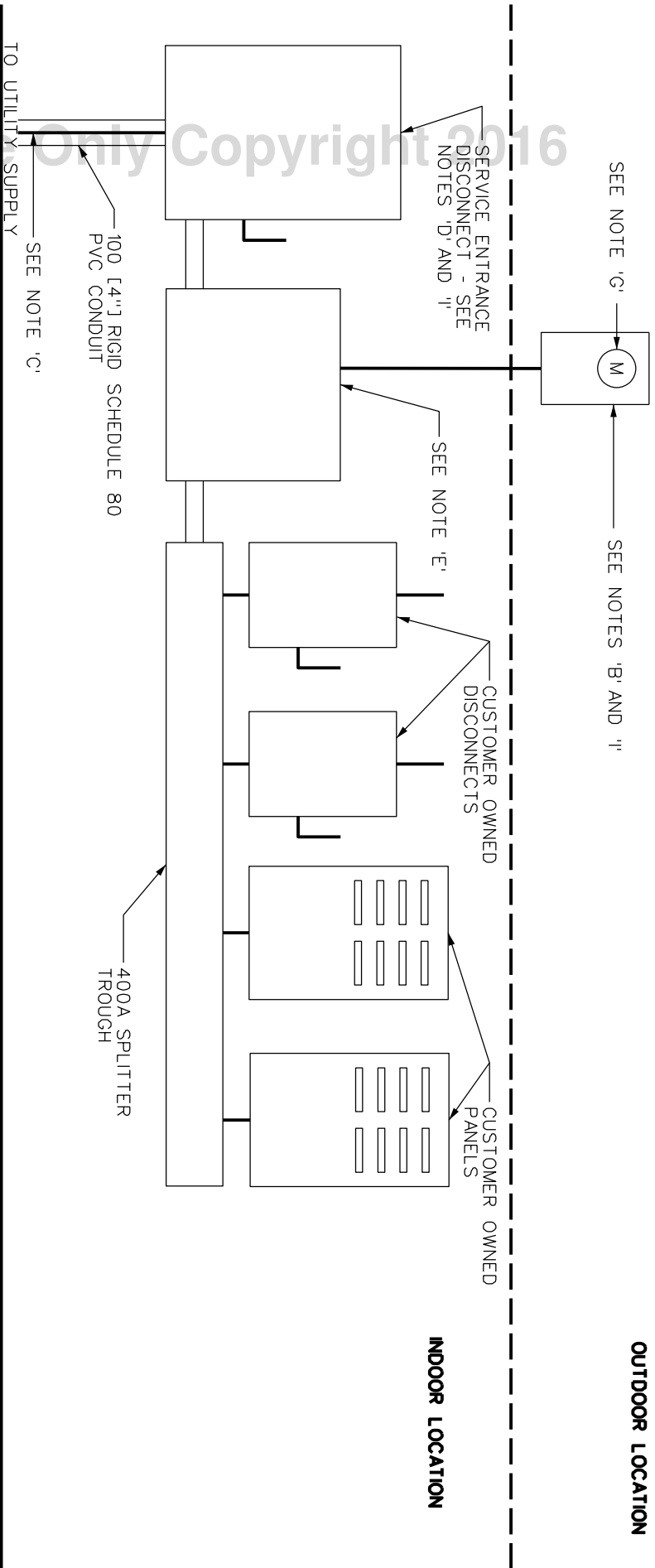


BEFORE: EXISTING RESIDENTIAL SECONDARY UNDERGROUND, 120V/240V, 1-PHASE, 3-WIRE, 400A SERVICE

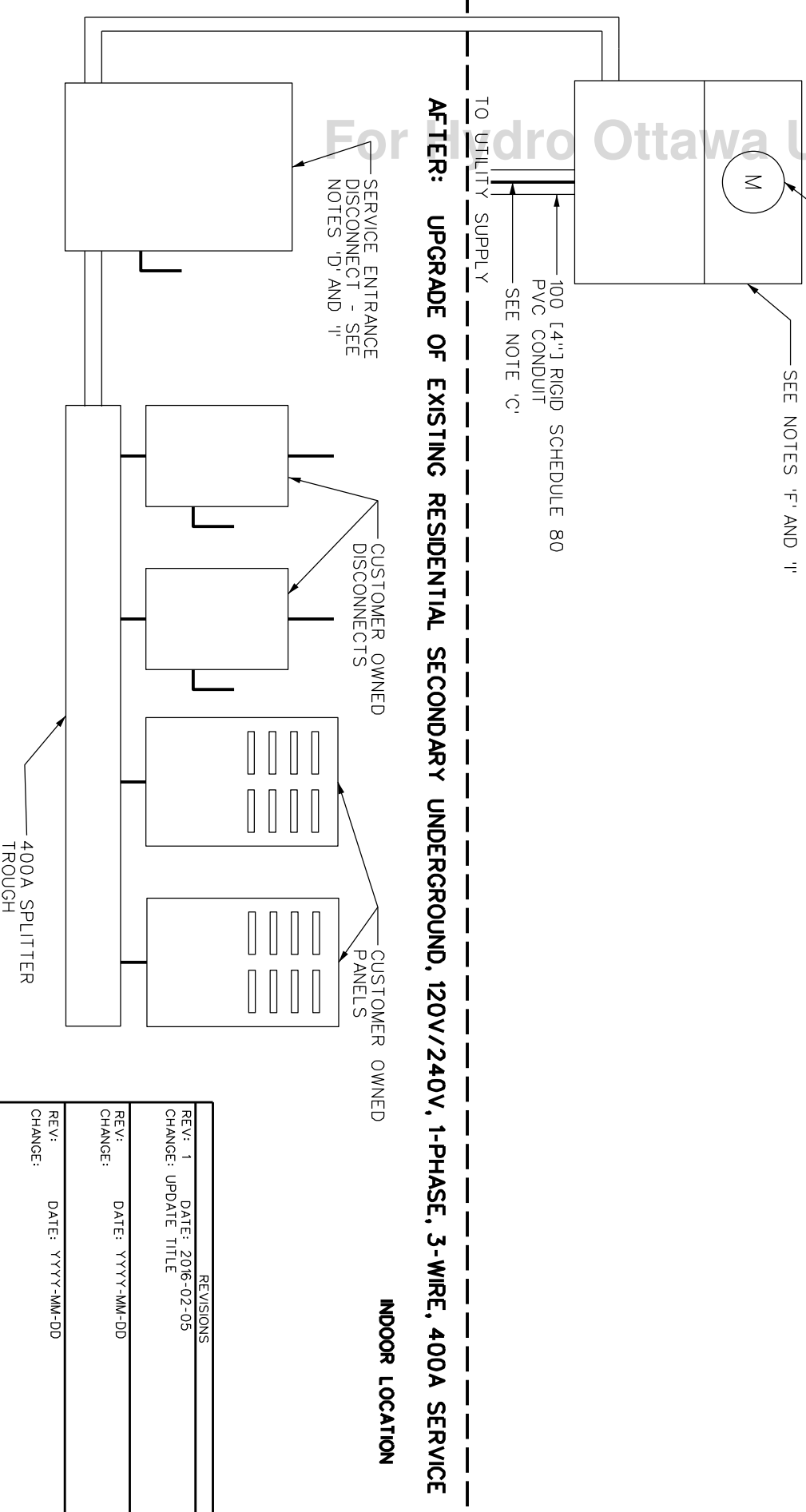


NOTES:

- A. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
- B. TRANSFORMER RATED METER SOCKET BASE.
- C. INCOMING 120V/240V, 1-PHASE, 400A SERVICE CONDUCTOR FROM UNDERGROUND DISTRIBUTION SYSTEM SUPPLY POINT.
- D. SERVICE ENTRANCE DISCONNECT, 1-PHASE, 400A, 3-WIRE, 120V/240V.
- E. EXISTING INSTRUMENTATION TRANSFORMER CABINET.
- F. NEW UNDERGROUND RATED, 1-PHASE, 400A, 120V/240V, COMBINATION SOCKET BASE METERING ENCLOSURE.
- G. SMART METER 1-PHASE, 2-WIRE, 240V, 20A TRANSFORMER RATED.
- H. REFER TO HYDRO OTTAWA REVENUE METERING SPECIFICATION GCS0008 FOR SPECIFIC REQUIREMENTS FOR INSTALLATION, METER SOCKET ENCLOSURE, AND CONDUIT.
