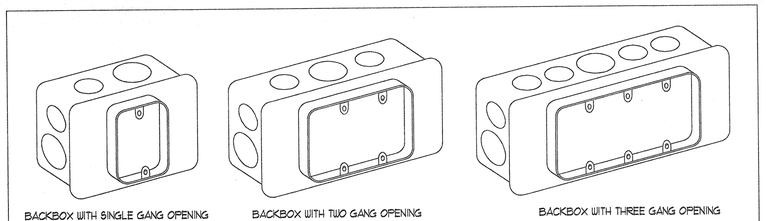
SYMBOL SCHEDULE

SYMBOL	MOUNTING	DESCRIPTION
GRAPHIC SYMBOLS:		COMPARE WITH SYMBOLS ON ARCHITECTURAL DRAWINGS: IF SYMBOLS VARY, CONTACT ARCHITECT/ENGINEER FOR CLARIFICATION.
5 / E-1		DETAIL REFERENCE: 5 INDICATES DETAIL NUMBER, E-1 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
5 / E-1		ELEVATION OR SECTION REFERENCE: 5 INDICATES ELEVATION OR SECTION NUMBER, E-1 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
101		ROOM OR SPACE NUMBER.
CU-1		EQUIPMENT NUMBER.
1		ELECTRICAL NOTE.
1		REVISION NUMBER.
		DASHED LINE: EXISTING WIRING OR CONSTRUCTION.
		PROPERTY LINES, BOUNDRY LINES.
		BREAK LINE: TO BREAK OFF PARTS OF DRAWING.
		WIRING CONCEALED IN CEILING OR WALL.
		WIRING CONCEALED IN FLOOR.
		FLEXIBLE WIRING.
A-13,5		BRANCH CIRCUIT HOME RUN TO PANEL BOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. CROSS LINES INDICATE NUMBER OF CONDUCTORS OR CABLES. FOR BRANCH WIRING, CROSS LINES INDICATE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN SECTION 16120.
		WIRING TURNED UP OR TOWARDS OBSERVER.
		WIRING TURNED DOWN OR AWAY FROM OBSERVER.
LIGHTING OUTLETS:		REFER TO THE LIGHTING FIXTURE SCHEDULE FOR FIXTURE SELECTIONS, VOLTAGE OF FIXTURE CONNECTION, LAMP AND BALLAST TYPES, AND MOUNTING CONDITION. REFER TO SHOP DRAWINGS AND PRODUCT DATA FOR INSTALLATION REQUIREMENTS. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS OF FIXTURE OUTLETS AND PENDENT LENGTHS. WHERE THE INFORMATION IS NOT SHOWN, VERIFY THE REQUIREMENTS WITH THE ARCHITECT/ENGINEER. REFER TO THE ARCHITECTURAL, STRUCTURAL, FIRE SPRINKLER, MECHANICAL, AND OTHER DRAWINGS FOR COORDINATING RECESSED DEPTH OF FIXTURES AS SHOWN IN THE SUBMITTALS. PRIOR TO ORDERING FIXTURES, VERIFY EACH OF THE ABOVE AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
✦	AS NOTED	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
(W-3)		FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
	CEILING	SURFACE OR PENDENT FIXTURE: POINT SOURCE.
	WALL	SURFACE OR BRACKET FIXTURE: POINT SOURCE.
	CEILING	SURFACE OR PENDENT FIXTURE: LINEAR SOURCE.
	CEILING	RECESSED FIXTURE: POINT SOURCE.
	CEILING	RECESSED FIXTURE: LINEAR SOURCE.
	POLE	POLE LIGHTING FIXTURE: SEE DETAIL.
	AS NOTED	FLOOD LIGHT OR TRACK LIGHT.
	CEILING, WALL	SURFACE OR PENDENT EXIT LIGHT: ARROWS INDICATE DIRECTION OF EGRESS.
B	CEILING, WALL	BLANKED OUTLET: PROVIDE OUTLET FOR FIXTURE FURNISHED IN SEPARATE CONTRACT.
NL		NIGHT LIGHT: DO NOT SWITCH.
EM		EMERGENCY LIGHT: WHERE A UNIT BATTERY PACK IS PROVIDED, CONNECT UNIT BATTERY PACK TO UNSWITCHED OR UNDIMMED PORTION OF CIRCUIT SHOWN.
PANELBOARDS, SWITCHBOARDS & RELATED EQUIPMENT:		REFER TO THE POWER RISER AND PANEL SCHEDULES FOR CONNECTION, OVERCURRENT AND RELATED DATA. REFER TO SHOP DRAWINGS AND PRODUCT DATA FOR INSTALLATION REQUIREMENTS. REFER TO THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, FIRE SPRINKLER AND OTHER DRAWINGS FOR COORDINATING LOCATION OF PANELBOARDS WITHIN THE REQUIREMENTS OF NEC 384-4. COORDINATE WALL DEPTHS PRIOR TO ORDERING EQUIPMENT.
	TOP @ 80"	FLUSH PANELBOARD WITH CABINET.
	TOP @ 80"	SURFACE PANELBOARD WITH CABINET.
	CONC. CURB	MAIN DISTRIBUTION PANEL OR SWITCHBOARD.
	AS NOTED	DISCONNECT SWITCH: "F" INDICATES FUSED DISCONNECT.
	AS NOTED	MOTOR OR OTHER POWER CONTROLLER.
	AS NOTED	COMBINATION SWITCH AND CONTROLLER.
$_{ST}	AS NOTED	TOGGLE MOTOR STARTER SWITCH WITH OVERLOAD PROTECTION.
M	AS REQUIRED	METER.
TELEPHONE/DATA SYSTEMS WIRING DEVICES:		MOUNTING HEIGHTS SHOWN ARE TYPICAL HEIGHTS. REFER TO RELATED SPECIFICATIONS, DIVISION 16 DRAWINGS, ARCHITECTURAL ELEVATIONS, DRAWINGS AND SPECIFICATIONS FOR ACTUAL MOUNTING HEIGHTS.
	18"	TELEPHONE OUTLET.
W	48"	TELEPHONE OUTLET: WALL PHONE.
	FLOOR	TELEPHONE OUTLET.
	18"	DATA OUTLET.
	WALL	TELEPHONE TERMINAL BOARD.

WIRING DEVICES:		REFER TO SECTION 16143 AND WIRING DEVICE SCHEDULES FOR WIRING DEVICE SELECTION AND INSTALLATION REQUIREMENTS. MOUNTING HEIGHTS SHOWN ARE TYPICAL HEIGHTS. REFER TO SECTION 16143, DIVISION 16 DRAWINGS, ARCHITECTURAL ELEVATIONS, DRAWINGS AND SPECIFICATIONS FOR ACTUAL MOUNTING HEIGHTS. SUPERSCRIPT INDICATES OUTLET CONTROLLED.
		JUNCTION BOX.
	18"	DUPLEX RECEPTACLE OUTLET: SEE SPEC.
	18"	FOURPLEX RECEPTACLE OUTLET: SEE SPEC.
$_{WP}$	18"	DUPLEX RECEPTACLE OUTLET, WEATHERPROOF: NEMA 5-20R.
$_{IG}$	18"	DUPLEX RECEPTACLE OUTLET, ISOLATED GROUND: NEMA 5-20R.
$_{GFI}$	18"	DUPLEX RECEPTACLE OUTLET, GFI: NEMA 5-20R.
	FLOOR	FLOOR DUPLEX OUTLET: NEMA 5-20R.
$_{DF}$	WALL	DRINKING FOUNTAIN OUTLET: CONCEAL WATER COOLER OUTLET BEHIND WATER COOLER. SEE DIVISION 15 SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
	AS NOTED	MULTI-OUTLET ASSEMBLY: NEMA 5-15R.
$	48"	SINGLE POLE SWITCH.
$3	48"	THREE WAY SWITCH.
$4	48"	FOUR WAY SWITCH.
SPECIAL OUTLETS:		REFER TO EQUIPMENT SCHEDULES FOR DESIGN CAPACITIES AND REQUIREMENTS PERTAINING TO CONNECTION WORK. PRIOR TO PURCHASING OR INSTALLING ELECTRICAL WORK, REFER TO EQUIPMENT SHOP DRAWINGS FOR MANUFACTURER'S INSTALLATION INSTRUCTIONS INCLUDING CONTROL WIRING, MOUNTING HEIGHTS, AND PLUG CONFIGURATIONS. MOUNTING HEIGHTS INDICATED IN THIS SCHEDULE ARE TYPICAL HEIGHTS. COORDINATE SHOP DRAWINGS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS, DIVISION 15 DRAWINGS AND SPECIFICATIONS.
	AS REQUIRED	MOTOR OUTLET.
F	AS REQUIRED	EXHAUST FAN OUTLET.
	AS NOTED	SPECIAL PURPOSE OUTLET.
P	AS NOTED	PHOTOCELL.
TV	AS NOTED	TELEVISION.
FIRE ALARM SYSTEMS:		REFER TO SECTION 16721 FOR DEVICE SELECTION AND INSTALLATION REQUIREMENTS. REFER TO SHOP DRAWINGS FOR ROUGH-IN AND WIRING DIAGRAMS. MOUNTING HEIGHTS SHOWN ARE TYPICAL HEIGHTS. REFER TO SECTION 16721, DIVISION 16 DRAWINGS, ARCHITECTURAL ELEVATIONS, DRAWINGS AND SPECIFICATIONS FOR ACTUAL MOUNTING HEIGHTS. LOCATION OF SMOKE DETECTORS SHALL BE SELECTED ACCORDING TO THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND NFPA STANDARDS.
FA	TOP @ 80"	FIRE ALARM PANEL, SEMI RECESSED.
F	48"	MANUAL PULL STATION.
S	CEILING/WALL	SMOKE DETECTOR.
DD	DUCT	DUCT DETECTOR.
D	CEILING/WALL	HEAT DETECTOR: COMBINATION FIXED AND RATE OF RISE.
FS	PIPE	WATER FLOW SWITCH: FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLER SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
TS	PIPE	TAMPER SWITCH: TAMPER SWITCHES SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLER SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
H	84"	ALARM HORNS, WITH PROJECTIONS AS SHOWN.
M	AS NOTED	MAGNETIC DOOR HOLDERS.
C	AS NOTED	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED TO BY DIVISION 16 INSTALLERS.
R	AS NOTED	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
NURSE'S CALL SYSTEMS		REFER TO SECTION 16750 FOR DEVICE SELECTION AND INSTALLATION REQUIREMENTS. REFER TO SHOP DRAWINGS FOR ROUGH-IN AND WIRING DIAGRAMS. MOUNTING HEIGHTS SHOWN ARE TYPICAL HEIGHTS. REFER TO SECTION 16750, DIVISION 16 DRAWINGS, ARCHITECTURAL ELEVATIONS, DRAWINGS AND SPECIFICATIONS FOR ACTUAL MOUNTING HEIGHTS.
P	54"	SINGLE PATIENT STATION: 3G BACKBOX.
P2	54"	DUAL PATIENT STATION, 3G BACKBOX.
D	54"	DUTY/STAFF STATION, 3G BACKBOX.
E	41"	EMERGENCY STATION W/PULL CORD, 1G BACKBOX.
C	41"	CODE BLUE STATION, 1G BACKBOX.
R	41"	NURSE LOCATE RECEIVE UNIT, 1G BACKBOX.
	ABOVE DOOR	DOME LIGHT ASSEMBLY, SEE SPEC.
FS	FLOOR	FOOT SWITCH
NCS	COUNTER	NURSES CONTROL STATION
EP		NURSES CALL EQUIPMENT PANEL.



BACKBOX DETAIL

DRAWING INDEX

SHEET #	DRAWING TITLE
E-0.0	TITLE SHEET/SYMBOLS
E-0.1	ONE-LINE DIAGRAM
E-0.2	ONE-LINE DIAGRAM CONT./NURSE'S CALL RISER
E-0.3	ELECTRICAL REQUIREMENTS SCHEDULE
E-0.4	PANEL SCHEDULES
E-0.5	FIXTURE SCHEDULE
E-2.1	MAIN LEVEL LIGHTING PLAN
E-2.2	BASEMENT LEVEL LIGHTING PLAN
E-3.1	MAIN LEVEL POWER PLAN
E-3.2	BASEMENT LEVEL POWER PLAN
E-4.1	MAIN LEVEL NURSE'S CALL PLAN
E-4.2	BASEMENT LEVEL NURSE'S CALL PLAN
E-5.1	MAIN LEVEL FIRE ALARM PLAN
E-5.2	BASEMENT LEVEL FIRE ALARM PLAN

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PHONE 801-328-5151
FAX 801-328-5155

