

PANEL LP2											
LOAD SERVED	C.B.	CKT.	KVA	KVA	CKT.	C.B.	LOAD SERVED				
LIGHTS	20A/1P	1	1.5	1.7	2	20A/1P	LIGHTS				
		3		1.3	4	20A/1P	LIGHTS				
LIGHTS	20A/1P	5	1.8	0.6	6	20A/1P	LTS X-RAY&MED				
		7		0.7	8	20A/1P	LIGHTS				
LIGHTS HALL	20A/1P	9	1.2		10						
		11		1.6	12	20A/1P	REC RM 1,2,3,4				
REC RECEPTION	20A/1P	13	1.6	0.7	14	20A/1P	REC CAST#1 RM#5				
ENH	00A/2P	15		1.3	16	20A/1P	REC DOC'S AREA				
		17		1.6	18	20A/1P	REC CAST#2 RM6,7,8				
REC STORAGE,HALL	20A/1P	19	1.1	1.6	20	20A/1P	REC BATH RM,NURSE,MEDS,HALL				
REC PT AREA	20A/1P	21	1.3	0.9	22	20A/1P	REC NURSE STATION,HALL				
REC PT AREA	20A/1P	23	1.1	0.8	24	20A/1P	REFRIG				
REC PT AREA	20A/1P	25	1.3	1.4	26	20A/1P	DISHWASHER				
REC TOWEL WARM	20A/1P	27	1.0	1.5	28	20A/1P	REC KITCHEN				
REC TOWEL WARM	20A/1P	29	1.0	1.5	30	20A/1P	REC KITCHEN				
REC TOWEL WARM	20A/1P	31	1.0	5.0	32	20A/2P	DRYER				
LIGHTS PT AREA	20A/1P	33	1.9		34						
WIRE MOLD	20A/1P	35	1.1	1.0	36	20A/1P	WASHER				
WIRE MOLD	20A/1P	37	1.3		38						
WIRE MOLD	20A/1P	39	0.5		40						
		41		1.3	42	20A/1P	WIRE MOLD				
VOLTS: 120/208/3P/4W						MAINS: 250A MCB					
OTHER: _____						MOUNT: RECESSED _____					

NOTES:

- PANEL LP2 IS EXISTING
- LP2:1 WAITING AREA & RECEPTION & BATH RM
- LP2:5 HALL&NURSE STAION & BATH RM
- LP2:2 ROOMS 1,2,3,4,5,&CAST #1
- LP2:4 DR. AREA, ROOMS 6,7,8 & CAST#2
- LP2:8 LAUNDRY,LUNCH RM & STORAGE

LIGHTING FIXTURE SCHEDULE					
FIXTURE TYPE	FIXTURE CATALOG NO.	VOLTAGE	LAMPS	REMARKS	SYMBOLS
A	LITHONIA 2SP8-G-3-32-A12-120	120	3-32 W T-8	2'X4' LAY-IN ACRYLIC PRISM FIXT	
B	LITHONIA 2SP8-G-2-U31-A12-120	120	2-U31-T8	2'X2' LAY-IN ACRYLIC PRISM FIXT	
C	LITHONIA LF6N-2/26TRT-F6B3	120	2-2/26W DTT	6' FL DOWNLIGHT	
X	LITHONIA ELM1254-H2012	120	2-20W 12V	W/SEALED LEAD CALCIUM BATTERY	
X-1	LITHONIA LRP-W-1-GW-120-EL-N	120	INCL	W/SEALED LEAD CALCIUM BATTERY	

- NOTE:1.PROVIDE INSTANT START BALLASTS FOR FLUORESCENT FIXTURES
- 2.EXISTING 2X4 LIGHTING FIXTURES TO BE USED – ABOVE 2X4 FIXTURE IS FOR REFERENCE ONLY. ADDITIONAL FIXTURES TO MATCH EXISTING.

LIGHTING LEGEND

- 2X4 FLUORESCENT
- 2X2 FLUORESCENT
- 6 "DOWNLIGHT
- BATH ROOM FAN
- EXIT LIGHT W/ BATTERY
- EMERGENCY LIGHT W/ BATTERY
- JUNCTION BOX
- LIGHT SWITCH
- LIGHT DIMMER
- EXISTING
- HOME RUN W/ CIRCUIT NO.

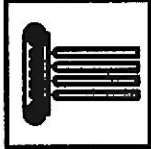
POWER LEGEND:

- DUPLEX RECEPTACLE (+16" AFF TO BOTTOM)
- DUPLEX RECEPTACLE (+35" AFF TO BOTTOM)
- 220 V DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE IN FLOOR
- SURFACE MTD WIREWAY
- JUNCTION BOX
- DISCONNECT
- TELE/DATA OUTLET
- ELECTRICAL PANEL
- DEDICATED DEVICE
- GFI
- GROUND FAULT INTERRUPTION DEVICE
- NIGHT LIGHT
- EXISTING
- HOME RUN W/ CIRCUIT NO.

