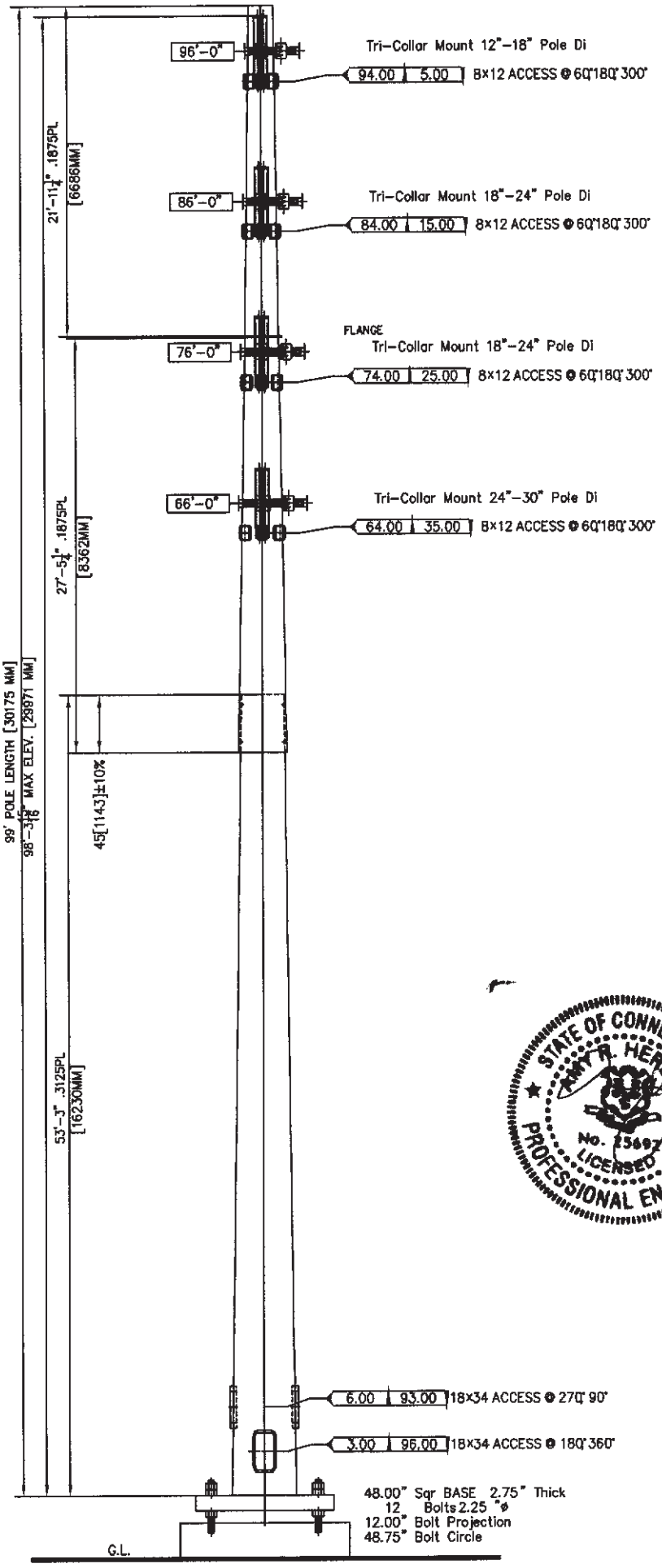


POLE SPECIFICATIONS		
POLE HEIGHT	99.00	FEET
TAPER	.2712	IN/FT
POLE SHAPE	18	SIDED POLYGON
ORIENTATION	FLAT-FLAT	

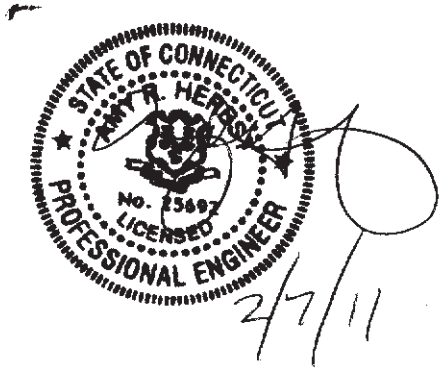
Lev	Qty	Elev ft.	Future	DESCRIPTION APPURTENANCE / ANTENNA
1	1	96.00	F	Tri-Collar Mount 12"-18" Pole Di
	3	96.00	F	APX16DWV-16DWV-S-E-ACU
	6	96.00	F	TMA
2	1	86.00	F	Tri-Collar Mount 18"-24" Pole Di
	3	86.00	F	APX16DWV-16DWV-S-E-ACU
	6	86.00	F	TMA
3	1	76.00	F	Tri-Collar Mount 18"-24" Pole Di
	3	76.00	F	APX16DWV-16DWV-S-E-ACU
	6	76.00	F	TMA
4	1	66.00	F	Tri-Collar Mount 24"-30" Pole Di
	3	66.00	F	APX16DWV-16DWV-S-E-ACU
	6	66.00	F	TMA

Load Case DESCRIPTION	Wind (mph)	DLF Vert	Rad. Ice	Factors Gust	Cf	Wind (psf)
1) Max Wind	120.0	1.00	.50	1.69	.65	62.3
2) Max Wind Load x.75	103.9	1.00		1.69	.65	46.7
3) Everyday Operating	50.0	1.00		1.69	.65	10.8

