PANELBOARD SCHEDULES

PNL BRD. "LK3"

PNL BRD. "LK3"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 208	AIC RATING: 72,000 (NOTE 1)	TYPE:	MLO
NO. PH. 3	CABINET: FLUSH	SIZE:	400A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	RECEPT	R	1200	2	20/2	12	1/2"	MIXER	O	2600
3	20/1			SPARE			4	---	---	---	---	---	
5	20/1	12	1/2"	MIXER	O	1300	6	---	---	---	---	---	
7	20/1	12	1/2"	RECEPT	R	1300	8	20/2	12	1/2"	DISPOSER	O	1700
9	20/1	12	1/2"	RECEPT	R	1200	10	---	---	---	---	---	
11	20/1	10	1/2"	PROOFER	O	1900	12	---	---	---	---	---	
13	20/1	12	1/2"	IND BURNER	O	1800	14	20/2	12	1/2"	DISPOSER	O	1700
15	20/1	12	1/2"	REFRIG	O	1300	16	---	---	---	---	---	
17	20/1	12	1/2"	MILK CASE	O	900	18	---	---	---	---	---	
19	20/1	12	1/2"	ICE MACH	O	1100	20	20/1	12	1/2"	IND BURNER	O	1800
21	20/1	12	1/2"	RECEPT	R	1500	22	20/1	12	1/2"	TEAMAKER	O	1800
23	20/1			SPARE			24	20/2	12	1/2"	SALAD BAR	O	2500
25	20/1			SPARE			26	---	---	---	---	---	
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				SPACE			36				SPACE		
37				SPACE			38				SPACE		
39				SPACE			40				SPACE		
41				SPACE			42				SPACE		

DESCRIPT.	DF	LOAD	DEMAND
OTH. PNLS.	1	0	0
RECEPT.	0.5	5100	2550
LIGHT	1.25	0	0
HEAT	1	0	0
COOL	1	0	0
MOTOR	1	0	0
OTHER	0.65	20400	13260
SPARE	1	5100	5100

VOLTAGE: 208 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 30600 | AMP: 85 | DEM.LOAD: 20910 | AMP: 58

NOTES: 1 - PANEL SHALL BE SERIES RATED WITH THE UPSTREAM DEVICE

PNL BRD. "HM2"

PNL BRD. "HM2"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 480	AIC RATING: 42,000	TYPE:	MLO
NO. PH. 3	CABINET: SURFACE	SIZE:	400A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	30/3	10	1/2"	ERU-A1	C	13500	2	30/1	10	1/2"	WTR HTR	H	6000
3	---	---	---	---	---		4	20/1			SPARE		
5	---	---	---	---	---		6	20/1			SPARE		
7	40/3	8	3/4"	RTU-4	C	22500	8	30/3	10	1/2"	RTU-3	C	17500
9	---	---	---	---	---		10	---	---	---	---	---	
11	---	---	---	---	---		12	---	---	---	---	---	
13	50/3	6	1"	RTU-1	C	36800	14	50/3	6	1"	RTU-2	C	36800
15	---	---	---	---	---		16	---	---	---	---	---	
17	---	---	---	---	---		18	---	---	---	---	---	
19	40/3	8	3/4"	RTU-5	C	22500	20	50/3	6	1"	VRHR-1	C	26600
21	---	---	---	---	---		22	---	---	---	---	---	
23	---	---	---	---	---		24	---	---	---	---	---	
25	20/1			SPARE			26	30/3	10	1/2"	VRHR-2	C	33000
27	20/1			SPARE			28	---	---	---	---	---	
29	20/1			SPARE			30	---	---	---	---	---	
31				SPACE			32				SPACE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37	60/3	SEE RISER		PANEL H2	P	20010	38	100/3	SEE RISER		PANEL L2	P	45340
39	---	---	---	---	---		40	---	---	---	---	---	
41	---	---	---	---	---		42	---	---	---	---	---	

DESCRIPT.	DF	LOAD	DEMAND
OTH. PNLS.	1	65350	65350
RECEPT.	0.5	0	0
LIGHT	1.25	0	0
HEAT	1	6000	6000
COOL	1	177200	177200
MOTOR	1	0	0
OTHER	1	0	0
SPARE	1	36640	36640

