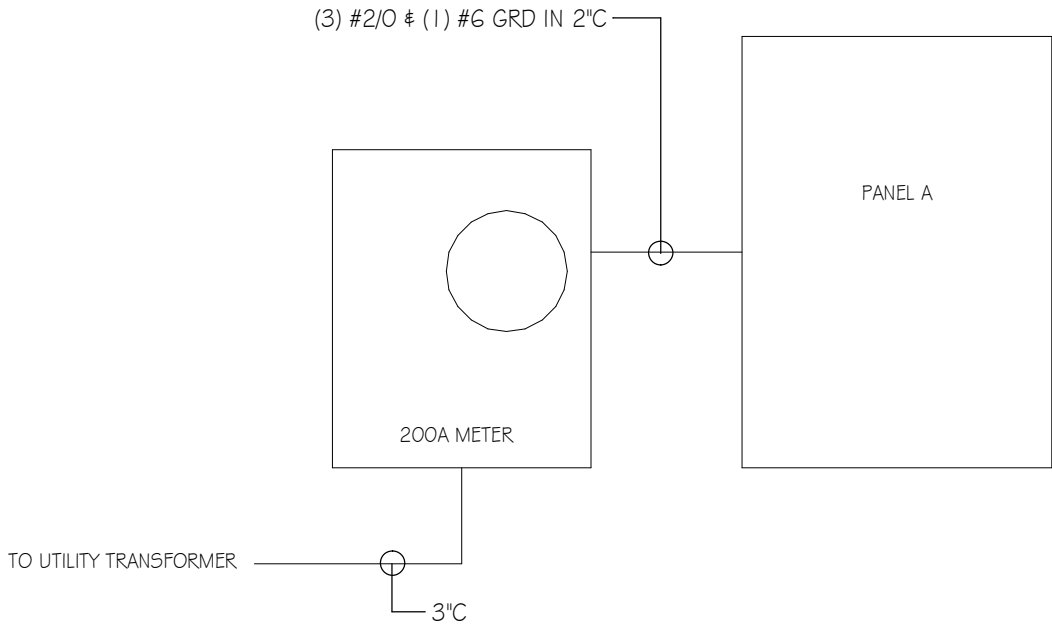


LIGHTING FIXTURE SCHEDULE								
TAG	DESCRIPTION	MANUF.	SERIES/NUMBER	MOUNTING	LUMENS	WATTS	COLOR	NOTES
A	LED STRIP LIGHT	LITHONIA	CLX L48 5000LM 5EP PDL MVOLT G2 I/O 40K 80CRI WH	CEILING	5000	31.8	40K	FOR SURFACE MOUNTING- ORDER AS "TRCLX..." TH: TONG HANGER
B	LED 2X4 PANEL	LITHONIA	CPX-2X4-3000LM-80CRI-40K-SWL	CEILING	3000	23	40K	MULTI-USE SURFACE MOUNT KIT 2X4, SHALLOW DEPTH: (2X4SMKSH)
C	ROUND LED DOWNLIGHT	LITHONIA	WF6-LED-27K30K35K-MVOLT-90CRI-MW	CEILING	1110	13.8	35K	
D	EXTERIOR DOWNLIGHT	LITHONIA	WF6 LED 30K MW	CEILING	1020	12.6	30K	
EM1	LED EXT SIGN	LITHONIA	EXRG MG	CEILING	N/A	1	N/A	
EM2	LED EMERGENCY LIGHT	LITHONIA	EU20MG	WALL	N/A	.56	N/A	
EM3	EXTERIOR LED EMERGENCY LIGHT	LITHONIA	ELMRW SP640L DBLVD T	WALL	640	3.3	N/A	
F	LED EXTERIOR LIGHT	LITHONIA	TWR1 LED AL0 5MW2 UVOLT PE DOBTD	WALL	8500	59	40K	
G	EXTERIOR WALL MOUNT LIGHT	MINIKA LIGHTING	71241-285	WALL	BULB DEPENDANT	60 MAX	BULB DEPENDANT	USE OF LED BULBS RECOMMENDED

