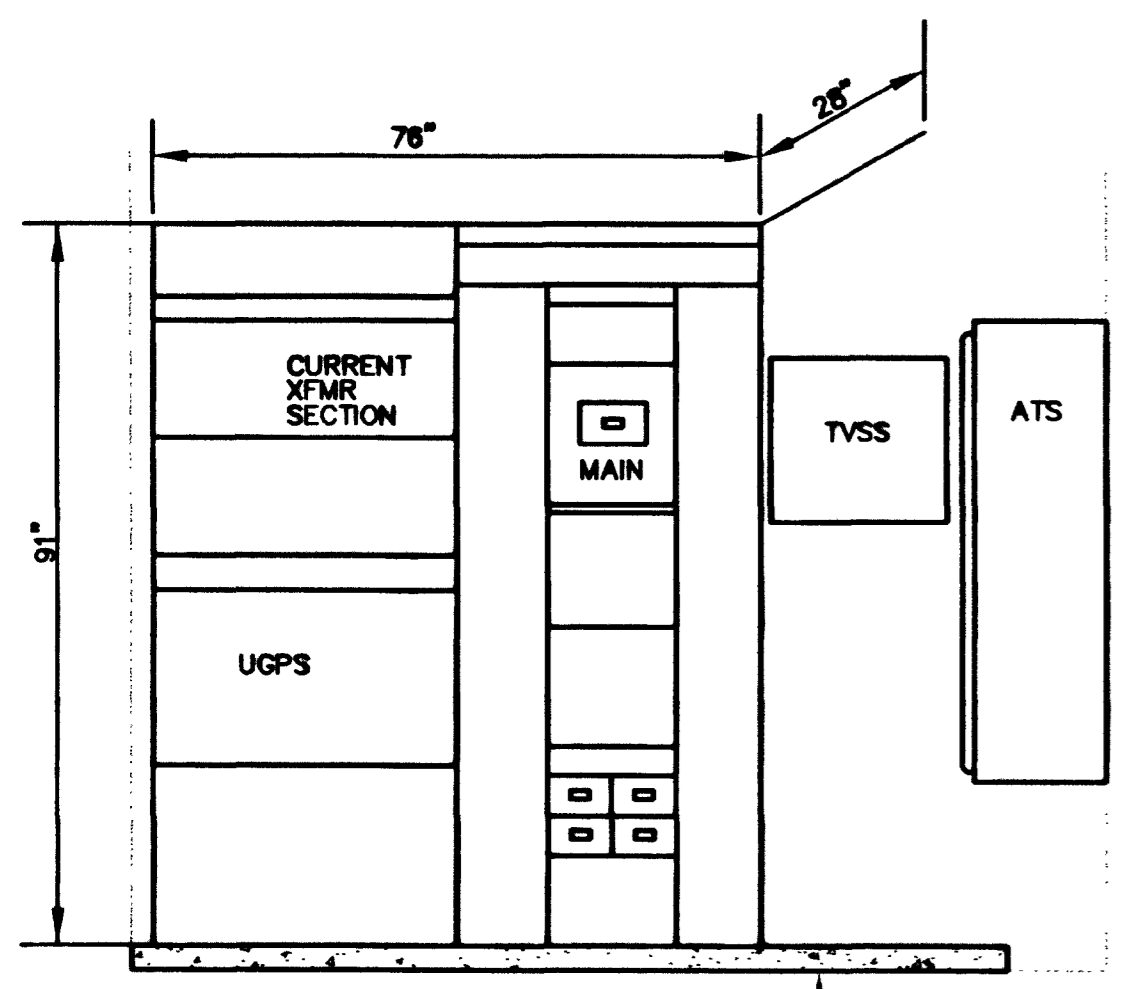


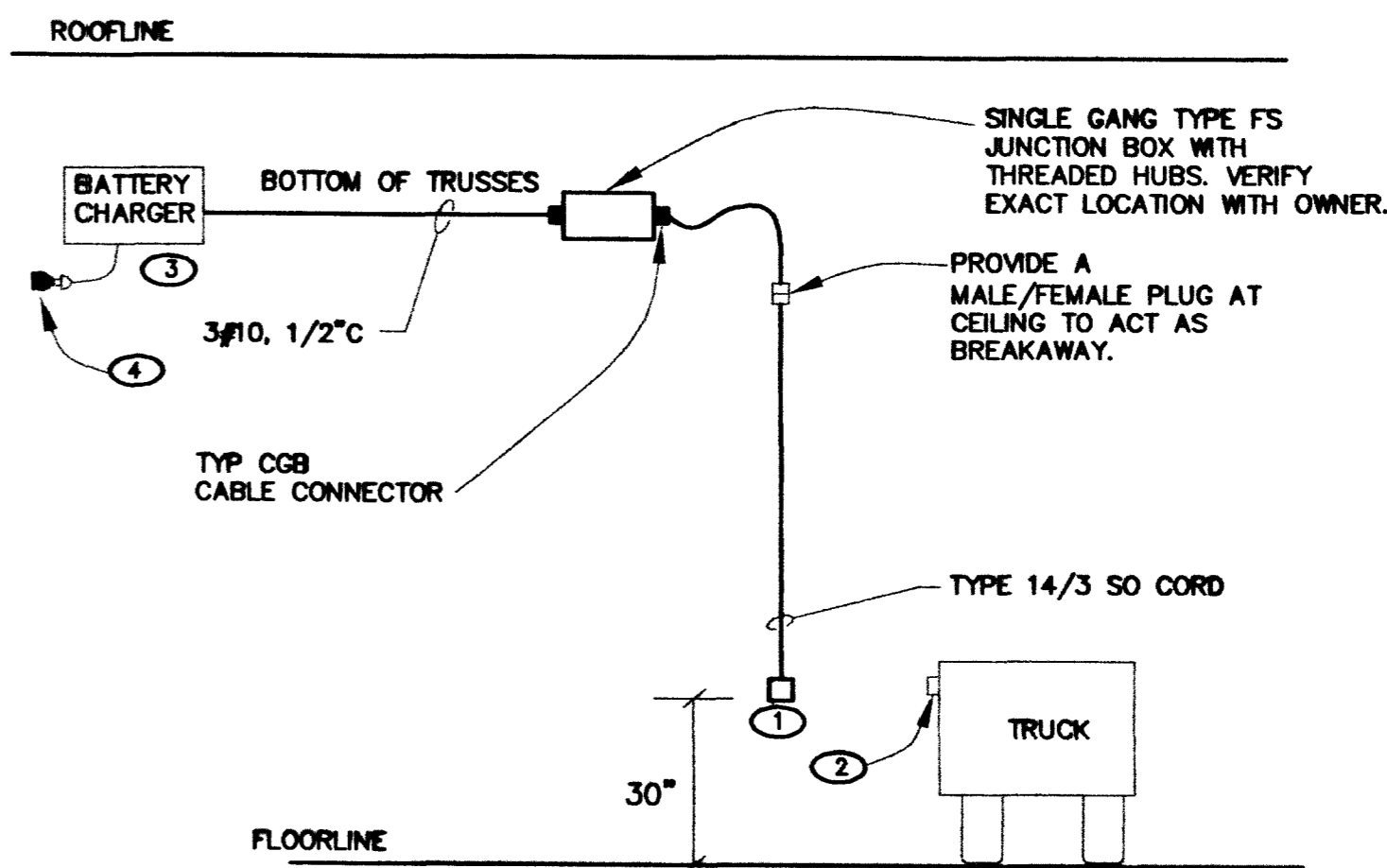
ELECTRICAL SERVICE NOTES



- 1 ALL CIRCUIT BREAKERS SHALL BE MOLDED CASE THERMAL MAGNETIC AND RATED FOR AVAILABLE SHORT CIRCUIT CURRENT.
- 2 GROUNDING AND GROUND CONTINUITY PER N.E.C. 250.
- 3 NO HALF-SIZE CIRCUIT BREAKERS SHALL BE USED.
- 4 ALL CIRCUITS SHALL BE CLEARLY IDENTIFIED AND MARKED ON PANELBOARD CIRCUIT I.D. TAG.
- 5 ALL EQUIPMENT SHALL BE FULLY BUSSED AND BRACED FOR THE INTERRUPTING CURRENT PER POWER COMPANY REQUIREMENTS.
- 6 ALL EQUIPMENT SHALL BE U.L. LISTED AND INSTALLED AS PER LISTING AND LABELING.
