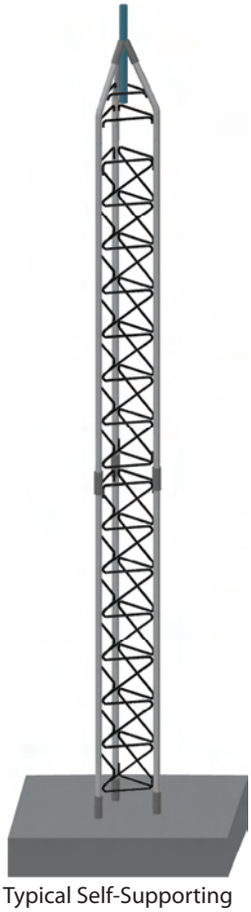
SELF-SUPPORTING TOWERS

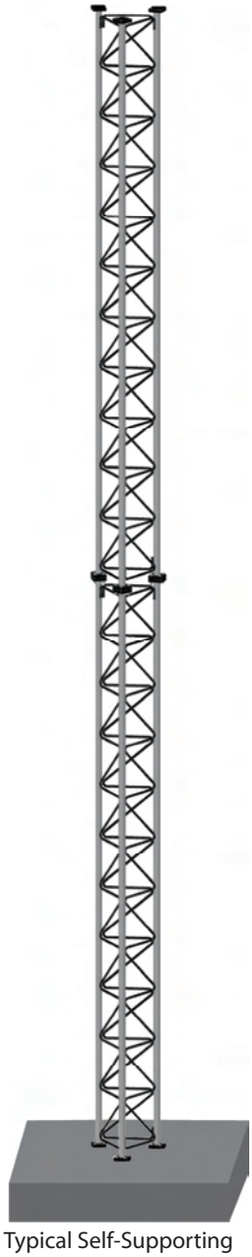
STANDARD G-SERIES SELF-SUPPORTING

UPDATED includes REV. F & REV. G Standard Designs

G-SERIES SELF-SUPPORTING



Typical Self-Supporting 25G, 45G and 55G Tower



Typical Self-Supporting 45GSR and 65G Tower

GENERAL USE

The self-supporting G-Series towers offer an easy, low-cost solution to get light weight antennas in the air quickly. By using the G-Series tower as a self-supporting structure, you minimize land area usage. They are functional in a wide variety of wind speeds. See ROHN's standard designs to help identify the right structure for your project. These are the same sturdy, robust tower sections that ROHN has fabricated for years. Each larger model allows for more loading capacity.

FEATURES

- Completely hot-dip galvanized after fabrication
- Cross bracing is formed by a continuous solid rod bracing fashioned into a zig-zag pattern for strength
- Pre-engineered loading charts meet varying individual specs and site conditions
- Typical uses include: small dishes, broadband, security and two-way communication
- All towers have 'fixed' bases

KITS

The kit part numbers for ROHN Self-Supporting G-Series towers include:

- Short base for embedment in concrete
- Rev F ground kit
- All tower sections and connection hardware
- Tapered top (25G and 45G towers)
- Top plate (55G towers)
- Cap plate kit (65G towers)

Per Rev G requirements, any structure greater than 10' requires a climber safety device. Please see page 207 for ordering information.

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G SERIES
REV. F ALLOWABLE ANTENNA AREAS (SQ. FT.)

NO ICE

70 MPH Fastest Mile

70 MPH Fastest Mile Wind Speed - No Ice								
	25G		45G		55G		65G	
Height	FT²	Part No.	FT²	Part No.	FT²	Part No.	FT²	Part No.
10′	19.7	25SS010	42.5	45SS010	75.0	55SS010	95.0	65SS010
20′	14.2	25SS020	22.0	45SS020	43.0	55SS020	95.0	65SS020
30′	6.4	25SS030	12.0	45SS030	26.0	55SS030	76.2	65SS030
35′	3.6	25SS035	8.7	45SS035	21.9	55SS035	61.2	65SS035
40′	1.5	25SS040	5.1	45SS040	15.0	55SS040	48.8	65SS040
45′			2.3	45SS045	11.4	55SS045	39.0	65SS045
50′					6.5	55SS050	29.3	65SS050
55′					4.0	55SS055	24.4	65SS055
60′					0.8	55SS060	18.4	65SS060
70′							8.7	65SS070
80′							0.9	65SS080

80 MPH Fastest Mile

80 MPH Fastest Mile Wind Speed - No Ice								
	25G		45G		55G		65G	
Height	FT²	Part No.	FT²	Part No.	FT²	Part No.	FT²	Part No.
10′	14.3	25SS010	30.0	45SS010	57.0	55SS010	95.0	65SS010
20′	9.0	25SS020	16.0	45SS020	30.0	55SS020	85.0	65SS020
30′	3.7	25SS030	7.5	45SS030	17.0	55SS030	55.8	65SS030
35′	1.4	25SS035	4.7	45SS035	14.5	55SS035	44.0	65SS035
40′			1.4	45SS040	8.0	55SS040	34.1	65SS040
45′					5.9	55SS045	26.2	65SS045
50′					1.5	55SS050	19.7	65SS050
55′							14.5	65SS055
60′							9.4	65SS060
70′							1.3	65SS070

90 MPH Fastest Mile

90 MPH Fastest Mile Wind Speed - No Ice								
	25G		45G		55G		65G	
Height	FT²	Part No.	FT²	Part No.	FT²	Part No.	FT²	Part No.
10′	10.5	25SS010	25.0	45SS010	45.0	55SS010	95.0	65SS010
20′	6.9	25SS020	11.0	45SS020	23.0	55SS020	65.0	65SS020
30′	1.7	25SS030	4.0	45SS030	12.0	55SS030	40.0	65SS030
35′			1.9	45SS035	9.4	55SS035	32.2	65SS035
40′					4.0	55SS040	24.1	65SS040
45′					2.2	55SS045	17.7	65SS045
50′							14.5	65SS050
55′							7.7	65SS055
60′							3.3	65SS060

Note: Antenna areas, ft.², assume all round antenna members.

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G SERIES
REV. G EFFECTIVE PROJECTED AREA (SQ. FT.)

NO ICE

90 MPH 3-Second Gust

90 MPH 3-Second Gust Wind Speed															
Height	25G			45G			45GSR			55G			65G		
	EPA		Part No.	EPA		Part No.	EPA		Part No.	EPA		Part No.	EPA		Part No.
	Exp.B	Exp.C		Exp.B	Exp.C		Exp.B	Exp.C		Exp.B	Exp.C		Exp.B	Exp.C	
10′	26.8	21.3	**25SS010**	60.0	47.5	**45SS010**	95	84	**45SR010**	80	79	**55SS010**	95	95	**65SS010**
20′	18.5	13.4	**25SS020**	31.3	22.7	**45SS020**	95	71	**45SR020**	56	42	**55SS020**	95	95	**65SS020**
30′	7.9	4.1	**25SS030**	16.1	8.4	**45SS030**	87	58	**45SR030**	34	21	**55SS030**	95	71	**65SS030**
35′	4.4	1.2	**25SS035**	9.8	3.8	**45SS035**	76	52	**45SR035**	25	14	**55SS035**	80	54	**65SS035**
40′	1.3	-	**25SS040**	4.9	-	**45SS040**	60	40	**45SR040**	17	8	**55SS040**	62	41	**65SS040**
45′				0.7	-	**45SS045**	48	31	**45SR045**	11	3	**55SS045**	48	30	**65SS045**
50′							38	23	**45SR050**	5	-	**55SS050**	37	21	**65SS050**
55′							29	16	**45SR055**				28	14	**65SS055**
60′							22	11	**45SR060**				20	7	**65SS060**

100 MPH 3-Second Gust

100 MPH 3-Second Gust Wind Speed															
Height	25G			45G			45GSR			55G			65G		
	EPA		Part No.	EPA		Part No.	EPA		Part No.	EPA		Part No.	EPA		Part No.
	Exp.B	Exp.C		Exp.B	Exp.C		Exp.B	Exp.C		Exp.B	Exp.C		Exp.B	Exp.C	
10′	20.7	16.4	**25SS010**	47.4	39.5	**45SS010**	82	66	**45SR010**	78	63	**55SS010**	95	95	**65SS010**
20′	14.0	9.9	**25SS020**	23.2	16.9	**45SS020**	74	55	**45SR020**	43	32	**55SS020**	95	95	**65SS020**
30′	5.3	2.2	**25SS030**	9.7	4.8	**45SS030**	66	43	**45SR030**	24	14	**55SS030**	81	55	**65SS030**
35′	2.1	-	**25SS035**	5.1	0.7	**45SS035**	59	38	**45SR035**	17	8	**55SS035**	61	40	**65SS035**
40′				1.2	-	**45SS040**	46	30	**45SR040**	10	3	**55SS040**	47	29	**65SS040**
45′							35	22	**45SR045**	5	-	**55SS045**	35	20	**65SS045**
50′							27	15	**45SR050**				26	13	**65SS050**
55′							20	9	**45SR055**				17	6	**65SS055**
60′							13	4	**45SR060**				11	1	**65SS060**

110 MPH 3-Second Gust

110 MPH 3-Second Gust Wind Speed															
Height	25G			45G			45GSR			55G			65G		
	EPA		Part No.	EPA		Part No.	EPA		Part No.	EPA		Part No.	EPA		Part No.
	Exp.B	Exp.C		Exp.B	Exp.C		Exp.B	Exp.C		Exp.B	Exp.C		Exp.B	Exp.C	
10′	16.5	12.7	**25SS010**	39.4	31.9	**45SS010**	67	53	**45SR010**	63	51	**55SS010**	95	95	**65SS010**
20′	10.6	7.2	**25SS020**	18.3	12.3	**45SS020**	59	43	**45SR020**	34	25	**55SS020**	95	81	**65SS020**
30′	3.1	0.4	**25SS030**	6.5	1.9	**45SS030**	51	32	**45SR030**	17	9	**55SS030**	65	43	**65SS030**
35′				1.7	-	**45SS035**	45	27	**45SR035**	11	4	**55SS035**	48	30	**65SS035**
40′							35	22	**45SR040**	5	-	**55SS040**	35	21	**65SS040**
45′							26	15	**45SR045**				25	13	**65SS045**
50′							19	9	**45SR050**				17	6	**65SS050**
55′							13	4	**45SR055**				10	-	**65SS055**
60′							7	-	**45SR060**				4	-	**65SS060**

Note: Antenna areas, ft.², assume all round antenna members.

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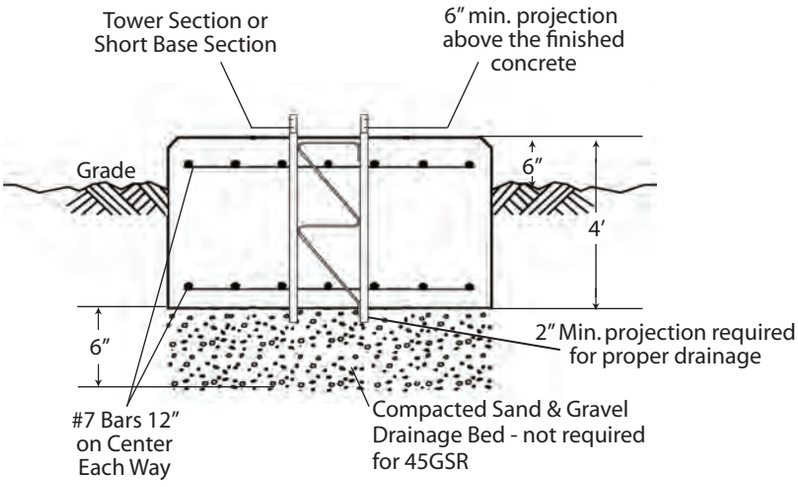
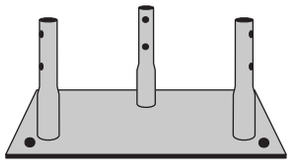
SELF-SUPPORTING G-SERIES FOUNDATIONS



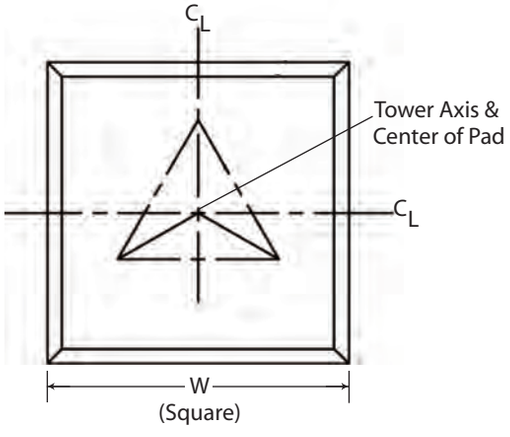
ELEVATION VIEW
25G (shown), 45G & 55G
SELF-SUPPORTING TOWER FOUNDATION



CONCRETE BASE PLATE WITH ANCHORS
25GSSB
FOR USE WITH SELF-SUPPORTING 25G TOWERS.

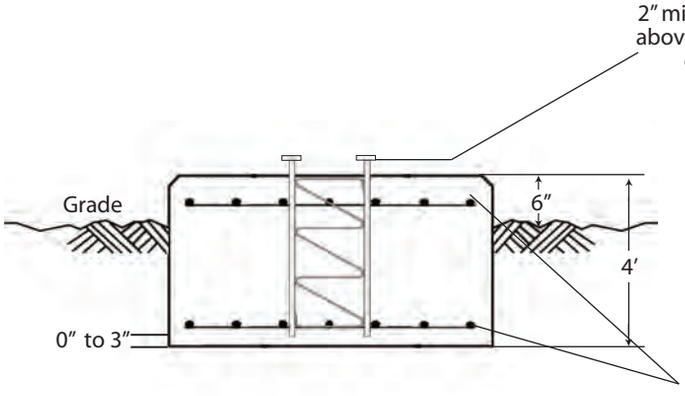
ALTERNATIVE TO USING SHORT BASE. BASE BOLTS & TEMPLATE MUST BE ORDERED SEPARATELY.

BASE BOLTS & TEMPLATE
R-KH8175A
FOR USE WITH 25GSSB IN SELF-SUPPORTING 25G TOWER APPLICATIONS. KIT INCLUDES (1) TEMPLATE & (4) BASE BOLTS.

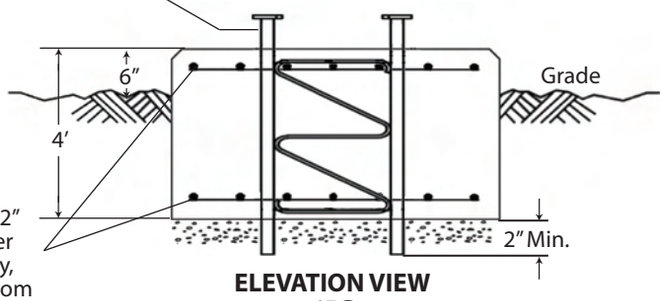


PLAN VIEW

Tower	Mat Width (W)	Concrete Volume (Cu. Yds.)
25G	4′ - 0″	2.4
45G	5′ - 3″	4.1
55G	6′ - 0″	5.3
45GSR 65G	7′ - 9″	8.9



ELEVATION VIEW
45GSR
SELF-SUPPORTING TOWER FOUNDATION



ELEVATION VIEW
65G
SELF-SUPPORTING TOWER FOUNDATION

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SELF-SUPPORTING G-SERIES DESIGN NOTES

1. Tower designs are in accordance with approved national standard ANSI/EIA-222-F and ANSI/TIA-222G, Structure Class I, Exposures B and C, Topographic Category I.
2. All towers must have "fixed" bases. Pinned bases may not be used.
3. Designs assume transmission lines symmetrically placed as follows:
   25G Tower - One 5/8" Line on each face (Total =3)
   45G Tower - One 7/8" Line and one 1/2" line on each face (Total = 3 @ 7/8" & 3 @ 1/2")
   55G & 65G Towers - Two 7/8" Lines on each face (Total =6)
4. Antennas and mounts assumed symmetrically placed at tower apex.
5. Rev F tabulated allowable antenna areas assume all round antenna members.
6. Allowable flat-plate antenna areas, based on EIA RS-222-C, may be obtained by multiplying Rev. F Antenna areas shown by 0.6.
7. Standard foundation designs are based on Rev. F normal soil and Rev. G presumptive clay soil parameters.

