

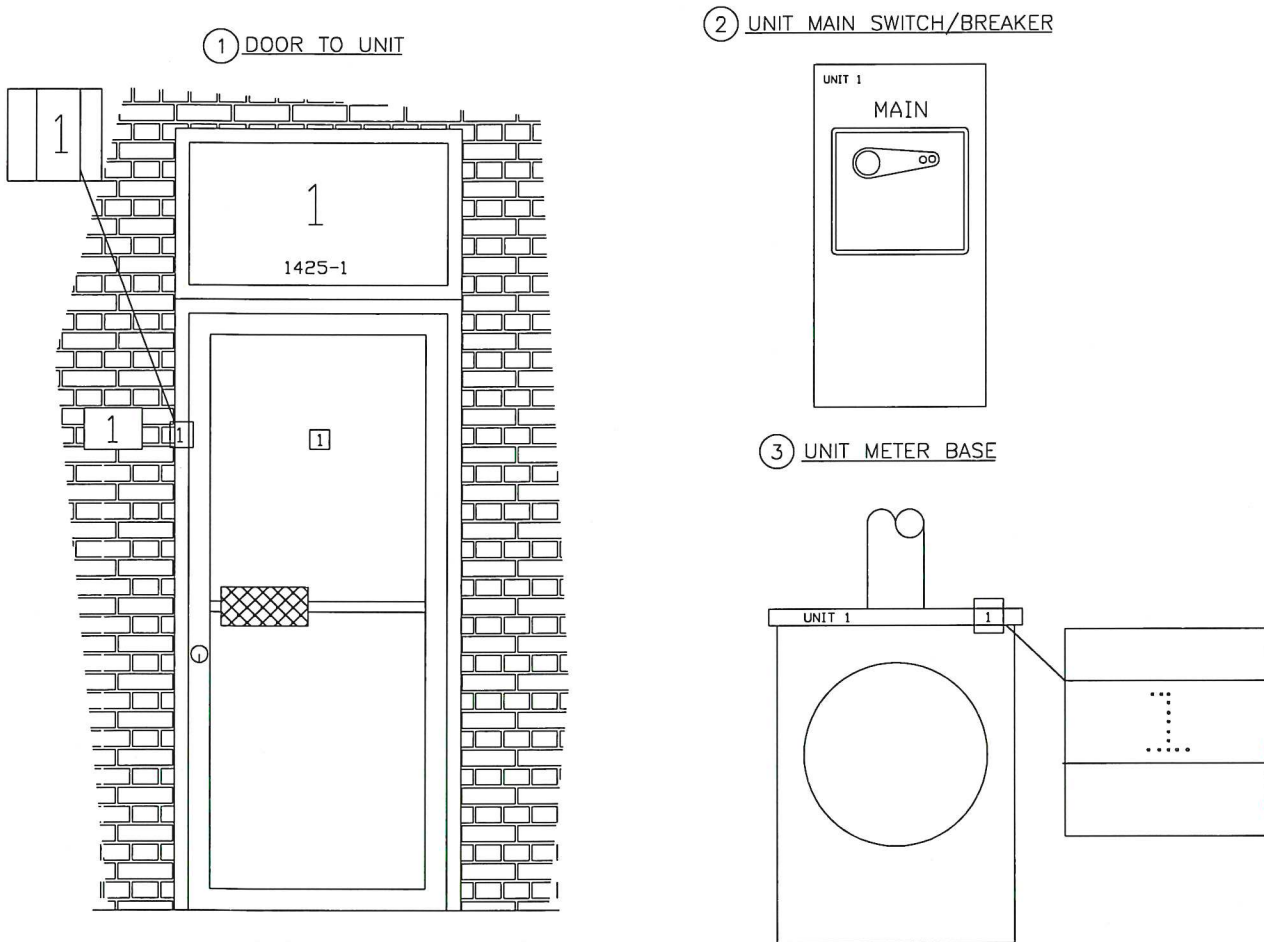
Appendix 'A'

Metering Standards

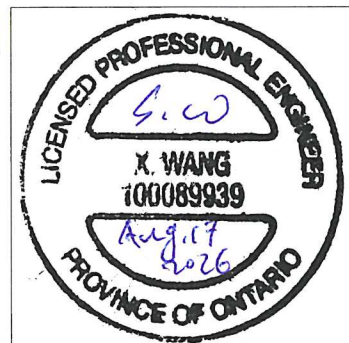
Standard Number	Standard Title
MS-1	Multiple-Unit Metering Identification Detail
MS-2	Bonding, Metering Cabinets, Electronic Metering – Equipment Layout
MS-10A	Single To Multiple Unit Metering Up To And Including 200 Amps, 120/240V, Single And Ganged Meter Bases, Underground Service – Equipment Layout
MS-10B	Multiple Unit Metering, Up To And Including 200 Amps Per Metered Sub-Service, 120/240V, Ganged Meter Bases, Underground or Overhead Service – Load Side Wiring Configuration Specification
MS-10C	Central Metered Pad Mount, Single Phase, 200-600 Amp, 120/240V Service – Equipment Layout
MS-10D	400 Amp, Single-Phase, 120/240V With Transformer-Rated Combination Meter Base – Overhead or Underground Service - Equipment Layout
MS-10E	Central Metered Service, 200Amp To 600 Amp, 120/240V – Pole Mounted Transformer
MS-10F	400 Amp, Single-Phase, 120/240V With Meter Cabinet
MS-20A	Multiple Unit Metering, Below 225 Amps – 120/240V, 120/208V And 347/600V Without Meter Centre – Equipment Layout
MS-20B	Multiple Unit Metering, Up to 200A – 120/240V, 120/208V And 347/600V With Meter Centre – Equipment Layout
MS-30A	Meter Base – Standard Mounting Layout for Three Phase, Secondary Services With Low-Voltage Switchgear, 120/208V or 347/600V
MS-30B	Multiple Unit Metering, Combination of Services Below And Above 225 Amps – 120/240V, 120/208V And 347/600V – Equipment Layout
MS-30C	Multiple Unit Metering – Combination of Service Sizes With Check Meter – 120/240V, 120/208V And 347/600V – Equipment Layout
MS-30D	Meter Cabinet – Standard Mounting Layout For Three Phase, Secondary Services 225-800 Amps Without Switchgear

Standard Number	Standard Title
MS-50A	Meter Base – Standard Mounting Layout For Three Phase, Distributed Generation Secondary Services, 120/208V or 347/600V Below 225A
MS-50B	Meter Cabinet – Standard Mounting Layout For Distributed Generation Secondary Services, 120/208V or 347/600V, 225-800 Amps Without Switchgear, With Scada
MS-50C	Meter Cabinet – Standard Mounting Layout For Distributed Generation Secondary Services, 120/208V or 347/600V, 225-800 Amps Without Switchgear, Without Scada

TITLE: MULTIPLE UNIT METERING IDENTIFICATION DETAIL



- ① UNIT NUMBER MUST BE PERMANENTLY MARKED, EASILY IDENTIFIABLE AND A MINIMUM TEXT SIZE OF 50mm (2"). PERMANENT MARKER OR NUMBERS ON PAPER TAPED TO DOOR ARE NOT ACCEPTABLE MEANS OF UNIT IDENTIFICATION
- ② UNIT NUMBER MUST BE PERMANENTLY MARKED ON MAIN SWITCH/BREAKER. PERMANENT MARKER ACCEPTABLE ON INDOOR EQUIPMENT
- ③ UNIT NUMBER MUST BE PERMANENTLY MARKED ON NON-REMOVABLE PORTION OF METER BASE (AS SHOWN) AND ALSO MARKED ON THE INSIDE OF THE METER BASE. ACCEPTABLE MEANS OF MARKING INCLUDE ENGRAVED WITH ELECTRIC ETCHER, CENTER PUNCH DOTS (AS SHOWN), OR PAINT PEN. PERMANENT MARKER ACCEPTABLE ON INDOOR EQUIPMENT ONLY.
- ④ STREET ADDRESS FOR BUILDING MUST BE CLEARLY POSTED
- ⑤ UNITS NOT SUFFICIENTLY IDENTIFIED WILL NOT BE CONNECTED UNTIL IN COMPLIANCE WITH THIS STANDARD



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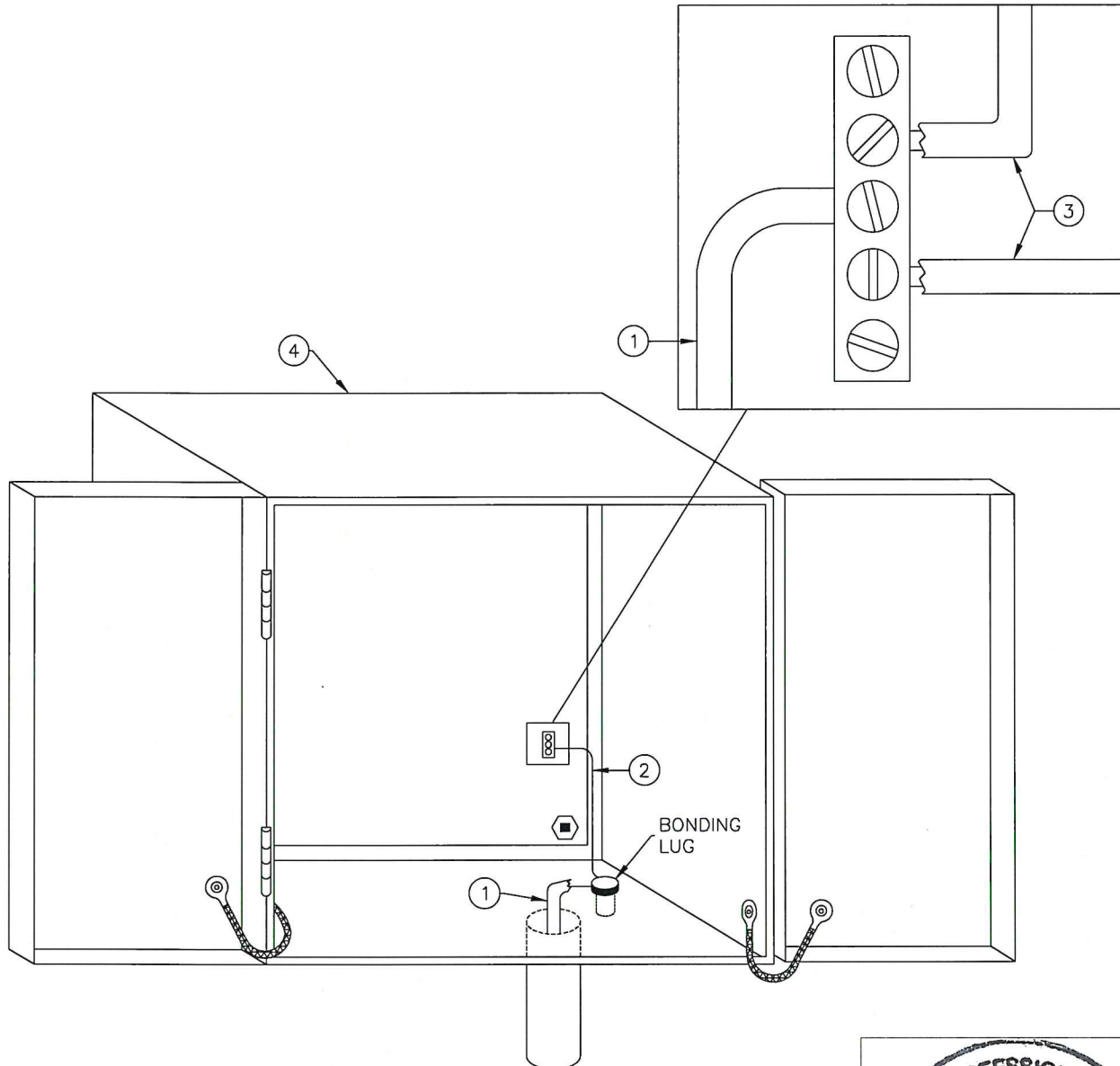
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Shawn Wang Aug. 17, 2026
Date

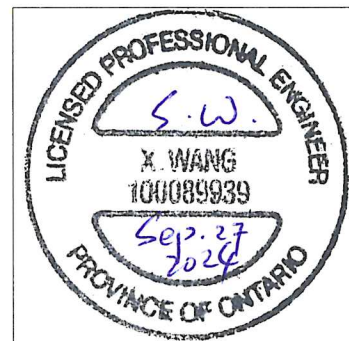
Signature & Professional Designation

REV.	DESCRIPTION	DATE	INITIALS
1	UPDATED TO NEW DRAFTING STANDARD	03/23/2021	BD
2	ENOVA STANDARDS UPDATE	02/22/2024	RO
3	NOTES UPDATED	07/31/2026	BM

TITLE: BONDING, METERING CABINETS, ELECTRONIC METERING EQUIPMENT LAYOUT



- ① #6 CU (GREEN INSULATION) TO MAIN SERVICE GROUND SUPPLIED AND INSTALLED BY CUSTOMER/CONTRACTOR
- ② 150mm TO 200mm (6" TO 8") AFTER ENTERING CABINET, TERMINATE AT BONDING LUG AND CONTINUE TAIL TO LOWER RIGHT CORNER OF BACK PLATE
- ③ #12 CU (GREEN INSULATION) TO HYDRO METERING EQUIPMENT AND BOND CONNECTOR
- ④ METERING CABINET TO BE COMPLETE WITH A REMOVABLE BACK PLATE & TWO (2) SIDE HINGED OPENING DOORS

