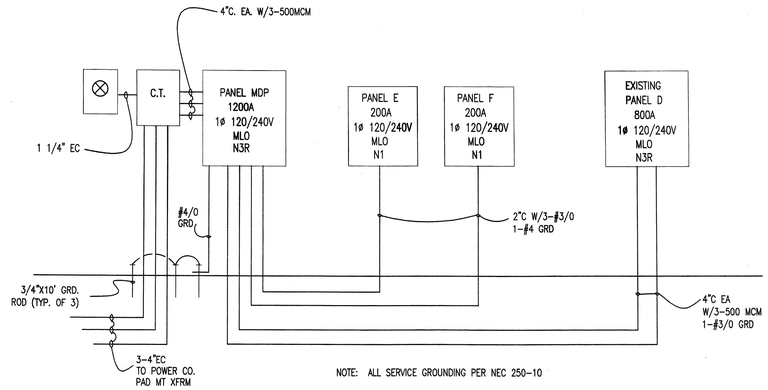

ELECTRICAL RISER DIAGRAM

LIGHTING SCHEDULE

SYMBOL	DESCRIPTION
A	2X4 SURFACE MTD. FLUORESCENT FIXTURE W/WRAP-A-ROUND LENS (4 LAMP)
B	75W INCANDESCENT RECESS LIGHT W/DOWNLIGHT TRIM
C	1X4 SURFACE MTD. FLUORESCENT FIXTURE W/WRAP-A-ROUND LENS (2 LAMP)
D	100W MH OPEN RECESS PORCH LIGHT
E	UNIVERSAL MOUNT EXIT LIGHT W/BATTERY BACKUP
F	BATH VENT
G	TWO-HEAD EMERGENCY LIGHT W/BATTERY BACKUP
H	8 FOOT (2) LAMP FLUORESCENT OPEN STRIP FIXTURE
J	400W MH EXTERIOR WALLPACK
K	175W MH EXTERIOR WALLPACK

ELECTRICAL SCHEDULE

$	ONE WAY SWITCH	S.D.	SMOKE DETECTOR
$3	3 WAY SWITCH	▷	SINGLE GAND E. BOX WITH 1" C TO ATTIC
$D	DIMMER SWITCH	HB	HOSE BIB
	DUPLEX OUTLET	42"	BOTTOM OF RECEPT. 42" A.F.F.
	220V OUTLET		
	GFI		
	DOUBLE DUPLEX		A/C COMPRESSOR
	DOUBLE DUPLEX GFI		

LOAD SUMMARY

ITEM	CONNECTED LOAD (VOLT-AMPS)			DEMAND LOAD (VOLT-AMPS)
LIGHTING	8,976	X 125%	=	11,200
RECEPTACLES (FIRST 10,000 WATTS)	10,000	X 100%	=	10,000
(REMAINING WATTS)	4,500	X 50%	=	2,250
AIR CONDITIONING	0	X 100%	=	0
HEATING	45,000	X 100%	=	45,000
KITCHEN EQUIPMENT	10,000	X 100%	=	10,000
EXISTING BUILDING	116,800	X 100%	=	116,800
MISC.	10,000	X 100%	=	10,000
			TOTAL	205,250 VA

ELECTRICAL NOTES

1. ALL BRANCH WIRING TO BE INSTALLED IN TYPE MC CABLE.
2. ALL EXIT AND EM. LIGHTS TO BE CONNECTED TO NEAREST UNSWITCHED LEG OF CIRCUIT SERVING LIGHTS IN AREA.
3. ALL TELEPHONE & COMPUTER WIRING TO BE FURNISHED & INSTALLED BY OWNER.
4. ALL BATH VENTING BY MECHANICAL CONTRACTOR.
5. ALL EXTERIOR LIGHTING TO BE CONTROLLED BY PHOTO-CELL W/TIMER.
6. ALL EXAM ROOMS AND PATIENT CARE AREAS TO HAVE HOSPITAL GRADE RECEPTACLES AND BE INSTALLED IN HOSPITAL GRADE MC CABLE.
7. ALL TELEPHONE SYMBOLS TO BE SINGLE GANG ELECTRICAL BOX WITH 3/4" CONDUIT TO ACCESSIBLE ATTIC SPACE.
8. ALL RECEPTACLES TO BE 18" A.F.F. UNLESS OTHERWISE NOTED.
9. ALL NEW ELECTRCAL RECEPTACLES, FIXTURES, SWITCHES ETC. SHALL MATCH EXISTING.
10. ALL RECESSED CANS ON DIMMERS, TYP.