Refer to pages 147-153 for General Installation and Foundation Notes.

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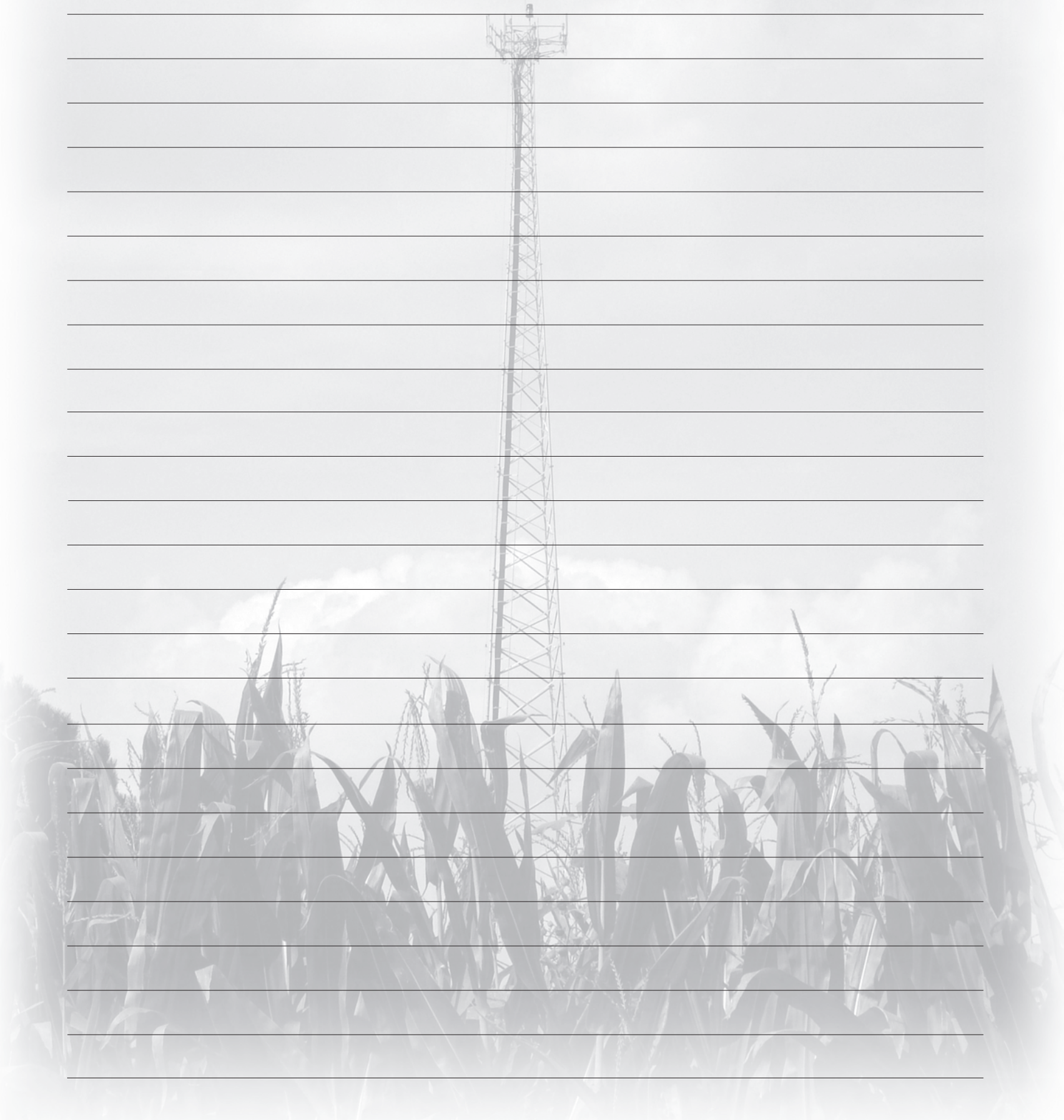
NOTES



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STANDARD 65G SELF-SUPPORTING CAMERA TOWERS (all-welded)

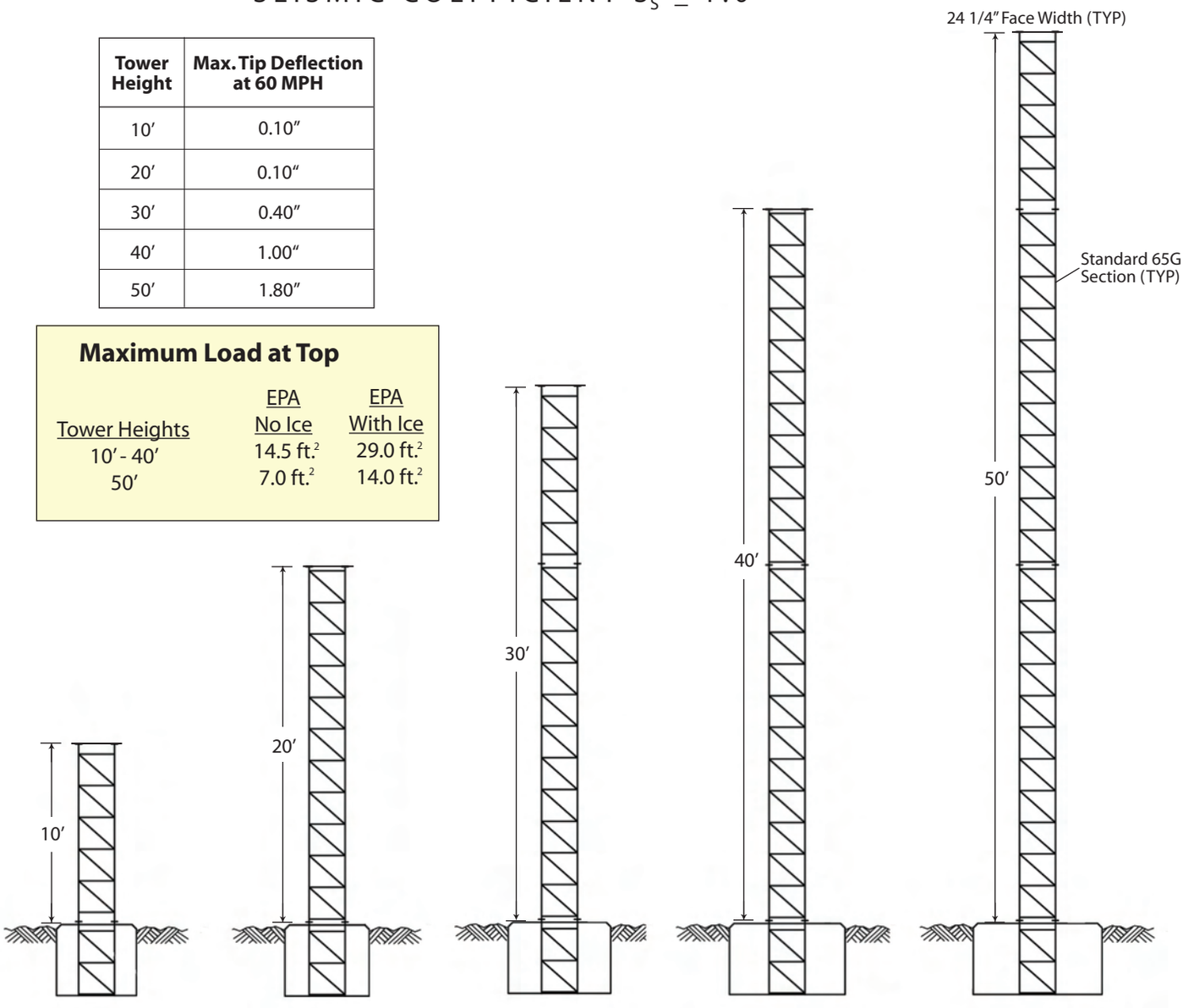
REV. F: 90 MPH FASTEST MILE - 1/2" ICE
REV. G: 110 MPH 3-SEC GUST WIND SPEED (NO ICE),
40 MPH 3-SEC GUST WIND SPEED (3/4" ICE),
CLASS II, EXPOSURE C, TOPO CATEGORY 1
SEISMIC COEFFICIENT $S_S \leq 1.0$

ALL WELDED

Tower Height	Max. Tip Deflection at 60 MPH
10′	0.10″
20′	0.10″
30′	0.40″
40′	1.00″
50′	1.80″

Maximum Load at Top

Tower Heights	EPA No Ice	EPA With Ice
10′ - 40′	14.5 ft.^{2}	29.0 ft.^{2}
50′	7.0 ft.^{2}	14.0 ft.^{2}



65SS010CT
290 lbs.*
4′-9″
Square
3.3 cu. yds. concrete

65SS020CT
490 lbs.*
5′-0″
Square
3.7 cu. yds. concrete

65SS030CT
685 lbs.*
6′-0″
Square
5.3 cu. yds. concrete

65SS040CT
860 lbs.*
7′-3″
Square
7.8 cu. yds. concrete

65SS050CT
1055 lbs.*
8′-0″
Square
9.5 cu. yds. concrete

Includes short base section, tower sections, Rev G grounding material and 3/16" top mounting plate with attachment hardware.

* Per Rev. G requirements, any structure greater than 10′ requires a climber safety device.

Please see page 173 for ordering information.

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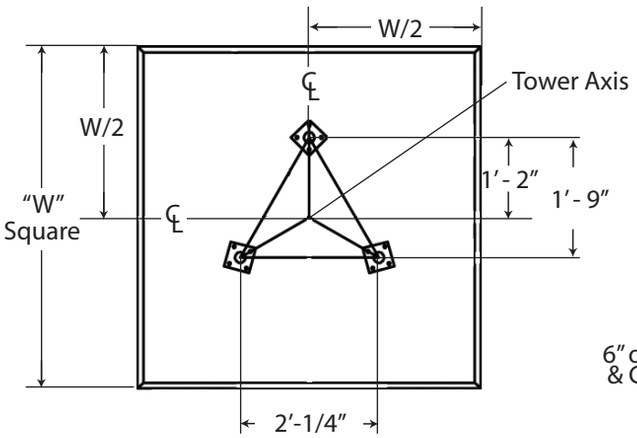
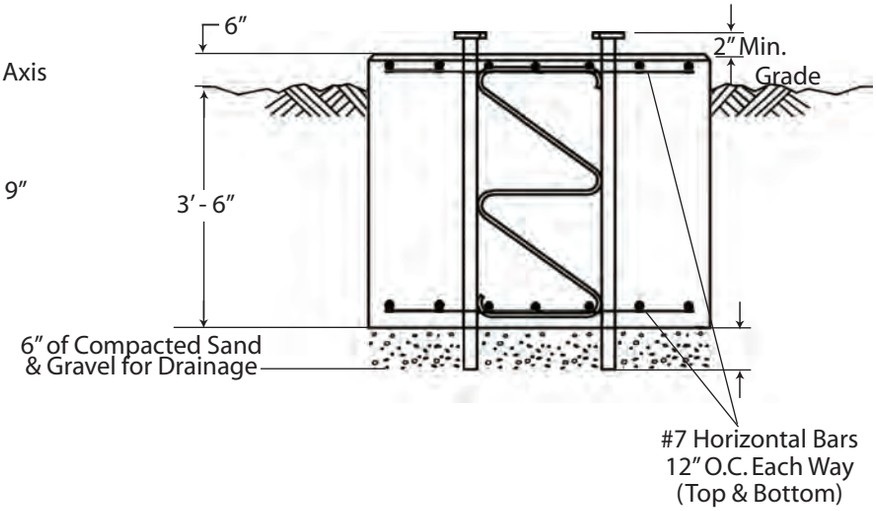
65G CAMERA TOWERS
STANDARD FOUNDATION DETAILS



See tower elevation page for "W" dimension.



ACCESSORIES

ANTI-CLIMB PANELS
VW915A
ORDERED SEPARATELY

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

SAFETY CABLE SLIDER WITH CARABINEER
TT-WG-500-W/SMC

SAFETY CABLE SYSTEM
R-TT05065
FITS ALL TOWER HEIGHTS

GENERAL NOTES

1. Tower designs are in accordance with ANSI/TIA/222-G.
2. Camera and mount assumed symmetrically placed at tower top.
3. Tower design assumes one 7/8" line on each tower face.
4. Assembly drawings and standard foundation details are provided with the tower.
5. Standard foundation illustrated is for general information only and is based on Rev F normal soil and Rev G presumptive clay soil parameters.

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STANDARD VG SELF-SUPPORTING CAMERA TOWERS (field bolted)

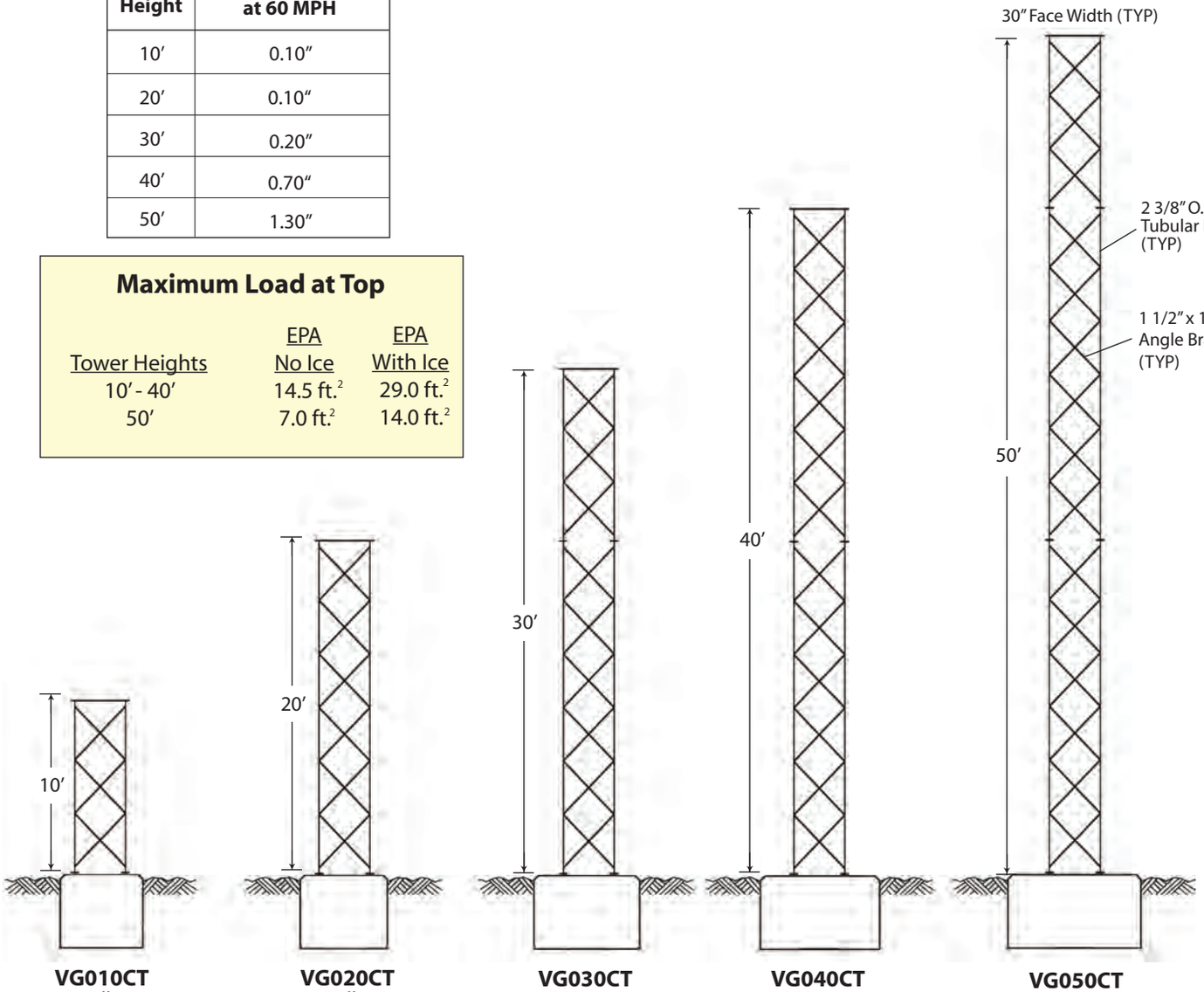
REV. F: 90 MPH FASTEST MILE - 1/2" ICE
REV. G: 110 MPH 3-SEC GUST WIND SPEED (NO ICE),
40 MPH 3-SEC GUST WIND SPEED (3/4" ICE),
CLASS II, EXPOSURE C, TOPO CATEGORY 1
SEISMIC COEFFICIENT $S_S \leq 1.0$

