



- ELECTRICAL RISER DIAGRAM NOTES:
- REFER TO SWITCHBOARD AND PANELBOARD SCHEDULES FOR CONDUIT AND CONDUCTOR SIZES.
 - EQUIPMENT SHOWN IN DASH-DASH LINE STYLE ARE EXISTING TO REMAIN. REFER TO PANEL SCHEDULES FOR ANY MODIFICATIONS.
 - EXISTING PANELBOARD TO BE REPLACED WITH NEW PANEL AS INDICATED ON PANEL BOARD SCHEDULE.
 - SURGE PROTECTIVE DEVICE (SPD) PER SECTION 26241.3 AND/OR 26241.6. SPD SHALL BE INSTALLED BY AND SHIPPED FROM THE PANELBOARD AND/OR SWITCHBOARD MANUFACTURER'S FACTORY.
 - FOR ALL EXISTING PANELS, FURNISH AND INSTALL NEW NAMEPLATE PER SECTION 26 24 17 AND NEW PANEL DIRECTORY THAT INDICATES ALL CIRCUITS (NEW AND EXISTING).

ELECTRICAL RISER DIAGRAM DB E601 NO SCALE

480Y/277V 3-Phase 4-Wire LIGHTING PANEL Name: LM Section 1

CIR DESCRIPTION	CONDUIT	PHASE	NEUT	GND	TRIP POLES	PHASE LOADS			DESCRIPTION	CIR						
						A	B	C								
1 GWU	1/2"	#12	-	#12	20	3	2577	-	3	20	1/2"	#12	-	#12	GWU	2
3 -	-	#12	-	-	-	-	2577	-	-	-	-	-	-	-	GWU	4
5 -	-	#12	-	-	-	-	2577	-	-	-	-	-	-	-	GWU	6
7 GWU	1/2"	#12	-	#12	20	3	2577	-	3	20	1/2"	#12	-	#12	GWU	8
9 -	-	#12	-	-	-	-	2577	-	-	-	-	-	-	-	GWU	10
11 -	-	#12	-	-	-	-	2577	-	-	-	-	-	-	-	GWU	12
13 GWU	1/2"	#12	-	#12	20	3	2577	-	3	20	1/2"	#12	-	#12	GWU	14
15 -	-	#12	-	-	-	-	2577	-	-	-	-	-	-	-	GWU	16
17 -	-	#12	-	-	-	-	2577	-	-	-	-	-	-	-	GWU	18
19 GWU	1/2"	#12	-	#12	20	3	2577	-	3	20	1/2"	#12	-	#12	GWU	20
21 -	-	#12	-	-	-	-	2577	-	-	-	-	-	-	-	GWU	22
23 -	-	#12	-	-	-	-	2577	-	-	-	-	-	-	-	GWU	24
25 GWU	1/2"	#12	-	#12	20	3	2577	-	3	20	1/2"	#12	-	#12	GWU	26
27 -	-	#12	-	-	-	-	2577	-	-	-	-	-	-	-	GWU	28
29 -	-	#12	-	-	-	-	2577	-	-	-	-	-	-	-	GWU	30
31 GWU	1/2"	#12	-	#12	20	3	2577	-	1	20	Note 3	#12	#12	#12	EH-	32
33 -	-	#12	-	-	-	-	4000	-	1	20	Note 3	#12	#12	#12	EH-	34
35 -	-	#12	-	-	-	-	4000	-	1	20	Note 3	#12	#12	#12	EH-	36
37 EH-	Note 3	#12	#12	#12	20	1	4000	-	1	20	Note 3	#12	#12	#12	EH-	38
39 EH-	Note 3	#12	#12	#12	20	1	4000	-	1	20	Note 3	#12	#12	#12	EH-	40
41 EH-	Note 3	#12	#12	#12	20	1	4000	-	1	20	Note 3	#12	#12	#12	EH-	42

