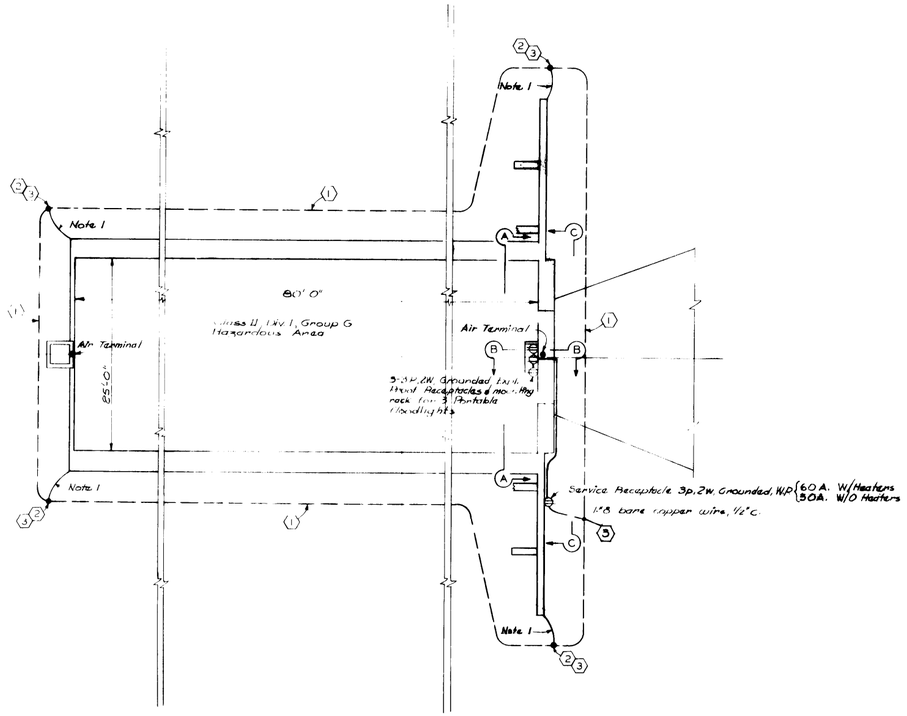
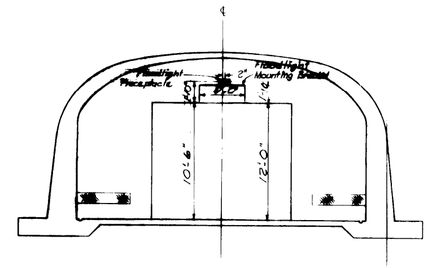
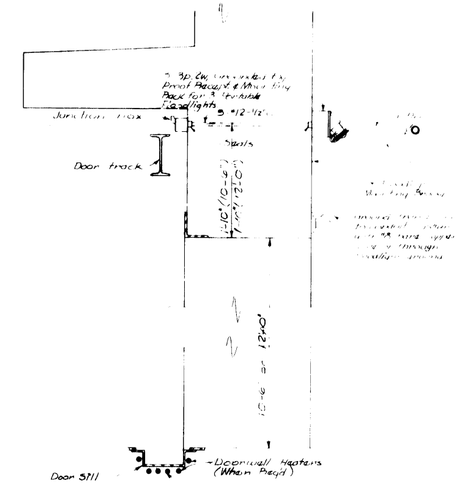


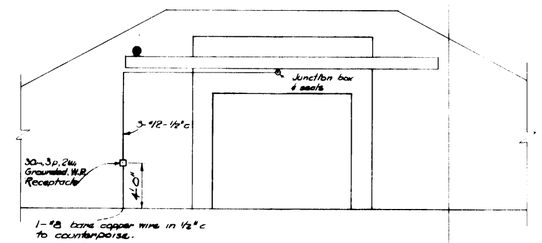
PLAN
SCALE 1/8"=1'-0"



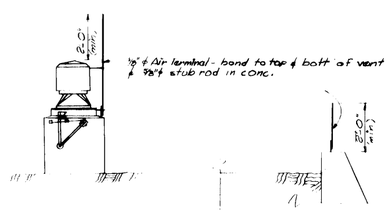
ELEVATION A-A
SCALE 3/16"=1'-0"



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



ELEVATION C-C
WITHOUT DOORWELL HEATERS
SCALE 3/16"=1'-0"



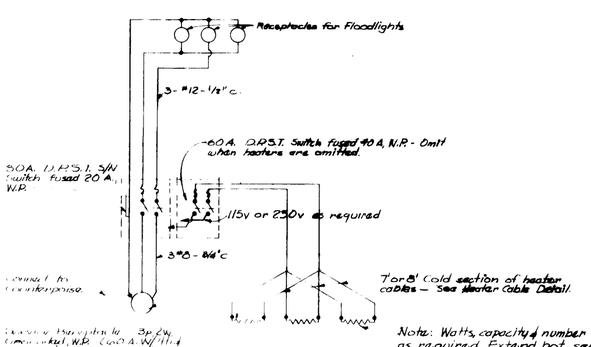
AIR TERMINAL DETAILS
SCALE 3/8"=1'-0"

GROUNDING NOTES

1. #1/0 bare, stranded copper conductor, 8'-0" to 8'-0" from foundation, 8'-6" below floor level.
2. 3/4" x 10'-0" copperweld ground rod.
3. Connection of thermo or thermo chemical type.

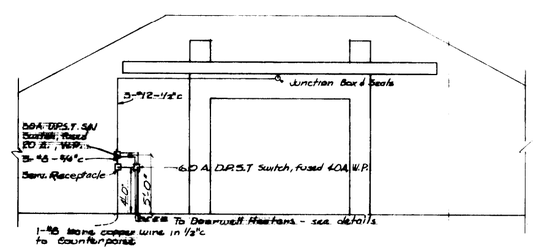
Note:
1. Pigtail shall be connected to counterpoise system. For location also see sheet no. 6&7.

DOORWELL HEATER DETAIL
NO SCALE



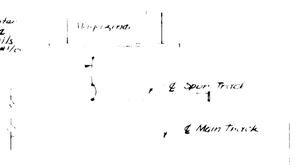
Note: Watts, capacity & number of loops as required. Extend hot sections of cable full length of door trough

WIRING DIAGRAM



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

When spur or main track is 25'-0" or less from the counterpoise, a connection shall be made between the track rails & the counterpoise using a #1/0 bare copper conductor.



RAILROAD GROUNDING DETAIL
NO SCALE

NOTES

1. A portable 115/230 volt power unit having a minimum rating of 7.5 KW will be required for magazines with Doorwell Heaters. Power units will be furnished by using service.
2. One 750 MCM - #8 Service entrance cable complete with a compatible plug, shall be furnished for the connection between the magazine & the power unit for the site.
3. The service receptacle shall match other similar purpose existing receptacles of the base.

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 25

DRAWN BY: M.C.
TRACED BY: M.C.
CHECKED BY: J.A.
SUBMITTED: R.A.

MAGAZINE, STRADLEY TYPE

EARTH COVERED

LIGHTING & WIRING

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