

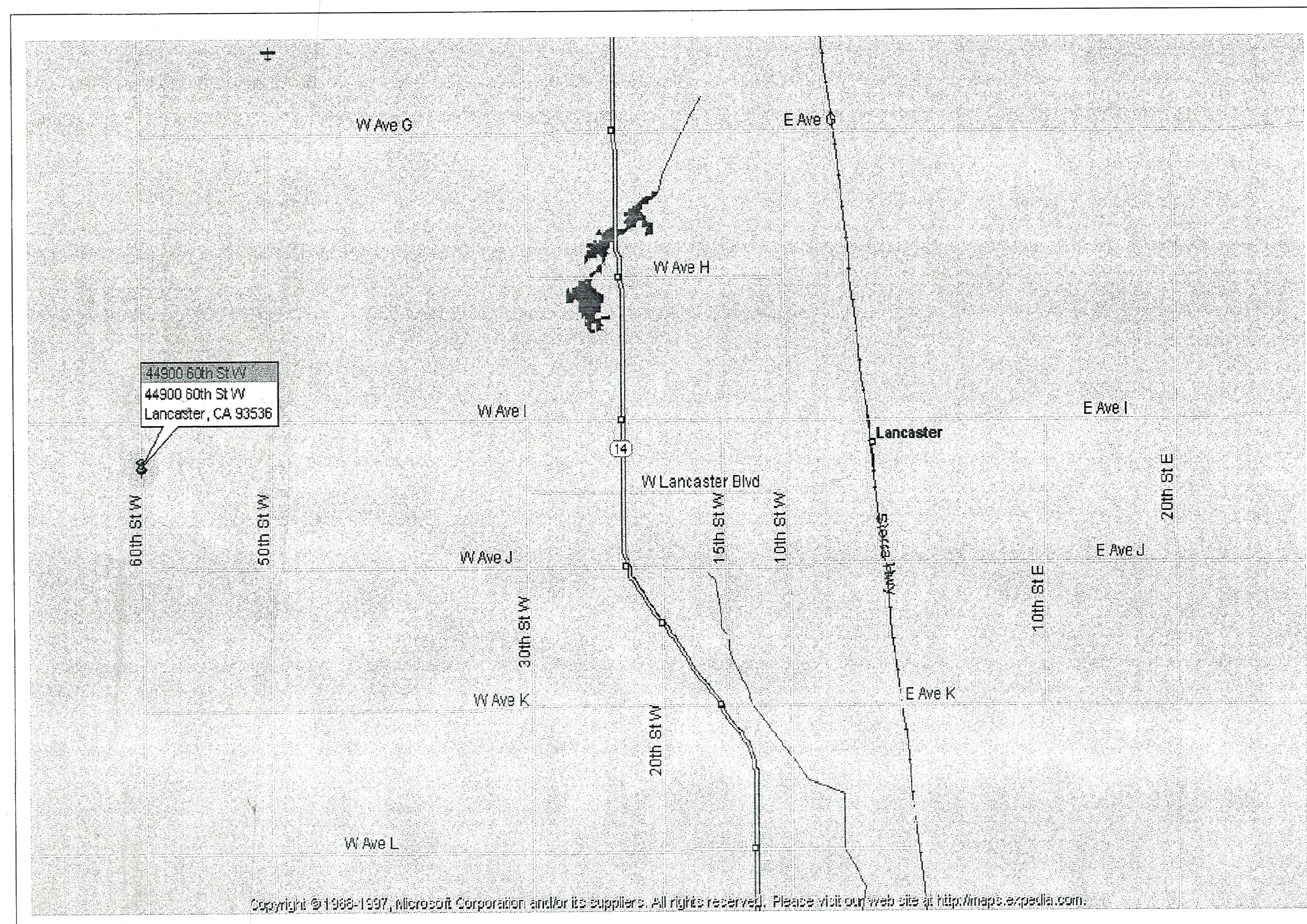
Attachment K

FIRE ALARM AND SAFETY PLANS

FOR

HIGH DESERT HOSPITAL

44900 NORTH 60th ST. WEST
LANCASTER, CA. 93536



VICINITY MAP

DRAWING INDEX

DWG #	DESCRIPTION
FA-T1	COVER SHEET
FA-T2	SYMBOL LEGEND & NOTES
FA-T3	BATTERY CALCULATION (FIRE ALARM SYSTEM)
FA-T4	DETAILS
FA-T5	DETAILS
FA-T6	DETAILS
FA-R1	RISER DIAGRAM (FIRE ALARM SYSTEM)
FA-R2	RISER DIAGRAM (BUILDINGS B,C,D)
FA-A1	LEVEL 1 SECTION "A" (ADDRESSABLE LOOP-DATA)
FA-B1	LEVEL 1 SECTION "B" (ADDRESSABLE LOOP-DATA)
FA-C1	LEVEL 1 SECTION "C" (ADDRESSABLE LOOP-DATA)
FA-D1	LEVEL 1 SECTION "D" (ADDRESSABLE LOOP-DATA)
FA-A1	LEVEL 1 SECTION "A" (NOTIFICATION)
FA-B1	LEVEL 1 SECTION "B" (NOTIFICATION)
FA-C1	LEVEL 1 SECTION "C" (NOTIFICATION)
FA-D1	LEVEL 1 SECTION "D" (NOTIFICATION)
FA-B,D,C	LEVEL 1 SECTION (BUILDINGS B,C,D)
FA-PH	PENTHOUSE
FA-R	ROOF
FA-PP	SITE PLAN
E1.01	ONE LINE DIAGRAM (ELECTRICAL RISER)

APPROVED

NOV 27 2001

OFFICE OF STATEWIDE HEALTH
PLANNING & DEVELOPMENT
DIV. OF FACIL. DEVELOPMENT
LOS ANGELES, CA 90012

APPROVAL WITH COMMENT:
SHEET E1.01 REQUIRES SIGN
BY THE ENGINEER IN RESPONSIBLE
CHARGE OF PROJECT.



OSHPD # SL-010322-19A

REVISION	DATE	DRAWN	DOKHI
OSHPD CORRECTION	11/20/01		
OSHPD CORRECTION	08/09/01		
OSHPD CORRECTION	07/11/01		
FIELD CORRECTION	01/23/01		
FIELD CORRECTION	10-05-00		
FIRST RELEASE	09-10-00		

PROJECT
HIGH DESERT HOSPITAL
44900 N. 60th ST. WEST
Lancaster CA, 93536

FA-T1
COVER
SHEET

CAD: SERVER/PROFILES 2000/
HIGH DESERT HOSPITAL.DWG
FILE: FA-T1.DWG

- 

- 

ANSUL SYSTEM IS EXISTING.

FROM TITLE 24, STATE BUILDING STANDARDS CODE:



SEQUENCE OF OPERATION

DEVICE	ACTION	ANNUNCIATE AT FIRE CONTROL RM. (ALARM & TROUBLE)	ANNUNCIATE AT 24 HR ATTENDED REMOTE LOCATION (ALARM & TROUBLE)	ACTIVATE MOBILE ALARM SIGNAL THRU-OUT BLDG.	RELEASE ALL ELECTRO. MAGNETICALLY THRU-OUTS IN TO ROOMS	INITIAL ALARM ELEVATORS SERVING FIRE FLOOR	ACTIVATE PT. ROOMS CORRIDOR LIGHT	ACTIVATE N.S. AUDIBLE ALARM SIGNAL	RELEASE ELECTRO MAGNETIC DOORS AT SMOKE AREA ACC. SEP. HORIZONTAL EXITS WALLS
MANUAL PULL STATION		●		●					●
ELEVATOR LOBBY SMOKE DETECTOR		●	●	●		●			●
AREA SMOKE OR HEAT DETECTOR		●	●	●					●
PT. ROOM SMOKE DETECTORS		●	●	●	●		●	●	
SPRINKLER WATER FLOW SWITCH		●	●						●
SPRINKLER TAMPER SWITCH		●	●						
SPECIAL EXTINGUISHING SWITCH SYSTEM (ANSUL)		●	●	●					
BUILDING POWER FAILURE		●	●						



NOTES:
CONSULT ALL EQUIPMENT SPECIFICATION BEFORE INSTALLATION
FIELD VERIFY ALL DEVICE PLACEMENTS
COORDINATE WITH OTHER TRADES WHERE REQUIRED

5mmmm

LICENSED FIRE PROTECTION COMPANY
DETECTION LOGIC FIRE PROTECTION INC.
Classification
C-16,10
LICENSE NO.
713090
LOS ANGELES
STATE OF CALIFORNIA

OFF
PL
DIV

OFFICE OF STATEWIDE HEALTH
PLANNING & DEVELOPMENT
DIV. OF FACIL. DEVELOPMENT
LOS ANGELES, CA 90012

REVISION	DATE
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REVISION _____ DATE _____

5 OSHPD CORRECTION 11/20/01

△ OSHRD CORRECTION 08/09/01

△	OSHPD CORRECTION	05/05/01
△	OSHPD CORRECTION	07/11/01

△	USING CORRECTION	07/11/01
△	FIELD CORRECTION	01/23/01

2	FIELD CORRECTION	01/25/01
1	FIELD CORRECTION	10-05-00

Δ FIELD CORRECTION	10-05-00
FIRST RELEASE	09-10-00

PROJECT: HIGH DESERT HOSPITAL
44900 N. 60th ST. WEST
Lancaster CA, 93536

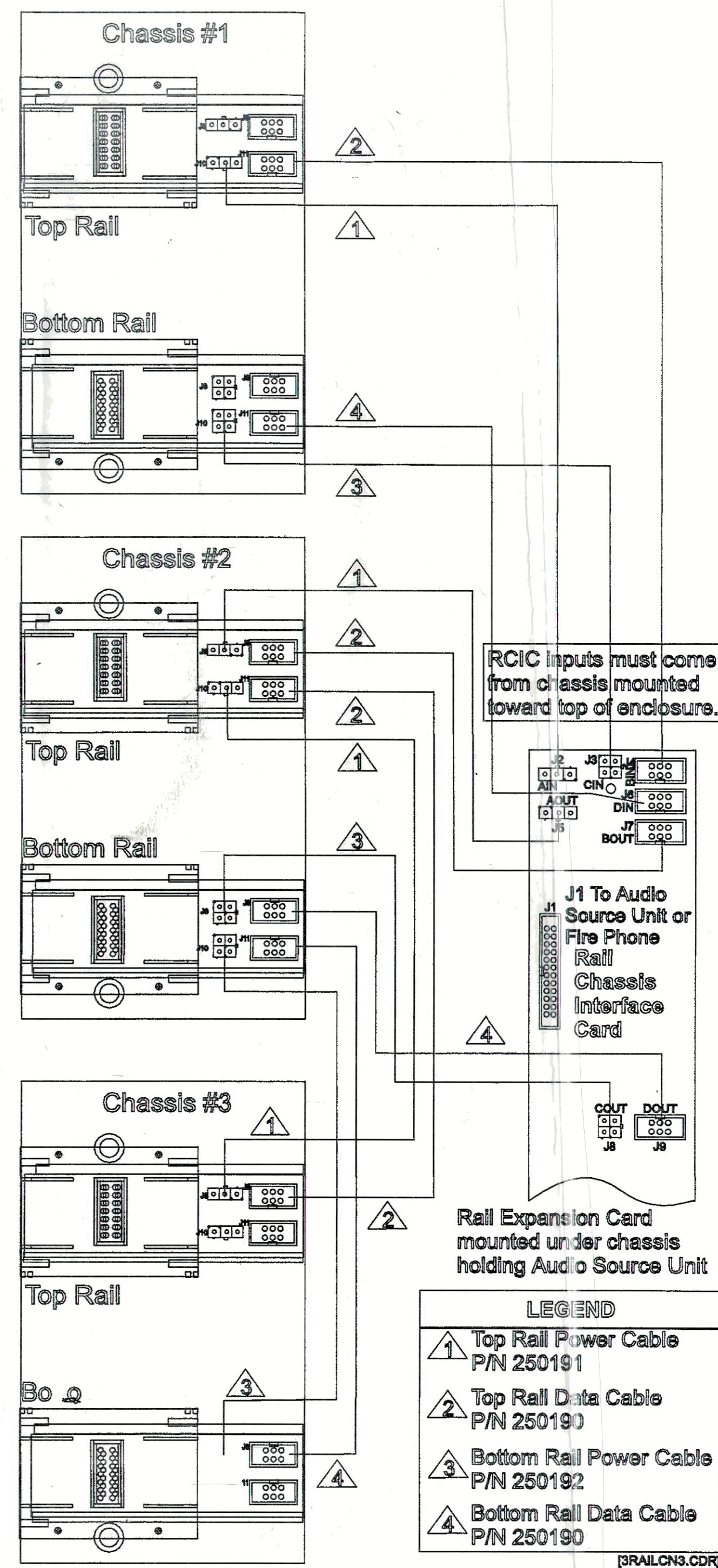
WORSE CASE FIRE ALARM PANEL BATTERY CALCULATION FIRE ALARM CONTROL PANEL #2 (RCC-21)									
Job:	HIGH DESERT	Date:	09/13/2000	By:	DETECTION LOGIC				
PANEL		STANDBY CURRENT	ALARM CURRENT						
1 3-CPU	Central Processor	0.1000	0.1200	0.1200	0.1200				
4 3-SSDC	Single SGA Driver Controller	0.2500	1.0000	0.3500	1.4000				
1 3-PPS-M	EST3 POWER SUPPLY								
2 3-BPS-M	EST3 POWER SUPPLY								
PANEL TOTALS		1.1000		1.5200					
DETECTION DEVICES (figure 20% of devices in alarm)									
216 SGA-PS	Analog Sensors	0.000045	0.00072	0.000045	0.00072				
10 SGA-270	Single Stage Pull Stations	0.000025	0.00025	0.000040	0.00040				
47 SGA-HRS	Heat Detectors	0.000045	0.00215	0.000045	0.00215				
3 SGA-CC1	Single Module	0.000223	0.00067	0.000200	0.00060				
9 SGA-CT1	Single Input Module	0.000250	0.002	0.000400	0.004				
11 SGA-CR	Control Relay Module	0.000100	0.00100	0.000100	0.001				
1 PAM-1	Control Relay	0.015000	0.01500	0.015000	0.015				
10 SGA-CT2	Dual Input Module	0.000250	0.00250	0.004000	0.04000				
DETECTION DEVICE TOTALS		0.00338		0.1143					
STAND-BY									
Controls stby		1.1000		1.5200					
Detection device stby		0.0338		0.1143					
STBY PER HR.		1.1338		1.634					
x No. of hrs		24		1.634					
TOTAL STBY		27.2		0.25					
ALARM									
Controls alarm				1.5200					
Detection alarm				0.1143					
Signal alarm				1.634					
SUBTOTAL ALARM				3.268					
15 minute alarm(x 0.25)				0.817					
TOTAL FOR ALARM				4.085					
Totals									
TOTAL STBY +		27.2		0.25					
TOTAL ALARM				4.085					
SUBTOTAL		27.62		4.335					
BATTERY SIZE 40 AH									

WORSE CASE FIRE ALARM PANEL BATTERY CALCULATION FIRE ALARM CONTROL PANEL #3 (RCC-21)						
Job:	HIGH DESERT	Date:	09/13/2000	By:	DETECTION LOGIC	
PANEL		STANDBY CURRENT	ALARM CURRENT			
1 3-CPU	Central Processor	0.1000	0.1200	0.1200	0.1200	
4 3-SSDC	Single SGA Driver Controller	0.2500	1.0000	0.3500	1.4000	
1 3-PPS-M	EST3 POWER SUPPLY					
2 3-BPS-M	EST3 POWER SUPPLY					
PANEL TOTALS		1.1000		1.5200		
DETECTION DEVICES (figure 20% of devices in alarm)						
179 SGA-PS	Analog Sensors	0.000045	0.00068	0.000045	0.00068	
12 SGA-270	Single Stage Pull Stations	0.000025	0.00030	0.000040	0.00048	
47 SGA-HRS	Heat Detectors	0.000045	0.00222	0.000045	0.00222	
3 SGA-CC1	Single Module	0.000223	0.00068	0.000200	0.00060	
15 SGA-CT1	Single Input Module	0.000250	0.00375	0.000400	0.0060	
11 SGA-CR	Control Relay Module	0.000100	0.00110	0.000100	0.0011	
1 PAM-1	Control Relay	0.015000	0.01500	0.015000	0.0150	
13 SGA-CT2	Dual Input Module	0.000250	0.00325	0.004000	0.052	
DETECTION DEVICE TOTALS		0.00343		0.1174		
STAND-BY						
Controls stby		1.1000		1.5200		
Detection device stby		0.0343		0.1174		
STBY PER HR.		1.1343		1.637		
x No. of hrs		24		1.637		
TOTAL STBY		27.2		0.25		
ALARM						
Controls alarm				1.5200		
Detection alarm				0.1174		
Signal alarm				1.637		
SUBTOTAL ALARM				3.271		
15 minute alarm(x 0.25)				0.818		
TOTAL FOR ALARM				4.089		
Totals						
TOTAL STBY +		27.2		0.25		
TOTAL ALARM				4.089		
SUBTOTAL		27.62		4.339		
BATTERY SIZE 40 AH						

