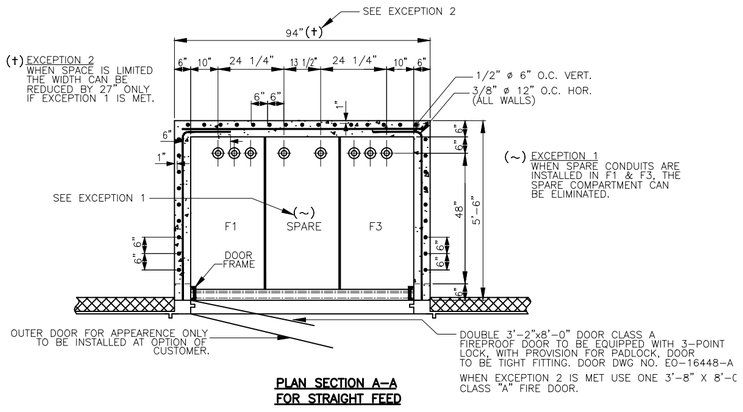
Approvers: Young, Derek L. 10/22/2014

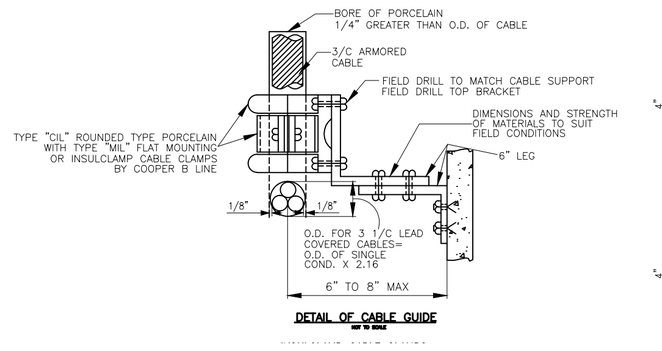
EO-5274-B

REVISIONS

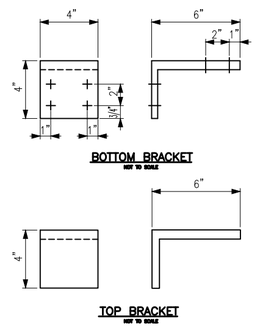
CHANGED CABLE PULLING EYE J.P.	2	
M. MEZA 10/14/09	3	
FOR RECORD AND INFORMATION ONLY G.D. 10/14/09		
REDRAWN INTO AUTOCAD. REPLACED REFERENCE TO LEAD SLEEVE WITH CABLE SPLICE. REPLACED 2'-2" DIMENSION WITH "VARIES". REMOVED MANUFACTURE NAME OF PORCELIAN GUIDE. REVISED BY D.J.T. APPROVED BY D. YOUNG	4	
ADDED EXCEPTION NOTES WITH RESPECT TO CHAMBER SIZING AND COMPARTMENT ELIMINATION. CONSOLIDATED NOTES SECTION. MINOR DETAIL CLARIFICATION ADDED. REVISED BY A.A. APPROVED BY D. YOUNG	5	
CHANGE DOOR SIZE FOR EXCEPTION 2. REVISED BY J.F. APPROVED BY D. YOUNG	6	