KNOCKED DOWN

Tower Height	Max. Tip Deflection at 60 MPH
10′	0.10"
20′	0.10"
30′	0.20"
40′	0.70"
50′	1.30"

Maximum Load at Top

Tower Heights	EPA No Ice	EPA With Ice
10′ - 40′	14.5 ft.^{2}	29.0 ft.^{2}
50′	7.0 ft.^{2}	14.0 ft.^{2}



VG010CT
210 lbs.*
5′-0"
Square
3.7 cu. yds. concrete

VG020CT
500 lbs.*
5′-6"
Square
4.5 cu. yds. concrete

VG030CT
665 lbs.*
6′-0"
Square
5.3 cu. yds. concrete

VG040CT
950 lbs.*
7′-3"
Square
7.8 cu. yds. concrete

VG050CT
1200 lbs.*
8′-0"
Square
9.5 cu. yds. concrete

Includes anchor bolt templates, tower sections, Rev G grounding material, 1/2" top mounting plate with attachment hardware and step bolts.

* Per Rev. G requriements, any structure greater than 10′ requires a climber safety device.

See page 175 for ordering information.

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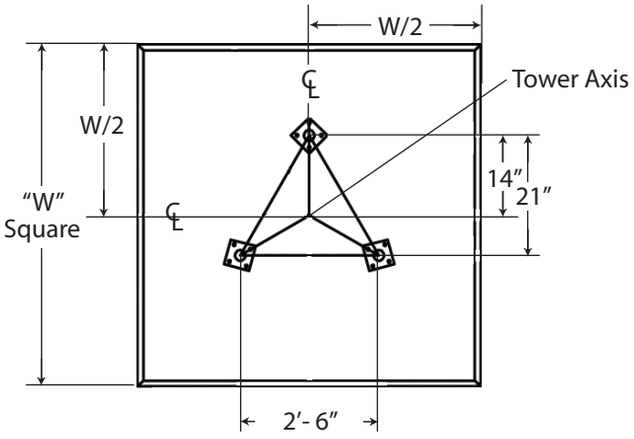
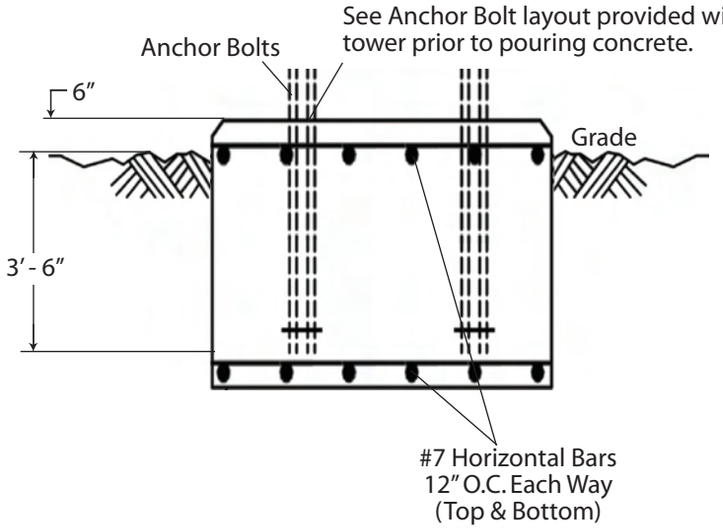
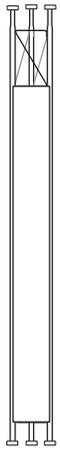
VG CAMERA TOWERS
STANDARD FOUNDATION DETAILS



See tower elevation page for "W" dimensions.



ACCESSORIES



ANTI-CLIMB PANELS
VW917A

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

SAFETY CABLE SLIDER WITH CARABINEER
TT-WG-500-W/SMC

SAFETY CABLE SYSTEM
R-TT050SSL
FITS ALL TOWER HEIGHTS

GENERAL NOTES

1. Tower designs are in accordance with ANSI/TIA/222-G.
2. Camera and mount assumed symmetrically placed at tower top.
3. Tower design assumes one 3/4" conduit on one tower face.
4. Assembly drawings and standard foundation details are provided with the tower.
5. Standard foundation illustrated is for general information only and is based on Rev F normal soil and Rev G presumptive clay soil parameters

Refer to pages 147-153 for Foundation General Notes.

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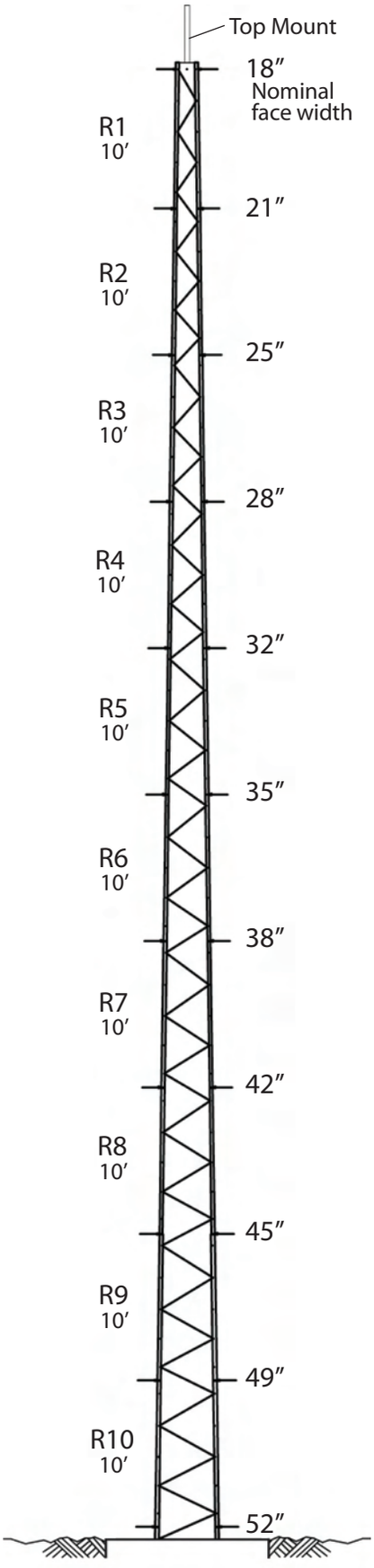
STANDARD RSL SELF-SUPPORTING TOWERS (field bolted)



RSL

GENERAL USE

The ROHN RSL is a light weight self-supporting tower designed for use in broadband, public safety and security applications. The RSL reaches above line-of-site obstacles such as tree tops, hilly terrain and buildings. If your site is remote or rugged, the RSL is shipped knocked down to reduce shipping cost and time.

FEATURES

- Available in heights from 20′ up to 100′
- High strength 60° formed angle legs
- Aerodynamic tubular bracing
- Easy to transport and assemble
- Ships in 10′ sections or knocked-down
- Tower material is hot-dip galvanized
- Assembly drawings provided with tower

Optional items are available and may be ordered separately:

- Step bolts
- Safety climbing device
- Top post
- Anti-climb panels
- Side arm mount
- Dish mount
- Grounding kit

Refer to page 185 for foundation details.

Per Rev G requirements, any structure greater than 10′ requires a climber safety device. Please see page 183 for ordering information.

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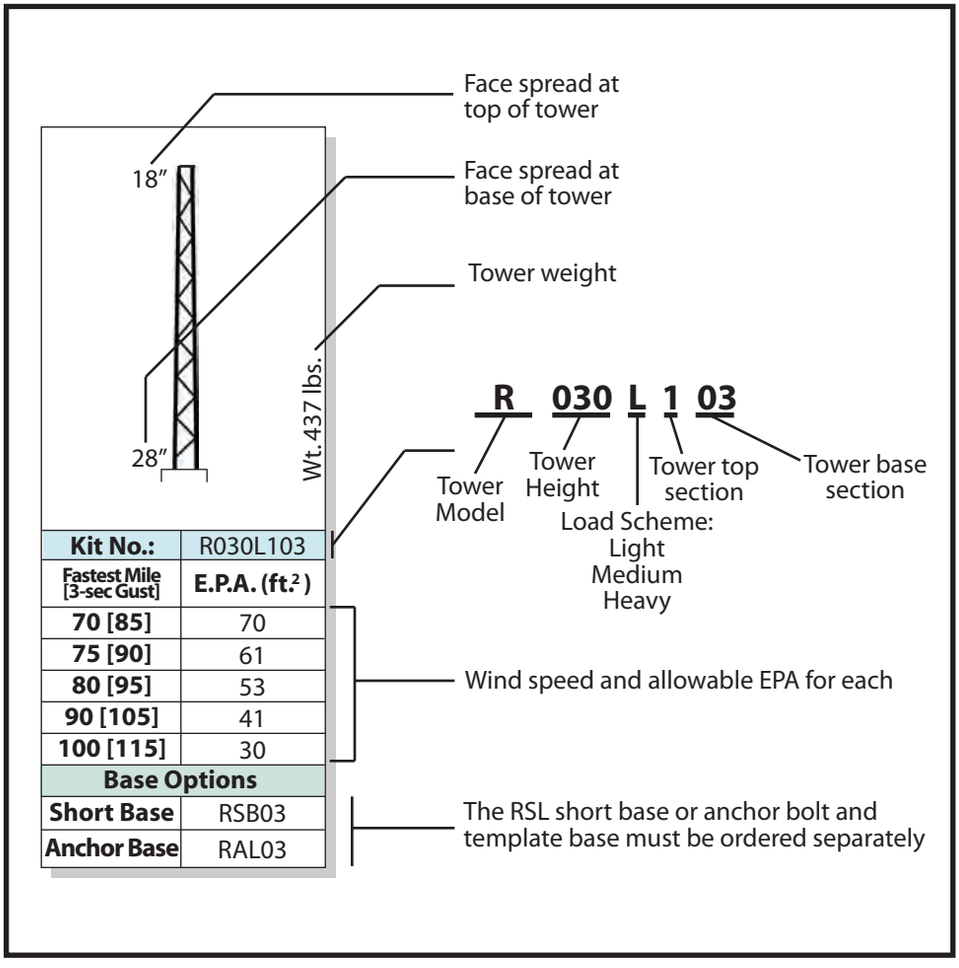
BUYERS GUIDE



Kit No.:	R030L103
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	70
75 [90]	61
80 [95]	53
90 [105]	41
100 [115]	30
Base Options	
Short Base	RSB03
Anchor Base	RAL03

DESIGN NOTES:

1. Tower designs conform to ANSI/TIA/EIA-222-F for the basic wind speeds indicated without ice. Tower designs also conform to the ANSI/TIA/EIA-222-F Standard for 1/2 inch radial ice load occuring simultaneously with 75% of the no ice design wind pressures.

2. Antennas and mounts are assumed to be symmetrically mounted at or below the top of the tower for determining overall reactions and member forces. Design assumes the weight of antennas and mounts does not exceed 300 lbs.

3. Design assumes maximum top mast load is limited to 5 sq. ft. EPA and 100 lbs. vertical load. All other loading is assumed to be mounted below the top mast.

4. Tower designs assume a 1/2 inch transmission line for each 10 square feet of EPA up to a maximum of three lines, one line per tower face.

5. Foundation designs are in accordance with ANSI/TIA/EIA-222-F, "Structural Standards for Steel Antenna Towers and Antenna Supporting Structures", Section 7, for "Normal" soil conditions. "Normal" soil is defined as dry, cohesive soil with an allowable net vertical bearing capacity of 4000 PSF and an allowable net horizontal pressure of 400 PSF per linear foot of depth to a maximum of 4000 PSF.

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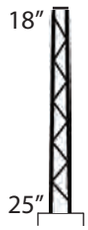
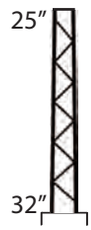
20' Towers



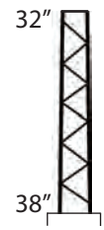
Wt. 290 lbs.

Kit No.:	R020L102
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	70
75 [90]	61
80 [95]	53
90 [105]	42
100 [115]	33
Base Options	
Short Base	RSB02
Anchor Base	RAL02



Wt. 295 lbs.

Kit No.:	R020M304
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	74
80 [95]	65
90 [105]	48
100 [115]	35
Base Options	
Short Base	RSB04
Anchor Base	RAL04



Wt. 302 lbs.

Kit No.:	R020M506
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	80
80 [95]	68
90 [105]	50
100 [115]	36
Base Options	
Short Base	RSB06
Anchor Base	RAL06

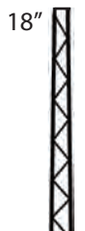
Wt. 399 lbs.

Kit No.:	R020H708
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	80
80 [95]	80
90 [105]	80
100 [115]	65
Base Options	
Short Base	RSB08
Anchor Base	RAL08

Wt. 477 lbs.

Kit No.:	R020H910
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	80
80 [95]	80
90 [105]	80
100 [115]	68
Base Options	
Short Base	RSB10
Anchor Base	RAL10

30' Towers

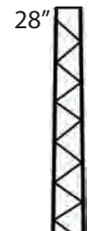


Wt. 437 lbs.

Kit No.:	R030L103
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	70
75 [90]	61
80 [95]	53
90 [105]	41
100 [115]	30
Base Options	
Short Base	RSB03
Anchor Base	RAL03

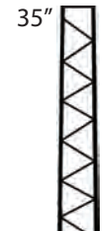
Wt. 445 lbs.

Kit No.:	R030M305
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	74
80 [95]	65
90 [105]	45
100 [115]	29
Base Options	
Short Base	RSB05
Anchor Base	RAL05



Wt. 450 lbs.

Kit No.:	R030M406
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	78
80 [95]	64
90 [105]	43
100 [115]	28
Base Options	
Short Base	RSB06
Anchor Base	RAL06



Wt. 551 lbs.