- I. MINIMUM OF 1000 [3' 4"] OF CLEARANCE REQUIRED IN FRONT OF ALL ELECTRICAL AND REVENUE METERING EQUIPMENT IF INSTALLED AT OUTDOOR LOCATION; MINIMUM OF 1500 [5'] OF CLEARANCE REQUIRED IF INSTALLED AT INDOOR LOCATION.
- J. THE PROPOSED INSTALLATION SHALL COMPLY WITH THE ONTARIO ELECTRICAL SAFETY CODE (OESC) AND IS SUBJECT TO ELECTRICAL SAFETY AUTHORITY (ESA) INSPECTION AND APPROVAL.

OUTDOOR LOCATION

AFTER: UPGRADE OF EXISTING RESIDENTIAL SECONDARY UNDERGROUND, 120V/240V, 1-PHASE, 3-WIRE, 400A SERVICE



INDOOR LOCATION

REVISIONS		PREP	CHKD	APPD	TITLE
REV:	DATE:	JD	SMC	CJM	
1	2016-02-05				ENGINEERING SPECIFICATION RES 120V/240V, 1PH, 3W, 400A TRANSFORMER RATED SERVICE UPGRADE USING COMBINATION METER SOCKET BASE METER ENCLOSURE
CHANGE:	UPDATE TITLE				
PREP:	DATE:				
CHKD:	DATE:	www.hydroottawa.com			
APPD:	DATE:	PREP: G. MOLNAR (E.L.T.) CHKD: S. McNALLY (E.L.T.) APPD: C. MALONE P. Eng.			
SCALE:	DATE:	DATE: 2014-09-03 SCALE: N.T.S. @ ANSIB			
					NO: MCS0077
					1 REV: 1