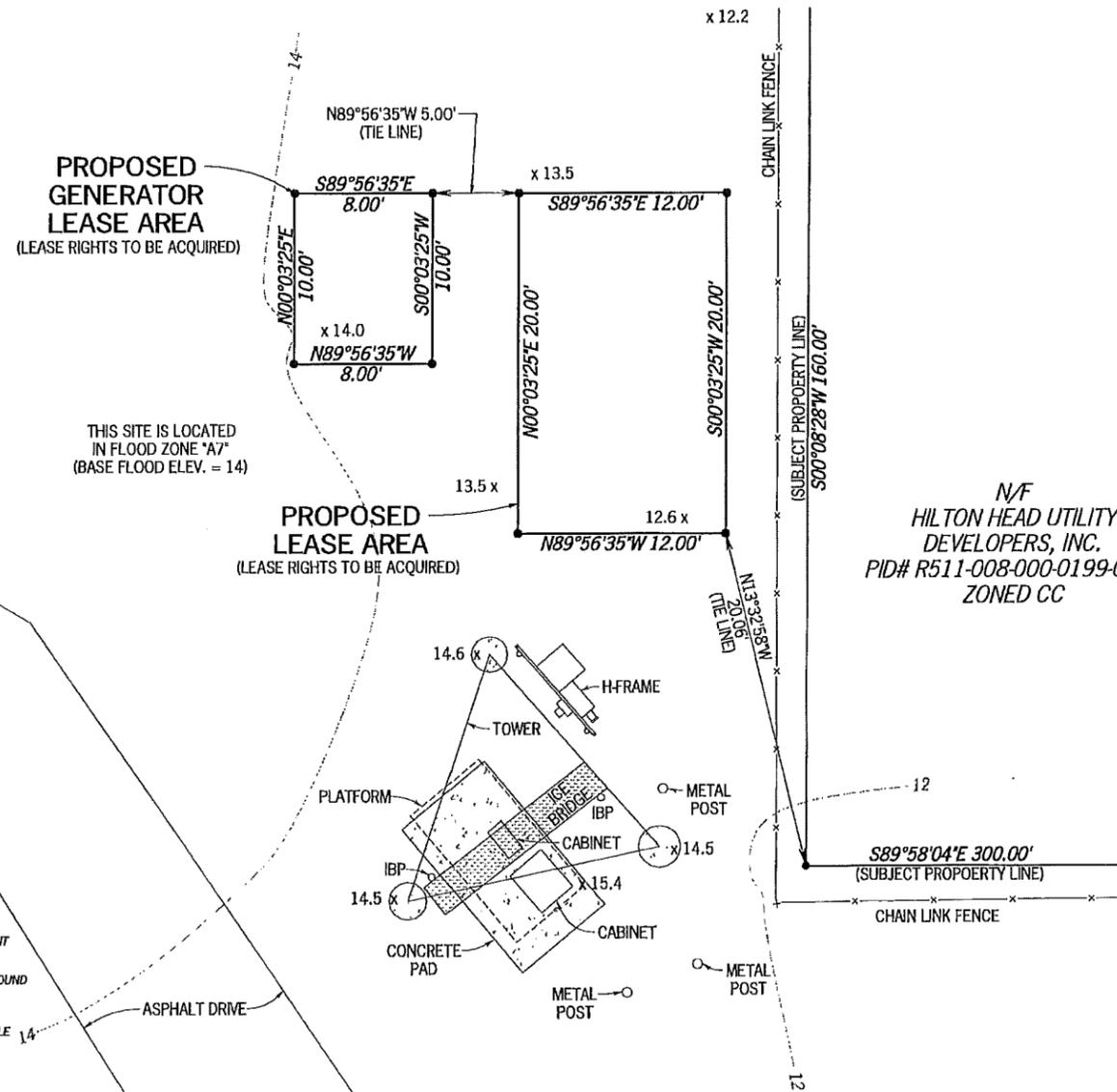


SITE INFORMATION

PROPOSED LEASE AREA = 240 SQUARE FEET (0.0055 ACRES)
 PROPOSED GENERATOR LEASE AREA = 80 SQUARE FEET (0.0018 ACRES)

LATITUDE = 32°12'34.6" (NAD 83)
 AT CENTER OF EXISTING TOWER
 LONGITUDE = 80°42'02.9" (NAD 83)

ELEVATION AT CENTER OF EXISTING TOWER = 13' A.M.S.L.



- LEGEND**
- POB POINT OF BEGINNING
 - POC POINT OF COMMENCEMENT
 - IPS IRON PIN SET
 - IPF IRON PIN FOUND
 - CMF CONCRETE MONUMENT FOUND
 - PP UTILITY POLE
 - LP LIGHT POLE
 - FP FLAG POLE
 - SSMH SANITARY SEWER MANHOLE
 - SDMH STORM DRAIN MANHOLE
 - INV INVERT
 - FH FIRE HYDRANT
 - EP EDGE OF PAVEMENT
 - TC TOP OF CURB
 - BC BACK OF CURB
 - TW TOP OF WALL
 - BW BOTTOM OF WALL
 - OU OVERHEAD UTILITY
 - UE UNDERGROUND UTILITY
 - CMF CORRUGATED METAL PIPE
 - RCP REINFORCED CONCRETE PIPE
 - PVC POLYVINYL CHLORIDE PIPE
 - GW GUY WIRE ANCHOR
 - TR TRANSFORMER
 - JB JUNCTION BOX
 - SWCB SINGLE WING CATCH BASIN
 - DWCB DOUBLE WING CATCH BASIN
 - CLF CHAIN LINK FENCE
 - WV WATER VALVE
 - WM WATER METER
 - CO SEWER CLEAN-OUT
 - GV GAS VALVE
 - NVF NOW OR FORMERLY
 - IB ICE BRIDGE
 - IBP ICE BRIDGE POLE

SUBJECT PROPERTY

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING ON HILTON HEAD ISLAND, BEAUFORT COUNTY, SOUTH CAROLINA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TO FIND THE POINT OF BEGINNING, COMMENCE AT THE POINT CREATED BY THE INTERSECTION OF THE EASTERLY RIGHT-OF-WAY LINE OF ELECTRIC AVENUE (HAVING A 50-FOOT RIGHT-OF-WAY) AND THE NORTHERLY RIGHT-OF-WAY LINE OF POWER ALLEY (HAVING A 50-FOOT RIGHT-OF-WAY); THENCE LEAVING SAID INTERSECTION AND RUNNING ALONG SAID EASTERLY RIGHT-OF-WAY LINE OF ELECTRIC AVENUE, NORTH 00°06'34" EAST, 200.00 FEET TO A POINT AND THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID EASTERLY RIGHT-OF-WAY LINE OF ELECTRIC AVENUE, NORTH 00°25'36" EAST, 50.00 FEET TO A POINT; THENCE, NORTH 00°06'34" EAST, 449.44 FEET TO A POINT; THENCE LEAVING SAID EASTERLY RIGHT-OF-WAY LINE OF ELECTRIC AVENUE AND RUNNING, SOUTH 89°58'21" EAST, 239.26 FEET TO A POINT; THENCE, SOUTH 00°08'28" WEST, 160.00 FEET TO A POINT; THENCE, SOUTH 89°58'04" EAST, 300.00 FEET TO A POINT; THENCE, SOUTH 00°08'22" WEST, 439.80 FEET TO A CONCRETE MONUMENT FOUND ON THE NORTHERLY RIGHT-OF-WAY LINE OF POWER ALLEY; THENCE ALONG SAID NORTHERLY RIGHT-OF-WAY LINE OF POWER ALLEY, NORTH 89°50'53" WEST, 269.01 FEET TO A CONCRETE MONUMENT FOUND; THENCE, NORTH 89°53'26" WEST, 50.00 FEET TO A POINT; THENCE LEAVING SAID NORTHERLY RIGHT-OF-WAY LINE OF POWER ALLEY AND RUNNING, NORTH 00°08'52" EAST, 99.41 FEET TO A POINT; THENCE, NORTH 89°53'25" WEST, 220.27 FEET TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF ELECTRIC AVENUE AND THE TRUE POINT OF BEGINNING.

SAID TRACT CONTAINS 5.8129 ACRES (253,212 SQUARE FEET), MORE OR LESS.

PROPOSED LEASE AREA

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING ON HILTON HEAD ISLAND, BEAUFORT COUNTY, SOUTH CAROLINA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TO FIND THE POINT OF BEGINNING, COMMENCE AT THE POINT CREATED BY THE INTERSECTION OF THE EASTERLY RIGHT-OF-WAY LINE OF ELECTRIC AVENUE (HAVING A 50-FOOT RIGHT-OF-WAY) AND THE NORTHERLY RIGHT-OF-WAY LINE OF POWER ALLEY (HAVING A 50-FOOT RIGHT-OF-WAY); THENCE LEAVING SAID INTERSECTION AND RUNNING ALONG SAID EASTERLY RIGHT-OF-WAY LINE OF ELECTRIC AVENUE, NORTH 00°06'34" EAST, 200.00 FEET TO A POINT; THENCE, NORTH 00°25'36" EAST, 50.00 FEET TO A POINT; THENCE, NORTH 00°06'34" EAST, 449.44 FEET TO A POINT; THENCE LEAVING SAID EASTERLY RIGHT-OF-WAY LINE OF ELECTRIC AVENUE AND RUNNING, SOUTH 89°58'21" EAST, 239.26 FEET TO A POINT; THENCE, SOUTH 00°08'28" WEST, 160.00 FEET TO A POINT; THENCE ALONG A TIE LINE, NORTH 13°32'58" WEST, 20.06 FEET TO A POINT AND THE TRUE POINT OF BEGINNING; THENCE RUNNING, NORTH 89°56'35" WEST, 12.00 FEET TO A POINT; THENCE, NORTH 00°03'25" EAST, 20.00 FEET TO A POINT; THENCE, SOUTH 89°56'35" EAST, 12.00 FEET TO A POINT; THENCE, SOUTH 00°03'25" WEST, 20.00 FEET TO A POINT AND THE TRUE POINT OF BEGINNING.

SAID TRACT CONTAINS 0.0055 ACRES (240 SQUARE FEET), MORE OR LESS.

PROPOSED GENERATOR LEASE AREA

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING ON HILTON HEAD ISLAND, BEAUFORT COUNTY, SOUTH CAROLINA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

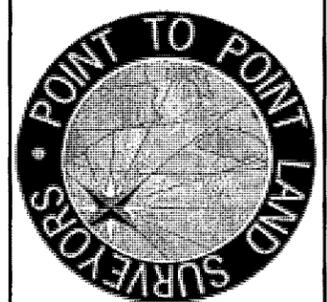
TO FIND THE POINT OF BEGINNING, COMMENCE AT THE POINT CREATED BY THE INTERSECTION OF THE EASTERLY RIGHT-OF-WAY LINE OF ELECTRIC AVENUE (HAVING A 50-FOOT RIGHT-OF-WAY) AND THE NORTHERLY RIGHT-OF-WAY LINE OF POWER ALLEY (HAVING A 50-FOOT RIGHT-OF-WAY); THENCE LEAVING SAID INTERSECTION AND RUNNING ALONG SAID EASTERLY RIGHT-OF-WAY LINE OF ELECTRIC AVENUE, NORTH 00°06'34" EAST, 200.00 FEET TO A POINT; THENCE, NORTH 00°25'36" EAST, 50.00 FEET TO A POINT; THENCE, NORTH 00°06'34" EAST, 449.44 FEET TO A POINT; THENCE LEAVING SAID EASTERLY RIGHT-OF-WAY LINE OF ELECTRIC AVENUE AND RUNNING, SOUTH 89°58'21" EAST, 239.26 FEET TO A POINT; THENCE, SOUTH 00°08'28" WEST, 160.00 FEET TO A POINT; THENCE ALONG A TIE LINE, NORTH 13°32'58" WEST, 20.06 FEET TO A POINT; THENCE, SOUTH 00°08'28" WEST, 160.00 FEET TO A POINT; THENCE, NORTH 00°03'25" EAST, 20.00 FEET TO A POINT; THENCE ALONG A TIE LINE, NORTH 89°56'35" WEST, 5.00 FEET TO A POINT AND THE TRUE POINT OF BEGINNING; THENCE RUNNING, SOUTH 00°03'25" WEST, 10.00 FEET TO A POINT; THENCE, NORTH 89°56'35" WEST, 8.00 FEET TO A POINT; THENCE, NORTH 00°03'25" EAST, 10.00 FEET TO A POINT; THENCE, SOUTH 89°56'35" EAST, 8.00 FEET TO A POINT AND THE TRUE POINT OF BEGINNING.

SAID TRACT CONTAINS 0.0018 ACRES (80 SQUARE FEET), MORE OR LESS.



| NO. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

EASEMENT SURVEY PREPARED BY:
POINT TO POINT LAND SURVEYORS
 810 Jackson Street
 Locust Grove, Georgia 30248
 (p) 678.565.4440 (f) 678.565.4497
 (w) pointtopointsurvey.com



EASEMENT SURVEY PREPARED FOR:



"PALMETTO ELECTRIC"

SITE NO. 410-432
 HILTON HEAD ISLAND
 BEAUFORT COUNTY
 SOUTH CAROLINA

DRAWN BY: NRW
 CHECKED BY: MW
 APPROVED: C. INER
 DATE: 22 JULY, 2011
 P2P JOB #: 2011.477

SHEET:
2
 OF 2

K:\2011\2011.477\2011.477.dwg

GENERAL NOTES:

1. THE GENERAL CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.
2. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
3. THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE OF THE WORK.
4. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
5. SITE GROUNDING SHALL COMPLY WITH AT&T MOBILITY ATLANTA GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH AT&T MOBILITY ATLANTA GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN. GROUNDING SHALL BE COMPLETED BEFORE ERECTION OF THE TOWER.
6. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF TEMPORARY LIGHTING AND MARKING IS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.
7. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
8. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 24 HOURS OF NOTICE SHALL BE GIVEN AND THE BUILDING INSPECTION DEPARTMENTS HAVE REQUESTED THAT GROUPS OF TWO OR THREE SITES BE SCHEDULED AT ONE TIME IF POSSIBLE.
10. CONSTRUCTION MANAGER WILL CONFIRM FAA APPROVAL OF TOWER LOCATION BY ISSUING TOWER RELEASE FORM. NO TOWER SHALL BE CONSTRUCTED UNTIL THE TOWER RELEASE FORM IS ISSUED TO THE CONTRACTOR.
11. THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS AND TOWER DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.
12. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
13. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
14. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO PROPERTY OUTSIDE THE LEASE PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR.
15. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.
16. SEEDING AND MULCHING OF THE SITE SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR PERIOD.
17. FOR ITEMS THAT SHALL BE PROVIDED BY THE OWNER & INSTALLED BY THE CONTRACTOR, SEE "OWNER SUPPLIED MATERIAL LIST" INSERTED IN THIS DRAWING PACKAGE.
18. PERMITS: OBTAIN AND PAY FOR REQUIRED PERMITS, LICENSES, FEES, INSPECTIONS, ETC.
19. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.
20. REFER TO SITE CIVIL SPECIFICATIONS SECTION 13000 - REFERENCE STANDARDS
21. THE CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING ON THE WORK CONTAINED IN THIS DESIGN PACKAGE.

EXCAVATION & GRADING NOTES:

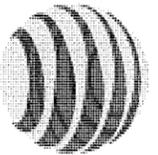
1. ALL CUT AND FILL SLOPES SHALL BE 3 : 1 MAXIMUM.
2. ALL EXCAVATIONS ON WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNFROZEN SOIL AND BE FREE FROM LOOSE MATERIAL AND EXCESS GROUND WATER. DRAINAGE FOR EXCESS GROUND WATER SHALL BE PROVIDED IF REQUIRED.
3. CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC MATERIAL. IF SOUND SOIL IS NOT REACHED AT THE DESIGNATED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION BE FILLED WITH CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION.
4. ANY EXCAVATION OVER THE REQUIRED DEPTH SHALL BE FILLED WITH EITHER MECHANICALLY COMPACTED GRANULAR MATERIAL OF CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS.
5. AFTER COMPLETION OF THE FOUNDATION AND OTHER CONSTRUCTION BELOW GRADE, AND BEFORE BACK FILLING, ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH.
6. BACK FILL SHALL BE:
 - APPROVED MATERIALS CONSISTING OF EARTH, LOAM, SANDY CLAY, SAND, GRAVEL, OR SOFT SHALE;
 - FREE FROM CLODS OR STONES OVER 2-1/2" MAXIMUM DIMENSIONS;
 - IN LAYERS AND COMPACTED.
7. SITE FILL MATERIAL AND FOUNDATION BACK FILL SHALL BE PLACED IN LAYERS, MAXIMUM 6" DEEP BEFORE COMPACTION. EACH LAYER SHALL BE SPRINKLED IF REQUIRED AND COMPACTED BY HAND OPERATED OR MACHINE TAMPERS TO 95% OF MAXIMUM DENSITY, AT THE OPTIMUM MOISTURE CONTENT ±2% AS DETERMINED BY ASTM DESIGNATION D-698, UNLESS OTHERWISE APPROVED. SUCH BACK FILL SHALL NOT BE PLACED BEFORE 3 DAYS AFTER PLACEMENT OF CONCRETE.
8. THE FOUNDATION AREA SHALL BE GRADED TO PROVIDE WATER RUNOFF AND PREVENT WATER FROM STANDING. THE FINAL GRADE SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE FOUNDATION AND SHALL THEN BE COVERED WITH 4" DEEP COMPACTED STONE OR GRAVEL.
9. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL CITY, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS SILT FENCES, STAW BALE SEDIMENT BARRIERS AND CHECK DAMS.
10. FILL PREPARATION:
 - REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE PRIOR TO PLACING FILLS. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SO FILL MATERIAL WILL BOND WITH EXISTING SURFACE. WHEN SUBGRADE OR EXISTING GROUND SURFACE TO RECEIVE FILL HAS A DENSITY LESS THAN THAT REQUIRED FOR FILL, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION OR AERATE SOIL AND RECOMPACT TO REQUIRED DENSITY.
 - REPLACE THE EXISTING WEARING SURFACE ON AREAS WHICH HAVE BEEN DAMAGED OR REMOVED DURING CONSTRUCTION OPERATIONS. SURFACE SHALL BE REPLACE TO MATCH EXISTING ADJACENT SURFACING AND SHALL BE OF THE SAME THICKNESS. NEW SURFACE SHALL BE FREE FROM CORRUGATIONS AND WAVES. EXISTING SURFACING MAY BE EXCAVATED SEPARATELY AND REUSED IF INJURIOUS AMOUNTS OF EARTH, ORGANIC MATERIAL, OF OTHER DELETERIOUS MATERIALS ARE REMOVED PRIOR TO REUSE. FURNISH ALL ADDITIONAL RESURFACING MATERIAL AS REQUIRED. BEFORE SURFACING IS REPLACED, SUBGRADE SHALL BE GRADED TO CONFORM TO REQUIRED SUBGRADE ELEVATIONS, AND LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED. DEPRESSIONS IN THE SUBGRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. SURFACING SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUBGRADE.
12. PROTECT EXISTING SURFACING AND SUBGRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING OR OTHER SUITABLE MATERIALS DESIGNED TO SPREAD EQUIPMENT LOADS. REPAIR DAMAGE TO EXISTING GRAVEL SURFACING OR SUBGRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTOR'S OPERATIONS. DAMAGED GRAVEL SURFACING SHALL BE RESTORED TO MATCH THE ADJACENT UNDAMAGED GRAVEL SURFACING AND SHALL BE OF THE SAME THICKNESS.
13. DAMAGE TO EXISTING STRUCTURES AND UTILITIES RESULTING FROM CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED / REPLACED TO OWNER'S SATISFACTION AT CONTRACTOR'S EXPENSE.
14. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH PROPERTY OWNER SO AS TO AVOID INTERRUPTIONS TO PROPERTY OWNER'S OPERATIONS.
15. ENSURE POSITIVE DRAINAGE DURING AND AFTER COMPLETION OF CONSTRUCTION.
16. RIPRAP SHALL BE CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY, AND FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL, ALKALI, OR OTHER DELETERIOUS SUBSTANCE.

LEGEND

- X— FENCE
- [550]— CONTOUR LINE
- - - - - PROPERTY LINE / ROW
- - - - - LEASE AREA
- - - - - EASEMENT
- DISCONNECT SWITCH
- Ⓜ METER
- Ⓢ CIRCUIT BREAKER
- ⓧ CODED NOTE NUMBER
- Ⓡ CHEMICAL GROUND ROD
- ⓇⓈ GROUND ROD
- ⓇⓈⓈ GROUND ROD WITH INSPECTION SLEEVE
- GADWELD TYPE CONNECTION
- COMPRESSION TYPE CONNECTION
- G— GROUND WIRE

PM&A
30 MANSSELL CT
SUITE 103
ROSWELL, GA 30076
678-280-2325

at&t



| DESCRIPTION: | DATE | ISSUED FOR REVIEW | ISSUED FOR REVIEW | ISSUED FOR PERMITTING & CONSTRUCTION |
|--------------|---------|-------------------|-------------------|--------------------------------------|
| NUM | | | | |
| A | 0/0/01 | | | |
| B | 4/6/01 | | | |
| C | 4/17/01 | | | |
| | | | | |
| | | | | |

410-432

GENERAL NOTES

SITE

DESIGNED: JTG
DRAWN: JTG
CHECKED: PWM

JOB #: GN6825

C-1



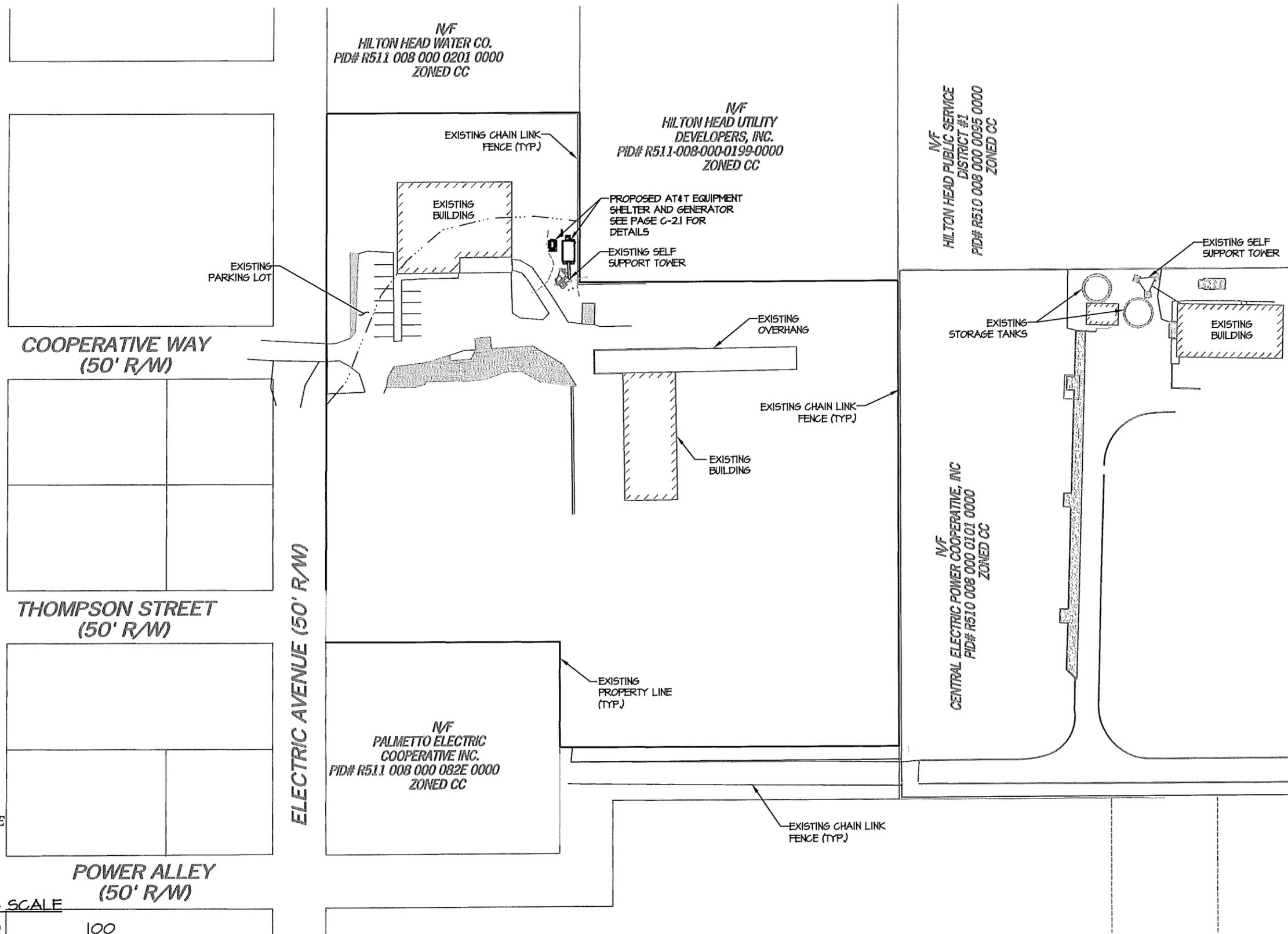
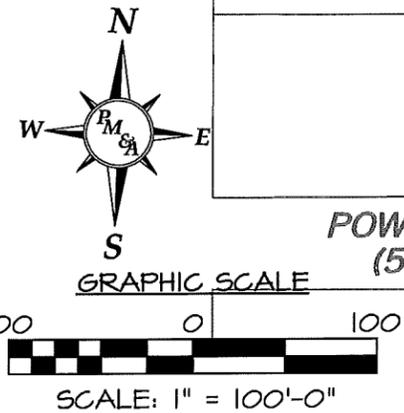


| NUM | DATE | DESCRIPTION |
|-----|---------|--------------------------------------|
| A | 8/21/11 | ISSUED FOR REVIEW |
| B | 9/6/11 | ISSUED FOR REVIEW |
| O | 9/13/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| 1 | | |
| 2 | | |