208Y/120V 3-Phase 4-Wire LIGHTING PANEL Name: LM Section 1

CIR DESCRIPTION	CONDUIT	PHASE	NEUT	GND	TRIP POLES	PHASE LOADS			DESCRIPTION	CIR							
						A	B	C									
1 GWU-15	1/2"	#8	-	#10	35	2	2798	-	2	35	1/2"	#8	-	#10	GWU-15	2	
3 -	-	#8	-	-	-	-	2797	-	-	-	-	-	-	-	GWU-15	4	
5 MHP-1	1/2"	#12	-	#12	20	2	1248	-	104	2	1/2"	#12	-	#12	MANA-2	6	
7 -	-	#12	-	-	-	-	1248	-	104	2	1/2"	#12	-	#12	MANA-2	8	
9 MHP-1	1/2"	#12	-	#12	15	2	1248	-	104	2	1/2"	#12	-	#12	MHP-2	10	
11 -	-	#12	-	-	-	-	1248	-	104	2	1/2"	#12	-	#12	MHP-2	12	
13 FIRE ALARM PNL	Note 3	#12	#12	#12	20	1	600	-	1	20	Note 3	#12	#12	#12	EDF CORRIDOR	14	
15 EF-	Note 3	#12	#12	#12	20	1	1392	-	1	20	Note 3	#12	#12	#12	RECEP/CLERK	16	
17 VERIFY LOAD	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	RECEP/CLERK	18	
19 TWP-1	1/2"	#10	-	#10	30	2	1560	-	1200	1	20	Note 3	#12	#12	#12	RECEP/CLERK	20
21 -	-	#10	-	-	-	-	1000	-	1	20	Note 3	#12	#12	#12	RECEP/CLERK	22	
23 WPC-102, 4, 7, 8, 9	1/2"	#10	-	#10	15	2	490	-	490	-	-	-	-	-	SPARE	24	
25 -	-	#10	-	-	-	-	490	-	490	-	-	-	-	-	SPARE	26	
27 WPC-101, 3, 5, 6	1/2"	#10	-	#10	15	2	5334	-	140	1	20	Note 3	#12	#12	#12	DISHWASHER W/105	28
29 -	-	#10	-	-	-	-	1000	-	1	20	Note 3	#12	#12	#12	DISHWASHER W/105	30	
31 WPC-203-211	1/2"	#10	-	#10	15	2	550	-	1	20	Note 3	#12	#12	#12	SPARE	32	
33 -	-	#10	-	-	-	-	550	-	1	20	Note 3	#12	#12	#12	SPARE	34	
35 WPC-201-206, 212	1/2"	#10	-	#10	15	2	635	-	1	20	Note 3	#12	#12	#12	SPARE	36	
37 -	-	#10	-	-	-	-	635	-	1	20	Note 3	#12	#12	#12	SPARE	38	
39 MHP/WHP-100	1/2"	#12	-	#12	15	2	820	-	1	20	Note 3	#12	#12	#12	SPARE	40	
41 -	-	#12	-	-	-	-	820	-	1	20	Note 3	#12	#12	#12	SPARE	42	

208Y/120V 3-Phase 4-Wire LIGHTING PANEL Name: LBC Section 1

CIR DESCRIPTION	CONDUIT	PHASE	NEUT	GND	TRIP POLES	PHASE LOADS			DESCRIPTION	CIR						
						A	B	C								
43 REC (VERIFY RM)	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	44
45 REC (VERIFY RM)	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	46
47 REC (VERIFY RM)	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	48
49 REC (VERIFY RM)	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	50
51 REC (VERIFY RM)	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	52
53 REC (VERIFY RM)	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	54
55 REC (VERIFY RM)	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	56
57 REC (VERIFY RM)	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	58
59 REC (VERIFY RM)	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	60
61 REC (VERIFY RM)	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	62
63 ACC & REC RM 101	Note 3	#12	#12	#12	20	1	540	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	64
65 RECEPT DESK REC	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	66
67 RECEPT DESK REC	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	REC (VERIFY RM)	68
69 REC OFFICE 113	Note 3	#12	#12	#12	20	1	360	-	1	20	Note 3	#12	#12	#12	REC HALL 112, 107, 68	70
71 REC MAIL RM 111	Note 3	#12	#12	#12	20	1	360	-	1	20	Note 3	#12	#12	#12	REC HALL 108, 9	72
73 REC HALL 110	Note 3	#12	#12	#12	20	1	720	-	1	20	Note 3	#12	#12	#12	SPARE	74
75 Space only	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Space only	76
77 Space only	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Space only	78
79 Space only	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Space only	80
81 Space only	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Space only	82
83 Space only	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Space only	84

208Y/120V 3-Phase 4-Wire LIGHTING PANEL Name: LV Section 1

CIR DESCRIPTION	CONDUIT	PHASE	NEUT	GND	TRIP POLES	PHASE LOADS			DESCRIPTION	CIR						
						A	B	C								
1 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	2
3 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	4
5 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	6
7 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	8
9 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	10
11 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	12
13 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	14
15 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	16
17 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	18
19 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	20
21 REC (VERIFY)	Note 5	#12	#12	#12	20	1	1200	-	1	20	Note 5	#12	#12	#12	WASHING MACHINE	22
23 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	24
25 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	26
27 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	28
29 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	30
31 REC (VERIFY)	Note 5	#12	#12	#12	20	1	900	-	1	20	Note 5	#12	#12	#12	REC (VERIFY)	32
33 REC (VERIFY)	Note															