SWITCHBOARD "SSA"

PP VOLT. 480	AIC RATING: 65,000	MAIN DEVICE:	
NO. PH. 3	CABINET: PAD MOUNTED	TYPE: BOLTED SW	SIZE: 3000A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	150/3	SEE RISER		PANEL HX	P	84225	21	400/3			SPACE		
2	150/3	SEE RISER		PANEL HXK	P	88180	22	225/3			SPACE		
3	60/3	SEE RISER		PANEL HI	P	20300	23	100/3			SPACE		
4	300/3	SEE RISER		PANEL HM1	P	160320	24	100/3			SPACE		
5	60/3	SEE RISER		PANEL LI	P	37265							
6	40/3	SEE RISER		PANEL IG1	P	2940							
7	225/3	SEE RISER		PNL HDP1	P	94440							
8	225/3	SEE RISER		PANEL HK	P	123720							
9	200/3	SEE RISER		PANEL LK1	P	125470							
10	400/3	SEE RISER		PANEL HM2	P	288190							
11	40/3	SEE RISER		PANEL IG2	P	3240							
12	400/3	SEE RISER		PANEL HM3	P	206170							
13	80/3	SEE RISER		PANEL IG3	P	34860							
14	400/3	SEE RISER		PANEL HM4	P	286710							
15	60/3	SEE RISER		PANEL IG4	P	35420							
16	400/3	SEE RISER		PANEL HM5	P	235290							
17	60/3	SEE RISER		PANEL IG5	P	35460							
18	400/3	SEE RISER		PANEL HM6	P	270840							
19	60/3	SEE RISER		PANEL IG6	P	35420							
20	200/3	SEE PLAN		ELEVATOR	M	80500							

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	2143480	VOLTAGE:	480	2143480	
RECEPT.	0.5	0	PHASES:	3	0	
LIGHT	1.25	0	SPARE %	0.2	0	
HEAT	1	0			0	
COOL	1	0			0	
MOTOR	1	80500			80500	
OTHER	1	0			0	
SPARE	1	16100			16100	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		2240080	2694		2240080	2694

NOTES: SWITCHBOARD SHALL BE SERVICE ENTRY RATED.
PROVIDE SWITCHBOARD WITH TVSS UNIT PER SPECIFICATIONS.

PNL BRD. "HX"

NO. OF CKT. SPACES: 42	PP VOLT. 480	AIC RATING: 65,000	MAIN DEVICE:
NO. PH. 3	CABINET: SURFACE	TYPE: MLO	SIZE: 225A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	8	3/4"	EMER LTG	L	1500	2	20/1	10	1/2"	EMDNLTS	L	500
3	20/1	8	3/4"	EMER LTG	L	1500	4	20/1	10	1/2"	EMER LTG	L	1500
5	20/1	10	1/2"	EMDNLTS	L	600	6	20/1	10	1/2"	EMER LTG	L	1300
7	20/1	12	1/2"	EMER LTG	L	1100	8	20/1	12	1/2"	EMDNLTS	L	600
9	20/1	10	1/2"	EMDNLTS	L	1800	10	20/1	12	1/2"	EMDNLTS	L	500
11	20/1	10	1/2"	EXTLTG	L	700	12	20/1	12	1/2"	EMDNLTS	L	600
13	20/1	8	3/4"	EXTLTG	L	500	14	20/1	12	1/2"	EMER LTG	L	400
15	20/1	10	1/2"	EXTLTG	L	700	16	20/1	12	1/2"	EMER LTG	L	400
17	20/1	10	1/2"	EMER LTG	L	900	18	20/1	12	1/2"	EMDNLTS	L	300
19	20/1	10	1/2"	EMER LTG	L	900	20	20/1	12	1/2"	EMDNLTS	L	200
21	20/1			SPARE			22	20/1			SPARE		
23	20/1			SPARE			24	20/1			SPARE		
25	20/1			SPARE			26	20/1			SPARE		
27	20/1			SPARE			28	20/1			SPARE		
29	20/1			SPARE			30	20/1			SPARE		
31	20/1			SPARE			32	20/1			SPARE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37				SPACE			38	100/3	SEE RISER		PANEL LX	P	60880
39				SPACE			40	---	---	---	---	---	
41				SPACE			42	---	---	---	---	---	

