

TOWER MAPPING REPORT

MARCH 27, 2023

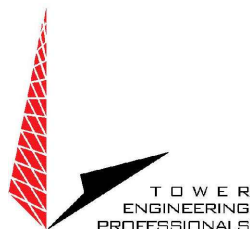
**SITE NAME: WMPN
ASR NUMBER: 1046007
TEP#: 250673.814215**

**4700 OAKLEY PALESTINE RD.
RAYMOND, MS 39154
(HINDS COUNTY)**



PREPARED FOR:

**Mississippi Authority for
Educational Television**



TOWER MAPPING

Site Name WMPN
 TEP # 250673.814215
 Client # N/A
 Date 03/27/23
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CHECKLIST

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Checklist & Notes	EAJ	2	0	
Tower Elevation	EAJ	3-8	0	
Tower Section Elevation	EAJ	9-20	0	
Anchor Head Details	EAJ	21-22	0	
Transmission Cables	EAJ	23-24	0	
Waveguide Details	EAJ	25	0	
Ladder Details	EAJ	26	0	
Antenna and Mount Sketch	EAJ	27-43	0	
Modifications	EAJ	44	0	
Photos	EAJ	45-48	0	

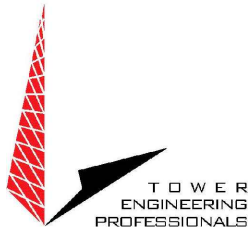
NOTES

Latitude:	N 32°11'30.42"	Longitude:	W 90° 24'22.71"
Ground Elevation:	348'±		
Site Address:	4700 OAKLEY PALESTINE RD., RAYMOND, MS 39154		
Special Access Issues (Key Entry, Hidden/Unmarked Access, FM/TV on tower):	N/A		
ASR#:	1046007		
Tower ID Plate:	N/A		
Existing Carriers/Site #:	N/A		
Gate Combo:	0705		
Special Access Issues:	N/A		

Signature of Crew Leader *Luke Meadows*
 Print Name: Luke Meadows

Signature of Crew Member *Sam Clark*
 Print Name: Sam Clark

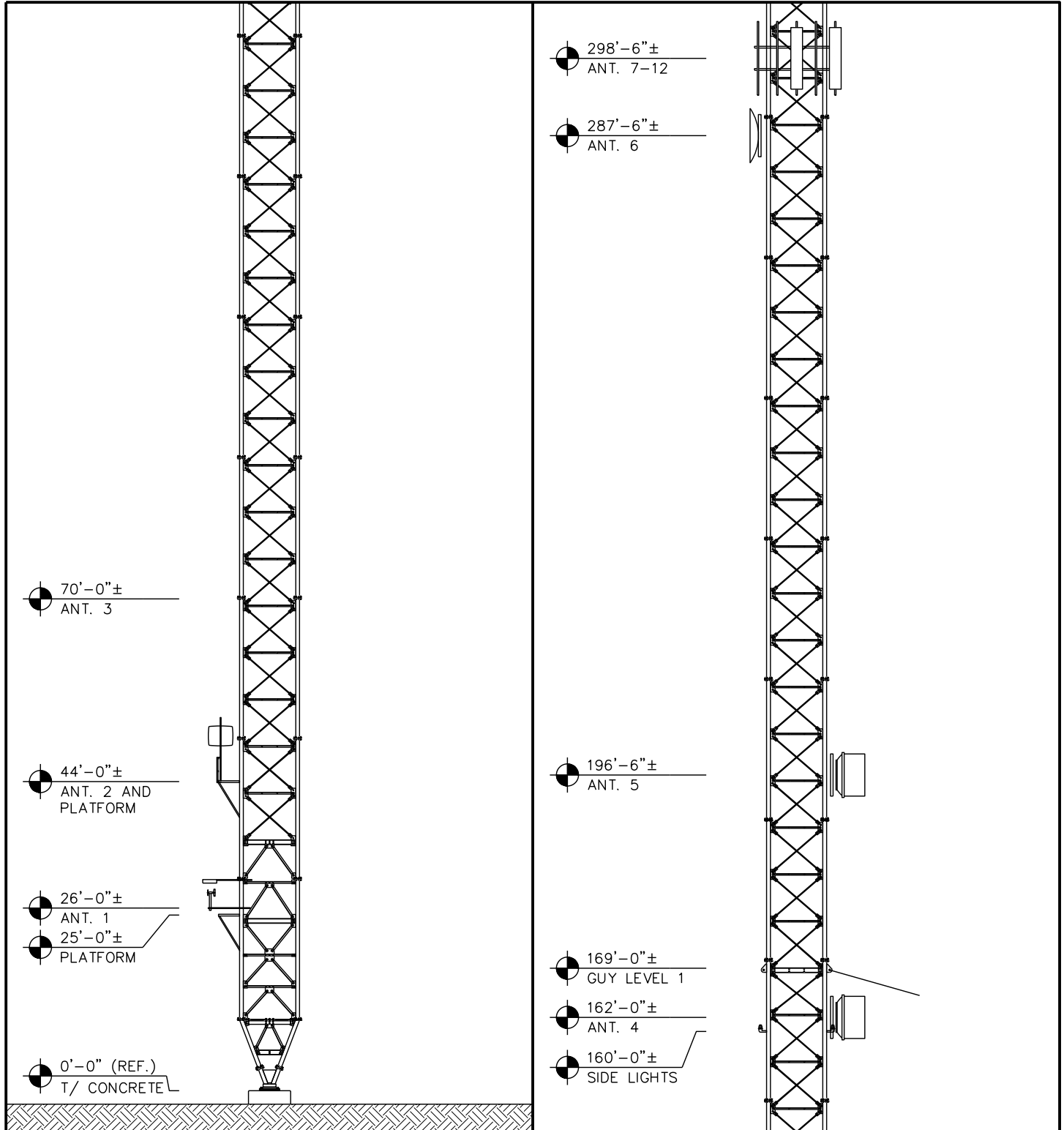
Abbreviations:	AGL: Above Ground Level	L: Angle	S.B.: Stitch Bolts
	BP: Bent Plate	2L: Double Angle	Schl: Schifflerized Angle
	B-B: Bolt to Bolt	MC: Metal Conduit	SM: Smooth Helix
	C-C: Center to Center	ME: Minimum Edge	SP: Spacing
	C: Channel	MOD: Modification	SR: Solid Rod
	CNR: Could Not Record	PL: Plate	Th: Thickness
	EW: Elliptical Waveguide	RC: Rigid Conduit	Tri: Triangular
	FH: Foam Helix	RHSS: Round Hollow Struct. Section	

