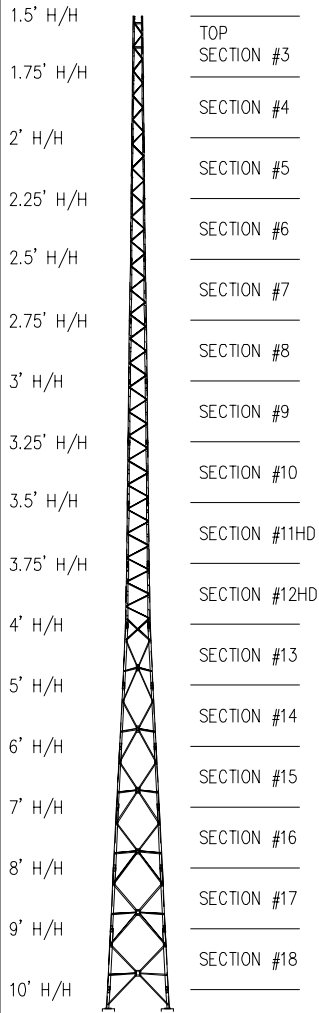


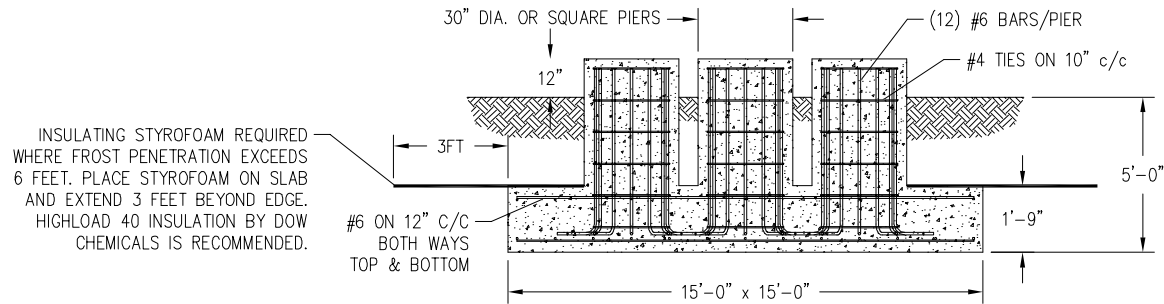
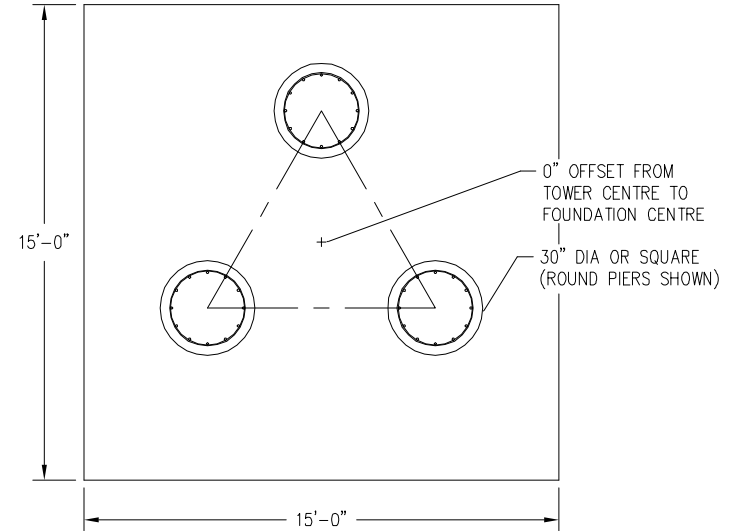
160FT S300 SUPERTITAN TOWER



C A N N A D A	MAXIMUM ALLOWABLE ANTENNA AREA - PER CSA-S37-01								
	ROUND ANTENNA MEMBER / FLAT ANTENNA MEMBER								
	CLASS 1 (10mm ICE)			CLASS 1 (25mm ICE)			CLASS 3 (25mm ICE)		
	350Pa	450Pa	550Pa	350Pa	450Pa	550Pa	350Pa	450Pa	550Pa
	13/9	-/-	-/-	13/9	-/-	-/-	34/23	14/9	-/-

FOUNDATION LOADS:  
 MAX. OVERTURNING MOMENT (K\*FT) =  
 MAX. SHEAR (kips) =  
 MAX. AXIAL (kips) =

FOUNDATION DESIGN (NORMAL DRY SOIL)



