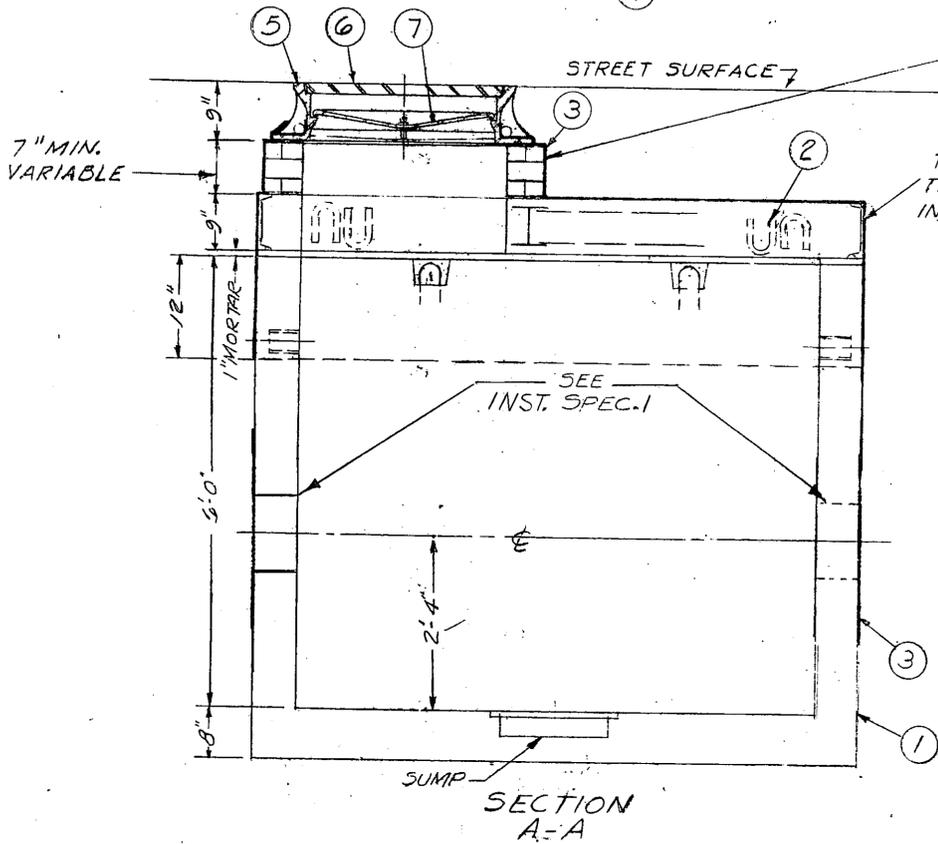
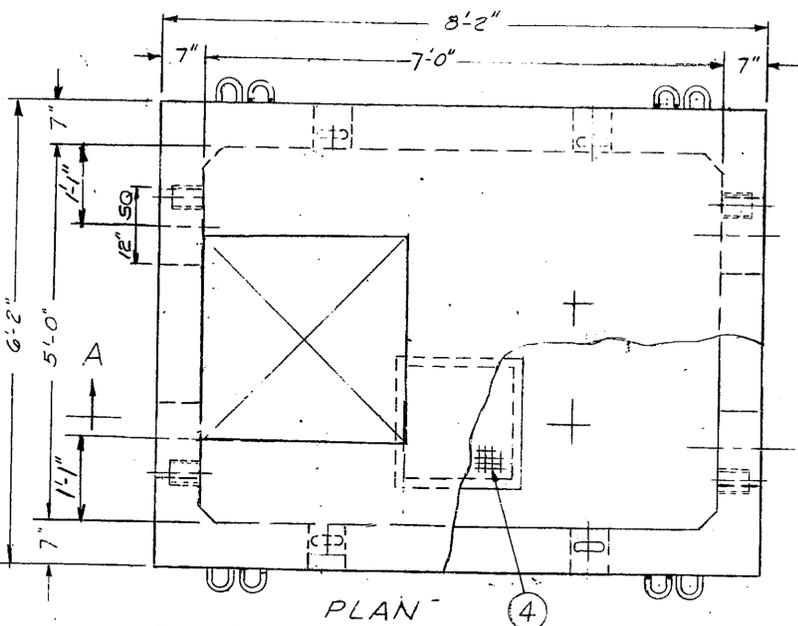


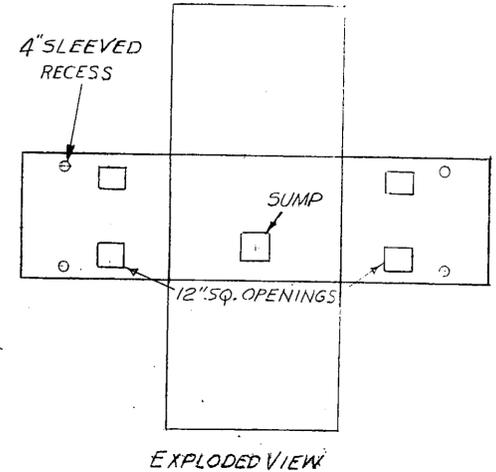
REVISIONS

C. J. [Signature] 1
 ADDED: THIS DWG
 SUPERSEDES EO-6115-B
 A.D. 10-14-82



MEMBRANE WATERPROOFING TO BE INSTALLED AROUND Q-8-9 FRAME AND CHIMNEY CONSTRUCTION FOR CONSTRUCTION AND INSTALLATION OF CHIMNEY SEE EO-10321-B BUILD CHIMNEY TO REQUIRED HEIGHT.

