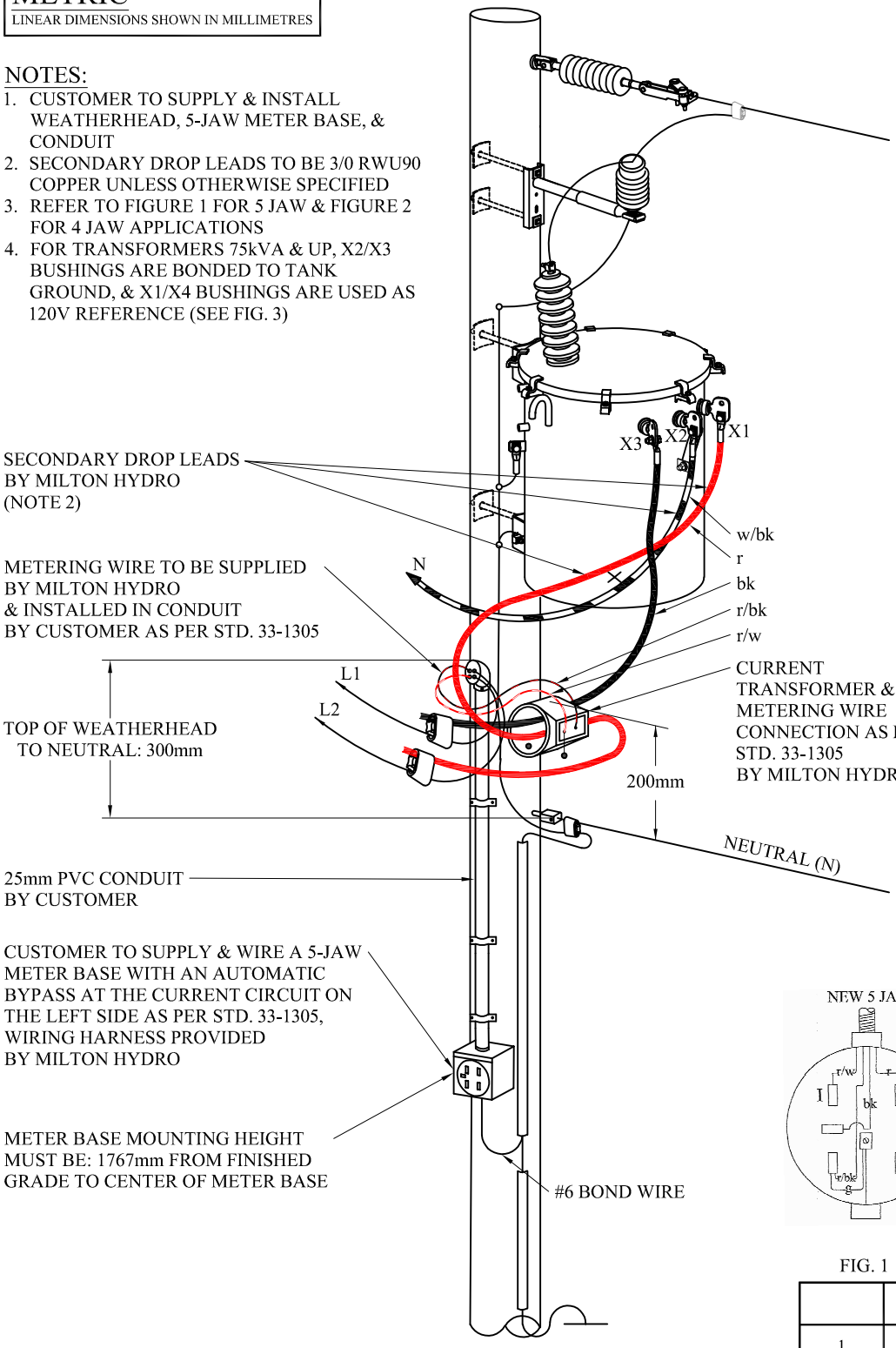
METRIC
LINEAR DIMENSIONS SHOWN IN MILLIMETRES

33-105
R1 (MAY 2025)

NOTES:
1. CUSTOMER TO SUPPLY & INSTALL WEATHERHEAD, 5-JAW METER BASE, & CONDUIT
2. SECONDARY DROP LEADS TO BE 3/0 RWU90 COPPER UNLESS OTHERWISE SPECIFIED
3. REFER TO FIGURE 1 FOR 5 JAW & FIGURE 2 FOR 4 JAW APPLICATIONS
4. FOR TRANSFORMERS 75kVA & UP, X2/X3 BUSHINGS ARE BONDED TO TANK GROUND, & X1/X4 BUSHINGS ARE USED AS 120V REFERENCE (SEE FIG. 3)