DATE: APR. 7, 1993
JOB # 921230JJR
BY: JKC
REVISIONS

GUNNISON VALLEY HOSPITAL
ADDITION & REMODEL
GUNNISON UTAH

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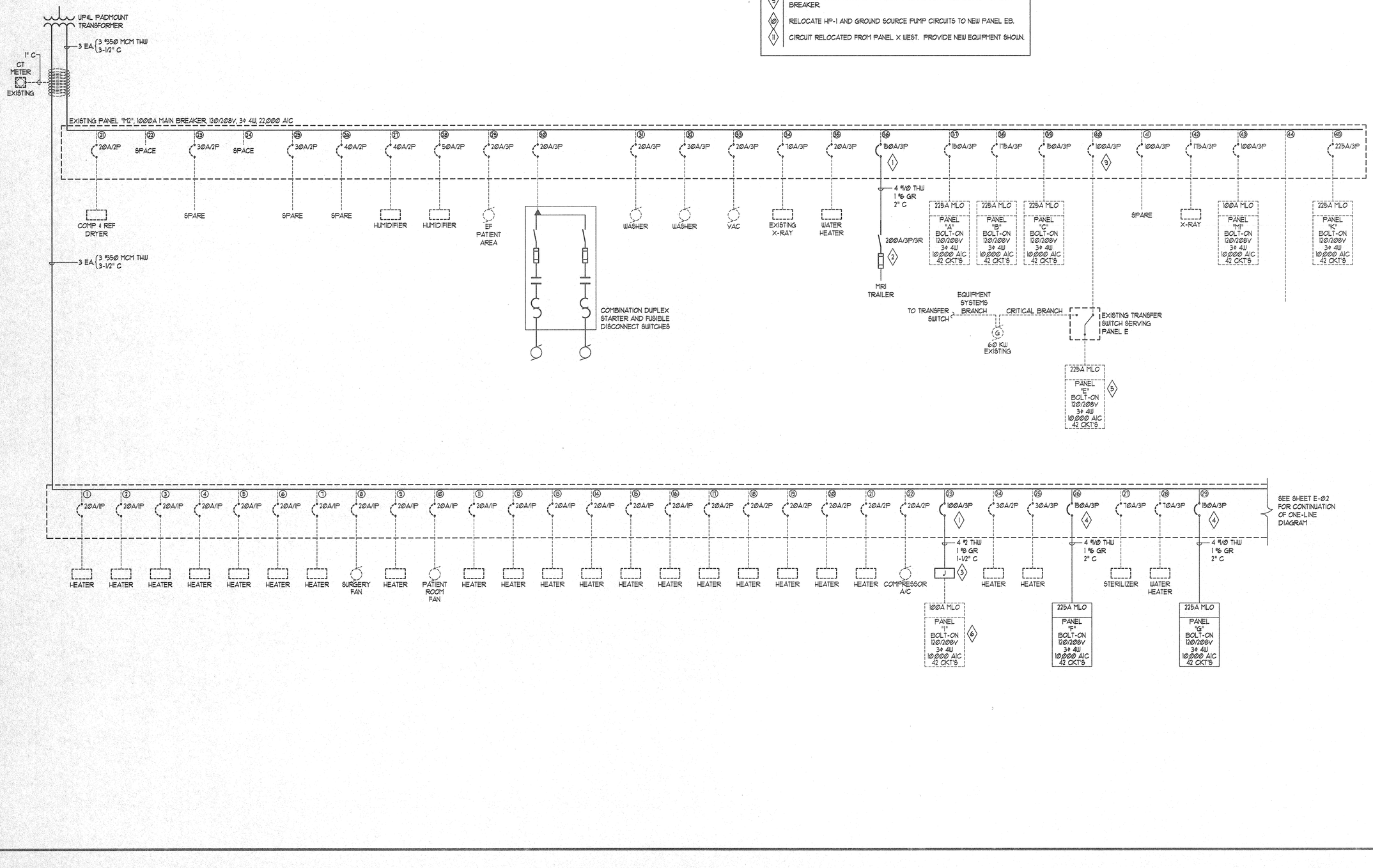
KEYED NOTES

1. PROVIDE NEW CIRCUIT BREAKER.
2. PROVIDE FUSIBLE SWITCH ADJACENT TO MRI TRAILER LOCATION FOR FUTURE CONNECTION.
3. REMOVE PANEL EH FEEDER FROM TRANSFER SWITCH AND SPLICE TO NEW FEEDER FROM PANEL H.
4. REPLACE EXISTING 20A/3P CIRCUIT BREAKER WITH NEW 150/3P CIRCUIT BREAKER.
5. ALL EXISTING LIFE SAFETY CIRCUITS SHALL BE REPLACED BY NEW CIRCUITS FROM PANEL E4.
6. EXISTING PANEL EH. RELABEL AS PANEL I.
7. REPLACE EXISTING 300A/3P CIRCUIT BREAKER WITH NEW 400A/3P CIRCUIT BREAKER.
8. REMOVE PANEL X EAST AND FEEDER.
9. REPLACE EXISTING 125A/3P CIRCUIT BREAKER WITH NEW 100A/3P CIRCUIT BREAKER.
10. RELOCATE HP-1 AND GROUND SOURCE PUMP CIRCUITS TO NEW PANEL EB.
11. CIRCUIT RELOCATED FROM PANEL X WEST. PROVIDE NEW EQUIPMENT SHOWN.



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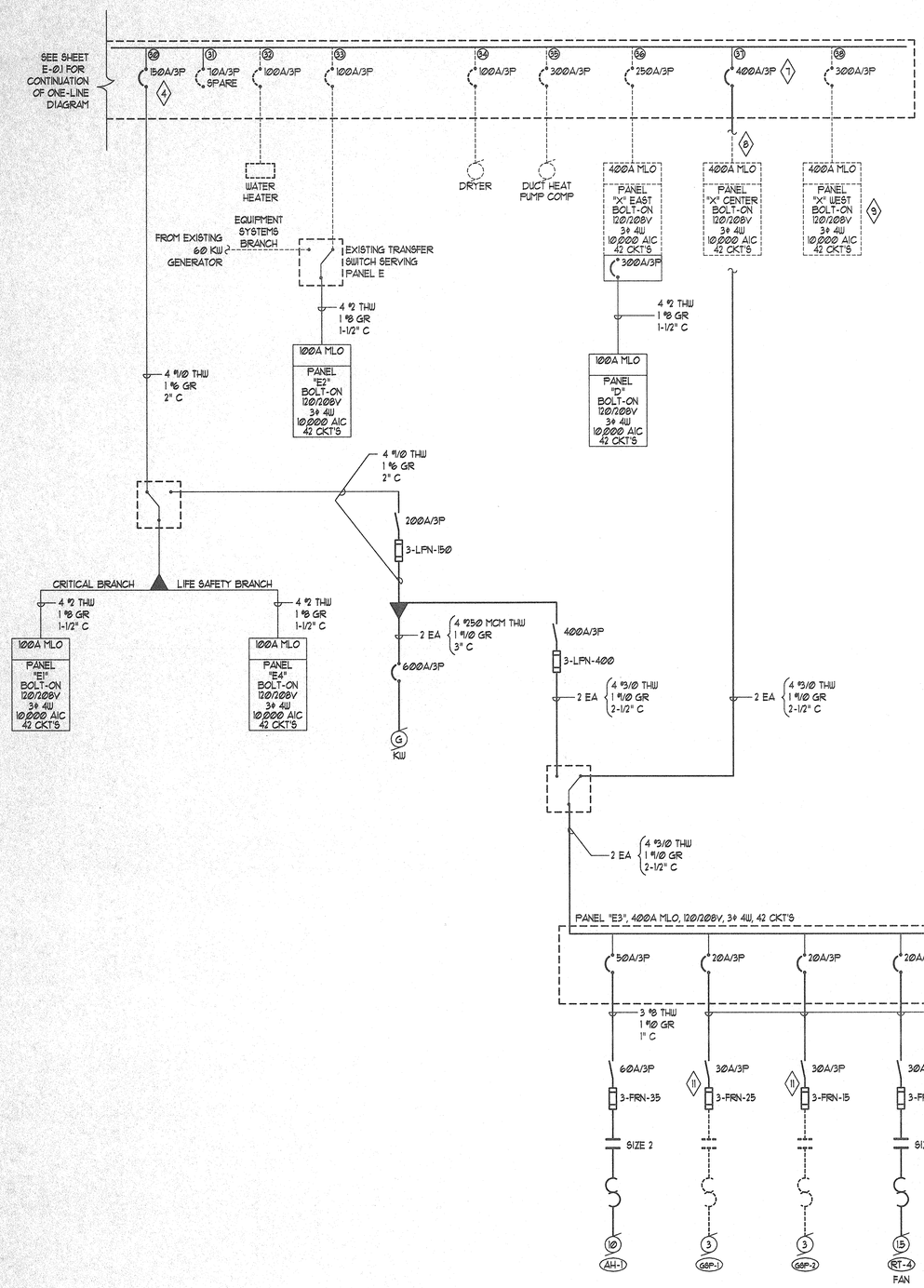

ONE-LINE DIAGRAM CONT.

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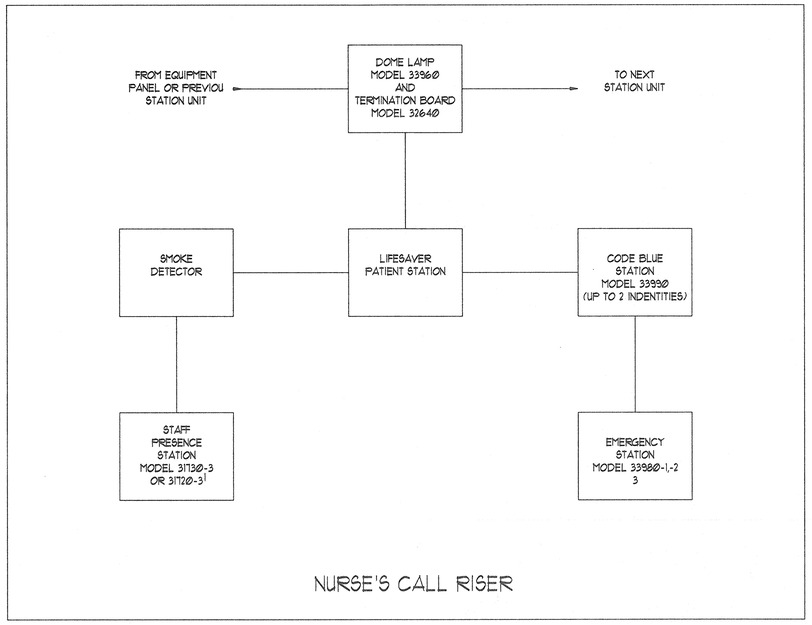

NURSE'S CALL RISER

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\JJR\921230\RISER_B
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LEGEND
E - DIVISION 16
Q - FURNISHED WITH THE EQUIPMENT
* - COORDINATE WITH THE DIVISION 15 TEMPERATURE CONTROL INSTALLER
** - AUTOMATIC CONTROL WIRING BY DIVISION 15.

