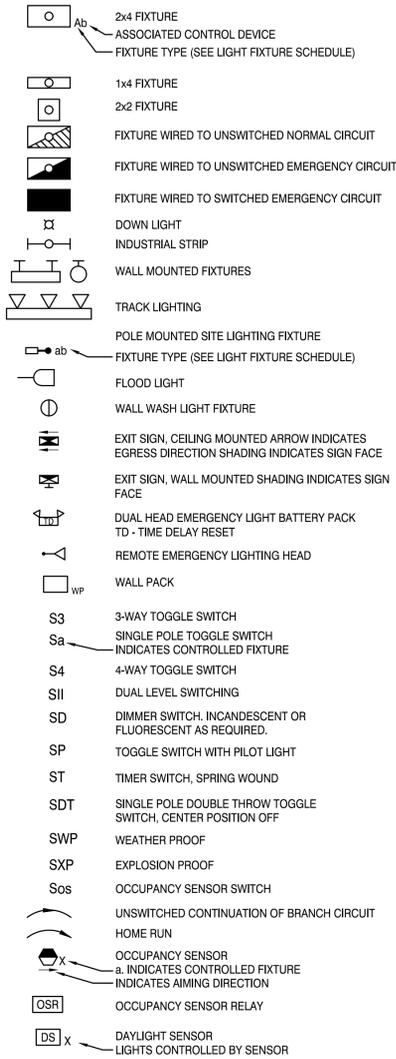
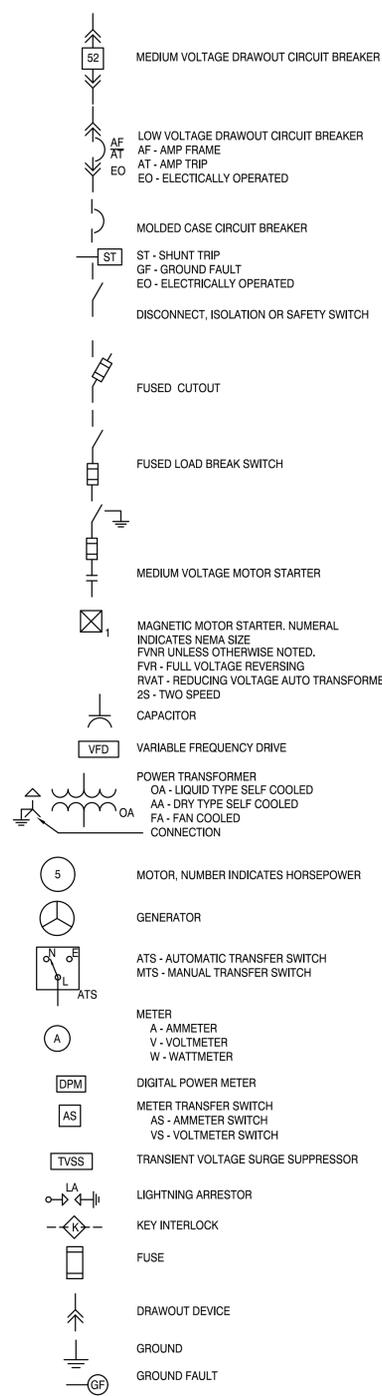


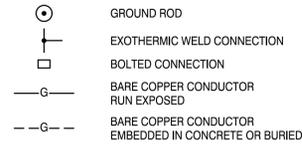
LIGHTING



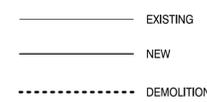
ONE LINE DIAGRAM



GROUNDING



LINE TYPES



ABBREVIATIONS

A, AMP	AMPERE	LA	LIGHTNING ARRESTER
AFF	ABOVE FINISHED FLOOR	LTG	LIGHTING
AFG	ABOVE FINISHED GRADE	MC	METAL CLAD
AHJ	AUTHORITY HAVING JURISDICTION	MCB	MAIN CIRCUIT BREAKER
AIC	AMPERE INTERRUPTING CAPACITY	MFR	MANUFACTURER
AWG	AMERICAN WIRE GAUGE	MI	MINERAL INSULATED
BFG	BELOW FINISHED GRADE	MLO	MAIN LUG ONLY
BOS	BOTTOM OF STEEL	MTD	MOUNTED
C	CONDUIT, CONDUCTOR	MV	MEDIUM VOLTAGE
CATV	CABLE TELEVISION	NC	NORMALLY CLOSED
CB	CIRCUIT BREAKER	NEC	NATIONAL ELECTRICAL CODE
CCTV	CLOSED CIRCUIT TELEVISION	NEG	NEGATIVE
CPT	CONTROL POWER TRANSFORMER	NEUT	NEUTRAL
CT	CURRENT TRANSFORMER	NIC	NOT IN CONTRACT
CU	COPPER	NO	NORMALLY OPEN
DACT	DIGITAL ALARM COMMUNICATOR	NTS	NOT TO SCALE
DB	TRANSMITTER	PF	POWER FACTOR
DISC	DISCONNECT	PH	PHASE
DN	DOWN	PVC	POLYVINYL CHLORIDE
EMT	ELECTRICAL METALLIC TUBING	RGS	RIGID STEEL CONDUIT
EWC	ELECTRIC WATER COOLER	RTD	RIGID STEEL CONDUIT RESISTANCE TEMPERATURE DETECTOR
FAA	FIRE ALARM ANNUNCIATOR	SN	SOLID NEUTRAL
FACP	FIRE ALARM CONTROL PANEL	STP	SHIELDED TWISTED PAIR
FBO	FURNISHED BY OTHERS	STT	SHIELDED TWISTED TRIPLET
FU	FUSE	SWBD	SWITCHBOARD
FWE	FURNISHED WITH EQUIPMENT	SWGR	SWITCHGEAR
GEN	GENERATOR	TOS	TOP OF STEEL
GFCI	GROUND FAULT CIRCUIT BREAKER	TP	TAMPER PROOF
GND	GROUND	TRANSF	TRANSFORMER
HP	HORSEPOWER	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
HTR	HEATER	UNO	UNLESS NOTED OTHERWISE
IG	ISOLATED GROUND	V	VOLT
IMC	INTERMEDIATE METAL CONDUIT	VA	VOLT-AMPERE
K	KILO	VAR	VOLT-AMPERE REACTIVE
KCMIL	THOUSAND CIRCULAR MILS	WM	WATT METER
KV	KILOVOLT	WP	WEATHER PROOF
KVA	KILOVOLT-AMPERE	XFMR	TRANSFORMER
KVAR	KILOVOLT-AMPERE REACTIVE	XP	EXPLOSION PROOF
KW	KILOWATT		
KWH	KILOWATT-HOUR		