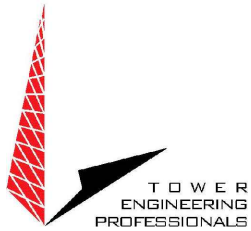


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TOWER ELEVATION

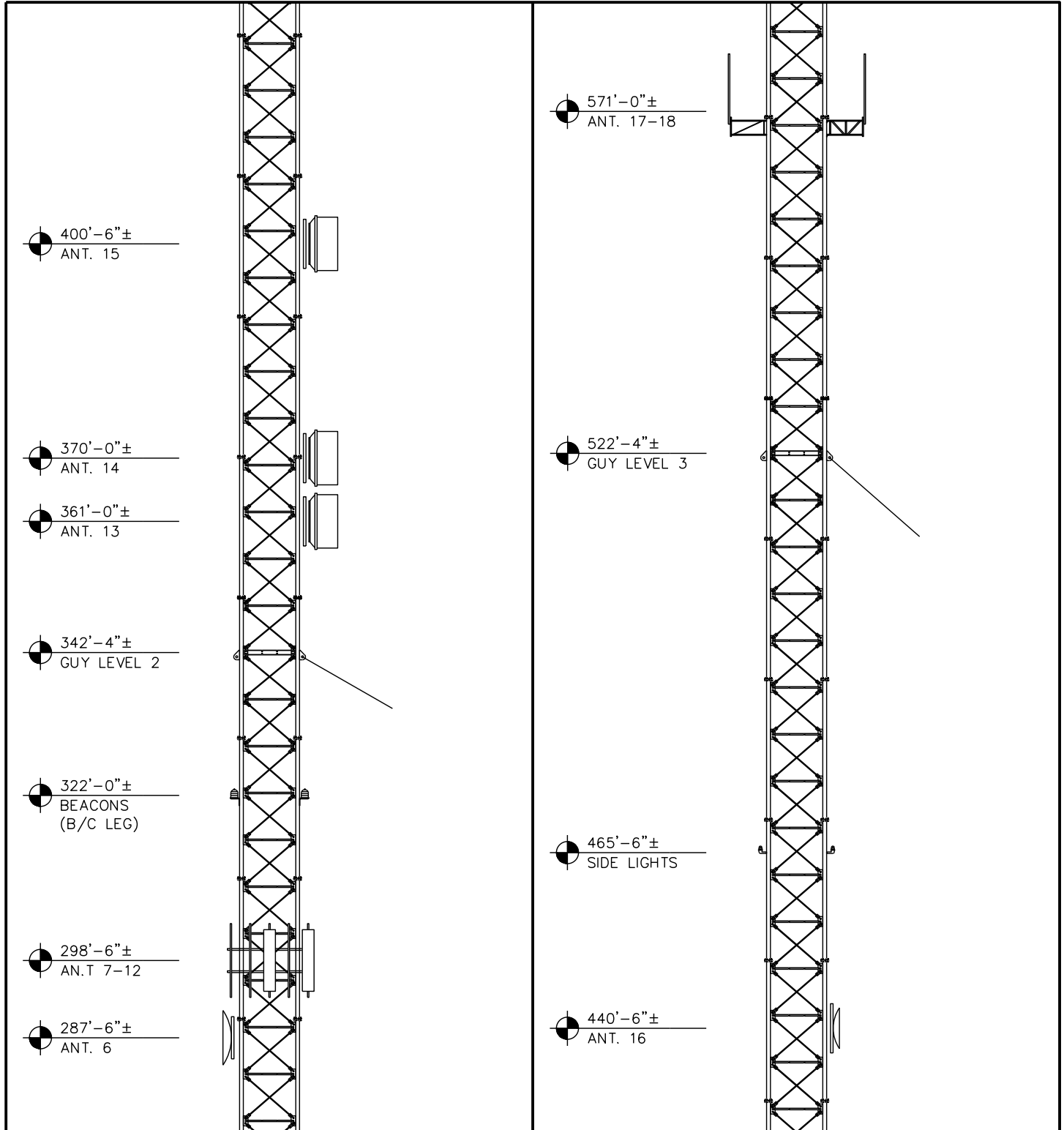


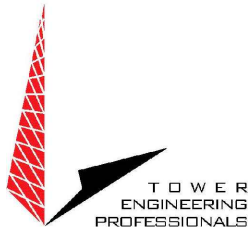


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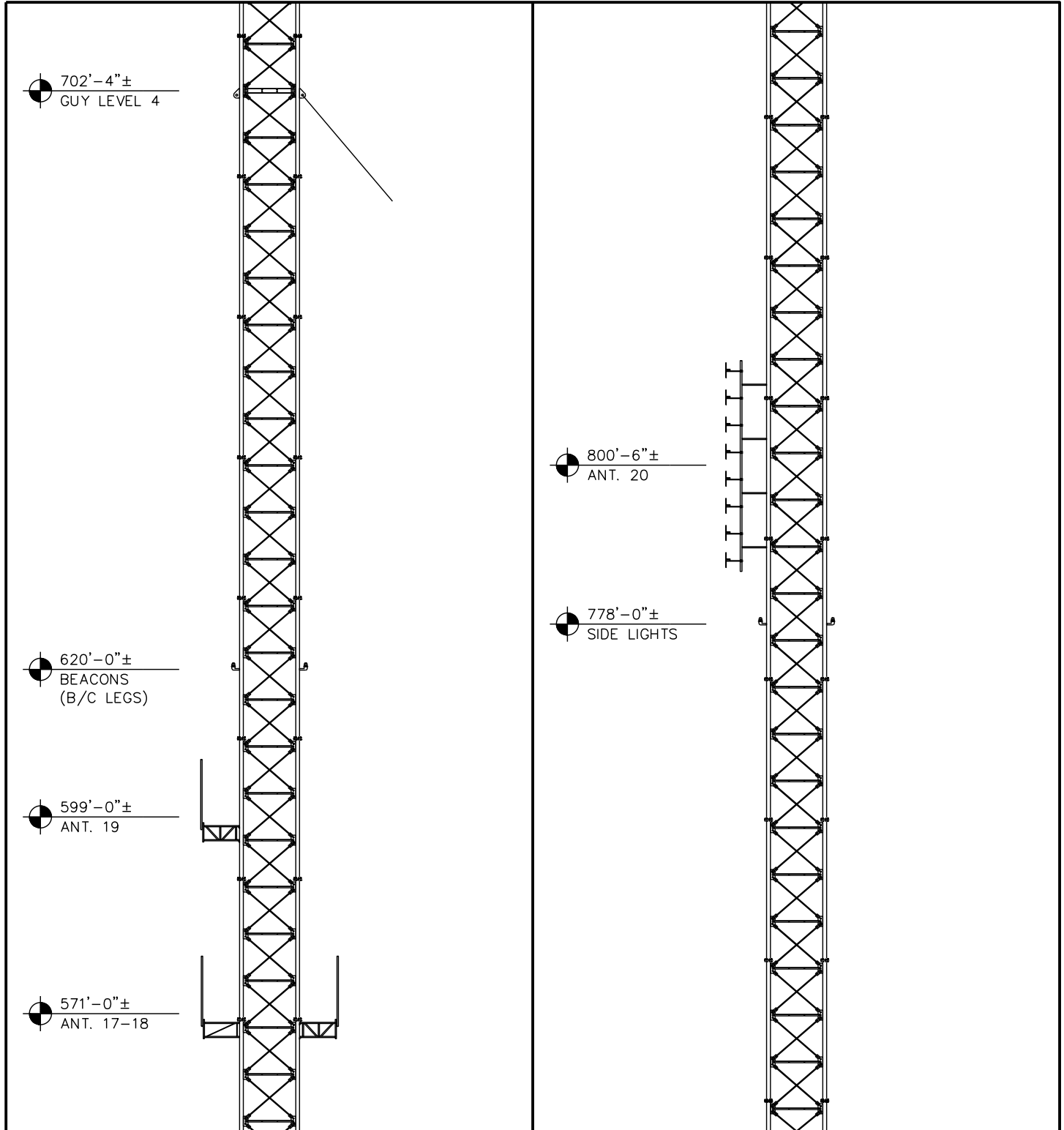


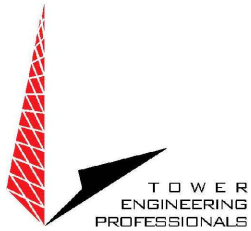


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TOWER ELEVATION

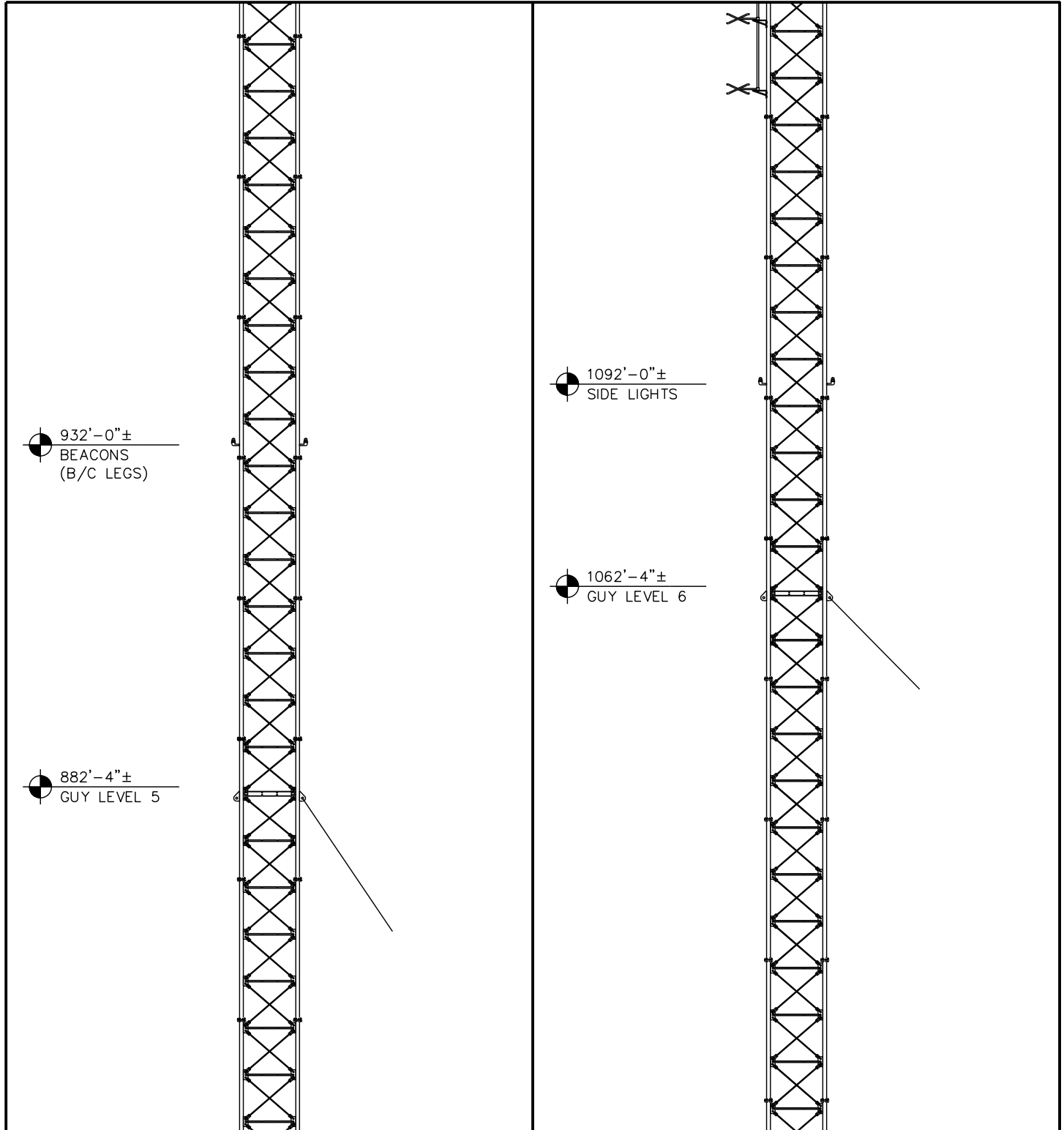


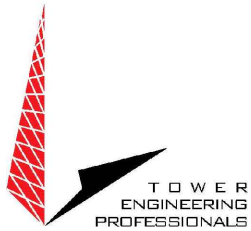


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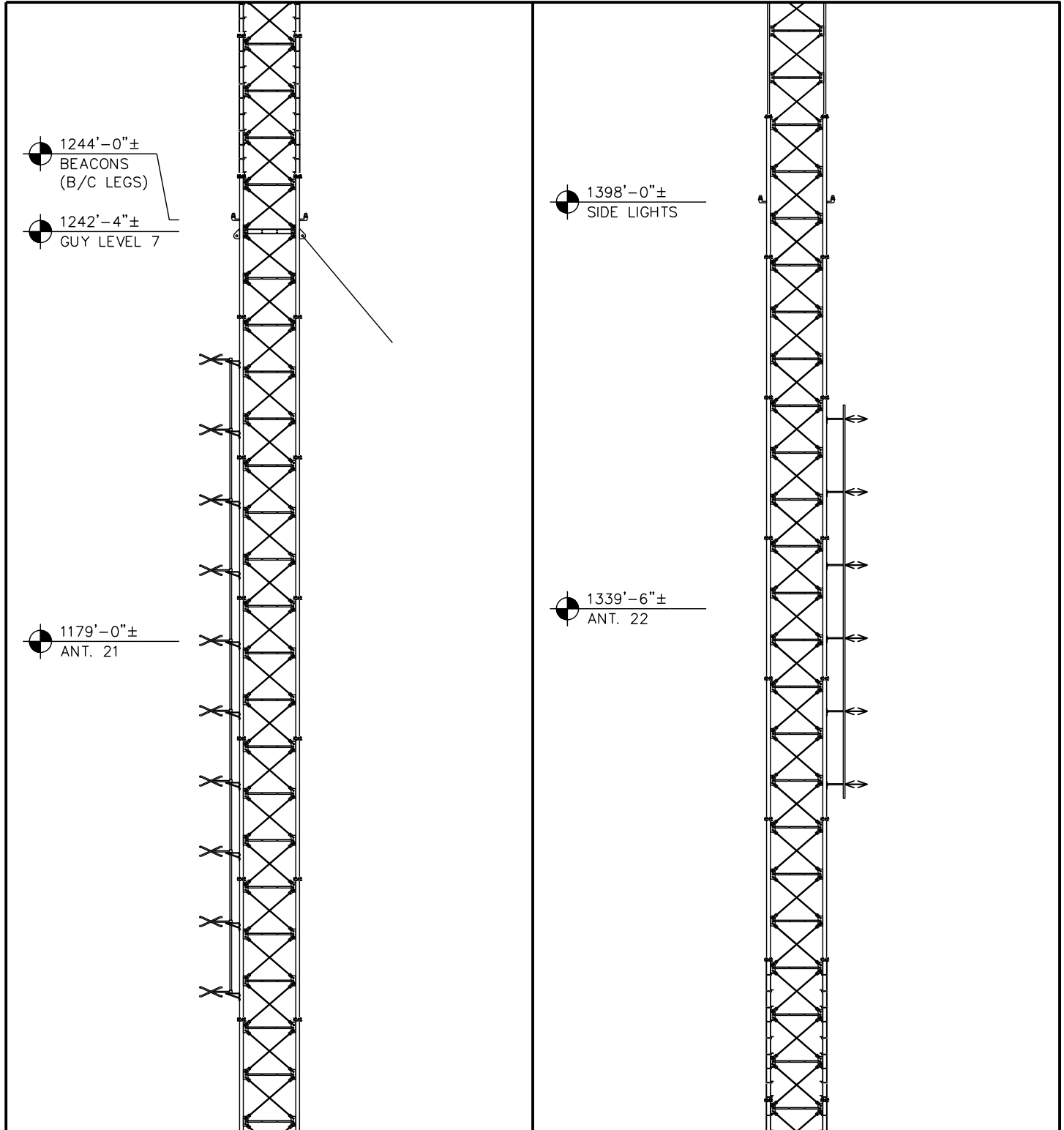


