

PANEL HA (EXIST RECONNECTED)

DESCRIPTION	POLES	TRIP	CIRCUIT	LIGHTING	POWER	POWER	LIGHTING	CIRCUIT	TRIP	POLES	DESCRIPTION
TRAINING_OPEN OFFICE LTG	1P	20	1	2800			1800	2	20	1P	OPEN OFFICE LIGHTING
RECEPT_CORR, RR, OFF. LTG	1P	20	3	3840			2880	4	20	1P	CORR., OFF., STOR. LTG
BREAK_RM, OPEN OFF. LTG	1P	20	5	2800				6	20	1P	SPARE
RTU-1	3P	20	7		4069	4207		8		3P	RTU-5
			9		4069	4207		10			
			11		4069	4207		12			
			13		2934	4207		14			
RTU-2	3P	15	15		2934	4207		16		3P	RTU-7
			17		2934	4207		18			
			19		4207			20			
RTU-3	3P	20	21		4207			22		3P	
			23		4207			24			
			25					26			
			27					28			
29					30			20	1P		
GROUND BUS											
CONNECTED LIGHTING	13820	X 1.25		17275			DESIGNATION	PANEL HA (EXIST RECONNECTED)			
CONNECTED POWER	58872						MOUNTING	SURFACE			
TOTAL DESIGN LOAD	76147						VOLTAGE-PHASE-WIRE	277/480 3 PH 4 WIRE			
TOTAL CONNECTED AMPS	91.70						MAINS TYPE	MLO			
							MAINS AMPS	225			

PANEL LA (EXIST RECONNECTED)

DESCRIPTION	POLES	TRIP	CIRCUIT	LIGHTING	POWER	POWER	LIGHTING	CIRCUIT	TRIP	POLES	DESCRIPTION
RECEPTION RECEPTACLES	1P	20	1		1260	1260		2	20	1P	OFFICE TOILET, CORR. RECS
OFFICES RECEPTACLES	1P	20	3		1260	1440		4	20	1P	OFFICES RECEPTACLES
MONITORS RECS	1P	20	5		1000	1000		6	20	1P	MONITORS RECEPTACLES
OFFICES RECEPTACLES	1P	20	7		1080	1080		8	20	1P	TRAINING ROOM RECS
EL ROOM STORAGE RECS	1P	20	9		1080	900		10	20	1P	TELE BOARD QUAD
CORR. STORAGE RECS	1P	20	11		1080	1080		12	20	1P	BREAK RM CONVENIENCE RECS
REFRIGERATOR	1P	20	13		1000	1000		14	20	1P	MICROWAVE
DISPOSER	1P	20	15		500	720		16	20	1P	OFFICES RECEPTACLES
OFFICES RECEPTACLES	1P	20	17		1440	720		18	20	1P	OFFICES RECEPTACLES
OFFICES RMS RECS	1P	20	19		720	1000		20	20	1P	BWC
OFFICES RECEPTACLES	1P	20	21		1080	1080		22	20	1P	TOILET RM CONFER. RM RECS
F.A.C.P.	1P	20	23		500	1225		24	20	1P	EF-1, EF-2, EF-3 ON ROOF
ROOF W/RTG RECEPTACLES	1P	20	25		1800	1800		26	20	1P	SPARE
WATER HEATER	2P		27		1800	1800		28	30	2P	WATER HEATER
SIGN LTG THRU TIMECLOCK	1P	20	31		1000			32	20	1P	
	1P	20	33					34	20	1P	
	1P	20	35					36	20	1P	
GROUND BUS											
CONNECTED LIGHTING	0	X 1.25		0			DESIGNATION	PANEL LA (EXIST RECONNECTED)			
CONNECTED POWER							MOUNTING	SURFACE			
TOTAL DESIGN LOAD							VOLTAGE-PHASE-WIRE	120/208 3 PH 4 WIRE			
TOTAL CONNECTED AMPS						62.78	MAINS TYPE	MLO			
							MAINS AMPS	225			

PANEL CA (NEW)