PANEL E — 200 AMP — MAIN DEVICE MLO
VOLTAGE 120/240V — 1 PHASE — MOUNTING INDOOR

DESCRIPTION	WIRE SIZE	TRIP AMPS	CKT NO.	CKT NO.	TRIP AMPS	WIRE SIZE	DESCRIPTION
AHU NO. 1	4	80	1	2	40	8	CU NO. 1
" "	"	"	3	4	"	"	" "
AHU NO. 2	4	80	5	6	40	8	CU NO. 1
" "	"	"	7	8	"	"	" "
OFFICE RECEPTACLE	12	20	9	10	20	12	OFFICE RECEPTACLE
OFFICE RECEPTACLE	12	20	11	12	20	12	OFFICE RECEPTACLE
OFFICE RECEPTACLE	12	20	13	14	20	12	OFFICE RECEPTACLE
OFFICE RECEPTACLE	12	20	15	16	20	12	OFFICE RECEPTACLE
OFFICE RECEPTACLE	12	20	17	18	20	12	OFFICE RECEPTACLE
LAB RECEPTACLE	12	20	19	20	20	12	LAB RECEPTACLE
LAB RECEPTACLE	12	20	21	22	20	12	EXTR./STO. RECEPTACLE
			23	24			
			25	26			
			27	28			
			29	30			
			31	32			
			33	34			
			35	36			
			37	38			
			39	40			
			41	42			

REMARKS:

PANEL F — 200 AMP — MAIN DEVICE MLO
VOLTAGE 120/240V — 1 PHASE — MOUNTING INDOOR

DESCRIPTION	WIRE SIZE	TRIP AMPS	CKT NO.	CKT NO.	TRIP AMPS	WIRE SIZE	DESCRIPTION
AHU NO. 3	4	80	1	2	40	8	CU NO. 3
" "	4	80	3	4	"	"	" "
HOT WATER HEATER	10	30	5	6	20	12	REFRIGERATOR
" "	10	30	7	8	20	12	DISHWASHER
KITCHEN RECEPTACLE	12	20	9	10	20	12	GARBAGE DISPOSAL
TELEPHONE BOARD	12	20	11	12	20	12	EXTERIOR LIGHTING
EXTERIOR LIGHTING	12	20	13	14	20	12	EXTERIOR LIGHTING
LIGHTING	12	20	15	16	20	12	LIGHTING
LIGHTING	12	20	17	18	20	12	LIGHTING
LIGHTING	12	20	19	20	20	12	LIGHTING
STORAGE LIGHTING	12	20	21	22			
			23	24			
			25	26			
			27	28			
			29	30			
			31	32			
			33	34			
			35	36			
			37	38			
			39	40			
			41	42			

REMARKS:

PANEL MDF — 1200 AMP — MAIN DEVICE MLO
VOLTAGE 120/240V — 1 PHASE — MOUNTING OUTDOOR

DESCRIPTION	WIRE SIZE	TRIP AMPS	CKT NO.	CKT NO.	TRIP AMPS	WIRE SIZE	DESCRIPTION
PANEL D MAIN	2 RUNS 500 MCM	800	1	2	200	3/0	PANEL E
" "	"	"	3	4	"	"	" "
SPACE	---	---	5	6	200	3/0	PANEL F
" "			7	8	"	"	" "
SPACE	---	---	9	10	---	---	SPACE
" "			11	12			
			13	14			
			15	16			
			17	18			
			19	20			
			21	22			
			23	24			
			25	26			
			27	28			
			29	30			
			31	32			
			33	34			
			35	36			
			37	38			
			39	40			
			41	42			

REMARKS:

NOT FOR CONSTRUCTION **Permit Set**

MARK S. LOPRESTO No. 3892 STATE OF LOUISIANA REGISTERED ARCHITECT

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REVISIONS

Job No:
Date: 07-01-03
Drawn: JWC

A New Addition to:
Medical Oncology LLC
8119 PICARDY AVENUE
Baton Rouge, Louisiana

Sheet No.
E-1.2
Of