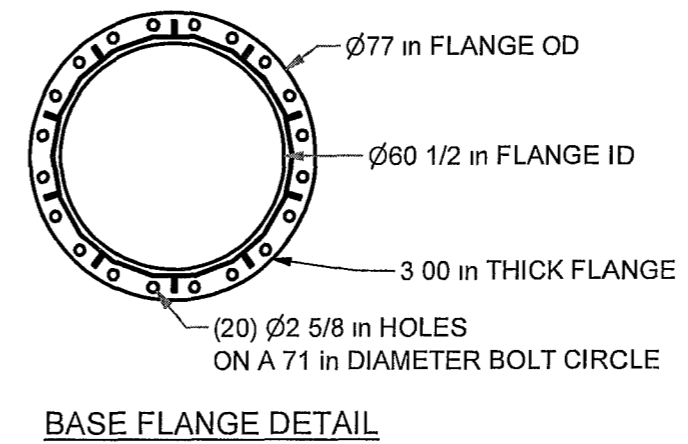
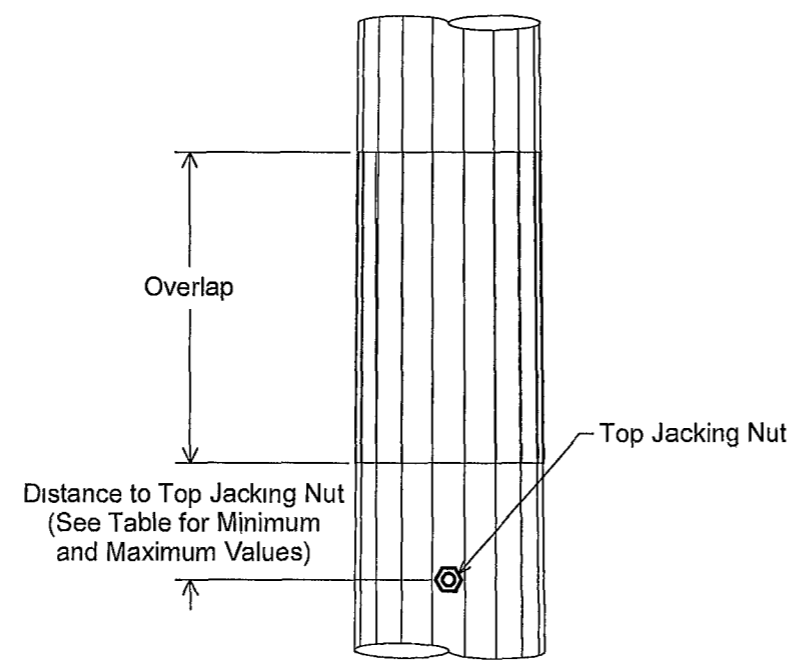
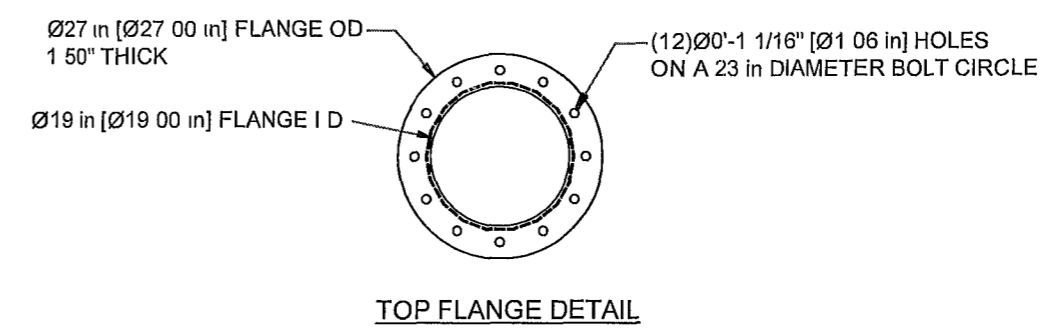
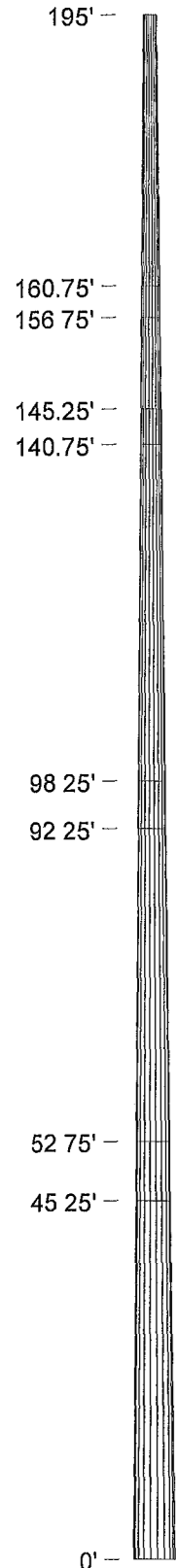


Pole Section Data

Section	Bottom Height (ft)	Top Height (ft)	Length (ft)	Number of Sides	Bottom OD (in)	Top OD (in)	Wall Thickness (in)	Material	Approximate Weight (lb)	Design Overlap (in)	Minimum Overlap (in)	Maximum Overlap (in)	Design Distance to Top Jacking Nut (in)	Maximum Distance to Top Jacking Nut (in)	Minimum Distance to Top Jacking Nut (in)
1	156.75	195	38.25	18	29.2671	20.0000	0.1875	A572-65	2190	48	43 1/8	52 13/16	15	19 7/8	10 3/16
2	140.75	160.75	20	18	32.5811	27.7355	0.2500	A572-65	1760	54	48 1/16	59 3/8	15	20 15/16	9 5/8
3	92.25	145.25	53	18	43.6440	30.8033	0.3125	A572-65	7200	72	64 1/2	79 3/16	15	22 1/2	7 13/16
4	45.25	98.25	53	18	54.2185	41.3778	0.3750	A572-65	11100	90	80 3/16	99	15	24 13/16	6
5	0	52.75	52.75	18	64.2441	51.4640	0.4375	A572-65	17280			0			



Tower Reactions

No Ice
Shear 46.3 kips
Moment 6414.9 ft-kips
Weight 68.1 kips

A jacking nut is placed near the top of each section which will have another section placed on top. The distance from this nut to the bottom of the next section must not exceed the value given in the column labeled "Maximum Distance to Top Jacking Nut."

Pole Splice Detail

JASON MARK LAMBERT
LICENSE
No. 73570
STATE OF FLORIDA
PROFESSIONAL ENGINEER
COA# F08000004461 MAR 03 2014

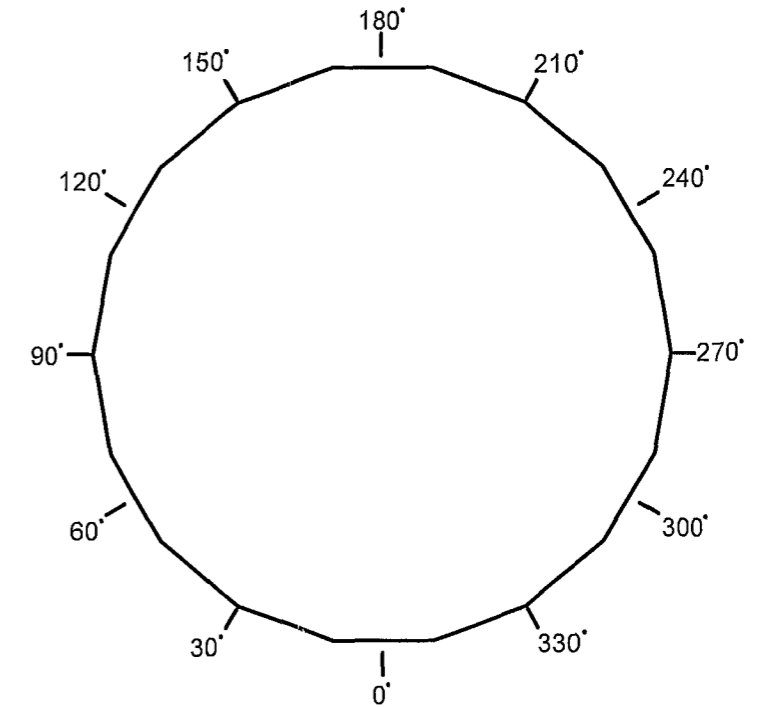
TITLE American Tower NTP 64" X 195' Ft White West FL - 282213 Columbia Co, FL	 211 W Washington St., Suite 2000 South Bend, IN 46601-1705 Bus (574)288-3632 Fax: (574)288-5860
---	---

REV	BY	DATE	DESCRIPTION
1	NAL	3/3/2014	Revised Anchor Bolt per Foundation Requirement per ECO4834

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		DWG PROG v2.05	SHEET 1 OF 4

Portholes

Elevation (ft)	Qty	Size (in)	Azimuth (deg)
192	3	8 x 18	60, 180, 300
182	3	8 x 18	60, 180, 300
172	3	8 x 18	60, 180, 300
168	3	8 x 18	60, 180, 300
7.5	1	10 x 30	0
7.5	1	10 x 30	90
7.5	1	10 x 30	180
7.5	1	10 x 30	270



Step Bolts on This Side of Pole

Note
The azimuths referenced here are only to illustrate where the pole features are in relation to each other. The azimuths are not to indicate which cardinal direction the anchor bolts or the pole should be positioned.

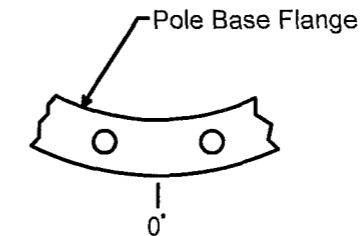
Pole Reference Azimuths

Antenna Loading

Height	Qty	Description
195'	1	80 sq.ft
185'	1	80 sq ft
175'	1	80 sq ft.
165'	1	80 sq ft

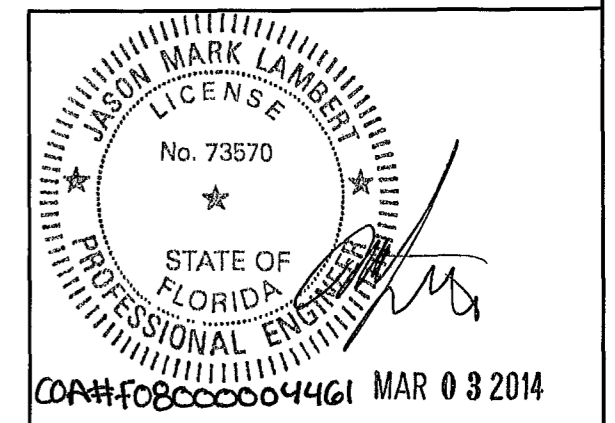
Feedline Loading

Height	Qty.	Description
0' - 195'	18	LDF7-50A (1-5/8 FOAM)
0' - 185'	18	LDF7-50A (1-5/8 FOAM)
0' - 175'	18	LDF7-50A (1-5/8 FOAM)
0' - 165'	18	LDF7-50A (1-5/8 FOAM)



Anchor Bolt Holes Are on Either Side of the 0 Degree Azimuth

Anchor Bolt Azimuth



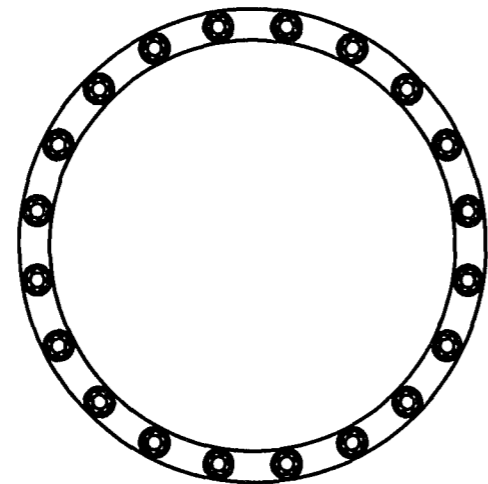
TITLE
American Tower
NTP 64" X 195'
Ft White West FL - 282213
Columbia Co , FL

NELLO CORPORATION
211 W Washington St.,
Suite 2000
South Bend, IN 46601-1705
Bus (574)288-3632
Fax: (574)288-5860

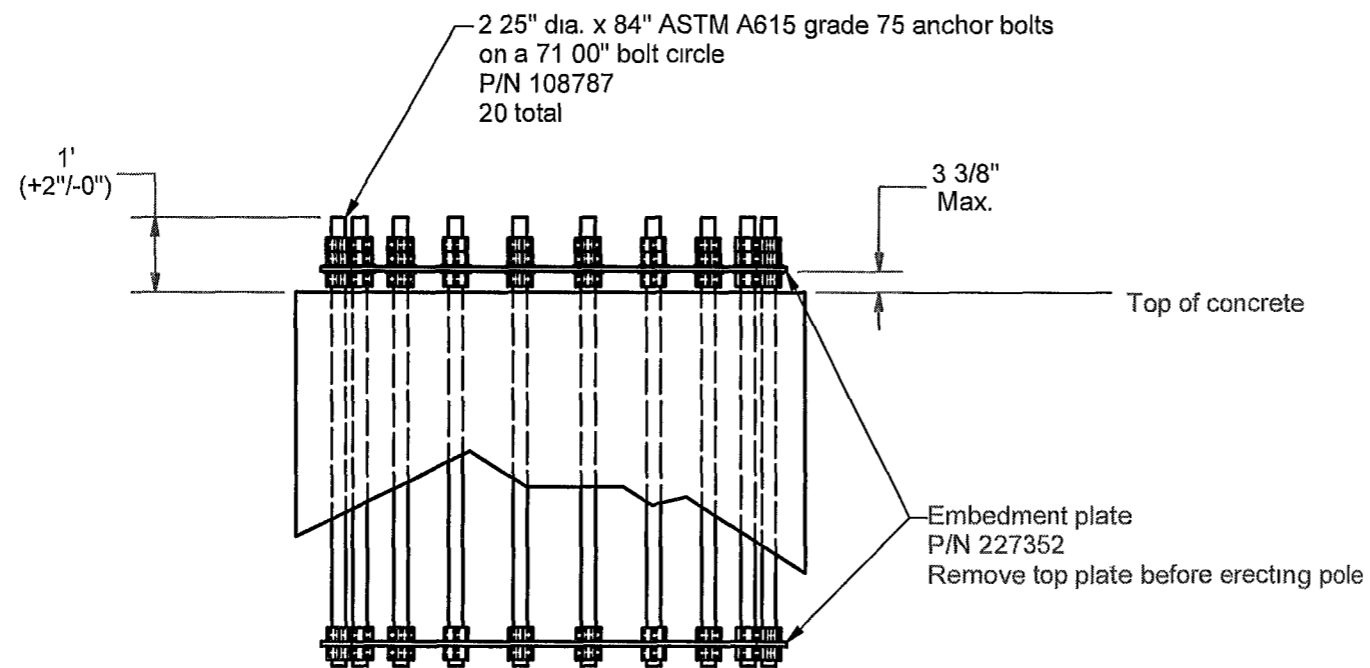
REV	BY	DATE	DESCRIPTION
1	NAL	3/3/2014	Revised Anchor Bolt per Foundation Requirement per ECO4834

