



STANDARD 65G GUYED TOWER

ROHN 65G
The first. The original.



65G

GENERAL USE

The 65G is designed to provide excellent rigidity and strength in applications up to 500'. This high strength design covers a wide variety of communication uses. The 65G is completely pre-fabricated in welded sections, allowing for quick and convenient installation.

FEATURES

- Completely hot-dip galvanized after fabrication
- Built on a 24 1/4" equilateral triangle design
- High strength tubular legs joined by Zig-Zag® cross members
- Each section contains all required nuts and bolts shipped with section
- Continuous solid round steel bracing

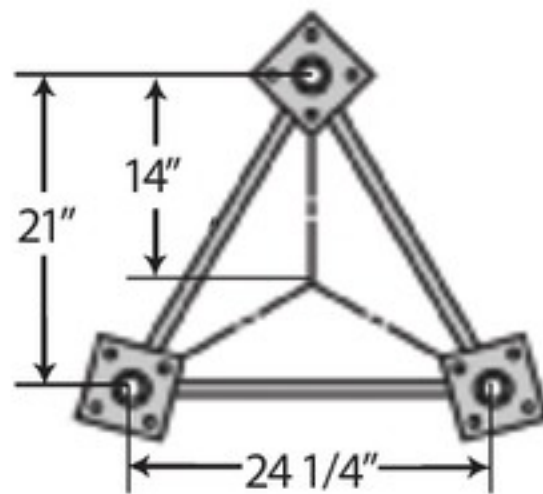
CAUTION

Mixing copies of ROHN towers with ROHN towers is dangerous and voids all engineering and warranty data supplied by ROHN. Materials used by others are not the same quality and have not been tested or engineered by ROHN. Mixing ROHN tower sections with non-ROHN products may cause tower failure or injury.

Per Rev G requirements, any structure greater than 10' requires a climber safety device. Please see page 142 for ordering information.

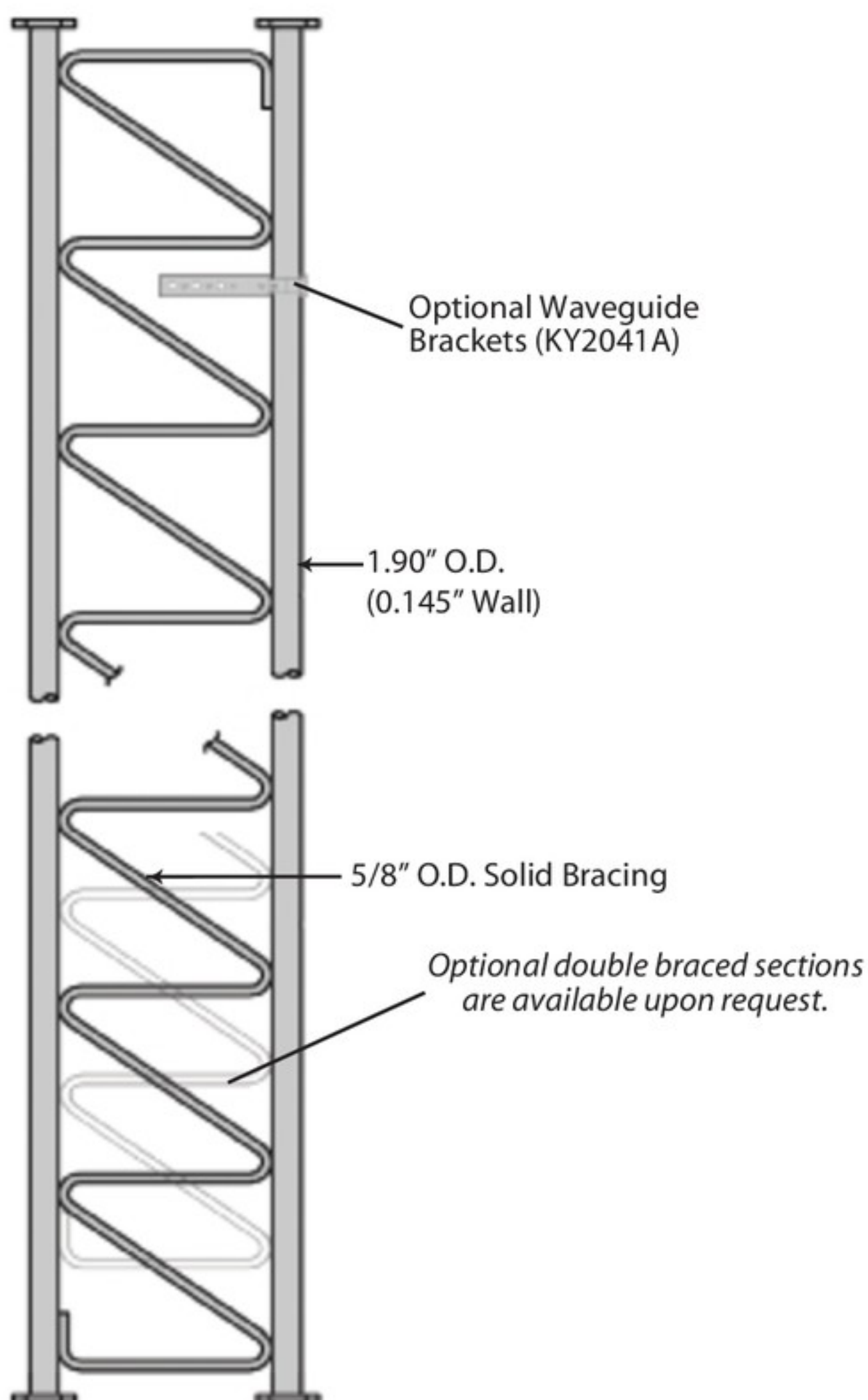


STANDARD 65G GUYED TOWER SECTIONS

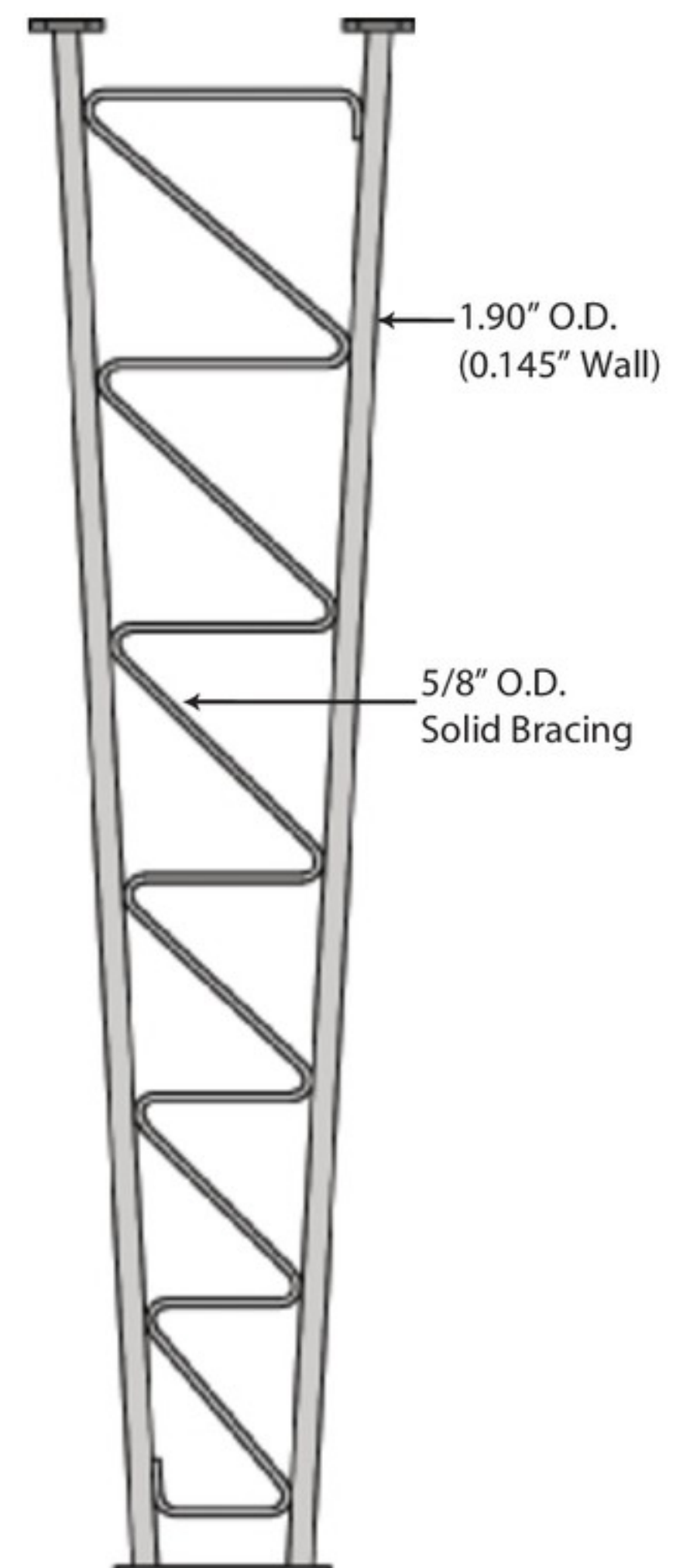


QUICK REFERENCE

PARTS & ACCESSORIES	PAGES 141-142
GROUNDING INFORMATION	PAGE 143
FOUNDATION INFORMATION	PAGES 143-146



STANDARD SECTION
65G - 10' Section
6520G - 20' Section

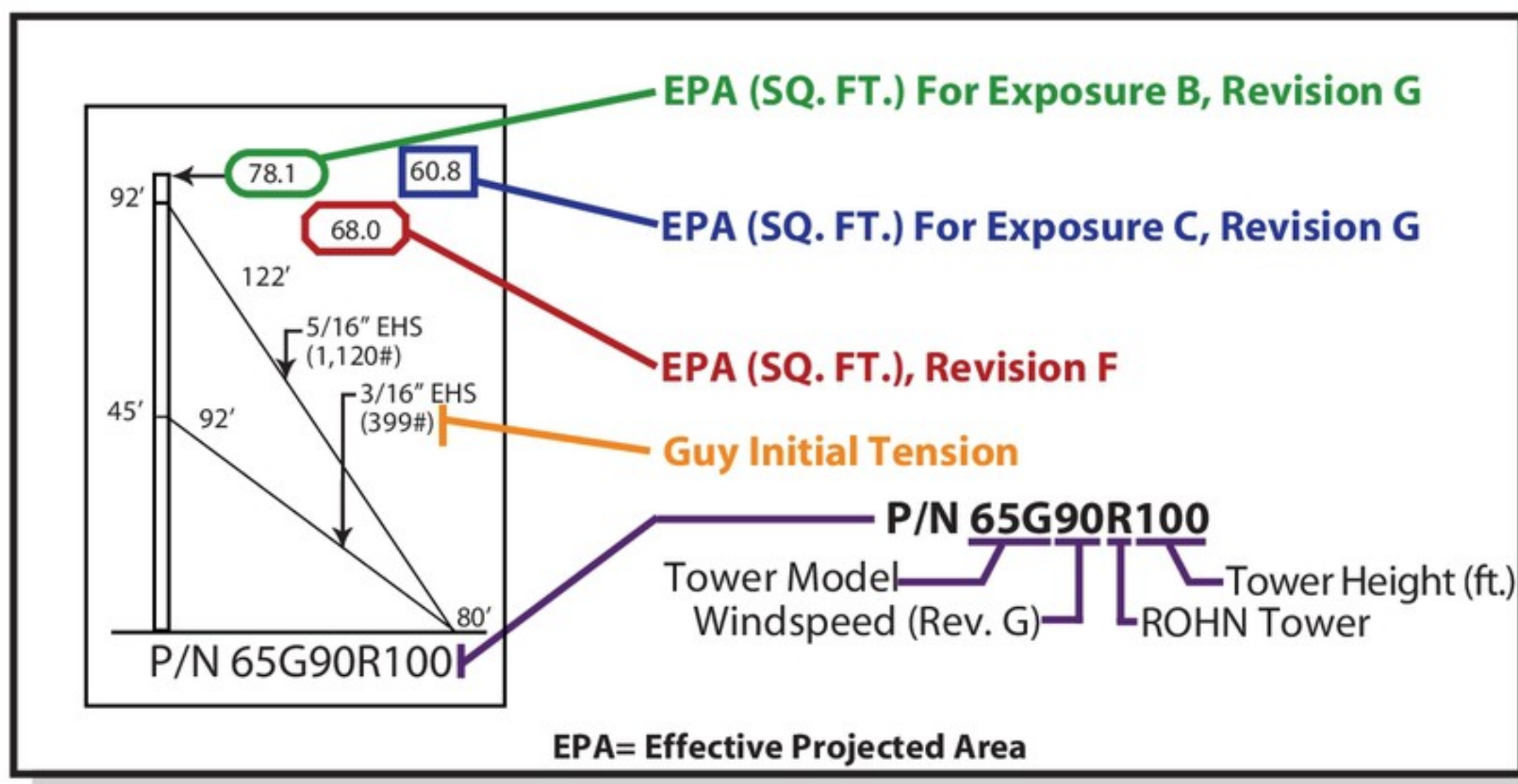


TAPERED BASE
65TGH - 10' Section



BUYERS GUIDE STANDARD DESIGNS - 65G 90MPH REV. G [3 SECOND GUST] 70MPH REV. F [FASTEST MILE]

Design Criteria



This document is to serve as a guide for sizing and purchasing the 65G tower. Tower and foundation installations should be performed by qualified and experienced personnel using assembly drawings provided with each tower.

DESIGN NOTES:

1. Tower designs are in accordance with ANSI/TIA-222-F and ANSI/TIA-222-G, Class I Structures, Topographic Category 1.
2. Design assumes towers are installed on level ground. Lower EPA values will apply for roof mounted towers or for sites located on unusual terrain.
3. Designs assume two 7/8" diameter lines on each tower face.
4. Anchor radius is from tower base to intersection of anchor rod with ground.
5. Guy chord lengths shown are based on level ground. Initial tensions for guys are shown in () in pounds at 60° Fahrenheit.
6. Antenna and mounts are assumed symmetrically placed at the tower top.

PARTS LIST NOTES:

1. Items listed are required for complete guyed towers.
2. Base and anchor foundations listed refer to standard foundation designations.
3. Guys provided with each standard tower are based on level ground conditions with an additional 6% length.
4. Rev G anchor grounding (AGK1GGX) and base grounding (BGK2GGX) are included with the tower material.
5. Assembly drawings and a safety package (P/N: ACWS) are included with each tower.
6. Parts lists are subject to change based on availability or revised design criteria.

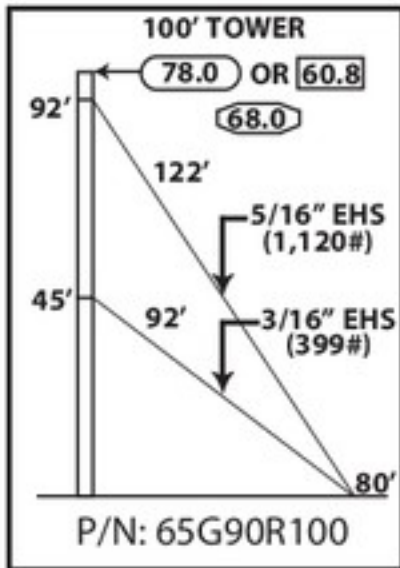
FOR FOUNDATION INFORMATION, PLEASE SEE PAGES 143-146.

FOR GENERAL INSTALLATION INFORMATION, PLEASE SEE PAGES 147-153.



STANDARD DESIGN - 65G

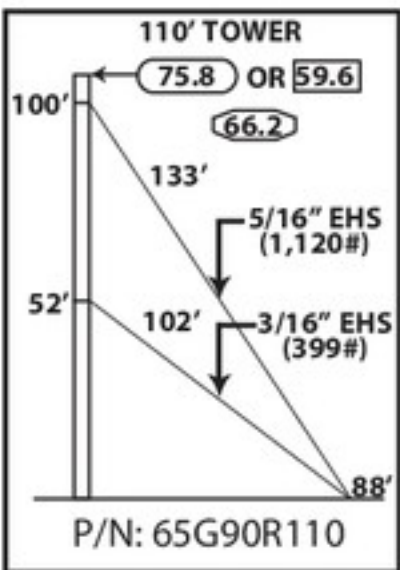
90 MPH REV. G, 70MPH REV. F



TOWER PARTS INCLUDED	65G		65TGH		6520G		GA65GD		APL4HA		FDNS	
	1		1		4		2		1		BASE	ANCHOR
											CB2G	AB2
GUYS & CONNECTIONS INCLUDED	142265	3/16EHS	BG2142	BG2146	5/16THH	7/16THH	5/8TBE&J	1/2TBE&J				
	400'	300'	6	6	6	6	3	3				
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX		BGK2GGX		CPC.5/.75		TBSAFETY		15/16x16PP	
	3		1		3		3		3		1	

100' ROHN 65G

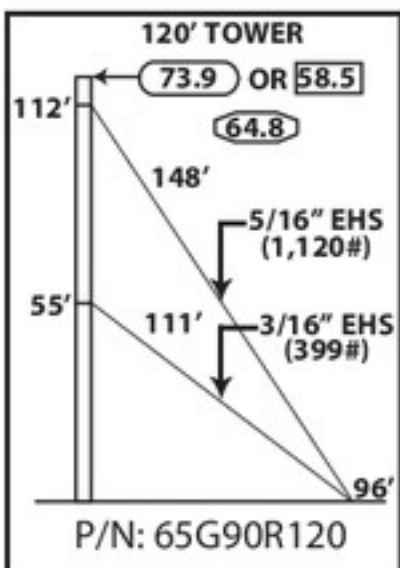
All parts shown in table are included when ordering Part No: 65G90R100



TOWER PARTS INCLUDED	65TGH		6520G		APL4HA		GA65GD		FDNS	
									BASE	ANCHOR
	1		5		1		2		CB2G	AB2
GUYS & CONNECTIONS INCLUDED	142265	3/16EHS	BG2142	BG2146	5/16THH	7/16THH	5/8TBE&J	1/2TBE&J		
	425'	325'	6	6	6	6	3	3		
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX	BGK2GGX	CPC.5/.75		TBSAFETY		15/16x16PP	
	3		1	3	3		3		1	

110' ROHN 65G

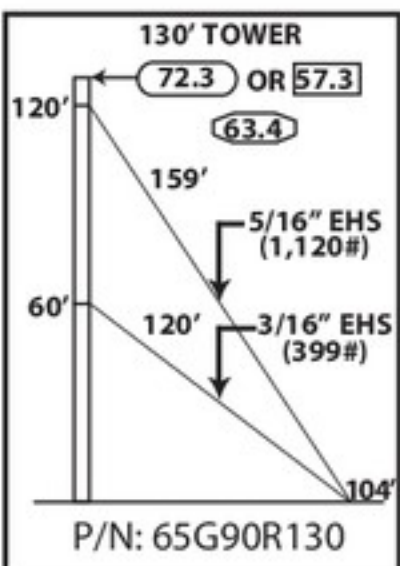
All parts shown in table are included when ordering Part No: 65G90R110



TOWER PARTS INCLUDED	65G		65TGH		6520G		GA65GD		APL4HA		FDNS	
	1		1		5		2		1		BASE	ANCHOR
											CB2G	AB2
GUYS & CONNECTIONS INCLUDED	142265	3/16EHS	BG2142	BG2146	5/16THH	7/16THH	5/8TBE&J	1/2TBE&J				
	475'	375'	6	6	6	6	3	3				
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX	BGK2GGX	CPC.5/.75		TBSAFETY	15/16x16PP				
	3		1	3	3		3	1				

