



BOLT TOGETHER TRUSS SECTIONS INFORMATION

ELEVATION (FEET)	TRUSS LEG SECTIONS				X-BRACE TRUSS SECTIONS			
	FACE	LEG	DIAG.	HORIZ.	FACE	LEG	DIAG.	HORIZ.
0' - 40'	24"	3-1/4"	1-1/4"	1"	(6) 1-1/8"	12"	1-1/2"	3/4"
40' - 80'	24"	3"	1-1/8"	1"	(6) 1"	12"	1-1/2"	3/4"
80' - 120'	24"	2-3/4"	1-1/8"	1"	(4) 1-1/8"	12"	1-1/2"	3/4"
120' - 160'	18"	2-3/4"	1-1/8"	3/4"	(4) 1"	12"	1-1/2"	3/4"
160' - 200'	18"	2-1/2"	1-1/8"	3/4"	(4) 1"	12"	1-1/2"	3/4"
200' - 240'	18"	2-1/4"	1-1/8"	3/4"	(4) 7/8"	12"	1-1/2"	3/4"
240' - 280'	12"	2"	1"	1/2"	(2) 1-1/8"	12"	1"	5/8"
280' - 300'	12"	2"	1"	1/2"	(2) 1"	12"	1"	5/8"
300' - 320'	12"	1-3/4"	1"	1/2"	(2) 7/8"	12"	1"	5/8"
320' - 340'	12"	1-3/4"	1"	1/2"	(2) 7/8"	12"	1"	5/8"
340' - 360'	12"	1-3/4"	1"	1/2"	(2) 3/4"	12"	1"	5/8"

BOLT TOGETHER FROM 360' - 420' INFORMATION

ELEVATION (FEET)	FACE	BOTTOM	TOP	LEG	DIAG.	HORIZ.	X-BRACE TRUSS SECTIONS	
							FACE	LEG
360' - 380'	10"	8"	2-3/4"	2.5"x2.5"x5/16"	1"	2.5"x2.5"x5/16"	(4) 7/8"	(4) 5/8"
380' - 400'	8"	6"	2-1/2"	2.5"x2.5"x5/16"	1"	2.5"x2.5"x5/16"	(4) 7/8"	(4) 5/8"
400' - 420'	6"	4"	2-1/2"	2.5"x2.5"x5/16"	1"	2.5"x2.5"x5/16"	(4) 3/4"	(4) 5/8"

WELD TOGETHER FROM 420' - 450' INFORMATION

ELEVATION (FEET)	FACE	LEG	DIAG.	SPICE BOLT
420' - 440'	4"	2"	1"	(4) 5/8"
440' - 450'	4"	2"	1"	(2) 7/8"

NOTES:

- 1) ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE.
- 2) ALL MEMBERS ARE SOLID ROUND UNLESS NOTED OTHERWISE.
- 3) ALL BOLTS ARE A-325.
- 4) TOWER SECTIONS FROM 360' - 420' ARE BOLT TOGETHER WITH SOLID ROUND LEGS AND ANGLE MEMBERS.
- 5) TOWER SECTIONS FROM 420' - 450' ARE WELD TOGETHER AND USE STANDARD 6 BAY X-BRACING.
- 6) ALL TRUSS, BOLT & WELD TOGETHER INNER MEMBERS AND PLATES ARE MADE FROM (ASTM A-36)
- 7) TRUSS SECTION LEGS --- 0' - 240' (ASTM A-108) BOLT & WELD SECTION LEGS --- 240' - 360' (ASTM A-108) X-BRACING SECTION LEGS --- 360' - 450' (ASTM A-36M)

THIS TOWER IS DESIGNED TO MEET IFA-RS-292-C STANDARDS FOR A CONSTANT WIND PRESSURE OF 63 psf.

DESIGN	DATE	10-7-90
CHECK	R.E.H.	
APPROVAL	DATE	

TOLERANCES
 .XX± 3/32" ANGLES± 2°
 .XX± 3/32" DRILLED HOLES± #1/32"
 .XXX± 1/16" BURNED HOLES± #1/16"

ERECTION DRAWING & MEMBER INFORMATION
450' SS LOUISIANA POWER & LIGHT

DWG NO.	SS-65-1
INCHES	

DO NOT SCALE DRAWING

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