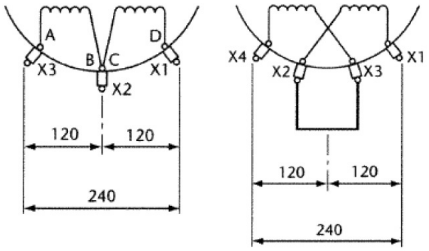


FIG. 3
CSA C2.2 FIG.6 TX. WINDING DIAGRAMS
TRANSFORMERS 75kVA & UP WILL HAVE 4 SECONDARY SPADES

FIG. 1

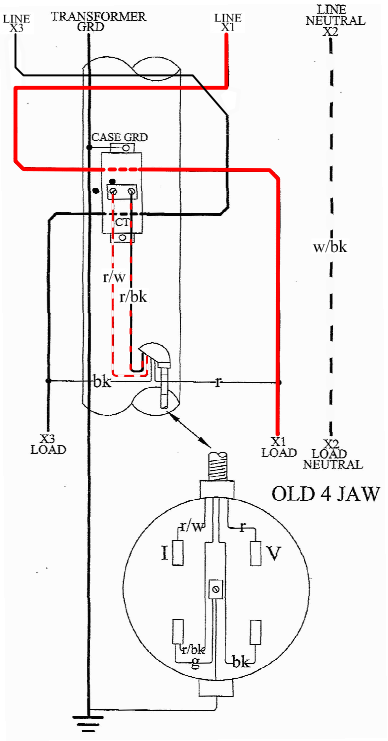


FIG. 2

REV#	DESCRIPTION	DATE	APPD
1	ADDED FIG. 1, FIG. 2 & FIG. 3	MAY 2025	CH
	ORIGINAL DWG		

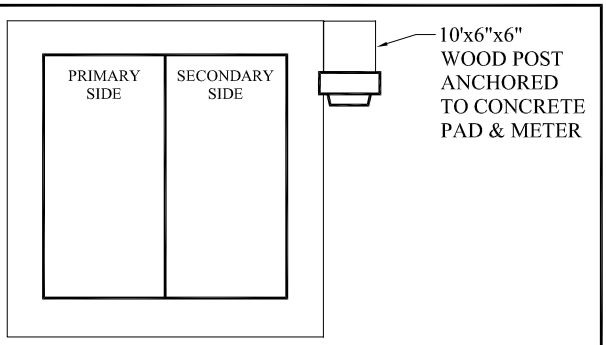
MILTON HYDRO

TITLE:
METERING - 120/240V, SINGLE PHASE, CENTRAL METERED SERVICE

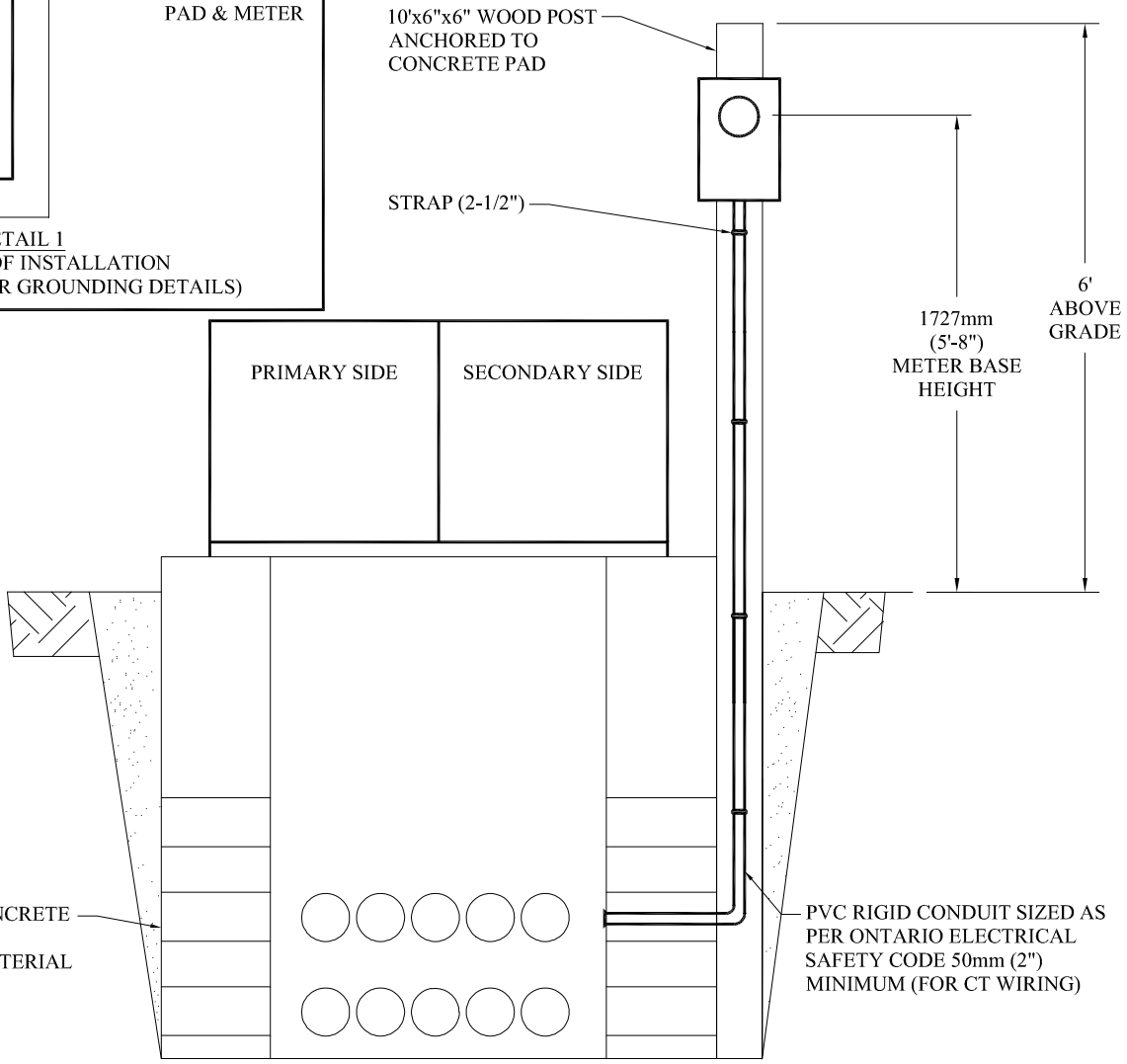
DRAWN BY: JB	DWG NO. 33-105
CHECKED BY: CH	
APPROVED BY: CH	SCALE: NTS
APPROVAL DATE:	SHEET 1 of 1 / REV. 1

METRIC
LINEAR DIMENSIONS SHOWN IN MILLIMETRES

33-106
(MAY 2025)



DETAIL 1
PLAN VIEW OF INSTALLATION
(REFER TO 37-360 FOR GROUNDING DETAILS)



NOTES:

1. OBTAIN ALL UTILITY LOCATES PRIOR TO CONSTRUCTION.
2. FOR MORE INFORMATION SEE MILTON HYDRO SECONDARY SERVICE TRENCH PROFILE.
3. CONTACT MILTON HYDRO A MINIMUM OF 2 BUSINESS DAYS PRIOR TO BACKFILL TO SCHEDULE INSPECTIONS.
4. ALL MATERIALS SHALL MEET THE SAFETY REQUIREMENTS OF THE ONTARIO ELECTRICAL SAFETY CODE. (CURRENT), OR LATEST AND O REG. 22/04, LATEST AMENDMENT.
5. ALL DUCTS TO BE SEALED AGAINST DIRT INGRESS.
6. STUB POLE SHALL BE INSTALLED ON SECONDARY SIDE OF TRANSFORMER (DETAIL 1) AND BE ANCHORED TO THE CONCRETE FOUNDATION.
7. SAND COVER WILL BE REQUIRED FOR AROUND STUB POST AND DUCT.
8. ALL DUCTS AND JOINTS TO BE GLUED WITH APPROVED ADHESIVE.
9. THIS SPECIFICATION MEETS OR EXCEEDS CSA-C22.3 N0.7-20 STANDARD.
10. SEE MILTON HYDRO'S APPROVED MATERIALS LIST FOR APPROVED METER BASES, CABLE, CONDUIT, STRAPS, TRANSFORMERS, AND CONCRETE FOUNDATIONS
11. WHERE APPLICABLE, ESA CODE SHALL BE FOLLOWED AND INSPECTION REQUIRED PRIOR TO ENERGIZING THE SERVICE
12. METER SHALL BE ORIENTED OPPOSITE THE DIRECTION OF TRAFFIC.

REV#	DESCRIPTION	DATE	APPD
	ORIGINAL DWG	MAY 2025	CH

MILTON HYDRO

TITLE:
CMS SECONDARY SERVICE ON STUB POLE INSTALLATION DETAIL (SINGLE PHASE)

DRAWN BY: JB	DWG NO. 33-106
CHECKED BY: CH	
APPROVED BY: CH	SCALE: NTS
APPROVAL DATE:	SHEET 1 of 1 / REV.

METRIC
LINEAR DIMENSIONS SHOWN IN MILLIMETRES

33-108
(MAY 2025)

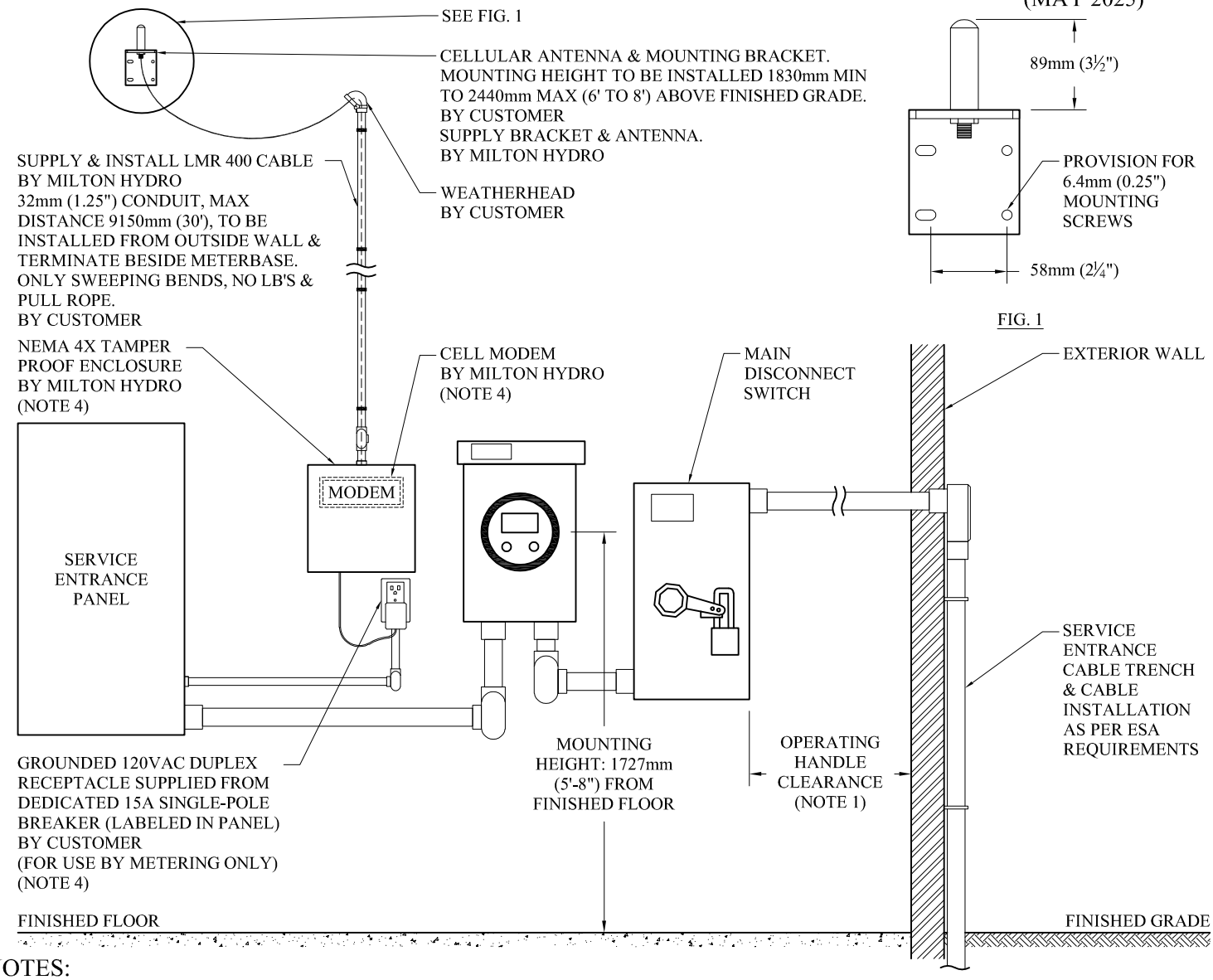


FIG. 1

NOTES:

