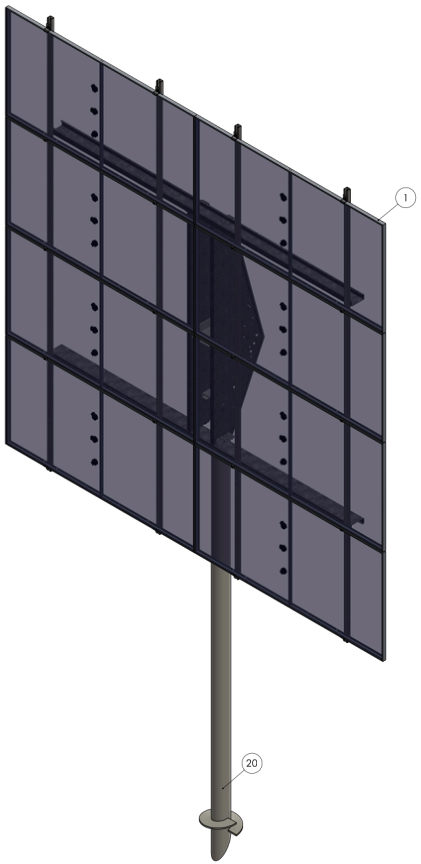
MP- 8L • 2 Columns • 8 Solar Panels• Landscape Layout

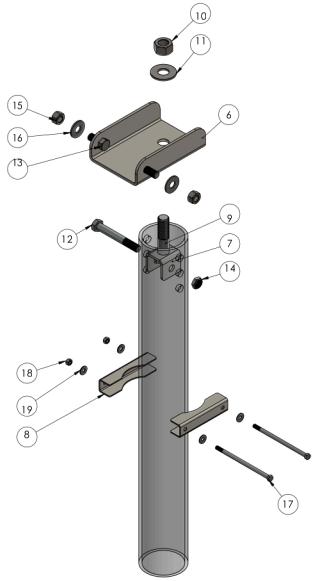
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SOLAR PANEL	SOLAR PANEL 1133mm X 2256/2278mm	8
2	BEAM_12GA-MONOPOLE-8P	12 GA MAIN BEAM	2
3	PIVOT SUNRANGER_UNIVERSAL EAST	12GA PIVOT PLATE - EAST	1
4	PIVOT SUNRANGER_UNIVERSAL WEST	12GA PIVOT PLATE - WEST	1
5	PURLIN	PANEL CHANNEL	4
6	PILE PIVOT ADAPTER	CUSTOM FORMED CHANNEL	1
7	PILE INSERT	PILE INSERT FOR 1 1/2" BOLT AND 1" BOLT	1
8	6 NPS PILE SADDLE	PILE SADDLE - 6 NPS PILE TO PIVOT PLATE	2
9	91283A460 (1 1/2" X 6" UNC GR5 BOLT)	MEDIUM-STRENGTH GRADE 5 STEEL HEX HEAD BOLT	1
10	1 1/2" UNC GR5 NUT	MEDIUM-STRENGTH GRADE 5 STEEL HEX HEAD NUT	1
11	1 1/2" GR5 FLAT WASHER	MEDIUM-STRENGTH GRADE 5 STEEL FLAT WASHER	1
12	91247A931 (1" X 7 1/2" UNC GR5 BOLT)	MEDIUM-STRENGTH GRADE 5 STEEL HEX HEAD BOLT	1
13	1" X 2 1/4" UNC GR5 BOLT	MEDIUM-STRENGTH GRADE 5 STEEL HEX HEAD BOLT	2
14	91342A260 (1" UNC GR5 NYLOCK NUT)	MEDIUM-STRENGTH STEEL THIN NYLON-INSERT LOCKNUT	1
15	1" UNC GR5 NUT	MEDIUM-STRENGTH GRADE 5 STEEL HEX HEAD NUT	2
16	1" GR5 FLAT WASHER	MEDIUM-STRENGTH GRADE 5 STEEL FLAT WASHER	2
17	1/2" X 10" UNC GR5 BOLT	MEDIUM-STRENGTH GRADE 5 STEEL HEX HEAD BOLT	2
18	1/2" UNC GR5 NUT	MEDIUM-STRENGTH GRADE 5 STEEL HEX HEAD NUT	2
19	1/2" GR5 FLAT WASHER	MEDIUM-STRENGTH GRADE 5 STEEL FLAT WASHER	4
20	6 NPS PILE	6 NPS HELICAL SCREW PILE	1

NOTE: MONO RACKING HARWARE AND SMALL PARTS NOT INCLUDED IN THE ABOVE BILL OF MATERIALS

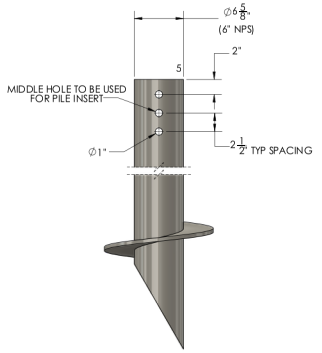


Isometric View - With Solar Panels
Scale 1:20

Isometric View - Frame Only
Scale 1:20



Exploded View - Pile Connection Detail
Scale 1:8



Elevation View - Pile Detail
Scale 1:8

MFG. TOLERANCES FABRICATING FRACTIONAL ± 1/8 DECIMAL ± .125 ANGULAR ± 1°	© AZGARD SOLAR INC. ALL RIGHTS RESERVED THIS DESIGN IS THE PROPERTY OF AZGARD SOLAR INC. THE INFORMATION AND KNOW-HOW HEREIN MAY NOT BE USED, NOR MAY THE DRAWING BE REPRODUCED, EXCEPT WITH THE WRITTEN PERMISSION OF AZGARD SOLAR INC. UNAUTHORIZED REPRODUCTION, IN WHOLE OR IN PART IS PROHIBITED Manufacturing Standard Notes: 1. DE-BURR ALL PARTS 2. ALL THREADS TO BE CLASS 2A/2B UNLESS STATED OTHERWISE 3. CLEAN, DE-GREASE 4. FLAT PATTERNS ARE BASED ON A 0.46 K-FACTOR AND ARE REFERENCE ONLY 5. COLD-FORMED STEEL THICKNESS ± 10% AS PER S136 CODE	DRAWN BY: RWN CREATED DATE: Oct 12, 2024 WEIGHT: ISSUE DATE: APPROVED BY: THIRD ANGLE SIZE: D	AZGARD SOLAR INC. #2, 34-WRANGLER PLACE CALGARY, ALBERTA T3X 0L7 APEGA PERMIT#P09121 Pole Mounted Racking 8 Panel Landscape - 1133mm x 2256/2278mm General Arrangement DRAWING NO: MONO POLE8PGA_r1 REV: 1