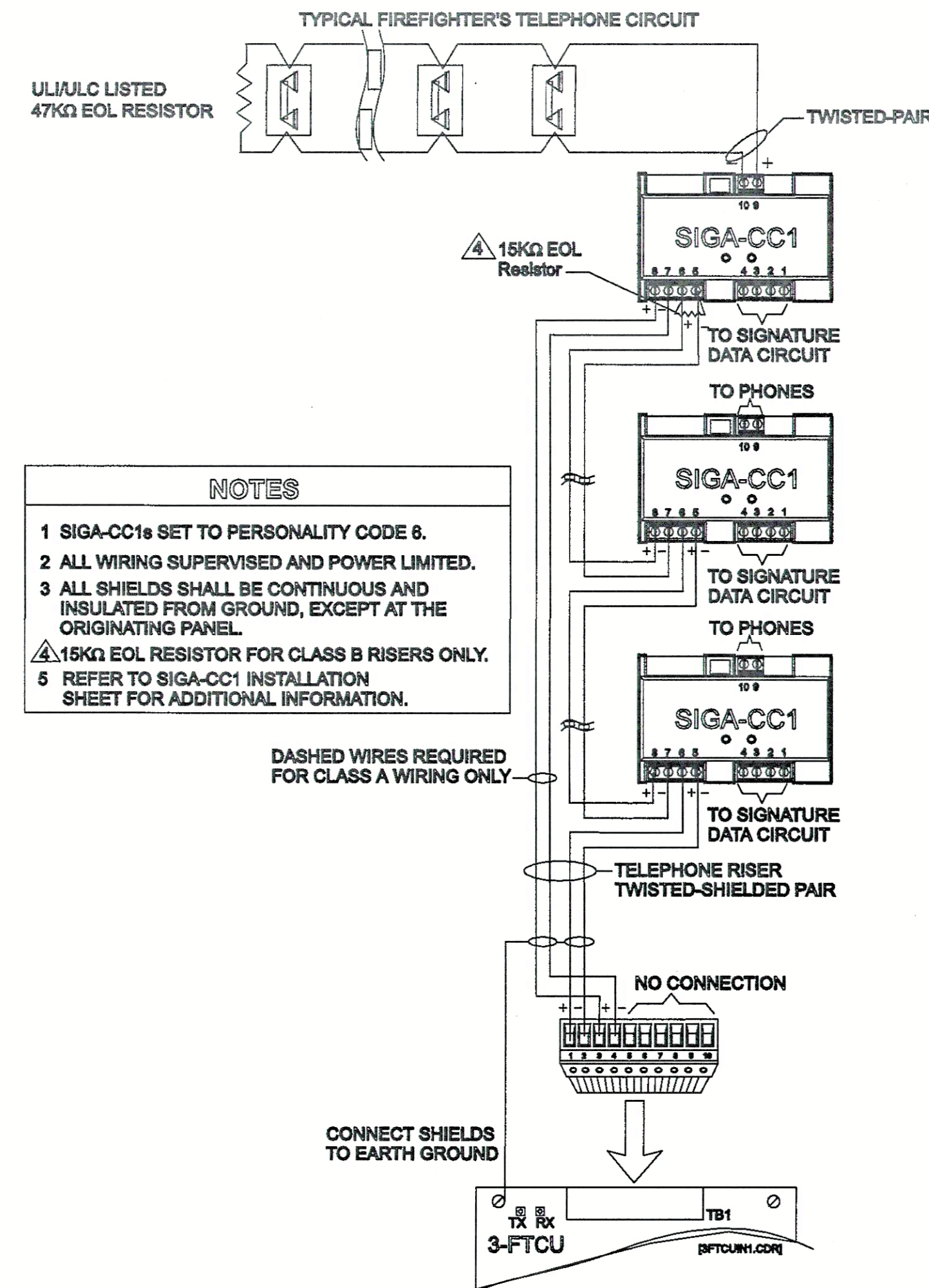
WORSE CASE FIRE ALARM PANEL BATTERY CALCULATION MAIN FIRE ALARM CONTROL PANEL # 1 (CAB-21)									
Job:	HIGH DESERT	Date:	09/13/2000	By:	DETECTION LOGIC				
PANEL		STANDBY CURRENT	ALARM CURRENT						
1 3-CPU	Central Processor	0.1000	0.1000	0.1200	0.1200				
4 3-RS485	Network Communication Card	0.1000	0.1000	0.1200	0.1200				
4 3-SSDC	Single SGA Driver Controller	0.2500	1.0000	0.3500	1.4000				
1 3-LCD	Liquid Crystal Display Module	0.0400	0.0400	0.0500	0.0500				
2 3-12X	CONTROL DISPLAY MODULE	0.0300	0.0300	0.0300	0.0300				
1 3-PPS-M	EST3 POWER SUPPLY								
2 3-BPS-M	EST3 POWER SUPPLY								
PANEL TOTALS		1.5620		3.7940					
DETECTION DEVICES (figure 20% of devices in alarm)									
47 SGA-PS	Analog Sensors	0.000045	0.002115	0.000045	0.002115				
5 SGA-270	Single Stage Pull Stations	0.000025	0.000125	0.000040	0.0002				
6 SGA-HRS	Heat Detectors	0.000045	0.00227	0.000045	0.00227				
2 SGA-CC1	Single Module	0.000223	0.000446	0.000200	0.000400				
1 SGA-CR	Control Relay Module	0.000100	0.001100	0.000100	0.001100				
DETECTION DEVICE TOTALS		0.003		0.0066					
STAND-BY									
Controls stby		1.5600		3.7940					
Detection device stby		0.003		0.0066					
STBY PER HR.		1.57		3.8007					
x No. of hrs		24		91.2168					
TOTAL STBY		37.68		0.25					
ALARM									
Controls alarm				3.7940					
Detection alarm				0.0066					
Signal alarm				3.8007					
15 minute alarm(x 0.25)				0.95					
TOTAL FOR ALARM				9.66					
Totals									
TOTAL STBY +		37.68		0.25					
TOTAL ALARM				9.66					
SUBTOTAL		39.64							
BATTERY SIZE 40 AH									

WORSE CASE FIRE ALARM PANEL BATTERY CALCULATION FIRE ALARM CONTROL NODE #4 (CAB-7)									
Job:	HIGH DESERT	Date:	09/13/2000	By:	DETECTION LOGIC				
PANEL		STANDBY CURRENT	ALARM CURRENT						
1 3-CPU	Central Processor	0.1000	0.1000	0.1200	0.1200				
1 3-SSDC	Single SIGA Driver Controller	0.2500	1.0000	0.3500	1.4000				
1 3-PPS-M	EST3 POWER SUPPLY								
2 3-BPS-M	EST3 POWER SUPPLY								
PANEL TOTALS		1.1		1.52					
DETECTION DEVICES (figure 20% of devices in alarm)									
11 SIGA-270	Analog Sensors	0.000045	0.0005	0.000045	0.0005				
6 SIGA-DV0	Single Stage Pull Stations	0.000025	0.00015	0.000040	0.00032				
1 SIGA-CC1	Single Module	0.000223	0.000223	0.000200	0.00200				
DETECTION DEVICE TOTALS		0.0009		0.003					
STAND-BY									
Controls stby		1.1		1.52					
Detection device stby		0.0009		0.003					
STBY PER HR.		1.1009		1.523					
x No. of hrs		24		36.5					
TOTAL STBY		26.5							
Totals									
TOTAL STBY +		26.5							
TOTAL ALARM		0.38							
SUBTOTAL		27							
BATTERY SIZE		40 AH							

