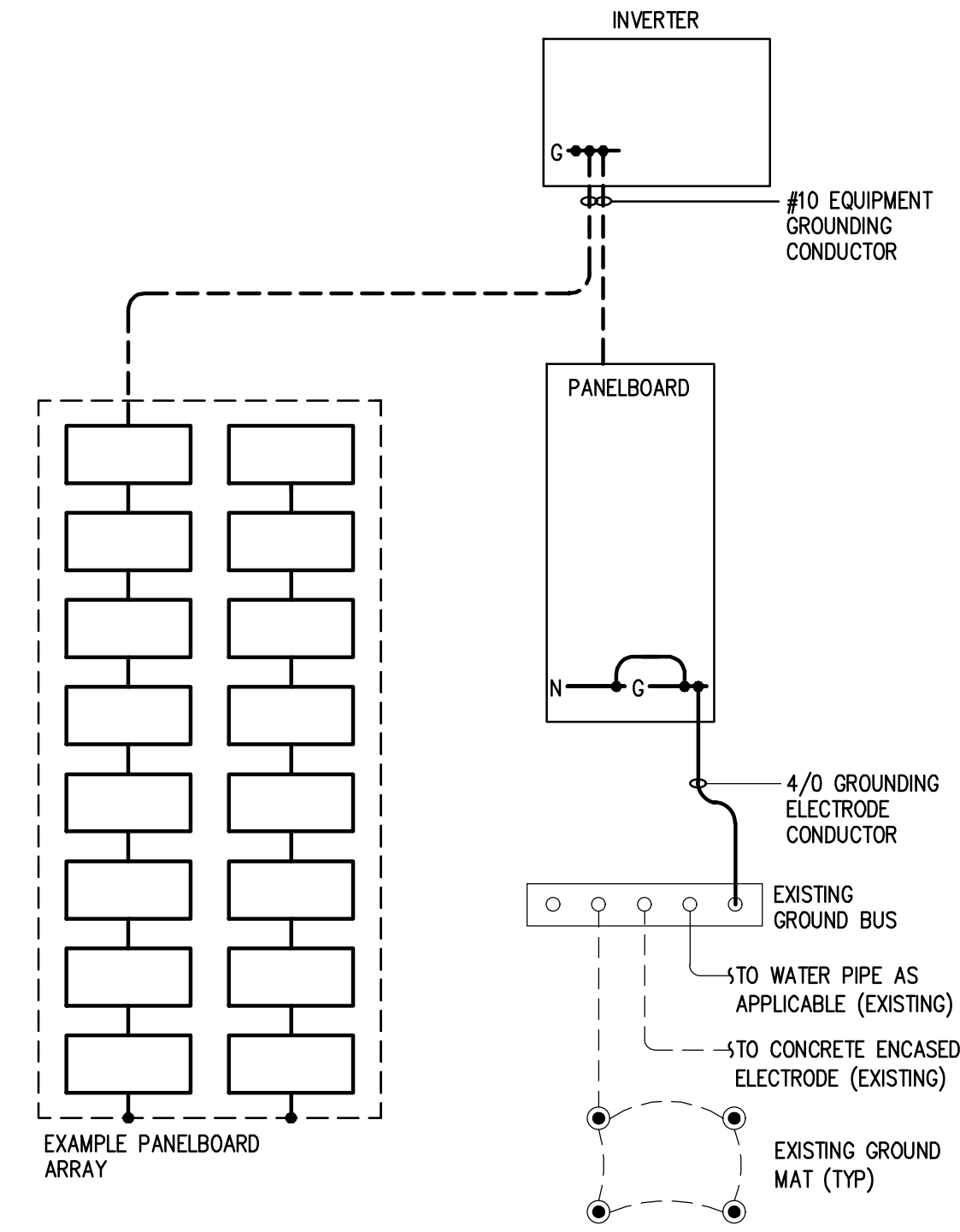
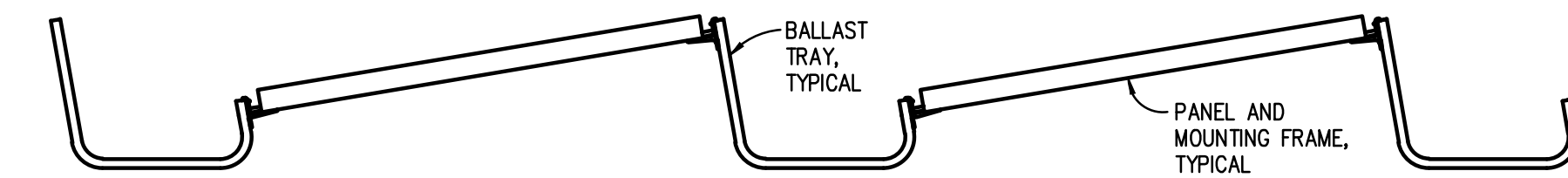