VOLTAGE: 480 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 285190 | AMP: 343 | DEM.LOAD: 285190 | AMP: 343

NOTES:

PNL BRD. "H2"

PNL BRD. "H2"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 480	AIC RATING: 42,000	TYPE:	NOTE 1
NO. PH. 3	CABINET: SURFACE	SIZE:	60A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	LIGHTING	L	2300	2	20/1	10	1/2"	LIGHTING	L	1600
3	20/1	10	1/2"	LIGHTING	L	1700	4	20/1	10	1/2"	LIGHTING	L	3400
5	20/1	10	1/2"	LIGHTING	L	1900	6	20/1	12	1/2"	LIGHTING	L	500
7	20/1	10	1/2"	LIGHTING	L	2000	8	20/1	12	1/2"	LIGHTING	L	400
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	0
RECEPT.	0.5	0	0
LIGHT	1.25	13800	17250
HEAT	1	0	0
COOL	1	0	0
MOTOR	1	0	0
OTHER	1	0	0
SPARE	1	2760	2760

VOLTAGE: 480 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 16560 | AMP: 20 | DEM.LOAD: 20010 | AMP: 24

NOTES: 1 - PROVIDE MAIN CONTACTOR WITH COVER MOUNTED H-0-A SWITCH

PNL BRD. "L2"

PNL BRD. "L2"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 208	AIC RATING: 42,000	TYPE:	MCB
NO. PH. 3	CABINET: SURFACE	SIZE:	225A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	RECEPT	R	900	2	20/1	12	1/2"	EWC	R	1200
3	20/1	12	1/2"	RECEPT	R	900	4	20/1	12	1/2"	EWC	R	1200
5	20/1	12	1/2"	RECEPT	R	1100	6	20/1	10	3/4"	COPIER	R	1500
7	20/1	12	1/2"	RECEPT	R	1100	8	20/1	12	1/2"	RECEPT	R	600
9	20/1	12	1/2"	RECEPT	R	600	10	20/1	12	1/2"	RECEPT	R	700
11	20/2	12	1/2"	HAND DRY	H	2300	12	20/2	12	1/2"	HAND DRY	H	2300
13	---	---	---	---	---		14	---	---	---	---	---	
15	20/2	12	1/2"	HAND DRY	H	2300	16	20/2	12	1/2"	HAND DRY	H	2300
17	---	---	---	---	---		18	---	---	---	---	---	
19	20/1	12	1/2"	RECEPT	R	600	20	20/1	12	1/2"	RECEPT	R	1100
21	20/1	12	1/2"	RECEPT	R	900	22	20/1	12	1/2"	RECEPT	R	1100
23	20/1	12	1/2"	RECEPT	R	700	24	20/1	12	1/2"	RECEPT	R	1100
25	20/1	12	1/2"	RECEPT	R	700	26	20/1	12	1/2"	CIRC PUMP	M	800
27	20/1	12	1/2"	RECEPT	R	700	28	20/1	10	1/2"	LIGHTING	L	400
29	20/1			SPARE			30	20/1	12	1/2"	TRAP PRIMRS	O	800
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	40/2	8	3/4"	DSOU-2	C	5200
41	20/1			SPARE			42	---	---	---	---	---	

DESCRIPT.	DF	LOAD	DEMAND
OTH. PNLS.	1	14080	14080
RECEPT.	0.5	16400	8200
LIGHT	1.25	400	500
HEAT	1	9200	9200
COOL	1	5200	5200
MOTOR	1	800	800
OTHER	1	800	800
SPARE	1	6560	6560

VOLTAGE: 208 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 53440 | AMP: 148 | DEM.LOAD: 45340 | AMP: 126

NOTES: PROVIDE FEED THROUGH LUGS TO SERVE PANEL "L2A"

PNL BRD. "L2A"