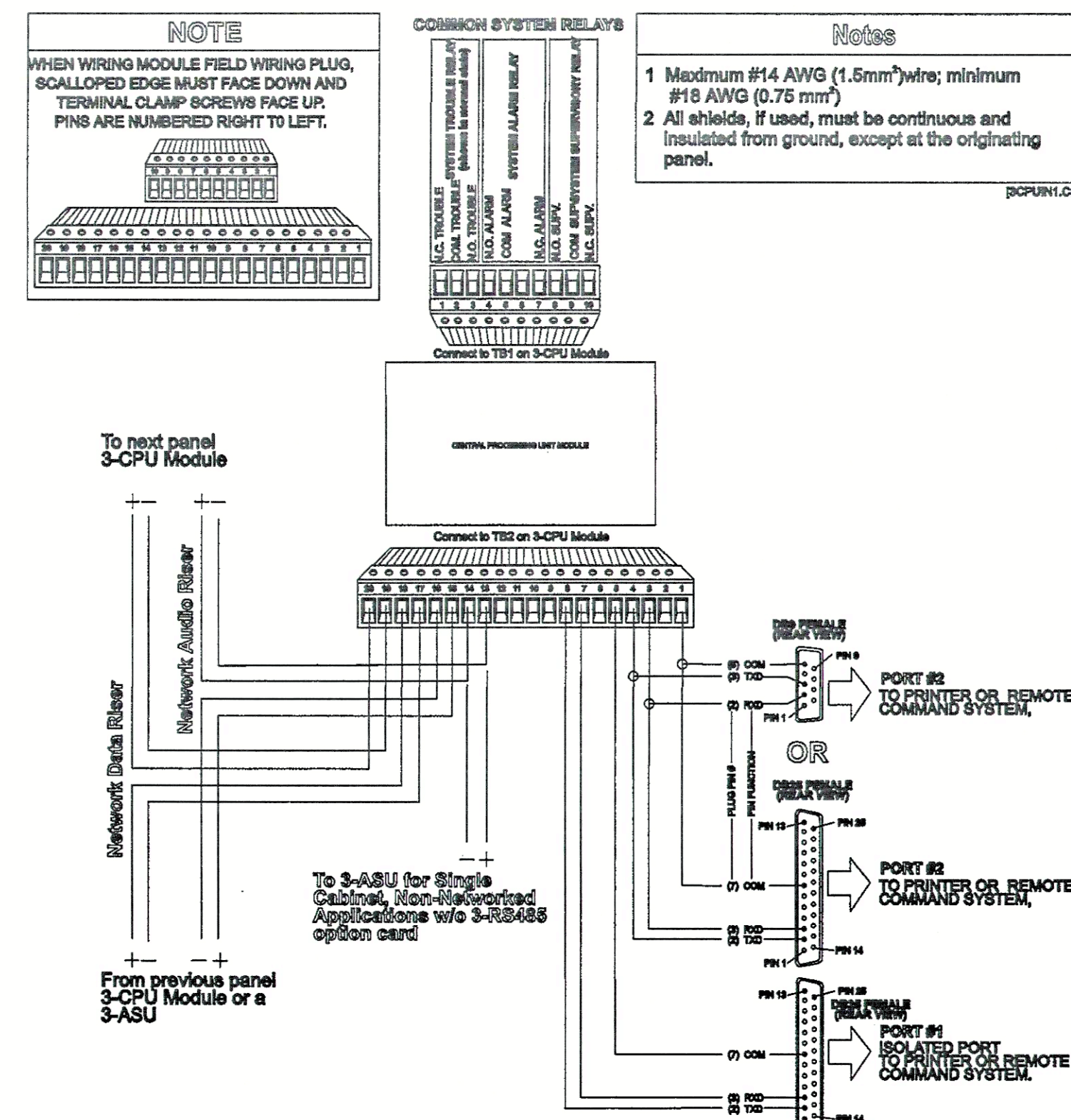
RAIL CONFIGURATION



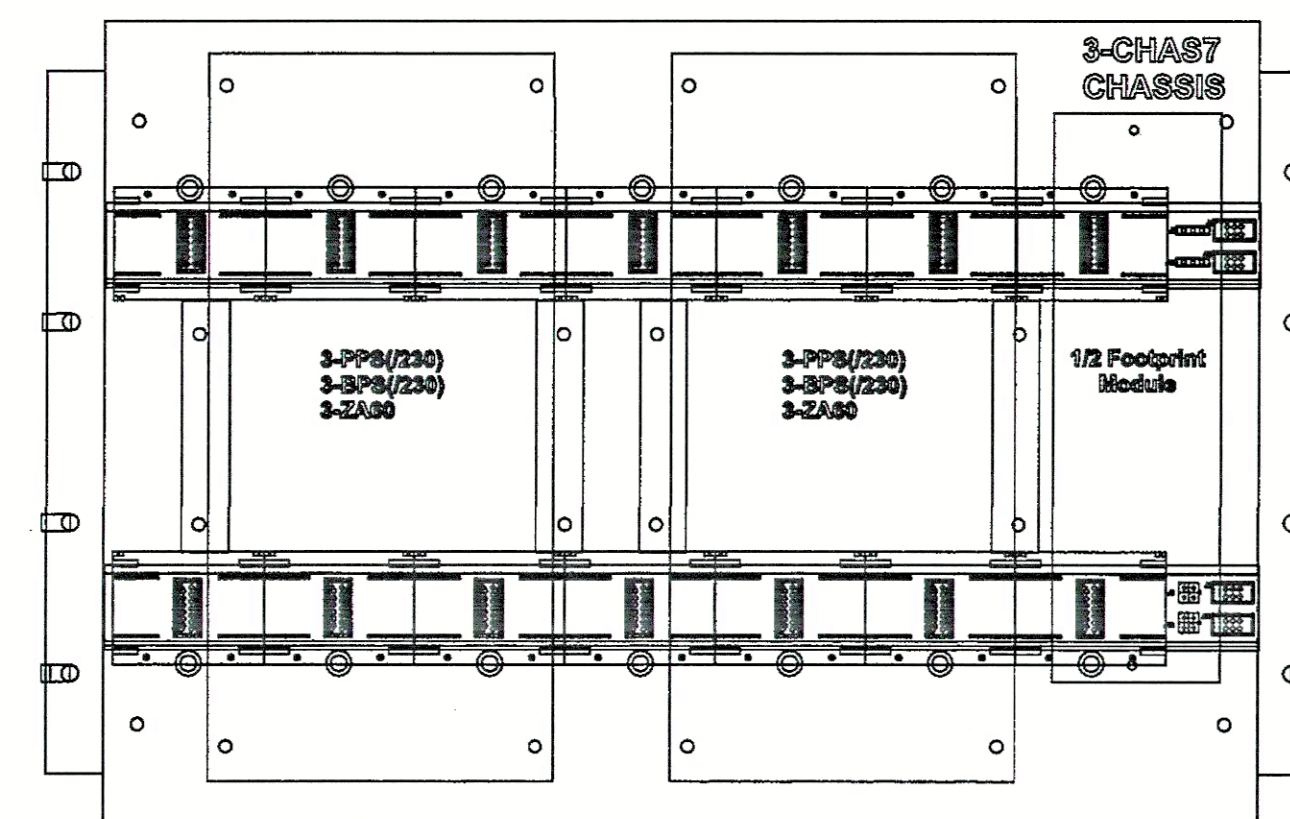
3-SSDC INSTALLATION



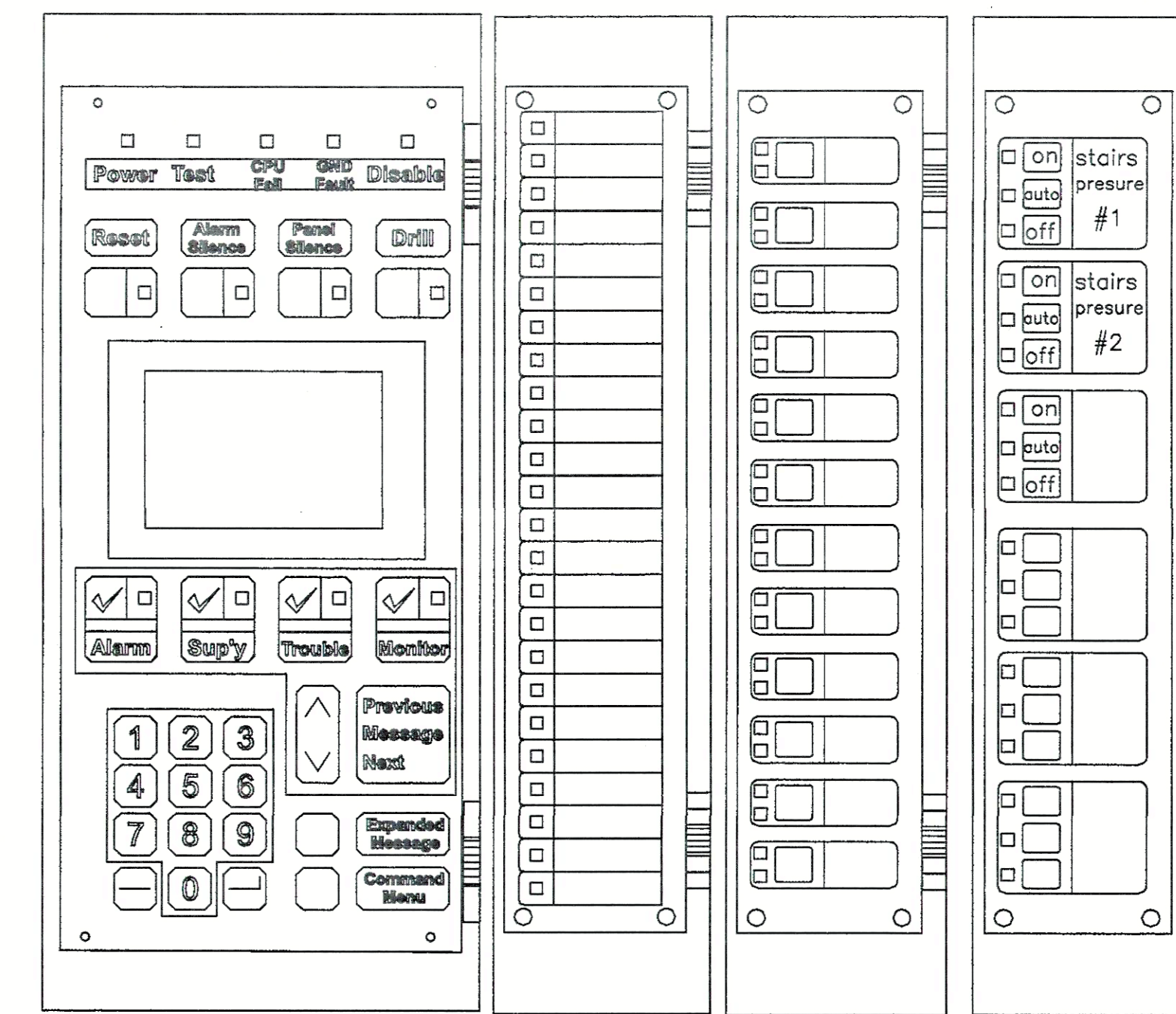
3-CPU INSTALLATION



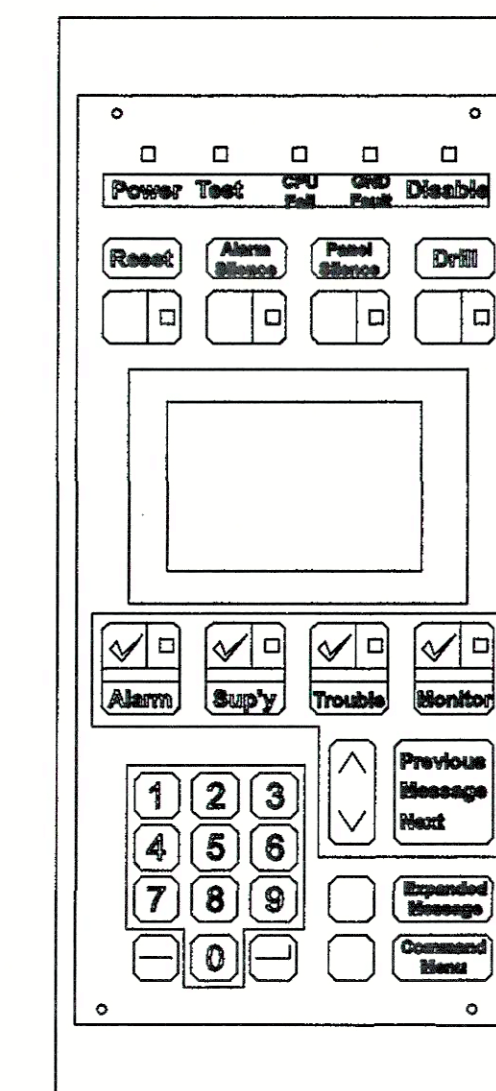
POWER SUPPLY INSTALLATION



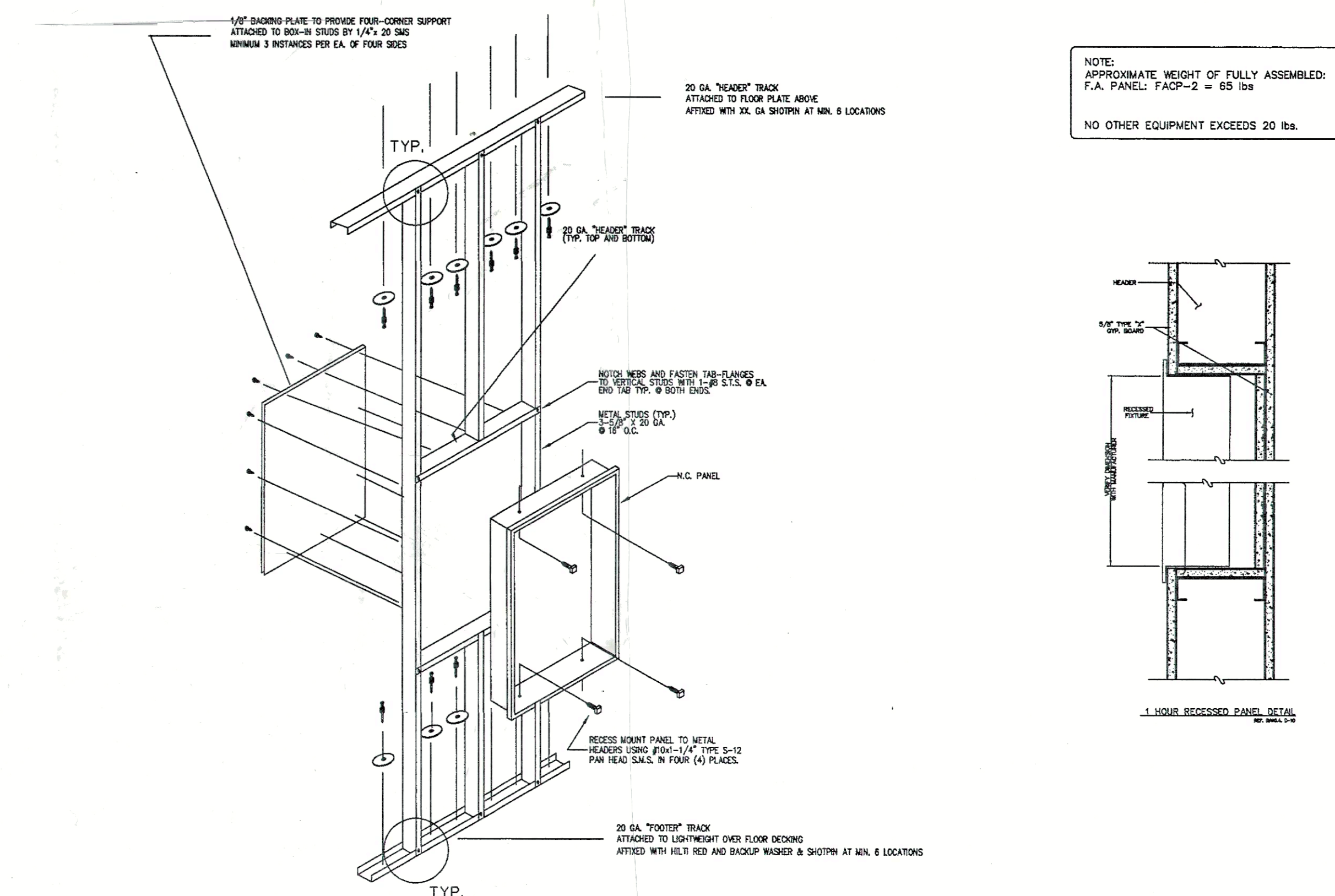
EST3 PANEL



3-LCDANN Remote Annunciator



MOUNTING DETAILS FLUSH



PROJECT: HIGH DESERT HOSPITAL
44900 N. 60th ST. WEST
Lancaster CA, 93536

APPROVED

NOV 27 2001

OFFICE OF STATEWIDE HEALTH
PLANNING & DEVELOPMENT
DIV. OF FACIL. DEVELOPMENT
LOS ANGELES, CA 90012

OSHPD # SL-010322-19A

REVISION DATE

OSHPD CORRECTION 11/20/01

OSHPD CORRECTION 08/09/01

OSHPD CORRECTION 07/11/01

FIELD CORRECTION 01/23/01

FIELD CORRECTION 10-05-00

FIRST RELEASE 09-10-00

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

DRAWN DOKHI

SHEET

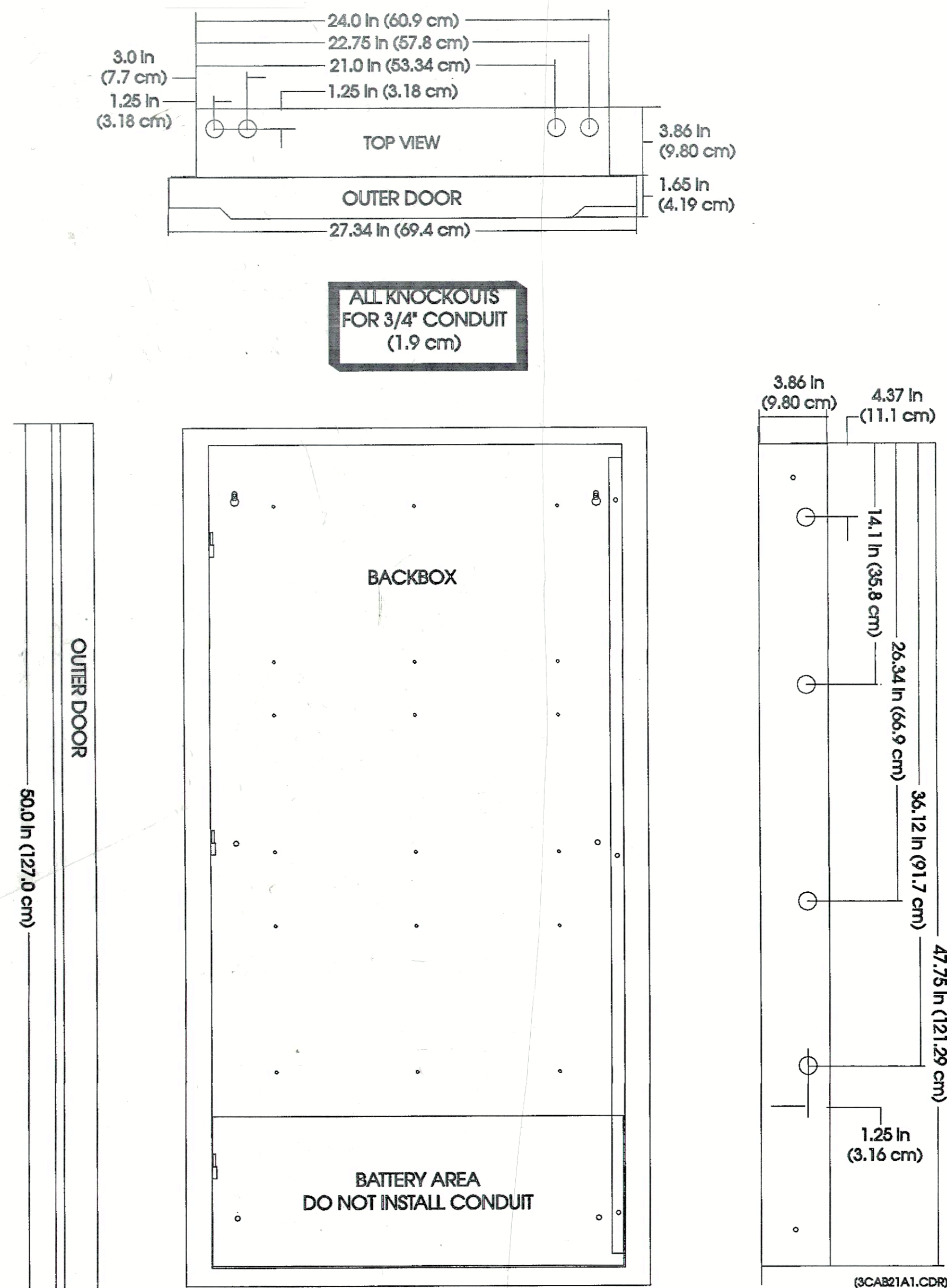
FA-T4

DETAILS

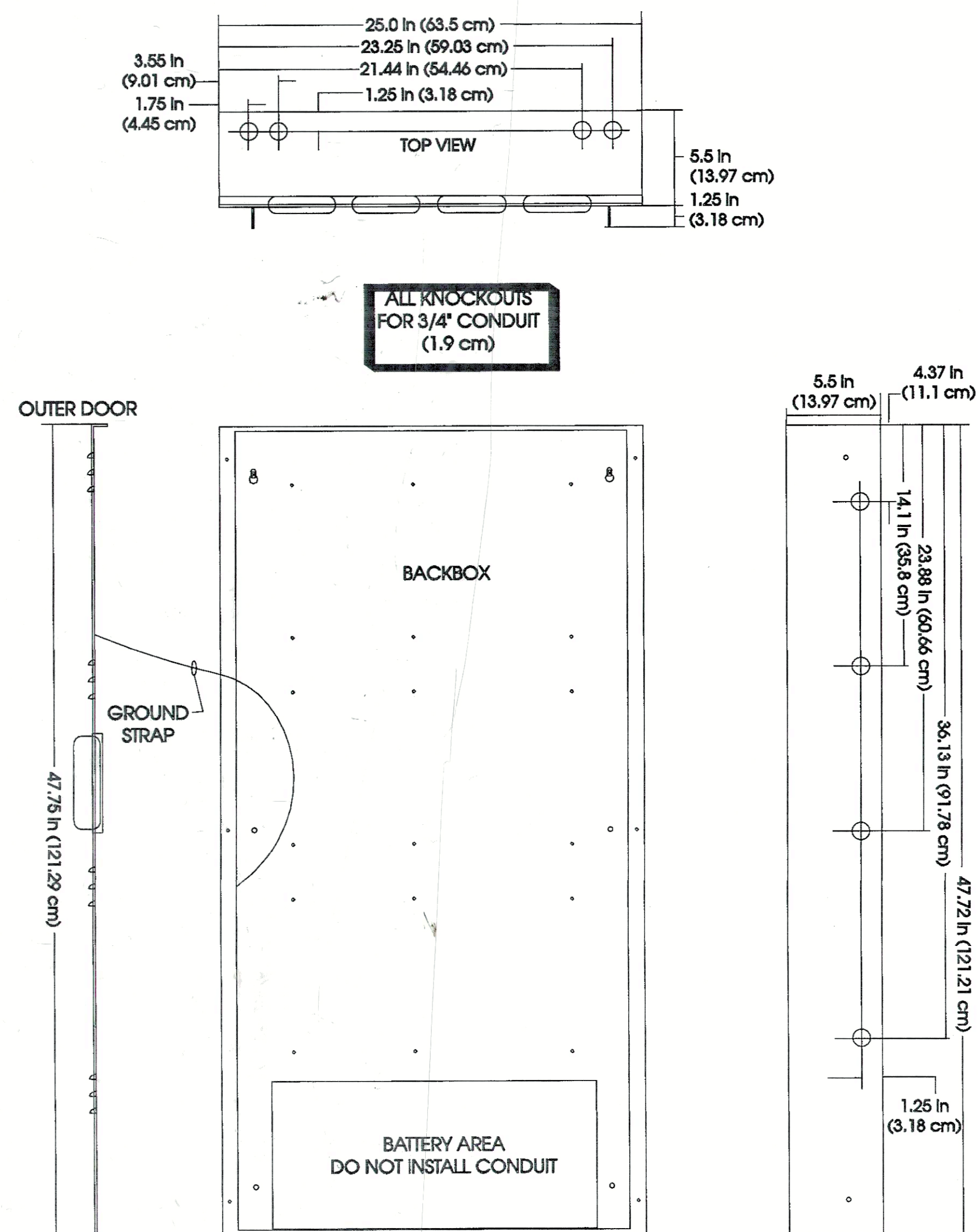
CAD: SERVICER/PROJ/FILES 2000/

HIGH DESERT HOSPITAL.DWG

FILE FA-T5.DWG



CAB-21

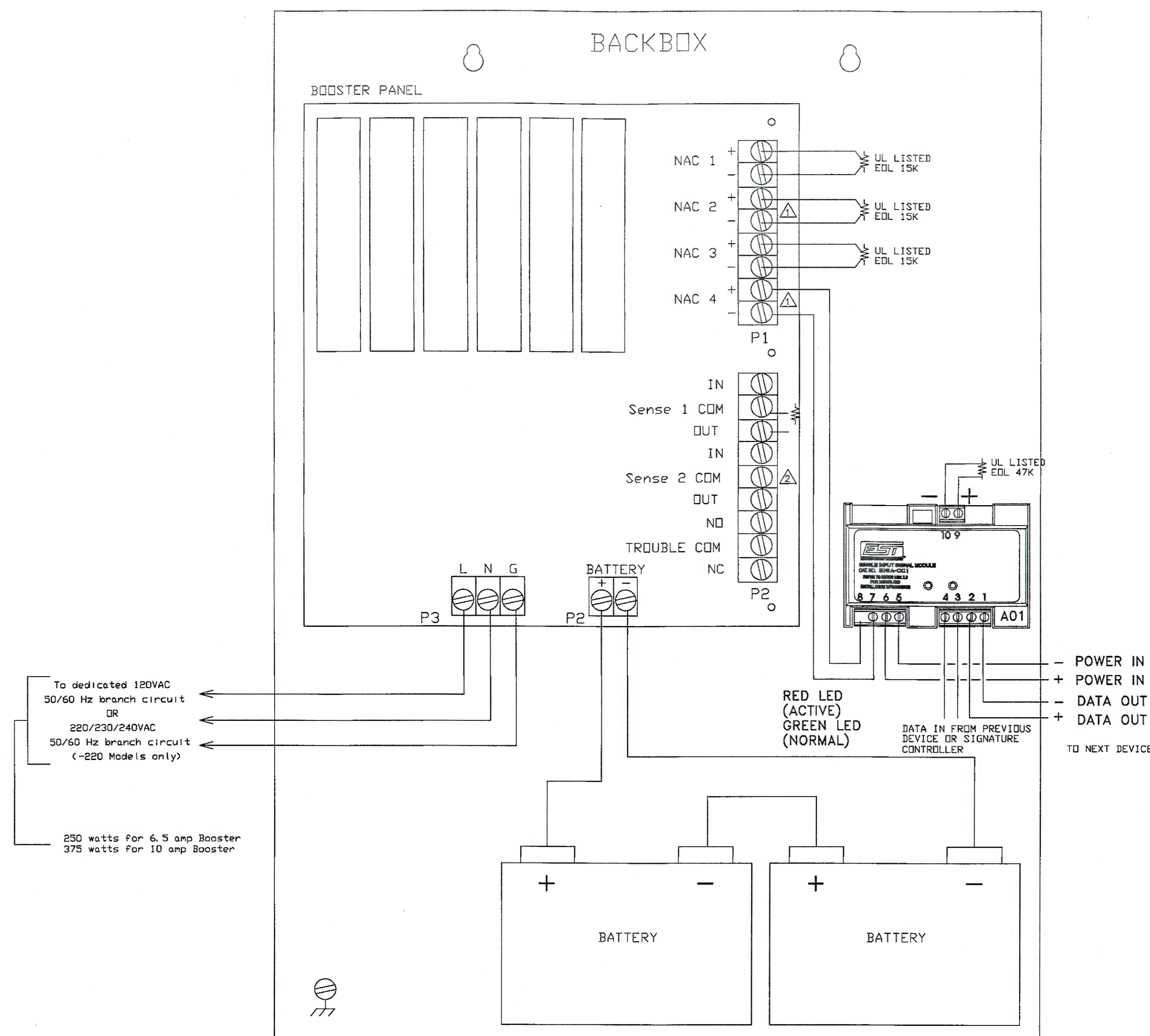


RCC-21

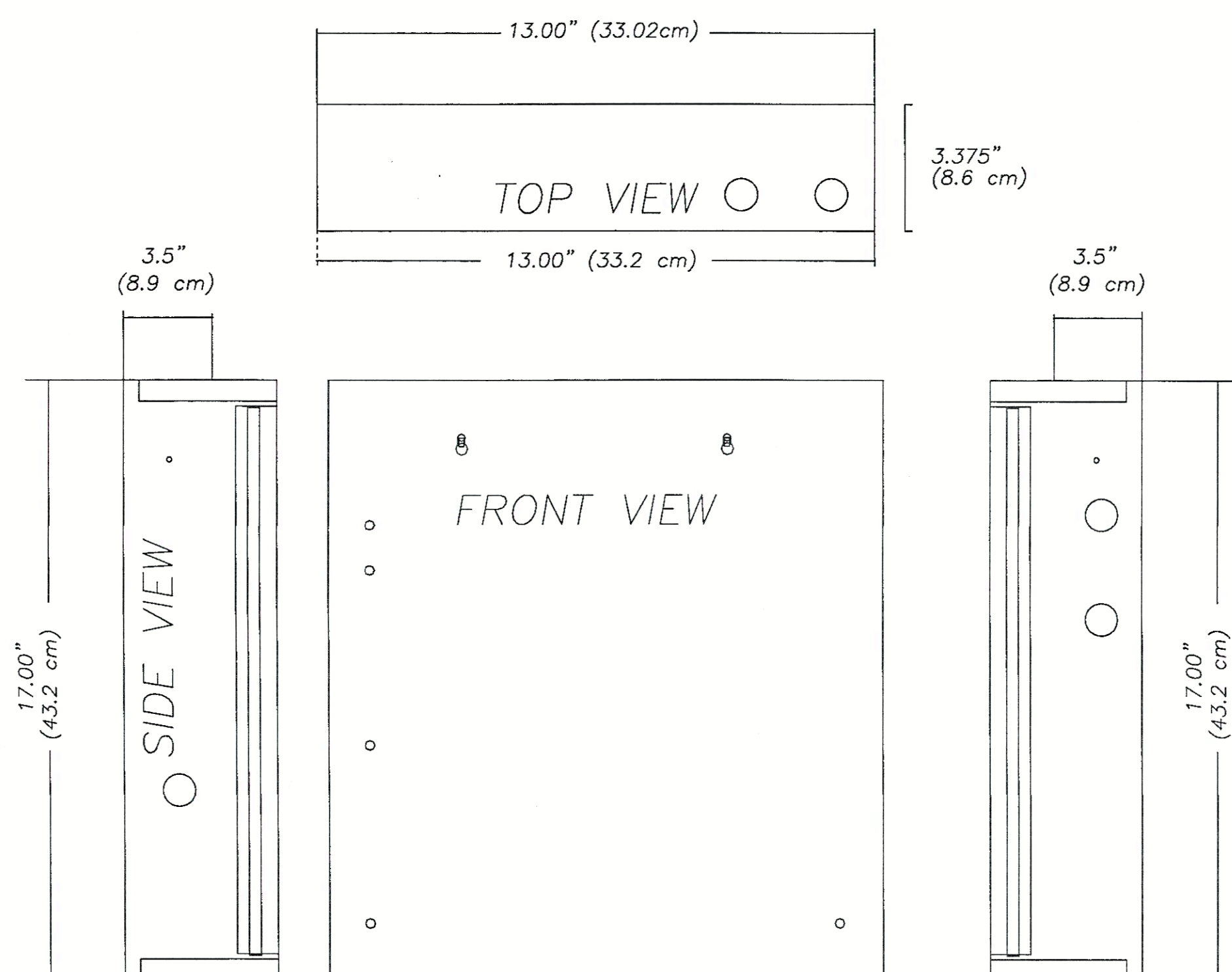
REMOTE BOOSTER POWER SUPPLY
120V - 10 Amp 24Vdc OUTPUT TO FOUR 3.0 Amp NOTIFICATION.
Appliance Circuits.
Space for up to 10 Ah batteries.

NOTES:
▲ Used for another Class B NAC circuit.
▲ Used to connect another input circuit or signaling device.

