PANEL "H4"

PNL. BRD. "H4"	NO. OF CKT. SPACES: 42	MAIN DEVICE:
PP VOLT. 480	AIC RATING: 22,000	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	1700	2	20/1	10	1/2"	LIGHTING	L	2600
3	20/1	10	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	2600
7	20/1	10	1/2"	LIGHTING	L	3000	8	20/1	10	1/2"	LIGHTING	L	2000
9	20/1	10	1/2"	LIGHTING	L	2600	10	20/1	10	1/2"	LIGHTING	L	2500
11	20/1			SPARE			12	20/1	12	1/2"	LIGHTING	L	1600
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				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	22400	SPARE %: 0.2	28000	
HEAT	1	0		0	
COOL	1	0		0	
MOTOR	1	0		0	
OTHER	1	0		0	
SPARE	1	4480		4480	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	26880	32		32480	39

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

PANEL "L5"

PNL. BRD. "L5"	NO. OF CKT. SPACES: 42	MAIN DEVICE:
PP VOLT. 208	AIC RATING: 22,000	TYPE: MCB
NO. PH. 3	CABINET: SURFACE	SIZE: 300A

NO.	TA	WS	COND	DESCRIPT	TL	LOAD	NO.	TA	WS	COND	DESCRIPT	TL	LOAD
1	20/1	12	1/2"	RECEPT	R	1200	2	20/1	12	1/2"	EWC	R	1200
3	20/1	12	1/2"	RECEPT	R	700	4	20/1	12	1/2"	EWC	R	1200
5	20/1	12	1/2"	RECEPT	R	900	6	20/1	10	1/2"	RECEPT	R	900
7	20/1	12	1/2"	RECEPT	R	600	8	20/1	10	1/2"	RECEPT	R	900
9	20/1	12	1/2"	RECEPT	R	700	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	10	1/2"	RECEPT	R	900	14	20/1	10	1/2"	RECEPT	R	1200
15	20/1	12	1/2"	RECEPT	R	600	16	20/1	10	1/2"	RECEPT	R	1200
17	20/1	12	1/2"	KILN HOOD	M	800	18	20/1	10	1/2"	RECEPT	R	1200
19	20/1			SPARE			20	20/1	10	1/2"	RECEPT	R	1200
21	20/1			SPARE			22	20/1	12	1/2"	LIGHTING	L	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				SPACE			38	100/3	SEE RISER		PANEL L5A	P	21300
39				SPACE			40	---	---	---	---	---	
41				SPACE			42	---	---	---	---	---	

DESCRIPT.	DF	LOAD		DEMAND	
OTH. PNLS.	1	48560	VOLTAGE: 208	48560	
RECEPT.	0.5	17200	PHASES: 3	8600	
LIGHT	1.25	1000	SPARE %: 0.2	1250	
HEAT	1	0		0	
COOL	1	0		0	
MOTOR	1	800		800	
OTHER	1	0		0	
SPARE	1	3800		3800	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	71360	198		63010	175

NOTES: PROVIDE FEED THROUGH LUGS TO SERVE PANEL "L5A".

PANEL "L5A"

PNL. BRD. "L5A"	NO. OF CKT. SPACES: 42	MAIN DEVICE:
PP VOLT. 208	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	20/2	10	1/2"	HAND DRY	H	2300	2	20/2	10	1/2"	HAND DRY	H	2300
3	---	---	---	---	---		4	---	---	---	---	---	
5	20/1	12	1/2"	RECEPT	R	900	6	20/1	12	1/2"	CIRC PUMP	M	800
7	20/1	12	1/2"	RECEPT	R	900	8	20/1	12	1/2"	CIRC PUMP	M	800
9	20/1	12	1/2"	RECEPT	R	600	10	20/1	12	1/2"	EF-3	M	800
11	20/1	12	1/2"	RECEPT	R	800	12	20/1	10	1/2"	RECEPT	R	800
13	20/1	12	1/2"	TRAP PRMR	O	500	14	20/1	10	1/2"	RECEPT	R	800
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				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	60/3	4	1.25"	KILN	H	12000
39				SPACE			40	---	---	---	---	---	
41				SPACE			42	---	---	---	---	---	

DESCRIPT.	DF	LOAD		DEMAND	
OTH. PNLS.	1	0	VOLTAGE: 208	0	
RECEPT.	0.5	4600	PHASES: 3	2300	
LIGHT	1.25	0	SPARE %: 0.2	0	
HEAT	1	16600		16600	
COOL	1	0		0	
MOTOR	1	2400		2400	
OTHER	1	500		500	
SPARE	1	4880		4880	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	29280	81		26980	75

NOTES:

PANEL "IG5"