1. OPERATING HANDLE CLEARANCE MUST BE SUFFICIENT TO PROVIDE UNRESTRICTED OPERATION OF THE SERVICE ENTRANCE MAIN SWITCH.
2. THE ELECTRICAL ROOM SHALL BE LOCKED. ACCESS MUST BE AVAILABLE AT ALL HOURS TO MILTON HYDRO PERSONNEL. OWNER SHALL PROVIDE ALL REQUIRED KEYS & PASS CODES TO MILTON HYDRO FOR ACCESS. MILTON HYDRO SUPPLIED LOCKBOX MOUNTED AT THE ENTRANCE WITH KEYS GRANTING ACCESS TO THE ELECTRICAL/METER ROOM.
3. AS PER LATEST VERSION OF MILTON HYDRO'S "CUSTOMER RESPONSIBILITY FOR SERVICE" DOCUMENT.
4. METERING TO SUPPLY & INSTALL COMMUNICATION BOX. CUSTOMER TO SUPPLY 120V OUTLET. OUTLET TO BE WITHIN 6"-12" OF COMMUNICATION BOX. 120V SUPPLY TO BE FROM A DEDICATED BREAKER IN SERVICE ENTRANCE PANEL.
5. MAINTAIN A MINIMUM 1000mm (39") CLEARANCE IN FRONT OF METER.
6. MAIN SWITCH SHALL BE RATED 200A (MIN).
7. A FULL-SIZED NEUTRAL SERVICE CABLE SHALL BE CONNECTED TO AN INSULATED NEUTRAL TERMINAL INSIDE THE METERBASE.
8. SUPPLY CABLE TO BE CONNECTED RED, WHITE, BLUE, LEFT TO RIGHT INSIDE THE MAIN SWITCH.
9. SERVICE ENTRANCE MAIN DISCONNECT DEVICE MUST BE LOCKABLE.
10. CUSTOMER WIRING TO MEET ONTARIO ELECTRICAL SAFETY CODE REQUIREMENTS.
11. LAYOUT OF CUSTOMER OWNED ELECTRICAL EQUIPMENT SUBJECT TO ESA APPROVAL.

REV#	DESCRIPTION	DATE	APPD
	ORIGINAL DWG	MAY 2025	CH

MILTON HYDRO

TITLE:

METERING 3-PH 347/600V OR 120/208V
SECONDARY SERVICE, UP TO 200A

DRAWN BY: JB	DWG NO. 33-108	
CHECKED BY: CH		
APPROVED BY: CH	SCALE: NTS	
APPROVAL DATE:	SHEET 1 of 1	REV.

METRIC
LINEAR DIMENSIONS SHOWN IN MILLIMETRES

33-110
R2 (SEP 2025)

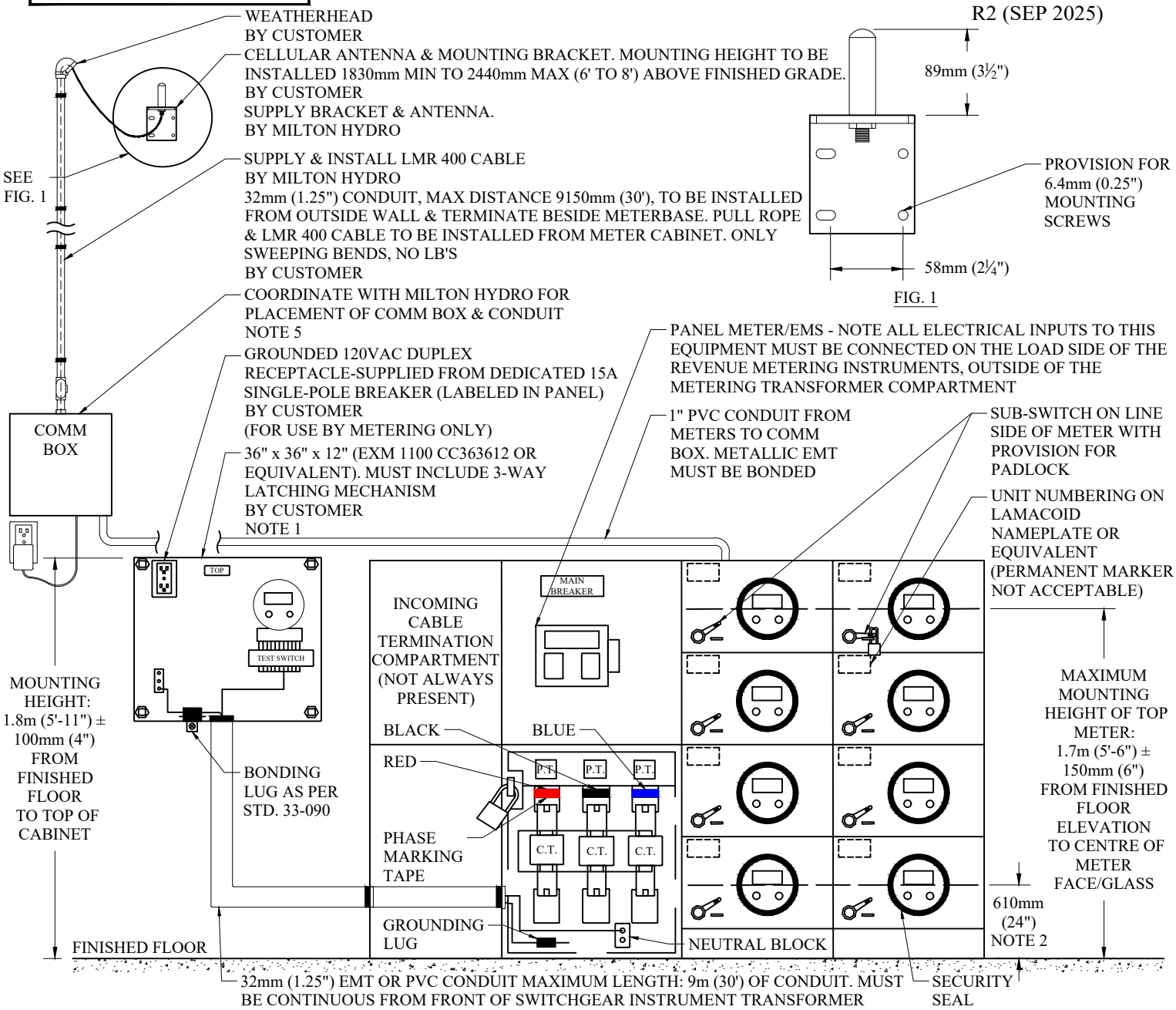


FIG. 1

NOTES:

1. AS PER LATEST VERSION OF MILTON HYDRO'S "CUSTOMER'S RESPONSIBILITY FOR SERVICE" DOCUMENT.
2. MINIMUM MOUNTING HEIGHT OF BOTTOM METER: 610mm (24") FROM FINISHED FLOOR ELEVATION TO CENTRE OF METER/GLASS.
3. MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF ALL METER BASES.
4. THE ELECTRICAL ROOM SHALL BE LOCKED. ACCESS MUST BE AVAILABLE AT ALL HOURS TO MILTON HYDRO PERSONNEL. OWNER SHALL PROVIDE ALL REQUIRED KEYS & PASS CODES TO MILTON HYDRO FOR ACCESS. MILTON HYDRO SUPPLIED LOCKBOX MOUNTED AT THE ENTRANCE WITH KEYS GRANTING ACCESS TO THE ELECTRICAL/METER ROOM.
5. METERING TO SUPPLY & INSTALL COMMUNICATION BOX. CUSTOMER TO SUPPLY 120V OUTLET. OUTLET TO BE WITHIN 6"-12" OF COMMUNICATION BOX. 120V SUPPLY TO BE FROM A DEDICATED BREAKER IN SERVICE ENTRANCE PANEL.