120' ROHN 65G

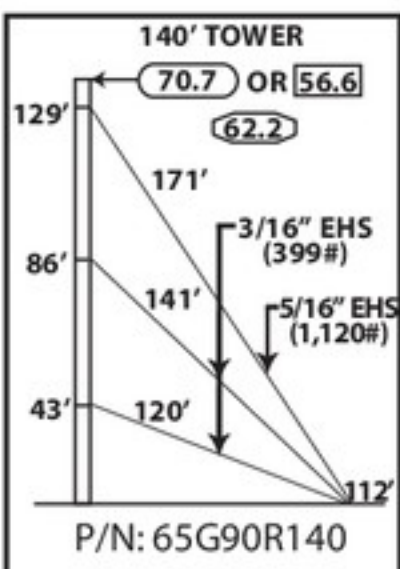
All parts shown in table are included when ordering Part No: 65G90R120



TOWER PARTS INCLUDED	65TGH		6520G		GA65GD		APL4HA		FDNS	
									BASE	ANCHOR
	1		6		2		1		CB2G	AB2
GUYS & CONNECTIONS INCLUDED	142265	3/16EHS	BG2142	BG2146	5/16THH	7/16THH	5/8TBE&J	1/2TBE&J		
	525'	400'	6	6	6	6	3	3		
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX	BGK2GGX	CPC.5/.75		TBSAFETY		15/16x16PP	
	3		1	3	3		3		1	

130' ROHN 65G

All parts shown in table are included when ordering Part No: 65G90R130



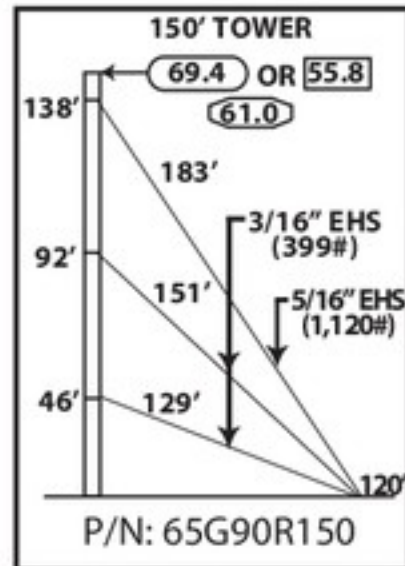
TOWER PARTS INCLUDED	65G		65TGH		6520G		APL4HA		GA65GD		FDNS	
											BASE	ANCHOR
	1		1		6		1		3		CB2G	AB2
GUYS & CONNECTIONS INCLUDED	142265	3/16EHS	BG2142	BG2146	5/16THH	7/16THH	5/8TBE&J	1/2TBE&J				
	550'	850'	12	6	12	6	3	6				
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX	BGK2GGX	CPC.5/.75		TBSAFETY		15/16x16PP			
	3		1	3	3		3		1			

140' ROHN 65G

All parts shown in table are included when ordering Part No: 65G90R140



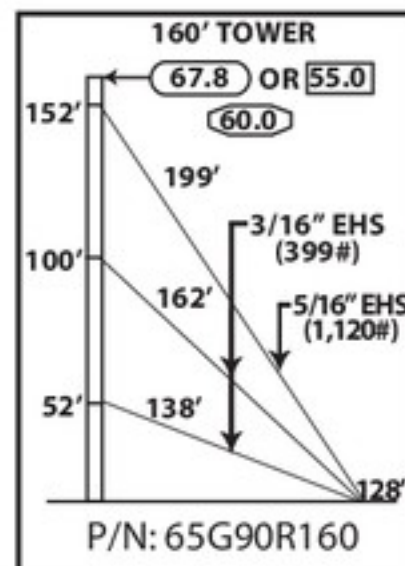
STANDARD DESIGN - 65G 90MPH REV. G, 70MPH REV. F



TOWER PARTS INCLUDED	65TGH		6520G		APL4HA		GA65GD		FDNS		
									BASE	ANCHOR	
	1		7		1		3		CB2G	AB2	
GUYS & CONNECTIONS INCLUDED	142265	3/16EHS	BG2142	BG2146	5/16THH	7/16THH	5/8TBE&J	1/2TBE&J			
	600'	900'	12	6	12	6	3	6			
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX		BGK2GGX		CPC.5/.75		TBSAFETY		15/16x16PP
	3		1		3		3		3		1

150' ROHN 65G

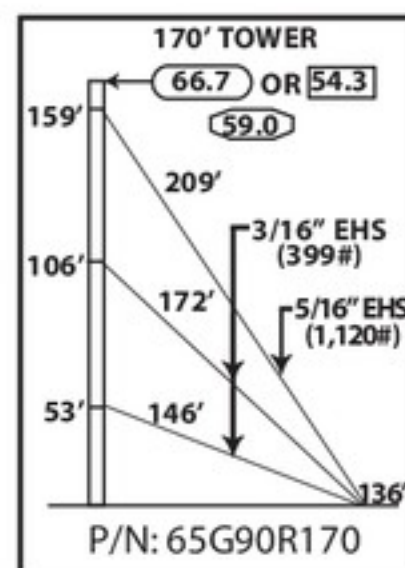
All parts shown in table are included when ordering
Part No: 65G90R150



TOWER PARTS INCLUDED	65G		65TGH		6520G		APL4HA		GA65GD		FDNS	
											BASE	ANCHOR
	1		1		7		1		3		CB2G	AB3
GUYS & CONNECTIONS INCLUDED	142265	3/16EHS	BG2142	BG2146	5/16THH	7/16THH	5/8TBE&J					
	650'	975'	12	6	12	6	9					
ANCHORS & GROUNDING INCLUDED	GAC5655TOP		AGK1GGX		BGK2GGX		CPC1/1.25		TBSAFETY		15/16x16PP	
	3		1		3		3		3		1	

160' ROHN 65G

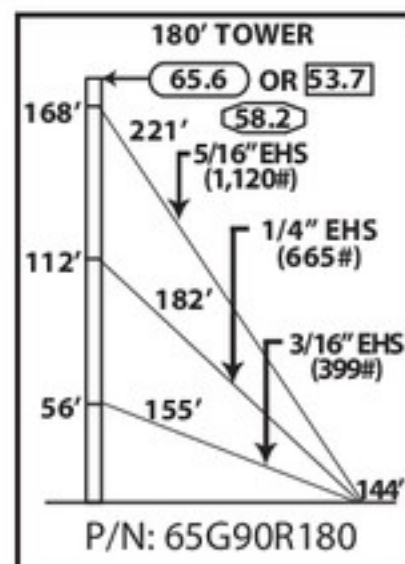
All parts shown in table are included when ordering
Part No: 65G90R160



TOWER PARTS INCLUDED	65TGH		6520G		APL4HA		GA65GD		FDNS	
									BASE	ANCHOR
	1		8		1		3		CB3G	AB3
GUYS & CONNECTIONS INCLUDED	142265	3/16EHS	BG2142	BG2146	5/16THH	7/16THH	5/8TBE&J			
	675'	1025'	12	6	12	6	9			
ANCHORS & GROUNDING INCLUDED	GAC5655TOP		AGK1GGX	BGK2GGX	CPC1/1.25		TBSAFETY		15/16x16PP	
	3		1	3	3		3		1	

170' ROHN 65G

All parts shown in table are included when ordering
Part No: 65G90R170



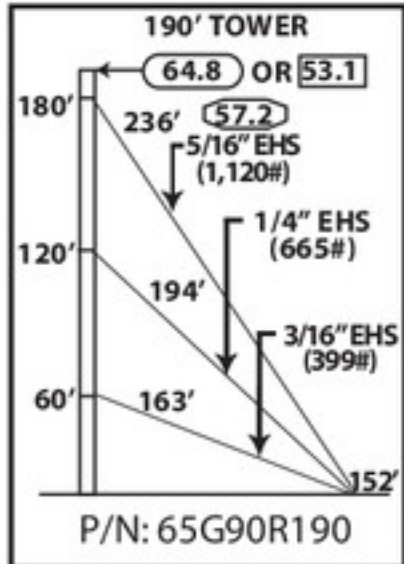
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
	1	1	8	1	3	CB3G	AB3
GUYS & CONNECTIONS INCLUDED	142265	1/4EHS	3/16EHS	BG2142	BG2144		
	725'	600'	500'	6	6		
	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16THH		
	6	9	6	6	6		
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	

180' ROHN 65G

All parts shown in table are included when ordering
Part No: 65G90R180

STANDARD DESIGN - 65G

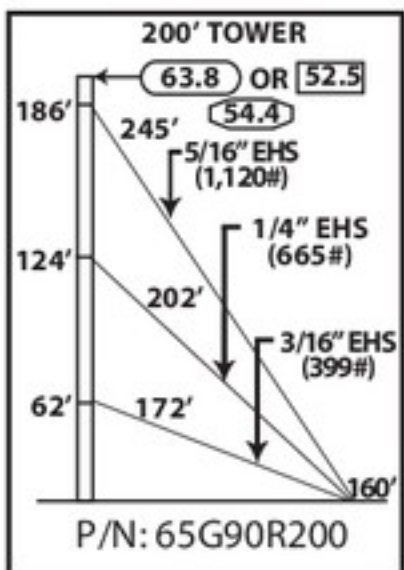
90MPH REV. G, 70MPH REV. F



TOWER PARTS INCLUDED	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR
	1	9	1	3	CB3G	AB3
GUYS & CONNECTIONS INCLUDED	142265	1/4EHS	3/16EHS	BG2142	BG2144	
	750'	625'	525'	6	6	
	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16THH	
	6	9	6	6	6	
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP
	3	1	3	6	3	1

190' ROHN 65G

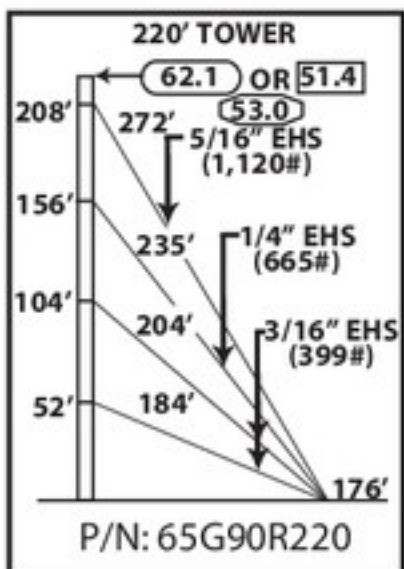
All parts shown in table are included when ordering
Part No: 65G90R190



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS BASE	ANCHOR
	1	1	9	1	3	CB3G	AB3
GUYS & CONNECTIONS INCLUDED	142265	1/4EHS	3/16EHS	BG2142	BG2144		
	800'	650'	550'	6	6		
	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16THH		
	6	9	6	6	6		
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3		1

200' ROHN 65G

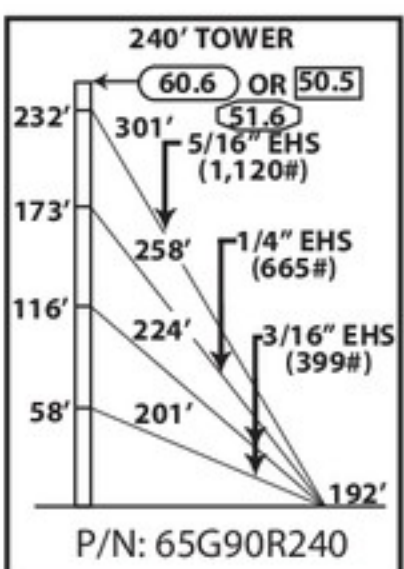
All parts shown in table are included when ordering
Part No: 65G90R200



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS BASE	ANCHOR
	1	1	10	1	4	CB3G	AB3
GUYS & CONNECTIONS INCLUDED	142265	1/4EHS	3/16EHS	BG2142	BG2144		
	875'	750'	1250'	12	6		
	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16THH		
	6	12	6	6	12		
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3		1

220' ROHN 65G

All parts shown in table are included when ordering
Part No: 65G90R220



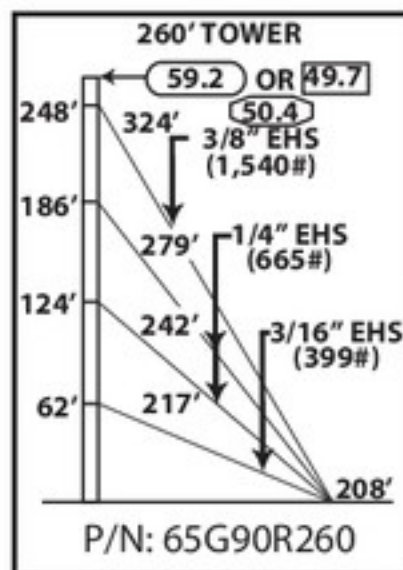
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS BASE	ANCHOR
	1	1	11	1	4	CB3G	AB3
GUYS & CONNECTIONS INCLUDED	142265	1/4EHS	3/16EHS	BG2142	BG2144		
	975'	825'	1375'	12	6		
	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16THH		
	6	12	6	6	12		
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3		1

240' ROHN 65G

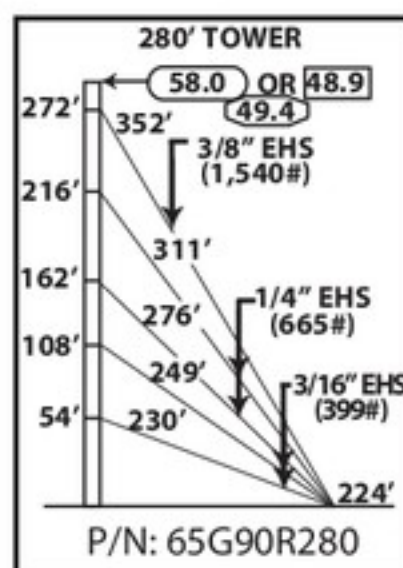
All parts shown in table are included when ordering
Part No: 65G90R240



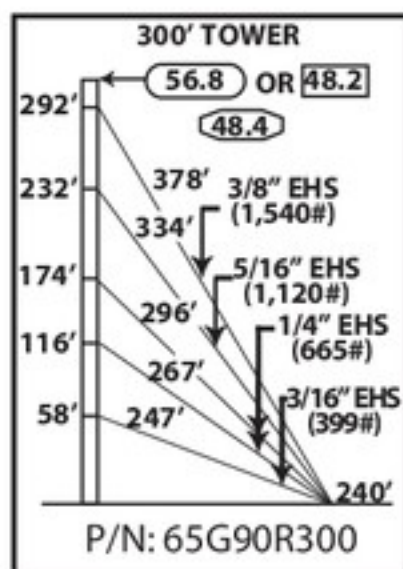
STANDARD DESIGN - 65G 90MPH REV. G, 70MPH REV. F



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
	1	1	12	1	4	CB4G	AB4
GUYS & CONNECTIONS INCLUDED	142261	1/4EHS	3/16EHS	BG2142	BG2144	260' ROHN 65G All parts shown in table are included when ordering Part No: 65G90R260	
	1050'	1675'	700'	6	12		
	BG2147	5/8TBE&J	1/2THH	3/8THH	5/16THH		
	6	12	6	12	6		
ANCHORS & GROUNDING INCLUDED	GAC565TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	



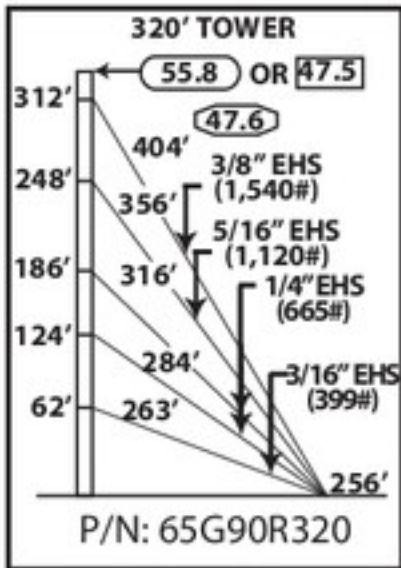
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
	1	1	13	1	5	CB4G	AB4
GUYS & CONNECTIONS INCLUDED	142261	1/4EHS	3/16EHS	BG2142	BG2144	280' ROHN 65G All parts shown in table are included when ordering Part No: 65G90R280	
	1125'	1875'	1550'	12	12		
	BG2147	5/8TBE&J	1/2THH	3/8THH	5/16THH		
	6	15	6	12	12		
ANCHORS & GROUNDING INCLUDED	GAC565TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
	1	1	14	1	5	CB4G	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	3/16EHS	BG2142	300' ROHN 65G All parts shown in table are included when ordering Part No: 65G90R300	
	1225'	1075'	1800'	800'	6		
	BG2144	BG2146	BG2147	5/8TBE&J	1/2THH		
	12	6	6	15	6		
	7/16THH	3/8THH	5/16THH	TBSAFETY			
	6	12	6	3			
ANCHORS & GROUNDING INCLUDED	GAC565TOP	AGK1GGX	BGK2GGX	CPC1/1.25	15/16x16PP		
	3	1	3	3	1		

STANDARD DESIGN - 65G

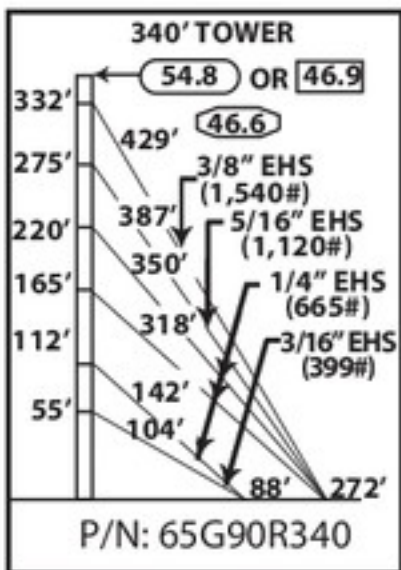
90MPH REV.G, 70MPH REV. F



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
	1	1	15	1	5	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	3/16EHS	BG2142	CB5G	AB4
	1300'	1150'	1925'	850'	6		
	BG2144	BG2146	BG2147	5/8TBE&J	1/2THH		
	12	6	6	15	6		
	7/16THH	3/8THH	5/16THH	TBSAFETY			
	6	12	6	3			
ANCHORS & GROUNDING INCLUDED	GAC565TOP	AGK1GGX	BGK2GGX	CPC1/1.25	15/16x16PP		
	3	1	3	3	1		

320' ROHN 65G

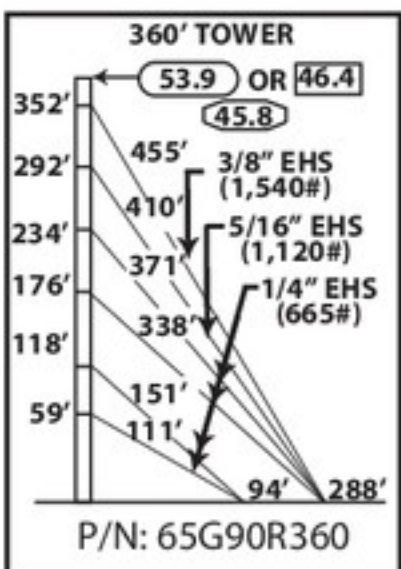
All parts shown in table are included when ordering
Part No: 65G90R320



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR
	1	1	16	1	6	CB5G	AB2	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	3/16EHS	BG2142			
	1375'	1250'	2600'	350'	6			
	BG2144	BG2146	BG2147	5/8TBE&J	1/2TBE&J			
	18	6	6	12	6			
	1/2THH	7/16THH	3/8THH	5/16THH				
	6	6	18	6				
ANCHORS & GROUNDING INCLUDED	GAC565TOP	GAC345TOP	AGK1GGX	BGK2GGX				
	3	3	2	3				
	CPC.5/.75	CPC1/1.25	TBSAFETY	15/16x16PP				
	3	3	6	1				