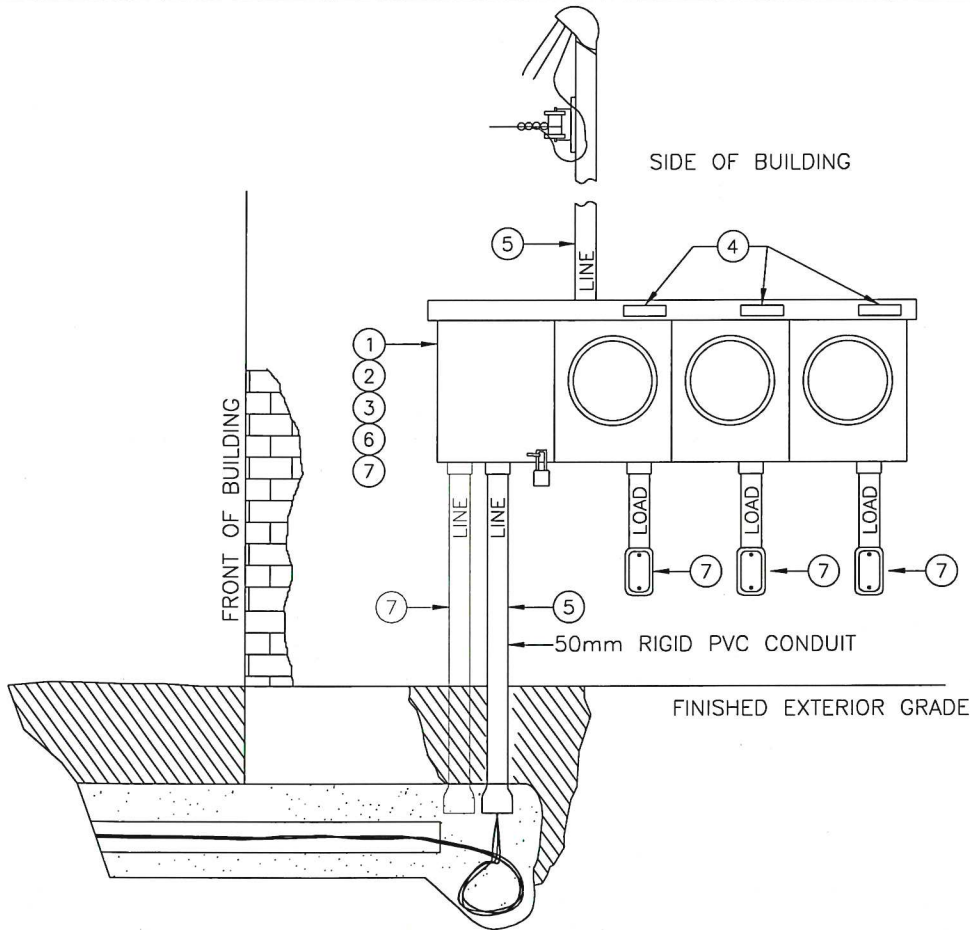


- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)

REV.	DESCRIPTION	DATE	INITIALS
1	UPDATED TO NEW DRAFTING STANDARD	03/23/2021	BD
2	ENOVA STANDARDS UPDATE	02/22/2024	RO

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Signature & Professional Designation: *P. Eng.*



- ① METER BASE(S) TO BE LOCATED ON EXTERIOR OF BUILDING AND MOUNTED AT 1.5m (5'0") $\pm$ 150mm (6") FROM FINISHED ELEVATION TO CENTER OF METER GLASS/FACE. SEE SELECTION TABLE IN APPENDIX B FOR APPROVED METER BASES
 - ② METER BASE(S) TO BE WITHIN 3m (118") OF FRONT CORNER OF BUILDING
 - ③ BLANK COMPARTMENT WITH PROVISIONS FOR AN EXTERNAL PADLOCK IS REQUIRED FOR ALL U/G MULTI-POSITION METER BASES
 - ④ METERING SPECIFICATIONS MS-1 AND MS-10B APPLY FOR MULTI-UNIT METERING INSTALLATIONS
 - ⑤ CABLE AND CONDUIT LOCATIONS FOR LINE/LOAD CONDUCTORS MAY VARY DEPENDING ON OVERHEAD OR UNDERGROUND FEED CONFIGURATION.
 - ⑥ ENOVA OWNED U/G SERVICE CABLES MUST RUN DIRECTLY INTO THE BLANK COMPARTMENT. BLANK COMPARTMENT SHALL BE USED FOR ENOVA'S SERVICE CABLES ONLY.
 - ⑦ METER BASE MAIN RATING (200A/400A) SHALL MEET ESA REQUIREMENTS. ENOVA REQUIRES AN U/G 400A RATED GANGED METER BASE WITH TWO 50mm RIGID PVC CONDUITS (PARALLEL RUNS OF ENOVA OWNED U/G SERVICE CABLES) WHEN THE CUMULATIVE NAMEPLATE RATING OF ALL PANELS EXCEEDS 400A.
- METER BASE SHALL BE MOUNTED AND SECURED TO WALL AS PER ELECTRICAL SAFETY AUTHORITY (ESA) REQUIREMENTS. RECESSED METER BASES ARE NOT PERMITTED.
 - NO PART OF METER BASE(S) IS PERMITTED TO BE ABOVE CENTRAL AIR CONDITIONERS, WINDOW WELLS OR ANY OBSTABLES THAT PREVENT ACCESS TO METER
 - NO PART OF METER BASE IS PERMITTED WITHIN 1m (39") OF THE DISCHARGE OPENING OF A NATURAL GAS METER RELIEF DEVICE (VENT).
 - MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S)



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Shaun Wang May 14, 2026
Date

P. Eng
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REV.	DESCRIPTION	DATE	INITIALS
5	CONDUIT NOTE ADDED	05/07/2025	BM
6	NOTES UPDATED	05/27/2025	BM
7	NOTES UPDATED	05/14/2026	BM



DATE:
2026-05-14

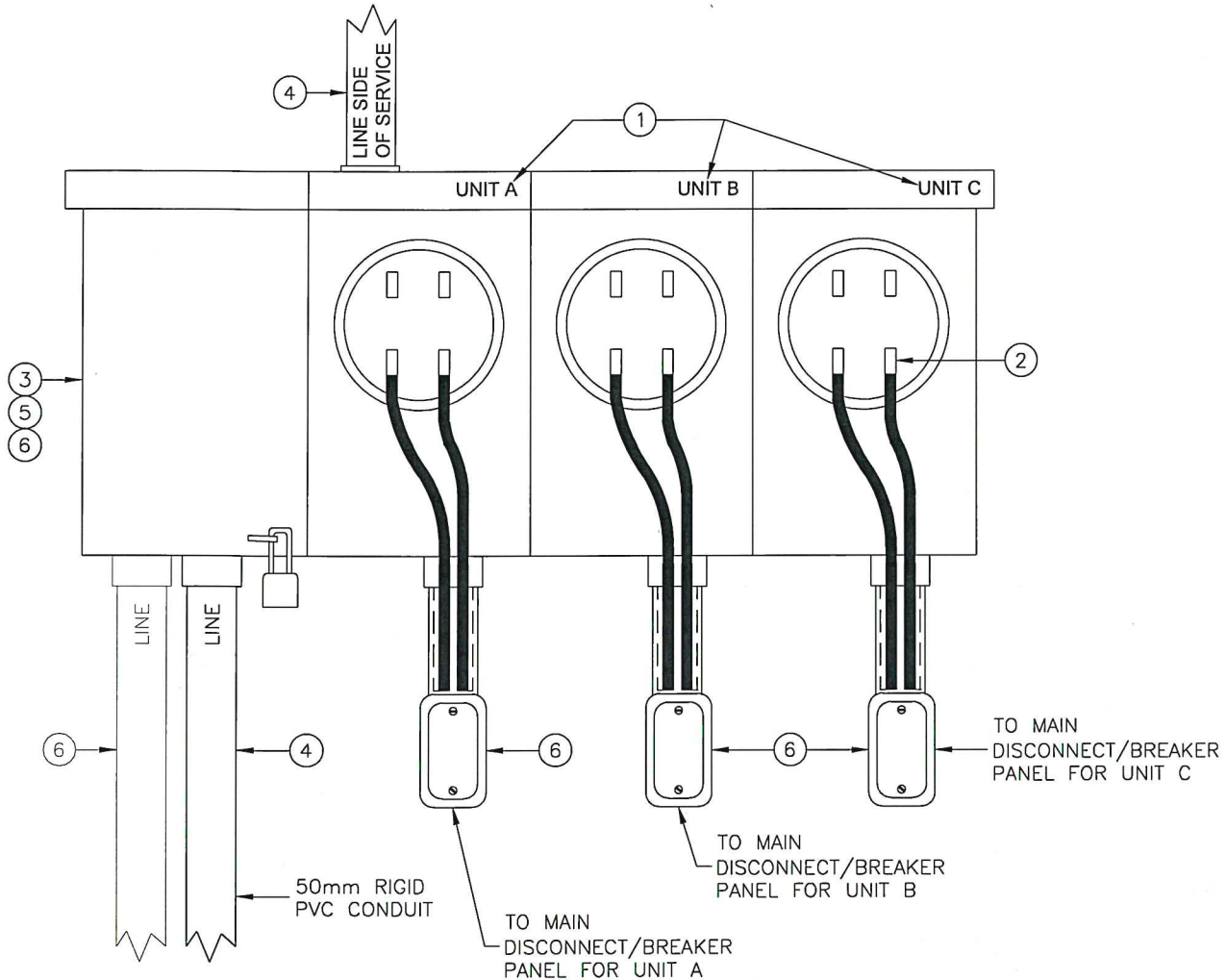
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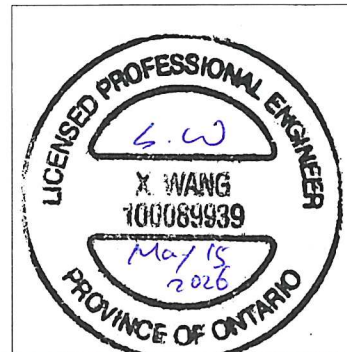
MS-10B

TITLE: **MULTIPLE UNIT METERING, UP TO AND INCLUDING 200 AMPS PER METERED SUB-SERVICE, 120/240V, GANGED METER BASES, UNDERGROUND OR OVERHEAD - LOAD SIDE WIRING CONFIGURATION SPECIFICATION**



- ① UNIT NUMBERING ON METER BASE AS PER SPECIFICATION DRAWING MS-1
- ② LOAD SIDE OF HYDRO METER
- ③ BLANK COMPARTMENT WITH PROVISIONS FOR AN EXTERNAL PADLOCK IS REQUIRED FOR ALL U/G MULTI-POSITION METER BASES
- ④ CABLE AND CONDUIT LOCATIONS FOR LINE/LOAD CONDUCTORS MAY VARY DEPENDING ON OVERHEAD OR UNDERGROUND FEED CONFIGURATION
- ⑤ ENOVA OWNED U/G SERVICE CABLES MUST RUN DIRECTLY INTO THE BLANK COMPARTMENT. BLANK COMPARTMENT SHALL BE USED FOR ENOVA'S SERVICE CABLES ONLY
- ⑥ METER BASE MAIN RATING (200A/400A) SHALL MEET ESA REQUIREMENTS. ENOVA REQUIRES AN U/G 400A RATED GANGED METER BASE WITH TWO 50mm RIGID PVC CONDUITS (PARALLEL RUNS OF ENOVA OWNED U/G SERVICE CABLES) WHEN THE CUMULATIVE NAMEPLATE RATING OF ALL PANELS EXCEEDS 400A.

- METER BASES TO NOT BE USED AS RACE WAY
- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S)



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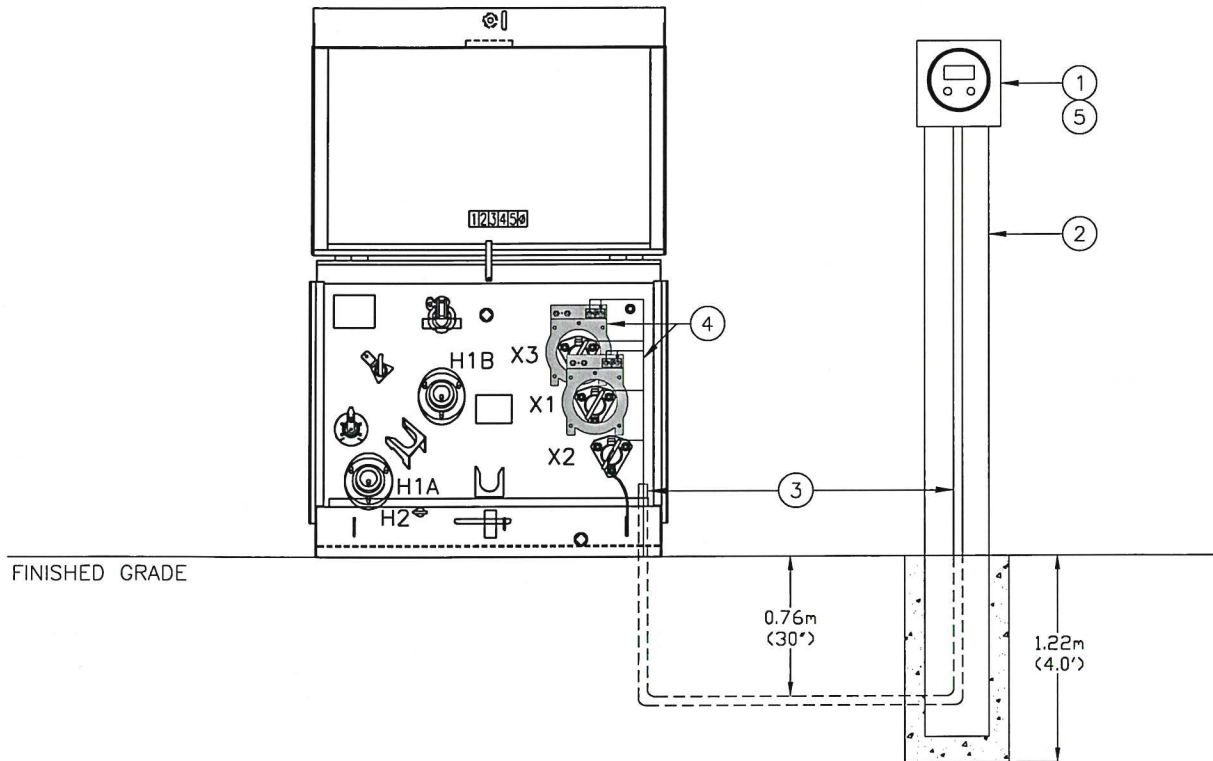
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Shaun Wang May 15, 2026
Date

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5	CONDUIT NOTE ADDED	05/07/2025	BM
6	NOTES UPDATED	05/27/2025	BM
7	NOTES UPDATED	05/14/2026	BM

TITLE: CENTRAL METERED PAD MOUNT, SINGLE PHASE, 200-600 AMP, 120/240V
SERVICE - EQUIPMENT LAYOUT



- ① CUSTOMER/CONTRACTOR TO SUPPLY & INSTALL AN EPC APPROVED 5-JAW METER BASE (5TH JAW IN THE 9 O'CLOCK POSITION) WITH AUTOMATIC BYPASS AT THE CURRENT CIRCUIT ON THE LEFT SIDE. METER BASE TO BE MOUNTED AT 1.5m (5'0") $\pm$ 150mm (6") FROM FINISHED GRADE ELEVATION TO CENTER OF METER. SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES
- ② FREE STANDING STRUCTURE SPECIFICATIONS:
 - a. 1 - 6"X6"X10' PRESSURE TREATED POST (MINIMUM 1.22m (4') INSTALLED SUB-GRADE
 - b. POSTS TO BE CONCRETE ENCASED IN MINIMUM 1.22m (4') DEEP SONOTUBES
 - c. POST TO BE LOCATED WITHIN 1m OF TRANSFORMER VAULT
- ③ 25mm (1") PVC CONDUIT-MUST BE CONTINUOUS FROM ABOVE FINISHED GRADE IN PAD MOUNT TRANSFORMER TO METER BASE
- ④ HYDRO WILL SUPPLY AND INSTALL METERING C.T.'S AND METERING WIRE
- ⑤ ELECTRICAL CONTRACTOR TO SUPPLY SUFFICIENT #6 GREEN WIRE TO BOND METER CABINET TO TRANSFORMER.

