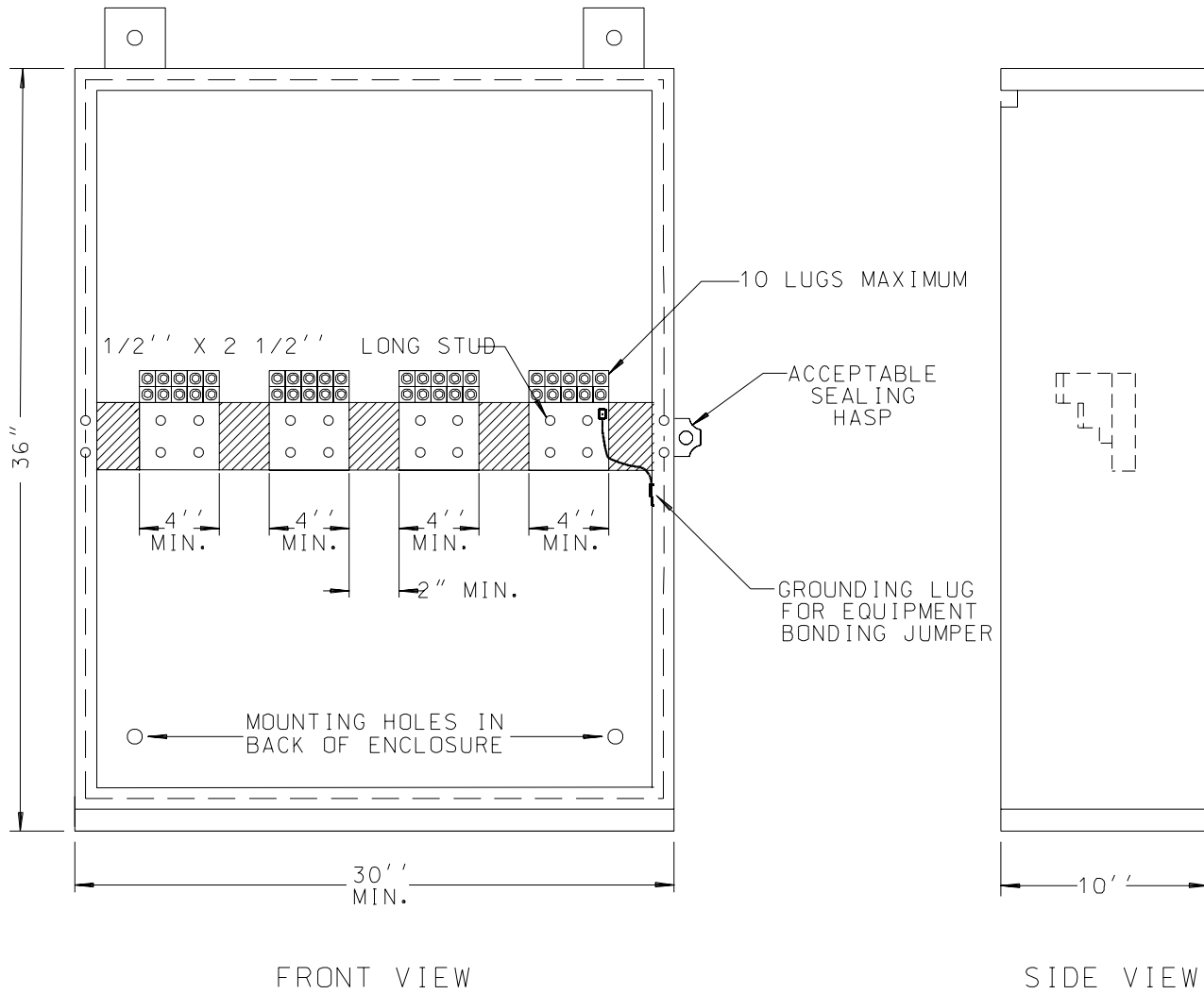


SERVICE TAP BOX  
SINGLE OR 3 PHASE

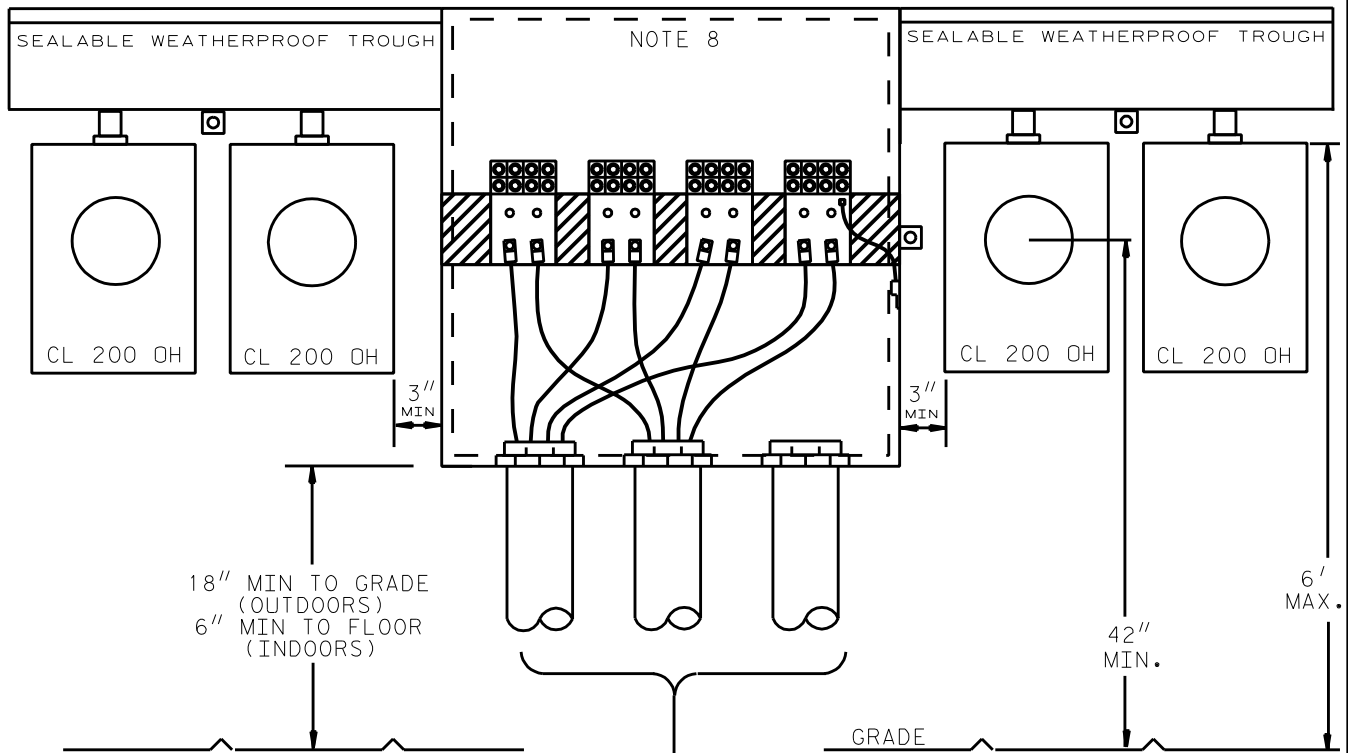


NOTES:

1. CABINET WILL BE FURNISHED AND INSTALLED BY CUSTOMER.
2. CABINET WILL BE MADE OF 14 GAUGE STEEL PER NEMA 3R CONSTRUCTION STANDARDS.
3. THE DOOR OF THE TAP BOX MUST BE EQUIPPED WITH AN EDISON APPROVED SEALABLE LATCH.
4. INVERT CABLE CONNECTIONS FOR SERVICE CONNECTION AT TOP.
5. CUSTOMER TO PROVIDE EQUIPMENT BONDING JUMPER PER NEC ARTICLE 250.
6. ALL BUS BARS WILL BE FLAT TO FRONT.
7. ONLY ONE SERVICE ALLOWED PER LUG.

THE DETROIT EDISON COMPANY ASSUMES NO RESPONSIBILITY FOR INJURY OR DAMAGE ARISING FROM THE USE OF THIS SPECIFICATION DIAGRAM.