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	60880	VOLTAGE:	480	60880	
RECEPT.	0.5	0	PHASES:	3	0	
LIGHT	1.25	16100	SPARE %	0.2	20125	
HEAT	1	0			0	
COOL	1	0			0	
MOTOR	1	0			0	
OTHER	1	0			0	
SPARE	1	3220			3220	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		80200	96		84225	101

NOTES:

PNL BRD. "LX"

NO. OF CKT. SPACES: 42	PP VOLT. 208	AIC RATING: 65,000	MAIN DEVICE:
NO. PH. 3	CABINET: SURFACE	TYPE: MCB	SIZE: 225A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	10	1/2"	RECEPT	R	360	2	20/1	8	3/4"	ELEV CAB	L	1200
3	20/1	10	1/2"	RECEPT	R	900	4	20/1	8	3/4"	RECEPT	R	600
5	20/1	8	3/4"	RECEPT	R	600	6	20/1	8	3/4"	RECEPT	R	800
7	20/1	8	3/4"	RECEPT	R	800	8	20/1	6	3/4"	RECEPT	R	800
9	20/1	6	3/4"	RECEPT	R	600	10	20/1	8	3/4"	DATARACK	R	1200
11	20/1	10	1/2"	DATARACK	R	1200	12	20/1	8	3/4"	DATARACK	R	1200
13	20/1	10	1/2"	DATARACK	R	1200	14	20/1	8	3/4"	DATARACK	R	1200
15	20/1	10	1/2"	DATARACK	R	1200	16	20/1	10	1/2"	DATARACK	R	1200
17	20/1	10	1/2"	DATARACK	R	1200	18	20/1	10	1/2"	DATARACK	R	1200
19	20/1	6	3/4"	DATARACK	R	1200	20	20/1	8	3/4"	DATARACK	R	1200
21	20/1	8	3/4"	DATARACK	R	1200	22	20/1	6	3/4"	DATARACK	R	1200
23	20/1	10	1/2"	IC RACK	R	1000	24	20/1	8	3/4"	IC RACK	R	1000
25	20/1	8	3/4"	IC RACK	R	1000	26	20/1	8	3/4"	IC RACK	R	1000
27	20/1	8	3/4"	FACP	O	1000	28	20/1	10	1/2"	IC RACK	R	1000
29	20/1	8	3/4"	GEN ANNUN	O	500	30	20/1	8	3/4"	IC RACK	R	1000
31	20/1	8	3/4"	TELEPHONE	O	1200	32	20/1	12	1/2"	GEN CNTRLR	O	1000
33	20/1	12	1/2"	GEN BATT	O	800	34	20/1	12	1/2"	GEN HEATER	H	1500
35	20/1			SPARE			36	20/1			SPARE		
37	20/1			SPARE			38	20/1			SPARE		
39	20/1			SPARE			40	20/1			SPARE		
41	20/1			SPARE			42	20/1			SPARE		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	32400	VOLTAGE:	208	32400	
RECEPT.	0.5	27400	PHASES:	3	13700	
LIGHT	1.25	1200	SPARE %	0.2	1500	
HEAT	1	1500			1500	
COOL	1	0			0	
MOTOR	1	0			0	
OTHER	1	4800			4800	
SPARE	1	6980			6980	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		74280	206		60880	169

NOTES: PROVIDE FEED THROUGH LUGS TO SERVE PANEL "LX1"

PNL BRD. "LX1"