PNL. BRD. "IG5"	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	10	1/2"	IG RECEPT	R	800
3	20/1	12	1/2"	IG RECEPT	R	800	4	20/1	10	1/2"	IG RECEPT	R	800
5	20/1	12	1/2"	IG RECEPT	R	1000	6	20/1	10	1/2"	IG RECEPT	R	1000
7	20/1	12	1/2"	IG RECEPT	R	800	8	20/1	10	1/2"	IG RECEPT	R	800
9	20/1	12	1/2"	IG RECEPT	R	800	10	20/1	10	1/2"	IG RECEPT	R	800
11	20/1	10	1/2"	IG RECEPT	R	800	12	20/1	10	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	1000	16	20/1	10	1/2"	IG RECEPT	R	500
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			SPARE		
21	20/1	12	1/2"	IG RECEPT	R	800	22	20/1			SPARE		
23	20/1	12	1/2"	IG RECEPT	R	800	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	100/3	SEE RISER		PANEL IG5A	P	13400
39				SPACE			40	---	---	---	---	---	
41				SPACE			42	---	---	---	---	---	

DESCRIPT.	DF	LOAD		DEMAND	
OTH. PNLS.	1	20720	VOLTAGE: 208	20720	
RECEPT.	0.5	18200	PHASES: 3	9100	
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	3640		3640	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	42560	118		33460	93

NOTES: PROVIDE SEPARATE ISOLATED GROUND BUS AND INTEGRAL TVSS UNIT.
PROVIDE FEED THROUGH LUGS TO SERVE PANEL "IG5A".

PANEL "IG5A"

PNL. BRD. "IG5A"	NO. OF CKT. SPACES: 42	MAIN DEVICE:
PP VOLT. 208	AIC RATING: 22,000	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	10	1/2"	IG RECEPT	R	1000	2	20/1	12	1/2"	IG RECEPT	R	1000
3	20/1	10	1/2"	IG RECEPT	R	1000	4	20/1	12	1/2"	IG RECEPT	R	800
5	20/1	10	1/2"	IG RECEPT	R	1000	6	20/1	12	1/2"	IG RECEPT	R	800
7	20/1	10	1/2"	IG RECEPT	R	1000	8	20/1	12	1/2"	IG RECEPT	R	1000
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	7600	PHASES: 3	3800	
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	1520		1520	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	[illegible]	25		5320	15

NOTES:

PANEL "L6"

PNL. BRD. "L6"	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"	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	12	1/2"	RECEPT	R	600
19	---	---	---	---	---		20	20/2	12	1/2"	HAND DRY	H	2300
21	20/1	10	3/4"	COPIER	R	1500	22	---	---	---	---	---	
23	20/1	12	1/2"	LIGHTING	L	1000	24	20/1	10	3/4"	COPIER	R	1500
25	20/1	12	1/2"	TRAP PRMR	O	800	26	20/1	12	1/2"	RECEPT	R	600
27	20/1			SPARE			28	20/1	10	1/2"	RECEPT	R	900
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	VOLTAGE: 208	0	
RECEPT.	0.5	19500	PHASES: 3	9750	
LIGHT	1.25	1000	SPARE %: 0.2	1250	
HEAT	1	4600		4600	
COOL	1	0		0	
MOTOR	1	0		0	
OTHER	1	800		800	
SPARE	1	5180		5180	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	31080	86		21580	60

NOTES:

PANEL "IG6"

PNL. BRD. "IG6"	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	1000	14	20/1	10	1/2"	IG RECEPT	R	800
15	20/1	10	1/2"	IG RECEPT	R	1000	16	20/1	10	1/2"	IG RECEPT	R	800
17	20/1	10	1/2"	IG RECEPT	R	800	18	20/1	10	1/2"	IG RECEPT	R	1000
19	20/1	10	1/2"	IG RECEPT	R	800	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	10	1/2"	IG RECEPT	R	800	24	20/1	12	1/2"	IG RECEPT	R	800
25	20/1			SPARE			26	20/1	12	1/2"	IG RECEPT	R	800
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	VOLTAGE: 208	0	
RECEPT.	0.5	22000	PHASES: 3	11000	
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	4400		4400	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	26400	73		15400	43

NOTES:

PANEL "HM5"

PNL. BRD. "HM5"	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	15600	2	30/3	10	1/2"	WSHP	C	15700
3	---	---	---	---	---		4	---	---	---	---	---	
5	---	---	---	---	---		6	---	---	---	---	---	
7	30/3	10	1/2"	WSHP	C	15700	8	30/3	10	1/2"	WSHP	C	15700
9	---	---	---	---	---		10	---	---	---	---	---	
11	---	---	---	---	---		12	---	---	---	---	---	
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	60/3	4	1.25"	ERU-C1	C	35700	32				SPACE		
33	---	---	---	---	---		34				SPACE		
35	---	---	---	---	---		36				SPACE		
37	60/3	4	1.25"	ERU-C2	C	35700	38	100/3	SEE RISER		[illegible]	P	59590
39	---	---	---	---	---		40	---	---	---	---	---	
41	---	---	---	---	---		42	---	---	---	---	---	