Kit No.:	R030H608
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	80
80 [95]	73
90 [105]	55
100 [115]	42
Base Options	
Short Base	RSB08
Anchor Base	RAL08

Wt. 687 lbs.

Kit No.:	R030H810
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	80
80 [95]	80
90 [105]	80
100 [115]	60
Base Options	
Short Base	RSB10
Anchor Base	RAL10

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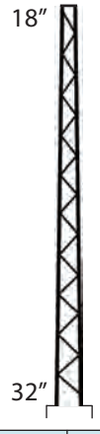
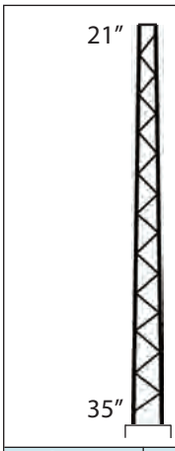
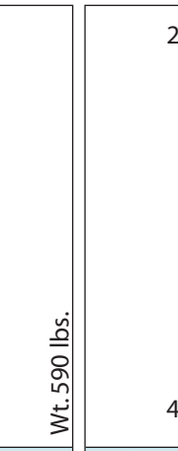
40'Towers



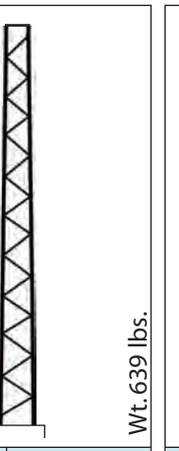
Kit No.:	R040L104
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	54
75 [90]	44
80 [95]	36
90 [105]	24
100 [115]	15
Base Options	
Short Base	RSB04
Anchor Base	RAL04



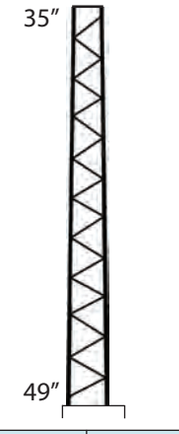
Kit No.:	R040M205
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	63
75 [90]	52
80 [95]	43
90 [105]	29
100 [115]	19
Base Options	
Short Base	RSB05
Anchor Base	RAL05



Kit No.:	R040M407
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	75
80 [95]	62
90 [105]	40
100 [115]	25
Base Options	
Short Base	RSB07
Anchor Base	RAL07

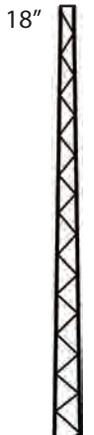


Kit No.:	R040H609
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	80
80 [95]	69
90 [105]	52
100 [115]	40
Base Options	
Short Base	RSB09
Anchor Base	RAL09

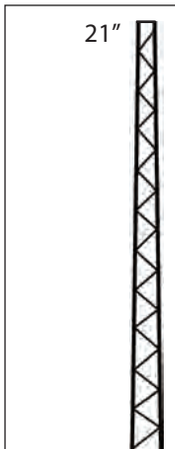


Kit No.:	R040H710
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	80
80 [95]	80
90 [105]	75
100 [115]	49
Base Options	
Short Base	RSB10
Anchor Base	RAL10

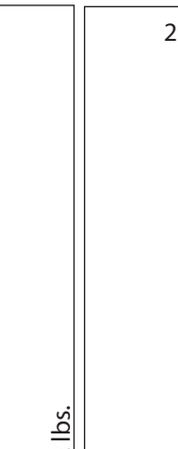
50'Towers



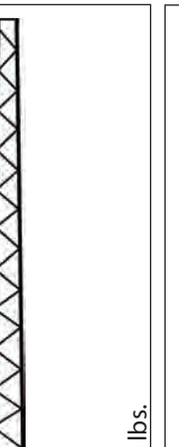
Kit No.:	R050L105
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	37
75 [90]	29
80 [95]	22
90 [105]	11
100 [115]	4
Base Options	
Short Base	RSB05
Anchor Base	RAL05



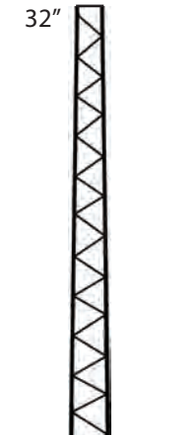
Kit No.:	R050M206
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	43
75 [90]	34
80 [95]	26
90 [105]	15
100 [115]	6
Base Options	
Short Base	RSB06
Anchor Base	RAL06



Kit No.:	R050M307
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	67
75 [90]	54
80 [95]	44
90 [105]	30
100 [115]	16
Base Options	
Short Base	RSB07
Anchor Base	RAL07



Kit No.:	R050H509
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	73
80 [95]	61
90 [105]	42
100 [115]	30
Base Options	
Short Base	RSB09
Anchor Base	RAL09



Kit No.:	R050H610
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	76
80 [95]	66
90 [105]	49
100 [115]	38
Base Options	
Short Base	RSB10
Anchor Base	RAL10

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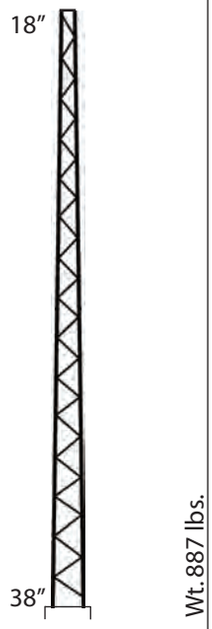
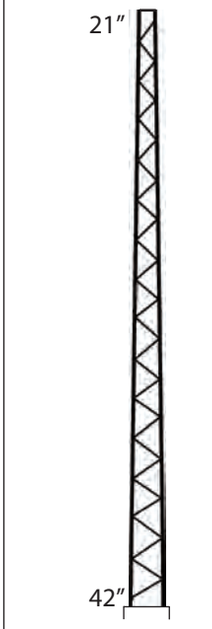
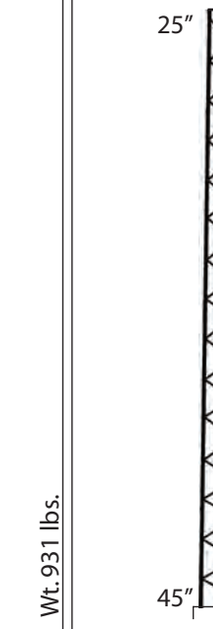


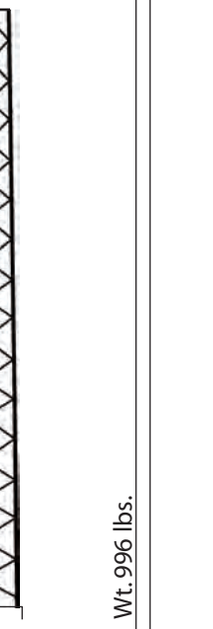
Kit No.:	R060L106
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	23
75 [90]	15
80 [95]	9
90 [105]	2
100 [115]	-
Base Options	
Short Base	RSB06
Anchor Base	RAL06



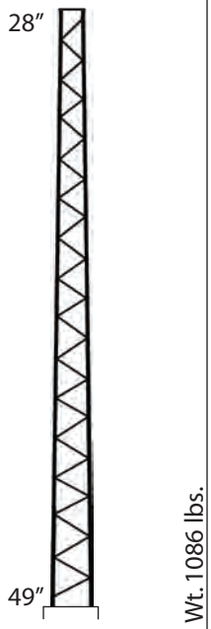
Kit No.:	R060M207
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	40
75 [90]	31
80 [95]	24
90 [105]	13
100 [115]	3
Base Options	
Short Base	RSB07
Anchor Base	RAL07



Kit No.:	R060M308
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	60
75 [90]	48
80 [95]	38
90 [105]	21
100 [115]	11
Base Options	
Short Base	RSB08
Anchor Base	RAL08



Kit No.:	R060H409
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	78
75 [90]	67
80 [95]	54
90 [105]	35
100 [110]	21
Base Options	
Short Base	RSB09
Anchor Base	RAL09



Kit No.:	R060H510
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	80
75 [90]	68
80 [95]	56
90 [105]	40
100 [110]	27
Base Options	
Short Base	RSB10
Anchor Base	RAL10

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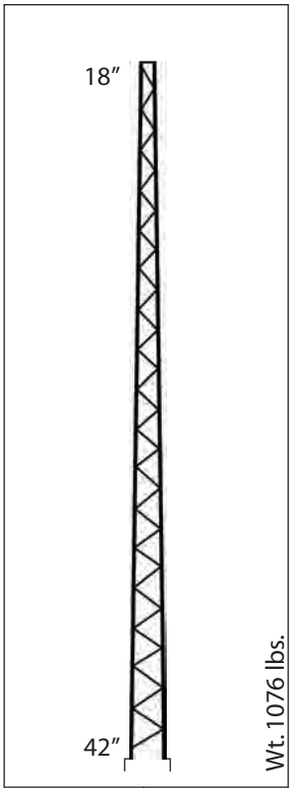
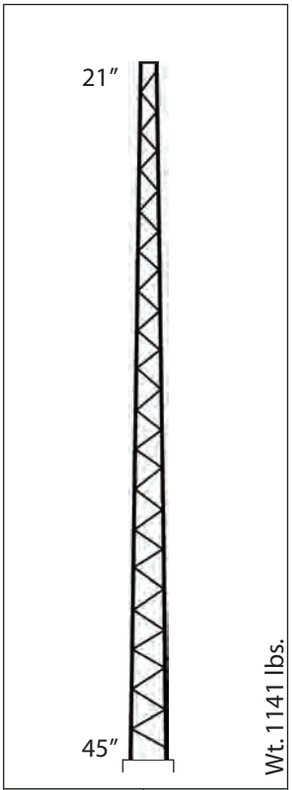
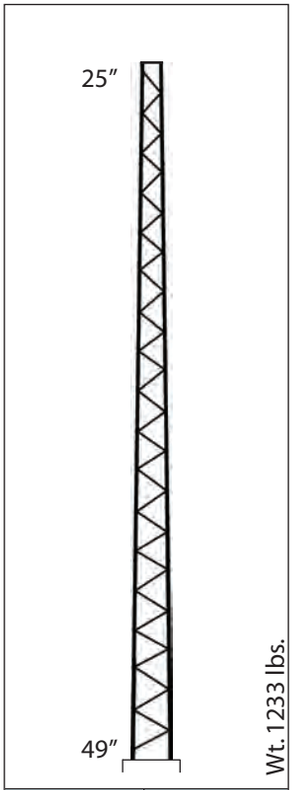
70'Towers



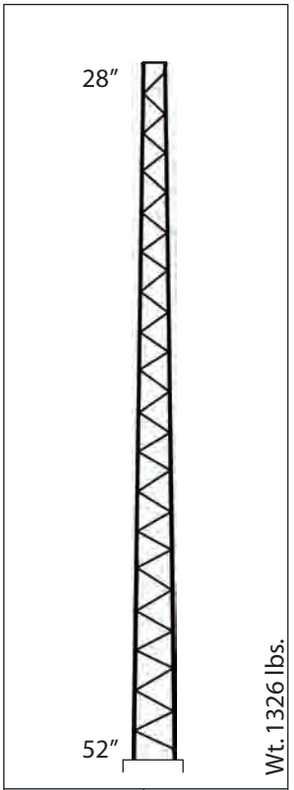
Kit No.:	R070L107
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	23
75 [90]	15
80 [95]	9
90 [105]	-
100 [115]	-
Base Options	
Short Base	RSB06
Anchor Base	RAL06



Kit No.:	R070M208
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	38
75 [90]	29
80 [95]	21
90 [105]	8
100 [115]	-
Base Options	
Short Base	RSB08
Anchor Base	RAL08



Kit No.:	R070M309
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	58
75 [90]	46
80 [95]	36
90 [105]	21
100 [115]	11
Base Options	
Short Base	RSB09
Anchor Base	RAL09



Kit No.:	R070H410
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	74
75 [90]	60
80 [95]	48
90 [105]	26
100 [115]	13
Base Options	
Short Base	RSB10
Anchor Base	RAL10

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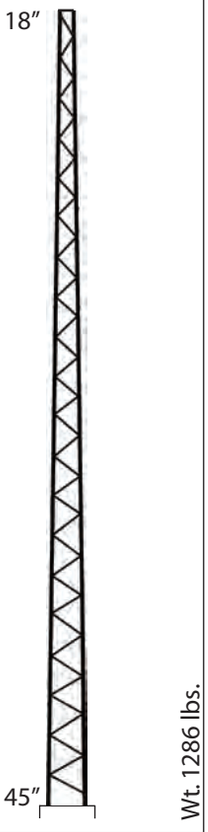
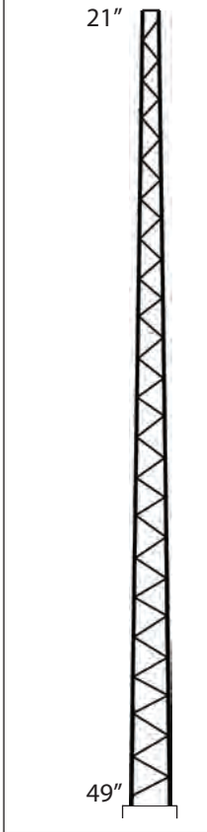
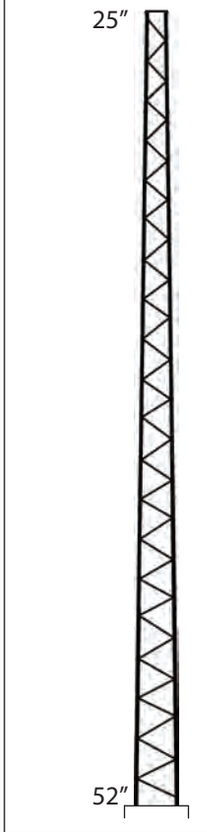
80' Towers



Kit No.:	R080L108
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	21
75 [90]	14
80 [95]	7
90 [105]	-
100 [115]	-
Base Options	
Short Base	RSB08
Anchor Base	RAL08

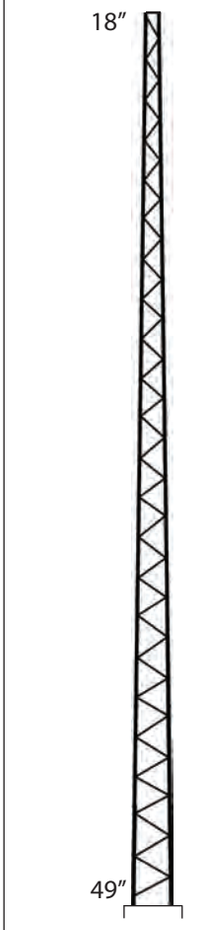


Kit No.:	R080M209
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	36
75 [90]	26
80 [95]	19
90 [105]	6
100 [115]	-
Base Options	
Short Base	RSB09
Anchor Base	RAL09

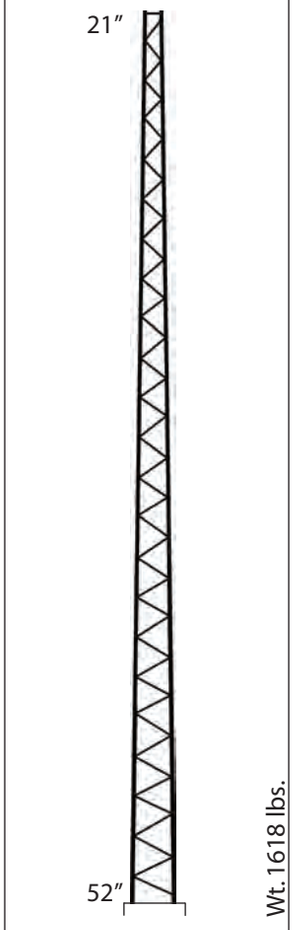


Kit No.:	R080H310
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	52
75 [90]	39
80 [95]	26
90 [105]	10
100 [115]	-
Base Options	
Short Base	RSB10
Anchor Base	RAL10

