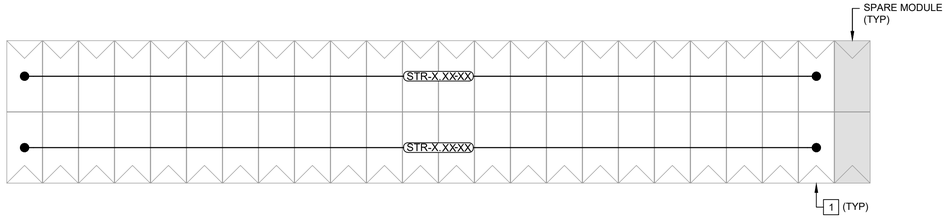
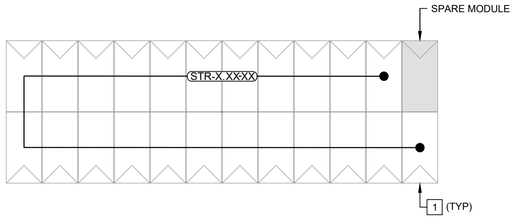
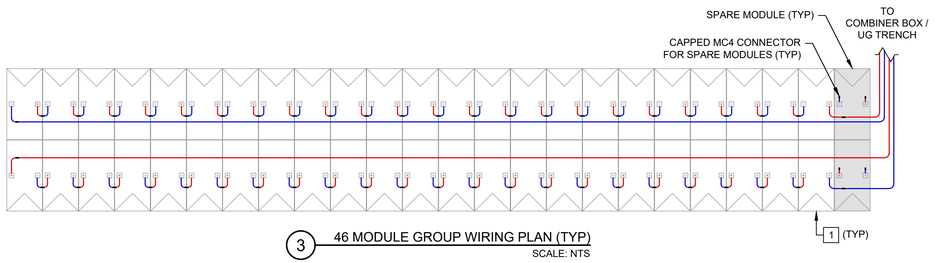
THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22" - THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22" - THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22" - THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING



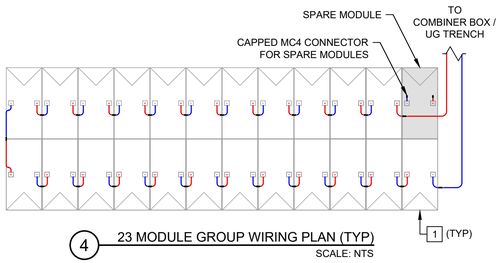
1 46 MODULE GROUP STRINGING PLAN (TYP)
SCALE: NTS



