

**PETITION FOR DECLARATORY STATEMENT  
BEFORE THE FLORIDA BUILDING COMMISSION**

**Company:** UCI2 Construction Services, LLC  
**Address:** 5173 Shadowlawn Ave  
Tampa, FL 33610

**Name:** Todd W. Schlemmer  
**Title:** Vice President  
**Telephone:** 813-386-6202  
**Facsimile:** 813-386-6204  
**Email:** [todds@uci2.net](mailto:todds@uci2.net)

**DS 2020-062**

**Statute(s), Agency Rule(s), Agency Order(s) and/or Code Section(s) on which the Declaratory Statement is sought:**

2017 and 2020 Florida Building Code, Building  
Chapter 2- Definitions

2020 Florida Statute 553  
Building Construction Standards

Florida Administrative Code and Florida Administrative Register  
Rule: 61G4-15.034

**Background:**

UCI2 Construction Services, LLC specializes in wireless communication infrastructure construction services for the major wireless cellular service providers and tower developers throughout the State of Florida. UCI2 holds a Florida Certified Tower Specialty Contractor license, SCC131152079. The DPBR Construction Industry Licensing Board created this license to separate this from a typical Certified General Contractor license.

UCI2 currently has the following projects involving uninhabited communication towers located around the State of Florida.

- Project 1:** This will involve the construction of a 180 ft uninhabited monopole tower and foundation. The monopole is tapered pole sections slipped over top of each section. This starts with a base section bolted to a caisson foundation. Please see Exhibit A for more details.
- Project 2:** This will involve the construction of a 250 ft uninhabited self-support tower and foundations. This is a lattice steel tapered structure which is assembled in sections. Then the sections are bolted on top off each other. The bottom section is bolted to 3 separate caisson foundations. Please see Exhibit B for more details.
- Project 3:** This will involve the construction of a 140 ft uninhabited monocross tower and foundation. The monocross is tapered pole sections slipped over top of each section with a base section bolted to a caisson foundation. The upper sections are bolted to a transition piece along with the cross arms to form the cross. Please see Exhibit C for more details.

Project 4: This will involve the construction of a 600 ft uninhabited guyed tower and foundations. This is a straight lattice steel structure fabricated in sections to be bolted on top of each other. As the tower is constructed it is attached to guy wires which are attached to guy anchors for support. The tower base is bolted to a foundation. The guy anchors are imbedded into foundation blocks. Please see Exhibit D for more details.

UCI2 is seeking clarification on each of the projects if the uninhabited communication tower or structure fall under the definition of a Building or more importantly a Threshold Building. Further clarification is needed on the definitions for uniform interpretation of the code and application of the Florida Statue 553. The code definition interpretations and application of the Florida Statue 553 conflict with the purpose of the Certified Tower Specialty license. Outlined below are the specific issues.

### **2017 and 2020 Florida Building Code, Building**

#### **Chapter 2- Definitions**

##### **Section 202**

**Building:** Any structure used or intended for supporting or sheltering any use or occupancy.

**Threshold Building:** In accordance with Florida Statue, any building which is greater than 3 stories or 50 feet in height, or which has an assembly occupancy classification that exceeds 5,000 square feet in area and an occupant content of greater than 500 persons.

### **2020 Florida Statutes 553-Building Construction Standards**

#### **553.71 Definitions:**

(12) "Threshold building" means any building which is greater than 3 stories or 50 feet in height, or which has an assembly occupancy classification as defined in the Florida Building Code which exceeds 5,000 square feet in area and an occupant content of greater than 500 persons.

#### **553.79 Permits; applications; issuance; inspections**

(7) Each enforcement agency shall require that, on every threshold building:  
a-d list all of the special inspector requirements and certifications

(8) No enforcing agency may issue a building permit for construction of any threshold building except to a licensed general contractor, as defined in s. 489.105(3)(a), or to a licensed building contractor, as defined in s. 489.105(3)(b), within the scope of her or his license. The named contractor to whom the building permit is issued shall have the responsibility for supervision, direction, management, and control of the construction activities on the project for which the building permit was issued.

### **Florida Administrative Code and Florida Administrative Register**

#### **Rule: 61G4-15.034 Certification of Tower Specialty Contractors.**

(1) Scope of Rule. The purpose of this rule is to provide for certification of tower specialty contractors.

(2) Definition. A tower specialty contractor is qualified and certified by the board to perform any work involving the construction, repair and alteration of uninhabitable towers for purposes of communications, energy, water, or utilities; including construction of accessory use structures not exceeding three stories in height which house related equipment.

(3) An applicant for a tower specialty contractor certification shall pass the general contractor examination and shall demonstrate experience in the construction, repair and alteration of towers and accessory use structures.

(4) The additional certification procedures and fees for certified cell tower specialty contractors shall be the same as those provided for the certification of other contractors as defined and set forth in Sections 489.109, 489.111, 489.113, 489.114, 489.115, and 489.116, F.S.

(5) Nothing in this rule shall be deemed to restrict or limit in any manner the scope of work authorized by law of other contractor classifications.

(6) Certified Tower Contractors must maintain applicable worker's compensation and general liability insurance as required by state and federal laws.

*Rulemaking Authority 455.213, 489.108, 489.113(6) FS. Law Implemented 489.105(3)(q), 489.113(6) FS. History--New 6-10-10, Amended 11-10-10.*

### **Questions**

1. Is the uninhabited communication tower or structure in Project 1 defined or classified as a Threshold Building?
2. Is the uninhabited communication tower or structure in Project 2 defined or classified as a Threshold Building?
3. Is the uninhabited communication tower or structure in Project 3 defined or classified as a Threshold Building?
4. Is the uninhabited communication tower or structure in Project 4 defined or classified as a Threshold Building?

### **Summary**

Petitioner respectfully believes the answer is no for all the questions. However, this does not mean the uninhabited communication tower or structure would still not require a special inspection depending upon the jurisdiction. The Threshold Building definition, Threshold Inspection, and permit issuance requirement in the Florida Statute conflicts with the purpose and intent of the Florida Certified Tower Specialty license. It is imperative that a clear and concise interpretation that uninhabited communication towers or structures are not Threshold Buildings. This clarification would seem reasonable to ensure that the code and statutes are uniformly interpreted.

