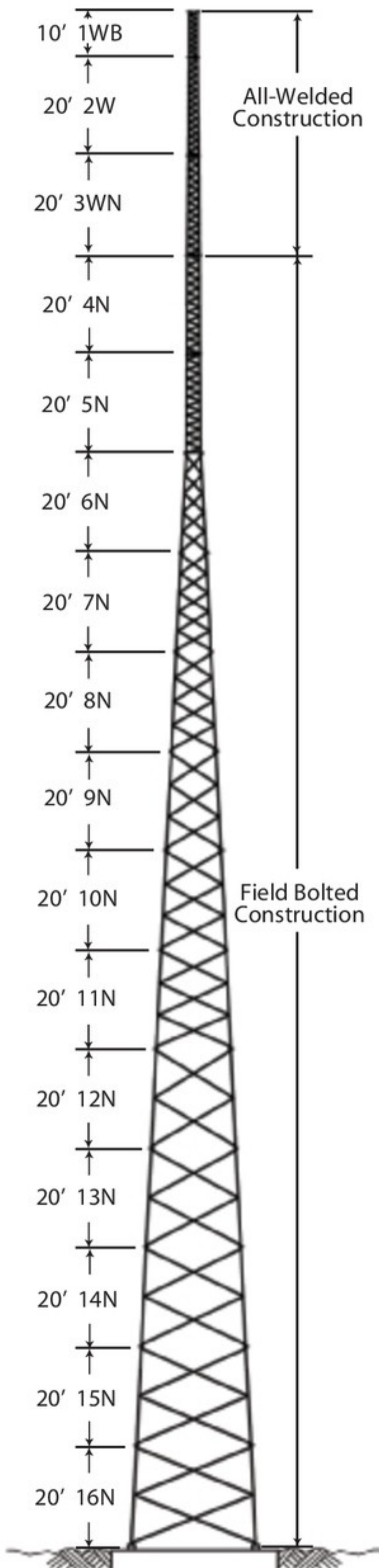




SSV SELF-SUPPORTING TOWERS

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 SSV 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"

*Do not use for construction.
See tower assembly drawings.*

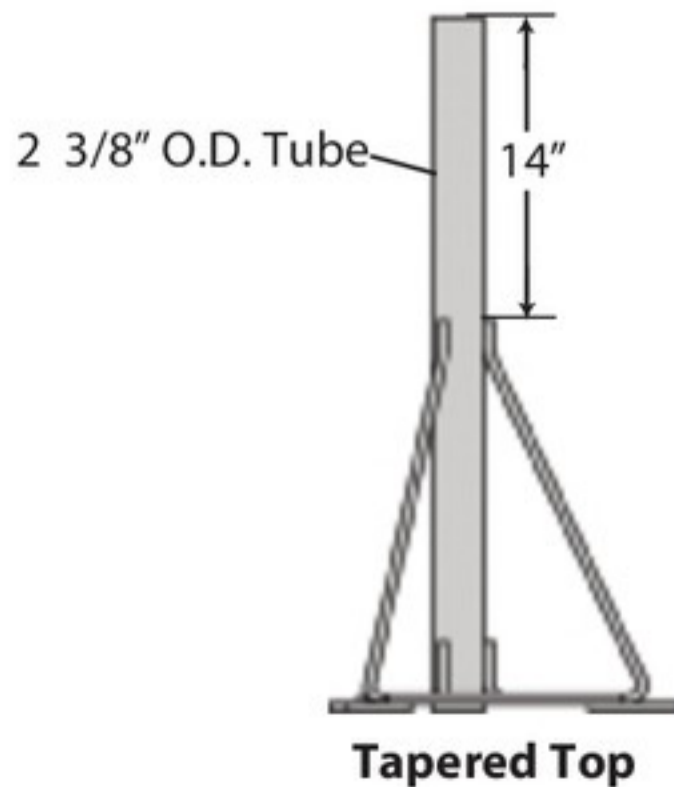
Per Rev G requirements, any structure greater than 10' requires a climber safety device. Please contact ROHN for ordering information.

