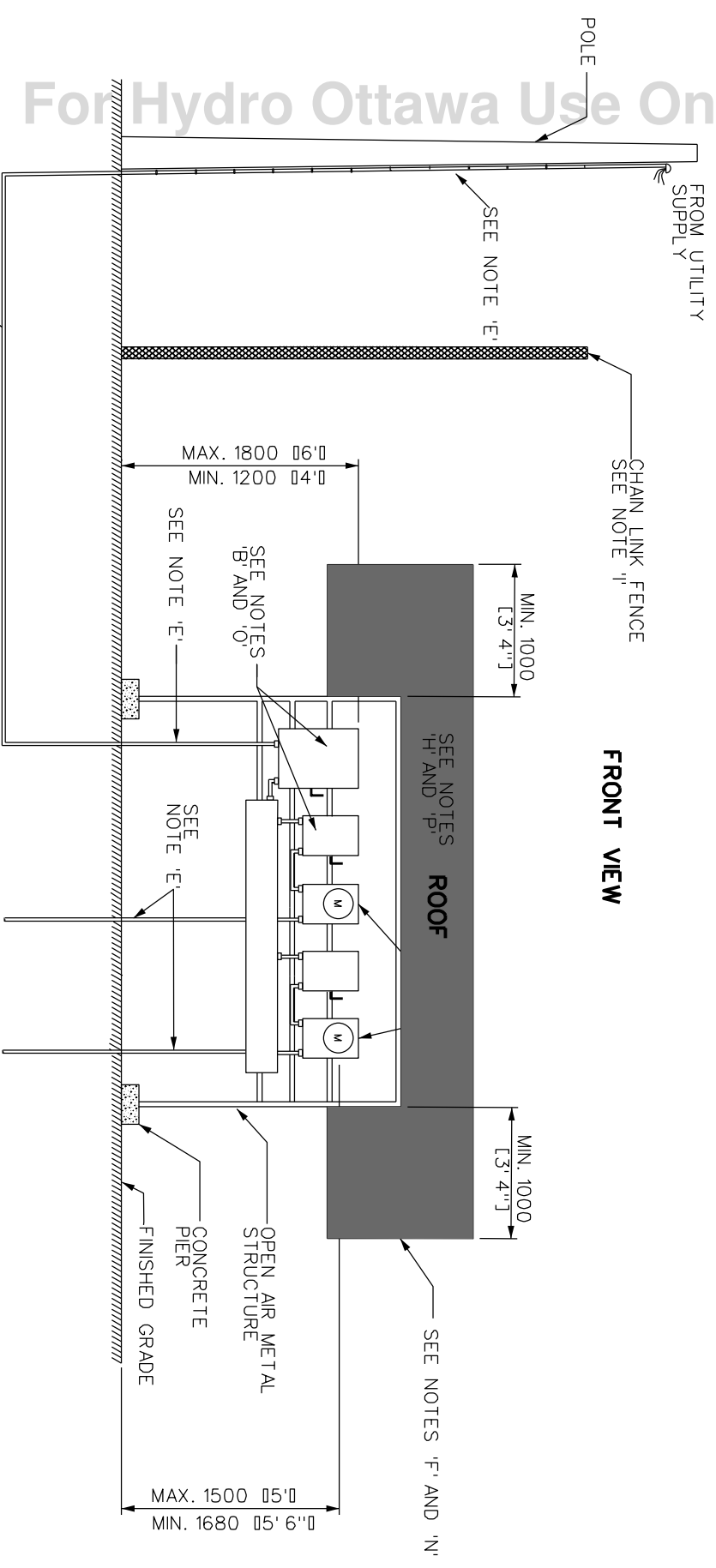
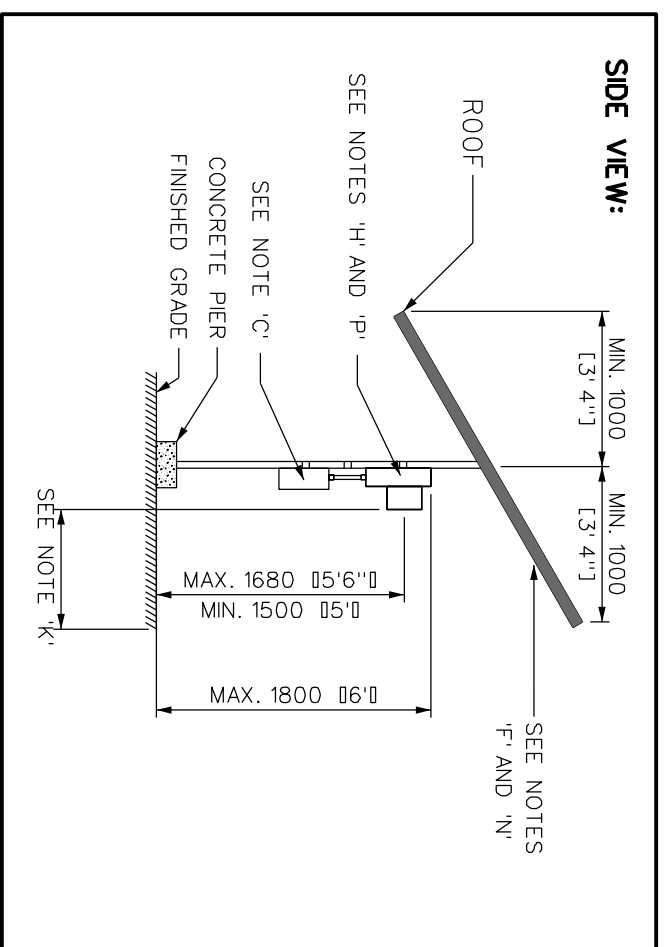