REV#	DESCRIPTION	DATE	APPD
2	REVISED COMMUNICATION	SEP 2025	CH
1	ADDED COMMUNICATION	MAY 2025	CH
	ORIGINAL DWG	AUG 2013	CR

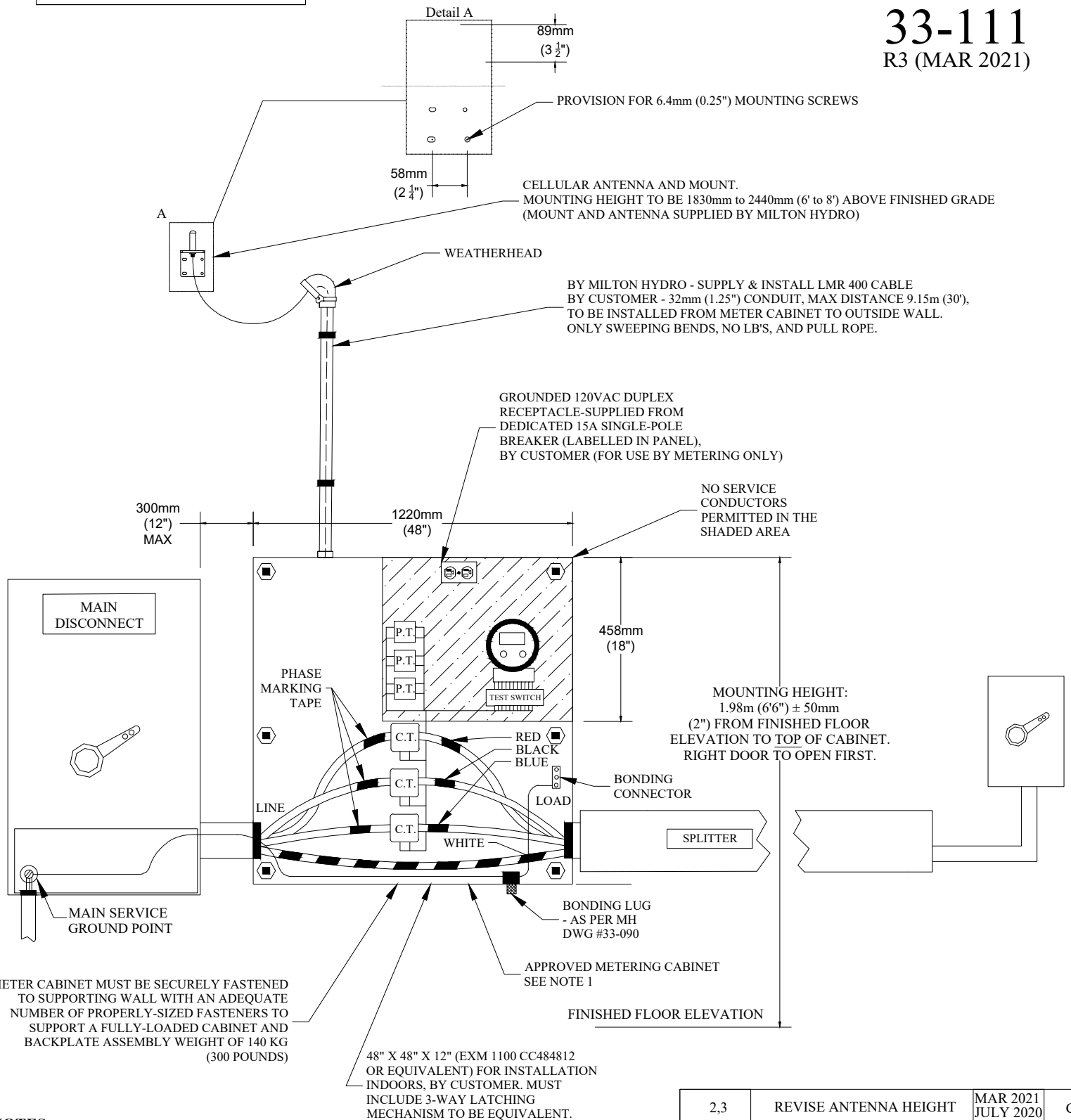
MILTON HYDRO

TITLE:
METERING CENTRE LAYOUT, UP TO 200A 120/240V, 120/208V, 347/600V

DRAWN BY: JB	DWG NO. 33-110
CHECKED BY: CH	
APPROVED BY: CH	SCALE: NTS
APPROVAL DATE:	SHEET 1 of 1 / REV. 2

METRIC
LINEAR DIMENSIONS SHOWN IN MILLIMETRES

33-111
R3 (MAR 2021)



NOTES:
1. AS PER LATEST VERSION OF MILTON HYDRO'S "CUSTOMER'S RESPONSIBILITY FOR SERVICE" DOCUMENT
2. MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF METER CABINET

REV#	DESCRIPTION	DATE	APPD
2,3	REVISE ANTENNA HEIGHT	MAR 2021 JULY 2020	CR
1	ANTENNA ADDITION	JUNE 2017	CR
	ORIGINAL		

MILTON HYDRO

TITLE:

METER CABINET LAYOUT 3-PH SECONDARY SERVICE, UP TO 800A

DRAWN BY:		DWG NO. 33-111
CHECKED BY:	P. KRUEGER	
APPROVED BY:	C. RUSTENBURG	SCALE: NTS
APPROVAL DATE:	August 16, 2013	SHEET 1 OF 1 / REV. 2

METRIC
LINEAR DIMENSIONS SHOWN IN MILLIMETRES

33-112
R3 (SEP 2025)

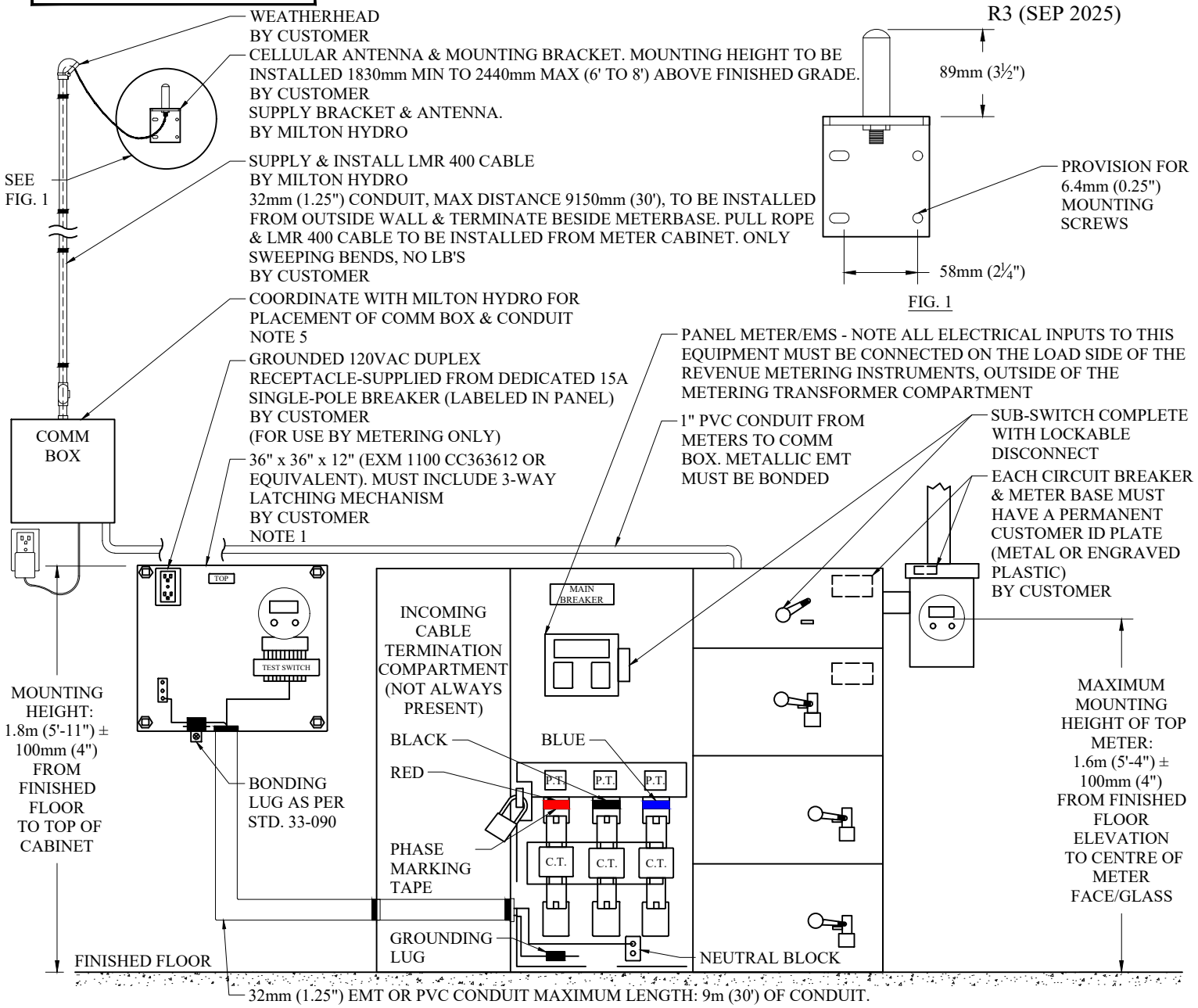


FIG. 1

NOTES:

1. AS PER LATEST VERSION OF MILTON HYDRO'S "CUSTOMER'S RESPONSIBILITY FOR SERVICE" DOCUMENT.
2. MINIMUM MOUNTING HEIGHT OF BOTTOM METER: 610mm (24") FROM FINISHED FLOOR ELEVATION TO CENTRE OF METER/GLASS.
3. MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF ALL METER BASES.
4. THE ELECTRICAL ROOM SHALL BE LOCKED. ACCESS MUST BE AVAILABLE AT ALL HOURS TO MILTON HYDRO PERSONNEL. OWNER SHALL PROVIDE ALL REQUIRED KEYS & PASS CODES TO MILTON HYDRO FOR ACCESS. MILTON HYDRO SUPPLIED LOCKBOX MOUNTED AT THE ENTRANCE WITH KEYS GRANTING ACCESS TO THE ELECTRICAL/METER ROOM.
5. METERING TO SUPPLY & INSTALL COMMUNICATION BOX. CUSTOMER TO SUPPLY 120V OUTLET. OUTLET TO BE WITHIN 6"-12" OF COMMUNICATION BOX. 120V SUPPLY TO BE FROM A DEDICATED BREAKER IN SERVICE ENTRANCE PANEL.

