

LIGHTING FIXTURE SCHEDULE					
MARK	LAMPS	VOLTAGE	MANUFACTURER AND CATALOG NO.	MOUNTING	NOTES
A	3F32	277	COLUMBIA # JTB24-332G-FSA15-EU-PAF OR APPROVED EQUAL	GRID	
B	3F32	277	COLUMBIA # P4D24-332G-MA36-S-EU-PAF OR APPROVED EQUAL	GRID	
C	2F32	277	COLUMBIA # CS4-232-EU-PAF-CSR4-CSWG4 OR APPROVED EQUAL	SURFACE	
D	2F32	277	COLUMBIA # JTB24-232G-FSA15-EU-PAF OR APPROVED EQUAL	GRID	
E	4F32	277	COLUMBIA #JTB24-432-FSA15-EU-PAF OR APPROVED EQUAL	GRID	
F	TSF39	277	ADVENT # AW 10474-IF39-277-FP04 PR APPROVED EQUAL	WALL	1:
G	26W TRT	277	INTENSE # IF426AD27/ICF40 OR APPROVED EQUAL	UNIVERSAL	
H	24W5 HO	277	TECH LIGHTING # SOLAGE 700BSC1C26W SCF277 SATIN NICKEL FINISH OR APPROVED EQUAL	WALL	1:
X1	LED	277	DUAL-LITE # SESRWE-1 OR APPROVED EQUAL	UNIVERSAL	2:
X2	LED	277	DUAL-LITE # SESRWE-2 OR APPROVED EQUAL	UNIVERSAL	2:
1: COORDINATE MOUNTING HEIGHTS AND LOCATION TO MATCH EXISTING INSTALLATIONS ON LOWER FLOORS. 2: THIS FIXTURE SHALL BE UNSWITCHED.					

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2: THIS FIXTURE SHALL BE UNSWITCHED.