SIGNAL POWER EXPANDER BPS-10



INSTALLATION AND MOUNTING

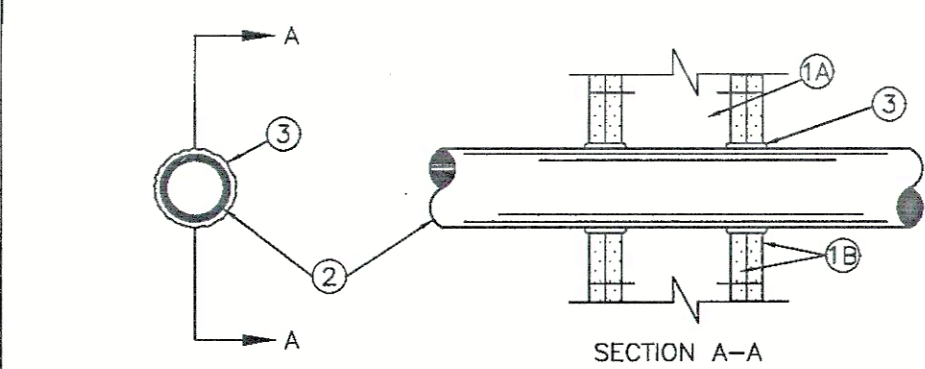


BPS-10

FIRE STOP

THROUGH-PENETRATION FIRESTOP SYSTEMS (XHEZ)

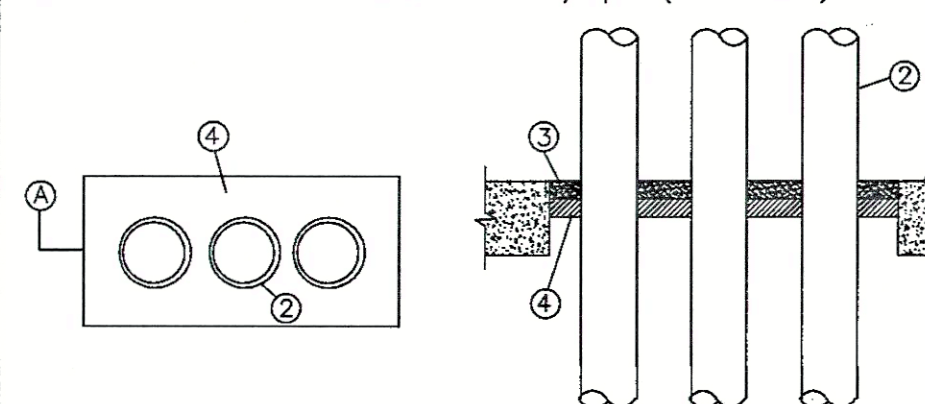
SYSTEMS NO. WL1001-CAULK ONLY
(FORMERLY SYSTEM NO. 147A)
F RATINGS--1,2,3 AND 4 HR (SEE ITEMS 2 AND 3)
T RATINGS--0,1,2,3 AND 4 HR (SEE ITEM 3)



1. Wall assembly - the 1,2,3 or 4 hr. fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U302 or U400 series wall or partition designs in the U.L. Fire Resistance Directory and shall include the following construction features:
A. Studs-Wall framing may consist of either wood studs (max 2 hr fire rated assemblies) or steel channel studs. Wood studs to consist of nominal 2 by 4 in. lumber spaced 16 in. OC with nominal 2 by 4 in. lumber end plates and cross braces. Steel studs to be minimum 3-5/8 in. wide by 1-3/8 in. deep channels spaced max. 24 in. O.C.
B. Wallboard, Gypsum - nom 1/2 or 5/8 in thick, 4 ft. wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series design in the U.L. Fire Resistance Directory. Maximum diameter of opening is 13-1/2 in.
2. Pipe or Conduit-Nom 12 in. dia. (or smaller) Schedule 10 (or heavier) steel pipe, nom. 6 in. dia. (or smaller) steel conduit, nom. 4 in. dia. (or smaller) steel Electrical Metallic Tubing or Type L (or heavier) copper tubing or nom 1 in. dia. (or smaller) flexible steel conduit. When copper pipe or flexible steel conduit is used, max F Rating of firestop system (Item 3) is 2 hr. Steel pipes or conduits larger than nom 4 in. dia. may only be used in walls constructed using steel channel studs. A max of one pipe or conduit is permitted in the firestop system. Pipe or conduit to be installed near center of stud cavity width and to be rigidly supported on both sides of wall assembly.
3. Fill, Void or Cavity Material - Caulk - Caulk fill material installed to completely fill annular space between pipe or conduit and gypsum wallboard and with a min. 1/4 in. dia. bead of caulk applied to perimeter of pipe or conduit at its egress from the wall. Caulk installed symmetrically on both sides of wall assembly. The hourly F rating of the firestop system is dependent upon the hourly fire rating of wall assembly in which it is installed as shown in the following table. The hourly T rating of the fire stop system is dependent upon the type or size of the pipe or conduit and the hourly fire rating of the wall assembly in which it is installed, as tabulated below:
+When copper pipe is used, T Rating is 0 hour.
* Bearing the UL Classification Marking.
**Mining & Mfg. co. - Types CP-25 S/L, CP-25 N/S, CP-25 WB, CP-25 WB+.

SYSTEM NO. FA1002

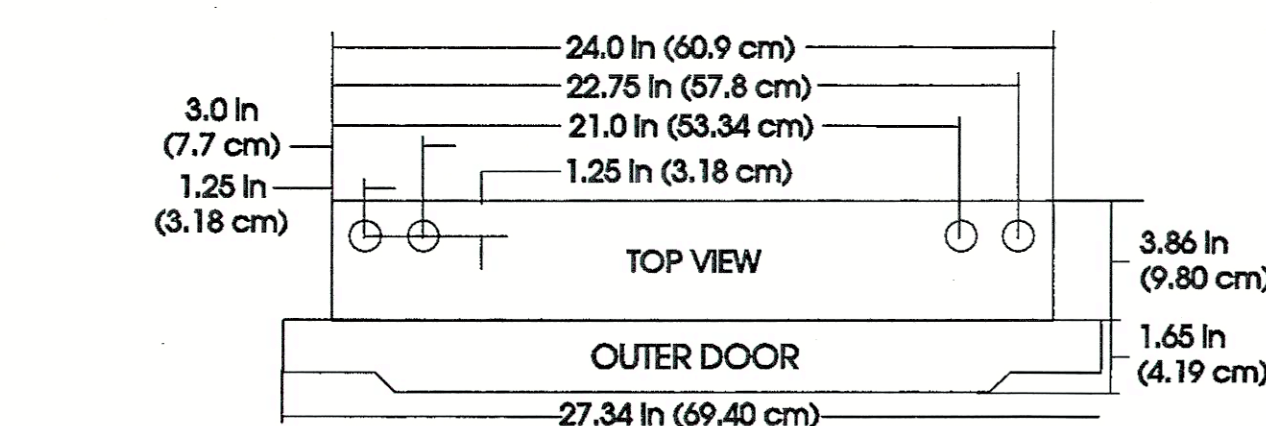
F RATING-2 HR
T RATING-0 HR
L RATING AT AMBIENT-2 CFM/sq ft (SEE ITEM 4)
L RATING AT 400 F- LESS THAN 1 CFM/sq ft (SEE ITEM 4)



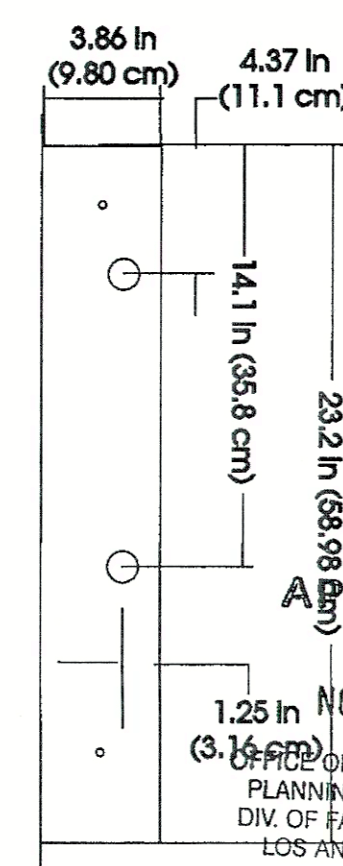
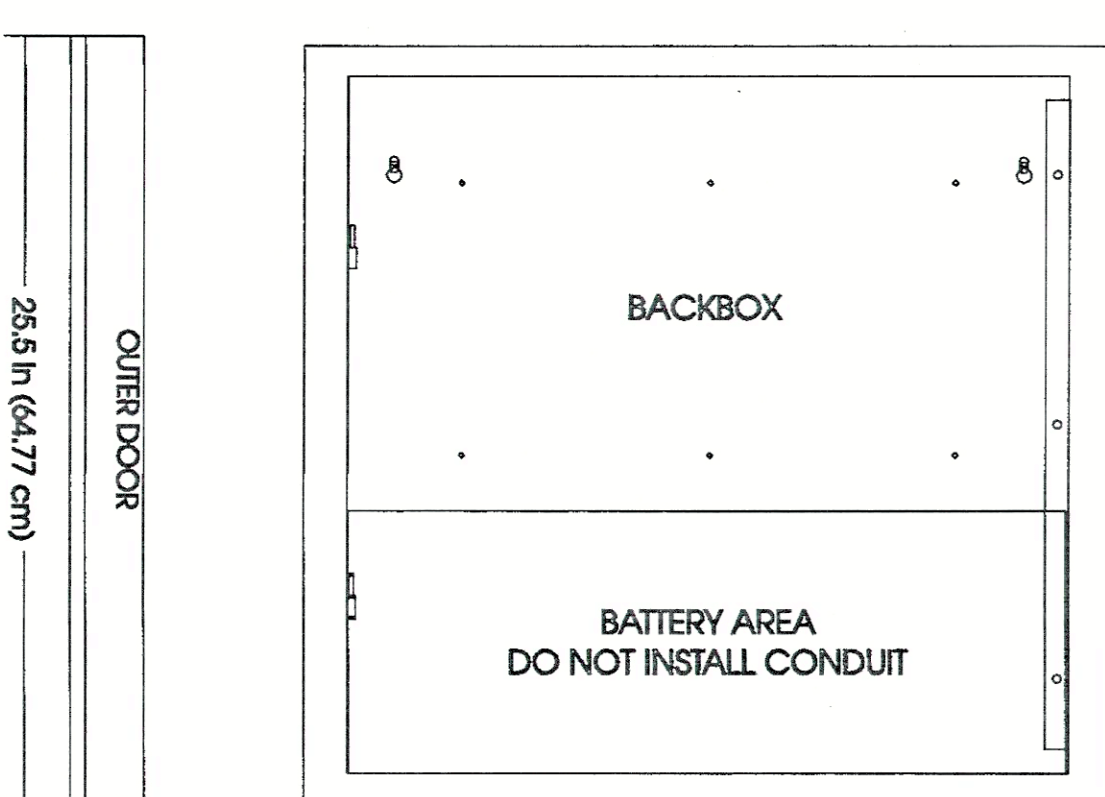
- 1) Floor Assembly - Min. 4-1/2 in. thick lightweight or normal weight (100-150 pcf) concrete. Max area of opening 192 sq. in. with max length of 24 in. and max width of 8 in.
- 2) Pipe - Nom 4 in. diam (or smaller) type L (or heavier) copper tubing Schedule 10 (or heavier) steel pipe, steel conduit or steel EMT to be installed with a min. clearance of 1 in. and a max clearance of 2 in. from the sides of the through opening. A min separation of 1 in. shall be maintained between adjacent pipes. Pipes to be rigidly supported on both sides of floor assembly.
- 3) Packing Material - Min. 1 in. thick mineral-wool batt material insulation firmly packed into opening as a permanent form with its top surface recessed min. 1 in. from top surface of floor.
- 4) Fill, Void, or Cavity Material - Caulk - Applied to fill through opening to a min depth of 1 in., flush with top surface of floor.
Minnesota Mining & Mfg. Co. - types CP-25 WB, CP-25 WB +. (Note: L Ratings apply only when type CP-25 WB+ caulk is used.)

*Bearing the UL Classification Marking

FIRESTOP.DWG



CAB-21



OSHPD # SL-010322-19A

REVISION	DATE	DRAWN	SHEET
OSHPD CORRECTION	11/20/01	DOKHI	1
OSHPD CORRECTION	08/09/01		
OSHPD CORRECTION	07/11/01		
FIELD CORRECTION	01/23/01		
FIELD CORRECTION	10-05-00		
FIRST RELEASE	09-10-00		

HIGH DESERT HOSPITAL
44900 N. 60th ST. WEST
Lancaster CA, 93536

PROJECT:

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

DRAWN DOKHI

SHEET

FA-T5

DETAILS

NOV 27 2001

STATE OF CALIFORNIA

OSHPD # SL-010322-19A

OSHPD CORRECTION 11/20/01

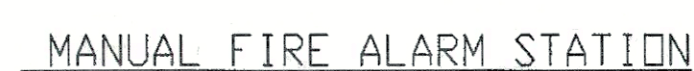
OSHPD CORRECTION 08/09/01

OSHPD CORRECTION 07/11/01

FIELD CORRECTION 01/23/01

FIELD CORRECTION 10-05-00

FIRST RELEASE 09-10-00

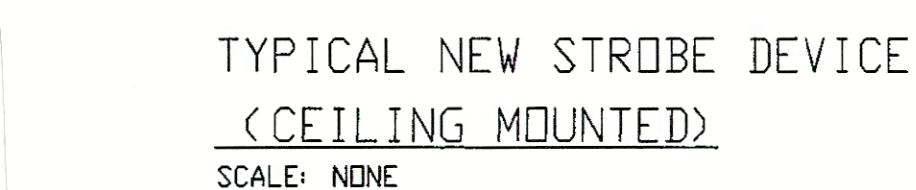
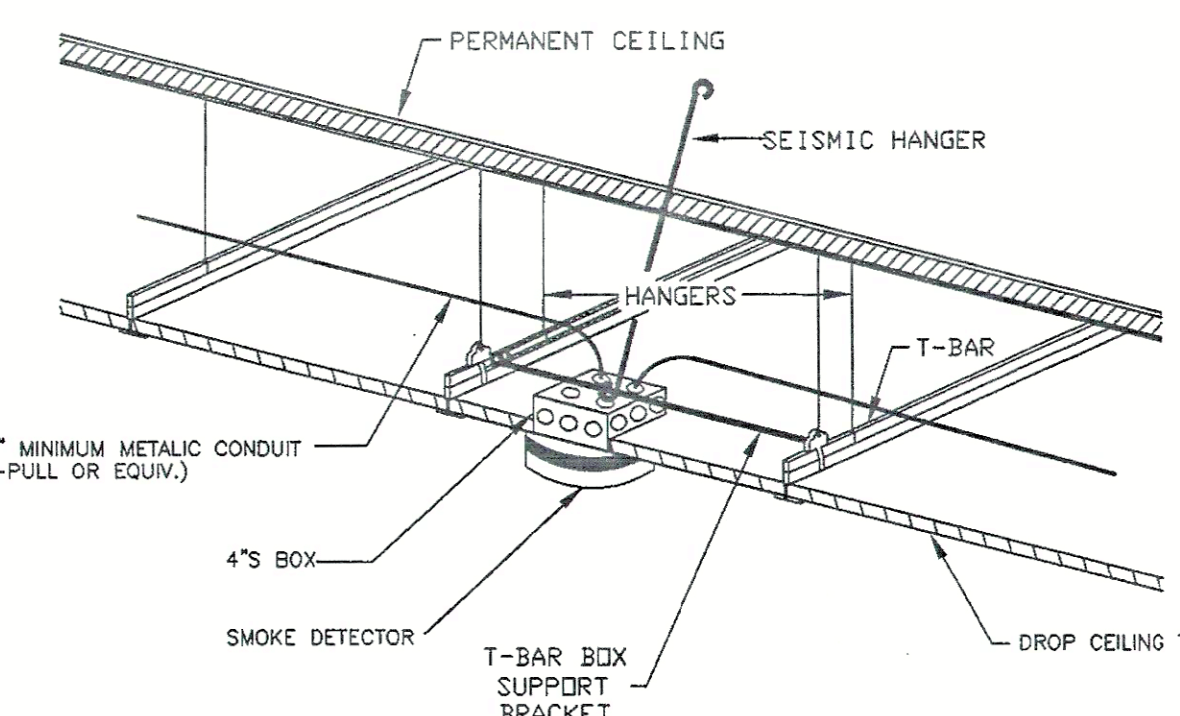


NOTE:
ALL MANUAL FIRE ALARM STATIONS SHALL BE MOUNTED AT
48-INCHES AT CENTERLINE ABOVE FINISHED FLOOR.



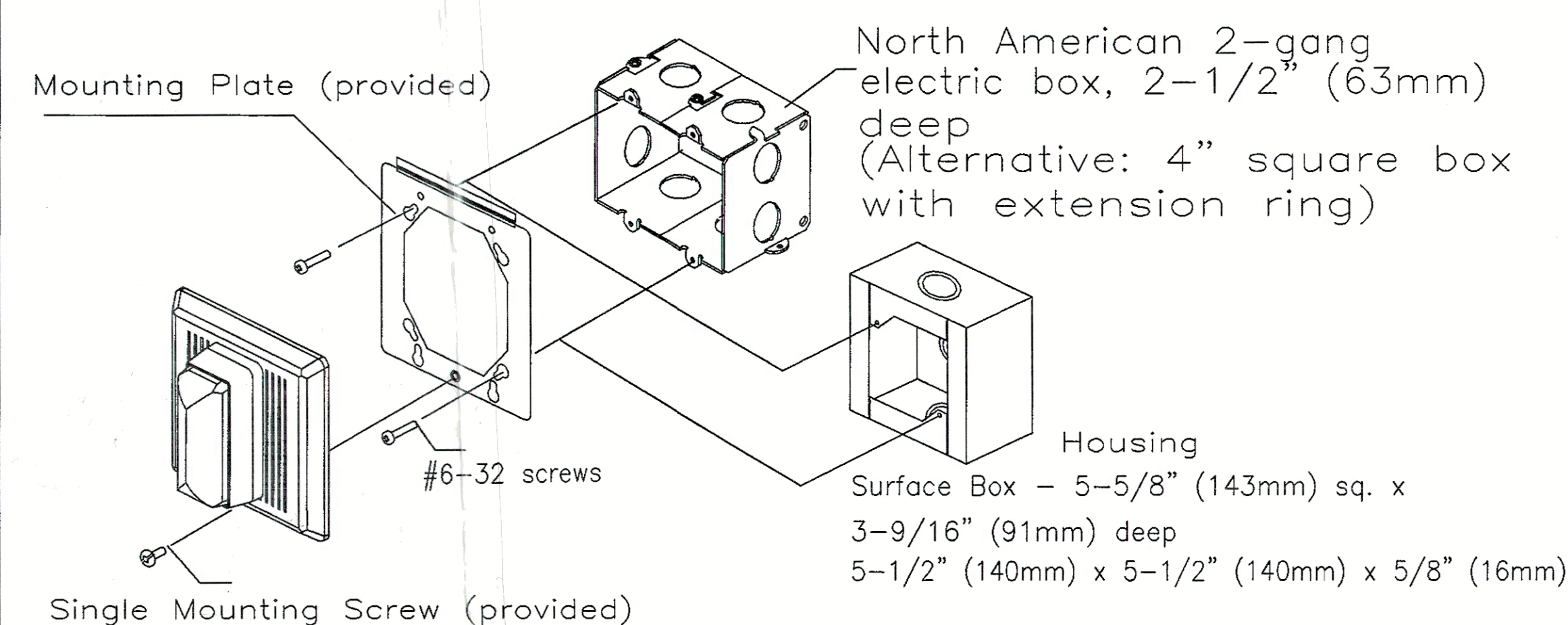
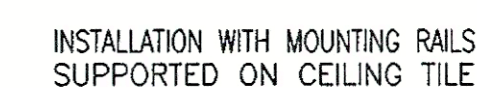
NOTE:

MOUNT ADDRESSABLE INTERFACE MODULE CLOSE TO IT ASSOCIATED MONITORING POINT (I.E. SPRINKLER WATERFLOW SWITCH VALVE SUPERVISORY DEVICE OR HVAC CONTROL) AT AN INTERIOR LOCATION.