ELECTRICAL REQUIREMENTS

EQUIP ID	QTY	DESCRIPTION	LOAD DATA HP	KW	MCA	FLA	VOLTAGE	PHASE	Hz	WIRE AND CONDUIT SIZE	OVERCURRENT PROTECTION FURNISHED BY	DEVICE	LOCATION	DISCONNECT FURNISHED BY	DEVICE	LOCATION	STARTER DATA FURNISHED BY	DEVICE	LOCATION	SIZE	SPEEDS	CONTROL VOLTAGE	SELECTOR SWITCH	PUSH BUTTON	PILOT LAMP	NO CONTACTS	NC CONTACTS	PHASE FAILURE RELAY	SCHEMATIC REFERENCE	REMOTE CONTROL	EQUIP ID	REMARKS
AH-1	-	AIR HANDLER	10	-	-	30.0	208	3	60	3 #8 THW, 1 #10 GR	E	50A/3P	PANEL	E	60A/3P	ADJ TO	E	FVNR	ADJ. TO	2	1	24	HOA	-	R	2	2	-	-	**	AH-1	CONTROLLED BY ATC PANEL IN MECH. 304 CONFIRM
		-								1" C		C/B	"E3"		3-FRN-35	EUQIP		-	EQUIP.													CONTROL VOLTAGE PRIOR TO INSTALLATION.
CU-1	-	CONDENSING	-	-	92.1	75.2	208	3	60	3 #2 THW, 1 #8 GR	E	-	-	E	100A/3P	ADJ TO	Q	-	-	-	-	-	-	-	-	-	-	-	**	CU-1	-
		UNIT								1/2" C		-	-		3-FRN-100	EQUIP.		-	-													-
CU-2	-	CONDENSING	-	-	14.5	-	208	1	60	2 #2 THW, 1 #2 GR	E	-	-	E	30A/2P	ADJ TO	Q	-	-	-	-	-	-	-	-	-	-	-	**	CU-2	-
		UNIT								1/2" C		-	-		2-FRN-15	EQUIP.		-	-													-
CU-3	-	CONDENSING	-	-	23.5	-	208	1	60	2 #10 THW, 1 #12 GR	E	-	-	E	30A/2P	ADJ TO	Q	-	-	-	-	-	-	-	-	-	-	-	**	CU-3	-
		UNIT								1/2" C		-	-		2-FRN-25	EQUIP.		-	-													-
CU-4	-	CONDENSING	-	-	14.5	-	208	1	60	2 #2 THW, 1 #2 GR	E	-	-	E	30A/2P	ADJ TO	Q	-	-	-	-	-	-	-	-	--	-	-	**	CU-4	-
		UNIT								1/2" C		-	-		2-FRN-15	EQUIP.		-	-													-
EF-1	-	EXHAUST FAN	1/6	-	-	-	120	1	60	2 #12 THW, 1 #12 GR	E	20A/1P	PANEL	E	THERMAL	ADJ TO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	EF-1	INTERCONNECT TO START WITH RESTROOM LIGHTING.
		-								1/2" C		C/B	-		SWITCH	EQUIP.		-	-													-
EF-2	-	EXHAUST FAN	1/3	-	-	-	120	1	60	2 #12 THW, 1 #12 GR	E	20A/1P	PANEL	E	THERMAL	ADJ TO	E	FVNR	ADJ TO	Ø	1	24	-	-	-	-	-	-	-	**	EF-2	CONTROLLED BY COMPUTER CONFIRM CONTROL VOLTAGE
		-								1/2" C		C/B	-		SWITCH	EQUIP.		-	EQUIP.													PRIOR TO INSTALLATION.
EF-3	-	EXHAUST FAN	1/6	-	-	-	120	1	60	2 #12 THW, 1 #12 GR	E	20A/1P	PANEL	E	THERMAL	ADJ TO	E	THERMOSTAT	WALL	-	-	-	-	-	-	-	-	-	E	EF-3	PROVIDE WALL MOUNTED COOLING TYPE LINE VOLTAGE
		-								1/2" C		C/B	-		SWITCH	EQUIP.		COOLING	-													THERMOSTAT.
EF-4	-	EXHAUST FAN	1/3	-	-	-	120	1	60	2 #12 THW, 1 #12 GR	E	20A/1P	PANEL	E	THERMAL	ADJ TO	E	-	-	-	-	-	-	-	-	-	-	-	E	EF-4	-
		-								1/2" C		C/B	-		SWITCH	EQUIP.		-	-													-
EF-5	-	EXHAUST FAN	1/6	-	-	-	120	1	60	2 #12 THW, 1 #12 GR	E	20A/1P	PANEL	E	THERMAL	ADJ TO	E	-	-	-	-	-	-	-	-	-	-	-	-	-	EF-5	INTERCONNECT TO START WITH SUN ROOM LIGHTING.
		-								1/2" C		C/B	-		SWITCH	EQUIP.		-	-													-
EF-6	-	EXHAUST FAN	1/6	-	-	-	120	1	60	2 #12 THW, 1 #12 GR	E	20A/1P	PANEL	E	THERMAL	ADJ TO	E	FVNR	ADJ TO	Ø	1	24	-	-	-	-	-	-	-	**	EF-6	CONTROLLED BY COMPUTER CONFIRM CONTROL VOLTAGE
		-								1/2" C		C/B	-		SWITCH	EQUIP.		-	EQUIP.													PRIOR TO INSTALLATION.
BB-1	-	BASEBOARD	-	-	-	6.3	120	1	60	2 #12 THW, 1 #12 GR	E	20A/1P	PANEL	-	-	-	Q	UNIT MOUNT	-	-	-	-	-	-	-	-	-	-	-	BB-1	-
		HEATER								1/2" C		C/B	-		-	-		THERMOSTAT	-													-
B-1	-	BOILER	-	-	-	4	120	1	60	2 #12 THW, 1 #12 GR	E	20A/1P	PANEL	E	THERMAL	ADJ TO	-	-	-	-	-	-	-	-	-	-	-	-	-	**	B-1	-
		-								1/2" C		C/B	-		SWITCH	EQUIP.		-	-													-
P-1	-	HW PUMP	1	-	-	-	208	3	60	3 #12 THW, 1 #12 GR	E	20A/3P	PANEL	E	30A/3P	ADJ TO	E	FVNR	ADJ. TO	Ø	1	24	HOA	-	R	2	2	-	-	**	P-1	CONTROLLED BY ATC. CONFIRM CONTROL VOLTAGE
		-								1/2" C		C/B	"E3"		3-FRN-5	EQUIP.		-	EQUIP.													PRIOR TO INSTALLATION.
RT-2	-	ROOFTOP UNIT	1	-	-	4.0	208	3	60	3 #12 THW, 1 #12 GR	E	20A/3P	-	E	30A/3P	ADJ TO	E	FVNR	ADJ. TO	Ø	1	24	HOA	-	R	2	2	-	-	**	RT-2	CONTROLLED BY ATC. CONFIRM CONTROL VOLTAGE
		FAN								1/2" C		C/B	-		3-FRN-5	EQUIP.		-	EQUIP.													PRIOR TO½ INSTALLATION.
RT-2	-	ROOFTOP UNIT	-	10.2	-	-	208	3	60	3 #8 THW, 1 #10 GR	E	-	-	E	30A/3P	ADJ TO	Q	-	-	-	-	-	-	-	-	-	-	-	**	RT-2	PROVIDE 1" CONDUIT BETWEEN UNIT AND ATC.
		HEATER								1" C		-	-		3-FRN-30	EQUIP.		-	-													-
RT-3	-	ROOFTOP UNIT	1.5	-	-	5.1	208	3	60	3 #12 THW, 1 #12 GR	E	-	-	E	30A/3P	ADJ TO	E	FVNR	ADJ. TO	Ø	1	24	HOA	-	R	2	2	-	-	**	RT-3	CONTROLLED BY ATC. CONFIRM CONTROL VOLTAGE
		FAN								1/2" C		-	-		3-FRN-7	EQUIP.		-	EQUIP.													PRIOR TO INSTALLATION.
RT-3	-	ROOFTOP UNIT	-	13.5	-	-	208	3	60	3 #8 THW, 1 #10 GR	E	-	-	E	60A/3P	ADJ TO	Q	-	-	-	-	-	-	-	-	-	-	-	**	RT-3	PROVIDE 1" CONDUIT BETWEEN UNIT AND ATC.
		HEATER								1" C		-	-		3-FRN-45	EQUIP.		-	-													-
RT-4	-	ROOFTOP UNIT	1.5	-	-	5.1	208	3	60	3 #12 THW, 1 #12 GR	E	20A/3P	PANEL	E	30A/3P	ADJ TO	E	FVNR	ADJ. TO	Ø	1	24	HOA	-	R	2	2	-	-	**	RT-4	CONTROLLED BY ATC. CONFIRM CONTROL VOLTAGE
		FAN								1/2" C		C/B	"E3"		3-FRN-7	EQUIP.		-	EQUIP.													PRIOR TO INSTALLATION.
RT-4	-	ROOFTOP UNIT	-	14.1	-	-	208	3	60	3 #8 THW, 1 #10 GR	E	50A/3P	PANEL	E	60A/3P	ADJ TO	Q	-	-	-	-	-	-	-	-	-	-	-	**	RT-4	PROVIDE 1" CONDUIT BETWEEN UNIT AND ATC.
		HEATER								1" C		C/B	"E3"		NON-FUSED	EQUIP.		-	-													-
GSP-1	1	GROUND SOURCE	3	-	-	10.6	208	3	60	3 #12 THW, 1 #12 GR	E	20A/3P	PANEL	E	30A/3P	ADJ TO	-	EXISTING	-	-	-	-	-	-	-	-	-	-	E	GSP-1	RELOCATE CIRCUIT TO PANEL "E3".
		PUMP								1/2" C		C/B	"E3"		3-FRN-15	EQUIP.		DUPLEX	-													-
GSP-2	1	GROUND SOURCE	3	-	-	10.6	208	3	60	3 #12 THW, 1 #12 GR	E	20A/3P	PANEL	E	30A/3P	ADJ TO	-	EXISTING	-	-	-	-	-	-	-	-	-	-	E	GSP-2	RELOCATE CIRCUIT TO PANEL "E3".
		PUMP								1/2" C		C/B	"E3"		3-FRN-15	EQUIP.		DUPLEX	-													-
HP-1	1	HEAT PUMP	-	-	39.4	36	208	3	60	3 #8 THW, 1 #10 GR	E	50A/3P	PANEL	E	60A/3P	ADJ TO	Q	-	-	-	-	-	-	-	-	-	-	-	**	HP-1	RELOCATE CIRCUIT TO PANEL "E3".
		COMP. BLOWER								1" C		C/B	"E3"		3-FRN-40	EQUIP.		-	-													-
HP-1	1	HEAT PUMP	-	19			208	3	60	3 #8 THW, 1 #10 GR	E	50A/3P	PANEL	E	60A/3P	ADJ TO	Q	-	-	-	-	-	-	-	-	-	-	-	**	HP-1	RELOCATE CIRCUIT TO PANEL "E3".
		DUCT HEATER								1" C		C/B	"E3"		NON-FUSED	EQUIP.		-	-													-

DATE: APR. 7, 1993
JOB #: 921230JJR
BY: JKC
REVISIONS

GUNNISON VALLEY HOSPITAL
ADDITION & REMODEL
GUNNISON UTAH

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PLANNERS

E 0.3

\\JJR\921230\ELEREQ
80 SIZE

SPECTRUM ENGINEERS
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4/7/93 CLIENT: JHCH JOB: GUNNISON HOSPITAL FILE: D.PLN
PANEL IDENT: D TYPE: BOLT-ON 120/208 VOLT 3 PHASE 4 WIRE 10,000 A.I.C.
MOUNT: SURFACE 22" WIDE 6' DEEP 100 AMPERE MAIN LUGS
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR

CIR NO.	O/C AMP	PROT POLE	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	DESCRIPTION	LCL KW	PH. LOAD A	PH. LOAD B	PH. LOAD C	LCL KW	DESCRIPTION	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	O/C PROT AMP	O/C PROT POLE	CIR NO.
1	20	1		6		DINING/SUNROOM W		0				LDRP 140		5		20	1	2
3	20	1		3		DINING/SUNROOM E			0			LDRP 142		5		20	1	4
5	20	1		1		STEAM TABLE				0		NURSES STATION				20	1	6
7	20	1		4		RECOVERY/NURSERY		0				NURSES STATION				20	1	8
9	20	1		4		RECOVERY/NURSERY			0			NURSERY		2		20	1	10
11	20	1		1		WORKROOM COPY				1.2	1.2	PHARM/OFFICE/WKRM	12			20	1	12
13	20	1		4		WORKROOM	1.3				1.3	OFFICES	14			20	1	14
15	20	1		7		OFFICES			0.8		0.8	ADMITTING	9			20	1	16
17	20	1		4		OPEN OFFICES				1.1	1.1	DINING/SUNROOM	10			20	1	18
19	20	1		4		OPEN OFFICES		0.9			0.98	RECOVERY/LOUNGE	13			20	1	20
21	20	1							0.8		0.86	NURSES STATION	13			20	1	22
23	20	1								0		RECOVERY/NURSERY		4		20	1	24
25	20	1						0				RECOVERY		4		20	1	26
27	20	1							0							20	1	28
29	20	1								0						20	1	30
31	20	1						0								20	1	32
33	20	1							0							20	1	34
35	20	1								0						20	1	36
37	20	1						0								20	1	38
39	20	1							0							20	1	40
41	20	1								0						20	1	42

TOTALS: KVA PER PHASE 2.2 1.6 2.3 TOTAL KVA 6.2
AMPS PER PHASE 19 13 19 AVG AMP PER PHASE 17

WIRING:

4/7/93 CLIENT: JHCH JOB: GUNNISON HOSPITAL FILE: F.PLN
PANEL IDENT: F TYPE: BOLT-ON 120/208 VOLT 3 PHASE 4 WIRE 10,000 A.I.C.
MOUNT: SURFACE 22" WIDE 6' DEEP 225 AMPERE MAIN LUGS
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR, INSULATED GROUND BAR

CIR NO.	O/C AMP	PROT POLE	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	DESCRIPTION	LCL KW	PH. LOAD A	PH. LOAD B	PH. LOAD C	LCL KW	DESCRIPTION	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	O/C PROT AMP	O/C PROT POLE	CIR NO.
1	20	1				DARKROOM		0				RESP THERAPY		2		20	1	2
3	20	1		5		VIEW ROOM			0			RESP THERAPY		2		20	1	4
5	20	1		3		CAT SCAN				0		MECH/RECORDS		2		20	1	6
7	20	1		3		X-RAY		0				MEDICAL RECORDS		3		20	1	8
9	20	1		5		JAN/OFFICE			0			MEDICAL RECORDS		3		20	1	10
11	20	1		4		OPEN TREATMENT				0		ELEC/CORRIDOR		2		20	1	12
13	20	1		3		CLOSED TREATMENT		0								20	1	14
15	20	1		3		]			0							20	1	16
17	20	1		3		OPEN TREATMENT				0						20	1	18
19	20	1		4		MAMMOGRAGPHY		0								20	1	20
21	20	1		3		ULTRASOUND			0							20	1	22
23	20	1			1	MAMMOGRAGPHY				0						20	1	24
25	20	1				----------		0								20	1	26
27	20	1		8		LAB/WAITING			0							20	1	28
29	20	1		4		RECEPTION				0						20	1	30
31	20	1		4		SECURE PATIENT		0								20	1	32
33	20	1		4		ANTE/SECURE PAT.			0							20	1	34
35	20	1		7		STORE/ELEV/JAN				0						20	1	36
37	20	1		3		PHYS THERAPY		0								20	1	38
39	20	1		4		PHYS THERAPY			0							20	1	40
41	20	1		3		PHYS THERAPY				0						20	1	42

TOTALS: KVA PER PHASE 0 0 0 TOTAL KVA 0
AMPS PER PHASE 0 0 0 AVG AMP PER PHASE 0

WIRING:

4/7/93 CLIENT: JHCH JOB: GUNNISON HOSPITAL FILE: G.PLN
PANEL IDENT: G TYPE: BOLT-ON 120/208 VOLT 3 PHASE 4 WIRE 10,000 A.I.C.
MOUNT: SURFACE 22" WIDE 6' DEEP 225 AMPERE MAIN LUGS
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR

CIR NO.	O/C AMP	PROT POLE	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	DESCRIPTION	LCL KW	PH. LOAD A	PH. LOAD B	PH. LOAD C	LCL KW	DESCRIPTION	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	O/C PROT AMP	O/C PROT POLE	CIR NO.
1	20	1	5			EMERGENCY ENMTRY	0.65	1.9			1.3	CORRIDORS	16			20	1	2
3	20	1	6			WALL PACKS	1.2		1.8		0.64	CORRIDORS	16			20	1	4
5	20	1	14			LIGHTING	1.1			2.4	1.3	CORRIDORS	16			20	1	6
7	20	1	24			LAB	1.4	2			0.64	CORRIDORS	16			20	1	8
9	20	1	8			LOBBY	1.3		2.6		1.3	CORRIDORS	16			20	1	10
11	20	1	11			SECURE PATIENT	0.91			1.5	0.64	CORRIDORS	16			20	1	12
13	20	1	12			TREATMENT ROOM	0.79	2.2			1.42	LOBBY				20	1	14
15	20	1	12			RR/JAN/STOR/ELE	0.9		2.2		1.3	RECORDS	21			20	1	16
17	20	1	15			PHYSICAL THERAPY	1.2			1.2		BSMT CORRIDOR				20	1	18
19	20	1	17			PHYSICAL THERAPY	0.8	0.8								20	1	20
21	20	1							0							20	1	22
23	20	1								0						20	1	24
25	20	1						0								20	1	26
27	20	1		8		LAB/WAITING			0							20	1	28
29	20	1		4		RECEPTION				0						20	1	30
31	20	1		4		SECURE PATIENT		0								20	1	32
33	20	1		4		ANTE/SECURE PAT.			0							20	1	34
35	20	1		7		STORE/ELEV/JAN				0						20	1	36
37	20	1		3		PHYS THERAPY		0								20	1	38
39	20	1		4		PHYS THERAPY			0							20	1	40
41	20	1		3		PHYS THERAPY				0						20	1	42