410-432
OVERALL SITE PLAN

DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM
 JOB #: GNG825

C-2



DETAILED SITE PLAN
 SCALE: 1" = 100'-0"

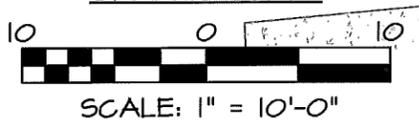
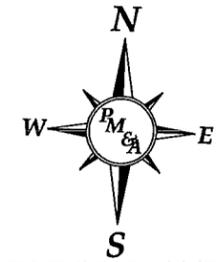
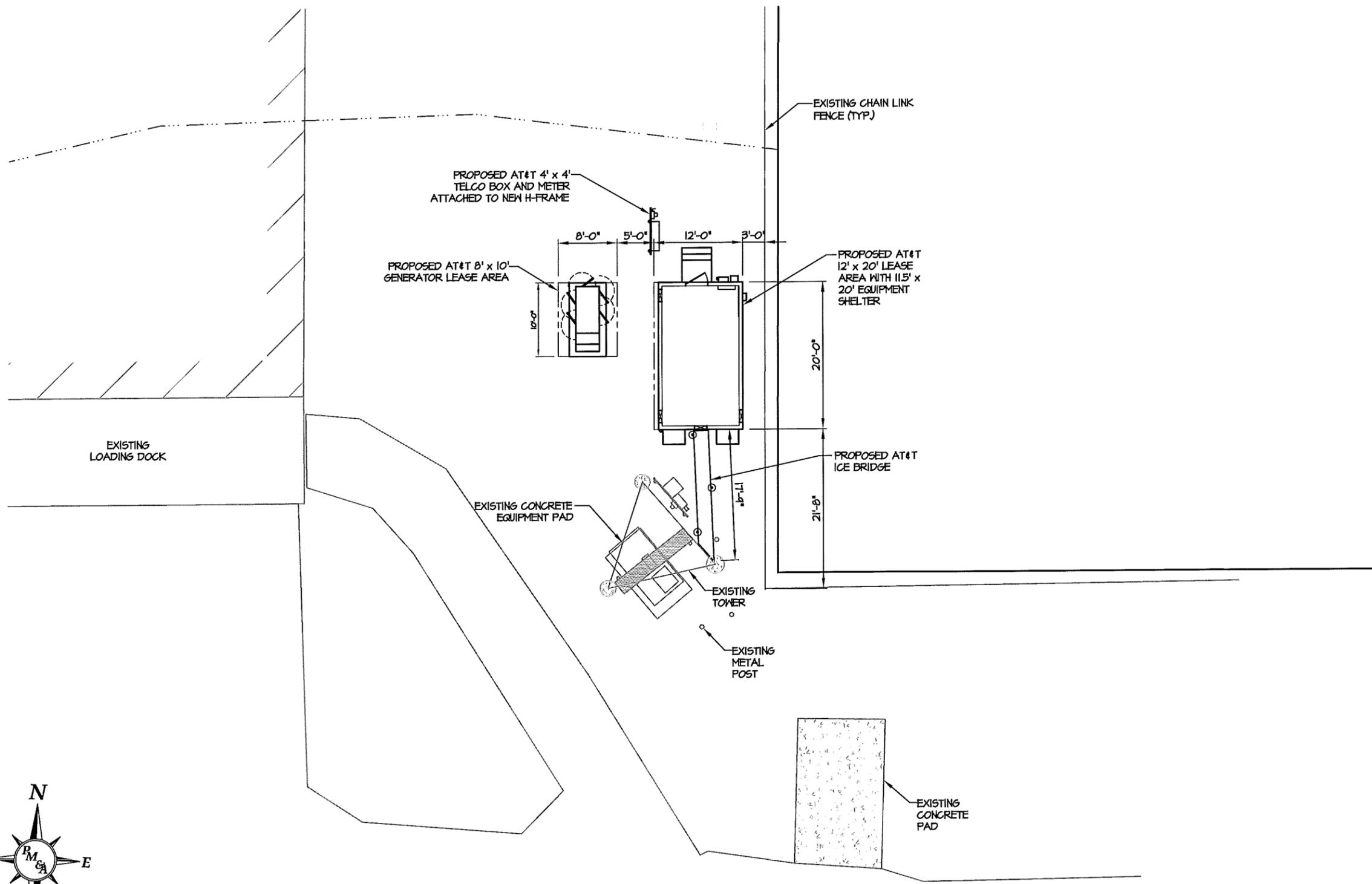


| NUM | DATE | DESCRIPTION: |
|-----|---------|--------------------------------------|
| A | 8/21/11 | ISSUED FOR REVIEW |
| B | 9/6/11 | ISSUED FOR REVIEW |
| 0 | 9/13/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| 1 | | |
| 2 | | |

410-432
DETAILED SITE PLAN

DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM
 JOB #: GNG825

C-2.1

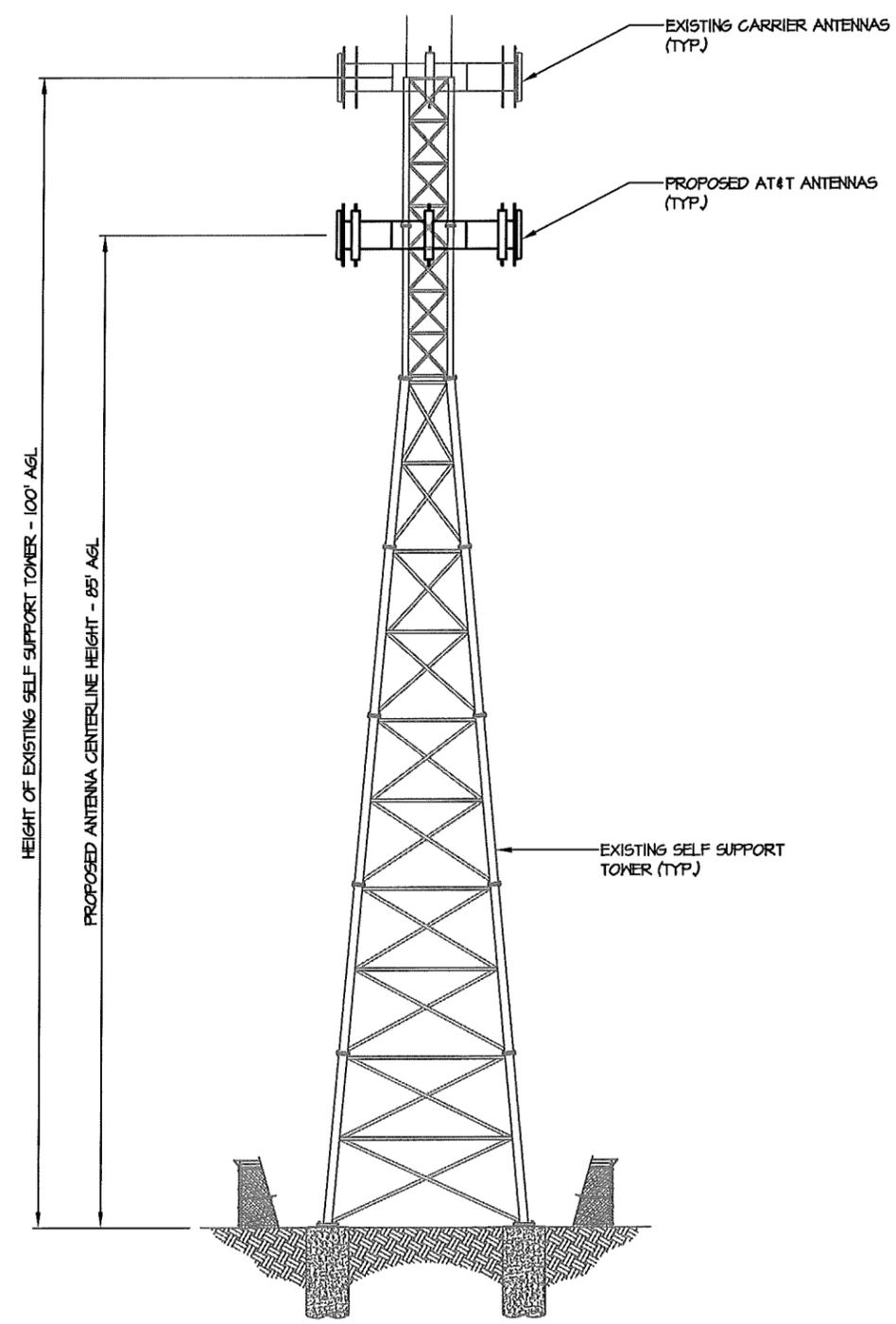


DETAILED SITE PLAN
 SCALE: 1" = 10'-0"

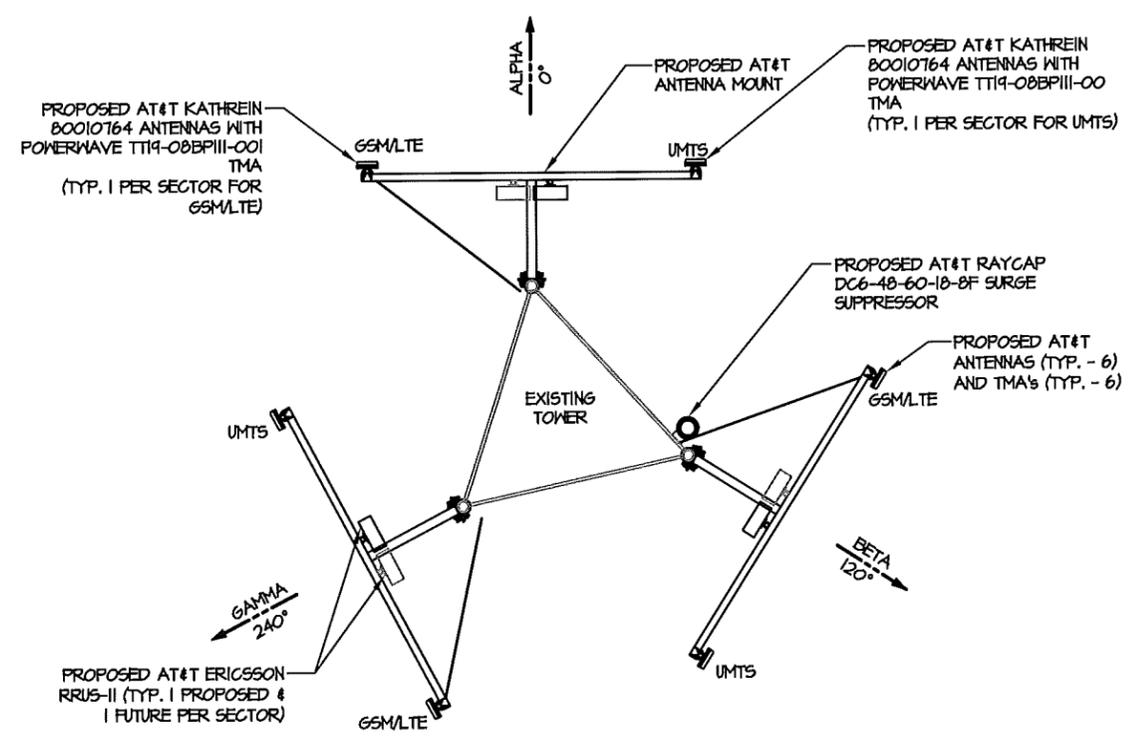




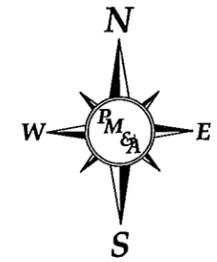
REFER TO THE RFDS ON SHEET E-5: GA_410-432_HHI_BIC_26_A_PALMETTO_ELECTRIC_CCO_2413000654_10153570_083111_01



TOWER ELEVATION
 SCALE: NOT TO SCALE



ANTENNA ORIENTATION DETAIL
 NTS



| NUM | DATE | DESCRIPTION: |
|-----|---------|--------------------------------------|
| A | 8/21/11 | ISSUED FOR REVIEW |
| B | 9/6/11 | ISSUED FOR REVIEW |
| O | 9/13/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| 1 | | |
| 2 | | |

410-432

TOWER ELEVATION AND DETAILS

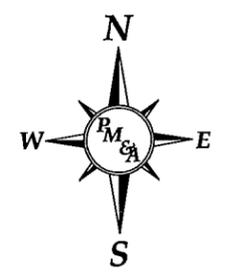
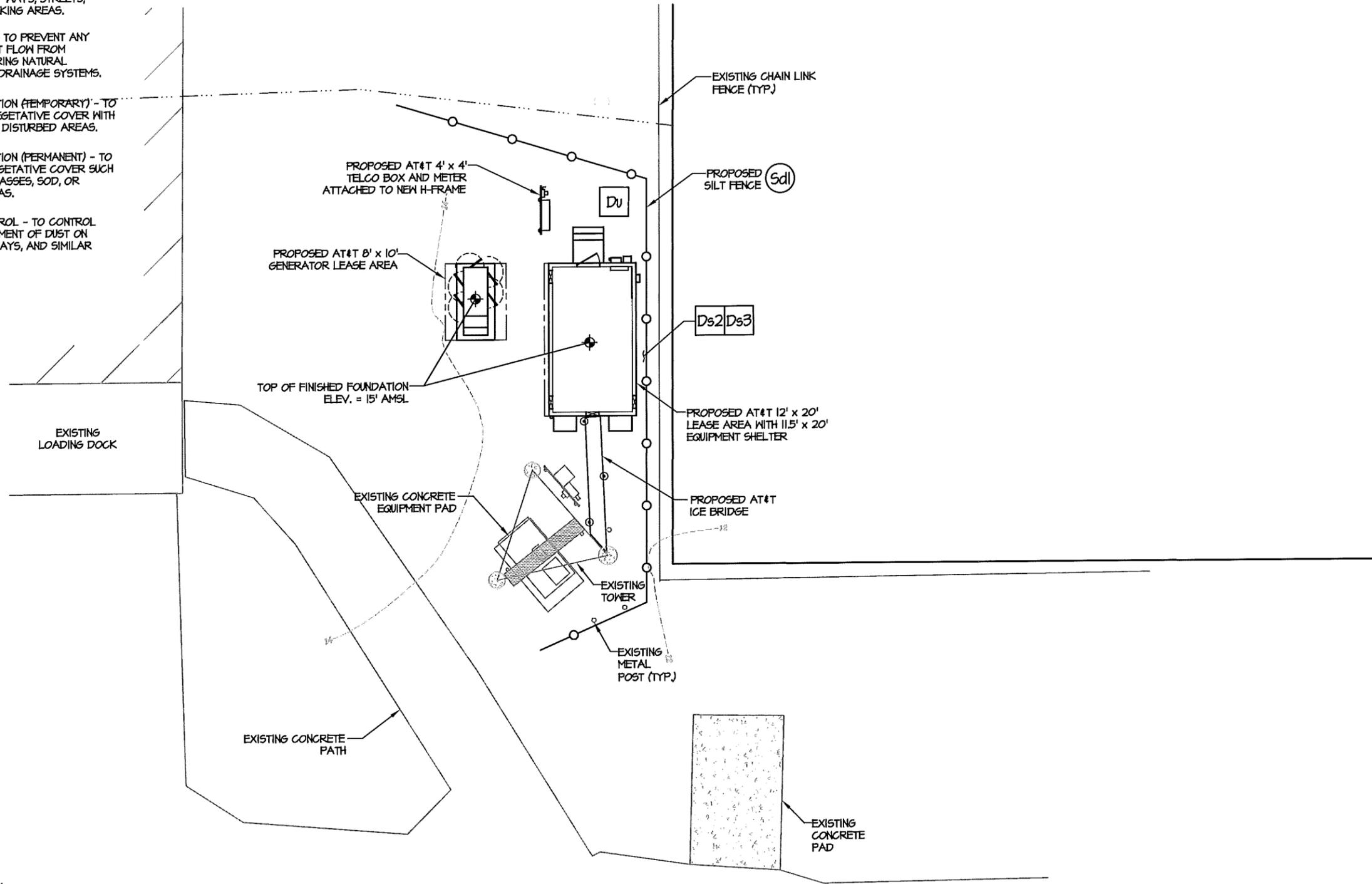


DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM
 JOB #: GNG825

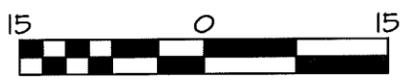
C-3



- Co** CONSTRUCTION EXIT - TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
- Sdl** TYPE C SEDIMENT BARRIER - TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE AND ENTERING NATURAL DRAINAGE WAYS OR STORM DRAINAGE SYSTEMS.
- Ds2** DISTURBED AREA STABILIZATION (TEMPORARY) - TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS ON DISTURBED AREAS.
- Ds3** DISTURBED AREA STABILIZATION (PERMANENT) - TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS.
- Du** DISTURBED AREA DUST CONTROL - TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.



GRAPHIC SCALES



SCALE: 1" = 15'-0"

EROSION CONTROL PLAN
 SCALE: 1" = 15'-0"

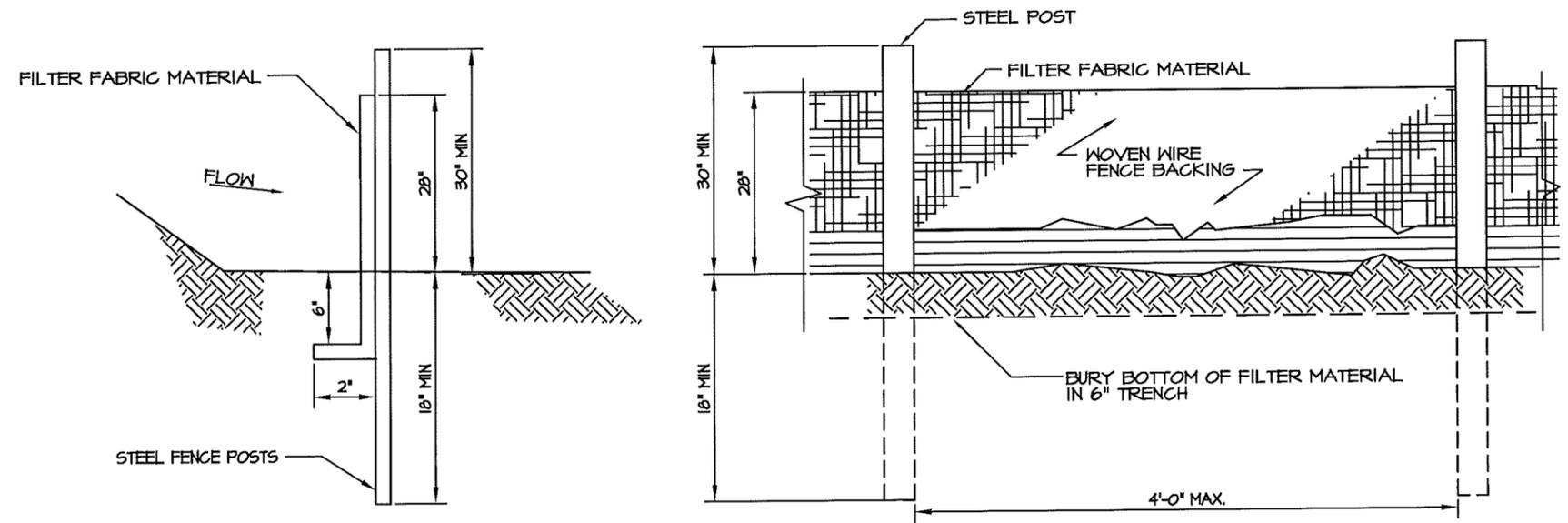
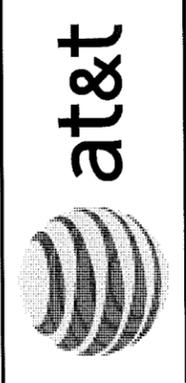
| NUM | DATE | DESCRIPTION |
|-----|---------|--------------------------------------|
| A | 8/31/11 | ISSUED FOR REVIEW |
| B | 9/16/11 | ISSUED FOR REVIEW |
| 0 | 9/13/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| 1 | | |
| 2 | | |

410-432
GRADING, SEDIMENT & EROSION CONTROL PLAN

DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM
 JOB #: GNG825

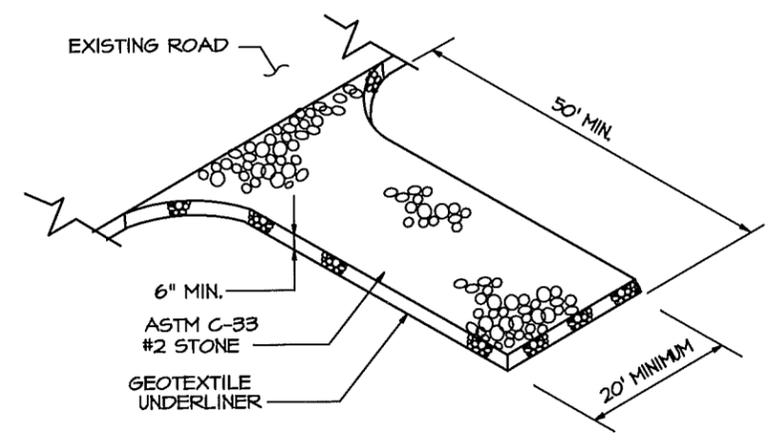
C-4





NOTE: USE 36" DOT APPROVED FABRIC
 USE STEEL POSTS

Sdl-C SILT FENCE, TYPE-C



Co CONSTRUCTION EXIT

| NUM | DATE | DESCRIPTION: |
|-----|---------|--------------------------------------|
| A | 8/21/11 | ISSUED FOR REVIEW |
| B | 9/16/11 | ISSUED FOR REVIEW |
| O | 9/13/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| 1 | | |
| 2 | | |

410-432

GRADING, SEDIMENT & EROSION CONTROL DETAILS



DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM
 JOB #: GNG825

C-5



PIEDMONT VEGETATIVE COVERS

| CALENDAR MONTH | TEMPORARY SEED | APPLICATION RATE/ACRE | PERMANENT SEED | APPLICATION RATE/ACRE |
|----------------|---|---|--|------------------------------------|
| 1. JANUARY | RYE GRASS | 40-50 LB. | UNHULLED BERMUDA SERICEA LESPEDEZA ² | 8-10 LB. 30-40 LB. ¹ |
| 2. FEBRUARY | | | UNHULLED BERMUDA SERICEA LESPEDEZA ² FESCUE | 8-10 LB. 30-40 LB. 30-50 LB. |
| 3. MARCH | RYE ANNUAL LESPEDEZA WEEPING LOVE GRASS | 2-3 BU. 20-25 LB. 4-6 LB. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10 LB. 30-40 LB. 30-50 LB. |
| 4. APRIL | RYE BROWN TOP MILLET ANNUAL LESPEDEZA SUDAN ANNUAL | 2-3 BU. 30-40 LB. 20-25 LB. 35 LB. | WEEPING LOVE GRASS HULLED BERMUDA BAHIA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 5. MAY | WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MILLET | 4-6 LB. 35 LB. 30-40 LB. | WEEPING LOVE GRASS HULLED BERMUDA BAHIA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 6. JUNE | WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MILLET | 4-6 LB. 35 LB. 30-40 LB. | WEEPING LOVE GRASS HULLED BERMUDA BAHIA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 7. JULY | WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MILLET | 4-6 LB. 35 LB. 30-40 LB. | | |
| 8. AUGUST | RYE GRASS WEEPING LOVE GRASS | 40-50 LB. 4-6 LB. | | |
| 9. SEPTEMBER | | | TALL FESCUE | 30-50 LB. |
| 10. OCTOBER | WHEAT | 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA ² FESCUE | 8-10 LB. 30-40 LB. 30-50 LB. |
| 11. NOVEMBER | WHEAT | 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10 LB. 30-40 LB. 30-50 LB. |
| 12. DECEMBER | RYE RYE GRASS WHEAT | 2-3 BU. 40-50 LB. 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10 LB. 30-40 LB. 30-50 LB. |

¹ USE A MINIMUM OF 40 LBS. SCARIFIED SEED. THE REMAINDER MAY BE UNSCARIFIED, CLEAN HULLED SEED.
² USE EITHER COMMON SERALA OR INTERSTATE SERICEA LESPEDEZA.