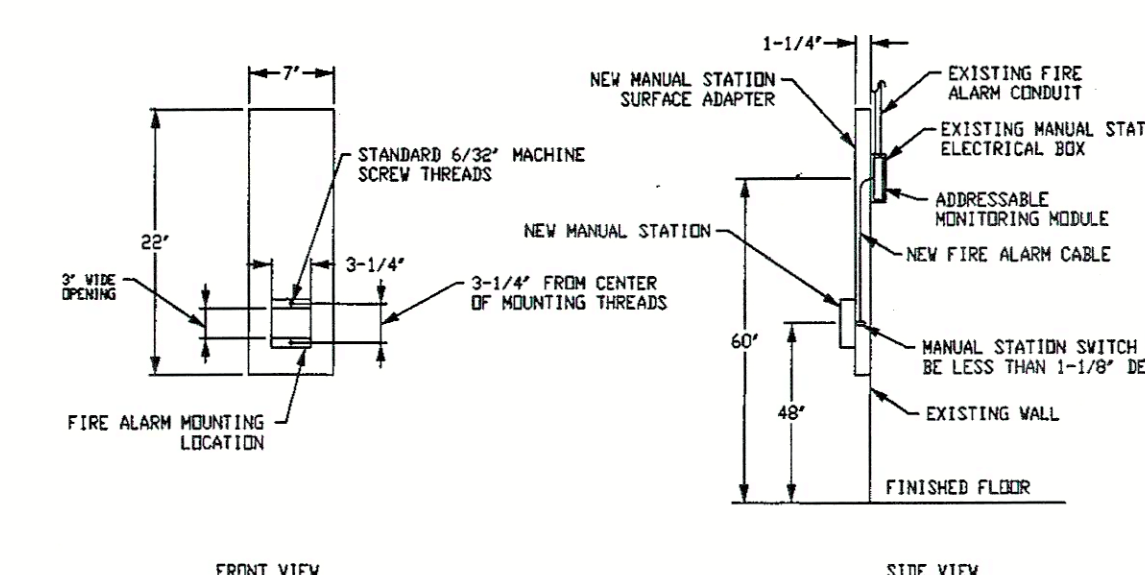


NOTES:

1. PROVIDE SMOKE DETECTOR WITH A RELAY BASE WHERE INDICATED ON DRAWINGS.



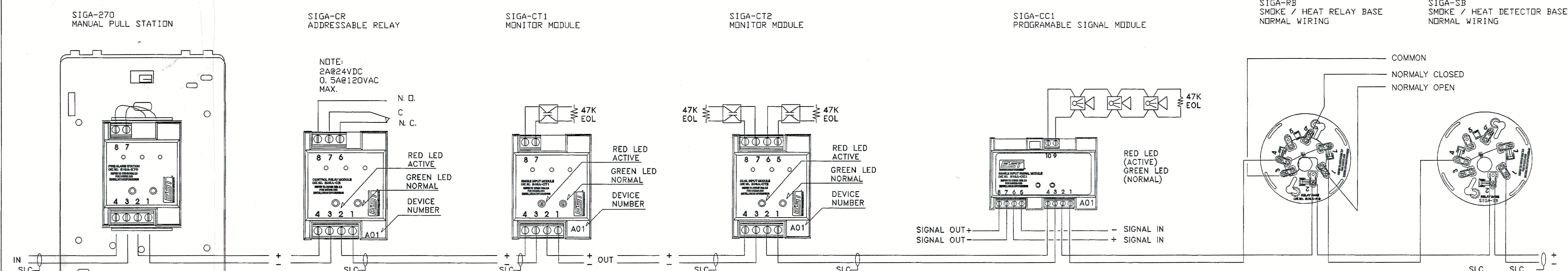
NOTES
ALL MANUAL FIRE ALARM STATIONS SHALL BE MOUNTED WITH THE
CENTERLINE OF THE DEVICE AT 48-INCHES ABOVE FINISHED FLOOR



MANUAL STATION SURFACE ADAPTER

THE LABOR SAVERSM IS MADE BY:
REGENCY ELEVATOR PRODUCTS CORPORATION (REPC)
NEWARK, NEW JERSEY
PHONE: (973) 481-1400 (JACK)

THE CONTRACTOR SHALL CONTACT REPC TO PROVIDE THE
REQUIRED MANUAL STATION SURFACE ADAPTER.



TYPICAL SIGNATURE SERIES INTERFACE WIRING

APPROVED

NOV 27 2001

OFFICE OF STATEWIDE HEALTH
PLANNING & DEVELOPMENT
DIV. OF FACIL. DEVELOPMENT
LOS ANGELES, CA 90012

OSHPD # SL-010322-19A

SCALE: $1/8"=1'-0"$

REVISION	DATE	DRAWN	DOKHI
△ OSHPD CORRECTION	11/20/01	SHEET	
△ OSHPD CORRECTION	08/09/01	FA-T6 DETAILS	
△ OSHPD CORRECTION	07/11/01		
△ FIELD CORRECTION	01/23/01		
△ FIELD CORRECTION	10-05-00		
FIRST RELEASE	09-10-00	CAD SERVER/PROJ FILES 200 HIGH DESERT HOSPITAL.DWG	

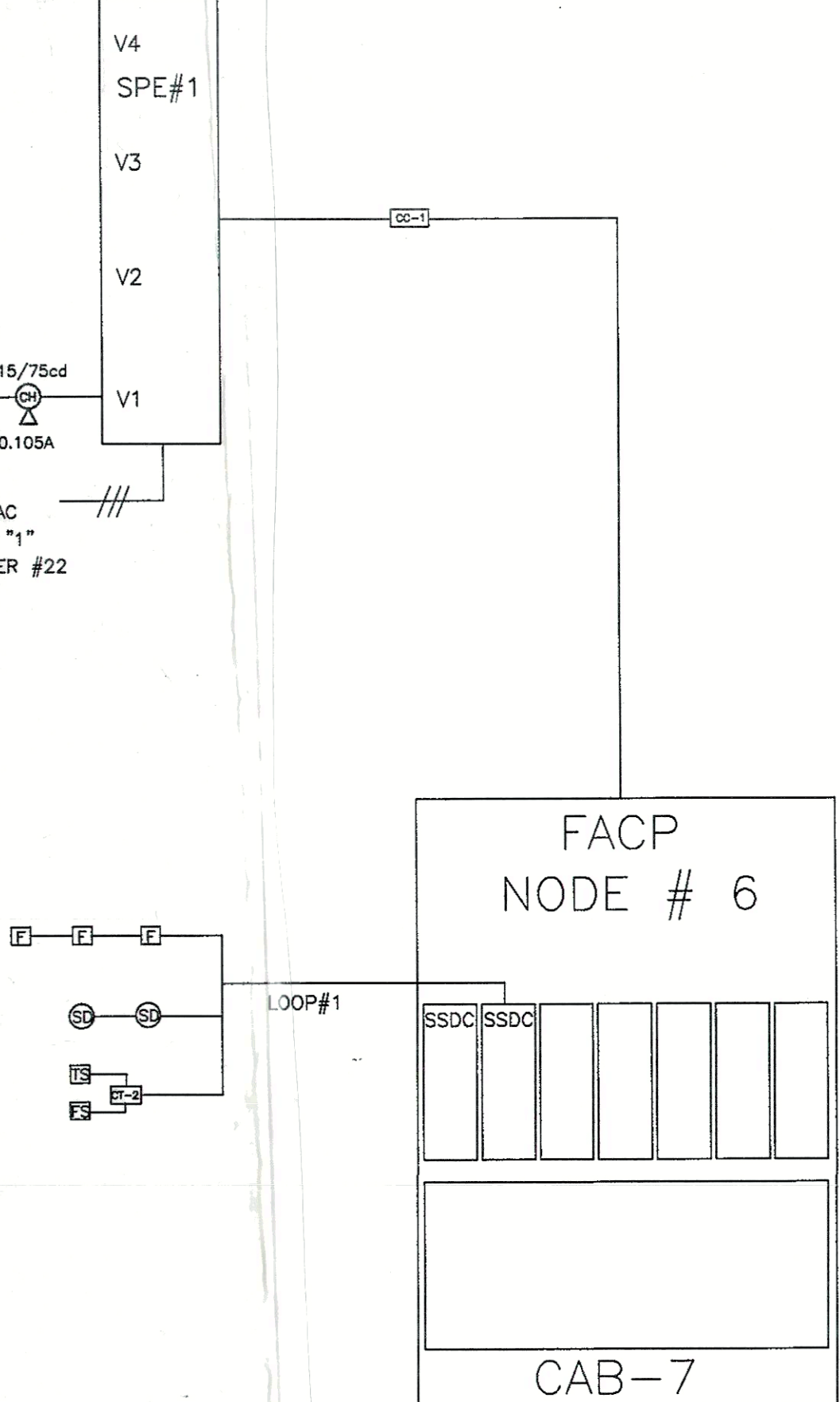
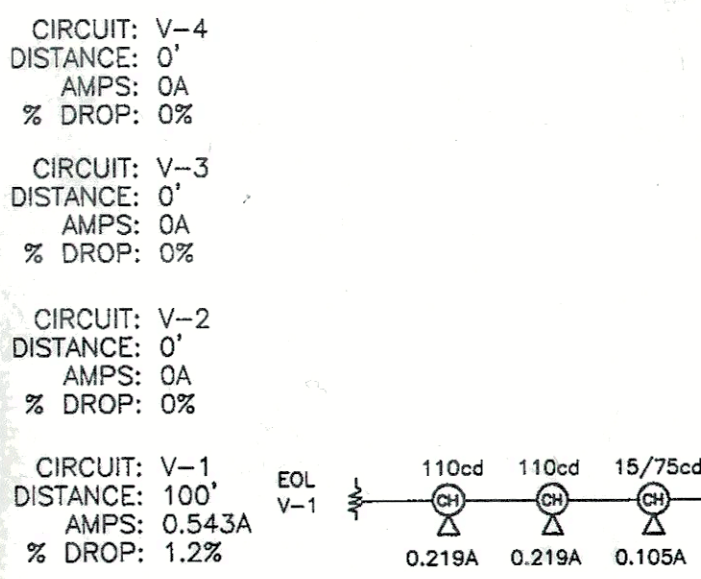
FA-T6
DETAILS

CAD SERVER/PROJ.FILES 200
HIGH DESERT HOSPITAL.DWG
FILE EA-T3.DWG

172m 1A-10.010

RISER DIAGRAM

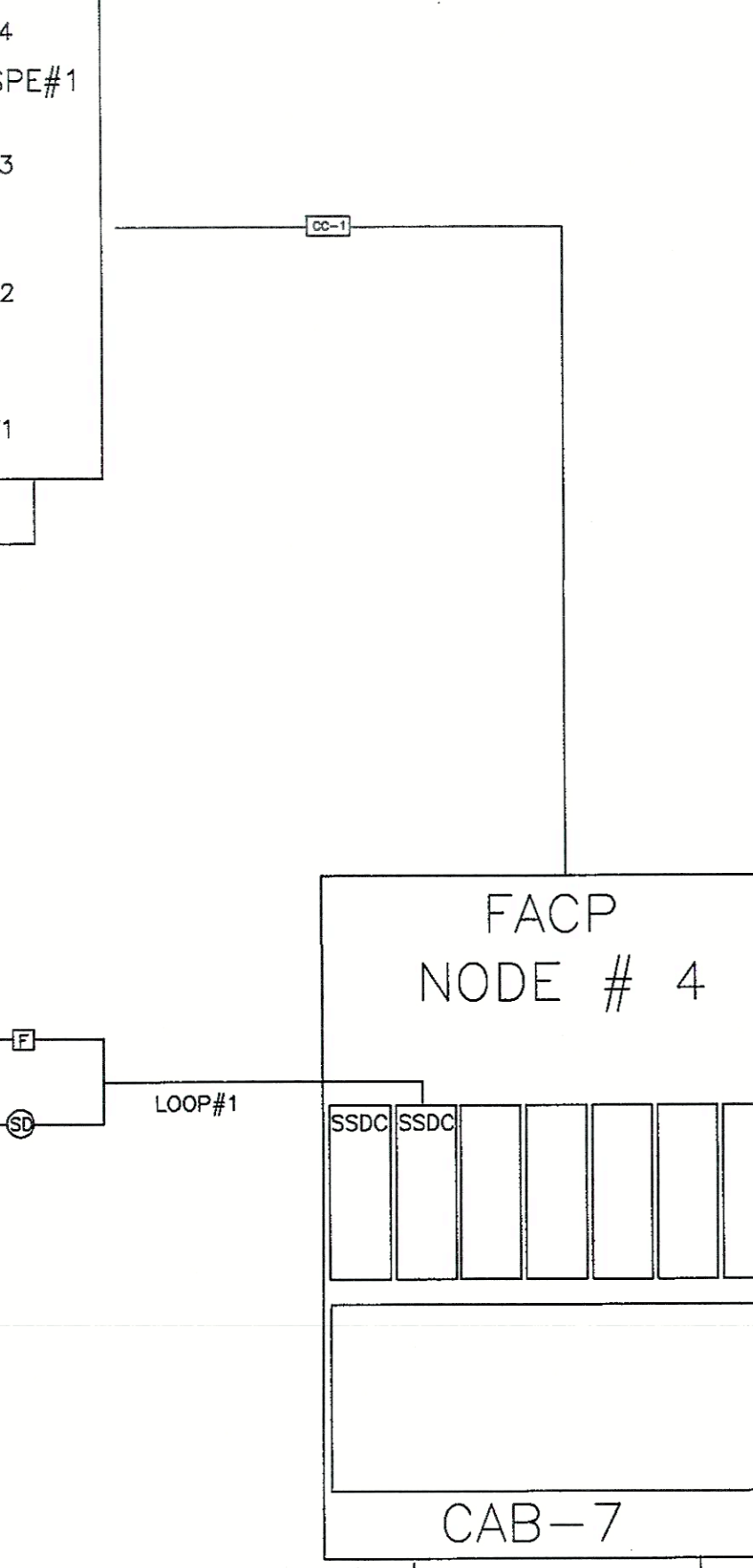
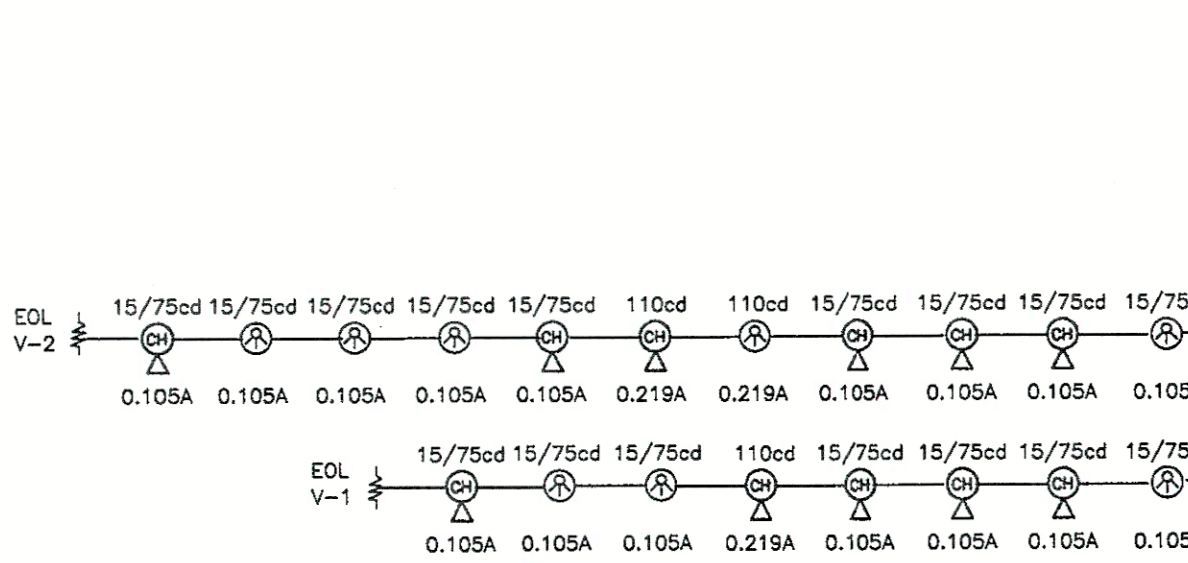
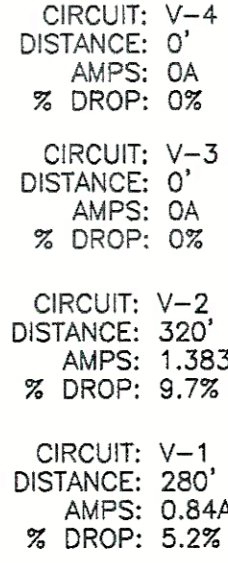
BUILDINGS "B" , "C" , "D"



AREA "POLICE OFFICE"
BUILDING "B"