TOTALS: KVA PER PHASE 7 6.6 5.1 TOTAL KVA 18
AMPS PER PHASE 58 55 42 AVG AMP PER PHASE 52

WIRING:

4/7/93 CLIENT: JHCH JOB: GUNNISON HOSPITAL FILE: E.PLN
PANEL IDENT: E TYPE: BOLT-ON 120/208 VOLT 3 PHASE 4 WIRE 10,000 A.I.C.
MOUNT: SURFACE 22" WIDE 6' DEEP 100 AMPERE MAIN LUGS
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR, INSULATED GROUND BAR, SUBFEED LUGS

CIR NO.	O/C AMP	PROT POLE	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	DESCRIPTION	LCL KW	PH. LOAD A	PH. LOAD B	PH. LOAD C	LCL KW	DESCRIPTION	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	O/C PROT AMP	O/C PROT POLE	CIR NO.
1	20	1			2	ROOM 68 EM		0				NURSE CO'S		2		20	1	2
3	20	1				CLOCKS			0			NURSE CALL/GASES				20	1	4
5	20	1				ROOM 68 CO'S				0		PATIENT/SEC PAT		3		20	1	6
7	20	1				NARCOTIC'S CO'S		0								20	1	8
9	20	1				HALL CO'S			0			INTENSIVE CARE				20	1	10
11	20	1				DELIVERY ROOM				0		NURSERY CO'S				20	1	12
13	20	1				OPERATING ROOM		0				EM TREATMENT LTG				20	1	14
15	20	1							0			IC CO'S				20	1	16
17	20	1				EAST BSMT CO'S				0		LAB CO'S				20	1	18
19	20	1						0				SURGERY LTG				20	1	20
21	20	1							0							20	1	22
23	20	1				SURGERY EF/EH				0						20	1	24
25	20	1	7			REC/NURSERY/NURSE	0.8	0.8								20	1	26
27	20	1		8		LAB/WAITING			0							20	1	28
29	20	1		4		RECEPTION				0						20	1	30
31	20	1		4		SECURE PATIENT		0								20	1	32
33	20	1		4		ANTE/SECURE PAT.			0							20	1	34
35	20	1		7		STORE/ELEV/JAN				0		STERILIZER				20	1	36
37	20	1		3		PHYS THERAPY		0								20	1	38
39	20	1		4		PHYS THERAPY			0							20	1	40
41	20	1		3		PHYS THERAPY				0						20	1	42

TOTALS: KVA PER PHASE 0.8 0 0 TOTAL KVA 0.8
AMPS PER PHASE 6.6 0 0 AVG AMP PER PHASE 2.2

WIRING:

4/7/93 CLIENT: JHCH JOB: GUNNISON HOSPITAL FILE: E1.PLN
PANEL IDENT: E1 TYPE: BOLT-ON 120/208 VOLT 3 PHASE 4 WIRE 10,000 A.I.C.
MOUNT: SURFACE 22" WIDE 6' DEEP 100 AMPERE MAIN LUGS
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR

CIR NO.	O/C AMP	PROT POLE	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	DESCRIPTION	LCL KW	PH. LOAD A	PH. LOAD B	PH. LOAD C	LCL KW	DESCRIPTION	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	O/C PROT AMP	O/C PROT POLE	CIR NO.
1	20	1		1		CLOSED TREATMENT	0.18	0.1				----------						
3	20	1		1		OPEN TREATMENT	0.18		0.1			SURGE SUPPRESSOR			1	20	1	4
5	20	1		1		OPEN TREATMENT	0.18			0.1		----------						
7	20	1		1		ULTRSOUND	0.18	0.1				GAS MONITOR/DT			1	20	1	8
9	20	1		3		SEC PAT	0.54		0.5			TELE/NETWORK		1		20	1	10
11	20	1	12			TREATMENT LTG	0.96			1.2	0.32	SEC PAT.	2			20	1	12
13	20	1	3			TREATMENT LTG	0.45	0.4				CLOSED TREATMENT		3		20	1	14
15	20	1		5		LAB NORTH	0.9		0.9			OPEN TREATMENT		3		20	1	16
17	20	1		5		LAB NORTH	0.9			0.9		OPEN TREATMENT		3		20	1	18
19	20	1		5		LAB NORTH	0.9	0.9				PORT. X-RAY				20	1	20
21	20	1		3		LAB SE	0.54		0.5							20	1	22
23	20	1		3		LAB SE	0.54			0.5						20	1	24
25	20	1		1		MICRO LAB	0.2	0.2								20	1	26
27	20	1		1		MICRO LAB	0.2		0.2							20	1	28
29	20	1		4		LAB SOUTH	0.72			0.7						20	1	30
31	20	1		4		LAB SOUTH	0.72	0.7								20	1	32
33	20	1		2		LAB SOUTH	0.36		0.3							20	1	34
35	20	1		3		LAB CENTER	0.54			0.5		STERILIZER				20	1	36
37	20	1		3		LAB CENTER	0.54	0.5								20	1	38
39	20	1							0							20	1	40
41	20	1								0						20	1	42

TOTALS: KVA PER PHASE 3.1 2.7 4.1 TOTAL KVA 10
AMPS PER PHASE 26 22 34 AVG AMP PER PHASE 27

WIRING: 4 #2 THW, 1 #6 GR, 1-1/2" C

4/7/93 CLIENT: JHCH JOB: GUNNISON HOSPITAL FILE: E3.PLN
PANEL IDENT: E3 TYPE: BOLT-ON 120/208 VOLT 3 PHASE 4 WIRE 10,000 A.I.C.
MOUNT: SURFACE 22" WIDE 6' DEEP 400 AMPERE MAIN LUGS
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR

CIR NO.	O/C AMP	PROT POLE	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	DESCRIPTION	LCL KW	PH. LOAD A	PH. LOAD B	PH. LOAD C	LCL KW	DESCRIPTION	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	O/C PROT AMP	O/C PROT POLE	CIR NO.
1	20	1				ATC PANEL		0				ELEV LTG	1			20	1	2
3	20	1				BOILER			0			ELEV CONTROL			1	20	1	4
5	20	1				GR RECOVERY CONT				0						20	1	6
7	--	-				----------		0				----------				20	1	8
9	50	3			1	AH-1			0			ELEVATOR			1	20	1	10
11	--	-				----------				0		----------				20	1	12
13	20	1				----------		0				----------				20	1	14
15	20	1				HEAT PUMP-1			0			GR RECEP PUMP-1			1	20	1	16
17	20	1				----------				0		----------				20	1	18
19	20	1				----------		0				----------				20	1	20
21	20	1				RT-4 PUMP			0			GR RECEP PUMP-2			1	20	1	22
23	20	1				----------				0		----------				20	1	24
25	20	1				----------		0								20	1	26
27	20	1				RT-4 HEAT			0							20	1	28
29	20	1				----------				0						20	1	30
31	20	1				----------		0								20	1	32
33	20	1				HW PUMP-1			0							20	1	34
35	20	1		3		----------				0		STERILIZER				20	1	36
37	20	1		3				0								20	1	38
39	20	1							0							20	1	40
41	20	1								0						20	1	42

TOTALS: KVA PER PHASE 0 0 0 TOTAL KVA 0
AMPS PER PHASE 0 0 0 AVG AMP PER PHASE 0

WIRING: 2 EA 4 #3/0 THW, 1 #1/0 GR, 2-1/2" C

4/7/93 CLIENT: JHCH JOB: GUNNISON HOSPITAL FILE: E4.PLN
PANEL IDENT: E4 TYPE: BOLT-ON 120/208 VOLT 3 PHASE 4 WIRE 10,000 A.I.C.
MOUNT: SURFACE 22" WIDE 6' DEEP 100 AMPERE MAIN LUGS
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR

CIR NO.	O/C AMP	PROT POLE	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	DESCRIPTION	LCL KW	PH. LOAD A	PH. LOAD B	PH. LOAD C	LCL KW	DESCRIPTION	OUTLETS LTG	OUTLETS CO's	OUTLETS PWR	O/C PROT AMP	O/C PROT POLE	CIR NO.
1	20	1	14			CORRIDORS	0.5	0.6			0.1	LIGHTING CONTROL			1	20	1	2
3	20	1	16			CORRIDORS	0.5		0.5			GEN RM LTG				20	1	4
5	20	1	11			STAIRS/COR	0.7			0.7		BATTERY CHG				20	1	6
7	20	1						0				BLOCK HTR				20	1	8
9	20	1							0			UNIT HTR				20	1	10
11	20	1								0		----------				20	1	12
13	20	1						0								20	1	14
15	20	1							0							20	1	16
17	20	1								0						20	1	18
19	20	1						0								20	1	20
21	20	1							0							20	1	22
23	20	1								0						20	1	24
25	20	1						0								20	1	26
27	20	1							0							20	1	28
29	20	1								0						20	1	30
31	20	1						0								20	1	32
33	20	1							0							20	1	34
35	20	1								0		STERILIZER				20	1	36
37	20	1						0								20	1	38
39	20	1							0							20	1	40
41	20	1								0						20	1	42

TOTALS: KVA PER PHASE 0.6 0.5 0.7 TOTAL KVA 1.8
AMPS PER PHASE 5 4.1 5.8 AVG AMP PER PHASE 5

WIRING: 4 #2 THW, 1 #6 GR, 1-1/2" C

DATE: APR. 7, 1993
JOB #: 921230JJR
BY: JKC
REVISIONS

GUNNISON VALLEY HOSPITAL
GUNNISON ADDITION & REMODEL
GUNNISON UTAH

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\JJR\921230\PANELS
NO SCALE

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LIGHTING FIXTURE SCHEDULE

NOTE TO BIDDERS: Comply with Section 16515, and 16525 of the Specifications.
The catalog numbers listed below have been carefully prepared to assist bidders, but may not be complete or accurate. Prior to bidding, each manufacturer shall compare the catalog numbers shown with the description and requirements on the drawings, and shall notify the Architect/Engineer of any discrepancies. Specifically included in this evaluation shall be the verifying of proper mounting kits or accessories to facilitate installation as shown at each location on the drawings. No allowance or redress will be allowed for discrepancies that were not reported to the Architect/Engineer in time for correction or clarification before the bid. The reporting of any ambiguity is the responsibility of the bidder. Unit prices for add/delete changes for each fixture type shown shall be provided by successful electrical installer within 48 business hours of the bid date. Failure to comply with this requirement may disqualify the products and empower the Engineer to determine fair value for fixture and installation changes, without further input from the contractor or installer. Submittal package shall include lamp manufacturer and catalog number on each fixture sheet. On all pendant mounted fixtures, provide a second set of pendants, of a different length, as directed by the Architect/Engineer, provided and installed at no additional charge.
All fixtures shall be approved by UL or another acceptable testing lab for the purpose intended and with the lamp and ballast proposed.