Ds2 DISTURBED AREA STABILIZATION
(WITH TEMPORARY SEEDING)

Ds3 DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGETATION)

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON ROAD CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS

DUE TO GRADING AND CONSTRUCTION, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATES. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIAL ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

HYDRAULIC SEEDING EQUIPMENT: WHEN HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS USED, NO GRADING AND SHAPING OR SEEDBED PREPARATION WILL BE REQUIRED. THE FERTILIZER, SEED AND WOOD CELLULOSE FIBER MULCH WILL BE MIXED WITH WATER AND APPLIED IN A SLURRY. ALL SLURRY INGREDIENTS MUST BE COMBINED TO FORM A HOMOGENOUS MIXTURE, AND SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER MIXTURE IS MADE. STRAW OR HAY MULCH AND ASPHALT EMULSION WILL BE APPLIED WITH BLOWER-TYPE MULCH SPREADING EQUIPMENT WITHIN 24 HOURS AFTER SEEDING. THE MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:

- A. SEEDING WITH MULCH: (HYDRAULIC SEEDING EQUIPMENT ON SLOPES 3:1 AND STEEPER)
- | | |
|--|----------------|
| AGRICULTURAL LIMESTONE #15 FERTILIZER, 5-10-15 | 4000 LBS./ACRE |
| MULCH (STRAW OR HAY) OR WOOD CELLULOSE FIBER MULCH | 1500 LBS./ACRE |
| | 5000 LBS./ACRE |
| | 1000 LBS./ACRE |

| SEED SPECIES | APPLICATION RATE/ACRE | PLANTING DATES |
|--|-------------------------------|----------------|
| SERICEA LESPEDEZA, SCARIFIED WEEPING LOVE GRASS, OR COMMON BERMUDA, HULLED | 60 LBS. 4 LBS. 6 LBS. | 3/1 - 6/15 |
| FESCUE SERICEA LESPEDEZA, UNSCARIFIED | 40 LBS. 60 LBS. | 9/1 - 10/31 |
| FESCUE SERICEA LESPEDEZA, UNSCARIFIED RYE | 40 LBS. 75 LBS. 50 LBS. | 11/1 - 2/28 |
| HAY MULCH FOR TEMPORARY COVER | 5000 LBS. | 6/15 - 8/31 |

- B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL
FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS./ACRE
- C. SECOND-YEAR TREATMENT:
FERTILIZER (0-20-20 OR EQUIVALENT) 500 LBS./ACRE

Ds2 DISTURBED AREA STABILIZATION
(WITH TEMPORARY SEEDING)

Ds3 DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGETATION)

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON ROAD CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS

DUE TO GRADING AND CONSTRUCTION, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATES. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIAL ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

CONVENTIONAL SEEDING EQUIPMENT: GRADE, SHAPE, AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED, AND FIRMED. SEEDING WILL BE DONE WITH A CULTIPACKER-SEEDER, DRILL, ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESHLY PREPARED SEEDBED AND COVERED LIGHTLY. WITHIN 24 HOURS AFTER SEEDING, STRAW OR HAY MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AFTER IT IS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:

- A. SEEDING WITH MULCH: (CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1)

| | |
|--|----------------|
| AGRICULTURAL LIMESTONE #15 FERTILIZER, 5-10-15 | 4000 LBS./ACRE |
| MULCH (STRAW OR HAY) | 1500 LBS./ACRE |
| | 5000 LBS./ACRE |

| SEED SPECIES | APPLICATION RATE/ACRE | PLANTING DATES |
|-------------------------------|-----------------------|----------------|
| HULLED COMMON BERMUDA GRASS | 10 LBS. | 3/1 - 6/15 |
| FESCUE | 50 LBS. | 9/1 - 10/31 |
| FESCUE RYE GRASS | 50 LBS. 50 LBS. | 11/1 - 2/28 |
| HAY MULCH FOR TEMPORARY COVER | 5000 LBS. | 6/15 - 8/31 |

- B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL
FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS./ACRE
- C. SECOND-YEAR TREATMENT:
FERTILIZER (5-10-15 OR EQUIVALENT) 800 LBS./ACRE

| DESCRIPTION: | DATE | NUM |
|--------------------------------------|---------|-------|
| ISSUED FOR REVIEW | 8/29/11 | A |
| ISSUED FOR REVIEW | 9/6/11 | B |
| ISSUED FOR PERMITTING & CONSTRUCTION | 9/13/11 | O - 2 |

410-432
GRADING, SEDIMENT & EROSION CONTROL VEGETATION SPECS



DESIGNED: JTG
DRAWN: JTG
CHECKED: PWM
JOB #: GNG825

C-6



| | | | |
|--------------|-------------------|-------------------|--------------------------------------|
| DESCRIPTION: | ISSUED FOR REVIEW | ISSUED FOR REVIEW | ISSUED FOR PERMITTING & CONSTRUCTION |
| DATE | 8/8/11 | 9/6/11 | 9/15/11 |
| NUM | A | B | 0 - 1 - 2 |

| | | | |
|------|--------|--------|-----------|
| DATE | 8/8/11 | 9/6/11 | 9/15/11 |
| NUM | A | B | 0 - 1 - 2 |

410-432
**EQUIPMENT FOUNDATION
 DETAILS & NOTES**

DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM

JOB #: GN6825
C-7

REINFORCED CONCRETE:

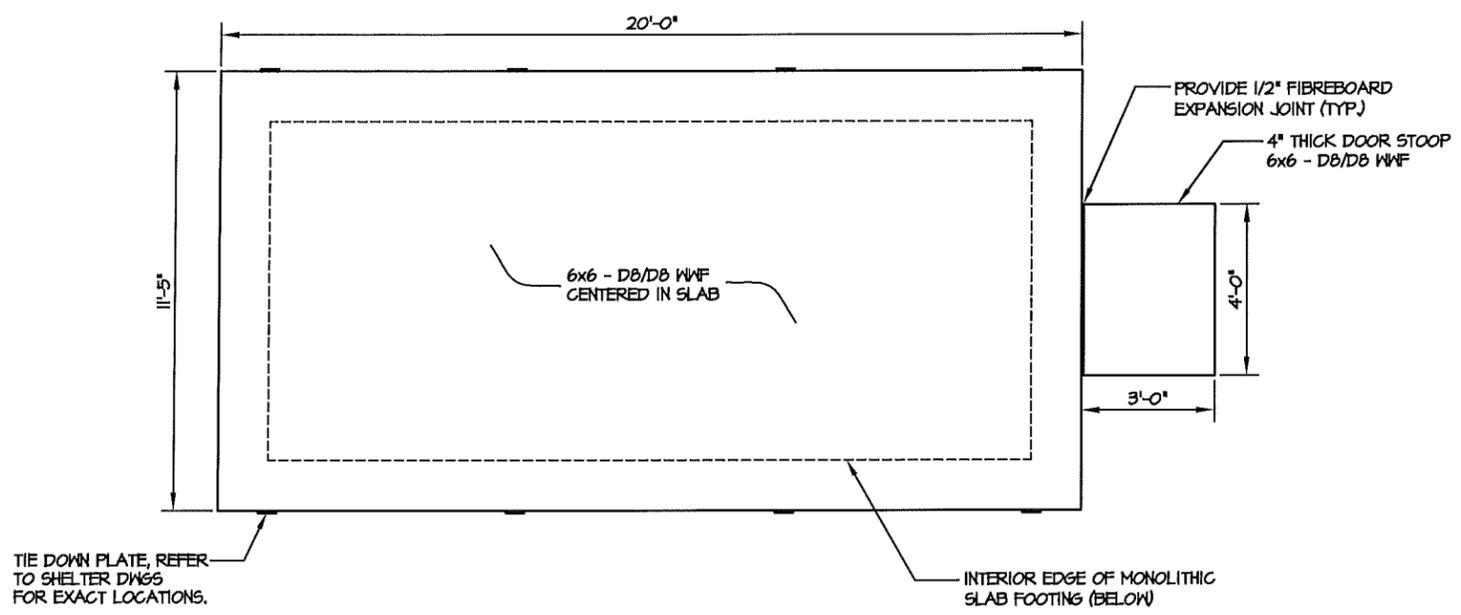
1. CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS; CONCRETE CYLINDER TESTS ARE REQUIRED FOR 7, 14, AND 28 DAY STRENGTHS, AND SHALL BE CONDUCTED BY A QUALIFIED, LICENSED, AND INSURED TESTING COMPANY.

CLASSES OF CONCRETE

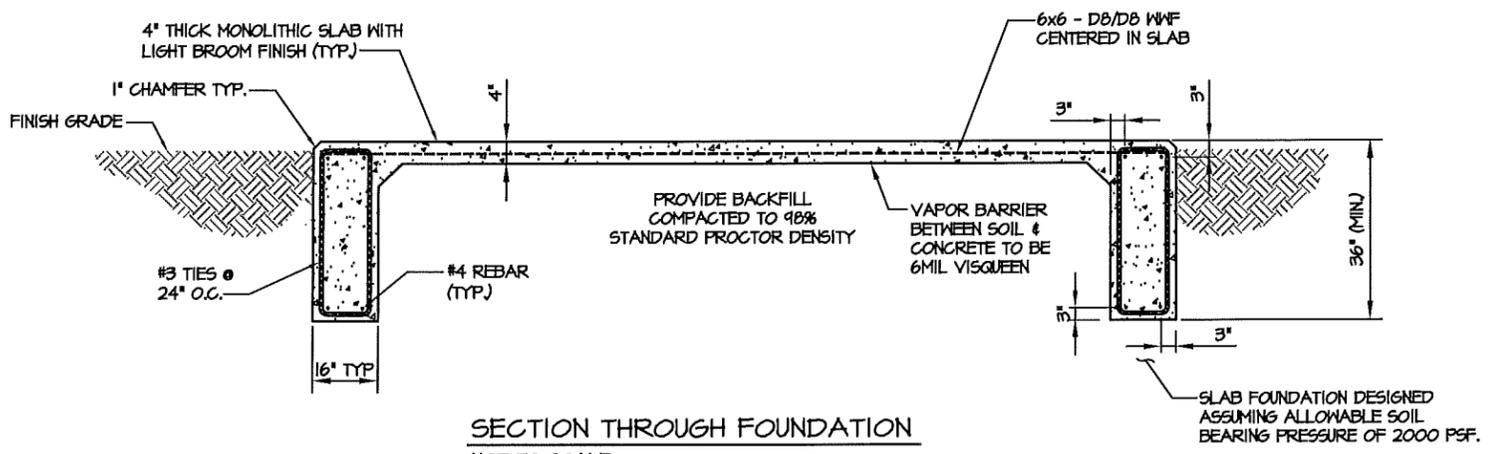
| CLASS/ STRENGTH | 7 DAY MIN. STRENGTH (PSI) | 14 DAY MIN. STRENGTH (PSI) | 28 DAY MIN. STRENGTH (PSI) | NOTES |
|--------------------|---------------------------------|----------------------------------|----------------------------------|------------|
| TYPE I - 3000 PSI | 2110 | 2645 | 3000 | NORMAL WT. |
| TYPE I - 4000 PSI | 2815 | 3525 | 4000 | NORMAL WT. |
| TYPE I - 5000 PSI | 3520 | 4405 | 5000 | NORMAL WT. |

ALL CONCRETE USED SHALL BE 3,000 PSI MIN. OR EQUAL TO THE STRENGTH OF CONCRETE USED IN THE TOWER FOUNDATION, WHICHEVER IS GREATER.

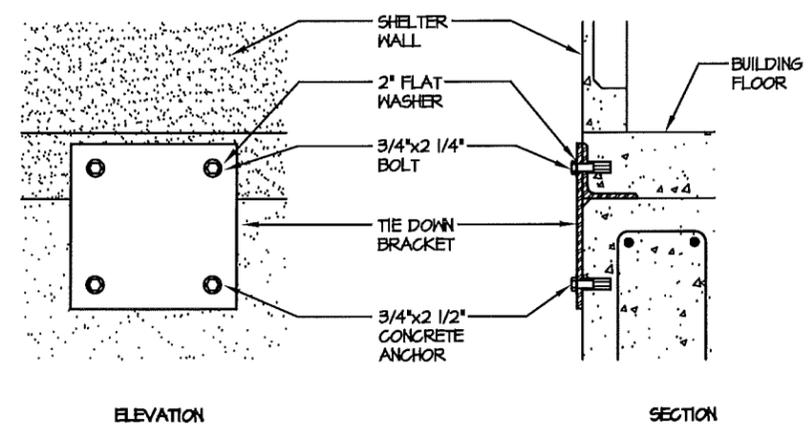
- MAXIMUM COARSE AGGREGATE SIZE SHALL BE 3/4" REINFORCEMENT SHALL BE NEW BILLET STEEL DEFORMED BARS CONFORMING TO ASTM SPECIFICATION A615 GRADE 60. MINIMUM REBAR SPLICES SHALL BE 40 DIAMETERS.
- REINFORCEMENT SHALL COMPLY WITH THE LATEST EDITION OF ASCE AND ACI-318 FOR MINIMUM CLEARANCES.
- ALL EMBEDDED ITEMS SHALL BE SECURELY HELD IN POSITION PRIOR TO PLACEMENT OF CONCRETE. ALL CONCRETE SHALL BE READY-MIXED IN ACCORDANCE WITH ASTM C94.
- MAINTAIN TEMPERATURE OF CAST IN PLACE CONCRETE BETWEEN 50 DEGREES AND 90 DEGREES FAHRENHEIT.
- DO NOT USE RETEMPERED CONCRETE, OR ADD WATER TO READY-MIX CONCRETE AT THE JOB SITE.
- DO NOT USE WELDED WIRE FABRIC IN THE MONOLITHIC SLAB.
- NO SPLICES OF REINFORCEMENT PERMITTED EXCEPT AS DETAILED OR AUTHORIZED. MAKE BARS CONTINUOUS AROUND CORNERS. WHERE PERMITTED, SPLICES MADE BY CONTRACT LAPS SHALL BE CLASS "B" TENSION LAPS UNLESS NOTED OTHERWISE.
- DETAIL BARS IN ACCORDANCE WITH "ACI DETAILING MANUAL - 1985, PUBLICATION SP-66 AND " BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", ACI 318 LATEST EDITION.
- PROVIDE ACCESSORIES NECESSARY TO PROPERLY SUPPORT



BUILDING FOUNDATION PLAN VIEW
 NOT TO SCALE

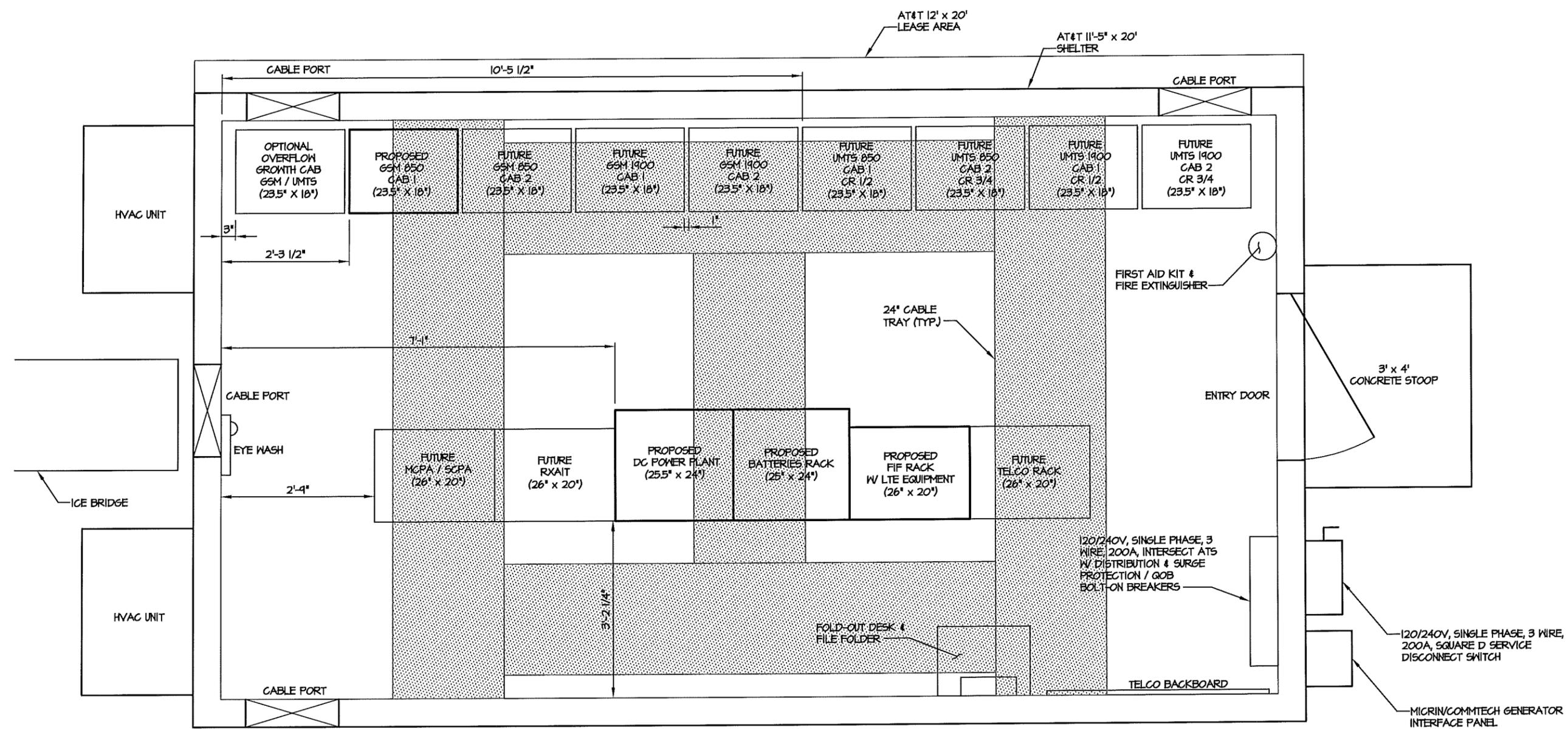


SECTION THROUGH FOUNDATION
 NOT TO SCALE



SHELTER ATTACHMENT DETAIL
 NOT TO SCALE





| NUM | DATE | DESCRIPTION: |
|-----|---------|--------------------------------------|
| A | 8/31/11 | ISSUED FOR REVIEW |
| B | 9/6/11 | ISSUED FOR REVIEW |
| 0 | 9/13/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| 1 | | |
| 2 | | |

410-432

EQUIPMENT LAYOUT

* SEE BUILDING MANUFACTURER'S DRAWINGS FOR ADDITIONAL DETAILS.

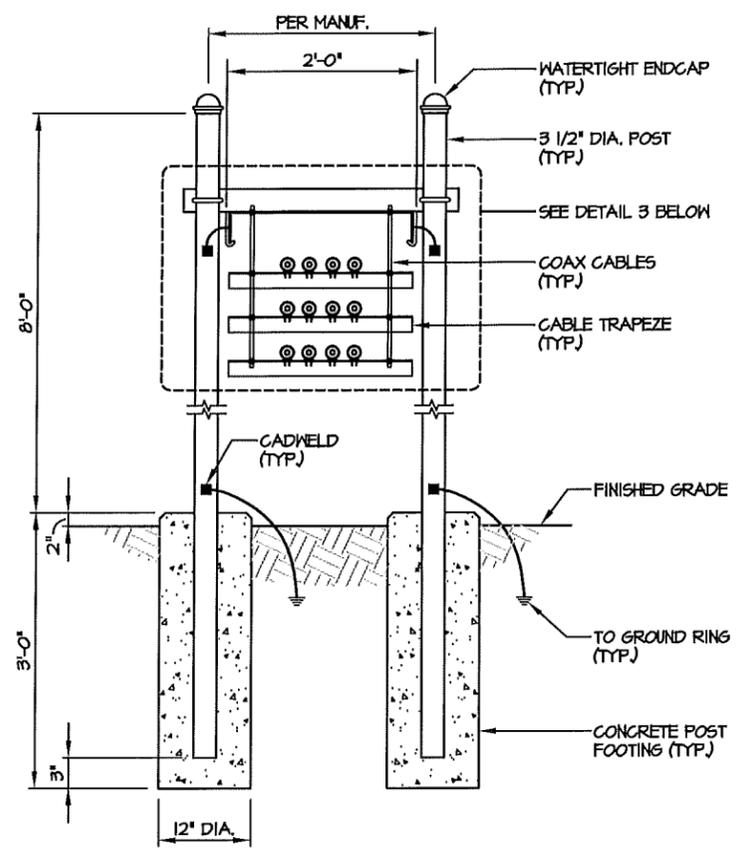
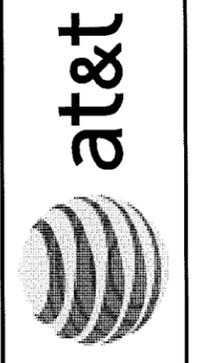
EQUIPMENT LAYOUT
 SCALE: 1" = 2'-0"