PNL BRD. "L2A"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 208	AIC RATING: 42,000	TYPE:	MLO
NO. PH. 3	CABINET: SURFACE	SIZE:	225A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	10	1/2"	RECEPT	R	700	2	20/1	10	1/2"	RECEPT	R	900
3	20/1	10	1/2"	RECEPT	R	700	4	20/1	10	1/2"	RECEPT	R	400
5	20/1	10	1/2"	RECEPT	R	700	6	20/1	10	1/2"	RECEPT	R	600
7	20/1	12	1/2"	RECEPT	R	700	8	20/1	10	1/2"	RECEPT	R	700
9	20/1	12	1/2"	RECEPT	R	700	10	20/1	10	1/2"	RECEPT	R	800
11	20/1	10	3/4"	COPIER	R	1500	12	20/1	10	1/2"	SUMP PMP	M	900
13	20/1	10	1/2"	RECEPT	R	900	14	20/1	12	1/2"	RECEPT	R	900
15	20/1	10	1/2"	RECEPT	R	600	16	20/1	12	1/2"	RECEPT	R	900
17	20/1	10	1/2"	RECEPT	R	600	18	20/2	12	1/2"	VR UNITS	M	900
19	20/2	10	1/2"	VR UNITS	M	1000	20	---	---	---	---	---	
21	---	---	---	---	---		22	20/2	12	1/2"	VR UNITS	M	700
23	20/1	10	1/2"	ELEV PIT	L	1200	24	---	---	---	---	---	
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				SPACE		
39				SPACE			40				SPACE		
41				SPACE			42				SPACE		

DESCRIPT.	DF	LOAD	DEMAND
OTH. PNLS.	1	0	0
RECEPT.	0.5	15800	5900
LIGHT	1.25	1200	1500
HEAT	1	0	0
COOL	1	0	0
MOTOR	1	3400	3400
OTHER	1	0	0
SPARE	1	3280	3280

VOLTAGE: 208 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: [illegible] | AMP: 55 | DEM.LOAD: 14080 | AMP: 39

NOTES:

PNL BRD. "IG2"

PNL BRD. "IG2"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 208	AIC RATING: 22,000	TYPE:	MCB
NO. PH. 3	CABINET: SURFACE	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	12	1/2"	IG RECEPT	R	800
3	20/1	12	1/2"	IG RECEPT	R	800	4	20/1	12	1/2"	IG RECEPT	R	800
5	20/1	12	1/2"	IG RECEPT	R	800	6	20/1	12	1/2"	IG RECEPT	R	800
7	20/1	10	1/2"	IG RECEPT	R	800	8	20/1	12	1/2"	IG RECEPT	R	800
9	20/1	10	1/2"	IG RECEPT	R	800	10	20/1	10	1/2"	IG RECEPT	R	1200
11	20/1	10	1/2"	IG RECEPT	R	800	12	20/1	10	1/2"	IG RECEPT	R	1200
13	20/1	10	1/2"	IG RECEPT	R	800	14	20/1	10	1/2"	IG RECEPT	R	1200
15	20/1			SPARE			16	20/1	10	1/2"	IG RECEPT	R	800
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	0
RECEPT.	0.5	13200	6600
LIGHT	1.25	0	0
HEAT	1	0	0
COOL	1	0	0
MOTOR	1	0	0
OTHER	1	0	0
SPARE	1	2640	2640

VOLTAGE: 208 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 15840 | AMP: 44 | DEM.LOAD: 9240 | AMP: 26

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

PNL BRD. "HM3"

PNL BRD. "HM3"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 480	AIC RATING: 42,000	TYPE:	MLO
NO. PH. 3	CABINET: SURFACE	SIZE:	400A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	30/3	10	1/2"	WSHP	C	19600	2	30/1	10	1/2"	WTR HTR	H	6000
3	---	---	---	---	---		4	30/1	10	1/2"	EH-2	H	4000
5	---	---	---	---	---		6	20/1	10	1/2"	EH-3	H	5000
7	20/3	12	1/2"	WSHP	C	10400	8	30/3	10	1/2"	WSHP	C	12500
9	---	---	---	---	---		10	---	---	---	---	---	
11	---	---	---	---	---		12	---	---	---	---	---	
13	30/3	10	1/2"	WSHP	C	12500	14	30/3	10	1/2"	WSHP	C	15700
15	---	---	---	---	---		16	---	---	---	---	---	
17	---	---	---	---	---		18	---	---	---	---	---	
19	30/3	10	1/2"	WSHP	C	12500	20	20/3	12	1/2"	WSHP	C	10400
21	---	---	---	---	---		22	---	---	---	---	---	
23	---	---	---	---	---		24	---	---	---	---	---	
25				SPACE			26	20/1			SPARE		
27				SPACE			28	20/1			SPARE		
29				SPACE			30	20/1			SPARE		
31				SPACE			32				SPACE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37	60/3	SEE RISER		PANEL H3	P	31030	38	100/3	SEE RISER		PANEL L3	P	47320
39	---	---	---	---	---		40	---	---	---	---	---	
41	---	---	---	---	---		42	---	---	---	---	---	