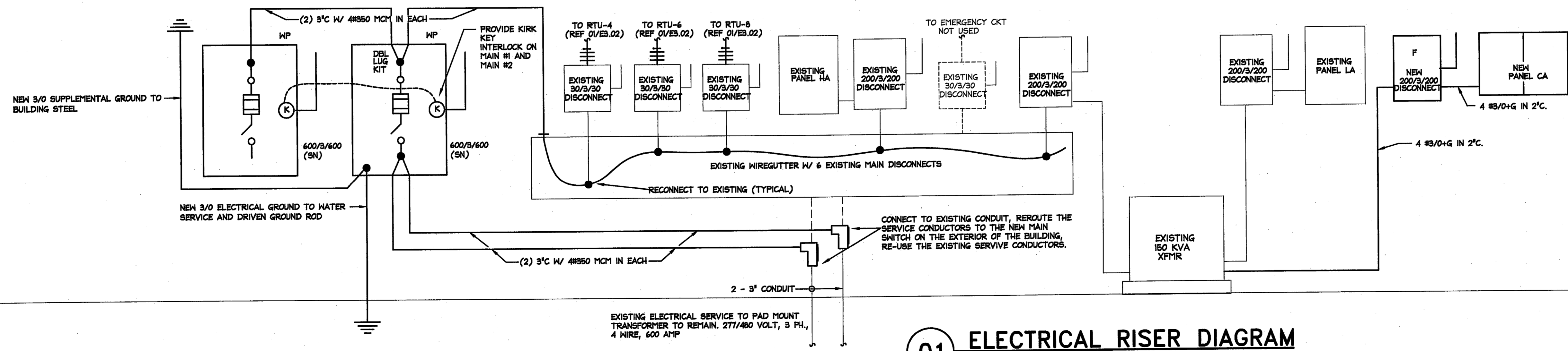
DESCRIPTION	POLES	TRIP	CIRCUIT	LIGHTING	POWER	POWER	LIGHTING	CIRCUIT	TRIP	POLES	DESCRIPTION
OPEN OFFICES COMPUTERS	1P	20	1		1000	1000		2	20	1P	OPEN OFFICES COMPUTERS
OPEN OFFICES COMPUTERS	1P	20	3		1000	1000		4	20	1P	OPEN OFFICES COMPUTERS
OPEN OFFICES COMPUTERS	1P	20	5		1000	750		6	20	1P	OPEN OFFICES COMPUTERS
OPEN OFFICES COMPUTERS	1P	20	7		1000	750		8	20	1P	OPEN OFFICES COMPUTERS
OPEN OFFICES COMPUTERS	1P	20	9		1000	1000		10	20	1P	OPEN OFFICES COMPUTERS
OPEN OFFICES COMPUTERS	1P	20	11		1000	1000		12	20	1P	OPEN OFFICES COMPUTERS
OPEN OFFICES COMPUTERS	1P	20	13		1000	1000		14	20	1P	OPEN OFFICES COMPUTERS
OPEN OFFICES COMPUTERS	1P	20	15		1000	1000		16	20	1P	OPEN OFFICES COMPUTERS
OPEN OFFICES COMPUTERS	1P	20	17		1000	750		18	20	1P	OPEN OFFICES COMPUTERS
OPEN OFFICES COMPUTERS	1P	20	19		1000	750		20	20	1P	OPEN OFFICES COMPUTERS
OPEN OFFICES COMPUTERS	1P	20	21		1000	750		22	20	1P	OPEN OFFICES COMPUTERS
OPEN OFFICES COMPUTERS	1P	20	23		250	750		24	20	1P	OPEN OFFICES COMPUTERS
TRAINING RM COMP. RECS	1P	20	25		750	750		26	20	1P	OPEN OFFICES COMPUTERS
TRAINING RM COMP. RECS	1P	20	27		750	750		28	20	1P	OPEN OFFICES COMPUTERS
TRAINING RM COMP. RECS	1P	20	29		500	750		30	20	1P	OFFICES COMPUTER RECS
GROUND BUS											
CONNECTED LIGHTING	0	X 1.25		0			DESIGNATION	PANEL CA (NEW)			
CONNECTED POWER							MOUNTING	SURFACE			
TOTAL DESIGN LOAD						34750	VOLTAGE-PHASE-WIRE	120/208 3 PH 4 WIRE			
TOTAL CONNECTED AMPS						96.57	MAINS TYPE	MCB			
							MAINS AMPS	150			