CUBIC YARDS of CONCRETE				
PAD	RND PIER	SQ PIER	TOTAL RND	TOTAL SQ
14.58	0.77	0.98	16.90	17.53

- NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.S300.160.  
 2) PRE-ASSEMBLED PART NUMBER: NOT AVAILABLE.  
 3) ANTENNA LOADS ARE CENTRALLY LOCATED AND BALANCED, 3-FT OR LESS ABOVE THE TOWER TOP.  
 4) WIND LOADING ASSUMES (1) 1/2" TRANSMISSION LINE PER 10 SQ.FT. OF ROUND MEMBER ANTENNA AREA.

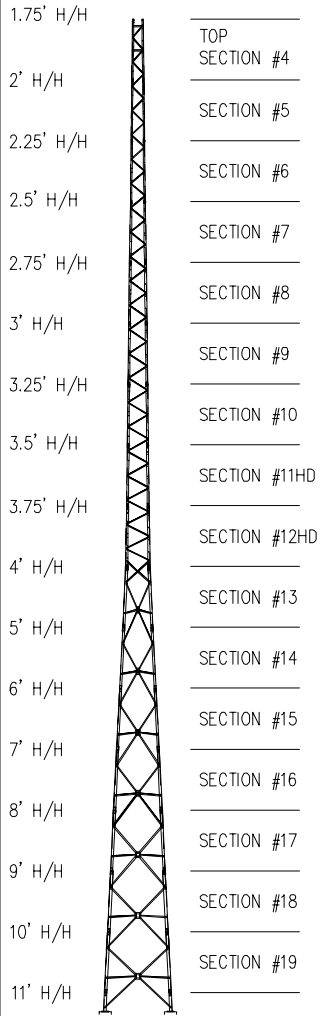
REV.	REV. BY:	CHK. BY:	DESCRIPTION	DATE

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CUSTOMER:	SITE:	SCALE: 250,000
DATE: 19 FEB 07	BY: EP	CHK: APP:
TITLE: 160FT S300 SUPERTITAN TOWER	DRAWING NO. 000001.620.0390	

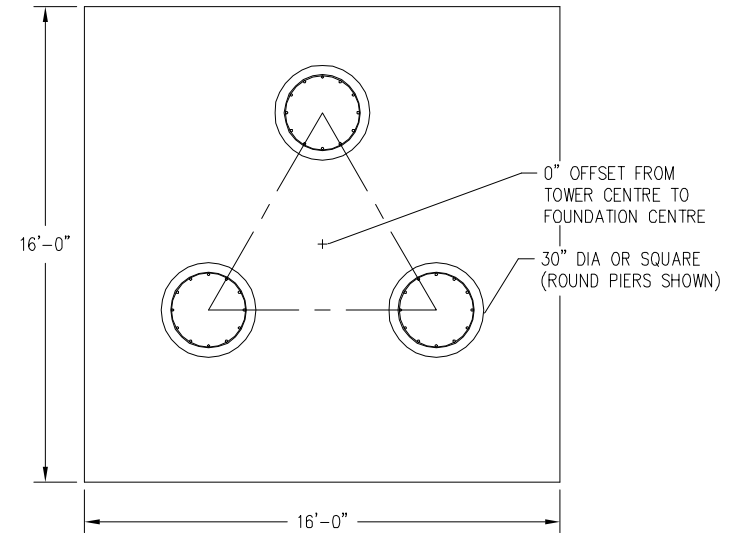
160FT S400 SUPERTITAN TOWER



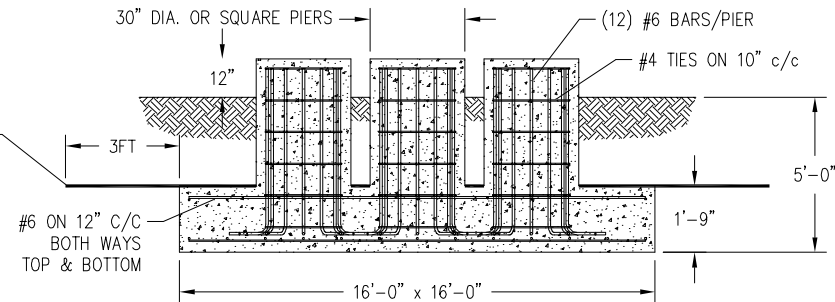
C A N N A D A	MAXIMUM ALLOWABLE ANTENNA AREA - PER CSA-S37-01								
	ROUND ANTENNA MEMBER / FLAT ANTENNA MEMBER								
	CLASS 1 (10mm ICE)			CLASS 1 (25mm ICE)			CLASS 3 (25mm ICE)		
	350Pa	450Pa	550Pa	350Pa	450Pa	550Pa	350Pa	450Pa	550Pa
	27/19	-/-	-/-	27/19	-/-	-/-	52/35	29/19	5/3