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ORIG DATE.	2/21/2014	DWG NO	227349
DWG PROG	v2.05	SHEET	2 OF 4



PLAN VIEW



ANCHOR BOLT DETAIL

COA# F08000004461 MAR 03 2014

TITLE American Tower NTP 64" X 195' Ft White West FL - 282213 Columbia Co , FL	 NELLO CORPORATION 211 W Washington St., Suite 2000 South Bend, IN 46601-1705 Bus (574)288-3632 Fax. (574)288-5860
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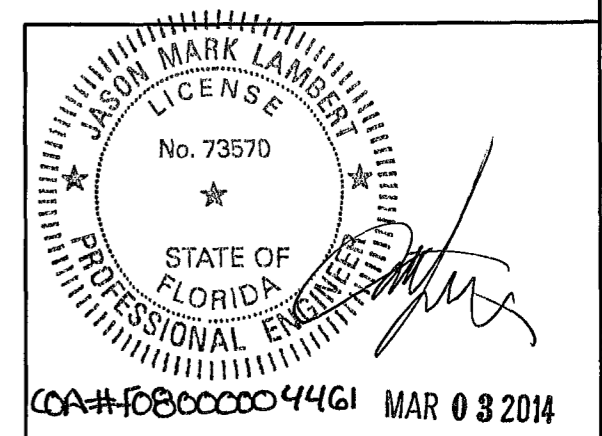
REV	BY	DATE	DESCRIPTION
1	NAL	3/3/2014	Revised Anchor Bolt per Foundation Requirement per ECO4834


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ORIG DATE	2/21/2014	DWG NO	227349
DWG PROG	v2 05	SHEET	3 OF 4

Tower Notes:

1. Tower is designed per TIA-222-G, "Structural Standard for Antenna Supporting Structures and Antennas," for the following loading conditions
 105 mph 3-second gust basic wind speed with no ice (Equivalent to 135 mph 3-second gust ultimate design wind speed)
 Structure Class II
 Exposure Category: C
 Topographic Category: 1
2. Tower is designed per the 2010 Florida Building Code for the following loading conditions
 105 mph 3-second gust basic wind speed with no ice for risk category II
3. Tower design loading is assumed to be based on site-specific data and must be verified by others prior to installation
4. Tower design includes the antennas, dishes, and/or lines listed in the appurtenance loading tables on sheet 2.
5. Antenna mounting pipes may need to be field cut to match the lengths listed in the appurtenance loading tables on sheet 2
6. Tower member design does not include stresses due to erection since erection equipment and procedures are unknown. Tower installation shall be performed by competent and qualified erectors in accordance with TIA-222-G and OSHA standards and all applicable building codes.
7. Field connections shall be bolted. No field welds shall be allowed unless otherwise noted.
8. Structural bolts shall conform to ASTM A325, except for 1/2 inch diameter and smaller bolts, which shall conform to ASTM A449 or SAE J429 Grade 5
9. Structural steel and connection bolts shall be galvanized after fabrication in accordance with TIA-222-G
10. All high strength bolts shall be tightened to a "snug tight" condition as defined in the November 13, 1985, AISC "Specification for Structural Joints Using ASTM A325 or A490 Bolts "
11. Tower shall be marked and lighted in conformance with local building codes, FAA regulations, and TIA-222-G.
12. Tower shall be grounded in conformance with local building codes and TIA-222-G.
13. Allowable tolerance on as-built tower steel height is plus 1% or minus 1/2%
14. Maintenance and inspection shall be performed over the life of the structure in accordance with TIA-222-G
15. Material specifications:
 NTP 18-Sided Pole - ASTM A572 Grade 65
 Pole Flange - ASTM A572 Grade 50
 Pole Porthole Rim - ASTM A572 Grade 65
16. A jacking nut is placed near the top of each section which will have another section placed on top. The distance from this top jacking nut to the bottom of the next section must not exceed the value given in the column labeled "Maximum Distance to Top Jacking Nut ". Jacking may be required to achieve the proper overlap
17. The horizontal distance between the vertical centerlines at any two elevations shall not exceed 0.25 percent of the vertical distance between the two elevations. Measure early in the morning before the sunward side of the pole expands
18. Sections must be erected with the 0 degree azimuth lined up to ensure proper fit.
19. Remove anchor bolt template before erecting pole. Non-shrink grout may be placed under base flange after leveling pole. Drain holes must be provided if grouting
20. Concrete contractor shall be responsible for properly aligning anchor bolts and materials before and after placing concrete, regardless of whether an anchor bolt template is provided
21. All material that does not fall within an ASTM specification meets the requirements of ANSI/TIA-222-G section 5.4.2 Non Pre-Qualified Steel

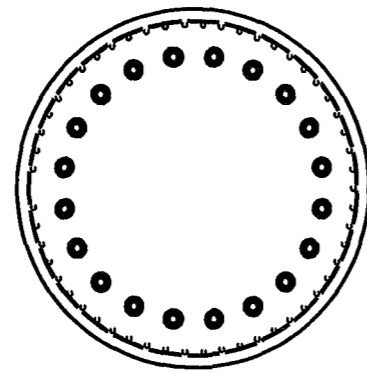


TITLE American Tower NTP 64" X 195' Ft White West FL - 282213 Columbia Co , FL	 NELLO CORPORATION 211 W Washington St , Suite 2000 South Bend, IN 46601-1705 Bus (574)288-3632 Fax (574)288-5860
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REV	BY	DATE	DESCRIPTION
1	NAL	3/3/2014	Revised Anchor Bolt per Foundation Requirement per ECO4834

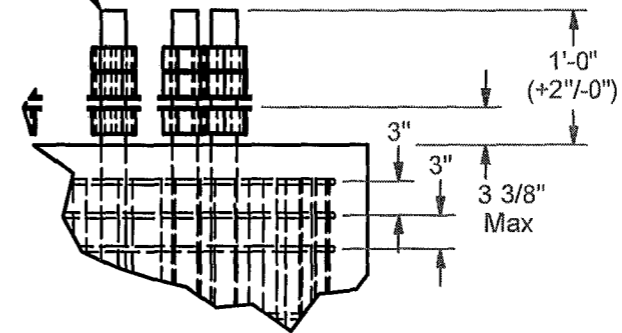
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ORIG DATE	2/21/2014	DWG NO	227349
DWG PROG	v2 05	SHEET	4 OF 4



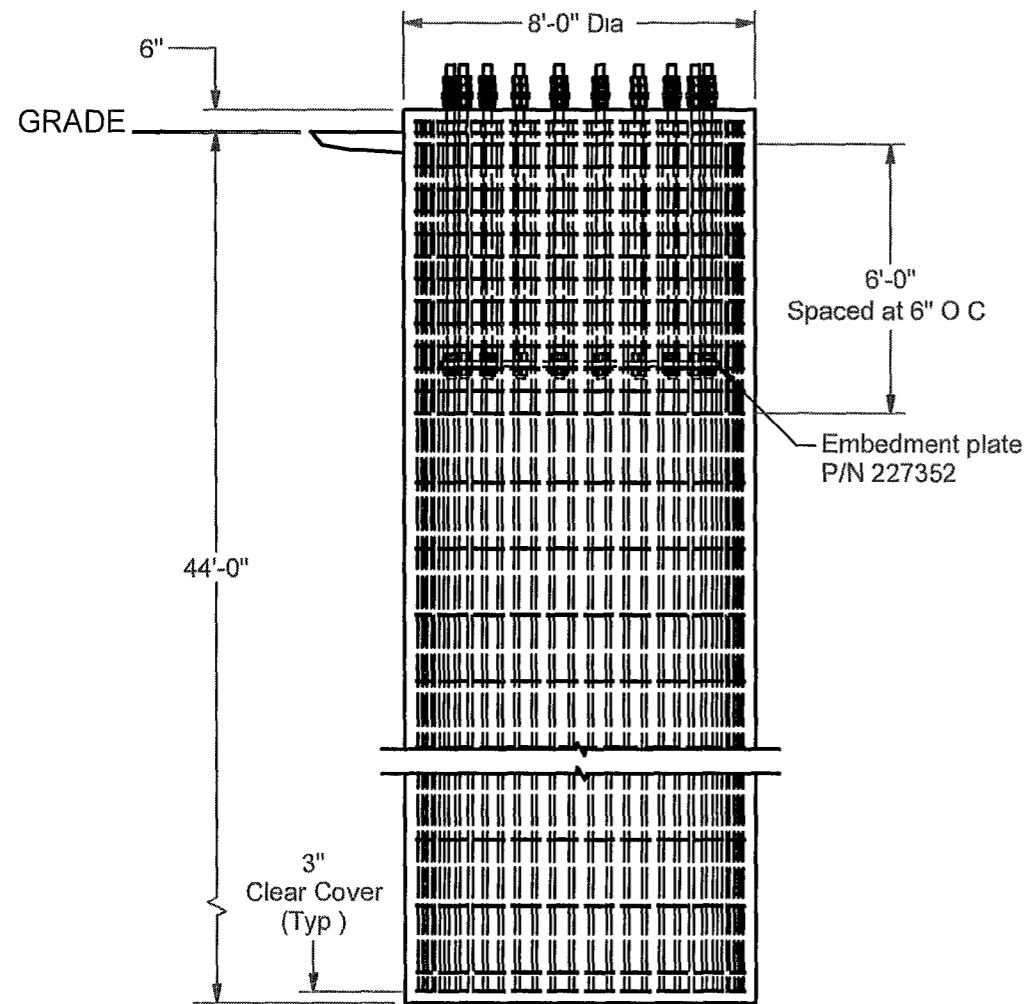
PLAN VIEW

2 25" dia x 84" ASTM A615
grade 75 anchor bolts,
P/N 108787
20 total

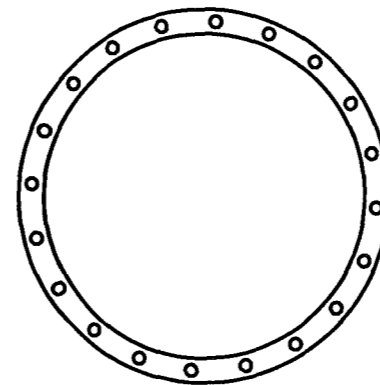


DETAIL ANCHOR BOLT DETAIL

324
352



MID-SECTION VIEW
DRILLED PIER FOUNDATION
(CONCRETE VOLUME: 82.8 CU. YD. TOTAL)

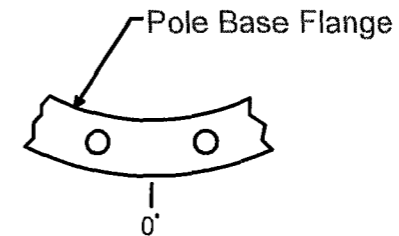


EMBEDMENT PLATE DETAIL

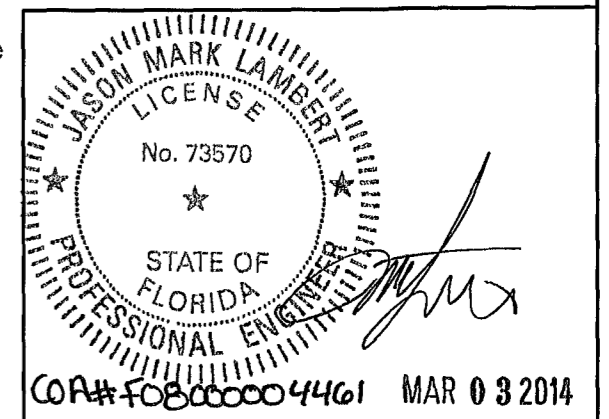
76 in EMBEDMENT PLATE O.D.
(20) 2-5/16" HOLES
ON A 71 in DIAMETER BOLT CIRCLE
66 in EMBEDMENT PLATE I.D.

#10 Reinforcing bars,
528" long
Equally spaced around inside of ties
54 Total

#4 Reinforcing ties,
296 2" long before being bent into circle with
90 00" outer diameter and 15 00" overlap
Top 3 ties spaced at 3"
Next 12 ties spaced at 6"
Bottom 2 ties spaced at 5"
Remainder of ties equally spaced at 17 75"
41 Total



Anchor Bolt Azimuth



TITLE	American Tower	 NELCO CORPORATION 211 W Washington St Suite 2000 South Bend, IN 46601-1705 Bus (574)288-3632 Fax: (574)288-5860
	NTP 64" x 195' Ft White West FL - 282213 Columbia Co, FL	

REV	BY	DATE	DESCRIPTION

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	DWG PROG v2.1	SHEET 1 OF 2

Foundation Notes

1. This foundation has been designed for the following reactions.

Shear: 46.3 kips
 Moment: 6414.9 ft-kips
 Weight: 68 1 kips

2. Foundation designed per geotechnical report dated 01/28/2014, by EGSci Consulting, Inc., project number 10579344 Fort White West

3 A field inspection shall be performed in order to verify that the actual site soil parameters meet or exceed the assumed soil parameters and that the depth of standard foundations are adequate based on the frost penetration and groundwater depth. Local frost depth must be no deeper than the bottom of the base foundation.

4 Reinforcement shall be deformed and conform to the requirements of ASTM A615 Grade 60 unless otherwise noted Splices in reinforcement shall not be allowed unless otherwise noted.

5 Welding is prohibited on reinforcing steel and anchorage.

6 Structural backfill must be compacted in 8" loose lifts to a 98% of maximum dry density at optimum moisture content in accordance with ASTM D698. Backfill must be clean and free of organic and frozen soils and foreign materials Fill should be compacted at water content within 2 percent of optimum.

7 Foundation designs assume level ground at tower site

8 Loose material shall be removed from bottom of excavation prior to concrete placement

9. Concrete cover from exposed surface of concrete to surface of reinforcement shall not be less than 3"

10 Concrete and reinforcement installation must conform to ACI 318, "Building Code Requirements for Structural Concrete "

11 Concrete shall develop a minimum compressive strength of 4000 psi in 28 days.

12 Concrete shall be placed as soon as practical after excavating to avoid disturbance of bearing and side wall surfaces.