LIGHT FIXTURE SCHEDULE

MARK	DESCRIPTION	LENS LAMPS	REMARKS
A	2x4 RECESSED LAY-IN FLUORESCENT TROFFER WITH DEEP CELL PARABOLIC BAFFLE, SEM SPECULAR FINISH, ONE 2 LAMP BALLAST, WHITE FINISH ON INTERIOR, 277 VOLT LSI # N2P-G-18-232-FD-SS010-277 SERIES-277	PARABOLIC BAFFLE 2 - F03278 835K	"AE" - SAME AS FIXTURE TYPE "A" EXCEPT WITH 1300 LUMEN EMERGENCY BATTERY PACK LSI # N2P-G-18-232-FD-SS010-EM-277
A3	2x4 RECESSED LAY-IN FLUORESCENT TROFFER WITH DEEP CELL PARABOLIC BAFFLE, SEM SPECULAR FINISH, ONE 3 LAMP BALLAST, WHITE FINISH ON INTERIOR, 277 VOLT LSI # N2P-G-18-332-FD-SS010-277 SERIES-277	PARABOLIC BAFFLE 3 - F03278 835K	"A3E" - SAME AS FIXTURE TYPE "A" EXCEPT WITH 1300 LUMEN EMERGENCY BATTERY PACK LSI # N2P-G-18-332-FD-SS010-EM-277
B	RECESSED COMPACT FLUORESCENT DOWNLIGHT WITH YOKE SECURED CLEAR ALZAK REFLECTOR, OPEN FROSTED GLASS RING TIER, ALL REQUIRED MOUNTING ACCESSORIES, TRI-WATTAGE BALLAST SPECTRUM # SGBV 42-EX-MD-AR8115CL-1FGR-BH27 SERIES-277	CLEAR ALZAK REFLECTOR 1 - PLT42 835K	
C	TWIN HEAD EMERGENCY LIGHTING UNIT WITH MAINTENANCE FREE SEALED LEAD CALCIUM BATTERY, THERMOPLASTIC HOUSING, FRESNEL LENSES CHLORIDE # GM1 - SERIES - 277	FRESNEL LENSES 2 - 6 VOLT	
D	SURFACE MOUNTED 4FT 2LAMP STRIP WITH WIRE GUARD LSI #S232-SSOR-UE-WG240 SERIES-277	2 - F03278 835K	
E	EXISTING FIXTURES TO REMAIN CLEAN AND RELAMP AS REQUIRED AND/OR DIRECTED		
F	RECESSED 7" DIAMETER COMPACT FLUORESCENT DOWNLIGHT WITH YOKE SECURED CLEAR ALZAK SOFT GLOW REFLECTOR, TRI-WATTAGE BALLAST, POLISHED REFLECTOR FLANGE, ALL REQUIRED MOUNTING ACCESSORIES SPECTRUM # SGW7H-132-EX-AR7915-CLSG-FF-BH27-SERIES-277	CLEAR ALZAK SOFT GLOW REFLECTOR 1 - PLT32 835K	"FE" - SAME AS FIXTURE TYPE "F" EXCEPT WITH 1300 LUMEN EMERGENCY BATTERY PACK SPECTRUM # SGW7H-132-EX-AR7915-CLSG-FF-BH27-EM750-SERIES-277
G	2x4 RECESSED LAY-IN FLUORESCENT TROFFER WITH 125 PRISMATIC ACRYLIC LENS LSI #GA.125-232SD-SSOR-UE SERIES-277	125 PRISMATIC ACRYLIC 2 - F03278 835K	
H	SMALL COMPACT FLUORESCENT HEAVY DUTY FLOODLIGHT, GASKETED ALUMINUM HINGED DOOR, UL LISTED FOR OUTDOOR WET LOCATION DAY-BRIGHT LIGHTING FLC-28C-C-U-LP	CLEAR GLASS 108V-305V 28W CFL	FOR SIGN LIGHTING THRU TIMECLOCK
X	UNIVERSAL MOUNTED SINGLE AND/OR DOUBLE FACE LED EMERGENCY EXIT LIGHT WITH RED LETTERS, NICKEL-CADMIUM BATTERY, WHITE THERMOPLASTIC HOUSING CHLORIDE #RB SERIES	LED LAMP PANEL	
Y	WALL MOUNTED WET LOCATION LED EMERGENCY LIGHTING UNIT, 11.4 INCH DIAMETER X3.6 INCH DEEP, DIE CAST HOUSING AND COVER IN FINISH AS SELECTED CHLORIDE #DNX SERIES	2 - 6W LED	

ALTERNATE FIXTURE :
THE CONTRACTOR SHALL PROVIDE AN ALTERNATE FIXTURE FOR FIXTURES 'A' & 'A3'.
THE FIXTURES SHALL BE 2x4 RECESSED LAY-IN, DIRECT/INDIRECT, TROFFER W/
WHITE PERFORATED CENTER BASKET, ONE - 3 LAMP BALLAST, 277 VOLT.
LSI # 2LLCG-332PRM SSOR UE SERIES - 277 AND LSI # 2LLCG-332PRM SSOR-UE
EM750 SERIES - 277.

PROVIDE A 12"x12"x12" CONCRETE BASE FLUSH W/ GRADE FOR EACH FIXTURE



01 ELECTRICAL RISER DIAGRAM
SCALE: NO SCALE

Project # 3980
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The seal on this document was authorized by Samuel G. Toub, P.E. 38988 on the date shown below.
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2/19/09 JANI KING CALL CENTER
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