

Revision	Date	No.

Notice

NO PART OF THESE PLANS AND/OR PROJECT MANUAL MAY BE REPRODUCED, COPIED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM BY ANY MEANS WITHOUT PRIOR WRITTEN PERMISSION OF MITZEL + SCROGGS ARCHITECTS, INC.

DRAWINGS SHALL NOT BE SCALED. QUESTIONS ON DIMENSIONS SHALL BE REFERRED TO THE ARCHITECT'S OFFICE.

CONTRACTORS SHALL VERIFY AND COORDINATE ALL DIMENSIONS, DETAILS, AND JOB CONDITIONS.

NOTE: CONTRACTOR SHALL PROVIDE AN INTERIOR CLEAR, NO BUILD ZONE BETWEEN 8'-0" & 9'-0" A.F.F. (I.E. NO DUCTS, DIFFUSERS, HANGERS OR FIXTURES ETC.)

Verizon inc.
 Addition to R.S.U. Building
 Hillman Remote
 1235 Bryan Lane
 O'Fallon, Missouri 63366

mitzel + scroggs
 architects designers planners

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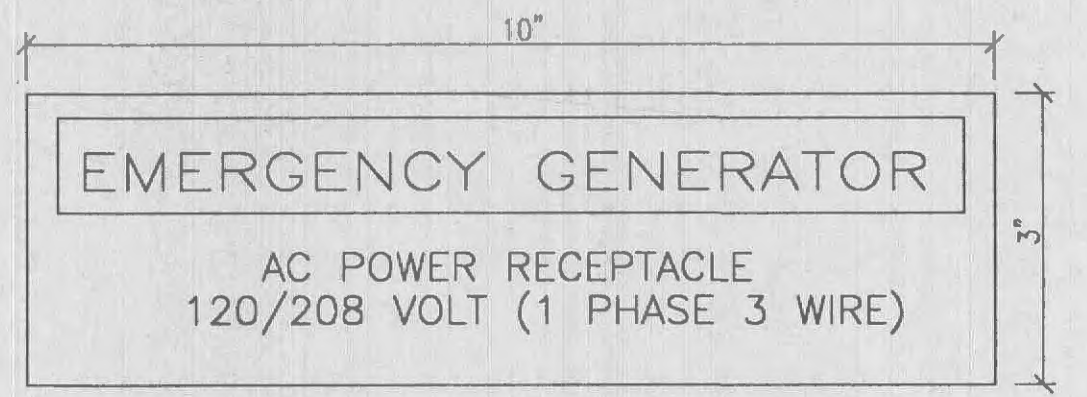
ELECTRICAL PLAN

