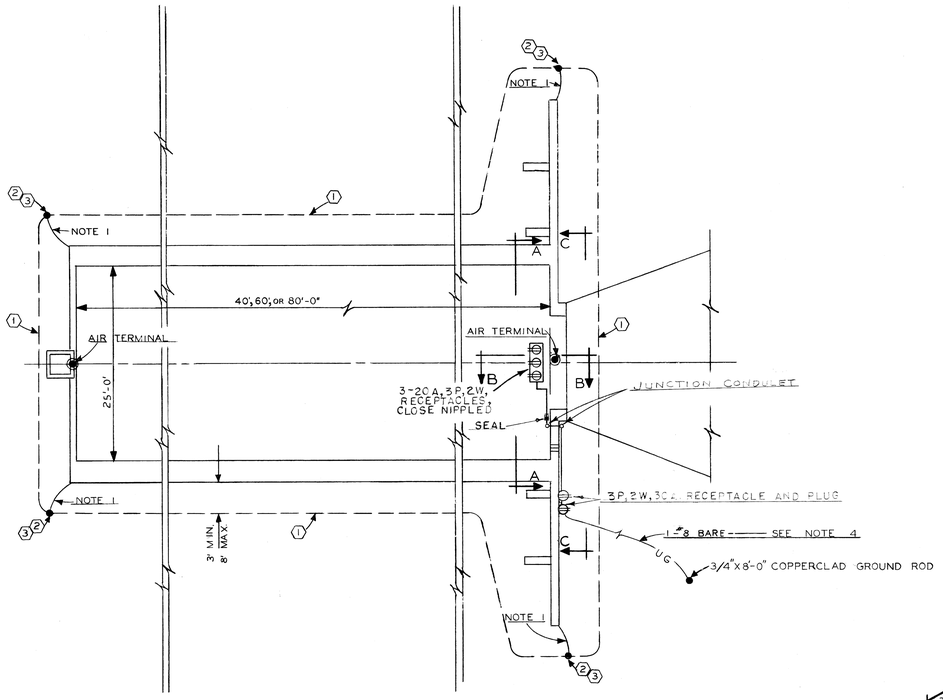
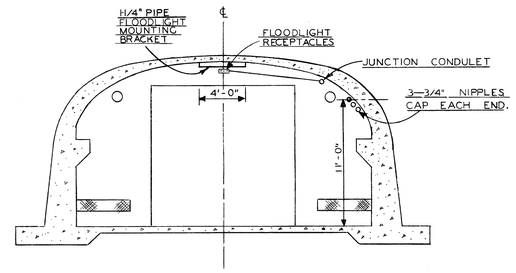
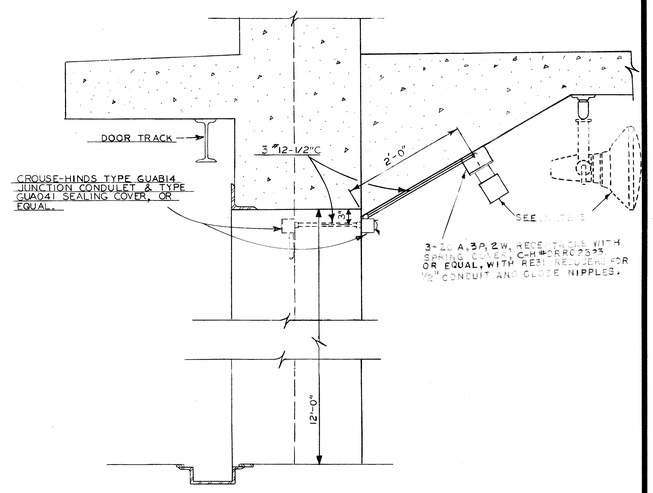
8-8-57
11-27-57



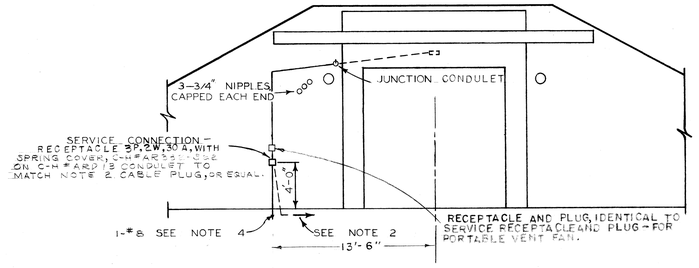
PLAN FOR 40, 60, OR 80 FOOT MAGAZINES
SCALE: 1/8" = 1'-0"



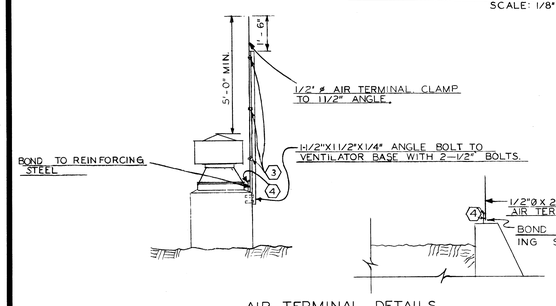
ELEVATION A-A
SCALE 3/16" 1'-0"



SECTION B-B
SCALE: 1" = 1'-0"



ELEVATION C-C
SCALE 3/16" = 1'-0"

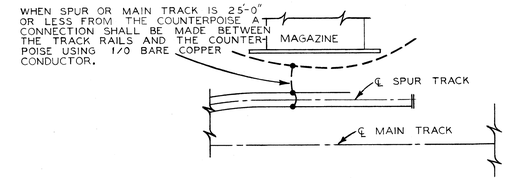


AIR TERMINAL DETAILS
SCALE: 3/8" = 1'-0"

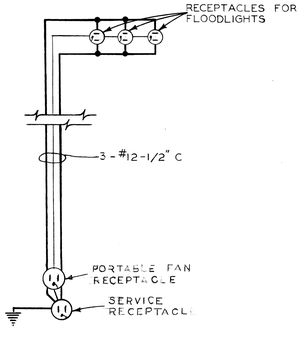
NOTES

1. #1/0 BARE STRANDED COPPER CONDUCTOR
2. 3/4" x 10'-0" COPPERCLAD GROUND ROD
3. "U" BOLT PERPENDICULAR PRESSURE CLAMP
4. "U" BOLT PARALLEL PRESSURE CLAMP

1. CONNECTIONS TO COUNTERPOISE FROM BUILDING REINFORCING STEEL SHALL BE AS INDICATED ON SHTS. 3, 6, & 7.
2. 75'-2/C #8. RR, USE DIRECT BURIAL, SERVICE CABLE WITH 30 A, 3P, 2W, FEMALE PLUG, C-H #ARD 3363-G22, OR EQUAL AND PORTABLE GENERATOR WILL BE GOVERNMENT FURNISHED.
3. A TOTAL OF 3-200 W. PORTABLE FLOODLIGHTS (NOT 3 FOR EACH STRUCTURE), C-H, TYPE ADED-12, CAT #47172, OR EQUAL, SHALL BE FURNISHED WITH NOT LESS THAN 4 FEET OF 3/C #16 RHW CABLE AND MALE PLUG, C-H #DEP 4161, OR EQUAL. SEE SPECIFICATIONS.
4. PROVIDE 1/2" C FOR GROUND CONDUCTOR TO POINT APPROX. 2'-0" BELOW FINISHED GRADE AND TERMINATE WITH BUSHED ELBOW.
5. WIRING SHALL BE SURFACE INSTALLED.
6. INTERIOR WIRING AND EQUIPMENT SHALL CONFORM WITH REQUIREMENTS OF N.E.C. FOR I-A-2, CLASS II, DIV. 1 GROUP G INSTALLATION. EXTERIOR FIXTURES AND WIRING DEVICES SHALL BE WATERTIGHT.



RAILROAD GROUNDING DETAIL
NO SCALE



WIRING DIAGRAM

SYMBOL	DESCRIPTION	DATE	APPROVAL

REVISIONS

BLACK & VEATCH
CONSULTING ENGINEERS
KANSAS CITY, MISSOURI

DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
MILITARY CONSTRUCTION — ENGINEERING DIVISION
WASHINGTON, D. C.

DRAWN BY: J.J. DAW
TRACED BY: J.J. DAW
CHECKED BY: FR
SUBMITTED: BY: BLACK & VEATCH

MAGAZINE, STRADLEY TYPE
EARTH COVERED
ATOMIC BLAST RESISTANT
LIGHTING AND WIRING
REMOVABLE FLOODLIGHTS

APPROVED: CHIEF UTILITIES BRANCH
APPROVED: CHIEF, ENGINEERING DIVISION MIL. CONSTR., O.C.E.
DATE: 3 FEB 1958
APPROVED FOR:
DATE:
SCALE: AS NOTED
SPEC. NO. 33-15-58-57-CE
DRAWING NUMBER
SHEET 11
33-15-58

FILMED