REV#	DESCRIPTION	DATE	APPD
3	ADDED COMMUNICATION	SEP 2025	CH
2	ANTENNA MIN/MAX HEIGHT	SEP 2020	CR
1	ANTENNA ADDITION	JUN 2016	CR

MILTON HYDRO

TITLE:

METERING UP TO 1600A, SWITCHBOARD

DRAWN BY: JB	DWG NO. 33-112
CHECKED BY: CH	
APPROVED BY: CH	SCALE: NTS
APPROVAL DATE:	SHEET 1 of 1 / REV. 3

METRIC
LINEAR DIMENSIONS SHOWN IN MILLIMETRES

33-113
R1 (MAY 2025)

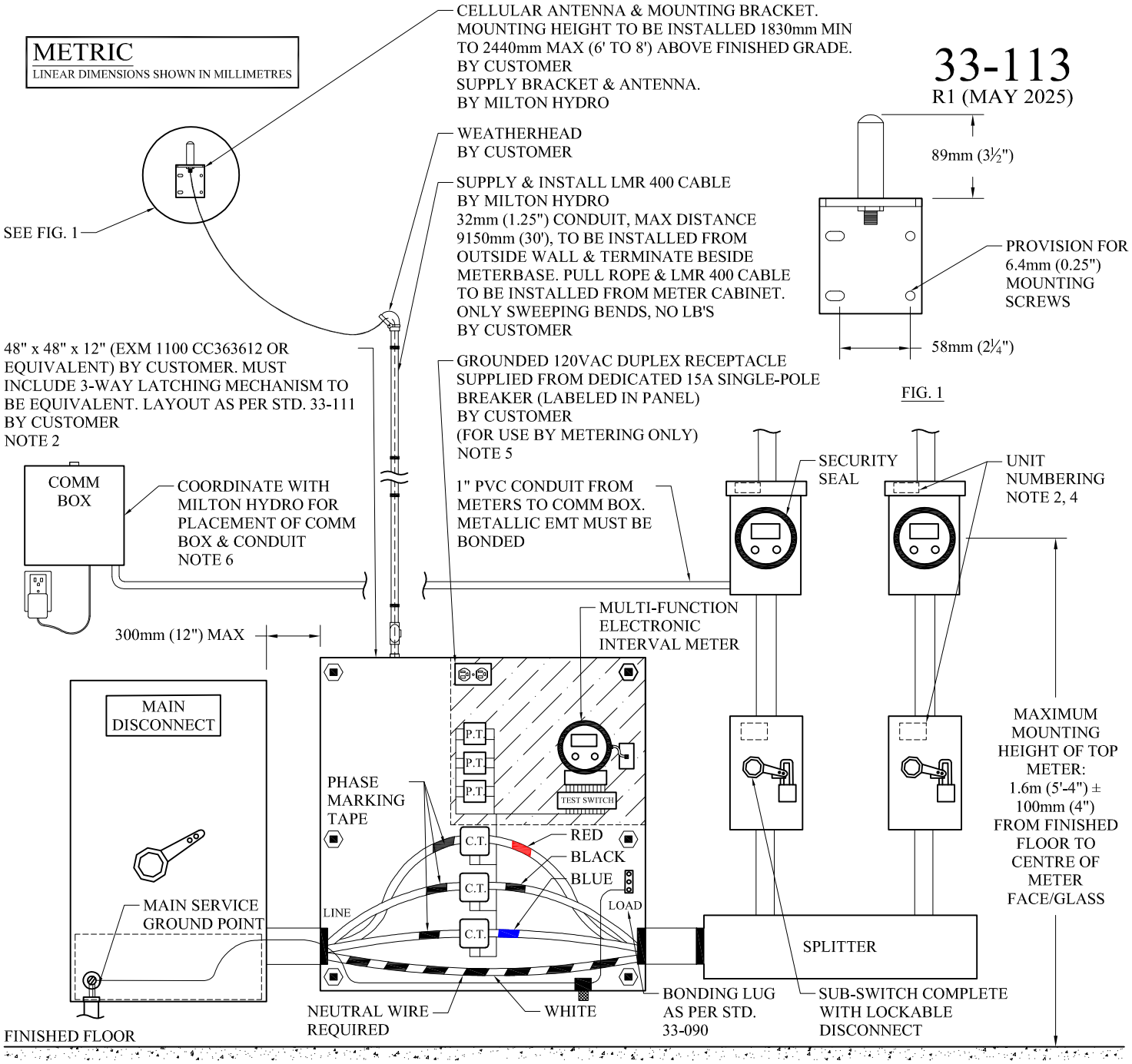


FIG. 1

NOTES:

1. THE ELECTRICAL ROOM SHALL BE LOCKED. ACCESS MUST BE AVAILABLE AT ALL HOURS TO MILTON HYDRO PERSONNEL. OWNER SHALL PROVIDE ALL REQUIRED KEYS & PASS CODES TO MILTON HYDRO FOR ACCESS. MILTON HYDRO SUPPLIED LOCKBOX MOUNTED AT THE ENTRANCE WITH KEYS GRANTING ACCESS TO THE ELECTRICAL/METER ROOM.
2. AS PER LATEST VERSION OF MILTON HYDRO'S "CUSTOMER'S RESPONSIBILITY FOR SERVICE" DOCUMENT.
3. MAINTAIN A MINIMUM 1m (39") CLEARANCE IN FRONT OF ALL METER BASES.
4. LABELING OF EACH METER BASE & SWITCH WITH THE UNIT NUMBER IT FEEDS WITH A PERMANENT CUSTOMER ID (METAL OR ENGRAVED PLASTIC) BY CUSTOMER.
5. ELECTRICAL/METER ROOM WITH 15 OR MORE METERS REQUIRES TWO 120VAC DEDICATED OUTLETS.
6. METERING TO SUPPLY & INSTALL COMMUNICATION BOX. CUSTOMER TO SUPPLY 120V OUTLET. OUTLET TO BE WITHIN 6"-12" OF COMMUNICATION BOX. 120V SUPPLY TO BE FROM A DEDICATED BREAKER IN SERVICE ENTRANCE PANEL.

