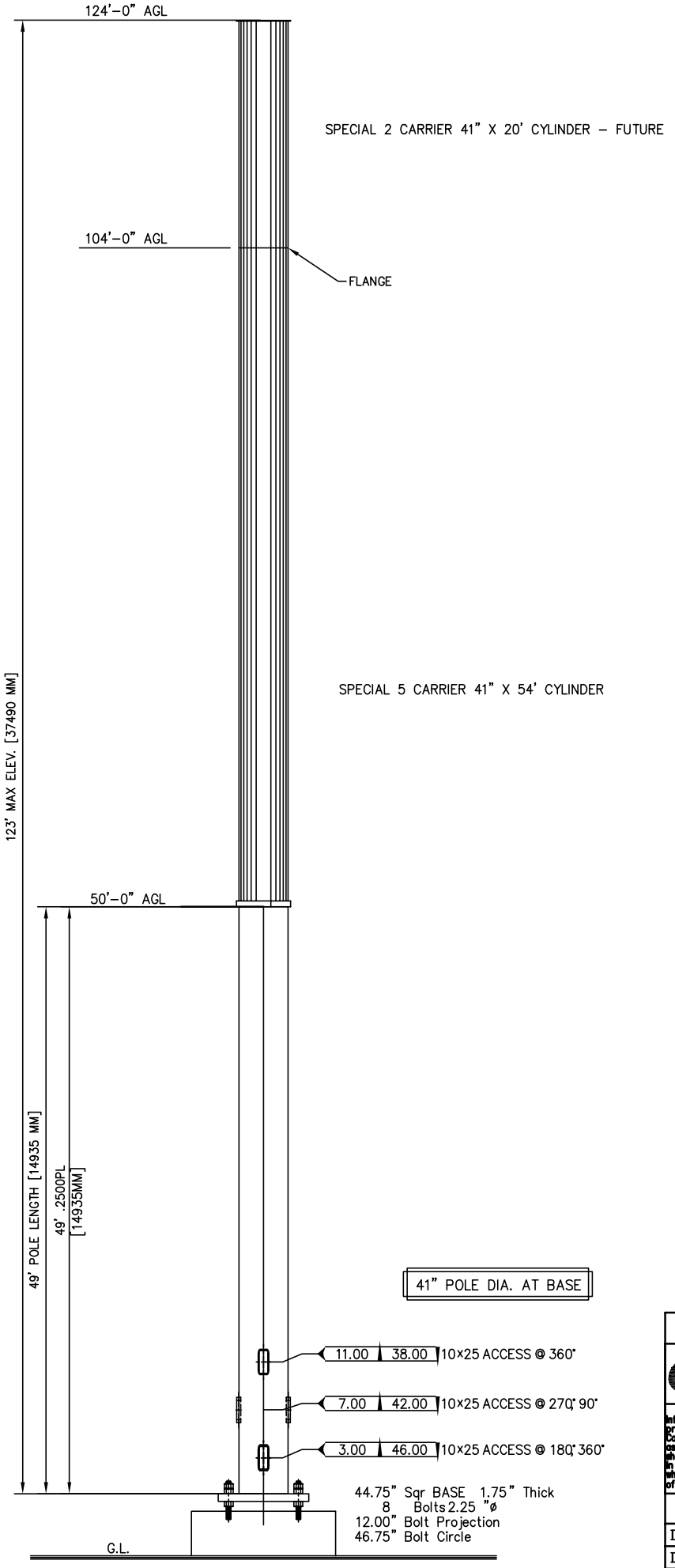

POLE SPECIFICATIONS		
POLE HEIGHT	49.00	FEET
TAPER	.0000	IN/FT
POLE SHAPE	18	SIDED POLYGON
ORIENTATION	FLAT-FLAT	

Lev	Qty	Elev ft.	Future	DESCRIPTION APPURTENANCE / ANTENNA
1	1	49.00		SPECIAL 7 Carrier
	3	118.00		DB848H90E-XY.
	3	108.00	F	DB848H90E-XY.
	3	97.00	F	72" X 14.5" X 9"
	12	97.00	F	DTMABP7819VG12A
	3	85.00	F	72" X 14.5" X 9"
	12	85.00	F	DTMABP7819VG12A
	3	74.00	F	FLG-X7CAP-665
	3	64.00	F	DB848H90E-XY.
	3	54.00	F	DB848H90E-XY.

Load Case DESCRIPTION	Wind (mph)	OLF Vert	Rad. Ice	Factors Gust	Cf	Wind (psf)
1) 3s Gusted Wind	105.0	1.20		1.10	.65	47.2
2) 3s Gusted Wind 0.9	105.0	.90		1.10	.65	47.2
3) 3s Gusted Wind&Ice	40.0	1.20	1.00	1.10	1.20	4.3
4) Service Loads	60.0	1.00		1.10	.65	8.6

Load Case DESCRIPTION	Res. Base React Axial (kips)	Shear (kips)	Mom (ft-k)	Disp @Top DEFL. (ft)	SWAY (deg)
1) 3s Gusted Wind	20.2	14.8	961	.7	1.31
2) 3s Gusted Wind 0.9	15.1	14.8	959	.6	1.31
3) 3s Gusted Wind&Ice	25.7	1.9	107	.1	.14
4) Service Loads	16.8	2.7	175	.1	.24

1) ANTENNA FEED LINES RUN INSIDE POLE
2) THE MONOPOLE WAS DESIGNED IN ACCORDANCE WITH ANSI/TIA-222-G, STRUCTURE CLASS II, EXPOSURE CATEGORY C, TOPOGRAPHIC CATEGORY 1.

SBA NETWORK SERVICES INC

Sabre Towers & Poles

Acton 2, MA

MA11845-S

104.00/124.00 SLIMLINE

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14-4317	SIZE A	DRAWING NO. 14-4317-PE		REV _
DATE 31Oct13				
DRAWN BY _	REFERENCE DRAWING		SCALE N.T.S.	PAGE 1
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