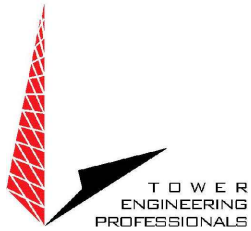


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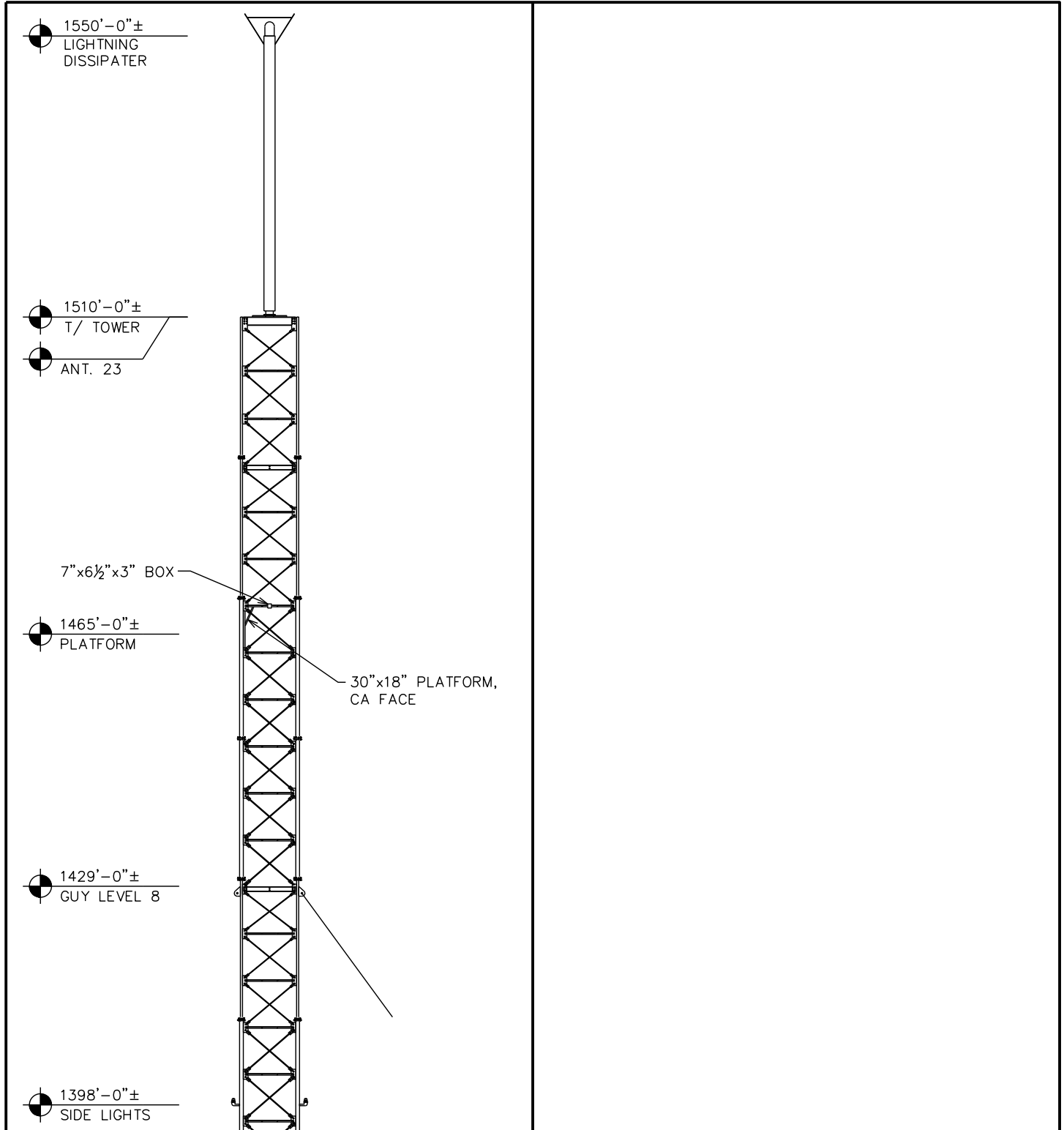


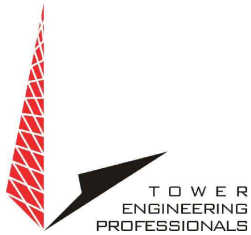


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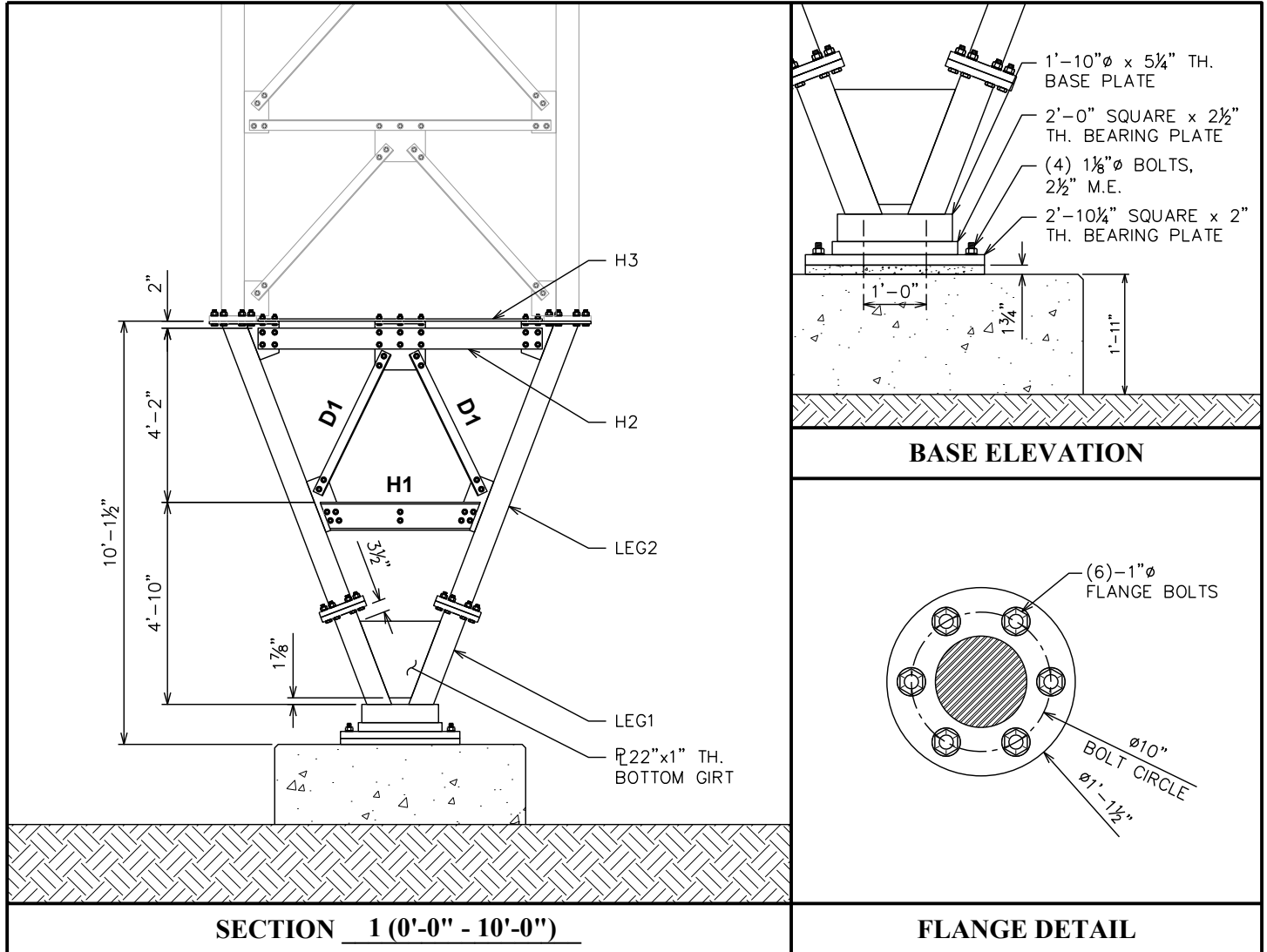


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Face Width at Bottom 1'-0"

