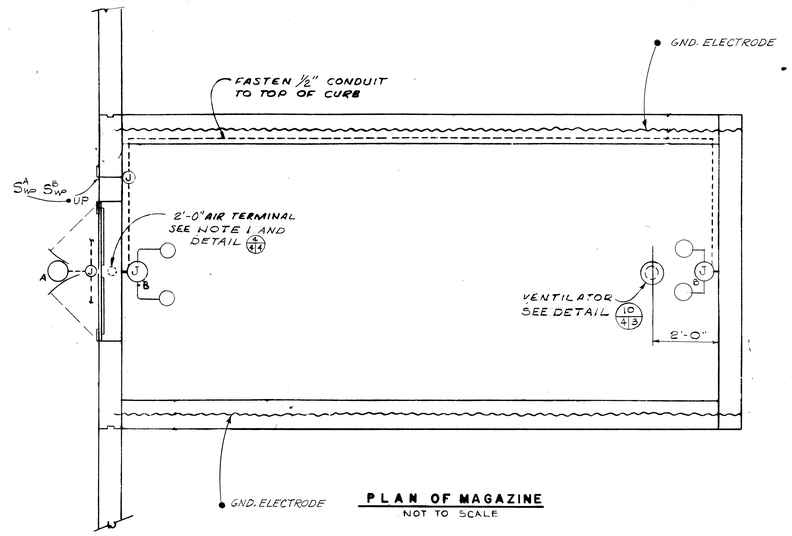
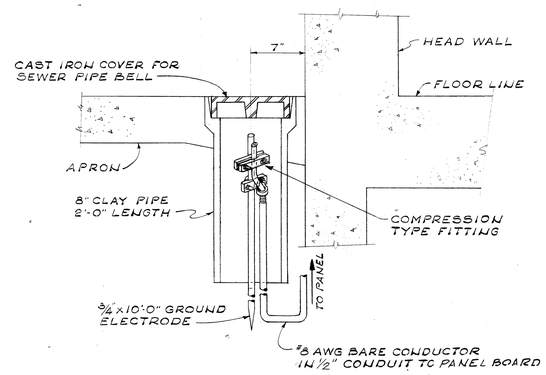
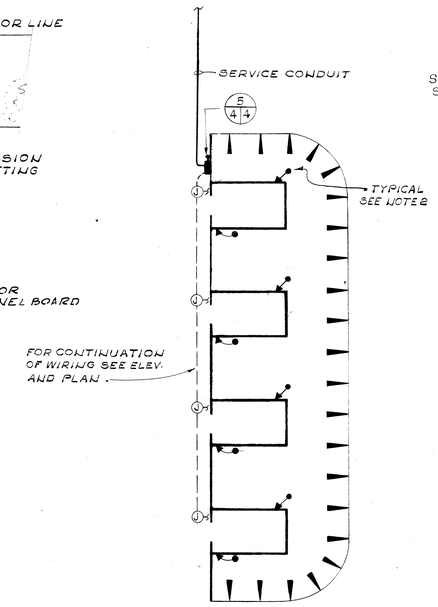


PLAN OF MAGAZINE
NOT TO SCALE



DETAIL 5/4 4
SCALE: 1 1/2" = 1'-0"



SITE PLAN
WIRING SCHEMATIC AND GROUNDING PLAN
(NOT TO SCALE)

WIRING LEGEND:

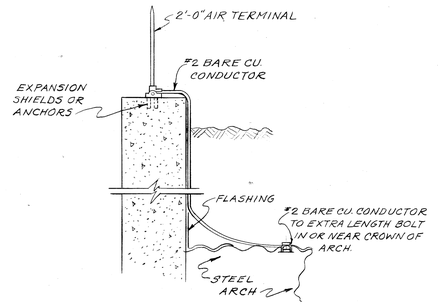
- LIGHTING LOAD CENTER TYPE PANEL BOARD.
- INCANDESCENT BRACKET TYPE LIGHT FIXTURE.
- S^A_{WP} SINGLE POLE SWITCH, WEATHERPROOF-CONTROLS OUTLET A
- S^B_{WP} " " " " " " B
- C CONDUIT.
- J JUNCTION BOX - CAST METAL WITH THREADED HUBS
- BRANCH CIRCUIT EXPOSED ON WALL NOTE: ANY CIRCUIT WITHOUT FURTHER DESIGNATION INDICATES A TWO-WIRE CIRCUIT. A GREATER NUMBER OF WIRES ARE INDICATED AS FOLLOWS:
  - (3 WIRES)
  - (4 WIRES)
- FEEDER.

GROUNDING LEGEND

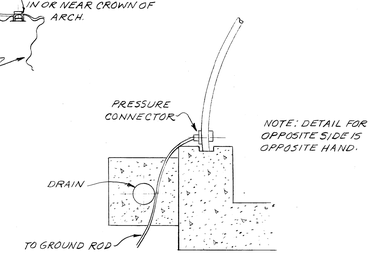
- ▲ CONNECTION OF #2 BARE CU. CONDUCTOR TO STEEL ARCH.
- ● COPPER CLAD STEEL GROUND ELECTRODE, 3/4" X 10'-0" LONG.

NOTES:

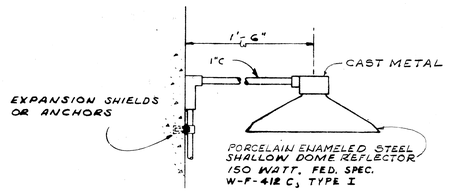
1. CONNECT AIR TERMINALS ON PORTAL WALL TO STEEL ARCH AND CONNECT STEEL ARCH TO GROUNDING ELECTRODES.
2. GROUND ELECTRODES SHALL BE LOCATED NOT LESS THAN 3'-0" OR MORE THAN 8'-0" FROM STRUCTURE FOOTING. ELECTRODES SHALL BE DRIVEN SO THAT THE TOPS WILL BE NOT LESS THAN THE ELEVATION OF BOTTOM OF MAGAZINE FOUNDATION.
3. CONDUIT TYPE UNIONS SHALL BE USED WHERE REQUIRED TO MAKE UP THE RIGID CONDUIT SYSTEMS. RUNNING THREADS ARE NOT PERMITTED.
4. HOLES SHALL NOT BE MADE IN STEEL ARCH FOR THE INSTALLATION OF ELECTRIC WORK.
5. INTERIOR FIXTURES AND WIRING SHALL CONFORM TO REQUIREMENTS FOR CLASS 2, GROUP F & G, DIVISION 1 OF N.E.C. FOR HAZARDOUS LOCATION.
6. DO NOT DISTURB BOLTS IN STEEL ARCHES AFTER WATER PROOFING HAS BEEN APPLIED.



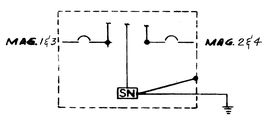
DETAIL 4/4 4
SCALE: 1" = 1'-0"



SECTION A/4 4
N.T.S.

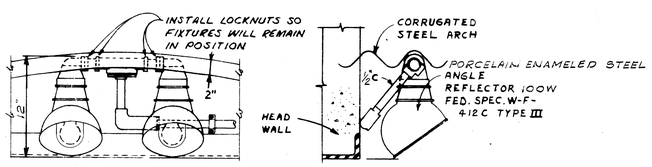


TYPE "A" EXTERIOR LIGHTING FIXTURE DETAIL
N.T.S.

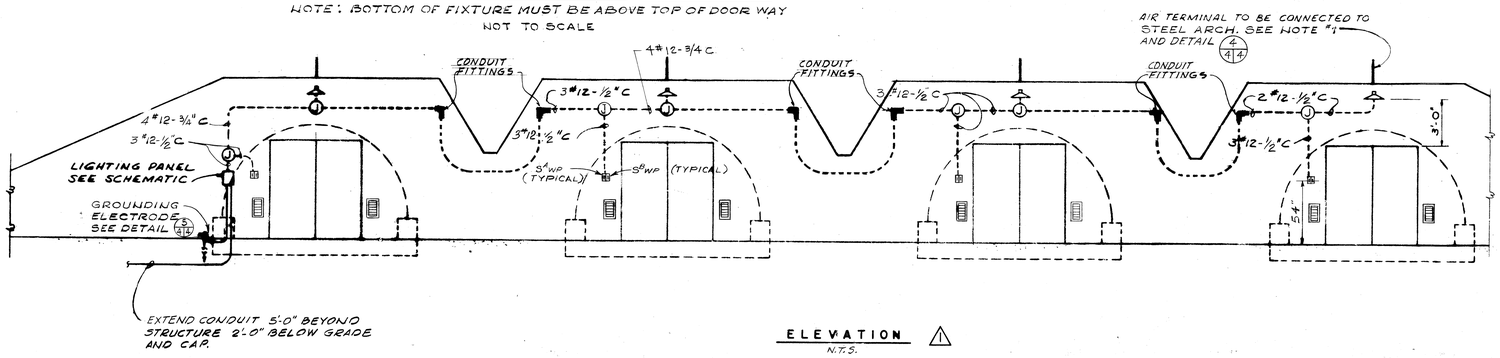


LIGHTING PANEL SCHEMATIC

120/240 V. 3W. SN. SURFACE-MOUNTED, WEATHERPROOF C/B PANEL WITH 20 AMP. CKT. BKRS. NEUTRAL CONDUCTOR SHALL BE CONNECTED TO GROUND ONLY AT PANEL.



TYPE "B" INTERIOR LIGHTING FIXTURE DETAIL (SEE NOTE 5)
NOTE: BOTTOM OF FIXTURE MUST BE ABOVE TOP OF DOOR WAY
NOT TO SCALE



ELEVATION △1
N.T.S.

GRAPHIC SCALES
1" = 1'-0"
1 1/2" = 1'-0"

ADAPTED FROM DWG. 33-15-63

SYMBOL	DESCRIPTION	DATE	APPROVAL
△1	REV. CONDUIT AND NO. OF WIRES IN ELEV.	8/22/66	

REVISIONS

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APPROVED: CHIEF ENGINEERING DIVISION, MIL. CONSTR. O.C.E.
DATE: 18 JULY 1966

EARTH-COVERED STEEL-ARCH MAGAZINES

DETAILS ELECTRICAL

APPROVED FOR
DATE:
SCALE AS NOTED
SPEC. NO.
DRAWING NUMBER 33-15-71
SHEET 4 OF 4