

FOUNDATION DESIGN (NORMAL DRY SOIL) 20FT S200 SUPERTITAN TOWER DESIGN ASSUMES THAT FROST DEPTH IS LESS THAN 4'-0" TOWER BASE SECTION -15" H/H ─ 18" PROJECTION 10M #4 TIES EQUALLY 12" MAXIMUM ALLOWABLE ANTENNA AREA - PER CSA-S37-01 SPACED AT APPROX. 6" c/c С ROUND ANTENNA MEMBER / FLAT ANTENNA MEMBER Ν CLASS 1 (10mm ICE) CLASS 1 (25mm ICE) CLASS 3 (25mm ICE) (26) 20M (#6) VERTICAL BARS-D SECTION #2 350Pa 550Pa 350Pa 450Pa 550Pa 450Pa 550Pa 350Pa 450Pa c/w STD. HOOK 93/66 70/50 55/39 93/66 70/50 55/39 120/80 92/81 74/49 18" FOUNDATION LOADS: MAX. OVERTUNRING MOMENT (K*FT) = 20M (#6) BARS EQUALLY UNDISTURBED SOIL SPACED AT APPROX. 12" MAX. SHEAR (kips) = MAX. AXIAL (kips) = 6'-6" 18" H/H 15" 24" 24" 15" (REF.) 15" 24" 6'-6" SECTION #3 24" 15" (REF.) CUBIC YARDS OF CONCRETE PAD CONC VOL. | PIER CONC VOL. TOTAL VOL. 21" H/H 2.4 5' EMBEDMENT SECTION INCLUDED IN KITS CONFIDENTIAL: ALL INTELLECTUAL PROPERTY RIGHTS HEREIN ARE THE PROPERTY OF TRYLON MANUFACTURING COMPANY LTD. ALL DUPLICATION, RECORDING, DISCLOSURE OR USE IS PROHIBITED WITHOUT WRITTEN CONSENT OF TRYLON MANUFACTURING COMPANY LTD. NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.0200.020. 2) PRE-ASSEMBLED PART NUMBER: 5.95.0200.020. 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. CUSTOMER: 35.000 16 FEB 07

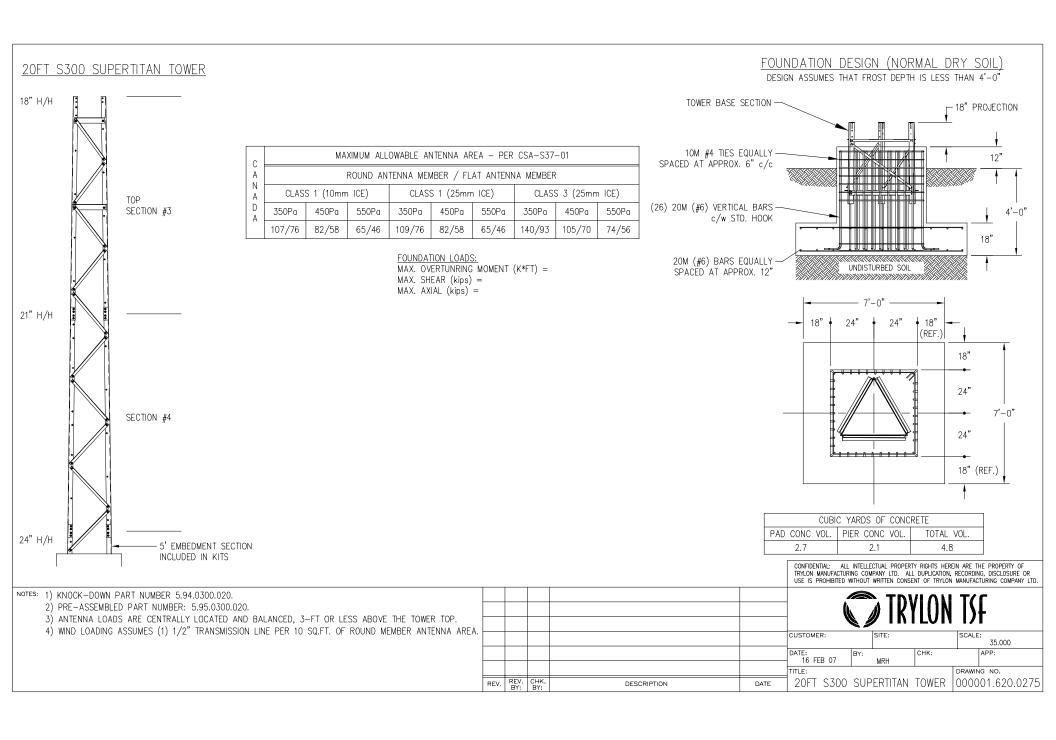
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DESCRIPTION

TITLE:

DRAWING NO.