Scale **AS NOTED**

Date	04-23-01	Comm No.	001998
In Charge	DCM		
Drawn By	FLC		
Checked By	888		

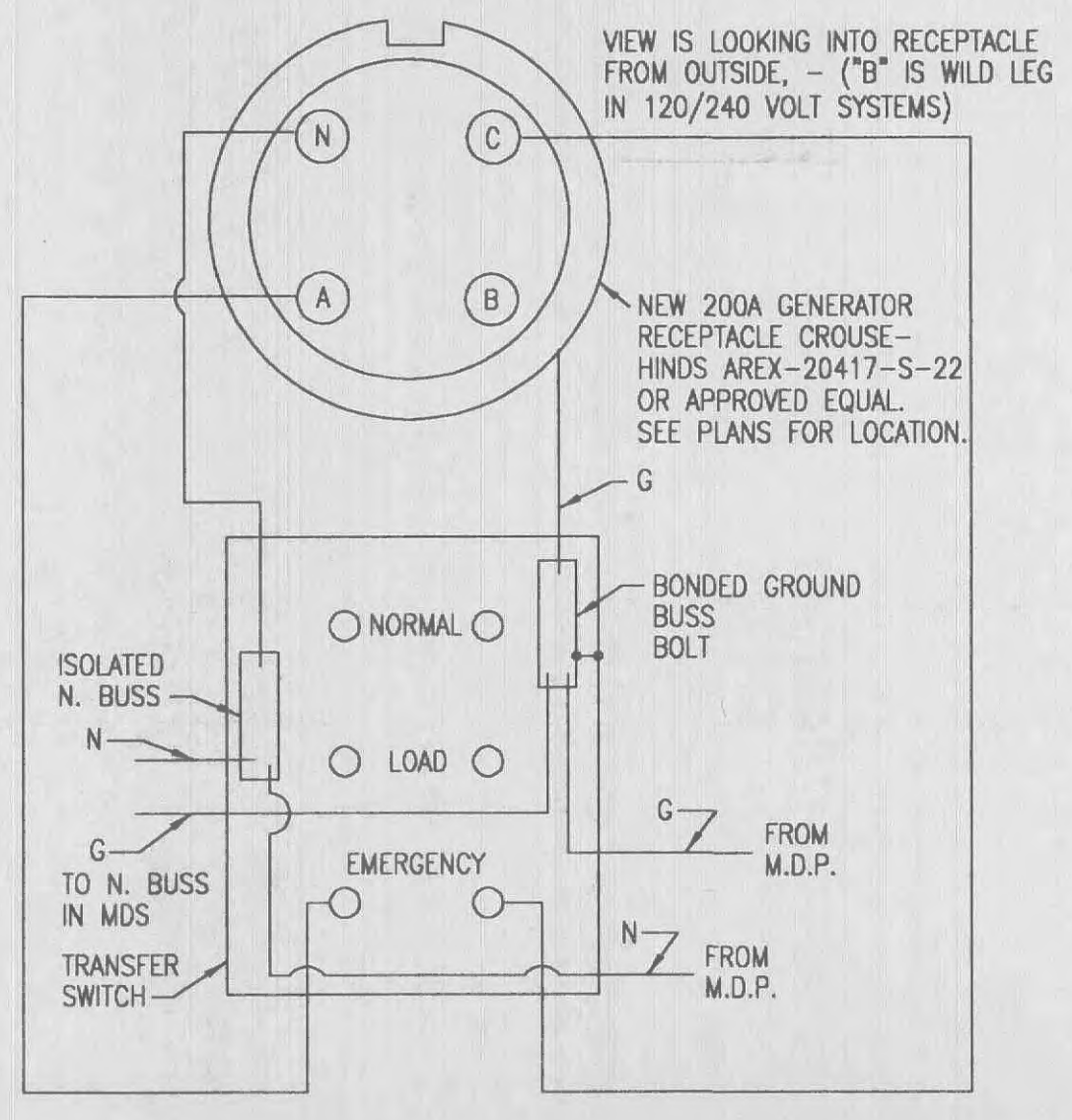
E1

PANEL BOARD 120/208 VOLTS, 200 AMPS, 1 PHASE, 3 WIRE						
CIR #	DESCRIPTION	CIR BRK	WATTS		CIR BRK	DESCRIPTION
			A	B		
1	HAC-1	40	1920	1920	40	HAC-2
3			1920	1920		
5	SPARE	20	1920			BLANK
7	CHARGER # 1	60	2880	2880	60	CHARGER # 2
9			2880	2880		
11	FUTURE CHARGER # 3	60	2880	1920	20	OUTLETS
13			1920	2880	20	LIGHTS
15	OUTLETS	20	1920	1920	20	FIRE PANEL
17				1920	40	FUTURE HVAC # 3
19				1920		
21						
23						
25						
27						
29						
31						
33						
35						
37						
39						
41						
			20,160 + 18,240 = 38,400 WATTS /208 =			
			TOTAL CONNECTED LOAD=		184.61 AMPS	