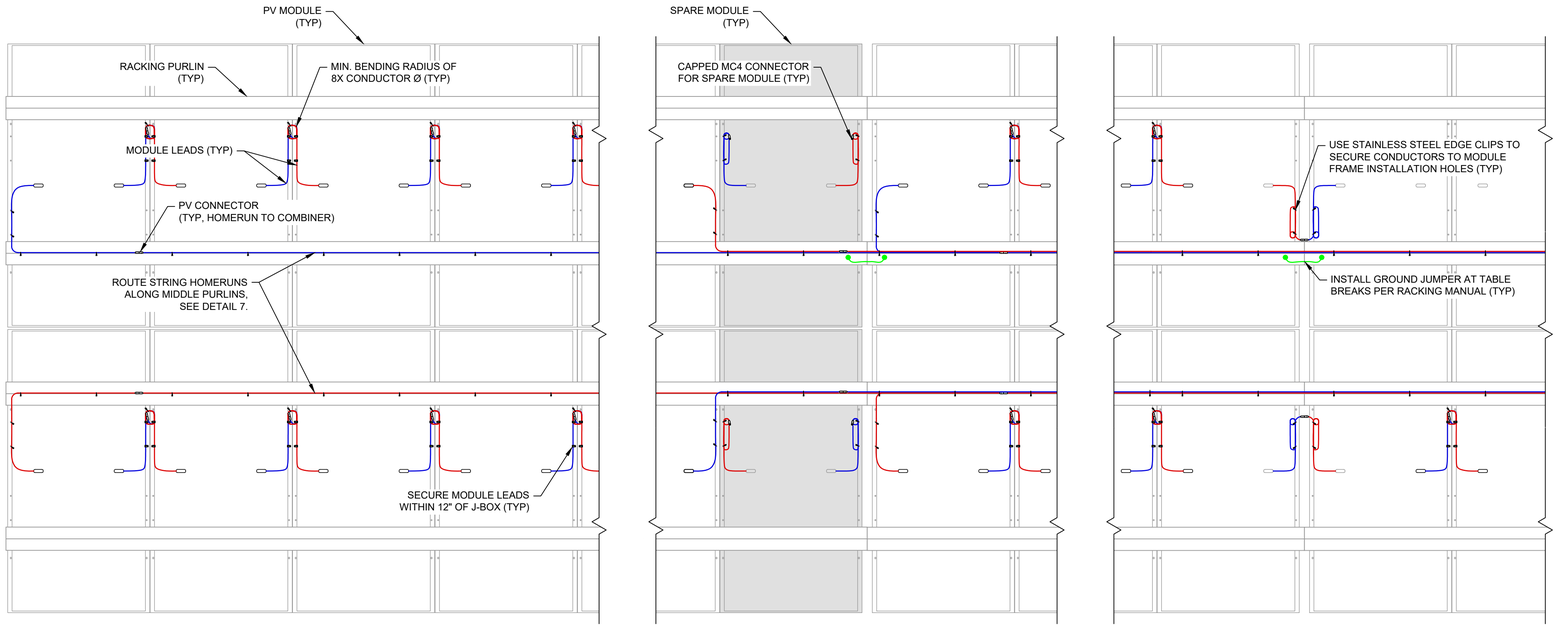
2 23 MODULE GROUP STRINGING PLAN (TYP)
SCALE: NTS



3 46 MODULE GROUP WIRING PLAN (TYP)
SCALE: NTS

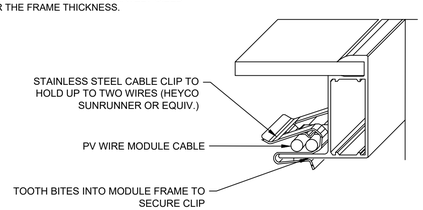


4 23 MODULE GROUP WIRING PLAN (TYP)
SCALE: NTS

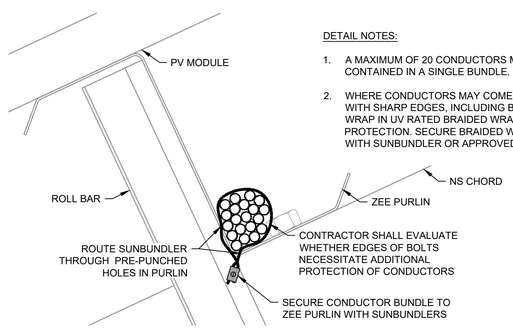


5 WIRE MANAGEMENT DETAIL (TYP)
SCALE: NTS

1. CLAMPS SHALL BE APPROPRIATELY SIZED FOR THE FRAME THICKNESS.



6 MODULE WIRE CLIP
SCALE: NTS



DETAIL NOTES:

1. A MAXIMUM OF 20 CONDUCTORS MAY BE CONTAINED IN A SINGLE BUNDLE.
2. WHERE CONDUCTORS MAY COME INTO CONTACT WITH SHARP EDGES, INCLUDING BOLT THREADS, WRAP IN UV RATED BRAIDED WRAP FOR PROTECTION. SECURE BRAIDED WRAP TO CABLES WITH SUNBUNDLER OR APPROVED EQUIVALENT.

