

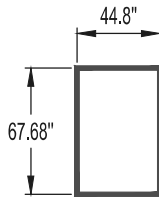
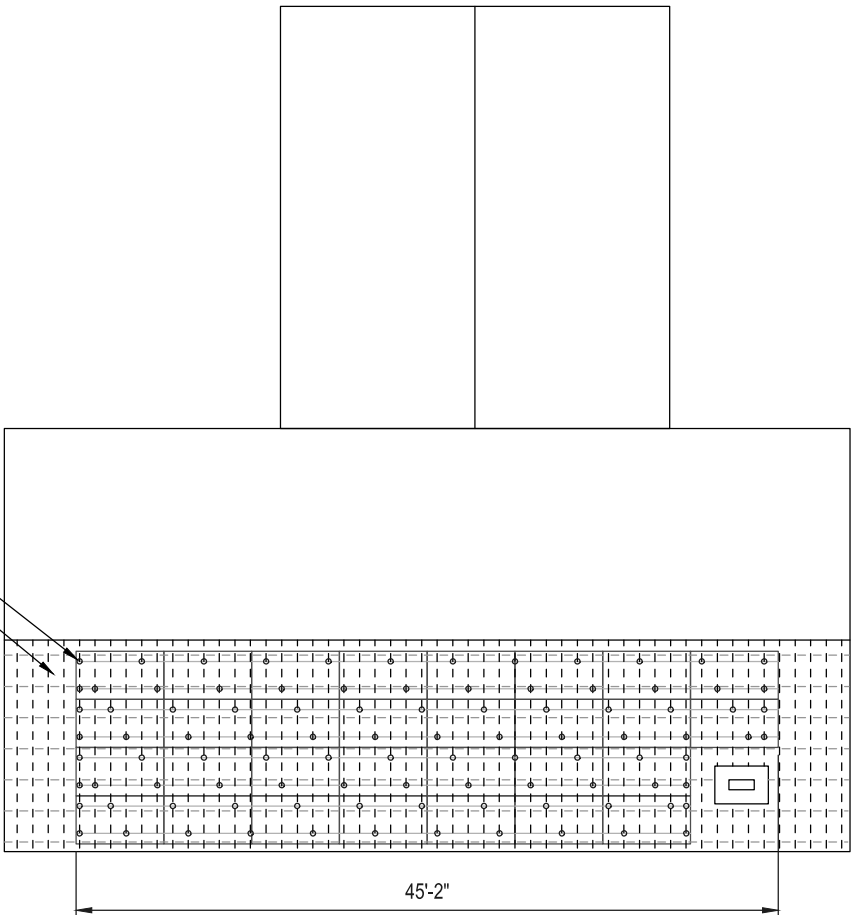
GENERAL NOTES

- 1. FIELD VERIFY ALL MEASUREMENTS
- 2. ITEMS BELOW MAY NOT BE ON THIS PAGE

--- METAL RIBS
--- PURLINS

FLUSH MOUNT SOLAR MODULES
ATTACHED TO ROOF SURFACE (SEE
SHEET PV-7 FOR MOUNTING DETAILS)

ROOF MATERIAL IS METAL

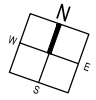


MODULE:
HYUNDAI ENERGI
SOLUTION
HIE-S410VG
410 WATTS

01

SOLAR ATTACHMENT PLAN

1/8" = 1'-0"



CONTRACTOR
E AND M SOLAR LLC
ADDRESS: FORT COLLINS, CO
PHONE:
CONTRACTOR #:



PRATT RESIDENCE

RESIDENTIAL GRID INTERACTIVE SOLAR INSTALLATION
26730 COUNTY ROAD 14, STEAMBOAT SPRINGS, CO 80487
APN: 116100002

SOLAR ATTACHMENT PLAN

SYSTEM AC SIZE @ STC: 8.700 kW
(30) HYUNDAI ENERGI SOLUTION HIE-S410VG
(30) ENPHASE IQ8PLUS-72-2-US

SYSTEM DC SIZE @ STC: 12.300 kW

DRAWN BY:
V.G.