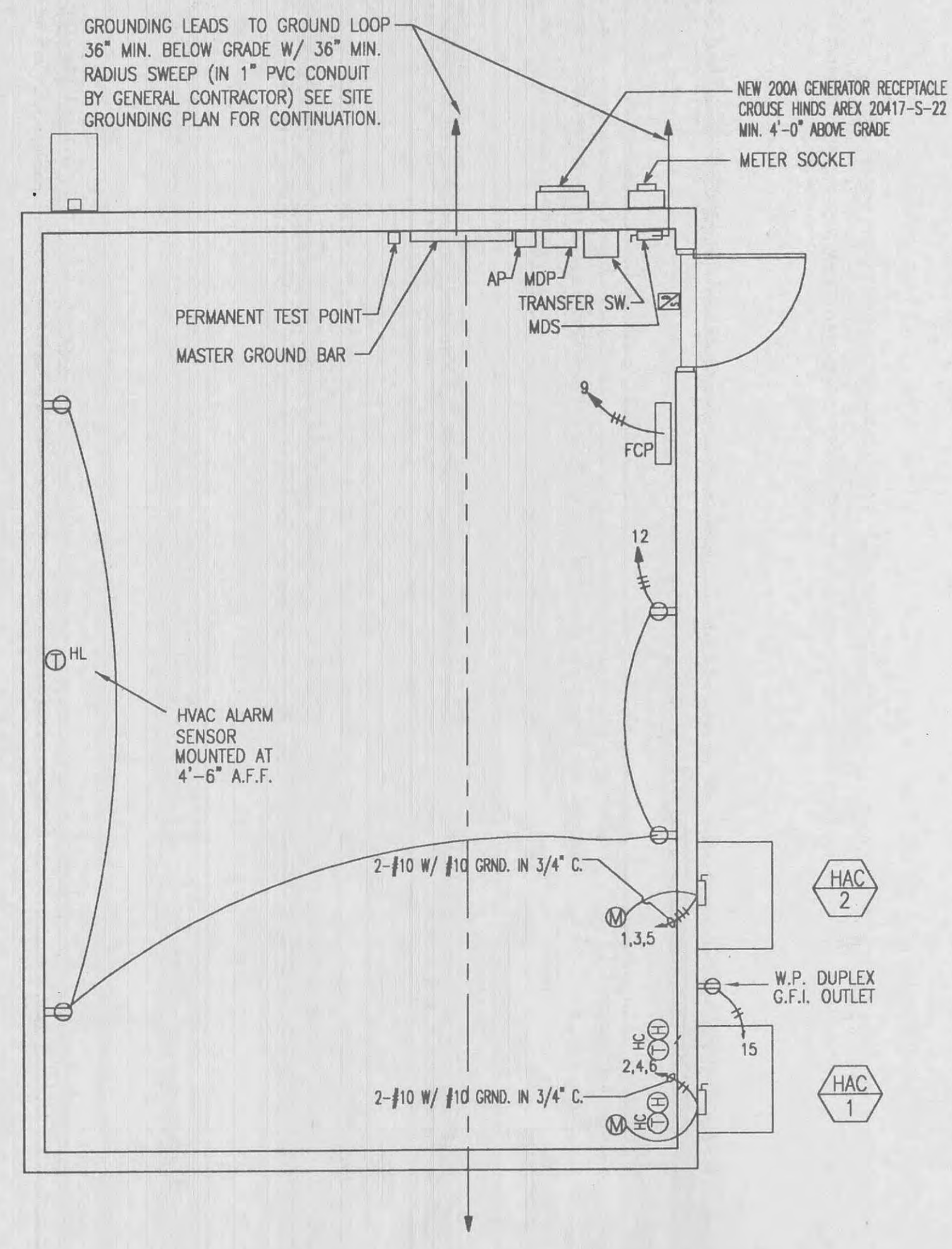


TAG SHALL BE ENGRAVED BAKELITE (RED ON WHITE) OR EQUAL, MOUNT ABOVE GENERATOR RECEPTACLE WITH STANDOFFS AND MACHINE SCREWS