110 VAC
PANEL "1"
NORMAL POWER
BREAKER #20

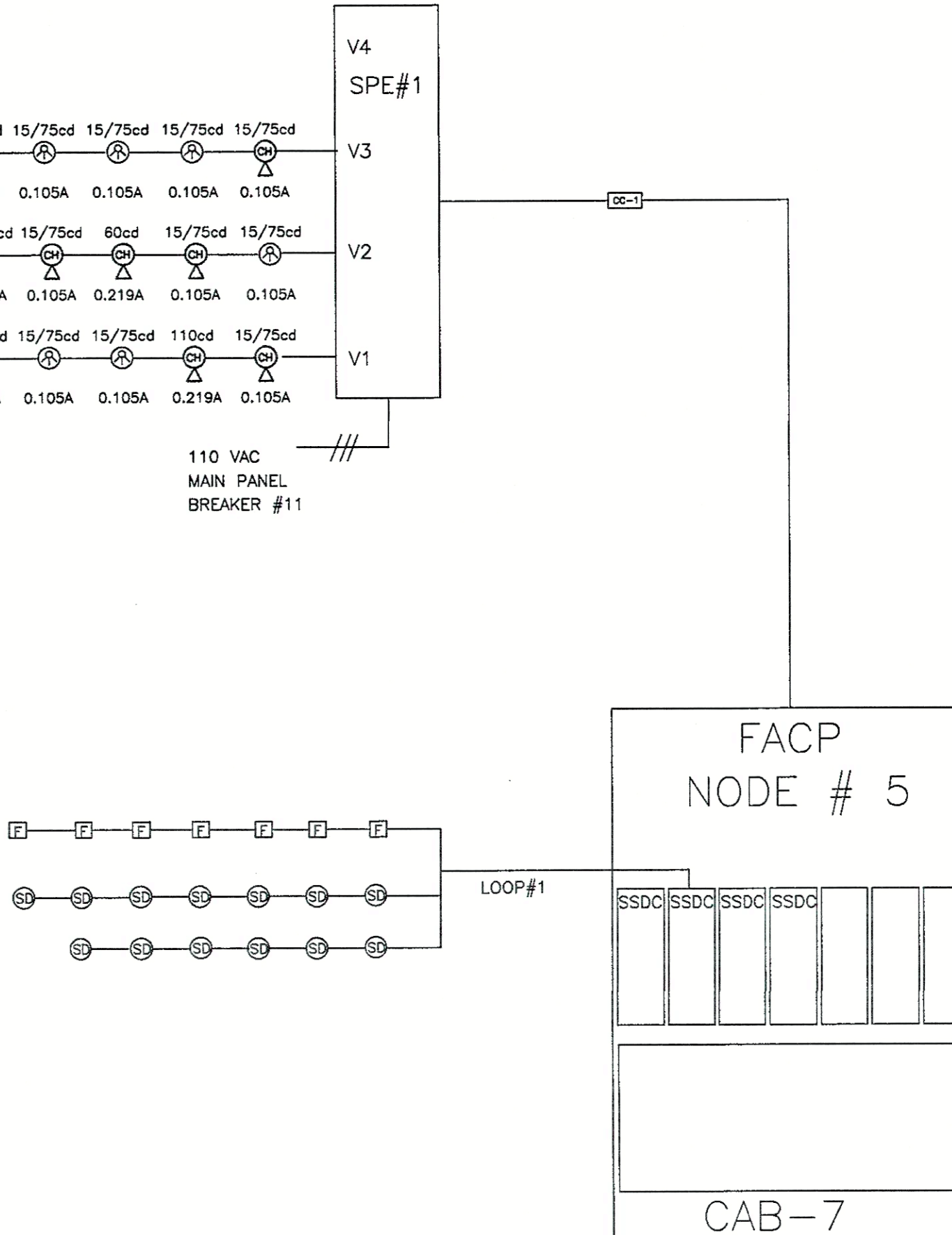
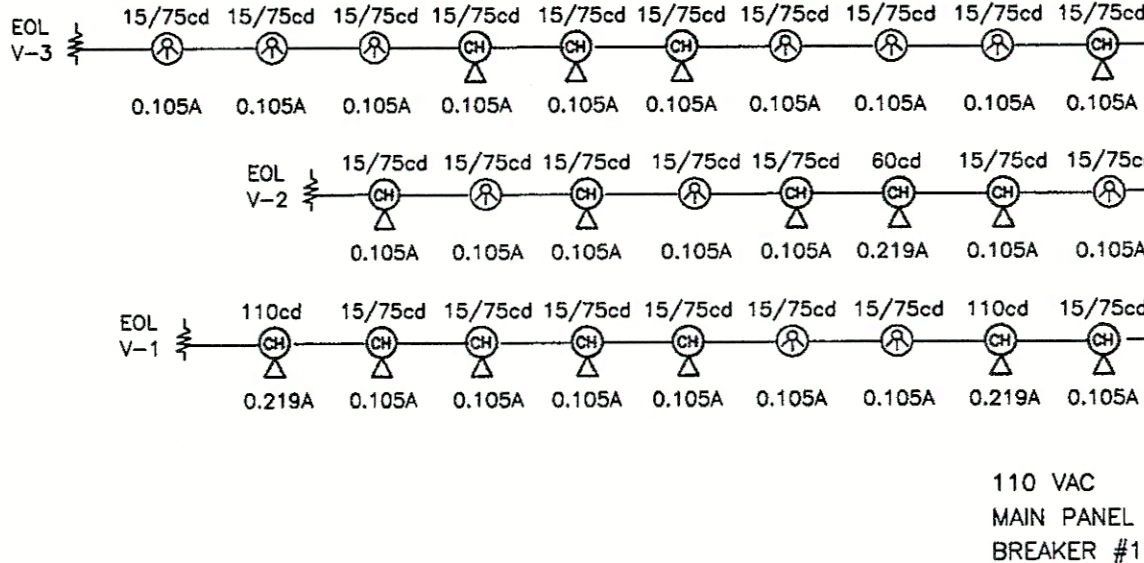
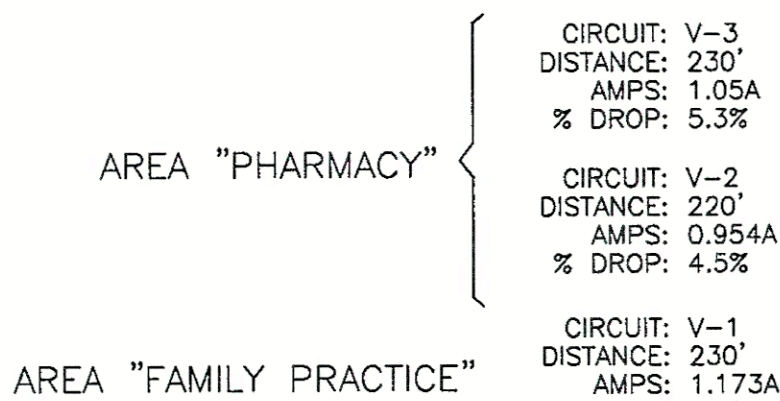
TO MAIN HOSPITAL FAC
TO FACP NODE#2



AREA "DR. TRAILER & IBAX"
BUILDING "D"

110 VAC —
MAIN PANEL
NORMAL POWER
BREAKER #20

TO MAIN HOSPITAL FACP
TO FACP NODE#3



AREA "PHARMACY"
AREA "FAMILY PRACTICE"
BUILDING "C"

110 VAC -
MAIN PANEL
NORMAL POWER
BREAKER #9

TO MAIN HOSPITAL FACP
TO FACP NODE#3

SYMBOLS		
SYM.	DESCRIPTION	
	FIRE ALARM CONTROL PANEL	 SINGLE INPUT(RISER) SIGNAL MODULE
	FIRE ALARM CONTROL PANEL	 CONTROL RELAY MODULE
	SIGNAL POWER EXTENDER	 MULTI VOLTAGE CONTROL RELAYS
	GRAPHIC ANNUNCIATOR	 STROBE (CEILING)
	MANUAL PULL STATION	 CHIME STROBE (CEILING)
	INTELLIGENT SMOKE DETECTOR STANDARD DETECTOR BASE	 DOME LIGHT
	SMOKE DETECTOR WITH RELAY BASE DETECTOR BASE	 ELECTROMAGNETIC DOOR HOLDER
	INTELLIGENT AD MULTISENSOR DET. STANDARD DETECTOR BASE	 TAMPER SWITCH
	HEAT DETECTOR WITH RELAY BASE RELAY DETECTOR BASE	 FLOW SWITCH
	HEAT DETECTOR STANDARD DETECTOR BASE	 DRY EXTINGUISHING SYSTEM
	HEAT DETECTOR DETECTOR THERMIQUE	 EXISTING
	DUAL INPUT MODULE	 CALL OUT
	SINGLE INPUT MODULE	 END OF LINE RESISTOR

WIRE LEGEND		
CALL OUT	DESCRIPTION	
A	2#16 THN	TWISTED PIGTAIL WIRE 2 CONDUCTORS 16 THN 020VIE100-S
P	2#16 THN	ADDRESSABLE LOOP (DATA)
Z	2#16 THN	TWISTED PIGTAIL WIRE 2 CONDUCTORS 16 THN 020VIE100-S
		POWER (NON RESET)
		NETWORK (ANNUNCIATOR)
		STRANDED COPPER 600 VOLT E-91583-W RED D4-437.090
		VISIBLE CIRCUIT (STROBE) AVAILABLE CIRCUIT (CHIME)
		TWISTED PIGTAIL WIRE 2 CONDUCTORS 16 THN 020VIE100-S
D	2#14 THHN	DOOR HOLDER POWER
		STRANDED COPPER 600 VOLT E-91583-W
P	2#14 THHN	DOME LIGHT

APPROVED

NOV 27 2001

OFFICE OF STATEWIDE HEALTH
PLANNING & DEVELOPMENT
DIV. OF FACIL. DEVELOPMENT
LOS ANGELES, CA 90012

OSHPD # SL-010322-19A

REVISION	DATE	DR
△ OSHPD CORRECTION	11/20/01	SH
△ OSHPD CORRECTION	08/09/01	
△ OSHPD CORRECTION	07/11/01	
△ FIELD CORRECTION	01/23/01	
△ FIELD CORRECTION	10-05-00	
FIRST RELEASE	09-10-00	CAD HID FIL

44900 N. 60th ST. WEST
Lancaster CA, 93536

FIRE
 ALARM
 FA-R2
 RISER
 DIAGRAM

SERVER/PROJ.FILES 2000/
DESERT HOSPITAL.DWG
RISER-BB-BC-BD.DWG



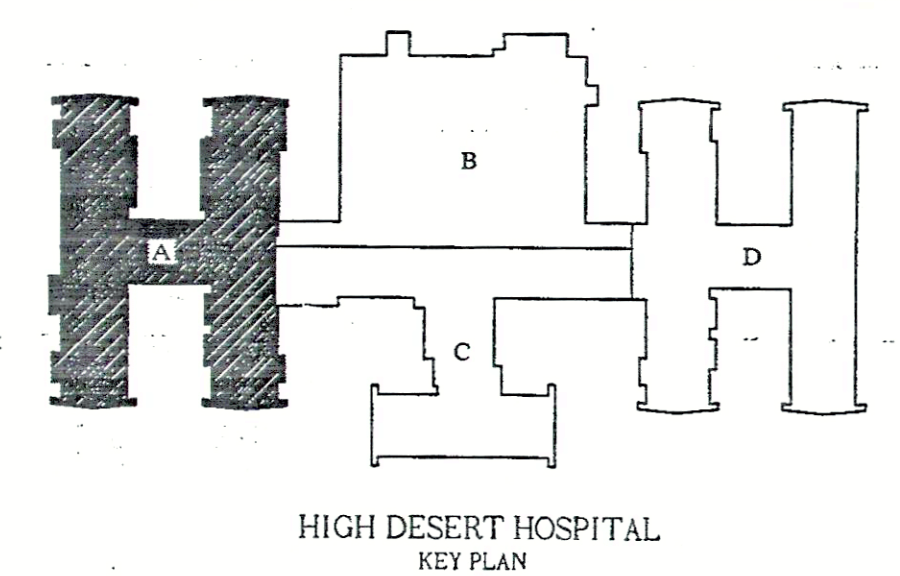
SYMBOLS	
SYM	DESCRIPTION
[FACP]	FIRE ALARM CONTROL PANEL
[SPE]	SIGNAL POWER EXTENDER
[ANN]	GRAPHIC ANNUNCIATOR
[F]	MANUAL PULL STATION
[SD]	INTELLIGENT SMOKE DETECTOR STANDARD DETECTOR BASE
[SDR]	SMOKE DETECTOR WITH RELAY BASE RELAY DETECTOR BASE
[SDI]	INTELLIGENT 4D MULTISENSOR DET. STANDARD DETECTOR BASE
[HTR]	HEAT DETECTOR WITH RELAY BASE RELAY DETECTOR BASE
[HDT]	HEAT DETECTOR STANDARD DETECTOR BASE
[HTM]	HEAT DETECTOR THERMISTIC
[DT-2]	DUAL INPUT MODULE
[SI-1]	SINGLE INPUT MODULE
[SI-R]	SINGLE INPUT(RISER) SIGNAL MODULE
[CRM]	CONTROL RELAY MODULE
[MVC]	MULTI VOLTAGE CONTROL RELAYS
[SCE]	STROBE (CEILING)
[SCE]	STROBE (CEILING)
[CSCE]	CHIME STROBE (CEILING)
[CSCE]	CHIME STROBE (CEILING)
[L&B]	LIGHT & BUZZER
[DL]	DOME LIGHT
[EX]	ELECTROMAGNETIC DOOR HOLDER
[TS]	TAMPER SWITCH
[FS]	FLOW SWITCH
[ANSUL]	DRY EXTINGUISHING SYSTEM
[EX]	EXISTING
[C]	CALL OUT
[ELR]	END OF LINE RESISTOR

WIRE LEGEND	
CALL OUT	DESCRIPTION
A	2#16 TPN TWISTED FIXTURE WIRE 2 CONDUCTORS ADDRESSABLE LOOP (DATA)
P	2#16 TPN TWISTED FIXTURE WIRE 2 CONDUCTORS POWER (NON RESET) NETWORK (ANNUNCIATOR)
Z	2#16 TPN TWISTED FIXTURE WIRE 2 CONDUCTORS 16 TPN 02BUYE100-S
V	2#14 THHN STRANDED COPPER 600 VOLT E-51583-W RED DU-437,065 BLACK DU-437,090 VISIBLE CIRCUIT (STROBE) AUDIBLE CIRCUIT (CHIME)
D	2#14 THHN TWISTED FIXTURE WIRE 2 CONDUCTORS DOOR HOLDER POWER
P	2#14 THHN STRANDED COPPER 600 VOLT E-51583-W DOMESTIC LIGHT

SECTION "A" FIRST FLOOR
SCALE: 1/8"=1'-0"

APPROVED
NOV 27 2001

OFFICE OF STATEWIDE HEALTH
PLANNING & DEVELOPMENT
DIV. OF FACIL. DEVELOPMENT
LOS ANGELES, CA 90012

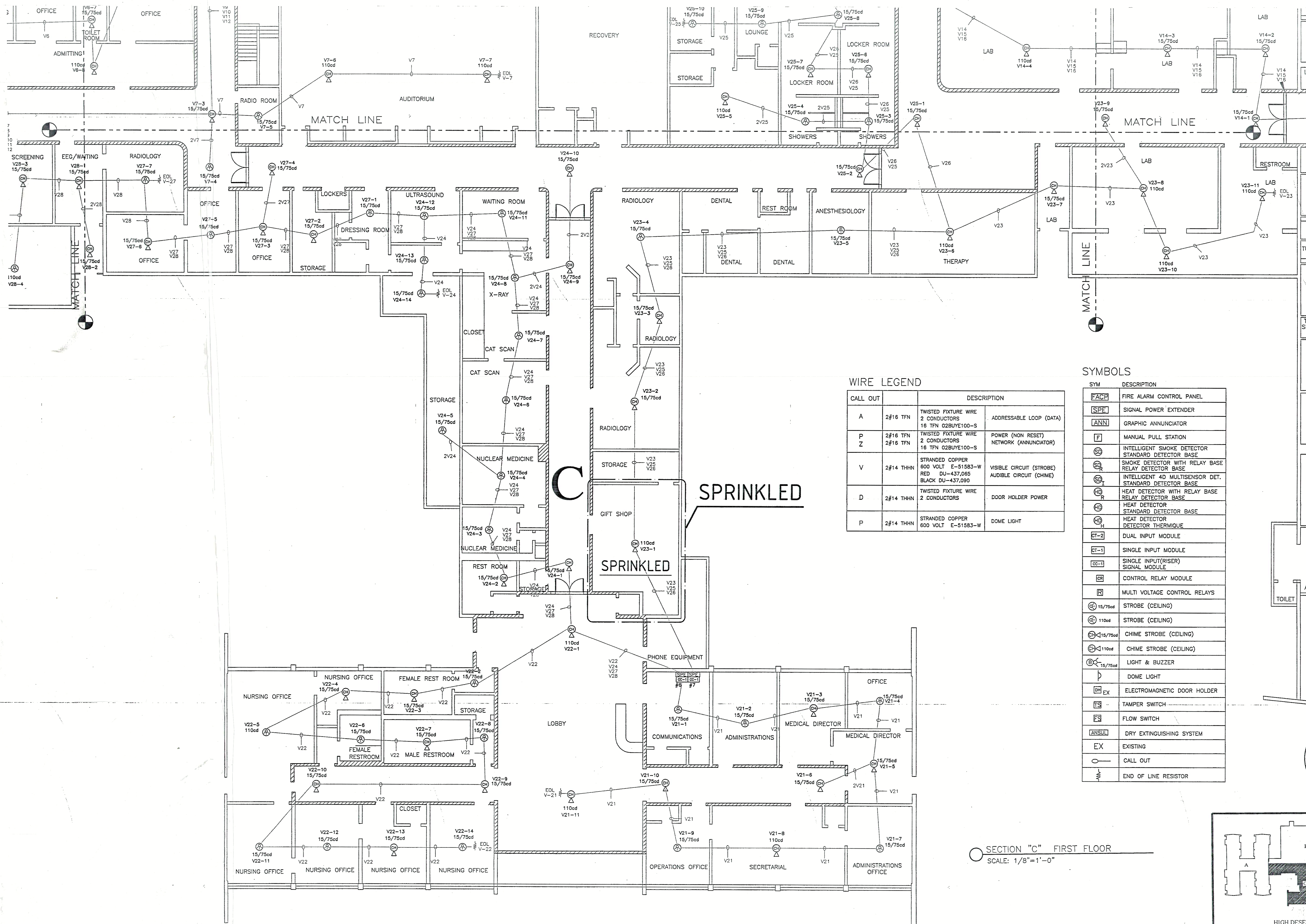


OSHPD # SL-010322-19A

REVISION	DATE	DRAWN	DOKHI
OSHPD CORRECTION	11/20/01		
OSHPD CORRECTION	08/09/01		
OSHPD CORRECTION	07/11/01		
FIELD CORRECTION	01/23/01		
FIELD CORRECTION	10-05-00		
FIRST RELEASE	09-10-00		

PROJECT: HIGH DESERT HOSPITAL
44900 N. 60th ST. WEST
Lancaster CA, 93536

SCALE: 1/8"=1'-0"
SHEET
FIRE ALARM
FA-A1



WIRE LEGEND

CALL OUT	DESCRIPTION
A	2#16 T/FN TWISTED FIXTURE WIRE 2 CONDUCTORS 16 T/FN 02BUYE100-S ADDRESSABLE LOOP (DATA)
P	2#16 T/FN TWISTED FIXTURE WIRE 2 CONDUCTORS 16 T/FN 02BUYE100-S POWER (NON RESET) NETWORK (ANNUNCIATOR)
V	2#14 THHN STRANDED COPPER 600 VOLT E-51583-W RED DU-437,065 BLACK DU-437,090 VISIBLE CIRCUIT (STROBE) AUDIBLE CIRCUIT (CHIME)
D	2#14 THHN TWISTED FIXTURE WIRE 2 CONDUCTORS DOOR HOLDER POWER
P	2#14 THHN STRANDED COPPER 600 VOLT E-51583-W DOME LIGHT

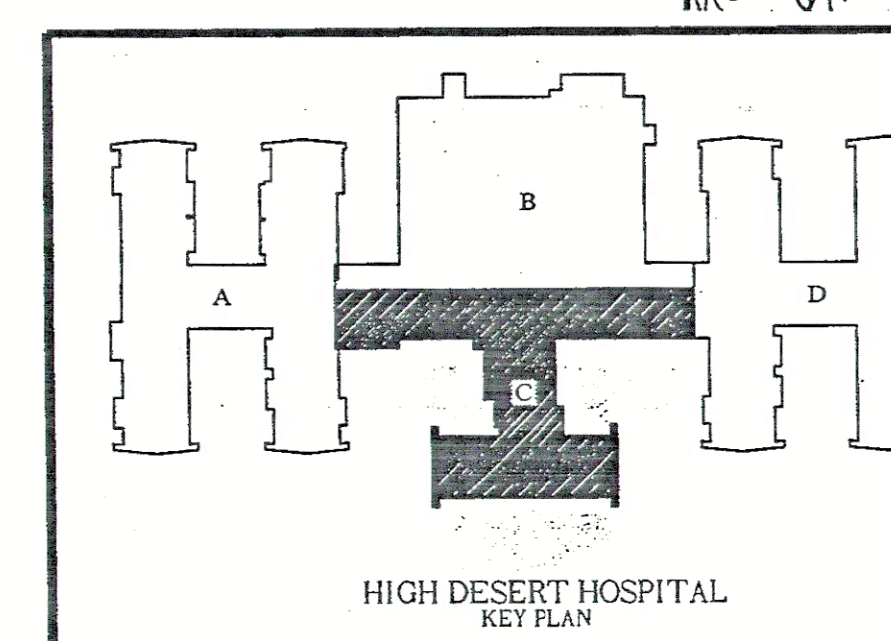
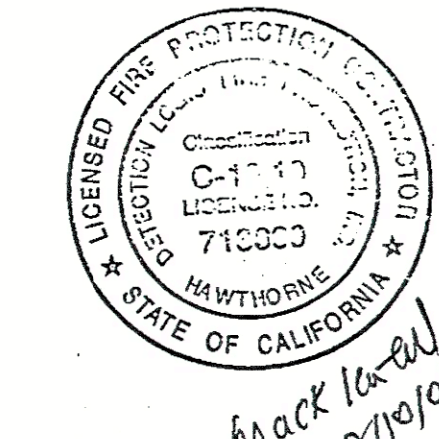
SYMBOLS