- SEE EPC UNDERGROUND STANDARDS DOCUMENT FOR TRANSFORMER AND CABLE INSTALLATION DETAILS
- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)



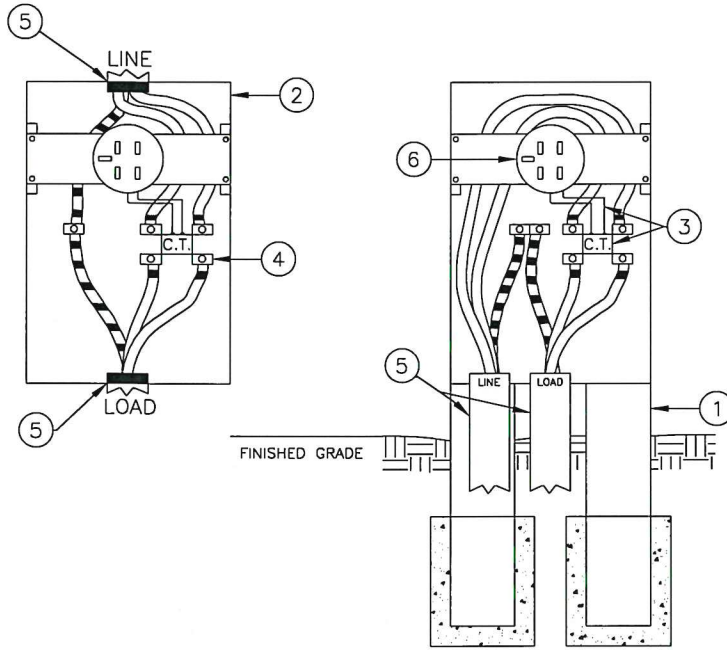
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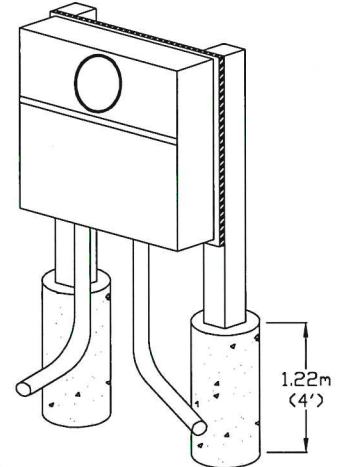
Shaw Wong *Aug. 17, 2026*
Date

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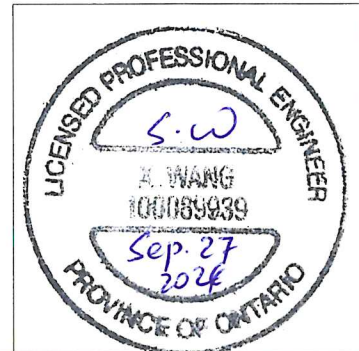
REV.	DESCRIPTION	DATE	INITIALS
2	ENOVA STANDARDS UPDATE	02/22/2024	RO
3	ENOVA STANDARDS UPDATE	05/30/2024	BD
4	NOTES UPDATED	07/31/2026	BM



FREE STANDING STRUCTURE
CONSTRUCTION DETAIL:
SEE NOTE 1 FOR REQUIREMENTS



- ① FREE STANDING STRUCTURE SPECIFICATIONS:
 - a. 2 - 6"x6"x10' PRESSURE TREATED POSTS (MINIMUM 1.22m (4')) INSTALLED SUB-GRADE
 - b. POSTS TO BE CONCRETE ENCASED IN MINIMUM 1.22m (4') DEEP SONOTUBES
 - c. BACKBOARD TO BE 16mm (5/8") OR 19mm (3/4") PLYWOOD WITH 25.4mm (1") OVERLAP ON ALL SIDES OF METER ENCLOSURE
- ② METER BASE DIMENSIONS (APPROXIMATE) 750mm X 460mm X 200mm (30" X 18" X 8") TO BE MOUNTED AT 1.5m (5'0") ± 150mm (6") FROM FINISHED GRADE ELEVATION TO CENTER OF METER. SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES
- ③ ENOVA TO PROVIDE CURRENT TRANSFORMER (C.T.) AND WIRING ON SECONDARY SIDE OF C.T.
- ④ CUSTOMER/CONTRACTOR TO SUPPLY AND INSTALL ALL LUGS FOR CONNECTIONS ON PRIMARY SIDE OF C.T.
- ⑤ CABLE CONDUIT LOCATIONS FOR LINE/LOAD CONDUCTORS MAY VARY DEPENDING ON OVERHEAD OR UNDERGROUND FEED CONFIGURATION
- ⑥ 5-JAW METER BASE MUST BE EQUIPPED WITH AN AUTOMATIC BYPASS SWITCH FOR THE CURRENT CIRCUIT WITH 5TH JAW IN 9 O'CLOCK POSITION

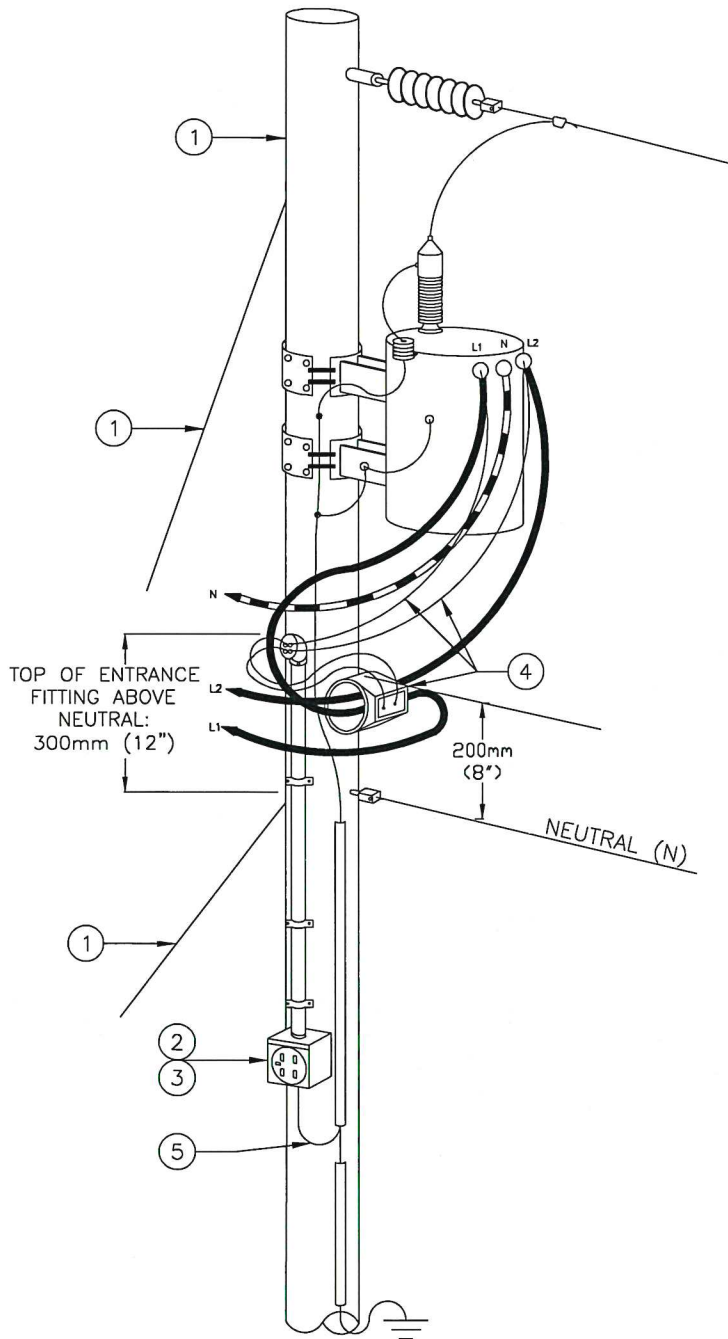


- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)

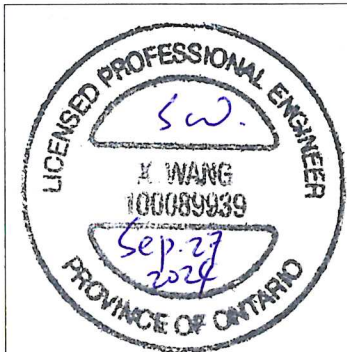
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0	CREATION OF STANDARD	03/23/2024	CA
1	ENOVA STANDARDS UPDATE	05/30/2024	BD

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Signature: *PENG*
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- ① CUSTOMER-OWNED TRANSFORMER POLE MUST BE:
 - a. SUPPLIED & INSTALLED BY CUSTOMER/CONTRACTOR (LOCATION SUBJECT TO HYDRO APPROVAL)
 - b. MINIMUM 45' CLASS 3 WOOD, PRESSURE-TREATED BUTT (TREATED WITH AN APPROVED WOOD PRESERVATIVE) TO APPROXIMATELY 300mm (12") ABOVE GRADE. MINIMUM SETTING DEPTH OF POLE: 1.98m (6'6").
 - c. BACK-GUYED & ANCHORED AS PER ESA (1.37m (54") FIBERGLASS ROD SHALL BE USED ON ALL GUYS)
 - d. FRAMED & INSULATED FOR 27.6KV OPERATING VOLTAGE
- ② METER BASE MOUNTING HEIGHT MUST BE 1.5m (5'0") ±150mm (6") FROM FINISHED GRADE TO CENTER OF METER FACE/GLASS
- ③ CUSTOMER/CONTRACTOR TO SUPPLY & INSTALL AN APPROVED 5-JAW METER BASE (5TH JAW IN THE 9 O'CLOCK POSITION) WITH AUTOMATIC BYPASS AT THE CURRENT CIRCUIT ON THE LEFT SIDE AND A 25mm (1") PVC CONDUIT UP THE POLE, COMPLETE WITH WEATHER HEAD AT SPECIFIED HEIGHT. SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES
- ④ HYDRO WILL SUPPLY & INSTALL THE METERING CT AND METERING WIRE
- ⑤ #6 BOND WIRE TO BE INSTALLED BY CUSTOMER/CONTRACTOR



- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)

Certificate of Approval

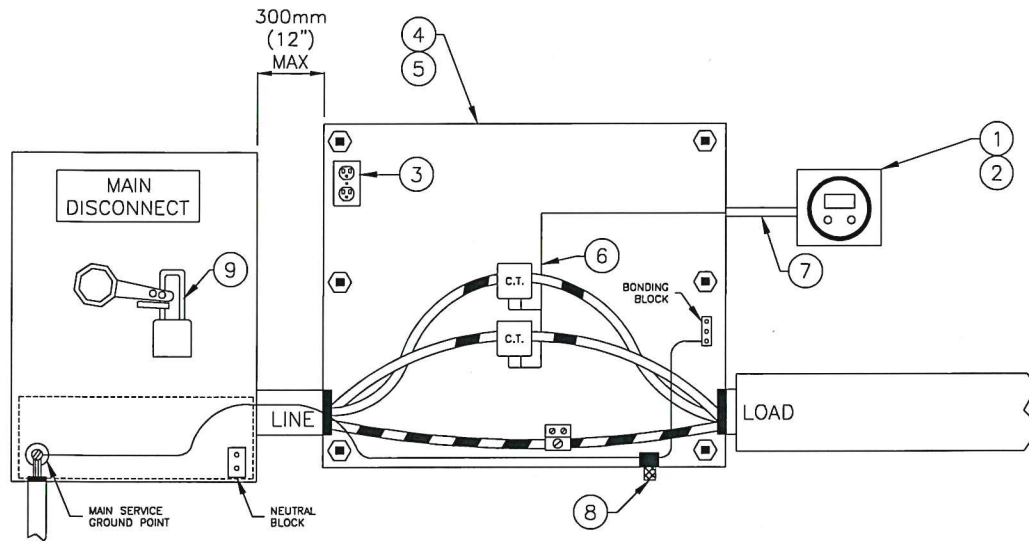
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Shaun Wang. Sep 27 2024
Date

P. Eng.
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1	UPDATED TO NEW DRAFTING STANDARD	03/23/2021	BD
2	ENOVA STANDARDS UPDATE	02/22/2024	RO
3	ENOVA STANDARDS UPDATE	05/30/2024	BD

