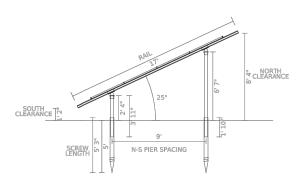


345 Rawls Club Road (#996129) // IRONRIDGE 28357 INDUSTRIAL BLVD., HAYWARD, CA 94545 Sub array #1 4 Columns 10 Repeats 58' 1" (EW) \times 14' (NS) XR1000 Area Rail type Diagonal bracing 10' 4" 3' 6" E/W spacing Rail cantilever Pipe cantilever Piers/repeat 12 **Total south piers** 12 (3' 11") **Total north piers** 377' 3" 4 (58' 1") **Total pipe length** Total cross pipes Shear 1,138 lbs 2,845 ft-lbs Uplift Moment 10' 4" E-W PIER SPACING



CROSS PIPE LENGTH

Last updated by Kevin Ochoa on 07/20/22 04:29 PM

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2

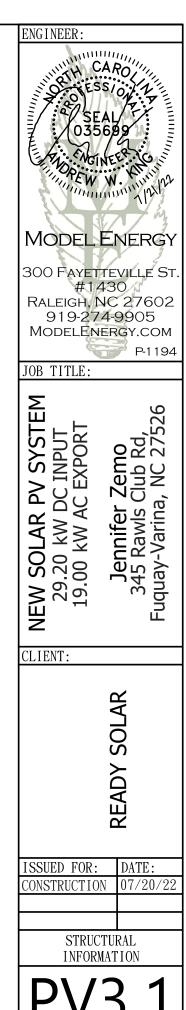
no

3' 3"

12 (8' 2")

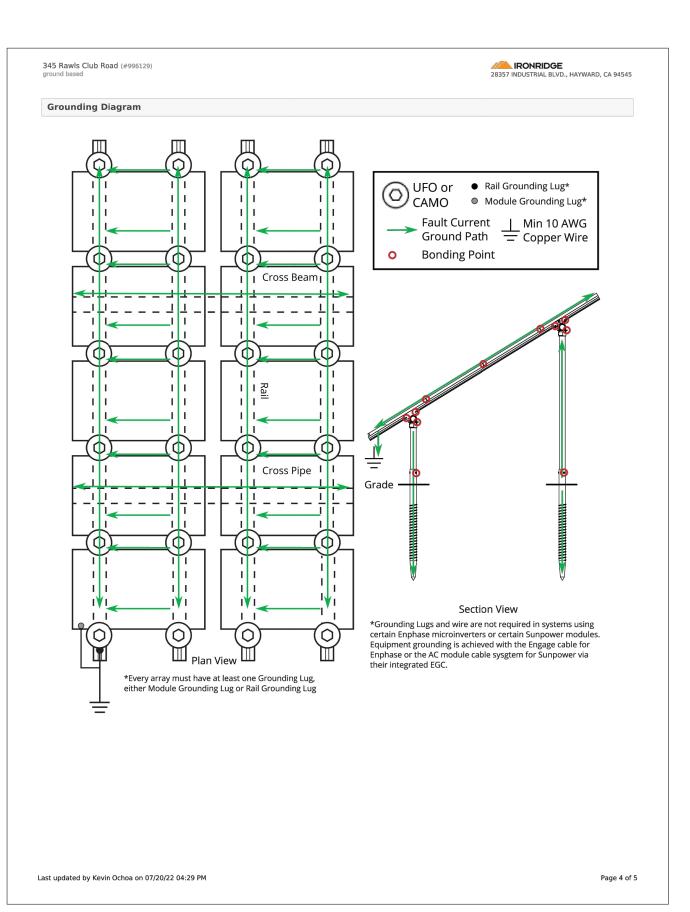
-1,430 lbs

THE STRUCTURAL INFORMATION CONTAINED IN THE PLANS ON THIS SHEET WAS NOT PRODUCED OR VALIDATED BY MODEL ENERGY, PLLC. IT IS SHOWN AS PART OF THESE CONSTRUCTION DOCUMENTS FOR PERMITTING PURPOSES ONLY.



NOTE:

GROUND MOUNT DETAILS



245 Rawls Club Road (#996129) round based		IRONRIDGE 28357 INDUSTRIAL BLVD., HAYWARD, CA 9454
Bill of Materials		
Part	Spares	Total Qty
Rails		
XR-1000-204A XR1000, Rail 204" (17 Feet) Clear	0	40
Clamps & Grounding		
UFO-CL-01-A1 Universal Module Clamp, Clear	0	200
UFO-STP-35MM-M1 Stopper Sleeve, 35MM, Mill	0	80
XR-LUG-03-A1 Grounding Lug, Low Profile	0	2
Substructure		
70-0300-SGA SGA Top Cap at 3"	0	24
GM-BRC-003 Ground Mount Bonded Rail Connector - 3"	0	80
GM-HSHW-01-M1 Hex Head Set Screw	0	96
Accessories		
29-4000-077 Wire Clips, Molded PVC Black, Polybag 20	0	8
XR-1000-CAP Kit, End Cap XR1000 (10 sets per bag)	0	4
BHW-MI-01-A1 Microinverter/MLPE Bonding Hardware, T-Bolt	0	82
QM-JBX-RL01-B1 JayBox, Rail-Mounted	0	1

NOTE:

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2 GROUND MOUNT DETAILS
SCALE: NTS

ENGINEER: MODEL ENERGY 300 FAYETTEVILLE ST. #1430 Raleigh, NC 27602 919-274-9905 MODELENERGY.COM P-1194 JOB TITLE: NEW SOLAR PV SYSTEM 29.20 kW DC INPUT 19.00 kW AC EXPORT Jennifer Zemo 345 Rawls Club Rd, Fuquay-Varina, NC 27526 CLIENT: READY SOLAR ISSUED FOR: DATE: CONSTRUCTION 07/20/22

CONSTRUCTION

STRUCTURAL INFORMATION

PV3.2