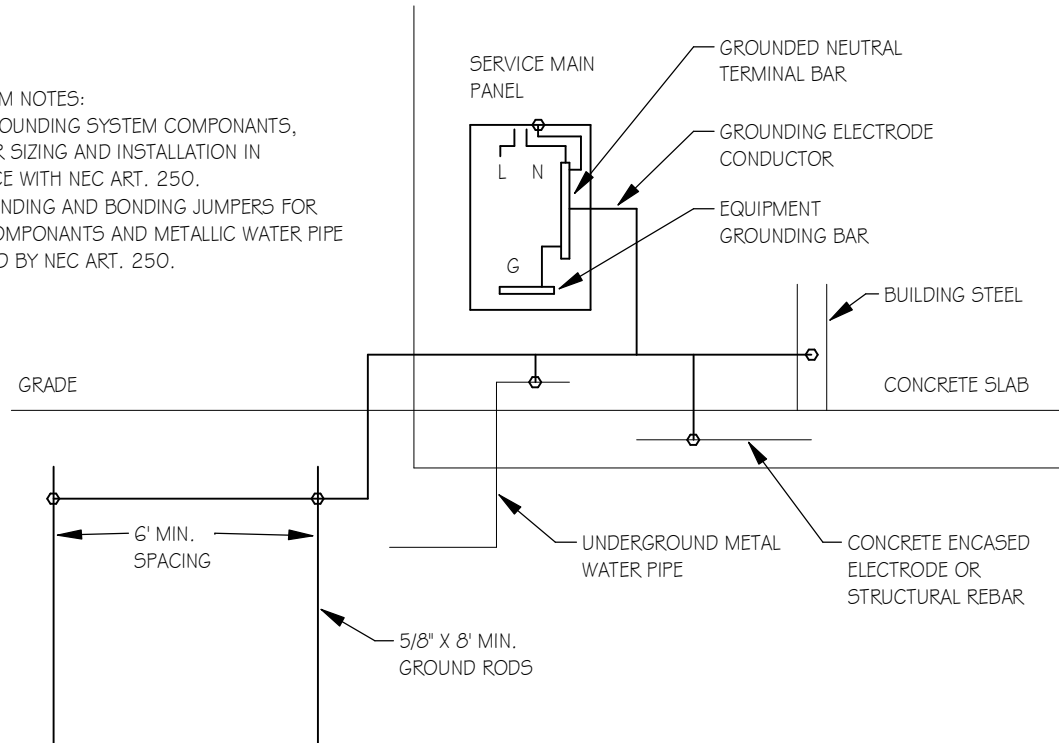
- LIGHTING FIXTURE NOTES:
- ALL LIGHTING LED TYPE ILLUMINATION, 120 VAC.
 - FIXTURES SHALL HAVE A COLOR TEMP OF 4000, UNLESS NOTED OTHERWISE.
 - PROVIDE FIXTURES WITH INTEGRAL EMERGENCY BATTERY BACKUP OPTION IN LOCATIONS AS NOTED EM ON PLANS.
 - PROVIDE FIXTURES WITH REMOTE EMERGENCY BATTERY/INVERTER BACKUP IN LOCATIONS AS NOTED EMR ON PLANS.
 - PROVIDE FIXTURES WITH 0-10V DIMMING FEATURE WHERE CONNECTED TO DIMMING SWITCH IN LOCATIONS AS NOTED ON PLANS.
 - REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED FIXTURE PLACEMENTS, CEILING TYPES, AND GRID DETAILS.
 - VERIFY TRIM TYPES, COLORS AND FEATURES WITH ARCHITECT.
 - SUSPENDED FIXTURES SHALL SUPPORTED FROM STRUCTURE, NOT DEPEND SOLELY ON CEILING GRID FOR SUPPORT, AND MEET APPLICABLE SEISMIC SUPPORT/RESTRAINT REQUIREMENTS.

NOTE: LIGHTING CONTROLS SHALL BE ELECTRONIC WIRED SYSTEM. LIGHTING SUBMITTALS SHALL INCLUDE A BUILDING PLAN WITH DEVICE LOCATIONS AND SHALL BE PROVIDED BY SYSTEM VENDOR. DEVICE LOCATIONS SHOWN ON THESE PLANS ARE DIAGRAMMATIC. FINAL INSTALLED LOCATIONS OF SWITCH CONTROL DEVICES AND FIXTURE ZONING SHALL BE COORDINATED WITH THE OWNER PRIOR TO INSTALLATION. LIGHTING CONTROL SYSTEM SHALL PROVIDE ALL DEVICES, RELAYS, POWER PACKS AND CONTROL FUNCTIONS FOR A FULLY OPERATIONAL LIGHTING CONTROL SYSTEM. PROVIDE SYSTEM PROGRAMMING AND SETTINGS TO MEET OWNERS REQUIREMENTS. PROVIDE DOCUMENTATION OF SYSTEM LAYOUT, CONFIGURATIONS, SETTINGS AND INSTRUCTIONS TO OWNER FOR FUTURE SETTINGS ADJUSTMENT.