ELECTRICAL SPECIFICATIONS:

- ALL ELECTRICAL WORK TO BE PERFORMED IN ACCORDANCE WITH THE 2011 EDITION OF THE NATIONAL ELECTRIC CODE (NEC)
- PROVIDE COMPLETED PANEL DIRECTORY UPON COMPLETION OF WORK.
- ALL WIRE TO BE #12 THHN COPPER MINIMUM. PROVIDE EMT WIREWAY FOR ALL EXPOSED WIRING AND FLEXIBLE METAL CONDUIT FOR CONCEALED, AS ACCEPTABLE TO THE LOCAL AUTHORITY. CEILING IS A RETURN AIR PLENUM. USE METALLIC WIREWAYS OR MC CABLE IN CEILING
- CONNECT EMERGENCY, EXIT AND NORMAL LIGHTING FIXTURES TO THE NEAREST UNSWITCHED NORMAL LIGHTING CIRCUIT. EXIT LIGHTS TO BE GREEN
- ALL LIGHTING, MOUNTED IN LAY-IN CEILINGS, SHALL BE INDEPENDENTLY SUPPORTED FROM THE LAY-IN CEILING BY #12AWG WIRE AT TWO OPPOSITE CORNERS OF EACH FIXTURE.
- ALL GROUNDING SHALL BE IN ACCORDANCE WITH NEC CHAPTER 250.
- CONTRACTOR TO INSPECT THE SITE PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR TO REMOVE AND PROTECT ALL EMERGENCY AND NORMAL LIGHTING FIXTURES BETWEEN REMOVAL AND REINSTALLATION.
- PROVIDE BRUSHED STAINLESS STEEL SWITCH PLATES AND RECEPTACLE COVERS. RECEPTACLES & SWITCHES TO BE GRAY.
- ALL WIREWAYS SERVING RECEPTACLES IN TREATMENT ROOM SHALL BE HOSPITAL GRADE BX. LIGHTING FIXTURES IN THESE SPACES TO BE STANDARD BX.
- ELECTRICAL CONTRACTOR SHALL COORDINATE POWER REQUIREMENTS OF MECHANICAL AND PLUMBING EQUIPMENT WITH THE RESPECTIVE CONTRACTORS PRIOR TO THE START OF WORK.
- INSTALL FIRE STOPPING SEALANT IN FIRE RATED WALLS AND FLOOR PENETRATION VOIDS.
- PROVIDE APPROVED HANDLE TIES FOR ALL MULTI-WIRE BRANCH CIRCUITS, IN ACCORDANCE WITH NEC 210.4, SO THAT ALL CIRCUITS WILL BE OPENED IN THE SAME WIREWAY.
- LABEL RECEPTACLES WITH CIRCUIT NUMBERS USING PERMANENT TAPE WITH PRINTED TEXT.
- CONTRACTOR TO INSPECT EXISTING X-RAY EQUIPMENT PRIOR TO MOVING TO THIS LOCATION. PROVIDE COMPATIBLE WIRING AND DEVICES FOR THIS LOCATION.
- SURFACE MOUNTED WIREWAY TO BE EQUIVALENT TO WIREMOLD SERIES 2000 WITH NEMA 5-15R RECEPTALCES AT 12" O/C. MOUNTED AT 35" AFF.
- ALL RECEPTACLES IN EXAM ROOMS, NURSING, XRAY & CAST ROOMS TO BE HOSPITAL GRADE (HG).
- WIREWAYS SERVING OTHER NON-TREATMENT SPACES TO BE STANDARD BX. CEILING IS RETURN PLENUM.
- CIRCUITS SERVING TREATMENT ROOMS MUST BE RUN DIRECTLY TO THE PANEL.
- FEEDER SERVING THE X-RAY MACHINE WILL BE FED FROM THE MDP IN THE FIRST FLOOR ELECTRIC ROOM, USING AN EXISTING SPARE BREAKER. RUN FEEDER IN EMT FROM MDP TO DISCONNECT LOCATED IN THE X-RAY ROOM.
- FEEDERS SERVING THE EQUIPMENT NEED TO BE IDENTIFIED AT EACH CONNECTION, USING THE NEC COLOR CODING CRITERIA.

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INTERIOR TENANT ALTERATION TO AN EXISTING OFFICE BUILDING:

ORTHOMD

1512 BELLONA AVE. LUTHERVILLE, MARYLAND 21093

Date: 12/12/12

Revisions		
No.	Date	Reference
1	2.5.13	PRICING

Drawing Title
SCHEDULES,
SPECS &
LEGENDS
1/4" = 1'-0"

Drawing Number

E-3

I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the law of the State of Maryland, license number 9240, expiration date, May 31, 2013.