Respectfully Submitted,

UCI2 Construction Services, LLC

By: 

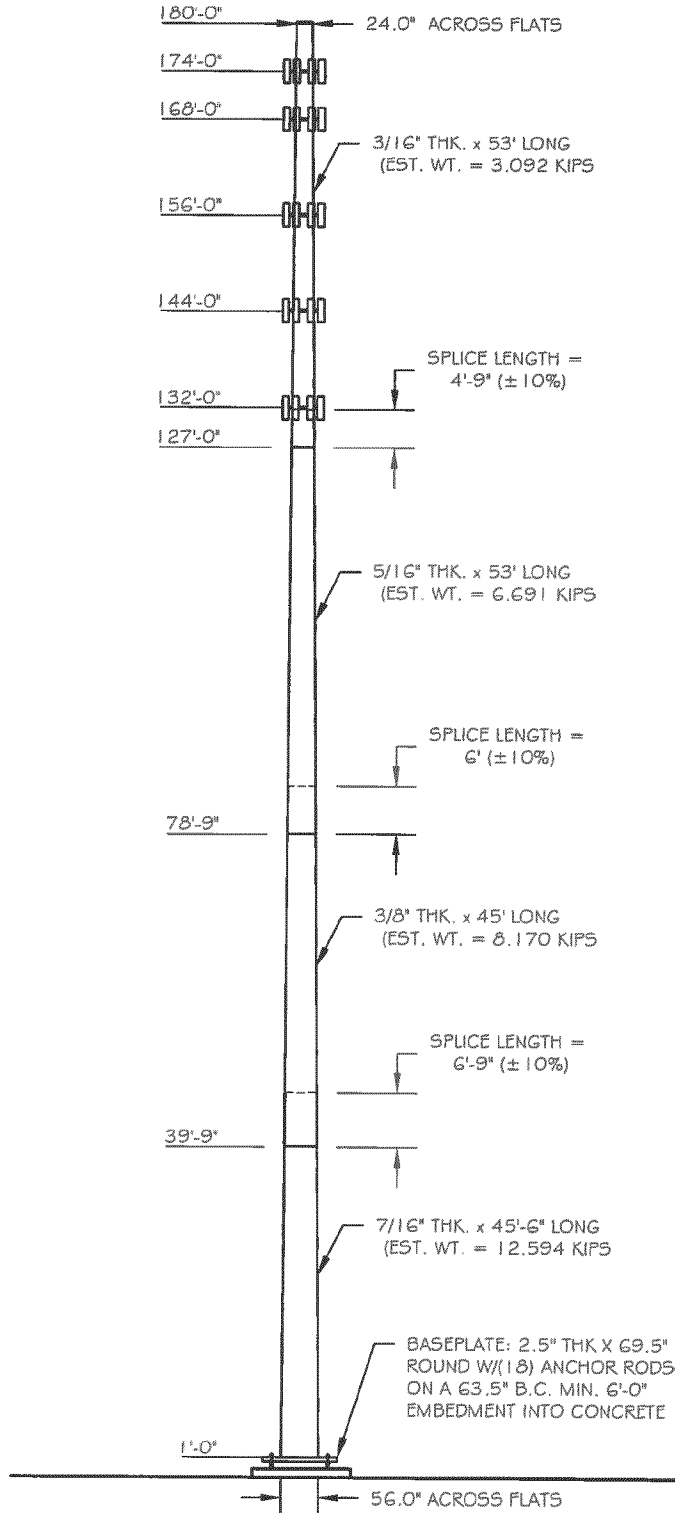
Todd W. Schlemmer  
Vice President



# TAPP

2427 Kelly Lane  
Houston, Texas 77068  
281-444-8277

QUALITY STEEL POLES. DELIVERED.



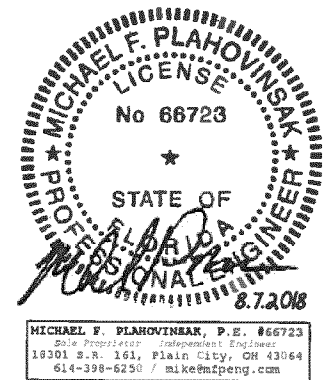
Page 1 of 2	Job Number: 23518-448
Eng: MFP	Customer Ref: TP-16744
	Date: 8/7/2018
Structure: 180-FT MONOPOLE	
Site:	
Location:	
Owner:	
Revision No.:	Revision Date:

DESIGN			
Building Code: 2017 FLORIDA BUILDING CODE			
Design Standard: ANSI/TIA-222-G-2			
Wind Speed Load Cases: 3-SEC. GUSTED WIND SPEED			
Load Case #1: 104 MPH Design Wind Speed			
Load Case #2: 60 MPH Service Wind Speed			
POLE DESIGNED FOR AN EQUIVALENT (V-w) 134 MPH ULTIMATE WIND SPEED			
Structure Class	Exposure Cat.	Topography Cat.	Crest Height
II	C	I	

EQUIPMENT LIST	
Elev.	Description
174	(6) 800-10686 + (7) RRU/RAYCAP
174	SMALL T-ARM MOUNTS
168	(6) 800-10686 + (7) RRU/RAYCAP
168	SMALL T-ARM MOUNTS
156	(6) 800-10686 + (7) RRU/RAYCAP
156	SMALL T-ARM MOUNTS
144	(6) 800-10686 + (7) RRU/RAYCAP
144	SMALL T-ARM MOUNTS
132	(6) 800-10686 + (7) RRU/RAYCAP
132	SMALL T-ARM MOUNTS

ANTENNA FEED LINES ROUTED ON THE INSIDE OF THE POLE

STRUCTURE PROPERTIES					
Cross-Section: 18-Sided			Taper: 0.18855 in/ft		
Shaft Steel: ASTM A572 GR 65			Baseplate Steel: ASTM A572 GR 50		
Anchor Rods: 2.25 in. A615 GR. 75 X 7'-0" LONG					
Sect.	Length (ft)	Thickness (in)	Splice (ft)	Top Dia. (in)	Bot Dia. (in)
1	53.00	0.1875	4.75	24.00	33.99
2	53.00	0.3125	6.00	32.72	42.72
3	45.00	0.3750	6.75	40.96	49.44
4	45.50	0.4375	0.00	47.42	56.00



BASE REACTIONS FOR FOUNDATION DESIGN

Moment: 5797 ft-kp  
Shear: 45 kp  
Axial: 63 kp

Exhibit A  
Page 1 of 2



# TAPP

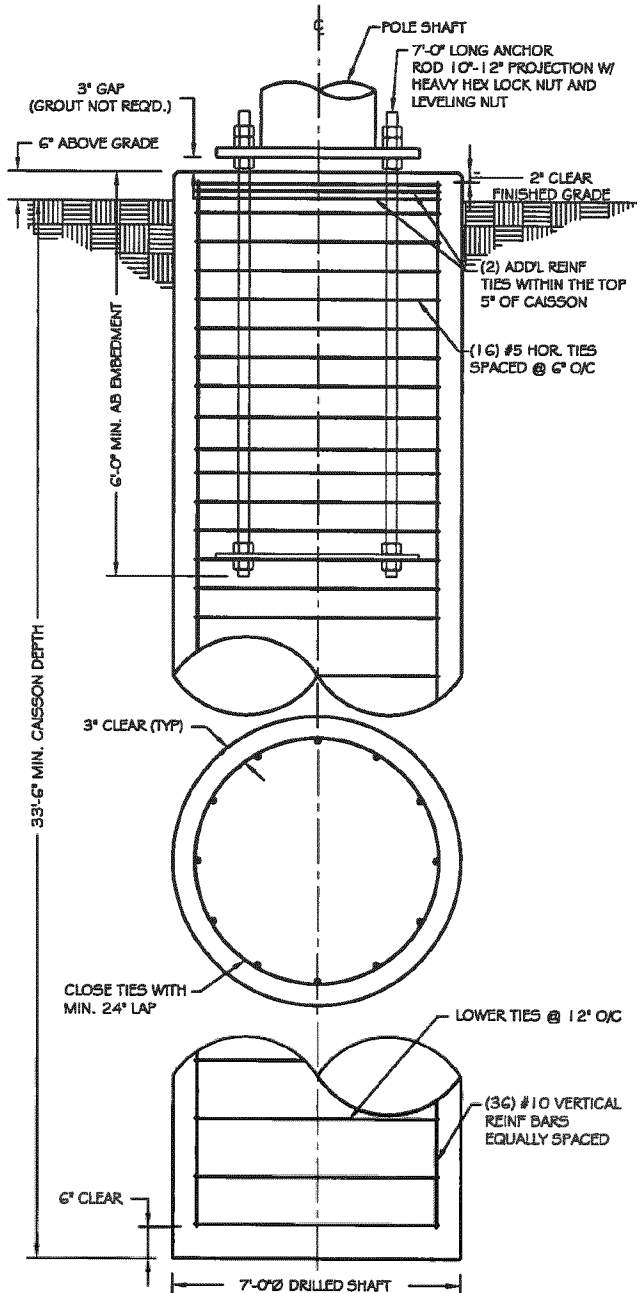
2427 Kelly Lane  
Houston, Texas 77066  
281-444-8277