LIGHTING AND APPLIANCE PANEL SCHEDULE																												
PANEL DESIGNATION: PANEL A				BUS AMPS: 225				MIN. A.I.C.: 10 KA				MAIN BREAKER: 200				NOTES: _____												
LOCATION: STORAGE BAY 101				PHASE: 1				WIRE: 3				VOLTAGE: 120/240				_____												
MOUNTING: SURFACE				_____				NEUTRAL SIZE: 100%				_____				_____												
ENCLOSURE: NEMA 1				_____				TOTAL POLES: 40				_____				_____												
CKT NO.	FEEDER/BRANCH CIRCUIT DESCRIPTION	AREA	CIRC. NOTES	BREAKER AMP	POLES	LOAD (KVA)			WIRE		GND. SIZE	COND. SIZE	COND. GND. SIZE	WIRE		LOAD (KVA)	B		BREAKER POLES	AMP	CIRC. NOTES	FEEDER/BRANCH CIRCUIT DESCRIPTION	AREA	CKT NO.				
1	LTG. STORAGE 107			20	1	0.6			2	12	12	3/4	3/4	12	12	2	0.5		1	20		UH-1 SWITCH MOTOR		2				
3	LTG. STORAGE 101			20	1	0.8			2	12	12	3/4	3/4	10	10	3	0.4		2	25		CU-1		4				
5	LTG. 1ST FLOOR INTERIOR & EF-1			20	1	0.8			2	12	12	3/4					0.4							6				
7	LTG. EXTERIOR			20	1	0.7			2	12	12	3/4	3/4	12	12	2	0.3		1	20		DWH-1		8				
9	LTG. SECOND FLOOR			20	1	0.4			2	12	12	3/4	3/4	12	12	2	0.2		1	20		GF-1		10				
11	RECEPS. STORAGE 101			20	1	0.5			2	12	12	3/4	3/4	12	12	2	0.2		1	20		RECEPS. RESTROOM		12				
13	RECEPS. STORAGE 101			20	1	1.2			2	12	12	3/4	3/4	12	12	2	1.0		1	20		RECEPS. OFFICE 103		14				
15	RECEPS. STORAGE 101			20	1	0.7			2	12	12	3/4	3/4	12	12	2	0.4		1	20		RECEPS. VESTIBULE 102		16				
17	RECEPS. STORAGE 101			20	1	0.4			2	12	12	3/4	3/4	12	12	2	0.7		1	20		RECEPS. STORAGE 107		18				
19	RECEPS. BREAK RM 105			20	1	0.5			2	12	12	3/4	3/4	12	12	2	1.2		1	20		RECEPS. EXTERIOR		20				
21	RECEPS. BREAK RM 105			20	1	0.7			2	12	12	3/4	3/4	12	12	2	0.5		1	20		RECEPS. EXTERIOR		22				
23	RECEPS. SECOND FLOOR			20	1	0.7			2	12	12	3/4	3/4	12	12	2	0.7		1	20		RECEPS. SECOND FLOOR		24				
25	SPARE			20	1														1	20		SPARE		26				
27	SPARE			20	1														1	20		SPARE		28				
29	SPARE			20	1														1	20		SPARE		30				
31	SPARE			20	1														1	20		SPARE		32				
33	SPARE			20	1														1	20		SPARE		34				
35	SPARE			20	1														1	20		SPARE		36				
37	SPARE			20	1														1	20		SPARE		38				
39	SPARE			20	1														1	20		SPARE		40				
SIDE CONNECTED KVA						4	4	PANEL CONNECTED KVA						14	SIDE CONNECTED KVA						3	3						
								PANEL DEMAND KVA						14									DERATING FACTOR (80%)					
								PANEL DEMAND FACTOR						98%									DEMAND LOAD SIZE 73 AMPS					



- GROUNDING SYSTEM NOTES:
- PROVIDE GROUNDING SYSTEM COMPONENTS, CONDUCTOR SIZING AND INSTALLATION IN ACCORDANCE WITH NEC ART. 250.
 - PROVIDE BONDING AND BONDING JUMPERS FOR BUILDING COMPONENTS AND METALLIC WATER PIPE AS REQUIRED BY NEC ART. 250.



GROUNDING SYSTEM DIAGRAM