340' ROHN 65G

All parts shown in table are included when ordering
Part No: 65G90R340



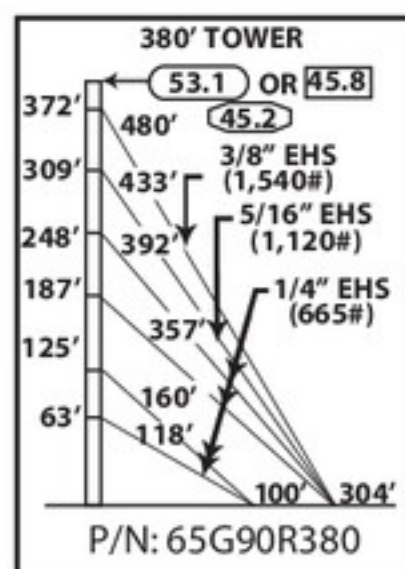
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR
	1	1	17	1	6	CB6G	AB2	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	5/8TBE&J	1/2TBE&J	3/8THH		
	1450'	1325'	3100'	12	6	24		
	BG2144	BG2146	BG2147	1/2THH	7/16THH			
	24	6	6	6	6			
ANCHORS & GROUNDING INCLUDED	GAC565TOP	GAC345TOP	AGK1GGX	BGK2GGX	CPC.5/.75			
	3	3	2	3	3			
	CPC1/1.25	APL1258UM	TBSAFETY	15/16x16PP				
	3	2	6	1				

360' ROHN 65G

All parts shown in table are included when ordering
Part No: 65G90R360



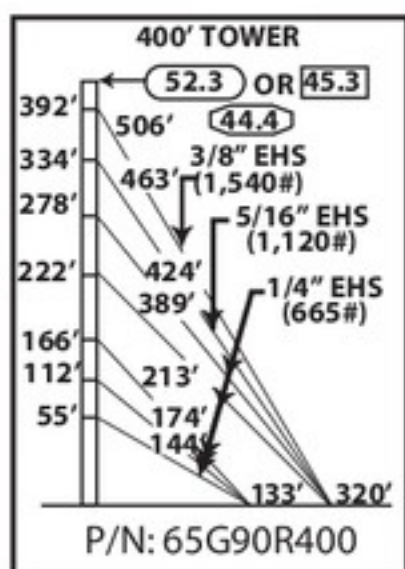
STANDARD DESIGN - 65G 90MPH REV. G, 70MPH REV. F



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR
	1	1	18	1	6	CB6G	AB2	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	5/8TBE&J	1/2TBE&J	3/8THH		
	1550'	1400'	3300'	12	6	24		
	BG2144	BG2146	BG2147	1/2THH	7/16THH			
	24	6	6	6	6			
ANCHORS & GROUNDING INCLUDED	GAC565TOP	GAC345TOP	AGK1GGX	BGK2GGX	CPC.5/.75			
	3	3	2	3	3			
	CPC1/1.25	APL1258UM	TBSAFETY	15/16x16PP				
	3	2	6	1				

380' ROHN 65G

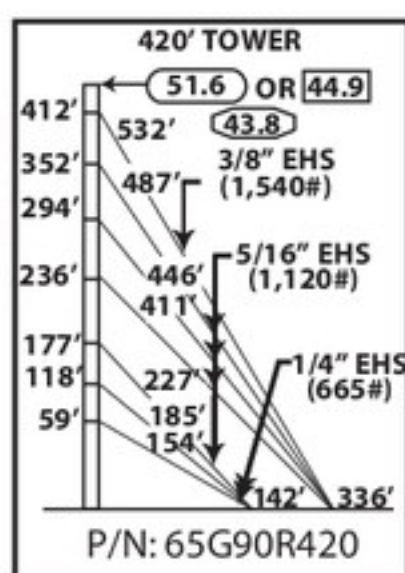
All parts shown in table are included when ordering
Part No: 65G90R380



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR
	1	1	19	1	7	CB6G	AB2	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	5/8TBE&J	1/2TBE&J	3/8THH		
	1625'	1475'	4300'	12	9	30		
	BG2144	BG2146	BG2147	1/2THH	7/16THH			
	30	6	6	6	6			
ANCHORS & GROUNDING INCLUDED	GAC565TOP	GAC345TOP	AGK1GGX	BGK2GGX	CPC.5/.75			
	3	3	2	3	3			
	CPC1/1.25	APL1258UM	TBSAFETY	15/16x16PP				
	3	2	6	1				

400' ROHN 65G

All parts shown in table are included when ordering
Part No: 65G90R400



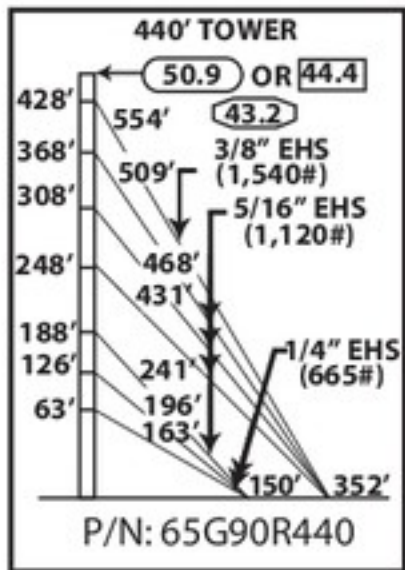
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR
	1	1	20	1	7	CB6G	AB3	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	5/8TBE&J	3/8THH			
	1700'	5025'	1100'	21	12			
	BG2144	BG2146	BG2147	1/2THH	7/16THH			
	12	24	6	6	24			
ANCHORS & GROUNDING INCLUDED	GAC565TOP	APL1258UM	AGK1GGX	BGK2GGX	CPC1/1.25			
	6	2	2	3	6			
	TBSAFETY	15/16x16PP						
	6	1						

420' ROHN 65G

All parts shown in table are included when ordering
Part No: 65G90R420

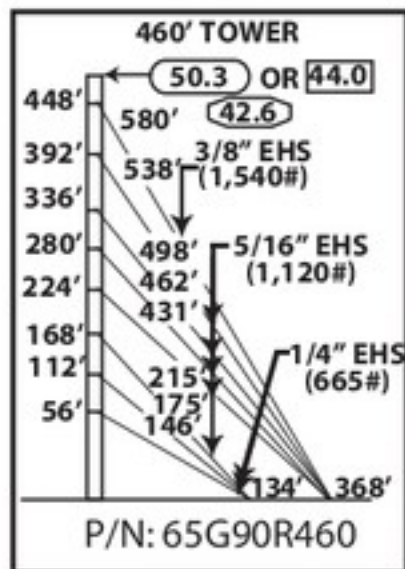
STANDARD DESIGN - 65G

90 MPH REV. G, 70MPH REV. F



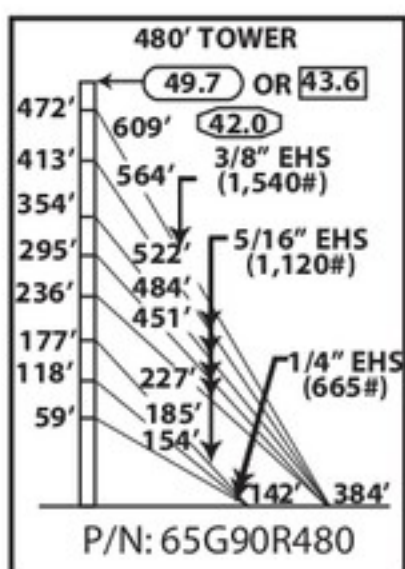
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR
	1	1	21	1	7	CB7G	AB3	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	5/8TBE&J	3/8THH			
	1775'	5275'	1150'	21	12			
	BG2144	BG2146	BG2147	1/2THH	7/16THH			
	12	24	6	6	24			
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	APL1258UM	AGK1GGX	BGK2GGX	CPC1/1.25			
	6	2	2	3	6			
	TBSAFETY	15/16x16PP						
	6	1						

440' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G90R440



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR		
	1	1	22	1	8	CB7G	AB3	AB5		
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	3/4TBE&J	5/8TBE&J	3/8THH	460' RO All parts s table are i when on Part No: 65			
	1850'	6850'	1025'	15	9	12				
	BG2144	BG2146	BG2147	1/2THH	7/16THH					
	12	30	6	6	30					
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1/1.25					
	3	3	2	3	3					
	CPC1.5/2	APL1258UM	TBSAFETY	15/16x16PP						
	3	2	6	1						

460' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G90R460

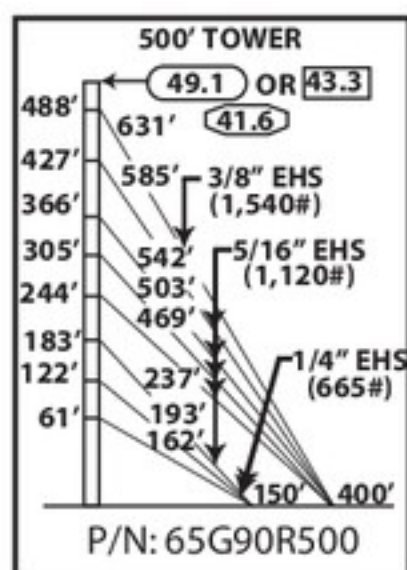


TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR
	1	1	23	1	8	CB7G	AB3	AB5
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	3/4TBE&J	5/8TBE&J	3/8THH	480' ROH All parts shown in this table are included when ordered. Part No: 65G	
	1950'	7175'	1100'	15	9	12		
	BG2144	BG2146	BG2147	1/2THH	7/16THH			
	12	30	6	6	30			
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1/1.25			
	3	3	2	3	3			
	CPC1.5/2	APL1258UM	TBSAFETY	15/16x16PP				
	3	2	6	1				

480' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G90R480



STANDARD DESIGN - 65G 90MPH REV. G, 70MPH REV. F



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR
	1	1	24	1	8	CB7G	AB3	AB5
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	3/4TBE&J	5/8TBE&J	3/8THH		
	2025'	7450'	1150'	15	9	12		
	BG2144	BG2146	BG2147	1/2THH	7/16THH			
	12	30	6	6	30			
ANCHORS & GROUNDING INCLUDED	GAC555TOP	GAC575TOP	AGK1GGX	BGK2GGX	CPC1/1.25			
	3	3	2	3	3			
	CPC1.5/2	APL1258UM	TBSAFETY	15/16x16PP				
	3	2	6	1				

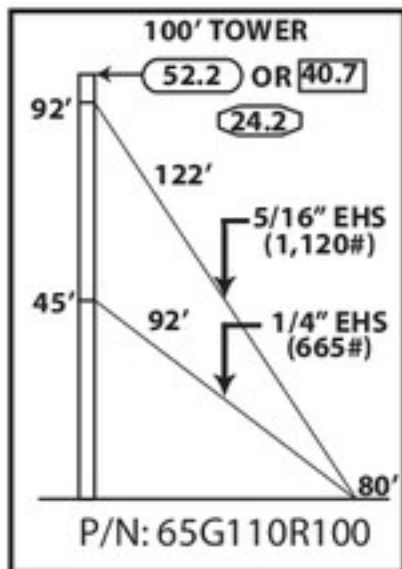
500' ROHN 65G

All parts shown in table are included when ordering Part No: 65G90R500



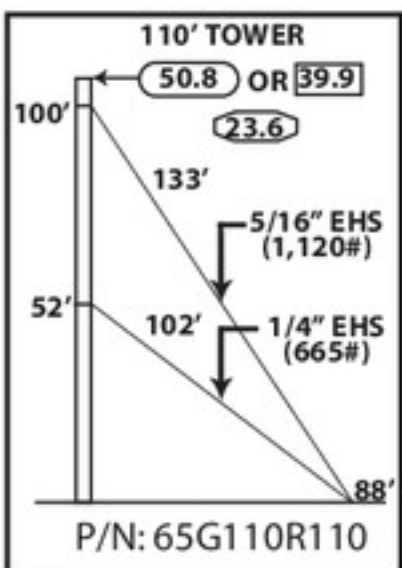
STANDARD DESIGN - 65G

110 MPH REV. G, 90MPH REV. F



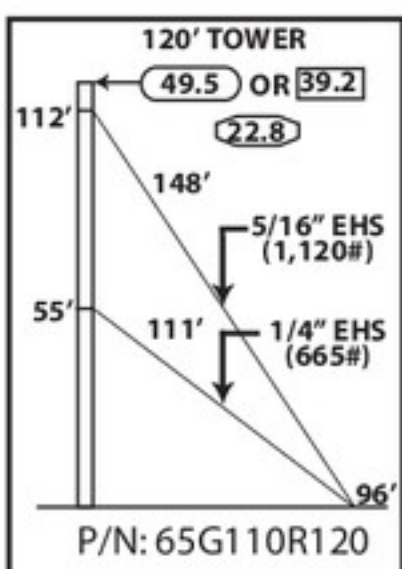
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
TOWER PARTS INCLUDED	1	1	4	1	2	CB2G	AB2
GUYS & CONNECTIONS INCLUDED	142265	1/4EHS	BG2144	BG2146	7/16THH	3/8THH	5/8TBE&J
	400'	300'	6	6	6	6	3
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK2GGX	CPC.5/.75	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	

100' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G110R100



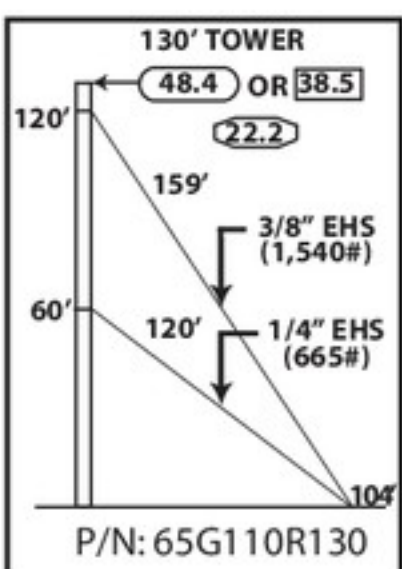
TOWER PARTS INCLUDED	65TGH		6520G		APL4HA		GA65GD		FDNS	
									BASE	ANCHOR
	1		5		1		2		CB2G	AB2
GUYS & CONNECTIONS INCLUDED	142265	1/4EHS	BG2144	BG2146	7/16THH	3/8THH	5/8TBE&J	1/2TBE&J		
	425'	325'	6	6	6	6	3	3		
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK2GGX	CPC.5/.75	TBSAFETY	15/16x16PP				
	3	1	3	3	3	3			1	

110' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G110R110



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
TOWER PARTS INCLUDED	1	1	5	1	2	CB2G	AB3
GUYS & CONNECTIONS INCLUDED	142265	1/4EHS	BG2144	BG2146	7/16THH	3/8THH	5/8TBE&J
	475'	375'	6	6	6	6	
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	

120' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G110R120

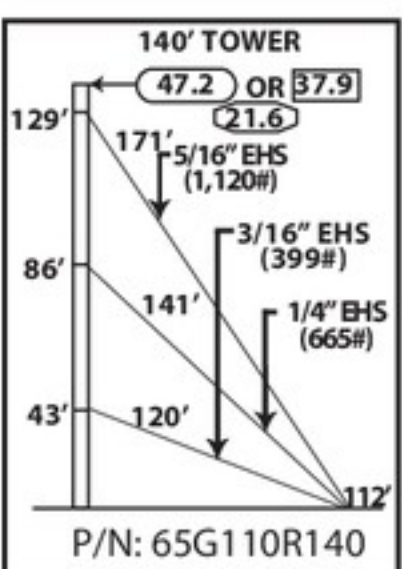


TOWER PARTS INCLUDED	65TGH		6520G		APL4HA		GA65GD		FDNS		
									BASE	ANCHOR	
	1		6		1		2		CB2G	AB3	
GUYS & CONNECTIONS INCLUDED	142261	1/4EHS	BG2147	BG2144	1/2THH	3/8THH	5/8TBE&J				
	525'	400'	6	6	6	6	6				
ANCHORS & GROUNDING INCLUDED	GAC5655TOP		AGK1GGX		BGK2GGX		CPC1/1.25		TBSAFETY		15/16x16PP
	3		1		3		3		3		1

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130' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G110R130

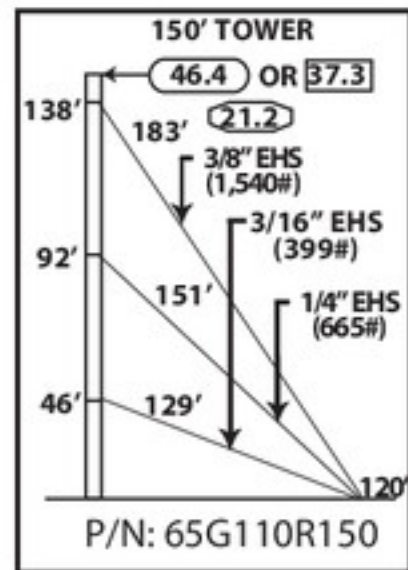


TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
TOWER PARTS INCLUDED	1	1	6	1	3	CB3G	AB3
GUYS & CONNECTIONS INCLUDED	142265	1/4EHS	3/16EHS	BG2142	BG2144		
	550'	450'	400'	6	6		
	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16THH		
	6	9	6	6	6		
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	

140' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G110R140



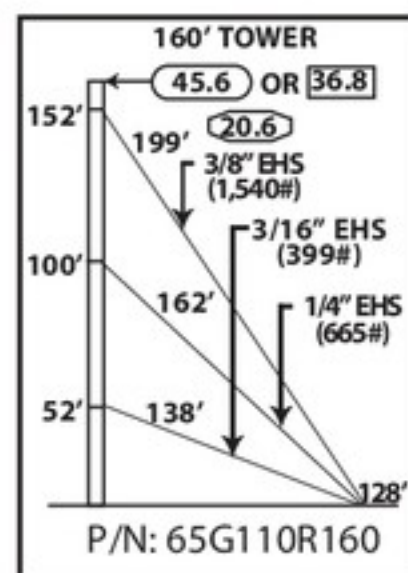
STANDARD DESIGN - 65G 110MPH REV. G, 90MPH REV. F



TOWER PARTS INCLUDED	65TGH	6520G	APL4HA	GA65GD	FDNS	
	1	7	1	3	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	142261	1/4EHS	3/16EHS	BG2142	BG2144	
	600'	500'	425'	6	6	
	BG2147	5/8TBE&J	1/2THH	3/8THH	5/16THH	
	6	9	6	6	6	
ANCHORS & GROUNDING INCLUDED	GAC565TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP
	3	1	3	6	3	1

150' ROHN 65G

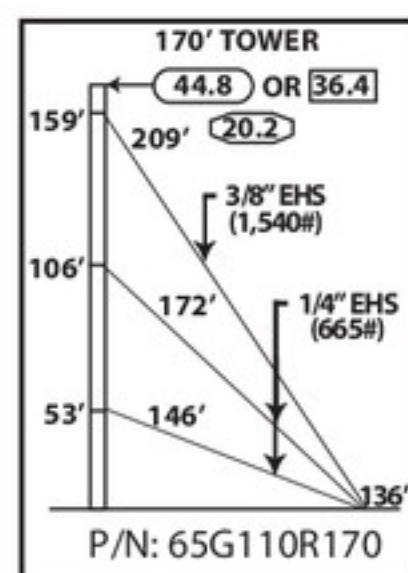
All parts shown in table are included when ordering
Part No: 65G110R150



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
	1	1	7	1	3	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	142261	1/4EHS	3/16EHS	BG2142	BG2144		
	650'	525'	450'	6	6		
	BG2147	5/8TBE&J	1/2THH	3/8THH	5/16THH		
	6	9	6	6	6		
ANCHORS & GROUNDING INCLUDED	GAC565TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	

160' ROHN 65G

All parts shown in table are included when ordering
Part No: 65G110R160



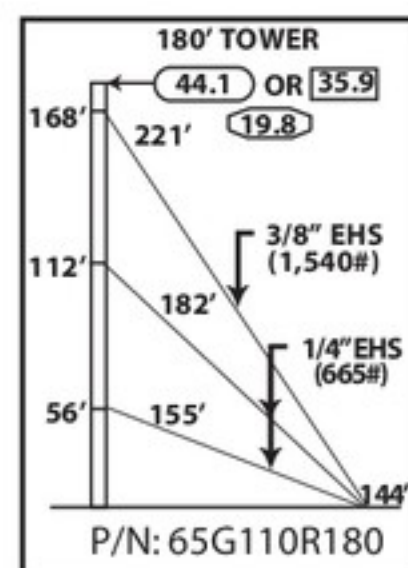
TOWER PARTS INCLUDED	65TGH		6520G		APL4HA		GA65GD		FDNS	
	1		8		1		3		BASE	ANCHOR
									CB3G	AB3
GUYS & CONNECTIONS INCLUDED	142261	1/4EHS	BG2144	BG2147	1/2THH	3/8THH	5/8TBE&J			
	675'	1025'	12	6	6	12	9			
ANCHORS & GROUNDING INCLUDED	GAC565TOP		AGK1GGX	BGK2GGX	CPC1/1.25		TBSAFETY		15/16x16PP	
	3		1	3	3		3		1	