QUALITY STEEL POLES. DELIVERED.

Page 2 of 2	Job Number: 23518-448
Eng: MFP	Customer Ref: TF-16744
	Date: 8/7/2018
Structure: 180-FT MONOPOLE	
Site:	
Location:	
Owner: TARPON TOWERS	
Revision No.:	Revision Date:

### FOUNDATION NOTES:

1. ALL FOUNDATION CONCRETE SHALL USE TYPE II CEMENT AND ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE SHALL HAVE A MAXIMUM WATER/CEMENT RATIO OF 0.46 AND SHALL BE AIR ENTRAINED 6% ( $\pm 1.5\%$ ). ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318, "THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", LATEST EDITION.
2. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 VERTICAL BARS SHALL BE GRADE 60, AND TIES OR STIRRUPS SHALL BE A MINIMUM OF GRADE 40. THE PLACEMENT OF ALL REINFORCEMENT SHALL CONFORM TO ACI 315, "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", LATEST EDITION.
3. CAISSON FOUNDATION INSTALLATION SHALL BE IN ACCORDANCE WITH ACI 336, "STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF DRILLED PIERS", LATEST EDITION.
4. THE CONTRACTOR SHALL DETERMINE THE MEANS AND METHODS TO SUPPORT THE EXCAVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL READ THE GEOTECHNICAL REPORT AND SHALL CONSULT THE GEOTECHNICAL ENGINEER AS NECESSARY PRIOR TO CONSTRUCTION.
5. FOUNDATION DESIGN IS BASED ON GEOTECHNICAL REPORT BY:  
ENGINEER: BJ ROCK  
REPORT NO.: BJR 18-146 (DATED 3/21/18)
6. ESTIMATED CONCRETE VOLUME = 48 CUBIC YARDS
7. THE FOUNDATION HAS BEEN DESIGNED TO RESIST THE FOLLOWING FACTORED LOADS:  
MOMENT: 5797 FT\*KIPS  
SHEAR: 45 KIPS  
AXIAL: 63 KIPS
8. GEOTECHNICAL REPORT INDICATES GROUNDWATER MAY BE ENCOUNTERED AT 2'-0" BELOW GRADE.



## CAISSON FOUNDATION

NOT TO SCALE

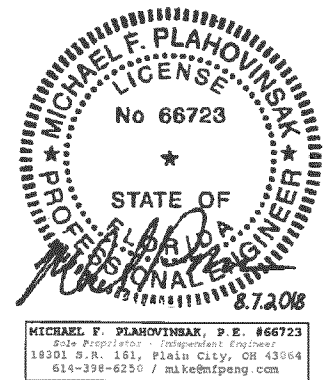
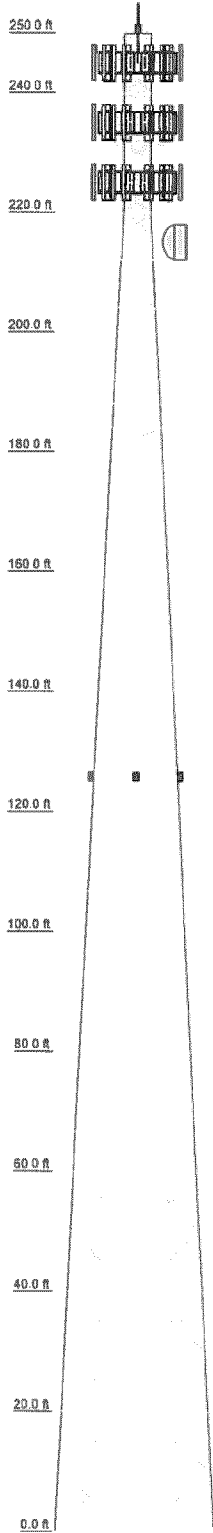


Exhibit A  
PAGE 2 of 2

Section	T13	T12	T11	T10	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs	SR 4 3/4	SR 4 3/4	SR 4 1/2	SR 4 3/4	SR 4	SR 3 3/4	SR 3 3/4	SR 3	SR 3 1/4	SR 3	SR 2 3/4	SR 2 1/4	SR 1 3/4
Diagonals	L4x4x1/4	L4x4x1/4	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16
Diagonal Grade													
Top Chords													
Horizontals	L4x4x1/4	L4x4x1/4	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16	L3 1/2x3 1/2x3/16
Recd. Horizontals	L3x3x3/16	L3x3x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16
Recd. Diagonals	L3x3x3/16	L3x3x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16
Inner Bracing	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8	L2x2x1/8
Face Width (ft)	24.5	24.5	22.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
# Panels @ (ft)	6 @ 10	6 @ 10	6 @ 10	6 @ 10	6 @ 10	6 @ 10	6 @ 10	6 @ 10	6 @ 10	6 @ 10	6 @ 10	6 @ 10	6 @ 10
Weight (lb)	8722.6	8882.0	5829.6	5323.1	5719.4	4877.1	4238.4	3593.8	2550.3	2062.7	1705.9	1378.4	111.9



**DESIGNED APPURTENANCE LOADING**

TYPE	ELEVATION	TYPE	ELEVATION
Lightning Rod	250	RooDC-3315-PF-48	235
L-864 Beacon	250	RooDC-3315-PF-48	235
(4) QS8658-3	245	Sector Mount	235
(4) QS8658-3	245	Sector Mount	235
(4) QS8658-3	245	Sector Mount	235
(2) RRU	245	(4) QS8658-3	225
(2) RRU	245	(4) QS8658-3	225
(2) RRU	245	(4) QS8658-3	225
RooDC-3315-PF-48	245	(2) RRU	225
RooDC-3315-PF-48	245	(2) RRU	225
RooDC-3315-PF-48	245	(2) RRU	225
Sector Mount	245	RooDC-3315-PF-48	225
Sector Mount	245	RooDC-3315-PF-48	225
Sector Mount	245	RooDC-3315-PF-48	225
(4) QS8658-3	235	Sector Mount	225
(4) QS8658-3	235	Sector Mount	225
(4) QS8658-3	235	Sector Mount	225
(2) RRU	235	UHX6-59	215
(2) RRU	235	L-810 Side Light	125
(2) RRU	235	L-810 Side Light	125
RooDC-3315-PF-48	235	L-810 Side Light	125

