

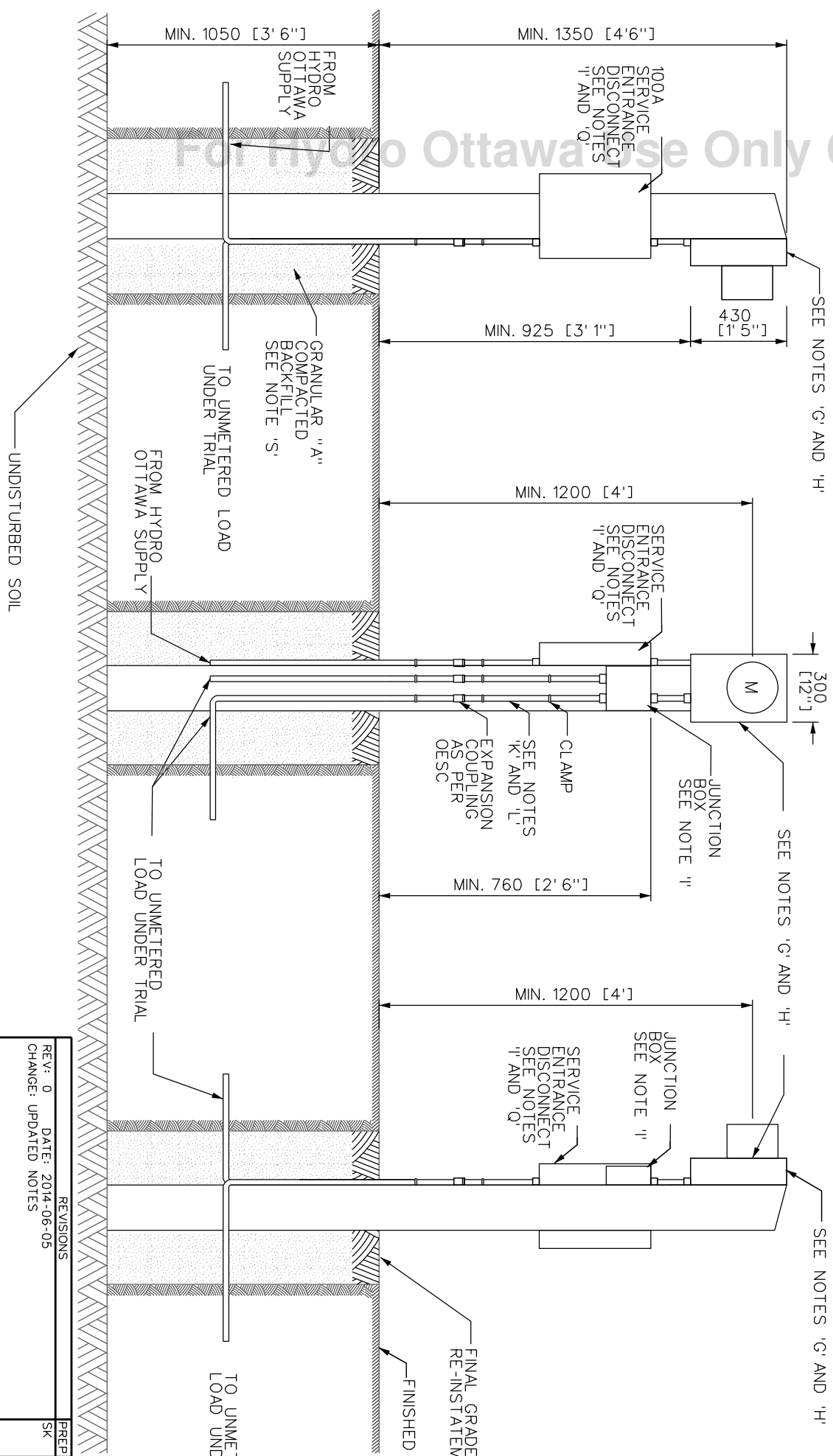
NOTES:

- A. ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.
- B. SERVICE SHALL BE 'COLD' METERED.
- C. 1000 [3' 4"] OF CLEARANCE REQUIRED IN FRONT OF METER SOCKET AND SERVICE ENTRANCE DISCONNECT.
- D. IF MOUNTED NEAR ROADWAY, METER SOCKET AND ENCLOSURES ORIENTED SUCH THAT JUNCTION BOX FACES ROADWAY AND METER FACES DOWNSTREAM DIRECTION OF TRAFFIC.
- E. MOUNTED EQUIPMENT SHALL NOT EXTEND PAST TOP OF POST.
- F. POST SHALL HAVE MINIMUM DIMENSIONS OF 200 x 200 x 2440 [8" x 8" x 96'] PRESSURE TREATED LUMBER. IF LONGER POST IS USED, CENTER OF METER SOCKET SHALL BE NO HIGHER THAN 1680 [5' 6"] ABOVE FINISHED GRADE.
- G. KING-SIZED METER SOCKET SHALL BE OVERHEAD RATED, 200A, 600V, 4-JAW, AS PER HYDRO OTTAWA METERING SPEC. GCS0008.
- H. KING-SIZED METER SOCKET SHALL BE NEMA-3R RATED OR BETTER.
- I. SERVICE ENTRANCE DISCONNECT SHALL BE RATED NEMA-3 / NEMA-3R OR BETTER, JUNCTION BOX SHALL BE RATED NEMA-4 / NEMA-4X OR BETTER.
- J. KING-SIZED 4-JAW METER SOCKET BASE AND CONDUIT AS PER HYDRO OTTAWA METERING SPECIFICATION GCS0008.
- K. RIGID SCHEDULE 80 PVC CONDUIT AS PER HYDRO OTTAWA METERING SPECIFICATION GCS0008.
- L. CONDUIT, CLAMPS, AND EXPANSION COUPLING SIZED AND INSTALLED AS PER OESC AND HYDRO OTTAWA METERING SPEC. GCS0008.
- M. COPPER CONDUCTOR SHALL BE USED TO CONNECT SERVICE ENTRANCE DISCONNECT, METER SOCKET, AND JUNCTION BOX.
- N. ALL ENCLOSURES GROUNDED AS PER OESC AND HYDRO OTTAWA REQUIREMENTS, USING DEDICATED JACKETED #6AWG CONDUCTOR.
- O. SERVICE ENTRANCE DISCONNECT AND JUNCTION BOX SIZED AS APPROPRIATE.
- P. THIS INSTALLATION IS ONLY PERMITTED TO BE USED IN CONJUNCTION WITH A UNMETERED LOAD FACILITY.
- Q. COMPRESSION LUGS SHALL BE USED TO TERMINATE CONDUCTORS AT SERVICE ENTRANCE.
- R. MECHANICAL LUGS SHALL BE USED TO TERMINATE CONDUCTORS AT METER SOCKET.
- S. BACKFILL COMPACTED TO NO LESS THAN 95% OF STANDARD PROCTOR DENSITY.
- T. UNMETERED UTILITY OWNER TO SUPPLY AND OWN ALL WIRE BACK TO HYDRO OTTAWA'S DESIGNATED SUPPLY POINT.
- U. UNMETERED UTILITY OWNER TO OWN AND MAINTAIN THIS MONITORING FACILITY.
- V. INSTALLER FOR UTILITY OWNER TO RE-INSTALL ALL HARD AND SOFT SURFACES TO PROPERTY OWNER'S REQUIREMENTS.
- W. ENTIRE INSTALLATION SUBJECT TO ELECTRICAL SAFETY AUTHORITY (ESA) APPROVAL.
- X. MONITORING SITE LOCATION SHALL BE SUBJECT TO CITY OF OTTAWA UCC GUIDELINES FOR UTILITY PEDESTALS AND ROAD R.O.W. REQUIREMENTS.

SIDE FACING AWAY FROM ROAD CURB

FACING ONCOMING TRAFFIC

SIDE FACING ROAD CURB



REVISIONS		PREP	CHKD	APPD
REV:	DATE:	SK	SMC	CSM
0	2014-06-05			
CHANGE: UPDATED NOTES				
1	2016-01-13	JD	SMC	CSM
CHANGE: UPDATE TITLE				
REV:	DATE:			
CHANGE:	YYYY-MM-DD			

 www.hydroottawa.com	TITLE ENGINEERING SPECIFICATION COM 120V/240V, 1PH, 3W, ≤100A TEMPORARY UG UNMETERED LOAD MONITORING FACILITY CONSTRUCTION DETAIL
PREP: G. MOLNAR CHKD: S. MCNALLY APPD: C. MALONE DATE: 2014-06-05 SCALE: N.T.S. @ ANSIB	NO: MCS0074 1 REV: 1