METER CABINET - STANDARD MOUNTING LAYOUT FOR SINGLE PHASE, SECONDARY SERVICES 225-600 AMPS WITHOUT SWITCHGEAR



FINISHED FLOOR ELEVATION

- ① CUSTOMER/CONTRACTOR TO SUPPLY & INSTALL AN APPROVED 5-JAW METER BASE (5TH JAW IN THE 9 O'CLOCK POSITION) WITH AUTOMATIC BYPASS AT THE CURRENT CIRCUIT ON THE LEFT SIDE. METER BASE TO BE MOUNTED ON EXTERIOR WALL AT 1.5m (5'0") $\pm$ 150mm (6") FROM FINISHED GRADE ELEVATION TO CENTER OF METER. SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES.
- ② METER BASE TO BE WITHIN 3m (118") OF FRONT CORNER OF BUILDING.
- ③ GROUNDED 120VAC DUPLEX RECEPTACLE – FED FROM DEDICATED 15A SINGLE POLE BREAKER, SUPPLIED & INSTALLED BY CUSTOMER'S CONTRACTOR.
- ④ METER CABINET DIMENSIONS 900mm x 900mm x 300mm (36"x36"x12") OR ALTERNATE SIZE OF 1200mm x 1200mm x 300mm (48"x48"x12") COMPLETE WITH REMOVABLE BACK PLATE AND 2 SIDE-HINGED CENTER OPENING DOORS. CABINET TO BE MOUNTED AT A HEIGHT OF 1.83m (6') $\pm$ 50mm (2") FROM FINISHED FLOOR ELEVATION TO TOP OF CABINET. FOR OUTDOOR INSTALLATIONS, A STAINLESS STEEL NEMA 3R CABINET IS REQUIRED COMPLETE WITH A 200W HEATER (HEATER BY CUSTOMER).
- ⑤ METER CABINET MUST BE SECURELY FASTENED TO SUPPORTING WALL WITH AN ADEQUATE NUMBER OF PROPERLY SIZED FASTENERS TO SUPPORT A FULLY LOADED CABINET AND BACK PLATE ASSEMBLY WEIGHT OF 90KG (200LBS)
- ⑥ FUSING REQUIRED ON POTENTIAL CONDUCTORS IF CONDUCTOR LENGTH IS >3m (118")
- ⑦ 25mm (1") EMT OR PVC CONDUIT MAXIMUM LENGTH 15m (50') OF CONDUIT—MUST BE CONTINUOUS FROM METER CABINET TO METER BASE.
- ⑧ BONDING LUG AS PER DRAWING MS-2.
- ⑨ MAIN DISCONNECT MUST BE LOCKABLE.

- ALL METERING CT'S AND PT'S TO BE LOCATED ON LOAD SIDE OF MAIN DISCONNECT
- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)

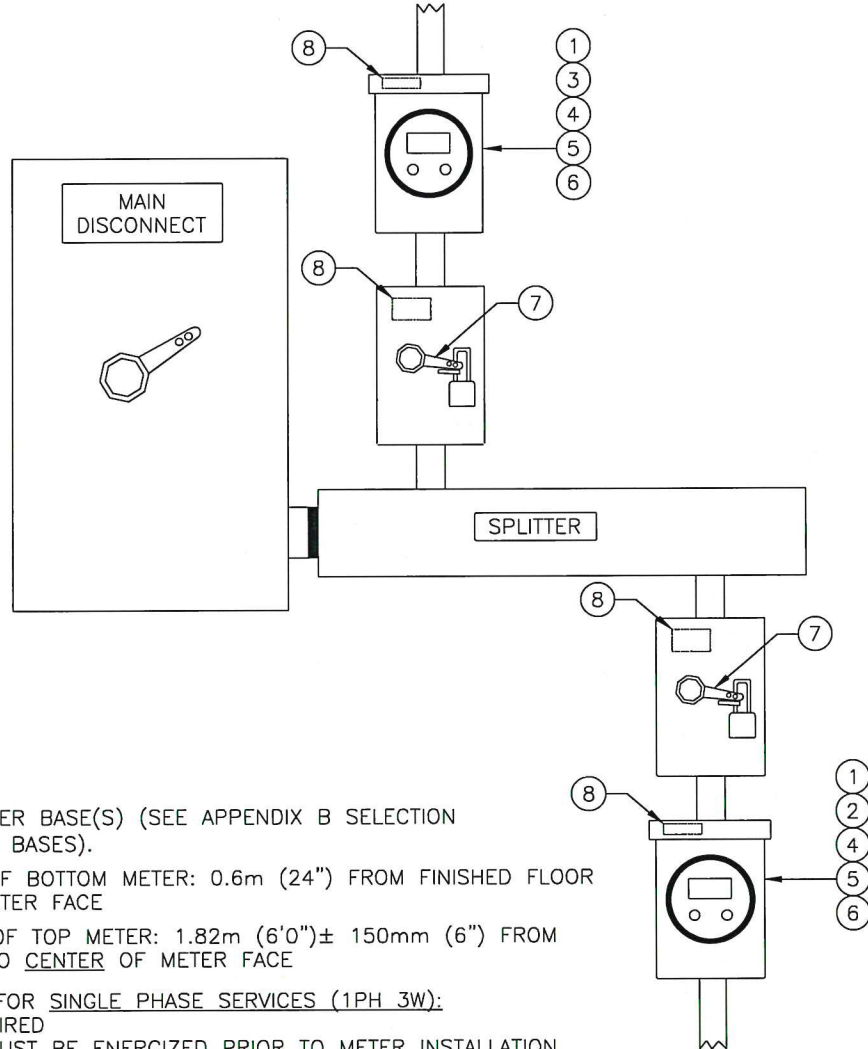


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Signature & Professional Designation: *P. Eng.*

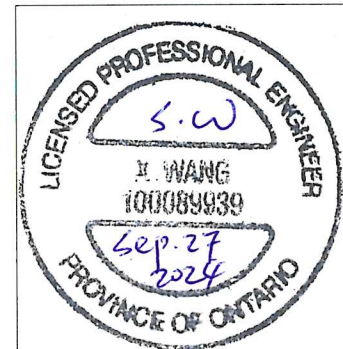
REV.	DESCRIPTION	DATE	INITIALS
2	ENOVA STANDARDS UPDATE	02/22/2024	RO
3	ENOVA STANDARDS UPDATE	07/05/2024	BD
4	NOTE 4 REVISED	07/14/2025	BM

TITLE: MULTIPLE UNIT METERING, BELOW 225 AMPS - 120/240V, 120/208V AND 347/600V WITHOUT METER CENTRE - EQUIPMENT LAYOUT



- ① APPROVED SUB-SERVICE METER BASE(S) (SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES).
- ② MINIMUM MOUNTING HEIGHT OF BOTTOM METER: 0.6m (24") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER FACE
- ③ MAXIMUM MOUNTING HEIGHT OF TOP METER: 1.82m (6'0") ± 150mm (6") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER FACE
- ④ METER BASE REQUIREMENTS FOR SINGLE PHASE SERVICES (1PH 3W):
 - a. 4-JAW METER BASE REQUIRED
 - b. LINE SIDE CONDUCTORS MUST BE ENERGIZED PRIOR TO METER INSTALLATION
 - c. NEUTRAL CONDUCTOR MUST BE BROUGHT INTO AND TERMINATED IN EACH METER BASE
- ⑤ METER BASE REQUIREMENTS FOR THREE PHASE SERVICES (3PH 4W):
 - a. 7-JAW METER BASE REQUIRED
 - b. ALL THREE PHASES TO THE LINE SIDE OF THE METER BASE MUST BE ENERGIZED PRIOR TO METER INSTALLATION
 - c. NEUTRAL CONDUCTOR MUST BE BROUGHT INTO AND TERMINATED IN EACH METER BASE
- ⑥ METER BASE REQUIREMENTS FOR NETWORK SERVICES (2PH 3W):
 - a. 5-JAW METER BASE REQUIRED WITH 5TH JAW IN 9 O'CLOCK POSITION
 - b. BOTH PHASES TO THE LINE SIDE OF THE METER BASE MUST BE ENERGIZED PRIOR TO METER INSTALLATION
 - c. NEUTRAL CONDUCTOR MUST BE BROUGHT INTO AND TERMINATED IN EACH METER BASE
- ⑦ EACH SUB-SERVICE IS TO BE COMPLETE WITH LOCKABLE DISCONNECT
- ⑧ UNIT LABELING AS PER METERING SPECIFICATION MS-1

- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)



Certificate of Approval

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Shawn Wang

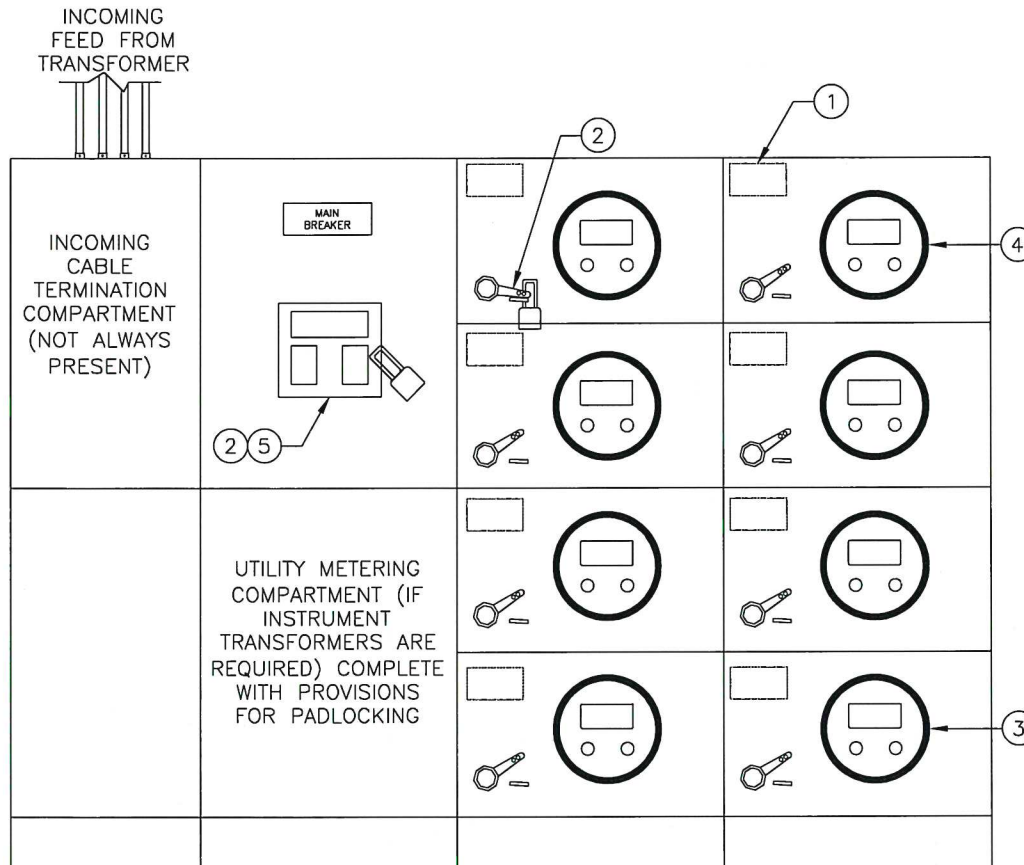
Sep. 27, 2024

Date

P. Eng.

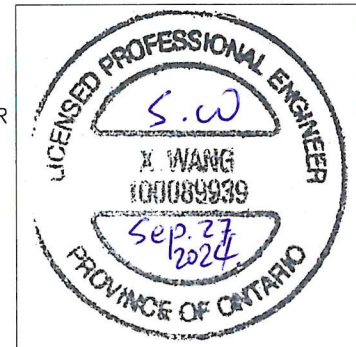
Signature & Professional Designation

REV.	DESCRIPTION	DATE	INITIALS
1	UPDATED TO NEW DRAFTING STANDARD	03/23/2021	BD
2	ENOVA STANDARDS UPDATE STANDARD	02/22/2024	RO
3	ENOVA STANDARDS UPDATE	05/30/2024	BD



FINISHED FLOOR ELEVATION

- ① UNIT NUMBERING AS PER DRAWINGS MS-1
- ② ALL DISCONNECTS MUST BE LOCKABLE
- ③ MINIMUM MOUNTING HEIGHT OF BOTTOM METER: 0.6m (24") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER FACE
- ④ MAXIMUM MOUNTING HEIGHT OF TOP METER: 1.82m (6'0") ± 150mm (6") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER FACE
- ⑤ ALL ELECTRICAL INPUTS TO THIS EQUIPMENT MUST BE CONNECTED ON THE LOAD SIDE OF THE REVENUE METERING INSTRUMENTS, OUTSIDE OF THE METERING TRANSFORMER COMPARTMENT

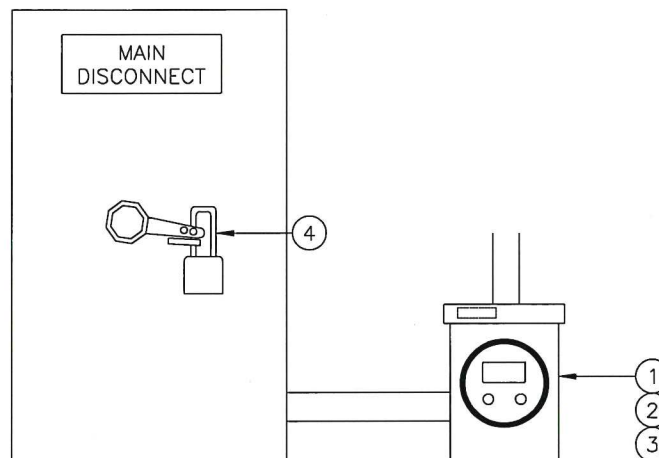


- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)

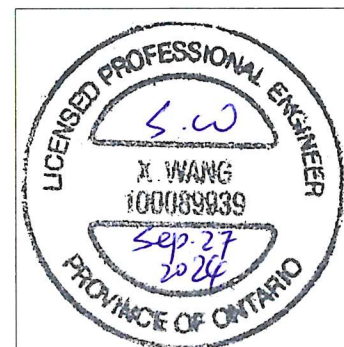
REV.	DESCRIPTION	DATE	INITIALS
1	UPDATED TO NEW DRAFTING STANDARD	03/23/2021	BD
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3	ENOVA STANDARDS UPDATE	05/30/2024	BD