13 Concrete contractor shall be responsible for properly aligning anchor bolts and materials before and after placing concrete, regardless of whether an anchor bolt template is provided.

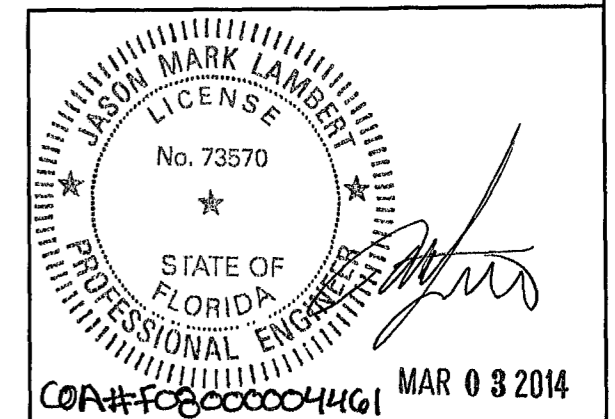
14. Positive drainage shall be maintained during construction and throughout the life of the facility to minimize the potential for surface water infiltration


15 It shall be the contractor's responsibility to locate and prevent damage to any existing underground utilities, foundations or other buried objects that might be damaged or interfered with during construction of the foundation

16 Groundwater was encountered at 38.5 feet bgs during the geotechnical investigation. Dewatering techniques should be anticipated below this depth

17 Temporary steel casing or drilling slurry may be required for installation of the drilled piers Permanent casing on drilled piers may not be used.

18 Concrete shall be placed by tremie methods if there is more than 1 inch of water or drilling fluid at the bottom of the shaft excavation or if water infiltration exceeds a rise of 1/4" per minute



TITLE American Tower NTP 64" x 195' Ft White West FL - 282213 Columbia Co , FL		 NELLO CORPORATION 211 W Washington St., Suite 2000 South Bend, IN 46601-1705 Bus (574)288-3632 Fax: (574)288-5860
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REV	BY	DATE	DESCRIPTION

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	DWG PROG v2.1	SHEET 2 OF 2



SITE NAME:

**FORT WHITE WEST
ATC SITE #282213**

PROJECT TYPE:

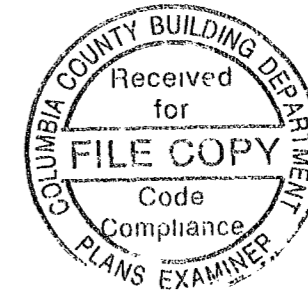
**INSTALL NEW MONOPOLE TOWER, FENCED COMPOUND,
UTILITY PAD MOUNT TRANSFORMER AND MULTI TENANT H-FRAME**

FA NUMBER:

10579344

PROJECT LOCATION:

**338 SW LENOX GLEN
FORT WHITE, FL 32038 (29° 57' 12.96", -82° 45' 11.31")**



PRINTED
APR 15 2014

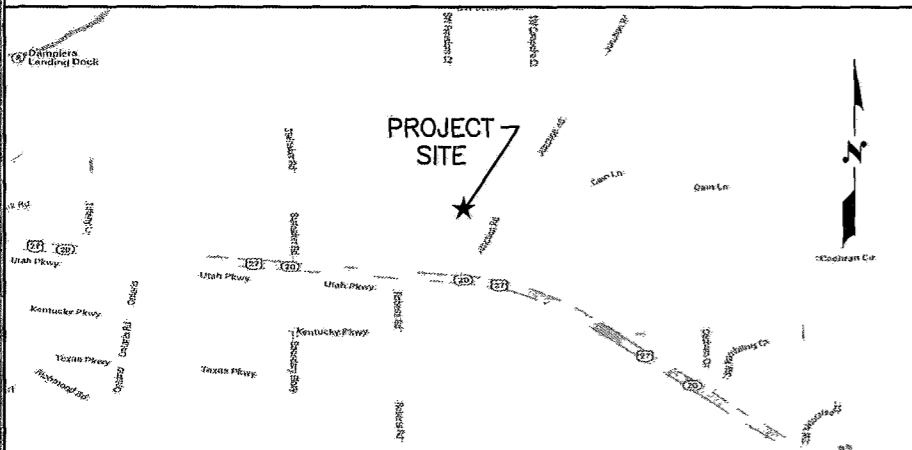
MORRISON HERSHFIELD CORP

ROBERT JERRY LARA
REGISTERED ARCHITECT
STATE OF FLORIDA
AR92824

VICINITY MAP

SCOPE OF WORK

SITE INFORMATION



1 INSTALL NEW MONOPOLE TOWER, FENCED COMPOUND AND MULTI TENANT H-FRAME

1. JURISDICTION COLUMBIA COUNTY
2. PARCEL # 19-6S-16-03869-105
3. ZONING AGRICULTURAL/ AG3
4. FLUD AG3
5. LATITUDE 29° 57' 12.96" N (29 954115)
6. LONGITUDE -82° 45' 11.31" W (-82 7533449)

LIST OF DRAWINGS

CONTACT INFORMATION

	ISSUE
G-1 COVER SHEET	0
G-2 GENERAL NOTES, ABBREVIATIONS AND PROJECT INFORMATION	0
SURVEY	
SURVEY (BY BRUNNER HAGEN DATED 11/25/13)	
ARCHITECTURAL	
A-1 SITE PLAN	0
A-2 COMPOUND PLAN	0
A-3 TOWER ELEVATION AND DETAILS	0
A-4 SIGNAGE DETAIL	0
A-5 FENCE DETAILS	0
A-6 DETAILS	0
ELECTRICAL	
E-1 ELECTRICAL NOTES, LEGEND AND ABBREVIATIONS	0
E-2 ELECTRICAL PLAN AND RISER DIAGRAM	0
E-3 OVERALL SITE ELECTRICAL PLAN	0
E-4 GROUNDING PLAN AND NOTES	0
E-5 DETAILS	0

PROPERTY OWNER WAYNE. N DESMARAIS
265 SW LENOX GLEN
FT WHITE, FL 32038

TOWER OWNER AMERICAN TOWER CORP
750 PARK OF COMMERCE BLVD SUITE 300
BOCA RATON, FL 33487
PHONE 561-995-0320

PROJECT MANAGER MELISSA ALLEN, SMARTLINK LLC
1997 ANNAPOLIS EXCHANGE BLVD SUITE 200
ANNAPOLIS, MD 21401
PHONE 813-643-9638

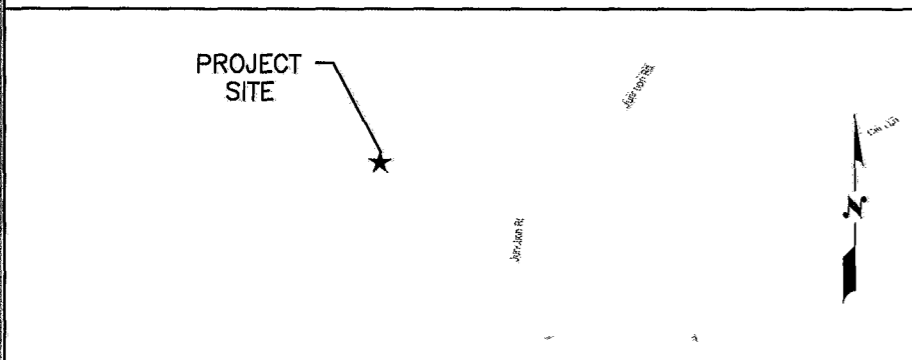
APPLICANT SAMANTHA SMITH (ss201g@att.com) 407-942-8657

CONSTRUCTION MANAGER MASTEC
DANNY MABRY (Danny.Mabry@mastec.com) 770-653-5257

CONSULTING REPRESENTATIVE CURTIS MILLER
MORRISON HERSHFIELD CORPORATION
(941) 320-6843

ARCHITECT OF RECORD ROBERT JERRY LARA
REGISTERED ARCHITECT FL LIC # 92824
MORRISON HERSHFIELD CORPORATION
(954) 577-4655

LOCATION SKETCH



DRIVING DIRECTIONS

FROM OFFICE 750 PARK OF COMMERCE BLVD. SUITE 300 BOCA RATON, FL. 33487:
HEAD WEST ON NW 186TH ST TOWARD W OKEECHOBEE RD. TURN LEFT ONTO US-27 S/N
OKEECHOBEE RD. TURN LEFT TO MERGE ONTO FL-821 N. MERGE ONTO FL-821 N. KEEP
RIGHT AT THE FORK, FOLLOW SIGNS FOR ORLANDO/FLORIDA'S TURNPIKE N AND MERGE
ONTO FLORIDA'S TURNPIKE MERGE ONTO I-75 N TAKE EXIT 399 FOR US-441 TOWARD
ALACHUA/HIGH SPRINGS KEEP RIGHT AT THE FORK, FOLLOW SIGNS FOR HIGH SPGS AND
MERGE ONTO FL-20 W/US-441 N/M L KING BLVD. MERGE ONTO FL-20 W/US-441 N/M
L KING BLVD TURN LEFT ONTO FL-20 W/NE 1ST AVE TURN RIGHT ONTO JUNCTION RD.
TURN LEFT

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT CONDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES

- FLORIDA BUILDING CODE 2010 WIND DESIGN CRITERIA.
A. ASCE 7-10 BASIC WIND SPEED= 122 MPH RISK CATEGORY= II EXPOSURE= C
- ANSI/EIA/TIA-222-G (ALLOWED PER EXEMPTION #5 OF 1809 1, FBC 2010)
BASIC WIND SPEED= 95 MPH OCCUPANCY CATEGORY= II EXPOSURE= C IMPORTANCE FACTOR= 1.0
- FLORIDA FIRE PREVENTION CODE- 2010
- NATIONAL ELECTRICAL CODE (NFPA 70-2008)
- CITY AND/OR COUNTY ORDINANCES

APPROVALS

APPROVED BY:			

2	.	.
1	.	.
O	04/10/14	ISSUED FOR PERMIT
B	03/25/14	CLIENT REVIEW
A	03/12/14	CLIENT REVIEW
No.	Date	Action

Client:

American Tower Corp.
750 Park of Commerce Blvd Suite 300
Boca Raton FL 33487
Phone: 561-995-0320
www.americantower.com

1997 ANNAPOLIS EXCHANGE PKWY SUITE 200
ANNAPOLIS MD 21401

Consultant:

MORRISON HERSHFIELD
Two South University Drive, Suite 245,
Plantation FL 33324
Tel: 954.577.4655 Fax: 954.577.4656
STATE OF FLORIDA CO# 00008508
www.morrisonhershfield.com

Project:

**FORT WHITE WEST
10579344
338 SW LENOX GLEN
FORT WHITE, FL 32038**

Drawing Title:

COMPOUND PLAN

Project No 7130037	Date: 03/08/14
Designer: LB	Checked By: LB
Drawn By: DML/AR	Client Approval
PM Review: CM	Issue No 0
Issue No 0	Drawing No. G-1

V:\Project\713 Series\7130037 AT&T Park\Drawings\7130037_FORT WHITE WEST CO'S REV 0 RAW\AND_041414.dwg 04/15/2014 8:07pm dfrice

GENERAL NOTES

WORK SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, AND REGULATIONS ALL NECESSARY LICENSES, CERTIFICATES, ETC., REQUIRED BY AUTHORITY HAVING JURISDICTION SHALL BE PROCURED AND PAID FOR BY THE CONTRACTOR

MORRISON HERSHFIELD CORPORATION HAS NOT CONDUCTED, NOR DOES IT INTEND TO CONDUCT ANY INVESTIGATION AS TO THE PRESENCE OF HAZARDOUS MATERIAL, INCLUDING, BUT NOT LIMITED TO, ASBESTOS WITHIN THE CONFINES OF THIS PROJECT MORRISON HERSHFIELD CORPORATION DOES NOT ACCEPT RESPONSIBILITY FOR THE INDEMNIFICATION, THE REMOVAL, OR ANY EFFECTS FROM THE PRESENCE OF THESE MATERIALS IF EVIDENCE OF HAZARDOUS MATERIALS IS FOUND, WORK IS TO BE SUSPENDED AND THE OWNER NOTIFIED THE CONTRACTOR IS NOT TO PROCEED WITH FURTHER WORK UNTIL INSTRUCTED BY THE OWNER IN WRITING

ALL MATERIAL FURNISHED UNDER THIS CONTRACT SHALL BE NEW, UNLESS OTHERWISE NOTED ALL WORK SHALL BE GUARANTEED AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP THE CONTRACTOR SHALL REPAIR OR REPLACE AT HIS EXPENSE ALL WORK THAT MAY DEVELOP DEFECTS IN MATERIALS OR WORKMANSHIP WITHIN SAID PERIOD OF TIME OR FOR ONE YEAR AFTER THE FINAL ACCEPTANCE OF THE ENTIRE PROJECT, WHICHEVER IS GREATER

THE GENERAL CONTRACTOR AND EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AND UTILITIES AT THE JOB SITE BEFORE WORK IS STARTED NO CLAIMS FOR EXTRA COMPENSATION FOR WORK WHICH COULD HAVE BEEN FORESEEN BY AN INSPECTION, WHETHER SHOWN ON THE CONTRACT DOCUMENTS OR NOT, WILL BE ACCEPTED OR PAID

THE GENERAL CONTRACTOR AND EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING DIMENSIONS AND CONDITIONS AT THE JOB SITE WHICH COULD AFFECT THE WORK UNDER THIS CONTRACT. ALL MANUFACTURERS RECOMMENDED SPECIFICATIONS, EXCEPT THOSE SPECIFICATIONS HEREIN, WHERE MOST STRINGENT SHALL BE COMPLIED WITH

THE CONTRACTOR SHALL VERIFY AND COORDINATE SIZE AND LOCATION OF ALL OPENINGS FOR STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL, OR ARCHITECTURAL WORK

THE CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST BETWEEN THE LOCATIONS OF ANY AND ALL MECHANICAL, ELECTRICAL, PLUMBING, OR STRUCTURAL ELEMENTS, AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE ARE MET NOTIFY THE CONSULTANT OF ANY CONFLICTS THE CONSULTANT HAS THE RIGHT TO MAKE MINOR MODIFICATIONS IN THE DESIGN OF THE CONTRACT WITHOUT THE CONTRACTOR GETTING ADDITIONAL COMPENSATION