THIS ROOF IS DOUBLE REINFORCED. THE ACCESS OPENING MAY BE LOCATED IN THE OPPOSITE END OF THE MANHOLE.

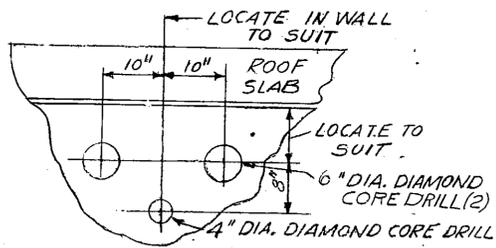


INSTALLATION SPECIFICATIONS:

- 1- AFTER MANHOLE IS INSTALLED FILL ALL OPENINGS WITH CEMENT MORTAR TO WHICH, SIKACHEMICAL CORP. "KEYON" METALLIC WATERPROOFING IS ADDED. (SEE EO-6702-D)
- 2- AFTER MAIN AND VENT PIPES HAVE BEEN INSTALLED, ROOF AND EXTERIOR WALLS AROUND PIPE OPENINGS SHALL BE MEMBRANE WATERPROOFED IN ACCORDANCE WITH CON. EDISON CO. SPEC-1007. THE WATERPROOFING SHALL EXTEND 12" MIN. IN ALL DIRECTIONS FROM ANY PATCHED OPENINGS AND ALONG ALL PIPES FOR A LENGTH OF 12" FROM EXTERIOR FACE OF WALL.
- 3- IN WET LOCATIONS THE ENTIRE MANHOLE INCLUDING THE BOTTOM, IS TO BE ENCASED IN MEMBRANE WATERPROOFING IN ACCORDANCE WITH CON. EDISON SPEC. EO-1007. THE ASSEMBLED MANHOLE SHALL BE WATERTIGHT.
- 4- IN ROCK EXCAVATIONS INSTALL MANHOLE ON A LEVEL SAND CUSHION AT LEAST 3" THICK.

APPROXIMATE WEIGHTS

WALLS AND FLOOR	= 18,500 LBS.
ROOF SLAB	= 4,820 LBS.
CAST IRON COVER	= 320 LBS.
CAST IRON FRAME	= 440 LBS.
CAST IRON INNER PAN	= 107 LBS.
TOTAL	24,187 LBS.



TYPICAL REQUIREMENTS FOR VENT POST INSTALLATION (LOCATE TO SUIT IN FIELD)

THIS DWG. SUPERSEDES EO-6115-B

REFERENCE DWGS:

- CHIMNEYS, COLLARS AND GRADING _____ EO-10321-B
- BLOCKS FOR, MH'S. CONST. AND INST. _____ EO-11817-B
- PREFABRICATED REINFORCEMENT _____ EO-14818-B
- PRECAST CONCRETE _____ EO-14818-B
- METHOD OF SEALING GAS PIPING IN MASONRY WALLS _____ EO-6702-D

ITEM NO.	QUANTITY	DESCRIPTION	REF. DWG. OR SPEC. NO.
7	1	CAST IRON INNER PAN TYPE Q-8-9	EO-9362-B
6	1	CAST IRON COVER TYPE Q-8-5	EO-9359-C
5	1	CAST IRON FRAME TYPE Q-8-9	EO-9361-B
4	1	1'-8" x 1'-8" CAST IRON GRATING	EO-1898-G
3	AS REQ'D.	MEMBRANE WATERPROOFING	EO-1007
2	1	PRECAST CONCRETE ROOF SLAB	EO-14818-B
1	1	PRECAST CONCRETE WALLS AND FLOOR	EO-14818-B

BILL OF MATERIAL

GAS REGULATOR MANHOLE TYPE GR-7-2
 7'-0" x 5'-0" x 6'-0"
 INSTALLATION

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

DATE 11-9-72 DWG. NO. **EO-14819-B REV. 1**
 LAST REV. 10-14-82

GAS OPERATIONS
 CONSTRUCTION
 STANDARDS
 VOLUME NO. 2

NO.	DATE	REVISIONS	APPROVED	DIV.	SIGNATURE	DATE	DRAWN BY	DATE	CHECKED BY	DATE

FOR APPROVAL

TRACED BY: _____ DATE: _____

APPROVED: *David M. [Signature]* DATE: _____
 DESIGN ENGINEER

SCALE: 3/4" = 1'-0"