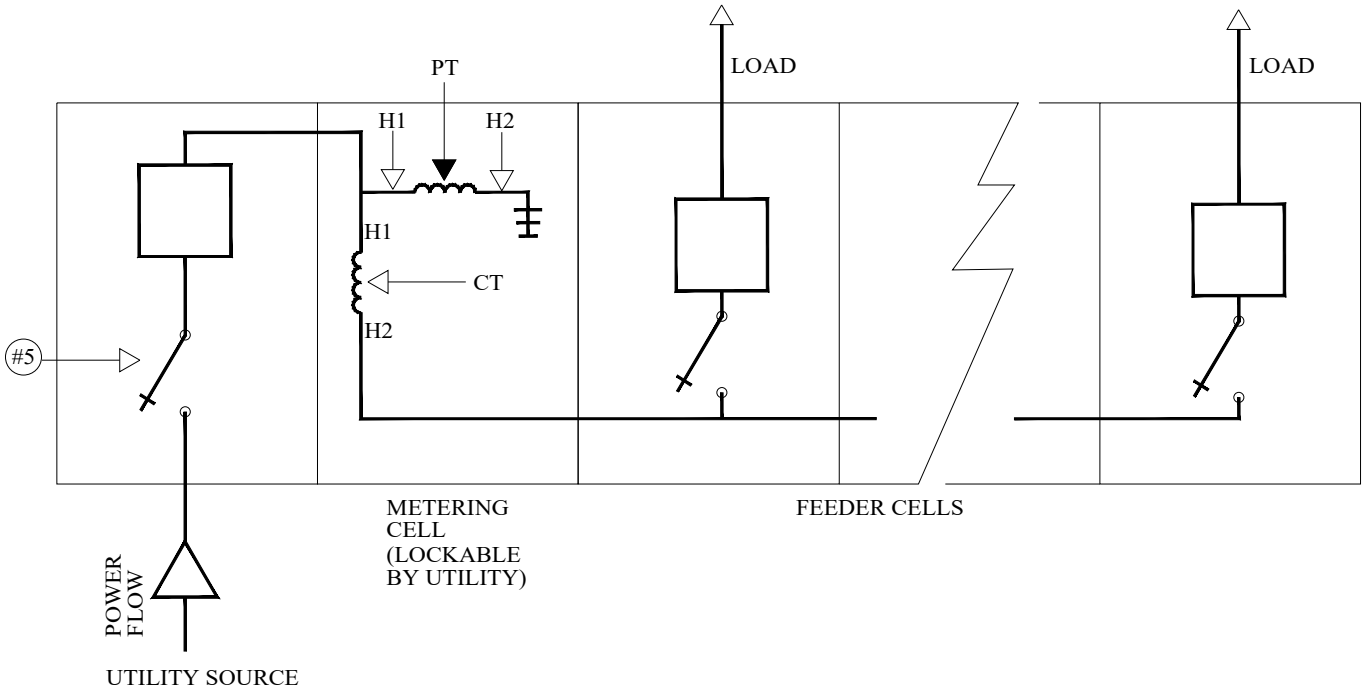
REV#	DESCRIPTION	DATE	APPD
1	ADDED COMMUNICATION	MAY 2025	CH
	ORIGINAL DWG	AUG 2013	CR

MILTON HYDRO

TITLE:
MULTIPLE UNIT METERING LAYOUT - INCLUDING BULK CHECK METER, NO SWITCHGEAR

DRAWN BY: JB	DWG NO. 33-113
CHECKED BY: CH	
APPROVED BY: CH	SCALE: NTS
APPROVAL DATE:	SHEET 1 of 1 / REV. 1

SWITCHGEAR SINGLE LINE DIAGRAM



(#1) 1" CHANCE STD GROUND BALL STUD ACCEPTABLE TO MILTON HYDRO SHALL BE INSTALLED IN ALL SWITCHGEAR CELLS, SHALL BE MOUNTED CLOSE TO CELL FRONT & SHALL BE ACCESSIBLE.

(#2) H1 OF PT'S MUST BE CONNECTED AHEAD OF THE CT'S.

(#3) H1 OF CT'S MUST BE CONNECTED FACING THE UTILITY SOURCE.

(#4) 3 PT'S & CT'S TO BE INSTALLED.

(#5) LINE SIDE SWITCHES MUST HAVE VISUAL OPEN, BE GANG-OPERATED & LOCKABLE IN THE OPEN POSITION. SWITCH HANDLE MUST BE EXTERNAL TO THE CELL.

(#6) NO CUSTOMER OWNED CABLES TO BE INSTALLED IN THE METERING CELL.

(#7) CUSTOMER OWNED SWITCHGEAR SHALL BE DESIGNED PER OESC REQUIREMENTS AND APPROVAL BY THE ELECTRICAL SAFETY AUTHORITY.

(#8) UTILITY REVENUE METER SHALL BE AFFIXED TO THE OUTSIDE OF THE SWITCHGEAR IN A SEPARATE LOCKABLE CABINET, NEMA TYPE 4 STAINLESS STEEL RATED FOR OUTDOOR USE. CABINET LOCKABLE BY MILTON HYDRO. SEE "CUSTOMER RESPONSIBILITY FOR SERVICE" DOCUMENT FOR CABINET DETAILS.

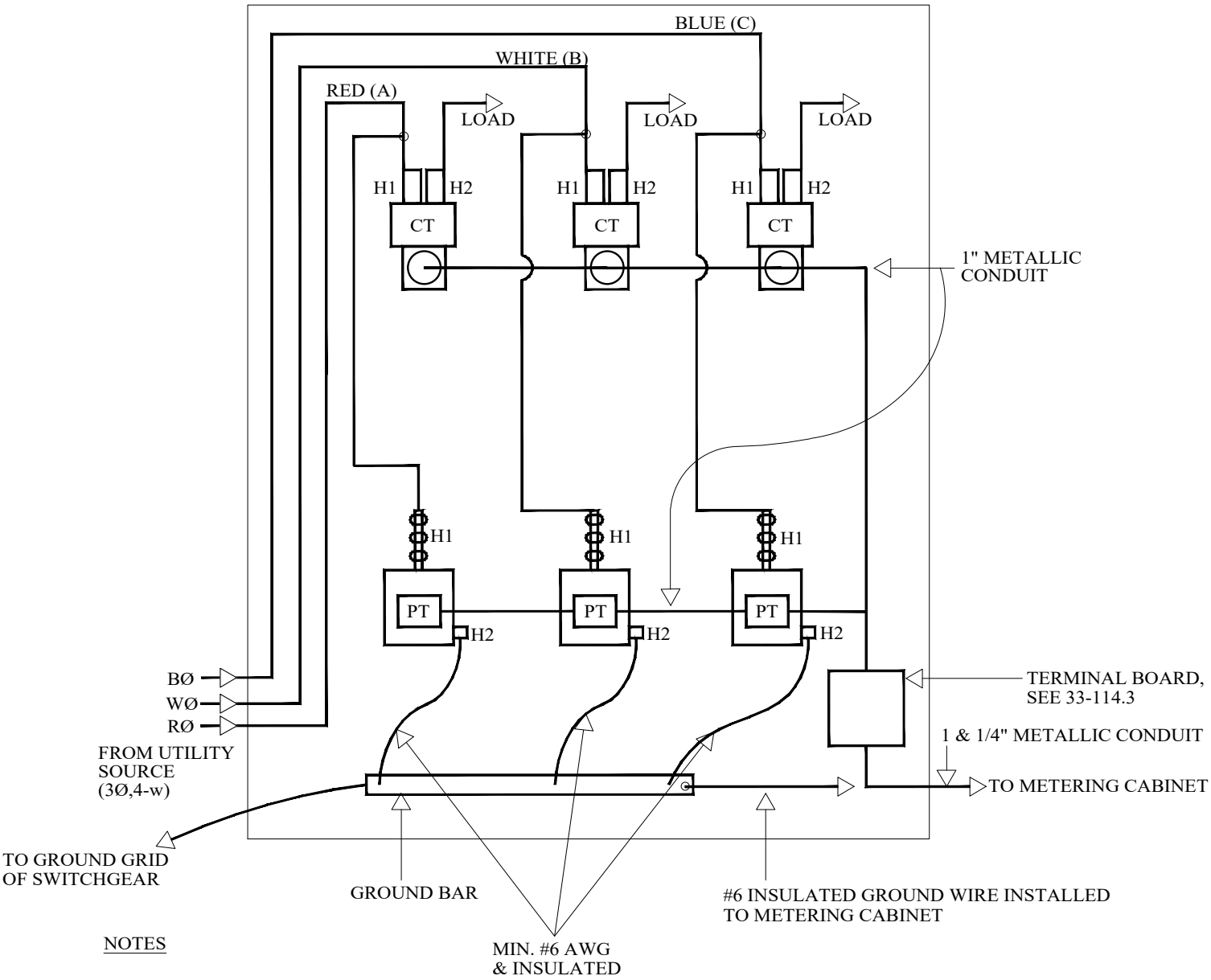
REV#	DESCRIPTION	DATE	APPD
0			

MILTON HYDRO

TITLE:
PRIMARY METERING CUSTOMER OWNED HIGH VOLTAGE SWITCHGEAR, SOURCE UP TO 27.6kV, 3Ø, 4 WIRE

DRAWN BY: SR	DWG NO. 33-114.1
CHECKED BY: JC	
APPROVED BY: CHRIS HALE, LEL	SCALE: NTS
APPROVAL DATE:	SHEET 1 OF 1 / REV.

UTILITY COMPARTMENT INTERIOR DETAIL



NOTES

- H1 OF PT SHALL BE CONNECTED TO H1 OF CT.
- H1 OF CT/PT'S MUST FACE UTILITY SOURCE.
- FOLLOW MEASUREMENT CANADA DRAWING 3458 PLUS WIRING DIAGRAM 1 (33-114.3).
- PT & CT MOUNTING LOCATION MAY DIFFER FROM ABOVE, SEE MILTON HYDRO FOR APPROVAL.
- WIRE ALL 3 CT'S PRIMARY TERMINALS.
- CT/PT CONNECTION BOXES MUST BE FACING THE METERING CELL COMPARTMENT DOOR & ACCESSIBLE FROM THE DOOR OF THE CELL.