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170' ROHN 65G

All parts shown in table are included when ordering
Part No: 65G110R170



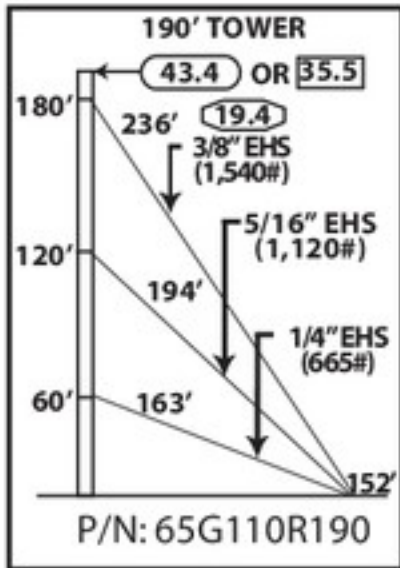
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
	1	1	8	1	3	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	142261	1/4EHS	BG2144	BG2147	1/2THH	3/8THH	5/8TBE&J
	725'	1075'	12	6	6	12	9
ANCHORS & GROUNDING INCLUDED	GAC565TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	

180' ROHN 65G

All parts shown in table are included when ordering
Part No: 65G110R180

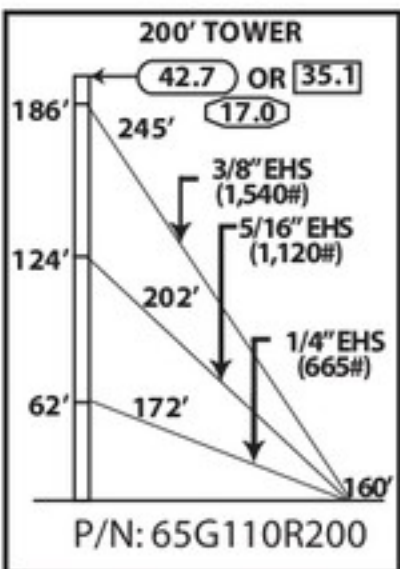
STANDARD DESIGN - 65G

110MPH REV. G, 90MPH REV. F



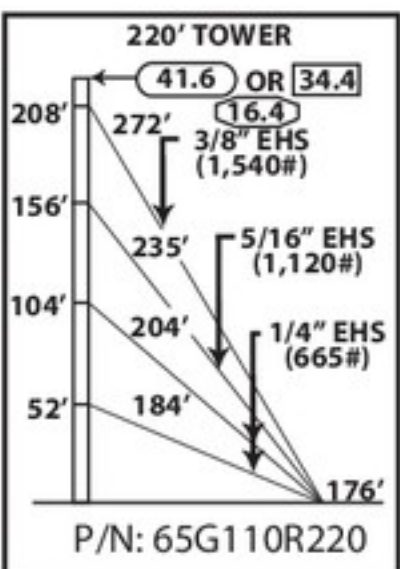
TOWER PARTS INCLUDED	65TGH	6520G	APL4HA	GA65GD	FDNS	
	1	9	1	3	BASE CB4G	ANCHOR AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2144	BG2146	
	750'	625'	525'	6	6	
	BG2147	5/8TBE&J	1/2THH	7/16THH	3/8THH	
	6	9	6	6	6	
ANCHORS & GROUNDING INCLUDED	GAC565TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP
	3	1	3	6	3	1

190' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G110R190



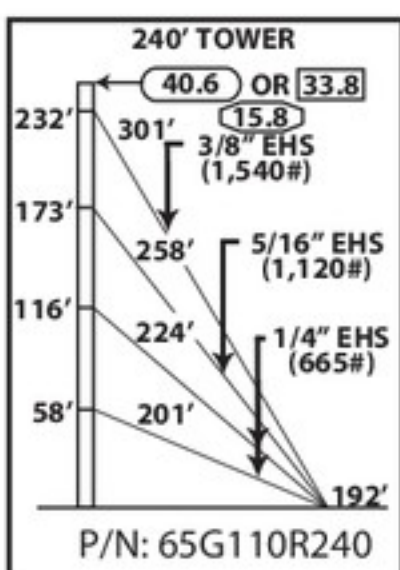
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
	1	1	9	1	3	BASE CB4G	ANCHOR AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2144	BG2146		
	800'	650'	550'	6	6		
	BG2147	5/8TBE&J	1/2THH	7/16THH	3/8THH		
	6	9	6	6	6		
ANCHORS & GROUNDING INCLUDED	GAC565TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	

200' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G110R200



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
	1	1	10	1	4	BASE CB4G	ANCHOR AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2144	BG2146		
	875'	750'	1250'	12	6		
	BG2147	5/8TBE&J	1/2THH	7/16THH	3/8THH		
	6	12	6	6	12		
ANCHORS & GROUNDING INCLUDED	GAC565TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	

220' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G110R220

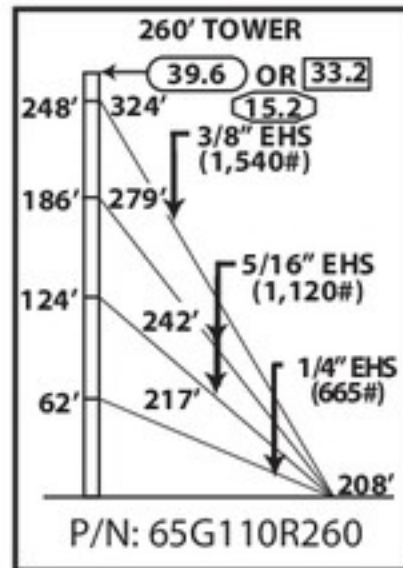


TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
	1	1	11	1	4	BASE CB4G	ANCHOR AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2144	BG2146		
	975'	825'	1375'	12	6		
	BG2147	5/8TBE&J	1/2THH	7/16THH	3/8THH		
	6	12	6	6	12		
ANCHORS & GROUNDING INCLUDED	GAC565TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	

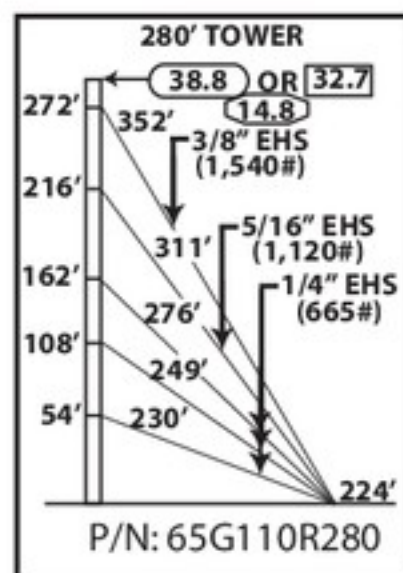
240' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G110R240



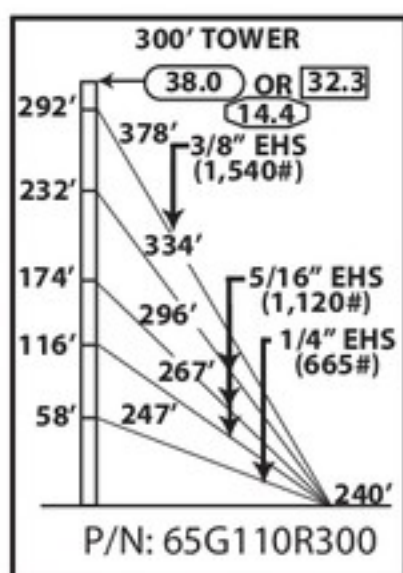
STANDARD DESIGN - 65G 110MPH REV. G, 90MPH REV. F



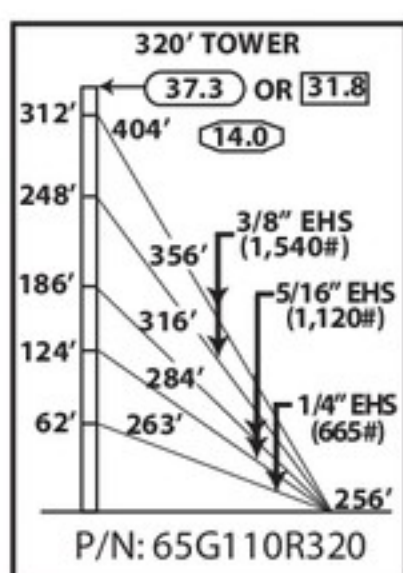
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
	1	1	12	1	4	CB5G	AB5
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2144	1/2THH	260' ROHN 65G All parts shown in table are included when ordering Part No: 65G110R260	
	1050'	1675'	700'	6	6		
	7/16THH	3/4TBE&J	3/8THH	BG2146	BG2147		
	12	12	6	12	6		
ANCHORS & GROUNDING INCLUDED	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
	1	1	13	1	5	CB5G	AB5
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2144	BG2146	280' ROHN 65G All parts shown in table are included when ordering Part No: 65G110R280	
	1125'	1000'	2450'	18	6		
	BG2147	7/16THH	3/4TBE&J	3/8THH	1/2THH		
	6	6	15	18	6		
ANCHORS & GROUNDING INCLUDED	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	TBSAFETY	15/16x16PP	
	3	1	3	6	3	1	



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
	1	1	14	1	5	CB5G	AB5
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2144	BG2146	300' ROHN 65G All parts shown in table are included when ordering Part No: 65G110R300	
	1225'	2875'	800'	6	18		
	BG2147	3/4TBE&J	1/2THH	7/16THH	3/8THH		
	6	15	6	18	6		
ANCHORS & GROUNDING INCLUDED	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	

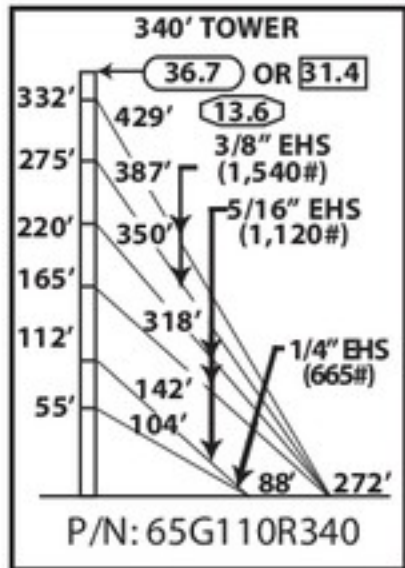


TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
	1	1	15	1	5	CB6G	AB6
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2144	BG2146	320' ROHN 65G All parts shown in table are included when ordering Part No: 65G110R320	
	2425'	1925'	850'	6	12		
	BG2147	3/4TBE&J	1/2THH	7/16THH	3/8THH		
	12	15	12	12	6		
ANCHORS & GROUNDING INCLUDED	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	



STANDARD DESIGN - 65G

110 MPH REV. G, 90MPH REV. F

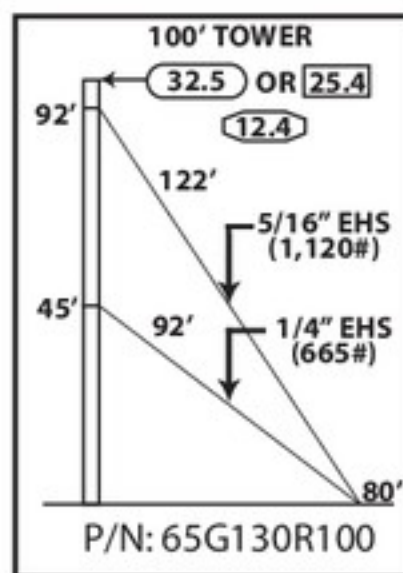


TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR
	1	1	16	1	6	CB7G	AB3	AB5
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2144	BG2146	BG2147		340' ROHN All parts shown in table are included when ordered. Part No: 65G11
	2600'	2600'	350'	6	18	12		
	3/4TBE&J	5/8TBE&J	1/2THH	7/16THH	3/8THH			
	12	6	12	18	6			
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	GAC5755TOP	AGK1GGX	BGK2GGX				
	3	3	2	3				
	CPC1/1.25	CPC1.5/2	TBSAFETY	15/16x16PP				
	3	3	6	1				

340' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G110R340

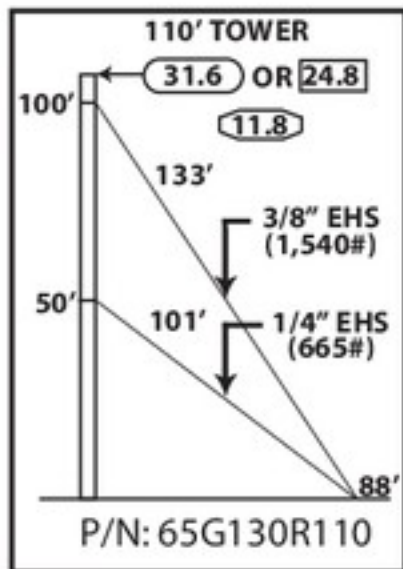


STANDARD DESIGN - 65G 130 MPH REV. G, 110MPH REV. F



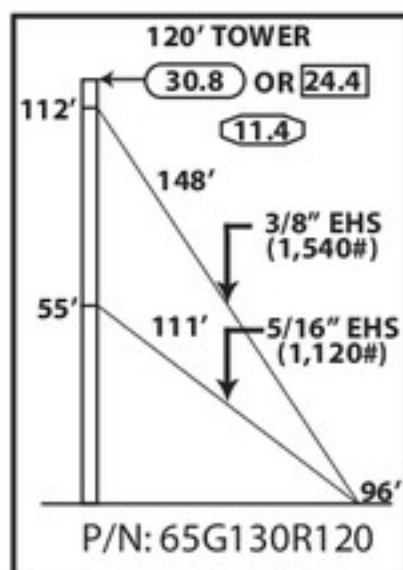
TOWER PARTS INCLUDED	65G	65TGH	6520G	GA65GD	APL4HA	FDNS	
	1	1	4	2	1	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	142265 400'	1/4EHS 300'	BG2146 6	BG2144 6	5/8TBE&J 6	3/8THH 6	7/16THH 6
ANCHORS & GROUNDING INCLUDED	GAC5655TOP 3	AGK1GGX 1	BGK2GGX 3	CPC1/1.25 3	TBSAFETY 3	15/16x16PP 1	

100' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G130R100



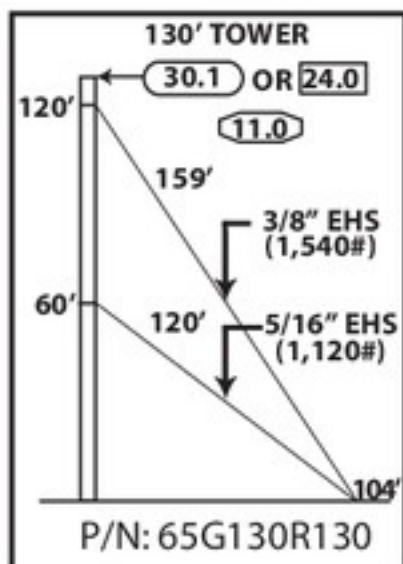
TOWER PARTS INCLUDED	65TGH		6520G		APL4HA		GA65GD		FDNS		
	1		5		1		2		BASE	ANCHOR	
									CB2G	AB3	
GUYS & CONNECTIONS INCLUDED	142261	1/4EHS	BG2147	BG2144	1/2THH	3/8THH	5/8TBE&J				
	425'	325'	6	6	6	6	6				
ANCHORS & GROUNDING INCLUDED	GAC5655TOP		AGK1GGX		BGK2GGX		CPC1/1.25		TBSAFETY		15/16x16PP
	3		1		3		3		3		1

110' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G130R110



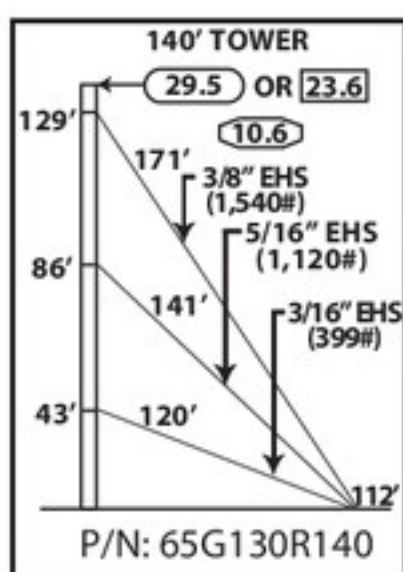
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
	1	1	5	1	2	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	142261 475'	142265 375'	BG2147 6	BG2146 6	7/16THH 6	1/2THH 6	5/8TBE&J 6
ANCHORS & GROUNDING INCLUDED	GAC5655TOP 3	AGK1GGX 1	BGK2GGX 3	CPC1/1.25 3	TBSAFETY 3	15/16x16PP 1	

120' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G130R120



TOWER PARTS INCLUDED	65TGH		6520G		APL4HA		GA65GD		FDNS		
	1		6		1		2		BASE	ANCHOR	
									CB3G	AB3	
GUYS & CONNECTIONS INCLUDED	142261	142265	BG2147	BG2146	7/16THH	1/2THH	5/8TBE&J				
	525'	400'	6	6	6	6	6				
ANCHORS & GROUNDING INCLUDED	GAC5655TOP		AGK1GGX		BGK2GGX		CPC1/1.25		TBSAFETY		15/16x16PP
	3		1		3		3		3		1

130' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G130R130

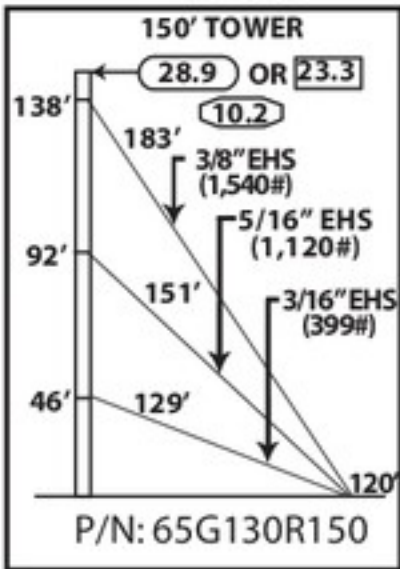


TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
	1	1	6	1	3	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	142261	142265	3/16EHS	BG2147	BG2146		
	550'	450'	400'	6	6		
	BG2142	5/8TBE&J	1/2THH	7/16THH	5/16THH		
ANCHORS & GROUNDING INCLUDED	6	9	6	6	6		
	GAC5655TOP 3	AGK1GGX 1	BGK2GGX 3	CPC1/1.25 3	TBSAFETY 3	15/16x16PP 1	

140' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G130R140

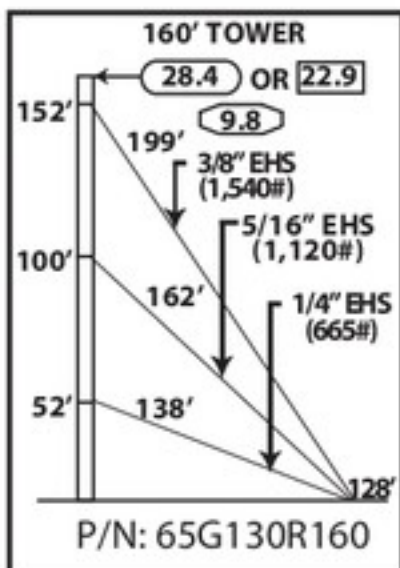
STANDARD DESIGN - 65G

130MPH REV. G, 110MPH REV. F



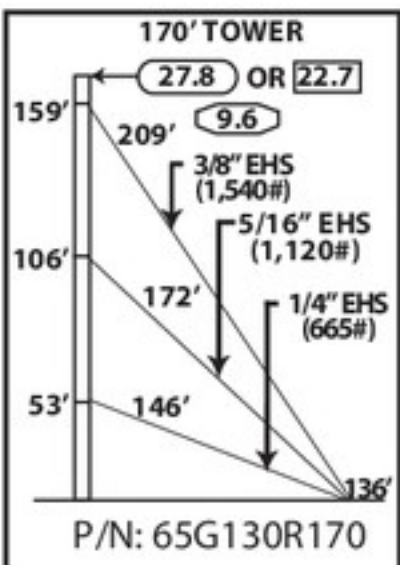
TOWER PARTS INCLUDED	65TGH	6520G	APL4HA	GA65GD	FDNS	
					BASE	ANCHOR
	1	7	1	3	CB3G	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	3/16EHS	BG2147	BG2146	
	600'	500'	425'	6	6	
	BG2142	5/8TBE&J	1/2THH	7/16THH	5/16THH	
	6	9	6	6	6	
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP
	3	1	3	3	3	1

150' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G130R150



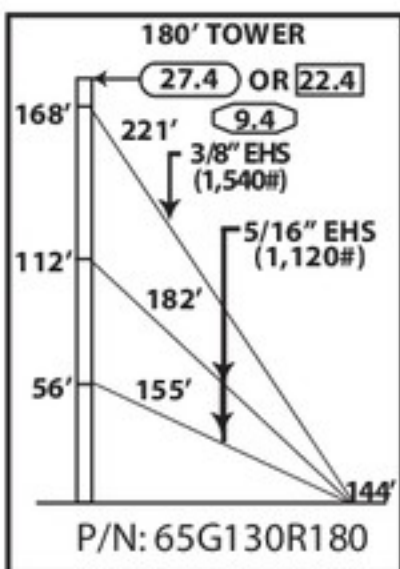
TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
	1	1	7	1	3	CB4G	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2147	BG2146		
	650'	525'	450'	6	6		
	BG2144	5/8TBE&J	1/2THH	7/16THH	3/8THH		
	6	9	6	6	6		
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP	
	3	1	3	3	3	1	

160' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G130R160



TOWER PARTS INCLUDED	65TGH	6520G	APL4HA	GA65GD	FDNS	
					BASE	ANCHOR
	1	8	1	3	CB4G	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2147	BG2146	
	675'	550'	475'	6	6	
	BG2144	5/8TBE&J	1/2THH	7/16THH	3/8THH	
	6	9	6	6	6	
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP
	3	1	3	3	3	1

170' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G130R170

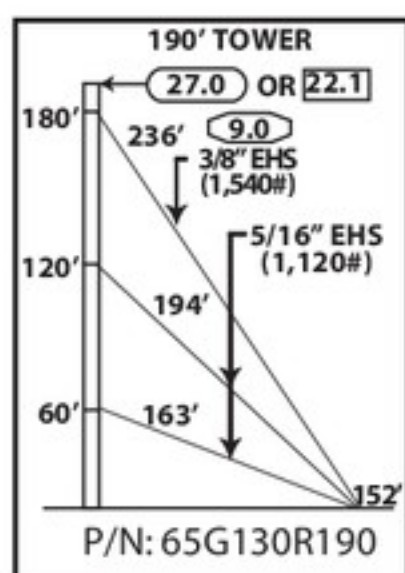


TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	FDNS	
						BASE	ANCHOR
	1	1	8	1	3	CB4G	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	BG2147	BG2146			
	725'	1075'	6	12			
	5/8TBE&J	1/2THH	7/16THH	TBSAFETY			
	9	6	12	3			
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	15/16x16PP		
	3	1	3	3	1		

180' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G90R180



STANDARD DESIGN - 65G 130 MPH REV. G, 110MPH REV. F

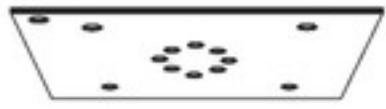


TOWER PARTS INCLUDED	65TGH		6520G		APL4HA		GA65GD		FDNS	
	1		9		1		3		BASE	ANCHOR
									CB4G	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	BG2147	BG2146	7/16THH	1/2THH	5/8TBE&J			
	750'	1150'	6	12	12	6	9			
ANCHORS & GROUNDING INCLUDED	GAC5655TOP		AGK1GGX	BGK2GGX	CPC1/1.25		TBSAFETY		15/16x16PP	
	3		1	3	3		3		1	

190' ROHN 65G

All parts shown in table are included when ordering
Part No: 65G130R190

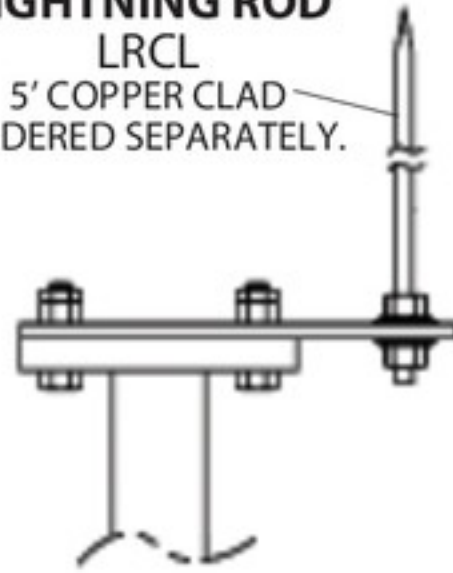
PARTS & ACCESSORIES



LEG MOUNTED BEACON PLATE KIT APL4HA

FOR MOUNTING BEACON OR
LIGHTNING ROD. BOLTS TO
TOP OF STANDARD SECTION.
INCLUDES BEACON PLATE,
(2) CAP PLATES, NUTS AND BOLTS.

LIGHTNING ROD
LRCL
5' COPPER CLAD
ORDERED SEPARATELY.



LIGHTNING ROD PLATE KIT VW133

INCLUDES: LIGHTNING ROD PLATE,
(2) CAP PLATES, NUTS AND BOLTS.



CAP PLATE KIT CP4A

(3) CAP PLATES WITH NUTS AND BOLTS.



10' TAPERED BASE 65TGH*

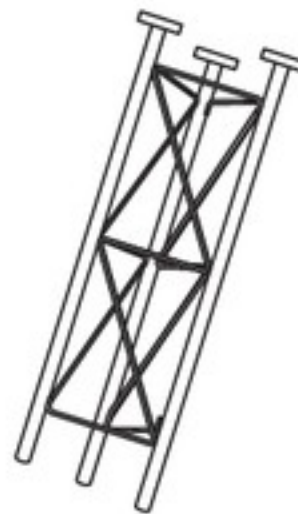
FOR USE WITH 15/16X16PP,
ORDERED SEPARATELY.



PIER PIN 15/16X16PP

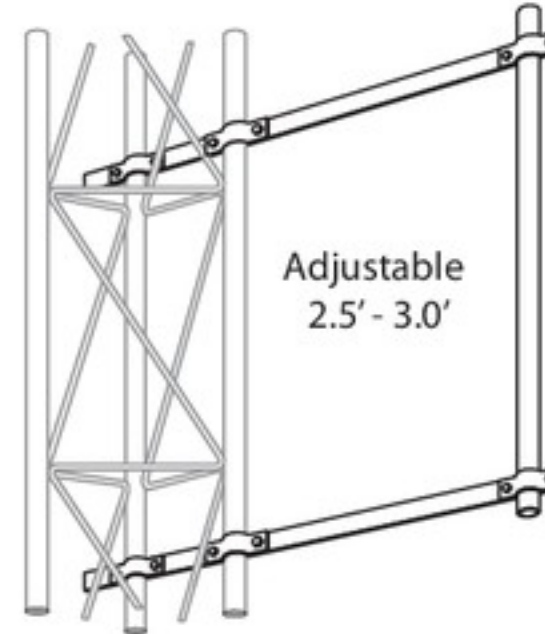
FOR USE WITH 65TGH
EMBEDDED IN CONCRETE.

PIER PIN MUST BE ORDERED
SEPARATELY, UNLESS BEING
PURCHASED AS PART OF
A COMPLETE TOWER KIT.



5' SHORT BASE SB65GH

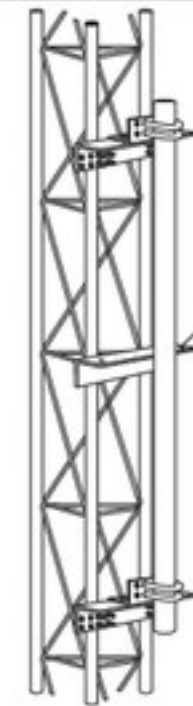
FOR EMBEDMENT IN CONCRETE.



Adjustable
2.5' - 3.0'

SIDE ARM ASSEMBLY SA253UA

MOUNTING TUBE PROVIDED IS 3' LONG,
2 1/4" O.D.



Tie-Back Angle
with 9/16" dia.
holes, included
with DM654TB.

FACE DISH MOUNT DM654

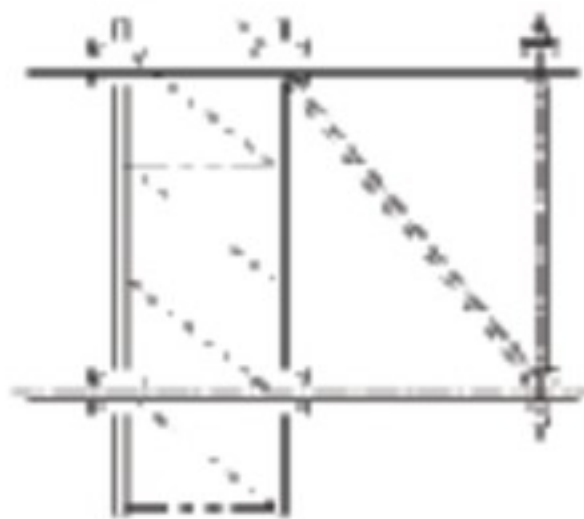
4 1/2" O.D. X 5' LONG

DM654TB
4 1/2" O.D. X 5' LONG WITH TIE-BACK
ANGLE.



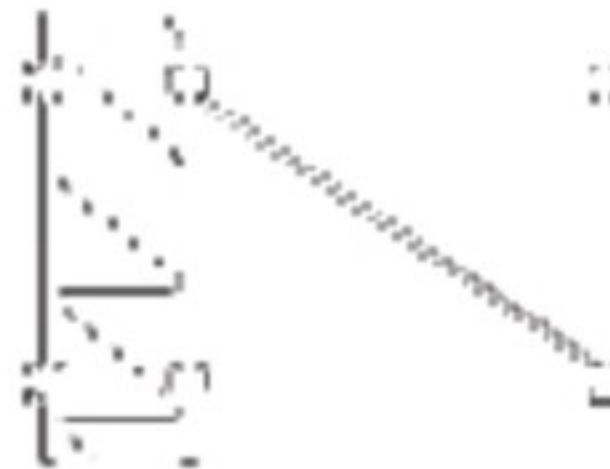
DISH MOUNT

KY509 - 2 3/8" O.D. MAST
KY510 - 4 1/2" O.D. MAST
MOUNTING TUBE PROVIDED IS 5' LONG.



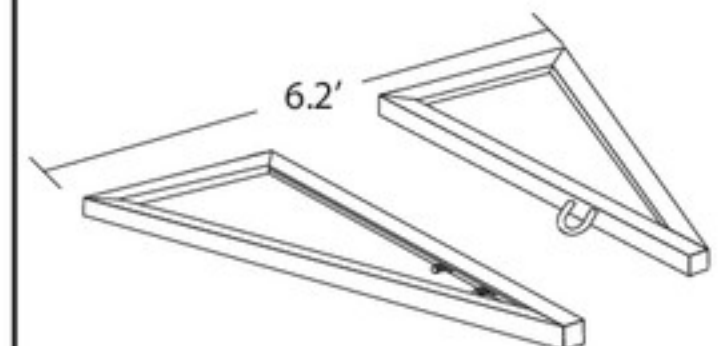
3' SIDE ARM

KH6100A
MOUNTING TUBE PROVIDED IS 7' LONG,
2 3/8" O.D.



6' SIDE ARM

KY1048A
MOUNTING TUBE PROVIDED IS 5' LONG,
2 3/8" O.D.



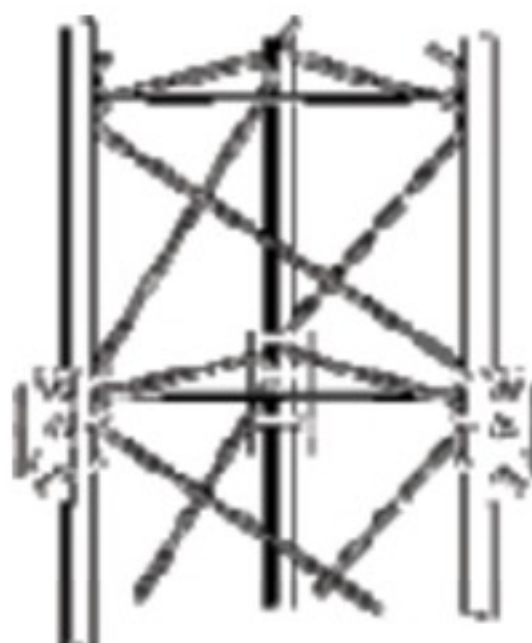
HOUSE BRACKET

KH1014
ADJUSTABLE TO POSITION 65G
18" - 30" FROM WALL.

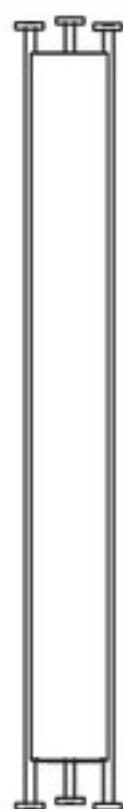
* TOWERS MOUNTED ON THESE BASES MUST BE BRACKETED OR GUYED AT ALL TIMES. TEMPORARY STEEL GUYING MAY ALSO BE NECESSARY DURING INSTALLATION AND DISMANTLING.



PARTS & ACCESSORIES



GUY BRACKET ASSEMBLY
GA65GD
KIT INCLUDES (3) BRACKETS WITH
U-BOLTS.



ANTI-CLIMB PANELS
VW915A
THREE ANTI-CLIMB PANELS BOLT
TO STANDARD TOWER SECTION.



WORK PLATFORM
WPCC65
SNAPS INTO PLACE AT ANY LEVEL.
NO BOLTS REQUIRED.



CLIMBING HARNESS
TTFBH-4D
JOURNEYMAN HARNESS
TTFBH-C/P
PROFESSIONAL HARNESS



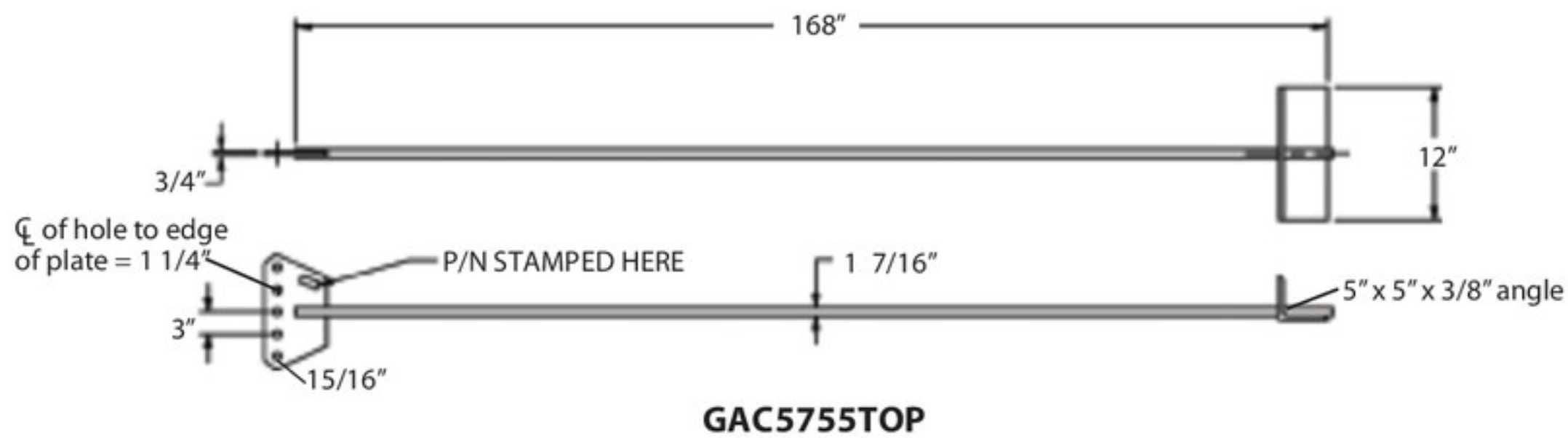
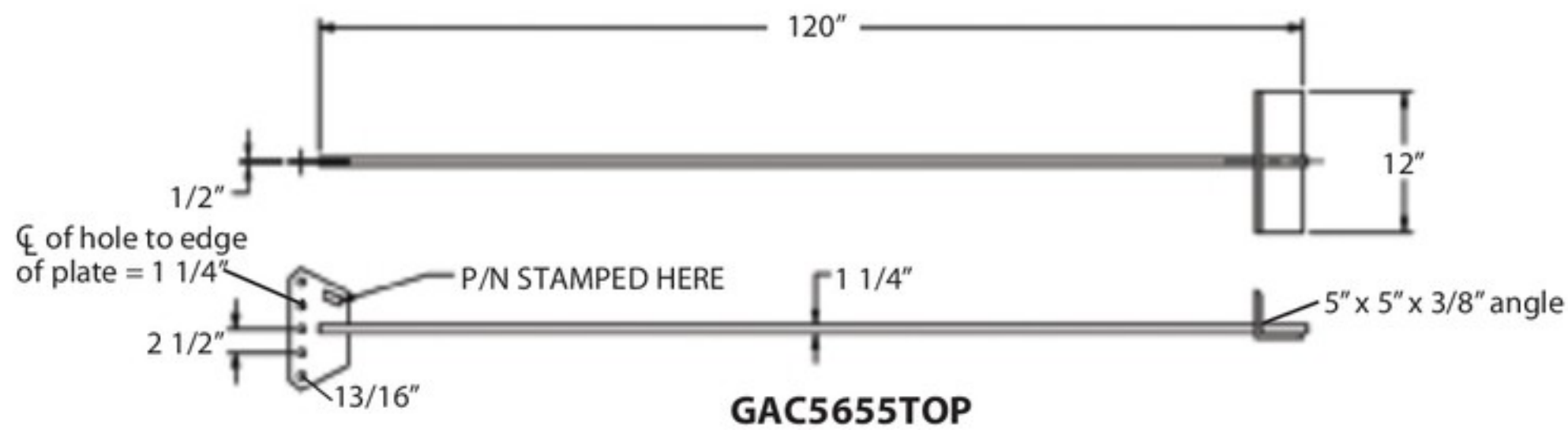
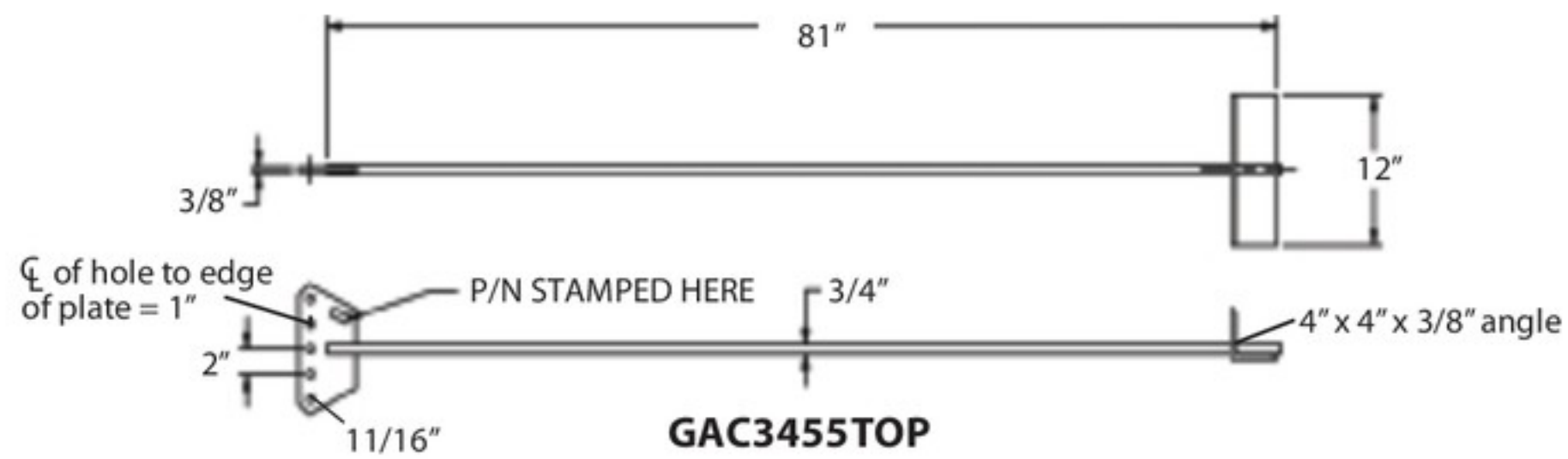
**SAFETY CABLE
SLIDER WITH CARABINER**
TT-WG-500-W/SMC