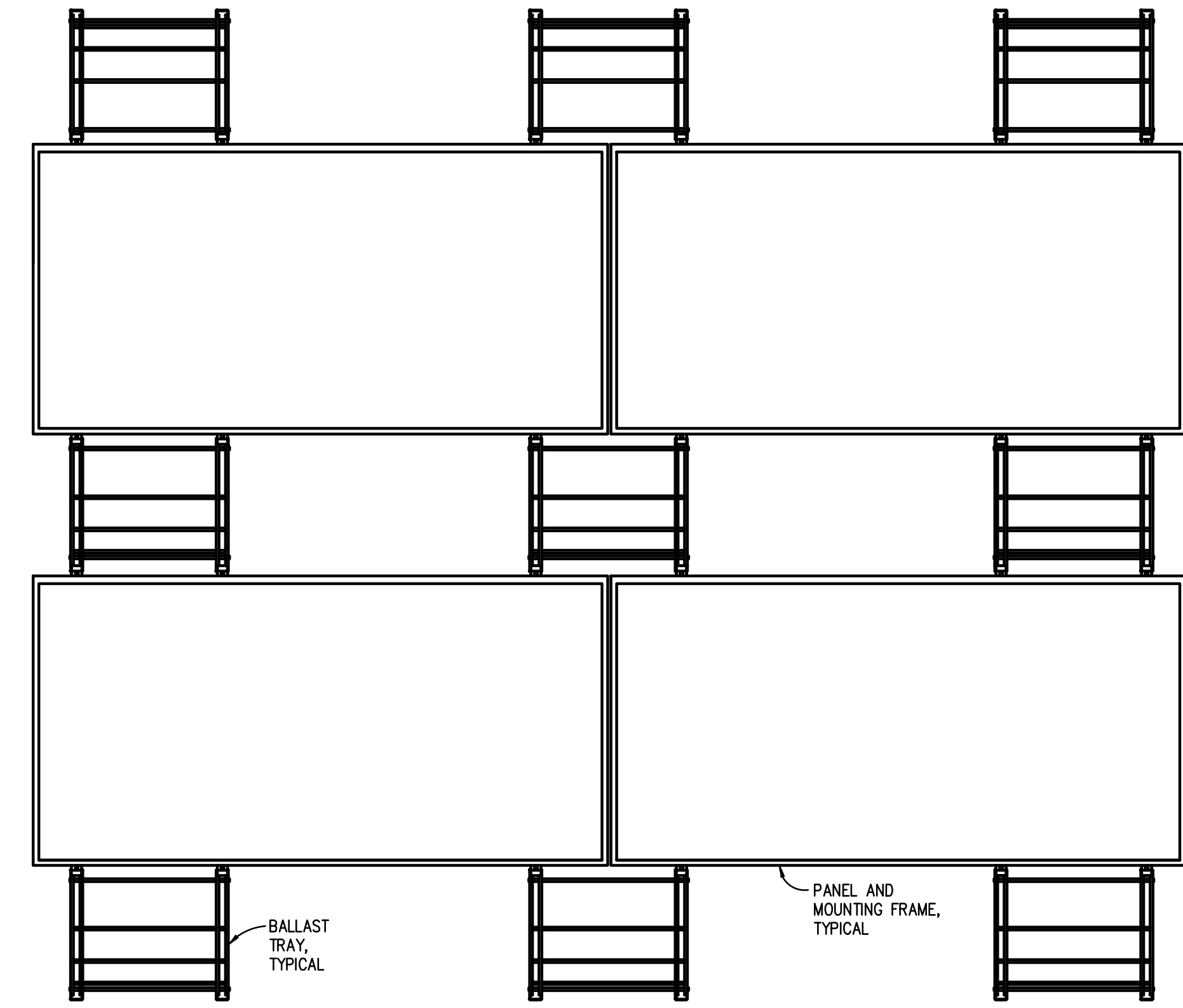