SYM	DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL
SPE	SIGNAL POWER EXTENDER
ANN	GRAPHIC ANNUNCIATOR
F	MANUAL PULL STATION
SD	INTELLIGENT SMOKE DETECTOR STANDARD DETECTOR BASE
SDR	SMOKE DETECTOR WITH RELAY BASE RELAY DETECTOR BASE
SDT	INTELLIGENT 4D MULTISENSOR DET. STANDARD DETECTOR BASE
HD	HEAT DETECTOR WITH RELAY BASE RELAY DETECTOR BASE
HD	HEAT DETECTOR STANDARD DETECTOR BASE
HD	HEAT DETECTOR DETECTOR THERMIST
DT-2	DUAL INPUT MODULE
DT-1	SINGLE INPUT MODULE
CS-1	SINGLE INPUT(RISER) SIGNAL MODULE
CR	CONTROL RELAY MODULE
MR	MULTI VOLTAGE CONTROL RELAYS
15/75cd	STROBE (CEILING)
110cd	STROBE (CEILING)
15/75cd	CHIME STROBE (CEILING)
110cd	CHIME STROBE (CEILING)
15/75cd	LIGHT & BUZZER
D	DOME LIGHT
EX	ELECTROMAGNETIC DOOR HOLDER
TS	TAMPER SWITCH
ES	FLOW SWITCH
ANSUL	DRY EXTINGUISHING SYSTEM
EX	EXISTING
○	CALL OUT
—	END OF LINE RESISTOR

SECTION "C" FIRST FLOOR
SCALE: 1/8"=1'-0"

APPROVED
NOV 27 2001

OFFICE OF STATEWIDE HEALTH
PLANNING & DEVELOPMENT
DIV. OF FACIL. DEVELOPMENT
LOS ANGELES, CA 90012



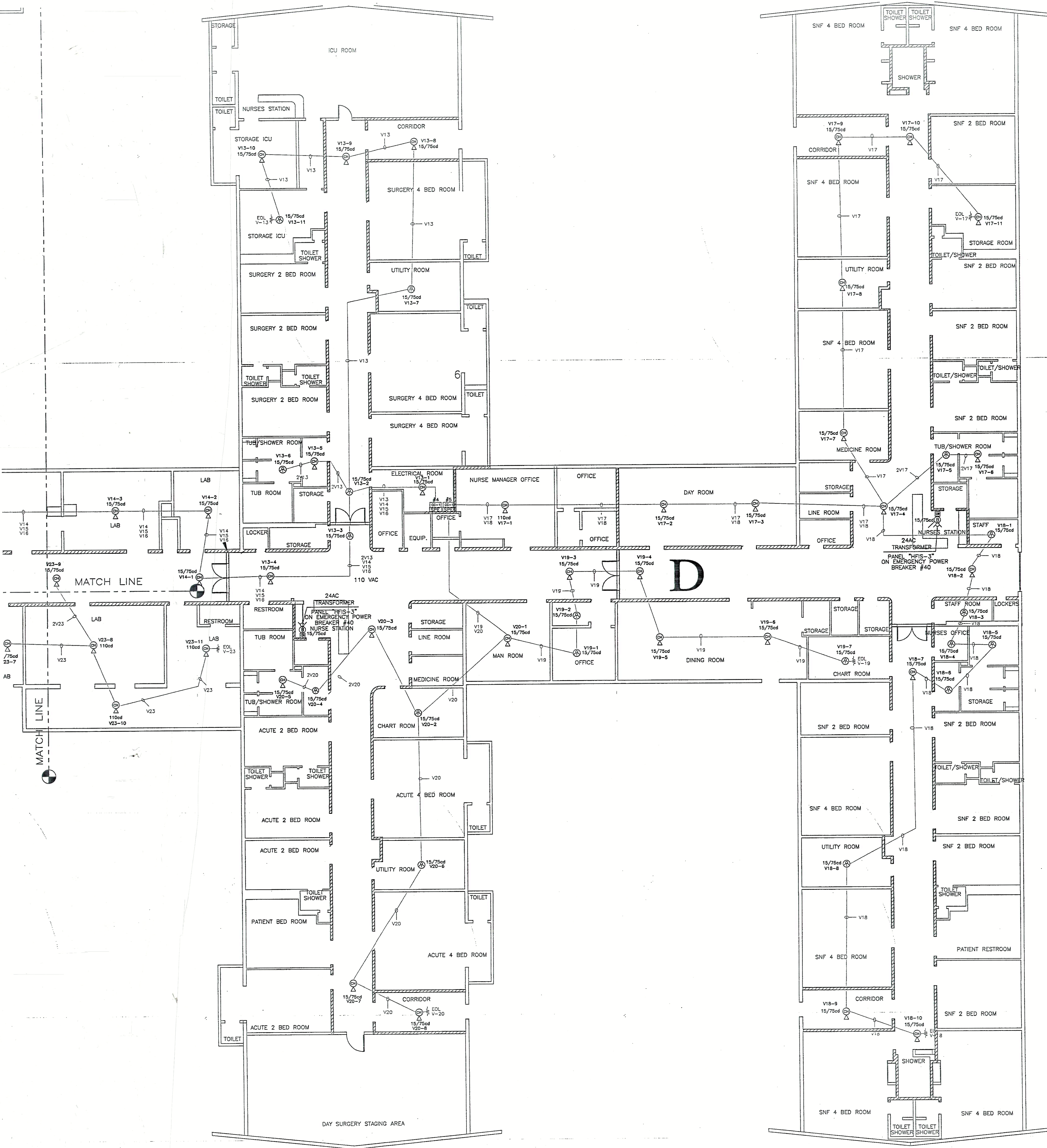
HIGH DESERT HOSPITAL
KEY PLAN

OSHPD # SL-010322-19A	
REVISION	DATE
 OSHPD CORRECTION	11/20/01
 OSHPD CORRECTION	08/09/01
 OSHPD CORRECTION	07/11/01
 FIELD CORRECTION	01/23/01
 FIELD CORRECTION	10-05-00
FIRST RELEASE	09-10-00

PROJECT: HIGH DESERT HOSPITAL
44900 N. 60th ST. WEST
Lancaster CA, 93536

FIRE ALARM
FA-C1

OSHPD SERVICE/FILES 2000
HIGH DESERT HOSPITAL
FILE FIRE_alarm_Smokehead.dwg



SYMBOLS

SYM	DESCRIPTION
[FACP]	FIRE ALARM CONTROL PANEL
[SPE]	SIGNAL POWER EXTENDER
[ANN]	GRAPHIC ANNUNCIATOR
[F]	MANUAL PULL STATION
[SD]	INTELLIGENT SMOKE DETECTOR
[SD]	STANDARD DETECTOR BASE
[SD]	SMOKE DETECTOR WITH RELAY BASE
[SD]	RELAY DETECTOR BASE
[SD]	INTELLIGENT 4D MULTISENSOR DET.
[SD]	STANDARD DETECTOR BASE
[HD]	HEAT DETECTOR WITH RELAY BASE
[HD]	RELAY DETECTOR BASE
[HD]	HEAT DETECTOR
[HD]	STANDARD DETECTOR BASE
[HD]	HEAT DETECTOR
[HD]	DETECTOR THERMISTOR
[DT-2]	DUAL INPUT MODULE
[DT-1]	SINGLE INPUT MODULE
[CO-1]	SINGLE INPUT (RISER) SIGNAL MODULE
[CR]	CONTROL RELAY MODULE
[M]	MULTI VOLTAGE CONTROL RELAYS
[15/75cd]	STROBE (CEILING)
[110cd]	STROBE (CEILING)
[15/75cd]	CHIME STROBE (CEILING)
[110cd]	CHIME STROBE (CEILING)
[15/75cd]	LIGHT & BUZZER
[D]	DOME LIGHT
[EX]	ELECTROMAGNETIC DOOR HOLDER
[TS]	TAMPER SWITCH
[FS]	FLOW SWITCH
[LANSUL]	DRY EXTINGUISHING SYSTEM
[EX]	EXISTING
[C]	CALL OUT
[EOL]	END OF LINE RESISTOR

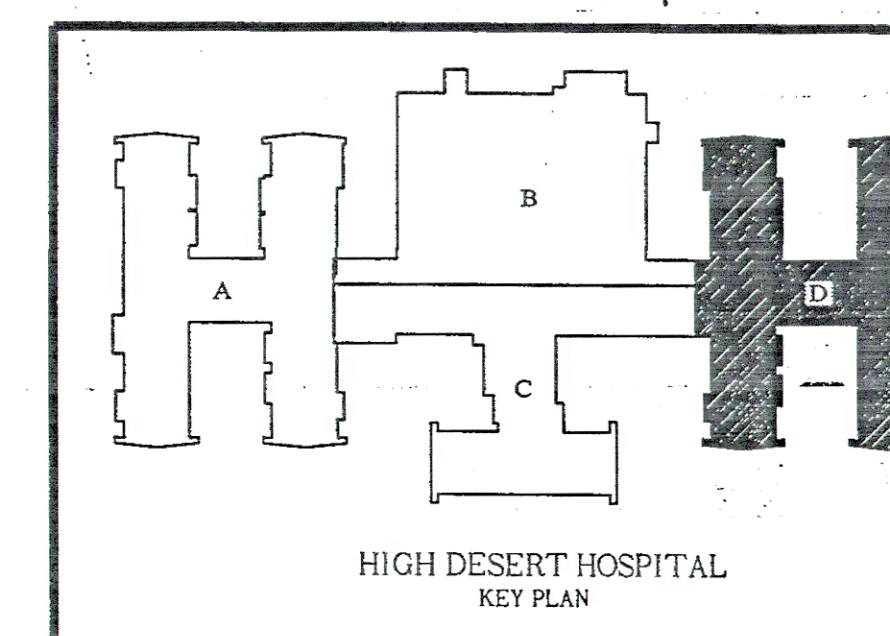
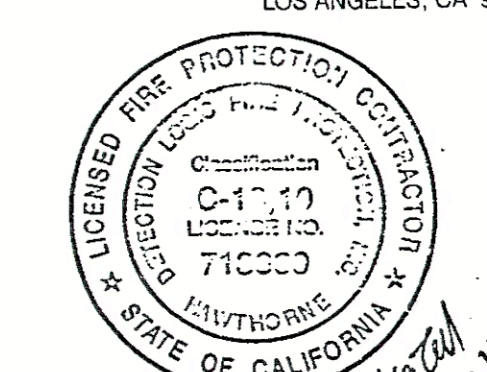
WIRE LEGEND

CALL OUT	DESCRIPTION
A	2#16 TFN TWISTED FIXTURE WIRE 2 CONDUCTORS 16 TFN 02BUYE100-S ADDRESSABLE LOOP (DATA)
P	2#16 TFN TWISTED FIXTURE WIRE 2 CONDUCTORS 16 TFN 02BUYE100-S POWER (NON RESET) NETWORK (ANNUNCIATOR)
Z	2#16 TFN TWISTED FIXTURE WIRE 2 CONDUCTORS 16 TFN 02BUYE100-S VISIBLE CIRCUIT (STROBE) AUDIBLE CIRCUIT (CHIME)
V	2#14 THHN STRANDED COPPER 600 VOLT E-51583-W RED DU-437,065 BLACK DU-437,090
D	2#14 THHN TWISTED FIXTURE WIRE 2 CONDUCTORS DOOR HOLDER POWER
P	2#14 THHN STRANDED COPPER 600 VOLT E-51583-W DOVE LIGHT

APPROVED

NOV 27 2001

OFFICE OF STATEWIDE HEALTH
PLANNING & DEVELOPMENT
DIV. OF FACILITY DEVELOPMENT
LOS ANGELES, CA 90012



HIGH DESERT HOSPITAL
KEY PLAN

OSHPD # SL-010322-19A

REVISION DATE

OSHPD CORRECTION 11/20/01

OSHPD CORRECTION 08/09/01

OSHPD CORRECTION 07/11/01

FIELD CORRECTION 01/23/01

FIELD CORRECTION 10-05-00

FIRST RELEASE 09-10-00

SCALE 1/8"=1'-0"

DRAWN DOKHI

SHEET

FIRE ALARM

FA-D1

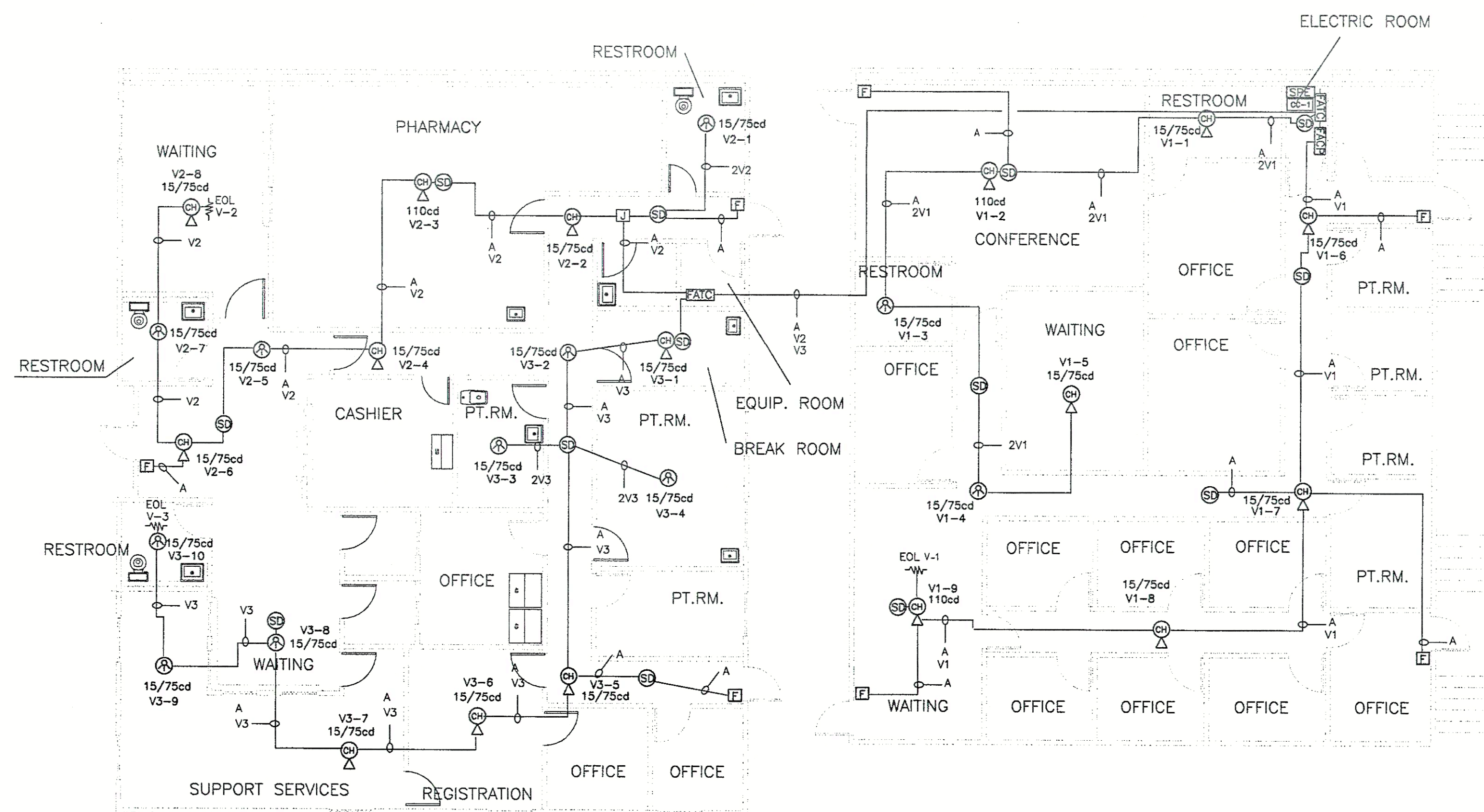
CAD SERVICES/PROFILES 2000/

HIGH DESERT HOSPITAL.DWG

FILE:Firealarm_Schematic.dwg

SECTION "D" FIRST FLOOR

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



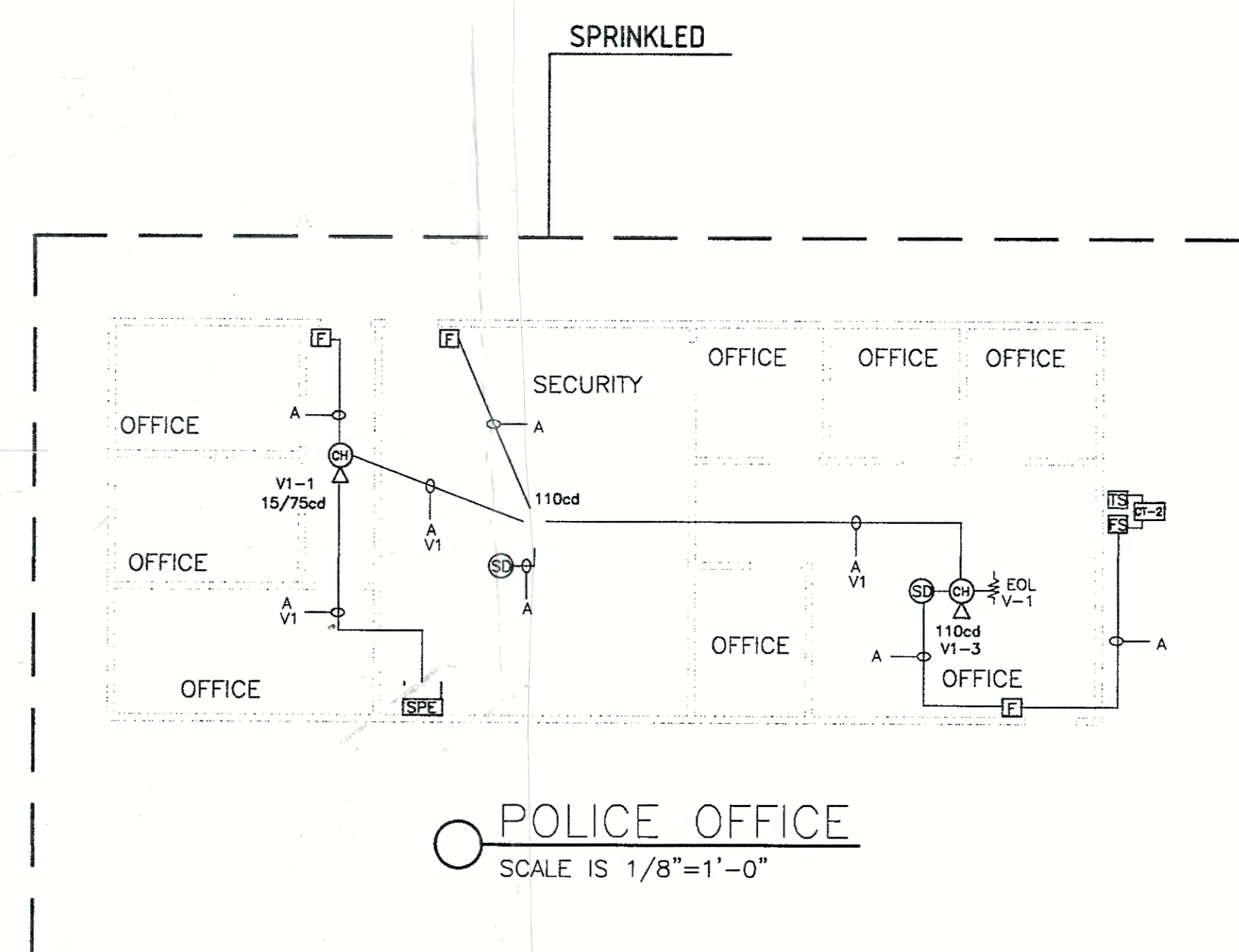
○ PHARMACY
SCALE IS 1/8"=1'-0"