SAFETY CABLE SYSTEM ORDERING INFORMATION

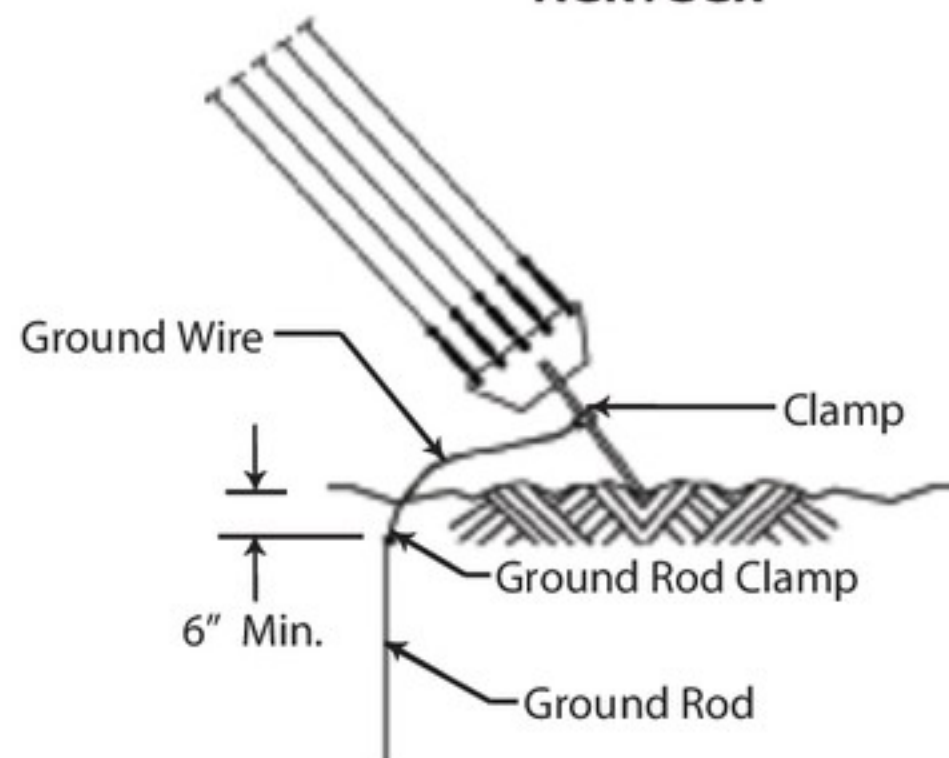
TOWER HEIGHT	PART NUMBER
50'	TT05065
100'	TT10065
150'	TT15065
200'	TT20065
250'	TT25065
300'	TT30065
350'	TT35065
400'	TT40065
450'	TT45065
500'	TT50065

SAFETY CABLE SLIDER AND
CLIMBING HARNESS MUST BE
ORDERED SEPARATELY.

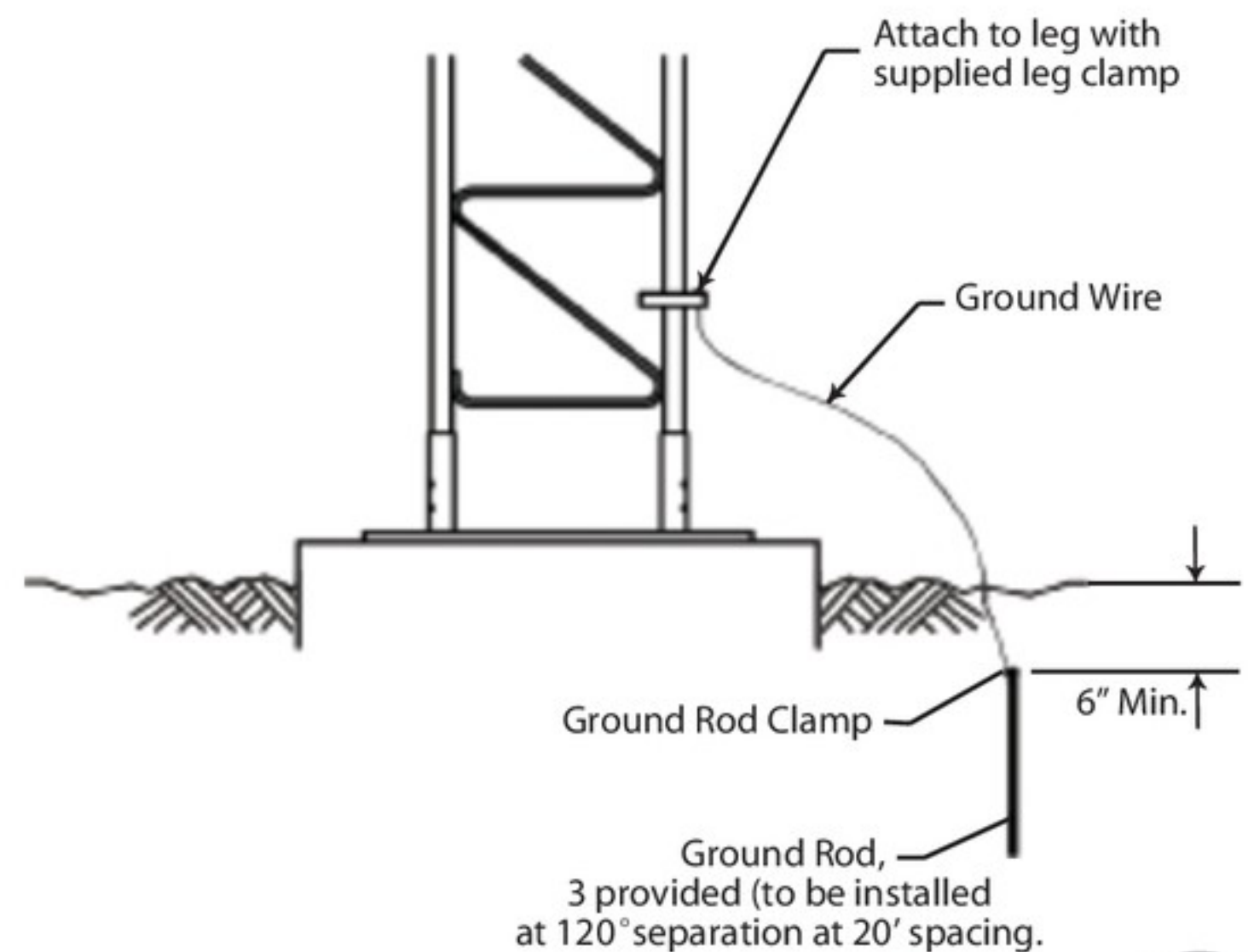
ANCHOR INFORMATION



REV G ANCHOR GROUNDING AGK1GGX

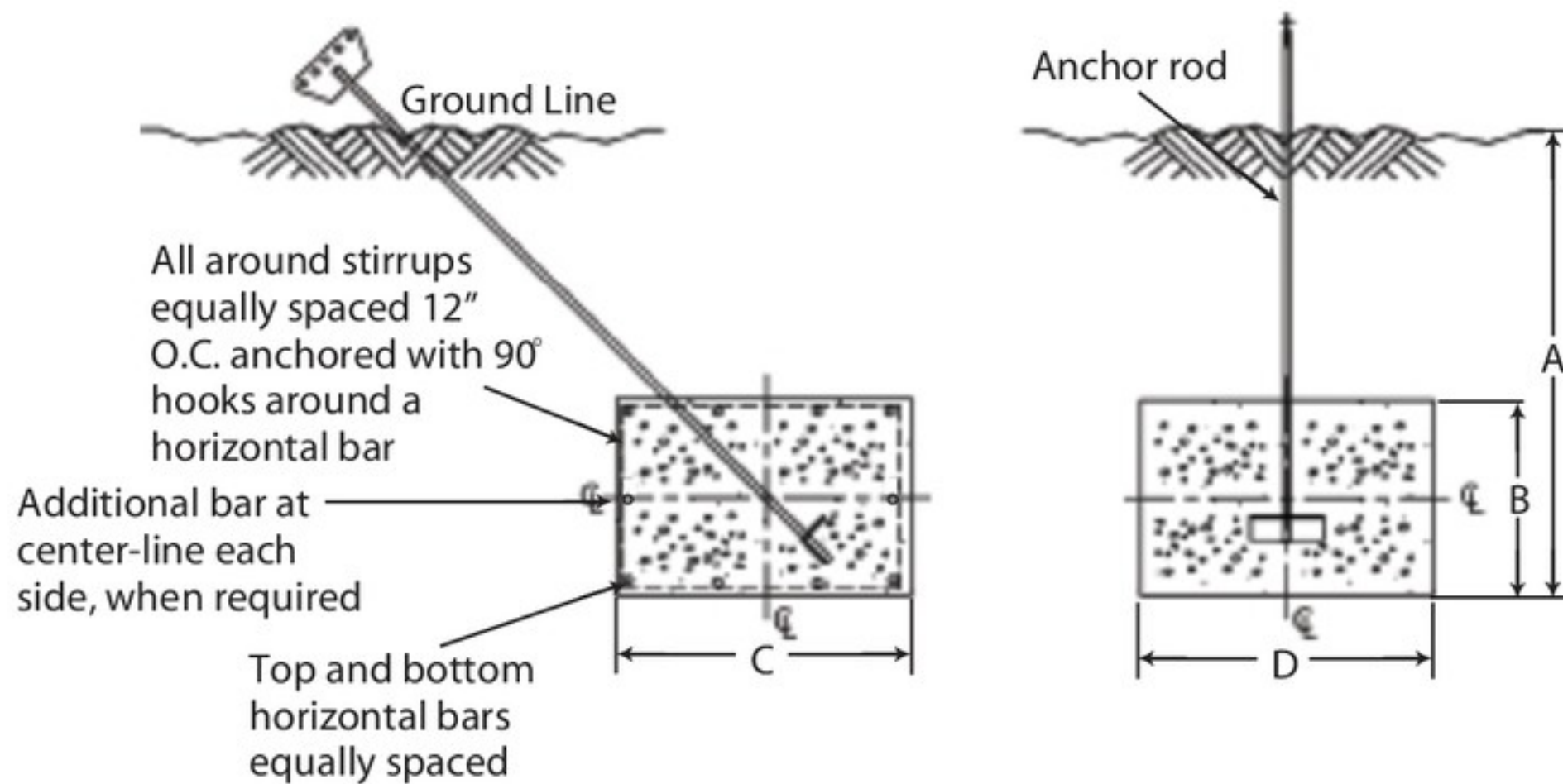


REV G BASE GROUNDING BCK2GGV





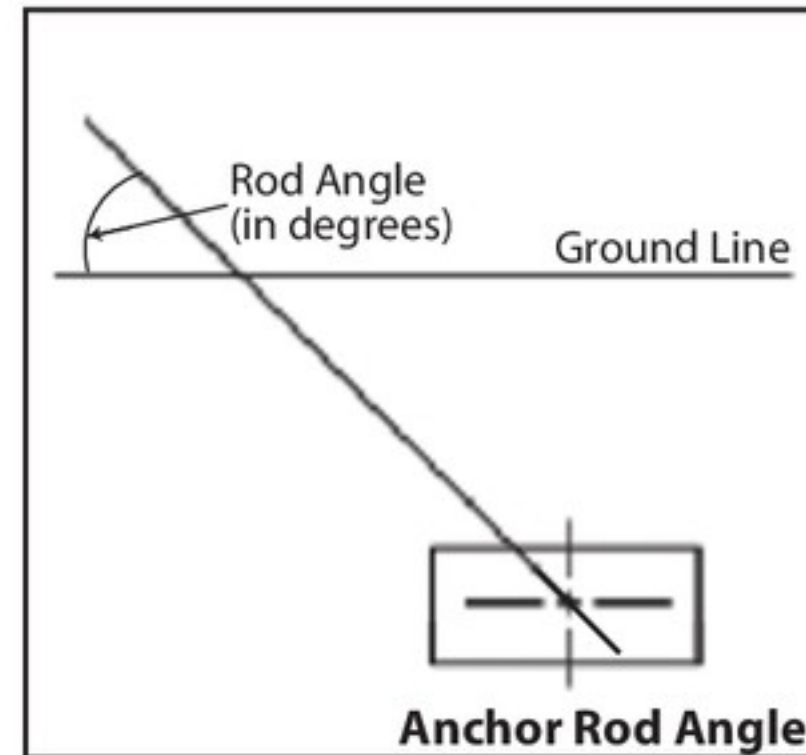
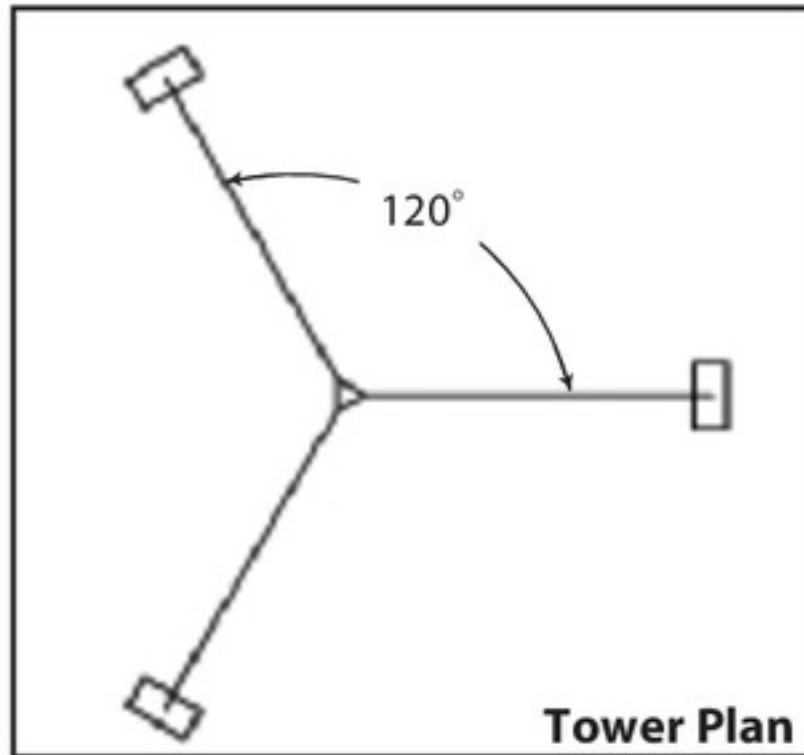
STANDARD ANCHOR BLOCKS



Refer to page 145 for anchor rod installation angles.

Block	Anchor Dimensions (in.)				Horizontal Bars (Qty. & Size)	Stirrup Size & Spacing	Concrete Vol. (Cu. Yds.)
	A	B	C	D			
AB2	4' - 0"	1' - 6"	4' - 0"	6' - 0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12" O.C.	1.33 Per Block 4.0 Total for 3
AB3	6' - 0"	1' - 6"	3' - 0"	6' - 0"	(4) #6 Bars, Top Layer (4) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12" O.C.	1.0 Per Block 3.0 Total for 3
AB4	6' - 0"	1' - 6"	4' - 0"	9' - 0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#4 @ 12" O.C.	2.0 Per Block 6.0 Total for 3
AB5	8' - 0"	2' - 0"	3' - 0"	10' - 0"	(4) #7 Bars, Top Layer (4) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.22 Per Block 6.7 Total for 3
AB6	8' - 0"	2' - 0"	4' - 0"	10' - 0"	(5) #7 Bars, Top Layer (5) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.96 Per Block 8.9 Total for 3

ANCHOR ROD INSTALLATION ANGLES



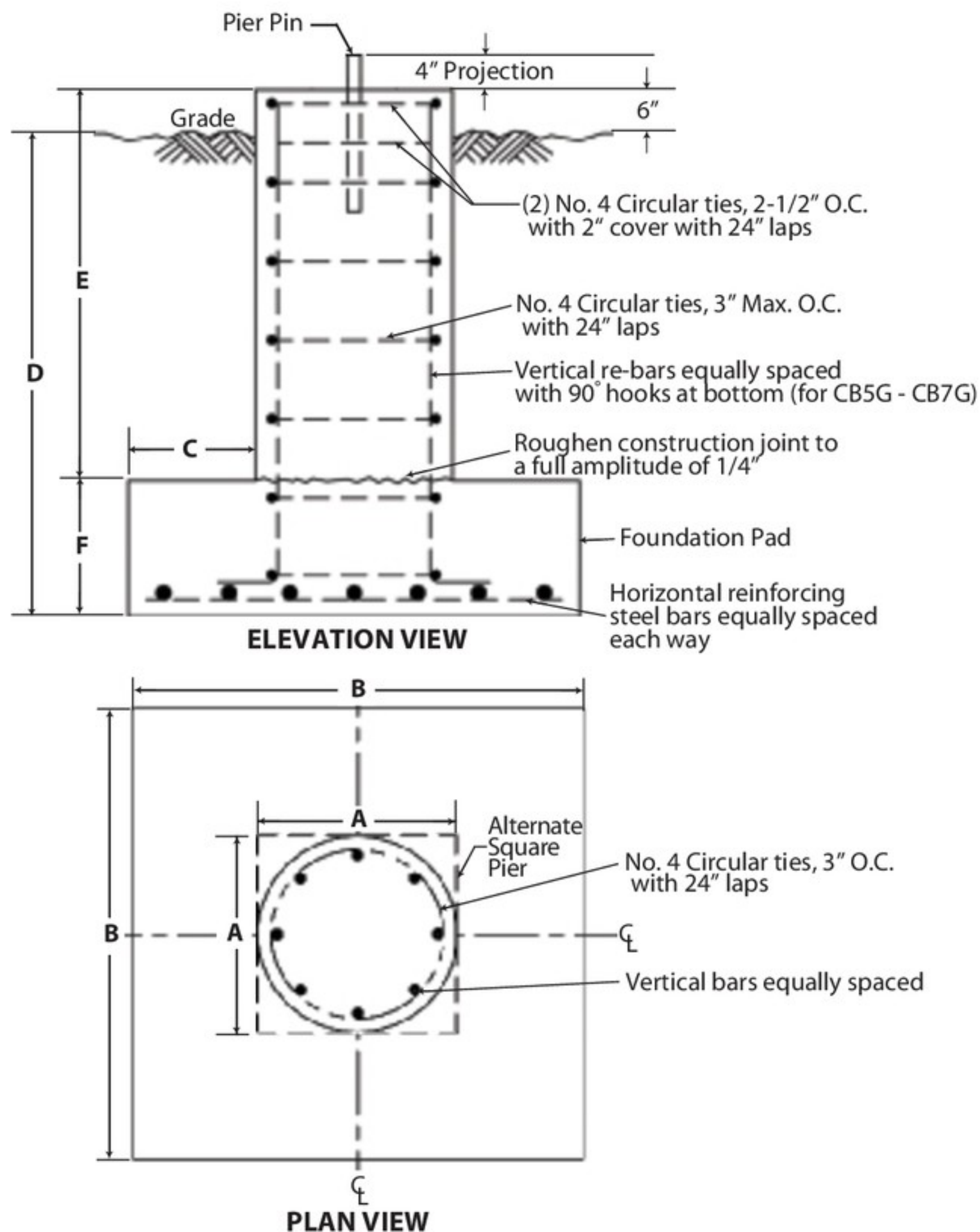
65G 90MPH				
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle
100'	GAC3455TOP	44	-	-
110'	GAC3455TOP	44	-	-
120'	GAC3455TOP	44	-	-
130'	GAC3455TOP	44	-	-
140'	GAC3455TOP	42	-	-
150'	GAC3455TOP	42	-	-
160'	GAC5655TOP	42	-	-
170'	GAC5655TOP	41	-	-
180'	GAC5655TOP	41	-	-
190'	GAC5655TOP	41	-	-
200'	GAC5655TOP	41	-	-
220'	GAC5655TOP	40	-	-
240'	GAC5655TOP	39	-	-
260'	GAC5655TOP	39	-	-
280'	GAC5655TOP	38	-	-
300'	GAC5655TOP	38	-	-
320'	GAC5655TOP	38	-	-
340'	GAC3455TOP	43	GAC5655TOP	43
360'	GAC3455TOP	43	GAC5655TOP	43
380'	GAC3455TOP	43	GAC5655TOP	43
400'	GAC3455TOP	40	GAC5655TOP	44
420'	GAC5655TOP	40	GAC5655TOP	43
440'	GAC5655TOP	40	GAC5655TOP	43
460'	GAC5655TOP	40	GAC5755TOP	42
480'	GAC5655TOP	40	GAC5755TOP	42
500'	GAC5655TOP	39	GAC5755TOP	42