DO NOT SCALE THE DRAWINGS DIMENSIONS ARE EITHER TO THE FACE OF FINISHED ELEMENTS OR TO THE CENTER LINE OF ELEMENTS, UNLESS NOTED OTHERWISE CRITICAL DIMENSIONS SHALL BE VERIFIED WITH THE CONSULTANT

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEAN UP OF ALL TRADES AND REMOVE ALL DEBRIS FROM THE CONSTRUCTION SITE AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE BUILDING, SITE, AND ANY OTHER SURROUNDING AREAS TO A BETTER THAN NEW CONDITION

THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, ETC ACCORDING TO APPLICABLE CODES, STANDARDS, AND GOOD CONSTRUCTION PRACTICES

THE CONTRACTOR SHALL MEET ALL OSHA REQUIREMENTS FOR ALL INSTALLATIONS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING CONSTRUCTION AND REPAIR ALL DAMAGES TO BETTER THAN NEW CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DAMAGE TO THE BUILDING SITE OR ANY ADJACENT STRUCTURES AROUND THE PROJECT THE CONSULTANT SHALL BE SOLE AND FINAL JUDGE AS TO THE QUALITY OF THE REPAIRED CONSTRUCTION ANY ADDITIONAL MODIFICATIONS WHICH MUST BE MADE SHALL BE MADE AT THE CONTRACTOR'S EXPENSE

WHERE ONE DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS, EVEN THOUGH NOT SPECIFICALLY MARKED ON THE DRAWINGS OR REFERRED TO IN THE SPECIFICATIONS, UNLESS NOTED OTHERWISE

WHERE NEW PAVING, CONCRETE SIDEWALKS OR PATHS MEET EXISTING CONSTRUCTION, THE CONTRACTOR SHALL MATCH THE EXISTING PITCH, GRADE, AND ELEVATION SO THE ENTIRE STRUCTURE SHALL HAVE A SMOOTH TRANSITION

THE CONTRACTOR SHALL MODIFY THE EXISTING FLOORS, WALL, CEILING, OR OTHER CONSTRUCTION AS REQUIRED TO GAIN ACCESS TO AREAS FOR ALL MECHANICAL, PLUMBING, ELECTRICAL, OR STRUCTURAL MODIFICATIONS WHERE THE EXISTING CONSTRUCTION DOORS, PARTITIONS, CEILING, ETC., ARE TO BE REMOVED, MODIFIED, OR REARRANGED OR WHERE THE EXPOSED OR HIDDEN MECHANICAL, ELECTRICAL, SYSTEMS ARE ADDED OR MODIFIED, THE GENERAL CONTRACTOR SHALL REPAIR, PATCH AND MATCH ALL EXISTING CONSTRUCTION AND FINISHES OF ALL FLOORS WALLS AND CEILINGS WHERE CONCRETE MASONRY CONSTRUCTION IS MODIFIED, THE CONTRACTOR SHALL TOOTH IN ALL NEW CONSTRUCTION TO MATCH THE EXISTING BOND WHERE CONCRETE CONSTRUCTION IS MODIFIED, THE CONTRACTOR SHALL VERIFY THE EXACT DETAILS TO BE USED FOR CONSTRUCTION ALL WORK SHALL BE COVERED UNDER THE GENERAL CONTRACT

- 16 VERIFY ALL EXISTING DIMENSIONS PRIOR TO PERFORMING WORK
- 17 VERIFY LOCATION OF ALL BURIED UTILITIES PRIOR TO ANY EXCAVATION
- 18 IN RAWLAND CONDITIONS, TOWER FOUNDATION STRUCTURAL STEEL TO BE GROUNDED PRIOR TO CONCRETE POUR TOWER FOUNDATION STRUCTURAL STEEL TO BE CONNECTED TO PERMANENT GROUND ROD PRIOR TO TOWER ERECTION TOWER GROUND MUST BE MAINTAINED AT ALL TIMES COORDINATE REQUIREMENTS WITH
- 19 THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR COMMERCIAL POWER IMMEDIATELY UPON AWARD OF CONTRACT THE GENERAL CONTRACTOR IS REQUIRED TO KEEP ALL DOCUMENTATION RECEIVED FROM THE POWER COMPANY, ACKNOWLEDGING APPLICATION FOR POWER, WRITTEN AND VERBAL DISCUSSIONS WITH THE POWER COMPANY, ETC.
- 20 THE GENERAL CONTRACTOR SHALL OBTAIN WRITTEN CONFIRMATION OF THE EXPECTED DATE OF COMPLETION OF THE POWER CONNECTION FROM THE POWER COMPANY
- 21. IF THE POWER COMPANY IS UNABLE TO PROVIDE THE POWER CONNECTION BY OWNER'S REQUIRED DATE, THE GENERAL CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY GENERATOR UNTIL THE POWER COMPANY CONNECTION IS COMPLETED COSTS ASSOCIATED WITH THE TEMPORARY GENERATOR TO BE APPROVED BY THE OWNER
- 22 IF THE GENERAL CONTRACTOR FAILS TO TAKE NECESSARY MEASURES AS DESCRIBED IN NOTES 19, 20 AND 21 ABOVE, THE GENERAL CONTRACTOR SHALL PROVIDE A TEMPORARY GENERATOR AT NO COST TO THE OWNER
- 23 PLANS PART OF THIS SET ARE COMPLEMENTARY INFORMATION IS NOT LIMITED TO ONE PLAN DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT, WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT THEY ARE NOT TO BE USED BY THE OWNER ON OTHER PROJECTS OR EXTENSION TO THIS PROJECT EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT THESE PLANS WERE PREPARED TO BE SUBMITTED TO GOVERNMENTAL BUILDING AUTHORITIES FOR REVIEW FOR COMPLIANCE WITH APPLICABLE CODES AND IT IS THE SOLE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO BUILD ACCORDING TO APPLICABLE BUILDING CODES
- 24 IF CONTRACTOR OR SUB-CONTRACTOR FIND IT NECESSARY TO DEVIATE FROM ORIGINAL APPROVED PLANS, THEN IT IS THE CONTRACTOR'S AND THE SUB-CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE ARCHITECT AND TOWER OWNER WITH 4 COPIES OF THE PROPOSED CHANGES FOR THEIR APPROVAL BEFORE PROCEEDING WITH THE WORK IN ADDITION THE CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROCURING ALL NECESSARY APPROVALS FROM THE BUILDING AUTHORITIES FOR THE PROPOSED CHANGES BEFORE PROCEEDING WITH THE WORK THE CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROCURING ALL NECESSARY INSPECTIONS AND APPROVALS FROM BUILDING AUTHORITIES DURING THE EXECUTION OF THE WORK
- 25 IN EVERY EVENT, THESE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS SHALL BE INTERPRETED TO BE A MINIMUM ACCEPTABLE MEANS OF CONSTRUCTION BUT THIS SHALL NOT RELIEVE THE CONTRACTOR, SUB-CONTRACTOR, AND/OR SUPPLIER/MANUFACTURER FROM PROVIDING A COMPLETE AND CORRECT JOB WHEN ADDITIONAL ITEMS ARE REQUIRED TO THE MINIMUM SPECIFICATION IF ANY ITEMS NEED TO EXCEED THESE MINIMUM SPECIFICATIONS TO PROVIDE A COMPLETE, ADEQUATE AND SAFE WORKING CONDITION, THEN IT SHALL BE THE DEEMED AND UNDERSTOOD TO BE INCLUDED IN THE DRAWINGS FOR EXAMPLE, IF AN ITEM AND/OR PIECE OF EQUIPMENT REQUIRES A LARGER WIRE SIZE (I.E ELECTRICAL WIRE), STRONGER OR LARGER PIPING, INCREASED QUANTITY (I.E STRUCTURAL ELEMENTS), REDUCED SPACING, AND/OR INCREASED LENGTH (I.E. BOLT LENGTHS, BAR LENGTHS) THEN IT SHALL BE DEEMED AND UNDERSTOOD TO BE INCLUDED IN THE BID/PROPOSAL. THESE DOCUMENTS ARE MEANT AS A GUIDE AND ALL ITEMS REASONABLY INFERRED SHALL BE DEEMED TO BE INCLUDED
- 26 THESE CONTRACT DOCUMENTS AND SPECIFICATIONS SHALL NOT BE CONSTRUED TO CREATE A CONTRACTUAL RELATIONSHIP OF ANY KIND BETWEEN THE ARCHITECT AND THE CONTRACTOR

ABBREVIATIONS

A/C	AIR CONDITIONER	JT	JOINT
ACP	ACOUSTICAL CEILING PANEL	LA	LAYER
A.F.F	ABOVE FINISHED FLOOR	LAM	LAMINATED
ALT	ALTERNATE	L.F	LINEAL FOOT
A.M.S.L	ABOVE MEAN SEA LEVEL	MANUF	MANUFACTURER
ALUM	ALUMINUM	MATER	MATERIAL
ANC	ANCHOR	MAX	MAXIMUM
L	ANGLE	MECH	MECHANICAL
ARCH	ARCHITECTURAL	MH	MANHOLE
@ BD	AT BOARD	MM	MILLIMETER
BFF	BELOW FINISH FLOOR	MIN.	MINIMUM
BLDG	BUILDING	MISC	MISCELLANEOUS
BLK	BLOCK	M.O	MASONRY OPENING
BM	BEAM	MPH	MILES PER HOUR
BOT	BOTTOM	M.S.L	MEAN SEA LEVEL
BUR	BUILT-UP ROOF	MTL	METAL
CER.	CERAMIC	N.I.C	NOT IN CONTRACT
C.J	CONTROL JOINT	NOM	NOMINAL
CL	CENTER LINE	N.T.S	NOT TO SCALE
CLG	CEILING	O.C	ON CENTER
CLR	CLEAR	O.D	OUTSIDE DIAMETER
CMU	CONCRETE MASONRY UNIT	OH	OVERHEAD
CPT	CARPET	OPNG	OPENING
COL.	COLUMN	OPP	OPPOSITE
CONC	CONCRETE	OZ	OUNCE
CONST	CONSTRUCTION	PL	PLATE
CONT	CONTINUOUS	PLYWD	PLYWOOD
C.T	CERAMIC TILE	PR	PAIR
CTR	CENTER	P.S.I	POUNDS PER SQUARE INCH
C/W	COMPLETE WITH	P.S.F	POUNDS PER SQUARE FOOT
D.F	DRINKING FOUNTAIN	P.T	PRESSURE TREATED
DIA./Ø	DIAMETER	RAD	RADIUS
DN	DOWN	R.C	RADIAL CENTER
D.S	DOWNSPOUT	R.D	ROOF DRAIN
DTL	DETAIL	RECEP	RECEPTACLE
EA	EACH	REINF	REINFORCED/REINFORCING
EIFS	EXTERIOR INSULATION FINISH SYSTEM	REQ'D.	REQUIRED
E.J.	EXPANSION JOINT	RM	ROOM
ELEC	ELECTRIC/ELECTRICAL	RTU	ROOF TOP UNIT
EL	ELEVATION	R/W	RIGHT OF WAY
E.P	ELECTRICAL PANEL	SCHED	SCHEDULE
EQ	EQUAL	SECT	SECTION
E.W	EACH WAY	S.F	SQUARE FOOT
EXP	EXPANSION	SIM	SIMILAR
EXT	EXTERIOR	S.P	SPlice POINT
F.D	FLOOR DRAIN	SQ.FT	SQUARE FOOT
F.E.C	FIRE EXTINGUISHER SHELTER	S.S	STAINLESS STEEL
F.H.C	FIRE HOSE EQUIPMENT	STD	STANDARD
FIN	FINISH	STL	STEEL
FIN.FLR	FINISH FLOOR	STOR	STORAGE
FLR	FLOOR	STRUC	STRUCTURAL
FTG	FOOTING	SUSP	SUSPENDED
GA.	GAUGE	TEMP.	TEMPORARY
GALV	GALVANIZED	THK	THICK
GEN	GENERAL	THICKN	THICKNESS
GYP	GYPSPUM	T.O	TOP OF
GB	GYPSPUM BOARD	T.O.S	TOP OF STEEL
H.C.	HANDICAPPED	TYP	TYPICAL
HK	HOOK	U.N.O	UNLESS NOTED OTHERWISE
H.M	HOLLOW METAL	VCT	VINYL COMPOSITION TILE
HOR	HORIZONTAL	VIF	VERIFY IN FIELD
HR	HOOR	VERT	VERTICAL
HT	HEIGHT	W/	WITH
INSUL	INSULATION	WD	WOOD
INT	INTERIOR	WWM	WELDED WIRE MESH

DO NOT SCALE DRAWINGS CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT

PRINTED
 APR 15 2014
 MORRISON HERSHFIELD CORP

ROBERT JERRY LARA
 REGISTERED ARCHITECT
 STATE OF FLORIDA
 AR2924

2	.	.
1	.	.
0	04/10/14	ISSUED FOR PERMIT
B	03/25/14	CLIENT REVIEW
A	03/12/14	CLIENT REVIEW
No.	Date	Action

Client:

 American Tower Corp.
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Project:
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 10579344
 338 SW LENOX GLEN
 FORT WHITE, FL 32038

Drawing Title
GENERAL NOTES

Project No.	7130037
Designer	LB
Date	03/06/14
Drawn By	DML/AR
Checked By	LB
PM Review	CM
Client Approval	
Issue No.	0
Drawing No.	G-2

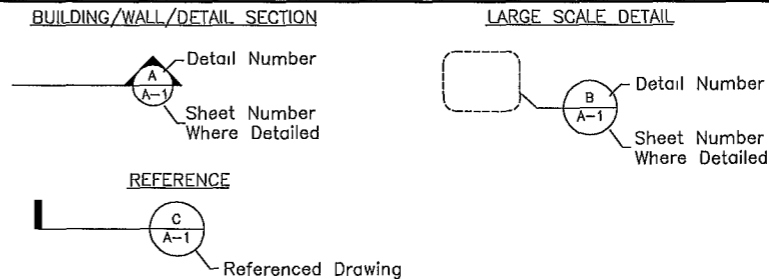
IMPORTANT NOTICE

THE EXISTING CONDITIONS REPRESENTED HEREIN ARE BASED ON VISUAL OBSERVATIONS AND INFORMATION PROVIDED BY OTHERS MORRISON HERSHFIELD CORPORATION CANNOT GUARANTEE THE CORRECTNESS NOR COMPLETENESS OF THE EXISTING CONDITIONS SHOWN AND ASSUMES NO RESPONSIBILITY THEREOF CONTRACTOR AND HIS SUB-CONTRACTORS SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AS REQUIRED FOR PROPER EXECUTION OF PROJECT REPORT ANY CONFLICTS OR DISCREPANCIES TO THE CONSULTANT PRIOR TO CONSTRUCTION