**SYMBOL LIST**

MARK	SIZE	MARK	SIZE
A	L1 3/4x1 3/4x1/8		

**MATERIAL STRENGTH**

GRADE	Fy	Fu	GRADE	Fy	Fu
A529-50	50 ksi	65 ksi			

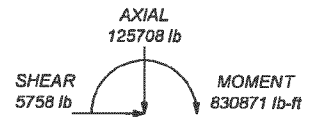
**TOWER DESIGN NOTES**

1. Tower is located in Gilchrist County, Florida.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 121 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 30 mph basic wind with 0.25 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. Connections use galvanized A325 bolts, nuts and locking devices. Installation per TIA/EIA-222 and AISC Specifications.
9. Tower members are "hot dipped" galvanized in accordance with ASTM A123 and ASTM A153 Standards.

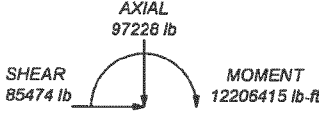
ALL REACT<sup>10</sup> TOWER RATING: 98.6% ARE FACTORED

MAX. CORNER REACTIONS AT BASE:  
 DOWN: 564286 lb  
 SHEAR: 54995 lb

UPLIFT: -484464 lb  
 SHEAR: 47625 lb



TORQUE 1558 lb-ft  
 30 mph WIND - 0.2500 in ICE



TORQUE 23463 lb-ft  
 REACTIONS - 121 mph WIND



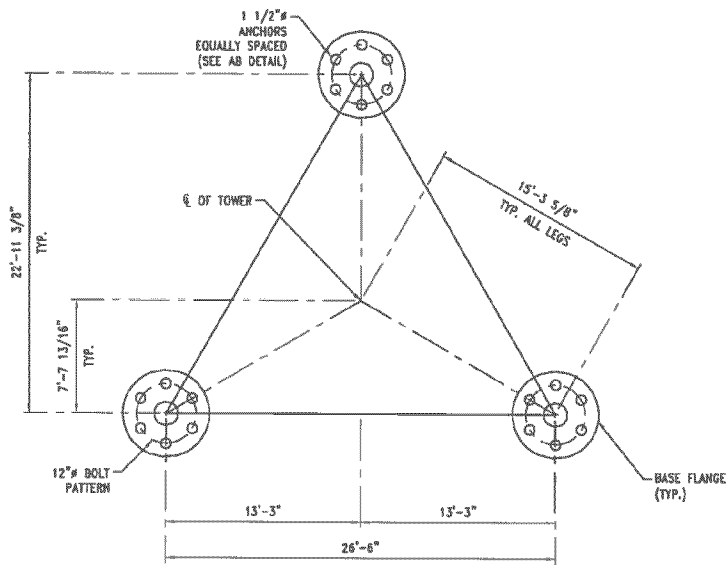
This design may not be used without the written consent of CASE, Inc.

<b>CASE, Inc.</b> P.O. Box 4825 Lafayette, LA 70501 Phone: 337-232-3336 FAX: mgranberry@casengr.com	Job: <b>56798 Final Design Rev 0 (100' Fall Radi</b>	Project: <b>250' SST F</b>	Client: <b>[REDACTED]</b>	Drawn by: <b>MJG</b>	App'd: <b>[REDACTED]</b>
	Code: <b>TIA-222-H</b>	Date: <b>03/04/20</b>	Scale: <b>NTS</b>	Dwg No: <b>E-1</b>	

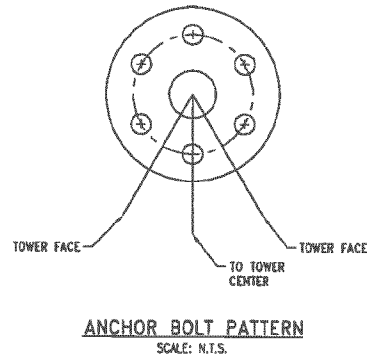
Exhibit B  
 Page 1 of 3

**ESTIMATED QUANTITIES (PER FOOTING)**

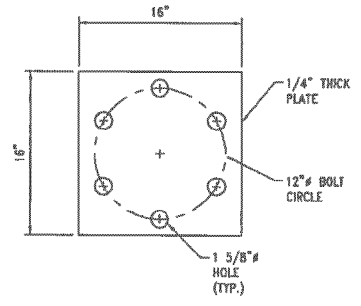
BAR	NO.	DESCRIPTION	TOTAL LENGTH	REMARKS
AB1	1B	1 1/2" SOLID ROD	6'-0"	ASTM F1554-10S



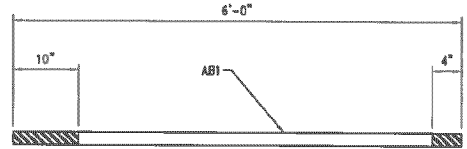
**ANCHOR BOLT LAYOUT**  
SCALE: N.T.S.



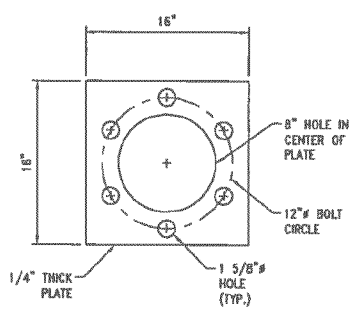
**ANCHOR BOLT PATTERN**  
SCALE: N.T.S.



**P01**  
SCALE: N.T.S.



**ANCHOR BOLT DETAIL**  
SCALE: N.T.S.



**P02**  
SCALE: N.T.S.

<p><b>C.A.S.E.</b> LAFAYETTE, LOUISIANA (337) 232-3336 WWW.CASENGR.COM</p>						DALEY TOWER SERVICE, INC. CARENCRO, LA DALEY JOB NO.: 56798	250' SELF SUPPORTER	<b>ANCHOR DETAILS</b>		

