



Global Tower Partners

CLIENT: Global Tower Partners DATE AT SITE: 2/17/2013
SITE (ID): Jennings/Kreilow, LA-5136 TOWER TYPE / HT: Guyed Tower / ~480 ft.
ADDRESS: [REDACTED], Jennings, LA 70546 WEATHER: Sunny, 65°F, 10-20 mph SSW Wind
LEAD: Andy Aakhus-Witt SUPPORT: N/A



Jennings/Kreilow LA-5136

Guyed Tower Inspection Report

Date: 2/20/2013

Prepared For:



Prepared By:

Andy Aakhus-Witt

Field Engineer

Structural Components, LLC

SC Job # N/A

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GLOBAL TOWER PARTNERS

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LEAD:	<u>Andy Aakhus-Witt</u>	SUPPORT:	<u>N/A</u>



Guy wires on C side appear to be kinked and stretched





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LEAD: Andy Aakhus-Witt SUPPORT: N/A

TOWER BASE SKETCH



REQ'D INFO

- * complete tower geometry
- * all member sizes
- * face widths & panel heights
- * base plate & pin info
- * anchor bolts / bolt circle
- * grout details / condition

6" c-c bottom FW, 2" SR legs

1" pin

9" dia. x 1.5" thick plate

(3) 1.25" dia. anchor rods

14" x 1.25" thick triangle plate

1.5" gap

6' x 6' base at grade level, 2" ave
exposed above grade



GLOBAL TOWER PARTNERS

CLIENT: Global Tower Partners DATE AT SITE: 12/28/2011
 SITE (ID): Jennings/Kreilow, LA-5136 TOWER TYPE / HT: Guyed Tower / ~480 ft.
 ADDRESS: [REDACTED], Jennings, LA 70546 WEATHER: Sunny, 65°F, 10-20 mph SSW Wind
 LEAD: Andy Aakhus-Witt SUPPORT: N/A

ANCHORS A, B, AND C INNER
 ANCHOR LOCATIONS TAKEN WITH: LASER

ANCHOR DETAIL SKETCH

(start hole numbering from bottom up)



REQ'D INFO

- * dimensions of plate
- * thickness of plates
- * hole diam, c/c spacing
- * edge distances
- * anchor shaft details

1.25" SR shaft, 2.5" x 3/8" weld around
 8.5" x 6" x 5/8" thick plate
 (5) 3/4" holes at 2" c-c, 5/8" e-e distance

Anchor A Radius 150' Height 0' Az. 90 Photo # 140
Anchor B Radius 150' Height +1' Az. 210 Photo # 169
Anchor C Radius 150' Height 0' Az. 330 Photo # 192

Guy #	Elevation	Hole Diameter	Edge Distance	Turnbuckle Size	Turnbuckle Gap (A, B, C)	Preform (Color)
1	-75'	3/4"	5/8"	3/4" x 12	8, 4, 4	No color present
2	-150'	3/4"	5/8"	3/4" x 12	9, 4, 9	No color present
3	-239'	3/4"	5/8"	3/4" x 12	4, 2, 8	No color present
4L	-245'	3/4"	5/8"	3/4" x 12	4, 6, 3.5	No color present
4R	-245'	3/4"	5/8"	3/4" x 12	4, 7, 6	No color present

Guy #	Elevation	Guy Size	Guy Wire (Number of Strands)	Pin (Diameter)	Lug Hole (Min. Edge)	Grounding / Condition
1	-75'	7/16	7	5/8"	5/8"	None / Satisfactory
2	-150'	7/16	7	5/8"	5/8"	None / Satisfactory
3	-239'	7/16	7	5/8"	5/8"	None / Satisfactory
4L	-245'	7/16	7	5/8"	5/8"	None / Satisfactory
4R	-245'	7/16	7	5/8"	5/8"	None / Satisfactory



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 LEAD: Andy Aakhus-Witt SUPPORT: N/A

ANCHORS A, B, AND C Outer
 ANCHOR LOCATIONS TAKEN WITH: LASER

ANCHOR DETAIL SKETCH

(start hole numbering from bottom up)



REQ'D INFO

- * dimensions of plate
- * thickness of plates
- * hole diam, c/c spacing
- * edge distances
- * anchor shaft details

(2) 1.5" SR shafts, 8" x 5/8" weld around
 15" x 12" x 7/8" thick plate
 (5) 13/16" holes at 3" c-c, 1.125" e-e distance

Anchor A Radius 300' Height 0' Az. 90 Photo # 151
Anchor B Radius 300' Height +1' Az. 210 Photo # 185
Anchor C Radius 300' Height +2' Az. 330 Photo # 194

Guy #	Elevation	Hole Diameter	Edge Distance	Turnbuckle Size	Turnbuckle Gap (A, B, C)	Preform (Color)
5	-319'	13/16"	1.125"	7/8" x 12	7.5, 8, 6	No color present
6	-379'	13/16"	1.125"	7/8" x 12	8, 9.5, 6	No color present
N/A	N/A	13/16"	1.125"	N/A	N/A	No color present
7	-425'	13/16"	1.125"	7/8" x 12	5.5, 5, 7.5	Blue
8	-470'	13/16"	1.125"	7/8" x 12	4, 2, 4	Blue

Guy #	Elevation	Guy Size	Guy Wire (Number of Strands)	Pin (Diameter)	Lug Hole (Min. Edge)	Grounding / Condition
5	-319'	7/16	7	3/4"	1.125"	None / Satisfactory
6	-379'	7/16	7	3/4"	1.125"	None / Satisfactory
N/A	N/A	N/A	N/A	N/A	1.125"	None / Satisfactory
7	-425'	1/2	7	3/4"	1.125"	None / A7 damaged
8	-470'	1/2	7	3/4"	1.125"	None / A8 damaged



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Issue 1: No safety climb on tower
Recommendation: Install 3/8" safety climb or a competent climber sign

Photo: 100



Issue 2: Open and empty shelter with trash
Recommendation: Remove trash and lock shelter doors

Photo: 82



Issue 3: Wasp nests in and outside shelters
Recommendation: Hire insect control services

Photo: 85



Issue 4: Guy wires are not grounded (all)
Recommendation: Install grounds for all guy wires

Photo: 24



Issue 5: Vegetation surrounding guy anchors and guy wires (all)
Recommendation: Remove vegetation from guy anchors and wires

Photo: 54



Issue:
Recommendation:
Photo: