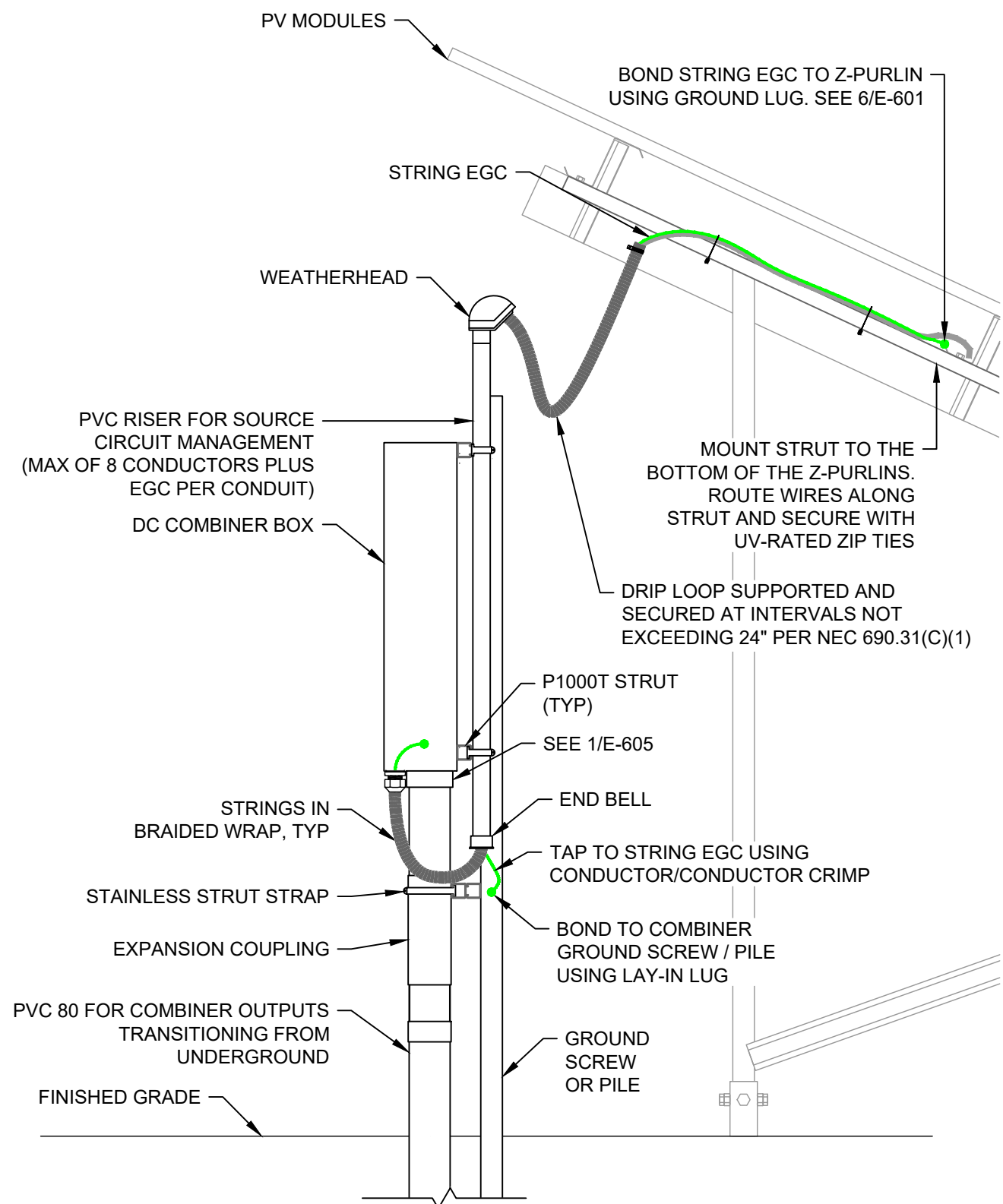
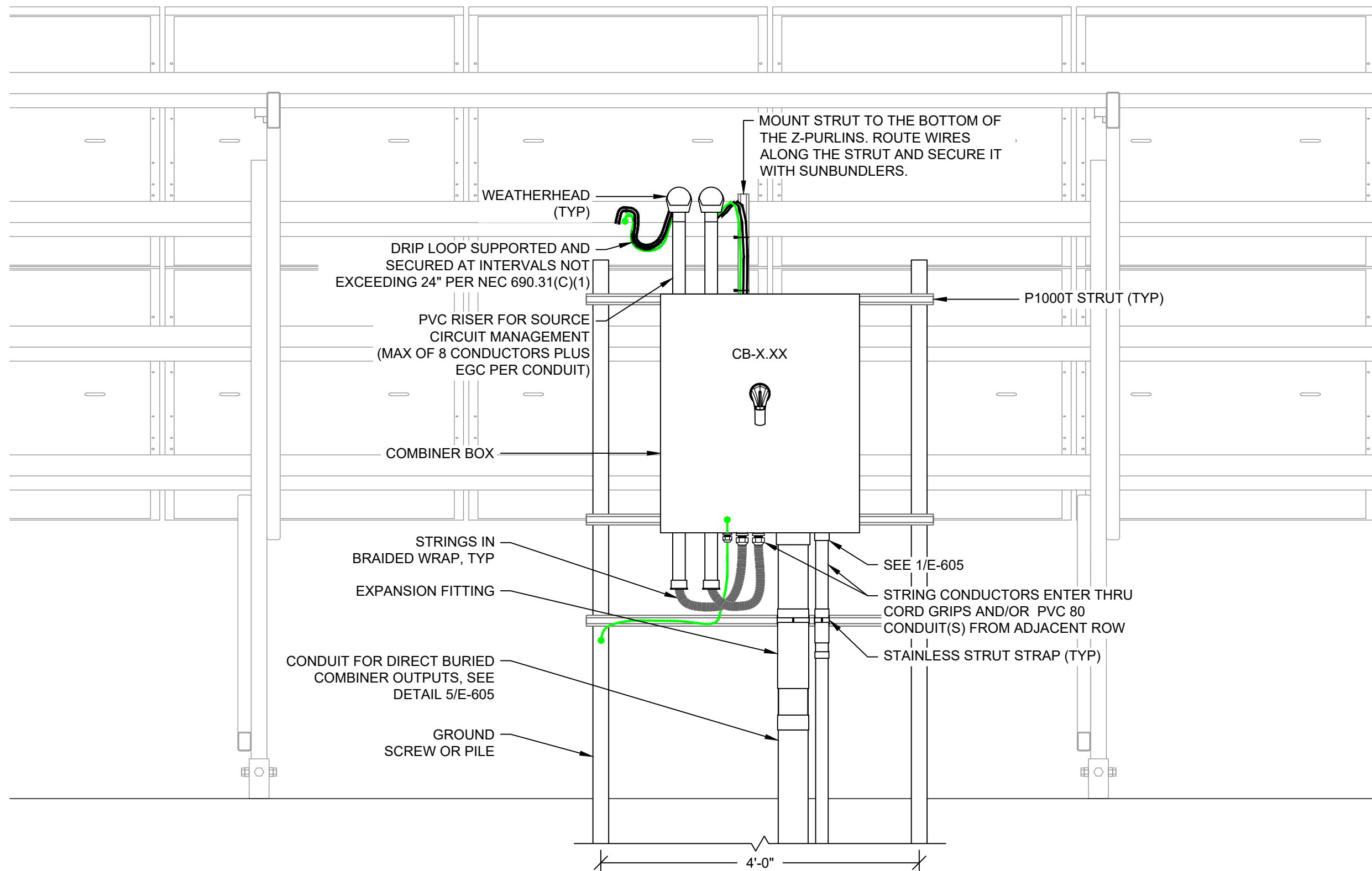


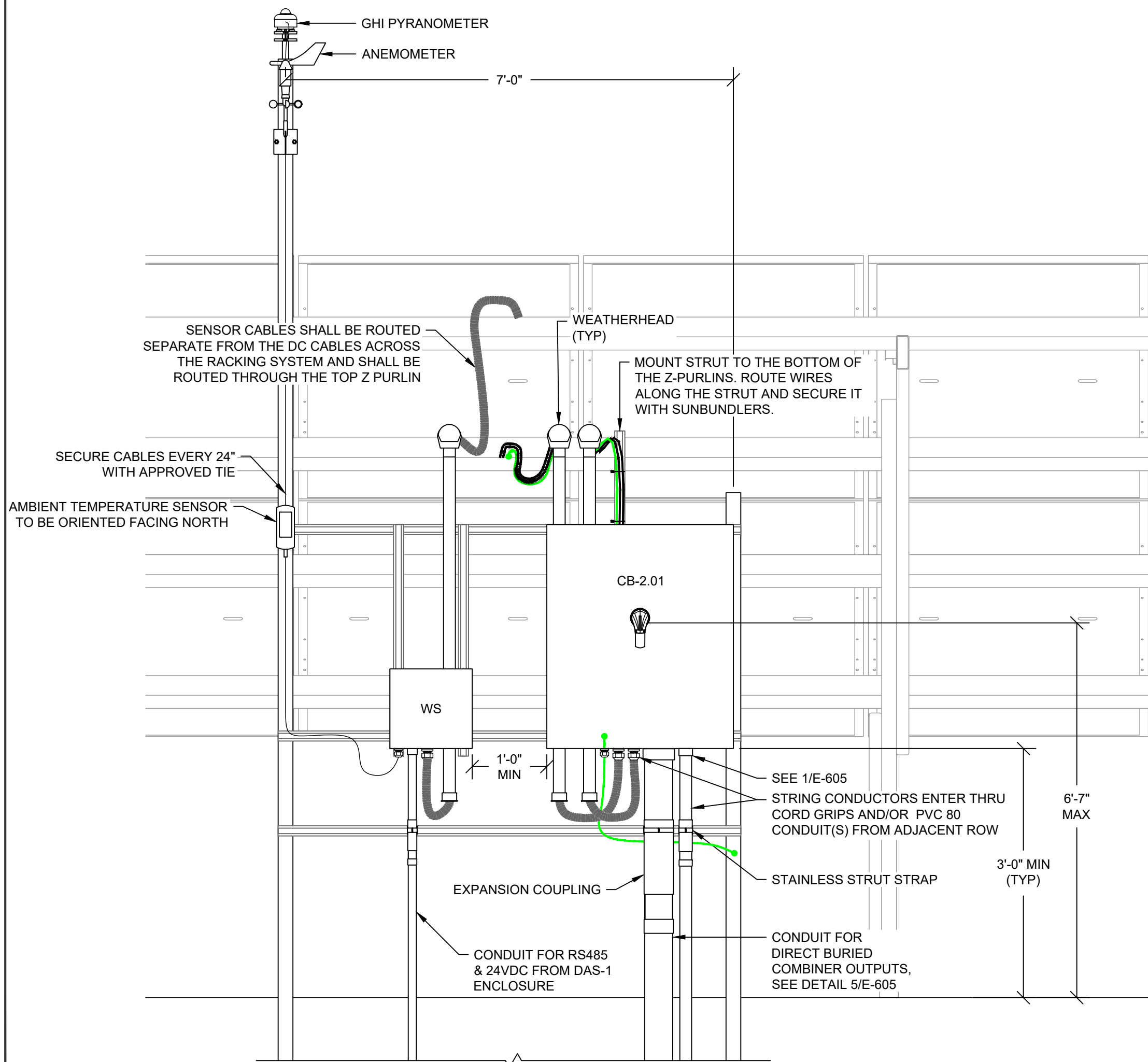
THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22" - THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22" - THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22" - THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22"



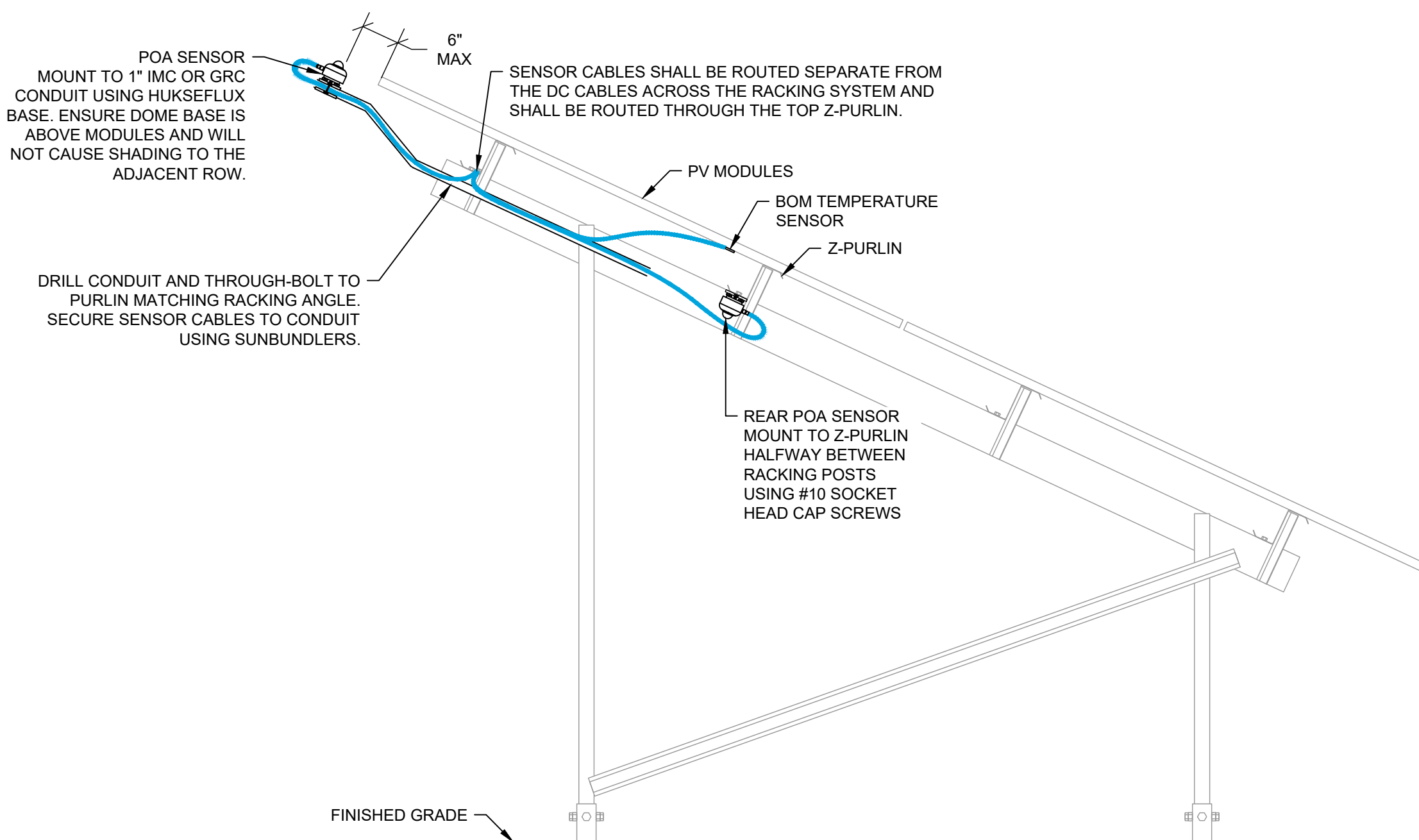
1 COMBINER RACK SIDE ELEVATION  
SCALE: NTS



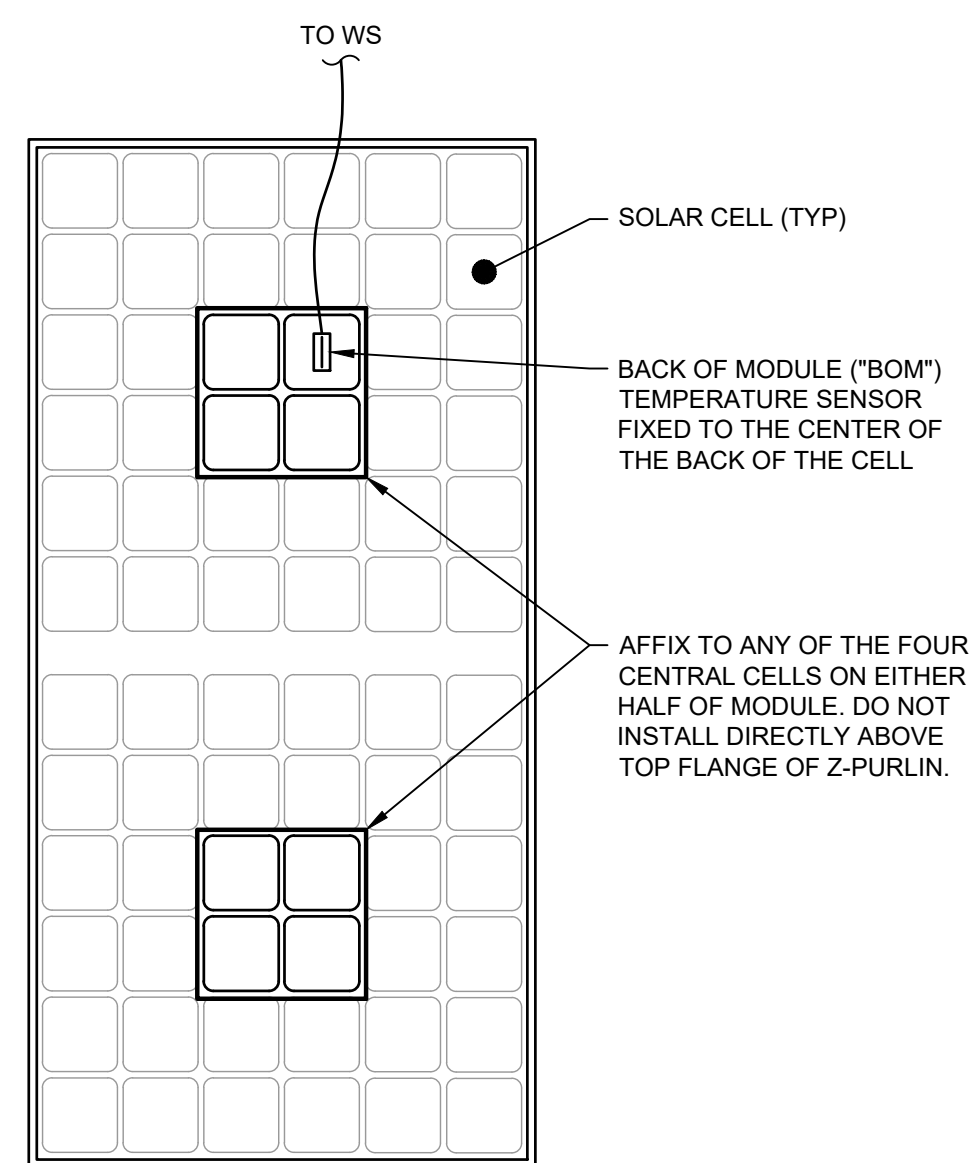
2 COMBINER RACK FRONT ELEVATION  
SCALE: NTS