TYPE	FIXTURE CHARACTERISTICS BODY / AIR / MOUNTING / DOOR LENS/LOUVER/REFLECTOR/OTHER	LAMP	WATTS VOLTS	MANUFACTURER'S CATALOG #
DF	Fluorescent downlight; thermally protected housing: to accommodate multiple trims and reflector assemblies for horizontal lamps as listed below; high power factor ballasts; low iridescent reflector finish (even if not shown in catalog #).			
DF-9	Recessed downlight aluminum reflector with black baffle. 2ea. 13W Quad lamps, 120VHPF, 6 1/2' Aperature	2-Q13	40w 120v	Kirlin 96613-DG-120-HPF Prescolite PBXTB94-120HPF IS Marco MX713-928 LI Lithonia AF213QT7MB-120-HPF Lightolier 8052MG-H120 Indy 706R D31H BKB 120 Capri PL17/120HPF-T441
DL	Thermally protected housing: to accommodate multiple trims and reflector assemblies for low voltage lamps as listed below; max 7 1/2' deep.			
DL-3	Low voltage downlight: specular alzak cone with adjustable PAR36 12 volt lamp; integral low voltage transformer; white aluminium trim.	50W/PAR36	50w 120v	Prescolite PBX MLV-1-TA-62S Juno TC46-467 Marco V275561W Lithonia LV-VPA-2A-120 Lightolier 1102P1/1164-120 Capri LV-4TX/LV322
E	E prefix indicates that fixture is provided with an emergency battery pack to provide power to any 2, 3, 4 or 8 foot flourescent lamp compatible with all standard and solid state ballasts; completely self-contained to provide 90 minutes of emergency power to fixture ballast; minimum light output for typical 4' lamp shall be 700 lumens or higher;universal transformer for 120 or 277 volts; low voltage protection, combination test switch and AC 'on' indicator; 10 year pro-rata warranty; install test switch in a manner that requires no disassembly for testing.			
E	Emergency battery pack for use in surface mounted fixtures only.	120/277v		Surelites FBP-2-40U Exide FTU-248-7 Chloride CFP8-4 Emergi-Lite FPS1/U Lithonia PS-500 Hubbell E48A Prescolite EFP-4
E	Emergency battery pack for use in lay-in fixtures only.	120/277v		Duallite UFD-2X-LRLT Lithonia PS1-ELA-PSMK Emergi-Lite FPSR 720E-RTS Chloride CFP4-5/CCAPS/RTS Surelites FBP-2-40U/RT-SWPL Prescolite EFP-4 Exide FTU-248-7 Hubbell E48A
E2	Exit Sign: thermoplastic or cast aluminium housing; universal mounting; universal arrows per plans; electrolumenescent panel; green letters on white background. Must meet NFPA illumination standards.			
E2-1	Single Face:	EL	1w 120v	Prescolite EL1226W Lithonia ELESW1G120 Duallite CSGWW-LM Isolite ELSGIU Emergi-lite WWELP1G-120 Exide MACEWP1-120
E2-2	Dual Face:	EL	2w 120v	Prescolite EL1326W Lithonia ELESW2G120 Duallite CDGWW-LM Emergi-lite WWELP2G-120 Exide MACEWP2-120
GS	Troffers: recessed for lay-in grid; static; hinged and latched door; acrylic prismatic lens, minimum 1/8"; earthquake clips; specification grade.			
GS-3	2 x 2, energy saving ballasts and lamps, 2-lamp, 120V 5' deep max flush steel door.	2-F40U RSSSWW	80w 120v	Lithonia 2SPG2U40A12.125-120ES Metalux 2GS-2U6A.125-120-LE3-EQ Daybrite CG222C12C-120-ESB Columbia 4PS2G-52.125 222U-120-ESB Hubbell RA2GNA02E1 Lightolier SPS2FGSV12U4120LE
GS-7	2 x 4, energy saving ballasts and lamps, 3-lamp, 120V 5' deep max flush steel door.	3-F40RS SS/WW	120w 120v	Lithonia 2SPG340A12.125-120ES Metalux 2GS-340A.125-120-LE3-EQ Daybrite CG243C12D-120-ESB Columbia 4PS2G52.125243120ESB Lightolier XT2GVB340120LE Hubbell RD3GNA02E1A
HD	Recessed HID downlights; open aperature; high power factor ballasts; bottom access required; premium silent pack ballasts; fused; provide tempered glass shields for 175W and 250W Metal Halide and other lamps which require end of life protection.			
HD-1	10' aperature; black baffle 120V; 100W High Pressure Sodium lamp	100W E-23 1/2 CLEAR HPS	130w 120v	Prescolite 1226SB-100HPS FE B652-120 GLR Halo M7010T-650-75000BA-TF Marco HD523266-120 Omega PS8177-PS8177-120-FU Lithonia LGH-100S-12-SBT73-SF Lightolier 3348S-A8-FS
ID	Darkroom in-use lights; mounting as noted; verify filter colors with Architect prior to ordering.			
ID-1	Recessed darkroom light with colored filters.	25w/100w	125w 120v	Cole PH-810-2PB Lightech 38102 Vista FL 1002-RE Morlite F548-2-DR Alkco R2058-2
ID-2	Room 'IN USE' light Wall mount. Text as noted	lamps included	100w 120v	McPhilben 30LW-62B2B Lighttech L-9153 Lithonia REPIG- room Cole S193- room in use Morlite S-225-sign Surelite DF2CX/004-346
IB	Wall sconce.			
ID-1	Cascade; rounded edges; chrome; 1 -26w pl.	40w	40w 120v	
IS	Drum lights for low density ceilings.			
IS-1	Ceiling mounted drum; diecast aluminum canopy; thermopal glass; wet labe; 100W max.	60w	60w 120v	Prescolite 7808 Marco B1-S Halo H2410AL Kurt Versen LB17 Lithonia WSJC Robert WPC-2 Capri CY60
OC	Wall Pack: adjustable cut off; full perimeter gasketing: wet location; stainless steel hinges and latches; projecting lens; HPF ballast, fused; see elevation for mounting height, color as specified by Architect.			
OC-6	150HPS; 120v; recessed J box;	150HPS	200w 120v	Moldcast PCL-1-02-15-12-XX-1FU Hubbell PRS0150S-118 Alumilite NG115S-120-IF-XX McPhilben 9A-164JB-120FU Hydrel HP2-04-1-2-FU
P3	Parabolic louver fixtures with 3' louvers in plastic protectors and full depth reflector: size as noted; energy saving lamps and ballasts; air return and heat removal; earthquake clips installed on grid fixtures; hinged and latched door			
P3-3	2X2 9 cell lay-in; 120V; semi specular louvers	2-F40U RSWWSS	80w 120v	Lithonia 2PM3GC2U40-9-S120-ES Daybrite PGC222-P9S22-120- ESB-EQ Metalux HR2P3GAX-2U6S33H -120-LE3-EQ Columbia P4-222UG-43-333-6-120-ESB Hubbell RA2GCZACE1A9A Lightolier DPA2G9DS2U4120LE
P3-11	2X4 18 cell lay-in;120V; semi specular silver 3-lamp;provide master/slave fixtures when within 8 feet	3-F40RS WW/SS	125w 120v	Lithonia 2PM3GC340-18-D120-ES-LST Daybrite PGC324-P18S24120-ESB-EQ Metalux HR2P3GAX-340S36H-120-LE3-EQ Columbia P4243G433636120ESB Hubbell RD3GCZDFE1AMS9-9A Lightolier DPA2G18DS340120LE
PS	Parabolic louver fixtures with 3' louvers in plastic protectors and full depth reflector: size as noted; energy saving lamps and ballasts; air return and heat removal; earthquake suitable for surface mounting on low density ceilings; hinged and latched door			
PS-1	2X2 9 cell lay-in; 120V; semi specular louvers	2-F40U RSWWSS	80w 120v	Lithonia 2PM3GC2U40-9-S120-ES Daybrite PGC222-P9S22-120- ESB-EQ Metalux HR2P3GAX-2U6S33H -120-LE3-EQ Columbia P4-222UG-43-333-6-120-ESB Hubbell RA2GCZACE1A9A Lightolier DPA2G9DS2U4120LE
PS-2	2X4 18 cell lay-in;120V; semi specular silver 3-lamp;provide master/slave fixtures when within 8 feet	3-F40RS WW/SS	125w 120v	Lithonia 2PM3GC340-18-D120-ES-LST Daybrite PGC324-P18S24120-ESB-EQ Metalux HR2P3GAX-340S36H-120-LE3-EQ Columbia P4243G433636120ESB Hubbell RD3GCZDFE1AMS9-9A Lightolier DPA2G18DS340120LE
S	Fluorescent strip light: energy saving ballast; steel construction; white painted finish; suitable for mounting on low density ceilings.			
S-5	2-lamp 4 foot rapid start	2-F40RS WW/SS	80w 120v	Lithonia C240-120ES Lightolier CS-240-RS-HPF120ES Metalux SS240-LE3-120 Daybrite T240-120ESB Hubbell SD42R-E1 Columbia CS240-RS-120ESB
UC	Undercabinet light: 1' profile x 5' x length as noted; acrylic diffuser			
UC-3	21 1/4' long, white	T5/13W	30w 120v	Alkco 113S Robert LI-13-120 Lightolier TSL1113W Brownlee 5070-13 Duray DUC 113-120 Sefco UCS-13
UC-7	42 1/2' long, white, dual lamp	T5/13W	50w 120v	Alkco 213S Robert L126-120 Lightolier TSL0213W Brownlee 5070-2T13 Duray DUC 213-120 Sefco UCS-26
W	Low profile wraparound: surface mounted suitable for mounting on low density ceilings wraparound acrylic prismatic diffuser; white enamel endplates; minimum CU of 70 @ 80/50/20 and RCR=1; energy saving lamps and energy saving ballasts.			
W-1	Corridor wraparound, 2-lamp approx; 4 1/2'x 7'x 24'120V	F20WW	50w 120v	Lithonia CB220A-120-ESB Daybrite CK2222-2-120-ESB Metalux CK220A-120-LE3-LD Lightolier KDL220-120-LE Hubbell WIM22TWACE1 Columbia RD 220-120
W-5	Narrow body wraparound, 2-lamp approx; 3' x 10'x 48' 120V	F40RS SS/WW	80w 120v	Lithonia LB240A-120ES Daybrite CA2224-4-120ESB Metalux WS-240A-120LE3-LD Lightolier KBT-240-120-LE Hubbell WGM42-WAC-E1 Columbia WC 240-120-ESB
W-7	Wide body wraparound, 2-lamp approx; 3' x 16' x 48' 120V	F40RS SS/WW	80w 120v	Lithonia 2LB240A-120ESB Daybrite SW2224-8-120ESB Metalux WSA-240A-120-LE3-LD Lightolier KLT-240-120-LE Hubbell WGM42-WAC-E1 Columbia WCW-240A-120-ESB
WB	Wall mounted fluorescent located above mirror: white rectangular housing, with acrylic injection molded prismatic diffuser. Energy saving ballasts and lamps.			
WB-3	2-lamp,energy saving ballasts and lamps; 24' 120V wall mount	F20T12 RSSSWW	60w 120v	Benjamin CZW-2222-2W-120ES Nulite BW-220-HTS-120-LE3 Lightolier CWW-220-HPF-120-LE Metalux BI220-120-LE3 Midwest WB220T-H-120
WC	Wraparound fluorescent fixtures; energy saving ballasts and lamps.			
WC-5	2X4 fluorescent, matte black chassis, single piece vacuum formed acrylic diffuser; 4 lamp.	F40LW RS/SS	200w 120v	Globe WDU3528-4R-120-ESB Daybrite SD 244-P24-120 ESB Lithonia MP2444-120ES Robert LPX-2-440-120-ESB Metalux SH24-440-120-LE3-SCW24 Lightolier 13244UU1355BA2 Midwest H440-120 Duray PA-2444-120-ESB
WC-7	4X4 fluorescent, matte black chassis, single piece vacuum formed acrylic diffuser; 6 lamp.	F40LW RS/SS	300w 120v	Globe WDU3546-4R-120-ESB Lithonia MP4464-120-ES Robert LPX-4-640-120-ESB Metalux SH44-640-120-LE3-SCW44 Lightolier 13446UU13562A2 Midwest H640-120 Duray PA-4464-120-ESB Daybrite SD 246-P44-120 ESB

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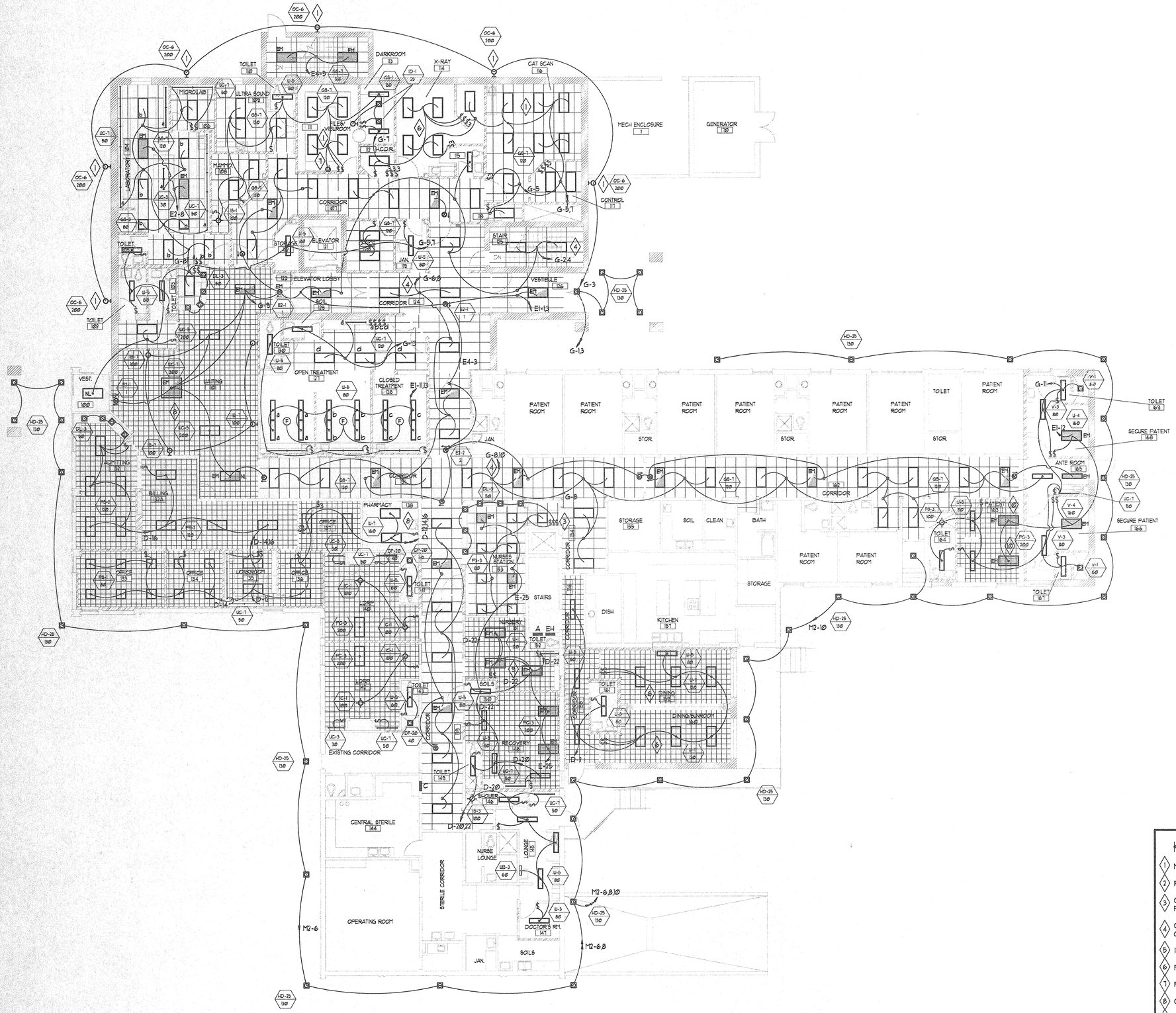

MAIN FLOOR LIGHTING PLAN

SCALE 1/8"=1'-0"

KEYED NOTES

1. MOUNT WITH TOP OF FIXTURE EVEN WITH BOTTOM OF SOLDIER COARSE.
2. ROUTE THROUGH EXTERIOR LIGHTING CONTROL CONTACTOR.
3. CORRIDOR LIGHTING CONTROL. SWITCH CONTROLS OUTBOARD LAMPS OF (3) LAMP FLUORESCENT LIGHTING IN CORRIDORS. SEE CORRIDOR LIGHTING DIAGRAM.
4. CIRCUITS G-2,4,6,10,14 SHALL BE ROUTED THROUGH CORRIDOR LIGHTING CONTACTOR. CIRCUITS G-4,8,12 SHALL BE UNSWITCHED.
5. INTERLOCK ROOM AND SAFE LIGHT SWITCHING PER DETAIL.
6. PROVIDE DUAL LEVEL SWITCHING PER DETAIL.
7. PROVIDE STUB AND CONNECT TO OWNER PROVIDED VIEW BOXES.
8. CONNECT (2) LAMPS TO EMERGENCY CIRCUIT.
9. CENTER LAMPS SHALL BE CONNECTED EMERGENCY CIRCUIT.
10. CONTROL BY PILLOW SWITCH PROVIDED WITH NURSES CALL. SEE AUXILLIARY SYSTEM DRAWINGS.

