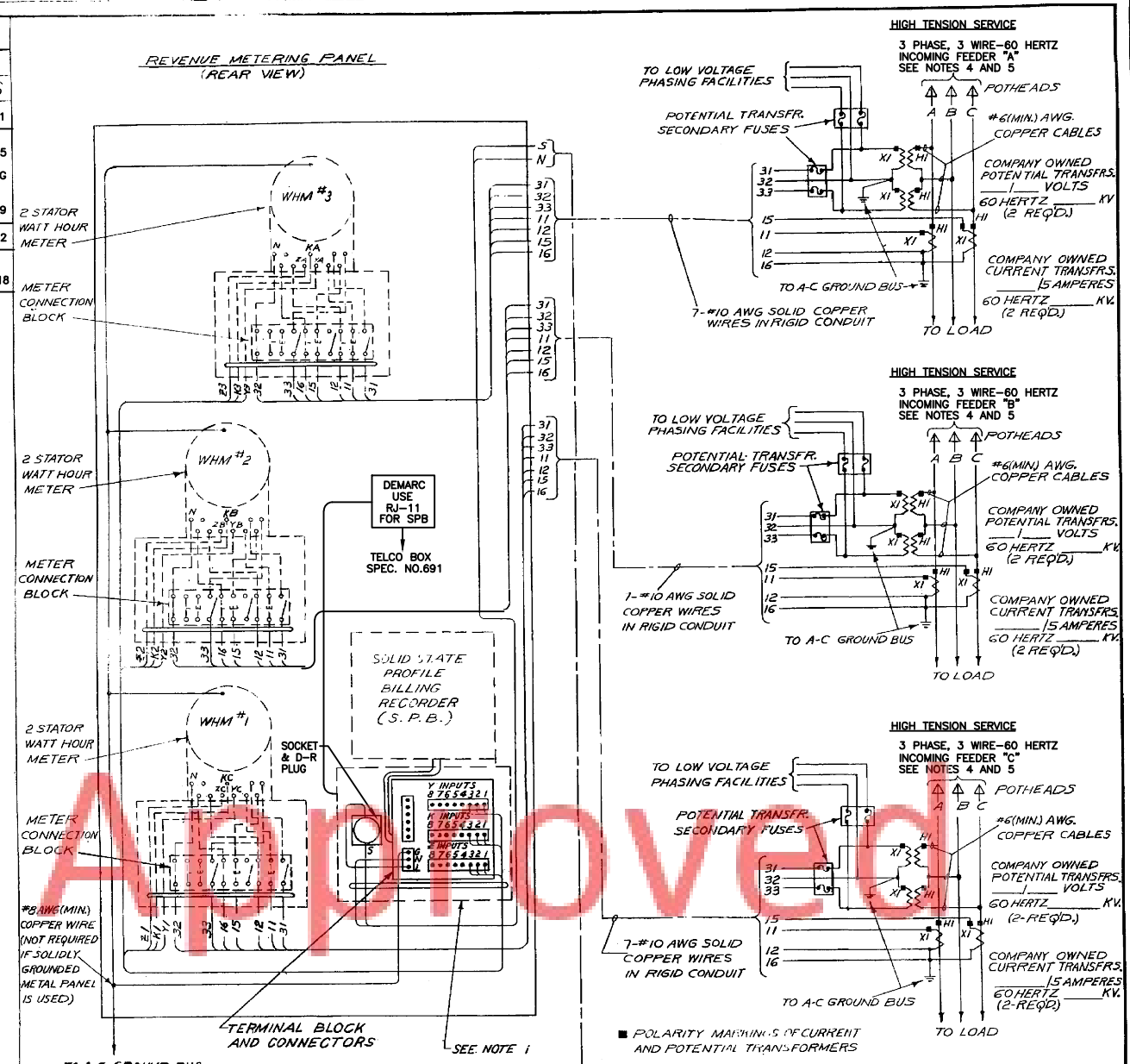
EO-16666-B

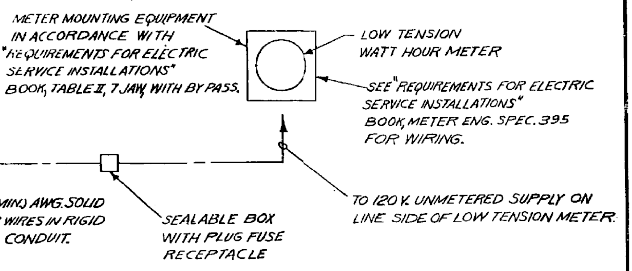
REVISIONS

H.MAR	1/19/98	1
CHANGED TITLE. ADDED NOTES 4, 5 AND DEMARC TO REVENUE METERING PANEL WIRING DIAGRAM. G.D.	1/19/99	
R.L	1/25/2018	2
ADDED NOTE 6. L.L.	1/25/2018	



Approved

LOW TENSION SERVICE FOR AUXILIARY LOAD
120/208 VOLTS-3 PHASE 4 WIRE-60 HERTZ



DIVISION OF RESPONSIBILITY

THE CUSTOMER SHALL FURNISH, LABOR, MATERIAL AND SUPERVISION FOR COMPLETE INSTALLATION, EXCEPT FOR ITEMS LISTED UNDER "WORK TO BE DONE BY COMPANY" THIS DIVISION OF RESPONSIBILITY APPLIES TO METERING FACILITIES ONLY.

WORK TO BE DONE BY COMPANY

FURNISH, INSTALL AND CONNECT REVENUE WATT HOUR METERS, AND SPB RECORDER.
FURNISH REVENUE METERING CURRENT AND POTENTIAL TRANSFORMERS TO BE INSTALLED AND CONNECTED BY CUSTOMER

REFERENCE DRAWING

SEE METER ENGINEERING SPEC.NO. 712 FOR DRILLING PLAN OF REVENUE METERING PANEL.

PURPOSE:

WIRING DIAGRAM OF REVENUE METERING FOR A MAXIMUM OF THREE 3-WIRE, 3-PHASE FEEDER INSTALLATIONS WHERE A SPB RECORDER AND NETWORK LOW TENSION AUXILIARY SUPPLY IS USED.

NOTES:

1. DEMAND METER MOUNTING EQUIPMENT FOR S.P.B. RECORDER D.S.I. SPEC. NO.108-A WITHOUT BACK PLATE.