GENERAL NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC).
- ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH UL APPROVED FIRE SEALANT MATERIAL TO MAINTAIN THE RATING OF SEPARATION.
- AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EVERY FEEDER AND BRANCH CIRCUIT.
- LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE 277 VOLT, SIDE WIRED AND PROVIDED WITH GROUNDING SCREW. LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL COORDINATE COLOR WITH ARCHITECT.
- ALL WIRING SHALL BE 600V, COPPER WITH THHN/THWN INSULATION. SERVICE ENTRANCE CONDUCTORS SHALL HAVE XHHW INSULATION.

EXTERIOR LIGHTING FIXTURE SCHEDULE									
TYPE	DESCRIPTION	MANUFACTURER	MODEL NUMBER	MOUNTING	LAMP	LUMEN	WATTAGE	VOLTAGE	NOTES
WP3A	WALL MOUNTED, FULL CUT OFF LED AREA LIGHT WITH TYPE 3 DISTRIBUTION	KIM LIGHTING	ALT2-100L-160-3K7-3-U NV	WALL MOUNT 20' AFG	3000K LED	20000	160	277V	
WP4A	WALL MOUNTED, FULL CUT OFF LED AREA LIGHT WITH TYPE 4 DISTRIBUTION	KIM LIGHTING	ALT2-100L-160-3K7-4W-UNV	WALL MOUNT 20' AFG	3000K LED	20000	160	277V	
WP4B	WALL MOUNTED, FULL CUT OFF LED WALL PACK WITH TYPE 4 DISTRIBUTION	BEACON LIGHTING	TRV-D 24NB-55 3K T4 UNV	WALL MOUNT 12' AFG	3000K LED	5500	160	277V	
WP4C	WALL MOUNTED, FULL CUT OFF LED WALL PACK WITH TYPE 4 DISTRIBUTION	BEACON LIGHTING	TRV-D 24NB-27 3K T4 UNV	WALL MOUNT 16' AFG	3000K LED	3000	160	277V	
PL3A	POLE MOUNTED, FULL CUT OFF LED AREA LIGHT WITH TYPE 3 DISTRIBUTION	KIM LIGHTING	ALT2-100L-160-3K7-3-U NV	POLE MOUNT 20' AFG	3000K LED	20000	160	277V	
PL4A	POLE MOUNTED, FULL CUT OFF LED AREA LIGHT WITH TYPE 4 DISTRIBUTION	KIM LIGHTING	ALT2-100L-160-3K7-4W-UNV	POLE MOUNT 20' AFG	3000K LED	20000	160	277V	
PL5A	POLE MOUNTED, FULL CUT OFF LED AREA LIGHT WITH TYPE 5 DISTRIBUTION	KIM LIGHTING	ALT2-100L-160-3K7-5-U NV	POLE MOUNT 20' AFG	3000K LED	21000	160	277V	
PT4A	POST TOP, FULL CUT OFF LED AREA LIGHT WITH TYPE 4 DISTRIBUTION	KIM LIGHTING	UR20-24L-65-3K7-4W-U NV	POLE MOUNT 16' AFG	3000K LED	7000	160	277V	
BL4A	LED BOLLARD LIGHT WITH TYPE ASYMMETRIC DISTRIBUTION	KIM LIGHTING	GEM1 27L 3K UV	BOLLARD 3' AFG	3000K LED	1750	160	277V	

GENERAL NOTE

- ALL GENERAL NOTES, SYMBOL LISTS, AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL ELECTRICAL DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION IN THE DESIGN.

REV	DESCRIPTION	DATE
ISSUED FOR PERMIT		
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ELECTRICAL LEGEND AND GENERAL NOTES		
SHEET TITLE:		
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PROJECT MANAGER:	ADB	PROJECT NO: 18076
A/E OF RECORD:	WRH	
JOB CAPTAIN:	SP	
DRAWN BY:	RBB	
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NOT FOR CONSTRUCTION