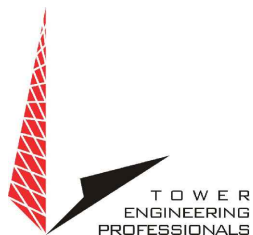
TOWER MAPPING

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TOWER SECTION ELEVATION



Member	Size	Bolts	Stitch Bolt	Gussets/Flange
LEG 1	6.6"Ø SOLID ROD	(6) 1"Ø BOLTS	--	1 1/2" THICK
LEG 2	6.6"Ø SOLID ROD	(6) 1"Ø BOLTS	--	3/4" THICK
D 1	2L3x3x 1/4"	(2) 3/4"Ø BOLTS, 1/4" ME, 1 3/4" GAGE, 3" SPACING	--	1/2" THICK
H 1	2MC8x18.7	(4) 3/4"Ø BOLTS, 7/8" ME, 1 1/8" GAGE, 2 1/2" SPACING	(2) 3/4"Ø AT MIDPOINT	1/2" THICK
H 2	2PL6x3/8"	(4) 3/4"Ø BOLTS, 1/4" ME, 3/2" SPACING	(6) 3/4"Ø AT CENTER GUSSETT	1/2" THICK
H 3	PL6x5/8"	(4) 3/4"Ø BOLTS, 1/4" ME, 3/2" SPACING	(6) 3/4"Ø AT CENTER GUSSET	3/4" THICK

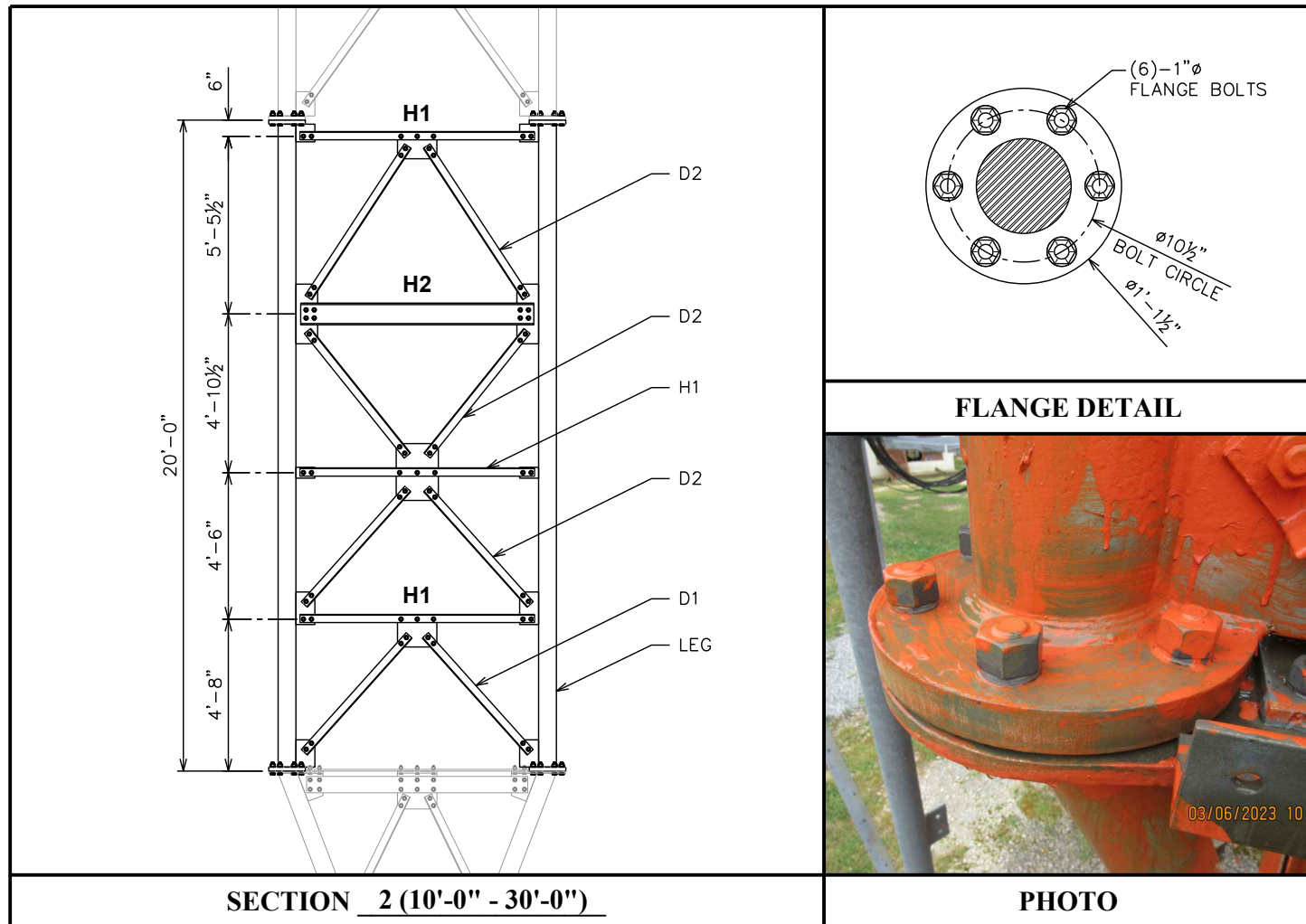


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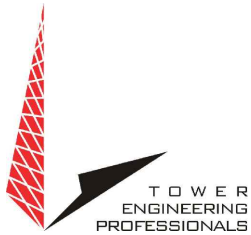
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TOWER SECTION ELEVATION



Member	Size	Bolts	Stitch Bolt	Gussets/Flange
LEG	6.55"Ø SOLID ROD	(6) 1"Ø BOLTS	--	1 1/2" THICK
D1	2L3x2 1/2x1/4" (LLV)	(2) 3/4"Ø BOLTS, 1/4" ME 1 3/4" GAGE, 3" SPACING	--	1/2" THICK
H1	2L3x2 1/2x1/4" (LLV)	(2) 3/4"Ø BOLTS, 1/4" ME 1 3/4" GAGE, 3" SPACING	(3) 3/4"Ø AT CENTER GUSSET	1/2" THICK
H2	2MC8x18.7	(4) 3/4"Ø BOLTS, 1/4" ME, 3" SPACING	--	1/2" THICK

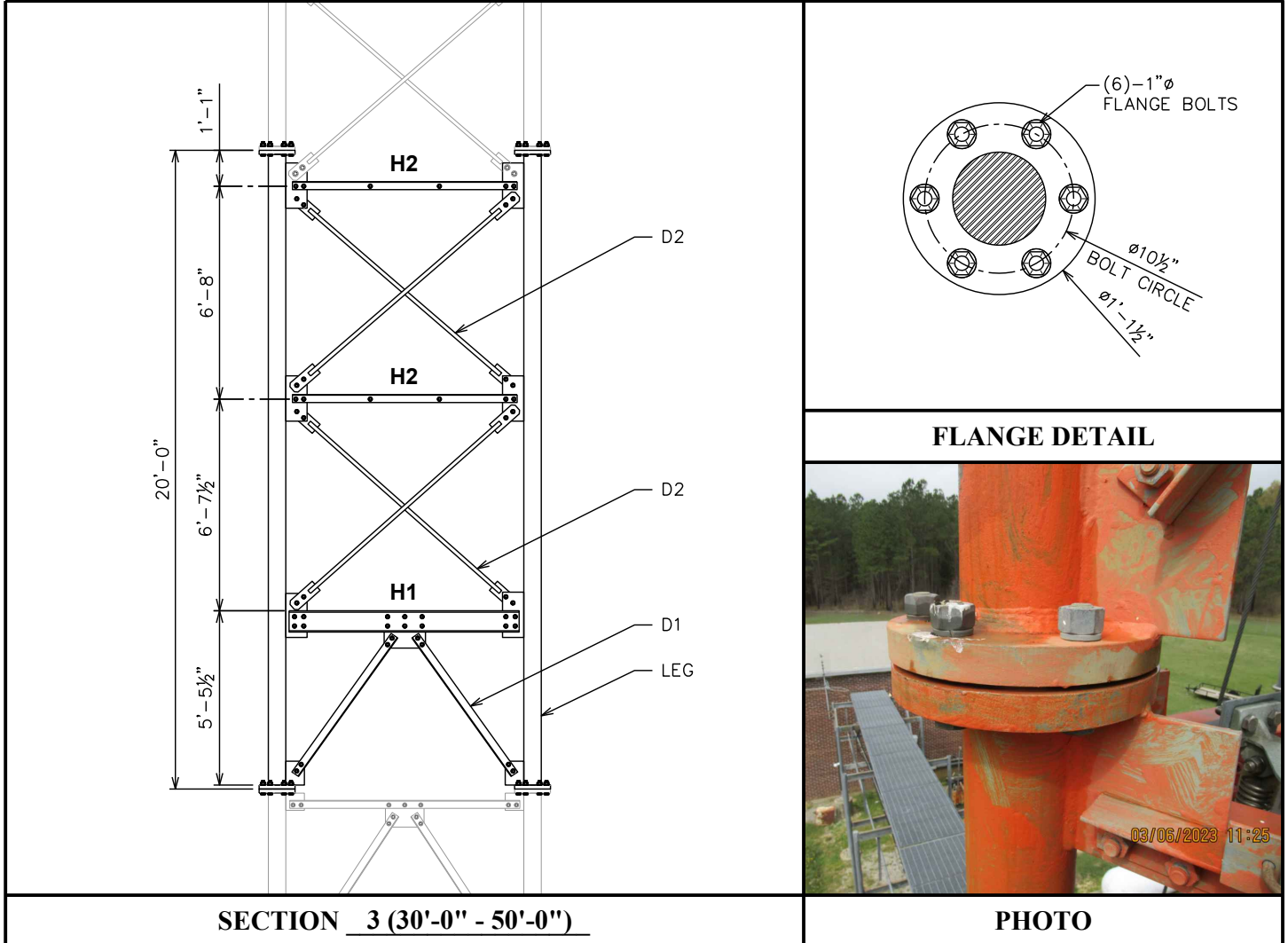


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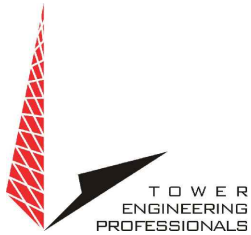
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TOWER SECTION ELEVATION