2. FOR TWO METER INSTALLATIONS ELIMINATE WHM #3.
3. REFER TO METER ENGINEERING SPEC. NO.350 FOR COMPLETE REQUIREMENTS.
4. FOR 13KV 3Ø 3W SERVICE, PRIMARY FUSED POTENTIAL TRANSFORMER IS REQUIRED. SEE SPEC. NO.273-A.
5. FOR 27KV AND 33KV 3Ø 3W SERVICE, POTENTIAL TRANSFORMERS ARE NOT PRIMARY FUSED. SEE SPEC. NO.273-B.
6. NO A-BASE OR TOTALIZER EQUIPMENT SHALL BE ISSUED FOR NEW OR EXISTING LOW TENSION INSTALLATIONS. HOWEVER, POTENTIAL RELAYS SHALL BE INSTALLED AT A LOW TENSION SITE IF AN AUXILIARY SERVICE IS INSTALLED. THE PULSE WIRING, A-BASE METER AND TOTALIZER PORTIONS OF THIS SPECIFICATION IS FOR REFERENCE ONLY.

FIELD MANUALS
NO.4: SERV. INSTL.
SECT.6 METER INSTL.
NO.16 SERV. INSPEC.
AND CONTROL
SECT.3; ELECT. METER

PANEL WIRING DIAGRAM
NETWORK LOW TENSION AUXILIARY AVAILABLE

CONSOLIDATED EDISON COMPANY OF N.Y., INC.
DISTRIBUTION ENGINEERING DEPT.

DATE 8-10-84	SPEC. NO. 712-A	REV. 2
LAST REV. 1/25/2018		

NO	DATE	REVISIONS	APPROVED

FOR APPROVAL

DIV.	SIGNATURE	DATE

DRAWN BY JLUGO DATE 8-10-84 CHECKED BY DATE
TRACED BY DATE SCALE
APPROVED: DISTRIBUTION ENGINEER DATE
DIST. INSTR. ENGINEER DATE

DWG. NO. EO-16666-B