entegra
integrated energy engineering
262 Dickinson Drive | Reading | PA | 19605
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PANEL: 'LP2A' BUS AMP: 200 AMPS MAIN BREAKER: 200 A MLO
MOUNTING: SURFACE PHASE: 3 WIRE: 4 VOLTAGE: 208Y120 AIC: 65,000

CKT	CIRCUIT DESCRIPTION	BREAKER P	BREAKER AMP	WIRE NO	WIRE SIZE	GND SIZE	COND	KVA/PH A	KVA/PH B	KVA/PH C	KVA/PH A	KVA/PH B	KVA/PH C	COND	GND SIZE	WIRE SIZE	WIRE NO	BREAKER AMP	BREAKER P	CIRCUIT DESCRIPTION	CKT
1	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	2
3	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	4
5	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	6
7	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	8
9	GUEST SUITE REC	1	20	2	12	12	3/4		1.0			1.0		3/4	12	12	2	20	1	GUEST SUITE REC	10
11	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	12
13	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	14
15	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	16
17	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	18
19	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	20
21	GUEST SUITE REC	1	20	2	12	12	3/4		1.0			0.6		3/4	12	12	2	20	1	GUEST SUITE REC	22
23	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	24
25	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	26
27	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	28
29	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	30
31	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	32
33	GUEST SUITE REC	1	20	2	12	12	3/4		0.6			0.6		3/4	12	12	2	20	1	GUEST SUITE REC	34
35	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	36
37	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	38
39	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	40
41	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	42
43	GUEST SUITE REC	1	20	2	12	12	3/4	1.0			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	44
45	GUEST SUITE REC	1	20	2	12	12	3/4		1.0			0.6		3/4	12	12	2	20	1	GUEST SUITE REC	46
47	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	48
49	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	50
51	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	52
53	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	54
55	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	56
57	GUEST SUITE REC	1	20	2	12	12	3/4		0.6			0.6		3/4	12	12	2	20	1	GUEST SUITE REC	58
59	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	60
61	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	62
63	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	64
65	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	66
67	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	68
69	GUEST SUITE REC	1	20	2	12	12	3/4		1.0			0.6		3/4	12	12	2	20	1	GUEST SUITE REC	70
71	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	72
73	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	74
75	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	76
77	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	78
79	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	80
81	GUEST SUITE REC	1	20	2	12	12	3/4		1.0			0.6		3/4	12	12	2	20	1	GUEST SUITE REC	82
83	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	84
							TOTALS	10.7	7.6	2.8	10.5	6.0	2.8								
								PANEL TOTALS			21.2	13.6	5.6								

PANEL: 'LP2B' BUS AMP: 200 AMPS MAIN BREAKER: 200 A MLO
MOUNTING: SURFACE PHASE: 3 WIRE: 4 VOLTAGE: 208Y120 AIC: 65,000

CKT	CIRCUIT DESCRIPTION	BREAKER P	BREAKER AMP	WIRE NO	WIRE SIZE	GND SIZE	COND	KVA/PH A	KVA/PH B	KVA/PH C	KVA/PH A	KVA/PH B	KVA/PH C	COND	GND SIZE	WIRE SIZE	WIRE NO	BREAKER AMP	BREAKER P	CIRCUIT DESCRIPTION	CKT
1	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	2
3	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	4
5	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	6
7	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	8
9	GUEST SUITE REC	1	20	2	12	12	3/4		0.8			0.6		3/4	12	12	2	20	1	GUEST SUITE REC	10
11	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	12
13	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	14
15	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	16
17	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	18
19	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	20
21	GUEST SUITE REC	1	20	2	12	12	3/4		0.6			0.6		3/4	12	12	2	20	1	GUEST SUITE REC	22
23	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	24
25	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	26
27	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	28
29	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	30
31	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	32
33	GUEST SUITE REC	1	20	2	12	12	3/4		0.6			1.0		3/4	12	12	2	20	1	GUEST SUITE REC	34
35	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	36
37	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	38
39	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	40
41	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	42
43	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	44
45	GUEST SUITE REC	1	20	2	12	12	3/4		0.6			0.6		3/4	12	12	2	20	1	GUEST SUITE REC	46
47	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	48
49	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	50
51	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	52
53	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	20	1	GUEST SUITE REC	54
55	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			3/4	12	12	2	20	1	GUEST SUITE REC	56
57	GUEST SUITE REC	1	20	2	12	12	3/4		0.6			0.6		3/4	12	12	2	[illegible]	1	GUEST SUITE REC	58
59	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	[illegible]	20	[illegible]	GUEST SUITE REC	60
61	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			0.7			3/4	12	[illegible]	[illegible]	20	[illegible]	GUEST SUITE LIGHTING	62
63	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			0.2		3/4	[illegible]	12	2	[illegible]	[illegible]	GUEST SUITE REC	64
65	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	3/4	12	12	2	[illegible]	1	GUEST SUITE REC	66
67	GUEST SUITE REC	1	20	2	12	12	3/4	0.8			0.8			[illegible]	12	12	2	20	[illegible]	GUEST SUITE REC	68
69	GUEST SUITE REC	1	20	2	12	12	3/4		0.6			1.0		[illegible]	12	12	2	20	1	GUEST SUITE REC	70
71	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.2	[illegible]	[illegible]	[illegible]	2	20	1	GUEST SUITE REC	72
73	GUEST SUITE LIGHTING	1	20	2	12	12	3/4	0.7			1.0			3/4	12	[illegible]	2	20	1	CORRIDOR RECEPT.	74
75	GUEST SUITE REC	1	20	2	12	12	3/4		0.2			1.0		[illegible]	12	[illegible]	2	20	1	CORRIDOR RECEPT.	76
77	GUEST SUITE REC	1	20	2	12	12	3/4			0.2			0.4	[illegible]	12	12	2	20	1	GENERAL RECEP.	78
79	GUEST SUITE REC	1	20	2	12	12	[illegible]	0.8			[illegible]			3/4	12	12	2	20	1	ELEV. RECEPT.	80
81	GUEST SUITE REC	1	20	2	12	12	[illegible]		1.0			0.2		3/4	12	12	2	20	1	ICE MACHINE	82
83	GUEST SUITE REC	1	20	2	12	12	3/4			0.2								20	1	SPARE	84
							TOTALS	10.5	[illegible]	2.8	10.2	6.8	2.8								
								PANEL TOTALS			20.7	13.0	5.6								

PANEL: 'M2' BUS AMP: 400 AMPS MAIN BREAKER: 400 A MLO
MOUNTING: SURFACE PHASE: 3 WIRE: 4 VOLTAGE: 208Y120 AIC: 65,000

CKT	CIRCUIT DESCRIPTION	BREAKER P	BREAKER AMP	WIRE NO	WIRE SIZE	GND SIZE	COND	KVA/PH A	KVA/PH B	KVA/PH C	KVA/PH A	KVA/PH B	KVA/PH C	COND	GND SIZE	WIRE SIZE	WIRE NO	BREAKER AMP	BREAKER P	CIRCUIT DESCRIPTION	CKT
1	PTAC-2	2	30	3	10	10	3/4	2.9			2.9			3/4	10	10	3	30	2	PTAC-2	2
3									2.9			2.9									4
5	PTAC-1	2	20	3	12	12	3/4			2.0			2.9	3/4	10	10	3	30	2	PTAC-2	6
7								2.0			2.9										8
9	PTAC-1	2	20	3	12	12	3/4		2.0			2.9		3/4	10	10	[illegible]	30	2	PTAC-2	10
11										2.0			2.9								12
13	PTAC-2	2	30	3	10	10	3/4	2.9			2.0			[illegible]	[illegible]	12	3	20	2	PTAC-1	14
15									2.9			2.0									16
17	PTAC-2	2	30	3	10	10	3/4			2.9			2.0	3/4	12	12	3	20	2	PTAC-1	18
19								2.9			2.0										20
21	PTAC-2	2	30	3	10	10	3/4		2.9			2.0		3/4	12	12	3	20	2	PTAC-1	22
23										2.9			2.0								24
25	PTAC-1	2	20	3	[illegible]	12	[illegible]	2.0			2.9			3/4	10	10	3	30	2	PTAC-2	26
27									2.0			2.9									28
29	PTAC-1	2	20	[illegible]	12	[illegible]	3/4			2.0			1.9	3/4	10	10	3	25	2	VTAC-1	30
31								2.0			1.9										32
33	PTAC-1	2	20	3	[illegible]	12	3/4		2.0			1.9		3/4	10	10	3	25	2	VTAC-1	34
35										2.0			1.9								36
37	PTAC-1	2	[illegible]	3	12	12	3/4	2.0			1.5			3/4	12	12	2	20	1	EWH-1	38
39									2.0			1.5		3/4	12	12	2	20	1	EWH-1	40
41	PTAC-1	2	20	3	12	12	3/4			2.0			3.1	3/4	10	10	2	30	2	SS-1	42
43								2.0			3.1										44
45	PTAC-1	2	20	3	12	12	3/4		2.0									20	1	SPARE	46
47										2.0								20	1	SPARE	48
49	PTAC-1	2	20	3	12	12	3/4	2.0										20	1	SPARE	50
51									2.0									20	1	SPARE	52
53	PTAC-1	2	20	3	12	12	3/4			2.0								20	1	SPARE	54
55								2.0										20	1	SPARE	56
57	PTAC-2	2	30	3	10	10	3/4		2.9									20	1	SPARE	58
59										2.9								20	1	SPARE	60
61	PTAC-2	2	30	3	10	10	3/4	2.9										20	1	SPARE	62
63									2.9									20	1	SPARE	64
65	PTAC-1	2	20	3	12	12	3/4			2.0								20	1	SPARE	66
67								2.0										20	1	SPARE	68
69	PTAC-1	2	20	3	12	12	3/4		2.0									20	1	SPARE	70
71										2.0								20	1	SPARE	72
73	PTAC-1	2	20	3	12	12	3/4	2.0										20	1	SPARE	74
75									2.0									20	1	SPARE	76
77	PTAC-1	2	20	3	12	12	3/4			2.0								20	1	SPARE	78
79								2.0										20	1	SPARE	80
81	PTAC-1	2	20	3	12	12	3/4		2.0									20	1	SPARE	82
83										2.0								20	1	SPARE	84
							TOTALS	31.6	32.5	30.7	19.2	16.1	16.7								
								PANEL TOTALS			50.8	48.6	47.4								

PANEL: 'LP2C' BUS AMP: 100 AMPS MAIN BREAKER: 100 A MLO
MOUNTING: SURFACE PHASE: 3 WIRE: 4 VOLTAGE: 208Y120 AIC: 65,000

CKT	CIRCUIT DESCRIPTION	BREAKER P	BREAKER AMP	WIRE NO	WIRE SIZE	GND SIZE	COND	KVA/PH A	KVA/PH B	KVA/PH C	KVA/PH A	KVA/PH B	KVA/PH C	COND	GND SIZE	WIRE SIZE	WIRE NO	BREAKER AMP	BREAKER P	CIRCUIT DESCRIPTION	CKT
1	2ND FLR LIGHTING	1	20	2	12	12	3/4	0.8			0.7			3/4	12	12	2	20	1	GUEST SUITE LIGHTING	2
3	2ND FLR LIGHTING	1	20	2	12	12	3/4		0.4			0.2		3/4	12	12	2	20	1	GUEST SUITE REC	4
5	SPARE	1	20										0.2	3/4	12	12	2	20	1	GUEST SUITE REC	6
7	SPARE	1	20								0.8			3/4	12	12	2	20	1	GUEST SUITE REC	8
9	SPARE	1	20									1.0		3/4	12	12	2	20	1	GUEST SUITE REC	10
11	SPARE	1	20										0.2	3/4	12	12	2	20	1	GUEST SUITE REC	12
13	SPARE	1	20															20	1	SPARE	14
15	SPARE	1	20															20	1	SPARE	16
17	SPARE	1	20															20	1	SPARE	18
19	SPARE	1	20															20	1	SPARE	20
21	SPARE	1	20															20	1	SPARE	22
23	SPARE	1	20															20	1	SPARE	24
25	SPARE	1	20															20	1	SPARE	26
27	SPARE	1	20															20	1	SPARE	28
29	SPARE	1	20															20	1	SPARE	30
31	SPACE/PROVISIONS	1																	1	SPACE/PROVISIONS	32
33	SPACE/PROVISIONS	1																	1	SPACE/PROVISIONS	34
35	SPACE/PROVISIONS	1																	1	SPACE/PROVISIONS	36
37	SPACE/PROVISIONS	1																	1	SPACE/PROVISIONS	38
39	SPACE/PROVISIONS	1																	1	SPACE/PROVISIONS	40
41	SPACE/PROVISIONS	1																	1	SPACE/PROVISIONS	42
							TOTALS	0.8	0.4	###	1.5	1.2	0.4								
								PANEL TOTALS			2.3	1.6	0.4								

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No.	Description	Date

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SEAL:

ELECTRICAL PANEL SCHEDULES

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WILSON, NC 27893

STATUS: FOR BID
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