INVERTER DETAIL
NO SCALE



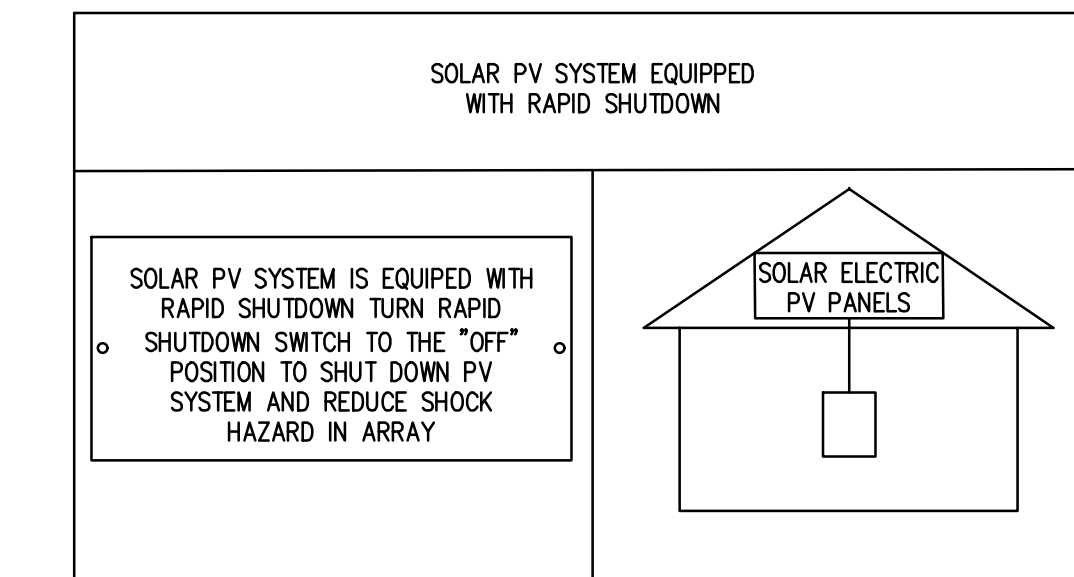
SYSTEM GROUNDING
NO SCALE



RACKING SYSTEM DIAGRAM
NO SCALE

NOTES:
1. BALLAST REQUIREMENTS TO BE COORDINATED WITH STRUCTURAL AND MANUFACTURER SPECIFICATIONS.

<p>!WARNING!</p> <p>ELECTRIC SHOCK HAZARD TERMINALS ON THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION</p> <p>LABEL 1 LOCATED AT EACH DISCONNECTING MEANS FOR PHOTOVOLTAIC EQUIPMENT PER NEC 690.13</p>	<p>!WARNING!</p> <p>PHOTOVOLTAIC POWER SOURCE</p> <p>LABEL 2 LOCATED AT EXPOSED RACEWAYS, CABLE TRAYS, OTHER WIRING METHODS, COVERS AND ENCLOSURES OF PULL AND JUNCTION BOXES, AND CONDUIT BODIES IN WHICH ANY OF THE AVAILABLE CONDUIT OPENINGS ARE UNUSED PER NEC 690.31</p>	<p>!CAUTION!</p> <p>DO NOT DISCONNECT UNDER LOAD</p> <p>LABEL 3 LOCATED AT EACH DISCONNECTING MEANS FOR PHOTOVOLTAIC EQUIPMENT PER NEC 690.15</p>
<p>OPEN CIRCUIT VOLTAGE: XXV NOMINAL OPERATING AC FREQUENCY: XXHZ MAX PERMISSIBLE SYSTEM VOLTAGE: XXV OPERATING CURRENT: XXX SHORT-CIRCUIT CURRENT: XXX MAX POWER: XXW</p> <p>LABEL 4 LOCATED AT EACH PV MODULE PER NEC 690.51</p>	<p>MAX VOLTAGE: XXV MAX CIRCUIT CURRENT: XXX MAX RATED OUTPUT CURRENT OF CHARGE CONTROLLER: XXX</p> <p>LABEL 5 LOCATED AT DC PV POWER SOURCE PER NEC 690.53</p>	<p>POWER SOURCE</p> <p>RATED AC OUTPUT CURRENT: XXX NOMINAL OPERATING AC VOLTAGE: XXV</p> <p>LABEL 6 LOCATED AT EACH DISCONNECTING MEANS PER NEC 690.54</p>
<p>STAND-ALONE PV SYSTEM SYSTEM DISCONNECT LOCATED AT XXX IN BUILDING XXX</p> <p>LABEL 7 LOCATED IN A READILY VISIBLE LOCATION ON EXTERIOR AT FACILITIES WITH STAND-ALONE SYSTEMS PER NEC 690.56.A</p>	<p>RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM</p> <p>LABEL 8 LOCATED AT SWITCH PER NEC 690.53.C</p>	



PV LABELS
NO SCALE

NOTES:
1. FINAL VALUES FOR SIGNAGE TO MATCH INSTALLED SYSTEM ELEMENTS.

REVISION

REVISION

5145 Livernois, Suite 100
Troy, Michigan 48066-8276
www.PeterBassoAssociates.com
Peter Basso
Associates
CONSULTING ENGINEERS

PROJECT TITLE
DETROIT/WAYNE COUNTY
PORT AUTHORITY
130 E. Atwater Street/Detroit, MI 48226

SHEET TITLE
ELECTRICAL DETAILS AND
DIAGRAMS

DATE
08-02-2024
ISSUE
BIDS

SHEET No.

E7.01