REV#	DESCRIPTION	DATE	APPD
0			

MILTON HYDRO

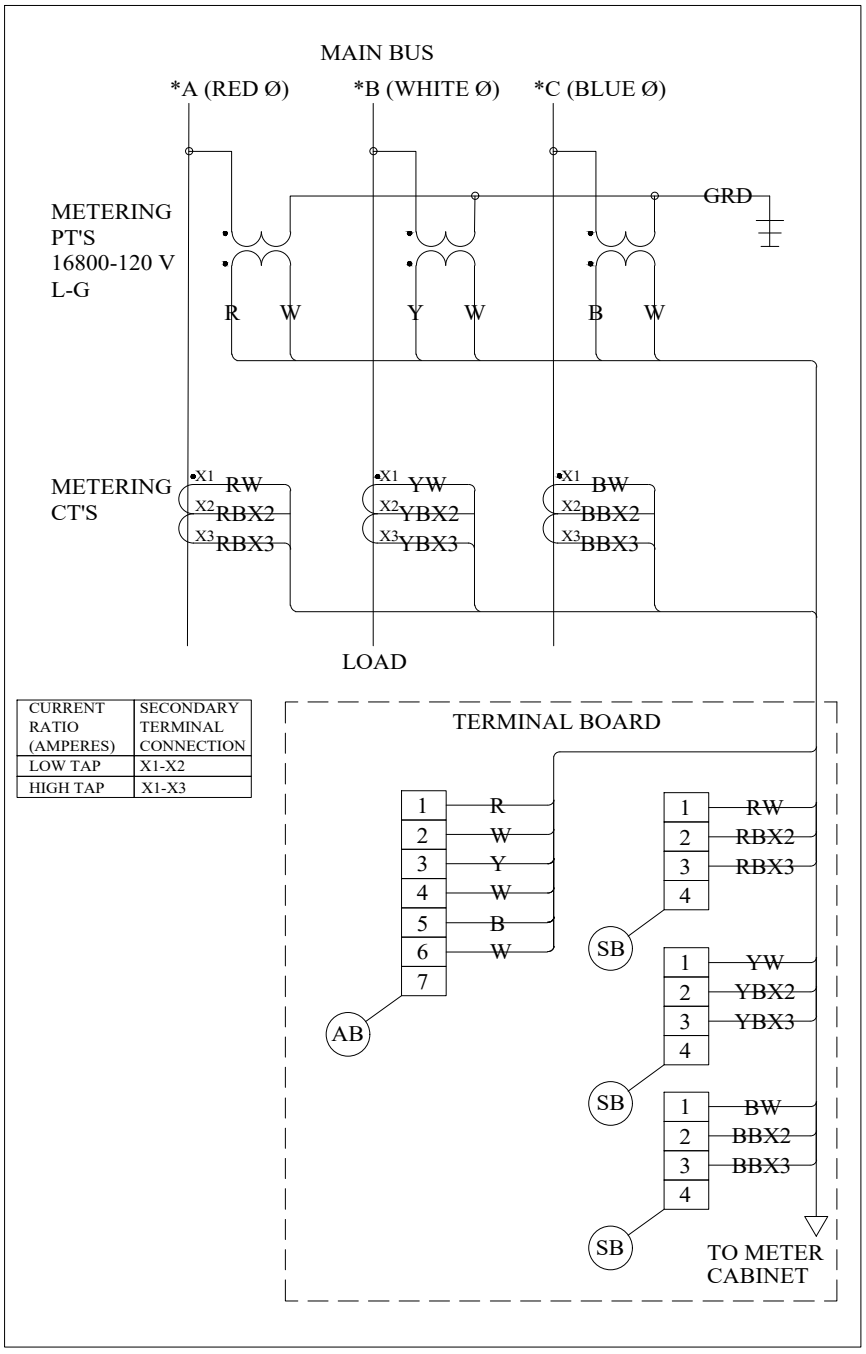
TITLE: UTILITY COMPARTMENT INTERIOR DETAIL

DRAWN BY: SR	DWG NO. 33-114.2
CHECKED BY: JC	
APPROVED BY: CHRIS HALE, LEL	SCALE: NTS
APPROVAL DATE:	SHEET 1 OF 1 / REV.

33-114.3

CT/PT SECONDARY WIRING DIAGRAM #1

UTILITY COMPARTMENT
CT/PT SECONDARY WIRING



CURRENT RATIO (AMPERES)	SECONDARY TERMINAL CONNECTION
LOW TAP	X1-X2
HIGH TAP	X1-X3

COLOUR CODED WIRE TABLE

LABEL WIRE AND USE WIRE COLOUR AS PER BELOW.

WIRE LABELS	WIRE COLOURS
R	RED (A PHASE PT)
Y	YELLOW (B PHASE PT)
B	BLUE (C PHASE PT)
W	WHITE (PT) (NEUTRAL)
RW	RED & WHITE STRIPE (A PHASE CT LOAD SIDE)
RBX2	RED & BLACK STRIPE (A PHASE CT LOAD SIDE)
RBX3	RED & BLACK STRIPE (A PHASE CT LOAD SIDE)
YW	YELLOW & WHITE STRIPE (B PHASE CT LOAD SIDE)
YBX2	YELLOW & BLACK STRIPE (B PHASE CT LOAD SIDE)
YBX3	YELLOW & BLACK STRIPE (B PHASE CT LOAD SIDE)
BW	BLUE & WHITE STRIPE (C PHASE CT LOAD SIDE)
BBX2	BLUE & BLACK STRIPE (C PHASE CT LOAD SIDE)
BBX3	BLUE & BLACK STRIPE (C PHASE CT LOAD SIDE)

- WIRE BOTH RATIOS OF CT TO TERMINAL BLOCK FOLLOWING MEASUREMENT CANADA DRAWING 3458 PLUS WIRING DIAGRAM #1.
- WIRE SIZE TO BE #10 AWG STRANDED, T90 OR RW90.
- WIRE ENDS TO BE TERMINATED WITH RING & SPADE TERMINALS WITH CRIMP CONNECTION AT THE CT/PT'S AND TERMINAL BLOCK.
- MANUFACTURER MAKE/MODEL AND SIZE OF PT'S & CT'S SHALL BE SPECIFIED BY MILTON HYDRO METERING DEPARTMENT.
- TERMINAL BOARD MUST BE LOCATED IN THE METERING CELL AND MUST BE ACCESSIBLE WHEN METERING DOOR IS OPEN FROM STANDING OUTSIDE THE CELL.

REV#	DESCRIPTION	DATE	APPD
0			

MILTON HYDRO

TITLE:

WIRING DIAGRAM #1
(REF MC # 3458)

DRAWN BY: SR	DWG NO. 33-114.3
CHECKED BY: JC	
APPROVED BY: CHRIS HALE, LEL	SCALE: NTS
APPROVAL DATE:	SHEET 1 OF 1 / REV.

33-115
(JAN 2026)

RESIDENTIAL						
TABLE NO.	120/240V 1-PHASE, 3-WIRE	SERVICE SIZE (MAIN PANEL)	METER BASE ❶ (O/H) - LOCATED OUTSIDE			REFERENCE MILTON HYDRO METERING STANDARDS
			HYDEL	EATON CUTLER-HAMMER	ABB (MICROELECTRIC)	
1	4-JAW	UP TO 200A	EK400RO-GNK108 ❷	LM2-IN ❷	BS2-INTCV ❷ BS2-TCVGN ❷	
			METER BASE ❶ (U/G) - LOCATED OUTSIDE			
2	4-JAW	UP TO 200A (SINGLE DWELLING)	MSC400TW3 ❷	CLX-IN ❷	MO2-INV ❷ MO2-VGN ❷	25U-202.1, 25U-202.2, 25U-220, 25U-221
	4-JAW	UP TO 200A (TOWN HOUSE)	SEE MUTIPLE POSITION METER BASES			
	5-JAW	400A (COMPLETE WITH CURRENT TRANSFORMER)	CT4-4 ❷	TCC5-4-ECLIN4 ❷	N/A	25U-240
	5-JAW	400A OR LARGER (WITH 20A REMOTE METER)	CTS409PW ❷	TCC5-0-ECLIN4 ❷	CL5-V ❷	25U-260.1, 25U-260.2, 33-105, 33-106
			METER BASE ❶ (O/H) - LOCATED OUTSIDE			
3	4-JAW	2 MULTIPLE POSITIONS: 200A MAIN & 200A/POSITION	HC22R ❷	2K2-IN ❷	BD2-V ❷ BD2-VH ❷	25U-221
	4-JAW	3 MULTIPLE POSITIONS: 400A MAIN & 200A/POSITION	H43R ❷	3K4-IN ❷	BS43-V ❷ BS43-VH ❷	
	4-JAW	4 MULTIPLE POSITIONS: 400A MAIN & 200A/POSITION	H44R ❷	4K4-IN ❷	BS44-V ❷ BS44-VH ❷	
			METER BASE ❶ (U/G) - LOCATED OUTSIDE			
4	4-JAW	2 MULTIPLE POSITIONS: 200A MAIN & 200A/POSITION	MSC22R ❷	2KU2CLX-IN ❷	BDC2-V ❷ BDC2-VH ❷	25U-225.1, 25U-225.2, 25U-225.3
	4-JAW	3 MULTIPLE POSITIONS: 400A MAIN & 200A/POSITION	MSC43TW ❷	3KU4CLX-IN ❷	BS43-V ❷ BS43-VH ❷	
	4-JAW	4 MULTIPLE POSITIONS: 400A MAIN & 200A/POSITION	MSC44TW ❷	4KU4CLX-IN ❷	BS44-V ❷ BS44-VH ❷	