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TO CUSTOMER LOAD

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
- FOR 1-PHASE SERVICE MINIMUM 400A SERVICE ENTRANCE.
- FOR 3-PHASE SERVICE, MINIMUM 200A SERVICE ENTRANCE.
- SPLITTER TROUGH SHALL BE NEMA-3 / NEMA-3R RATED, ITS AMPACITY RATING SHALL MEET OR EXCEED SERVICE ENTRANCE AMPACITY RATING.
- OUTDOOR MOUNTED DISCONNECTS SHALL BE NEMA-3 / NEMA-3R RATED OR BETTER.
- OUTDOOR MOUNTED CONDUIT SHALL BE RIGID SCHEDULE 80 PVC WITH EXPANSION COUPLINGS USED AS PER THE ONTARIO ELECTRICAL SAFETY CODE (OESC).
- OPEN AIR ROOF SHALL EXTEND MINIMUM 1000 [3' 4"] OVER FOOTPRINT OF OPEN AIR METAL STRUCTURE. IT SHALL BE PITCHED SUCH THAT WATER DRAINS AT REAR.
- REFER TO HYDRO OTTAWA REVENUE METERING SPECIFICATION GCS0008 FOR ADDITIONAL REQUIREMENTS.
- SEE HYDRO OTTAWA REVENUE METERING SPECIFICATION GCS0008 FOR LIST OF APPROVED METER SOCKETS.
- GATE SHALL HAVE PROVISIONS TO ALLOW TO BE LOCKED WITH TWO PADLOCKS TO PROVIDE ACCESS FOR BOTH CUSTOMER AND HYDRO OTTAWA.
- MINIMUM OF 1000 [3' 4"] OF CLEARANCE REQUIRED IN FRONT OF METER.
- MINIMUM OF 1000 [3' 4"] OF CLEARANCE REQUIRED IN FRONT OF DISCONNECTS.
- THE PROPOSED INSTALLATION SHALL COMPLY WITH THE ONTARIO ELECTRICAL SAFETY CODE (OESC) AND IS SUBJECT TO THE ELECTRICAL SAFETY AUTHORITY (ESA) INSPECTION AND APPROVAL.
- ENCLOSURES AND OPEN AIR METAL STRUCTURES SHALL BE GROUNDED AS PER OESC AND HYDRO OTTAWA REQUIREMENTS.
- THE ROOF SHALL MEET ONTARIO BUILDING CODE (OBC) REQUIREMENTS.
- THE DISCONNECT SWITCHES SHALL BE INSTALLED AT THE FOLLOWING HEIGHTS:
 - i. MINIMUM- 1200 [4']
 - ii. MAXIMUM- 1800 [6']
- P. THE METER SOCKET BASES SHALL BE INSTALLED AT THE FOLLOWING HEIGHTS FROM THE CENTER LINE OF THE METER SOCKET BASE TO THE FINISHED GRADE:
 - i. MINIMUM- 1500 [5']
 - ii. MAXIMUM- 1680 [5' 6"]
- Q. UTILITY SUPPLY CAN ALSO ORIGINATE FROM PAD-MOUNTED TRANSFORMER.
- S. EACH METER SOCKET AND SECONDARY SUB-SERVICE SERVICE ENTRANCE DISCONNECT SHALL BE CLEARLY AND PERMANENTLY LABELLED TO INDICATE EACH CUSTOMER BEING SUPPLIED.
- T. ALL SUB-SERVICES THAT TAKE SUPPLY FROM SPLITTER THROUGH ARE LIMITED TO:
 - i. FOR 1-PHASE SERVICES: ≤400A
 - ii. FOR 3-PHASE SERVICES: ≤200A

REV:	DATE:	REVISIONS	PREP	CHKD	APPD
1	2016-02-05	UPDATE TITLE	JD	SMC	CSM
1		UPDATE NOTES			

REV:	DATE:	DATE:	DATE:
CHANGE:	DATE:	DATE:	DATE:

PREP:	CHKD:	APPD:	DATE:	TITLE
S. KUMARASAMY	S. MONALLY	C. MALONE	2014-09-03	ENGINEERING SPECIFICATION
(E.I.T.)	(E.I.T.)	P. Eng.		COM 120V/240V, 1PH, 3W, ≤600A
				AND 120V/208Y OR 347V/600Y, 3PH
				4W, ≤200A SECONDARY UTILITY TOWER
				SERVICE USING SPLITTER TROUGH
				CONSTRUCTION DETAIL

NO:	REV:
1	1

MCS0081