Member	Size	Bolts	Stitch Bolt	Gussets/Flange
LEG	6.55"Ø SOLID ROD	(6) 1"Ø BOLTS	--	1 1/2" THICK
D1	2L3x2 1/2x1/4" (LLV)	(2) 3/4"Ø BOLTS, 1/4" ME 1 3/4" GAGE, 3" SPACING	--	5/8" THICK TAB, 1/2" THICK
H1	2MC8x18.7	(4) 3/4"Ø BOLTS, 1/4" ME, 3 1/2" SPACING	(6) 3/4"Ø AT CENTER GUSSET	1/2" THICK
D2	1 1/2"Ø SOLID ROD	(2) 1"Ø BOLTS, 2 1/4" ME, 3 1/2" SPACING	--	5/8" THICK TAB,
H2	2L3x2 1/2x1/4" (LLV)	(2) 3/4"Ø BOLTS, 1/4" ME 1 3/4" GAGE, 3" SPACING	(2) 3/4"Ø	1/2" THICK

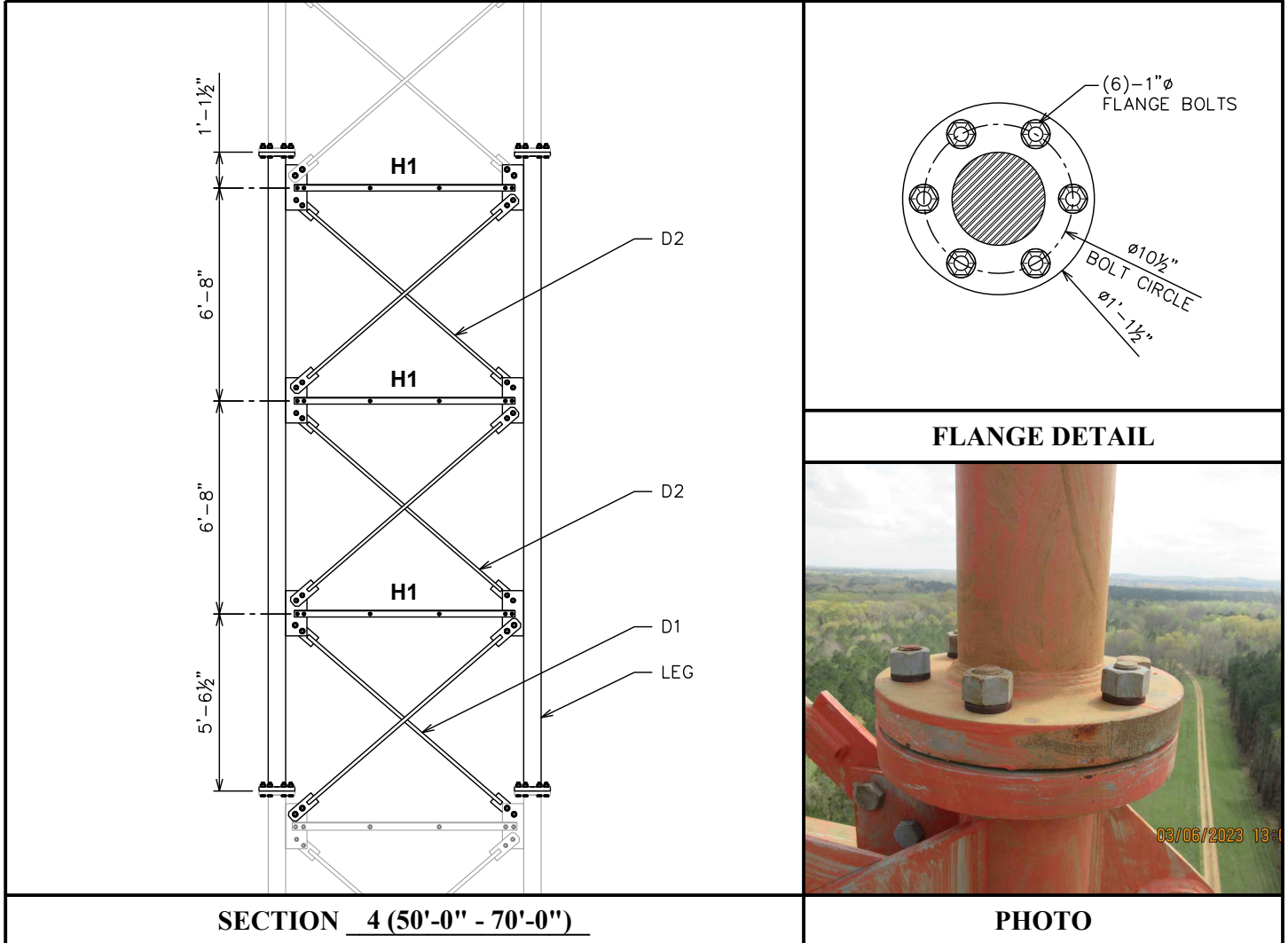


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Face Width at Bottom 8'-0"

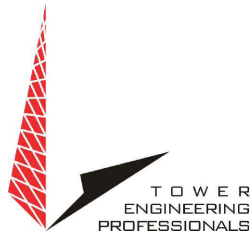
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TOWER SECTION ELEVATION



Member	Size	Bolts	Stitch Bolt	Gussets/Flange
LEG	6.55"Ø SOLID ROD	(6) 1"Ø BOLTS		1 1/2" THICK
D1	1 3/8"Ø SOLID ROD w/ 5/8" END TABS	(2) 1"Ø BOLTS, 2 1/4" ME, 3 1/2" SPACING	--	1/2" THICK
H1	2L2 1/2 x 2 1/4" (LLV)	(2) 5/8"Ø BOLTS, 1 1/8" ME 1 3/8" GAGE, 2 1/2" SPACING	(2) 5/8"Ø	1/2" THICK
D2	1 1/4"Ø SOLID ROD w/ 5/8" END TABS	(2) 7/8"Ø BOLTS, 1 3/4" ME, 3" SPACING	--	1/2" THICK



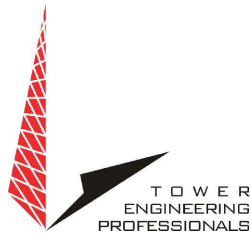
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Face Width at Bottom 8'-0"

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MEMBER SIZES

Section	Leg		Diagonal		Horizontal		Gusset Plate
	Leg Size	Bolts	Size	Bolts	Size	Bolts	
5-14	6.55"Ø SR	(6) 1"Ø 1 0 1/2"Ø B.C.	1 1/4"Ø SR w/ 5/8" TH. END TABS	(2) 7/8"Ø 1 3/4" ME 3" B-B	2L2 1/2x2 1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
15	6.55"Ø SR	(6) 1"Ø 1 0 1/2"Ø B.C.	1 3/8"Ø SR w/ 5/8" TH. END TABS	(2) 1"Ø 1 3/4" ME 3" B-B	2L3x2 1/2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/4" GAGE	ℓ 1/2" THICK 1 1/8" ME
16-17	6.1"Ø SR	(6) 1"Ø 1 0 1/2"Ø B.C.	1 3/8"Ø SR w/ 5/8" TH. END TABS	(2) 1"Ø 1 3/4" ME 3" B-B	2L3x2 1/2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/4" GAGE	ℓ 1/2" THICK 1 1/8" ME
18	6.55"Ø SR	(6) 1"Ø 1 0 1/2"Ø B.C.	1 3/8"Ø SR w/ 5/8" TH. END TABS	(2) 1"Ø 1 3/4" ME 3" B-B	2L3x2 1/2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/4" GAGE	ℓ 1/2" THICK 1 1/8" ME
19	6.1"Ø SR	(6) 1"Ø 1 0 1/2"Ø B.C.	1 1/4"Ø SR w/ 5/8" TH. END TABS	(2) 7/8"Ø 1 3/4" ME 3" B-B	2L2 1/2x2 1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
20-21	5.6"Ø SR	(6) 1"Ø 1 0 1/2"Ø B.C.	1 1/4"Ø SR w/ 5/8" TH. END TABS	(2) 7/8"Ø 1 3/4" ME 3" B-B	2L2 1/2x2 1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
22-24	5.6"Ø SR	(6) 1"Ø 1 0 1/2"Ø B.C.	1"Ø SR w/ 5/8" TH. END TABS	(2) 3/4"Ø 1 1/2" ME 2 1/2" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
25	5.6"Ø SR	(6) 1"Ø 1 0 1/2"Ø B.C.	1 1/4"Ø SR w/ 5/8" TH. END TABS	(2) 7/8"Ø 1 3/4" ME 3" B-B	2L2 1/2x2 1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
26-28	5.8"Ø SR	(6) 1"Ø 1 0 1/2"Ø B.C.	1 1/4"Ø SR w/ 5/8" TH. END TABS	(2) 7/8"Ø 1 3/4" ME 3" B-B	2L2 1/2x2 1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
29	5.3"Ø SR	(6) 1"Ø 1 0 1/2"Ø B.C.	1 1/4"Ø SR w/ 5/8" TH. END TABS	(2) 7/8"Ø 1 3/4" ME 3" B-B	2L2 1/2x2 1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME



Face Width at Top 8'-0"
Face Width at Bottom 8'-0"

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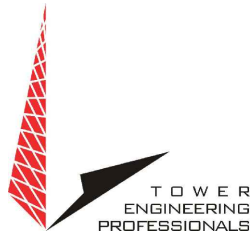
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MEMBER SIZES

Section	Leg		Diagonal		Horizontal		Gusset Plate
	Leg Size	Bolts	Size	Bolts	Size	Bolts	
30-31	5.3"Ø SR	(6) 7/8"Ø 1 0 1/2"Ø B.C.	1"Ø SR w/ 5/8" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
32-35	5.3"Ø SR	(6) 7/8"Ø 1 0 1/2"Ø B.C.	1"Ø SR w/ 5/8" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
36-37	5.3"Ø SR	(6) 7/8"Ø 1 0 1/2"Ø B.C.	1 1/4"Ø SR w/ 5/8" TH. END TABS	(2) 7/8"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
38	5.3"Ø SR	(6) 7/8"Ø 1 0 1/2"Ø B.C.	1 1/4"Ø SR w/ 5/8" TH. END TABS	(2) 1"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
39	4.8"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 1/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
40	4.8"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2x2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 1/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
41-43	4.8"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	3/4"Ø SR w/ 1/2" TH. END TABS	(2) 5/8"Ø 1 3/4" ME 3" B-B	2L2x2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 1/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
44	4.8"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	3/4"Ø SR w/ 1/2" TH. END TABS	(2) 5/8"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 1/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
45	4.8"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
46	4.55"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
47	4.55"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME

326 Tryon Road, Raleigh, NC 27603 o) 919.661.6351 f) 919.661.6350

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Face Width at Top 8'-0"
Face Width at Bottom 8'-0"