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Shaun Wang Sep. 27, 2024
Date
P. Eng
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- ① APPROVED SUB-SERVICE METER BASE(S) WITH ISOLATED NEUTRAL BLOCK. METER BASE TO BE LOCATED ON GROUND LEVEL FLOOR AND MOUNTED AT 1.5m (5'0") $\pm$ 150mm (6") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER. SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES
- ② METER BASE REQUIREMENTS FOR THREE PHASE SERVICES (3PH 4W):
 - a. 7-JAW METER BASE REQUIRED
 - b. ALL THREE PHASES TO THE LINE SIDE OF THE METER BASE MUST BE ENERGIZED PRIOR TO METER INSTALLATION
 - c. NEUTRAL CONDUCTOR MUST BE BROUGHT INTO AND TERMINATED AT THE METER BASE
- ③ METER BASE REQUIREMENTS FOR NETWORK SERVICES (2PH 3W):
 - a. 5-JAW METER BASE REQUIRED WITH 5TH JAW IN 9 O'CLOCK POSITION
 - b. BOTH PHASES TO THE LINE SIDE OF THE METER BASE MUST BE ENERGIZED PRIOR TO METER INSTALLATION
 - c. NEUTRAL CONDUCTOR MUST BE BROUGHT INTO AND TERMINATED AT THE METER BASE
- ④ MAIN DISCONNECT MUST BE LOCKABLE



- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)

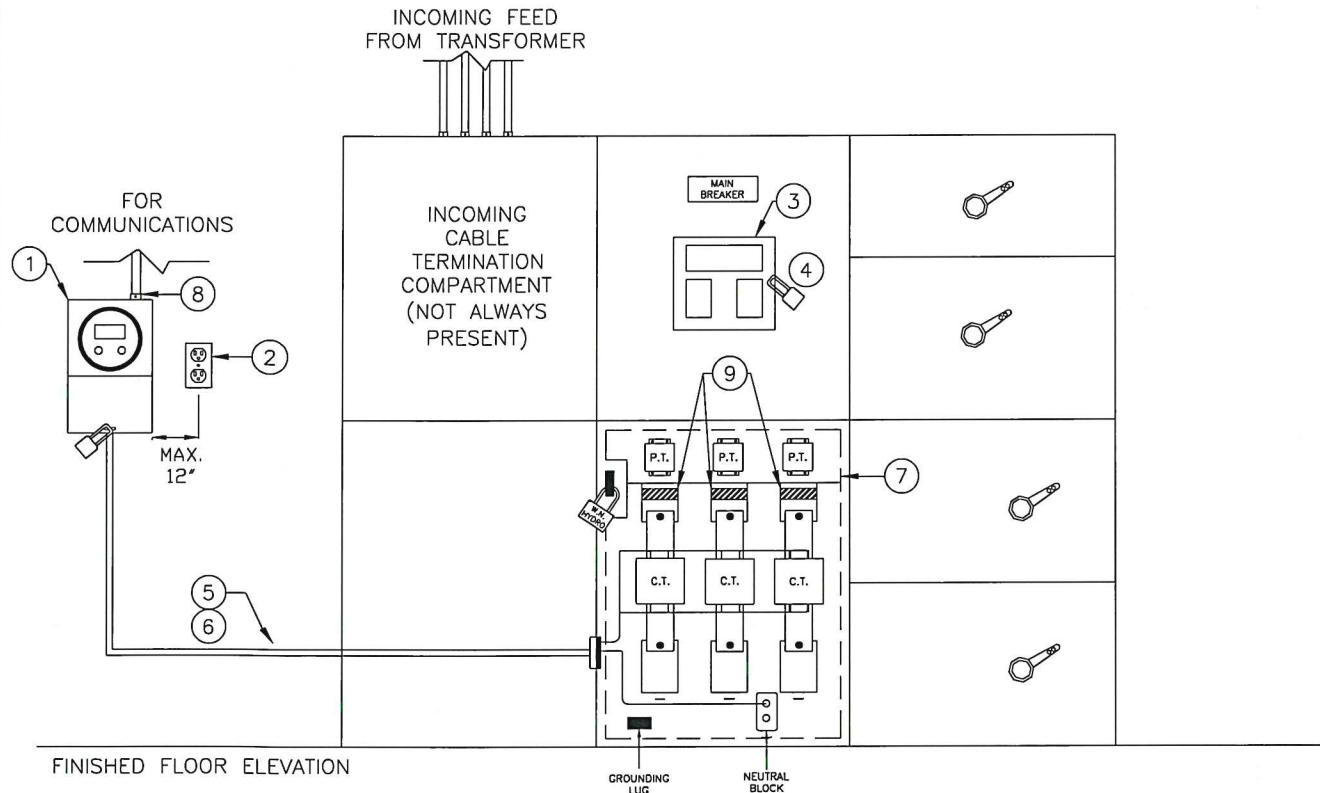
REV.	DESCRIPTION	DATE	INITIALS
1	STANDARD CREATED	05/30/2024	BD

Certificate of Approval
The installation work covered by this document meets the safety requirements of Section 4 of Regulation 22/04

Shaun Wang Sep. 27, 2024
Date

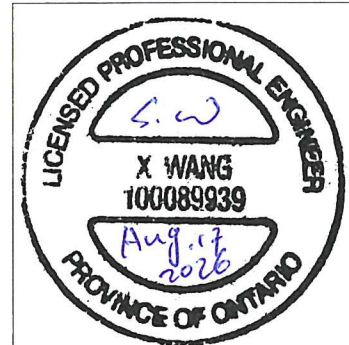
G. P. Eng.
Signature & Professional Designation

TITLE: METER BASE - STANDARD MOUNTING LAYOUT FOR THREE PHASE, SECONDARY SERVICES WITH LOW-VOLTAGE SWITCHGEAR, 120/208V OR 347/600V



- ① 13-JAW METER BASE. METER BASE TO BE LOCATED ON GROUND LEVEL FLOOR AND MOUNTED AT 1.5m (5'0") ± 150mm (6") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER. SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES.
- ② GROUNDED 120VAC DUPLEX RECEPTACLE – FED FROM DEDICATED 15A SINGLE-POLE BREAKER, SUPPLIED & INSTALLED BY CUSTOMER'S CONTRACTOR LABELLED FOR ENOVA POWER ONLY.
- ③ ALL ELECTRICAL INPUTS TO THIS EQUIPMENT MUST BE CONNECTED ON THE LOAD SIDE OF THE REVENUE METERING INSTRUMENTS, OUTSIDE OF THE METERING TRANSFORMER COMPARTMENT.
- ④ MAIN DISCONNECT MUST BE LOCKABLE
- ⑤ FUSING REQUIRED ON POTENTIAL CONDUCTORS IF CONDUCTOR LENGTH IS >3m
- ⑥ 30mm (1-1/4") EMT OR PVC CONDUIT MAXIMUM LENGTH 15m (50') OF CONDUIT—MUST BE CONTINUOUS FROM FRONT OF SWITCHGEAR INSTRUMENT TRANSFORMER COMPARTMENT TO METER BASE
- ⑦ REVENUE METERING INSTRUMENT TRANSFORMER COMPARTMENT
- ⑧ CUSTOMER CONTRACTOR TO INSTALL 30mm (1-1/4") EMT OR PVC CONDUIT FROM 13 JAW METER BASE TO A LOCKABLE 8"x8"x4" NEMA JUNCTION BOX LOCATED 1.5m (5.0") ± 150mm (6") FROM FINISHED GRADE IN AN AREA WITH GOOD CELL RECEPTION FOR COMMUNICATIONS. CONSULT WITH EPC METER DEPARTMENT PRIOR TO INSTALLATION.
- ⑨ PHASE MARKING TAPE – RED, YELLOW, BLUE (LEFT TO RIGHT)

- ALL METERING CT'S AND PT'S TO BE LOCATED ON LOAD SIDE OF MAIN DISCONNECT
- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)



Certificate of Approval

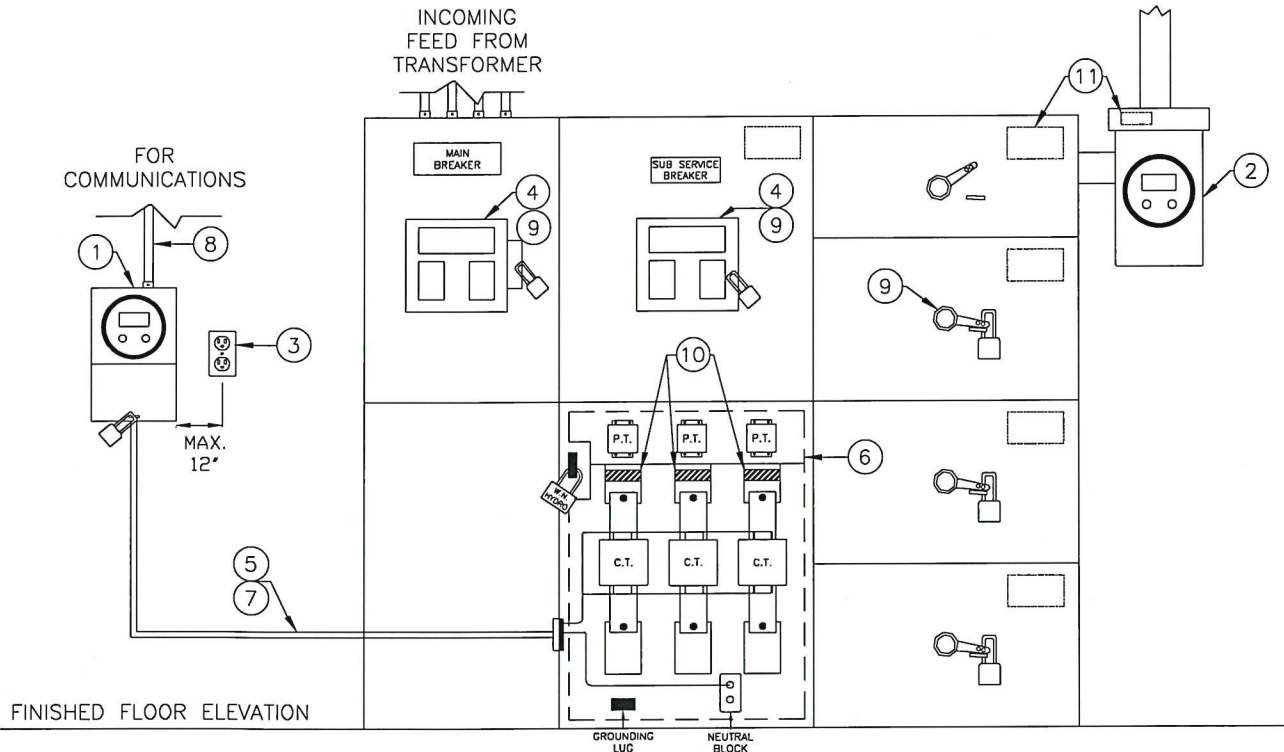
The installation work covered by this document meets the safety requirements of Section 4 of Regulation 22/04

Shawn Wang Aug. 17, 2026
Date

Signature & Professional Designation

REV.	DESCRIPTION	DATE	INITIALS
1	ENOVA STANDARDS UPDATE STANDARD	02/27/2024	RO
2	ENOVA STANDARDS UPDATE STANDARD	07/12/2024	BD
3	NOTES UPDATED	07/31/2026	BM

**TITLE: MULTIPLE UNIT METERING, COMBINATION OF SERVICES BELOW AND ABOVE
225 AMPS - 120/240V, 120/208V AND 347/600V - EQUIPMENT LAYOUT**



- ① 13-JAW METER BASE. METER BASE TO BE LOCATED ON GROUND LEVEL FLOOR AND MOUNTED AT 1.5m (5'0") ± 150mm (6") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER. SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES.
 - ② SUB-SERVICE METER BASES:
SEE EPC METERING SPECIFICATION MS-20A FOR FURTHER SUB-SERVICE REQUIREMENTS.
 - ③ GROUNDED 120VAC DUPLEX RECEPTACLE – FED FROM DEDICATED 15A SINGLE-POLE BREAKER, SUPPLIED & INSTALLED BY CUSTOMER'S CONTRACTOR LABELLED FOR ENOVA POWER ONLY.
 - ④ ALL ELECTRICAL INPUTS TO THIS EQUIPMENT MUST BE CONNECTED ON THE LOAD SIDE OF THE REVENUE METERING INSTRUMENTS, OUTSIDE OF THE METERING TRANSFORMER COMPARTMENT
 - ⑤ FUSING REQUIRED ON POTENTIAL CONDUCTORS IF CONDUCTOR LENGTH IS >3m
 - ⑥ REVENUE METERING INSTRUMENT TRANSFORMER COMPARTMENT
 - ⑦ 30mm (1-1/4") EMT OR PVC CONDUIT MAXIMUM LENGTH 15m (50') OF CONDUIT—MUST BE CONTINUOUS FROM FRONT OF SWITCHGEAR INSTRUMENT TRANSFORMER COMPARTMENT TO METER BASE
 - ⑧ CUSTOMER CONTRACTOR TO INSTALL 30mm (1-1/4") EMT OR PVC CONDUIT FROM 13 JAW METER BASE TO A LOCKABLE 8"x8"x4" NEMA JUNCTION BOX LOCATED 1.5m (5.0") ± 150mm (6") FROM FINISHED GRADE IN AN AREA WITH GOOD CELL RECEPTION FOR COMMUNICATIONS. CONSULT WITH EPC METER DEPARTMENT PRIOR TO INSTALLATION.
 - ⑨ ALL DISCONNECTS MUST BE LOCKABLE
 - ⑩ PHASE MARKING TAPE – RED, YELLOW, BLUE (LEFT TO RIGHT)
 - ⑪ UNIT LABELING AS PER METERING SPECIFICATION MS-1
- ALL METERING CT'S AND PT'S TO BE LOCATED ON LOAD SIDE OF MAIN DISCONNECT
 - MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)



Certificate of Approval

The installation work covered by this document meets the safety requirements of Section 4 of Regulation 22/04