*Exhibit B  
Page 2 of 3*

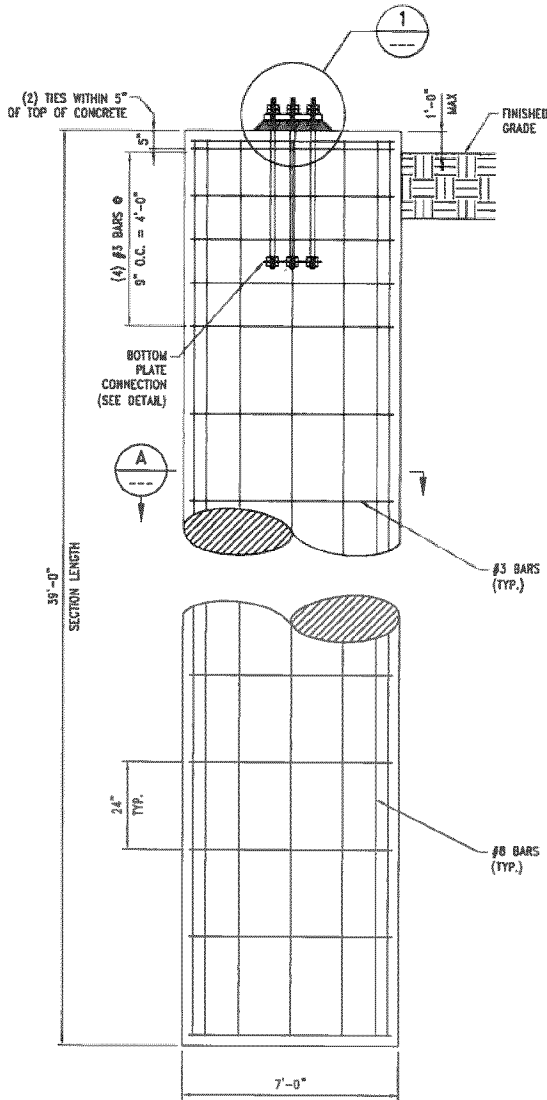
**GENERAL NOTES:**

**CONCRETE:**  
 USE TYPE 1 CEMENT  
 ADMIXTURES - USE NO CALCIUM CHLORIDE  
 RECOMMENDED SLUMP - 5"-7"  
 4000 PSI COMPRESSIVE STRENGTH @ 28 DAYS  
 PLACE CONCRETE PER ACI-318 CODE  
 VIBRATE CONCRETE AT PLACEMENT  
 ALL REINFORCING STEEL TO HAVE MINIMUM OF 3" CONCRETE COVER  
 USE TREMIE IF REQUIRED, DO NOT DROP CONCRETE THRU WATER.  
 USE CASING OR SLURRY AS REQUIRED TO MAINTAIN SHAFT DIAMETER.

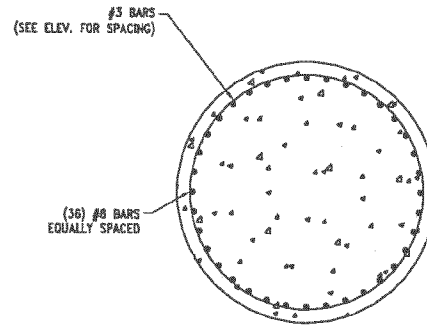
- \* TOTAL WT. OF REBAR = 3,896 LBS
- \* TOTAL CU.YD. OF CONCRETE = 55.59 CU.YD.

**ESTIMATED QUANTITIES (PER FOOTING)**

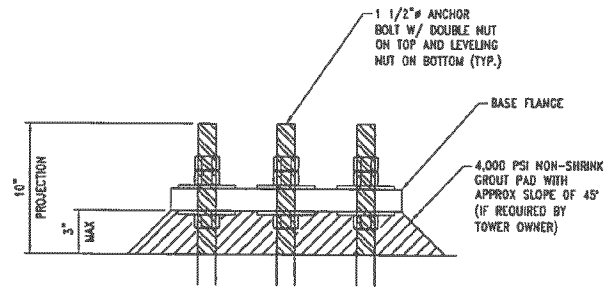
BAR	NO.	DESCRIPTION	TOTAL LENGTH	REMARKS
#3	24	#3 RES	21'-6"	ASTM A615-60
#8	36	#8 LONG REBAR	38'-6"	ASTM A615-60
AB1	6	1 1/2" SOLID ROD	6'-0"	ASTM F1554-10S



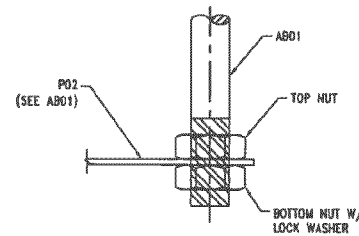
**SHAFT DETAILS**  
SCALE: NTS



**SECTION A**  
SCALE: N.T.S.



**DETAIL 1**  
SCALE: NTS



**BOTTOM PLATE CONNECTION DETAIL**  
SCALE: NTS

**NOTE:**  
 THIS FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL REPORT  
 NO. BJR 20-120 PREPARED BY BJ ROCK, LLC FOR THE WILLIFORD  
 TOWER SITE IN GILCHRIST COUNTY, FL.

**C.A.S.E.**  
 LAFAYETTE, LOUISIANA  
 (337) 232-3336  
 WWW.CASENGR.COM

NO.	DATE	REVISION DESCRIPTION	BY	APPR. BY
1	3-5-2020	ISSUED FOR CONSTRUCTION	TJ	MJC

DALEY TOWER SERVICE, INC. CARENDRO, LA DALEY JOB NO.: 56798		 250' SELF SUPPORTER DRILLED SHAFT
DRAWN BY: TJ	DESIGNED BY: MJC	
DATE: 3-5-2020	CASE JOB NO.: 19383	DRAWING NO. 19383-FD01
		REV.

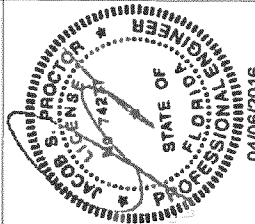
*Exhibit B*  
*PAGE 3 of 3*





**STEALTH<sup>®</sup>**  
**FIRST IN CONCEALMENT<sup>™</sup>**  
 1000 STEALTH DRIVE  
 NORTH CHARLESTON, SC 29404  
 P: (803) 795-0868 F: (803) 207-0267  
 WWW.STEALTHCONCEALMENT.COM

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04/06/2016

DRAWING NOT TO SCALE UNLESS SPECIFIED OTHERWISE. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

DATE: 04/06/2016  
 DRAWN BY: [REDACTED]  
 CHECKED BY: [REDACTED]  
 DESIGNED BY: [REDACTED]