65G 110MPH				
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle
100'	GAC3455TOP	44	-	-
110'	GAC3455TOP	43	-	-
120'	GAC5655TOP	42	-	-
130'	GAC5655TOP	42	-	-
140'	GAC5655TOP	41	-	-
150'	GAC5655TOP	41	-	-
160'	GAC5655TOP	41	-	-
170'	GAC5655TOP	40	-	-
180'	GAC5655TOP	40	-	-
190'	GAC5655TOP	40	-	-
200'	GAC5655TOP	39	-	-
220'	GAC5655TOP	39	-	-
240'	GAC5655TOP	38	-	-
260'	GAC5755TOP	38	-	-
280'	GAC5755TOP	37	-	-
300'	GAC5755TOP	37	-	-
320'	GAC5755TOP	37	-	-
340'	GAC5655TOP	43	GAC5755TOP	42

65G 130MPH		
Tower Height	Rod Number	Rod Angle
100'	GAC5655TOP	42
110'	GAC5655TOP	42
120'	GAC5655TOP	41
130'	GAC5655TOP	41
140'	GAC5655TOP	40
150'	GAC5655TOP	40
160'	GAC5655TOP	40
170'	GAC5655TOP	39
180'	GAC5655TOP	38
190'	GAC5655TOP	38



STANDARD BASE PIERS



Base	A	B	C	D	E	F	Concrete Vol. (Cu. Yds.) Round Pier	Vertical Bars (No. & Size)	Horiz. Bars in Pad (No. & Size)
CB2G	3' - 0"	3' - 0"	N/A	4' - 0"	N/A	N/A	1.2	(10) #7	NONE
CB3G	3' - 6"	3' - 6"	N/A	4' - 0"	N/A	N/A	1.6	(12) #7	NONE
CB4G	4' - 0"	4' - 0"	N/A	4' - 0"	N/A	N/A	2.1	(12) #8	NONE
CB5G	2' - 0"	4' - 0"	1' - 0"	4' - 0"	3' - 3"	1' - 3"	1.1	(8) #6	(5) #5 (Total of 10)
CB6G	2' - 0"	4' - 6"	1' - 3"	4' - 0"	3' - 3"	1' - 3"	1.3	(8) #6	(6) #5 (Total of 12)
CB7G	2' - 0"	5' - 0"	1' - 6"	4' - 6"	3' - 9"	1' - 3"	1.6	(8) #6	(6) #5 (Total of 12)

GENERAL NOTES FOR G-SERIES TOWERS

1. The suitability of a ROHN standard design and standard foundation for a specific application must be verified by the purchaser based on site-specific data in accordance with ANSI/TIA-222-G.
2. The effective projected area and lines to be installed must not exceed the design values for the structure.
3. Structures supported on buildings or other structures require special consideration. Designs assume structures are installed on level grade.
4. Designs assume maintenance and inspection will be performed over the life of the structure in accordance with ANSI/TIA-222-G. All towers should be thoroughly inspected by qualified personnel and re-marked as required with appropriate danger and anti-climb labels at least twice a year to ensure safety and proper performance.
5. Standard Designs are intended to be climbed by skilled and competent climbers only. A safety climb system is required for all structures.
6. Installation and dismantling must be performed by qualified and experienced personnel and be in conformance with ANSI/TIA-222-G.
7. Standard guyed masts and bracketed towers are not stable without guys or brackets attached and will not support personnel in this condition. Temporary steel guys supplied by a qualified contractor may be required to maintain stability during installation or dismantling.
8. Do not install or dismantle structures within falling distance of electrical and/or telephone lines without taking special precautions in accordance with the appropriate utility.
9. All field connections are bolted.
10. The tolerance on installed height is equal to plus 1% and minus 1/2%.
11. Installation must be grounded in accordance with local and national codes. ANSI/TIA-222-G requires that the resistance to ground must not exceed 10 ohms. Additional grounding may be required in addition to the ROHN standard grounding kit provided with the tower.
12. Additional anchor rod corrosion protection may be required based on site-specific conditions.
13. Installation must be in conformance with local, state and federal requirements for obstruction marking and lighting.
14. Warning plate P/N: AWCS provided with the structure must be installed in a highly visible location.

G-SERIES FOUNDATION GENERAL NOTES

1. Standard foundation designs (unless otherwise noted) are in accordance with ANSI/TIA-222-G, "Structural Standards for Steel Antenna Towers and Antenna Supporting Structures," Section 9 and Annex F for the following presumptive clay soil parameters:

N (blows/ft)	ϕ (deg)	Y (lb/ft ³)	c (psf)	Ultimate Bearing (psf)		Ultimate Skin Friction (psf)	k (pci)	ϵ_{50}
				Shallow Fdns.	Deep Fdns.			
8	0	110	1000	5000	9000	500	150	0.01

2. The purchaser must verify that actual site soil parameters meet or exceed the assumed soil conditions and that the depth of standard foundations are adequate based on the frost penetration and/or zone of seasonal moisture variation at the site. Foundation design modifications may be required in the event the assumed soil parameters are not applicable for the actual subsurface conditions encountered.



G-SERIES FOUNDATION GENERAL NOTES

3. Foundation designs assume field inspections will be performed by the purchasers' representative to verify that construction materials, installation methods and assumed design parameters are acceptable based on the conditions existing at the site.
4. Work shall be in accordance with local codes, safety regulations and unless otherwise noted, the latest revision of ACI 318, "Building Code Requirements for Reinforced Concrete." Procedures for the protection of excavations, existing construction and utilities shall be established prior to foundation installations.
5. Concrete materials shall conform to the appropriate state requirements for exposed structural concrete.
6. Proportions of concrete materials shall be suitable for the installation method utilized and shall result in durable concrete for resistance to local anticipated aggressive actions. The durability requirement of ACI 318 Chapter 4 shall be satisfied based on the conditions expected at the site. As a minimum, concrete shall develop a minimum compressive strength of 4000 psi in 28 days.
7. Maximum size of aggregate shall not exceed the size suitable for the installation method utilized or 1/3 the clear distance behind or between reinforcing. Maximum size may be increased to 2/3 the clear distance provided workability and methods of consolidation such as vibrating will prevent honeycombs or voids.
8. Reinforcement shall be deformed and conform to the requirements of ASTM A615 Grade 60 unless otherwise noted. Splices in reinforcement shall not be allowed unless otherwise indicated.
9. Reinforcing cages shall be braced to retain proper dimensions during handling and throughout placement of concrete.
10. Welding is prohibited on reinforcing steel and embedments.
11. Minimum concrete cover for reinforcement shall be 3 inches unless otherwise noted. Appropriate spacers shall be used to insure a 3 inch minimum cover on reinforcement.
12. Concrete cover from top of foundations to ends of vertical reinforcement shall not exceed 3 inches nor be less than 2 inches.
13. Spacers shall be attached intermittently throughout the entire length of vertical reinforcing cages to insure concentric placement.
14. Foundation designs assume structural backfill to be compacted in 8 inch maximum layers to 95% of maximum dry density at optimum moisture content in accordance with ASTM D698. Additionally, structural backfill must have a minimum compacted until weight of 100 pounds per cubic foot.
15. Foundation designs assume level grade at the site.
16. Foundation installations shall be supervised by personnel knowledgeable and experienced with the proposed foundation type. Construction shall be in accordance with generally accepted installation practices.
17. Loose material shall be removed from bottom of excavations prior to concrete placement. Sides of excavations shall be rough and free of loose cuttings.
18. Concrete shall be placed in a manner that will prevent segregation of concrete materials and other occurrences which may decrease strength or durability.
19. Free fall concrete may be used provided fall is vertical down without hitting sides of excavation, form work, reinforcing bars, form ties, cage bracing or other obstructions. Under no circumstances shall concrete fall through water.
20. Concrete shall be placed against undisturbed soil except for piers in pier and pad foundations. Forms for piers shall be removed prior to placing structural backfill.
21. Construction joints, if required in piers must be at least 12 inches below bottom of embedments and must be intentionally roughened to a full amplitude of 1/4 inch. Foundation designs assume no other construction joints.
22. Tops of foundations shall be sloped to drain with a floated finish.
23. Exposed edges of concrete shall be chamfered 3/4" x 3/4".
24. Additional corrosion protection may be required for steel guy anchors in direct contact with soil. Design assumes periodic inspections will be performed over the life of the structure to determine if additional anchor corrosion protection measures must be implemented based on observed site-specific conditions.



FOUNDATION TOLERANCES

GENERAL

1. Concrete dimensions - plus 2" or minus 0".
2. Depth of foundation - plus 3" or minus 0".
3. Drilled foundations out-of-plumb - 1.0 degree.
4. Reinforcing steel placement - per A.C.I. 301.
5. Projection of embedments - plus or minus 1/8".
6. Vertical embedments out of plumb - 0.5 degree.

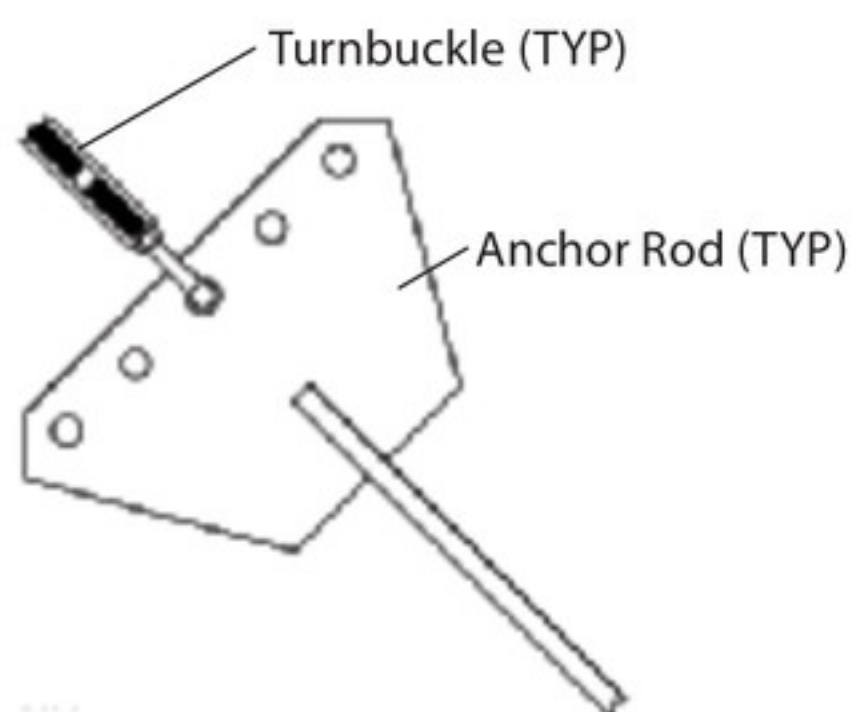
GUY ANCHORS

1. Guy radius - plus or minus 5% of distance specified.
2. Anchor elevation - plus or minus 5% of guy radius.
3. Anchor alignment (perpendicular to guy radius) - 1.0 degree.
4. Anchor rod slope - plus or minus 1.0 degree.
5. Anchor rod alignment with guy radius - plus or minus 1.0 degree.
6. Anchor head out of plumb - 1.0 degree.
7. Guy initial tension - plus or minus 10% of tension specified.

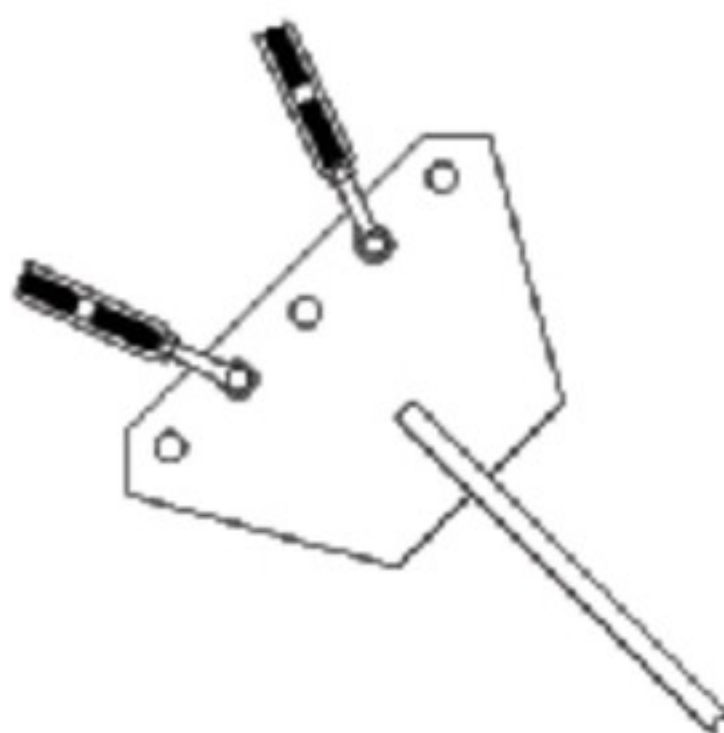
Note: Tolerances in notes 1 & 2 cannot occur simultaneously.



