

EO-3477-D

REVISIONS

4

CHANGED TITLE
J.C. 2-9-70

C. MAGOULAS
1/9/17

5
ADDED NEUTRAL TERMINAL TO PHASING RECEPTACLES. ADDED GROUND SYMBOL TO NEUTRAL BUS. CHANGED ELECT. ENG'R. DEPT. TO ELECTRIC METER SHOP IN TITLE BLOCK. G.D. 1/9/17

INCOMING FEEDER A

INCOMING FEEDER B

A B C N PHASE LETTERS A B C N

POTENTIAL TRANSFORMER 120 VOLT SECONDARIES

10 AMP. PLUG FUSES

TO METERING EQUIPMENT IF BOTH PHASING RECEPTACLES AND METER ARE SUPPLIED FROM SAME POTENTIAL TRANSFORMER.
(REFER TO METER ENGINEERING SPEC. NO. 350)

FRONT VIEW

LOW VOLTAGE PHASING FACILITIES

REFERENCE FEEDER FEEDER (*)

ALL WIRING TO HESSEL RECEPTACLES SHALL BE WITH CONDUCTORS NOT SMALLER THAN NO. 14 A.W.G.

REFERENCE FEEDER FEEDER (*)

LETTER EQUIPMENT AS SHOWN (* - INSERT NUMBERS)

REFERENCE - GENERAL REQUIREMENTS FOR SERVICE TO HIGH TENSION CUSTOMERS, SPEC. EO-2022,

W.F. HESSEL CO. RECEPTACLES, EITHER TWO #11058 OR ONE DOUBLE #25092 OR EQUIVALENT. LOCATE NEAR FEEDER DISCONNECTING DEVICE AND ACCESSIBLE TO OPERATORS.

NOTES:

1. FOR A THREE FEEDER SERVICE- ONE FEEDER MAY BE USED AS REFERENCE FOR THE OTHER TWO.
2. FOR A FOUR FEEDER SERVICE- THE PHASING FACILITIES SHOULD BE ARRANGED AS ABOVE FOR PAIRS OF FEEDERS.
3. WHERE FEEDER CONTROL PANELS ARE IMMEDIATELY ADJACENT TO EACH OTHER, THE PHASING FACILITIES FOR REFERENCE VOLTAGE (SHOWN DOTTED) MAY BE OMITTED.

LOW VOLTAGE PHASING FACILITIES FOR 3 φ, 4 WIRE 2400/4150 VOLT FEEDERS USING 3 POTENTIAL TRANSFORMERS & 3 CURRENT TRANSFORMERS (SCHEMATIC CONNECTIONS)

CONSOLIDATED EDISON COMPANY OF N. Y., INC.
ELECTRIC METER SHOP

DATE 8-21-41 DWG. No. EO-3477-D REV. 5
LAST REV 1/9/17

CONSTR. STANDARD MANUAL #5 SEC. ELECTRIC

NO.	DATE	REVISIONS	CHECKED
4	2-13-70	CHANGE IN TITLE	
3	2-3-60	ADDED NOTES ON WIRING FROM S... TO DOTTED	
2	7-17-45	REMOVED NEUTRAL AND GLOW LAMPS. CHANGED NOTES AND POLARITY SIGN	
1	1-22-42	REMOVED GROUNDS, ADDED NEUTRAL WIRE	

DIV.	SIGNATURE	DATE

DRAWN BY J.H. Paulin	DATE 8-21-41	CHECKED BY R. Rose	DATE 9/12/41
TRACED BY	DATE	SCALE NONE	
APPROVED BY C. Magoulas		DATE 9/23/41	
OUTSIDE PLANT ENGINEER			