Shawn Wang

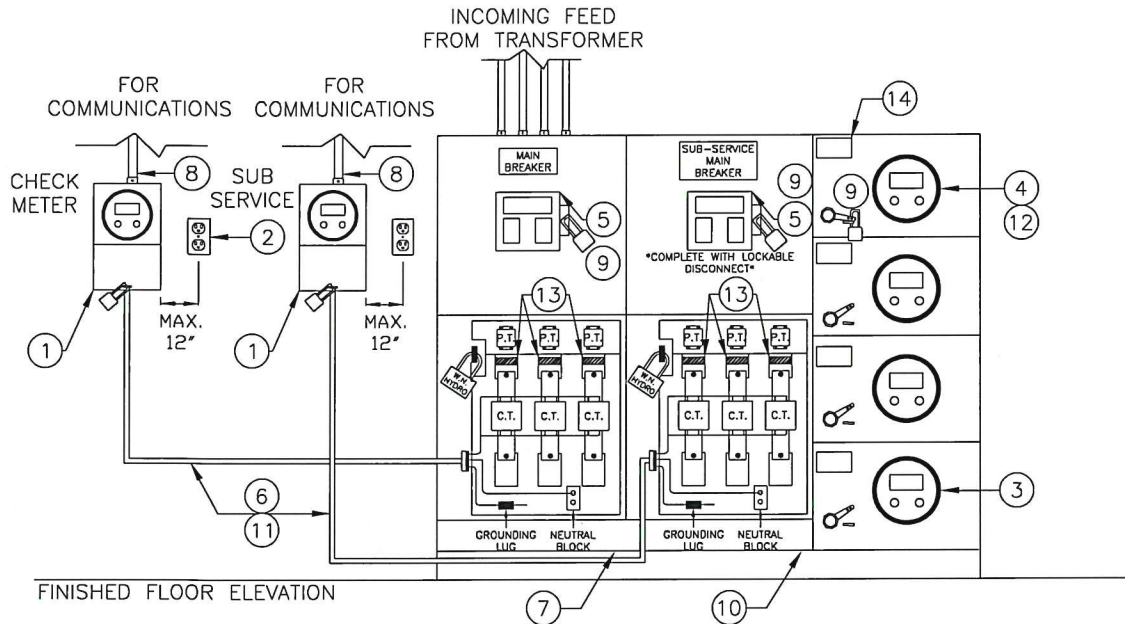
Aug. 17, 2026

P. Ong

Signature & Professional Designation

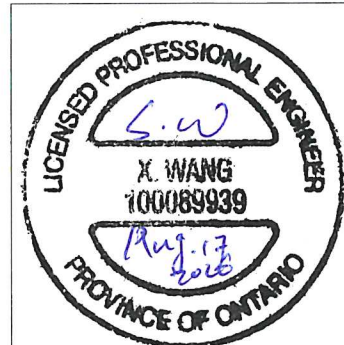
REV.	DESCRIPTION	DATE	INITIALS
2	ENOVA STANDARDS UPDATE STANDARD	02/22/2024	RO
3	ENOVA STANDARDS UPDATE	07/12/2024	BD
4	NOTES UPDATED	07/31/2026	BM

TITLE: MULTIPLE UNIT METERING, COMBINATION OF SERVICE SIZES WITH CHECK METER - 120/240V, 120/208V AND 347/600V - EQUIPMENT LAYOUT



- ① 13-JAW METER BASE. METER BASE TO BE LOCATED ON GROUND LEVEL FLOOR AND MOUNTED AT 1.5m (5'0") ± 150mm (6") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER. SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES.
- ② GROUNDED 120VAC DUPLEX RECEPTACLE – FED FROM DEDICATED 15A SINGLE-POLE BREAKER, SUPPLIED & INSTALLED BY CUSTOMER'S CONTRACTOR LABELLED FOR ENOVA POWER ONLY.
- ③ MINIMUM MOUNTING HEIGHT OF BOTTOM METER: 0.6m (24") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER FACE
- ④ MAXIMUM MOUNTING HEIGHT OF TOP METER: 1.82m (6'0") ± 150mm (6") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER FACE
- ⑤ ALL ELECTRICAL INPUTS TO THIS EQUIPMENT MUST BE CONNECTED ON THE LOAD SIDE OF THE REVENUE METERING INSTRUMENTS, OUTSIDE OF THE METERING TRANSFORMER COMPARTMENT
- ⑥ 30mm (1-1/4") EMT OR PVC CONDUIT MAXIMUM LENGTH 15m (50') OF CONDUIT—MUST BE CONTINUOUS FROM FRONT OF SWITCHGEAR INSTRUMENT TRANSFORMER COMPARTMENT TO METER BASE
- ⑦ SECONDARY CHECK METERING INSTRUMENT COMPARTMENT (IF APPLICABLE)
- ⑧ CUSTOMER CONTRACTOR TO INSTALL 30mm (1-1/4") EMT OR PVC CONDUIT FROM 13 JAW METER BASE TO A LOCKABLE 8"x8"x4" NEMA JUNCTION BOX LOCATED 1.5m (5.0") ± 150mm (6") FROM FINISHED GRADE IN AN AREA WITH GOOD CELL RECEPTION FOR COMMUNICATIONS. CONSULT WITH EPC METER DEPARTMENT PRIOR TO INSTALLATION.
- ⑨ ALL DISCONNECTS MUST BE LOCKABLE
- ⑩ REVENUE METERING INSTRUMENT COMPARTMENT
- ⑪ FUSING REQUIRED ON POTENTIAL CONDUCTORS IF CONDUCTOR LENGTH IS >3m
- ⑫ SUB-SERVICE METER BASES: SEE EPC METERING SPECIFICATION MS-20A FOR FURTHER SUB-SERVICE REQUIREMENTS
- ⑬ PHASE MARKING TAPE – RED, YELLOW, BLUE (LEFT TO RIGHT)
- ⑭ UNIT NUMBERING AS PER DRAWINGS MS-1

- ALL METERING CT'S AND PT'S TO BE LOCATED ON LOAD SIDE OF MAIN DISCONNECT
- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)



Certificate of Approval

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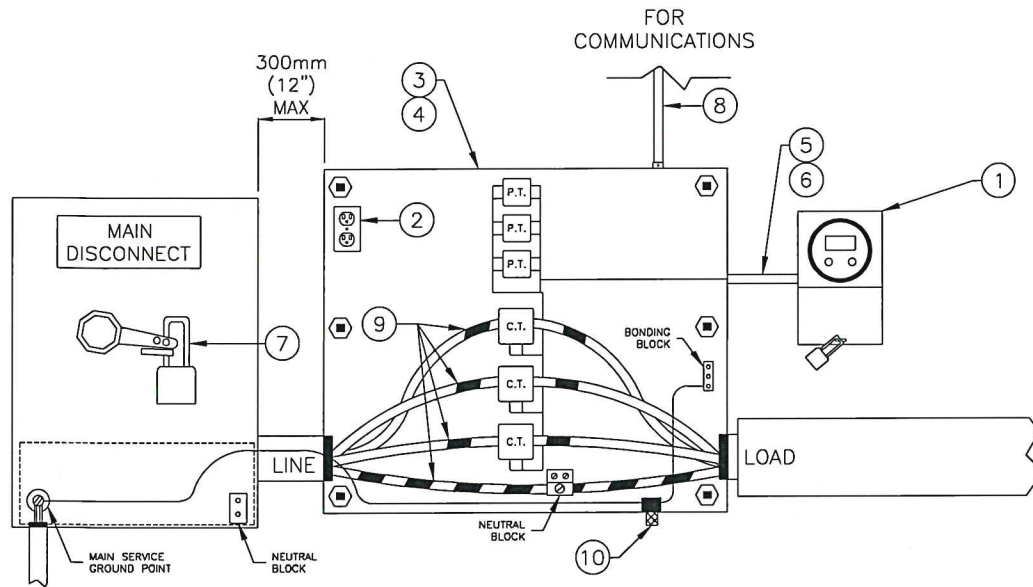
Signature: *Shawn Wong* Date: *Aug. 17, 2026*

Signature: *P. Eng.*

Signature & Professional Designation

REV.	DESCRIPTION	DATE	INITIALS
2	ENOVA STANDARDS UPDATE STANDARD	02/22/2024	RO
3	ENOVA STANDARDS UPDATE	07/12/2024	BD
4	NOTES UPDATED & NAME REVISED	07/31/2026	BM

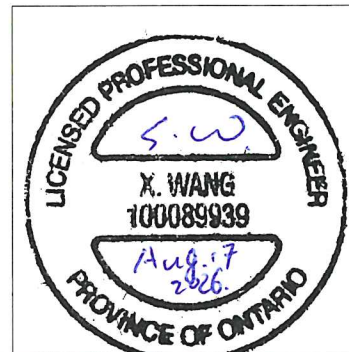
TITLE: METER CABINET - STANDARD MOUNTING LAYOUT FOR THREE PHASE, SECONDARY SERVICES 225-800 AMPS WITHOUT SWITCHGEAR



FINISHED FLOOR ELEVATION

- ① 13-JAW METER BASE. METER BASE TO BE LOCATED ON GROUND LEVEL FLOOR AND MOUNTED AT 1.5m (5'0") ± 150mm (6") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER. SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES.
- ② GROUNDED 120VAC DUPLEX RECEPTACLE – FED FROM DEDICATED 15A SINGLE-POLE BREAKER, SUPPLIED & INSTALLED BY CUSTOMER'S CONTRACTOR
- ③ METER CABINET DIMENSIONS 900mm x 900mm x 300mm (36"x36"x12") OR ALTERNATE SIZE OF 1200mm X 1200mm X 300mm (48"x48"x12") COMPLETE WITH REMOVABLE BACK PLATE AND 2 SIDE-HINGED CENTER OPENING DOORS. CABINET TO BE MOUNTED AT A HEIGHT OF 1.83m(6') ± 50mm(2") FROM FINISHED FLOOR ELEVATION TO TOP OF CABINET. FOR OUTDOOR INSTALLATIONS, A WEATHERPROOF STAINLESS STEEL MINIMUM NEMA 3R CABINET IS REQUIRED COMPLETE WITH A 200W HEATER (HEATER BY CUSTOMER).
- ④ METER CABINET MUST BE SECURELY FASTENED TO SUPPORTING WALL WITH AN ADEQUATE NUMBER OF PROPERLY SIZED FASTENERS TO SUPPORT A FULLY LOADED CABINET AND BACK PLATE ASSEMBLY WEIGHT OF 90KG (200LBS)
- ⑤ FUSING REQUIRED ON POTENTIAL CONDUCTORS IF CONDUCTOR LENGTH IS >3m
- ⑥ 30mm (1-1/4") EMT OR PVC CONDUIT MAXIMUM LENGTH 15m (50') OF CONDUIT—MUST BE CONTINUOUS FROM METER CABINET TO METER BASE
- ⑦ MAIN DISCONNECT MUST BE LOCKABLE
- ⑧ CUSTOMER CONTRACTOR TO INSTALL 30mm (1-1/4") EMT OR PVC CONDUIT FROM METER CABINET TO A LOCKABLE 8"x8"x4" NEMA JUNCTION BOX LOCATED 1.5m (5.0") ± 150mm (6") FROM FINISHED GRADE IN AN AREA WITH GOOD CELL RECEPTION FOR COMMUNICATIONS. CONSULT WITH EPC METER DEPARTMENT PRIOR TO INSTALLATION.
- ⑨ PHASE MARKING TAPE – RED, YELLOW, BLUE, WHITE (TOP TO BOTTOM)
- ⑩ BONDING LUG AS PER DRAWING MS-2

- ALL METERING CT'S AND PT'S TO BE LOCATED ON LOAD SIDE OF MAIN DISCONNECT
- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)



Certificate of Approval

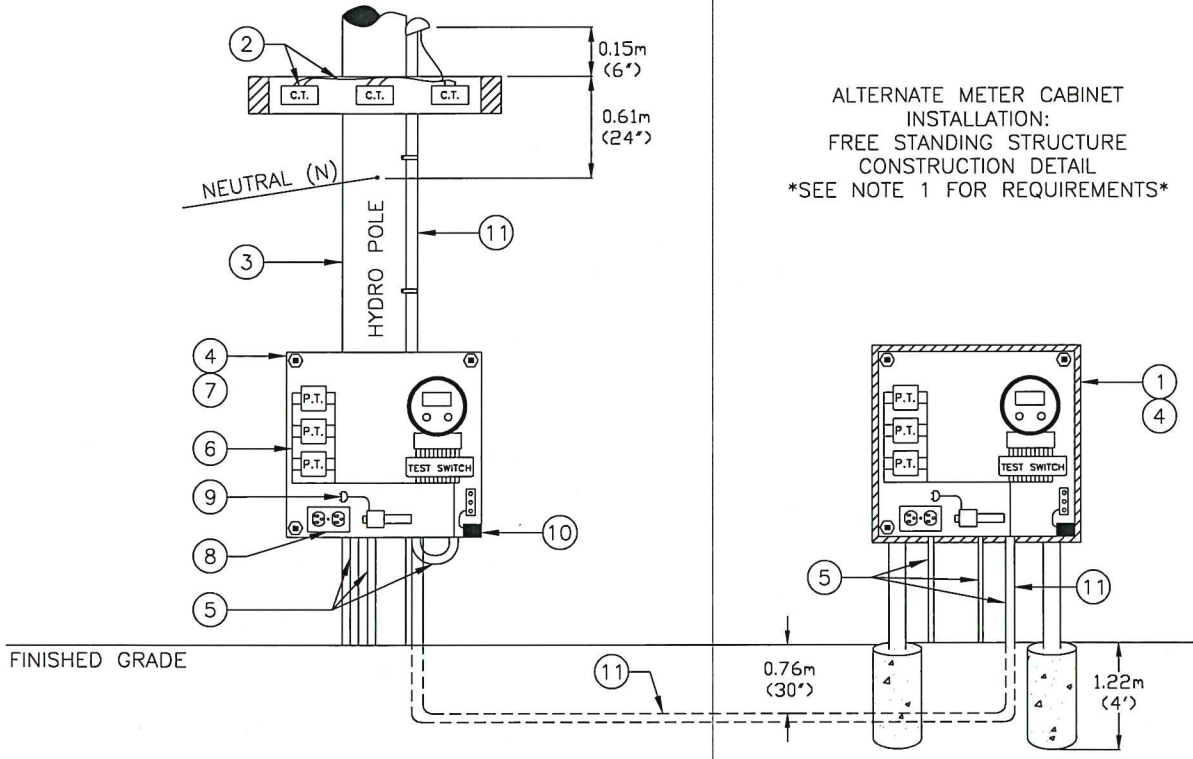
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Shawn Wang *Aug. 17, 2026*
Date