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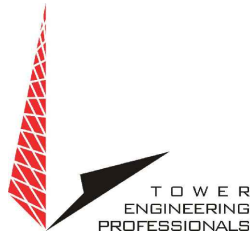
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MEMBER SIZES

Section	Leg		Diagonal		Horizontal		Gusset Plate
	Leg Size	Bolts	Size	Bolts	Size	Bolts	
48-50	4.55"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	3/4"Ø SR w/ 1/2" TH. END TABS	(2) 5/8"Ø 1 3/4" ME 3" B-B	2L2x2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 1/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
51	4.5"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	3/4"Ø SR w/ 1/2" TH. END TABS	(2) 5/8"Ø 1 3/4" ME 3" B-B	2L2x2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 1/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
52	4.3"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	3/4"Ø SR w/ 1/2" TH. END TABS	(2) 5/8"Ø 1 3/4" ME 3" B-B	2L2x2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 1/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
53	4.35"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
54	4.35"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	1 1/4"Ø SR w/ 1/2" TH. END TABS	(2) 7/8"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
55	4.35"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
56	4.25"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
57-59	4.25"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	3/4"Ø SR w/ 1/2" TH. END TABS	(2) 5/8"Ø 1 3/4" ME 3" B-B	2L2x2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 1/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
60-61	4"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	3/4"Ø SR w/ 1/2" TH. END TABS	(2) 5/8"Ø 1 3/4" ME 3" B-B	2L2x2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 1/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
62-63	4"Ø SR	(6) 7/8"Ø 8 1/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
64-65	3.5"Ø SR w/ L5x5x5/8"	(6) 7/8"Ø 8 1/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME

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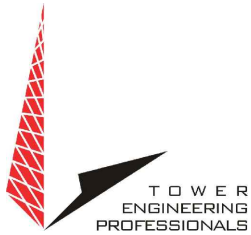
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Face Width at Bottom 8'-0"

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MEMBER SIZES

Section	Leg		Diagonal		Horizontal		Gusset Plate
	Leg Size	Bolts	Size	Bolts	Size	Bolts	
66-71	3.5"Ø SR	(6) 7/8"Ø 8/4"Ø B.C.	3/4"Ø SR w/ 1/2" TH. END TABS	(2) 5/8"Ø 1 3/4" ME 3" B-B	2L2x2x1/4" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
72-73	3.5"Ø SR	(6) 7/8"Ø 8/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME
74	3.5"Ø SR	(6) 7/8"Ø 8/4"Ø B.C.	1"Ø SR w/ 1/2" TH. END TABS	(2) 3/4"Ø 1 3/4" ME 3" B-B	2L2 1/2x2x3/16" (5/8"Ø STITCH BOLTS @ 1/3 POINTS)	(2) 5/8"Ø 1 1/8" ME 2 1/2" B-B 1 3/8" GAGE	ℓ 1/2" THICK 1 1/8" ME

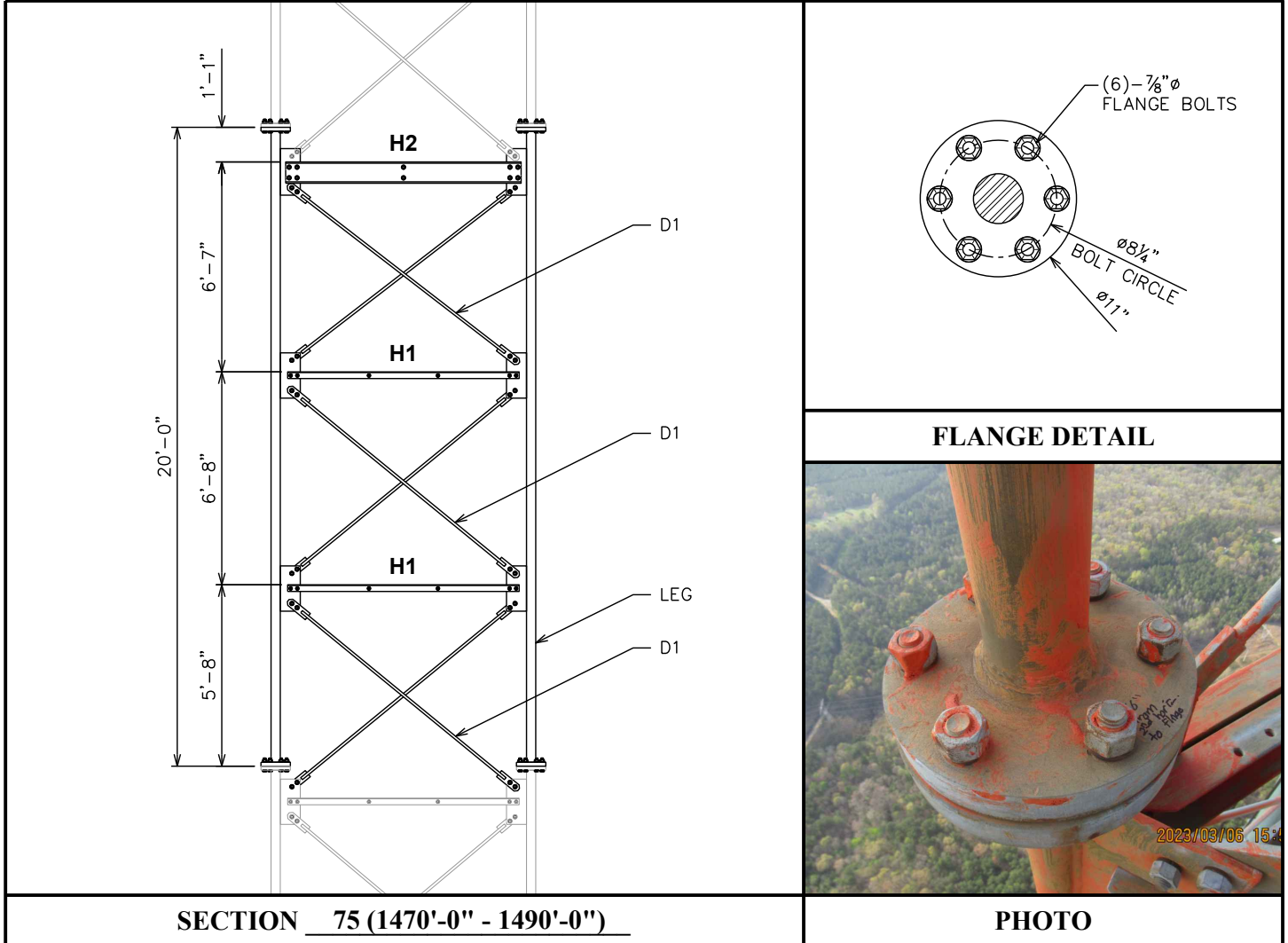


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Face Width at Bottom 8'-0"

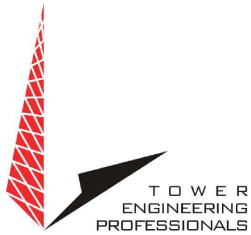
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TOWER SECTION ELEVATION



Member	Size	Bolts	Stitch Bolt	Gussets/Flange
LEG	3 1/2"Ø SOLID ROD	(6) 7/8"Ø BOLTS		1 1/2" THICK
D1	1"Ø SOLID ROD w/ 1/2" END TABS	(2) 3/4"Ø BOLTS, 1 1/2" ME, 2 1/2" SPACING	--	1/2" THICK
H1	2L2 1/2 x 2 1/4" (LLV)	(2) 5/8"Ø BOLTS, 1 1/8" ME 1" GAGE, 2 1/2" SPACING	(2) 5/8"Ø	1/2" THICK
H2	2MC8x18.7	(4) 7/8"Ø BOLTS, 1 1/2" ME 4" SPACING	(2) 7/8"Ø	1/2" THICK

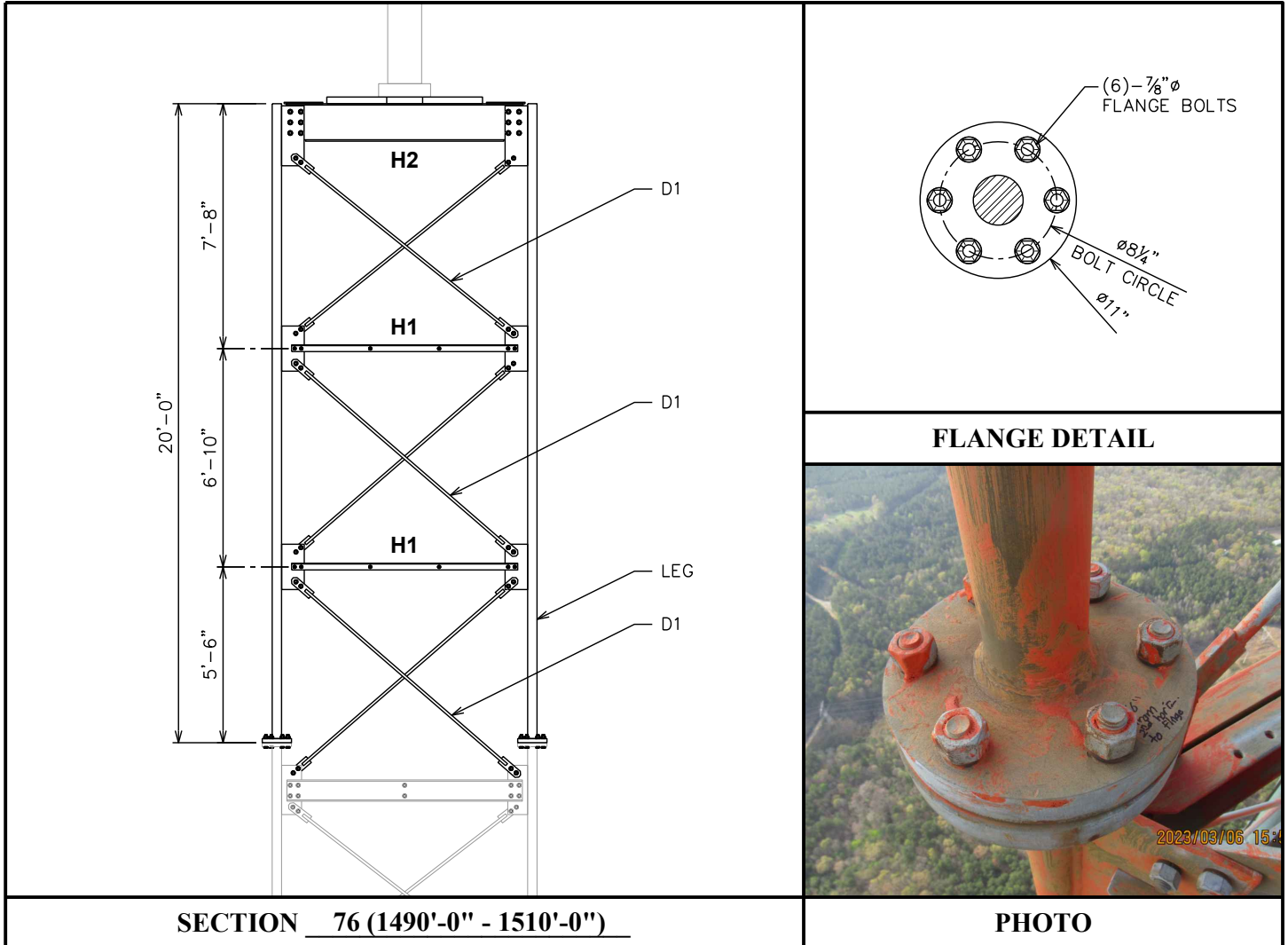


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Face Width at Bottom 8'-0"

