

(P-1)
ELECTRICAL PANEL 100 AMP 208/120 1 PHASE
32 BREAKERS

N O	DESCRIPTION	AMP	WATTS	N O	DESCRIPTION	AMP	WATTS
1	OUTLETS	20	800	2			
3	OUTLETS	20	800	4	FANS	20	400
5	OUTLETS	20	800	6	EXIT LIGHTS	20	60
7	OUTLETS	20	800	8	2X4 LIGHTS	20	1900
9	OUTLETS	20	800	10	2X4 LIGHTS	20	1900
11	OUTLETS	20	800	12	2X4 LIGHTS	20	1900
13	SPARE			14	STERIL	20	1400
15	REF			16	X-RAY	20	1400
17	SPARE			18	RECESS LIGHTS	20	600
19	SPARE			20	OUTLETS	20	800
21	SPARE			22	RECESS LIGHT	20	1000
23	SPARE			24	X-RAY	20	1400
25	SPARE			26	SPARE		
27	SPARE			28	SPARE		
29	SPARE			30	SPARE		
31	SPARE			32	SPARE		

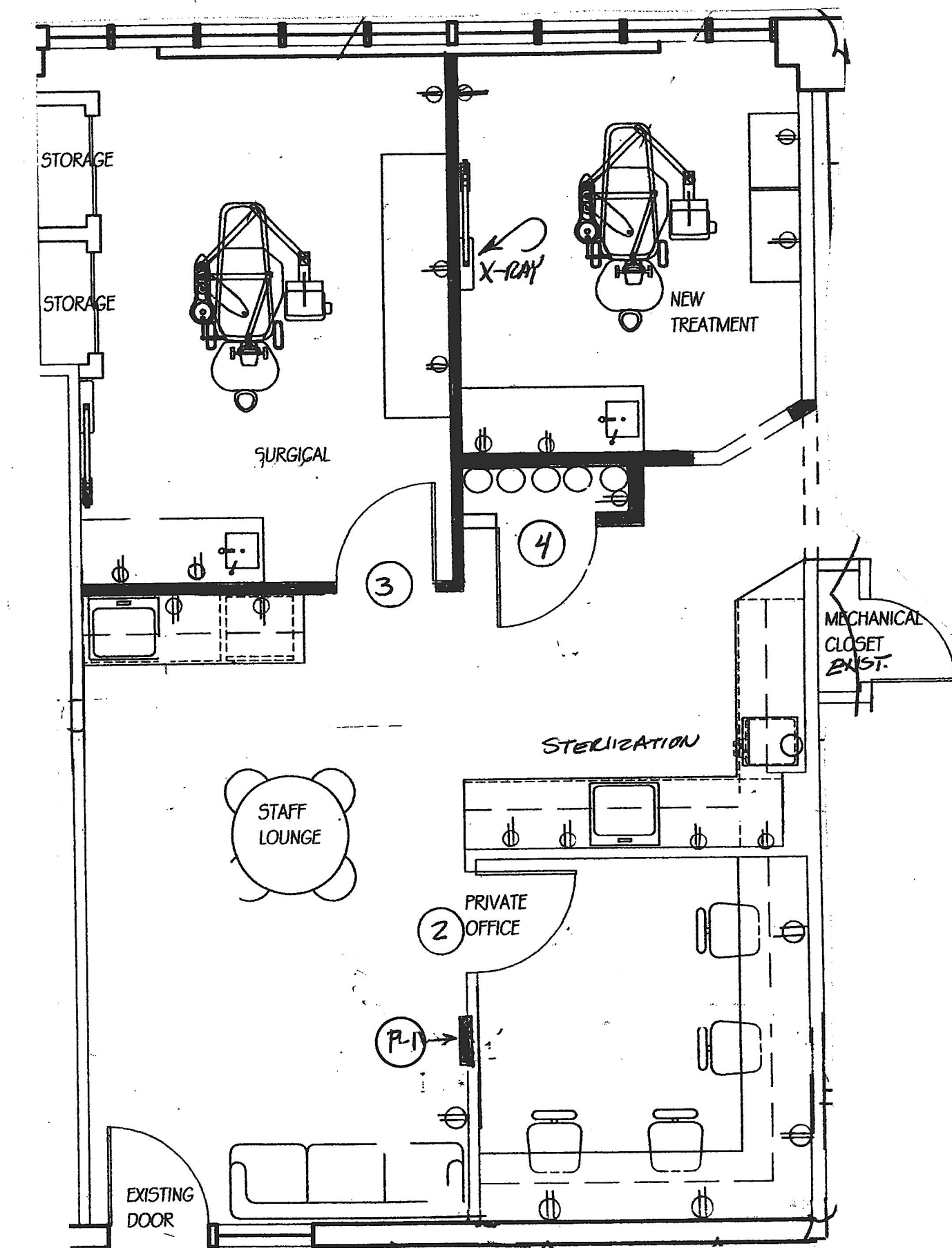
CALCULATIONS:
15660 WATTS = 20% = 18792/208 = 90.7 = 45 AMPS