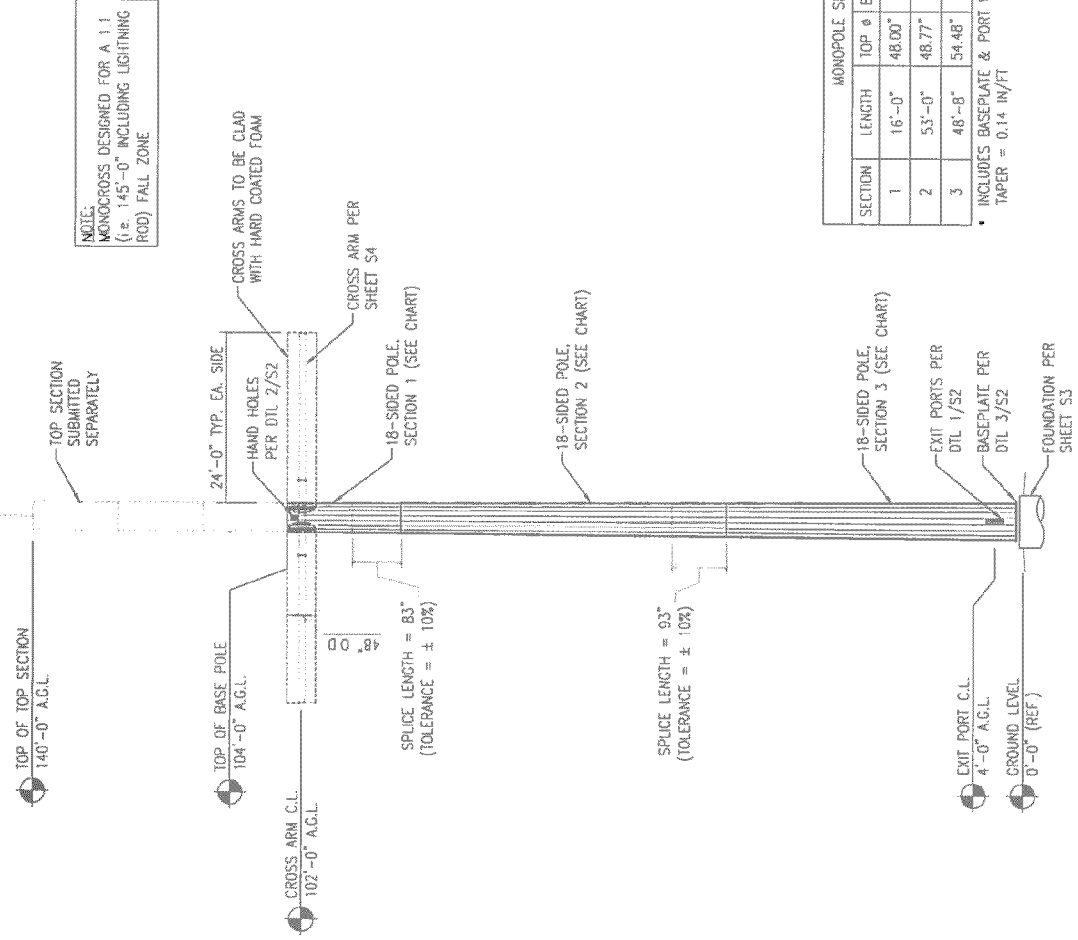
**ELEVATIONS**

NO. P.L. 0216-0216-0585  
 DRAWING: DR-004  
 DESIGNER: LHM/DFE  
 REVISION: LHM/DFE

<b>S1</b>	<b>3</b>
4/6/16	

We are STEALTH<sup>®</sup>. The <sup>®</sup> Makes the Difference!

**NOTE:**  
 MONOPOLE DESIGNED FOR A 1:1  
 (i.e. 145'-0" INCLUDING LIGHTNING  
 ROD) FALL ZONE



SECTION	LENGTH	TOP Ø	BOTTOM Ø	THICKNESS	WEIGHT
1	16'-0"	48.00"	50.24"	1/4"	2.2 K
2	53'-0"	48.77"	56.19"	5/16"	9.3 K
3	48'-8"	54.48"	61.30"	5/16"	11.7 K*

\* INCLUDES BASEPLATE & PORT WEIGHT  
 TAPER = 0.14 IN/FT

**ELEVATION**

**VECTOR**  
 CONSULTANTS  
 9138 S. STATE STREET, SUITE 101  
 JACKSONVILLE, FL 32217  
 P: (904) 980-1775  
 VECTOR PROJECT: U016-066-01  
 VECTOR DRAWING NUMBER: CDA 28629  
 FL PERM LICENSE NUMBER: CDA 28629

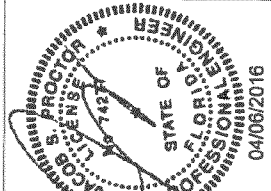
*Exhibit C  
 page 1 of 2*



**STEALTH®**  
FIRST IN CONCEALMENT™

STEALTH, INC.  
NORTH CHARLESTON, SC 29405  
P: (803) 735-8669 F: (803) 207-0287  
WWW.STEALTHCONCREALMENT.COM

THE INFORMATION CONTAINED IN THIS DRAWING SET IS PROPRIETARY & CONFIDENTIAL BY NATURE. ANY USE OR DISCLOSURE OTHER THAN AS SPECIFICALLY AUTHORIZED BY STEALTH IS STRICTLY PROHIBITED.



04/06/2016

DRAWING NOT TO SCALE UNLESS SPECIFIED OTHERWISE. DIMENSIONS IN INCHES.