NO. OF CKT. SPACES: 42	PP VOLT. 208	AIC RATING: 65,000	MAIN DEVICE:
NO. PH. 3	CABINET: SURFACE	TYPE: MLO	SIZE: 225A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1*	12	1/2"	HEAT TAPE	H	1500	2	40/2	8	1.25"	DSCU-1	C	5200
3	20/1*	12	1/2"	HEAT TAPE	H	1500	4	---	---	---	---	---	
5	40/2	8	1.25"	DSCU-5	C	5200	6	40/2	8	1.25"	DSCU-3	C	5200
7	---	---	---	---	---		8	---	---	---	---	---	
9	20/2	8	3/4"	DSCU-10	C	2800	10	20/2	8	1"	DSCU-12	C	2800
11	---	---	---	---	---		12	---	---	---	---	---	
13	20/2	10	1/2"	DSCU-7	C	2800	14	20/1			SPARE		
15	---	---	---	---	---		16	20/1			SPARE		
17	20/1			SPARE			18	20/1			SPARE		
19	20/1			SPARE			20	20/1			SPARE		
21	20/1			SPARE			22	20/1			SPARE		
23	20/1			SPARE			24	20/1			SPARE		
25	20/1			SPARE			26	20/1			SPARE		
27	20/1			SPARE			28	20/1			SPARE		
29				SPACE			30				SPACE		
31				SPACE			32				SPACE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37				SPACE			38				SPACE		
39				SPACE			40				SPACE		
41				SPACE			42				SPACE		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	0	VOLTAGE:	208	0	
RECEPT.	0.5	0	PHASES:	3	0	
LIGHT	1.25	0	SPARE %	0.2	0	
HEAT	1	3000			3000	
COOL	1	24000			24000	
MOTOR	1	0			0	
OTHER	1	0			0	
SPARE	1	5400			5400	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		32400	90		32400	90

NOTES: * PROVIDE GFCI CIRCUIT BREAKER

PNL BRD. "HXK"

NO. OF CKT. SPACES: 42	PP VOLT. 480	AIC RATING: 65,000	MAIN DEVICE:
NO. PH. 3	CABINET: SURFACE	TYPE: MLO	SIZE: 225A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1			SPARE			2	20/1			SPARE		
3	20/1			SPARE			4	20/1			SPARE		
5	20/1			SPARE			6	20/1			SPARE		
7	20/1			SPARE			8	20/1			SPARE		
9	20/1			SPARE			10	20/1			SPARE		
11				SPACE			12				SPACE		
13				SPACE			14				SPACE		
15				SPACE			16				SPACE		
17				SPACE			18				SPACE		
19				SPACE			20				SPACE		
21				SPACE			22				SPACE		
23				SPACE			24				SPACE		
25				SPACE			26				SPACE		
27				SPACE			28				SPACE		
29				SPACE			30				SPACE		
31				SPACE			32				SPACE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37	100/3			LIFT STN	P	54500	38	60/3	SEE RISER		PANEL LXK	P	21600
39	---	---	---	---	---		40	---	---	---	---	---	
41	---	---	---	---	---		42	---	---	---	---	---	

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	88180	VOLTAGE:	480	88180	
RECEPT.	0.5	0	PHASES:	3	0	
LIGHT	1.25	0	SPARE %	0.2	0	
HEAT	1	0			0	
COOL	1	0			0	
MOTOR	1	0			0	
OTHER	1	0			0	
SPARE	1	0			0	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		88180	106		88180	106

NOTES:

PNL BRD. "LXK"

NO. OF CKT. SPACES: 42	PP VOLT. 208	AIC RATING: 65,000	MAIN DEVICE:
NO. PH. 3	CABINET: SURFACE	TYPE: MCB	SIZE: 150A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	30/3	10	1/2"	FREEZER CU	C	6300	2	20/3	12	1/2"	COOLER CU	C	4000
3	---	---	---	---	---		4	---	---	---	---	---	
5	---	---	---	---	---		6	---	---	---	---	---	
7	30/2	10	1/2"	FRZR EVAP	C	3600	8	20/1	12	1/2"	CLR LIGHTS	L	1200
9	---	---	---	---	---		10	20/1	12	1/2"	FRZR LIGHTS	L	1200
11	20/1	12	1/2"	CLR EVAP	C	1200	12	20/1			SPARE		
13	20/1			SPARE			14	20/1			SPARE		
15	20/1			SPARE			16	20/1			SPARE		
17	20/1			SPARE			18	20/1			SPARE		
19	20/1			SPARE			20	20/1			SPARE		
21	20/1			SPARE			22	20/1			SPARE		
23				SPACE			24				SPACE		
25				SPACE			26				SPACE		
27				SPACE			28				SPACE		
29				SPACE			30				SPACE		
31				SPACE			32				SPACE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37				SPACE			38				SPACE		
39				SPACE			40				SPACE		
41				SPACE			42				SPACE		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	0	VOLTAGE:	208	0	
RECEPT.	0.5	0	PHASES:	3	0	
LIGHT	1.25	2400	SPARE %	0.2	3000	
HEAT	1	0			0	
COOL	1	15100			15100	
MOTOR	1	0			0	
OTHER	1	0			0	
SPARE	1	3500			3500	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		21000	58		21600	60