100 AMP IS OK

HVAC SYSTEM IS ON COMMON BLDG PANEL

PANEL SCHEDULE 12-120/208 VOLTS, 3PHASE, 4 WIRE-SW-FLUSH

PKT	FOR	BREAKER	PKT	FOR	BREAKER
1	VAN UNITS	100 1 20	2	VAN UNITS	100 1 20
3	VAN UNITS	100 1 20	4	TOILET ROOM BATH FAN	100 1 20
5	SPARE	100 1 20	6	SPARE	100 1 20
7	SPARE	100 1 20	8	SPARE	100 1 20
9	BASEBOARD HEATERS	100 2 20	10	BASEBOARD HEATER	100 2 20
11			12		
13	BASEBOARD HEATERS	100 2 20	14	BASEBOARD HEATER	100 2 20
15			16		
17	BASEBOARD HEATERS	100 2 20	18	BASEBOARD HEATER	100 2 20
19			20		
21	BASEBOARD HEATERS	100 2 20	22	BASEBOARD HEATER	100 2 20
23			24		
25	BASEBOARD HEATERS	100 2 20	26	SPARE	100 2 20
27			28		
29	BASEBOARD HEATERS	100 2 20	30		
31			32		
33	BASEBOARD HEATERS	100 2 20	34		
35			36		
37	BASEBOARD HEATERS	100 2 20	38		
39	BASEBOARD HEATERS	100 2 20	40		
41	BASEBOARD HEATERS	100 2 20	42		



ELECTRICAL NOTES:

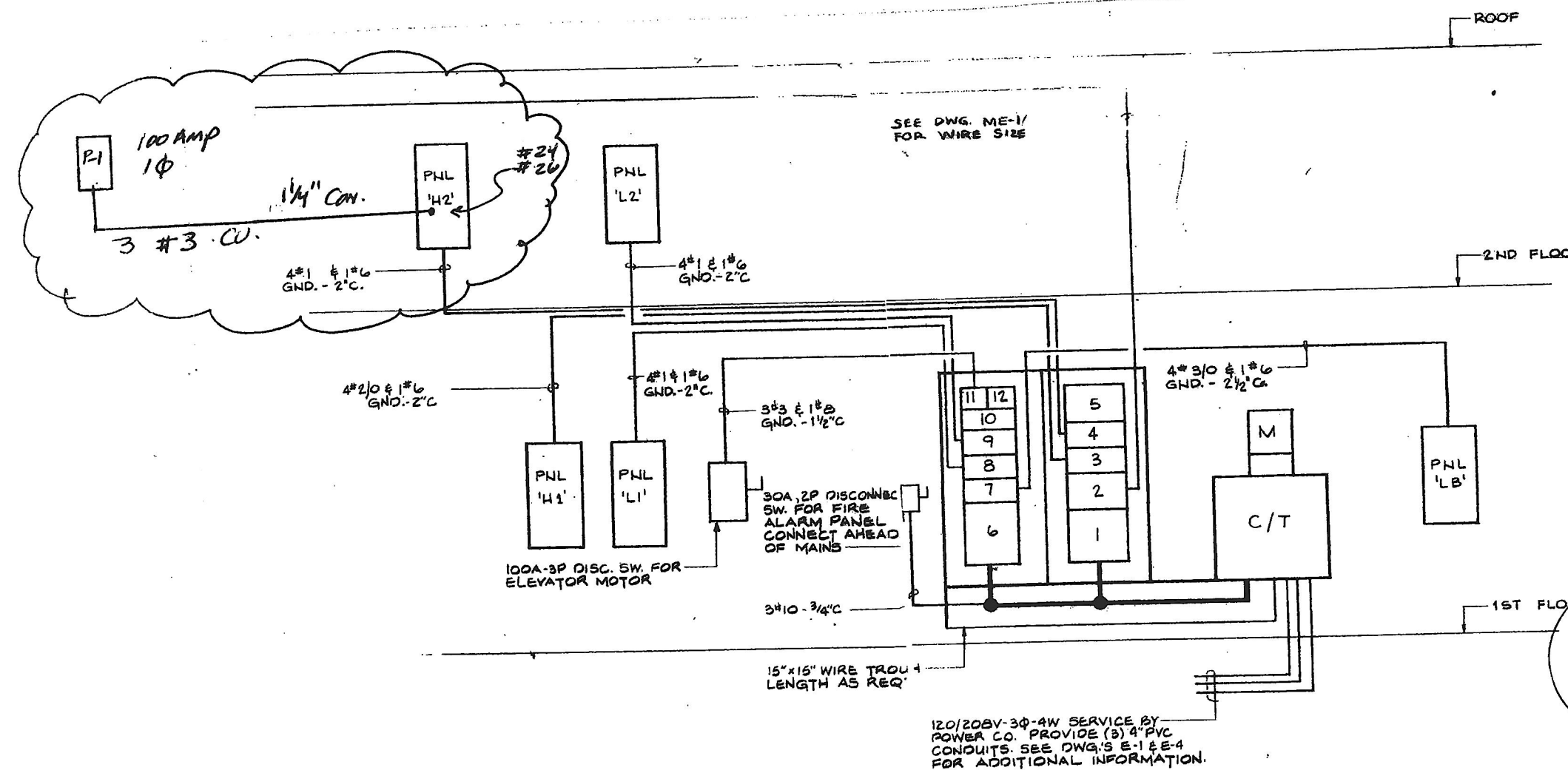
ALL WIRING & PLUGS IN THE PATIENT CARE AREAS TO CONFORM NEC-517 HOSPITAL GRADE CODE

EXIT & EGRESS LIGHTING TO COMPLY WITH ARTICLE 700 OF NEC

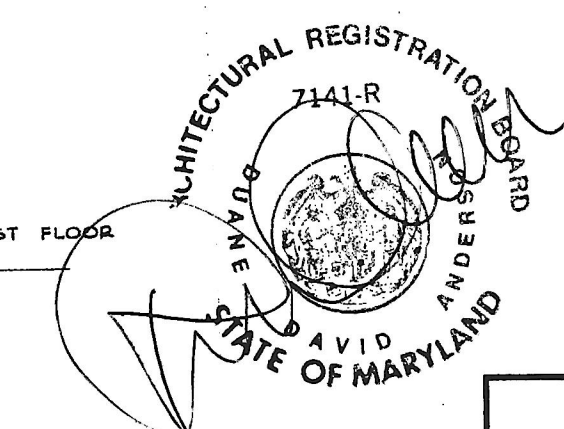
ALL NEW ADDED OUTLETS/SWITCHES/LIGHTS TO RUN BACK TO THE EXISTING ELECTRICAL PANEL

ELECTRICAL LEGEND:

- ⊙ EXIT LIGHT
- ⬆ E EMERGENCY LIGHTS BAT. BACKED
- ◆ NEW PLUGS (G.F.I. AS REQUIRED)
- ◆ DEDICATED PLUGS (G.F.I. AS REQUIRED)
- DU DENTAL CHAIR RECEPTICLE/INSIDE DU BOX
- ▶ TELEPHONE JACKS (VERIFY IN FIELD)
- ▭ 2x4 LAY IN TYPE 4 TUBE FLOR. LIGHTS
- BAR 4 OR 5 LAMP VANITY LIGHT
- ⊖ RECESSED R-30
- ⊙ EXHAUST FAN 100 CFM



POWER RISER DIAGRAM
NO SCALE



ELECTRICAL PLAN
1/4" = 1'-0"

DOBBIN DENTAL

SCALE:	APPROVED BY:	DRAWN BY:
DATE: 8/6/2004		
DRAWING NUMBER		4 OF 4