❶ - OTHER METER BASES NOT ON THIS LIST CAN ONLY BE USED IF APPROVED BY MILTON HYDRO. SUBMIT METERBASE SPECIFICATIONS TO MILTON HYDRO TO REVIEW.
❷ - CUSTOMER/ELECTRICIAN SHALL CHOOSE THE METER BASE REQUIRED FOR THEIR SERVICE INSTALLATION & OESC CODE COMPLIANCE. METER BASE INSTALLATION SHALL BE INSPECTED BY ESA.

REV#	DESCRIPTION	DATE	APPD
1	METER BASE UPDATE	JAN 2026	CH
	ORIGINAL DWG	JUN 2025	CH

MILTON HYDRO

TITLE:
APPROVED LIST OF METER BASES, ENCLOSURES, PEDESTALS & FOUNDATIONS

DRAWN BY: JB	DWG NO. 33-115
CHECKED BY: CH	
APPROVED BY: CH	SCALE: NTS
APPROVAL DATE:	SHEET 1 of 2 / REV. 1

33-115
(JAN 2026)

INDUSTRIAL/COMMERCIAL						
TABLE NO.	120/240V 1-PHASE, 3-WIRE	SERVICE SIZE (MAIN PANEL)	METER BASE ❶ (O/H) - LOCATED OUTSIDE			REFERENCE MILTON HYDRO METERING STANDARDS
			HYDEL	EATON CUTLER-HAMMER	ABB (MICROELECTRIC)	
5	4-JAW	UP TO 200A	EK400RO-GNK108 ❷	LM2-IN ❷	BS2-INTCV ❷ BS2-TCVGN ❷	
			METER BASE ❶ (U/G) - LOCATED OUTSIDE			
6	4-JAW	UP TO 200A	MSC400TW3 ❷	CLX-IN ❷	MO2-INV ❷ MO2-VGN ❷	25U-202.1, 25U-202.2, 25U-220, 25U-221
	5-JAW	400A (COMPLETE WITH CURRENT TRANSFORMER)	CT4-4 ❷	TCC5-4-ECLIN4 ❷	N/A	25U-240
	5-JAW	400A OR LARGER (WITH 20A REMOTE METER)	CTS409PW ❷	TCC5-0-ECLIN4 ❷	CL5-V ❷	25U-260.1, 25U-260.2, 33-105, 33-106
			METER BASE ❶ (U/G) - LOCATED INSIDE			
7	347/600V & 120/208V 3-PHASE, 4-WIRE	100A	SFC703RW ❷	P27-0-IN2 ❷	PL17-IN-TCV ❷	33-111, 33-112, 33-113
		200A	STC703RK ❷		PL27-IN-TCV ❷	
	120/208V 2-PHASE, 3-WIRE 5-JAW ❻	UP TO 200A	EK400L-SXK503-INK200 ❷ ❻	JM2-IN ❷ ❻	BS2-INTCV-5 ❷ ❻	33-111, 33-112, 33-113
	600V 3-PHASE, 3WIRE	100A	SE400RW-SXK503 ❷	-	BE1-TCV ❸	
		200A	EK400RO-SXK503 ❹	-	BS2-TCV ❸	
			ENCLOSURE (U/G) - LOCATED OUTSIDE ❹			
8	ALL 1-PHASE & 3-PHASE	UP TO 200A	>1200mm x 1200mm x 300mm (48"x48"x12") FOR METER BASE & DISCONNECT SWITCH			HAMMOND HN4WM484812SS & BONDING WIRE KIT GRDKIT02 OR EQUIVALENT OR HAMMOND HW363612SSHK WITH INNER PANEL 18P333 & BONDING WIRE KIT GRDKIT01 OR EQUIVALENT 33-090
			>900mm x 900mm x 300mm (36"x36"x12") FOR METER BASE ONLY			
			ENCLOSURE (U/G) - LOCATED INSIDE ❺			
9	120/240V 1-PHASE, 3WIRE	600A	>900mm x 900mm x 300mm (36"x36"x12") FOR INSTRUMENT TRANSFORMER			EXM 1100 CCDD363612 OR EQUIVALENT 33-090, 33-111
	347/600V & 120/208V 3-PHASE, 4-WIRE	400A & 600A	>1200mm x 1200mm x 300mm (48"x48"x12") FOR INSTRUMENT TRANSFORMER >300mm x 300mm x 150mm (12"x12"x6") FOR COMMUNICATION			EXM 1100CCDD484812 OR EQUIVALENT 33-090, 33-111, 33-113
		800A TO 7000A EQUIPPED WITH SWITCHBOARD	>900mm x 900mm x 300mm (36"x36"x12") FOR INSTRUMENT TRANSFORMER			EXM 1100 CCDD363612 OR EQUIVALENT 33-090, 33-112

❶ - OTHER METER BASES NOT ON THIS LIST CAN ONLY BE USED IF APPROVED BY MILTON HYDRO. SUBMIT METERBASE SPECIFICATIONS TO MILTON HYDRO TO REVIEW.
❷ - CUSTOMER/ELECTRICIAN SHALL CHOOSE THE METER BASE REQUIRED FOR THEIR SERVICE INSTALLATION & OESC CODE COMPLIANCE. METER BASE INSTALLATION SHALL BE INSPECTED BY ESA.
❸ - MUST ORDER WITH 5TH JAW, STANDARD OR FULL CAPACITY, AT 9 O'CLOCK POSITION.
❹ - MINIMUM 14 GAUGE, CSA APPROVED, MINIMUM NEMA 3 STAINLESS STEEL.
❺ - MINIMUM 14 GAUGE, CSA APPROVED, MINIMUM NEMA 3.
❻ - MUST HAVE INSULATED NEUTRAL & 5TH JAW AT 9 O'CLOCK POSITION.

PEDESTALS & FOUNDATIONS						
TABLE NO.	MANUFACTURER	MODEL NUMBER	DIMENSION (L x D x H) IN mm (INCHES)	FOUNDATION	REMARKS	REFERENCE MILTON HYDRO METERING STANDARDS
10	PEDESTAL SOLUTIONS INC.	SLM42-OPTIONAL	457.2mm x 508mm x 1069.98mm (H) (18" x 20" x 42.125")	UP2022 (UTILICON)	CAN BE USED WITH BS2-INTCV/BS2-TCVGN OR MO2-INV/MO2-VGN ❼	
	PEDESTAL SOLUTIONS INC.	SMT-TYPICAL	457.2mm x 203.2mm x 1879.6mm (H) (18" x 8" x 74")	UP1420 (UTILICON)	CAN BE USED WITH BS2-INTCV/BS2-TCVGN OR MO2-INV/MO2-VGN ❼	

NOTE: THE LIST OF PEDESTALS & FOUNDATIONS ARE MILTON HYDRO'S RECOMMENDATION ONLY. THE CUSTOMER MAY USE OTHER PEDESTALS IF APPROVED BY MILTON HYDRO.
❼ - CONSULT MANUFACTURER FOR OTHER METER BASES THAT WOULD FIT PEDESTAL.

REV#	DESCRIPTION	DATE	APPD
1	METER BASE UPDATE	JAN 2026	CH
	ORIGINAL DWG	JUN 2025	CH

MILTON HYDRO

TITLE:
APPROVED LIST OF METER BASES, ENCLOSURES, PEDESTALS & FOUNDATIONS

DRAWN BY: JB	DWG NO. 33-115
CHECKED BY: CH	
APPROVED BY: CH	SCALE: NTS
APPROVAL DATE:	SHEET 2 of 2 / REV. 1