NOTES:

PNL BRD. "HI"

NO. OF CKT. SPACES: 42	PP VOLT. 480	AIC RATING: 65,000	MAIN DEVICE:
NO. PH. 3	CABINET: SURFACE	TYPE: NOTE 1	SIZE: 60A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	LIGHTING	L	3100	2	20/1	10	1/2"	LIGHTING	L	3600
3	20/1	12	1/2"	LIGHTING	L	3200	4	20/1	10	1/2"	LIGHTING	L	3300
5	20/1	10	1/2"	LIGHTING	L	3100	6	20/1	10	1/2"	LIGHTING	L	1700
7	20/1			SPARE			8	20/1			SPARE		
9	20/1			SPARE			10	20/1			SPARE		
11	20/1			SPARE			12	20/1			SPARE		
13	20/1			SPARE			14	20/1			SPARE		
15				SPACE			16				SPACE		
17				SPACE			18				SPACE		
19				SPACE			20				SPACE		
21				SPACE			22				SPACE		
23				SPACE			24				SPACE		
25				SPACE			26				SPACE		
27				SPACE			28				SPACE		
29				SPACE			30				SPACE		
31				SPACE			32				SPACE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37				SPACE			38				SPACE		
39				SPACE			40				SPACE		
41				SPACE			42				SPACE		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	0	VOLTAGE:	480	0	
RECEPT.	0.5	0	PHASES:	3	0	
LIGHT	1.25	14000	SPARE %	0.2	17500	
HEAT	1	0			0	
COOL	1	0			0	
MOTOR	1	0			0	
OTHER	1	0			0	
SPARE	1	2800			2800	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		16800	20		20300	24

NOTES: 1 - PROVIDE MAIN CONTACTOR WITH COVER MOUNTED H-O-A SWITCH.

PNL BRD. "HM1"

NO. OF CKT. SPACES: 42	PP VOLT. 480	AIC RATING: 65,000	MAIN DEVICE:
NO. PH. 3	CABINET: SURFACE	TYPE: MLO	SIZE: 400A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	50/3	6	1"	RTU-6	C	30800	2	50/3	6	1"	RTU-7	C	30800
3	---	---	---	---	---		4	---	---	---	---	---	
5	---	---	---	---	---		6	---	---	---	---	---	
7	60/3	4	1.25"	MAU-1	C	35700	8	30/3	10	1/2"	RTU-8	C	15800
9	---	---	---	---	---		10	---	---	---	---	---	
11	---	---	---	---	---		12	---	---	---	---	---	
13	20/1	12	1/2"	EH-1	H	3000	14	30/3	10	1/2"	RTU-9	C	17300
15	20/1			SPARE			16	---	---	---	---	---	
17	20/1			SPARE			18	---	---	---	---	---	
19	20/1			SPARE			20				SPACE		
21	20/1			SPARE			22				SPACE		
23	20/1			SPARE			24				SPACE		
25				SPACE			26				SPACE		
27				SPACE			28				SPACE		
29				SPACE			30				SPACE		
31				SPACE			32				SPACE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37				SPACE			38				SPACE		
39				SPACE			40				SPACE		
41				SPACE			42				SPACE		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	0	VOLTAGE:	480	0	
RECEPT.	0.5	0	PHASES:	3	0	
LIGHT	1.25	0	SPARE %	0.2	0	
HEAT	1	3000			3000	
COOL	1	130600			130600	
MOTOR	1	0			0	
OTHER	1	0			0	
SPARE	1	26720			26720	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		160320	193		160320	193

NOTES:

PNL BRD. "LI"