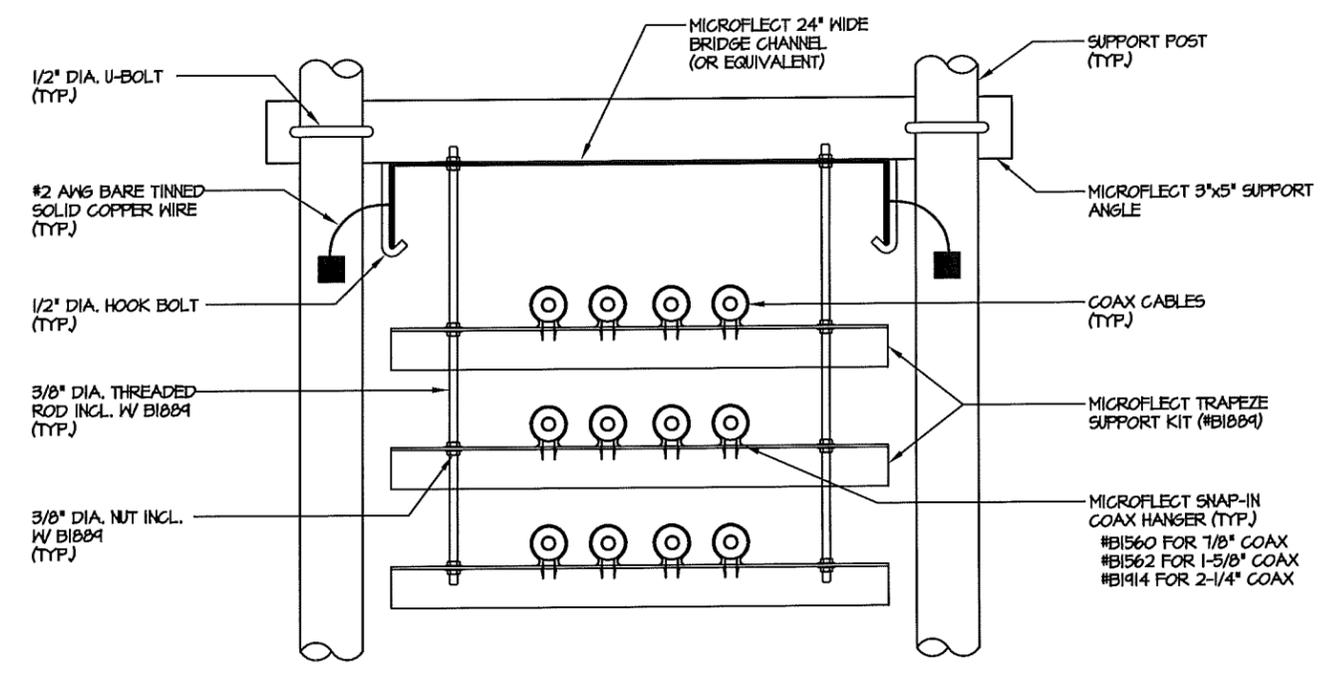
DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM

JOB #: GNG825

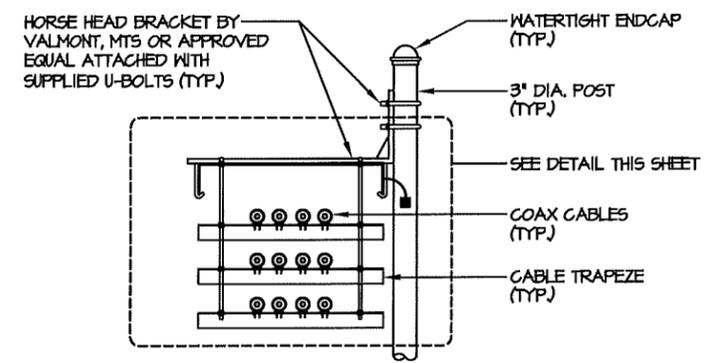
C-8



ICE BRIDGE SECTION
 NOT TO SCALE



COAX CABLE TRAPEZE DETAIL
 NOT TO SCALE



ICE BRIDGE SECTION (ALTERNATE HORSE HEAD)
 NOT TO SCALE

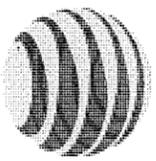
| NUM | DATE | DESCRIPTION: |
|-----|---------|--------------------------------------|
| A | 8/2/11 | ISSUED FOR REVIEW |
| B | 9/6/11 | ISSUED FOR REVIEW |
| 0 | 9/13/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| 1 | | |
| 2 | | |

410-432
COAX ICE BRIDGE DETAILS



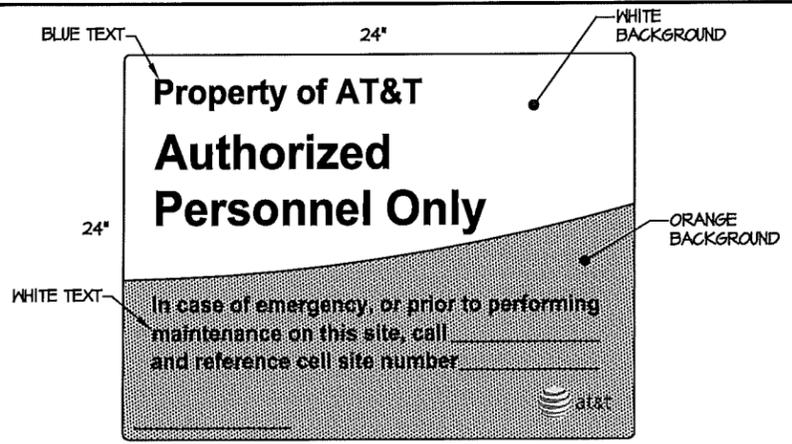
DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM

JOB #: GNG825
C-9



SIGNAGE NOTES:

- SIGNS SHALL BE FABRICATED FROM CORROSION RESISTANT PRESSED METAL & PAINTED WITH LONG LASTING UV RESISTANT COATINGS.
- SIGNS (EXCEPT WHERE NOTED OTHERWISE) SHALL BE MOUNTED TO THE TOWER, GATE & FENCE USING A MINIMUM OF 9 GAUGE ALUMINUM WIRE, HOG RINGS (FENCE) OR BRACKETS, WHERE NECESSARY, BRACKETS SHALL BE OF SIMILAR METAL AS THE STRUCTURE TO AVOID GALVANIC CORROSION.
- ADDITIONAL E911 ADDRESS & FCC REGISTRATION SIGNS SHALL BE MOUNTED AT EACH ACCESS ROAD GATE LEADING TO THE COMPOUND AS WELL AS ON THE COMPOUND GATE ITSELF.
- AT&T SITE # & EMERGENCY CONTACT SIGNS SHALL BE MOUNTED ON THE EQUIPMENT CABINET WITH PERMANENT SET ADHESIVE. TWO SIDED TAPE SHALL BE UTILIZED AT EACH CORNER ON THE BACKSIDE TO AID PLACEMENT UNTIL THE ADHESIVE SETS.



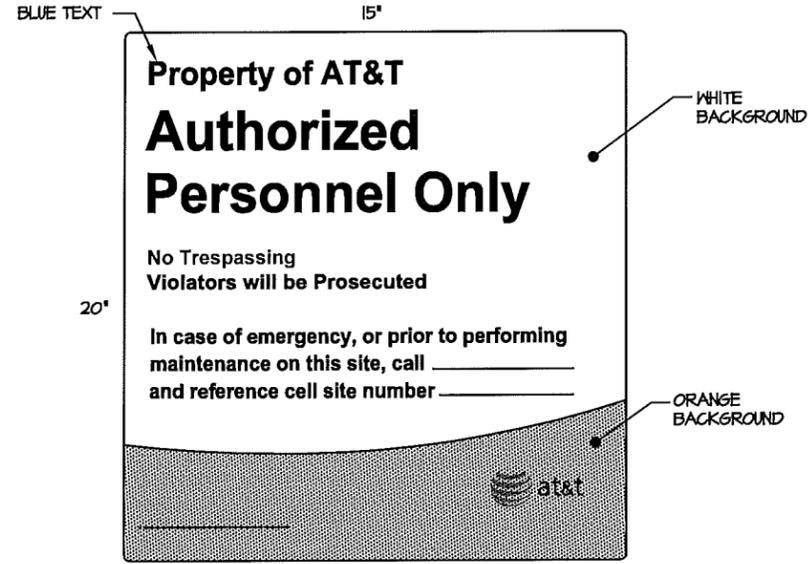
PROPERTY OF AT&T
WHITE/ORANGE BACKGROUND,
BLUE/WHITE LETTERING
MOUNTING LOCATION: ALL 4 SIDES OF FENCE
(IF AT&T OWNED SITE)
QUANTITY: 4



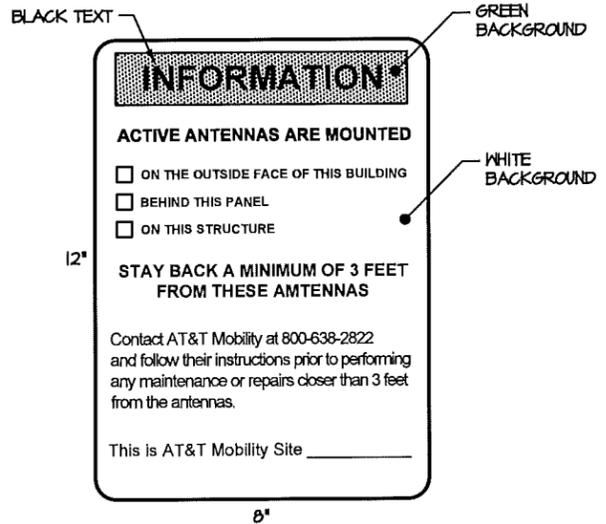
AUTHORIZED PERSONNEL SIGN
WHITE/BLUE BACKGROUND, WHITE/BLACK LETTERING
MOUNTING LOCATION: SHELTER DOOR & CABINET DOORS
QUANTITY: PER NUMBER OF CABINET DOORS ON SITE



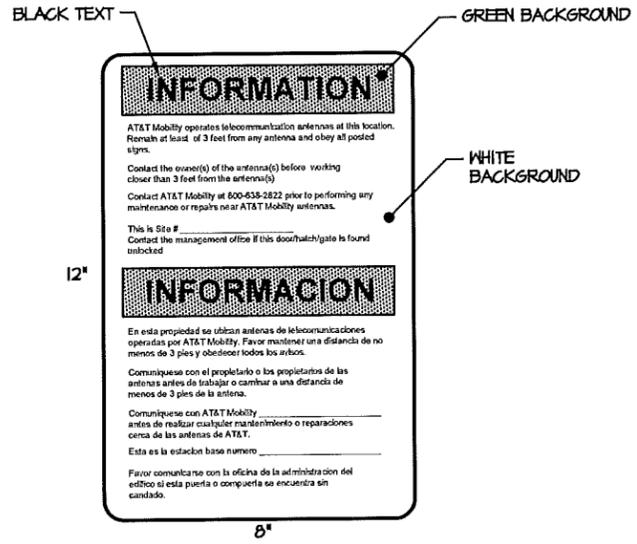
FCC REGISTRATION SIGN
WHITE/GREEN BACKGROUND, WHITE/BLACK LETTERING
MOUNTING LOCATION: GATE & BASE OF TOWER
QUANTITY: 2



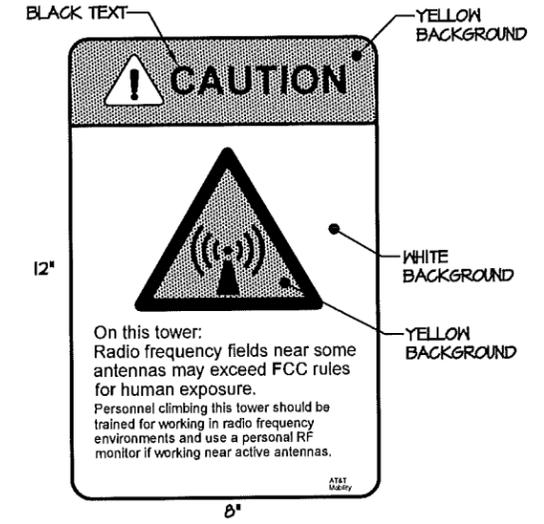
PROPERTY OF AT&T - DOOR
WHITE/ORANGE BACKGROUND,
BLUE/WHITE LETTERING
MOUNTING LOCATION: SHELTER DOOR
QUANTITY: 1



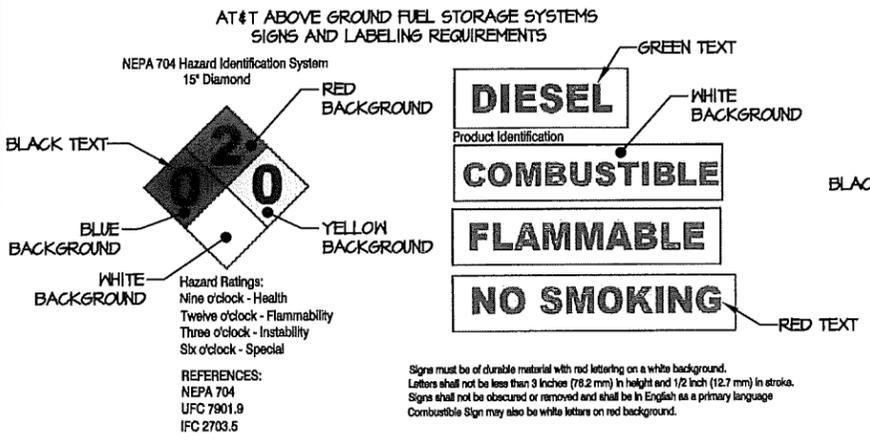
RF EXPOSURE INFORMATION SIGN
WHITE/GREEN BACKGROUND, BLACK LETTERING
MOUNTING LOCATION: GATE & BASE OF TOWER
QUANTITY: 2



RF EXPOSURE INFORMATION SIGN
WHITE/GREEN BACKGROUND, BLACK LETTERING
MOUNTING LOCATION: GATE & BASE OF TOWER
QUANTITY: 2



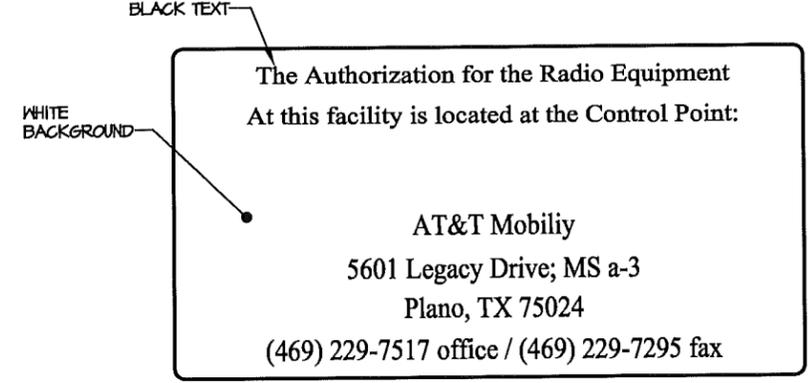
RF EXPOSURE CAUTION SIGN
WHITE/YELLOW BACKGROUND, BLACK LETTERING
MOUNTING LOCATION: BASE OF TOWER
QUANTITY: 1



HAZARDOUS MATERIALS
MOUNTING LOCATION: FUEL STORAGE TANK / GENERATOR
QUANTITY: 1



DANGER NO TRESPASSING SIGN
WHITE/BLACK BACKGROUND, BLACK/WHITE LETTERING
MOUNTING LOCATION: ALL 4 SIDES OF FENCE
(IF AT&T OWNED SITE)
MOUNTING LOCATION: GATE
(IF OWNED BY OTHERS)
QUANTITY: 1



AUTHORIZATION FOR RADIO EQUIPMENT SIGN
WHITE BACKGROUND, BLACK LETTERING
MOUNTING LOCATION: SHELTER DOOR
QUANTITY: 1



| NUM | DATE | DESCRIPTION: |
|-----|---------|--------------------------------------|
| A | 03/11 | ISSUED FOR REVIEW |
| B | 4/6/11 | ISSUED FOR REVIEW |
| O | 4/13/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| - | | |
| 2 | | |

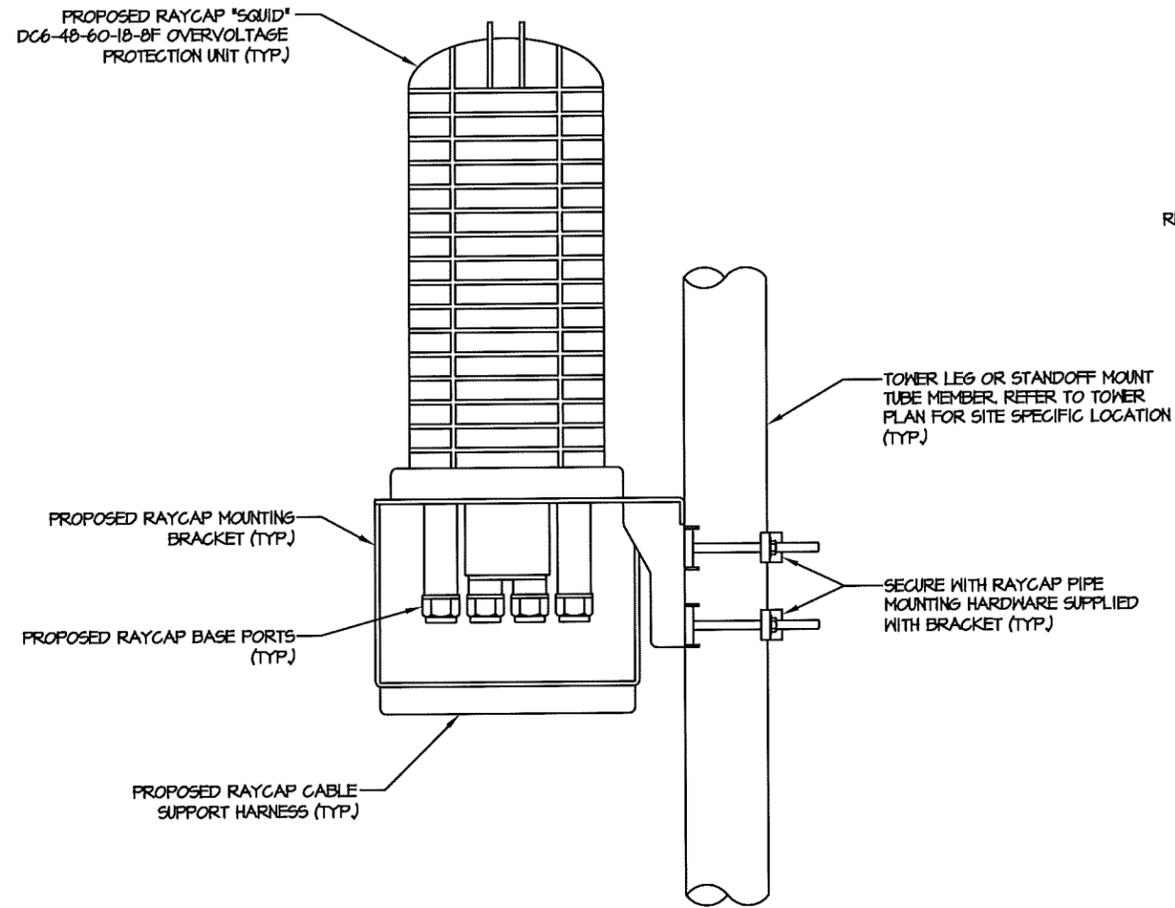
410-432

SITE SIGNAGE

| | |
|-----------|-----|
| DESIGNED: | JTG |
| DRAWN: | JTG |
| CHECKED: | PWM |

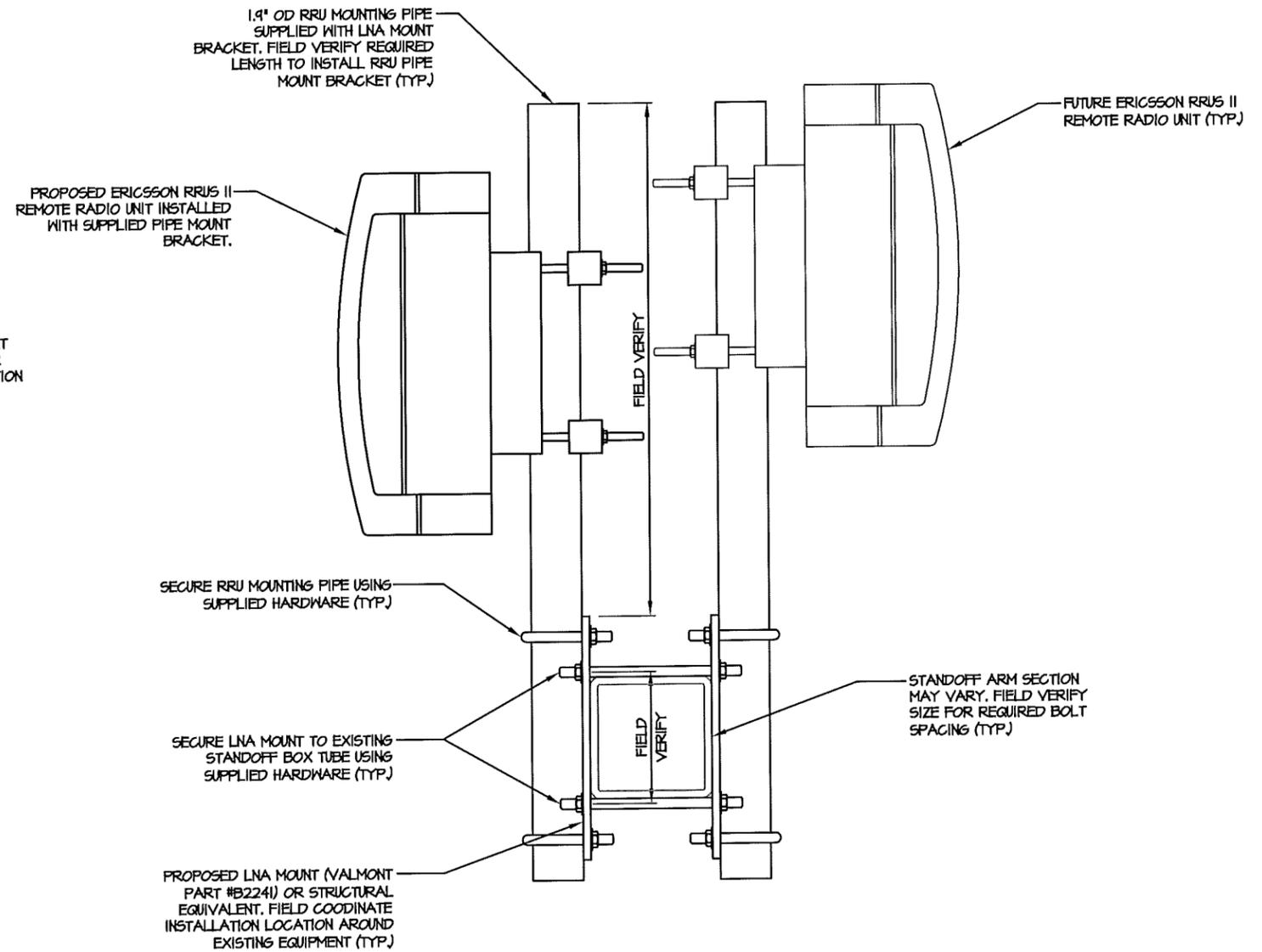
JOB #: GNG825

C-10



ELEVATION VIEW

RAYCAP SQUID MOUNT DETAIL
 NOT TO SCALE



ELEVATION VIEW

RRUS II MOUNT DETAIL
 NOT TO SCALE

| NUM | DATE | DESCRIPTION: |
|-----|---------|--------------------------------------|
| A | 8/31/11 | ISSUED FOR REVIEW |
| B | 9/16/11 | ISSUED FOR REVIEW |
| O | 9/29/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| 1 | | |
| 2 | | |

410-432

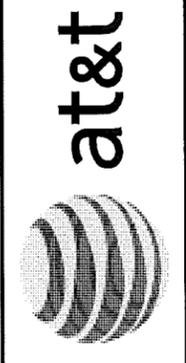
**LTE EQUIPMENT
 DETAILS**



DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM

JOB #: GNG825

C-11

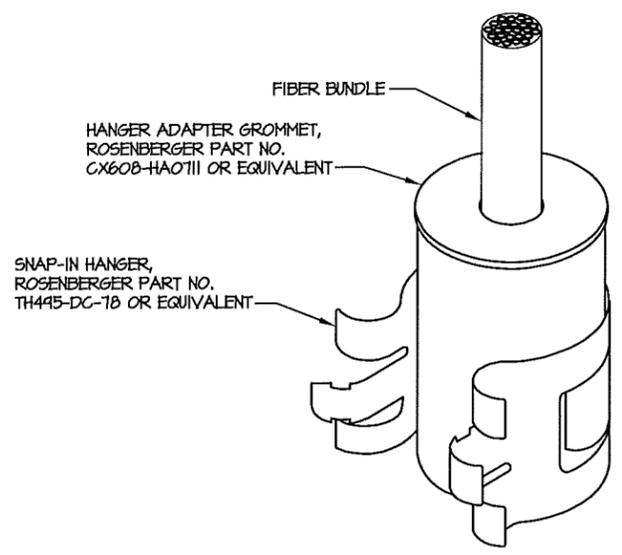


| DESCRIPTION: | DATE | NUM |
|--------------------------------------|---------|-----|
| ISSUED FOR REVIEW | 8/31/11 | A |
| ISSUED FOR REVIEW | 9/6/11 | B |
| ISSUED FOR PERMITTING & CONSTRUCTION | 9/13/11 | O |
| | | 1 |
| | | 2 |

