I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Brett D. Veazie, License No. 56392, — Packet A5 NOTES: UNLESS OTHERWISE SPECIFIED Expiration Date: 30-June-2024 Model Code ASCE 7-10 1. THIS DRAWING IS NOT FOR CONSTRUCTION UNTIL VSE Project Number: U2716-114-191 Exposure Category B and Lower ENGINEERING HAS REVIEWED AND STAMPED THIS Wind Speed 140 mph and Lower 651 W. GALENA PARK BLVD. STE. 101 PHONE (801) 990-1775 2. DIMENSIONS SHOWN ARE INCHES. DRAPER, LITAH 84020 www.vectorse.com Ground Snow Load 70 PSF and Lower 3. THE SELF-BONDING SYSTEM AND SINGLE GROUND 35 DEG and Lower LUG IS FOR USE WITH PV MODULES THAT HAVE A MAXIMUM SERIES FUSE RATING OF 30A 4. MATERIALS ARE AS SPECIFIED OR EQUIVALENT: HARDWARE: 304 STAINLESS STEEL FABRICATED EXTRUDED PARTS: 6005-T5 ALUMINUM FABRICATED DIE CAST PARTS: ANSI/AA A380 ALUMINUM ALLOY STEEL PIPE: SCHEDULE 40 GALVANIZED ALUMINUM PIPE: SCHEDULE 10 ANODIZED 5. THE MAXIMUM PERMISSIBLE LENGTH OF ANY STRUCTURE SHALL BE 200 FT. FOR SYSTEMS USING A SHARED RAIL CONFIGURATION. A THERMAL BREAK IS REQUIRED IN THE RAIL EVERY 40 FT. PER THE DRAWING DETAILS. E 6. 4LXN-3LXN-2PXN-35DEG-GSM-AGM-BGM-PGM. 7. PANEL DIMENSIONS ARE AS FOLLOWS STANDARD (SP): MAX 82"X42" OVERSIZE (OP): MAX 85"X45" 8. APPROVED RAIL PROFILES - STANDARD PANELS A20288-XXX (HR300 RAIL), A20297-001 (END CAP), K10343-002 (U-CLAMP KIT): A20145-XXX (HR350 RAIL), A20285-001 (END CAP), K10343-001 (U-CLAMP KIT). 9. APPROVED RAIL PROFILES - OVERSIZE PANELS 3L * A20288-XXX (HR300 RAIL), A20297-001 (END CAP). HELIORAIL.VARIES PER NOTE K10343-002 (U-CLAMP KIT); 4-IN-LANDSCAPE 3-IN-LANDSCAPE 2-IN-PROTRAIT 8 & 9 * A20145-XXX (HR350 RAIL), A20285-001 (END CAP). HELIORAIL END CAP. VARIES K10343-001 (U-CLAMP KIT). PER NOTE 8 & 9 02/22/2024 STRUCTURAL ONLY 10. K10224-XXX END CLAMP KIT OR K10299-XXX ADJ. END CLAMP KIT. VARIES PER NOTE 10 Vector Structural Engineering requires that we 15 K10343-001 2.5" AL PIPE U-CLAMP KIT 11. FOUNDATION TYPES: 14 K10448-001 2.5" PIPE SPLICE KIT GSM = GROUND SCREW GROUND MOUNT review each site-specific install, and we are not AGM = HELICAL AUGER GROUND MOUNT 13 K10342-001 2.5" PIPE SPLICE KIT liable for installs at site-specific locations we have 12 K10341-001 2.5" PIPE TEE KIT PGM = POST-IN-CONCRETE GROUND MOUNT 11 K10222-001 2.5" PIPE CLAMP KIT 10 K10219-001 2" AL PIPE CLAMP KIT BSM = BALLAST GROUND MOUNT not reviewed. This document does not address site-specific installations. 9 K10183-XXX LANDSCAPE GROUNDING END CLAMP KIT LANDSCAPE GROUNDING MID CLAMP KIT GROUNDING MID-CLAMP KIT WITH T COLLAR BOLT AND GROUNDING BASE DETAIL D DETAIL B SELF-GROUNDING LUG KIT 6 K10179-001 5 A50164-XXX 1.5" SQ. STL TUBE BRACE, =XXX 4 A21168-XXX PIPE, HSS, 2.875" OD X 12 GAUGE.L=XXX 3 A21165-XXX PIPE, HSS, 2.375" OD X 12 GAUGE.L=XXX (REAR) PIPE, HSS, 2,375" OD X 12 2 A21165-XXX (FRONT) GAUGE,L=XXX 1 A20380-001 2.5" PIPE END CAP

DETAIL E

DETAIL C

DETAIL A

DETAIL F

MATERIAL SEE BOM

SCALE

SunModo Corp.

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