NO. OF CKT. SPACES: 42	PP VOLT. 208	AIC RATING: 65,000	MAIN DEVICE:
NO. PH. 3	CABINET: SURFACE	TYPE: MCB	SIZE: 150A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	RECEPT	R	[illegible]	2	20/1	12	1/2"	RECEPT	R	1100
3	20/1	12	1/2"	CUH-1	M	600	4	20/1	10	1/2"	RECEPT	R	900
5	20/1	12	1/2"	RECEPT	R	700	6	20/1	10	1/2"	RECEPT	R	900
7	20/1	12	1/2"	CIRC PUMP	M	800	8	20/1	12	1/2"	WTR HTR	O	1800
9	20/1	10	1/2"	[illegible]	R	1200	10	20/1	12	1/2"	WTR HTR	O	1800
11	20/1	12	1/2"	BOILER B-1	O	1200	12	20/1	12	1/2"	WTR HTR	O	1800
13	20/1	12	1/2"	BOILER B-2	O	1200	14	20/1	12	1/2"	CONTROLS	O	1200
15	20/1	12	1/2"	[illegible]	R	[illegible]	16	20/1	12	1/2"	CONTROLS	O	1200
17	20/1	12	1/2"	MECH [illegible]	O	[illegible]	18	20/1	12	1/2"	LOUVER	M	600
19	20/1	12	1/2"	EF-1	M	800	20	20/1	12	1/2"	LOUVER	M	600
21	20/1	12	1/2"	EF-2	M	800	22	20/1	12	1/2"	TRAP PRMR	O	1800
23	20/1			SPARE			24	20/1			SPARE		
25	20/1			SPARE			26	20/1			SPARE		
27	20/1			SPARE			28	20/1			SPARE		
29	20/1			SPARE			30	20/1			SPARE		
31	20/1			SPARE			32	20/1			SPARE		
33	20/1			SPARE			34	20/1			SPARE		
35	20/1			SPARE			36	20/1			SPARE		
37				SPACE			38				SPACE		
39				SPACE			40				SPACE		
41				SPACE			42				SPACE		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	15535	VOLTAGE:	208	15535	
RECEPT.	0.5	6700	PHASES:	3	5350	
LIGHT	1.25	0	SPARE %	0.2	0	
HEAT	1	0			0	
COOL	1	0			0	
MOTOR	1	4200			4200	
OTHER	1	10000			10000	
SPARE	1	4180			4180	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		40615	113		37265	103

NOTES: PROVIDE FEED-THROUGH LUGS TO SERVE PANEL "LST".

PNL BRD. "IG1"

NO. OF CKT. SPACES: 42	PP VOLT. 208	AIC RATING: 65,000	MAIN DEVICE:
NO. PH. 3	CABINET: SURFACE	TYPE: MCB	SIZE: 100A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	IG RECEPT	R	800	2	20/1			SPARE		
3	20/1	10	1/2"	PROJECTOR	R	1000	4	20/1			SPARE		
5	20/1	10	1/2"	IG RECEPT	R	1200	6	20/1			SPARE		
7	20/1	10	1/2"	IG RECEPT	R	1200	8	20/1			SPARE		
9	20/1			SPARE			10	20/1			SPARE		
11	20/1			SPARE			12	20/1			SPARE		
13	20/1			SPARE			14	20/1			SPARE		
15	20/1			SPARE			16	20/1			SPARE		
17				SPACE			18				SPACE		
19				SPACE			20				SPACE		
21				SPACE			22				SPACE		
23				SPACE			24				SPACE		
25				SPACE			26				SPACE		
27				SPACE			28				SPACE		
29				SPACE			30				SPACE		
31				SPACE			32				SPACE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37				SPACE			38				SPACE		
39				SPACE			40				SPACE		
41				SPACE			42				SPACE		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	0	VOLTAGE:	208	0	
RECEPT.	0.5	4200	PHASES:	3	2100	
LIGHT	1.25	0	SPARE %	0.2	0	
HEAT	1	0			0	
COOL	1	0			0	
MOTOR	1	0			0	
OTHER	1	0			0	
SPARE	1	840			840	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		5040	14		2940	8

NOTES: PROVIDE SEPARATE ISOLATED GROUND BUS AND INTEGRAL TVSS DEVICE.