DESCRIPT.	DF	LOAD	DEMAND
OTH. PNLS.	1	78350	78350
RECEPT.	0.5	0	0
LIGHT	1.25	0	0
HEAT	1	15000	15000
COOL	1	93600	93600
MOTOR	1	0	0
OTHER	1	0	0
SPARE	1	21330	21330

VOLTAGE: 480 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 208270 | AMP: 248 | DEM.LOAD: 208270 | AMP: 248

NOTES: PROVIDE FEED THROUGH LUGS TO SERVE PANEL "HM3A"

PNL BRD. "H3"

PNL BRD. "H3"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 480	AIC RATING: 42,000	TYPE:	NOTE 1
NO. PH. 3	CABINET: SURFACE	SIZE:	60A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	10	1/2"	LIGHTING	L	2000	2	20/1	10	1/2"	LIGHTING	L	2000
3	20/1	12	1/2"	LIGHTING	L	2000	4	20/1	10	1/2"	LIGHTING	L	2000
5	20/1	10	1/2"	LIGHTING	L	2000	6	20/1	10	1/2"	LIGHTING	L	2000
7	20/1	10	1/2"	LIGHTING	L	2000	8	20/1	10	1/2"	LIGHTING	L	2000
9	20/1	10	1/2"	LIGHTING	L	2300	10	20/1	10	1/2"	LIGHTING	L	2300
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	20/1			SPARE			18	20/1			SPARE		
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	0
RECEPT.	0.5	0	0
LIGHT	1.25	[illegible]	26750
HEAT	1	[illegible]	0
COOL	1	[illegible]	0
MOTOR	1	[illegible]	0
OTHER	1	[illegible]	0
SPARE	1	4280	4280

VOLTAGE: 480 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 25680 | AMP: 31 | DEM.LOAD: 31030 | AMP: 37

NOTES: [illegible] PROVIDE MAIN CONTACTOR WITH COVER MOUNTED H-O-A SWITCH

PNL BRD. "L3"

PNL BRD. "L3"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 208	AIC RATING: 42,000	TYPE:	MCB
NO. PH. 3	CABINET: SURFACE	SIZE:	225A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	10	1/2"	RECEPT	R	[illegible]	2	20/1	[illegible]	1/2"	RECEPT	R	900
3	20/1	10	1/2"	RECEPT	R	700	4	20/1	12	1/2"	RECEPT	R	700
5	20/1	10	1/2"	RECEPT	R	700	6	20/1	12	1/2"	RECEPT	R	700
7	20/1	10	1/2"	RECEPT	R	700	8	20/1	12	1/2"	RECEPT	R	700
9	20/1	10	1/2"	RECEPT	R	900	10	20/1	12	1/2"	RECEPT	R	900
11	20/1	10	1/2"	RECEPT	R	900	12	20/1	12	1/2"	RECEPT	R	700
13	[illegible]	12	1/2"	[illegible]	R	1500	14	20/1	10	1/2"	RECEPT	R	700
15	20/2	12	1/2"	HAND DRY	H	2300	16	20/1	10	1/2"	RECEPT	R	700
17	---	---	---	---	---		18	20/1	12	1/2"	RECEPT	R	600
19	20/2	12	1/2"	HAND DRY	H	2300	20	20/1	12	1/2"	EWC	R	1200
21	---	---	---	---	---		22	20/1	12	1/2"	EWC	R	1200
23	30/2	10	1/2"	DRYER	H	5000	24	20/1	12	1/2"	CIRC PUMP	M	800
25	---	---	---	---	---		26	20/1	10	1/2"	LIGHTING	L	1000
27	[illegible]			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	100/3	SEE RISER		PANEL L4	P	20110
39	20/1			SPARE			40	---	---	---	---	---	
41	20/1			SPARE			42	---	---	---	---	---	