- 7 CIRCUIT BREAKERS USED AS SWITCHES SHALL BE LISTED FOR SWITCHING DUTY AND MARKED "SWD" PER N.E.C. 240-83(d).
- 8 CONTRACTOR TO SUBMIT ACTUAL SWITCHBOARD DIMENSIONS TO ENGINEER PRIOR TO INSTALLATION OF CONDUIT STUB UP. CONTRACTOR TO MAKE SURE THAT EQUIPMENT WILL PHYSICALLY FIT THE ALLOTTED SPACE PRIOR TO PURCHASE.
- 9 CONDUIT TO PANELS SHALL RUN UNDER GROUND.

PROVIDE 4" HOUSEKEEPING CONCRETE PAD (ACTUAL SIZE TO BE DETERMINED BY SIZE OF SWITCHBOARD PURCHASE)

THIS ELEVATION IS BASED ON SIEMENS SWITCHBOARD. ACTUAL SIZE MAY VARY IF OTHER MANUFACTURER IS USED. CONTRACTOR TO VERIFY THAT SWITCHBOARD PROVIDED WILL FIT IN SPACE PRIOR TO PURCHASE AND INSTALLATION. (CONTACT JAMES BRENNEMAN @ (702) 367-0400)



- NOTES:**
- 1 FEMALE PLUG-LEVITON 15A-250V GRD NEMA 6-15R. WIRED FOR 12VOLT ON TWO PRONGS AND GROUND
 - 2 TRUCK MOUNTED REVERSE SERVICE (15A-12VOLT) WITH AUTO EJECT CAPABILITY (BY OWNER)
 - 3 ELECTRICAL CONTRACTOR TO PROVIDE 10/2 AMP CHARGER FOR 55AMPS STARTER (SOLAR MODEL# 1060-6/12V). PROVIDE A 12" x 12" x 3/4" MELAMINE WALL SHELF AND SUPPORT AT 84" FOR BATTERY CHARGER (TYP 3 PLACES)
 - 4 DUPLEX RECEPTACLE MTD AT +84"

