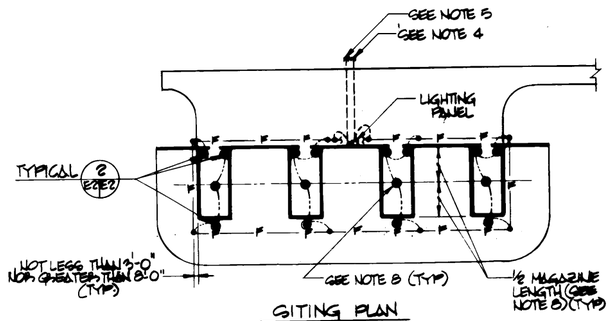
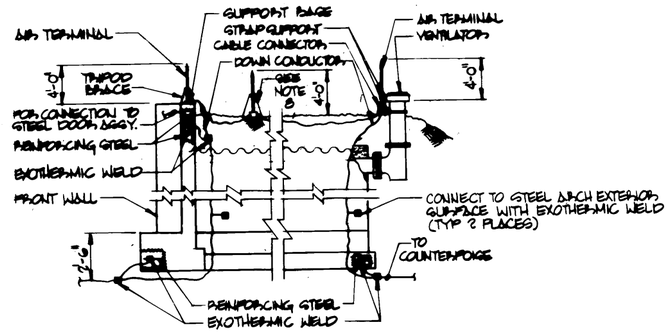
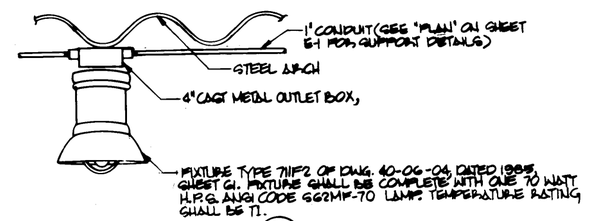


GITING PLAN
NOT TO SCALE



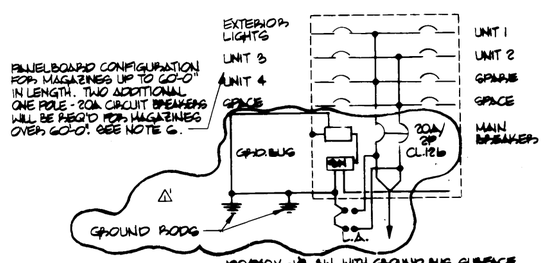
DETAIL 2 E1 E2
NOT TO SCALE



DETAIL 1 E1 E2
NOT TO SCALE

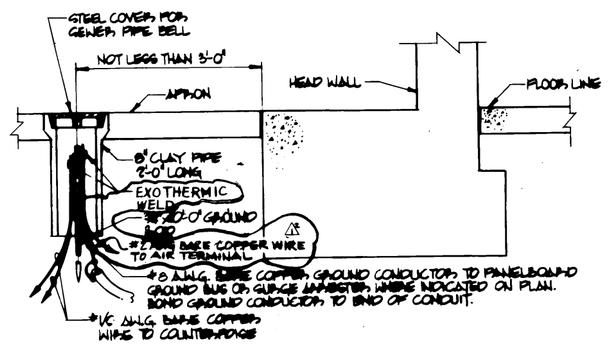
CONNECTED LOAD PER UNIT			
LIGHTING (WATTS)		RECEPTACLES (WATTS)	TOTAL (WATTS) ① ②
EXTERIOR	INTERIOR		
350	806	200	1256

① ASSUMING A 60' MAGAZINE
② MAX. LOAD - 4 BAYS - 90' MAGAZINE: 2.81 KVA

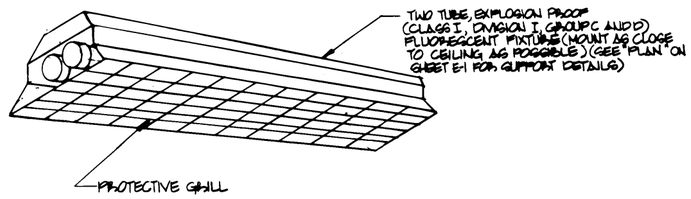


PANELBOARD V.-12B-3W. WITH GROUND BUS, SURFACE MOUNTED IN WEATHERPROOF ENCLOSURE WITH A HINGE. ALL CBS RATED 20A - 1P CL. 126 EXCEPT AS NOTED OTHERWISE. SOLID NEUTRAL BUS SHALL BE CONNECTED TO THE GROUND BUS ONLY IN THE PANELBOARD. BOND PANELBOARD ENCLOSURE TO GROUND BUS.