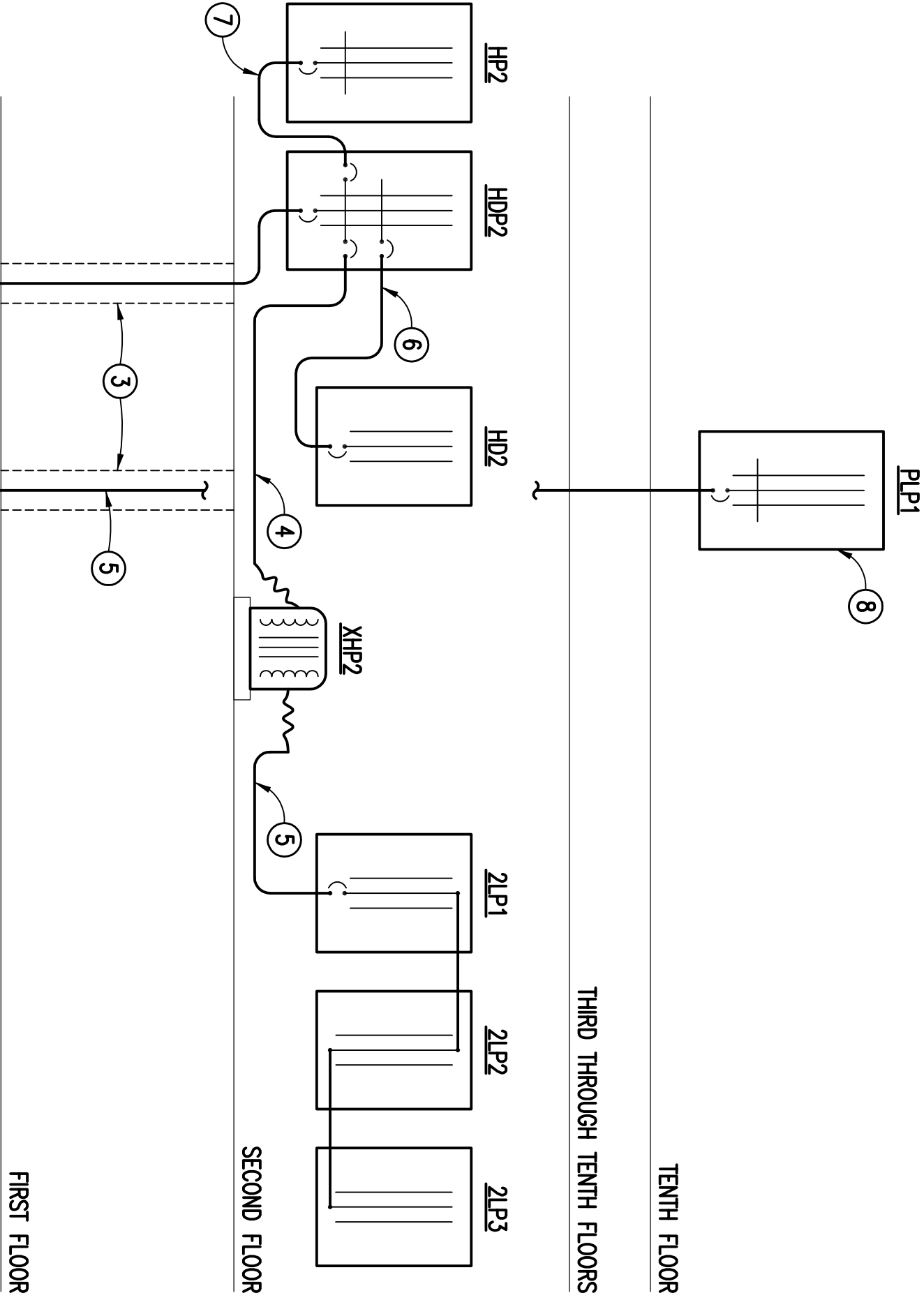
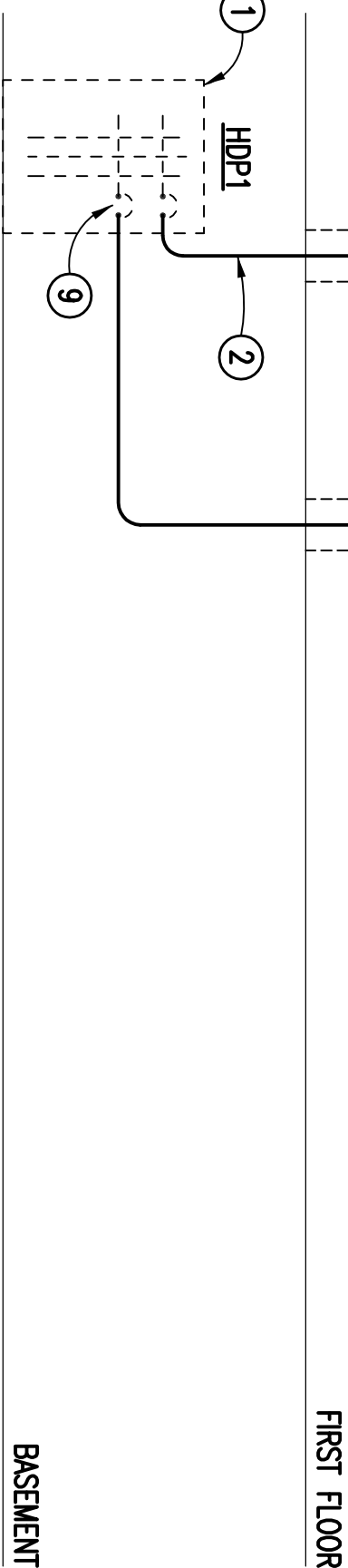
PANEL HP2 ① VOLTAGE 277/480V, 3Ø, 4W										TYPE SURFACE MANS 100A M.B.						
POLE	TRIP	CONDUCTOR	CONDUIT	DESIGNATION	KVA	NO	PHASE			NO	KVA	DESIGNATION	CONDUIT	CONDUCTOR	TRIP	POLE
							ØA	ØB	ØC							
1	20	2#12#12G	3/4"	LIGHTING (2)	2.1	1	2.1			2	-	SPARE	-	-	20	1
1	20	2#12#12G	3/4"	LIGHTING (2)	2.4	3		2.2		4	-	SPARE	-	-	20	1
1	20	2#12#12G	3/4"	LIGHTING (2)	2.2	5			2.4	6	-	SPARE	-	-	20	1
1	20	2#12#12G	3/4"	LIGHTING (2)	2.1	7	2.1			8	-	SPARE	-	-	20	1
1	20	2#12#12G	3/4"	LIGHTING (2)	2.4	9		2.2		10	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	11				12	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	13	-			14	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	15				16	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	17				18	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	19	-			20	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	21				22	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	23				24	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	25	-			26	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	27				28	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	29				30	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	31	-			32	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	33				34	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	35				36	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	37	-			38	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	39				40	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	41				42	-	SPARE	-	-	20	1
TOTAL:					4.2	42	4.4	2.4			MINIMUM 18,000 A.L.C. RATING					
MAKE ALL REQUIRED CONNECTIONS AND PROVIDE ALL CABLING AS REQUIRED SO THAT POWERLINK G3 3000 SYSTEM IS CONNECTED TO THE INTERNET AND FULLY OPERATIONAL. PROVIDE ALL PROGRAMMING AS REQUIRED AND EDUCATE/TRAIN USERS TO ACCESS SYSTEM VIA INTERNET AND TO PROGRAM SYSTEM TO CONTROL LIGHTING FUNCTIONS.										② COORDINATE CONTROL OF LIGHTING TO BE CONSISTENT WITH SIMILAR SPACES AT BASEMENT FLOOR AND FIRST FLOOR.						