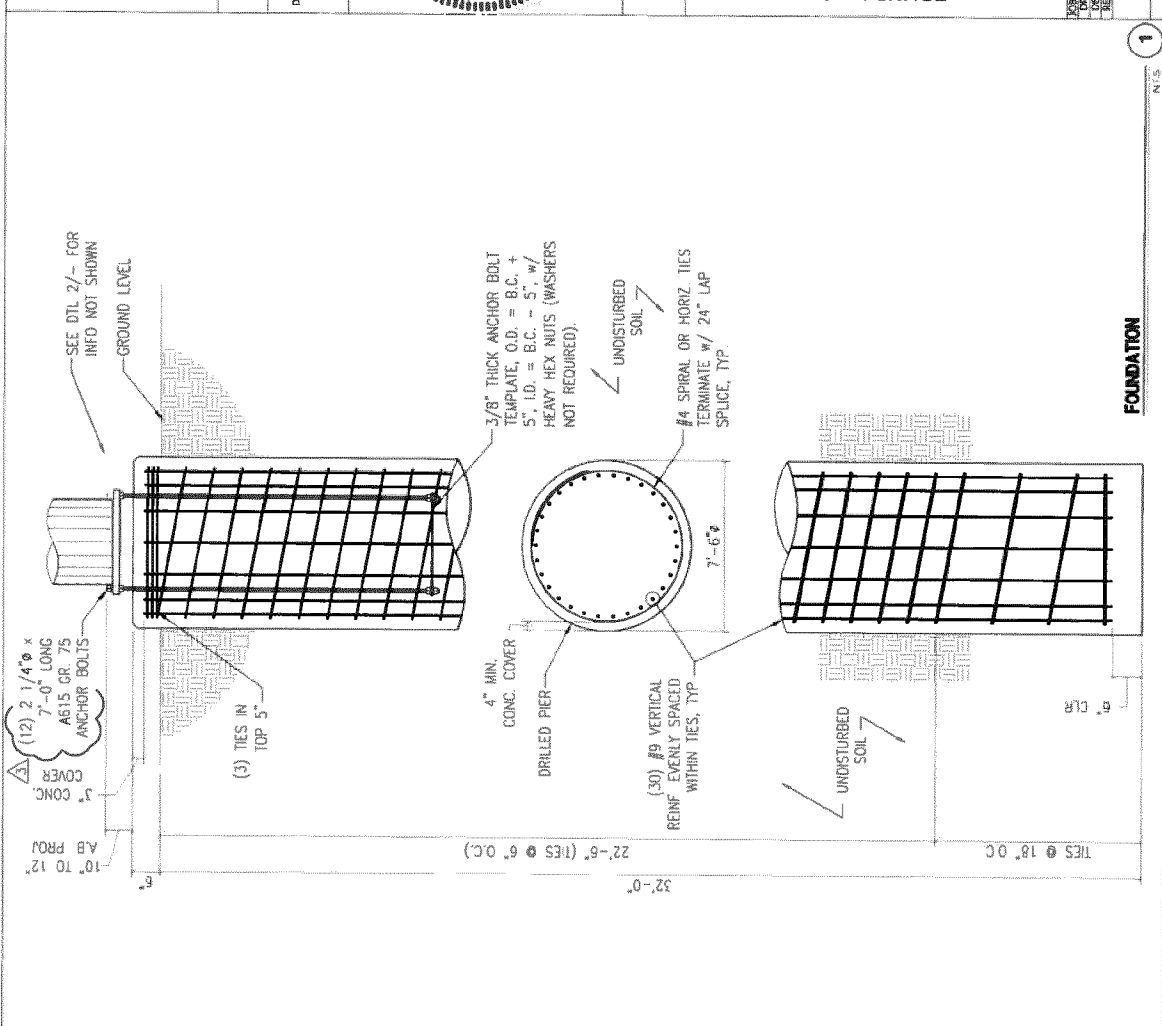
SCALE: AS SHOWN

DATE: 4/6/16

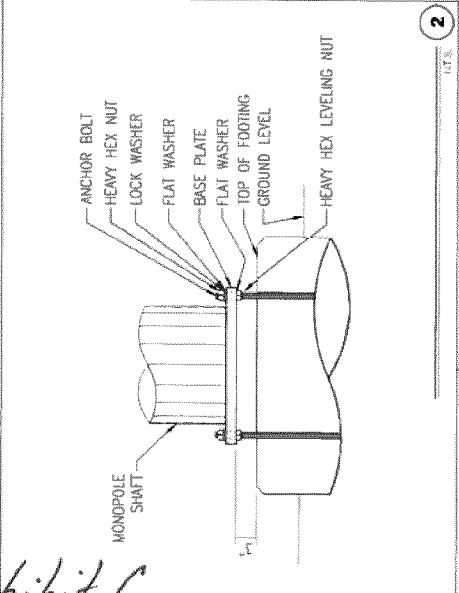
**FOUNDATION**

DESIGNED BY: [REDACTED]	DATE: 4/6/16
DRAWN BY: [REDACTED]	
CHECKED BY: [REDACTED]	
REVIEWED BY: [REDACTED]	
DATE: 4/6/16	
SCALE: 1/8" = 1'-0"	
PROJECT: [REDACTED]	
CLIENT: [REDACTED]	
LOCATION: [REDACTED]	
NO. OF SHEETS: 3	
SHEET NO.: 3	

We are STEALTH®. The Difference.



- FOUNDATION NOTES:**
- FOUNDATION DESIGN IS BASED ON THE FOLLOWING GEOTECHNICAL REPORT:  
 BJ ROCK GEOENGINEERING  
 REPORT: 15-298  
 DATE: AUGUST 12, 2015
  - ALL CONCRETE SHALL USE TYPE II PORTLAND CEMENT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE SHALL BE AIR ENTRAINED (8 ± 1.5%). CONCRETE SHALL HAVE A MAXIMUM WATER/CEMENT RATIO OF 0.45. CONCRETE SHALL HAVE A SLUMP OF 6" TO 8". ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH "THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE," ACI 318-11.
  - REINFORCING STEEL SHALL CONFORM WITH THE REQUIREMENTS OF ASTM A-615, GRADE 60. ALL REINFORCING DETAILS SHALL CONFORM TO "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," ACI 315-05, LATEST EDITION, UNLESS DETAILED OTHERWISE ON THIS DRAWING.
  - INSTALLATION OF DRILLED PIERS MUST BE OBSERVED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER FIRM. GEOTECHNICAL ENGINEER TO PROVIDE A NOTICE OF INSPECTION FOR THE BUILDING INSPECTOR FOR REVIEW AND RECORD PURPOSES.



**VECTOR**  
ENGINEERS & ARCHITECTS

8138 S. STATE STREET, SUITE 101  
 JACKSONVILLE, FL 32216  
 P: (904) 980-1775 F: (904) 980-1776  
 VECTOR PROJECT 10142-888-161  
 FL FIRM LICENSE NUMBER: 004 28638

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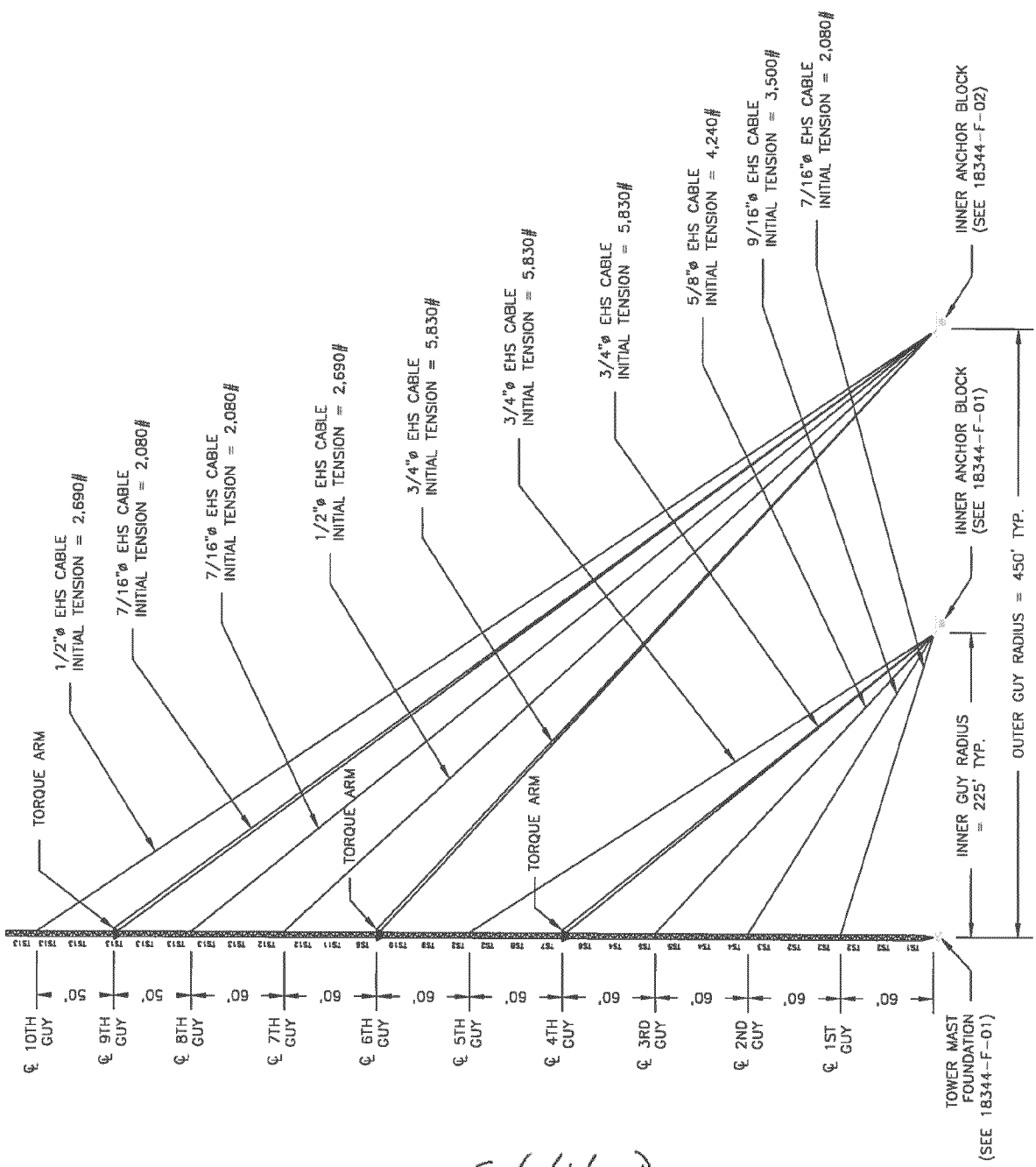
Exhibit C  
Page 2 of 2