○ FAMILY PRACTICE
SCALE IS 1/8"=1'-0"

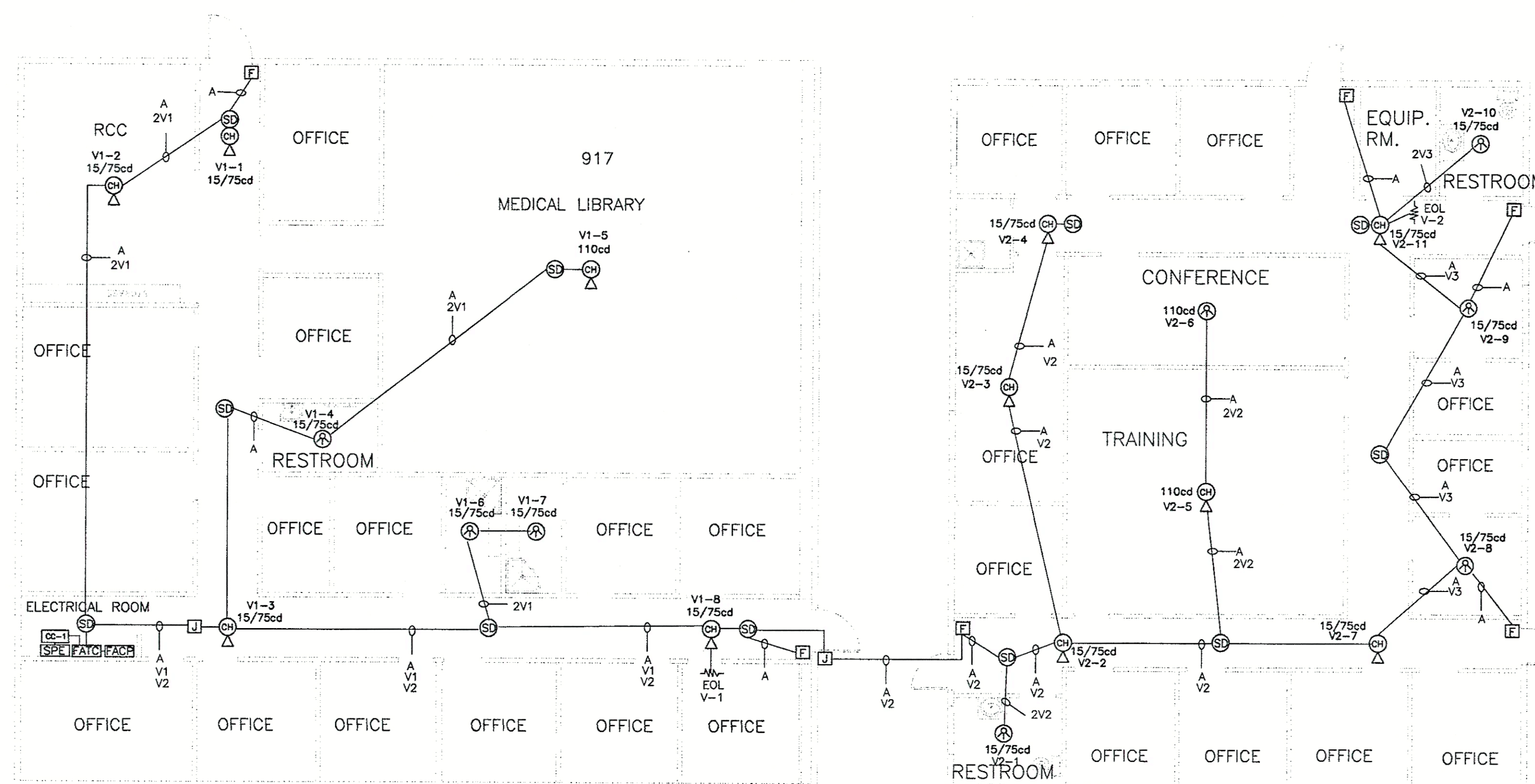
SYM	DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL
SPE	SIGNAL POWER EXTENDER
ANN	GRAPHIC ANNUNCIATOR
F	MANUAL PULL STATION
SD	INTELLIGENT SMOKE DETECTOR STANDARD DETECTOR BASE
SR	SMOKE DETECTOR WITH RELAY BASE RELAY DETECTOR BASE
SDT	INTELLIGENT 4D MULTISENSOR DET. STANDARD DETECTOR BASE
HD	HEAT DETECTOR WITH RELAY BASE RELAY DETECTOR BASE
HT	HEAT DETECTOR STANDARD DETECTOR BASE
HTH	HEAT DETECTOR THERMISTOR
DT-2	DUAL INPUT MODULE
DT-1	SINGLE INPUT MODULE
CC-1	SINGLE INPUT (RISER) SIGNAL MODULE
CR	CONTROL RELAY MODULE
MT	MULTI VOLTAGE CONTROL RELAYS
ST-15/75cd	STROBE (CEILING)
ST-110cd	STROBE (CEILING)
CS-15/75cd	CHIME STROBE (CEILING)
CS-110cd	CHIME STROBE (CEILING)
LB-15/75cd	LIGHT & BUZZER
DL	DOME LIGHT
Ex	ELECTROMAGNETIC DOOR HOLDER
TS	TAMPER SWITCH
FS	FLOW SWITCH
ANSL	DRY EXTINGUISHING SYSTEM
EX	EXISTING
CO	CALL OUT
ELR	END OF LINE RESISTOR

WIRE LEGEND

CALL OUT		DESCRIPTION	
A	2#16 TFN	TWISTED FIXTURE WIRE 2 CONDUCTORS 16 TFN 02BUYE100-S	ADDRESSABLE LOOP (D
P	2#16 TFN	TWISTED FIXTURE WIRE 2 CONDUCTORS 16 TFN 02BUYE100-S	POWER (NON RESET) NETWORK (ANNUNCIATOR)
V	2#14 THHN	STRANDED COPPER 600 VOLT E-51583-W RED DU-437,065 BLACK DU-437,090	VISIBLE CIRCUIT (STROB AUDIBLE CIRCUIT (CHIME)
D	2#14 THHN	TWISTED FIXTURE WIRE 2 CONDUCTORS	DOOR HOLDER POWER
P	2#14 THHN	STRANDED COPPER 600 VOLT E-51583-W	DOME LIGHT



○ POLICE OFFICE
SCALE IS 1/8"=1'-0"

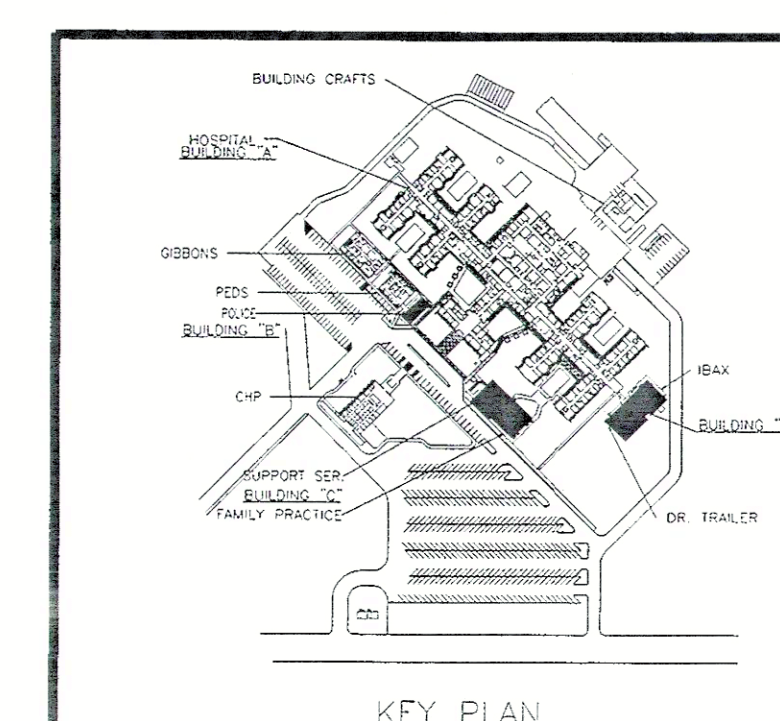


○ DR. TRAILER
SCALE IS 1/8"=1'-0"

○ IBAX
SCALE IS 1/8"=1'-0"

APPROVED
NOV 27 2001

OFFICE OF STATEWIDE HEALTH
PLANNING & DEVELOPMENT
DIV. OF FACIL. DEVELOPMENT
LOS ANGELES, CA 90012



OSHPD # SL-010322-19A

REVISION DATE

OSHPD CORRECTION 11/20/01

OSHPD CORRECTION 08/09/01

OSHPD CORRECTION 07/11/01

FIELD CORRECTION 01/23/01

FIELD CORRECTION 10-05-00

FIRST RELEASE 09-10-00

PROJECT: HIGH DESERT HOSPITAL
44900 N. 60th ST. WEST
Lancaster CA, 93536

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

DRAWN DOKHI

SHEET FIRE ALARM

FA-B,D,C

CAD SERVER/PROFILES 2000/

HIGH DESERT HOSPITAL/

BUILDING-BLD ST. & SD.DWG

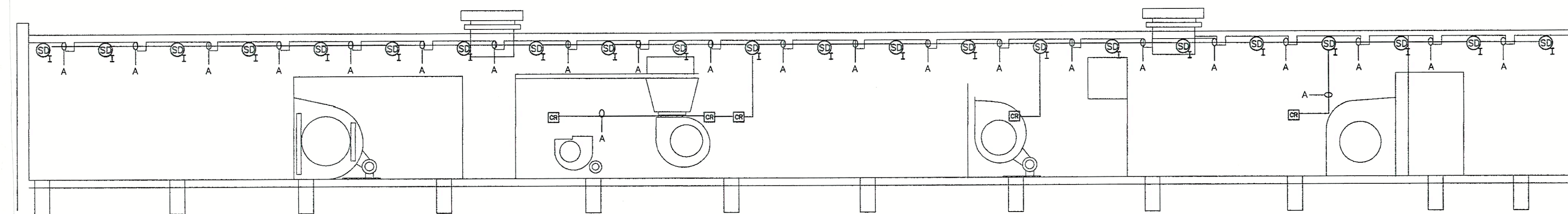
FILE

SYMBOLS

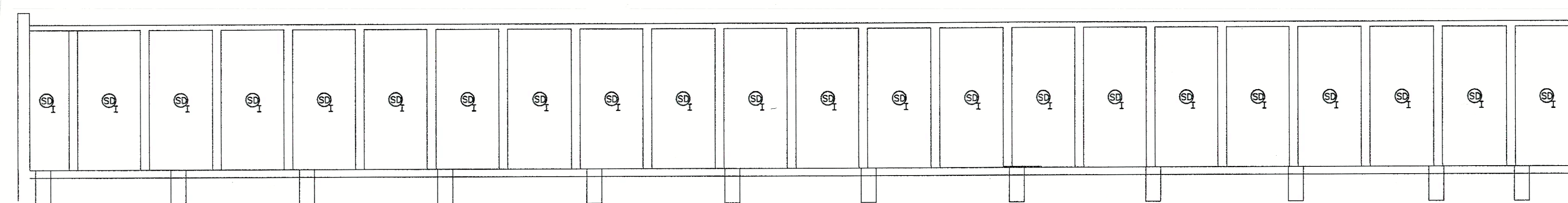
SYM	DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL
SPF	SIGNAL POWER EXTENDER
ANN	GRAPHIC ANNUNCIATOR
F	MANUAL PULL STATION
SD	INTELLIGENT SMOKE DETECTOR STANDARD DETECTOR BASE
SR	SMOKE DETECTOR WITH RELAY BASE RELAY DETECTOR BASE
SD ₄	INTELLIGENT 4D MULTISENSOR DET. STANDARD DETECTOR BASE
HR	HEAT DETECTOR WITH RELAY BASE RELAY DETECTOR BASE
HR	HEAT DETECTOR STANDARD DETECTOR BASE
HR	HEAT DETECTOR DETECTOR THERMISTOR
ST-2	DUAL INPUT MODULE
ST-1	SINGLE INPUT MODULE
ST-1	SINGLE INPUT(RISER) SIGNAL MODULE
CR	CONTROL RELAY MODULE
RV	MULTI VOLTAGE CONTROL RELAYS
15/75cd	STROBE (CEILING)
110cd	STROBE (CEILING)
15/75cd	CHIME STROBE (CEILING)
110cd	CHIME STROBE (CEILING)
15/75cd	LIGHT & BUZZER
DL	DOME LIGHT
EX	ELECTROMAGNETIC DOOR HOLDER
TS	TAMPER SWITCH
FS	FLOW SWITCH
ANSUL	DRY EXTINGUISHING SYSTEM
EX	EXISTING
CO	CALL OUT
EL	END OF LINE RESISTOR

WIRE LEGEND

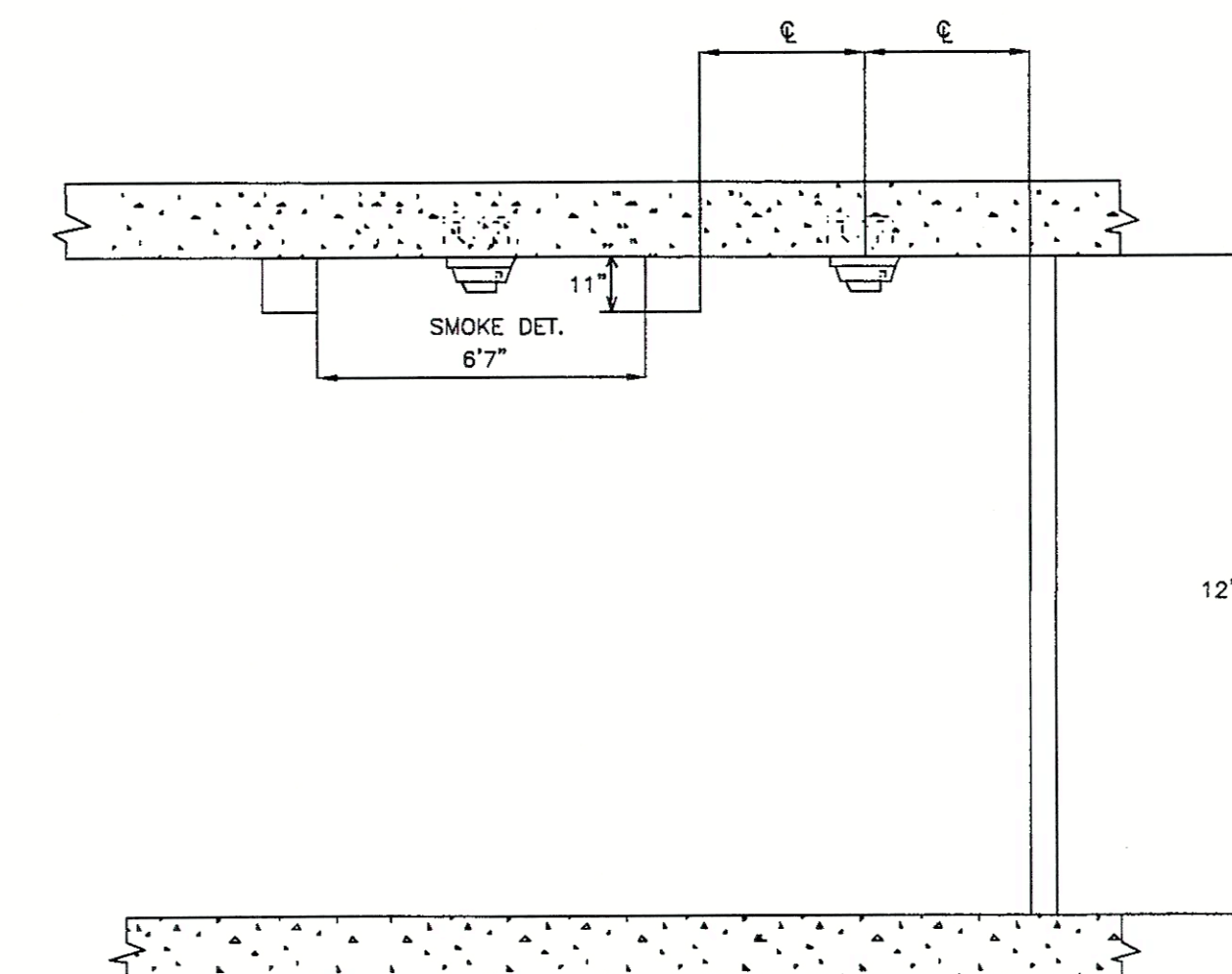
CALL OUT		DESCRIPTION
A	2#16 TFN 2 CONDUCTORS 16 TFN 02BUYE100-S	TWISTED FIXTURE WIRE ADDRESSABLE LOOP (DATA)
P Z	2#16 TFN 2 CONDUCTORS 16 TFN 02BUYE100-S	TWISTED FIXTURE WIRE POWER (NON RESET) NETWORK (ANNUNCIATOR)
V	2#14 THHN STRANDED COPPER 600 VOLT E-51583-W RED DU-437,065 BLACK DU-437,090	VISIBLE CIRCUIT (STROBE) AUDIBLE CIRCUIT (CHIME)
D	2#14 THHN TWISTED FIXTURE WIRE 2 CONDUCTORS	DOOR HOLDER POWER
P	2#14 THHN STRANDED COPPER 600 VOLT E-51583-W	DOME LIGHT



PENTHOUSE AIR CONDITIONING ROOM
SCALE IS 1/8"=1'-0"



TOP VIEW
SCALE IS 1/8"=1'-0"



ELEVATION
NOT TO SCALE



APPROVED

NOV 27 2001

OFFICE OF STATEWIDE HEALTH
PLANNING & DEVELOPMENT
DIV. OF FACILITY DEVELOPMENT
LOS ANGELES, CA 90012

OSHDP # SL-010322-19A

REVISION DATE

OSHDP CORRECTION 11/20/01

OSHDP CORRECTION 08/09/01

OSHDP CORRECTION 07/11/01

FIELD CORRECTION 01/23/01

FIELD CORRECTION 10-05-00

FIRST RELEASE 09-10-00

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

DRAWN DOKHI

SHEET

FIRE

ALARM

FA-PH

CAD SERVER/PROFILES 2000
HIGH DESERT HOSPITAL
Penthouse-Air-Rm DWG
FILE

PROJECT: HIGH DESERT HOSPITAL
44900 N. 60th ST. WEST
Lancaster CA, 93536

DETECTION LOGIC FIRE PROTECTION



○ HIGH DESERT HOSPITAL PLOT PLAN
SCALE IS N.T.S.

PROJECT: HIGH DESERT HOSPITAL
44900 N. 60th ST. WEST
Lancaster CA, 93536

DRAWN LC

REVISION	DATE	SHEET
		FIRE ALARM FA-PP
△ OSHPD CORRECTION	01/23/01	
△ OSHPD CORRECTION	10-05-00	
FIRST RELEASE	09-10-00	

CAD SURVEY/PROJ FILES 2000/
HIGH DESERT HOSPITAL/
FILE PLOT PLANDWG