7 PURILIN WIRE MANAGEMENT DETAIL
SCALE: NTS

SHEET NOTES:

1. DC STRING CONDUCTORS SHALL BE SECURED AT INTERVALS NOT EXCEEDING 24 INCHES.
2. MODULE LEADS SHALL BE SECURED WITHIN 12 INCHES OF THE MODULE'S JUNCTION BOX.
3. CONDUCTORS SHALL BE SECURED, SUPPORTED, ARRANGED, AND PROTECTED TO AVOID ABRASION, PINCHING, OR OTHER DAMAGE THAT COULD ARISE FROM STRUCTURE SETTLEMENT AND ENVIRONMENTAL FORCES.
4. REFER TO OTHER DETAILS FOR WIRE MANAGEMENT AT SPECIAL LOCATIONS.
5. ALL EXPOSED CABLES TO BE SECURED WITH STAINLESS STEEL WIRE CLIPS OR CABLES. STAINLESS STEEL CLIPS OR CABLES TO BE PROVIDED BY CONTRACTOR AS NEEDED.
6. CONTRACTOR TO PROVIDE MATERIAL TO PROTECT CONDUCTORS FROM SHARP EDGES (TRIM-LOCK, EDGE GUARD OR EQUIVALENT).
7. SEE RACK INSTALLATION MANUAL FOR REQUIRED GROUNDING METHOD. CONTRACTOR TO PROVIDE RACK GROUND LUGS & EQUIPMENT GROUNDING CONDUCTORS.
8. EACH RACK TABLE SHALL BE BONDED TO ADJACENT RACK TABLE. EACH RACK ROW SHALL BE BONDED TO A COMBINER BOX OR STRING INVERTER GROUNDING BUS BAR. USE #6 AWG COPPER WITH MANUFACTURER-REQUIRED GROUNDING LUG. ALL INTER-ROW CONDUIT SHALL CONTAIN AN EQUIPMENT GROUNDING CONDUCTOR PER NEC REQUIREMENTS.
9. DC HOMERUN CONDUCTOR COLOR CODING SHALL BE PER NEXAMP SPECIFICATIONS. DC SYSTEM IS UNGROUNDED.
10. CONTRACTOR TO PROVIDE ALL MODULE WHIP JUMPERS AND CONNECTORS FOR MODULE TO MODULE WHIP CONNECTIONS. QUANTITY AND LENGTHS TO BE DETERMINED BY CONTRACTOR.
11. SUPPORT EXCESS WIRE LOOPS WITH TIE WRAPS OR APPROVED CLIP IN A NEAT AND WORKMANLIKE MANNER.
12. PV CABLES EXPOSED TO DIRECT SUNLIGHT SHALL BE WRAPPED IN TECHFLEX F6 TO 6 INCHES UNDERNEATH BACK OF MODULE.
13. THIS DETAIL IS DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE ALL MODULE WIRING AND TERMINAL CONFIGURATION PER MODULE DATASHEET AND INSTALLATION MANUAL.
14. MODULE CONNECTORS SHOULD NEVER BE SECURED IN A MANNER THAT EXPOSES THEM TO DIRECT SUNLIGHT. MODULE CONNECTORS SHOULD NEVER BE IN MODULE GAPS.

KEYED NOTES:

1 ROTATE BOTTOM ROW MODULES 180 DEGREES.

LEGEND:

- NEGATIVE CONDUCTOR
- POSITIVE CONDUCTOR
- GROUNDING JUMPER

DESIGN COORDINATOR

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SEAL

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BRICE CASEBEER
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02/27/2026
OF ILLINOIS

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REVISIONS

#	DESCRIPTION	DATE
0	IFC	02/06/2026
1	IFC R1	02/27/2026

ISSUED FOR CONSTRUCTION
FEBRUARY 27, 2026

138883 CEMETERY SUN, LLC
FREDERICK, IL, 62639

SHEET TITLE

STRING WIRING DETAILS

SHEET NO.

E-205