90' Towers



Kit No.:	R090L109
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	19
75 [90]	12
80 [95]	5
90 [105]	-
100 [115]	-
Base Options	
Short Base	RSB09
Anchor Base	RAL09



Kit No.:	R090H210
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	33
75 [90]	23
80 [95]	13
90 [105]	-
100 [115]	-
Base Options	
Short Base	RSB10
Anchor Base	RAL10

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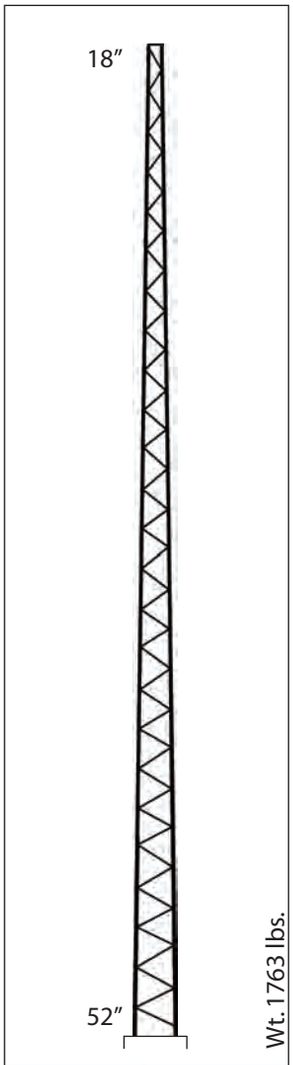
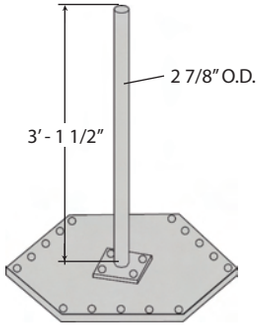
100' Towers

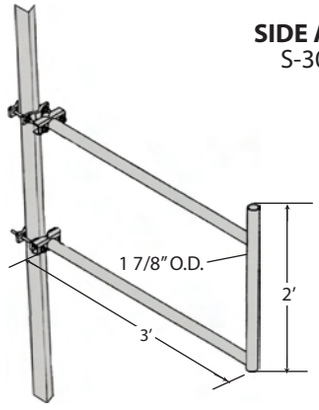


Kit No.:	R100S110
Fastest Mile [3-sec Gust]	E.P.A. (ft.²)
70 [85]	17
75 [90]	8
80 [95]	-
90 [105]	-
100 [115]	-
Base Options	
Short Base	RSB10
Anchor Base	RAL10

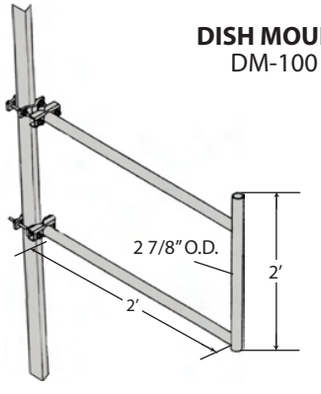
OPTIONAL ACCESSORIES



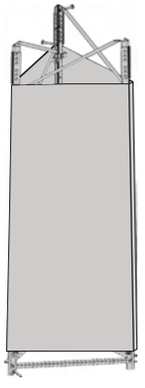
POST KIT
MOUNTS TO TOP ANGLES PROVIDED WITH TOWER KIT. INCLUDES: POST, PLATE AND ATTACHMENT HARDWARE.



SIDE ARM
S-300

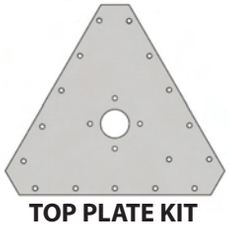


DISH MOUNT
DM-100



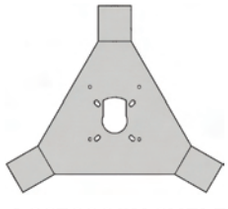
ANTI-CLIMB PANEL

RAC01	RAC06
RAC02	RAC07
RAC03	RAC08
RAC04	RAC09
RAC05	RAC10



TOP PLATE KIT
RTP01
RTP02
RTP03
RTP04
RTP05

MOUNTS TO TOP ANGLES PROVIDED WITH TOWER KIT. HOLE PATTERN FITS TB3 (2″ O.D.) AND TB4 (3″ O.D.) THRUST BEARINGS.



ACCESSORY SHELF
RASK01
RASK02
RASK03
RASK04
RASK05

MOUNTS TO TOWER LEGS. KIT INCLUDES PLATE AND ATTACHMENT HARDWARE.

Optional accessories continued on next page.

Grounding Kit shown on page 184.

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OPTIONAL ACCESSORIES

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

SAFETY CABLE SLIDER WITH CARABINEER
TT-WG-500-W/SMC

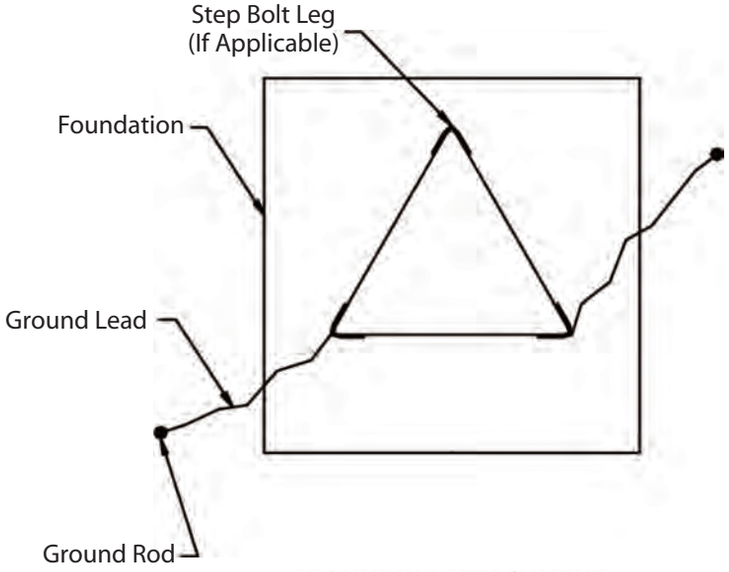
SAFETY CABLE SYSTEMS

Tower Height	Part Number
20′ - 50′	**RSL050TT**
60′ - 100′	**RSL100TT**

STEP BOLT KIT
(5/8″ X 7″)

TOWER HEIGHT	PART NUMBER
20′	**RSLSB20**
30′	**RSLSB30**
40′	**RSLSB40**
50′	**RSLSB50**
60′	**RSLSB60**
70′	**RSLSB70**
80′	**RSLST80**
90′	**RSLSB90**
100′	**RSLSB100**

RSL
BASE KIT INFORMATION



GROUNDING ATTACHMENT
RGKF

Optional Rev F Grounding Kit.
Fits all RSL Sections.

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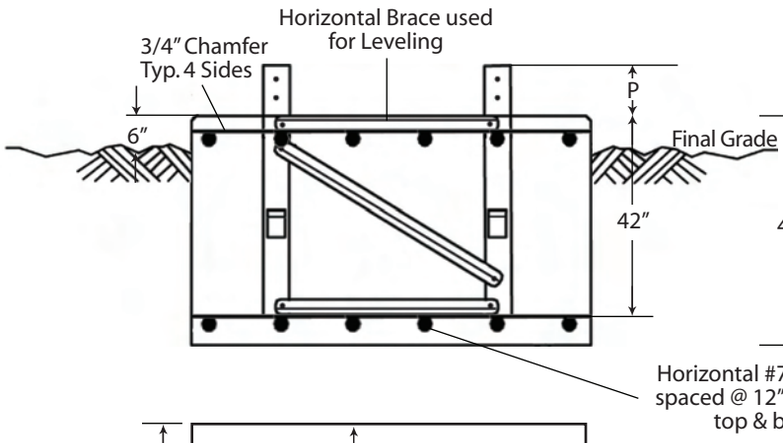
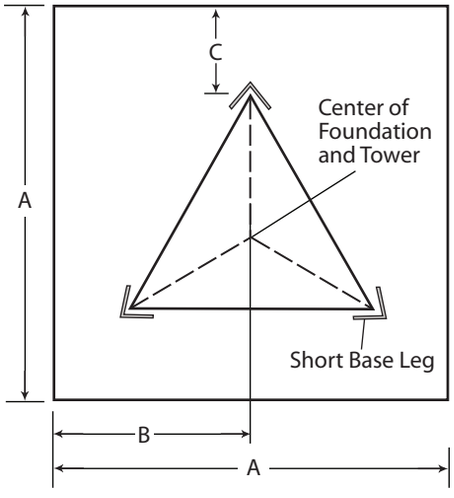
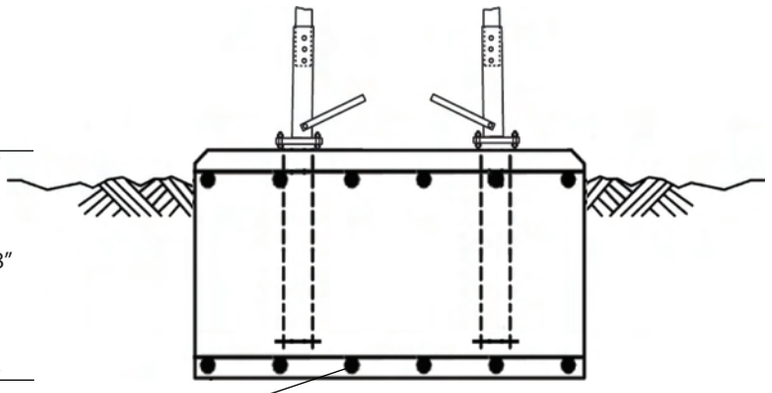
RSL
FOUNDATION INFORMATION

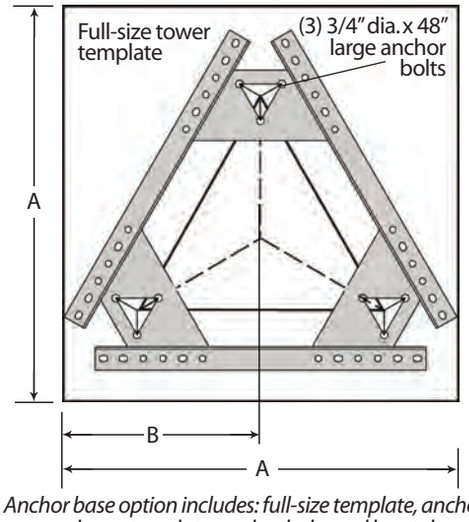
RSL SHORT BASE





ANCHOR BASE





Anchor base option includes: full-size template, anchor bolt lower template, anchor bolts and leg stubs.

SHORT BASE
(Ordered separately from tower)

Short Base Section
RSB02
RSB03
RSB04
RSB05
RSB06
RSB07
RSB08
RSB09
RSB10

STANDARD FOUNDATION INFORMATION
(Used with short base and anchor base options)

Dimensions (in.)				Concrete (Cu. Yds)	No. 7 Bars Req.
A	B	C	P		
84	42	28	10.50	7.3	32
90	45	29	12.50	8.3	32
90	45	27	11.25	8.3	32
96	48	28	11.50	9.5	36
96	48	26	12.00	9.5	36
108	54	30	13.00	12.0	40
114	57	31	12.75	13.4	40
120	60	32	13.50	14.8	44
126	63	33	12.75	16.3	44

ANCHOR BASE
(Ordered separately from tower)

Leg Stubs & Anchors
RAL02
RAL03
RAL04
RAL05
RAL06
RAL07
RAL08
RAL09
RAL10

See RSL tower kit for appropriate short base or anchor bolt section part numbers. Standard foundations illustrated are for general information purposes only. Actual details are provided with tower assembly drawings.

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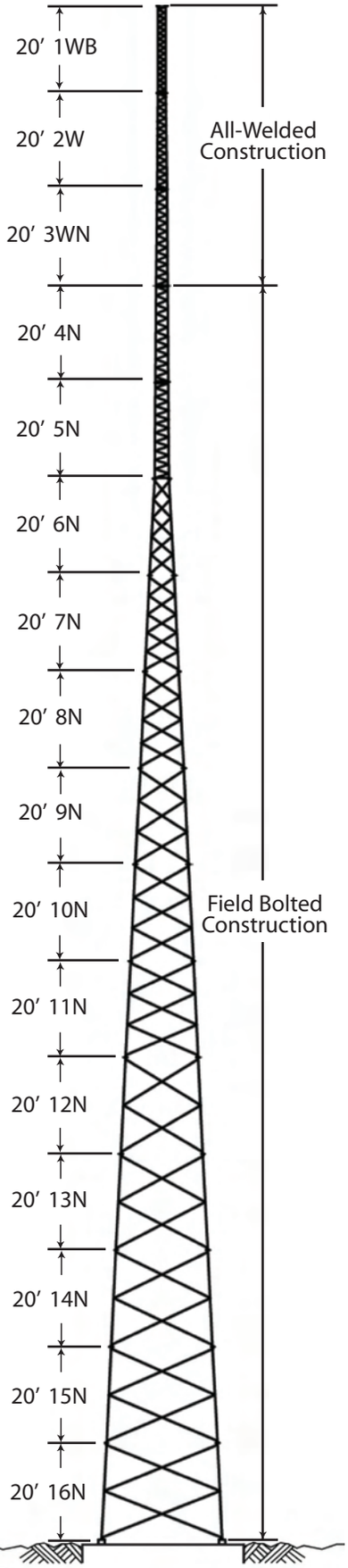
SSV SELF-SUPPORTING TOWERS



SSV STANDARD

GENERAL USE

The ROHN SSV tower has been in service for over 50 years. The design utilizes standard parts arranged to create a unique structure. The legs are tubular with angle braces at the bottom and solid legs and braces in the top sections. This tower is used in a variety of applications, from PCS structures and broadband to security, sports lighting and more. The SSV has proven to be one of the industry's most efficient and preferred structures. All ROHN towers are hot-dip galvanized, inside and out for corrosion protection.

Section Number	Nominal Spread Dimension	
	Upper	Lower
1WB	1′ - 2″	1′ - 2″
2W	1′ - 2″	1′ - 6″
3WN	1′ - 6″	1′ - 10″
4N	1′ - 10″	2′ - 2″
5N	2′ - 2″	2′ - 6″
6N	2′ - 6″	4′ - 6 1/4″
7N	4′ - 6 1/4″	6′ - 6 3/4″
8N	6′ - 6 3/4″	8′ - 6 3/4″
9N	8′ - 6 3/4″	10′ - 6 3/4″
10N	10′ - 6 3/4″	12′ - 7 1/4″
11N	12′ - 7 1/4″	14′ - 7 7/8″
12N	14′ - 7 7/8″	16′ - 8 3/8″
13N	16′ - 8 3/8″	18′ - 8 3/8″
14N	18′ - 8 3/8″	20′ - 9 3/8″
15N	20′ - 9 3/8″	22′ - 9 3/8″
16N	22′ - 9 3/8″	24′ - 9 3/8″

Per Rev G requirements, any structure greater than 10′ requires a climber safety device. Please contact ROHN for ordering information.

