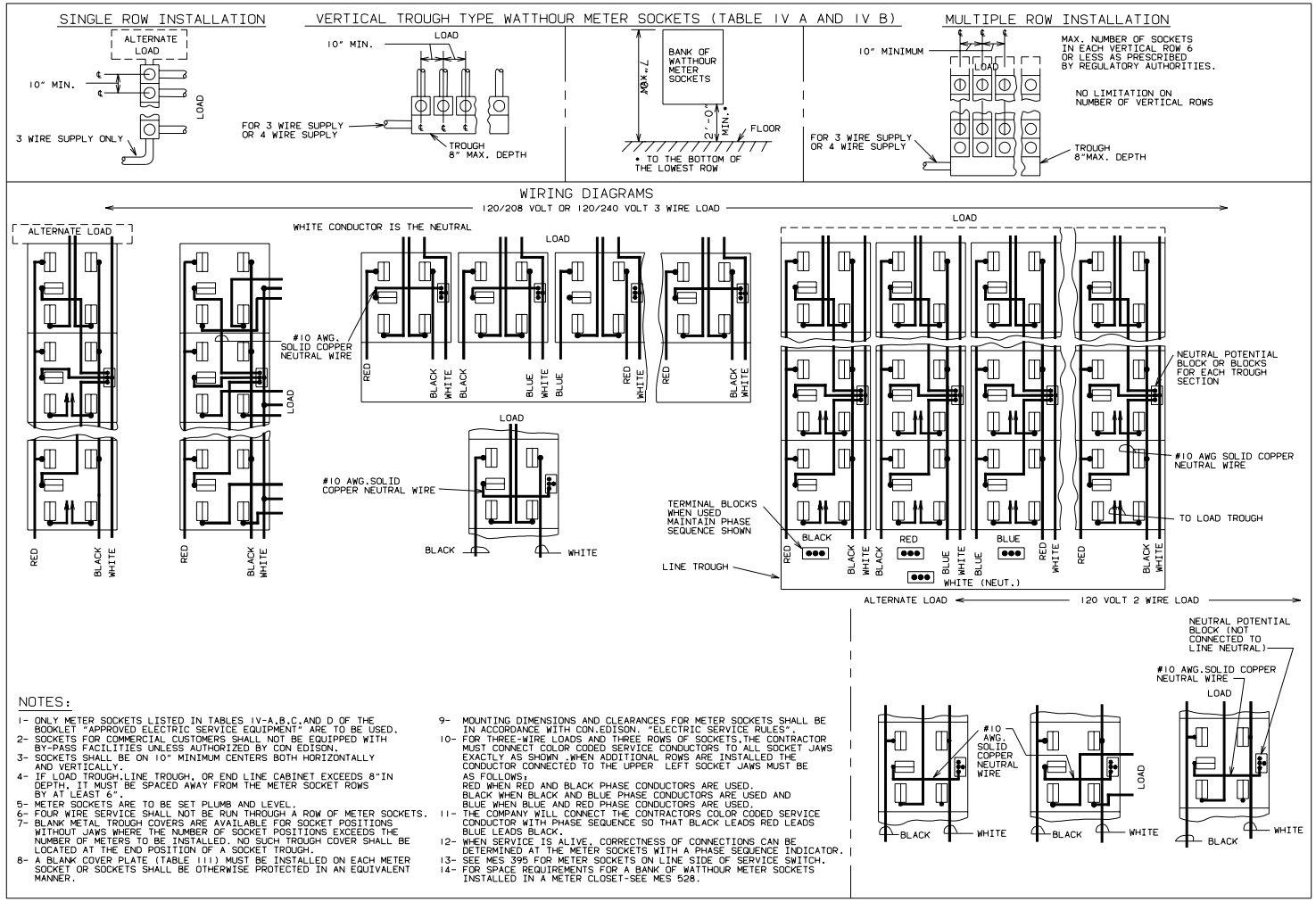
TRIM LINE TRANSMISSION

EO-9053-B

REVISIONS		
TLM 02/27/90	12	REDRAWN TO CADAM. W.J.T. 12/16/89 JP
P.L.M.(TMTDIT) 9/8/93	13	REMOVE "MAX. WIRE SIZE, 3#-2/0 AWG." ADD "AND INCLUDED BUS" INCLUDED. IF BELOW FLOOR GRADE V.D. 9/1/93 JP
	14	REMOVED 3'-0" MIN. FROM METER BANK & ADDED NOTE C.W. 3/11/94