DISTRIBUTION PANEL "HDP1"

PP VOLT. 480	AIC RATING: 65,000	MAIN DEVICE:	
NO. PH. 3	CABINET: SURFACE	TYPE: MLO	SIZE: 225A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/3	12	1/2"	CT FAN	M	4000
2	20/3	12	1/2"	CT FAN	M	4000
3	20/3	12	1/2"	BASIN HTR	H	5000
4	20/3	12	1/2"	BASIN HTR	H	5000
5	30/3	10	1/2"	PUMP P-1	M	11700
6	30/3	10	1/2"	PUMP P-1-2	M	0*
7	80/3	3	1.25"	PUMP P-3	M	43260
8	80/3	3	1.25"	PUMP P-4	M	0*
9	20/3	12	1/2"	PUMP P-5	M	2900
10	20/3	12	1/2"	PUMP P-6	M	2900
11	100/3			SPACE		
12	50/3			SPACE		
13	60/3			SPACE		
14	30/3			SPACE		
15	30/3			SPACE		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	0	VOLTAGE:	480	[illegible]	
RECEPT.	0.5	0	PHASES:	3	0	
LIGHT	1.25	0	SPARE %	0.2	0	
HEAT	1	10000			10000	
COOL	1	0			0	
MOTOR	1	68700			68700	
OTHER	1	0			0	
SPARE	1	15740			15740	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		94440	114		94440	114

NOTES: * PUMP IS REDUNDANT.

PNL BRD. "LST"

NO. OF CKT. SPACES: 42	PP VOLT. 208	AIC RATING: 65,000	MAIN DEVICE:
NO. PH. 3	CABINET: SURFACE	TYPE: [illegible]	SIZE: [illegible]

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	RECEPT	R	[illegible]	2	20/1	[illegible]	1/2"	RECEPT	[illegible]	[illegible]
3	20/1	12	1/2"	RECEPT	R	[illegible]	4	20/1	[illegible]	1/2"	[illegible]	R	[illegible]
5	20/1	12	1/2"	RECEPT	[illegible]	600	6	20/1	10	[illegible]	EWC	R	1200
7	20/1	12	[illegible]	[illegible] SYS	[illegible]	1200	8	20/1	10	[illegible]	EWC	R	1200
9	20/1	10	[illegible]	[illegible]EEN	[illegible]	500	10	20/1	[illegible]	1/2"	STAGE LTG	L	1500
11	20/1	12	1/2"	STAGE LTG	[illegible]	1500	12	20/1	12	1/2"	STAGE LTG	L	1500
13	20/1	12	1/2"	STAGE LTG	L	1500	14	20/1	12	1/2"	STAGE LTG	L	1500
15	20/1			SPARE			16	20/1			SPARE		
17	20/1			SPARE			18	20/1			SPARE		
19	20/1			SPARE			20	20/1			SPARE		
21	20/1			SPARE			22	20/1			SPARE		
23	20/1			SPARE			24	20/1			SPARE		
25	20/1			SPARE			26	20/1			SPARE		
27	20/1			SPARE			28	20/1			SPARE		
29				SPACE			30				SPACE		
31				SPACE			32				SPACE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37				SPACE			38				SPACE		
39				SPACE			40				SPACE		
41				SPACE			42				SPACE		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	0	VOLTAGE:	208	0	
RECEPT.	0.5	5800	PHASES:	3	2900	
LIGHT	1.25	7500	SPARE %	0.2	9375	
HEAT	1	0			0	
COOL	1	0			0	
MOTOR	1	500			500	
OTHER	1	0			0	
SPARE	1	2760			2760	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		16560	46		15535	43

NOTES:

PNL BRD. "HK"