DESCRIPT.	DF	LOAD	DEMAND
OTH. PNLS.	1	22820	22820
RECEPT.	0.5	15100	7550
LIGHT	1.25	1000	1250
HEAT	1	9600	9600
COOL	1	0	0
MOTOR	1	800	800
OTHER	1	0	0
SPARE	1	5300	5300

VOLTAGE: 208 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 54620 | AMP: 152 | DEM.LOAD: 47320 | AMP: 131

NOTES: PROVIDE FEED THROUGH LUGS TO SERVE PANEL "L3A".

PNL BRD. "L3A"

PNL BRD. "L3A"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 208	AIC RATING: 42,000	TYPE:	MLO
NO. PH. 3	CABINET: SURFACE	SIZE:	

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	RECEPT	R	800	2	20/1	10	1/2"	RECEPT	R	800
3	20/1	12	1/2"	RECEPT	R	600	4	20/1	10	1/2"	RECEPT	R	700
5	20/1	12	1/2"	TRAP PRIMR	O	800	6	20/1			SPARE		
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	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	0
RECEPT.	0.5	2500	3250
LIGHT	1.25	0	0
HEAT	1	0	0
COOL	1	0	0
MOTOR	1	0	0
OTHER	1	800	800
SPARE	1	660	660

VOLTAGE: 208 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 3960 | AMP: 11 | DEM.LOAD: 2710 | AMP: 8

NOTES:

PNL BRD. "IG3"

PNL BRD. "IG3"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 208	AIC RATING: 22,000	TYPE:	MCB
NO. PH. 3	CABINET: SURFACE	SIZE:	150A

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	12	1/2"	IG RECEPT	R	600
3	20/1	12	1/2"	IG RECEPT	R	800	4	20/1	12	1/2"	IG RECEPT	R	600
5	20/1	12	1/2"	IG RECEPT	R	1000	6	20/1	12	1/2"	IG RECEPT	R	800
7	20/1	12	1/2"	IG RECEPT	R	1000	8	20/1	12	1/2"	IG RECEPT	R	800
9	20/1	12	1/2"	IG RECEPT	R	1000	10	20/1	12	1/2"	IG RECEPT	R	1000
11	20/1	12	1/2"	IG RECEPT	R	800	12	20/1	12	1/2"	IG RECEPT	R	800
13	20/1	12	1/2"	IG RECEPT	R	800	14	20/1	12	1/2"	IG RECEPT	R	600
15	20/1	12	1/2"	IG RECEPT	R	1000	16	20/1	12	1/2"	IG RECEPT	R	1000
17	20/1	12	1/2"	IG RECEPT	R	800	18	20/1	12	1/2"	IG RECEPT	R	800
19	20/1	12	1/2"	IG RECEPT	R	600	20	20/1	12	1/2"	IG RECEPT	R	600
21	20/1	12	1/2"	IG RECEPT	R	1000	22	20/1	12	1/2"	IG RECEPT	R	1000
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	100/3	SEE RISER		PANEL [illegible]	P	[illegible]
39	20/1			SPARE			40	---	---	---	---	---	
41	20/1			SPARE			42	---	---	---	---	---	

DESCRIPT.	DF	LOAD	DEMAND
OTH. PNLS.	1	21700	[illegible]
RECEPT.	0.5	15800	[illegible]
LIGHT	1.25	0	0
HEAT	1	0	0
COOL	1	0	0
MOTOR	1	0	0
OTHER	1	0	0
SPARE	1	3760	3760

VOLTAGE: 208 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 44260 | AMP: 123 | DEM.LOAD: 34860 | AMP: 97

NOTES: PROVIDE SEPARATE ISOLATED GROUND BUS AND INTEGRAL TVSS UNIT.
PROVIDE FEED THROUGH LUGS TO SERVE PANEL "IG3A".