SELF-SUPPORTING STANDARD TOWERS

REV G, 90 MPH 3-SEC, 3/4" ICE							
TOWER HEIGHT (FT.)	TOWER ASSEMBLY NUMBER	SECTIONS		EFFECTIVE PROJECTED AREA (SQ. FT.)			
		TOP	BASE	TOP		30' BELOW TOP	
				EXP B	EXP C	EXP B	EXP C
40	SS040R90	2W	3WN	18	13	31	19
50	SS050R90	1WB	3WN	7	5	12	7
60	SS060R90	2W	4N	15	10	25	16
70	SS070R90	1WB	4N	6	4	10	5
80	SS080R90	2W	5N	13	9	22	14
90	SS090R90	1WB	5N	5	3	8	5
100	SS100R90	2W	6N62	11	7	18	11
110	SS110R90	1WB	6N62	4	2	7	3
120	SS120R90	2W	7N165	10	6	17	10
130	SS130R90	1WB	7N165	4	2	7	3
140	SS140R90	2W	8N106	9	4	15	7
150	SS150R90	1WB	8N106	5	2	8	3
160	SS160R90	2W	9N325	8	-	14	-
170	SS170R90	1WB	9N325	5	-	8	-
180	SS180R90	2W	10N387	4	-	6	-

General Notes:

1. Standard tower designs are in accordance with approved national standard ANSI/TIA-222-G, Structure Class II, Topographic Category 1, 3/4" design ice thickness, seismic coefficient $S_s \leq 1.0$.
2. Tower designs assume allowable projected areas are symmetrically placed on the tower.
3. Designs assume one 7/8 line to top and two 7/8 lines to 30 feet below top, one line on each face.
4. All towers are provided with step bolts and a tapered top.
5. Grounding kit must be ordered separately.
6. Assembly drawings and standard foundation details are supplied with the tower.
7. Custom designs for site-specific applications are available upon request.



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



SELF-SUPPORTING STANDARD TOWERS

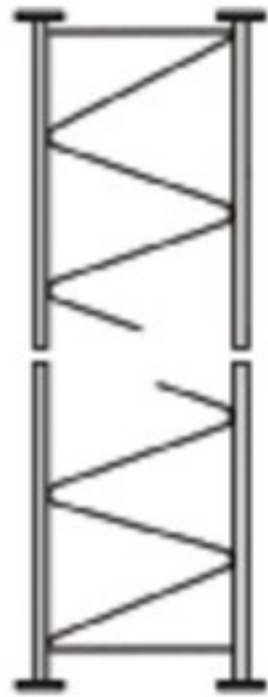
REV G, 100 MPH 3-SEC, 3/4" ICE							
TOWER HEIGHT (FT.)	TOWER ASSEMBLY NUMBER	SECTIONS		EFFECTIVE PROJECTED AREA (SQ. FT.)			
		TOP	BASE	TOP		30' BELOW TOP	
				EXP B	EXP C	EXP B	EXP C
40	SS040R100	2W	3WN	14	10	24	15
50	SS050R100	1WB	3WN	5	3	8	5
60	SS060R100	2W	4N	11	7	18	12
70	SS070R100	1WB	4N	4	2	7	3
80	SS080R100	2W	5N	10	6	17	10
90	SS090R100	1WB	5N	3	2	5	2
100	SS100R100	2W	6N62	7	4	12	6
110	SS110R100	1WB	6N62	3	2	5	-
120	SS120R100	2W	7N165	6	2	10	3
130	SS130R100	1WB	7N165	2	-	3	-
140	SS140R100	2W	8N106	5	-	8	-
150	SS150R100	1WB	8N106	3	-	5	-
160	SS160R100	2W	9N325	4	-	6	-
170	SS170R100	1WB	9N325	2	-	2	-

General Notes:

1. Standard tower designs are in accordance with approved national standard ANSI/TIA-222-G, Structure Class II, Topographic Category 1, 3/4" design ice thickness, seismic coefficient $S_s \leq 1.0$.
2. Tower designs assume allowable projected areas are symmetrically placed on the tower.
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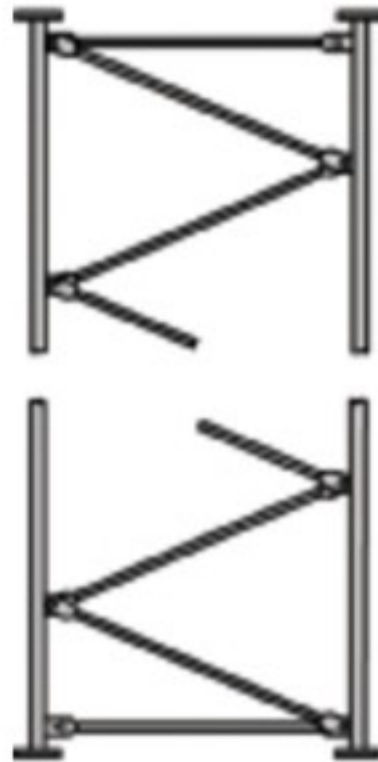