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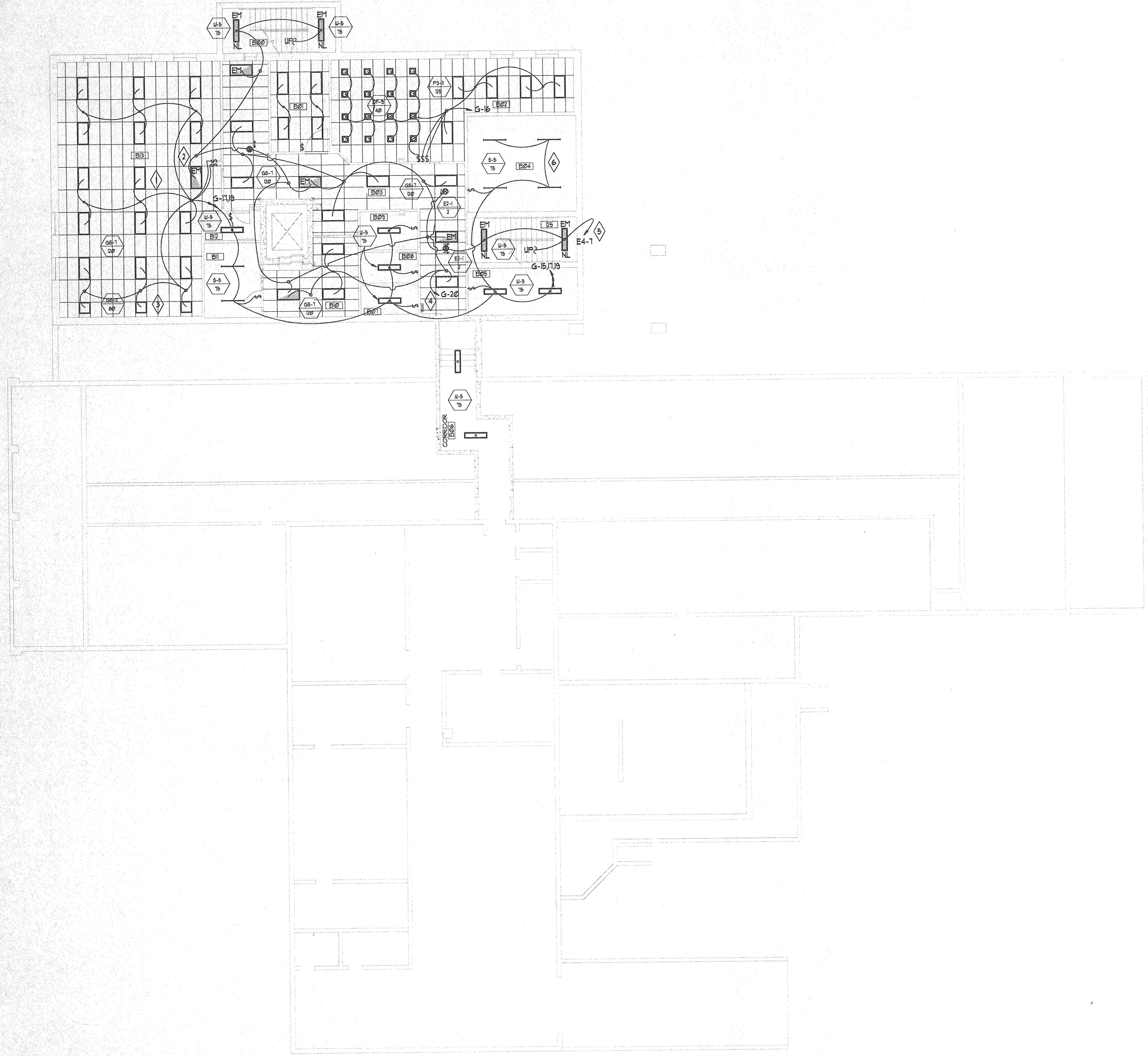

BASEMENT FLOOR LIGHTING PLAN

SCALE 1/8" = 1'-0"

KEYED NOTES

1. PROVIDE DUAL LEVEL SWITCHING PER DETAIL ? SHEET ?.
2. CONNECT CENTER LAMP TP UNSWITCHED EMERGENCY CIRCUIT.
3. SWITCH LAMPS IN 2'x2' FIXTURES WITH OUTBOARD LAMPS OF 2'x4' FIXTURES.
4. ROUTE THROUGH CORRIDOR LIGHTING CONTACTOR. CENTER LAMPS SHALL BE ENERGIZED AT ALL TIMES. OUTBOARD LAMPS SHALL BE CONTROLLED BY SWITCH AT NURSES STATION.
5. CONNECT CENTER LAMPS OF CORRIDOR FIXTURES TO UNSWITCHED EMERGENCY CIRCUIT.
6. SUSPEND FIXTURE BELOW DUCT WORK. EXACT LOCATION TO BE FIELD DETERMINED.

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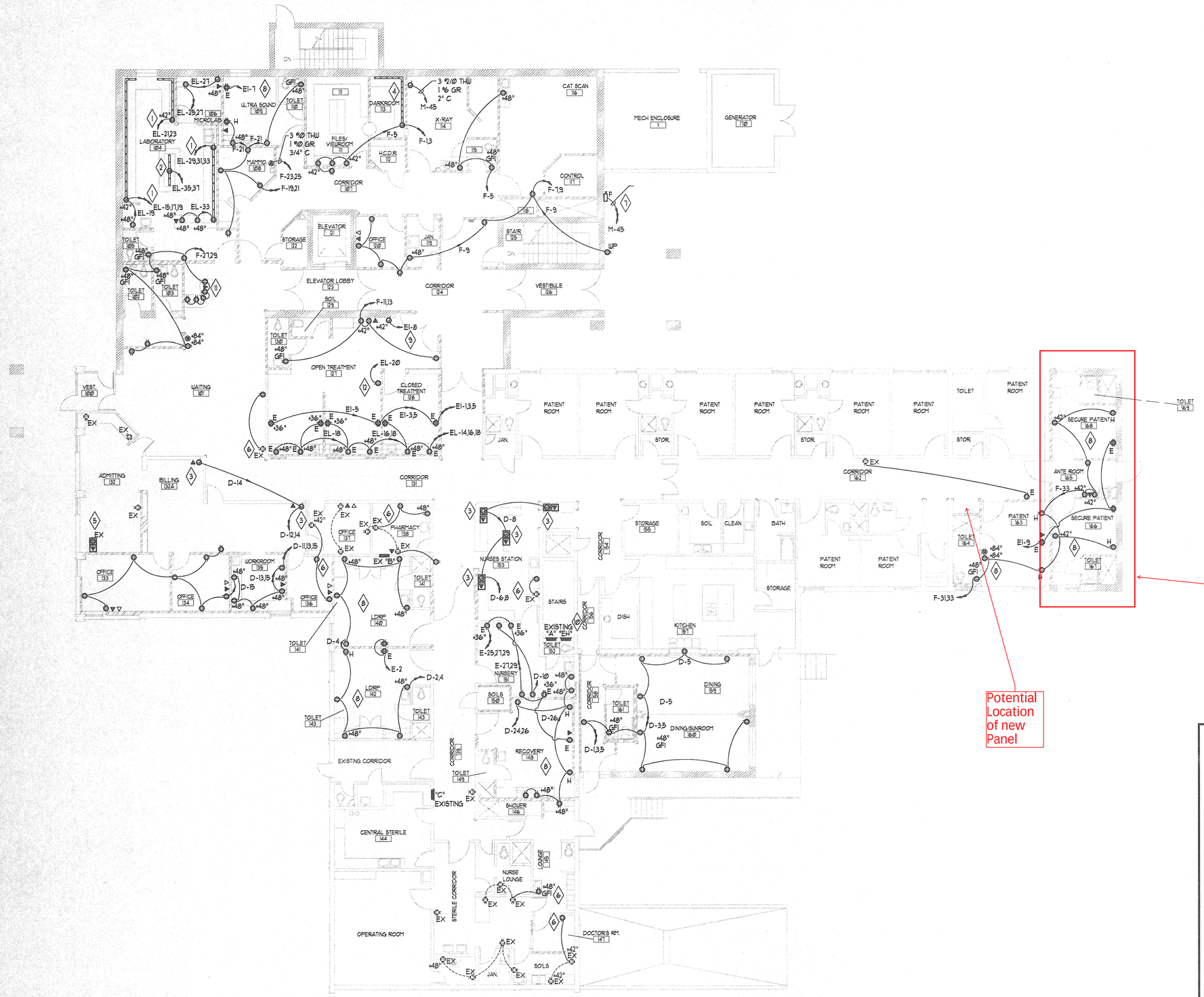

MAIN FLOOR POWER PLAN

SCALE 1/8" = 1'-0"

KEYED NOTES

1. PROVIDE EMERGENCY TYPE (RED) RECEPTACLES MOUNTED IN WIREMOLD G3000 OR EQUAL SURFACE RACEWAY ON 2' CENTERS. PROVIDE LABEL AT EACH RECEPTACLE INDICATING THE NUMBER OF THE CIRCUIT CONNECTED TO THE RECEPTACLE.
2. MOUNT SURFACE RACEWAY ON UNDERSIDE OF UPPER CABINET. PROVIDE FEED FROM BELOW THROUGH CENTER CAVITY.
3. SYSTEMS FURNITURE INSTALLER SHALL VERIFY LOCATION OF FURNITURE SYSTEMS FEED PRIOR TO INSTALLATION OF JUNCTION BOX.
4. PROVIDE RECEPTACLES MOUNTED IN WIREMOLD G3000 OR EQUAL SURFACE RACEWAY ON 2' CENTERS.
5. EXISTING FLOOR BOX TO BE ABANDONED AND REMOVED IF NO REMAINING CIRCUITS PASS THROUGH. IF REMAINING CIRCUITS PASS THROUGH PROVIDE BLACK BRASS COVER WITH CARPET FLANGE.
6. EXTEND WIRING FROM EXSITING OUTLETS TO NEW OUTLETS.
7. PROVIDE DISCONNECT FOR FUTURE CONNECTION TO MRI TRAILER.
8. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF OUTETS AT HEADWALLS.
9. MEDICAL GASES ALARM OUTLET. SEE PLUMBING DRAWINGS.
10. REMOVE PANEL "EH" FROM EMERGENCY POWER SOURCE AND RELABEL AS PANEL "I". SEE ONE-LINE DIAGRAM.
11. MOUNT OUTLETS CENTERED IN WALL BETWEEN UPPER AND LOWER COUNTERTOPS.
12. PROVIDE SPARE 1/2" CONDUIT STUBBED FROM AN OUTLET BOX TO ACCESSIBLE CEILING FOR FUTURE CONNECTION TO ADDITIONAL PORTABLE X-RAY OUTLETS.

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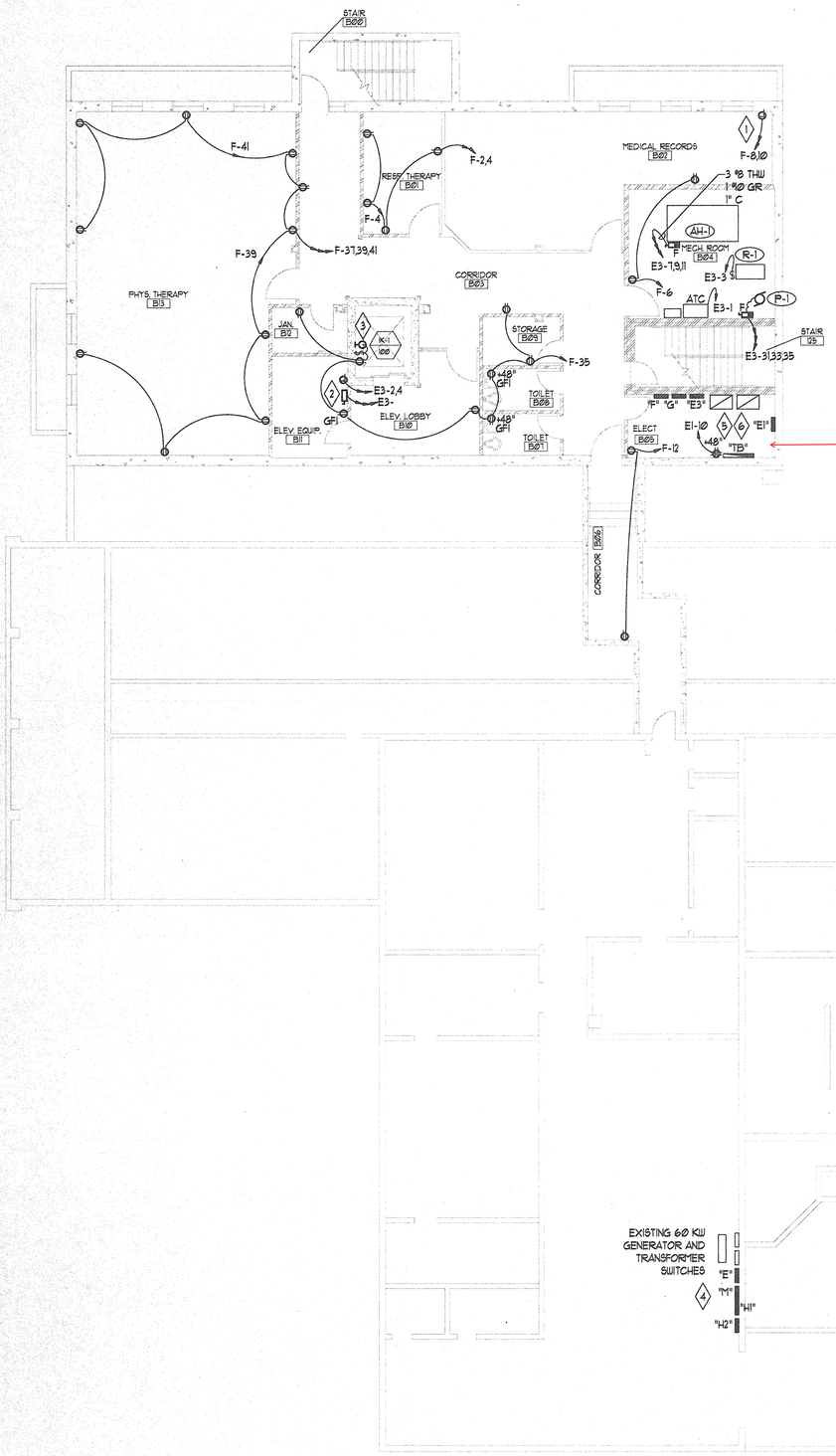