PROJECT INFORMATION

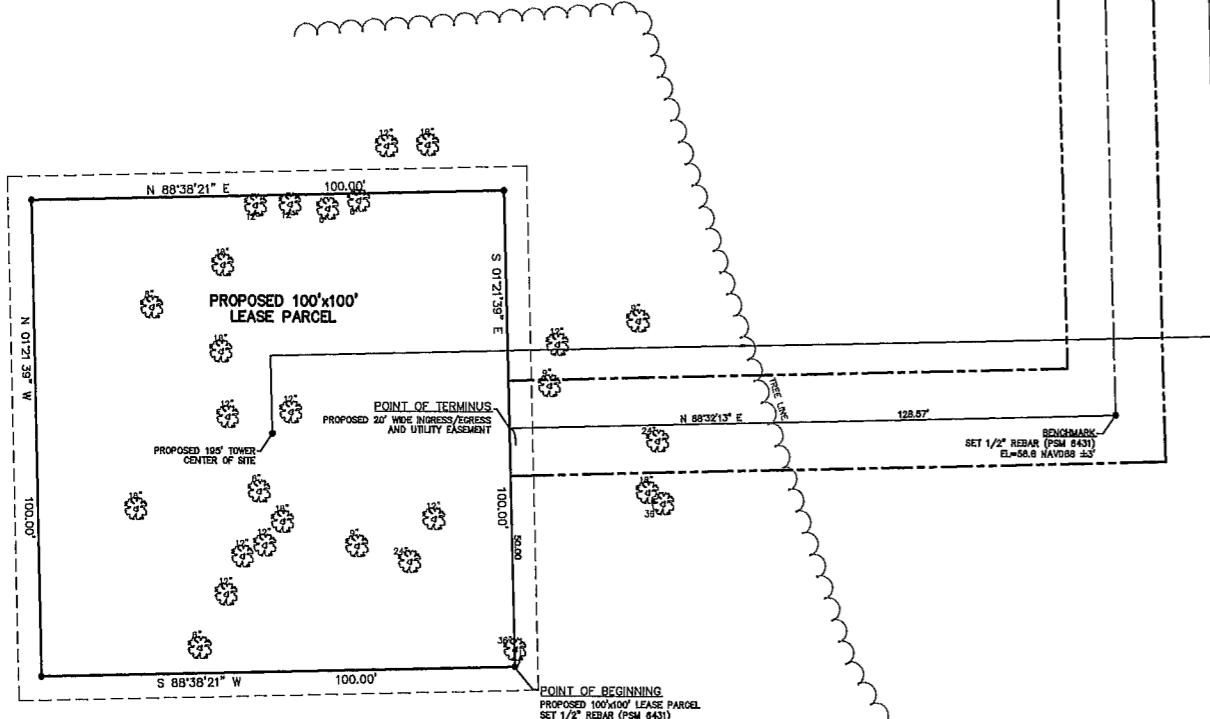
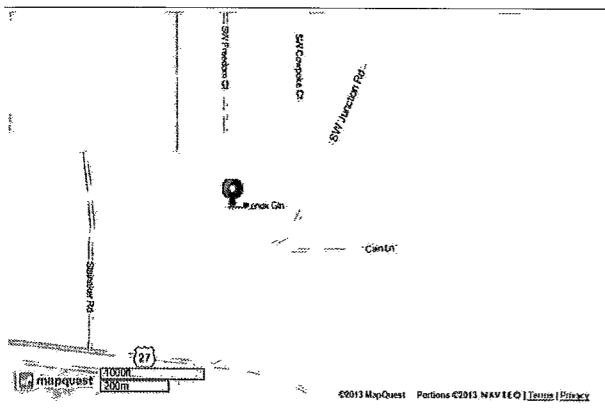
- 1 THIS IS AN UNMANNED AND RESTRICTED ACCESS EQUIPMENT AND WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE
- 2 CERTIFIES THAT THIS TELEPHONE EQUIPMENT FACILITY WILL BE SERVICED ONLY BY EMPLOYEE SERVICE PERSONNEL FOR REPAIR PURPOSES ONLY THIS FACILITY IS UNOCCUPIABLE & NOT DESIGNED FOR HUMAN OCCUPANCY THUS IT IS NOT OPEN TO THE PUBLIC
- 3 THIS FACILITY WILL CONSUME NO UNRECOVERABLE ENERGY
- 4 NO POTABLE WATER SUPPLY IS TO BE PROVIDED AT THIS LOCATION
- 5 NO WASTE WATER WILL BE GENERATED AT THIS LOCATION
- 6 NO SOLID WASTE WILL BE GENERATED AT THIS LOCATION
- 7 MAINTENANCE CREW (TYPICALLY TWO PEOPLE) WILL MAKE AN AVERAGE OF ONE TRIP PER MONTH AT ONE HOUR PER VISIT

LEGEND



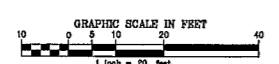
W:\Project\713 Series\7130037 AT&T Penhance\Drawings\10579344 Fort White West\Drawings\7130037_FORT WHITE WEST CDS REV D RAWLAND_041414.dwg 04/15/2014 6:06pm dlfm

LOCATION MAP
NOT TO SCALE



PROPOSED TOWER LOCATION INFORMATION
 LATITUDE = 29°37'12.00" NORTH (NAD83) ±1"
 LONGITUDE = 82°42'11.31" WEST (NAD83) ±1"
 MEAN SEA LEVEL AT CENTER OF SITE = 61 NAVD83 ±3"

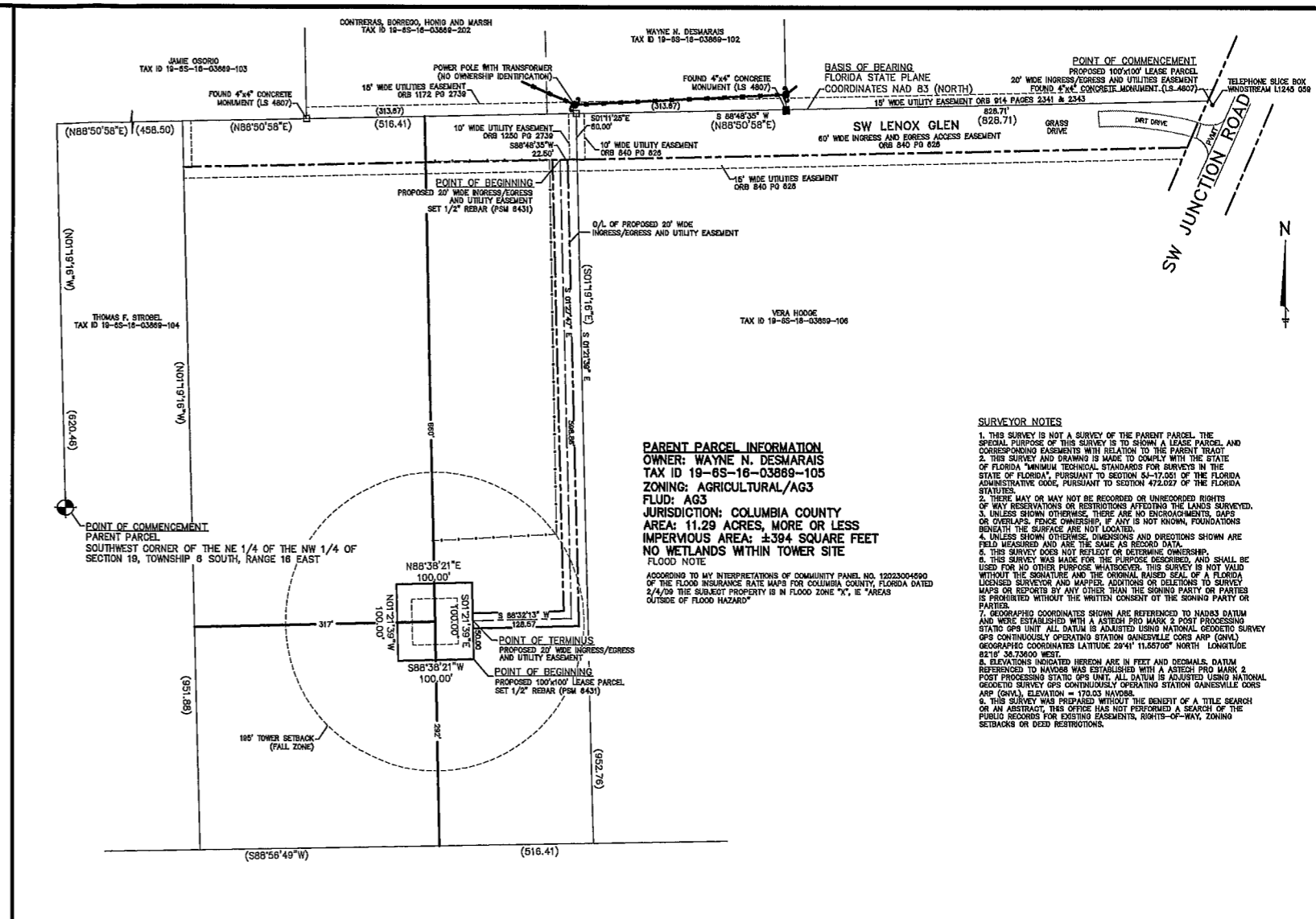
THIS SURVEY IS CERTIFIED TO AND SPECIFICALLY MADE FOR
 MORRISON HERSHFIELD
 DATE OF FIELD SURVEY AUGUST 20, 2013



F.B.P.	529/23	DATE	8/21/13
DRAWN BY	JED	SCALE	1"=20'/100'
CHECKED BY	JEB	DWG. NO.	116-13

BRUNNER HAGEN
 LAND SURVEYORS
 CONSULTING ENGINEERS
 601 Corvick Street
 Melbourne, FL 32901
 phone (321)728-1961 fax (321) 728-1060
 info@brunner-hagen.com

MAP OF BOUNDARY SURVEY FOR
10579344 Fort White West
 Fort White, Florida



PARENT PARCEL INFORMATION
 OWNER: WAYNE N. DESMARAIS
 TAX ID 19-85-18-03869-105
 ZONING: AGRICULTURAL/AG3
 FLUD: AG3
 JURISDICTION: COLUMBIA COUNTY
 AREA: 11.29 ACRES, MORE OR LESS
 IMPERVIOUS AREA: ±394 SQUARE FEET
 NO WETLANDS WITHIN TOWER SITE
 FLOOD NOTE
 ACCORDING TO MY INTERPRETATION OF COMMUNITY PANEL NO. 12233004500 OF THE FLOOD INSURANCE RATE MAPS FOR COLUMBIA COUNTY, FLORIDA DATED 2/4/09 THE SUBJECT PROPERTY IS IN FLOOD ZONE "X", E "AREAS OUTSIDE OF FLOOD HAZARD"

SURVEYOR NOTES
 1. THIS SURVEY IS NOT A SURVEY OF THE PARENT PARCEL. THE SPECIAL PURPOSE OF THIS SURVEY IS TO SHOW A LEASE PARCEL, AND CORRESPONDING EASEMENTS WITH RELATION TO THE PARENT TRACT.
 2. THIS SURVEY AND DRAWING IS MADE TO COMPLY WITH THE STATE OF FLORIDA "MINIMUM TECHNICAL STANDARDS FOR SURVEYS IN THE STATE OF FLORIDA" PURSUANT TO SECTION 46-17.001 OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 47.022 OF THE FLORIDA STATUTES.
 3. THERE MAY OR MAY NOT BE RECORDED OR UNRECORDED RIGHTS OF WAY RESERVATIONS OR RESTRICTIONS AFFECTING THE LANDS SURVEYED.
 4. UNLESS SHOWN OTHERWISE, THERE ARE NO ENCUMBRANCES, MAPS OR OVERLAPS, FENCE OWNERSHIP, IF ANY IS NOT KNOWN, FOUNDATIONS BENEATH THE SURFACE ARE NOT LOCATED.
 5. THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
 6. THIS SURVEY WAS MADE FOR THE PURPOSE DESCRIBED, AND SHALL BE USED FOR NO OTHER PURPOSE WHATSOEVER. THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO SURVEY MAPS OR RECORDS BY ANY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
 7. GEODATUM COORDINATES SHOWN ARE REFERENCED TO NAD83 DATUM AND WERE ESTABLISHED WITH A ASTECH PRO MARK 2 POST PROCESSING STATIC GPS UNIT ALL DATUM IS ADJUSTED USING NATIONAL GEODETIC SURVEY GPS CONTINUOUSLY OPERATING STATION GAINESVILLE CORS ARP (GNV) GEODETIC COORDINATES LATITUDE 29°11'15.6700" NORTH, LONGITUDE 82°11'34.73600 WEST.
 8. ELEVATIONS INDICATED HEREON ARE IN FEET AND DECIMALS DATUM REFERENCED TO NAVD83 WAS ESTABLISHED WITH A ASTECH PRO MARK 2 POST PROCESSING STATIC GPS UNIT ALL DATUM IS ADJUSTED USING NATIONAL GEODETIC SURVEY GPS CONTINUOUSLY OPERATING STATION GAINESVILLE CORS ARP (GNV), ELEVATION = 170.03 NAVD83.
 9. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE SEARCH OR AN ABSTRACT. THIS OFFICE HAS NOT PERFORMED A SEARCH OF THE PUBLIC RECORDS FOR EXISTING EASEMENTS, RIGHTS-OF-WAY, ZONING SETBACKS OR DEED RESTRICTIONS.

DESCRIPTIONS
 PARENT PARCEL
 (OFFICIAL RECORDS BOOK 1250 PAGE 2739)
 LOT 5

A PART OF THE EAST 1/2 OF THE NW 1/4 OF SECTION 19, TOWNSHIP 6 SOUTH, RANGE 16 EAST, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE SOUTHWEST CORNER OF THE NE 1/4 OF SAID NW 1/4 AND RUN N 1 DEGREE 19'16" W. ALONG THE WEST LINE THEREOF, 620.49 FEET; THENCE N 88 DEGREES 50'58" E., 458.50 FEET FOR A POINT OF BEGINNING; THENCE CONTINUE N 88 DEGREES 50'58" E., 516.41 FEET; THENCE S 1 DEGREE 19'16" E., 952.76 FEET; THENCE S. 88 DEGREES 56'49" W., 516.41 FEET; THENCE N 1 DEGREE 19'16" W., 951.88 FEET TO THE POINT OF BEGINNING, COLUMBIA COUNTY, FLORIDA.