REV:

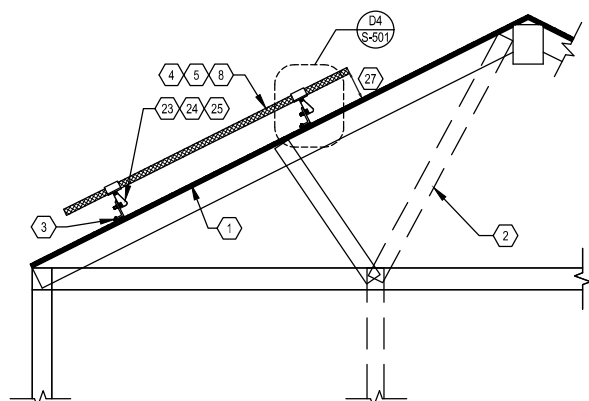
DATE:
03.23.2025

PAGE:

PV-3

GENERAL NOTES

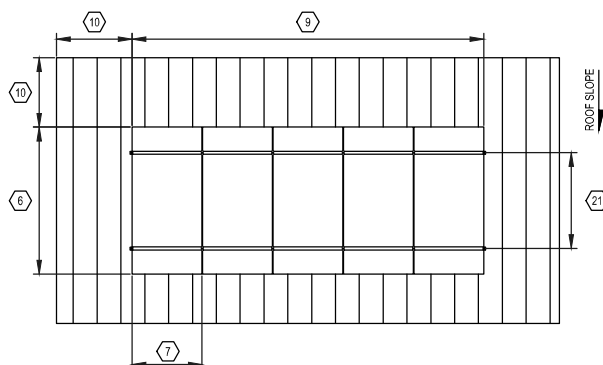
1. FIELD VERIFY ALL MEASUREMENTS



D1

RACKING DETAIL (TRANSVERSE)

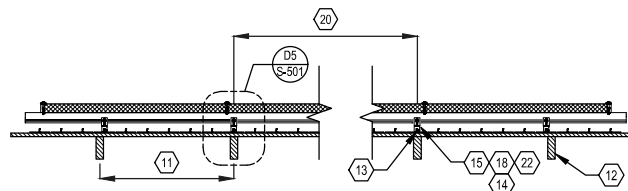
NOT TO SCALE



D3

RACKING DETAIL (TOP)

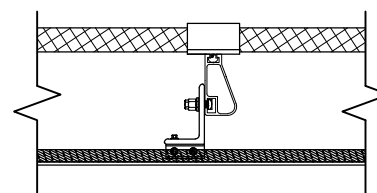
NOT TO SCALE



D2

RACKING DETAIL (LONGITUDINAL)

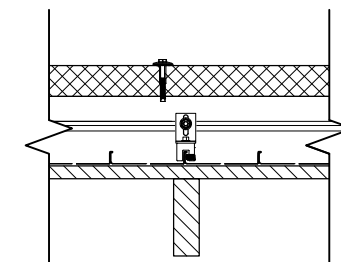
NOT TO SCALE



D4

DETAIL (TRANSVERSE)

NOT TO SCALE



D5

DETAIL (LONGITUDINAL)

NOT TO SCALE

SHEET KEYNOTES

1. ROOF MATERIAL: METAL
2. ROOF STRUCTURE: PURLINS
3. ATTACHMENT TYPE: S-51 S-5-S CLAMP
4. MODULE MANUFACTURER: HYUNDAI ENERGII SOLUTION
5. MODULE MODEL: HIE-S410VG
6. MODULE LENGTH: 67.68"
7. MODULE WIDTH: 44.8"
8. MODULE WEIGHT: 48.5 LBS.
9. SEE SHEET PV-3 FOR DIMENSION(S)
10. MIN. FIRE OFFSET: N/A
11. PURLINS SPACING: 24" O.C.
12. PURLINS SIZE: 2"x10" NOMINAL
13. SCREWS: TWO 3/8-24 X 0.80" ROUND-POINT SETSCREWS
14. BOLT: M8-1.25 X 16.00 MM HEX FLANGE BOLT
15. TOTAL # OF ATTACHMENTS: 97
16. TOTAL AREA: 631.68 SQ. FT.
17. TOTAL WEIGHT: 1678.72 LBS.
18. WEIGHT PER ATTACHMENT: 17.31 LBS.
19. DISTRIBUTED LOAD: 2.66 PSF
20. MAX. HORIZONTAL STANDOFF: 48"
21. MAX. VERTICAL STANDOFF: IN ACCORDANCE WITH MODULE MANUFACTURER'S INSTRUCTIONS.
22. STANDOFF STAGGERING: YES
23. RAIL MANUFACTURER (OR EQUIV.): IRONRIDGE
24. RAIL MODEL (OR EQUIVALENT): XR-100
25. RAIL WEIGHT: 0.68 PLF
26. MAX. SPAN: N/A
27. MODULE CLEARANCE: 3 IN. MIN., 6 IN. MAX.

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ASSEMBLY DETAILS

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PV-7

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