PNL BRD. "IG3A"

PNL BRD. "IG3A"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 208	AIC RATING: 22,000	TYPE:	[illegible]
NO. PH. 3	CABINET: SURFACE	SIZE:	[illegible]

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	IG RECEPT	R	[illegible]	2	20/1	[illegible]	1/2"	IG RECEPT	R	800
3	20/1	12	1/2"	IG RECEPT	R	[illegible]	4	20/1	12	1/2"	IG RECEPT	R	800
5	20/1	12	1/2"	[illegible]	[illegible]	1000	6	20/1	12	[illegible]	IG RECEPT	R	1000
7	20/1	12	[illegible]	[illegible] RECEPT	[illegible]	1000	8	20/1	12	[illegible]	IG RECEPT	R	1000
9	20/1	12	1/2"	[illegible]	[illegible]	1000	10	20/1	[illegible]	1/2"	IG RECEPT	R	1000
11	20/1			[illegible]			12	20/1			SPARE		
13	20/1			[illegible]			14	[illegible]			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				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	0
RECEPT.	0.5	9600	4800
LIGHT	1.25	0	0
HEAT	1	0	0
COOL	1	0	0
MOTOR	1	0	0
OTHER	1	0	0
SPARE	1	1920	1920

VOLTAGE: 208 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 11520 | AMP: 32 | DEM.LOAD: 6720 | AMP: 19

NOTES:

PNL BRD. "L4"

PNL BRD. "L4"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 208	AIC RATING: 42,000	TYPE:	MLO
NO. PH. 3	CABINET: SURFACE	SIZE:	100A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	RECEPT	R	900	2	20/1	12	1/2"	RECEPT	R	900
3	20/1	12	1/2"	RECEPT	R	900	4	20/1	12	1/2"	RECEPT	R	900
5	20/1	12	1/2"	RECEPT	R	900	6	20/1	12	1/2"	RECEPT	R	900
7	20/1	12	1/2"	RECEPT	R	900	8	20/1	12	1/2"	RECEPT	R	900
9	20/1	10	1/2"	RECEPT	R	900	10	20/1	10	1/2"	RECEPT	R	900
11	20/1	10	1/2"	RECEPT	R	900	12	20/1	10	1/2"	RECEPT	R	900
13	20/1	12	1/2"	EWC	R	1200	14	20/1	10	1/2"	RECEPT	R	600
15	20/1	12	1/2"	EWC	R	1200	16	20/1	10	1/2"	RECEPT	R	600
17	20/2	12	1/2"	HAND DRY	H	2300	18	20/1	10	3/4"	COPIER	R	1500
19	---	---	---	---	---		20	20/2	12	1/2"	HAND DRY	H	2300
21	20/1	12	1/2"	LIGHTING	L	1000	22	---	---	---	---	---	
23	20/1	12	1/2"	RECEPT	R	600	24	20/1	12	1/2"	TRAP PRIMR	O	800
25	20/1	10	1/2"	RECEPT	R	900	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	0	0
RECEPT.	0.5	17400	8700
LIGHT	1.25	1000	1250
HEAT	1	4600	4600
COOL	1	0	0
MOTOR	1	0	0
OTHER	1	800	800
SPARE	1	4760	4760

VOLTAGE: 208 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 28560 | AMP: 79 | DEM.LOAD: 20110 | AMP: 56

NOTES:

PNL BRD. "IG4"