1 SWITCHGEAR SECTION & NOTES

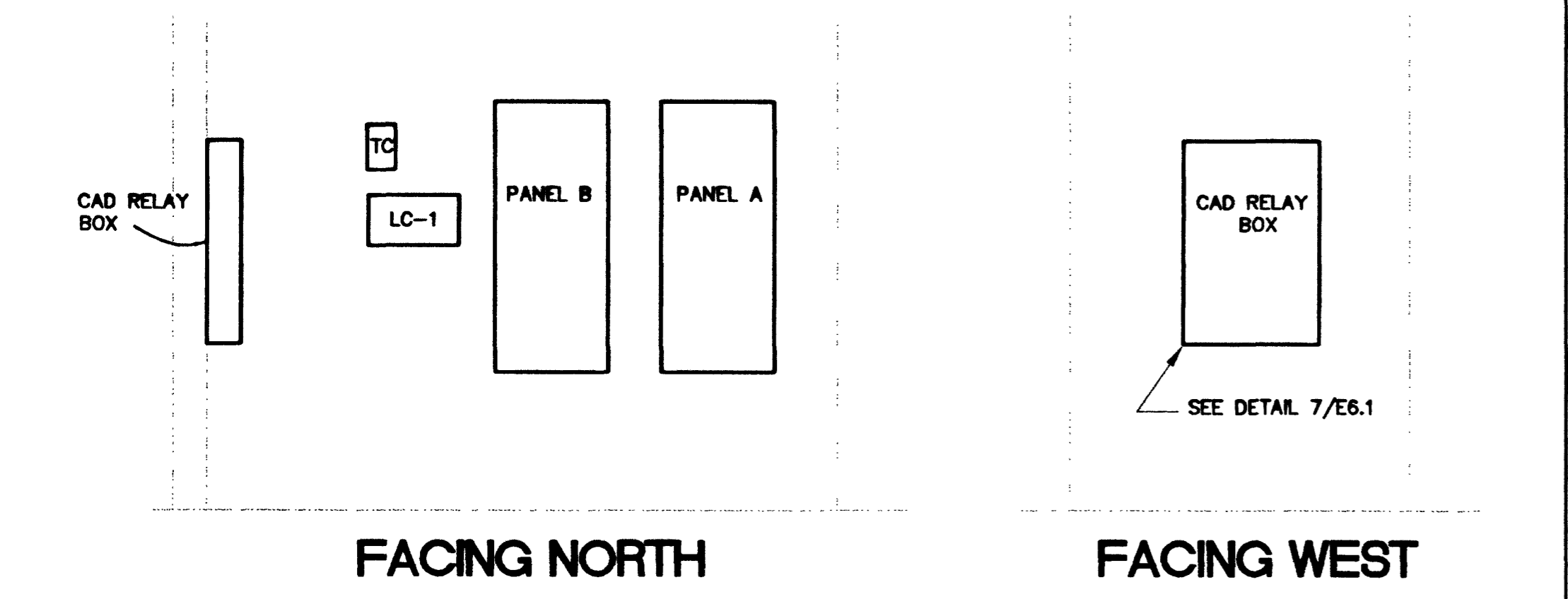
E6.1 SCALE: 1/2"=1'-0"