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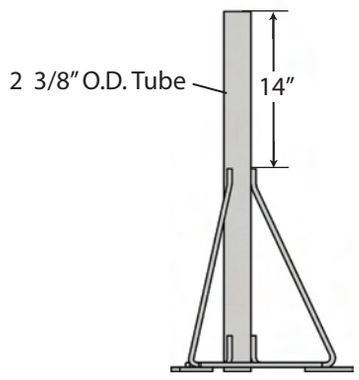
SELF-SUPPORTING STANDARD TOWERS
40' - 190'
70 MPH REV F. [NO ICE]

Tower Height (ft.)	Tower Assembly Number	Tower Weight (lbs.)	Allowable Projected Area		Top Section	Base Section		
			Tower Top Rounds (Flats)	30' Below Top Rounds (Flats)		Section Number	Short Base P/N	A-Bolts (12 Req.)
40	SS040D70	495	16.7 (10)	20 (12)	2W	3WN	SB3	-
50	SS050D70	564	15 (9)	18.3 (11)	1WB	3WN	SB3	-
60	SS060D70	1012	15 (9)	18.3 (11)	2W	4N	SB4	-
70	SS070D70	1077	13.3 (8)	16.7 (10)	1WB	4N	SB4	-
80	SS080D70	1441	13.8 (8)	16.7 (10)	2W	5N	SB5	-
90	SS090D70	1505	11.7 (7)	15 (9)	1WB	5N	SB5	-
100	SS100D70	1863	11.7 (7)	15 (9)	2W	6N	-	5/8X42
110	SS110D70	1927	10 (6)	14.2 (8.5)	1WB	6N	-	5/8X42
120	SS120D70	2449	10 (6)	14.2 (8.5)	2W	7N	-	5/8X42
130	SS130D70	2513	9.2 (5.5)	13.3 (8)	1WB	7N	-	5/8X42
140	SS140D70	3173	9.2 (5.5)	13.3 (8)	2W	8N	-	5/8X42
150	SS150D70	3248	8.3 (5)	12.5 (7.5)	1WB	8N	-	5/8X42
160	SS160D70	3952	8.3 (5)	12.5 (7.5)	2W	9N	-	5/8X42
170	SS170D70	4017	7.5 (4.5)	12.5 (7.5)	1WB	9N	-	5/8X42
180	SS180D70	4816	7.5 (4.5)	12.5 (7.5)	2W	10N	-	3/4X48
190	SS190D70	4880	6.7 (4)	11.7 (7)	1WB	10N	-	3/4X48

General Notes:

1. Standard tower designs are in accordance with approved national standard ANSI/EIA-222-F (no ice).
2. Equivalent flat-plate antenna areas based on EIA RS-222-C, must not exceed the areas shown for flat members.
3. Tower designs assume allowable projected areas are symmetrically placed on the tower.
4. Designs assume one 7/8 line to top and two 7/8 lines to 30 feet below top, one line on each face.
5. All towers are provided with a tapered top.
6. A Rev F grounding kit is provided with each tower.
7. Assembly drawings and standard foundation details are supplied with the tower.
8. Custom designs for site-specific applications are available upon request.



Tapered Top

Assy.P/N	Tower Section No.
1TT	1W, 1WB, 2W
3TT	2WST, 2WB, 3WN
4TTN	3WNST, 3WNB, 4N
5TTN	4NST, 4NA, 4WB, 4NC, 5N
6TT	5NST, 5NA, 5NB, 5NC, 6C

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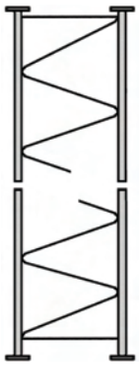
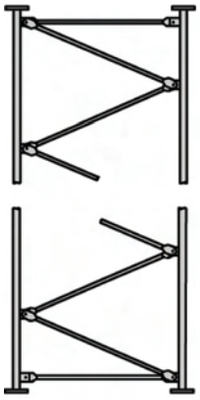
SELF-SUPPORTING
STANDARD SECTIONS



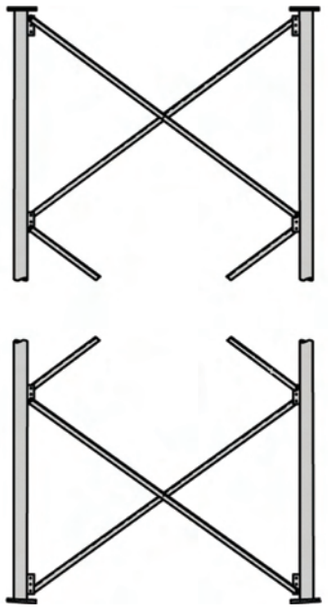
Bracing Detail for Sections 1W - 3WN
Solid Round Legs & Solid Round Braces

Straight and Tapered Sections available.

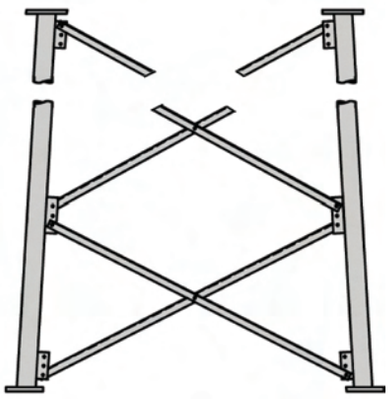


Bracing Detail for Sections 4N & 5N
Solid Round Legs & Solid Round Braces

Straight and Tapered Sections available.

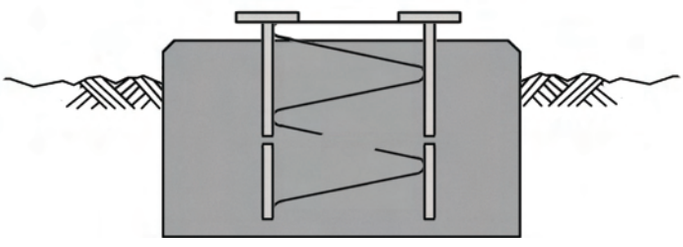


Bracing Detail for Straight Sections 6N - 11N
Tubular Legs & Angle Braces



Bracing Detail for Tapered Sections 6N - 16N
Tubular Legs & Angle Braces

TYPICAL SHORT BASE



Part No: SB2, SB3, SB4 & SB5
Installed when 2N - 5N sections are used as tower base.

Anchor bolt configurations are provided with larger towers.

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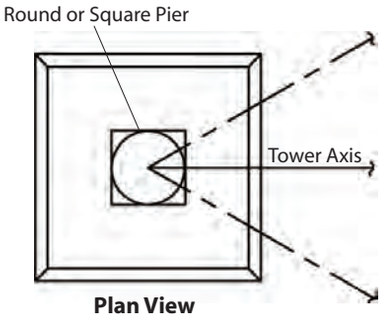
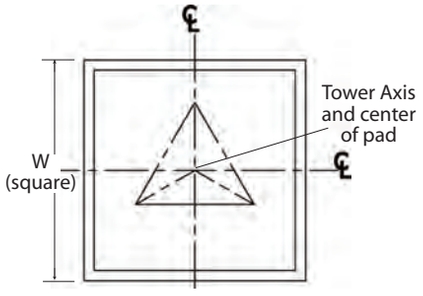
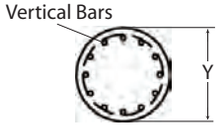
SELF-SUPPORTING
STANDARD FOUNDATIONS



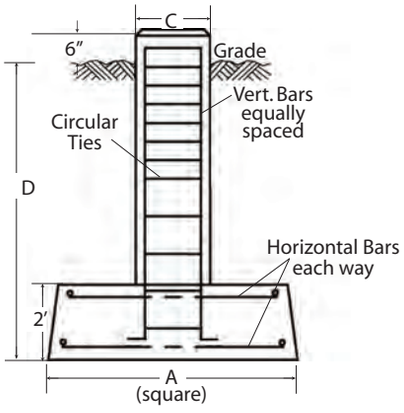
Plan View



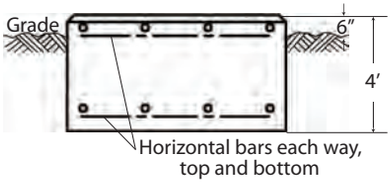
Plan View



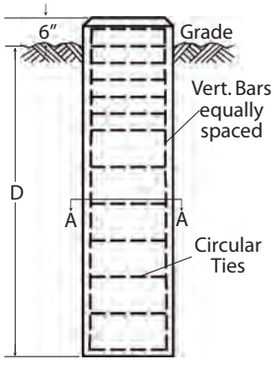
Section A-A



Pier & Pad
Elevation View



Mat
Elevation View



Drilled Pier
Elevation View

Tower Base Sect. No.	Pier & Pad					Mat		Drilled Pier		
	Dimensions			Req'd Conc. (cu.yds. 3 fdns)		W	Req'd Conc. (cu.yds.)	D	Y	Req'd Conc. (cu.yds.)
	D	A	C	Round	Square					
1W	-	-	-	-	-	4′-0″	2.4	-	-	-
2W	-	-	-	-	-	5′-6″	4.5	-	-	-
3WN	-	-	-	-	-	6′-9″	6.8	-	-	-
4N	-	-	-	-	-	8′-0″	9.5	-	-	-
5N	-	-	-	-	-	8′-9″	11.3	-	-	-
6N	-	-	-	-	-	10′-3″	15.6	-	-	-
7N	8′-0″	4′-6″	2′-0″	6.3	6.9	11′-6″	19.6	-	-	-
8N	8′-9″	5′-6″	2′-0″	8.7	9.4	14′-3″	30.1	18′-6″	2′-6″	10.4
9N	8′-9″	5′-6″	2′-0″	8.7	9.4	16′-0″	37.9	16′-0″	2′-6″	9.0
10N	8′-9″	5′-6″	2′-0″	8.7	9.4	18′-3″	49.3	16′-0″	2′-6″	9.0
11N	10′-0″	5′-6″	2′-6″	10.8	12.0	-	-	21′-9″	2′-6″	12.2
12N	10′-0″	5′-6″	2′-6″	10.8	12.0	-	-	21′-6″	2′-6″	12.0
13N	11′-0″	5′-6″	2′-6″	11.3	12.7	-	-	22′-0″	3′-0″	17.7
14N	11′-0″	5′-6″	2′-6″	11.3	12.7	-	-	22′-0″	3′-0″	17.7
15N	12′-6″	6′-6″	3′-0″	17.3	19.7	-	-	27′-6″	3′-6″	30.0
16N	12′-6″	6′-6″	3′-0″	17.3	19.7	-	-	27′-6″	3′-6″	30.0

Standard foundations illustrated are for general information purposes only and are based on Rev F soil parameters. Foundation installation details are provided with tower assembly drawings.

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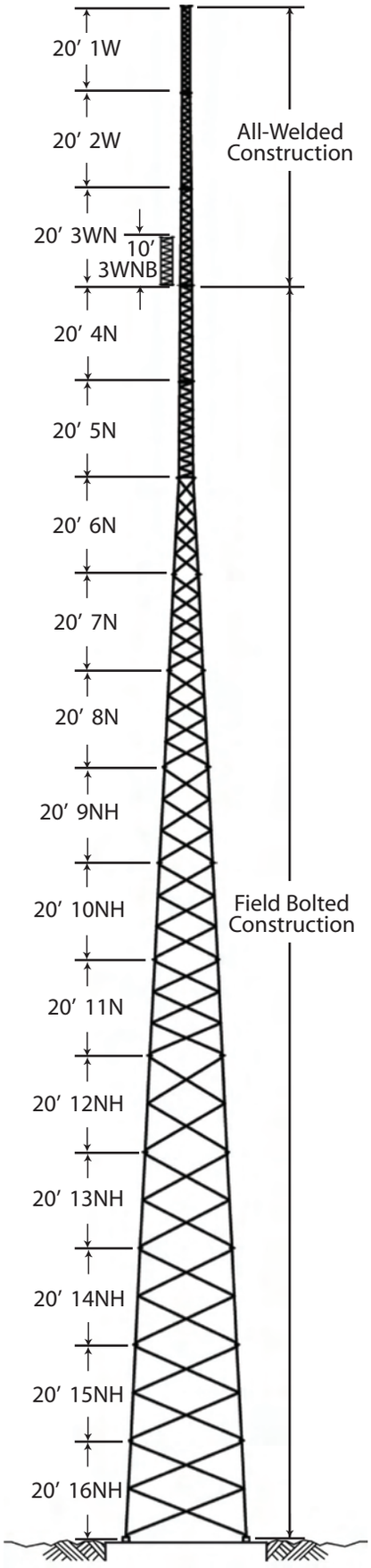
SSV HD SELF-SUPPORTING TOWERS



SSV
HEAVY DUTY

GENERAL USE

The ROHN SSV HD tower has the same features and utility as the SSV tower, but with Heavy Duty legs and braces. The heavy duty tower allows for the structure to support more loading and higher wind and ice loading. This tower serves the same applications as the SSV including: PCS, broadband, security, sports lighting and many others. The SSV HD also has standard "pre-engineered" towers created from standard sections. All ROHN SSV towers are hot-dip galvanized, inside and out for corrosion protection.

Section Number	Nominal Spread Dimension	
	Upper	Lower
1W	1′ - 2″	1′ - 2″
2W	1′ - 2″	1′ - 6″
3WN	1′ - 6″	1′ - 10″
3WNB	1′ - 10″	1′ - 10″
4N	1′ - 10″	2′ - 2″
5N	2′ - 2″	2′ - 6″
6N	2′ - 6″	4′ - 6 1/4″
7N	4′ - 6 1/4″	6′ - 6 3/4″
8N	6′ - 6 3/4″	8′ - 6 3/4″
9NH	8′ - 6 3/4″	10′ - 6 3/4″
10NH	10′ - 6 3/4″	12′ - 7 1/4″
11N	12′ - 7 1/4″	14′ - 7 7/8″
12NH	14′ - 7 7/8″	16′ - 8 3/8″
13NH	16′ - 8 3/8″	18′ - 8 3/8″
14NH	18′ - 8 3/8″	20′ - 9 3/8″
15NH	20′ - 9 3/8″	22′ - 9 3/8″
16NH	22′ - 9 3/8″	24′ - 9 3/8″

Per Rev G requirements, any structure greater than 10′ requires a climber safety device. Please contact ROHN for ordering information.

