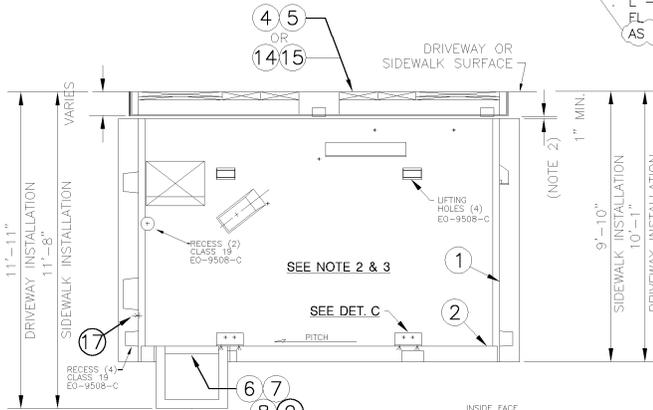
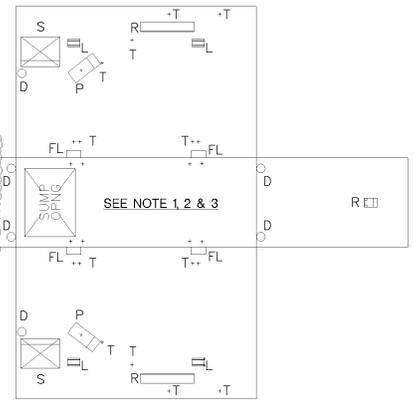
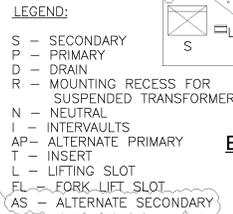
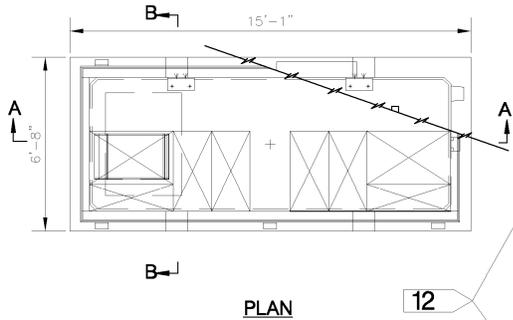


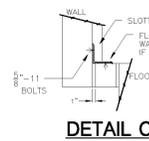
**REVISIONS**

R.RAEBIGER	10/23/02	10	CHG'D. VAULT DIMENSIONS WALL & HEIGHT RELEASE FOR RECORD PN 69970-ES-YD-11 MM 10/23/02
R.RAEBIGER	10/13/05	11	REMOVED SAFETY GUARD AND LADDER-ITEMS 10 THRU 13 RELEASE FOR CONSTRUCTION MM 10/13/05
J. LIU	6-7-11	12	ADDED LEGEND FOR ALTERNATE SECONDARY.
A. VASILE	6-7-11		

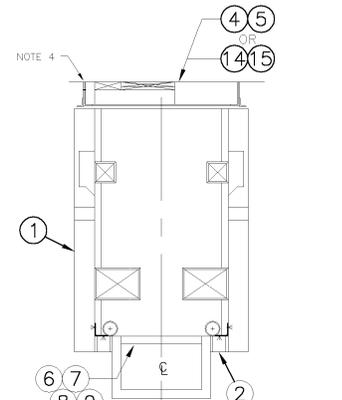


**SECTION A-A  
INSTALLATION OF ROOF ADJACENT  
TO CONCRETE AREA**

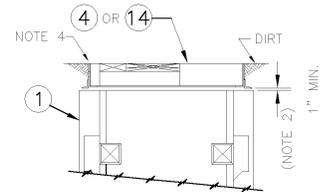
**TYP SEC CONDUIT  
INSTALLATION  
(NOTES 2, 3 & 8)**



