

3/28/2018 10:44:10 AM P:\COMMERCIAL\2016 PROJECT IN-BOX\2016-139 New Restroom at Durr Field\5 - Drawing Info.c. Revit\16139 Durr Field Restrooms - ELEC.rvt
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 THIS SHEET PLOTS ON 22" x 34" ANSI D 1/2" = 1"

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

Branch Panel: P

Location: ELECT. 106
 Supply From:
 Mounting: Surface
 Enclosure: Type 1

Volts: 120/240 Single
 Phases: 1
 Wires: 3

A.I.C. Rating: 22,000
 Mains Type: MAIN BREAKER
 Mains Rating: 200 A
 MCB Rating: 150 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	CKT	
1	LIGHTING	20 A	1	52 VA	180 VA			RECEPTACLE	2	
3	EXHAUST FAN	20 A	1			200 VA	546 VA	LIGHTING	4	
5	HAND DRYER	20 A	1	530 VA					6	
7	RECEPTACLE	20 A	1			540 VA			8	
9	UNIT HEATER - UH-1A	30 A	2	2000 VA	2250 VA			WATER HEATER	10	
11						2000 VA	2250 VA		12	
13	UNIT HEATER - UH-2	30 A	2	2500 VA	540 VA			RECEPTACLE	14	
15						2500 VA	1060 VA	HAND DRYER	16	
17	HAND DRYER	20 A	1	1060 VA	2000 VA			UNIT HEATER - UH-1B	18	
19							2000 VA		20	
21	UNIT HEATER - UH-1C	30 A	2	2000 VA	1200 VA			SCOREBOARD	22	
23						2000 VA	500 VA	SECURITY PANEL	24	
25									26	
27									28	
29									30	
31									32	
33									34	
35									36	
37									38	
39									40	
41									42	
				Total Load:	14309 VA					
				Total Amps:	119 A			113 A		

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	598 VA	125.00%	748 VA	
Other	1200 VA	100.00%	1200 VA	Total Conn. Load: 27879 VA
Power	24850 VA	100.00%	24850 VA	Total Est. Demand: 28021 VA
Receptacle	1260 VA	100.00%	1260 VA	Total Conn. Current: 116 A
				Total Est. Demand Current: 117 A

Notes:

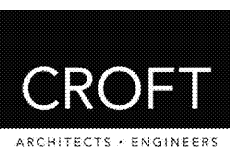
ELECTRICAL EQUIPMENT SCHEDULE

Mark	Equipment Type	Description	Manufacturer	Model	Electrical Data	Panel	Circuit Number	ELECTRIC FEEDER
EF-1	EQUIPMEN T	EXHAUST FAN	SEE MECHANICAL DRAWINGS	SEE MECHANICAL DRAWINGS	120 V/1-200 VA	P	3	1/2" CONDUIT - (2)#12, #12 GROUND
HD-1	EQUIPMEN T	HAND DRYER	SEE MECHANICAL DRAWINGS	SEE MECHANICAL DRAWINGS	120 V/1-530 VA	P	16	1/2" CONDUIT - (2)#12, #12 GROUND
HD-1	EQUIPMEN T	HAND DRYER	SEE MECHANICAL DRAWINGS	SEE MECHANICAL DRAWINGS	120 V/1-530 VA	P	16	1/2" CONDUIT - (2)#12, #12 GROUND
HD-1	EQUIPMEN T	HAND DRYER	SEE MECHANICAL DRAWINGS	SEE MECHANICAL DRAWINGS	120 V/1-530 VA	P	17	1/2" CONDUIT - (2)#12, #12 GROUND
HD-1	EQUIPMEN T	HAND DRYER	SEE MECHANICAL DRAWINGS	SEE MECHANICAL DRAWINGS	120 V/1-530 VA	P	17	1/2" CONDUIT - (2)#12, #12 GROUND
HD-1	EQUIPMEN T	HAND DRYER	SEE MECHANICAL DRAWINGS	SEE MECHANICAL DRAWINGS	120 V/1-530 VA	P	5	1/2" CONDUIT - (2)#12, #12 GROUND
UH-1A	EQUIPMEN T	MECHANICAL UNIT HEATER	SEE MECHANICAL DRAWINGS	SEE MECHANICAL DRAWINGS	240 V/2-4000 VA	P	9,11	1/2" CONDUIT - (2)#10, #10 GROUND
UH-1B	EQUIPMEN T	MECHANICAL UNIT HEATER	SEE MECHANICAL DRAWINGS	SEE MECHANICAL DRAWINGS	240 V/2-4000 VA	P	18,20	1/2" CONDUIT - (2)#10, #10 GROUND
UH-1C	EQUIPMEN T	MECHANICAL UNIT HEATER	SEE MECHANICAL DRAWINGS	SEE MECHANICAL DRAWINGS	240 V/2-4000 VA	P	21,23	1/2" CONDUIT - (2)#10, #10 GROUND
UH-2	EQUIPMEN T	MECHANICAL UNIT HEATER	SEE MECHANICAL DRAWINGS	SEE MECHANICAL DRAWINGS	240 V/2-4000 VA	P	13,15	1/2" CONDUIT - (2)#10, #10 GROUND
WH-1	EQUIPMEN T	WATER HEATER	SEE PLUMBING DRAWINGS	SEE PLUMBING DRAWINGS	240 V/2-4500 VA	P	10,12	1/2" CONDUIT - (2)#10, #10 GROUND

LIGHT FIXTURE SCHEDULE

Type Mark	Manufacturer	Model	Description	Lamp	Electrical Data
EM-L1	HE WILLIAMS	EMER/LED-WHT	ADJUSTABLE LED TWIN-HEAD EMERGENCY UNIT	LED	120 V/1-0 VA
ST-L4	HE WILLIAMS	75-4-LED-IPH50-840-E -PH-UN	4' LED STRIP FIXTURE	LED	120 V/1-44 VA
VR-L1	LUMINAIRE LEL	TSL-1-50W HP-400-LED/F-120-277 -CP-BLK	4' VANDAL RESISTANT SURFACE MOUNT FIXTURE	LED	120 V/1-50 VA
WP-1	HE WILLIAMS	VWMV-L10/840-TL-GR AY-SDGL-120	LED WALL PACK	LED	120 V/1-13 VA

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03/28/2018
 In accordance with GA R&R Dept.
 180 §12 - Sealing of Documents

OWNER
 CITY OF ACWORTH
 4415 SENATOR RUSSELL AVENUE
 ACWORTH, GEORGIA 30101



DURR FIELD
 4757 - 4805 SCHOOL STREET
 ACWORTH, GEORGIA 30101

0	2018-03-12	ISSUED FOR CONSTRUCTION
	2016-7-22	100% Set
No.	Date	Description
ISSUANCE		

PROJECT NUMBER
16139
 DRAWN: SO/RL CHECKED: JM/RL
 SHEET TITLE
ELECTRICAL SCHEDULES

SHEET NO.
E-501