20FT S200 SUPERTITAN TOWER 000001.620.0274



FOUNDATION DESIGN (NORMAL DRY SOIL) 20FT S400 SUPERTITAN TOWER DESIGN ASSUMES THAT FROST DEPTH IS LESS THAN 4'-0" 21" H/H TOWER BASE SECTION -- 18" PROJECTION 10M #4 TIES EQUALLY MAXIMUM ALLOWABLE ANTENNA AREA - PER CSA-S37-01 12" SPACED AT APPROX. 6" c/c С ROUND ANTENNA MEMBER / FLAT ANTENNA MEMBER Ν CLASS 1 (10mm ICE) CLASS 1 (25mm ICE) CLASS 3 (25mm ICE) (26) 20M (#6) VERTICAL BARS D SECTION #4 350Pa 550Pa 350Pa 450Pa 550Pa 450Pa 550Pa 350Pa 450Pa c/w STD. HOOK 121/86 93/66 73/52 121/86 93/66 77/52 156/104 120/80 96/64 18" FOUNDATION LOADS: 20M (#6) BARS EQUALLY UNDISTURBED SOIL MAX. OVERTUNRING MOMENT (K*FT) = SPACED AT APPROX. 12" MAX. SHEAR (kips) = MAX. AXIAL (kips) = 24" H/H 24" 18" (REF.) 18" 24" 7'-0" SECTION #5 24" 18" (REF.) CUBIC YARDS OF CONCRETE PAD CONC VOL. PIER CONC VOL. TOTAL VOL. 27" H/H 2.7 5' EMBEDMENT SECTION 2.1 INCLUDED IN KITS CONFIDENTIAL: ALL INTELLECTUAL PROPERTY RIGHTS HEREIN ARE THE PROPERTY OF TRYLON MANUFACTURING COMPANY LTD. ALL DUPLICATION, RECORDING, DISCLOSURE OR USE IS PROHIBITED WITHOUT WRITTEN CONSENT OF TRYLON MANUFACTURING COMPANY LTD. NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.0400.020. 2) PRE-ASSEMBLED PART NUMBER: 5.95.0400.020. 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. CUSTOMER: 35.000 16 FEB 07 TITLE: DRAWING NO. REV. REV. CHK. BY: BY: 20FT S400 SUPERTITAN TOWER 000001.620.0276 DESCRIPTION

FOUNDATION DESIGN (NORMAL DRY SOIL) 20FT S500 SUPERTITAN TOWER DESIGN ASSUMES THAT FROST DEPTH IS LESS THAN 4'-0" TOWER BASE SECTION -24" H/H - 18" PROJECTION 10M #4 TIES EQUALLY MAXIMUM ALLOWABLE ANTENNA AREA - PER CSA-S37-01 SPACED AT APPROX. 6" c/c С Α ROUND ANTENNA MEMBER / FLAT ANTENNA MEMBER Ν CLASS 1 (10mm ICE) CLASS 1 (25mm ICE) CLASS 3 (25mm ICE) Α (26) 20M (#6) VERTICAL BARS 4'-0" D SECTION #5 350Pa 550Pa 350Pa 350Pa 450Pa 550Pa 450Pa 450Pa 550Pa c/w STD. HOOK 167/119 128/91 101/72 167/119 128/91 101/72 335/223 | 260/173 | 210/140 18" 20M (#6) BARS EQUALLY FOUNDATION LOADS: MAX. OVERTUNRING MOMENT (K*FT) = UNDISTURBED SOIL SPACED AT APPROX. 12" MAX. SHEAR (kips) = MAX. AXIAL (kips) = - 7'-6" -27" H/H 21" 24" 24" 21" (REF.) 21" 24" 7'-6" SECTION #6 24" 21" (REF.) CUBIC YARDS OF CONCRETE PAD CONC VOL. PIER CONC VOL. TOTAL VOL. 30" H/H 2.1 5.2 3.1 5' EMBEDMENT SECTION INCLUDED IN KITS CONFIDENTIAL: ALL INTELLECTUAL PROPERTY RIGHTS HEREIN ARE THE PROPERTY OF TRYLON MANUFACTURING COMPANY LTD. ALL DUPLICATION, RECORDING, DISCLOSURE OR USES IS PROHIBITED WITHOUT WRITTEN CONSENT OF TRYLON MANUFACTURING COMPANY LTD.

NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.0500.020. 2) PRE-ASSEMBLED PART NUMBER: 5.95.0500.020. 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.							€ TN	VI ALI	T/C
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						CUSTOMER:	SITE:		SCALE: 35.000
						DATE: 16 FEB 07	BY: MRH	CHK:	APP:
						TITLE:			DRAWING NO.
	REV.	REV. BY:	CHK. BY:	DESCRIPTION	DATE	20FT S500	SUPERTITAN	TOWER	000001.620.0277