SUBJECT TO AN INGRESS AND EGRESS EASEMENT OVER AND ACROSS THE NORTH 80.00 FEET THEREOF
 SUBJECT TO UTILITIES EASEMENT OVER AND ACROSS THE EAST 10.00 FEET AND THE WEST 10.00 FEET AND THE SOUTH 15.00 FEET OF THE NORTH 75.00 FEET THEREOF

PROPOSED 100'x100' LEASE PARCEL
 (description prepared by this office)
 Being a 100 feet by 100 foot lease parcel of land in Section 19, Township 6 South, Range 16 East, Columbia County, Florida, said parcel lying within the bounds of the Wayne N. Desmarais property as recorded in official records book 1250, page 2739, of the Public Records of Columbia County, Florida, and being more particularly described as follows:

Commencing at an existing 4"x4" concrete monument (designated LB 4807), said monument being the Northeast corner of the Hodges property as recorded in official records book 840, page 626, proceed thence along said Hodges property North line South 88°48'35" West, (basis of bearing being Florida State Plane Coordinate NAD83 North zone), a distance of 828.71 feet to an existing 4"x4" concrete monument (designated LS 4708), said monument being the Northeast corner of the property which this is a part of, thence along the East line of said property South 01°21'39" East, for a distance of 80.00 feet; thence South 88°48'35" West, for a distance of 22.50 feet; thence South 01°27'47" East, for a distance of 598.86 feet; thence South 88°32'13" West, for a distance of 128.57 feet; thence South 01°21'39" East, for a distance of 50.00 feet to a new 1/2" rebar (designated PSM 6431), the Point of Beginning; proceed thence South 88°38'21" West, for a distance of 100.00 feet to a new 1/2" rebar (designated PSM 6431); thence North 01°21'39" West, for a distance of 100.00 feet to a new 1/2" rebar (designated PSM 6431); thence North 88°38'21" East, for a distance of 100.00 feet to a new 1/2" rebar (designated PSM 6431); thence South 01°21'39" East, for a distance of 100.00 feet to the Point of Beginning.

containing 0.23 acre, more or less or ±10,000 square feet

PROPOSED 20' WIDE INGRESS/EGRESS AND UTILITIES EASEMENT
 (description prepared by this office)

Being a 20 wide ingress/egress and utilities easement crossing over under and through a parcel of land in Section 19, Township 6 South, Range 16 East, Columbia County, Florida, said easement within the bounds of the Wayne N. Desmarais property as recorded in official records book 1250, page 2739, of the Public Records of Columbia County, Florida, and lying within 10 feet of a center line being more particularly described as follows:

Commencing at an existing 4"x4" concrete monument (designated LB 4807), said monument being the Northeast corner of the Hodges property as recorded in official records book 840, page 626, proceed thence along said Hodges property North line South 88°48'35" West, (basis of bearing being Florida State Plane Coordinate NAD83 North zone), a distance of 828.71 feet to an existing 4"x4" concrete monument (designated LS 4708), said monument being the Northeast corner of the property which this is a part of, thence along the East line of said property South 01°21'39" East, for a distance of 80.00 feet; thence South 88°48'35" West, for a distance of 22.50 feet to the Point of Beginning; proceed thence along the center line of this easement South 01°27'47" East, for a distance of 598.86 feet to a point, thence along the center line of this easement South 01°21'39" East, for a distance of 128.57 feet to the Point of Beginning.

containing 0.33 acre, more or less or ±14,549 square feet.

LEGEND		SECTION	
CL	CENTERLINE	SEC	SECTION
PL	PLAT BOOK	TWP	TOWNSHIP
EP	EDGE OF PAVEMENT	RNG	RANGE
OR	OFFICIAL RECORD BOOK	NAV83	NATIONAL GEODETIC VERTICAL DATUM 1983
PA	PAGE	NAV88	NORTH AMERICAN VERTICAL DATUM OF 1988
R/W	RIGHT OF WAY	BM	BENCHMARK
OP	OVERHEAD POWER POLE	CB	CONCRETE BLOCK
OW	OVERHEAD WIRES	CM	CONCRETE MONUMENT
CP	CORNER MARKER RECOVERED AS NOTED	EM	ELEVATION METRIC CONTROL
CR	SET 1/2" REBAR WITH CAP (PSM 6431)	PLADE	PUBLIC UTILITIES & DRAINAGE EASEMENT
NR	NAILED RECOVERED AS NOTED	FO	FOUND
PP	SET NAIL AND DISK (PSM 6431)	IR	IRON ROD
PC	PERMANENT CONTROL POINT	IR	IRON ROD
PO	POINT OF BEGINNING	IR	IRON ROD
PT	POINT OF TANGENCY	IR	IRON ROD
PR	POINT OF REVERSE CURVE	PLS	PROFESSIONAL LAND SURVEYOR
PC	POINT OF CURVATURE	RLS	REGISTERED LAND SURVEYOR
PI	POINT OF INTERSECTION	L	LENGTH OF ARC
CLP	CHAIN LINK FENCE	N/D	NOTED
WF	WOOD FENCE	POB	POINT OF BEGINNING
WVF	WAVE WIRE FENCE	R	RADIUS OF CURVE
A/O	AIR CONDITIONERS	AGL	ABOVE GROUND LEVEL
IND	INDICATES RECORD DATA	B/W	BELOW GROUND LEVEL
EL	INDICATES GROUND ELEVATION		
FLD	FUTURE LAND USE DESIGNATION		

PROJECT NO.	REVISION NO.	DATE	DESCRIPTION
116-13	4	11/13/13	COUNTY COMMENTS.
	5	11/24/13	CORRECTED WEST SHELTER TIE-LINE.
	1	9/4/13	LEASE PARCEL AND EASEMENT REVISED, TOWER LOCATION MOVED.
	2	8/5/13	LEASE PARCEL AND EASEMENT REVISED, TOWER LOCATION MOVED.
	3	8/11/13	ADDITIONAL TOPOGRAPHY AND TREES LOCATED WITHIN PROPOSED LEASE AREA.

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

PRINTED

APR 15 2014

MORRISON HERSHFIELD CORP

ROBERT JERRY LARA
REGISTERED ARCHITECT
STATE OF FLORIDA
AR92824

2	.	.
1	.	.
0	04/10/14	ISSUED FOR PERMIT
B	03/25/14	CLIENT REVIEW
A	03/12/14	CLIENT REVIEW
No.	Date	Action

Client:

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STATE OF FLORIDA CO# 00008508
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Project:

FORT WHITE WEST
10579344
338 SW LENOX GLEN
FORT WHITE, FL 32038

Drawing Title

SITE PLAN

Project No.

7130037

Designer

LB

Date

03/06/14

Drawn By

DML/AR

Checked By

LB

PM Review

CM

Client Approval

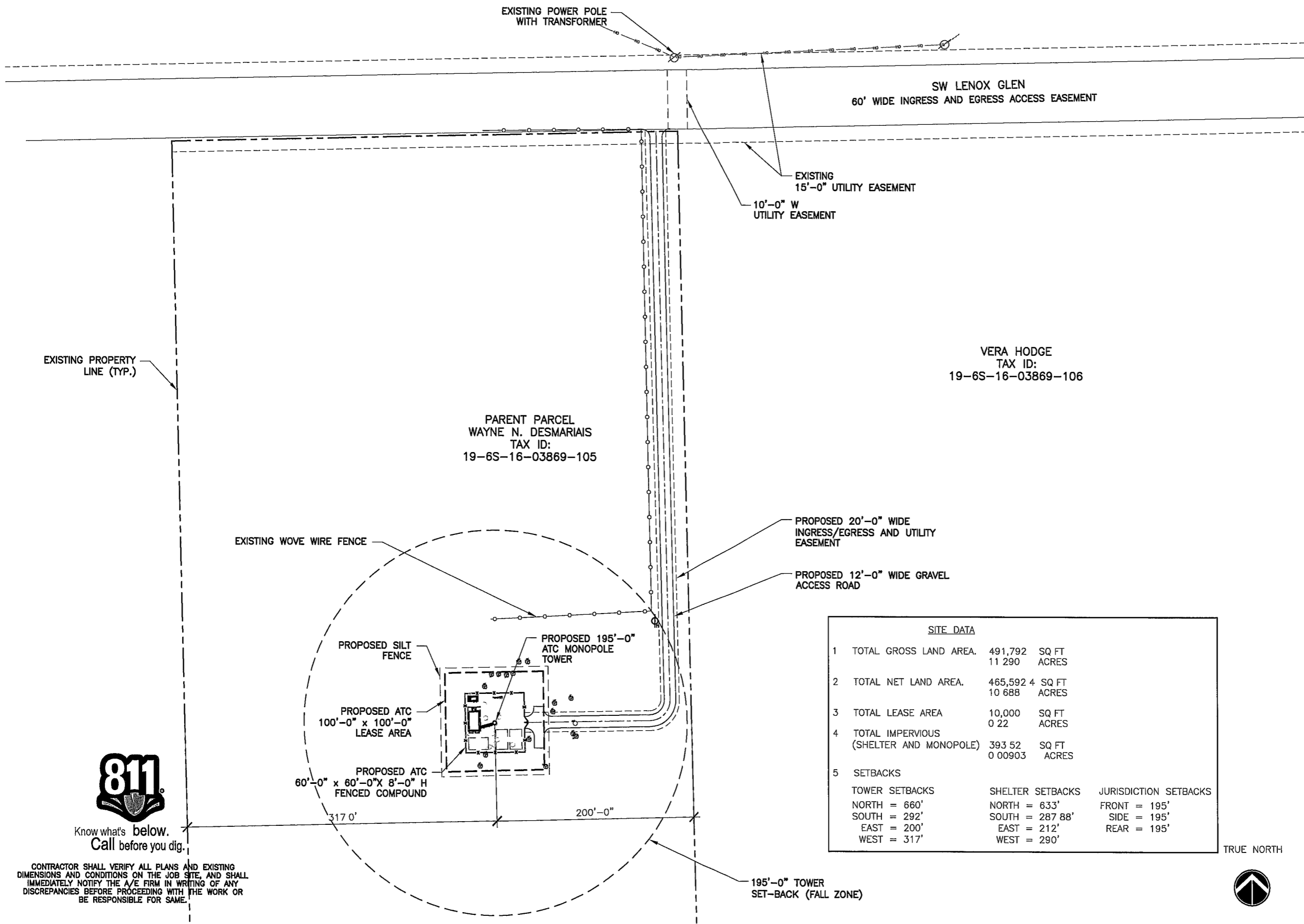
Issue No.

0

Drawing No

A-1

V:\Project\713 Series\A787\Parishonda\Site\10579344 Fort White West\Drawings\7130037_FORT WHITE WEST CD'S REV 0 RANLAND_041414.dwg 04/15/2014 8:08pm arlon



SITE DATA		
1	TOTAL GROSS LAND AREA.	491,792 SQ FT 11 290 ACRES
2	TOTAL NET LAND AREA.	465,592.4 SQ FT 10 688 ACRES
3	TOTAL LEASE AREA	10,000 SQ FT 0 22 ACRES
4	TOTAL IMPERVIOUS (SHELTER AND MONOPOLE)	393.52 SQ FT 0 00903 ACRES
5	SETBACKS	
	TOWER SETBACKS	SHELTER SETBACKS JURISDICTION SETBACKS
	NORTH = 660'	NORTH = 633' FRONT = 195'
	SOUTH = 292'	SOUTH = 287 88' SIDE = 195'
	EAST = 200'	EAST = 212' REAR = 195'
	WEST = 317'	WEST = 290'



Know what's below.
Call before you dig.

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE, AND SHALL IMMEDIATELY NOTIFY THE A/E FIRM IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

SITE PLAN

24"x36" SCALE: 1" = 50'-0"
11"x17" SCALE: 1" = 100'-0"
50' 25' 0' 50'

1

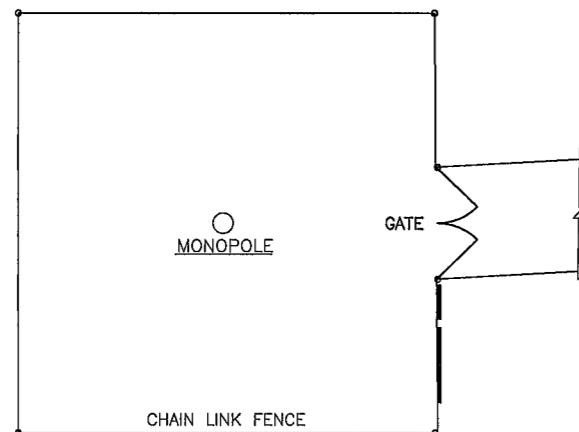
1 2 3 4 5 6

SCALE IS BASE ON 22" X 34" 10" SIZE

NOTE.

