

PANELBOARD: MDP	VOLTAGE: 208Y120V, 3ø, 4W	COPPER BUS RATING: 1200A	MAIN: 1200A M.L.O.	TOTAL CONNECTED VA: 255004
LOCATION: ELEC ROOM	MFG. AND TYPE: SQUARE-D I-LINE	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: -	TOTAL A Ø : 89011
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 55K	FED FROM: MAIN DISCONNECT	TOTAL B Ø : 80412
LOAD (VA)				TOTAL C Ø : 85581
AØ BØ CØ	SERVES	P/T NO. ABC ØØØ	CIR. NO. T	SERVES
28954	PANEL EDP	3 1	2	PANEL LP1
29880	-	3 1	2	-
27340	-	3 1	2	-
11568	PANEL LP2	3 1	2	PANEL LP3
10531	-	3 1	2	-
9787	-	3 1	2	-
18044	PANEL LP4	3 1	2	PANEL LP5
17098	-	3 1	2	-
17728	-	3 1	2	-
-	TVSS	3 1	2	-
-	-	3 1	2	-
-	-	3 1	2	-

PANELBOARD: EDP	VOLTAGE: 208Y120V, 3ø, 4W	COPPER BUS RATING: 400A	MAIN: 400A M.L.O.	TOTAL CONNECTED VA: 86274
LOCATION: ELEC ROOM	MFG. AND TYPE: SQUARE-D I-LINE	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: -	TOTAL A Ø : 28954
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 42K	FED FROM: PANEL MDP	TOTAL B Ø : 29980
LOAD (VA)				TOTAL C Ø : 27340
AØ BØ CØ	SERVES	P/T NO. ABC ØØØ	CIR. NO. T	SERVES
7068	PANEL ELP	3 1	2	AHU-1 SUPPLY FAN
8094	-	3 1	2	-
5454	-	3 1	2	-
3863	AHU-2 SUPPLY FAN	3 1	2	AHU-1 EXHAUST FAN
3863	-	3 1	2	-
2099	AHU-2 EXHAUST FAN	3 1	2	AHU-3 SUPPLY FAN
2099	-	3 1	2	-
2099	-	3 1	2	-
2099	AHU-3 EXHAUST FAN	3 1	2	PUMP
2099	-	3 1	2	100A SLOT
2099	-	3 1	2	-

PANELBOARD: ELP	VOLTAGE: 208Y120V, 3ø, 4W	COPPER BUS RATING: 100A	MAIN: 100A M.L.O.	TOTAL CONNECTED VA: 21616
LOCATION: ELEC ROOM	MFG. AND TYPE: SQUARE-D I-LINE	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: -	TOTAL A Ø : 7568
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 18K	FED FROM: PANEL EDP	TOTAL B Ø : 8094
LOAD (VA)				TOTAL C Ø : 5954
AØ BØ CØ	SERVES	P/T NO. ABC ØØØ	CIR. NO. T	SERVES
1308	LIGHTS-101,102,113,117,118,119,133	3 1	2	LIGHTING RELAY PANEL RP
838	LIGHTS-137,144,155,159,166	3 1	2	FACP
648	LIGHTS-170,171,191	3 1	2	FACP
364	LIGHTS-EXTERIOR	3 1	2	FACP
500	ACCESS CONTROL PANEL	3 1	2	DOOR LATCH POWER SUPPLY
936	UNIT HEATER	3 1	2	DOOR LATCH POWER SUPPLY
936	1-P4	3 1	2	DOOR LATCH POWER SUPPLY
936	-	3 1	2	BOILERS
936	-	3 1	2	HVAC CONTROLS PANEL
-	SPARE	3 1	2	LIGHTS-BEDROOMS
-	SPARE	3 1	2	1320
-	1320	3 1	2	DOOR LATCH POWER SUPPLY
-	SPARE	3 1	2	DOOR LATCH POWER SUPPLY
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE

PANELBOARD: LP1	VOLTAGE: 208Y120V, 3ø, 4W	COPPER BUS RATING: 225A	MAIN: 225A M.L.O.	TOTAL CONNECTED VA: 53946
LOCATION: ELEC ROOM	MFG. AND TYPE: SQUARE-D "NO"	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: -	TOTAL A Ø : 20798
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 35K	FED FROM: PANEL MDP	TOTAL B Ø : 13588
LOAD (VA)				TOTAL C Ø : 19560
AØ BØ CØ	SERVES	P/T NO. ABC ØØØ	CIR. NO. T	SERVES
864	LIGHTS-137,144,159	3 1	2	REFRIGERATOR 150
1088	LIGHTS-155A,156,163,164,166	3 1	2	DISHWASHER 150
1344	LIGHTS-146,147,148,149,150,152,151	3 1	2	MICROWAVE 150
874	LIGHTS-138,139,140,141,142,157	3 1	2	RECPTS-150,151
1020	LIGHTS-136,167	3 1	2	STOVE 150
896	LIGHTS-153,154	3 1	2	RECPTS-151,152,153
720	LIGHTS-148	3 1	2	REFRIGERATOR 153
1080	RECPTS-143,157,158,160	3 1	2	DISHWASHER 150
1080	RECPTS-141,142,139,140	3 1	2	STOVE 153
1000	REFRIGERATOR 142	3 1	2	RECPTS-153
1080	RECPTS 165,168	3 1	2	RECPTS-154,165
720	RECPTS 163,164	3 1	2	VENDING MACHINE 156
720	RECPTS-137,155,159,166	3 1	2	VENDING MACHINE 156
1080	RECPTS-136,138,161,162	3 1	2	VENDING MACHINE 156
1000	REFRIGERATOR 136	3 1	2	SINK SENSOR TRANSFORMER
1200	MICROWAVE 136	3 1	2	EF-6
1200	DISHWASHER 136	3 1	2	HOOD CONTROL INPUT
1200	TOILET SENSOR TRANSFORMER	3 1	2	HOOD LIGHTS
700	EF-5	3 1	2	SHUNT
100	HOOD CONTROL INPUT	3 1	2	SPARE
50	SHUNT	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE

PANELBOARD: LP2	VOLTAGE: 208Y120V, 3ø, 4W	COPPER BUS RATING: 225A	MAIN: 225A M.L.O.	TOTAL CONNECTED VA: 31886
LOCATION: ELEC ROOM	MFG. AND TYPE: SQUARE-D "NO"	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: -	TOTAL A Ø : 11568
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22K	FED FROM: PANEL MDP	TOTAL B Ø : 10531
LOAD (VA)				TOTAL C Ø : 9787
AØ BØ CØ	SERVES	P/T NO. ABC ØØØ	CIR. NO. T	SERVES
1000	LIGHTS-114,115,116,117,118,119	3 1	2	RECPTS-111,112
675	LIGHTS-PARKING LOT	3 1	2	RECPTS-114,115,116
675	-	3 1	2	RECPTS-117,118
768	LIGHTS-113,123	3 1	2	RECPTS-116,119,120
1104	LIGHTS-101,102,113,129,133	3 1	2	RECPTS-111,110
1152	LIGHTS-107,108,109,110,111,112	3 1	2	RECPTS-110,109
960	LIGHTS-103,104,105,106,125,126	3 1	2	RECPTS-108,109
832	LIGHTS-128,130,131,132,134	3 1	2	RECPTS-121,122,130
1080	RECPTS-102,134,EXTERIOR	3 1	2	RECPTS-123,125,126,127
720	RECPTS-133	3 1	2	RECPTS-107,108
720	RECPTS-132	3 1	2	RECPTS-106,107
900	720 RECPTS-134	3 1	2	WATER FOUNTAIN
900	LIGHTS-PARKING LOT	3 1	2	WATER FOUNTAIN
900	-	3 1	2	RECPTS-128,131,132
300	FAUCET SENSOR TRANSFORMER	3 1	2	RECPTS-105,106
1000	GENERATOR HEATER,CHARGER	3 1	2	RECPTS-190
180	RECPTS-117	3 1	2	RECPTS-104,105
-	TOILET & SINK SENSOR TRANSFORMER	3 1	2	RECPTS-103
-	TOILET SENSOR TRANSFORMER	3 1	2	RECPTS-102,133
-	SINK SENSOR TRANSFORMER	3 1	2	SINK SENSOR TRANSFORMER
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE

PANELBOARD: LP3	VOLTAGE: 208Y120V, 3ø, 4W	COPPER BUS RATING: 225A	MAIN: 225A M.L.O.	TOTAL CONNECTED VA: 41202
LOCATION: ELEC ROOM	MFG. AND TYPE: SQUARE-D "NO"	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: -	TOTAL A Ø : 14819
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 10K	FED FROM: PANEL MDP	TOTAL B Ø : 12615
LOAD (VA)				TOTAL C Ø : 13768
AØ BØ CØ	SERVES	P/T NO. ABC ØØØ	CIR. NO. T	SERVES
675	LIGHTS-PARKING LOT	3 1	2	RECPTS-170,177
675	-	3 1	2	REFRIGERATOR 172
672	LIGHTS-COORDIOR BED WING	3 1	2	MICROWAVE 172
840	LIGHTS-COORDIOR BED WING	3 1	2	RECPTS-176
1320	LIGHTS-173,175,176,179,180	3 1	2	RECPTS-179
1232	LIGHTS-181,182,183,184,185,186,187	3 1	2	RECPTS-175
1000	LIGHTS-194,195,196,197,198,199,200	3 1	2	RECPTS-180
616	LIGHTS-189,190,192,193	3 1	2	RECPTS-181
900	RECPTS-187	3 1	2	RECPTS-171,172,173,200
900	RECPTS-195	3 1	2	RECPTS-182
900	RECPTS-188	3 1	2	RECPTS-183
900	RECPTS-194	3 1	2	RECPTS-184
900	RECPTS-189	3 1	2	RECPTS-191, EXTERIOR
900	RECPTS-193	3 1	2	RECPTS-199, 201
900	RECPTS-190	3 1	2	RECPTS-185
900	RECPTS-192	3 1	2	RECPTS-197
1200	TOILET SENSOR TRANSFORMER	3 1	2	RECPTS-186
1200	SINK SENSOR TRANSFORMER	3 1	2	RECPTS-196
1200	SINK SENSOR TRANSFORMER	3 1	2	SINK SENSOR TRANSFORMER
-	SPARE	3 1	2	TOILET SENSOR TRANSFORMER
-	SPARE	3 1	2	SINK SENSOR TRANSFORMER
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE

PANELBOARD: LP4	VOLTAGE: 208Y120V, 3ø, 4W	COPPER BUS RATING: 225A	MAIN: 225A M.L.O.	TOTAL CONNECTED VA: 52868
LOCATION: ELEC ROOM	MFG. AND TYPE: SQUARE-D "NO"	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: -	TOTAL A Ø : 18044
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 35K	FED FROM: -	TOTAL B Ø : 17098
LOAD (VA)				TOTAL C Ø : 17728
AØ BØ CØ	SERVES	P/T NO. ABC ØØØ	CIR. NO. T	SERVES
720	RECPTS-136	3 1	2	LIGHTS-EXTERIOR
1080	RECPTS-167	3 1	2	LANDSCAPE IRRIGATION CONTROLLER
1200	EW-166	3 1	2	TREADMILL
1080	RECPTS-169	3 1	2	TREADMILL
360	RECPTS-WEST EXTERIOR	3 1	2	RECPTS-150
900	RECPTS-178, EXTERIOR	3 1	2	DRYER 154
1000	HEAT TAPE-GFI BREAKER	3 1	2	DRYER 154
540	RECPTS-173	3 1	2	DRYER 154
400	RECPTS-GENERATOR,CHILLER	3 1	2	DRYER 154
720	RECPTS-165	3 1	2	DRYER 154
720	RECPTS-163	3 1	2	DRYER 154
3035	P-1	3 1	2	WASHER 154
3035	-	3 1	2	WASHER 154
3035	P-2	3 1	2	WASHER 154
3035	-	3 1	2	FAUCET SENSOR TRANSFORMERS
-	RECPTS-148	3 1	2	EF-1
-	SPARE	3 1	2	EF-2
-	SPARE	3 1	2	EF-3
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE

PANELBOARD: LP5	VOLTAGE: 208Y120V, 3ø, 4W	COPPER BUS RATING: 100A	MAIN: 100A M.L.O.	TOTAL CONNECTED VA: 10628
LOCATION: ELEC ROOM	MFG. AND TYPE: SQUARE-D "NO"	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL A Ø : 3128
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 18K	FED FROM: PANEL MDP	TOTAL B Ø : 3500
LOAD (VA)				TOTAL C Ø : 4000
AØ BØ CØ	SERVES	P/T NO. ABC ØØØ	CIR. NO. T	SERVES
528	EF-4	3 1	2	WATER HEATERS
500	LANDSCAPE IRRIGATION CONTROLLER	3 1	2	GARBAGE DISPOSAL
1000	GARBAGE DISPOSAL	3 1	2	DISHWASHER
1000	GARBAGE DISPOSAL	3 1	2	MICROWAVE
1000	WATER COOLER	3 1	2	GARBAGE DISPOSAL
1000	DISHWASHER	3 1	2	GARBAGE DISPOSAL
100	WATER/GAS METER	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE
-	SPARE	3 1	2	SPARE