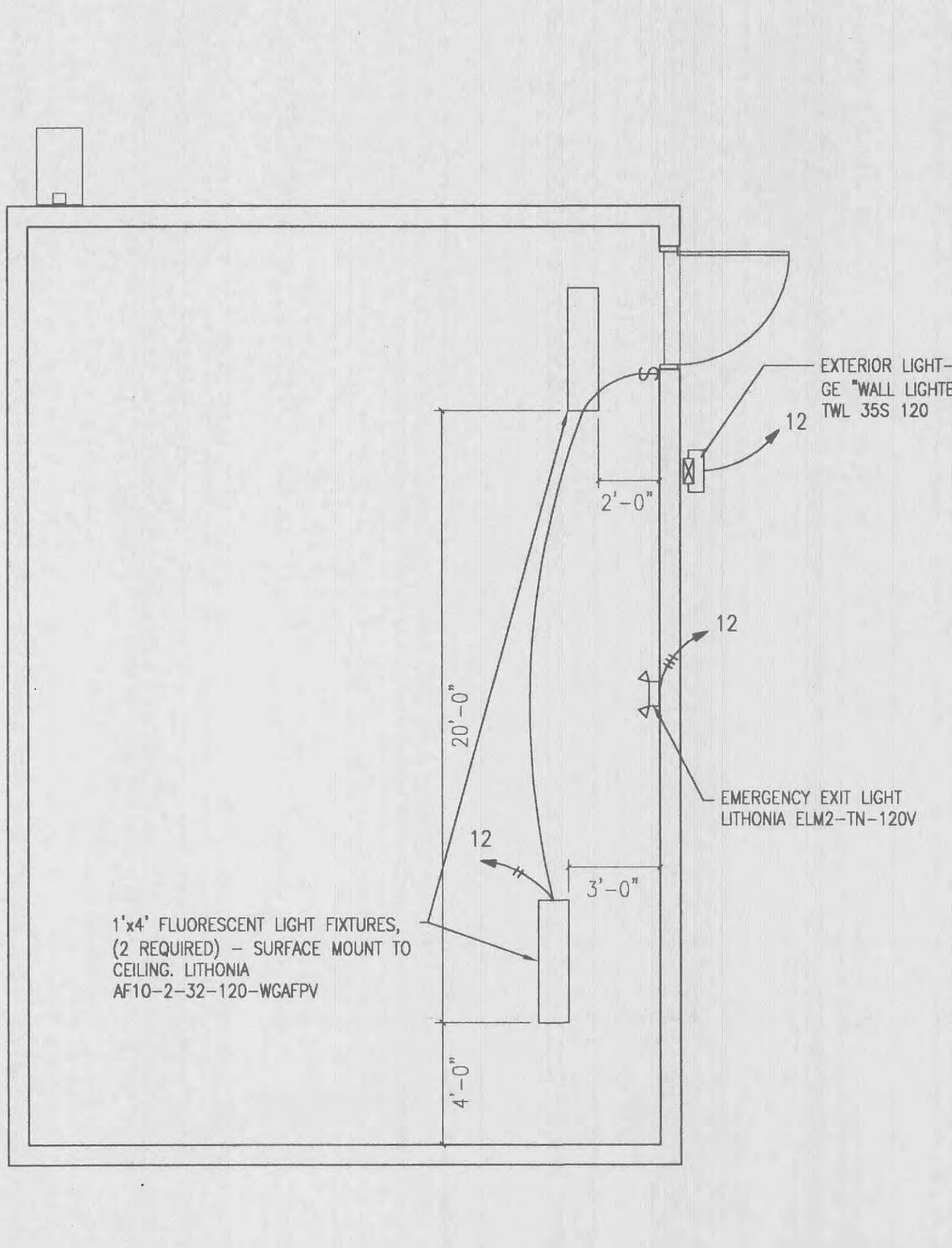
ELECTRICAL TAG DETAIL
 NTS



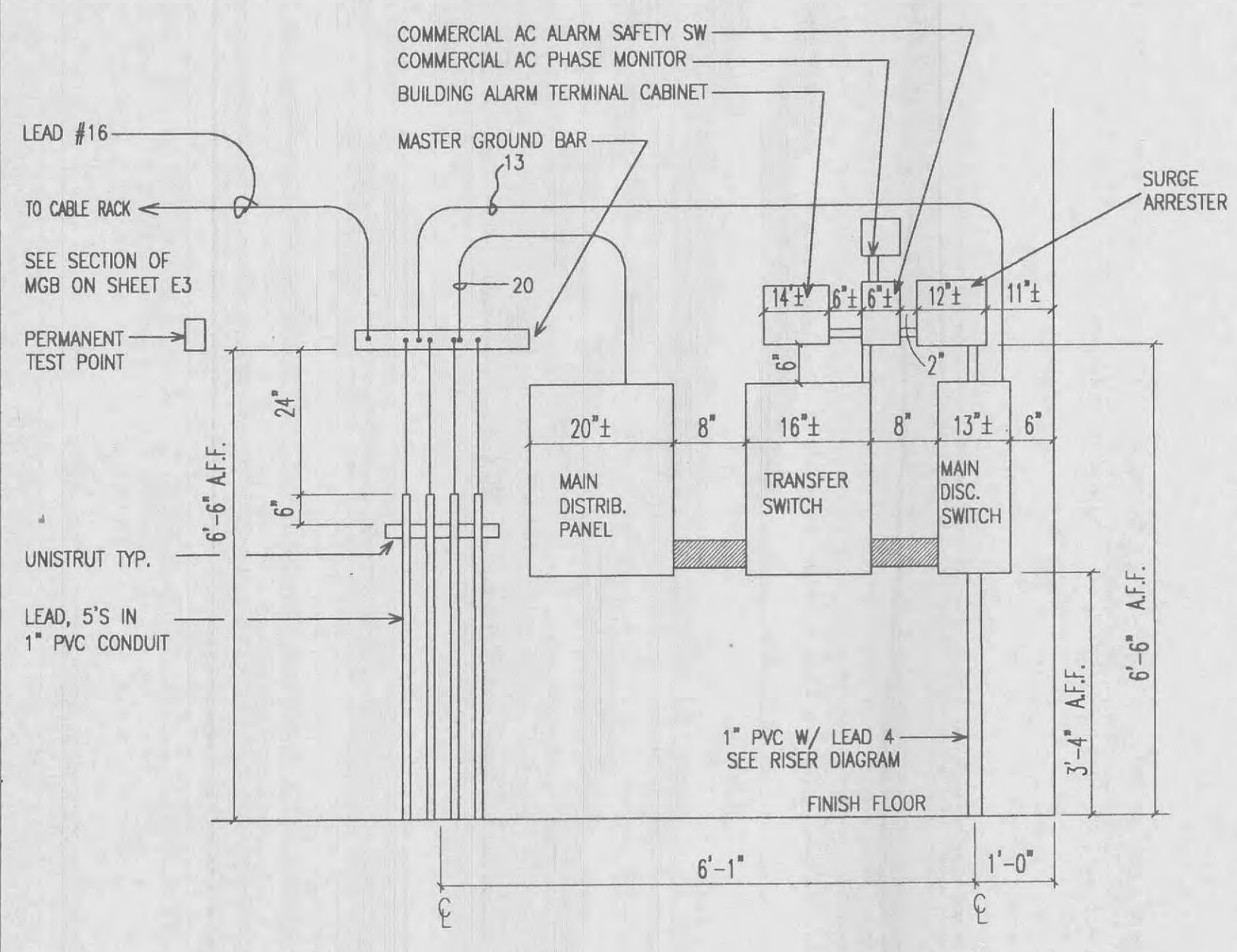
D EMER. GEN. RECP. WIRING DTL.
 NTS



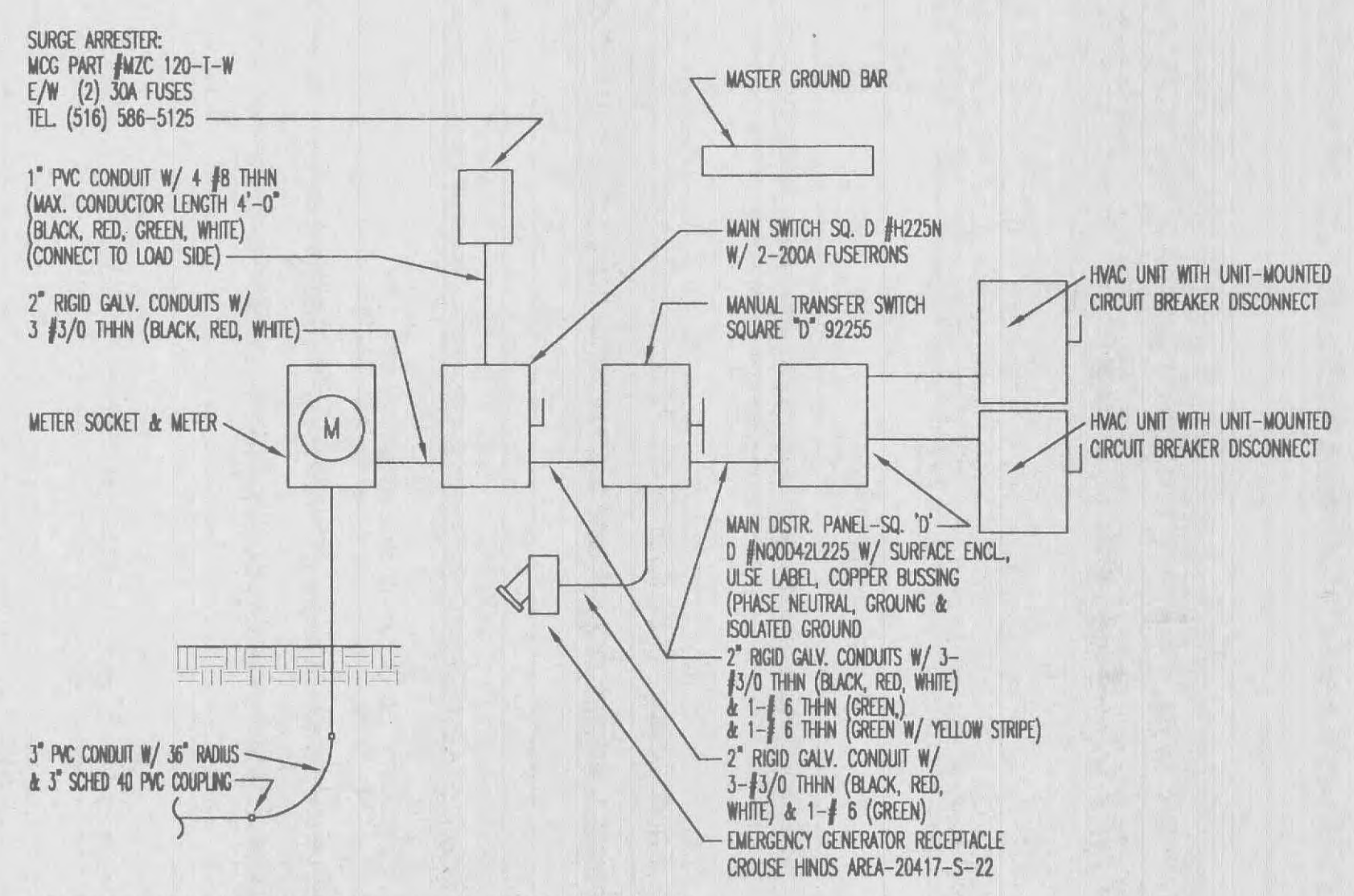
A POWER PLAN
 1/4" = 1'-0"
 NOTE: NO HORIZONTAL CONDUIT SHALL BE RUN BETWEEN ELEVATIONS 108.0' & 109.0'



B LIGHTING PLAN
 1/4" = 1'-0"



E ELECTRICAL PANEL ELEVATION
 N.T.S. NOTE: OBSERVE MIN. BEND REQUIREMENT (SEE GROUNDING PLAN)



F ELECTRIC RISER DIAGRAM
 NTS
 NOTE: THE TRENCH BOTTOM SHALL BE UNDISTURBED, FIRM & UNIFORM FOR ENTIRE LENGTH OF TRENCH IF NOT ACCEPTABLE, OVER-EXCAVATE 6" AND COMPACT W/ SAND, LIMESTONE SCREENINGS OR CONC.