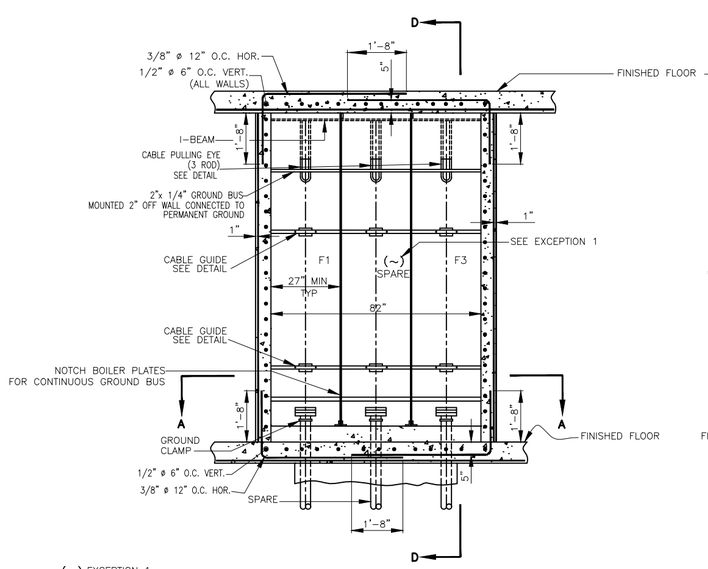


PLAN SECTION A-A
FOR STRAIGHT FEED

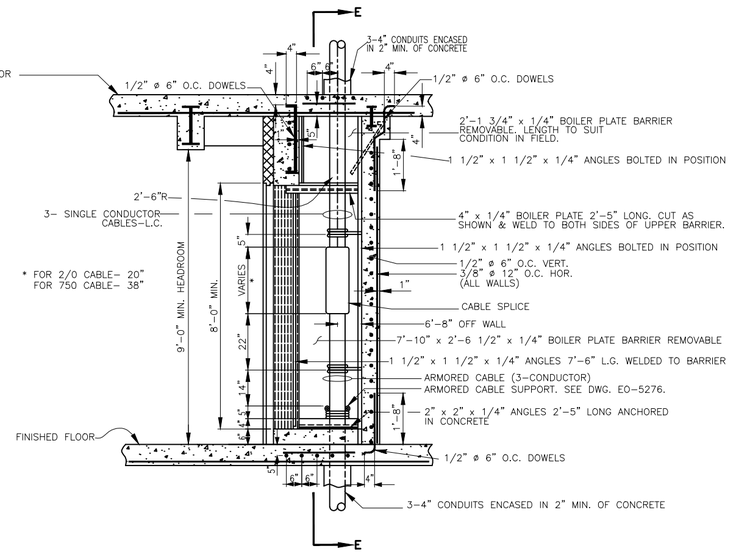


DETAIL OF CABLE GUIDE



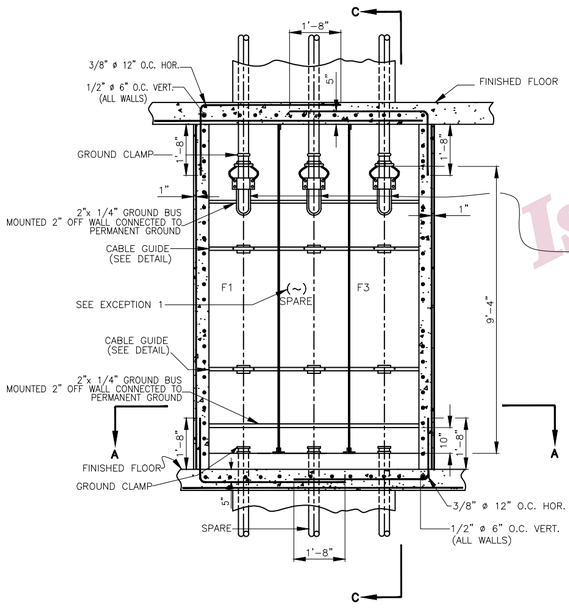


SECTION E-E

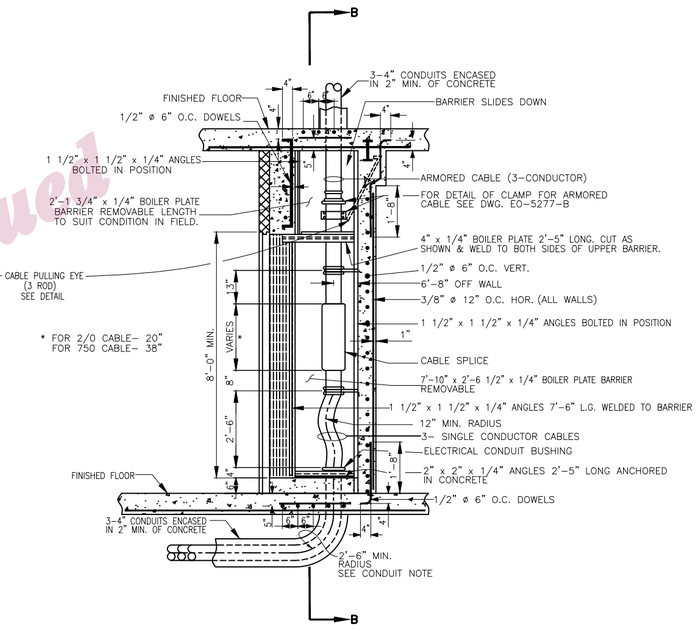


SECTION D-D

TYPICAL SPLICING AND SUPPORT CHAMBER AT TOP OF PRIMARY RISERS

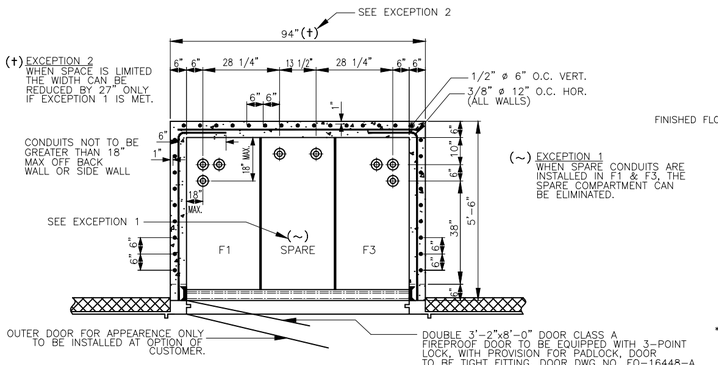


SECTION B-B

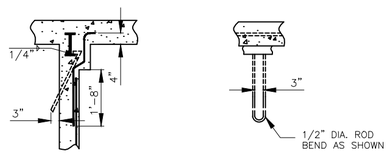


SECTION C-C

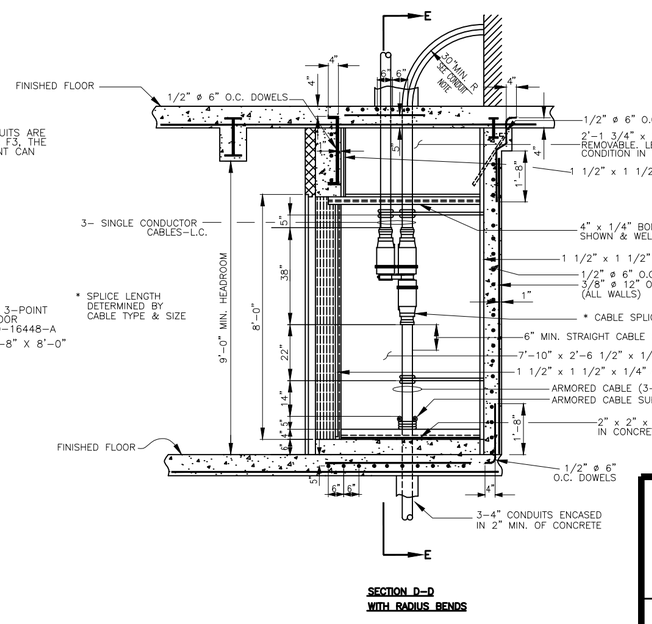
TYPICAL SPLICING AND SUPPORT CHAMBER AT BOTTOM OF PRIMARY RISERS



PLAN SECTION A-A
WITH RADIUS BENDS



PULLING EYE DETAIL



SECTION D-D
WITH RADIUS BENDS

NOTES:
THE STEEL WIRES OF THE VERTICAL CABLE AND THE LEAD SLEEVE (WHEN PRESENT) OF THE JOINT SHALL BE BONDED TO THE GROUND BUS.

CONDUIT NOTE
WHEN RADIUS OF BEND STARTS INSIDE SPLICE CHAMBER, CABLE RACKING TO BE ON SIDE WALL.

GROUNDING NOTE