DESCRIPT.	DF	LOAD		DEMAND	
OTH. PNLS.	1	93790	VOLTAGE: 480	93790	
RECEPT.	0.5	0	PHASES: 3	0	
LIGHT	1.25	0	SPARE %: 0.2	0	
HEAT	1	0		0	
COOL	1	[illegible]		139100	
MOTOR	1	0		0	
OTHER	1	0		0	
SPARE	1	27820		27820	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	260710	314		260710	314

NOTES: PROVIDE FEED THROUGH LUGS TO SERVE PANEL "HM5A"

PANEL "HM5A"

PNL. BRD. "HM5A"	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	[illegible]	2	30/3	[illegible]	1/2"	WSHP	C	12300
3	---	---	---	---	---		4	---	---	---	---	---	
5	---	---	---	---	---		6	---	---	---	---	---	
7	20/1			SPARE			8	20/1	[illegible]	1/2"	WSHP	C	2400
9	20/1			SPARE			10	20/1	12	1/2"	WSHP	C	2400
11	20/1			SPARE			12	[illegible]			SPARE		
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				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	0		0	
COOL	1	36000		36000	
MOTOR	1	0		0	
OTHER	1	0		0	
SPARE	1	7200		7200	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	43200	52		43200	52

NOTES:

PANEL "L7"

PNL. BRD. "L7"	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	600	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	12	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	900
13	20/1	10	1/2"	RECEPT	R	900	14	20/1	10	1/2"	RECEPT	R	900
15	20/1	12	1/2"	EWC	R	1200	16	20/1	10	1/2"	RECEPT	R	900
17	20/1	12	1/2"	EWC	R	1200	18	20/2	12	1/2"	HAND DRY	H	2300
19	20/1	12	1/2"	LIGHTING	L	1000	20	---	---	---	---	---	
21	20/1			SPARE			22	20/2	12	1/2"	HAND DRY	H	2300
23	20/1			SPARE			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	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 L7A	P	20390
39	20/1			SPARE			40	---	---	---	---	---	
41	20/1			SPARE			42	---	---	---	---	---	

DESCRIPT.	DF	LOAD		DEMAND	
OTH. PNLS.	1	32700	VOLTAGE: 208	32700	
RECEPT.	0.5	15600	PHASES: 3	7800	
LIGHT	1.25	1000	SPARE %: 0.2	1250	
HEAT	1	4600		4600	
COOL	1	0		0	
MOTOR	1	0		0	
OTHER	1	0		0	
SPARE	1	4240		4240	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	58140	161		50590	140

NOTES: PROVIDE FEED THROUGH LUGS TO SERVE PANEL "L7A"

PANEL "L7A"

PNL. BRD. "L7A"	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	40/2	8	3/4"	DSOU-6	C	5200	2	20/2	12	1/2"	DSOU-11	C	2800
3	---	---	---	---	---		4	---	---	---	---	---	
5	20/1	12	1/2"	RECEPT	R	700	6	20/1	10	1/2"	RECEPT	R	600
7	20/1	12	1/2"	RECEPT	R	800	8	20/1	12	1/2"	TRAP PRMR	O	800
9	20/1	12	1/2"	RECEPT	R	600	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	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				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	2500	PHASES: 3	1250	
LIGHT	1.25	0	SPARE %: 0.2	0	
HEAT	1	0		0	
COOL	1	8000		8000	
MOTOR	1	0		0	
OTHER	1	800		800	
SPARE	1	2260		2260	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	13560	38		12310	34

NOTES:

PANEL "IG7"

PNL. BRD. "IG7"	NO. OF CKT. SPACES: 42	MAIN DEVICE:
PP VOLT. 208	AIC RATING: 22,000	TYPE: MCB
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	500
3	20/1	12	1/2"	IG RECEPT	R	[illegible]	4	[illegible]	[illegible]	1/2"	IG RECEPT	R	800
5	20/1	12	1/2"	IG RECEPT	[illegible]	800	6	20/1	12	1/2"	IG RECEPT	R	1000
7	20/1	12	1/2"	IG RECEPT	[illegible]	800	8	20/1	12	1/2"	IG RECEPT	R	800
9	20/1	12	1/2"	IG RECEPT	[illegible]	1000	10	20/1	[illegible]	1/2"	IG RECEPT	R	800
11	20/1	12	1/2"	IG RECEPT	[illegible]	800	12	20/1	12	1/2"	IG RECEPT	R	1000
13	20/1	12	1/2"	IG RECEPT	R	800	14	[illegible]	12	1/2"	IG RECEPT	R	800
15	20/1	12	1/2"	IG RECEPT	R	1000	16	20/1	12	1/2"	IG RECEPT	R	800
17	20/1	10	1/2"	IG RECEPT	R	800	18	20/1	12	1/2"	IG RECEPT	R	1000
19	20/1	[illegible]	1/2"	IG RECEPT	[illegible]	800	20	20/1	10	1/2"	IG RECEPT	R	800
21	[illegible]	10	1/2"	IG RECEPT	[illegible]	1000	22	20/1	10	1/2"	IG RECEPT	R	800
23	20/1			SPARE			24	20/1	10	1/2"	IG RECEPT	R	1000
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	[illegible]			SPARE			34	20/1			SPARE		
35	20/1			SPARE			36	20/1			SPARE		
37	20/1			SPARE			38	100/3	SEE RISER		PANEL IG8	P	13260
39	20/1			SPARE			40	---	---	---	---	---	
41	20/1			SPARE			42	---	---	---	---	---	

DESCRIPT.	DF	LOAD		DEMAND	
OTH. PNLS.	1	21560	VOLTAGE: 208	21560	
RECEPT.	0.5	19800	PHASES: 3	9900	
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	3960		3960	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	45320	126		35420	98

NOTES: PROVIDE FEED THROUGH LUGS TO SERVE PANEL "IG7A"

PANEL "IG7A"

PNL. BRD. "IG7A"	NO. OF CKT. SPACES: 42	MAIN DEVICE:
PP VOLT. 208	AIC RATING: 22,000	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	12	1/2"	IG RECEPT	R	1000	2	20/1	12	1/2"	IG RECEPT	R	1000
3	20/1	12	1/2"	IG RECEPT	R	1000	4	20/1	12	1/2"	IG RECEPT	R	1000
5	20/1	10	1/2"	IG RECEPT	R	1000	6	20/1	12	1/2"	IG RECEPT	R	1000
7	20/1	10	1/2"	IG RECEPT	R	1000	8	20/1	10	1/2"	IG RECEPT	R	1000
9	20/1			SPARE			10	20/1	10	1/2"	IG RECEPT	R	1000
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	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	VOLTAGE: 208	0	
RECEPT.	0.5	9000	PHASES: 3	4500	
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	1800		1800	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	10800	30		6300	17

NOTES:

PANEL "L8"

PNL. BRD. "L8"	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	10	1/2"	RECEPT	R	600	14	20/1	12	1/2"	EWC	R	1200
15	20/1	10	1/2"	RECEPT	R	600	16	20/1	12	1/2"	EWC	R	1200
17	20/2	12	1/2"	HAND DRY	H	2300	18	20/1	10	3/4"	COPIER	R	1500
19	---	---	---	---	---		20	20/1	12	1/2"	RECEPT	R	600
21	20/2	12	1/2"	HAND DRY	H	2300	22	20/1	12	1/2"	LIGHTING	L	1000
23	---	---	---	---	---		24	20/1	12	1/2"	RECEPT	R	600
25	20/1	12	1/2"	TRAP PRMR	O	800	26	20/1	10	1/2"	RECEPT	R	700
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	VOLTAGE: 208	0	
RECEPT.	0.5	17800	PHASES: 3	8900	
LIGHT	1.25	1000	SPARE %: 0.2	1250	
HEAT	1	4600		4600	
COOL	1	0		0	
MOTOR	1	0		0	
OTHER	1	800		800	
SPARE	1	4840		4840	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	29040	81		20390	57

NOTES:

PANEL "IG8"

PNL. BRD. "IG8"	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	10	1/2"	IG RECEPT	R	800	8	20/1	10	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	800
11	20/1	10	1/2"	IG RECEPT	R	1000	12	20/1	10	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	800	16	20/1	10	1/2"	IG RECEPT	R	800
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	12	1/2"	IG RECEPT	R	800
21	20/1	10	1/2"	IG RECEPT	R	1000	22	20/1	12	1/2"	IG RECEPT	R	800
23	20/1	10	1/2"	IG RECEPT	R	800	24	20/1	10	1/2"	IG RECEPT	R	1000
25	20/1			SPARE			26	20/1	10	1/2"	IG RECEPT	R	1000
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	VOLTAGE: 208	0	
RECEPT.	0.5	21800	PHASES: 3	10900	
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	4360		4360	
	CONN.LOAD	AMP		DEM.LOAD	AMP
	26160	73		15260	42

NOTES:

Order Plans @ WWW.LDILine.com

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

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

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. E6-04

ISSUED FOR CONSTRUCTION