Electrical Room in Basement

BASEMENT FLOOR POWER PLAN
SCALE 1/8" = 1'-0"

KEYED NOTES

1. SYSTEMS FURNITURE INSTALLER SHALL VERIFY LOCATION OF FURNITURE SYSTEM FEED PRIOR TO INSTALATION OF JUNCTION BOX.
2. LOCATION OF ELEVATOR DISCONNECT SWITCH, LIGHTING CIRCUIT AND CONTROL CIRCCUIT SHALL BE VERIFIED PRIOR TO INSTALLATION. EXTEND WIRING TO ELEVATOR CONTROLLER AND MOTOR AS DIRECTED BY ELEVATOR INSTALLER.
3. MOUNT IN ELEVATOR PIT. COORDINATE LOCATION WITH ELEVATOR INSTALLER.
4. CONDUITS BETWEET EXSITING PANELS AND NEW ELECTRICAL ROOM SHALL BE ROUTED ON CEILINGS AND WALLS OF BASEMENT CORRIDORS. PROVIDE JUNCTION BOXES AS REQUIRED BY NEC AND SPECIFICATIONS.
5. NEW EQUIPMENT SYSTEMS BRANCH 400A TRANSFER SWITCH.
6. NEW LIFE SAFETY AND CRITICAL BRANCH 150A TRANSFER SWITCH.

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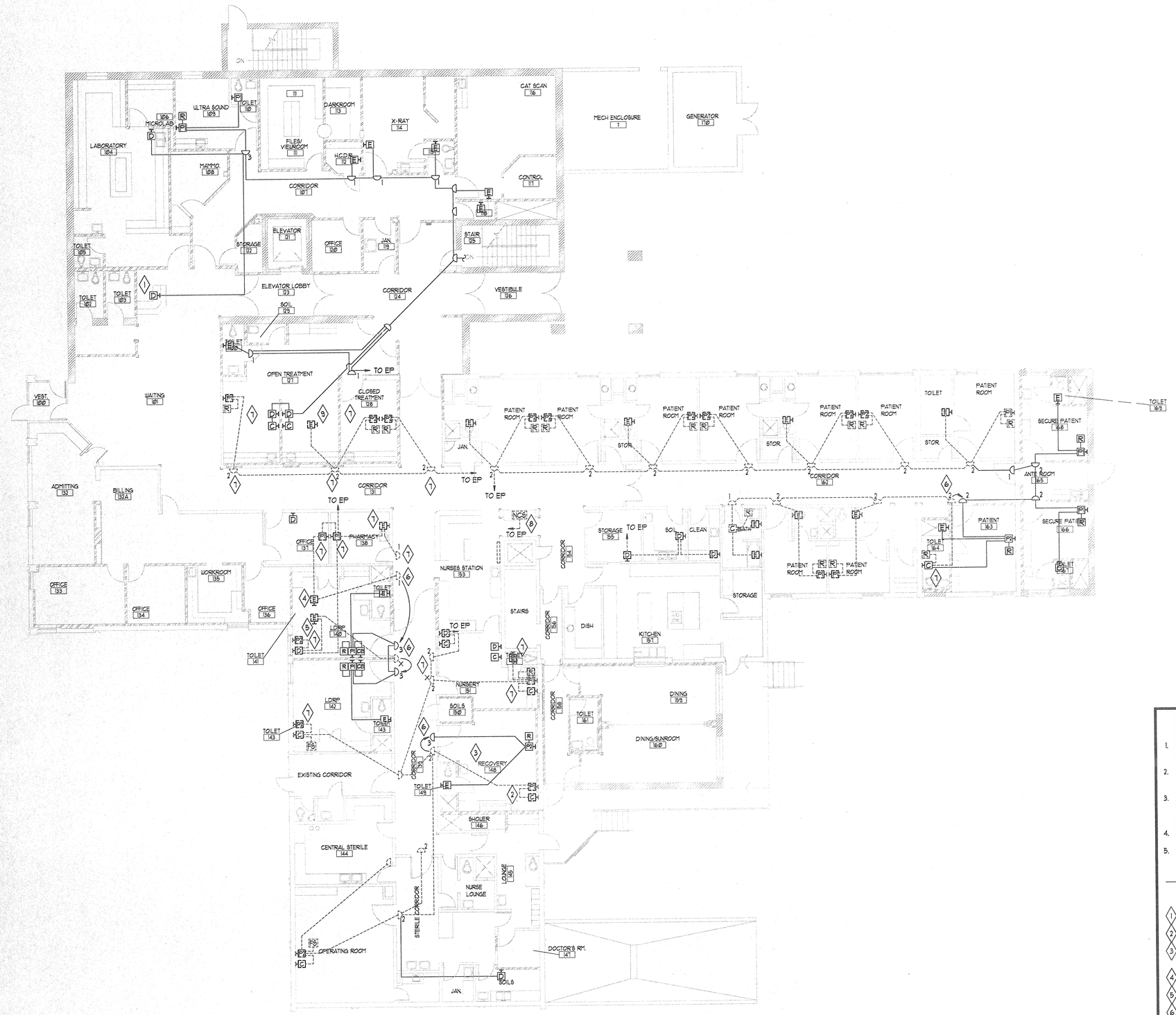

MAIN FLOOR NURSE'S CALL PLAN

SCALE 1/8" = 1'-0"

GENERAL NOTES

1. WHERE PRATICAL EXISTING WIRING MAY BE USED WHERE SPLICE IS NOT REQUIRED. DO NOT SPLICE NURSE'S CALL WIRING.
2. UNUSED NURSE'S CALL WIRING SHALL BE REMOVED BACK TO FIRST ACTIVE OUTLET BOX.
3. WHERE APPLICABLE EXISTING NURSE'S CALL DEVICES SHOWN TO BE REMOVED SHALL BE UTILIZED WHERE NEW DEVICES ARE INDICATED. UNUSED NURSE'S CALL DEVICES SHALL BE RETURNED TO THE OWNER.
4. PATCH WALL OVER OUTLET BOX OPENING WHERE NURSE'S CALL DEVICES ARE REMOVED.
5. REMAINING DEVICES DOWNSTREAM FROM DEVICES BEIN REMOVED SHALL BE KEPT IN SERVICE.

KEYED NOTES

1. MOUNT IN CENTER OF WALL BETWEEN UPPER AND LOWER COUNTERTOPS.
2. REMOVE SINGLE PATIENT AND CODE BLUE STATIONS.
3. SEE ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF NURSES CALL DEVICES IN THIS ROOM.
4. RELOCATE EMERGENCY STATION TO TOILET 141.
5. RELOCATE EMERGENCY STATION TO TOILET 143.
6. RELOCATE TO NEW POSITION ABOVE DOOR. PROVIDE NEW COLORED LENSES AS REQUIRED.
7. REMOVE EXISTING NURSE'S CALL DEVICES.
8. RELEOCAT NURSES CONTROL STATION AS SHOWN. PROVIDE TEMPORARY WIRING FOR NUSE'S CONTROL STATION IN ROOM 1 DURING PHASE II CONSTRUCTION.
9. RELOCATE EMERGENCY STATION TO TOILET 130.
10. RELOCATE DUTY AND CODE BLUE STATION TO NEW LOCATION SHOWN.

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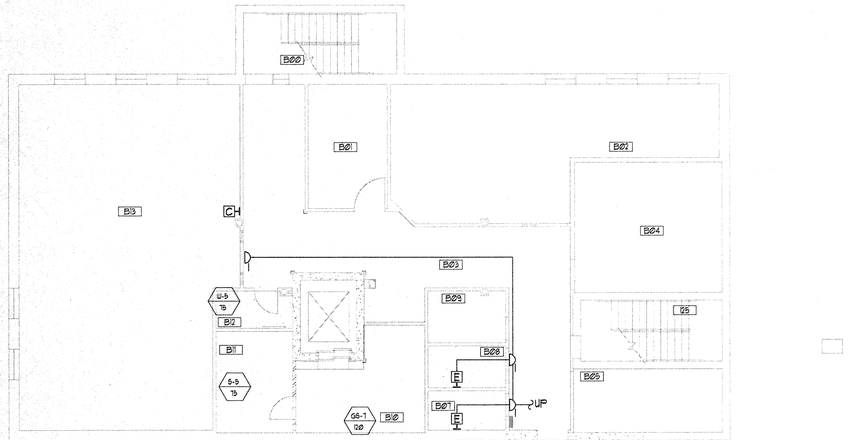

BASEMENT FLOOR NURSE'S CALL PLAN
SCALE 1/8" = 1'-0"

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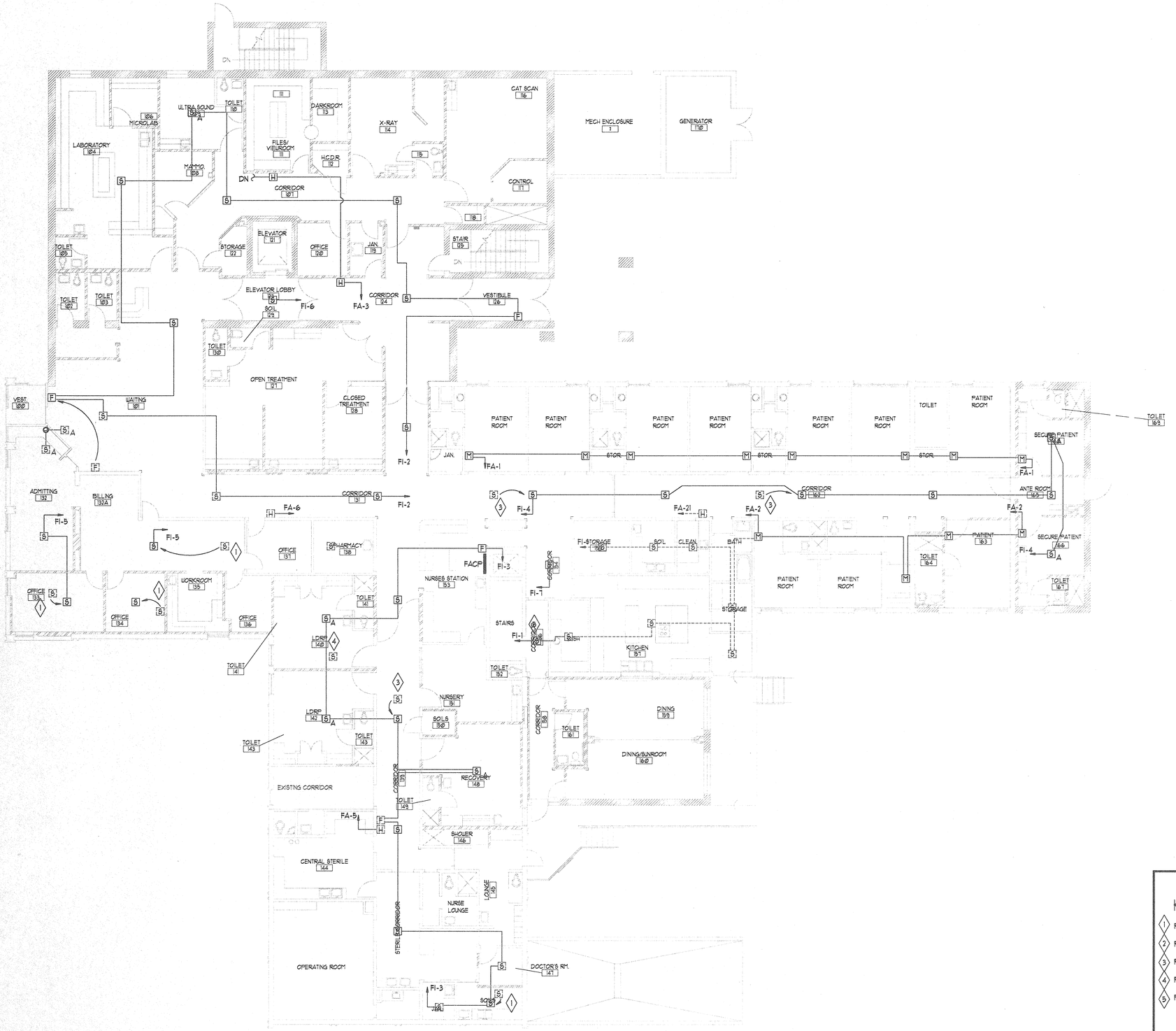

MAIN FLOOR FIRE ALARM PLAN

SCALE 1/8"=1'-0"

KEYED NOTES

1. RELOCATED DETECTOR TO CENTER OF ROOM.
2. RELOCATE MANUAL PULL STATION TO LOCATION ADJACENT TO EXIT DOOR.
3. RELOCATE DETECTOR TO POSITION SHOWN.
4. REMOVE EXISTING SMOKE DETECTOR.
5. PROVIDE NEW WIRING BACK TO PANEL TO FORM CLASS A LOOP.