4 NOT USED

E6.1 NOT TO SCALE

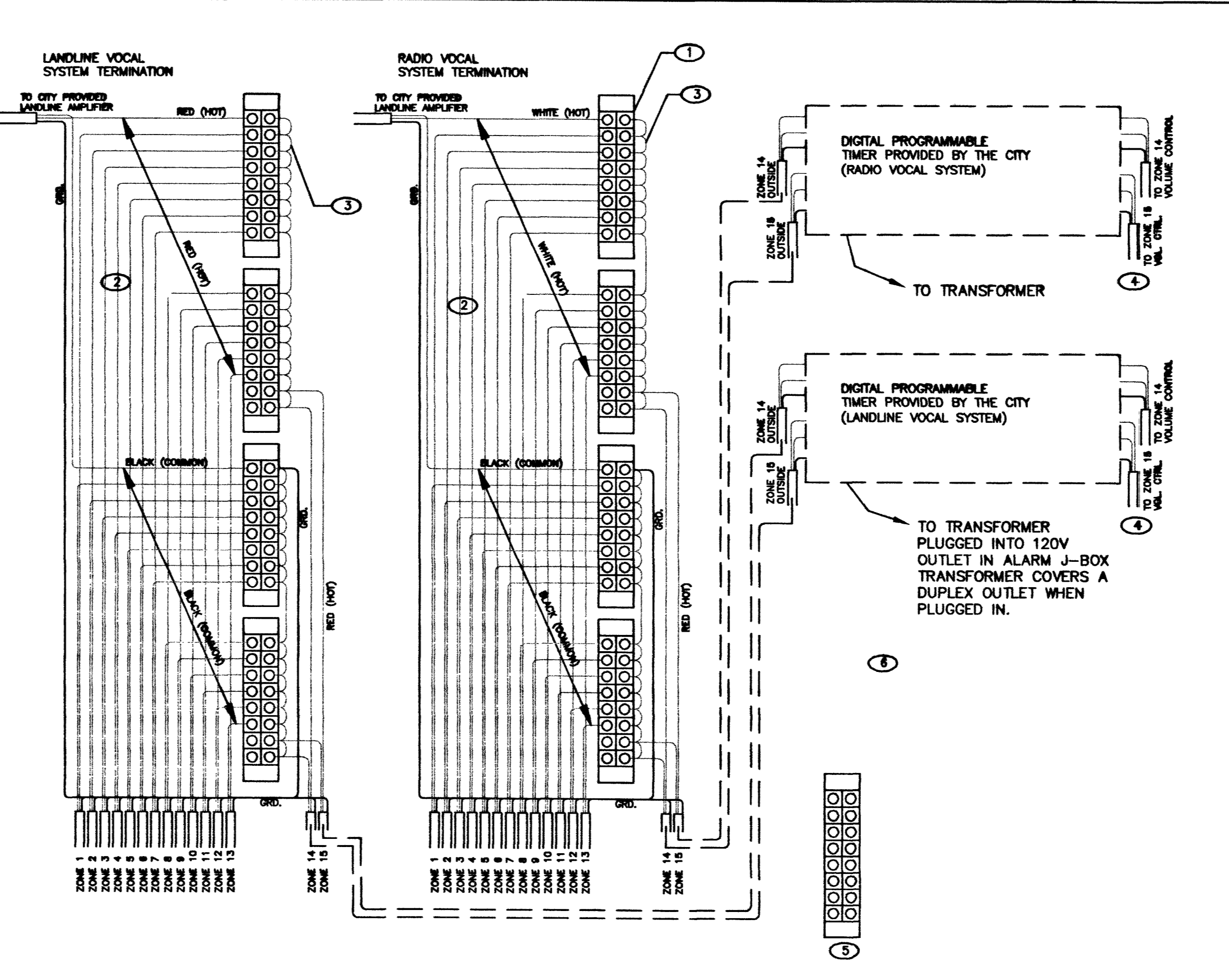