**DETAIL C**



**SECTION B-B  
INSTALLATION OF ROOF ADJACENT  
TO CONCRETE AREA**



**PARTIAL SECTION B-B  
INSTALLATION OF ROOF  
ADJACENT TO DIRT AREA**

**NOTES:**

1. PRIMARY AND SECONDARY CONDUITS, INSERTS, NEUTRAL AND DRAIN OPENINGS SHALL BE DETERMINED PRIOR TO CONSTRUCTION. MAXIMUM NUMBER OF OPENINGS AND INSERTS ARE SHOWN IN EXPLODED VIEW. SELECT ONLY THOSE REQUIRED FOR SPECIFIC LAYOUT.
2. SPACE BETWEEN FRAME OR ASSEMBLY AND WALLS AND CONDUITS AND WALLS, TO BE FILLED WITH CEMENTITIOUS NON-SHRINK GROUT, SIKAGROUT 212, OR APPROVED EQUAL.
3. AFTER INSTALLATION, ALL OCCUPIED CONDUITS SHALL BE SEALED IN ACCORDANCE WITH SPEC. EO-1100.
4. AFTER INSTALLATION, SPACE BETWEEN FRAME AND SLAB SHALL BE FILLED WITH A SUITABLE MASTIC COMPOUND IN ACCORDANCE WITH SPEC. EO-100,623.
5. ENTIRE VAULT SHALL BE WATERTIGHT.
6. WHERE REQUIRED, USE SELF DRILLING THREADED ANCHORS AS PER SPEC. EO-1151.
7. PITCH FLOOR TOWARD SUMP.
8. INSTALLED CONDUITS TO BE CENTRALLY POSITIONED, WITH ENDS FLUSH WITH INSIDE FACE OF WALL.
9. AFTER INSTALLATION, FILL ALL UNUSED OPENINGS AND LIFTING HOLES WITH CEMENT MORTAR TO WHICH INTERPLAST-N-EXPANDING ADMIXTURE, OR APPROVED EQUAL, HAS BEEN ADDED.
10. IN ROCK EXCAVATION, INSTALL MANHOLE ON 3" CUSHION OF SAND.
11. USE SPREADER FOR LIFTING.

ITEMS ON THIS DRAWING ARE NOT COMPATIBLE WITH ITEMS FROM PREVIOUS REVISIONS.

**REFERENCE DWGS.**

SUMP PUMP INSTALLATION	EO-12160-C
DRAINAGE INSTALLATION- SUMP PUMP	EO-17079-B
TYPICAL CONNECTION TO PUBLIC SEWERS	EO-13027-B
V 13-6 INSTL. GUIDE (BY 7-8)	EO-13112-B & EO-13124-B
V 13-6 INSTL. GUIDE (BY 13-2)	EO-14014-B
V 13-6 INSTL. GUIDE (BY 13-8)	EO-14094-B
V 13-6 INSTL. GUIDE (BY 9)	313393

**PURPOSE:**

TO BE USED FOR INSTALLATION OF 1000 KVA EQUIPMENT IN SIDEWALK AREA FOR MULTIPLE BANK INSTALLATIONS AND STREET FEED.

**TRANSFORMER VAULT TYPE V 13-6  
INSTALLATION  
13'-6" x 5'-0" x 8'-6"**

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

DATE	1/2/66	DWG. NO.	EO-12912-B	REV.	12
LAST REV.	6/7/11				

ITEM	QTY	DESCRIPTION	DWG NO.	STK NO.
17	2	1/2-13 SELF-DRILLING ANCHOR	-	038-1541
16	AS REQD	CEMENT MORTAR	EO-100167	000-0208
15	1	ROOF SLAB AND GRATING FRAME, TYPE V-13-6 DW	EO-12982-B	-
14	1	ROOF SLAB AND GRATING ASSEMBLY TYPE V-13-6 DW	UNFINISHED FINISHED	EO-12981-A 002-5106
9	1	SUMP GRATING PANEL	ITEM 5	EO-12086-C 003-6095
8	1	SUMP GRATING FRAME	ITEM 2	EO-12086-C 003-6061
7	1	SUMP PLATE	ITEM 3	EO-12086-C 003-6079
6	1	SUMP PLATE FRAME	ITEM 1	EO-12086-C 003-6053
5	1	ROOF SLAB AND GRATING FRAME, TYPE V-13-6 SW	EO-12697-B	-
4	1	ROOF SLAB AND GRATING ASSEMBLY TYPE V-13-6 SW	UNFINISHED FINISHED	EO-12683-A 002-4794 002-4786
3	1	PRECAST CONCRETE SUMP	EO-10988-D	002-4810
2	1	PRECAST CONCRETE FLOOR	EO-12917-B	002-4836
1	1	PRECAST CONCRETE WALLS	EO-12917-B	002-4828

**BILL OF MATERIAL**

FIELD MANUAL  
NO.5: VAULT INSTL.  
SECT.NO. 2: VAULTS, STR.

FIELD MANUAL  
NO.11: SUBWAY CONST.  
SECT.NO. 2: VAULTS

FIELD MANUAL  
NO.12: SUBWAY CONST.  
SECT.NO. 2: VAULTS

FIELD MANUAL  
NO.17: SURVEY  
SECT.NO. 3: VAULTS

CONSTRUCTION STANDARDS  
MANUAL NO. 3  
SECT. 42: VAULTS