

VOLTAGE		120 /208V		PANEL LP1		LOCATION		ELEC. 105			
PHASE		3 WIRE 4		MAIN AMPS		MOUNTING		SURFACE			
S.C.C.		TBD MIN.		800		MAIN		BREAKER			
CKT	BREAKER AMPS	P	VA	SERVING	PHASE	SERVING	VA	BREAKER AMPS	P	CKT	
1	125	3	10,000	EW-1	A	DRYER	2,400	30	2	2	
3			10,000		B		2,400			4	
5			10,000		C	AHU-2	3,952	40	2	6	
7	15	3	480	EXTRACTOR	A		3,952	40	2	8	
9			480		B	AHU-3	3,952	40	2	10	
11			480		C					12	
13	45	3	5,280	AHU-1	A	AHU-6	4,992	50	2	14	
15			5,280		B		4,992			16	
17			5,280		C	AHU-5	2,600	25	2	18	
19	20	3	552	EF-1	A		2,600			20	
21			552		B	OHP-1	2,704	45	2	22	
23			552		C		2,704			24	
25	30	3	720	GRINDER PUMP	A	OHP-2	1,456	25	2	26	
27			720		B		1,456			28	
29			720		C	OHP-3	1,456	25	2	30	
31	20	2	1,144	OHP-6	A		1,456			32	
33			1,144		B	OHP-4	1,976	30	2	34	
35	20	2	634	SITE LIGHTING	A		1,976			36	
37			634		C	OHP-5	1,248	20	2	38	
39	20	2	1,000	WH-2	A		1,248			40	
41			1,000		C	SPACE				42	
43	20	1	1,058	WH-1	A	COMPRESSOR	1,945	30	2	44	
45	20	1	1,500	GENERATOR CASE HEATER	B		1,945			46	
47	20	1	1,200	GENERATOR BATTERY	C	FACP*	360	20	1	48	
49	200	3	20,088	PANEL LP2	A	PANEL LP3	15,666	200	3	50	
51			18,132		B		14,994			52	
53			13,178		C		20,118			54	
VA PER PHASE				75,681	74,475	70,162	TOTAL VA				220,318
AMPS PER PHASE				631	621	585	DIVERSIFIED VA				220,318

REMARKS:
1. *MARK FACP BREAKER IN RED.

VOLTAGE		120 /208V		PANEL LP2		LOCATION		ELEC. 105			
PHASE		3 WIRE 4		MAIN AMPS		MOUNTING		SURFACE			
S.C.C.		TBD MIN.		200		MAIN		M.L.O.			
CKT	BREAKER AMPS	P	VA	SERVING	PHASE	SERVING	VA	BREAKER AMPS	P	CKT	
1	20	1	980	LIGHTING	A	LIGHTING	1,598	20	1	2	
3	20	1	980	LIGHTING	B	LIGHTING	1,602	20	1	4	
5	20	1	980	LIGHTING	C	LIGHTING	1,598	20	1	6	
7	20	1	980	LIGHTING	A	EXTERIOR LIGHTING	1,120	20	1	8	
9	20	1	1,080	RECEPTACLES	B	RECEPTACLES	720	20	1	10	
11	20	1	700	RECEPTACLES, P.M.P-1	C	RECEPTACLES	900	20	1	12	
13	20	1	900	RECEPTACLES	A	RECEPTACLES	1,260	20	1	14	
15	20	1	900	RECEPTACLES	B	SPARE		20	1	16	
17	20	1		SPARE	C	SPARE		20	1	18	
19	20	1	500	EW	A	RECEPTACLES	1,080	20	1	20	
21	20	1	1,000	EXERCISE RECEPTACLES	B	SPARE		20	1	22	
23	20	1	1,000	EXERCISE RECEPTACLES	C	RECEPTACLES	720	20	1	24	
25	20	1	1,000	EXERCISE RECEPTACLES	A	RECEPTACLES	720	20	1	26	
27	20	1	1,000	EXERCISE RECEPTACLES	B	RECEPTACLES	720	20	1	28	
29	20	1	1,000	EXERCISE RECEPTACLES	C	RECEPTACLES	720	20	1	30	
31	20	1	720	EXERCISE RECEPTACLES	A	RECEPTACLES	720	20	1	32	
33	20	1	1,000	KITCHEN RECEPTACLES	B	RECEPTACLES	720	20	1	34	
35	20	1	1,000	KITCHEN RECEPTACLES	C	RECEPTACLES	720	20	1	36	
37	20	1	1,000	KITCHEN RECEPTACLES	A	SPARE		20	1	38	
39	20	1	1,000	KITCHEN RECEPTACLES	B	RECEPTACLES	1,080	20	1	40	
41	20	1	1,000	KITCHEN RECEPTACLES	C	DISHWASHER	1,000	20	1	42	
43	20	1	1,000	REFRIGERATOR	A	DISPOSAL	1,000	20	1	44	
45	20	1	1,000	KITCHEN RECEPTACLES	B	SPARE		20	1	46	
47	20	1	800	WASHER	C	RECEPTACLES	540	20	1	48	
49	50	2	4,250	RANGE	A	RECEPTACLES	1,260	20	1	50	
51			4,250		B	RECEPTACLES	1,080	20	1	52	
53	20	1	500	RANGE HOOD	C	SPARE		20	1	54	
VA PER PHASE				20,088	18,132	13,178	TOTAL VA				51,398
AMPS PER PHASE				167	151	110	DIVERSIFIED VA				42,268

REMARKS:
1. PROVIDE SHUNT TRIP TYPE BREAKER FOR ALL ELECTRICAL EQUIPMENT UNDER HOOD.

VOLTAGE		120 /208V		PANEL LP3		LOCATION		ELEC. 105			
PHASE		3 WIRE 4		MAIN AMPS		MOUNTING		SURFACE			
S.C.C.		TBD MIN.		200		MAIN		M.L.O.			
CKT	BREAKER AMPS	P	VA	SERVING	PHASE	SERVING	VA	BREAKER AMPS	P	CKT	
1	20	1	1,000	ELECTRIC HAND DRYER	A	RECEPTACLES	360	20	1	2	
3	20	1	1,000	ELECTRIC HAND DRYER	B	RECEPTACLES	360	20	1	4	
5	20	1	1,000	ELECTRIC HAND DRYER	C	RECEPTACLES	900	20	1	6	
7	20	1	1,600	ICE MACHINE	A	SPARE		20	1	8	
9	20	1	128	EF-7	B	IT RECEPTACLES	1,500	20	1	10	
11	20	1	1,000	DOOR CONTROLLER	C	IT RECEPTACLES	1,500	20	1	12	
13	20	1	1,000	DOOR CONTROLLER	A	IT RECEPTACLES	360	20	1	14	
15	20	1	1,500	BAY DOOR	B	IT RECEPTACLES	360	20	1	16	
17	20	1	1,500	BAY DOOR	C	IT RECEPTACLES	20	1	18		
19	20	1	1,500	BAY DOOR	A	CORD REEL *	1,500	20	1	20	
21	20	1	1,500	BAY DOOR	B	CORD REEL *	1,500	20	1	22	
23	20	1	1,500	BAY DOOR	C	CORD REEL *	1,500	20	1	24	
25	20	1	1,500	BAY DOOR	A	CORD REEL *	1,500	20	1	26	
27	20	1	300	FLAG POLE LIGHTING	B	CORD REEL *	1,500	20	1	28	
29	20	1		SPARE	C	CORD REEL *	1,500	20	1	30	
31	20	1		SPARE	A	HVAC TRANS	334	20	3	32	
33	20	1		SPARE	B		334			34	
35	20	1		SPARE	C		334			36	
37				SPACE	A					38	
39	2			SPACE	B					40	
41				SPACE	C					42	
43	20	2	250		A	KSF-1	250	20	2	44	
45	30	2	2,256	RH-1	B		250			46	
47	30	2	2,256	RH-1	C		2,256	30	2	48	
49			2,256		A		2,256			50	
51	30	2	2,256	RH-1	B		2,256	30	2	52	
53			2,256		C		2,256			54	
VA PER PHASE				15,666	14,994	20,118	TOTAL VA				50,778
AMPS PER PHASE				131	125	168	DIVERSIFIED VA				50,778

REMARKS:
1. PROVIDE GF TYPE BREAKER



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CLIENT: AUGUSTA, GA
535 TELFAIR STREET, AUGUSTA, GA 30901

PROJECT NAME: FIRE STATION #20

PROJECT LOCATION: 2820 OLD HIGHWAY 1, HEPHIZBAH, GEORGIA 30815

REV	DATE	BY	ISSUED FOR	DESCRIPTION
0	12/21/18	FAK	ISSUED FOR BID	

PROJECT NO: 3042.1604
DRAWN BY: JAP/JFP
CHECKED BY: FAK
DATE: 8/10/18
SHEET TITLE: ELECTRICAL SCHEDULES

SCALE: AS NOTED
DRAWING NO: E-402
REV: 0

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