SELF-SUPPORTING HEAVY DUTY SECTIONS



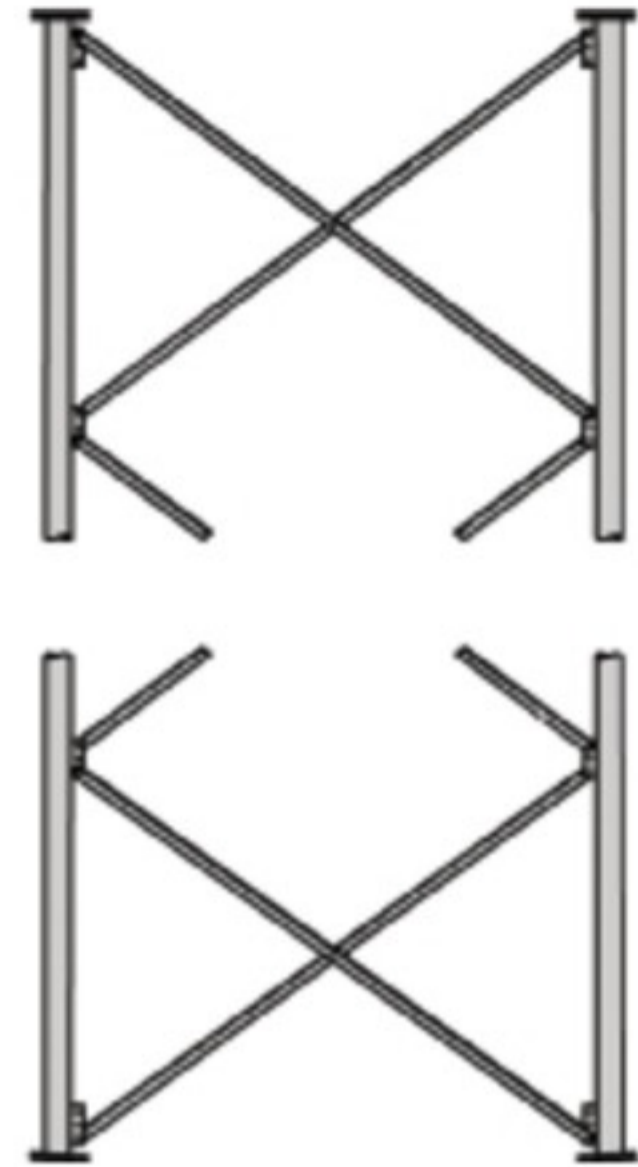
Bracing Detail for Sections 1W - 3WN
Solid Round Legs & Solid Round Braces

Straight and Tapered Sections available.



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

Straight and Tapered Sections available.

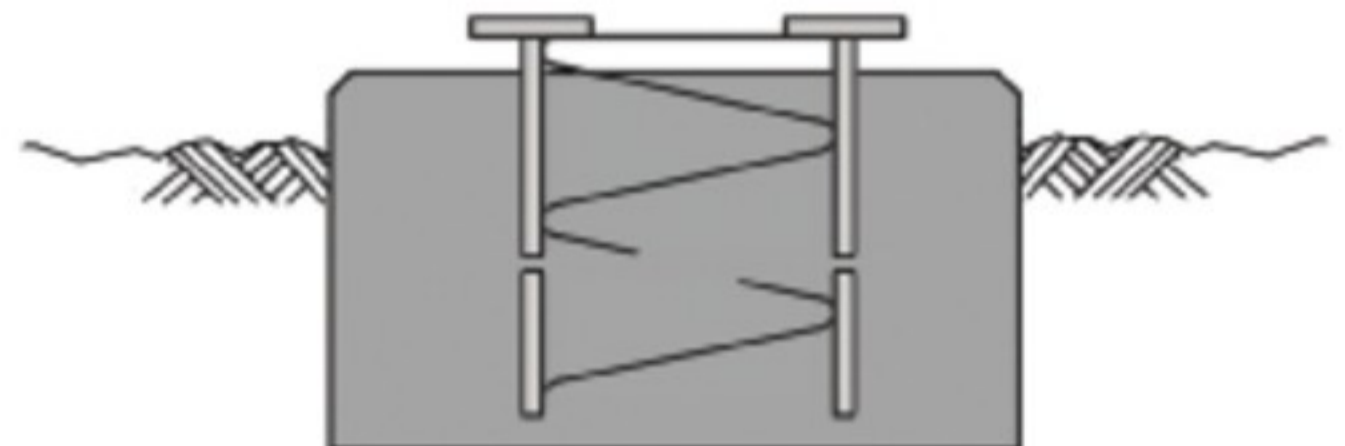


Bracing Detail for Straight Sections 6N - 11N
Tubular Legs & Angle Braces



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.