PNL BRD. "IG4"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 208	AIC RATING: 22,000	TYPE:	MLO
NO. PH. 3	CABINET: SURFACE	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	12	1/2"	IG RECEPT	R	800
3	20/1	12	1/2"	IG RECEPT	R	800	4	20/1	12	1/2"	IG RECEPT	R	800
5	20/1	12	1/2"	IG RECEPT	R	1000	6	20/1	12	1/2"	IG RECEPT	R	1000
7	20/1	12	1/2"	IG RECEPT	R	800	8	20/1	12	1/2"	IG RECEPT	R	800
9	20/1	12	1/2"	IG RECEPT	R	800	10	20/1	12	1/2"	IG RECEPT	R	800
11	20/1	12	1/2"	IG RECEPT	R	1000	12	20/1	12	1/2"	IG RECEPT	R	1000
13	20/1	10	1/2"	IG RECEPT	R	800	14	20/1	10	1/2"	IG RECEPT	R	800
15	20/1	10	1/2"	IG RECEPT	R	600	16	20/1	10	1/2"	IG RECEPT	R	600
17	20/1	10	1/2"	IG RECEPT	R	1000	18	20/1	10	1/2"	IG RECEPT	R	1000
19	20/1	10	1/2"	IG RECEPT	R	1000	20	20/1	10	1/2"	IG RECEPT	R	1000
21	20/1	10	1/2"	IG RECEPT	R	1000	22	20/1	10	1/2"	IG RECEPT	R	1000
23	20/1	12	1/2"	IG RECEPT	R	600	24	20/1	10	1/2"	IG RECEPT	R	600
25	20/1	12	1/2"	IG RECEPT	R	800	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	0	0
RECEPT.	0.5	21400	10700
LIGHT	1.25	0	0
HEAT	1	0	0
COOL	1	0	0
MOTOR	1	0	0
OTHER	1	0	0
SPARE	1	4280	4280

VOLTAGE: 208 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 25680 | AMP: 71 | DEM.LOAD: 14980 | AMP: 42

NOTES:

PNL BRD. "HM4"

PNL BRD. "HM4"	NO. OF CKT. SPACES: 42	MAIN DEVICE:	
PP VOLT. 480	AIC RATING: 22,000	TYPE:	MLO
NO. PH. 3	CABINET: SURFACE	SIZE:	400A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	30/3	10	1/2"	WSHP	C	15800	2	30/1	10	1/2"	WTR HTR	H	4500
3	---	---	---	---	---		4	30/1	10	1/2"	WTR HTR	H	6000
5	---	---	---	---	---		6	20/1	12	1/2"	EH-4	H	3000
7	20/3	12	1/2"	WSHP	C	10400	8	30/3	10	1/2"	WSHP	C	12500
9	---	---	---	---	---		10	---	---	---	---	---	
11	---	---	---	---	---		12	---	---	---	---	---	
13	30/3	10	1/2"	WSHP	C	16600	14	30/3	10	1/2"	WSHP	C	15700
15	---	---	---	---	---		16	---	---	---	---	---	
17	---	---	---	---	---		18	---	---	---	---	---	
19	30/3	10	1/2"	WSHP	C	12500	20	30/3	10	1/2"	WSHP	C	12500
21	---	---	---	---	---		22	---	---	---	---	---	
23	---	---	---	---	---		24	---	---	---	---	---	
25				SPACE			26	30/1	10	1/2"	EH-5	H	4000
27				SPACE			28	20/1			SPARE		
29				SPACE			30	20/1			SPARE		
31				SPACE			32				SPACE		
33				SPACE			34				SPACE		
35				SPACE			36				SPACE		
37	60/3	SEE RISER		PANEL H4	P	32480	38	150/3	SEE RISER		PANEL L5	P	63010
39	---	---	---	---	---		40	---	---	---	---	---	
41	---	---	---	---	---		42	---	---	---	---	---	

DESCRIPT.	DF	LOAD	DEMAND
OTH. PNLS.	1	95490	95490
RECEPT.	0.5	0	0
LIGHT	1.25	0	0
HEAT	1	17500	17500
COOL	1	88000	88000
MOTOR	1	0	0
OTHER	1	0	0
SPARE	1	23300	23300

VOLTAGE: 480 | PHASES: 3 | SPARE %: 0.2

CONN.LOAD: 235290 | AMP: 283 | DEM.LOAD: 235290 | AMP: 283

NOTES:

Smallwood, Reynolds, Stewart, Stewart & Associates, Inc. Architects
One Piedmont Center, Suite 303 3565 Piedmont Road Atlanta, Georgia 30305

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

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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PANELBOARD SCHEDULES

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

DATE 10-01-2019
JOB NO. 218036.00
SHEET NO. E6-03

ISSUED FOR CONSTRUCTION

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