PANEL <u>HD2</u> VOLTAGE <u>277/480V, 3Ø, 4W</u>										TYPE <u>SURFACE</u> MAINS <u>100A M.B.</u>						
POLE	TRIP	CONDUCTOR	CONDUIT	DESIGNATION	KVA	NO	PHASE			NO	KVA	DESIGNATION	CONDUIT	CONDUCTOR	TRIP	POLE
							ØA	ØB	ØC							
1	20	<u>2#12#12G</u>	<u>3/4"</u>	LIGHTING	0.2	1	7.7	7.5	7.5	2	7.5	AHU-1	1"	<u>3#6#10G</u>	50	3
1	20	-	-	SPARE	-	3	-	-	-	4	7.5	-	-	-	-	-
1	20	-	-	SPARE	-	5	-	-	-	6	7.5	-	-	-	-	-
1	20	-	-	SPARE	-	7	0.4	-	-	8	0.4	EXHAUST FAN	<u>3/4"</u>	<u>3#12#12G</u>	20	3
1	20	-	-	SPARE	-	9	-	0.4	-	10	0.4	-	-	-	-	-
1	20	-	-	SPARE	-	11	-	-	0.4	12	0.4	-	-	-	-	-
1	20	-	-	SPARE	-	13	0.4	-	-	14	0.4	EXHAUST FAN	<u>3/4"</u>	<u>3#12#12G</u>	20	3
1	20	-	-	SPARE	-	15	-	0.4	-	16	0.4	-	-	-	-	-
1	20	-	-	SPARE	-	17	-	-	0.4	18	0.4	-	-	-	-	-
1	20	-	-	SPARE	-	19	-	-	-	20	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	21	-	-	-	22	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	23	-	-	-	24	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	25	-	-	-	26	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	27	-	-	-	28	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	29	-	-	-	30	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	31	-	-	-	32	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	33	-	-	-	34	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	35	-	-	-	36	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	37	-	-	-	38	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	39	-	-	-	40	-	SPARE	-	-	20	1
1	20	-	-	SPARE	-	41	-	-	-	42	-	SPARE	-	-	20	1
TOTAL:					8.5	8.3	8.3	MINIMUM 18,000 A.L.C. RATING								

NOTES:

(ELECTRICAL RISER DIAGRAM ONLY)

- ① EXISTING SQUARE '0', 1200 AMP M.L.O., 480V/277, 3Ø, 4 WIRE, 3ØK A.L.C., ELECTRICAL PANEL HDP1 LOCATED IN BASEMENT ELECTRICAL CLOSET. SEE PARTIAL ELECTRICAL EXISTING HOSPITAL FLOOR PLAN SHEET ES02 FOR APPROXIMATE LOCATIONS.
- ② ROUTE 4#500KCMIL #3Ø, 4" C, MAKE ALL CONNECTIONS TO EXISTING 400A/3Ø BREAKER IN PANEL HDP1 FOR 2" AND 3" FLOORS.
- ③ COORDINATE ROUTING OF NEW CONDUIT AND CONDUCTORS THROUGH EXISTING ELECTRICAL CHASE ON FIRST FLOOR.
- ④ HDP2-3Ø, 4Ø, 42.
- ⑤ ROUTE 4#2 #ØG; -1/2" C.
- ⑥ HDP2-3Ø, 3Ø, 3Ø.
- ⑦ HDP2-2Ø, 2Ø, 2Ø.
- ⑧ PANEL P1P1 TO BE LOCATED IN ELEVATOR EQUIPMENT ROOM.
- ⑨ MAKE ALL CONNECTIONS TO EXISTING SPARE 100A/3Ø BREAKER IN HDP1.



three-eighths inch = one foot

one-half inch = one foot

three-quarters inch = one foot

one inch = one foot

one-eighth inch = one foot

one-quarter inch = one foot

Revisions	Date

Toland ♦ Mizell ♦ Molnar, LLC
590 MEANS STREET NW,
SUITE 200
ATLANTA, GA, 30318
404-214-9774