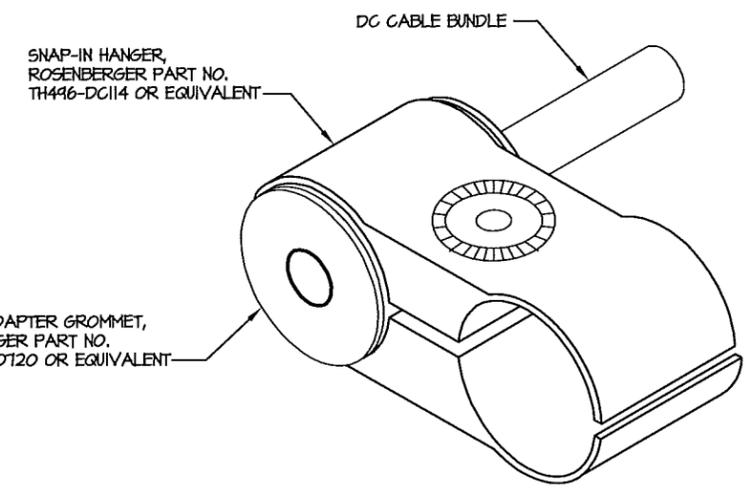
410-432
LTE EQUIPMENT DETAILS

| | |
|-----------|--------|
| DESIGNED: | JTG |
| DRAWN: | JTG |
| CHECKED: | PWM |
| JOB #: | GNG825 |

C-12



SNAP-IN HANGER

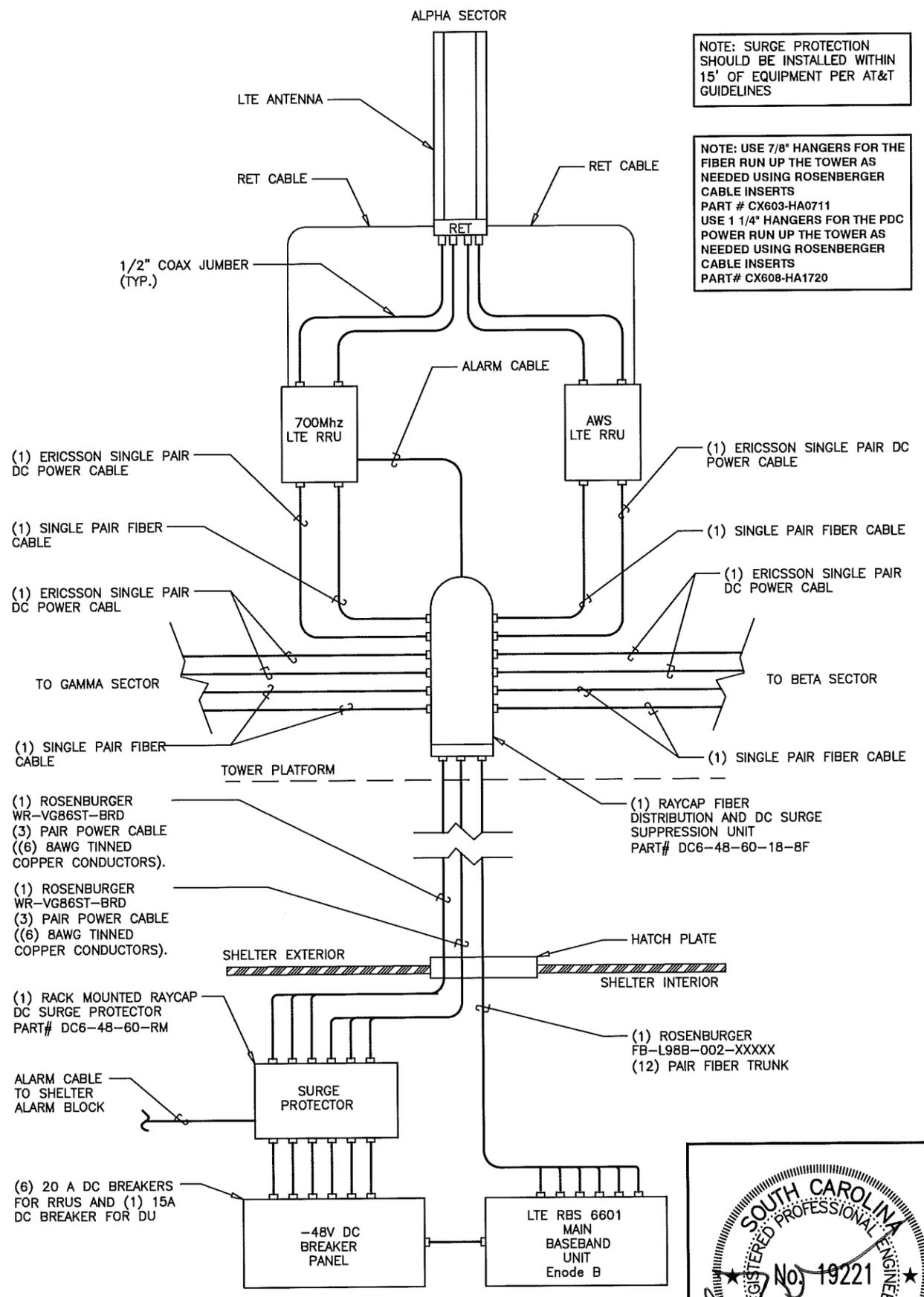


DOUBLE CLAMP

NOTES:

- REFER TO JSA DOCUMENTS FOR EXACT CABLE NUMBER AND MANUFACTURER SPECIFICATIONS FOR PROPER GROMMETS AND HANGERS TO SUPPORT THE FIBER AND DC CABLE BUNDLES.
- REFER TO STRUCTURAL ANALYSIS FOR EXACT CABLE ROUTING AND MOUNTING CONFIGURATION.

HANGER ADAPTER GROMMET DETAILS
 NOT TO SCALE



NOTE: SURGE PROTECTION SHOULD BE INSTALLED WITHIN 15' OF EQUIPMENT PER AT&T GUIDELINES

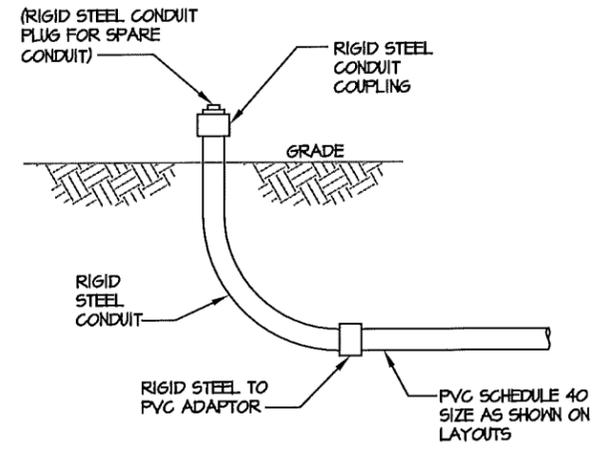
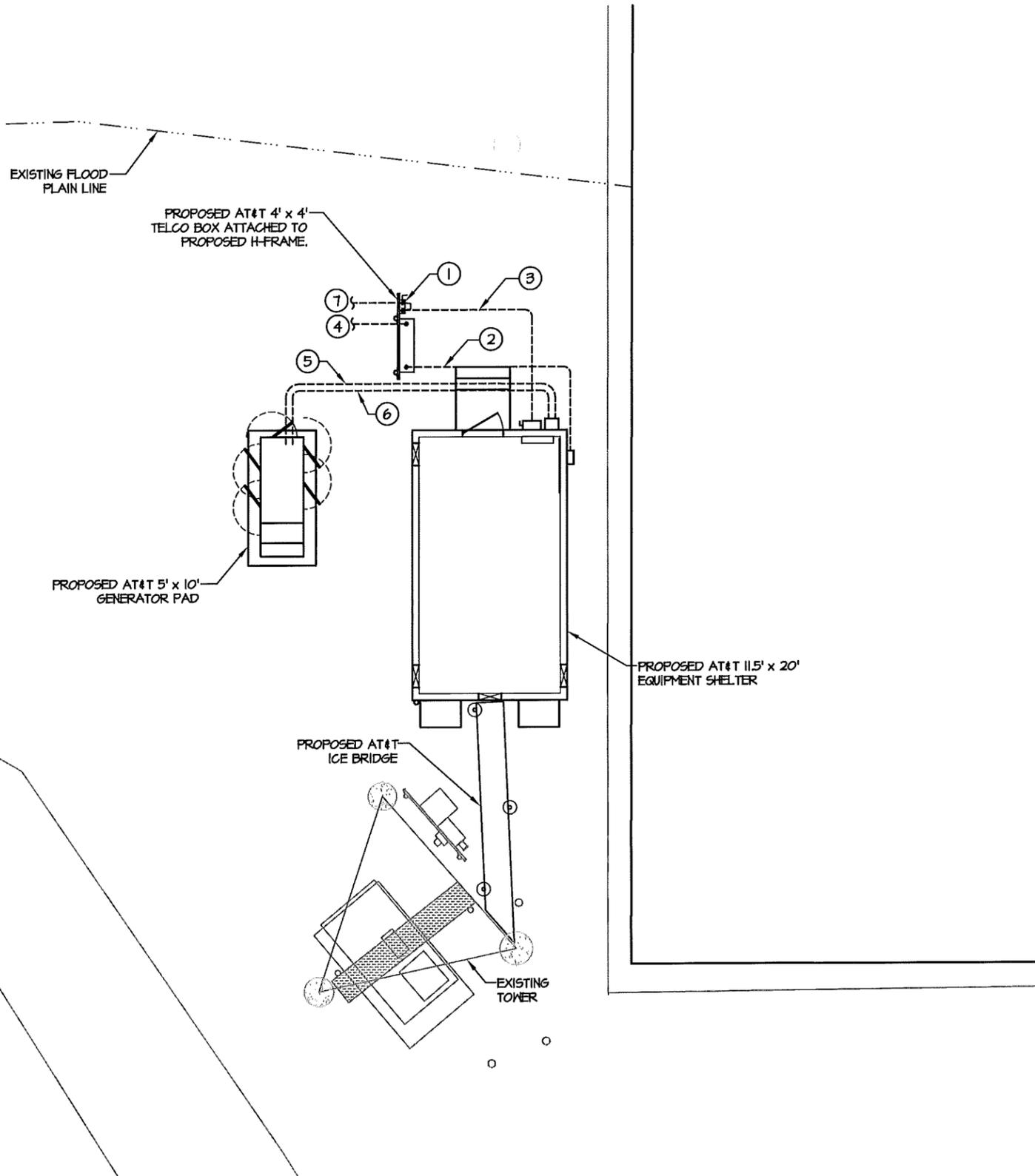
NOTE: USE 7/8\" HANGERS FOR THE FIBER RUN UP THE TOWER AS NEEDED USING ROSENBERGER CABLE INSERTS
 PART # CX603-HA0711
 USE 1 1/4\" HANGERS FOR THE PDC POWER RUN UP THE TOWER AS NEEDED USING ROSENBERGER CABLE INSERTS
 PART# CX608-HA1720



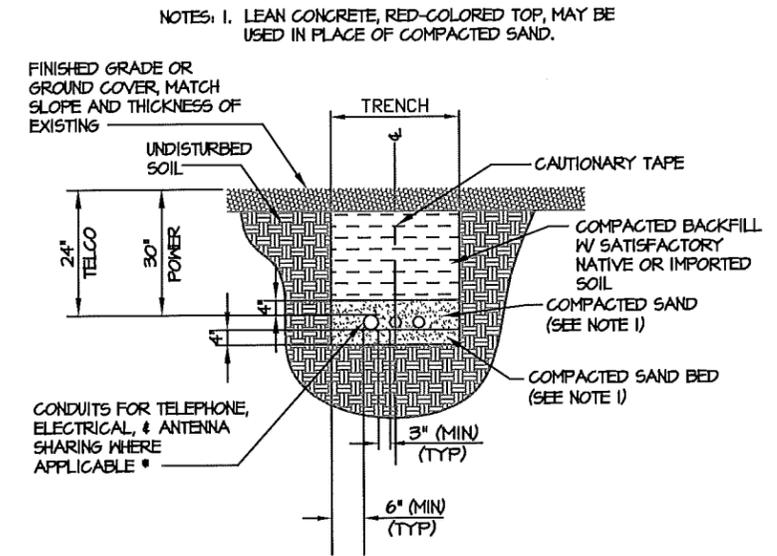
PLUMBING DIAGRAM
 NOT TO SCALE

ELECTRICAL KEY NOTES:

- ① PROPOSED 200A METER & DISCONNECT INSTALLED ON PROPOSED UTILITY FRAME.
- ② PROPOSED (3) 3/0, (1) #4 G IN 3" CONDUIT FROM THE METER TO THE DISCONNECT ON SHELTER.
- ③ PROPOSED 4" CONDUIT WITH (2) FULL STRINGS FROM PROPOSED 48" X 48" TELCO BOX TO THE EQUIPMENT SHELTER.
- ④ PROPOSED 4" CONDUIT WITH (2) FULL STRINGS FROM EXISTING TELCO DEMARC TO THE 48" X 48" TELCO BOX MOUNTED ON NEW H-FRAME.
- ⑤ PROPOSED 2" PVC CONDUIT WITH (3) 3/0 + #4G FOR EMERGENCY POWER AND (2) #12 + #12G FOR BATTERY CHARGER/BLOCK HEATER.
- ⑥ PROPOSED 1" PVC CONDUIT WITH CONDUCTORS PER MANUFACTURER FOR START/STOP CONTROL AND ALARM CABLES.
- ⑦ PROPOSED 4" PVC CONDUIT FOR POWER SERVICE FROM NEW METER ON H-FRAME TO POWER DEMARC LOCATION.

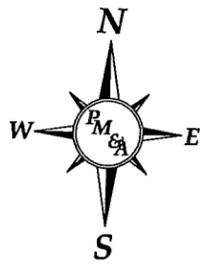


UNDERGROUND CONDUIT STUB-UP
NTS

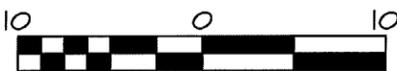


* CONDUIT SIZE, TYPE, QUANTITY AND SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS

DIRECT BURIED CONDUIT
NTS



GRAPHIC SCALE



SCALE: 1" = 10'-0"

ELECTRICAL SITE PLAN
SCALE: 1" = 10'-0"



| NUM | DATE | DESCRIPTION |
|-----|---------|--------------------------------------|
| A | 8/31/11 | ISSUED FOR REVIEW |
| B | 9/16/11 | ISSUED FOR REVIEW |
| 0 | 9/16/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| 1 | | |
| 2 | | |

410-432

ELECTRICAL SITE PLAN



DESIGNED: JTG
DRAWN: JTG
CHECKED: PWM

JOB #: GNG825

E-2



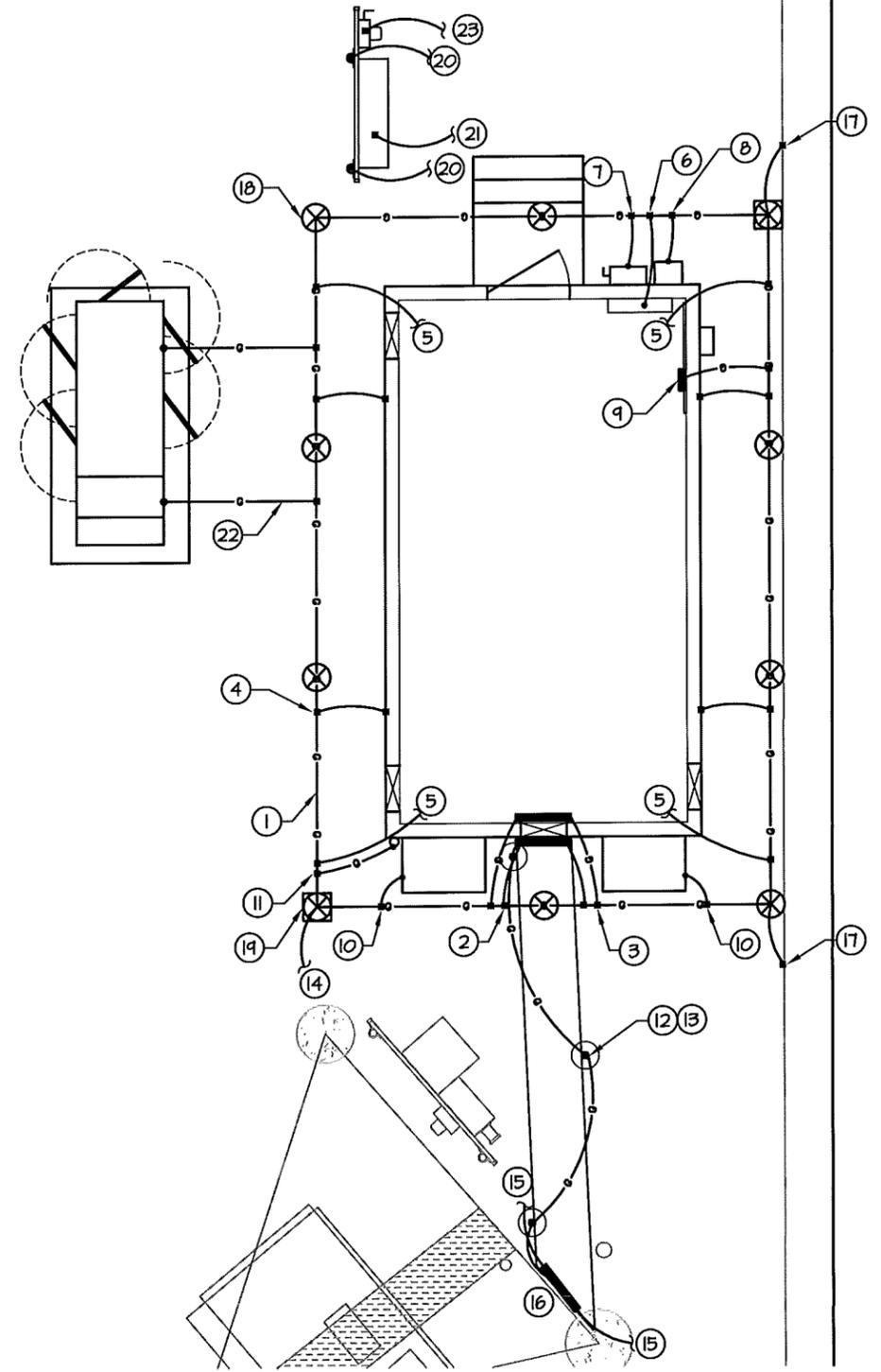
| DESCRIPTION: | ISSUED FOR REVIEW | ISSUED FOR REVIEW | ISSUED FOR PERMITTING & CONSTRUCTION |
|--------------|-------------------|-------------------|--------------------------------------|
| DATE | 03/11 | 4/6/11 | 4/13/11 |
| NUM | A | B | 0 - 2 |

| | |
|---------------|----------------------------|
| 410-432 | GROUNDING SITE PLAN |
| DESIGNED: JTG | |
| DRAWN: JTG | |
| CHECKED: PWM | |
| JOB #: GNG825 | E-3 |

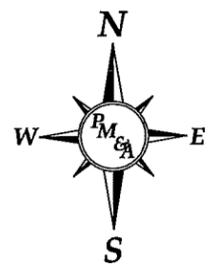
GROUNDING NOTES

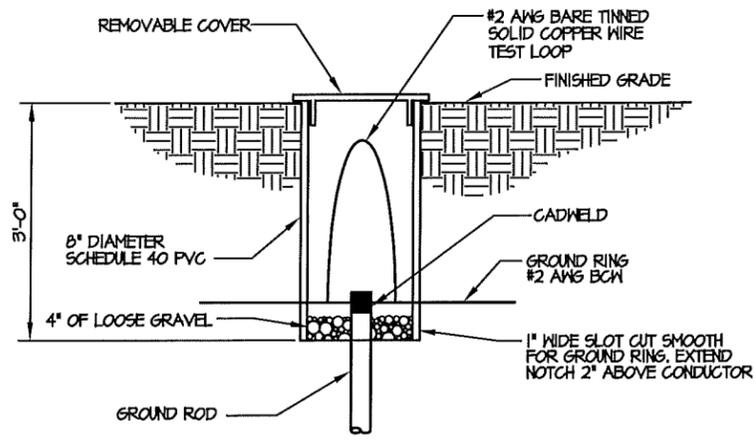
1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION, AND AC POWER GES'S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC AND AT&T ND-0007I.
2. THE SUBCONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS. TESTING SHALL BE IN ACCORDANCE WITH SPECIFICATION 241B2-000-3PS-EG00-00001. USE OF OTHER METHODS MUST BE PRE-APPROVED BY CONTRACTOR IN WRITING.
3. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS. WHEN ADDING ELECTRODES, CONTRACTOR SHALL MAINTAIN A MINIMUM DISTANCE BETWEEN THE ADDED ELECTRODE AND ANY OTHER EXISTING ELECTRODE EQUAL TO THE BURIED LENGTH OF THE ROD. IDEALLY, CONTRACTOR SHALL STRIVE TO KEEP THE SEPARATION DISTANCE EQUAL TO TWICE THE BURIED LENGTH OF THE RODS.
4. THE SUBCONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT.
5. METAL CONDUIT AND TRAY SHALL BE GROUNDING AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 AWG COPPER WIRE AND UL APPROVED GROUNDING TYPE CONDUIT CLAMPS PER NEC AND AT&T ND-0007I.
6. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
7. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED. BACK-TO-BACK CONNECTIONS ON OPPOSITE SIDES OF THE GROUND BUS ARE PERMITTED.
8. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
9. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED. IN ALL CASES, BENDS SHALL BE MADE WITH A MINIMUM BEND RADIUS OF 8 INCHES.
10. EACH INTERIOR BTS CABINET FRAME/PLINTH SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH #2 AWG STRANDED, GREEN INSULATED SUPPLEMENTAL GROUND WIRES. EACH OUTDOOR CABINET FRAME/PLINTH SHALL BE DIRECTLY CONNECTED TO THE BURIED GROUND RING WITH #2 AWG SOLID TIN-PLATED COPPER WIRE.
11. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING, SHALL BE #2 AWG SOLID TIN-PLATED COPPER UNLESS OTHERWISE INDICATED.
12. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE. CONNECTIONS TO ABOVE GRADE EXTERIOR UNITS SHALL BE MADE WITH EXOTHERMIC WELDS WHERE PRACTICAL OR WITH 2 HOLE MECHANICAL TYPE BRASS CONNECTORS WITH STAINLESS STEEL HARDWARE, INCLUDING SET SCREWS. HIGH PRESSURE CRIMP CONNECTORS MAY ONLY BE USED WITH WRITTEN PERMISSION FROM AT&T MARKET REPRESENTATIVE.
13. EXOTHERMIC WELDS SHALL BE PERMITTED ON TOWERS ONLY WITH THE EXPRESS APPROVAL OF THE TOWER MANUFACTURER OR THE CONTRACTORS STRUCTURAL ENGINEER.
14. ALL WIRE TO WIRE GROUND CONNECTIONS TO THE INTERIOR GROUND RING SHALL BE FORMED USING HIGH PRESS CRIMPS OR SPLIT BOLT CONNECTORS WHERE INDICATED IN THE DETAILS.
15. ON ROOFTOP SITES WHERE EXOTHERMIC WELDS ARE A FIRE HAZARD COPPER COMPRESSION CAP CONNECTORS MAY BE USED FOR WIRE TO WIRE CONNECTORS. 2 HOLE MECHANICAL TYPE BRASS CONNECTORS WITH STAINLESS STEEL HARDWARE, INCLUDING SET SCREWS SHALL BE USED FOR CONNECTION TO ALL ROOFTOP BTS EQUIPMENT AND STRUCTURAL STEEL.
16. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR USING TWO HOLED MECHANICAL TYPE BRASS CONNECTORS AND STAINLESS STEEL HARDWARE.
17. APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
18. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
19. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
20. BOND ALL METALLIC OBJECTS WITHIN 6 FT OF THE BURIED GROUND RING WITH #2 SOLID AWG TIN-PLATED COPPER GROUND CONDUCTOR.
21. GROUND CONDUCTORS USED IN THE FACILITY GROUND AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC PLASTIC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (E.G., NON-METALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT WITH LISTED BONDING FITTINGS.
22. GROUND ALL RF EQUIPMENT INCLUDING BUT NOT LIMITED TO COAX, DIPLEXERS, SURGE ARRESTORS, THA's, ANTENNAS, & ANTENNA MASTS PER NEC AND AT&T ND-0007I.

