





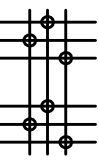
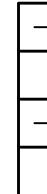
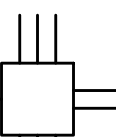




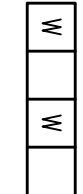






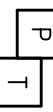
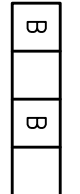

















ELECTRICAL ABBREVIATIONS

[illegible]


























ELECTRICAL SYMBOLS - DIAGRAM

RCP	REFLECTED CEILING PLAN		DELTA CONNECTION
REC	RECESSED		MOTOR, SINGLE-PHASE
RECP	RECEPT		MOTOR, THREE-PHASE
RGS	RIGID GALVANIZED STEEL		
RM	ROOM		
RMS	ROOM MEAN SQUARE		TRANSFORMER
REC'D	REQUIRED		
SCC	SHORT CIRCUIT CAPACITY		WYE CONNECTION
SES	SERVICE ENTRANCE SECTION		EARTH GROUND
SD	SMOKE DETECTOR		JUNCTION BOX
SF	SQUARE FOOT (FEET)		PULL BOX
SFT	SHEET		
SI	INTERNATIONAL SYSTEM OF UNITS		
SPEC	SPECIFICATION		
SPST	SINGLE POLE, SINGLE THROW		
SPST	SINGLE POLE, SINGLE THROW		
SWR	SWITCHBOARD		
SWGR	SWITCHGEAR		
TC	TIME CLOCK		PRESSURE SWITCH—OPEN ON INCREASE
TEL	TELEPHONE		
TP	TWISTED PAIR		SWITCH, MULTIPPOSITION
TFS	TWISTED PAIR SHIELDED		
TIB	TELEPHONE TERMINAL BOARD		
TV	TELEVISION		SWITCH, NORMALLY CLOSED FLOAT
TYP	TRYPOL		
UD	UNDERLOOR DUCT		
UNDO	UNDERGROUND		SWITCH, NORMALLY CLOSED FOOT OPERWEID
UL	UNDERWRITERS LABORATORY		
UON	UNLESS OTHERWISE NOTED		SWITCH, NORMALLY CLOSED LIMIT
UPS	UNINTERRUPTIBLE POWER SUPPLY		
UTIL	UTILITY		SWITCH, NORMALLY CLOSED TEMPERATURE ACTIVATED
V	VOLT		
VA	VOLT AMPERE		SWITCH, NORMALLY CLOSED TIME DELAY
VAR	VARIABLE REACTIVE		
VDR	VARIABLE FREQUENCY DRIVE		
VOLT	VOLTAGE		SWITCH, NORMALLY OPEN FLOAT
W	WAT		
WH	WATER HEATER		SWITCH, NORMALLY OPEN LIMIT
WP	WEATHERPROOF		SWITCH, NORMALLY OPEN TEMPERATURE ACTIVATED
XTER	TRANSFER		SWITCH, NORMALLY OPEN TIME DELAY

ELECTRICAL SYMBOLS - POWER PLAN

	MOTOR, SINGLE-PHASE
	MOTOR, THREE-PHASE
	TRANSFORMER, PLAIN
	WYE CONNECTION
	DUCT, CELL FLOOR HEADER
	DUCT, TROLLEY
	DUCT, UNDERFLOOR JUNCTION BOX
	EARTH GROUND
	JUNCTION BOX
	LADDER CABLE TRAY
BRANCH CIRCUIT HOWEVER, LINES INDICATE NUMBER OF CIRCUITS, NEUTRAL, AND SWITCH LEG CONDUCTORS, ONE SEPARATE GREEN GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH HOWEVER, NOT SHOWN	
	PULL BOX
	WIREWAY
	RIGID CONDUIT LINE = RC
	DIRECT BURIAL CABLE = DB
	POWER DUCT = P
	SUBSTATION
	HI VOLTAGE SWITCH ON CONCRETE PAD
	LOW VOLTAGE SWITCH ON CONCRETE PAD
	DUAL POWER AND TELECOMMUNICATIONS MANHOLE
	BUSWAY
	FLOOR OUTLET, DATA COMMUNICATION
	OUTLET, DATA COMMUNICATION
	PUSH BUTTON
	DISTRIBUTION PANEL
	LIGHTING PANEL
	PANELBOARD CABINET, FLUSH MOUNTED
	PANELBOARD CABINET, SURFACE MOUNTED
	PANELBOARD CABINET, EXISTING
	RECEPTACLE, CLOCK HANGER
	RECEPTACLE, DUPLEX
	RECEPTACLE, DUPLEX ON EMERGENCY POWER
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER
	RECEPTACLE, QUADRAPEX
	RECEPTACLE, SINGLE
	RECEPTACLE, SINGLE WITH SWITCH
	RECEPTACLE, SPECIAL PURPOSE
	A = 120V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 5-20R, CEILING MOUNTED FOR CONNECTION TO ARO LIFT CHARGING STATION.