3 COMBINER & WS RACK FRONT ELEVATION  
SCALE: NTS



4 SENSOR EQUIPMENT ELEVATION  
SCALE: NTS



5 BOM TEMPERATURE SENSOR MOUNTING DETAIL

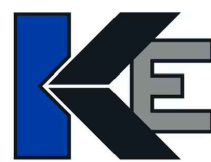
**SHEET NOTES:**

1. CONTRACTOR SHALL VERIFY WHERE PV CONDUCTORS TRANSITION FROM RACKING TO CONDUIT. THE CONDUCTORS SHALL BE ORIENTED SUCH THAT THEY ARE NOT PINCHED AND MINIMUM BENDING RADII ARE NOT VIOLATED.
2. CONTRACTOR SHALL PROVIDE PROTECTION TO CONDUCTORS AT ANY LOCATION WHERE ABRASION MAY OCCUR DUE TO MOVEMENT OR OTHER FORCES.
3. COMBINER BOX SHALL BE LOCATED ON NORTH SIDE OF RACKING SYSTEM PER SITE PLANS.
4. STRUCTURAL DESIGN OF EQUIPMENT RACKS AND PILES BY OTHERS.
5. WORKING CLEARANCES TO BE PROVIDED FOR ALL EQUIPMENT PER NEC 110.26 AND 110.34 BASED ON VOLTAGE AND CONDITIONS AS REQUIRED.
6. PROVIDE WORK LOOP IN ALL CONDUCTORS TERMINATED IN WEATHER STATIONS TO ALLOW SPACE FOR FLUKE CLAMP-ON METER.
7. CONTRACTOR SHALL PROVIDE THE APPROPRIATE SIZED LISCO COMPRESSION RING LUGS FOR TERMINATION OF CONDUCTORS IN WEATHER STATIONS PER MANUFACTURER SPECIFICATIONS.
8. WEATHER STATION MOISTURE CONTROL DEVICES (TYPICALLY DESIGN BAGS, SUPPLIED BY NEXAMP) SHALL BE INSTALLED PRIOR TO MOUNTING PER MANUFACTURER SPECIFICATIONS AND PROCEDURES, IF NOT FACTORY INSTALLED.
9. ALL CONDUIT ENTRIES TO WEATHER STATIONS SHALL BE MADE WITH GASKETED, RAIN-TIGHT FITTINGS.
10. BACK-OF-MODULE TEMP SENSOR TO BE MOUNTED IN THE CENTER OF A MODULE CELL (OR HALF-CELL DEPENDING ON MODULE TYPE). SENSOR MUST BE AT LEAST 6" OFFSET FROM THE MODULE NAMEPLATE AND JUNCTION BOXES. SECURE SENSOR VIA OMEGABOND 200 OR AN APPROVED EQUAL RATED FOR 180° F.
11. ALL PYRANOMETERS SHALL BE INSTALLED SUCH THAT THEIR WIRE PORTS ARE ORIENTED TOWARDS TRUE NORTH.
12. MOUNT AMBIENT TEMPERATURE SENSOR ON TOP EDGE OF SUPPORT RACK.
13. EACH PYRANOMETER SHALL BE INSTALLED SUCH THAT THE DOME IS NOT SHADED BY ANY HARDWARE OR STRUCTURAL COMPONENTS. THE REVERSE POA PYRANOMETER SHALL BE INSTALLED SUCH THAT THERE ARE NO PHYSICAL OBSTRUCTIONS BETWEEN THE SENSOR'S FIELD OF VIEW AND THE GROUND.
14. PYRANOMETERS SHALL ALWAYS BE INSTALLED SOUTH OF THE WEATHER STATION ASSEMBLY.
15. ANEMOMETER SHALL BE MOUNTED SUCH THAT EQUIPMENT IS ORIENTED TOWARDS THE NORTH AND IS ABOVE THE TOP PLANE OF THE MODULES.

DETAIL NOTES:

1. FOLLOW SENSOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.

**DESIGN COORDINATOR**



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## PROJECT

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**SEAL**



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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***

## ELECTRICAL DETAILS - COMBINER & WEATHER SENSORS

**SHEET NO**

# E-606