Load Case DESCRIPTION	Res. Axial (kips)	Base Shear (kips)	React Mom (ft-k)	Disp DEFL. (ft)	@Top SWAY (deg)
1) Max Wind	16.8	20.5	1305	3.6	3.71
2) Max Wind Load x.75	14.3	14.4	902	2.5	2.53
3) Everyday Operating	14.1	3.3	208	.6	.59

Sec	LENGTH (ft)	Flat-Flat TOPø	BOTø	THICK (in)	WEIGHT (lbs)	STEEL SPEC	FINISH
1	22.00	16.25	22.22	.1875	1300	A572-65	Galv/Paint
2	27.50	22.22	29.67	.1875	1900	A572-65	Galv/Paint
3	53.25	28.28	42.72	.3125	8800	A572-65	Galv/Paint
				TOTAL	12000		
ABolt Cluster		Boltø	Holeø				
AB	84.00	2.25	2.625		1700	A615-75	Galv-18"

1) FULL HEIGHT STEP BOLTS
2) ANTENNA FEED LINES RUN INSIDE POLE
3) THE MONOPOLE WAS DESIGNED IN ACCORDANCE WITH EIA/TIA-222-F.



Sabre Towers & Poles

T-MOBILE

CTNL801A, CT

100.00 MONOPOLE

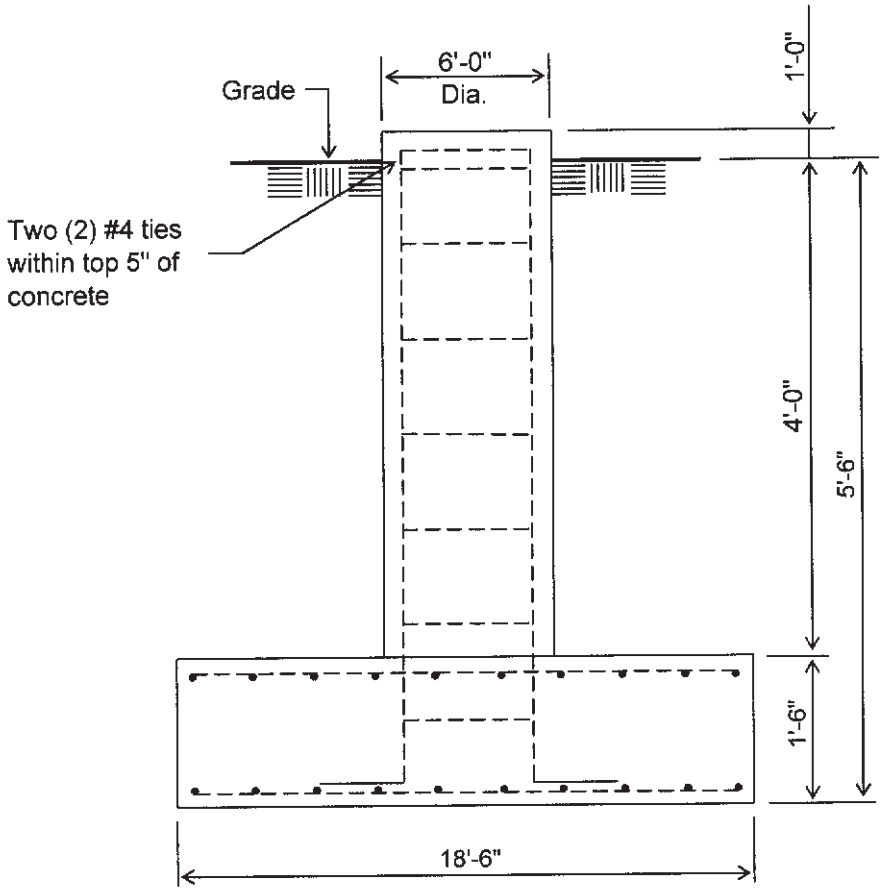
40203	
DATE	04Feb11
DRAWN BY	—
CHECKED BY	TRJ

SIZE	DRAWING NO.	REV
A	40203-PE	—

REFERENCE DRAWING	SCALE	PAGE
	N.T.S.	1

Customer: T-MOBILE
Site: CTNL801A, CT

100' Monopole at
120 mph Wind + 0.5 in. Ice (concurrent) per ANSI/TIA/EIA-222-F-1996.
Antenna Loading per Page 1



Notes:

1). Concrete shall have a minimum 28-day compressive strength of 4500 PSI, in accordance with ACI 318-05

2). Rebar to conform to ASTM specification A615 Grade 60.

3). All rebar to have a minimum of 3" concrete cover.

4). All exposed concrete corners to be chamfered 3/4".

5). The foundation design is based on the geotechnical report by Terracon project no. J2105223, dated: 11/11/10

6). See the geotechnical report for compaction requirements, if specified.

ELEVATION VIEW
(24.25 Cu. Yds. each)
(1 REQUIRED; NOT TO SCALE)

Rebar Schedule per Pad and Pier	
Pier	(26) #8 vertical rebar w/hooks at bottom w/#4 ties, two within top 5" of top of pier then 12" C/C
Pad	(20) #8 horizontal rebar evenly spaced each way top and bottom (80 Total)