

REVISION HISTORY		
REV	DATE	DESCRIPTION
A	7/23/2005	ADDED 45 FOUNDATIONS
B	9/10/2005	ADDED 55 FOUNDATIONS

ANCHOR TYPE	A	B	C	ALLOW HORIZ (LBS)	ALLOW UPLIFT (LBS)
4A	1'-6"	1'-6"	1'-6"	1100	1570
4B	1'-6"	1'-6"	2'-0"	1460	1890
4C	1'-6"	1'-6"	2'-6"	1830	2210
4D	1'-6"	1'-6"	3'-0"	2190	2530
4E	1'-6"	1'-6"	3'-6"	2560	2850
4F	1'-6"	1'-6"	4'-0"	2920	3170
4G	2'-0"	2'-0"	4'-0"	3600	3590
4H	2'-0"	2'-0"	5'-0"	4500	4390
4J	2'-0"	2'-0"	4'-6"	4050	4000
5A	2'-0"	2'-0"	4'-0"	4800	5280
5B	2'-0"	2'-0"	4'-6"	5400	5800
5C	2'-0"	2'-0"	5'-0"	6000	6320
5D	2'-0"	2'-0"	5'-6"	6600	6840
5E	2'-0"	2'-0"	6'-0"	7200	7360
5F	2'-0"	2'-0"	6'-6"	7800	7880
5G	2'-6"	2'-6"	6'-0"	8440	8260
5H	2'-6"	2'-6"	6'-6"	9140	8880
5I	2'-6"	2'-6"	7'-0"	9840	9500
5J	2'-6"	2'-6"	7'-6"	10550	10120
5K	2'-6"	2'-6"	8'-0"	11250	10740

TYPICAL ANCHOR

STANDARD BASE FOUNDATION

Z-ALLOW COMPRESSION = 12,000 LBS. (AMERITE 25 TOWERS ONLY)
 Z-ALLOW COMPRESSION = 12,000 LBS. (AMERITE 45 TOWERS LESS THAN 130')
 Y-ALLOW COMPRESSION = 16,000 LBS. (AMERITE 45 TOWERS 140' AND UP)(AMERITE 55 TOWERS 170' AND LESS)
 X-ALLOW COMPRESSION = 20,000 LBS. (AMERITE 55 180'-240')
 W-ALLOW COMPRESSION = 25,000 LBS. (AMERITE 55 ABOVE 240')

SOIL DESIGN PROPERTIES
 ALLOWABLE BEARING PRESSURE = 2000 PSF
 SOIL UNIT WEIGHT = 100 PCF
 FRICTION ANGLE 30# NO COHESION
 DELETERIOUS SOIL, ORGANICS, PEAT, SOFT SOILS,
 WATER, ROCK NOT CONSIDERED

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TITLE
 AMERITE 25,45, 55 GUYED FOUNDATION

SIZE	DWG NO	SHT. #
A	1306	1
DRAWN BY: DOW		DATE 6/23/2005