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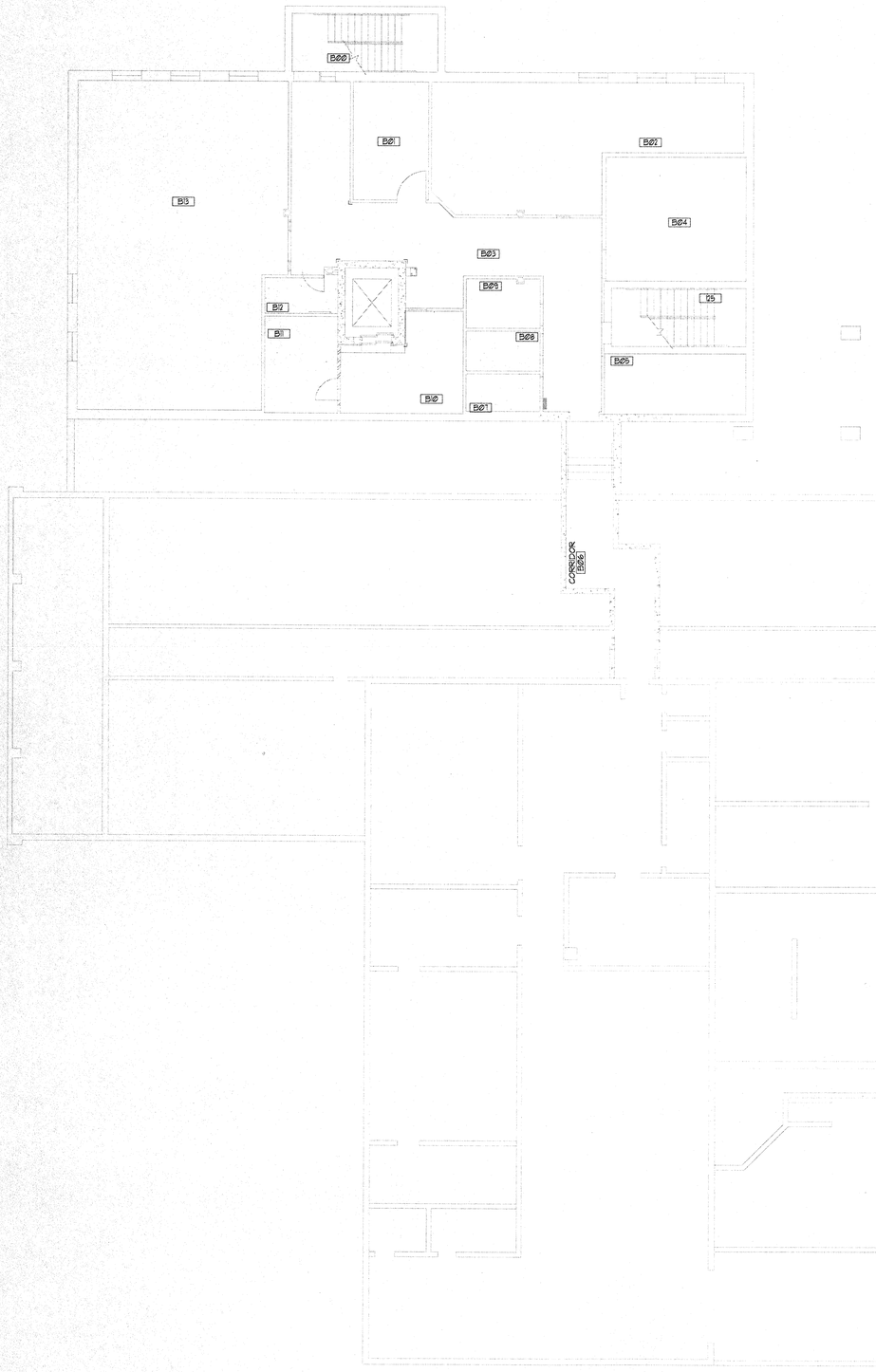

BASEMENT FLOOR FIRE ALARM PLAN
SCALE 1/8" = 1'-0"

KEYED NOTES

1. PROVIDE DUAL LEVEL SWITCHING PER DETAIL 7 SHEET 7.
2. CONNECT CENTER LAMP TP UNSWITCHED EMERGENCY CIRCUIT.
3. SWITCH LAMPS IN 2'x2' FIXTURES WITH OUTBOARD LAMPS OF 2'x4' FIXTURES.
4. ROUTE THROUGH CORRIDOR LIGHTING CONTACTOR. CENTER LAMPS SHALL BE ENERGIZED AT ALL TIMES. OUTBOARD LAMPS SHALL BE CONTROLLED BY SWITCH AT NURSES STATION.
5. CONNECT CENTER LAMPS OF CORRIDOR FIXTURES TO UNSWITCHED EMERGENCY CIRCUIT.
6. SUSPEND FIXTURE BELOW DUCT WORK. EXACT LOCATION TO BE FIELD DETERMINED.

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SALT LAKE CITY, UTAH, 84108 801-583-5533

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\JJR\921230\BSMT_FA
SHEET SCALE 1/8"=1'

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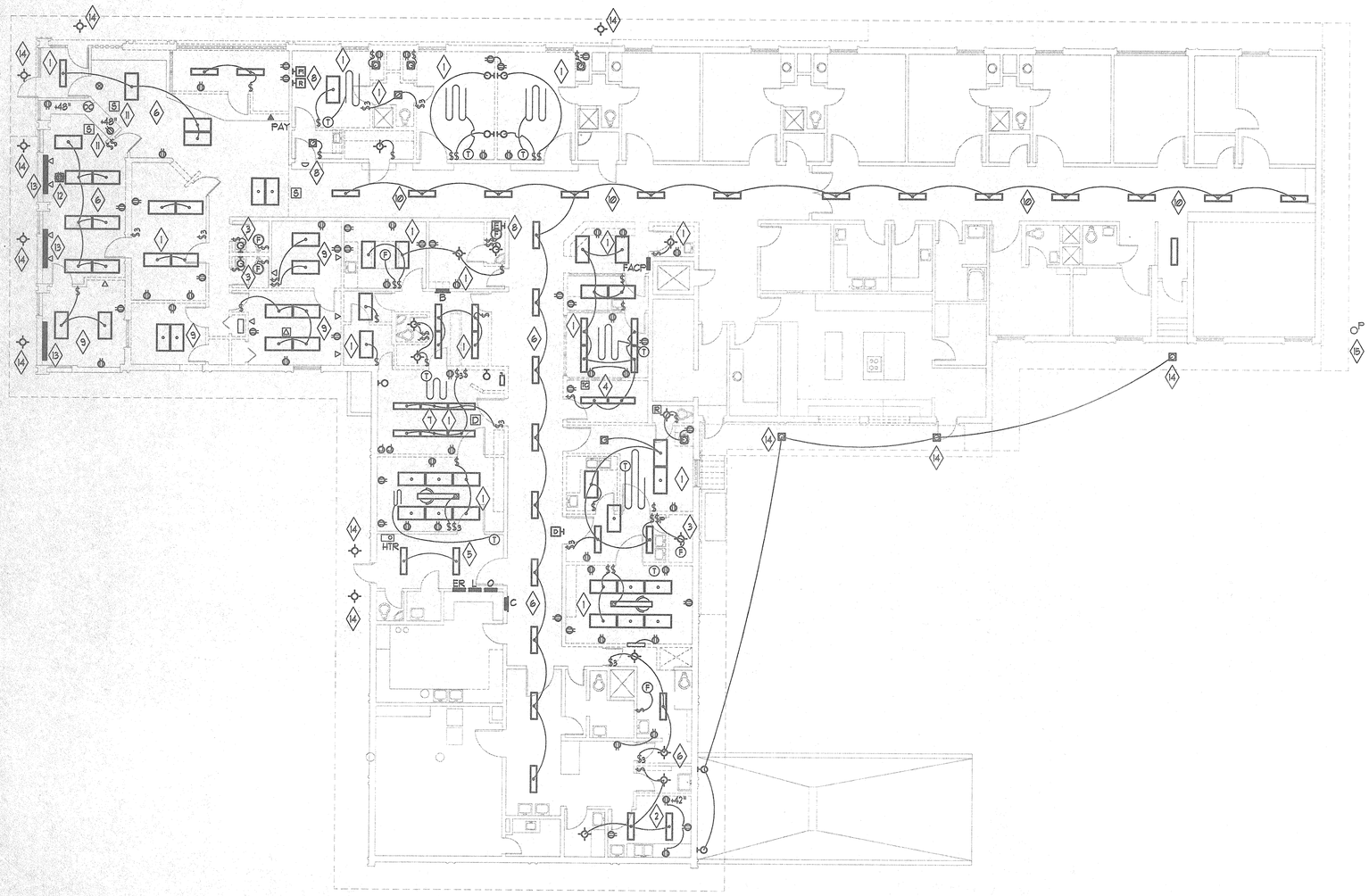

MAIN FLOOR DEMOLITION PLAN
SCALE 1/8"=1'-0"

GENERAL NOTES

1. WHERE LIGHTING IS INDICATED FOR REMOVAL THE OUTLET SHALL BE RELOCATED FOR USE WITH NEW LIGHTING IF PRACTICAL. WHERE OUTLET CANNOT BE RELOCATED REMOVE OUTLET AND WIRING BACK TO FIRST ACCESSIBLE JUNCTION BOX.
2. WHERE RECEPTACLE IS INDICATED FOR REMOVAL THE OUTLET SHALL BE RELOCATED TO LOCATION SHOWN ON POWER PLANS FOR NEW RECEPTACLE IF PRACTICAL. WHERE OUTLET CANNOT BE RELOCATED REMOVE OUTLET AND WIRING BACK TO FIRST ACCESSIBLE JUNCTION BOX.
3. REMAINING OUTLETS DOWNSTREAM FROM OUTLETS INDICATED FOR REMOVAL SHALL BE KEPT IN SERVICE BY EXTENDING CIRCUIT AROUND REMOVED OUTLET.
4. WHERE FIRE ALARM DEVICE IS INDICATED FOR REMOVAL THE OUTLET SHALL BE RELOCATED TO LOCATION SHOWN ON FIRE ALARM PLANS FOR NEW DEVICE IF PRACTICAL. WHERE OUTLET CANNOT BE RELOCATED REMOVE THE OUTLET AND PROVIDE NEW WIRING BETWEEN UPSTREAM AND DOWNSTREAM DEVICES.
5. WHERE NURSES CALL DEVICE IS INDICATED FOR REMOVAL THE OUTLET SHALL BE RELOCATED TO LOCATION SHOWN ON AUXILIARY SYSTEMS PLANS FOR NEW DEVICE IF PRACTICAL. WHERE OUTLET CANNOT BE RELOCATED REMOVE THE OUTLET AND PROVIDE NEW WIRING WHERE REQUIRED TO MAINTAIN SERVICE AT DOWNSTREAM DEVICES.
6. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION PERTAINING TO DEMOLITION.
7. DUE TO THE CONCEALED NATURE OF EXISTING WIRING ACTUAL INSTALLATIONS COULD NOT BE VERIFIED. THE CONTRACTOR WILL BE RESPONSIBLE FOR DEMOLISHING ELECTRICAL SYSTEMS TO THE EXTENT INDICATED EVEN WHERE EXISTING INSTALLATIONS DIFFER FROM THOSE INDICATED ON THIS DRAWING.
8. DATA OUTLET WIRING SHALL BE REMOVED BACK TO CONTROLLER.
9. SEE NURSES CALL PLAN FOR DEMOLITION OF EXISTING NURSES CALL DEVICES AND WIRING.

KEYED NOTES

1. REMOVE LIGHTING, SWITCHES AND RECEPTACLES. SEE GENERAL NOTES.
2. REMOVE RECEPTACLE ON WALL BEING DEMOLISHED. SEE GENERAL NOTES.
3. REMOVE LIGHTING, SWITCHES, RECEPTACLES AND EXHAUST FAN. SEE GENERAL NOTES.
4. REMOVE TIMECLOCK AND WIRING BACK TO PANEL AND EXTERIOR LIGHTING.
5. REMOVE ISOLATION CIRCUITS EXTENDING FROM PANELS ER & L. CIRCUITS ORIGINATING IN PANEL O SHALL REMAIN.
6. REMOVE LIGHTING, SWITCHES AND RECEPTACLES LOCATED ON WALLS INDICATED TO BE DEMOLISHED. SEE GENERAL NOTES.
7. REMOVE DISCONNECT SWITCH, JUNCTION BOXES, RACEWAYS AND ALL WIRING ASSOCIATED WITH X-RAY EQUIPMENT IN THIS ROOM.
8. THIS NOTE IS NOT USED.
9. REMOVE LIGHTING, SWITCHES, RECEPTACLES, DATA OUTLETS AND TELEPHONE OUTLETS.
10. REMOVE LIGHTING FIXTURES. RELOCATE EXISTING FIRE ALARM DEVICES TO NEW CEILING.
11. REMOVE FOR CEILING REPLACEMENT. AFTER CEILING IS COMPLETE REMOUNT DEVICE.
12. FLOOR OUTLET TO BE REUSED FOR MODULAR FURNITURE CONNECTION. RELOCATE AS REQUIRED FOR CONNECTION TO MODULAR FURNITURE.
13. REMOVE BASEBOARD HEATER AND WIRING BACK TO PANEL.
14. REMOVE SOFFIT LIGHTING FIXTURE.
15. REMOVE POLE, LIGHT FIXTURE AND WIRING BACK TO FIRST ACCESSIBLE JUNCTION BOX.

DATE: APR. 7, 1993
JOB #: 921230JJR
BY: JKC
REVISIONS

GUNNISON VALLEY HOSPITAL
GUNNISON ADDITION & REMODEL
GUNNISON UTAH

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