NO. OF CKT. SPACES: 42	PP VOLT. 480	AIC RATING: 22,000 (NOTE 1)	MAIN DEVICE:
NO. PH. 3	CABINET: FLUSH	TYPE: MLO	SIZE: 225A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/3	12	1/2"	VCM	M	6700	2	60/3	4	1.25"	BOOST HTR	H	34000
3	---	---	---	---	---		4	---	---	---	---	---	
5	---	---	---	---	---		6	---	---	---	---	---	
7	30/3	10	1/2"	DW DRYER	M	14000	8	80/3	3	1.25"	DISH WASHER	H	40000
9	---	---	---	---	---		10	---	---	---	---	---	
11	---	---	---	---	---		12	---	---	---	---	---	
13	20/1			SPARE			14	20/3*	12	1/2"	KH-1	M	8400
15	20/1			SPARE			16	---	---	---	---	---	
17	20/1			SPARE			18	---	---	---	---	---	
19	20/1			SPARE			20	---	SHUNT TRIP SPACE				
21				SPACE			22				SPACE		
23				SPACE			24				SPACE		
25				SPACE			26				SPACE		
27				SPACE			28				SPACE		
29				SPACE			30				SPACE		
31				SPACE			32				SPACE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37				SPACE			38				SPACE		
39				SPACE			40				SPACE		
41				SPACE			42				SPACE		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	0	VOLTAGE:	480	0	
RECEPT.	0.5	0	PHASES:	3	0	
LIGHT	1.25	0	SPARE %	0.2	0	
HEAT	1	74000			74000	
COOL	1	0			0	
MOTOR	1	29100			29100	
OTHER	0.65	0			0	
SPARE	1	20620			20620	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		123720	149		123720	149

NOTES: 1 - PANEL SHALL BE SERIES RATED WITH THE UPSTREAM DEVICE
* PROVIDE SHUNT TRIP BREAKER CONTROLLED BY THE HOOD SUPPRESSION SYSTEM.

PNL BRD. "LK1"

NO. OF CKT. SPACES: 42	PP VOLT. 208	AIC RATING: 22,000(NOTE 1)	MAIN DEVICE:
NO. PH. 3	CABINET: FLUSH	TYPE: MLO	SIZE: 400A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	RECPT	R	1000	2	20/1	12	1/2"	WTR HTR	O	1200
3	20/1	12	1/2"	RECPT	R	1200	4	20/1	12	1/2"	WTR HTR	O	1200
5	20/1	12	1/2"	SHUTTER	M	600	6	20/1	12	1/2"	WTR HTR	O	1200
7	20/1	12	1/2"	SHUTTER	M	600	8	20/1	12	1/2"	CIRC PUMP	M	800
9	20/1	10	1/2"	SHUTTER	M	600	10	20/1	12	1/2"	TRAP PRIME	O	500
11	20/1	12	1/2"	SHUTTER	M	600	12	20/1	12	1/2"	WALL FAN	M	400
13	20/1	12	1/2"	WASHER	R	1200	14	20/1	12	1/2"	WALL FAN	M	400
15	30/2	10	1/2"	DRYER	H	5000	16	20/1	12	1/2"	WALL FAN	M	400
17	---	---	---	---	---		18	20/1	12	1/2"	EF-3	M	800
19	20/1	12	1/2"	EXH FAN	M	300	20	20/1	12	1/2"	EF-4	M	800
21	20/1			SPARE			22	20/1			SPARE		
23	20/1			SPARE			24	20/1			SPARE		
25	20/1			SPARE			26	20/1			SPARE		
27	20/1			SPARE			28	20/1			SPARE		
29	20/1			SPARE			30	20/1			SPARE		
31	20/1			SPARE			32	20/1			SPARE		
33	20/1			SPARE			34	20/1			SPARE		
35	20/1			SPARE			36	20/1			SPARE		
37	20/1			SPARE			38	20/1			SPARE		
39	20/1			SPARE			40	20/1			SPARE		
41	20/1			SPARE			42	20/1			SPARE		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	106845	VOLTAGE:	208	106845	
RECEPT.	0.5	3400	PHASES:	3	1700	
LIGHT	1.25	0	SPARE %	0.2	0	
HEAT	1	5800			5800	
COOL	1	0			0	
MOTOR	1	6300			6300	
OTHER	0.65	4100			2665	
SPARE	1	3760			2760	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		128605	357		125470	348

NOTES: 1 - PANEL SHALL BE SERIES RATED WITH THE UPSTREAM DEVICE
PROVIDE FEED THROUGH LUGS TO SERVE PANEL "LK2"

PNL BRD. "LK2"

NO. OF CKT. SPACES: 42	PP VOLT. 208	AIC RATING: 22,000(NOTE 1)	MAIN DEVICE:
NO. PH. 3	CABINET: FLUSH	TYPE: MLO	SIZE: 400A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/2	10	1/2"	DSCU-2	C	2800	2	20/1	12	1/2"	SMOOTHIE	O	1600
3	---	---	---	---	---		4	20/1	12	1/2"	RECEPT	R	1200
5	20/1	12	1/2"	COLD PIT	O	700	6	20/1	12	1/2"	COLD PIT	O	700
7	20/2	12	1/2"	HOT PIT	O	2000	8	20/1	12	1/2"	RECEPT	R	1200
9	---	---	---	---	---		10	20/1	12	1/2"	FOOD PROC	O	1500
11	20/1	12	1/2"	COLD PIT	O	700	12	20/2	12	1/2"	HOT PIT	O	2000
13	20/1*	12	1/2"	SOLENOID	O	300	14	---	---	---	---	---	
15	---	SHUNT TRIP SPACE					16	20/2	12	1/2"	HOT PIT	O	2000
17	20/2	12	1/2"	ICE MACH	O	1700	18	---	---	---	---	---	
19	---	---	---	---	---		20	20/1*	12	1/2"	HOOD LTS	L	800
21	20/1	12	1/2"	SLICER	O	1300	22	---	SHUNT TRIP SPACE				
23	30/2	10	3/4"	DSCU-5	C	3800	24	20/1			SPARE		
25	---	---	---	---	---		26	20/1			SPARE		
27	100/3	3	1.5"	SVG CNTR	O	28000	28	20/1			SPARE		
29	---	---	---	---	---		30	20/1			SPARE		
31	---	---	---	---	---		32	60/3*	4	1.25"	UDS	O	17500
33	100/3	3	1.5"	SVG CNTR	O	19000	34	---	---	---	---	---	
35	---	---	---	---	---		36	---	---	---	---	---	
37	---	---	---	---	---		38	---	SHUNT TRIP SPACE				
39	100/2	---	---	SPARE			40	100/2	---	---	SPARE		
41	---	---	---	---			42	---	---	---	---		

DESCRIPT.	DF	LOAD			DEMAND	
OTH. PNLS.	1	20918	VOLTAGE:	208	20918	
RECEPT.	0.5	2400	PHASES:	3	1200	
LIGHT	1.25	800	SPARE %	0.2	1000	
HEAT	1	0			0	
COOL	1	6600			6600	
MOTOR	1	0			0	
OTHER	0.65	87500			56875	
SPARE	1	19460			19460	
		CONN.LOAD	AMP		DEM.LOAD	AMP
		137679	382		106845	296

NOTES: 1 - PANEL SHALL BE SERIES RATED WITH THE UPSTREAM DEVICE
PROVIDE FEED THROUGH LUGS TO SERVE PANEL "LK3"
* PROVIDE SHUNT TRIP BREAKER CONTROLLED BY THE HOOD SUPPRESSION SYSTEM.

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REVISIONS / PRINTED		
REV. NO.	DATE	REMARKS
	08/16/19	GDOE Check Set
	10/01/19	ISSUED FOR BID/ PERMIT/GDOE

One Piedmont Center, Suite 303 3565 Piedmont Road Atlanta, Georgia 30305

PROJECT SUMMARY
NAME: JH HOUSE ELEMENTARY SCHOOL
GRADES: PRE-K THRU 5TH
F.T.E.: 800
G.D.O.E. #: TO BE ASSIGNED

BUILDING AREA

LEVEL 01	71,152 SF
LEVEL 02	37,379 SF
TOTAL	108,531 SF

COVERED AREAS (I.E. CANOPIES)

COVERED AREAS	5,186 SF
DIVIDE (÷) BY 2	÷2
TOTAL	2,593 SF

INSTRUCTIONAL UNITS

REGULAR CLASSROOMS	45
PAIRED FLEX AREAS	2
MUSIC	1
PHYSICAL EDUCATION	1
MEDIA CENTER	1
ART	1
TOTAL	51

RCPS

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Smallwood, Reynolds, Stewart, Stewart & Associates, Inc. Architects

PANELBOARD SCHEDULES

J.H. HOUSE ELEMENTARY SCHOOL
3100 Zingara Road NE, Conyers, GA 30012

DATE 10-01-2019
JOB NO. 218036.00
SHEET NO. E6-02

ISSUED FOR CONSTRUCTION