SECONDARY CONNECTION CABINET  
METER CONDUIT INSTALLATION - WEATHERPROOF TROUGH



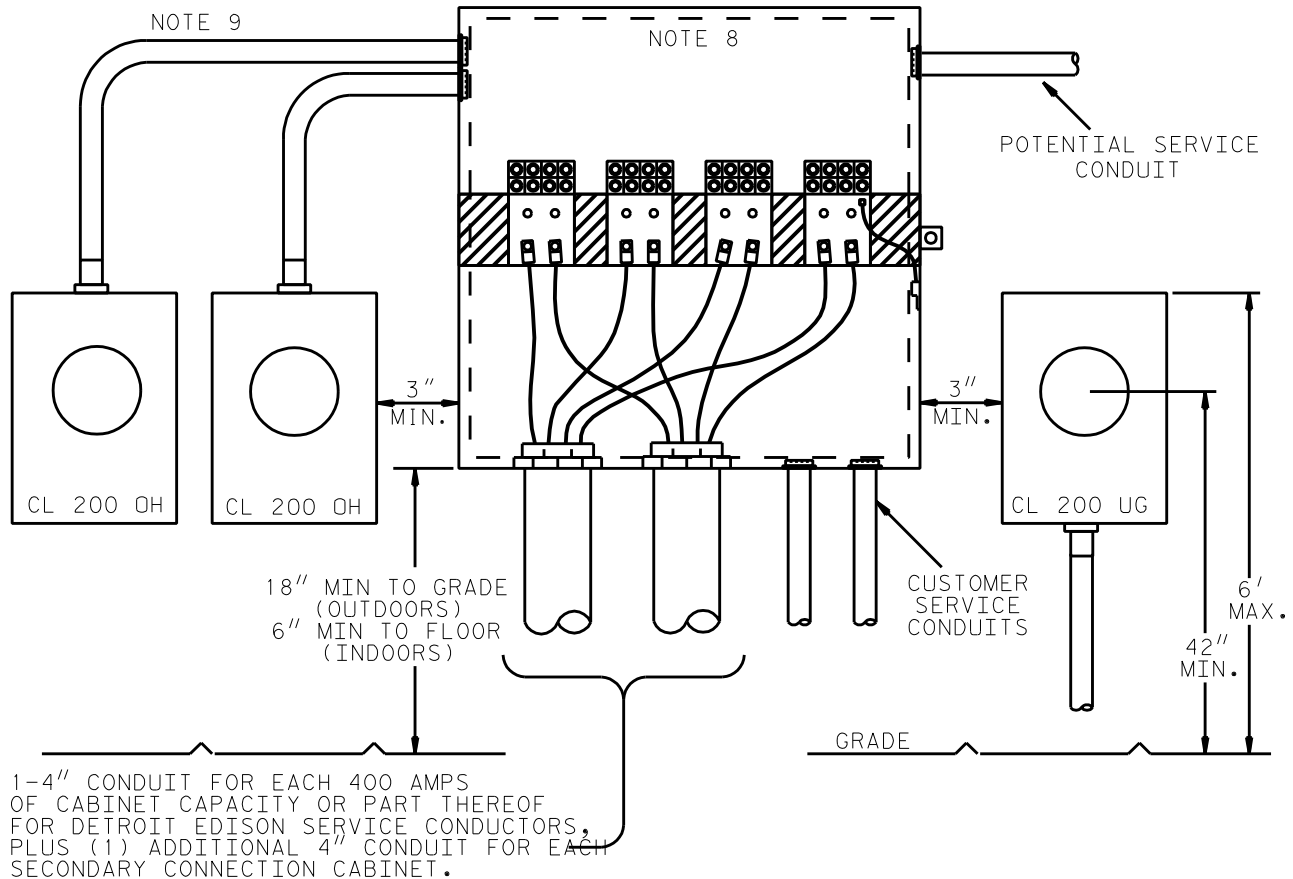
1-4" CONDUIT FOR EACH 400 AMPS OF CABINET CAPACITY OR PART THEREOF FOR DETROIT EDISON SERVICE CONDUCTORS, PLUS (1) ADDITIONAL 4" CONDUIT FOR EACH SECONDARY CONNECTION CABINET.

NOTES:

1. CABINET AND TROUGHS FURNISHED AND INSTALLED BY CUSTOMER.
2. EQUIPMENT ASSEMBLY DRAWINGS AND RISER DIAGRAMS MUST BE SUBMITTED TO DETROIT EDISON FOR ACCEPTANCE PRIOR TO INSTALLATION.
3. CABINETS AND TROUGHS SHOWN SHALL CONTAIN ONLY UNMETERED LINE CONDUCTORS AND BE SEALABLE WITH ACCEPTABLE SEALING HASPS. SEE PAGES 5-6-9 AND 5-6-10.
4. ALL CONDUIT AND NIPPLE ENTRIES TO TROUGHS, CABINETS AND BOXES MUST BE MADE WITH WEATHERPROOF HUBS, CONNECTORS AND LOCKNUTS LISTED FOR THE APPLICATION.
5. ALL GROUNDING AND BONDING MUST CONFORM TO NEC 250.
6. ONLY ONE SERVICE ALLOWED PER LUG.
7. CABINETS EXCEEDING 1600 AMPS CAPACITY WILL BE THE FREE STANDING TYPE
8. WALL MOUNTED TAP BOXES OF 800-1600 AMP CAPACITY ARE INTENDED TO SERVE MULTIPLE SELF-CONTAINED METERS ONLY. CT CABINETS SHOULD BE SERVED DIRECTLY FROM THE PADMOUNT TRANSFORMER. SEE NOTE 10 FOR THE EXCEPTION. FREE STANDING TAP BOXES OF 1600-4000 AMP CAPACITY ARE AVAILABLE TO SERVE LARGER CONNECTED LOADS INCLUDING CT CABINETS.
9. CONNECTION BETWEEN TROUGH AND ENCLOSURE MUST BE METAL CONDUIT RMC, IMC, OR EMC ACCEPTED
10. DETROIT EDISON APPROVED TRANSOCKETS MAY BE FED FROM A TAP BOX. TRANSOCKETS SHALL BE TREATED LIKE A SELF CONTAINED METER OF THEIR RATED CLASS. REFER TO 5-4-19 FOR TRANSOCKET SPECIFICATIONS.
11. SELF CONTAINED METERS, CT CABINETS OR TRANSOCKETS FED FROM A TAP BOX SHALL NOT EXCEED THE NAMEPLATE RATING OF THE TAP BOX.

THE DETROIT EDISON COMPANY ASSUMES NO RESPONSIBILITY FOR INJURY OR DAMAGE ARISING FROM THE USE OF THIS SPECIFICATION DIAGRAM.

SECONDARY CONNECTION CABINET  
METER CONDUIT INSTALLATION



NOTES:

1. CABINET AND CONDUIT FURNISHED AND INSTALLED BY CUSTOMER.
2. EQUIPMENT ASSEMBLY DRAWINGS AND RISER DIAGRAMS MUST BE SUBMITTED TO DETROIT EDISON FOR ACCEPTANCE PRIOR TO INSTALLATION.
3. CABINETS AND TROUGHS SHOWN SHALL CONTAIN ONLY UNMETERED LINE CONDUCTORS AND BE SEALABLE WITH ACCEPTABLE SEALING HASPS. SEE PAGES 5-6-9 AND 5-6-10.
4. ALL CONDUIT AND NIPPLE ENTRIES TO TROUGHS, CABINETS AND BOXES MUST BE MADE WITH WEATHERPROOF HUBS, CONNECTORS AND LOCKNUTS LISTED FOR THE APPLICATION.
5. ALL GROUNDING AND BONDING MUST CONFORM TO NEC 250.
6. ONLY ONE SERVICE ALLOWED PER LUG.
7. CABINETS EXCEEDING 1600 AMPS CAPACITY WILL BE THE FREE STANDING TYPE
8. WALL MOUNTED TAP BOXES OF 800-1600 AMP CAPACITY ARE INTENDED TO SERVE MULTIPLE SELF-CONTAINED METERS ONLY. CT CABINETS SHOULD BE SERVED DIRECTLY FROM THE PADMOUNT TRANSFORMER. SEE NOTE 10 FOR THE EXCEPTION. FREE STANDING TAP BOXES OF 1600-4000 AMP CAPACITY ARE AVAILABLE TO SERVE LARGER CONNECTED LOADS INCLUDING CT CABINETS.
9. CONNECTION FROM TAP BOX TO ENCLOSURE MUST BE METAL CONDUIT RMC, IMC, OR EMC ACCEPTED
10. DETROIT EDISON APPROVED TRANSOCKETS MAY BE FED FROM A TAP BOX. TRANSOCKETS SHALL BE TREATED LIKE A SELF CONTAINED METER OF THEIR RATED CLASS. REFER TO 5-4-19 FOR TRANSOCKET SPECIFICATIONS.
11. SELF CONTAINED METERS, CT CABINETS OR TRANSOCKETS FED FROM A TAP BOX SHALL NOT EXCEED THE NAMEPLATE RATING OF THE TAP BOX.

THE DETROIT EDISON COMPANY ASSUMES NO RESPONSIBILITY FOR INJURY OR DAMAGE ARISING FROM THE USE OF THIS SPECIFICATION DIAGRAM.

CRONK JUN 10