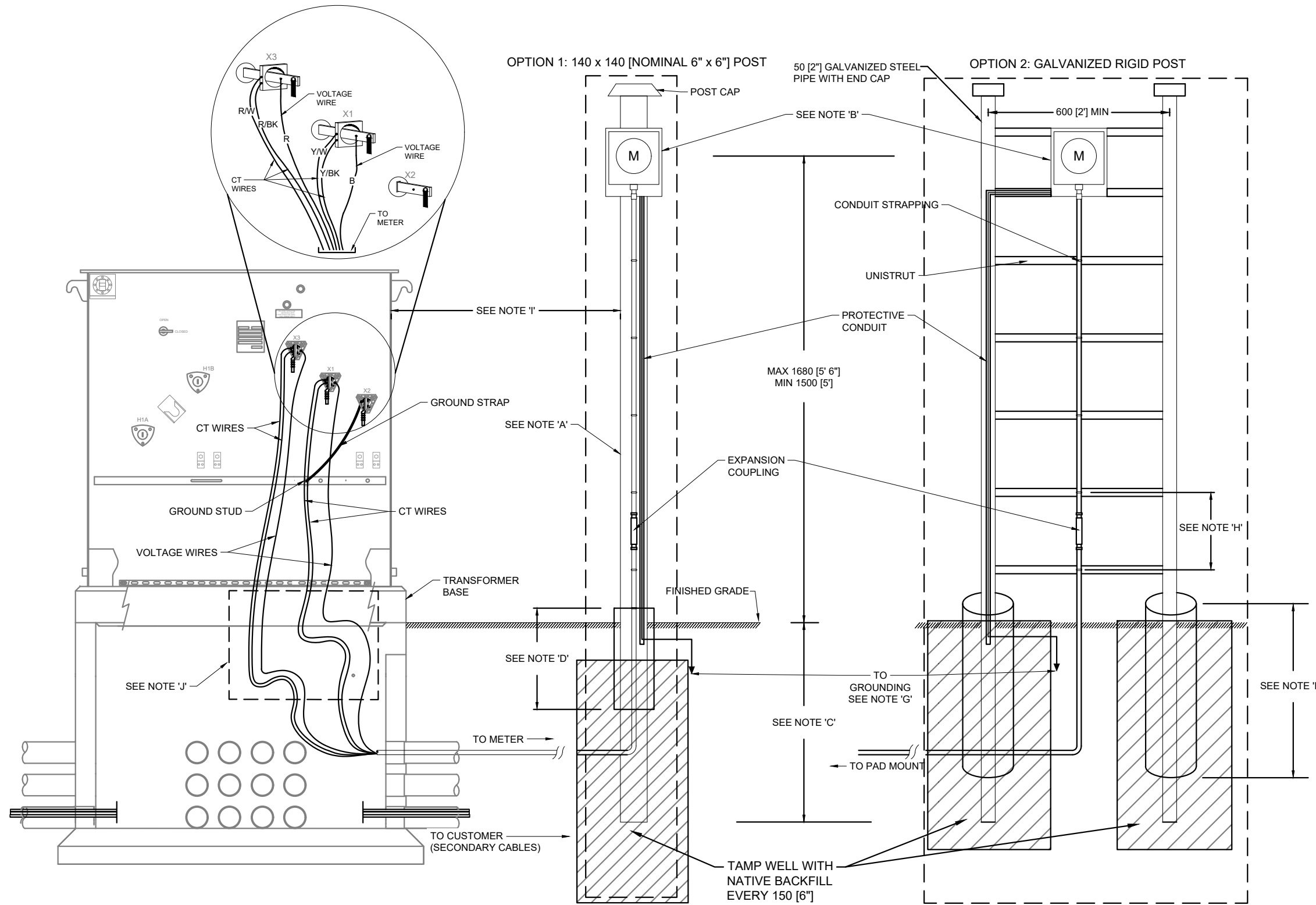


NOTES:

- ALL DIMENSIONS IN mm UNLESS SPECIFIED OTHERWISE
- A. MOUNTING POST MAY BE CONSTRUCTED FROM 140 x 140 x 3000 [NOMINAL 6" x 6" x 10'] PRESSURE TREATED WOOD OR GALVANIZED EQUIVALENT (e.g. 150 [6"] C-CHANNEL) SUITABLE FOR DIRECT BURIAL.
 - B. REFER TO TABLE 4 OF GSC0008 FOR OPTIONS OF A SUITABLE 5-JAW METER BASE WITH TEST BLOCK.
 - C. THE DEPTH OF THE POST MUST EXCEED 1200 [4'] INTO EARTH.
 - D. FOR POST CONSTRUCTED FROM ORGANIC MATERIAL (e.g. 140 x 140 [NOMINAL 6" x 6"] PT WOOD), THE POST SHALL BE ENCASED IN A MOISTURE BARRIER CAPABLE OF PREVENTING ROT AT THE GROUND LINE. IT SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND EXTEND AT MINIMUM 100 [4"] ABOVE THE FINISHED GRADE.
 - E. FOR 50 [2"] GALVANIZED RIGID STEEL (OR OTHERWISE SUITABLE) POST INSTALLATIONS, THE POST SHOULD BE ENCASED IN AN 200-250 [8-10"] CONCRETE SONOTUBE EXTENDING AT MINIMUM 1200 [4'] INTO THE GROUND. IF THE CONCRETE ENCASEMENT IS USED, IT SHALL EXTEND AT MINIMUM 100 [4"] ABOVE THE FINISHED GRADE.
 - F. THE FINISHED GRADE SURROUNDING THE PAD MOUNT AND METER POST SHALL BE LEVEL FOR THE ENTIRE WIDTH OF THE INSTALLATION AND CLEAR FROM ANY OBSTRUCTING DEBRIS OR HAZARDS.
 - G. PROTECTIVE BOLLARDS SHALL BE INSTALLED AS REQUIRED PER GCS0008. REFER TO UGS0002 FOR BOLLARD PLACEMENT AND GROUNDING LOOP REQUIREMENTS. METER BASE AND ALL CONDUCTIVE (METAL) POST SHALL BE BONDED TO THE GROUND LOOP USING APPROPRIATELY SIZED CONDUCTORS PER THE OESC INSTALLED WITHIN PROTECTIVE CONDUIT.
 - H. CONDUIT SHALL BE SECURELY FASTENED TO THE POST 150 [6"] ABOVE THE FINISHED GRADE AND SUBSEQUENTLY PER OESC REQUIREMENTS. RIGID CONDUIT SHALL COMPLY WITH OESC SIZING REQUIREMENTS AND INCORPORATE EXPANSION COUPLINGS AS REQUIRED.
 - I. THE METER BASE SHALL BE INSTALLED LEVEL AND PLUMB AND WITHIN 300-500 [1'-1' 8"] OF THE PAD MOUNTED TRANSFORMER.
 - J. CONDUCTORS SHALL BE INSTALLED WITH A MINIMUM OF 500 [1' 8"] OF SLACK MEASURED FROM THE POINT OF TERMINATION WITH THE PAD-MOUNTED ENCLOSURE. THIS SLACK SHALL ACCOMMODATE THERMAL EXPANSION AND CONTRACTION OF CONDUCTORS, FACILITATE FUTURE MAINTENANCE ACTIVITIES, AND PREVENT UNDUE STRESS ON THE TERMINATIONS.



REVISIONS		PREP	CHKD	APPD
REV: CHANGE:	DATE:			
REV: CHANGE:	DATE:			
REV: CHANGE:	DATE:			

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PREP: L.GRAHAM	
CHKD: F. KIRBY/ Y. BECHAMP	
APPD: M. WYNDHAM P. Eng	
DATE: 2025-01-07	
SCALE: N.T.S. @ ANSI B	

TITLE ENGINEERING SPECIFICATION UNDERGROUND CENTRAL METERING INSTALLATION WITH METER POST 120V/240V 1-Ph, 3-WIRE CONSTRUCTION DETAIL	
NO:	REV: 0
MCS0147	

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