P. Eng.
Signature & Professional Designation

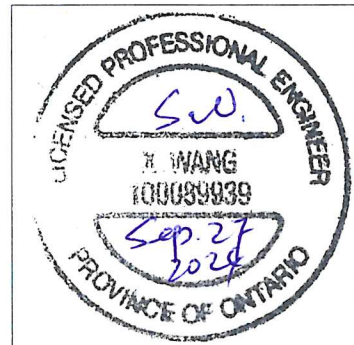
REV.	DESCRIPTION	DATE	INITIALS
3	ENOVA STANDARDS UPDATE	07/12/2024	BD
4	NOTE 3 REVISED	07/14/2025	BM
5	NOTES UPDATED	07/31/2026	BM

CENTRAL-METERED SERVICE, 120/208V AND 347/600V, 225 - 800 AMPS - EQUIPMENT LAYOUT



ALTERNATE METER CABINET
INSTALLATION:
FREE STANDING STRUCTURE
CONSTRUCTION DETAIL
SEE NOTE 1 FOR REQUIREMENTS

- 1 FREE STANDING STRUCTURE SPECIFICATIONS:
 - a. 2 - 6"X6"X10' PRESSURE TREATED POSTS (MINIMUM 1.22m (4')) INSTALLED SUB-GRADE
 - b. POSTS TO BE CONCRETE ENCASED IN MINIMUM 1.22m (4') DEEP SONOTUBES
 - c. BACKBOARD TO BE 16mm (5/8") OR 19mm (3/4") PLYWOOD WITH 25.4mm (1") OVERLAP ON ALL SIDES OF METER ENCLOSURE
- 2 HYDRO WILL SUPPLY AND INSTALL TRANSFORMER RACK, C.T.'S AND METERING WIRING
- 3 CUSTOMER TO SUPPLY AND INSTALL MINIMUM 45' CLASS 3 WOOD POLE
- 4 900mm X 900mm X 300mm (36"x36"x12") STAINLESS STEEL METERING CABINET MOUNTED AT 1.83m ±50mm (6'±2") FROM FINISHED GRADE ELEVATION TO TOP OF THE CABINET
- 5 ALL CONDUITS ENTERING CABINET TO ENTER CABINET FROM BOTTOM ONLY
- 6 FUSING REQUIRED IF POTENTIAL CONDUCTORS ARE >3m (118")
- 7 METER CABINET MUST BE SECURELY FASTENED TO POLE WITH AN ADEQUATE NUMBER OF PROPERLY SIZED FASTENERS TO SUPPORT A FULLY LOADED CABINET AND BACK PLATE ASSEMBLY WEIGHT OF 114KG (250LBS) COMPLETE WITH SIDE BRACING
- 8 GROUNDED 120VAC DUPLEX RECEPTACLE FED FROM DEDICATED 15A SINGLE POLE BREAKER, SUPPLIED & INSTALLED BY CUSTOMER/CONTRACTOR AND ROUTED VIA EMT CONDUIT
- 9 CONDENSATION HEATER COMPLETE WITH 120V PLUG END
- 10 BONDING LUG AS PER METERING SPECIFICATION MS-2
- 11 30mm (1-1/4") PVC CONDUIT MAXIMUM LENGTH 15m (50'). MUST BE CONTINUOUS FROM WEATHER HEAD TO METER CABINET.



- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)

REV.	DESCRIPTION	DATE	INITIALS
1	UPDATED TO NEW DRAFTING STANDARD	03/23/2021	BD
2	ENOVA STANDARDS UPDATE STANDARD	02/22/2024	RO
3	ENOVA STANDARDS UPDATE	05/30/2024	BD

Certificate of Approval
The installation work covered by this document meets the safety requirements of Section 4 of Regulation 22/04

Shawn Wang Sep. 27, 2024
Date
P. Eng.
Signature & Professional Designation



DATE:
2024-05-30

SCALE:
NTS

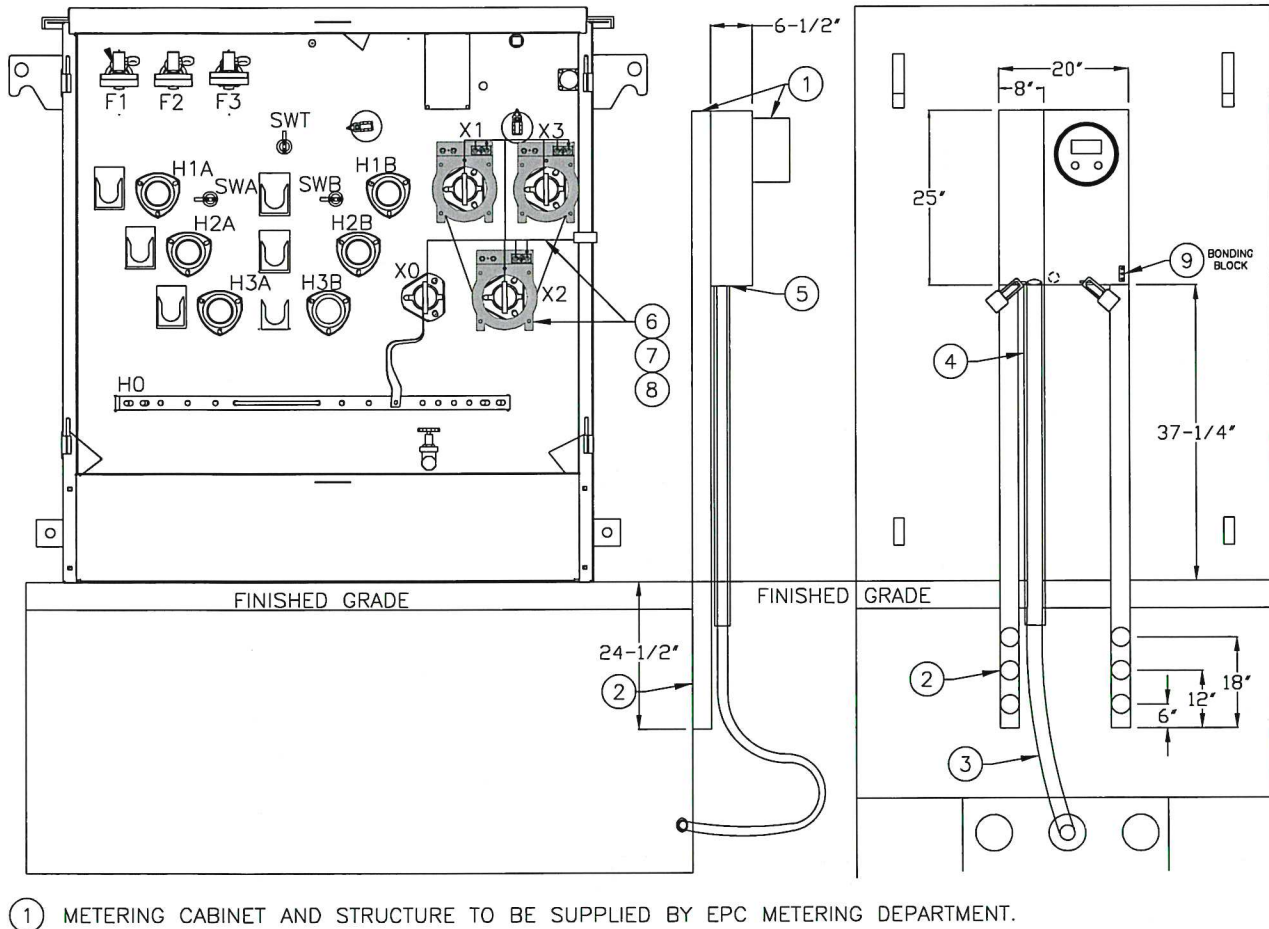
REV.
2

DWG. NO. **MS-30F**

TITLE: **CENTRAL METERED PAD MOUNT, THREE PHASE, 200-1200 AMP,
120/208V, 347/600 SERVICE - EQUIPMENT LAYOUT**

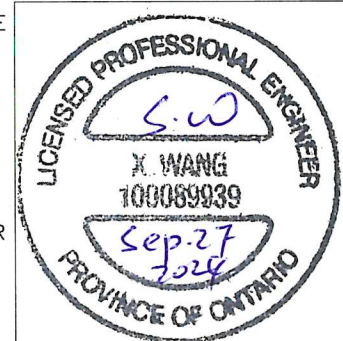
FRONT VIEW

SIDE VIEW



- ① METERING CABINET AND STRUCTURE TO BE SUPPLIED BY EPC METERING DEPARTMENT.
- ② ELECTRICAL CONTRACTOR TO MOUNT METERING CABINET AND STRUCTURE TO CEMENT VAULT.
- ③ 30mm (1-1/4") FLEXIBLE LIQUID-TIGHT CONDUIT TO BE INSTALLED INTO VAULT KNOCKOUTS AND SECURED ON THE INSIDE OF VAULT AT THE TOP OF THE VAULT LID.
- ④ 32mm (1-1/2") EMT PIPE INSTALLED OVER FLEX FROM THE METER BASE TO 229mm (9") $\pm$ 72mm (3") BELOW GRADE FOR MECHANICAL PROTECTION.
- ⑤ ALL CONDUITS ENTERING METERING CABINET TO ENTER FROM THE BOTTOM OF THE CABINET ONLY
- ⑥ CURRENT, POTENTIAL AND METERING WIRE TO BE SUPPLIED AND INSTALLED BY THE METERING DEPARTMENT.
- ⑦ FUSING REQUIRED FOR HIGH VOLTAGE SIDE OF POTENTIAL TRANSFORMERS
- ⑧ PHASE MARKING TAPE - RED (X1), YELLOW (X2), BLUE (X3), WHITE (X0)
- ⑨ ELECTRICAL CONTRACTOR TO SUPPLY SUFFICIENT #6 GREEN WIRE TO BOND METER CABINET TO TRANSFORMER.

- SEE EPC UNDERGROUND STANDARDS DOCUMENT FOR TRANSFORMER AND CABLE INSTALLATION DETAILS
- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)
- METER BASE BRAND AND MODEL - DURHAM DWG NO: 1010810



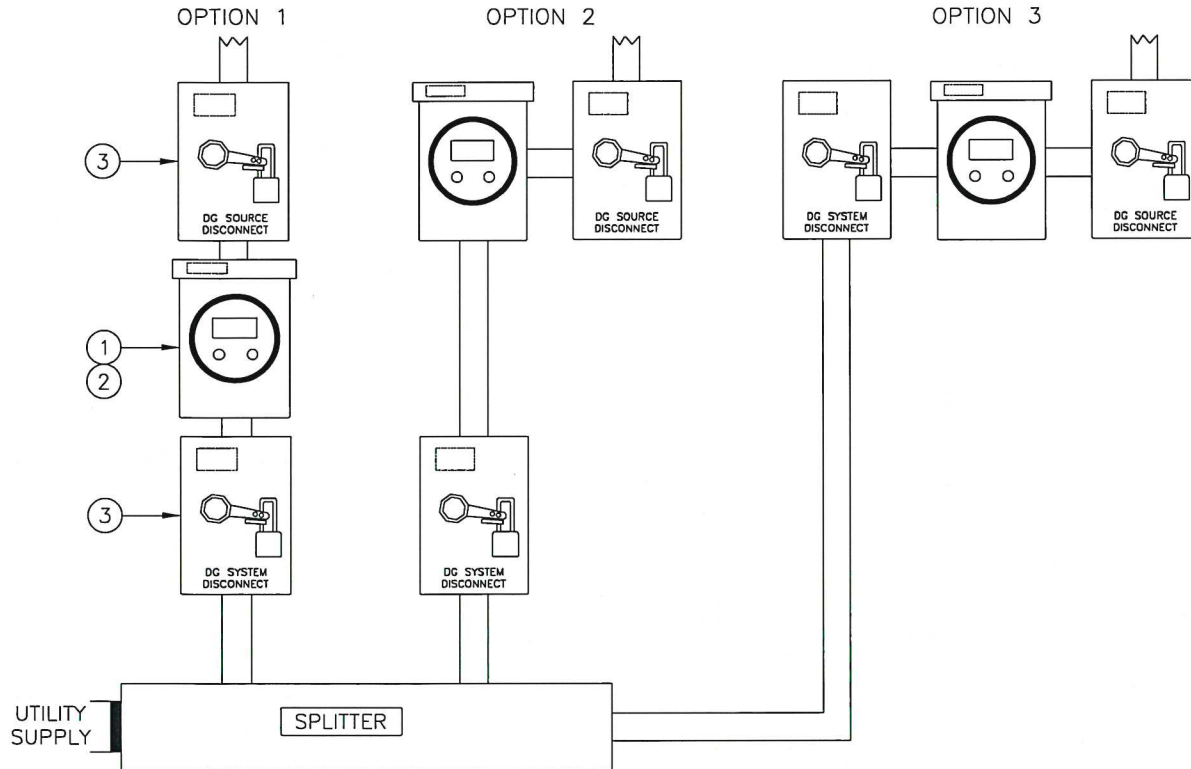
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Shawn Wang *Sep. 27, 2024*
Date

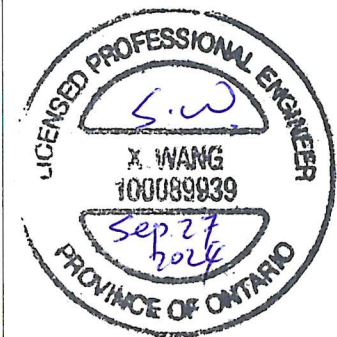
[Signature] *Sep 27, 2024*
Signature & Professional Designation