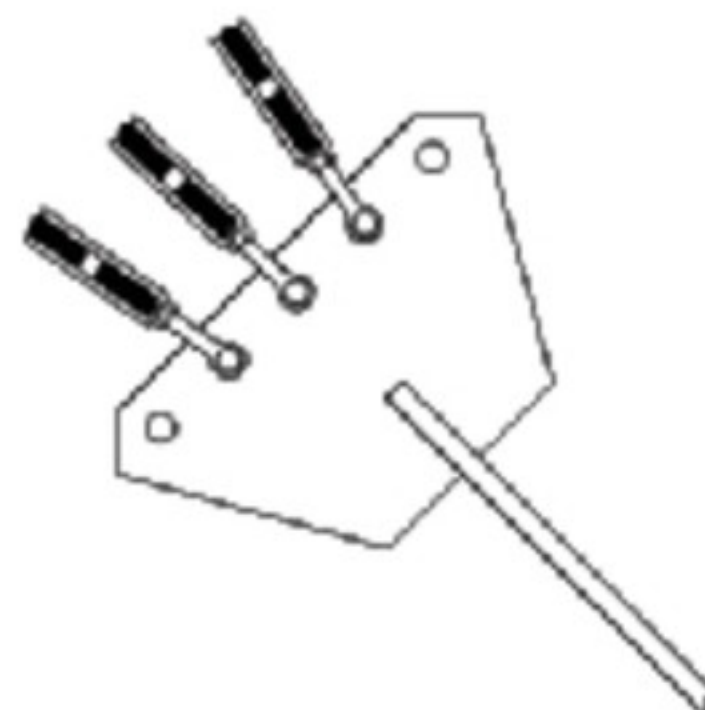
GUY ARRANGEMENT DETAILS



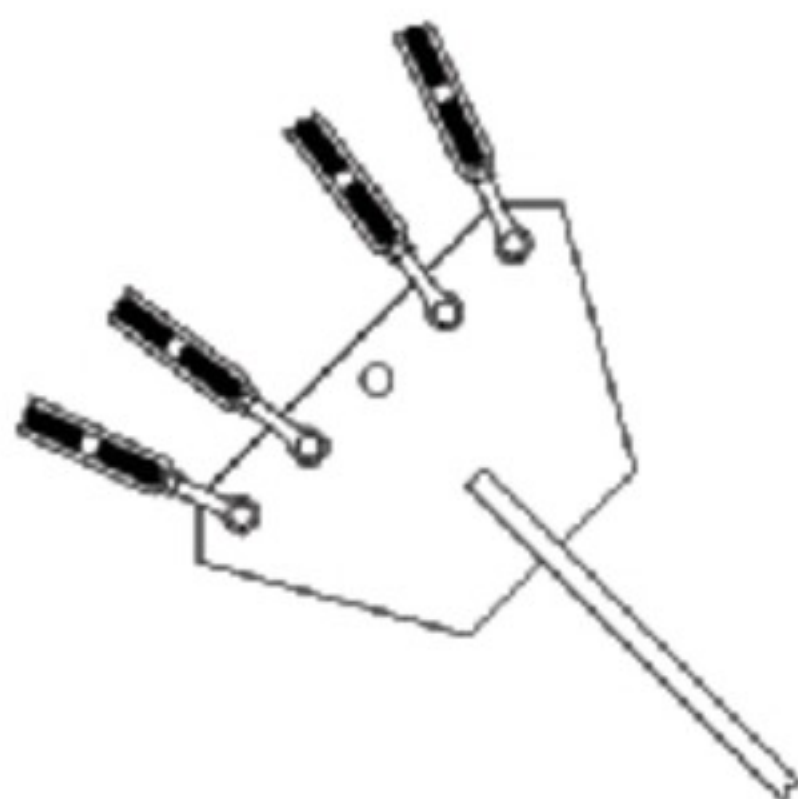
1 Guy Attachment



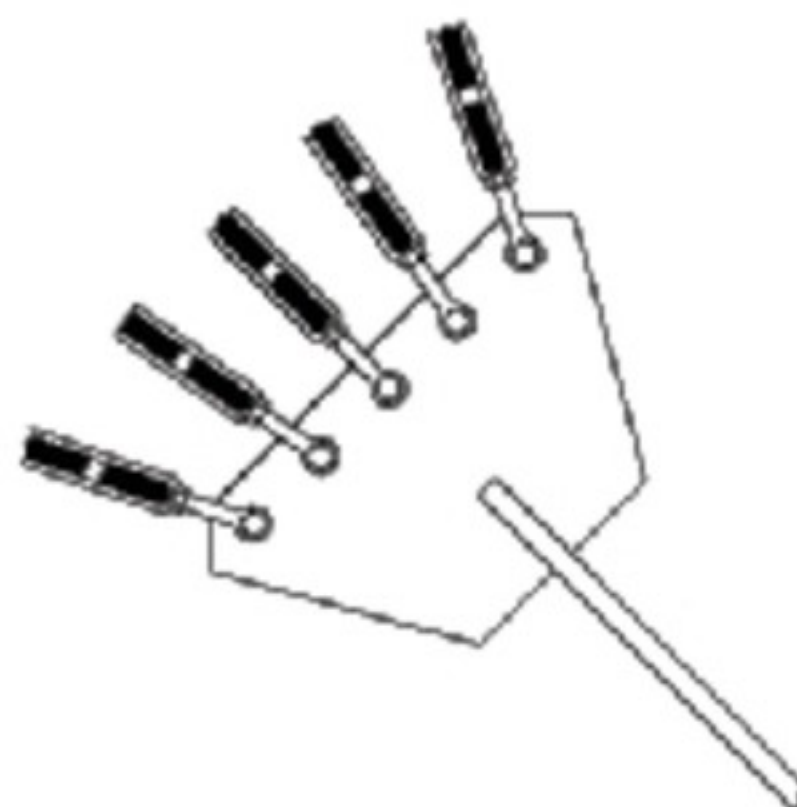
2 Guy Attachment



3 Guy Attachment



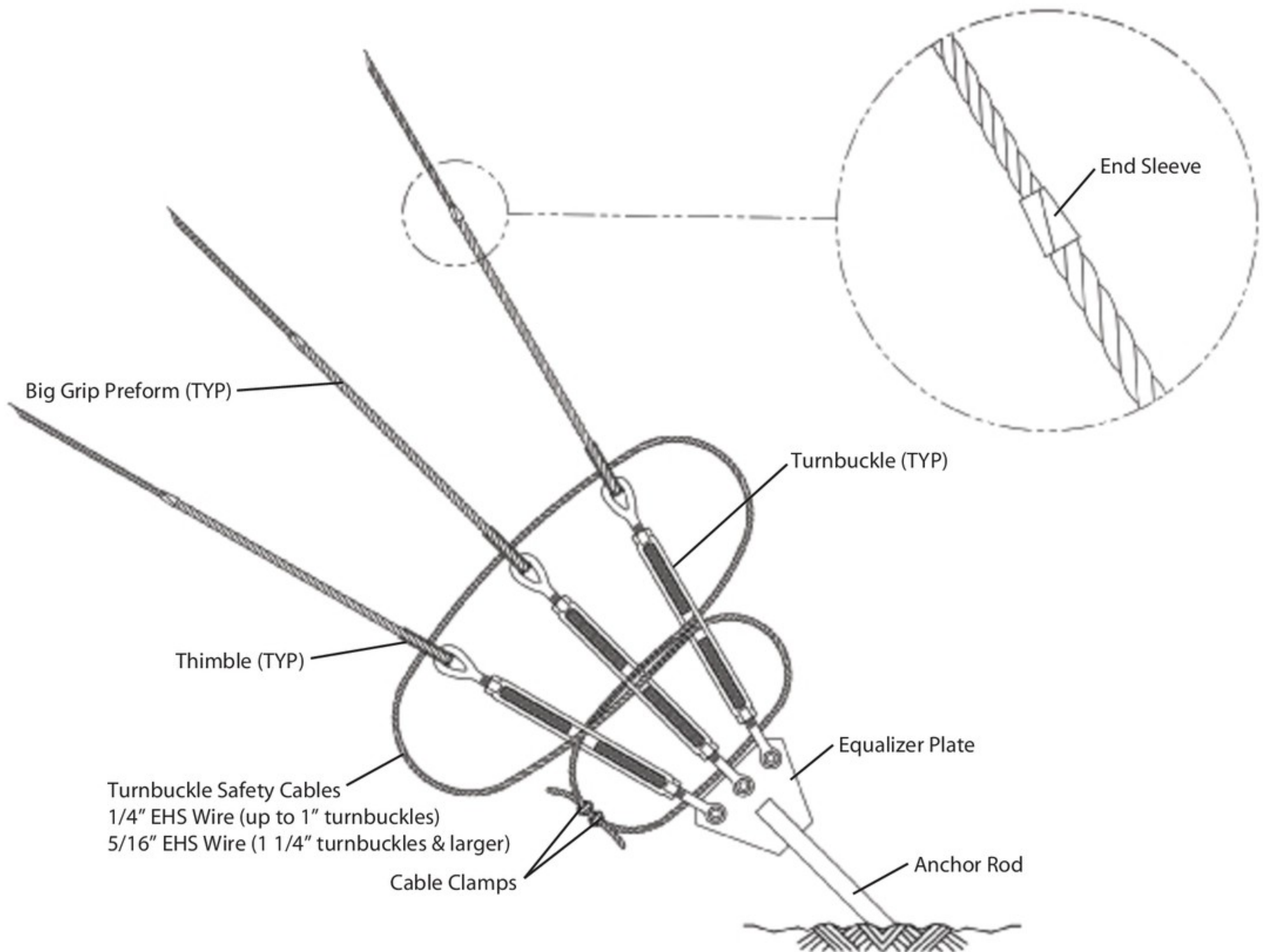
4 Guy Attachment



5 Guy Attachment

Wire Size	Anchor Rod	Turnbuckle	Thimble	Big Grip w/ End Sleeve
3/16 EHS	GAC3455TOP	1/2TBE&J	5/16THH	BG2142
	GAC5655TOP	5/8TBE&J	5/16THH	
1/4EHS	GAC3455TOP	1/2TBE&J	3/8THH	BG2144
	GAC5655TOP	5/8TBE&J	3/8THH	
	GAC5755TOP	3/4TBE&J	3/8THH	
5/16EHS	GAC3455TOP	5/8TBE&J	7/16THH	BG2146
	GAC5655TOP	5/8TBE&J	7/16THH	
	GAC5755TOP	3/4TBE&J	7/16THH	
3/8EHS	GAC3455TOP	5/8TBE&J	1/2THH	BG2174
	GAC5655TOP	5/8TBE&J	1/2THH	
	GAC5755TOP	3/4TBE&J	1/2THH	

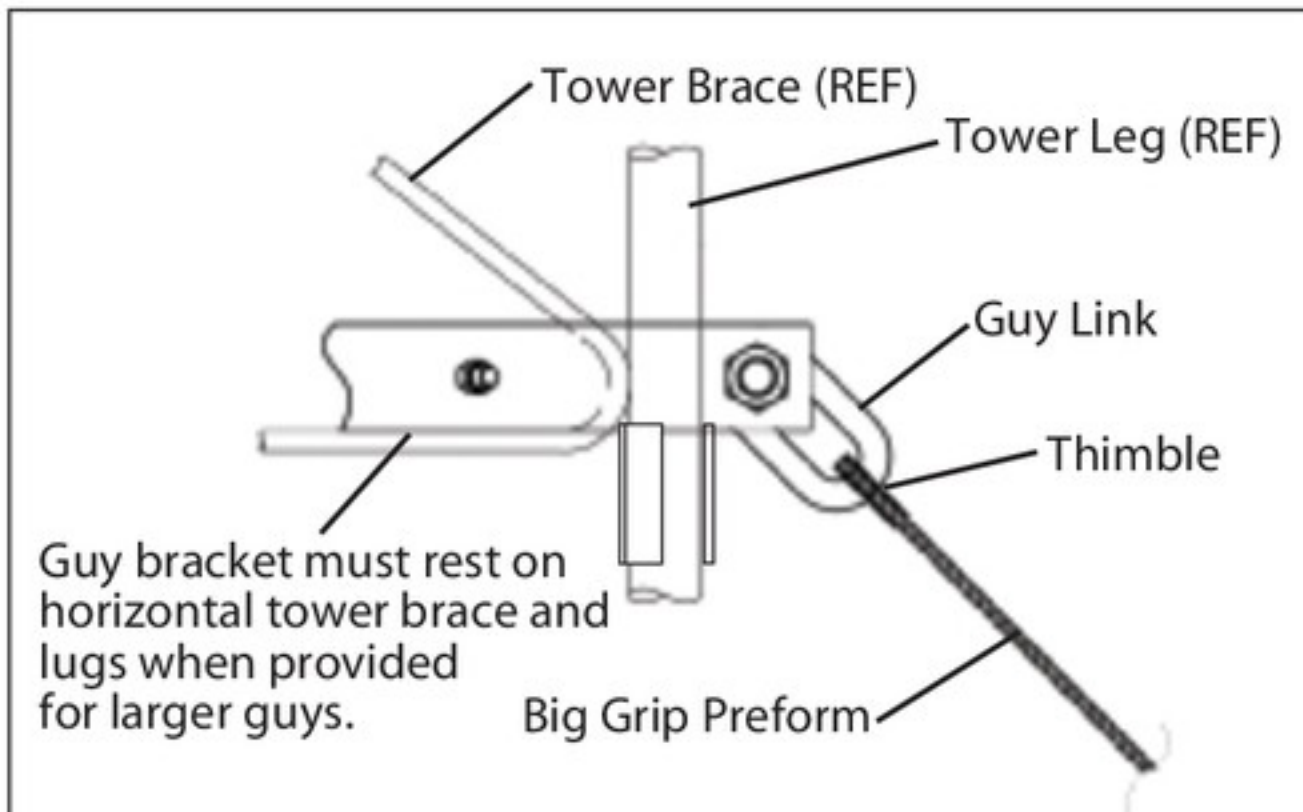
GUY ANCHOR CONNECTION DETAILS



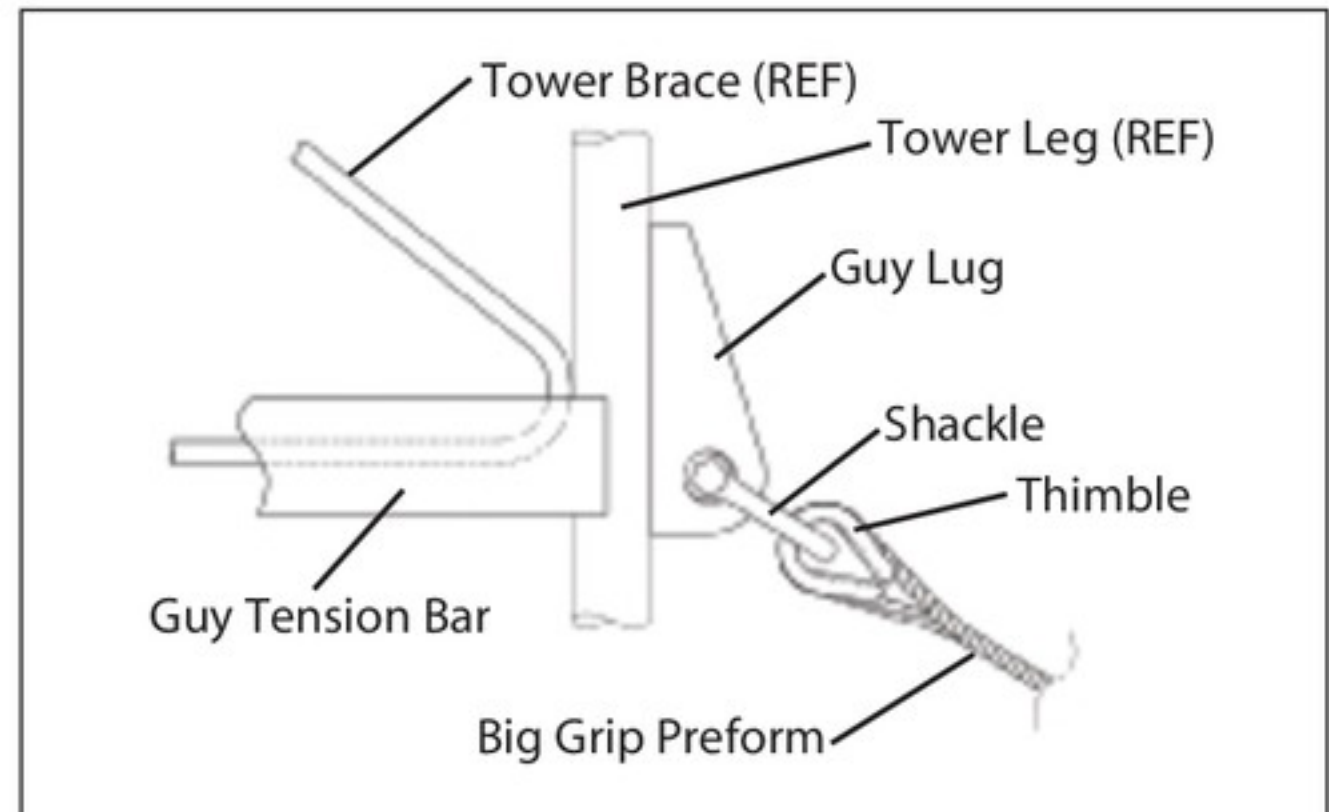
Anchor Connection



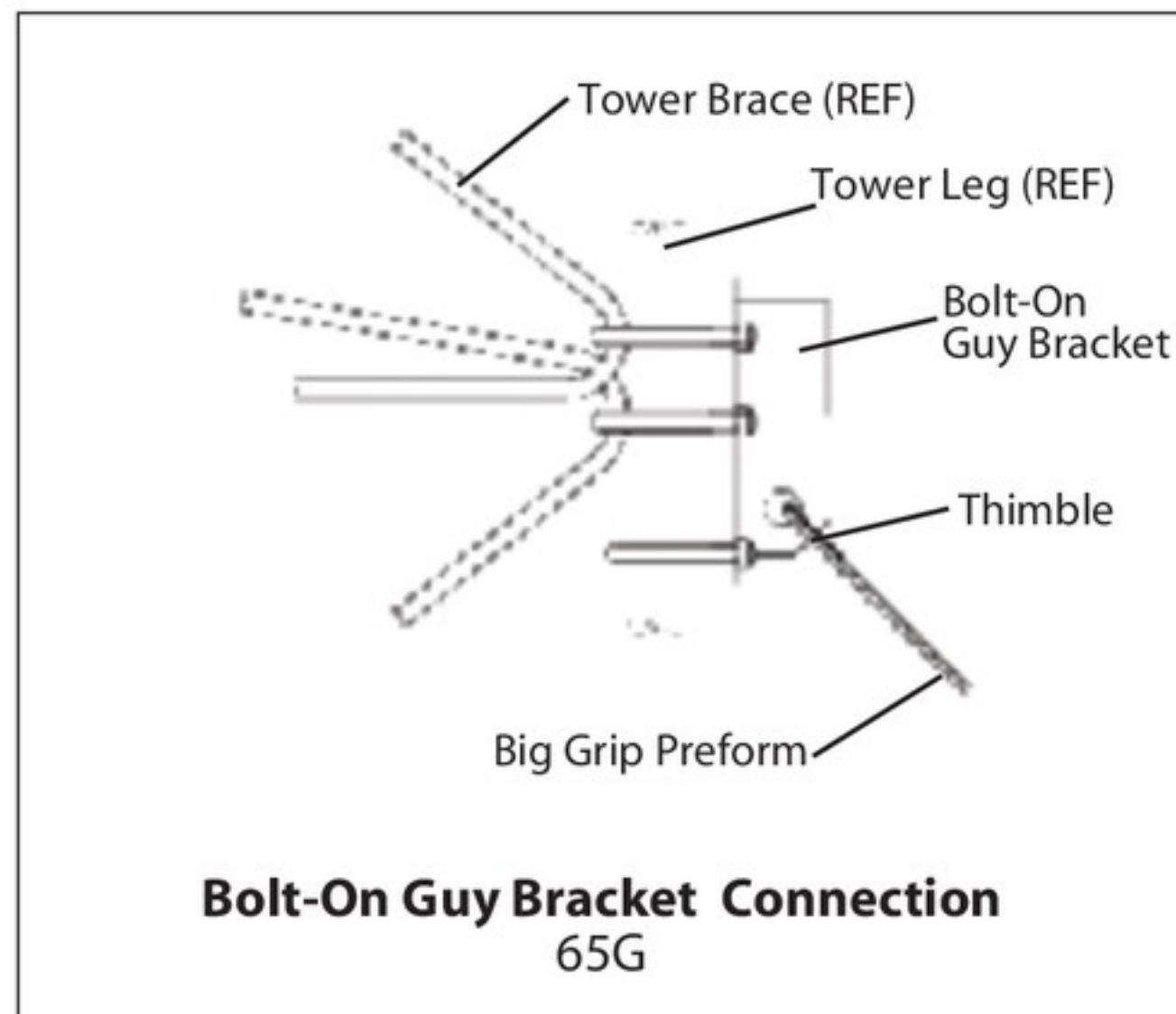
GUY MAST CONNECTION DETAILS



Guy Bracket Connection
25G, 45G, 45GSR, 55G

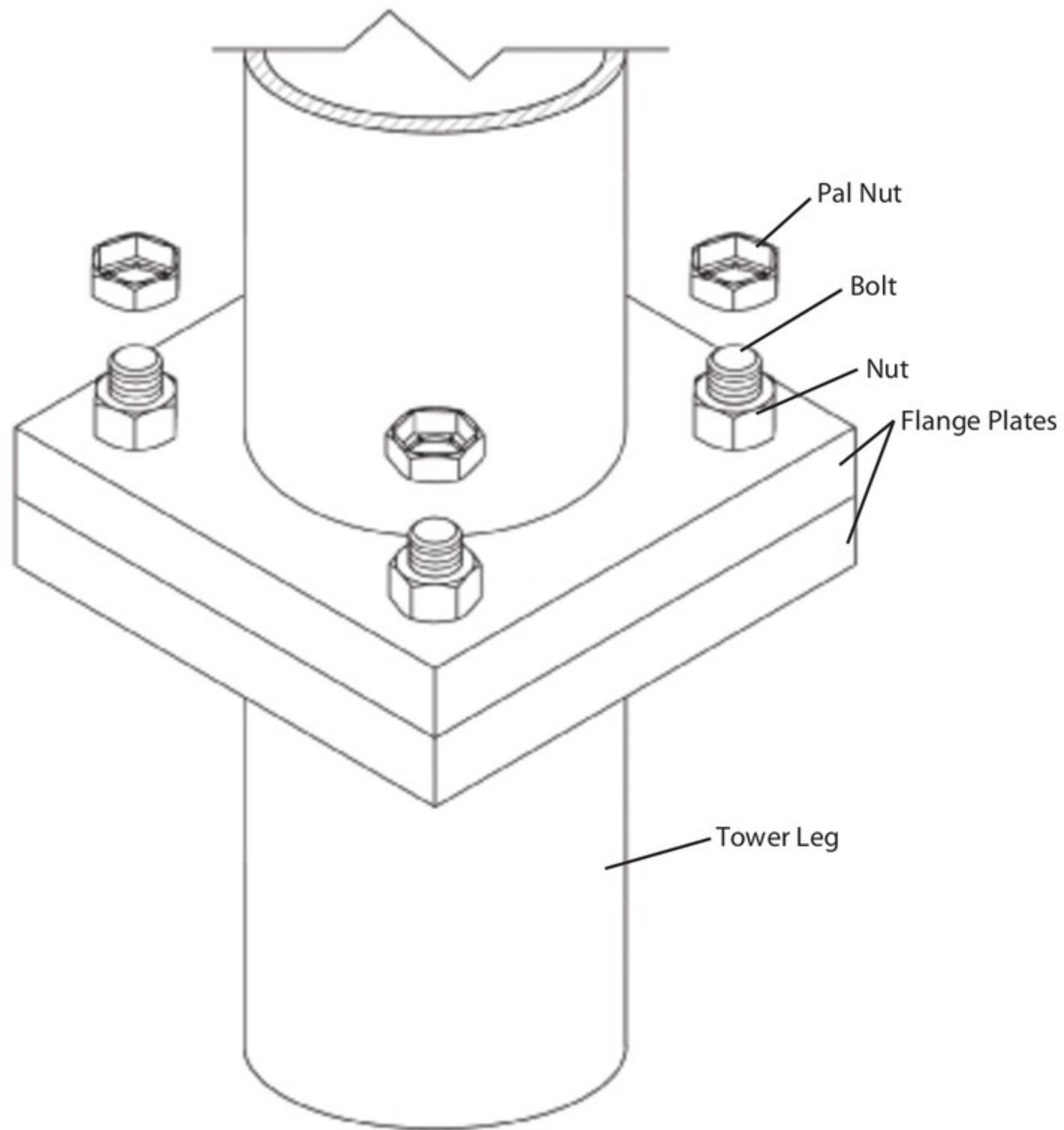


Guy Lug Connection
45GSR



Bolt-On Guy Bracket Connection
65G

PAL NUT INSTALLATION



When pal nuts are provided, they are to be installed after nuts are tight and with edge lip out as shown. Pal nuts are not required when self-locking nuts or lock washers are provided.