- ① #2 AWG BARE TINNED SOLID COPPER GROUND RING BURIED 30" BELOW GRADE (TYP)
- ② CONNECT EXTERIOR GROUND BAR (UNDER WAVEGUIDE PORT) TO NEW GROUND RING WITH #2 GROUND CONDUCTORS.
- ③ CONNECT MASTER GROUND BAR TO EXTERIOR GROUND RING. COORDINATE WITH EQUIPMENT BUILDING MANUFACTURER FOR LOCATION OF WALL PENETRATION.
- ④ BOND EACH SHELTER TIE DOWN PLATE TO GROUND RING WITH CADWELD.
- ⑤ PROVIDE GROUND LEADS FROM SHELTER HALO TO GROUND RING (4 PLACES). COORDINATE WITH SHELTER MANUFACTURER FOR LOCATION OF WALL PENETRATIONS.
- ⑥ PROVIDE GROUND LEAD FROM BUILDING 200A PANEL BOARD TO GROUND RING. COORDINATE WITH SHELTER MANUFACTURER FOR LOCATION OF WALL PENETRATIONS.
- ⑦ BOND DISCONNECT SWITCH TO GROUND RING.
- ⑧ BOND GENERATOR INTERFACE PANEL TO GROUND RING.
- ⑨ CONNECT TELCO GROUND BAR TO EXTERIOR GROUND RING. COORDINATE WITH EQUIPMENT BUILDING MANUFACTURER FOR LOCATION OF WALL PENETRATION.
- ⑩ BOND HVAC UNITS TO GROUND RING (TYP.)
- ⑪ GROUND GPS ANTENNAS PER MANUFACTURER'S SPECIFICATIONS.
- ⑫ BOND EVERY ICE BRIDGE POST BASE TO GROUND RING WITH CADWELD.
- ⑬ BOND EACH ICE BRIDGE SECTION TOGETHER WITH JUMPERS. BOND FIRST AND LAST SECTION TO GROUND RING.
- ⑭ BOND EQUIPMENT GROUND RING TO TOWER GROUND RING (TYP - 2 PLACES)
- ⑮ BOND TOWER MOUNTED GROUND BAR TO TOWER GROUND RING WITH #2 AWG SOLID BARE TINNED COPPER WIRE (TYP - 2 PLACES)
- ⑯ BOND COAX CABLE GROUND KIT TO GROUND BAR. REFER TO COAX CABLE GROUND KIT DETAIL.
- ⑰ BOND GROUND RING TO EXISTING FENCE POST (TYP.)
- ⑱ 5/8"φ x 10'-0" LONG COPPER CLAD STEEL GROUND RODS (TYP)
- ⑲ PROPOSED GROUND ROD WITH INSPECTION WELL. (TYP.)
- ⑳ GROUND PROPOSED H-FRAME POST TO GROUND RING. (TYP.)
- ㉑ GROUND PROPOSED TELCO BOX TO GROUND RING.
- ㉒ #2 AWG BARE TINNED SOLID COPPER WIRE. 2-HOLE LUG CONNECTION TO GENERATOR BASE FRAME, CADWELD CONNECTION TO EXISTING GROUND RING (TYP.)
- ㉓ GROUND PROPOSED METER AND DISCONNECT PER NEC 250 REQUIREMENTS.

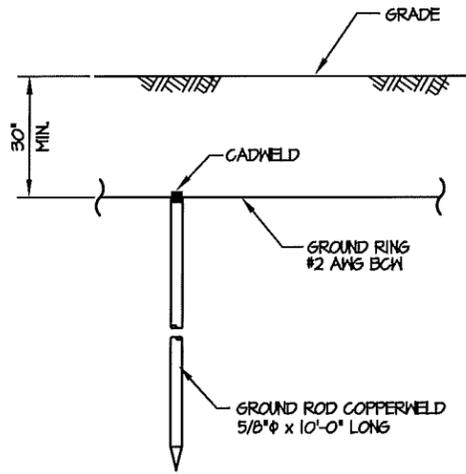


GROUNDING PLAN
NOT TO SCALE

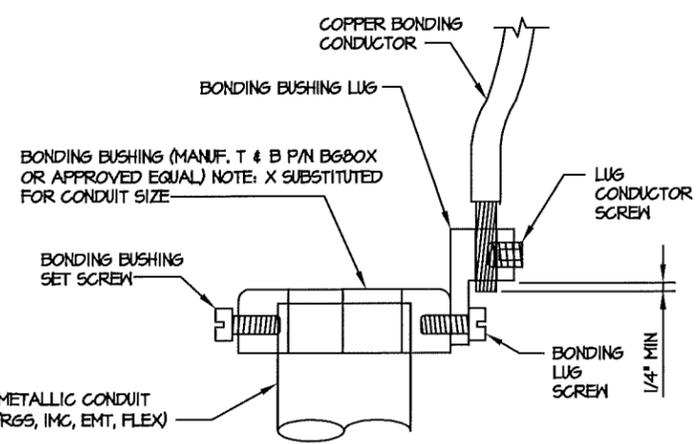




GROUND ROD INSPECTION WELL
NOT TO SCALE



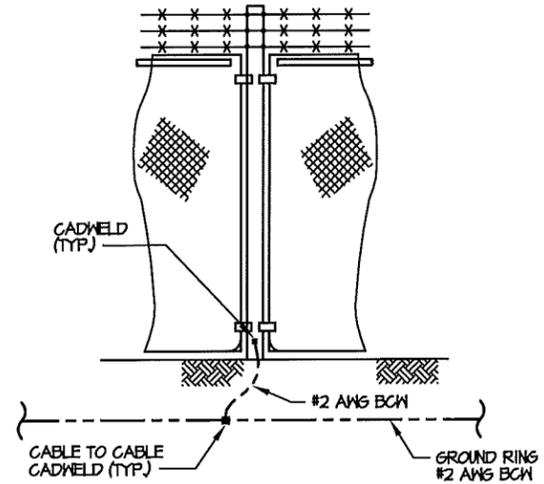
GROUND ROD DETAIL
NOT TO SCALE



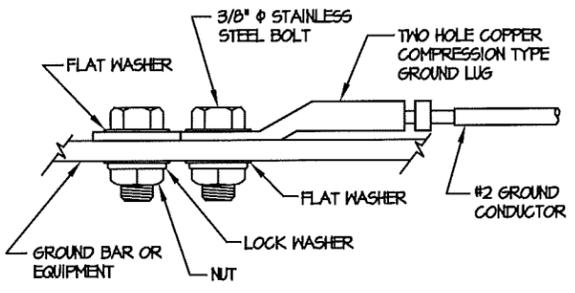
DIRECTIONS:
1. MOUNT BONDING BUSHING ONTO CONDUIT
2. TIGHTEN BOND BUSHING SET SCREW
3. INSERT COPPER CONDUCTOR INTO LUG
4. TIGHTEN LUG CONDUCTOR SCREW
5. TIGHTEN BONDING LUG SCREW

NOTE: BONDING BUSHING, SET SCREW, LUG, LUG SCREW, COND. LUG SCREW, SHOWN AS COMPLETE UNIT.

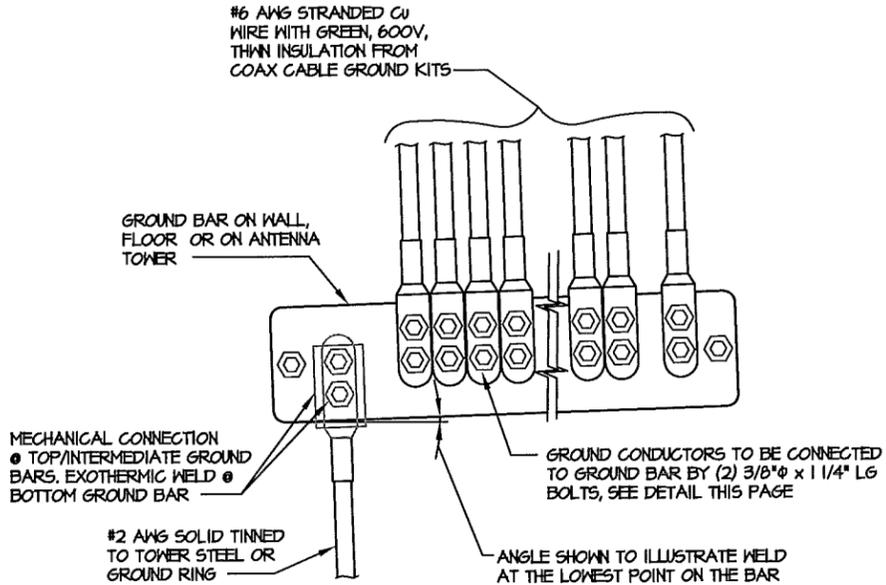
CONDUIT BOND/GROUND BUSHING
NTS



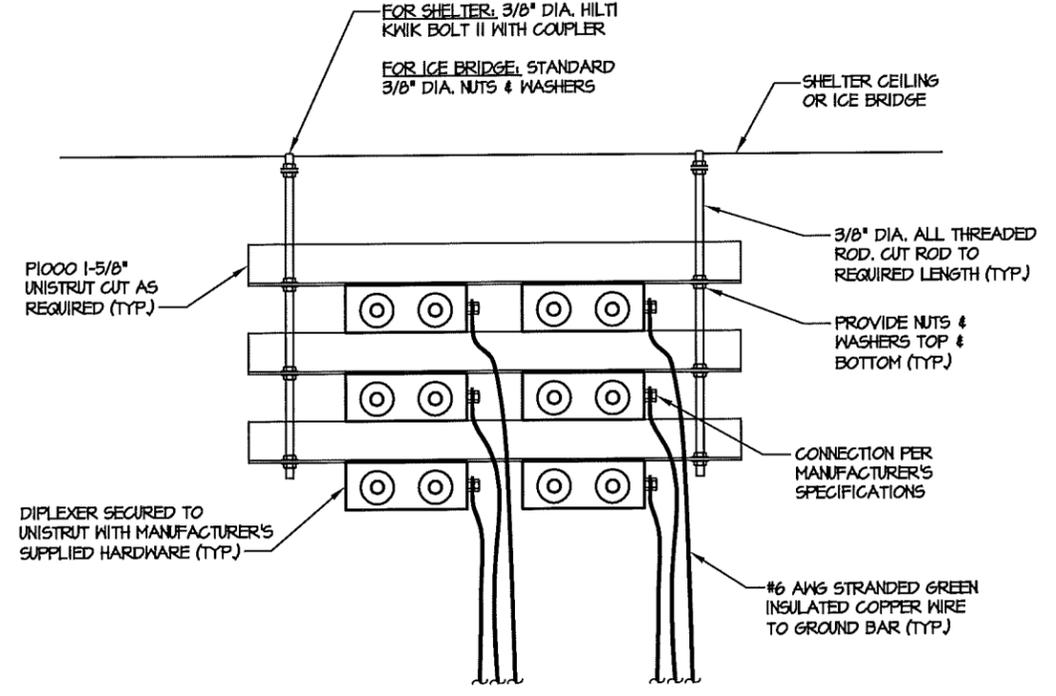
FENCE GROUNDING
NOT TO SCALE



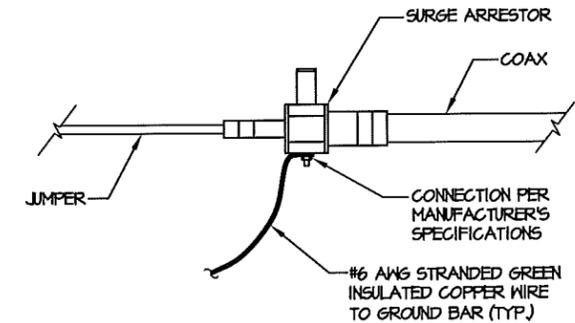
MECHANICAL GROUND CONNECTION
NOT TO SCALE



INSTALLATION OF GROUND WIRE TO COAX CABLE GROUND BAR
NTS

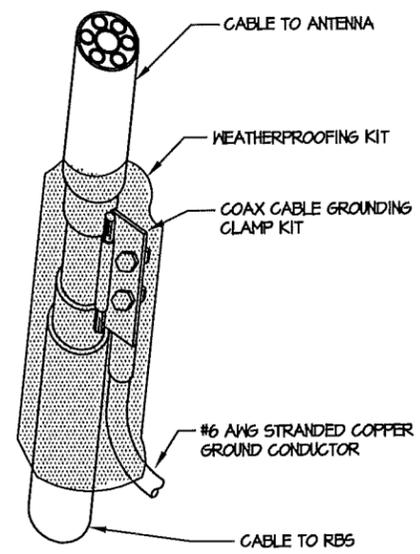


DIPLEXER GROUNDING DETAILS
NOT TO SCALE



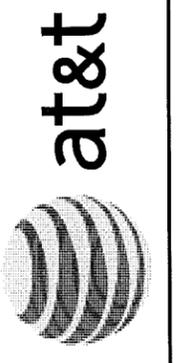
NOTE: ON OUTDOOR SITES, INSTALL WEATHERPROOFING AT EACH CONNECTION PER AT&T SPECIFICATIONS

SURGE ARRESTOR GROUNDING DETAILS
NOT TO SCALE



- NOTES:**
- DO NOT INSTALL CABLE GROUND KIT AT A BEND.
 - ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR
 - GROUNDING KIT & WEATHER PROOFING KIT SHALL BE TYPE & PART # AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.

COAX CABLE GROUND KIT
NOT TO SCALE



| DESCRIPTION: | DATE | NUM |
|--------------------------------------|---------|-------|
| ISSUED FOR REVIEW | 8/29/11 | A |
| ISSUED FOR REVIEW | 9/16/11 | B |
| ISSUED FOR PERMITTING & CONSTRUCTION | 9/19/11 | O - 2 |