FOUNDATION LOADS:  
 MAX. OVERTURNING MOMENT (K\*FT) =  
 MAX. SHEAR (kips) =  
 MAX. AXIAL (kips) =

FOUNDATION DESIGN (NORMAL DRY SOIL)



INSULATING STYROFOAM REQUIRED WHERE FROST PENETRATION EXCEEDS 6 FEET. PLACE STYROFOAM ON SLAB AND EXTEND 3 FEET BEYOND EDGE. HIGHLOAD 40 INSULATION BY DOW CHEMICALS IS RECOMMENDED.



CUBIC YARDS of CONCRETE				
PAD	RND PIER	SQ PIER	TOTAL RND	TOTAL SQ
16.59	0.77	0.98	18.91	19.54

- NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.S400.160.  
 2) PRE-ASSEMBLED PART NUMBER: NOT AVAILABLE.  
 3) ANTENNA LOADS ARE CENTRALLY LOCATED AND BALANCED, 3-FT OR LESS ABOVE THE TOWER TOP.  
 4) WIND LOADING ASSUMES (1) 1/2" TRANSMISSION LINE PER 10 SQ.FT. OF ROUND MEMBER ANTENNA AREA.

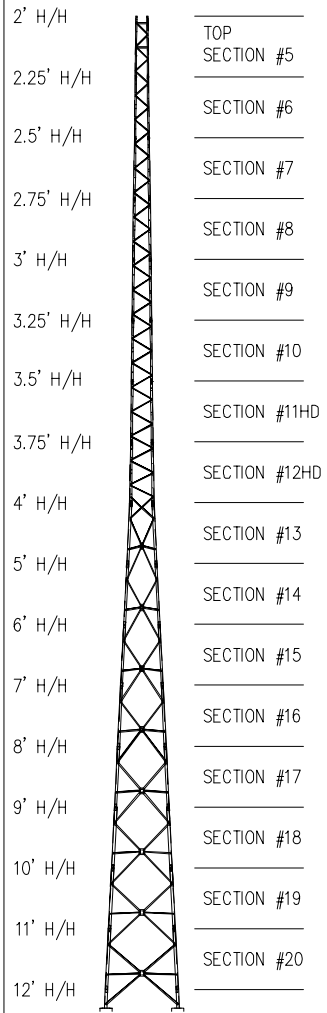
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CUSTOMER:	SITE:	SCALE: 250,000
DATE: 19 FEB 07	BY: EP	CHK: APP:
TITLE: 160FT S400 SUPERTITAN TOWER	DRAWING NO. 000001.620.0391	