REV.	DESCRIPTION	DATE	INITIALS
1	ENOVA STANDARDS UPDATE STANDARD	02/22/2024	RO
2	ENOVA STANDARDS UPDATE	05/30/2024	BD



- ① CUSTOMER/CONTRACTOR TO SUPPLY AND INSTALL EPC APPROVED 7-JAW METER BASE COMPLETE WITH ISOLATED NEUTRAL BLOCK. METER BASE TO BE LOCATED ON GROUND LEVEL FLOOR AND MOUNTED AT 1.5m (5'0") $\pm$ 150mm (6") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER. SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES
- ② NEUTRAL CONDUCTOR MUST BE BROUGHT INTO AND TERMINATED IN THE METER BASE
- ③ DG SOURCE AND DG SYSTEM DISCONNECT SWITCHES MUST BE LOCKABLE AND ARE TO BE LOCATED INSIDE THE SAME ELECTRICAL ROOM AND VISIBLE FROM GENERATION METER

- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)



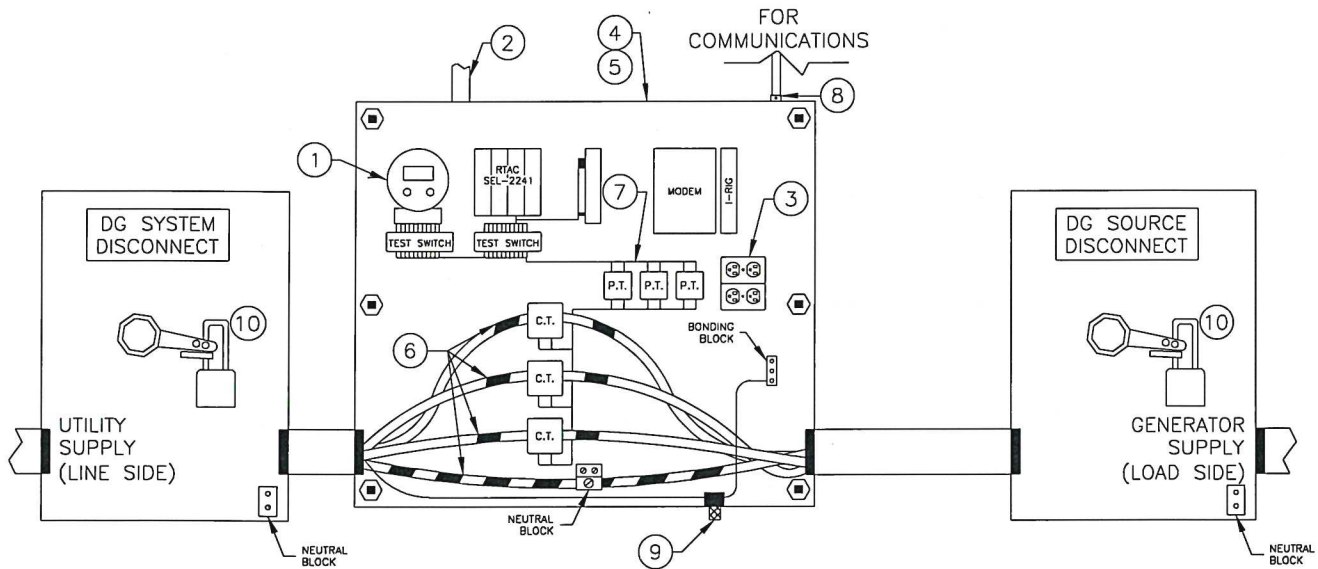
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Shaun Wang Sep 27, 2024
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P. Eng.
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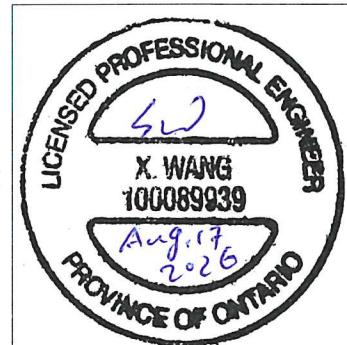
REV.	DESCRIPTION	DATE	INITIALS
1	UPDATED TO NEW DRAFTING STANDARD	03/23/2021	BD
2	ENOVA STANDARDS UPDATE STANDARD	02/22/2024	RO
3	ENOVA STANDARDS UPDATE	07/26/2024	BD

TITLE: METER CABINET - STANDARD MOUNTING LAYOUT FOR DISTRIBUTED GENERATION SECONDARY SERVICES, 120/208V OR 347/600V, 225-800 AMPS WITHOUT SWITCH GEAR, WITH SCADA



- ① METER BASE ADAPTER TO BE PROVIDED BY EPC.
- ② 63.5mm (2-1/2") CONTINUOUS CONDUIT, COMPLETE WITH PULL ROPE, IN A STRAIGHT LINE FROM THE METERING CABINET TO THE ROOF FOR FUTURE SCADA ANTENNA.
- ③ GROUNDED 2 GANG 120VAC DUPLEX RECEPTACLES – FED FROM DEDICATED 15A SINGLE-POLE BREAKER, SUPPLIED & INSTALLED BY CUSTOMER'S CONTRACTOR
- ④ METER CABINET DIMENSIONS 1200mm X 1200mm X 300mm (48"x48"x12") COMPLETE WITH REMOVABLE BACK PLATE AND 2 SIDE-HINGED CENTER OPENING DOORS SUPPLIED BY CUSTOMER. CABINET TO BE MOUNTED AT A HEIGHT OF 1.83m (6') ± 50mm (2") FROM FINISHED FLOOR ELEVATION TO TOP OF CABINET. A WEATHERPROOF STAINLESS STEEL MINIMUM NEMA 3R CABINET REQUIRED FOR OUTDOOR INSTALLATIONS
- ⑤ METER CABINET MUST BE SECURELY FASTENED TO SUPPORTING WALL WITH AN ADEQUATE NUMBER OF PROPERLY SIZED FASTENERS TO SUPPORT A FULLY LOADED CABINET AND BACK PLATE ASSEMBLY WEIGHT OF 90KG (200LBS)
- ⑥ PHASE MARKING TAPE – RED, YELLOW, BLUE, WHITE (TOP TO BOTTOM)
- ⑦ PT'S ONLY REQUIRED FOR 347/600V SERVICES
- ⑧ CUSTOMER CONTRACTOR TO INSTALL 30mm (1-1/4") EMT OR PVC CONDUIT FROM METER CABINET TO A LOCKABLE 8"x8"x4" NEMA JUNCTION BOX LOCATED 1.5m (5.0") ± 150mm (6") FROM FINISHED GRADE IN AN AREA WITH GOOD CELL RECEPTION FOR COMMUNICATIONS. CONSULT WITH EPC METER DEPARTMENT PRIOR TO INSTALLATION.
- ⑨ BONDING LUG AS PER DRAWING MS-2
- ⑩ DG SOURCE AND DG SYSTEM DISCONNECT SWITCHES MUST BE LOCKABLE AND ARE TO BE LOCATED INSIDE THE SAME ELECTRICAL ROOM AND VISIBLE FROM THE GENERATION METER

- NO SERVICE CONDUCTORS PERMITTED ABOVE CT'S
- ALL METERING CT'S AND PT'S TO BE LOCATED ON LOAD SIDE OF MAIN DISCONNECT
- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)



Certificate of Approval

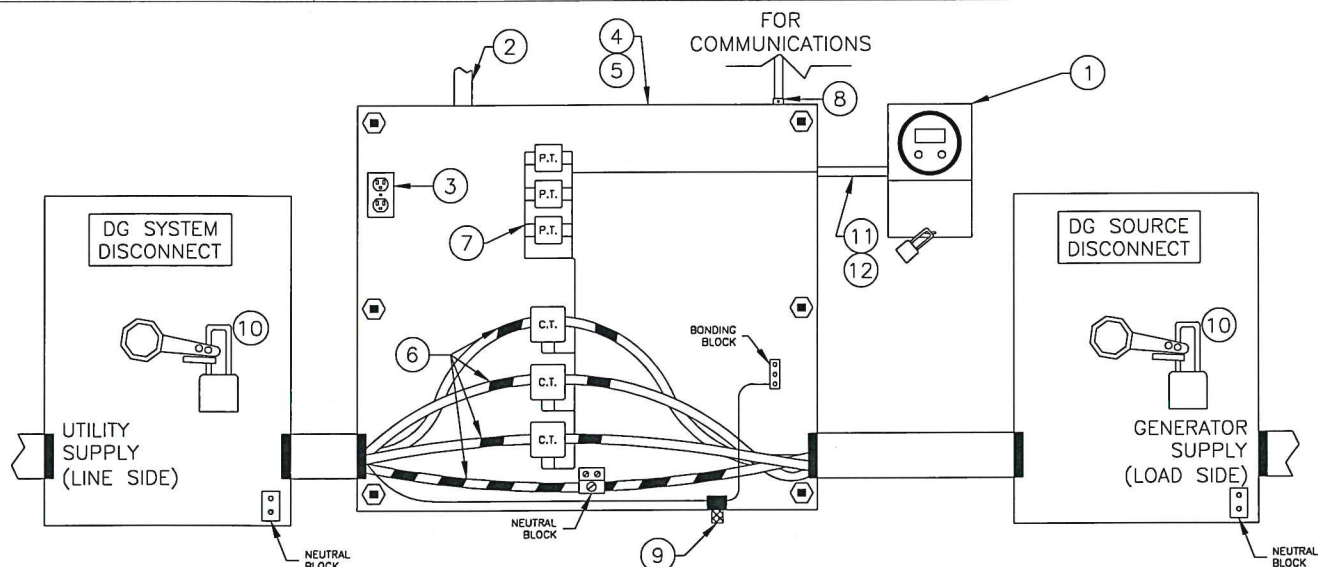
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Shawn Wang Aug. 17, 2026.
Date

P. Eng.
Signature & Professional Designation

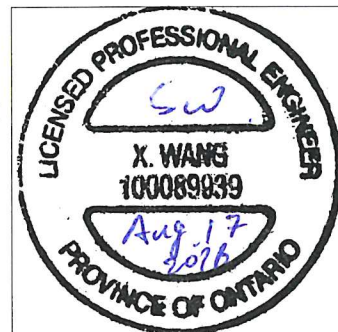
REV.	DESCRIPTION	DATE	INITIALS
2	ENOVA STANDARDS UPDATE STANDARD	02/22/2024	RO
3	ENOVA STANDARDS UPDATE	07/09/2024	BD
4	NOTES UPDATED	07/31/2026	BM

TITLE: METER CABINET - STANDARD MOUNTING LAYOUT FOR DISTRIBUTED GENERATION SECONDARY SERVICES, 120/208V OR 347/600V, 225-800 AMPS WITHOUT SWITCH GEAR, WITHOUT SCADA



- ① 13-JAW METER BASE. METER BASE TO BE LOCATED ON GROUND LEVEL FLOOR AND MOUNTED AT 1.5m (5'0") $\pm$ 150mm (6") FROM FINISHED FLOOR ELEVATION TO CENTER OF METER. SEE APPENDIX B SELECTION TABLE FOR APPROVED METER BASES.
- ② 63.5mm (2-1/2") CONTINUOUS CONDUIT, COMPLETE WITH PULL ROPE, IN A STRAIGHT LINE FROM THE METERING CABINET TO THE ROOF FOR FUTURE SCADA ANTENNA.
- ③ GROUNDED 120VAC DUPLEX RECEPTACLE - FED FROM DEDICATED 15A SINGLE-POLE BREAKER, SUPPLIED & INSTALLED BY CUSTOMER'S CONTRACTOR
- ④ METER CABINET DIMENSIONS 1200mm X 1200mm X 300mm (48"x48"x12") COMPLETE WITH REMOVABLE BACK PLATE AND 2 SIDE-HINGED CENTER OPENING DOORS SUPPLIED BY CUSTOMER. CABINET TO BE MOUNTED AT A HEIGHT OF 1.83m (6') $\pm$ 50mm (2") FROM FINISHED FLOOR ELEVATION TO TOP OF CABINET. A WEATHERPROOF STAINLESS STEEL MINIMUM NEMA 3R CABINET REQUIRED FOR OUTDOOR INSTALLATIONS
- ⑤ METER CABINET MUST BE SECURELY FASTENED TO SUPPORTING WALL WITH AN ADEQUATE NUMBER OF PROPERLY SIZED FASTENERS TO SUPPORT A FULLY LOADED CABINET AND BACK PLATE ASSEMBLY WEIGHT OF 90KG (200LBS)
- ⑥ PHASE MARKING TAPE - RED, YELLOW, BLUE, WHITE (TOP TO BOTTOM)
- ⑦ PT'S ONLY REQUIRED FOR 347/600V SERVICES
- ⑧ CUSTOMER CONTRACTOR TO INSTALL 30mm (1-1/4") EMT OR PVC CONDUIT FROM METER CABINET TO A LOCKABLE 8"x8"x4" NEMA JUNCTION BOX LOCATED 1.5m (5.0") $\pm$ 150mm (6") FROM FINISHED GRADE IN AN AREA WITH GOOD CELL RECEPTION FOR COMMUNICATIONS. CONSULT WITH EPC METER DEPARTMENT PRIOR TO INSTALLATION.
- ⑨ BONDING LUG AS PER DRAWING MS-2
- ⑩ DG SOURCE AND DG SYSTEM DISCONNECT SWITCHES MUST BE LOCKABLE AND ARE TO BE LOCATED INSIDE THE SAME ELECTRICAL ROOM AND VISIBLE FROM THE GENERATION METER
- ⑪ 30mm (1-1/4") EMT OR PVC CONDUIT MAXIMUM LENGTH 15m (50') OF CONDUIT-MUST BE CONTINUOUS FROM METER CABINET TO METER BASE
- ⑫ FUSING REQUIRED ON POTENTIAL CONDUCTORS IF CONDUCTOR LENGTH IS >3m

- NO SERVICE CONDUCTORS PERMITTED ABOVE CT'S
- ALL METERING CT'S AND PT'S TO BE LOCATED ON LOAD SIDE OF MAIN DISCONNECT
- MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER BASE(S) AND INSTRUMENT TRANSFORMER COMPARTMENT(S)



Certificate of Approval

The installation work covered by this document meets the safety requirements of Section 4 of Regulation 22/04

Shawn Wang *Aug 17 2026*
Date
P. Eng
Signature & Professional Designation

REV.	DESCRIPTION	DATE	INITIALS
0	STANDARD CREATED	07/26/2024	BD
1	NOTES UPDATED	07/31/2026	BM