LEGEND, SCHEDULES,
AND DETAILS
ELECTRICAL

2ND FLOOR OUTPATIENT
MENTAL HEALTH

Building Number	Checked	Drawn
BLDG 1 SOUTH WING	RBP	TWG
Location	VA MEDICAL CENTER SHREVEPORT, LOUISIANA	

100% REVIEW
SUBMITTAL

05-25-2011

Project No.
VA256-C-1047

Project Title
2ND FLOOR OUTPATIENT
MENTAL HEALTH

Project No.
E601

Project Title
2ND FLOOR OUTPATIENT
MENTAL HEALTH

Veterans
Administration

05-25-2011

ELECTRICAL LEGEND	
LIGHT FIXTURES - SEE LIGHTING FIXTURE SCHEDULE	
	RECESSED GRID-MOUNTED FLUORESCENT
	SURFACE-MOUNTED FLUORESCENT
	FLUORESCENT ON EGRESS CIRCUIT
	WALL-MOUNTED INCANDESCENT
	CEILING-MOUNTED
	EXIT (WALL, CEILING)
CONVENIENCE OUTLETS	
	DUPLEX (WP=WEATHERPROOF)(G=GROUND-FULT CIRCUIT-INTER interrupting)(C=ISOLATED GROUND)
	QUADPLEX RECEPTACLE
	ABOVE-COUNTER DUPLEX RECEPTACLE
	JUNCTION BOX WALL CEILING
	WALL MOUNTED TELECOMMUNICATIONS (DATA AND VOICE) OUTLET. (X = # OF VOICE/Y = # OF DATA)
	CABLE TELEVISION OUTLET AT 18" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE
SWITCH OUTLETS	
	SPST TOGGLE SWITCH
	3-WAY SWITCH
	WALL MOUNTED OCCUPANCY SENSOR
	CEILING MOUNTED OCCUPANCY SENSOR
	MOTOR-RATED SWITCH
CIRCUITS	
	RACEWAY IN CEILING OR WALL
	FLEXIBLE RACEWAY
	HOME RUN (ONE ARROW PER CIRCUIT)
	CONDUIT (UP, DOWN)
	EXPOSED RACEWAY
GENERAL EQUIPMENT	
	DISCONNECT SWITCH (F=FUSED, N=NON-FUSED)
	COMBINATION STARTER/DISCONNECT
	STARTER
	SPEAKER FOR PA SYSTEM
	POWER PACK FOR OCCUPANCY SENSOR
	208/120V, 3Ø, 4W ELECTRICAL PANELBOARD (FLUSH MOUNTED, SURFACE)
	480/277V, 3Ø, 4W ELECTRICAL PANELBOARD (FLUSH MOUNTED, SURFACE)
	TRANSFORMER
	CAMERA (PTZ - PAN/TILT/ZOOM)
	PANIC ALARM EMERGENCY STATION
	PANIC ALARM LIGHT ABOVE DOOR, 7'-9" TO CENTER
	PANIC ALARM MONITORING STATION
FIRE ALARM EQUIPMENT	
	FIRE ALARM PULL STATION
	FIRE ALARM COMBINATION AUDIBLE/VISIBLE APPLIANCE
	FIRE ALARM VISIBLE APPLIANCE
	SMOKE DETECTOR
	HEAT DETECTOR
	DUCT-MOUNTED SMOKE DETECTOR
	FIRE ALARM CONTROL PANEL (FLUSH MOUNTED, SURFACE)
	FIRE ALARM ANNUNCIATOR PANEL (FLUSH MOUNTED, SURFACE)
	MAGNETIC HOLD OPEN DEVICE
ABBREVIATIONS	
3Ø	THREE PHASE
4W	FOUR WIRE
A.C.	UL LISTED, INTERRUPTING CAPACITY-RMS SYMMETRICAL AMPERES
A, AMP	AMPERES
C, CD.	CONDUIT
HP	HORSEPOWER
KVA	KILOVOLT-AMPERES
KW	KILOWATTS
M.B.	MAIN BREAKER
M.L.O.	MAIN LUGS ONLY
W	WATT
LINE TYPES	
NEW WORK PLANS	
NEW WORK AND EQUIPMENT	
EXISTING EQUIPMENT TO REMAIN OR OTHERWISE NOTED	
DEMOLITION PLANS	
EXISTING EQUIPMENT TO BE REMOVED	
EXISTING EQUIPMENT TO REMAIN OR OTHERWISE NOTED	