LIGHT FIXTURE SCHEDULE			
TYPE	MANUFACTURER OR EQUAL	LAMPS	REMARKS
A	COLUMBIA #JTB 24-332G-FSA12125-EPU	3-32W T8	RECESSED 2'X4' FLUORESCENT LIGHT FIXTURE W/PRISMATIC LENS. ELECTRONIC, <10% THD.
B	COLUMBIA #JTB 24-232G-FSA12125-EPU	2-32W T8	RECESSED 2'X4' FLUORESCENT LIGHT FIXTURE W/PRISMATIC LENS. ELECTRONIC, <10% THD.
C	PRESCOLITE #CFT632HEB-WN26-STF602H	1-26W CFL	RECESSED 6" HORIZONTAL COMPACT FLR CAN FIXTURE. BAR HANGERS. ELECTRONIC, <10% THD.
D	PRESCOLITE #CBX-120V-TL30-TCA1	1-13W CFL	6" RECESSED COMPACT FLUORESCENT SHOWER LIGHT WITH DROPPED LENS.
E	KENALL #HADL6HF 1 32P SB 120V 2FW PAH CS 2	1-32W CFL	6" RECESSED COMPACT FLUORESCENT DOWN LIGHT WITH VANDAL RESISTANT LENS. PROGRAM START BALLAST. *
F	COLUMBIA #K4-232-EPU-PAP-CSWG4-KHC EL	2-32W T8	4" FLUORESCENT STRIP LIGHT FIXTURE W/ CHAIN HANGERS, AND WIRE GUARD. MOUNT AT 9' AFG.
G	HUBBELL #LOC-12LU-SK-1	1-12W LED	WALL MOUNTED LED EGRESS LIGHT FIXTURE. MOUNT AT 9' AFG.
H	COLUMBIA #WAL 2-1 17-EP U	1-17W T8	WALL MOUNTED FLUORESCENT LIGHT FIXTURE. MOUNT ABOVE MIRROR.
J	-	-	-
K	KENALL #HADL6HF 1 13Q SB 120V 2FW PAH CS 2	1-13W CFL	6" RECESSED COMPACT FLUORESCENT DOWN LIGHT WITH VANDAL RESISTANT LENS. PROGRAM START BALLAST.
L	DUALITE #SE S R W	LED	LED EXIT LIGHT FIXTURE. DIE-CAST ALUMINUM.
M	KIM #1SA WP9LE4 400PMH208 X A-31 HS	1-400W PMH	HID POLE MTD AREA FIXTURE. PHOTOCELL. HOUSE SIDE SHIELD. 25' POLE. MATCH FINISH TO EXISTING SITE LIGHTS
N	KIM #2SB WP9LE4 400PMH208 X A-31 HS	1-400W PMH	HID POLE MTD AREA FIXTURE. PHOTOCELL. HOUSE SIDE SHIELD. 25' POLE. MATCH FINISH TO EXISTING SITE LIGHTS

- NOTES:
- ALL FIXTURES SHALL BE PAINTED AFTER FABRICATION.
  - VERIFY ALL FIXTURE COLORS - THE COLOR AND FINISHES ARE TO BE SELECTED BY THE ARCHITECT AT NO ADDITIONAL COSTS. THE CONTRACTOR SHALL INCLUDE COST OF ARCHITECT COLOR SELECTION OF LIGHT FIXTURE IN BID.
  - COORDINATE ALL FIXTURES MOUNTING TYPE AND HEIGHT WITH ARCHITECTURAL REFLECTED CEILING PLAN.
  - BALLASTS MUST BE 10%THD AND PROGRAM START.
- \* PROVIDE TAMPER PROOF FASTENERS FOR LIGHT FIXTURE TRIM.

FULLY SPRINKLERED  
100% CONSTRUCTION DOCUMENTS

Revisions:	Date	CONSULTANTS:	ARCHITECT / ENGINEERS:	Drawing Title	Project Title	Project Number	Office of Facilities Management
		PETTIT & PETTIT Consulting Engineers, Inc.	TAOGART ARCHITECTS	RESIDENTIAL TREATMENT BUILDING ELECTRICAL SCHEDULES & DIAGRAMS	Renovate Leroy Pond Army Reserve Center for Mental Health Residential Rehabilitation Treatment/ Police Training	564-341	
		Heritage West Building, Suite 400	4500 Burrow Drive North Little Rock, AR 72116	Approved: Project Director	Location Fayetteville, AR	Building Number	
		201 East Markham Street	Phone: 501-758-7443		Date 9/7/12	Drawing Number E-602	
		Little Rock, Arkansas 72201-1631 Telephone [501] 374-3731	Fax: 501-753-7309		Checked ADA	Dwg. 118 of 126	
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