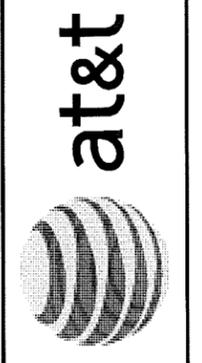
410-432

GROUNDING DETAILS

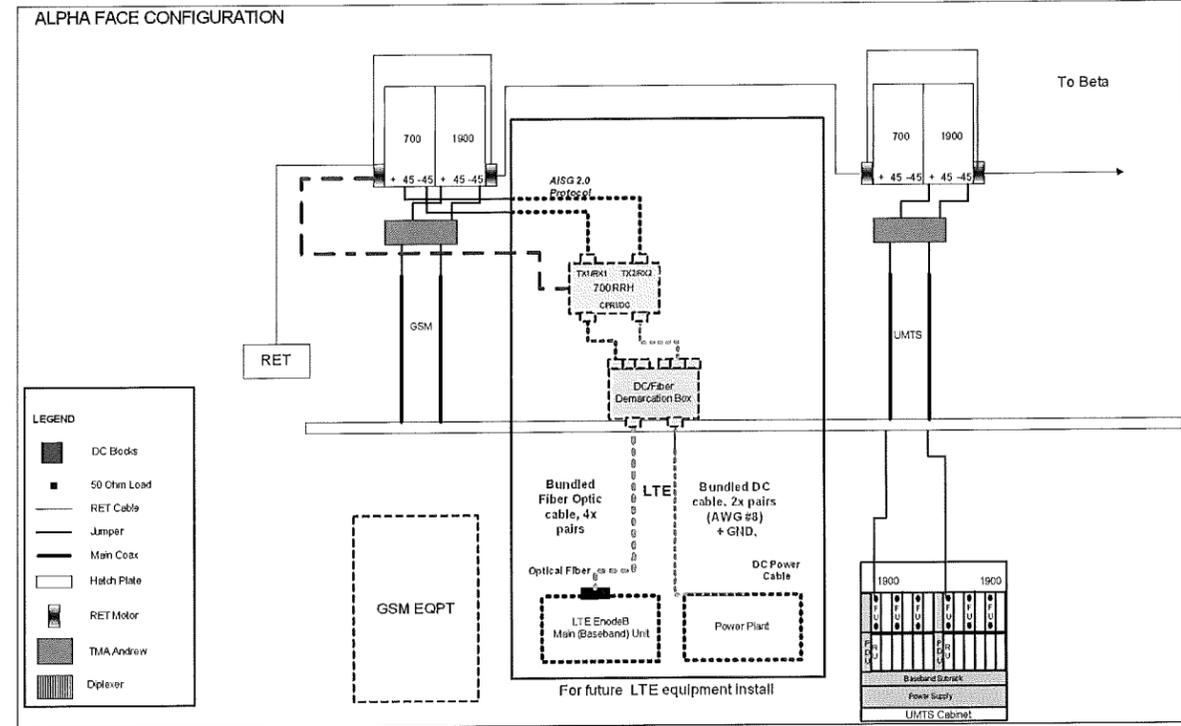
DESIGNED: JTG
DRAWN: JTG
CHECKED: PWM

JOB #: GNG825

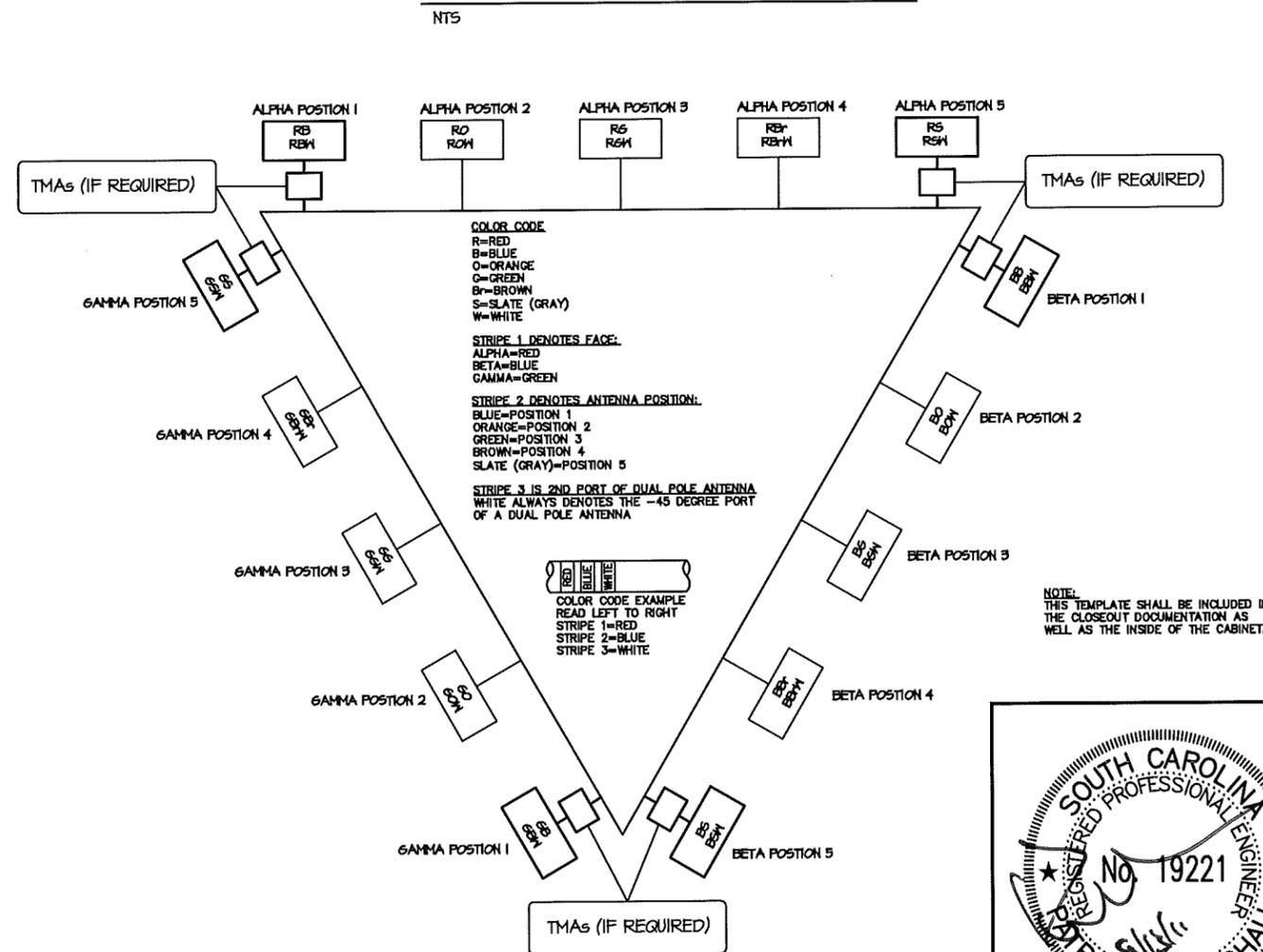
E-4



| Section 15D - CURRENT SECTOR/CELL INFORMATION - DELTA | | | | | | | |
|--|--|--|--|--|--|--|--|
| Section 15E - CURRENT SECTOR/CELL INFORMATION - EPSILON | | | | | | | |
| Section 15F - CURRENT SECTOR/CELL INFORMATION - PSI | | | | | | | |
| Section 16A - NEWPROPOSED SECTOR/CELL INFORMATION - ALPHA (OROM) | | | | | | | |
| ANTENNA CONFIG # (FROM BACK) | ANTENNA 1 GSM, UITS, GSM / 1900 or LTE (20/17 AWG) | ANTENNA 2 GSM, UITS, GSM / 1900 or LTE (20/17 AWG) | ANTENNA 3 GSM, UITS, GSM / 1900 or LTE (20/17 AWG) | ANTENNA 4 GSM, UITS, GSM / 1900 or LTE (20/17 AWG) | ANTENNA 5 GSM, UITS, GSM / 1900 or LTE (20/17 AWG) | ANTENNA 6 GSM, UITS, GSM / 1900 or LTE (20/17 AWG) | ANTENNA 7 GSM, UITS, GSM / 1900 or LTE (20/17 AWG) |
| FEEDER TYPE | FEEDER TYPE | FEEDER TYPE | FEEDER TYPE | FEEDER TYPE | FEEDER TYPE | FEEDER TYPE | FEEDER TYPE |
| FEEDER LENGTH (INCH) | FEEDER LENGTH (INCH) | FEEDER LENGTH (INCH) | FEEDER LENGTH (INCH) | FEEDER LENGTH (INCH) | FEEDER LENGTH (INCH) | FEEDER LENGTH (INCH) | FEEDER LENGTH (INCH) |
| ANTENNA MAKE - MODEL | ANTENNA MAKE - MODEL | ANTENNA MAKE - MODEL | ANTENNA MAKE - MODEL | ANTENNA MAKE - MODEL | ANTENNA MAKE - MODEL | ANTENNA MAKE - MODEL | ANTENNA MAKE - MODEL |
| ANTENNA W/ RATIO (dB) | ANTENNA W/ RATIO (dB) | ANTENNA W/ RATIO (dB) | ANTENNA W/ RATIO (dB) | ANTENNA W/ RATIO (dB) | ANTENNA W/ RATIO (dB) | ANTENNA W/ RATIO (dB) | ANTENNA W/ RATIO (dB) |
| ANTENNA HEIGHT | ANTENNA HEIGHT | ANTENNA HEIGHT | ANTENNA HEIGHT | ANTENNA HEIGHT | ANTENNA HEIGHT | ANTENNA HEIGHT | ANTENNA HEIGHT |
| RADIATION CENTER (INCH) | RADIATION CENTER (INCH) | RADIATION CENTER (INCH) | RADIATION CENTER (INCH) | RADIATION CENTER (INCH) | RADIATION CENTER (INCH) | RADIATION CENTER (INCH) | RADIATION CENTER (INCH) |
| ELECTRICAL TILT (DEGREE) | ELECTRICAL TILT (DEGREE) | ELECTRICAL TILT (DEGREE) | ELECTRICAL TILT (DEGREE) | ELECTRICAL TILT (DEGREE) | ELECTRICAL TILT (DEGREE) | ELECTRICAL TILT (DEGREE) | ELECTRICAL TILT (DEGREE) |
| FEEDER ASSEMBLY | FEEDER ASSEMBLY | FEEDER ASSEMBLY | FEEDER ASSEMBLY | FEEDER ASSEMBLY | FEEDER ASSEMBLY | FEEDER ASSEMBLY | FEEDER ASSEMBLY |
| Antenna RET (dB) | Antenna RET (dB) | Antenna RET (dB) | Antenna RET (dB) | Antenna RET (dB) | Antenna RET (dB) | Antenna RET (dB) | Antenna RET (dB) |
| Antenna RET Surge Arrester (dB) | Antenna RET Surge Arrester (dB) | Antenna RET Surge Arrester (dB) | Antenna RET Surge Arrester (dB) | Antenna RET Surge Arrester (dB) | Antenna RET Surge Arrester (dB) | Antenna RET Surge Arrester (dB) | Antenna RET Surge Arrester (dB) |
| Antenna RET CONTROL UNIT (dB) | Antenna RET CONTROL UNIT (dB) | Antenna RET CONTROL UNIT (dB) | Antenna RET CONTROL UNIT (dB) | Antenna RET CONTROL UNIT (dB) | Antenna RET CONTROL UNIT (dB) | Antenna RET CONTROL UNIT (dB) | Antenna RET CONTROL UNIT (dB) |
| CURRENT INJECTION POINT (dB) | CURRENT INJECTION POINT (dB) | CURRENT INJECTION POINT (dB) | CURRENT INJECTION POINT (dB) | CURRENT INJECTION POINT (dB) | CURRENT INJECTION POINT (dB) | CURRENT INJECTION POINT (dB) | CURRENT INJECTION POINT (dB) |
| FOU FOR TMS (dB) | FOU FOR TMS (dB) | FOU FOR TMS (dB) | FOU FOR TMS (dB) | FOU FOR TMS (dB) | FOU FOR TMS (dB) | FOU FOR TMS (dB) | FOU FOR TMS (dB) |
| SURGE ARRESTOR (dB) | SURGE ARRESTOR (dB) | SURGE ARRESTOR (dB) | SURGE ARRESTOR (dB) | SURGE ARRESTOR (dB) | SURGE ARRESTOR (dB) | SURGE ARRESTOR (dB) | SURGE ARRESTOR (dB) |
| DUPLER (dB) | DUPLER (dB) | DUPLER (dB) | DUPLER (dB) | DUPLER (dB) | DUPLER (dB) | DUPLER (dB) | DUPLER (dB) |
| FEEDER LOSS (dB) | FEEDER LOSS (dB) | FEEDER LOSS (dB) | FEEDER LOSS (dB) | FEEDER LOSS (dB) | FEEDER LOSS (dB) | FEEDER LOSS (dB) | FEEDER LOSS (dB) |
| RAJAF IN MODEL | RAJAF IN MODEL | RAJAF IN MODEL | RAJAF IN MODEL | RAJAF IN MODEL | RAJAF IN MODEL | RAJAF IN MODEL | RAJAF IN MODEL |
| Additional Component | Additional Component | Additional Component | Additional Component | Additional Component | Additional Component | Additional Component | Additional Component |
| Additional Component | Additional Component | Additional Component | Additional Component | Additional Component | Additional Component | Additional Component | Additional Component |
| Additional Component | Additional Component | Additional Component | Additional Component | Additional Component | Additional Component | Additional Component | Additional Component |
| MATCH PLATE POSITION (INCH) | MATCH PLATE POSITION (INCH) | MATCH PLATE POSITION (INCH) | MATCH PLATE POSITION (INCH) | MATCH PLATE POSITION (INCH) | MATCH PLATE POSITION (INCH) | MATCH PLATE POSITION (INCH) | MATCH PLATE POSITION (INCH) |
| Local Manufacturer | Local Manufacturer | Local Manufacturer | Local Manufacturer | Local Manufacturer | Local Manufacturer | Local Manufacturer | Local Manufacturer |



TYPICAL ANTENNA CABLE CONFIGURATION



COAX COLOR CODE TEMPLATE

RFDS: GA_410-432_HHI_BIC_26_A_PALMETTO_ELECTRIC_CCO_2413000654_10153570_083111_01

| NUM | DATE | DESCRIPTION: |
|-----|---------|--------------------------------------|
| A | 8/31/11 | ISSUED FOR REVIEW |
| B | 9/6/11 | ISSUED FOR REVIEW |
| O | 9/17/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| 1 | | |
| 2 | | |

410-432

COAX COLOR CODE TEMPLATE & RFDS

DESIGNED: JTG
DRAWN: JTG
CHECKED: PWM

JOB #: GNG825

E-5





| DESCRIPTION: | DATE | NUM |
|--------------------------------------|---------|-----|
| ISSUED FOR REVIEW | 8/21/11 | A |
| ISSUED FOR REVIEW | 9/6/11 | B |
| ISSUED FOR PERMITTING & CONSTRUCTION | 9/13/11 | O |
| | | 1 |
| | | 2 |

410-432

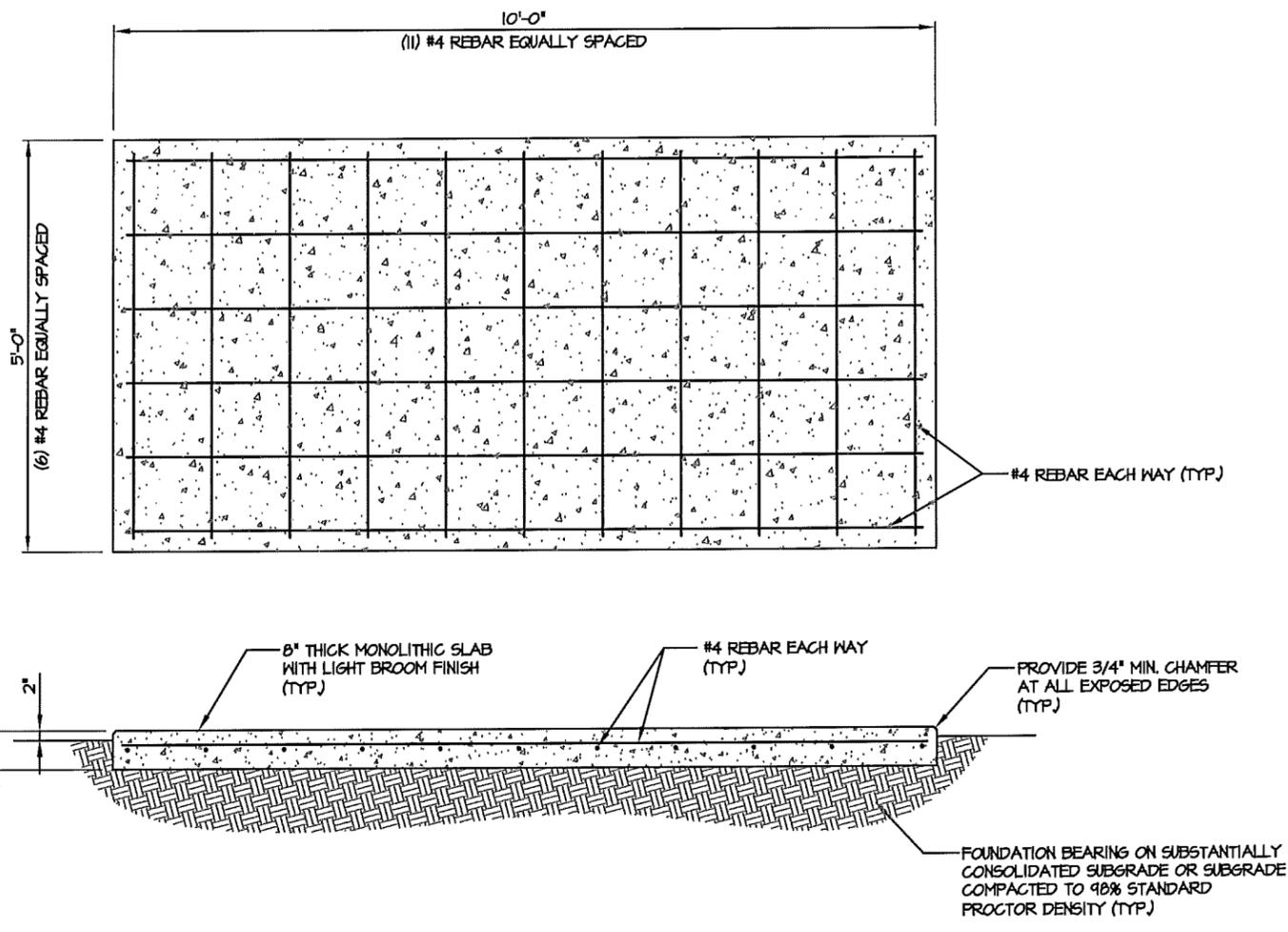
GENERATOR FOUNDATION DETAILS

DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM
 JOB #: GNG825

E-6

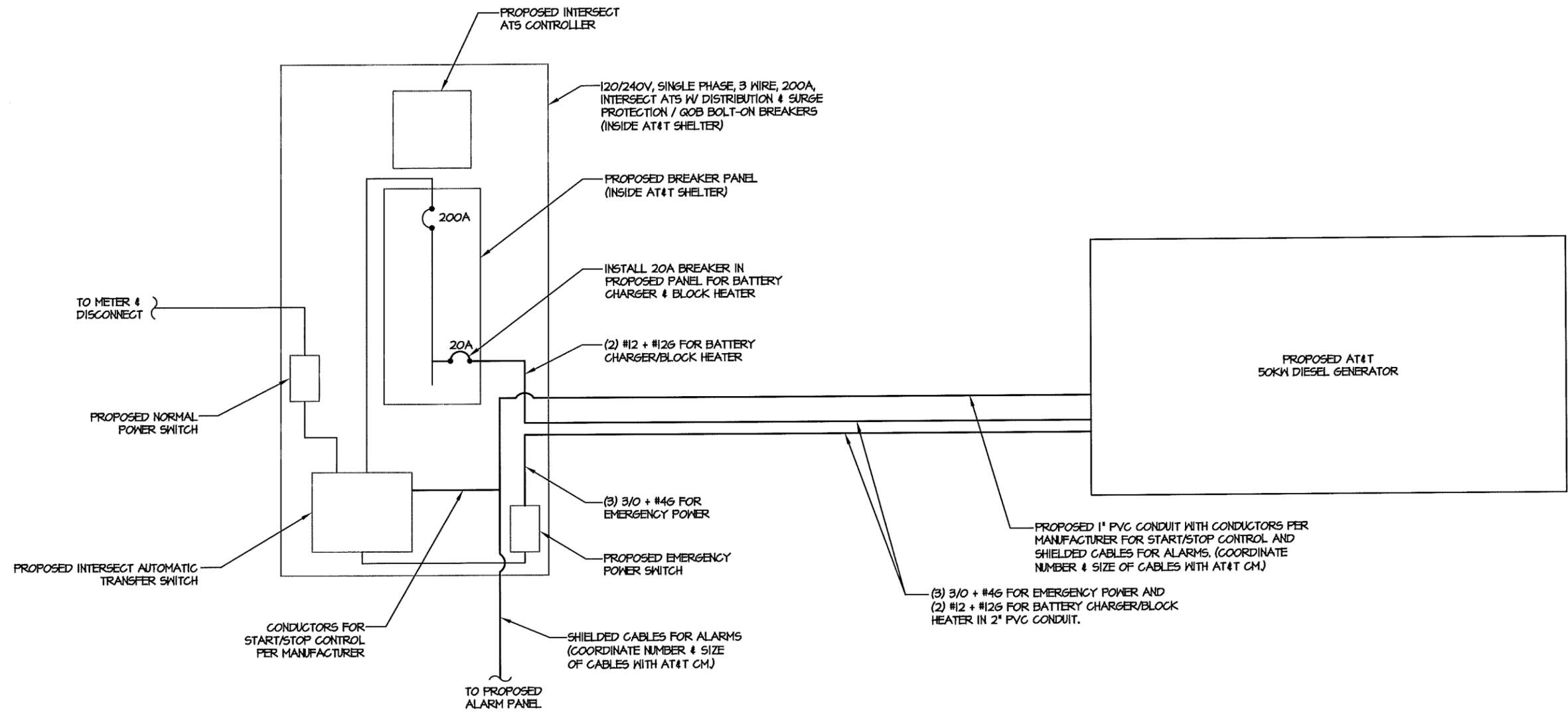
REINFORCED CONCRETE NOTES:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN & CONSTRUCTION SPECIFICATION FOR CAST-IN-PLACE CONCRETE.
 - SITECAST CONCRETE FOR SLABS AND POST FOOTINGS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE TESTING IS NOT REQUIRED FOR SLABS AND POST FOOTINGS UNLESS NOTED OTHERWISE.
 SLUMP - 4" MIN. / 6" MAX.
 AIR ENTRAINMENT - 2% TO 3% BY VOLUME
 CLASSES OF CONCRETE
- | CLASS | 28 DAY STRENGTH (PSI) | MAX WATER/CEMENT RATIO | PLACEMENT LOCATION | NOTES |
|-----------|-----------------------|------------------------|--------------------|---------------------|
| TYPE I | 3000 | 0.55 | SLABS & FOOTINGS | NORMAL WEIGHT |
| TYPE III* | 5000 | 0.45 | SLABS & FOOTINGS | HIGH EARLY STRENGTH |
- * IF REQUIRED BY THE CONSTRUCTION SCHEDULE THE CONTRACTOR MAY SUBSTITUTE TYPE III HIGH EARLY STRENGTH CONCRETE WITH THE APPROVAL OF THE CONSTRUCTION MANAGER.
- REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 WELDED STEEL WIRE FABRIC UNLESS NOTED OTHERWISE. SPLICES FOR REBAR SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNO. LAPS FOR WELDED WIRE FABRIC SHALL BE AT LEAST 8 INCHES, UNO.
 - THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:
 CONCRETE CAST AGAINST EARTH.....3"
 CONCRETE EXPOSED TO EARTH OR WEATHER
 #6 AND LARGER.....2"
 #5 AND SMALLER & W.W.F.....1-1/2"
 - MAXIMUM COARSE AGGREGATE SIZE SHALL BE 3/4".
 - INSTALLATION OF CONCRETE ANCHORS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN SPECIFICATIONS. THE ANCHOR BOLT, DONUT, OR ROD SHALL CONFORM TO THE ANCHOR MANUFACTURER'S SPECIFICATIONS FOR MATERIAL STRENGTH, EMBEDMENT DEPTH, SPACING, AND EDGE DISTANCE OR AS DETAILED ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CONCRETE. EXPANSION BOLTS SHALL BE PROVIDED BY RAMSET/REDHEAD, HILTI, OR APPROVED EQUAL. IF THE MANUFACTURER'S SPECIFICATIONS AND DETAILS ARE FOUND TO CONFLICT WITH THAT SHOWN HEREIN, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
 - THE CONTRACTOR SHALL VERIFY FROST LINE AND FOOTING DEPTH REQUIREMENTS WITH THE JURISDICTION HAVING AUTHORITY PRIOR TO CONSTRUCTION.
 - MECHANICAL VIBRATION IS REQUIRED ON ALL SLABS TO REDUCE THE HONEYCOMB EFFECT UNLESS DIRECTED BY THE CONSTRUCTION MANAGER.
 - THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL CONDUIT SIZES AND PENETRATION LOCATIONS PRIOR TO POURING THE SLAB.



MONOLITHIC GENERATOR SLAB DETAIL
 NOT TO SCALE





GENERATOR ONE-LINE DIAGRAM
 NOT TO SCALE



| NUM | DATE | DESCRIPTION: |
|-----|---------|--------------------------------------|
| A | 8/31/11 | ISSUED FOR REVIEW |
| B | 9/6/11 | ISSUED FOR REVIEW |
| O | 9/13/11 | ISSUED FOR PERMITTING & CONSTRUCTION |
| 1 | | |
| 2 | | |

410-432
GENERATOR ONE-LINE DIAGRAM

DESIGNED: JTG
 DRAWN: JTG
 CHECKED: PWM
 JOB #: GNG825

E-7

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: 15 Cooperative Way Antennae Co-Locate- Alteration/ Addition

DRB#: DR110035

DATE: September 27, 2011

RECOMMENDATION: Approval Approval with Conditions Denial

ARCHITECTURAL DESIGN

A co-location on an existing tower

| DESIGN GUIDE/LMO CRITERIA | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|--------------------------|--------------------------|--------------------------|------------------------|
| Structure is designed to be appropriate to the neighborhood | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Promotes pedestrian scale and circulation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Design is unobtrusive and set into the natural environment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Utilizes natural materials and colors | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Avoids distinctive vernacular styles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Design is appropriate for its use | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| All facades are have equal design characteristics | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Avoids monotonous planes or unrelieved repetition | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Has a strong roof form with enough variety to provide visual interest | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Minimum roof pitch of 6/12 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Overhangs are sufficient for the façade height. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Forms an details are sufficient to reduce the mass of the structure | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

| | | | | |
|---|--------------------------|--------------------------|--------------------------|--|
| Human scale is achieved by the use of proper proportions and architectural elements | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Utilizes a variety of materials, textures and colors | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Incorporates wood or wood simulating materials | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Windows are in proportion to the facade | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Details are clean, simple and appropriate while avoiding excessive ornamentation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Utilities and equipment are concealed from view | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Decorative lighting is limited and low wattage and adds to the visual character | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Accessory elements are design to coordinate with the primary structure | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

LANDSCAPE DESIGN

| DESIGN GUIDE/LMO CRITERIA | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|--------------------------|--------------------------|--------------------------|-------------------------------|
| Treats the Landscape as a major element of the project | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Provides Landscaping of a scope and size that is in proportion to the scale of the development | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Landscape is designed so that it may be maintained in its natural shape and size | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Preserves a variety of existing native trees and shrubs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Provides for a harmonious setting for the site's structures, parking areas or other construction | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Location of existing trees and new trees provides street buffers, mitigation for parking lots, and an architectural complement that visually mitigates between parking lots and building(s) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Shrubs are selected to complement the natural setting, provide visual interest and screen less desirable elements of the project | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| A variety of species is selected for texture and color | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Provides overall order and continuity of the Landscape plan | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Native plants or plants that have historically been prevalent on the Island are utilized | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| A variety of sizes is selected to create a "layered" appearance for visual interest and a sense of depth | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

| | | | | |
|--|-------------------------------------|--------------------------|--------------------------|--|
| The location of existing mature trees is taken into account in placement of shrubs so as not to damage tree roots | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Proper spacing and location for plants to reach their mature size and natural shape while avoiding excessive or unnatural pruning | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Proposed groundcovers are evergreen species with low maintenance needs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Large grassed lawn areas encompassing a major portion of the site are avoided | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| The adjacent development is taken into account in determining the most appropriate buffer so as not to depart too dramatically from the neighborhood | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Ornamentals and Annuals are limited to entrances and other focal points | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

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 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Supplemental and replacement trees meet LMO requirements for size, species and number | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Wetlands if present are avoided and the required buffers are maintained | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Sand dunes if present are not disturbed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

MISC COMMENTS/QUESTIONS

| |
|--|
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |



2709 Rocky Point Dr. 201
Tampa, Florida 33607 USA

apiplus.com

T 813 + 281 9299

F 813 + 281 9292

License Nº AAC001935

PROJECT NAME

BI-LO

STORE #164

**HILTON HEAD, SC
GRAPHICS & DECOR**

BI-LO[®]

ISSUE DATE

REV AUGUST 30, 2011

PROJECT NO.

2011.052.00

PHASE

DESIGN CONTROL



2709 Rocky Point Dr. 201
 Tampa, Florida 33607 USA
apiplus.com
 T 813 + 281 9299
 F 813 + 281 9292
 License № AAC001935

| APPROVED | |
|----------|---------|
| _____ | : / /00 |
| _____ | : / /00 |
| _____ | : / /00 |
| Initial | Date |

SHEET TITLE
 EXISTING STOREFRONT

PROJECT NAME
BI-LO
 STORE #164
 HILTON HEAD, SC
 GRAPHICS & DECOR

PROJECT NO.
 2011.052.00

PHASE
 DESIGN CONTROL

ISSUE DATE
 REV AUGUST 30, 2011

SCALE
 AS NOTED

SHEET
 A1

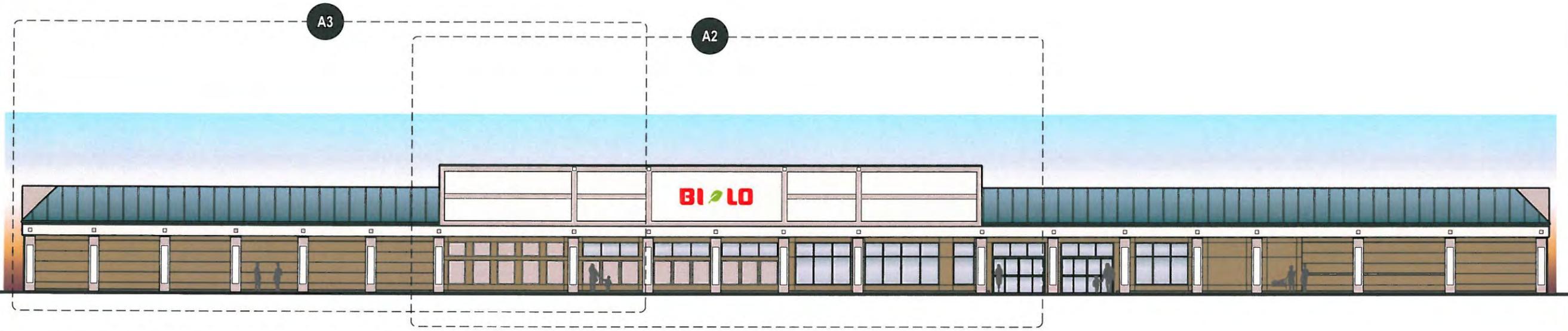
A

PHOTO: EXISTING STORE FRONT
 Scale: NA



B

ELEVATION: EXTERIOR STOREFRONT ELEVATION DETAILS
Scale: 1/8"=1'-0"



A

DETAIL: EXTERIOR STOREFRONT
Scale: NA

APPROVED

: / /00

: / /00

: / /00

Initial

Date

SHEET TITLE

EXTERIOR STOREFRONT
ELEVATIONS

PROJECT NAME

BI-LO
STORE #164
HILTON HEAD, SC
GRAPHICS & DECOR

PROJECT NO.

2011.052.00

PHASE

DESIGN CONTROL

ISSUE DATE

REV AUGUST 30, 2011

SCALE

AS NOTED

SHEET

A2

APPROVED

: / /00

: / /00

: / /00

Initial

Date

SHEET TITLE

EXTERIOR STOREFRONT
ELEVATIONS

PROJECT NAME

BI-LO

STORE #164

HILTON HEAD, SC

GRAPHICS & DECOR

PROJECT NO.