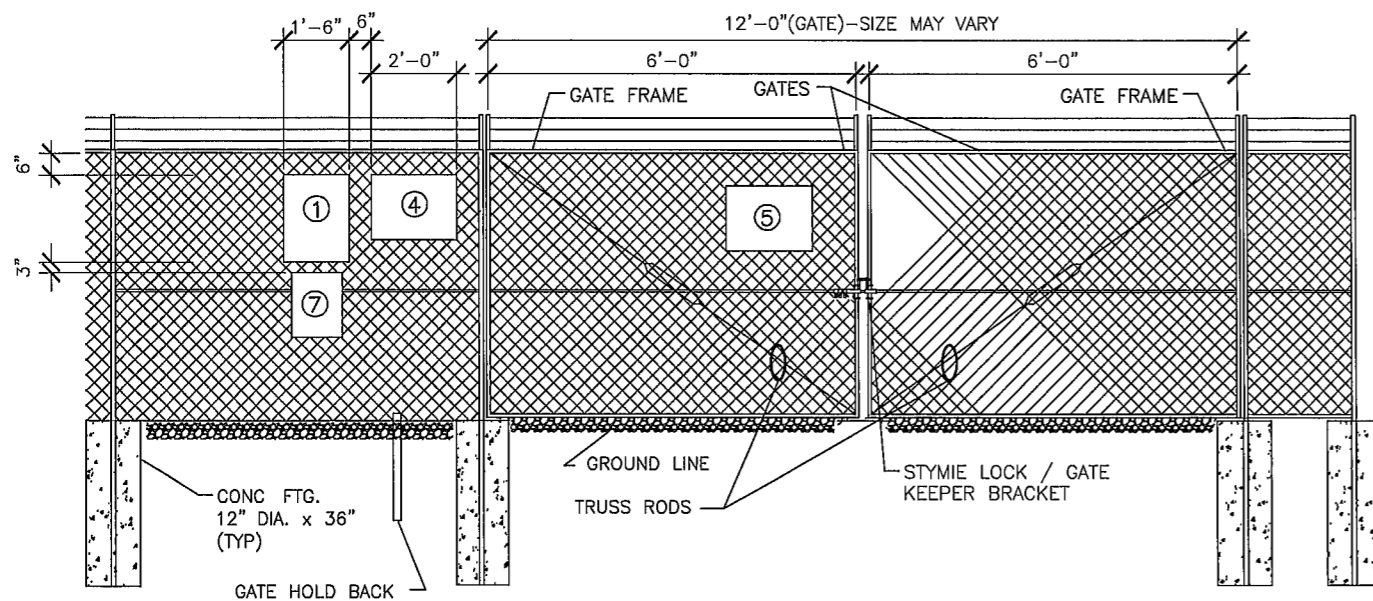
- ⑧ CAUTION - RFE SIGN (BLACK, YELLOW, WHITE) TO BE MOUNTED NEAR TOWER LEG W/ CLIMBING CABLE. DO NOT RESTRICT CLIMBING ACCESS
- ⑨ ASR SIGN TO BE MOUNTED AT TOWER BASE DURING CONSTRUCTION
- ④ CCUSA MARKETING/ ID SIGN 18"x24" (INCLUDES SITE ADDRESS)
CCUSA MARKETING SIGN 14"x20" (BMI SITES)

SCHMATIC SIGNAGE PLAN
NO SCALE



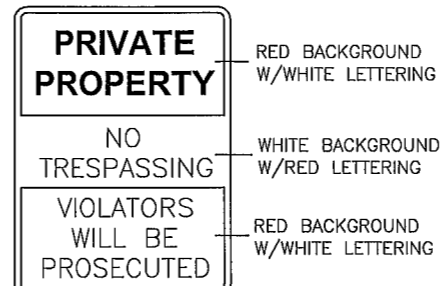
TOWER SITE COMPOUND SIGN PLACEMENT

3



SITE SIGNAGE

2



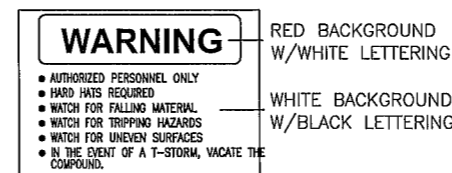
① **NO-TRESPASSING SIGN**

18" WIDE X 24" HIGH



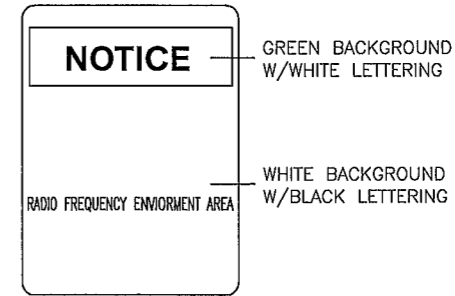
④ **MARKETING/ID SIGN w/ FCC # IN 2" LETTERING**

24" WIDE X 18" HIGH



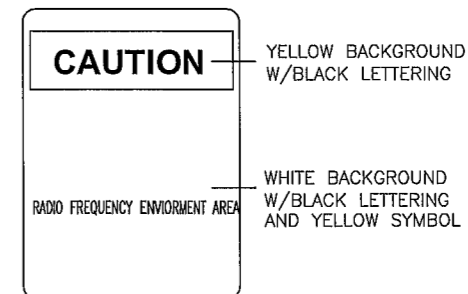
⑤ **CAUTION-HARD HAT CONSTRUCTION AREA AND TRIPPING HAZARDS**

24" WIDE X 18" HIGH



⑦ **NOTICE-RFE SIGN**

12" WIDE X 18" HIGH



⑧ **CAUTION-RFE SIGN**

LABELS OR STICKER ARE ACCPETABLE FOR MONOPOLE TYPE TOWERS
12" WIDE X 18" HIGH



⑨ **ASR SIGN**

10" WIDE X 4" HIGH

NOTE.
ALL SIGNS TO BE INSTALLED ACCORDING TO DWG SITE SIGNAGE ADJACENT TO GATES (LEFT OR RIGHT SIDE OF GATE IS ACCEPTABLE, BUT MUST BE MOUNTED ON GATE SIDE OF COMPOUND, SO AS TO BE READABLE WITH GATES OPEN OR CLOSED)

NOTE:
COORDINATE SIGN PLACEMENT WITH CONSTRUCTION MANAGER

TYPICAL SIGNS & SPECIFICATIONS

1

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT

PRINTED

APR 15 2014

MORRISON HERSHFIELD CORP

ROBERT JERRY LARA
REGISTERED ARCHITECT
STATE OF FLORIDA
AR92824

2	.	.
1	.	.
0	04/10/14	ISSUED FOR PERMIT
B	03/25/14	CLIENT REVIEW
A	03/12/14	CLIENT REVIEW
No.	Date	Action

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Project.
FORT WHITE WEST
10579344
338 SW LENOX GLEN
FORT WHITE, FL 32038

Drawing Title:
SIGNAGE DETAILS

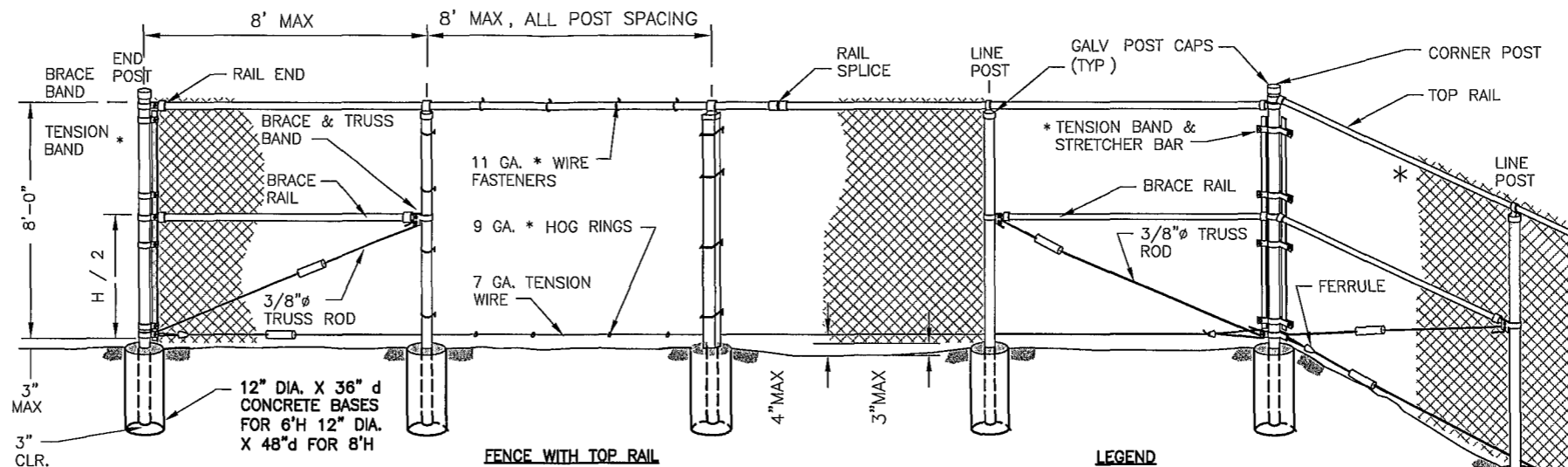
Project No 7130037	
Designer LB	Date 03/06/14
Drawn By DML/AR	Checked By LB
PM Review CM	Client Approval
Issue No.	Drawing No

0 A-4

FENCE NOTES:

(INSTALL FENCING PER BUILDING CODE)

- 1 GATE POST SHALL BE 4"Ø CORNER, TERMINAL OR PULL POST SHALL BE 3"Ø SCHEDULE 40 FOR GATE WIDTHS UP THROUGH 6 FEET OR 12 FEET FOR DOUBLE SWING GATE PER ASTM-F1083
- 2 LINE POST 2-3/8"Ø SCHEDULE 40 PIPE PER ASTM-F1083
- 3 GATE FRAME 1 1/2"Ø SCHEDULE 40 PIPE PER ASTM-F1083 & ASTM F900
- 4 TOP RAIL & BRACE RAIL 1 3/8"Ø SCHEDULE 40 PIPE PER ASTM-F1083
- 5 FABRIC 2" MESH No 9 GA. GALVANIZED WIRE SECURELY FASTENED TO TENSION WIRE, LINEPOST, BARS CONFORMING TO ASTM-A392, & AASHTO M 181
- 6 TIE WIRE MINIMUM 11 GA. GALVANIZED STEEL INSTALL A SINGLE WRAP TIE WIRE AT POSTS AND RAILS AT MAX 12" INTERVALS VERT & 20" HORZ. INSTALL HOG RINGS ON TENSION WIRE AT 20" INTERVALS
- 7 TENSION WIRE 7 GA GALVANIZED STEEL.
- 8 BARBED WIRE 3 STRANDS OF DOUBLE STRANDED 12-1/2 GA. TWISTED WIRE, 4 PT BARBS SPACED ON APPROXIMATELY 5" CENTERS CONFORMING TO AASHTO M 280
- 9 STYMIE LOCK SEE 2/A-6 LOCAL ORDINANCE FOR BARBED WIRE PERMIT SHALL GOVERN INSTALLATION
10. (HEIGHT OF FABRIC) SHALL BE AS SHOWN ON THE COMPOUND PLANS 72" MIN - 96" MAX

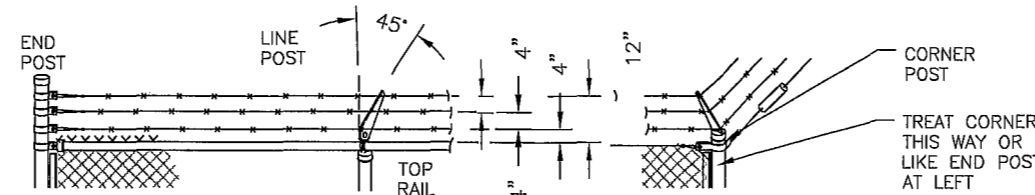


FENCE WITH TOP RAIL

LEGEND

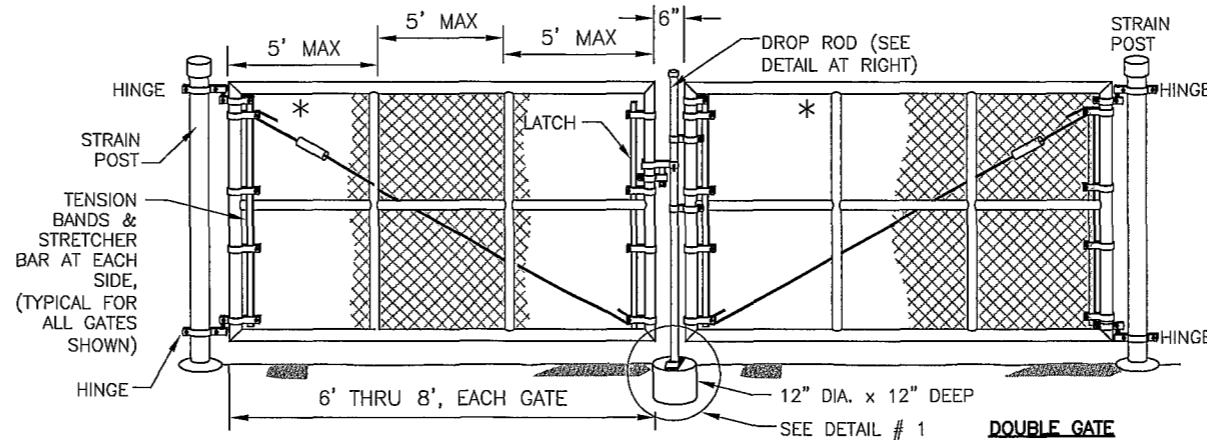
* ATTACH FABRIC TO ALL FENCE & GATE STRUCTURES AT 12" INTERVALS VERTICALLY & AT 20" HORIZONTALLY

TIGHTENER OR TURNBUCKLE SYMBOL, (SEE DETAILS ON SHEETS 2 & 3)

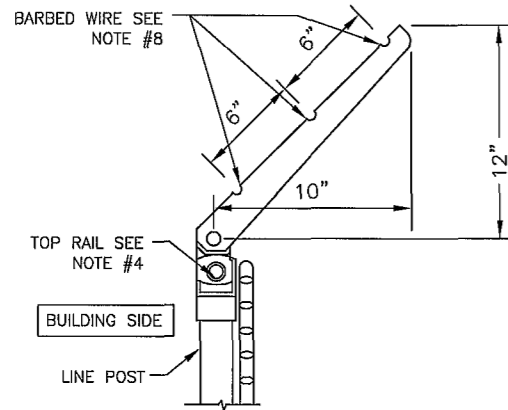


BARBED WIRE TOP

(USE ONLY WHEN SPECIFIED ON COMPOUND PLAN)