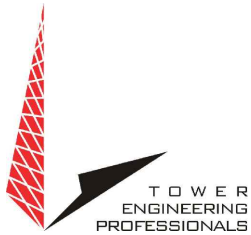
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TOWER SECTION ELEVATION



Member	Size	Bolts	Stitch Bolt	Gussets/Flange
LEG	3 1/2"Ø SOLID ROD	(6) 7/8"Ø BOLTS		1 1/2" THICK
D1	1"Ø SOLID ROD w/ 1/2" END TABS	(2) 3/4"Ø BOLTS, 1 1/2" ME, 2 1/2" SPACING	--	1/2" THICK
H1	2L2 1/2 x 2 x 1/4" (LLV)	(2) 5/8"Ø BOLTS, 1 1/8" ME 1" GAGE, 2 1/2" SPACING	(2) 5/8"Ø	1/2" THICK
H2	2MC8 x 18.7	(6) 7/8"Ø BOLTS, 1 1/2" ME 4" SPACING	--	1/2" THICK

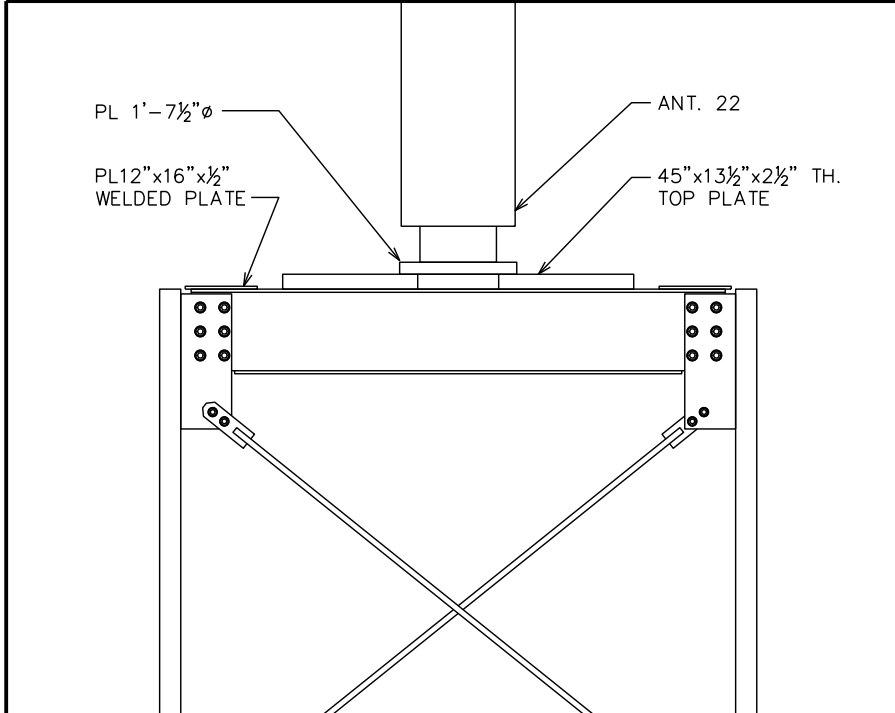


Face Width at Top 8'-0"
Face Width at Bottom 8'-0"

TOWER MAPPING

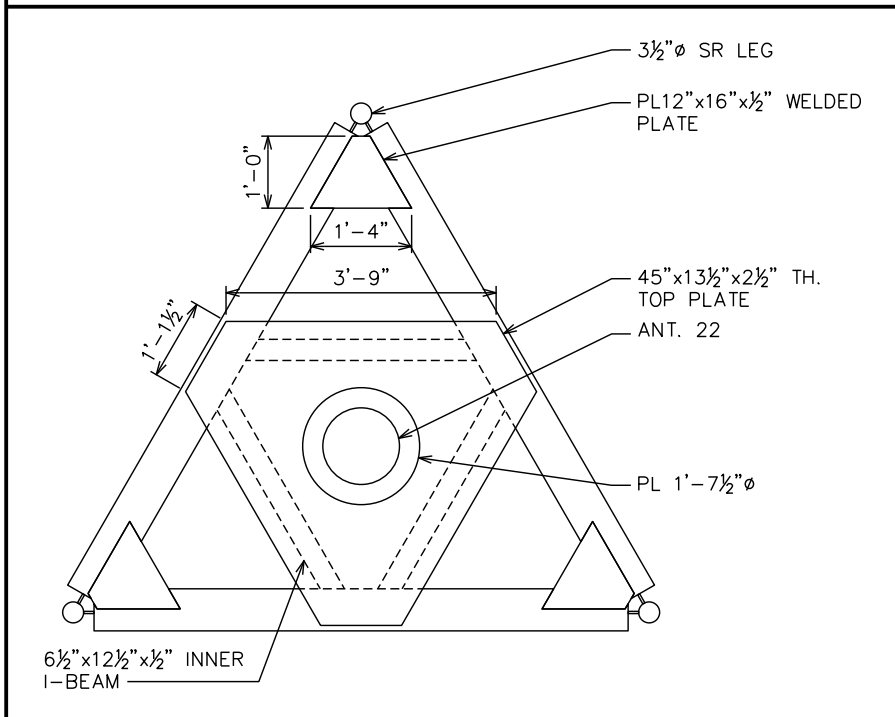
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TOP FLANGE PLATE

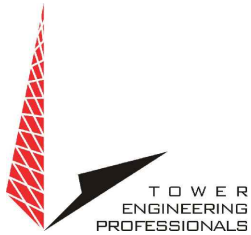


Top Flange Plate Elevation at 1510'

FLANGE DETAIL



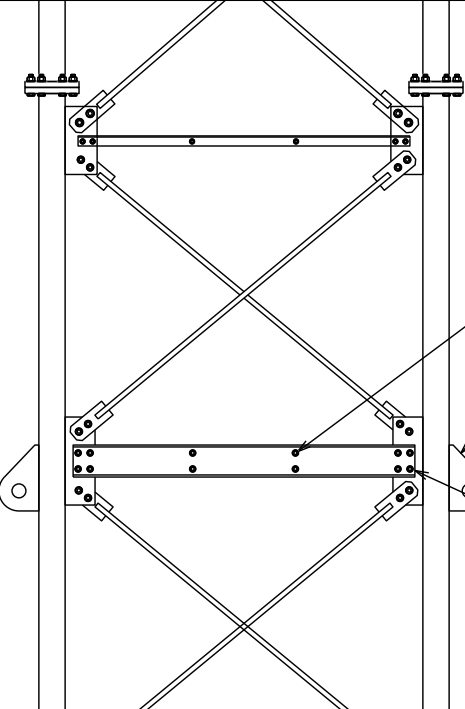
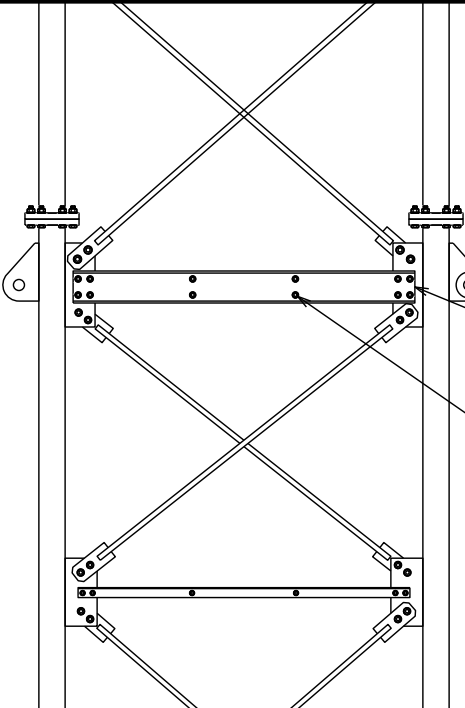
Top Flange Plate Plan At 1510'