**600' FOOT GUYED TOWER**

- (1) STANDARD TS1 SECTION
- (6) STANDARD TS2 SECTION
- (1) STANDARD TS3 SECTION
- (3) STANDARD TS4 SECTION
- (2) STANDARD TS5 SECTION
- (2) STANDARD TS6 SECTION
- (1) STANDARD TS7 SECTION
- (1) STANDARD TS8 SECTION
- (1) STANDARD TS9 SECTION
- (1) STANDARD TS10 SECTION
- (1) STANDARD TS11 SECTION
- (2) STANDARD TS12 SECTION
- (8) STANDARD TS13 SECTION

REV.	DATE:
A	
A	
A	

STRUCTURE: 600' GUYED TOWER
LOCATION: [REDACTED]
DETAIL: GUY WIRE ELEVATION
OWNER: [REDACTED]
DATE: 1/2/19
DRAWN: TJ
CHKD: MJG
CASE JOB NO.: 18344
DALEY JOB NO.: 56312
Civil and Structural Engineers, Inc. P.O. Box 4825 Lafayette, LA 70502 Ph: (337) 232-3336
SHEET S1



**ELEVATION**

*Exhibit D*  
*Page 1 of 3*



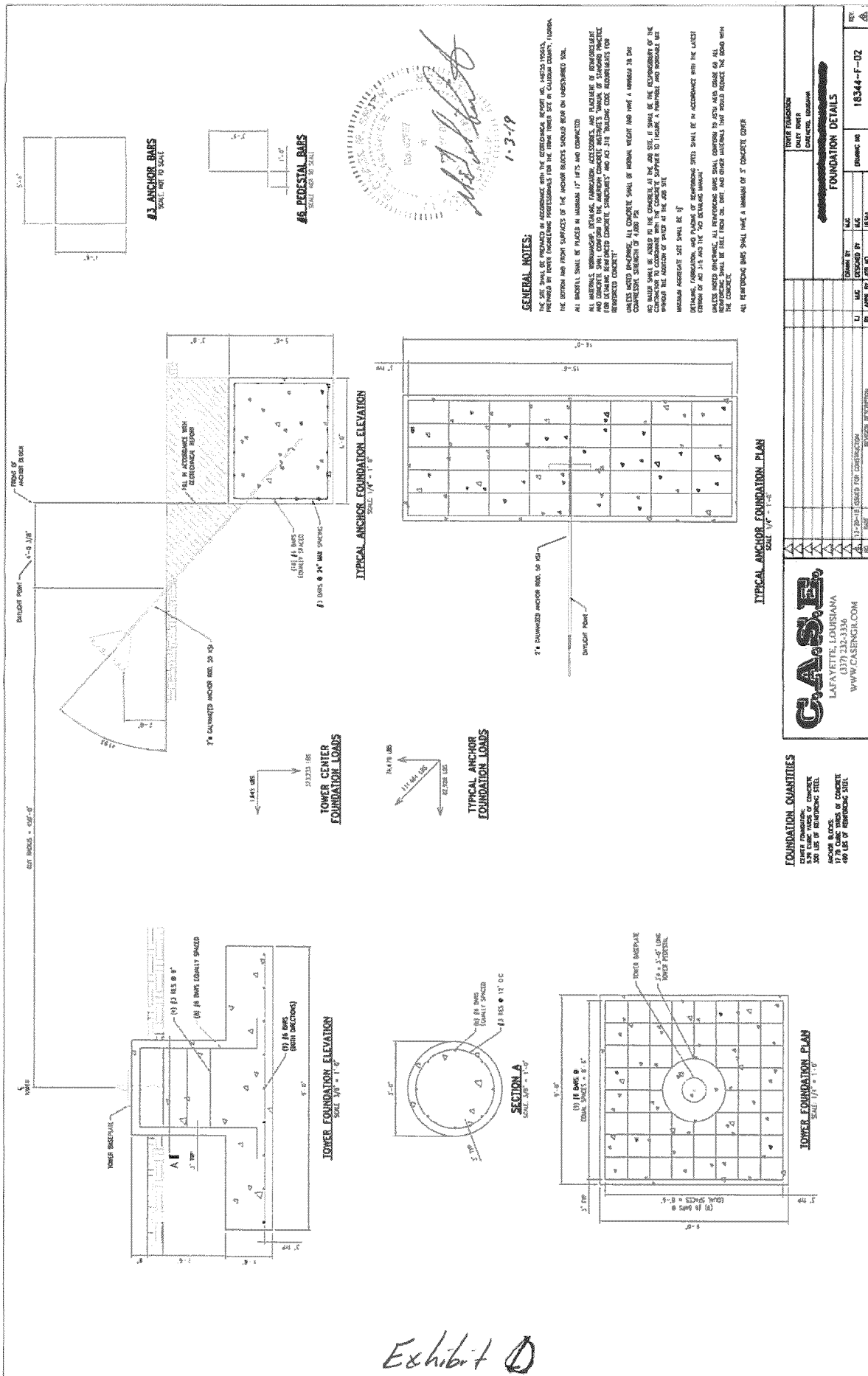


Exhibit D  
 PAGE 3 of 3

**C.A.S.E.I.**  
 LAFAYETTE, LOUISIANA  
 (337) 232-3336  
 WWW.CASINGR.COM

**FOUNDATION DETAILS**

DATE: 12-20-18  
 DRAWN BY: MJC  
 CHECKED BY: MJC  
 SCALE: AS SHOWN

PROJECT NO: 18344-F-02

**FOUNDATION QUANTITIES**

CLERK FOUNDATION:	3.79 CUBIC YARDS OF CONCRETE
	400 LBS OF REINFORCING STEEL
TOWER FOUNDATION:	17.78 CUBIC YARDS OF CONCRETE
	490 LBS OF REINFORCING STEEL