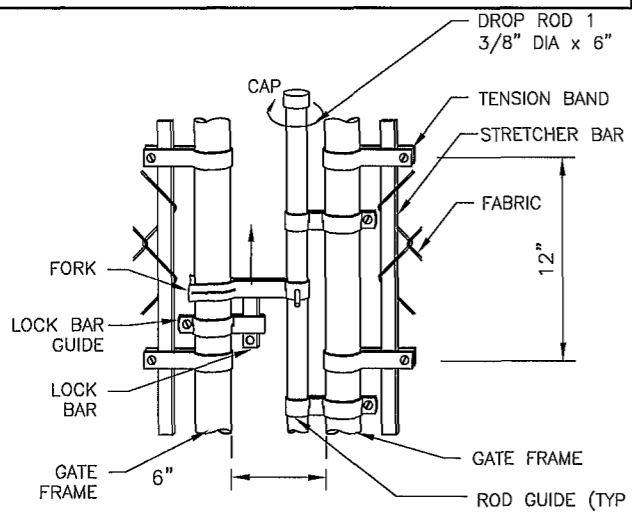


DOUBLE GATE



BARBED WIRE DETAIL

4



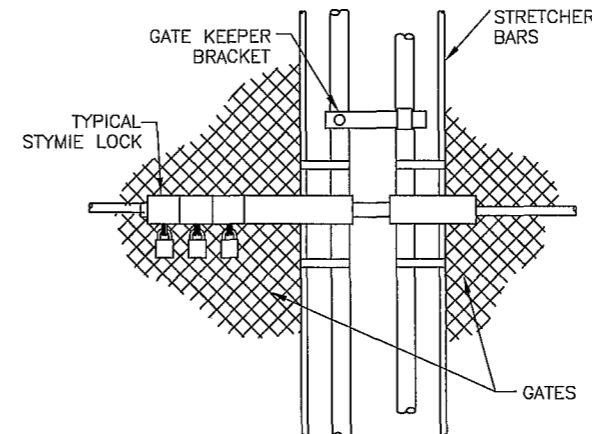
TYP. DROP ROD ASSEMBLY DETAIL

3

CHAIN LINK FENCE/GATE AND BARBED WIRE DETAILS

1

STANDARD COMBINATION LOCK SPEC
 ALL LOCKS SHOULD BE MARINE GRADE BRASS LOCK WITH STAINLESS STEEL SHACKLE, SOLID BRASS BODY PROVIDES STRENGTH AND CORROSION RESISTANCE.
 STAINLESS STEEL SHACKLES RESIST HACKSAWS, BOLT CUTTERS, AND CORROSIVE WEATHER CONDITIONS.
ALL LOCKS SHOULD BE A PROGRAMMABLE COMBINATION LOCK THAT IS STRONG, DURABLE AND HIGHLY WEATHER RESISTANT
 THE FOLLOWING LOCKS ARE APPROVED BY CROWN TO BE USED ON SITES OR APPROVED EQUAL.
 PART NUMBERS:
 ABUS 180/HB 50-63 WITH 2-1/4" MARINE GRADE WITH 4 DIALS
 ABUS 180 COMBINATION 1" MARINE GRADE WITH 4 DIALS



STYMIE LOCK DETAIL

2

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APR 15 2014

MORRISON HERSHFIELD CORP

ROBERT JERRY LARA
 REGISTERED ARCHITECT
 STATE OF FLORIDA
 AR92824

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1	.	.
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B	03/25/14	CLIENT REVIEW
A	03/12/14	CLIENT REVIEW
No.	Date	Action

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Project:
FORT WHITE WEST
 10579344
 338 SW LENOX GLEN
 FORT WHITE, FL 32038

Drawing Title:
FENCE DETAILS

Project No.	7130037
Designer	LB
Date	03/06/14
Drawn By	DML/AR
Checked By	LB
PM Review	CM
Client Approval	
Issue No	0
Drawing No	A-5

0 A-5

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ELECTRICAL REFERENCE

LEGEND

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

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Project:

FORT WHITE WEST
10579344
338 SW LENOX GLEN
FORT WHITE, FL 32038

Drawing Title:

**ELECTRICAL NOTES
LEGEND AND
ABBREVIATIONS**

Project No. 7130037	
Designer: LB	Date 03/06/14
Drawn By: DML/AR	Checked By: LB
PM Review: CM	Client Approval
Issue No. 0	Drawing No. E-1

SYMBOL	DESCRIPTION
	CIRCUIT BREAKER
	NON-FUSIBLE DISCONNECT SWITCH
	FUSIBLE DISCONNECT SWITCH
	SURFACE MOUNTED PANEL BOARD
	TRANSFORMER
	KILOWATT HOUR METER
	DENOTES CABLE OR CONDUIT TURNING UP IN PLAN VIEW
	DENOTES CABLE OR CONDUIT TURNING DOWN IN PLAN VIEW
	JUNCTION BOX
	PULL BOX TO NEC/TELCO STANDARDS
	OVERHEAD UTILITIES
	UNDERGROUND TELCO
	UNDERGROUND POWER
	DENOTES REFERENCE NOTE
	EXOTHERMIC WELD CONNECTION
	MECHANICAL CONNECTION (eg LUG, C-TAP)
	GROUND ROD
	GROUND ROD WITH INSPECTION SLEEVES
	GROUND BAR
	PIN AND SLEEVE RECEPTACLE
	GROUND CONDUCTOR

ABBREVIATIONS	
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
BFG	BELOW FINISHED GRADE
C	CONDUIT
CRGB	CELL REFERENCE GROUND BAR
CU	COPPER
C/W	COMPLETE WITH
D T T	DRY TYPE TRANSFORMER
EC	EMPTY CONDUIT
G	GROUND
GE	GROUNDING ELECTRODE
GEC	GROUNDING ELECTRODE CONDUCTOR
GRC	GALVANIZED RIGID CONDUIT
MTS	MANUAL TRANSFER SWITCH
NEC	NATIONAL ELECTRICAL CODE
O/H	OVERHEAD
RNC	RIGID NON-METALLIC CONDUIT (SCHEDULE 80 PVC)
SD	SERVICE DISCONNECT SWITCH
SE	SERVICE ENTRANCE
SN	SOLID NEUTRAL
TGB	TELCO GROUND BAR
TEGB	TOWER EXIT GROUND BAR
TR	TRANSFORMER
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP	TYPICAL
WP	WEATHERPROOF - NEMA 3R
U/G	UNDERGROUND
PPC	POWER PROTECTION SHELTER

- 1. GENERAL**
- EXAMINE THE SITE CONDITIONS VERY CAREFULLY AND THE SCOPE OF PROPOSED WORK TOGETHER WITH THE WORK OF ALL OTHER TRADES AND INCLUDE IN THE BID PRICE ALL COSTS FOR WORK SUCH AS EQUIPMENT AND WIRING MADE NECESSARY TO ACCOMMODATE THE ELECTRICAL SYSTEMS SHOWN AND SYSTEMS OF OTHER TRADES.
 - SUBMITTAL OF BID INDICATES CONTRACTOR IS COGNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT
 - PERFORM DETAILED VERIFICATION OF WORK PRIOR TO ORDERING THE ELECTRICAL EQUIPMENT AND COMMENCING CONSTRUCTION ISSUE A WRITTEN NOTICE TO THE CONSULTANT OF ANY DISCREPANCIES
 - OBTAIN ALL PERMITS, PAY ASSOCIATED FEES AND SCHEDULE INSPECTION(S)
 - PROVIDE ALL LABOR, MATERIAL, EQUIPMENT, INSURANCE, AND SERVICES TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND PRESENT IT AS FULLY OPERATIONAL TO THE SATISFACTION OF THE OWNER
 - CARRY OUT WORK IN ACCORDANCE WITH ALL GOVERNING STATE, COUNTY AND LOCAL CODES AND O.S.H.A.
 - PRIOR TO BEGINNING WORK COORDINATE ALL POWER AND TELCO WORK WITH THE LOCAL UTILITY COMPANY AS IT MAY APPLY TO THIS SITE ALL WORK TO COMPLY WITH THE RULES AND REGULATIONS OF THE UTILITIES INVOLVED
 - FABRICATION AND INSTALLATION OF THE COMPLETE ELECTRICAL SYSTEM SHALL BE DONE IN A FIRST CLASS WORKMANSHIP PER NECA STANDARD 1-2000 BY QUALIFIED PERSONNEL EXPERIENCED IN SUCH WORK AND SHALL SCHEDULE THE WORK IN AN ORDERLY MANNER SO AS NOT TO IMPEDE PROGRESS OF THE PROJECT
 - DURING PROGRESS OF THE WORK, MAINTAIN AN ACCURATE RECORD OF THE INSTALLATION OF THE ELECTRICAL SYSTEMS, LOCATING EACH CIRCUIT PRECISELY AND DIMENSIONING EQUIPMENT, CONDUIT AND CABLE LOCATIONS UPON COMPLETION OF THE INSTALLATION, TRANSFER ALL RECORD DATA TO BLACK LINE PRINTS OF THE ORIGINAL DRAWINGS AND SUBMIT THESE DRAWINGS AS RECORD DRAWINGS TO THE CONSULTANT
 - COMPLETE JOB SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF JOB ACCEPTANCE BY OWNER ANY WORK, MATERIAL, OR EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD SHALL BE CORRECTED AT ONCE UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE CONTRACTOR
 - GENERAL CONTRACTOR IS RESPONSIBLE FOR REQUESTING CONNECTION OF COMMERCIAL POWER FROM THE POWER COMPANY ELECTRICAL CONTRACTOR SHALL COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR
 - COORDINATE EXACT TELEPHONE REQUIREMENTS AND SERVICE ROUTING WITH LOCAL TELEPHONE COMPANY APPLY FOR TELEPHONE SERVICE IMMEDIATELY UPON AWARD OF CONTRACT.

- 2. BASIC MATERIALS AND METHODS**
- ALL ELECTRICAL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NEC ACCEPTED BY THE LOCAL JURISDICTION AND TO THE APPLICABLE LOCAL CODES AND REGULATIONS.
 - ALL MATERIALS AND EQUIPMENT SHALL BE NEW MATERIALS AND EQUIPMENT SHALL BE THE STANDARD PRODUCTS OF MANUFACTURER'S CURRENT DESIGN ANY FIRST-CLASS PRODUCT MADE BY A REPUTABLE MANUFACTURER MAY BE USED PROVIDING IT CONFORMS TO THE CONTRACT REQUIREMENTS AND MEETS THE APPROVAL OF THE CONSULTANT AND THE OWNER
 - ARRANGE CONDUIT, WIRING, EQUIPMENT, AND OTHER WORK GENERALLY AS SHOWN, PROVIDING PROPER CLEARANCES AND ACCESS CAREFULLY EXAMINE ALL CONTRACT DRAWINGS AND FIT THE WORK IN EACH LOCATION WITHOUT SUBSTANTIAL ALTERATION WHERE DEPARTURES ARE PROPOSED BECAUSE OF FIELD CONDITIONS OR OTHER CAUSES, PREPARE AND SUBMIT DETAILED DRAWINGS FOR ACCEPTANCE
 - THE CONTRACT DRAWINGS ARE GENERALLY DIAGRAMMATIC AND ALL OFFSETS, BENDS, FITTINGS AND ACCESSORIES ARE NOT NECESSARILY SHOWN PROVIDE ALL SUCH ITEMS AS MAY BE REQUIRED TO FIT THE WORK TO THE CONDITIONS
 - MAINTAIN ALL CLEARANCES AS REQUIRED BY NEC
 - SEAL AROUND CONDUITS AND AROUND CONDUCTORS WITHIN CONDUITS ENTERING THE PREFABRICATED SHELTER/CABINETS WHERE PENETRATION OCCURS WITH A SILICONE SEALANT TO PREVENT MOISTURE PENETRATION INTO BUILDING/SHELTER
 - SILICONE SEAL AROUND ALL BOLTS AND SCREWS USED TO SECURE EQUIPMENT TO EXTERIOR OF BUILDING
 - MAKE NECESSARY CONNECTIONS FOR BATTERY IN EMERGENCY LIGHT FIXTURE. CONNECT EXTERIOR LIGHT FIXTURE (PROVIDED BY SHELTER MANUFACTURER) TO EXTERNAL JUNCTION BOX.

- 3. CONDUCTORS AND CONNECTORS**
- UNLESS NOTED OTHERWISE, ALL CONDUCTORS SHALL BE COPPER, MINIMUM SIZE #12 AWG, WITH THERMOPLASTIC INSULATION CONFORMING TO NEMA WC5 OR CROSS-LINKED POLYETHYLENE INSULATION CONFORMING TO NEMA WC7. (TYPES THHN OR THWN) INSULATION SHALL BE RATED FOR 90°C CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH NEC
 - ALL CONDUCTORS USED FOR GROUNDING SHALL BE COPPER.
 - UNLESS NOTED OTHERWISE ALL LUGS SHALL BE TIN PLATED COPPER, TWO-HOLE, LONG BARREL, COMPRESSION TYPE.
 - CONDUCTOR LENGTHS SHALL BE CONTINUOUS FROM TERMINATION TO TERMINATION WITHOUT SPLICES SPLICES ARE NOT ACCEPTABLE IF SPLICES ARE UNAVOIDABLE PRIOR APPROVAL FROM THE ENGINEER MUST BE OBTAINED

- AL
 - AL FUTURE USE SHALL HAVE A PULL CORD
 - SH TO NEMA OS1; CAST-METAL BOXES SHALL CONFORM TO ACCORDANCE WITH NEC UNLESS NOTED OTHERWISE
- 5**
- ALTY GROUNDING OF THE ELECTRICAL EQUIPMENT SHCE WITH THE CURRENT NFPA STANDARDS
 - GRSECTION 3 "CONDUCTORS AND CONNECTORS"
 - AL CONNECTIONS FACING GROUND PLATE SHALL BE COSUCH AS NO-OX, NOALOX, PENETROX OR KOPRSHIELD.
 - GRCTS ON BUILDING EXTERIOR INCLUDING BUILDING TIE DO
 - PRCHANICAL CONNECTIONS FOR GROUND CONDUCTORS USOUGHOUT
 - DOJE OF PROPERTY LINE
 - REERT FROM SURFACES REQUIRING GROUND COER CONNECTION IS MADE TO MAINTAIN CORROSION REI
 - ALS INCLUDING EXTERIOR GROUND RING SHALL BE #2UNLESS NOTED OTHERWISE MAKE ALL GROUND COAS POSSIBLE. AVOID SHARP BENDS THE RADIUS OFIAN 8" AND THE ANGLE OF ANY BEND SHALL NOT EX, SHALL BE ROUTED DOWNWARD TOWARD THE BU
 - BOHAND CYLINDRICAL METALLIC OBJECTS WITH A PENBURN GUV SERIES CLAMP OR A BURNDY GAR 39STITUTES ACCEPTED
 - ALLAPPROVED FOR THE METALS BEING CONNECTED
 - ALLSHALL BE EXOTHERMICALLY WELDED ALL EXOTHERMIC WELALL BE THE PARALLEL TYPE, EXCEPT FOR THE GRGRMIC WELDS REPAIR ALL GALVANIZED SURFACES THARMIC WELDING USE SPRAY GALVANIZER SUCH AS HOI
 - CONUCTION MANAGER WHEN THE BURIED GROUND RING IS I CAN INSPECT THE GROUND RING BEFORE IT IS BAO
 - FORISE EXOTHERMIC WELD CONNECTION TO POST
 - WHB-HOLE OR CLAMP) ARE USED, APPLY A LIBERAL PRCE COMPOUND SUCH AS "NO OXIDE A" BY DEEA CONNECTORS THE COATING SHALL BE APPLIED UNDTHE BORROW

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