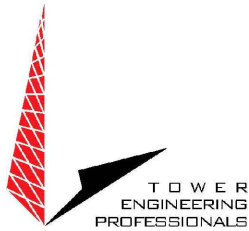


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GUY PULL-OFF ELEVATION

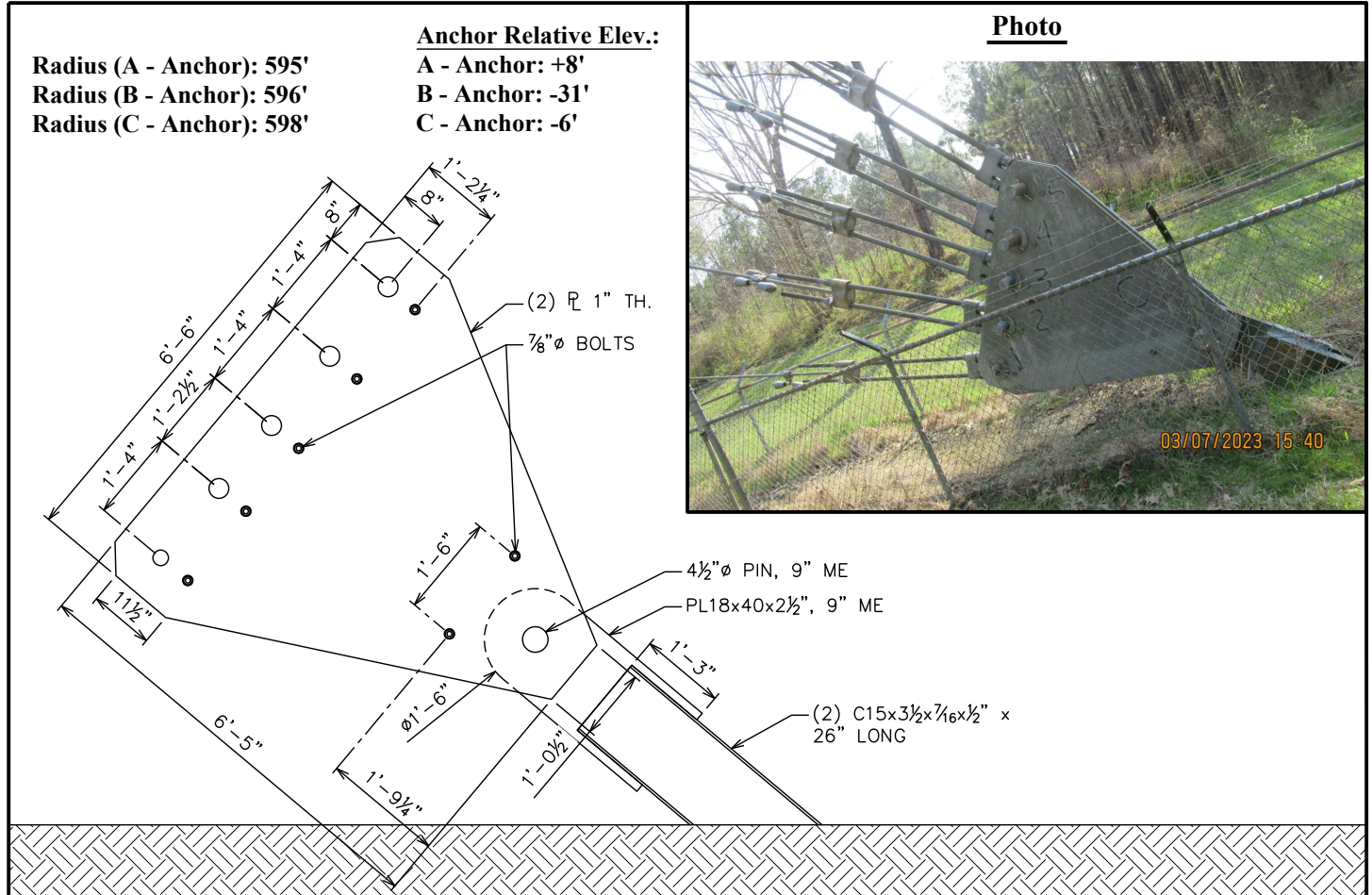
 $\frac{3}{4}$" ϕ STITCH BOLTS SPACED AT $\frac{1}{3}$ POINTS. $\phi 16 \times 10 \times 1\frac{1}{2}$" GUY LUG w/ (2) $\frac{3}{4}$" TH. WELDED RING PLATES, $3\frac{1}{2}$" ϕ PIN, 5" ME 2MC8x18.7 w/ (4) $\frac{3}{4}$" ϕ BOLTS AT EACH END, $1\frac{1}{4}$" ME, 3" B-B_H, 4" B-B_V	 03/
Guy Levels 2, 3, 4, 5, 6, 7 & 8	PHOTO
 $\phi 14\frac{1}{2} \times 9 \times 1\frac{1}{4}$" GUY LUG w/ (2) $\frac{1}{2}$" TH. WELDED RING PLATES, $2\frac{3}{4}$" ϕ PIN, 4" ME 2MC8x18.7 w/ (4) $\frac{3}{4}$" ϕ BOLTS AT EACH END, $1\frac{1}{4}$" ME, 3" B-B_H, 4" B-B_V $\frac{3}{4}$" ϕ STITCH BOLTS SPACED AT $\frac{1}{3}$ POINTS.	 03/06/2023 13:00
Guy Level 1	PHOTO



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Inner Guy Anchor Detail

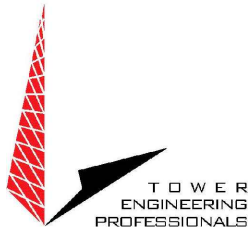


Guy #	Guy Wire (Diameter)	Guy Wire (# of Strands)	Preform (Color)	Pin (Diameter)	Pin Hole (Min. Edge)	Closed Bridge Socket (U-Bolt Size)
1	1 1/4"	18	N/A	2 3/4"	8"	1 5/8" Ø x 8'-0"
2	1 5/8"	30	N/A	3 1/2"	8"	2" Ø x 8'-2"
3	1 1/2"	30	N/A	3 1/2"	8"	2" Ø x 8'-3"
4	1 1/2"	30	N/A	3 1/2"	8"	2" Ø x 8'-3"
5	1 5/8"	30	N/A	3 1/2"	8"	2" Ø x 8'-3"

Guy #	Elevation (At Tower)	Pin at Guy Lug (Pin Diameter)	Lug Hole (Diameter)	Lug Hole (Min. Edge)	Teardrop Guy Lug (Thickness)	Guy Lug (Connection)	Guy Banding
1	169'-0"	2 3/4"	CNR	4"	PL 1 1/4" w/ (2) PL 1/2" RINGS	WELDED	2MC8x18.7 w/ (4) 3/4" Ø BOLTS (2) ROWS OF (2) AT 4" SPACING
2	342'-4"	3 1/2"	CNR	5"	PL 1 1/2" w/ (2) PL 3/4" RINGS	WELDED	
3	522'-4"	3 1/2"	CNR	5"	PL 1 1/2" w/ (2) PL 3/4" RINGS	WELDED	
4	702'-4"	3 1/2"	CNR	5"	PL 1 1/2" w/ (2) PL 3/4" RINGS	WELDED	
5	882'-4"	3 1/2"	CNR	5"	PL 1 1/2" w/ (2) PL 3/4" RINGS	WELDED	

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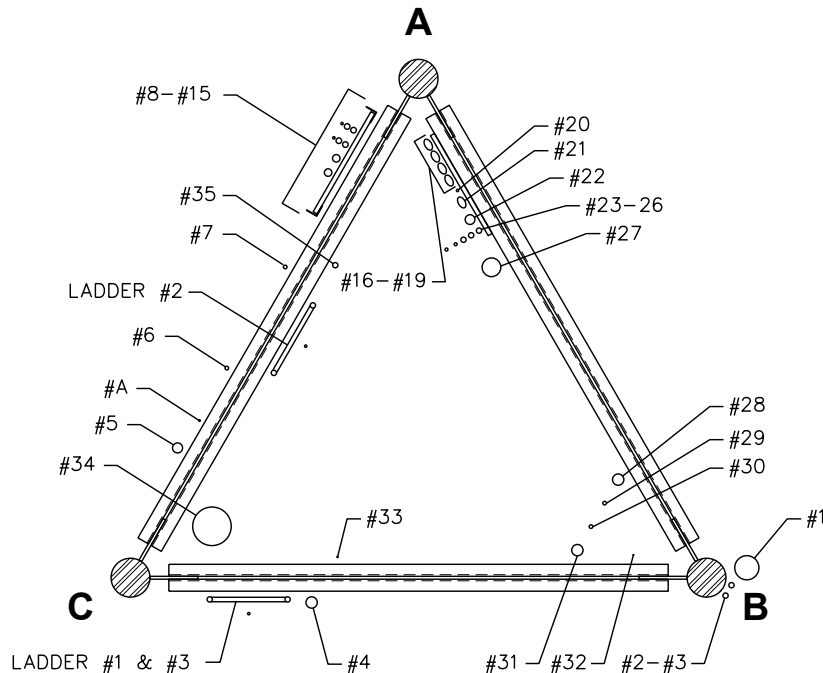


TOWER MAPPING

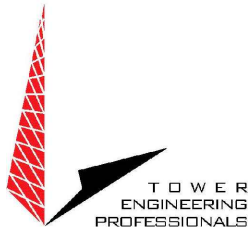
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TRANSMISSION CABLES

A-Leg = 330°±



Coax #	Type	Size	Height	Antenna	Carrier	Notes
1	FH	4"	1170'	21	UNKNOWN	TURNS TO M.C. at 1013'
2	FH	7/8"	441'	16	UNKNOWN	-
3	FH	7/8"	288'	6	UNKNOWN	-
4	M.C.	1.9"	1505'	-	UNKNOWN	TURNS TO 1 5/16" M.C. AT 932' TURNS TO 5/8" AT 1505'
5	M.C.	1.7"	50'	-	-	-
6	CABLE	5/8"	1488'	-	-	ELEVATOR
7	CABLE	5/8"	1488'	-	-	
8	-	1 1/4"	298'	7-12	AT&T	-
9	-	1 1/4"	298'		AT&T	-
10	-	1 5/16"	298'		AT&T	-
11	-	1 5/16"	298'		AT&T	-
12	-	1 5/16"	298'		AT&T	-
13	-	1 5/16"	298'		AT&T	-
14	SM	3/8"	298'		AT&T	-
15	SM	3/8"	298'		AT&T	-



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TRANSMISSION CABLES (CONTINUED)

Coax #	Type	Size	Height	Antenna	Carrier	Notes
16	-	EW63	369'	14	MPB	-
17	FH	EW63	398'	15	UNKNOWN	-
18	FH	EW63	360'	13	UNKNOWN	-
19	FH	EW63	162'	4	UNKNOWN	-
20	SM	3/8"	70'	3	MPB	-
21	FH	EW63	196'	5	UNKNOWN	-
22	FH	1 5/8"	596'	19	UNKNOWN	-
23	FH	7/8"	568'	17	UNKNOWN	-
24	FH	7/8"	568'	18	UNKNOWN	-
25	FH	1/2"	568'	17	UNKNOWN	-
26	FH	1/2"	568'	18	UNKNOWN	-
27	M.C.	3.1"	1310'	22	MPB	URNS TO MNT.
28	M.C.	1.9"	1484'	-	-	ELEVATOR
29	METAL CABLE	5/8"	1488'	-	-	
30	METAL CABLE	5/8"	1488'	-	-	
31	M.C.	1.9"	1484'	-	-	
32	SM	3/16"	1488'	-	-	
33	SM	1/4"	50'	2	MPB	-
34	M.C.	6.1"	1510'	23	MPB	-
35	FH	7/8"	794'	20	MPB	-
A	SM	5/16"	26'	1	UNKNOWN	-
-	M.C.	6.1"	1510'	-	-	UNUSED FROM 1476' ON CA FACE