FIELD MANUAL NO.4 SECTION 3
FIELD MANUAL NO.16 SECTION 3

REFERENCE DWG.
WATTHOUR METER SOCKETS SHEET 2 . . . . . EO-9054-B



NOTES:

1- ONLY METER SOCKETS LISTED IN TABLES IV-A,B,C,AND D OF THE BOOKLET "APPROVED ELECTRIC SERVICE EQUIPMENT" ARE TO BE USED.
2- SOCKETS FOR COMMERCIAL CUSTOMERS SHALL NOT BE EQUIPPED WITH BY-PASS FACILITIES UNLESS AUTHORIZED BY CON EDISON.
3- SOCKETS SHALL BE ON 10" MINIMUM CENTERS BOTH HORIZONTALLY AND VERTICALLY.
4- IF LOAD TROUGH,LINE TROUGH, OR END LINE CABINET EXCEEDS 8"IN DEPTH, IT MUST BE SPACED AWAY FROM THE METER SOCKET ROWS BY AT LEAST 6".
5- METER SOCKETS ARE TO BE SET PLUMB AND LEVEL.
6- FOUR WIRE SERVICE SHALL NOT BE RUN THROUGH A ROW OF METER SOCKETS.
7- BLANK METAL TROUGH COVERS ARE AVAILABLE FOR SOCKET POSITIONS WITHOUT JAWS WHERE THE NUMBER OF SOCKET POSITIONS EXCEEDS THE NUMBER OF METERS TO BE INSTALLED. NO SUCH TROUGH COVER SHALL BE LOCATED AT THE END POSITION OF A SOCKET TROUGH.
8- A BLANK COVER PLATE (TABLE III) MUST BE INSTALLED ON EACH METER SOCKET OR SOCKETS SHALL BE OTHERWISE PROTECTED IN AN EQUIVALENT MANNER.
9- MOUNTING DIMENSIONS AND CLEARANCES FOR METER SOCKETS SHALL BE IN ACCORDANCE WITH CON.EDISON. "ELECTRIC SERVICE RULES".
10- FOR THREE-WIRE LOADS AND THREE ROWS OF SOCKETS.THE CONTRACTOR MUST CONNECT COLOR CODED SERVICE CONDUCTORS TO ALL SOCKET JAWS EXACTLY AS SHOWN .WHEN ADDITIONAL ROWS ARE INSTALLED THE CONDUCTOR CONNECTED TO THE UPPER LEFT SOCKET JAWS MUST BE AS FOLLOWS;
RED WHEN RED AND BLACK PHASE CONDUCTORS ARE USED.
BLACK WHEN BLACK AND BLUE PHASE CONDUCTORS ARE USED AND BLUE WHEN BLUE AND RED PHASE CONDUCTORS ARE USED.
11- THE COMPANY WILL CONNECT THE CONTRACTORS COLOR CODED SERVICE CONDUCTOR WITH PHASE SEQUENCE SO THAT BLACK LEADS RED LEADS BLUE LEADS BLACK.
12- WHEN SERVICE IS ALIVE, CORRECTNESS OF CONNECTIONS CAN BE DETERMINED AT THE METER SOCKETS WITH A PHASE SEQUENCE INDICATOR.
13- SEE MES 395 FOR METER SOCKETS ON LINE SIDE OF SERVICE SWITCH.
14- FOR SPACE REQUIREMENTS FOR A BANK OF WATTHOUR METER SOCKETS INSTALLED IN A METER CLOSET-SEE MES 528.

WATTHOUR METER SOCKETS ON LOAD SIDE OF SERVICE DISCONNECT. (SHEET 1 OF 2)

CONSOLIDATED EDISON COMPANY OF N. Y. INC.
DISTRIBUTION ENGINEERING DEPARTMENT

DATE 2/25/59
LAST REV. 3/11/94

MES 447 REV. 14

	DIV	SIGNATURE	DATE
FOR APPROVAL			
EO-9053-B			

DRAWN BY J.V.P. 6/30/85 — DATE
TRACED BY — DATE
APPROVED — CHIEF DESIGN ENGINEER — DATE
METER ENGINEER — DATE
SCALE NONE
CHECKED BY — DATE

COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED