entegra
integrated energy engineering
262 Dickinson Drive | Reading | PA | 19605
610-750-9129 | www.entegraeng.com

PANEL: 'LP4A' BUS AMP: 200 AMPS MAIN BREAKER: 200 A MLO
MOUNTING: SURFACE PHASE: 3 WIRE: 4 VOLTAGE: 208Y120 AIC: 65,000

CKT	CIRCUIT DESCRIPTION	BREAKER		WIRE		GND	COND	KVA/PH			KVA/PH			COND	GND	WIRE		BREAKER		CIRCUIT DESCRIPTION	CKT
		P	AMP	NO	SIZE	SIZE		A	B	C	A	B	C		SIZE	SIZE	NO	AMP	P		
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			0.8		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	6.2	2.8								
								PANEL TOTALS			21.2	13.8	5.6								

PANEL: 'LP4B' BUS AMP: 200 AMPS MAIN BREAKER: 200 A MLO
MOUNTING: SURFACE PHASE: 3 WIRE: 4 VOLTAGE: 208Y120 AIC: 65,000

CKT	CIRCUIT DESCRIPTION	BREAKER		WIRE		GND	COND	KVA/PH			KVA/PH			COND	GND	WIRE		BREAKER		CIRCUIT DESCRIPTION	CKT
		P	AMP	NO	SIZE	SIZE		A	B	C	A	B	C		SIZE	SIZE	NO	AMP	P		
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			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	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	[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	1.0			0.8			3/4	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	3/4	[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		3/4	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	3/4	0.8			[illegible]			3/4	12	12	2	20	1	ELEV. RECEPT.	80
81	GUEST SUITE REC	1	20	2	12	12	[illegible]		[illegible]			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	10.7	[illegible]	2.8	10.2	6.8	2.8								
								PANEL TOTALS			20.9	12.8	5.6								

PANEL: 'M4' BUS AMP: 400 AMPS MAIN BREAKER: 400 A MLO
MOUNTING: SURFACE PHASE: 3 WIRE: 4 VOLTAGE: 208Y120 AIC: 65,000

CKT	CIRCUIT DESCRIPTION	BREAKER		WIRE		GND	COND	KVA/PH			KVA/PH			COND	GND	WIRE		BREAKER		CIRCUIT DESCRIPTION	CKT
		P	AMP	NO	SIZE	SIZE		A	B	C	A	B	C		SIZE	SIZE	NO	AMP	P		
1	PTAC-2	2	30	3	10	10	3/4	2.9			2.9			3/4	10	10	[illegible]	[illegible]	2	PTAC-2	2
3									2.9			2.9									4
5	PTAC-2	2	20	3	12	12	3/4			2.9			2.9	3/4	[illegible]	12	[illegible]	20	[illegible]	PTAC-2	6
7								2.9			2.9										8
9	PTAC-2	2	20	3	12	12	3/4		2.9			2.9		[illegible]	12	[illegible]	3	20	2	PTAC-2	10
11										2.9			[illegible]								12
13	PTAC-2	2	20	3	12	12	3/4	2.9			2.9			3/4	[illegible]	12	3	20	2	PTAC-2	14
15									2.9			2.9									16
17	PTAC-2	2	20	3	12	12	3/4			2.9			2.9	3/4	12	12	3	20	2	PTAC-2	18
19								[illegible]			2.9										20
21	PTAC-2	2	30	3	10	10	3/4		2.9			2.9		3/4	12	12	3	20	2	PTAC-2	22
23										[illegible]			2.9								24
25	PTAC-2	2	30	3	[illegible]	10	[illegible]	[illegible]			2.9			3/4	10	10	3	30	2	PTAC-2	26
27									2.9			2.9									28
29	PTAC-2	2	30	[illegible]	10	[illegible]	3/4			2.9			1.9	3/4	10	10	3	25	2	VTAC-1	30
31								2.9			1.9										32
33	PTAC-2	2	20	3	[illegible]	12	3/4		2.9			1.9		3/4	10	10	3	25	2	VTAC-1	34
35										2.9			1.9								36
37	[illegible]	[illegible]	[illegible]	3	12	12	3/4	2.9			1.3			3/4	12	12	3	20	2	CU-1	38
[illegible]									2.9			1.3									40
41	PTAC-2	2	20	3	12	12	3/4			2.9			1.3	3/4	12	12	3	20	2	CU-1	42
43								2.9			1.3										44
45	PTAC-2	2	20	3	12	12	3/4		2.9			1.3		3/4	12	12	3	20	2	CU-1	46
47										2.9			1.3								48
[illegible]	[illegible]	2	20	3	12	12	3/4	2.9			1.0			3/4	12	12	2	20	1	EF-4	50
[illegible]									2.9			1.5		3/4	12	12	2	20	1	EWH-1	52
53	PTAC-2	2	20	3	12	12	3/4			2.9			1.5	3/4	12	12	2	20	1	EWH-1	54
55								2.9			3.1			3/4	10	10	2	30	2	SS-1	56
57	PTAC-2	2	25	3	10	10	3/4		2.9			3.1									58
59										2.9								20	1	SPARE	60
61	PTAC-2	2	20	3	12	12	3/4	2.9										20	1	SPARE	62
63									2.9									20	1	SPARE	64
65	PTAC-2	2	20	3	12	12	3/4			2.9								20	1	SPARE	66
67								2.9										20	1	SPARE	68
69	PTAC-2	2	30	3	10	10	3/4		2.9									20	1	SPARE	70
71										2.9								20	1	SPARE	72
73	PTAC-2	2	30	3	10	10	3/4	2.9										20	1	SPARE	74
75									2.9									20	1	SPARE	76
77	PTAC-2	2	30	3	10	10	3/4			2.9								20	1	SPARE	78
79								2.9										20	1	SPARE	80
81	PTAC-2	2	30	3	10	10	3/4		2.9									20	1	SPARE	82
83										2.9								20	1	SPARE	84
							TOTALS	40.6	40.6	40.6	23.1	23.6	19.5								
								PANEL TOTALS			63.7	64.2	60.1								

PANEL: 'LP4C' BUS AMP: 100 AMPS MAIN BREAKER: 100 A MLO
MOUNTING: SURFACE PHASE: 3 WIRE: 4 VOLTAGE: 208Y120 AIC: 65,000

CKT	CIRCUIT DESCRIPTION	BREAKER		WIRE		GND	COND	KVA/PH			KVA/PH			COND	GND	WIRE		BREAKER		CIRCUIT DESCRIPTION	CKT
		P	AMP	NO	SIZE	SIZE		A	B	C	A	B	C		SIZE	SIZE	NO	AMP	P		
1	4TH FL LIGHTING	1	20	2	12	12	3/4	0.8			0.2			3/4	12	12	2	20	1	ELEVATOR LIGHTING	2
3	4TH FL LIGHTING	1	20	2	12	12	3/4		0.4			0.2		3/4	12	12	2	20	1	ELEVATOR LIGHTING	[illegible]
5	SPARE	1	20										1.0	3/4	12	12	2	20	1	SIGNAGE LIGHTING	[illegible]
7	SPARE	1	20															20	1	SPARE	8
9	SPARE	1	20															20	[illegible]	[illegible]	10
11	SPARE	1	20															20	1	SPARE	12
13	SPARE	1	20															20	1	SPARE	14
15	SPARE	1	20															20	1	SPARE	16
17	SPARE	1	20															[illegible]	1	SPARE	18
19	SPARE	1	20															20	1	SPARE	20
21	SPARE	1	20															[illegible]	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																1	SPACE/PROVISIONS	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	[illegible]	[illegible]	###	0.2	0.2	1.0								
								PANEL TOTALS			1.0	0.6	1.0								

Order Plans @ www.LDIILine.com

No.	Description	Date

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INTERSECTION OF HAYNES PLACE & LAMM RD.
WILSON, NC 27893

STATUS: FOR BID
PROJ. DATE: 06/06/2019
PROJ. NO. 19-116
PRINTED: 06/06/2019
DRAWN BY: jlm/brm/jpk
CHECKED BY: brm
SHEET NO. E5.6
SCALE: AS NOTED