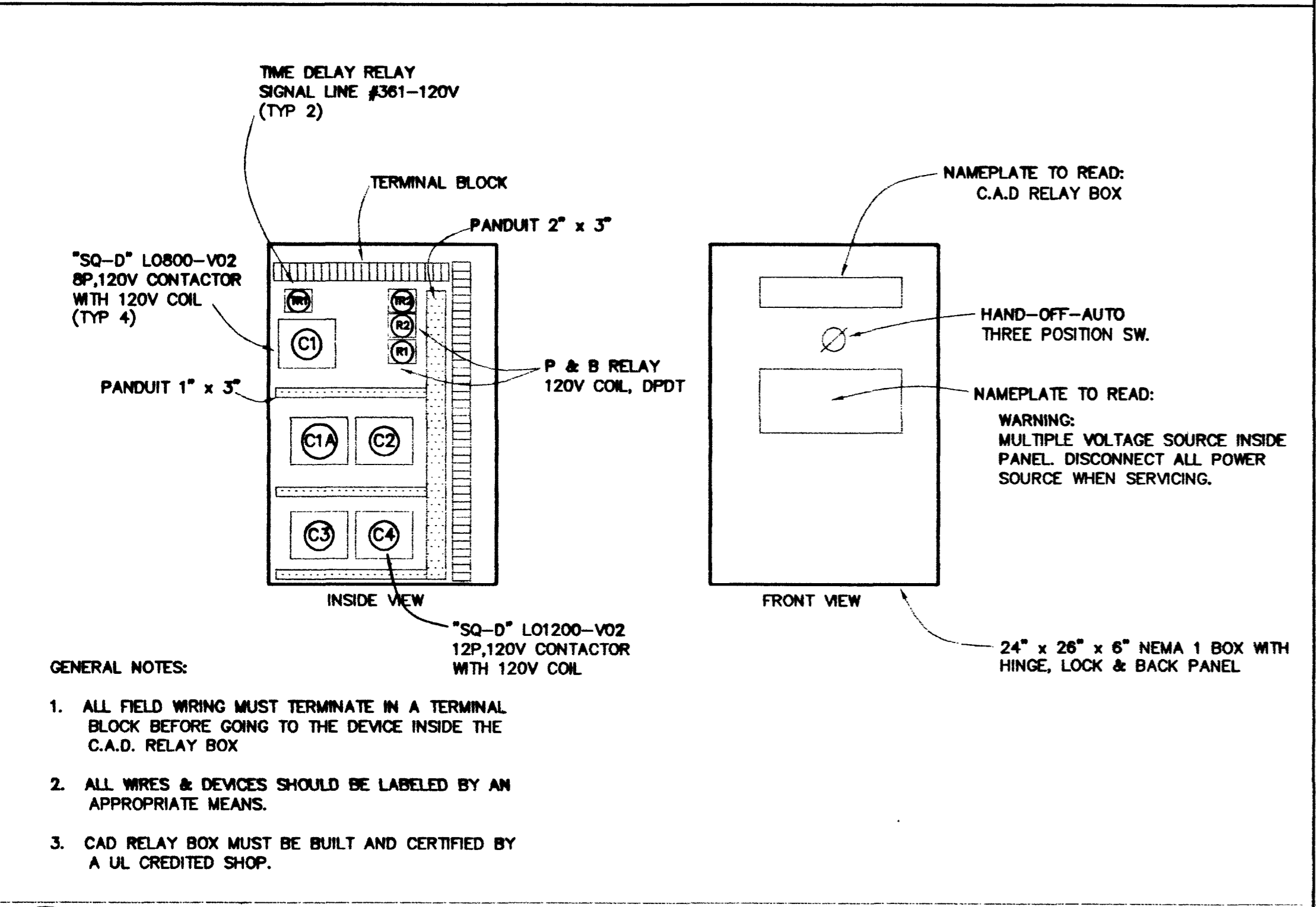
5 BATTERY CHARGER DETAIL