2011.052.00

PHASE

DESIGN CONTROL

ISSUE DATE

REV AUGUST 30, 2011

SCALE

AS NOTED

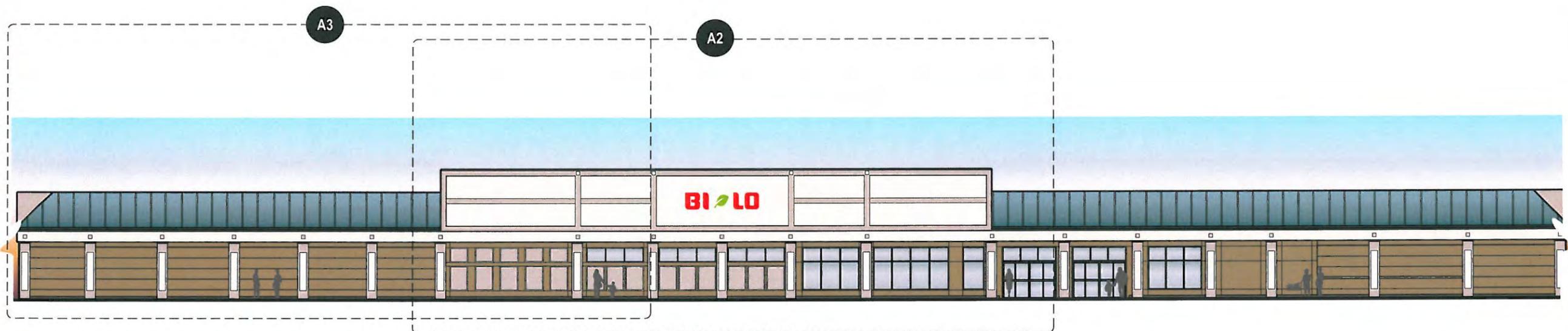
SHEET

A3



B

ELEVATION: EXTERIOR STOREFRONT ELEVATION DETAILS
Scale: 1/8"=1'-0"



A

DETAIL: EXTERIOR STOREFRONT
Scale: NA



2709 Rocky Point Dr. 201
Tampa, Florida 33607 USA

apiplus.com

T 813 + 281 9299

F 813 + 281 9292

License N° AAC001935

PROJECT NAME

BI-LO

STORE #275

**HILTON HEAD, SC
GRAPHICS & DECOR**



ISSUE DATE

REV SEPTEMBER 8, 2011

PROJECT NO.

2011.053.00

PHASE

DESIGN CONTROL



2709 Rocky Point Dr. 201
 Tampa, Florida 33607 USA
apiplus.com
 T 813 + 281 9299
 F 813 + 281 9292
 License № AAC001935

APPROVED

____ : / ____ /00
 ____ : / ____ /00
 ____ : / ____ /00
Initial Date

SHEET TITLE

EXISTING STOREFRONT

PROJECT NAME

BI-LO
 STORE #275
 HILTON HEAD, SC
 GRAPHICS & DECOR

PROJECT NO.

2011.053.00

PHASE

DESIGN CONTROL

ISSUE DATE

REV SEPTEMBER 8, 2011

SCALE

AS NOTED

SHEET

A1

A

DETAIL: EXTERIOR PYLON SIGNAGE
 Scale: NA



| APPROVED | |
|----------|---------|
| _____ | : / /00 |
| _____ | : / /00 |
| _____ | : / /00 |
| Initial | Date |

SHEET TITLE
EXTERIOR STOREFRONT ELEVATIONS

PROJECT NAME
BI-LO
STORE #275
HILTON HEAD, SC
GRAPHICS & DECOR

PROJECT NO.
2011.053.00

PHASE
DESIGN CONTROL

ISSUE DATE
REV SEPTEMBER 8, 2011

SCALE
AS NOTED

SHEET
A2

B ELEVATION: EXTERIOR STOREFRONT ELEVATION DETAILS
Scale: 1/8"=1'-0"



A DETAIL: EXTERIOR STOREFRONT
Scale: NA



| APPROVED | |
|----------|---------|
| _____ | : / /00 |
| _____ | : / /00 |
| _____ | : / /00 |
| Initial | Date |

SHEET TITLE
EXTERIOR STOREFRONT
ELEVATIONS

PROJECT NAME
BI-LO
STORE #275
HILTON HEAD, SC
GRAPHICS & DECOR

PROJECT NO.
2011.053.00

PHASE
DESIGN CONTROL

ISSUE DATE
REV SEPTEMBER 8, 2011

SCALE
AS NOTED

SHEET
A3

B ELEVATION: EXTERIOR STOREFRONT ELEVATION DETAILS
Scale: 1/8"=1'-0"



A DETAIL: EXTERIOR STOREFRONT
Scale: NA

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: Bi-Lo Painting- Circle Center/ Port Royal Plaza- Minor External Change

DRB#: DR110036

DATE: September 27, 2011

RECOMMENDATION: Approval Approval with Conditions Denial

ARCHITECTURAL DESIGN

Hard color samples will be provided at the meeting. While the proposed palette is generally acceptable and can be further discussed at the meeting, the repaint of the Circle Center location only calls for repainting the Bi-Lo elements, rather than the entire shopping center. Staff would recommend that this element of the application be withdrawn until an agreement can be reached to repaint the entire center.

| DESIGN GUIDE/LMO CRITERIA | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|--------------------------|--------------------------|--------------------------|------------------------|
| Structure is designed to be appropriate to the neighborhood | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Promotes pedestrian scale and circulation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Design is unobtrusive and set into the natural environment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Utilizes natural materials and colors | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Avoids distinctive vernacular styles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Design is appropriate for its use | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| All facades are have equal design characteristics | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Avoids monotonous planes or unrelieved repetition | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Has a strong roof form with enough variety to provide visual interest | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Minimum roof pitch of 6/12 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

| | | | | |
|---|--------------------------|--------------------------|--------------------------|--|
| Overhangs are sufficient for the façade height. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Forms and details are sufficient to reduce the mass of the structure | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Human scale is achieved by the use of proper proportions and architectural elements | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Utilizes a variety of materials, textures and colors | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Incorporates wood or wood simulating materials | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Windows are in proportion to the facade | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Details are clean, simple and appropriate while avoiding excessive ornamentation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Utilities and equipment are concealed from view | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Decorative lighting is limited and low wattage and adds to the visual character | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Accessory elements are design to coordinate with the primary structure | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

LANDSCAPE DESIGN
Not Applicable

| DESIGN GUIDE/LMO CRITERIA | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|--------------------------|--------------------------|--------------------------|-------------------------------|
| Treats the Landscape as a major element of the project | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Provides Landscaping of a scope and size that is in proportion to the scale of the development | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Landscape is designed so that it may be maintained in its natural shape and size | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Preserves a variety of existing native trees and shrubs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Provides for a harmonious setting for the site's structures, parking areas or other construction | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Location of existing trees and new trees provides street buffers, mitigation for parking lots, and an architectural complement that visually mitigates between parking lots and building(s) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Shrubs are selected to complement the natural setting, provide visual interest and screen less desirable elements of the project | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| A variety of species is selected for texture and color | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Provides overall order and continuity of the Landscape plan | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

| | | | | |
|--|--------------------------|--------------------------|--------------------------|--|
| Native plants or plants that have historically been prevalent on the Island are utilized | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| A variety of sizes is selected to create a “layered” appearance for visual interest and a sense of depth | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| The location of existing mature trees is taken into account in placement of shrubs so as not to damage tree roots | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Proper spacing and location for plants to reach their mature size and natural shape while avoiding excessive or unnatural pruning | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Proposed groundcovers are evergreen species with low maintenance needs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Large grassed lawn areas encompassing a major portion of the site are avoided | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| The adjacent development is taken into account in determining the most appropriate buffer so as not to depart too dramatically from the neighborhood | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Ornamentals and Annuals are limited to entrances and other focal points | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

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 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Supplemental and replacement trees meet LMO requirements for size, species and number | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Wetlands if present are avoided and the required buffers are maintained | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Sand dunes if present are not disturbed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

MISC COMMENTS/QUESTIONS

| |
|--|
| |
| |
| |
| |
| |

Fresh Market Shoppes Landscape Improvement

List of trees installed over last 2 years. Total 19 trees

#2 1 Wax Myrtle

#5 1 Wax Myrtle

#7 1 Little Gem Magnolia

#8 1 Little Gem Magnolia, 1 Wax Myrtle

#9 2 Live Oaks

#10 1 Live Oak, 1 Wax Myrtle

#12 2 Wax Myrtles

#13 3 Wax Myrtles

#14 1 Wax Myrtle

Buffer between 278 and parking lot 6 Wax Myrtles

Fresh Market Shoppes Landscape Improvement

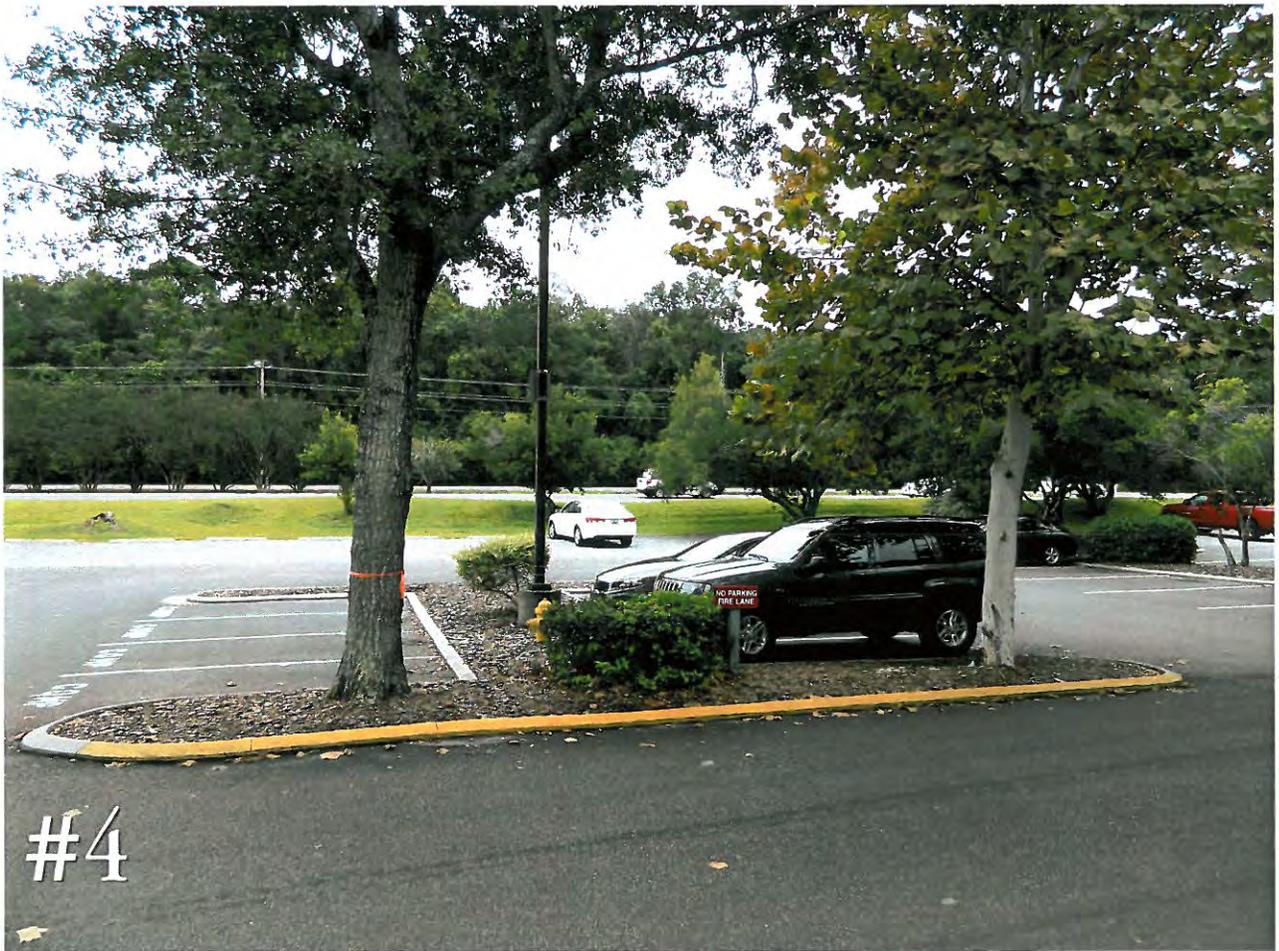
List of tree removals 40 Wax Myrtles , 3 Water Oaks

- #1 4 Wax Myrtles 4.5, 4.5, 8, 8
- #2 0
- #3 4 Wax Myrtles 4.5, 5.5, 6, 7
- #4 1 Water Oak 17
- #5 2 Water Oaks 13, 17
- #6 1 Wax Myrtle 5.5
- #7 4 Wax Myrtles 4.5, 4.5, 6, 6
- #8 2 Wax Myrtles 6, 6.5
- #9 4 Wax Myrtles 4, 6, 6, 6
- #10 5 Wax Myrtles 4.5, 5, 5, 5.5, 6
- #11 4 Wax Myrtles 5.5, 5.5, 6, 6
- #12 2 Wax Myrtles 5, 7.5
- #13 1 Wax Myrtle 5
- #14 7 Wax Myrtles 4, 5, 5, 5, 5, 6, 7
- #15 2 Wax Myrtles 6, 6.5



















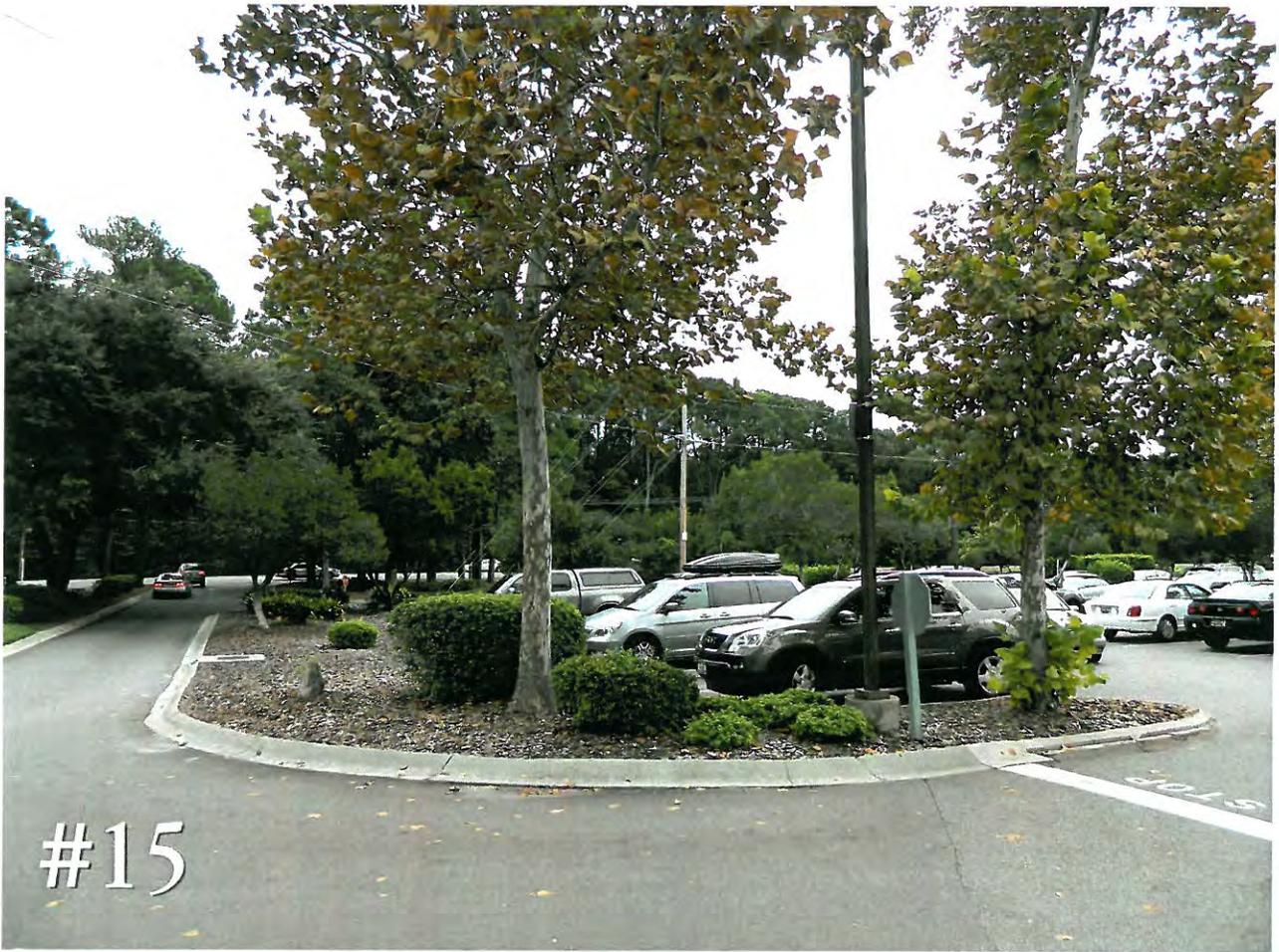




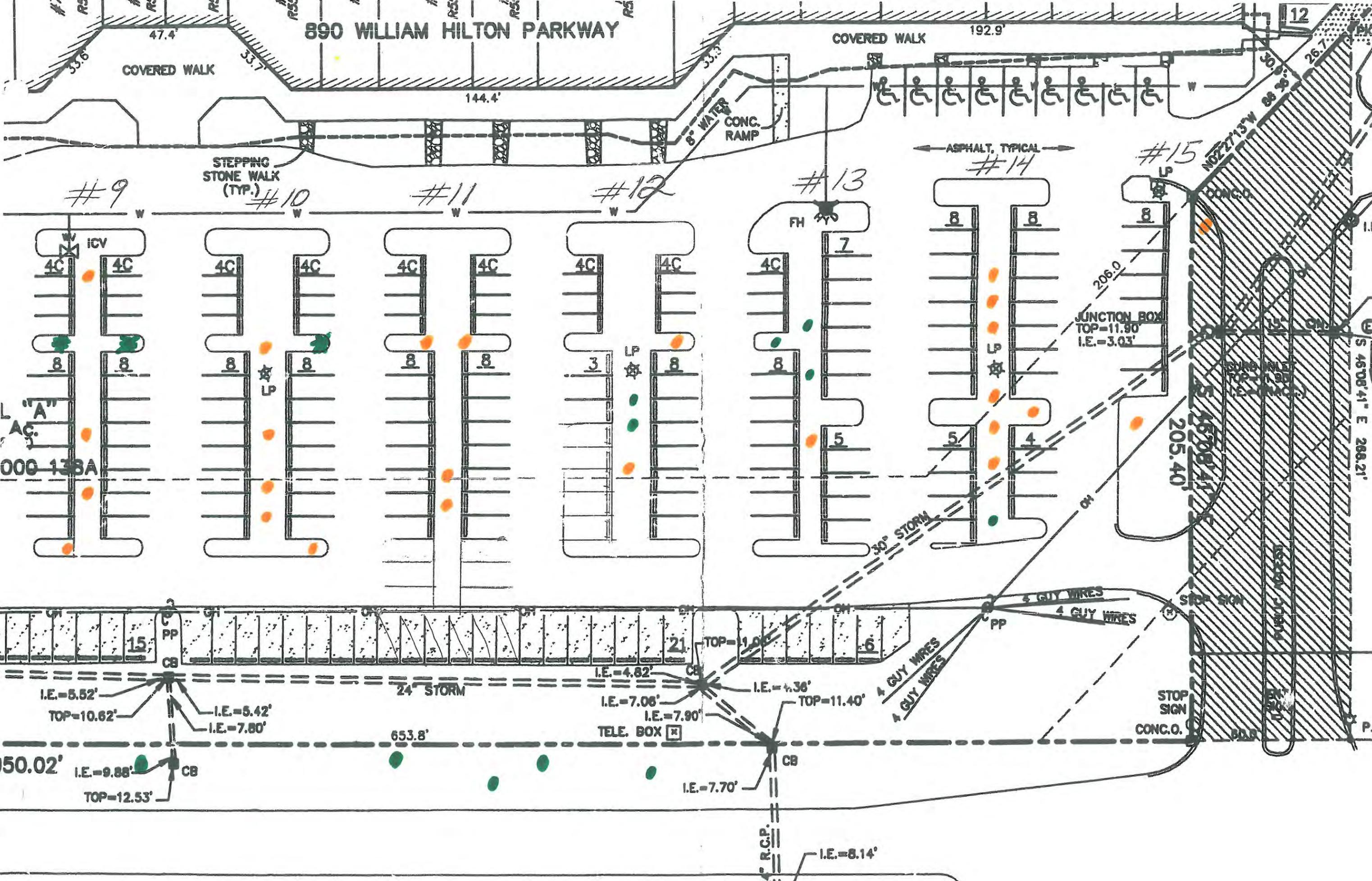




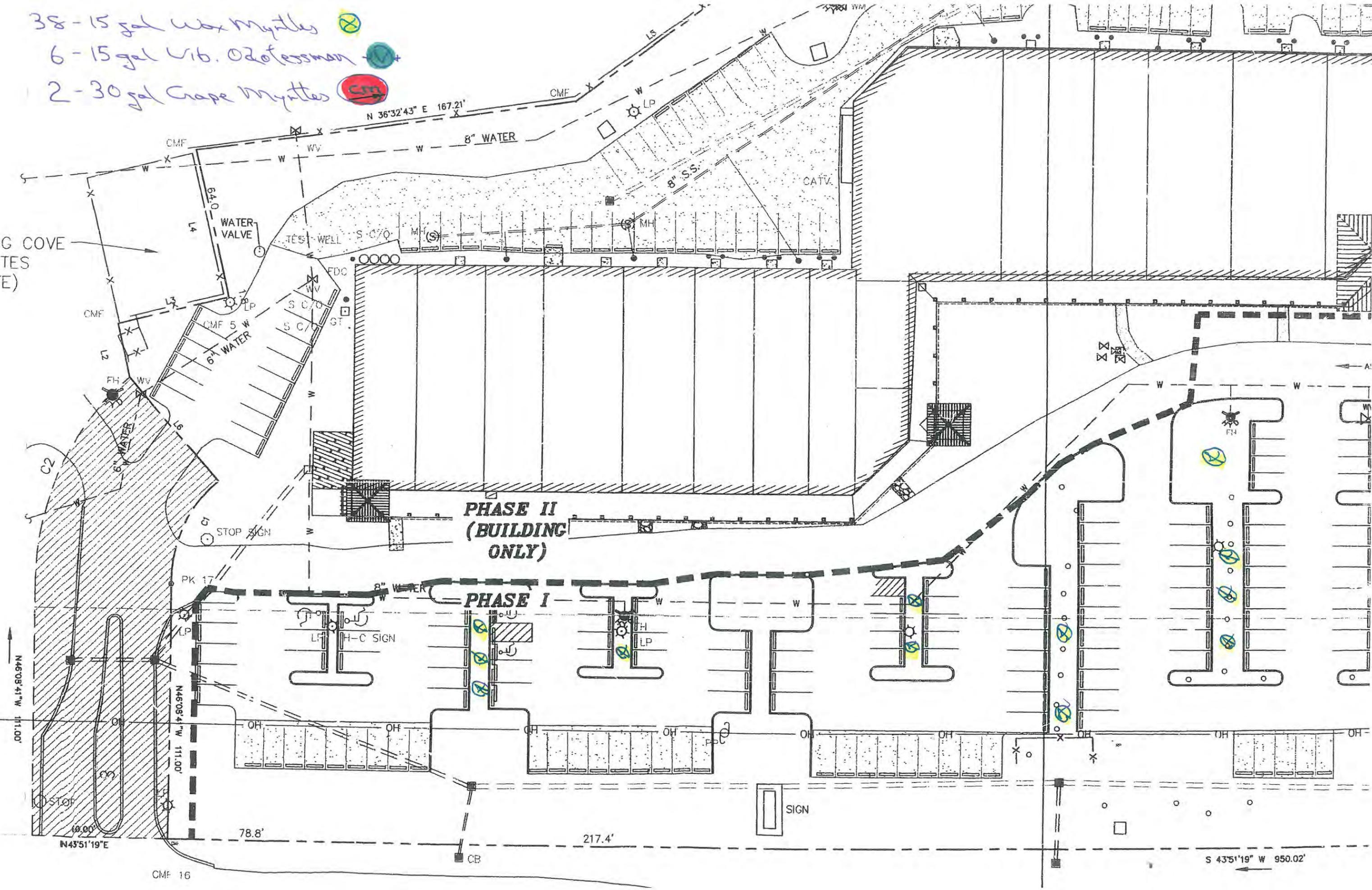




890 WILLIAM HILTON PARKWAY



38-15 gal Wax Myrtles 
 6-15 gal Vib. O2 ofessman 
 2-30 gal Grape Myrtles 



G COVE
TES
E)

**PHASE II
(BUILDING ONLY)**

PHASE I

$N 46^{\circ}08'41'' W 111.00'$

$N 46^{\circ}08'41'' W 111.00'$

$N 43^{\circ}51'19'' E$

78.8'

217.4'

$S 43^{\circ}51'19'' W 950.02'$

CMF 16

SIGN

CB

WATER VALVE

6" WATER

8" WATER