REV.	REV. BY:	CHK. BY:	DESCRIPTION	DATE

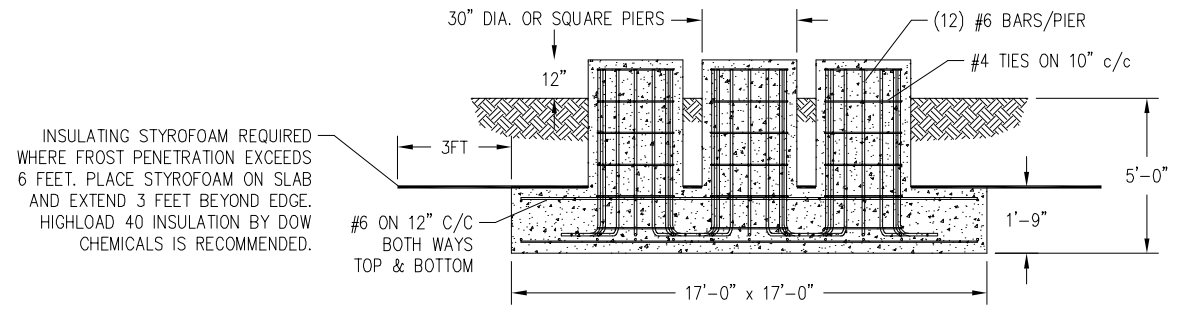
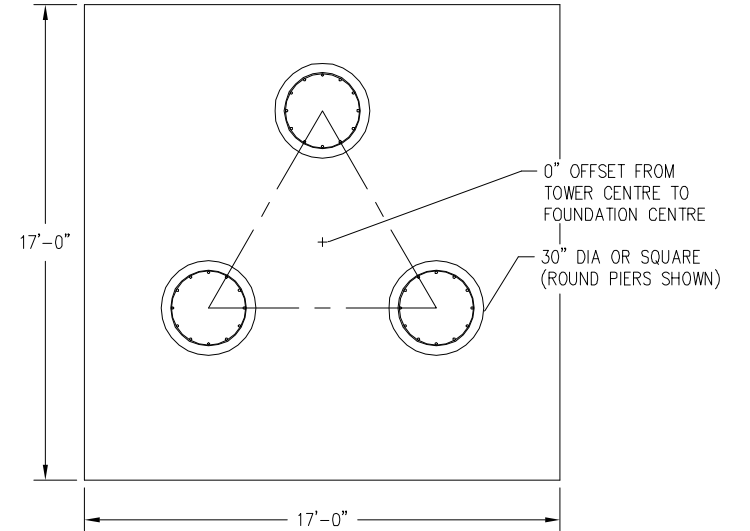
160FT S500 SUPERTITAN TOWER



C A N N A D A	MAXIMUM ALLOWABLE ANTENNA AREA - PER CSA-S37-01								
	ROUND ANTENNA MEMBER / FLAT ANTENNA MEMBER								
	CLASS 1 (10mm ICE)			CLASS 1 (25mm ICE)			CLASS 3 (25mm ICE)		
	350Pa	450Pa	550Pa	350Pa	450Pa	550Pa	350Pa	450Pa	550Pa
	38/27	10/7	-/-	33/23	10/7	-/-	76/51	44/29	17/11

FOUNDATION LOADS:  
 MAX. OVERTURNING MOMENT (K\*FT) =  
 MAX. SHEAR (kips) =  
 MAX. AXIAL (kips) =

FOUNDATION DESIGN (NORMAL DRY SOIL)



INSULATING STYROFOAM REQUIRED WHERE FROST PENETRATION EXCEEDS 6 FEET. PLACE STYROFOAM ON SLAB AND EXTEND 3 FEET BEYOND EDGE. HIGHLOAD 40 INSULATION BY DOW CHEMICALS IS RECOMMENDED.

CUBIC YARDS of CONCRETE				
PAD	RND PIER	SQ PIER	TOTAL RND	TOTAL SQ
18.73	0.77	0.98	21.05	21.68

- NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.S500.160.  
 2) PRE-ASSEMBLED PART NUMBER: NOT AVAILABLE.  
 3) ANTENNA LOADS ARE CENTRALLY LOCATED AND BALANCED, 3-FT OR LESS ABOVE THE TOWER TOP.  
 4) WIND LOADING ASSUMES (1) 1/2" TRANSMISSION LINE PER 10 SQ.FT. OF ROUND MEMBER ANTENNA AREA.

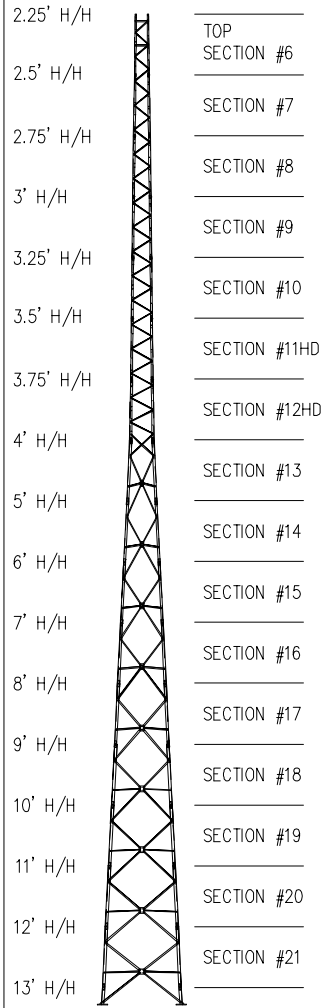
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CUSTOMER:	SITE:	SCALE:
DATE: 19 FEB 07	BY: EP	CHK: APP:
TITLE: 160FT S500 SUPERTITAN TOWER		DRAWING NO. 000001.620.0392