E6.1 NOT TO SCALE



2 ELECT ROOM SECTIONS

E6.1 SCALE: 1/2"=1'-0"



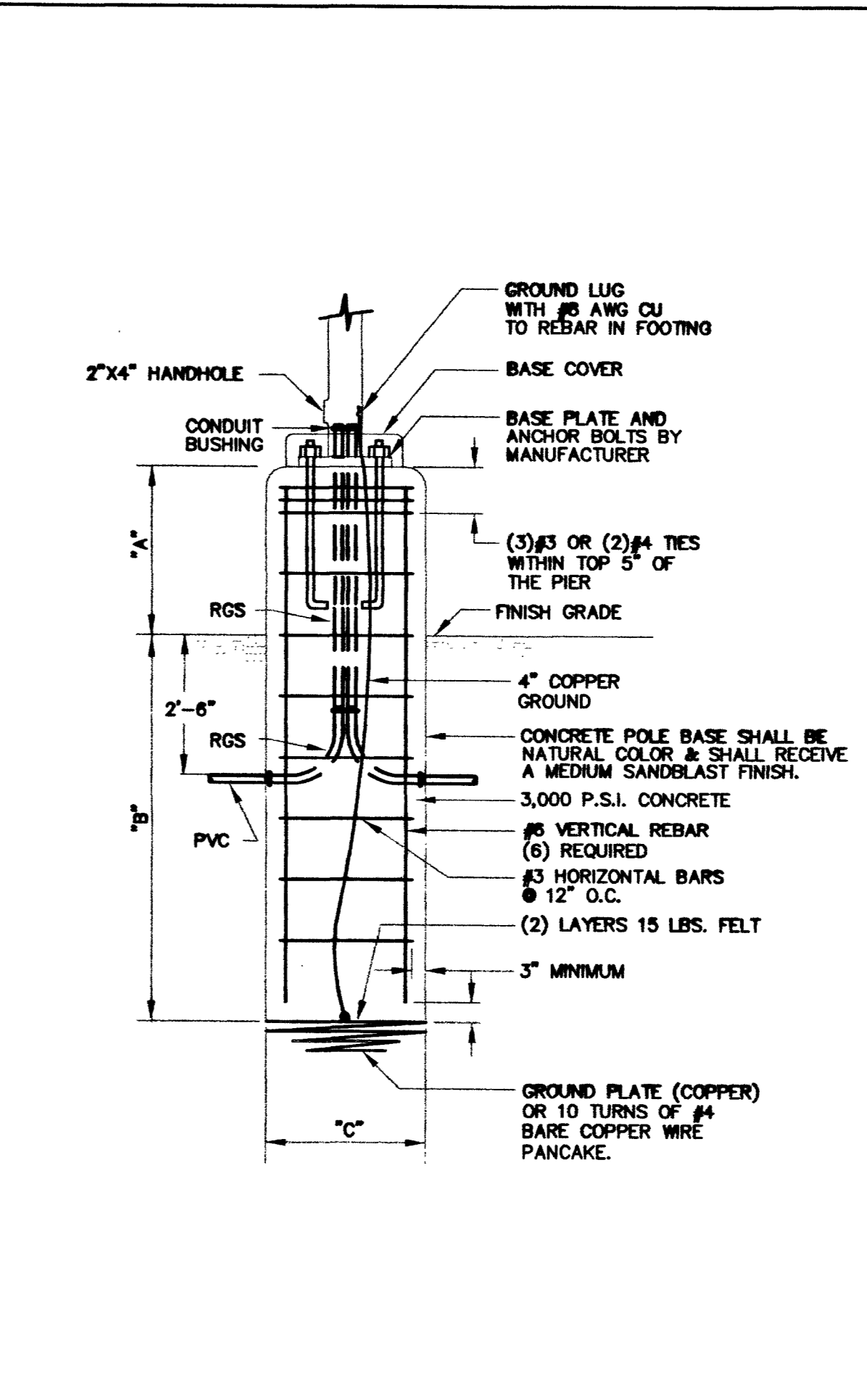
ALARM J-BOX (24"x24"x4") CONTROL WIRING

KEYNOTES

- 1 TERMINAL STRIPS (TYPICAL)
- 2 INSIDE SPEAKER - WIRE FROM VOLUME CONTROL ZONES TERMINATED ON TERMINAL STRIPS
- 3 ELECTRICAL WIRING LOOP TYPICAL
- 4 OUTSIDE SPEAKER - WIRE FROM VOLUME CONTROL ZONES TERMINATED ON DIGITAL TIMER COIL 60" OF WIRE FOR CITY TERMINATION.
- 5 TERMINAL STRIP FOR FUTURE WIRING
- 6 SPACE FOR FUTURE SYSTEM COMPONENTS

3 ALARM J BOX (24" x 24" x4") CONTROL WIRING

E6.1 NTS



POLE BASE DIMENSION SCHEDULE

POLE HEIGHT	FOUNDATION DEPTH ABOVE FINISH GRADE NOMENCLATURE "A"	FOUNDATION DEPTH BELOW FINISH GRADE NOMENCLATURE "B"	FOUNDATION DIAMETER NOMENCLATURE "C"
20'-0"	30"	4'-6"	2'-0"

6 POLE BASE DETAIL & SCHEDULE

E6.1 SCALE: N.T.S.

7 CAD RELAY BOX DETAIL

E6.1 SCALE: 1"=12" 57322

CITY OF LAS VEGAS, NEVADA

DESIGN ENGINEERING CONSULTANT

DEC INC.

2800 S. RANCHO RD.
LAS VEGAS, NEVADA 89108
(702) 971-6164

CITY OF LAS VEGAS, NEVADA

FIRE STATION #44

DETAILS

DESIGN: AOA

DATE: 4/26/97

PROJECT: AS SHOWN

NO: 630.97

REV: 100 OF 106

E6.1