GROUND BUS TO BE CONTINUOUS TINNED 2"x 1/4" COPPER BUS INSTALLED ON BACK AND SIDE WALLS CUT BOILER PLATE AS REQUIRED.

CONNECT ENDS OF GROUND BUS USING TIN PLATED 500kcmil TO TWO SYSTEM GROUND POINTS.

TERMINATE INCOMING CON EDISON FEEDER #4/0 NEUTRAL CABLES AND OUTGOING CUSTOMERS NEUTRAL CABLES AT THE SPLICE CHAMBER GROUND.

GROUND THE FLAT STRAP NEUTRAL OF PRIMARY CABLE AND THE JOINT BARE WIRES AS SHOWN ON LATEST REV OF DRAWING 322833 & 322834.

ALL BOILER PLATE BARRIERS ANGLES, CABLES SUPPORTS, DOORS AND FRAME AND CONDUITS TO BE BONDED TO GROUND BUS.

PURPOSE:
TO BE USED IN CUSTOMERS PREMISES ON PRIMARY RISERS

SUPERSEDES U.E.L.&P. CO. INC. DWG NO. 11120

TYPICAL SPLICING AND SUPPORT CHAMBERS AT TOP AND BOTTOM OF PRIMARY RISERS

CONSOLIDATED EDISON COMPANY OF N.Y., INC.
ELECTRICAL ENGINEERING DEPARTMENT
OUTSIDE PLANT BUREAU

DATE 4/29/49
LAST REV. 4/10/2014
DWG. NO. EO-5274-B **REV** 6

CONSTRUCTION STD.
MANUAL NO. 3
SECTION 32 MANHOLES CABLES

Issued