LIGHTING PANELBOARD SCHEMATIC



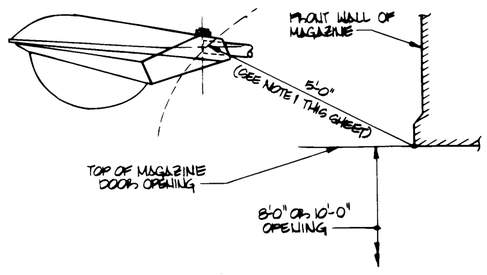
DETAIL 3 E1 E2
NOT TO SCALE



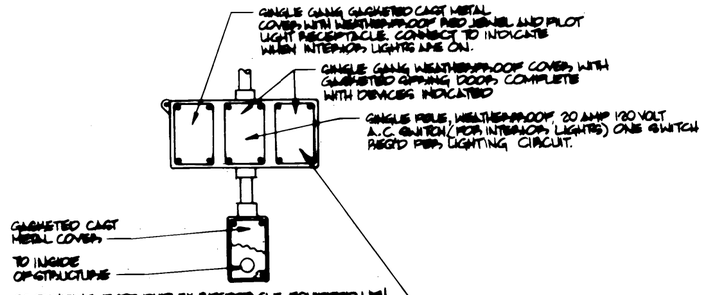
DETAIL 1A E1 E2 — MAY BE USED IN PLACE OF H.P.S. FIXTURE INSIDE OF MAGAZINE

NOTE:

1. THE TYPE 401 LIGHT FIXTURE SHALL BE LOCATED ON THE ℄ OF THE MAGAZINE AND OUTSIDE OF A 5'-0" RADIUS FROM THE FRONT TOP EDGE OF THE MAGAZINE DOOR OPENING. THE DOOR TRACK WOOD SHOULD NOT BLOCK DIRECT LIGHTING ON THE LOWER TWO-THIRDS OF THE DOOR.



FIXTURE TYPE 402-C-3, 125 WATT HIGH PRESSURE SODIUM (NOT TO SCALE)
U.S. ARMY CORPS OF ENGINEERS STD. DWG. NO. 40-06-04 SHEET 42, DATED 1985



GROUNDING TYPE DUPLEX RECEPTACLE, EQUIPPED WITH GROUND FAULT CIRCUIT INTERRUPTION PROVISIONS, SHALL BE PROVIDED. THE AMPERE AND VOLTAGE RATING SHALL BE SUITABLE FOR THE MAXIMUM AMPERE DEMAND CALCULATED AND THE VOLTAGE RATING OF THE SERVICE AVAILABLE AT THE SPECIFIC MAGAZINE. GENERALLY THE RECEPTACLE SHALL BE RATED AT NOT LESS THAN 20 AMPERES AT 125 VOLTS ALTERNATING CURRENT AND RATED TO TRIP WHEN A GROUND-FAULT CURRENT EXCEEDS 20 MILLIAMP

DETAIL 4 E1 E2
NOT TO SCALE

Symbol	Description	Date	Approved
A	GENERAL REVISION/LIGHTNING PROTECTION		RAM

Revisions

U.S. ARMY ENGINEER DIVISION, HUNTSVILLE
CORPS OF ENGINEERS
HUNTSVILLE, ALABAMA

Site adapt A/E :

US Army Corps of Engineers

MAGAZINE, STEEL
SEMICIRCULAR-ARCH, EARTH-COVERED

ELECTRICAL DETAILS

Dwn. by : RDP | Ckd. by : WEB

Reviewed by : JSR Hoffman

Date :

Sheet reference number : E-2

Design file no. : 30099

Rev.

Approved by :

Drawing code : STD 421 - 80 - 01

Sheet 11 of 11