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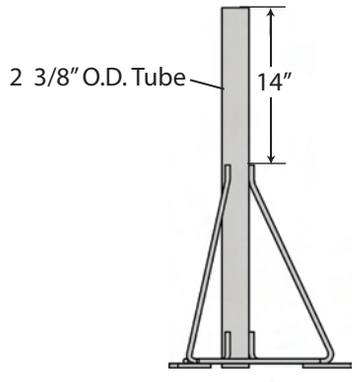
SELF-SUPPORTING HEAVY DUTY STANDARD TOWERS
40' - 190'
90 MPH REV. F [NO ICE]

Tower Height (ft.)	Tower Assembly Number	Tower Weight (lbs.)	Allowable Projected Area		Top Section	Base Section		
			Tower Top Rounds (Flats)	30' Below Top Rounds (Flats)		Section Number	Short Base P/N	A-Bolts (12 Req.)
40	SS040D90	853	16.7 (10)	20 (12)	3WN	4N	SB4	SB4
50	SS050D90	1198	16.7 (10)	20 (12)	3WNB	5N	SB5	SB5
60	SS060D90	1282	14.2 (8.5)	17.5 (10.5)	3WN	5N	SB5	SB5
70	SS070D90	1620	14.2 (8.5)	17.5 (10.5)	3WNB	6N	-	5/8X42AB
80	SS080D90	1704	12.5 (7.5)	15.8 (9.5)	3WN	6N	-	5/8X42AB
90	SS090D90	2206	12.5 (7.5)	15.8 (9.5)	3WNB	7N	-	5/8X42AB
100	SS100D90	2290	10 (6)	13.3 (8)	3WN	7N	-	5/8X42AB
110	SS110D90	2941	10 (6)	13.3 (8)	3WNB	8N	-	5/8X42AB
120	SS120D90	3025	8.3 (5)	11.7 (7)	3WN	8N	-	5/8X42AB
130	SS130D90	3829	8.3 (5)	11.7 (7)	3WNB	9NH	-	5/8X42AB
140	SS140D90	3913	6.7 (4)	10 (6)	3WN	9NH	-	5/8X42AB
150	SS150D90	4810	6.7 (4)	10 (6)	3WNB	10NH	-	3/4X48AB
160	SS160D90	4894	5.8 (3.5)	8.3 (5)	3WN	10NH	-	3/4X48AB
170	SS170D90	5712	5.8 (3.5)	8.3 (5)	3WNB	11N	-	7/8X60AB
180	SS180D90	5796	5 (3)	7.5 (4.5)	3WN	11N	-	7/8X60AB
190	SS190D90	8045	5 (3)	7.5 (4.5)	3WNB	12NH	-	7/8X60AB

General Notes:

1. Standard tower designs are in accordance with approved national standard ANSI/EIA-222-F (no ice).
2. Equivalent flat-plate antenna areas based on EIA RS-222-C, must not exceed the areas shown for flat members.
3. Tower designs assume allowable projected areas are symmetrically placed on the tower.
4. Designs assume one 7/8 line to top and two 7/8 lines to 30 feet below top, one line on each face.
5. All towers are provided with a tapered top.
6. A Rev F grounding kit is provided with each tower.
7. Assembly drawings and standard foundation details are supplied with the tower.
8. Custom designs for site-specific applications are available upon request.



Tapered Top

Assy. P/N	Tower Section No.
1TT	1W, 1WB, 2W
3TT	2WST, 2WB, 3WN
4TTN	3WNST, 3WNB, 4N
5TTN	4NST, 4NA, 4WB, 4NC, 5N
6TT	5NST, 5NA, 5NB, 5NC, 6C

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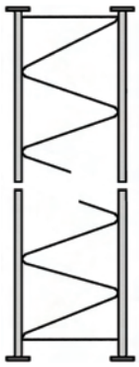
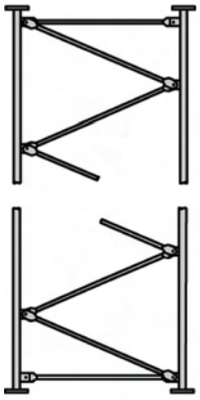
SELF-SUPPORTING
HEAVY DUTY SECTIONS



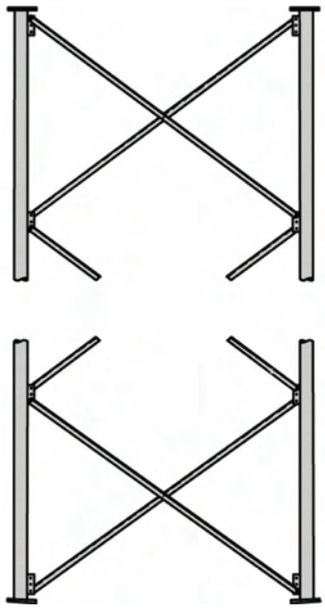
Bracing Detail for Sections 1W - 3WN
Solid Round Legs & Solid Round Braces

Straight and Tapered Sections available.

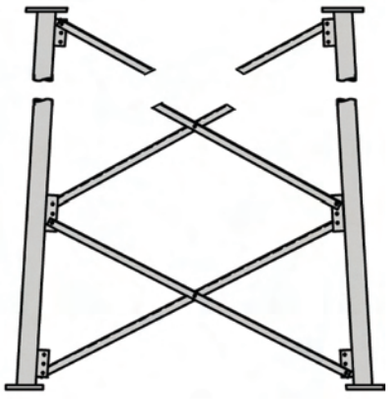


Bracing Detail for Sections 4N & 5N
Solid Round Legs & Solid Round Braces

Straight and Tapered Sections available.

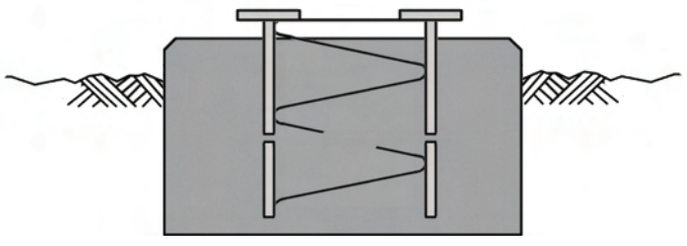


Bracing Detail for Straight Sections 6N - 11N
Tubular Legs & Angle Braces



Bracing Detail for Tapered Sections 6N - 16NH
Tubular Legs & Angle Braces

TYPICAL SHORT BASE



Part No: SB2, SB3, SB4 & SB5
Installed when 2N - 5N sections are used as tower base.

Anchor bolt configurations are provided with larger towers.

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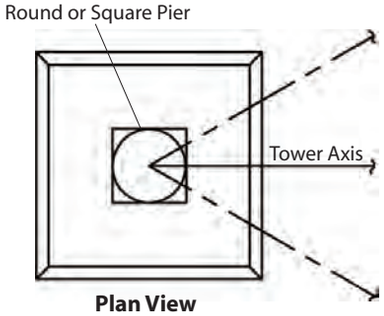
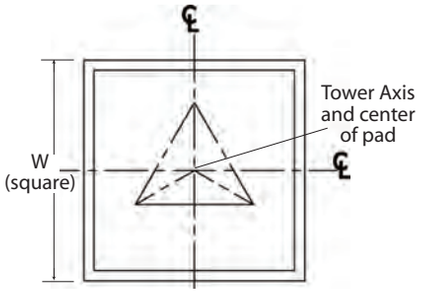
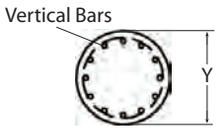
SELF-SUPPORTING
HEAVY DUTY STANDARD FOUNDATIONS



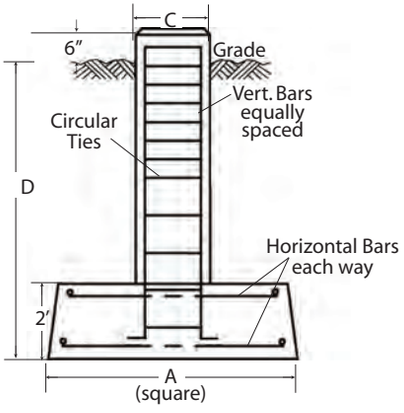
Plan View



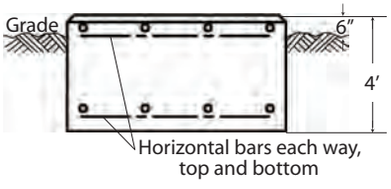
Plan View



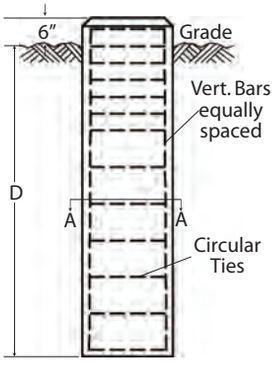
Section A-A



Pier & Pad
Elevation View



Mat
Elevation View



Drilled Pier
Elevation View

Tower Base Sect. No.	Pier & Pad					Mat		Drilled Pier		
	Dimensions			Req'd Conc. (cu.yds. 3 fdns)		W	Req'd Conc. (cu.yds.)	D	Y	Req'd Conc. (cu.yds.)
	D	A	C	Round	Square					
1W	-	-	-	-	-	4′ - 0″	2.4	-	-	-
2W	-	-	-	-	-	5′ - 6″	4.5	-	-	-
3WN	-	-	-	-	-	6′ - 9″	6.8	-	-	-
4N	-	-	-	-	-	8′ - 0″	9.5	-	-	-
5N	-	-	-	-	-	8′ - 9″	11.3	-	-	-
6N	-	-	-	-	-	10′ - 3″	15.6	-	-	-
7N	8′ - 0″	4′ - 6″	2′ - 0″	6.3	6.9	11′ - 6″	19.6	-	-	-
8N	8′ - 9″	5′ - 6″	2′ - 0″	8.7	9.4	14′ - 3″	30.1	18′ - 6″	2′ - 6″	10.4
9NH	9′ - 0″	5′ - 6″	2′ - 0″	8.8	9.5	16′ - 0″	37.9	19′ - 6″	2′ - 6″	10.9
10NH	9′ - 0″	5′ - 6″	2′ - 0″	8.8	9.5	18′ - 3″	49.3	19′ - 6″	2′ - 6″	10.9
11N	10′ - 0″	5′ - 6″	2′ - 6″	10.8	12.0	-	-	21′ - 9″	2′ - 6″	12.2
12NH	11′ - 0″	5′ - 6″	2′ - 6″	11.3	12.7	-	-	22′ - 9″	3′ - 0″	18.3
13NH	12′ - 0″	6′ - 3″	3′ - 0″	16.3	18.5	-	-	25′ - 0″	3′ - 6″	27.3
14NH	12′ - 0″	6′ - 3″	3′ - 0″	16.3	18.5	-	-	25′ - 0″	3′ - 6″	27.3
15NH	13′ - 0″	7′ - 3″	3′ - 0″	19.9	22.4	-	-	30′ - 0″	4′ - 0″	42.6
16NH	13′ - 0″	7′ - 3″	3′ - 0″	19.9	22.4	-	-	30′ - 0″	4′ - 0″	42.6

Standard foundations illustrated are for general information purposes only and are based on Rev F soil parameters. Foundation installation details are provided with tower assembly drawings.

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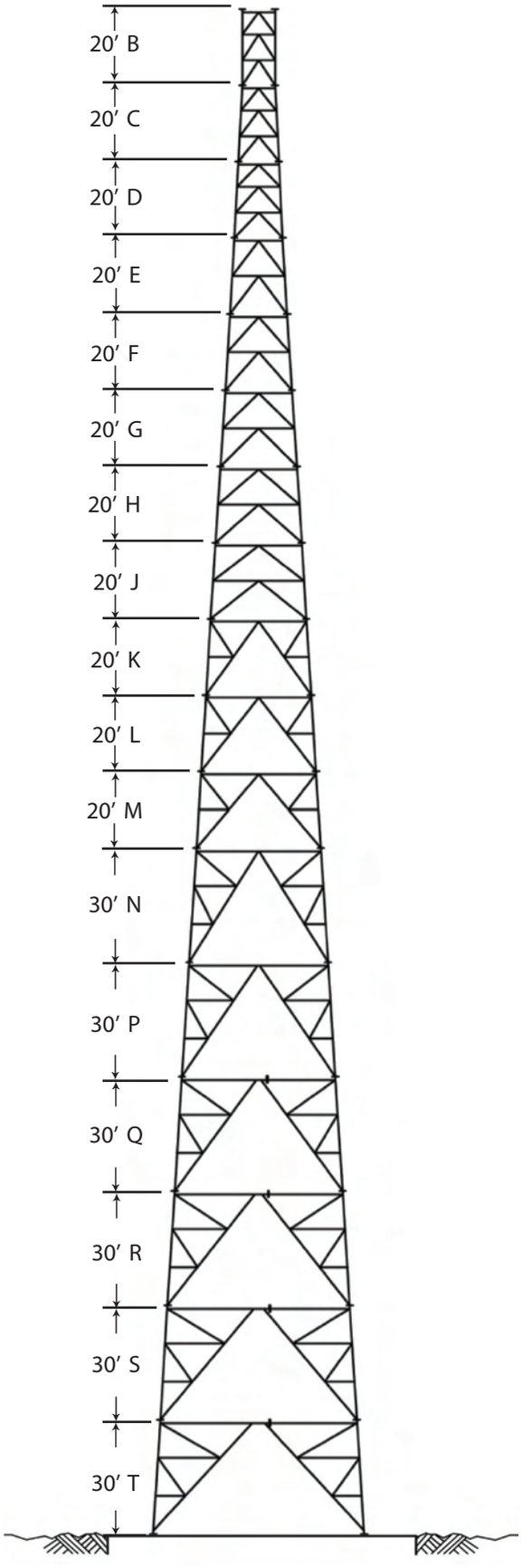
SSMW SELF-SUPPORTING TOWERS



SSMW

GENERAL USE

The ROHN SSMW tower is a unique design using a K-Brace system with horizontal plan bracing to allow free standing towers to reach heights to 900'. The SSMW is designed with pipe legs and pipe braces with flanges at each end for connection. The SSMW tower design can be used in conjunction with the SSV tower. All SSMW towers are hot-dip galvanized, inside and out for corrosion protection.

Section Number	Nominal Spread Dimension	
	Upper	Lower
B	8' - 6 1/2"	8' - 6 1/2"
C	8' - 6 1/2"	10' - 7"
D	10' - 7"	12' - 7 1/2"
E	12' - 7 1/2"	14' - 11 1/2"
F	14' - 11 1/2"	17' - 5 1/2"
G	17' - 5 1/2"	19' - 11 1/2"
H	19' - 11 1/2"	22' - 6 1/2"
J	22' - 6 1/2"	25' - 0 1/2"
K	25' - 0 1/2"	27' - 6 1/2"
L	27' - 6 1/2"	30' - 0 1/2"
M	30' - 0 1/2"	32' - 6 1/2"
N	32' - 6 1/2"	36' - 3 1/2"
P	36' - 3 1/2"	40' - 2 1/8"
Q	40' - 2 1/8"	43' - 11 1/8"
R	43' - 11 1/8"	47' - 8 1/8"
S	47' - 8 1/8"	51' - 5 1/8"
T	51' - 5 1/8"	55' - 2 1/8"

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

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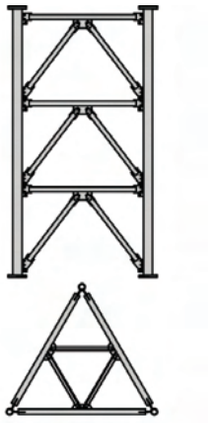
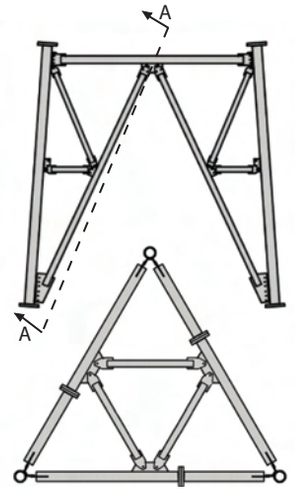
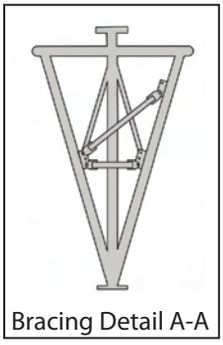
SELF-SUPPORTING
SSMW SECTIONS



Typical section assembly detail for sections B, C & D. Section E, F, G, H & J are identical except for the number of bays of bracing.