ELECTRICAL SYMBOLS - POWER PLAN

	DISCONNECT SWITCH, FUSED
	DISCONNECT SWITCH, UNFUSED
	STARTER, COMBINATION WITH DISCONNECT SWITCH
	STARTER OR MOTOR CONTROLLER
	VARIABLE FREQUENCY DRIVE
	TIME CLOCK
	POTHEAD
	STRESS CONE
	RECTIFIER, CATHODIC PROTECTION SANITARY
	VENTILATOR OR FAN COIL UNIT OUTLET
	CONDUIT TERMINATED 6" [152mm] AFF IN STANDARD BOX FOR EXTENSION TO EQUIPMENT AS DIRECTED.
	CONDUIT TERMINATED W/COUPLING (FLUSH W/FINISHED FLOOR) FOR EXTENSION TO EQUIPMENT AS DIRECTED.
	SWITCH
	F = FUSED SWITCH
	L = LOCK
	M = MANUAL MOTOR STARTING
	MP = MOTOR STOP WITH PILOT LIGHT (THERMAL TYPE)
	PP = PUSH BUTTON STATION
	PB = WEATHER PROOF
	K = KEY OPERATED
	LW = LOW VOLTAGE MASTER
	MC = MOMENTARY CONTACT
	P = WITH PILOT LIGHT
	RC = REMOTE CONTROL
	X = EXPLOSION PROOF

GENERAL NOTES

- A. ALL FINAL LOCATIONS AND ARRANGEMENTS OF LIGHTING FIXTURES SHALL BE OBTAINED FROM THE ARCHITECTURAL REFLECTED CEILING PLAN.
- B. LIGHTING FIXTURES WITH MORE THAN TWO LAMPS SHALL HAVE TWO OTHER LAMPS, CONTROLLED WITH ONE SWITCH AND INNER LAMP(S) CONTROLLED BY A SECOND SWITCH.
- C. (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.
- D. MULTI-CORE BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

GENERAL NOTES - DEMOLITION

- A. EXISTING EQUIPMENT, SUCH AS LIGHTING FIXTURES, WIRING DEVICES, CONDUCITS, ETC., SHOWN ON PLANS TO BE REMOVED COMPLETELY. CUT/CAP CONDUCITS AT THE AREA OF WORK. PENETRATE AND REMOVE CONDUIT WITH THE WORK AREA. DISCONNECT WIRING AT THE OUTFIT/CONTROL PROTECTIVE DEVICE AND REMOVE WIRING COMPLETELY FROM THE ABANDONED CONDUCIT.
- B. REMOVE ALL ACCESSIBLE ABANDONED MINING OF ALL TYPES, OR CAP AND LABEL IN JUNCTION BOX FOR RE-USE, IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE.
- C. MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUCITS AND CONDUCTORS PASSING THROUGH REMOVED AREAS AND SERVING UNDISTURBED AREAS.

Drawing Number	Drawing Name
04-302E-000	ELECTRICAL LEGEND, ABBREVIATIONS, AND NOTES
04-302E-001	ELECTRICAL LEGEND
04-302E-002	SECOND FLOOR (WARD B) ELECTRICAL DEMOLITION PLAN
04-302E-003	PARTIAL SECOND FLOOR (WARD B) LIGHTING PLAN
04-302E-004	PARTIAL SECOND FLOOR (WARD B) LIGHTING PLAN
04-302E-005	SECOND FLOOR (WARD B) POWER PLAN
04-302E-006	SECOND FLOOR (WARD B) STRIBEL LAYOUT PLAN
04-302E-007	ELECTRICAL SINGLE LINE DIAGRAM
04-302E-008	ELECTRICAL SCHEDULES
04-302E-009	ELECTRICAL SCHEDULES
04-302E-010	ELECTRICAL SCHEDULES 2
04-302E-011	SECOND FLOOR (WARD B) FIRE ALARM LAYOUT PLAN

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