REV.	REV. BY:	CHK. BY:	DESCRIPTION	DATE

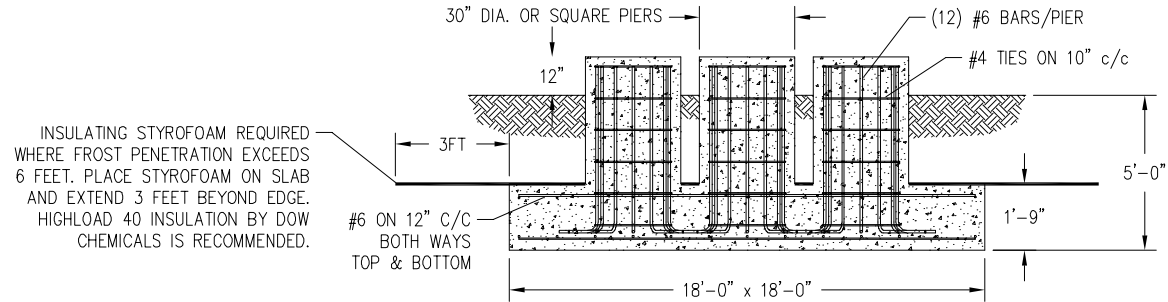
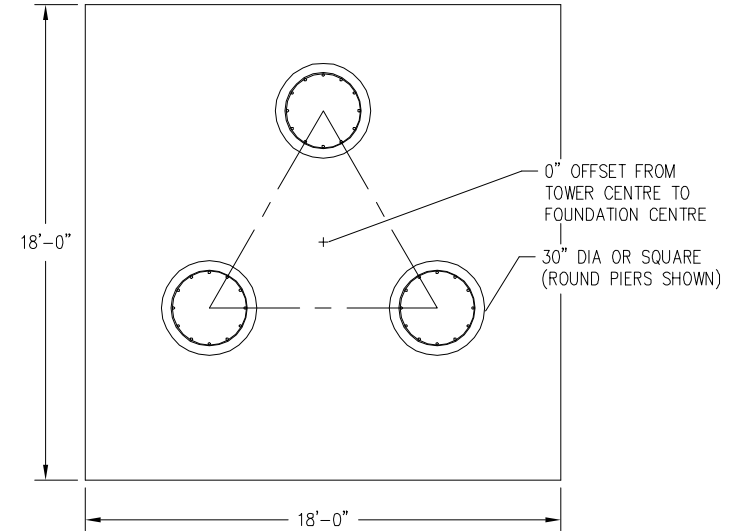
160FT S600 SUPERTITAN TOWER



MAXIMUM ALLOWABLE ANTENNA AREA - PER CSA-S37-01									
C A N N A D A	ROUND ANTENNA MEMBER / FLAT ANTENNA MEMBER								
	CLASS 1 (10mm ICE)			CLASS 1 (25mm ICE)			CLASS 3 (25mm ICE)		
	350Pa	450Pa	550Pa	350Pa	450Pa	550Pa	350Pa	450Pa	550Pa
52/37	20/14	-/-	44/31	20/14	-/-	104/69	60/40	29/19	

FOUNDATION LOADS:  
 MAX. OVERTURNING MOMENT (K\*FT) =  
 MAX. SHEAR (kips) =  
 MAX. AXIAL (kips) =

FOUNDATION DESIGN (NORMAL DRY SOIL)



CUBIC YARDS of CONCRETE				
PAD	RND PIER	SQ PIER	TOTAL RND	TOTAL SQ
21.00	0.77	0.98	23.32	23.95

- NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.S600.160.  
 2) PRE-ASSEMBLED PART NUMBER: NOT AVAILABLE.  
 3) ANTENNA LOADS ARE CENTRALLY LOCATED AND BALANCED, 3-FT OR LESS ABOVE THE TOWER TOP.  
 4) WIND LOADING ASSUMES (1) 1/2" TRANSMISSION LINE PER 10 SQ.FT. OF ROUND MEMBER ANTENNA AREA.

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CUSTOMER:	SITE:	SCALE: 250,000
DATE: 19 FEB 07	BY: EP	CHK: APP:
TITLE: 160FT S600 SUPERTITAN TOWER	DRAWING NO. 000001.620.0393	

REV.	REV. BY:	CHK. BY:	DESCRIPTION	DATE