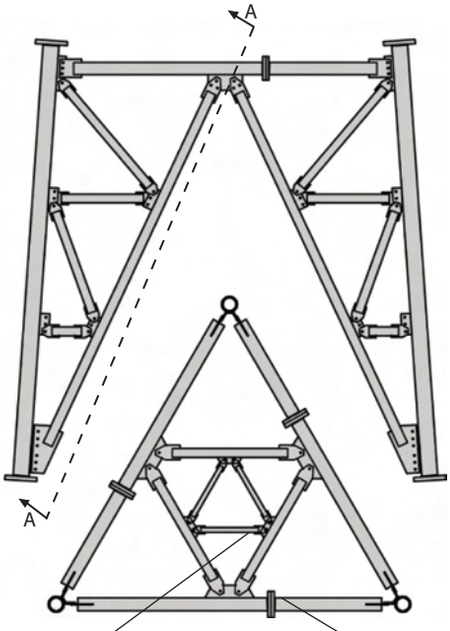


Typical section assembly detail for sections K, L & M.



Bracing Detail A-A

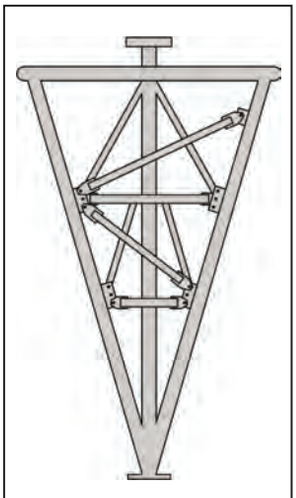
SSMW SECTIONS
Sections are designed for many different sizes of braces and legs.



Typical section assembly detail for sections N, P, Q, R, S & T.

Secondary horizontal sub-bracing are used on sections Q, R, S & T.

Bracing splice connections are used on sections Q through T.



Bracing Detail A-A

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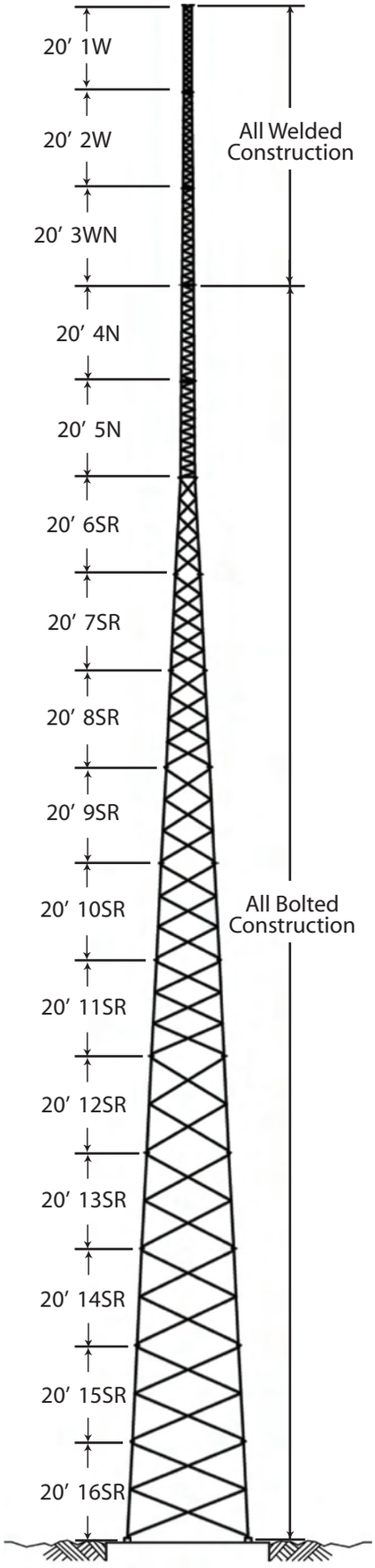
SSVSR SELF-SUPPORTING TOWERS



SSVSR

GENERAL USE

The ROHN SSVSR tower is similar in design to the ROHN SSV tower, but uses solid round legs instead of tubular legs. The SSVSR tower gives the versatility to switch to a solid leg, if desired. The standard side arms, dish mounts, ladders and waveguide supports that are used on the SSV tower can be used on the SSVSR tower. All SSVSR towers are hot-dip galvanized for corrosion protection.

Section Number	Nominal Spread Dimension	
	Upper	Lower
1W	1′ - 2″	1′ - 2″
2W	1′ - 2″	1′ - 6″
3WN	1′ - 6″	1′ - 10″
4N	1′ - 10″	2′ - 2″
5N	2′ - 2″	2′ - 6″
6SR	2′ - 6″	4′ - 6 1/4″
7SR	4′ - 6 1/4″	6′ - 6 3/4″
8SR	6′ - 6 3/4″	8′ - 6 3/4″
9SR	8′ - 6 3/4″	10′ - 6 3/4″
10SR	10′ - 6 3/4″	12′ - 7 1/4″
11SR	12′ - 7 1/4″	14′ - 7 7/8″
12SR	14′ - 7 7/8″	16′ - 8 3/8″
13SR	16′ - 8 3/8″	18′ - 8 3/8″
14SR	18′ - 8 3/8″	20′ - 9 3/8″
15SR	20′ - 9 3/8″	22′ - 9 3/8″
16SR	22′ - 9 3/8″	24′ - 9 3/8″

Per Rev G requirements, any structure greater than 10′ requires a climber safety device. Please contact ROHN for ordering information.

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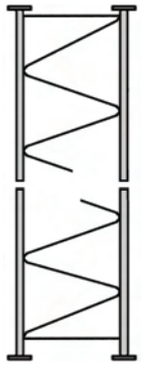
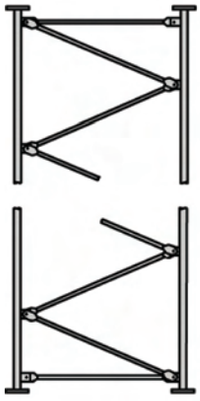
SELF-SUPPORTING
SOLID ROUND LEG SECTIONS



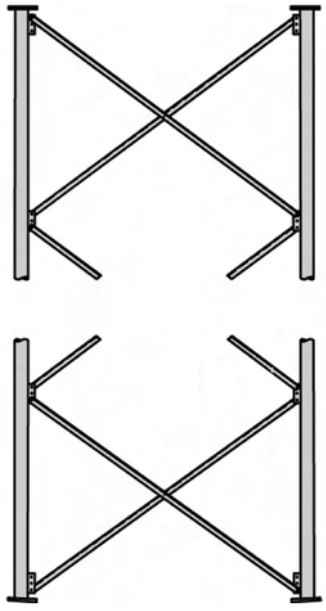
Bracing Detail for Sections 1W - 3WN
Solid Round Legs & Solid Round Braces

Straight and Tapered Sections available.

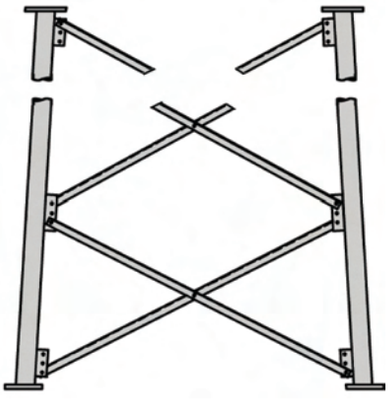


Bracing Detail for Sections 4N & 5N
Solid Round Legs & Solid Round Braces

Straight and Tapered Sections available.

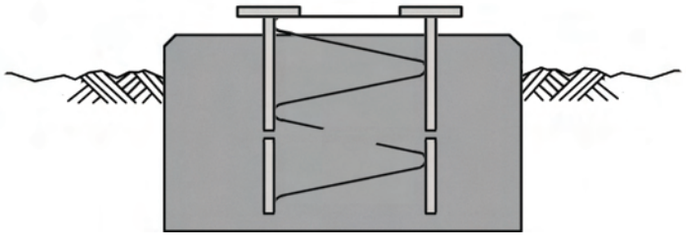


Bracing Detail for Straight Sections 6SR & 11SR
Solid Round Legs & Angle Braces



Bracing Detail for Tapered Sections 6SR - 16SR
Solid Round Legs & Angle Braces

TYPICAL SHORT BASE



Part No: SB2, SB3, SB4 & SB5
Installed when 2N - 5N sections are used as tower base.

Anchor bolt configurations are provided with larger towers.

SSVSR SECTIONS

Sections are designed for many different sizes of braces and legs.

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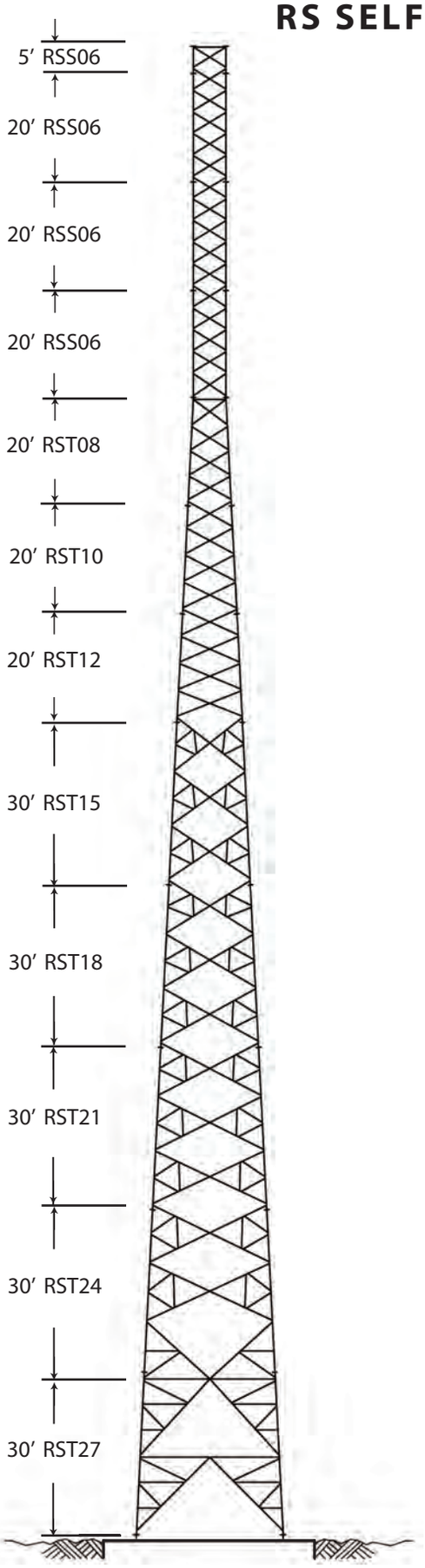
RS SELF-SUPPORTING TOWERS



RS

GENERAL USE

The ROHN RS tower is a unique solid round leg tower that uses angle braces in an X-Brace pattern. The RS tower is custom designed with standard components to shorten lead times. All RS towers are hot-dip galvanized for corrosion protection.

Section Number	Nominal Spread Dimension	
	Upper	Lower
RSS06	6′	6′
RST08	6′	8′
RST10	8′	10′
RST12	10′	12′
RST15	12′	15′
RST18	15′	18′
RST21	18′	21′
RST24	21′	24′
RST27	24′	27′

Per Rev G requirements, any structure greater than 10′ requires a climber safety device. Please contact ROHN for ordering information.

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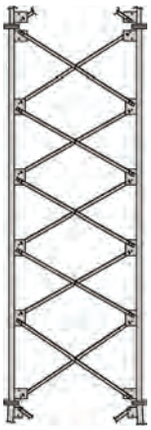
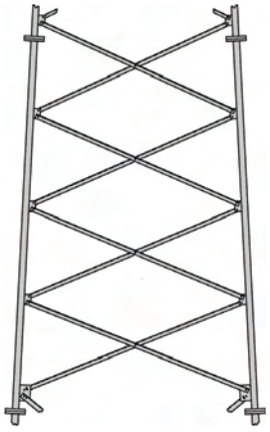
SELF-SUPPORTING
RS SECTIONS

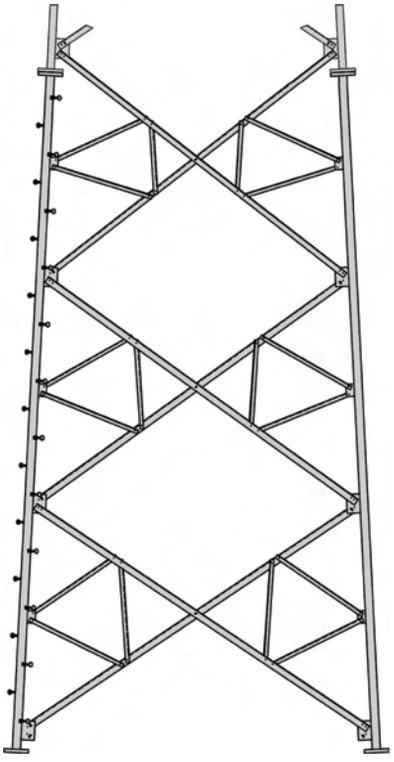


RSS 20′ Straight Section
Solid Round Legs & Angle Braces

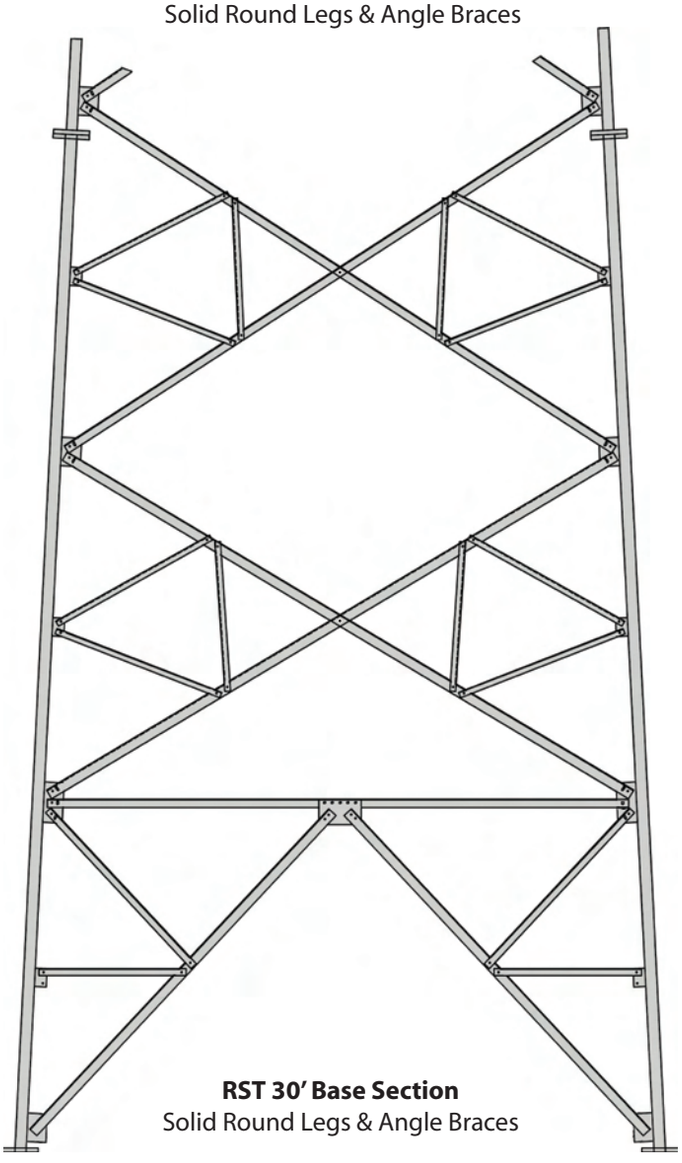


RST 20′ Tapered Section
Solid Round Legs & Angle Braces

RS SECTIONS
Sections are designed for many different sizes of braces and legs.



RST 30′ Tapered Section
Solid Round Legs & Angle Braces



RST 30′ Base Section
Solid Round Legs & Angle Braces

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