



LIGHT FIXTURE SCHEDULE			
SYMBOL	DESCRIPTION	LAMPS	MANUFACTURER AND MODEL#
A	2x4 RECESSED FLUORESCENT, 125' ACRYLIC PRISMATIC LENS, ONE 1 LAMP AND ONE 2 LAMP 120 VOLT ELECTRONIC BALLAST, T-GRID CEILING	3-F32 T8 4100 K	METALUX# 26C8-232-A125-120V-EBB2 OR EQUAL
B	2x4 RECESSED FLUORESCENT, 125' ACRYLIC PRISMATIC LENS, ONE 2 LAMP 120 VOLT PROGRAM START ELECTRONIC BALLAST, T-GRID CEILING	2-F32 T8 4100 K	METALUX# 26C8-232-A125-120V-EBB1 OR EQUAL
B1	2x4 RECESSED FLUORESCENT, 125' ACRYLIC PRISMATIC LENS, ONE 2 LAMP 120 VOLT PROGRAM START ELECTRONIC BALLAST, GWB CEILING	2-F32 T8 4100 K	METALUX# 26C8-232-A125-120V-EBB1 OR EQUAL
B2	2x4 RECESSED FLUORESCENT, 125' ACRYLIC PRISMATIC LENS, ONE 2 LAMP 120 VOLT ELECTRONIC BALLAST, T-GRID CEILING	2-F32 T8 4100 K	METALUX# 26C8-232-A125-120V-EBB1 OR EQUAL
C	HIGH BAY 2 X 4' FLUORESCENT, ALUMINUM HOUSING, WIDE DISTRIBUTION, WIREGUARD, TWO 3 LAMP 120 VOLT ELECTRONIC BALLAST	6-54 T5HO 4100 K	METALUX# HB1-654T5-W-WG-120V-EHT2 OR EQUAL
D	4 WALL MOUNT FLUORESCENT WRAP AROUND LIGHT, OPAL WHITE ACRYLIC REFRACTOR, 120 VOLT PROGRAM START ELECTRONIC BALLAST, MOUNT @ 7'-6" AFF	2-F32 T8 4100 K	METALUX# BC-232-120V-EBB1 OR EQUAL
EM	EMERGENCY LIGHTING UNIT BATTERY PACK, TWIN UNIT MOUNTED LAMP HEADS, NI-CAD BATTERY, WHITE FINISH, MOUNT @ 7'-6" AFF, 120V	2-5.4W PAR 36	SURE-LITES# CC5NC-WH OR EQUAL
EMX	COMBINATION EMERGENCY AND EXIT LIGHTING, UNIT BATTERY PACK, TWIN UNIT MOUNTED LAMP HEADS, LEAD CALCIUM BATTERY, WHITE FINISH, MOUNT @ 7'-6" AFF 120V	2-5.4W PAR 36 RED/LED	SURE-LITES# LPX70-R-WH-DH-V52 OR EQUAL
F	6" APERTURE RECESSED COMPACT FLUORESCENT SHOWER LIGHT, DROP OPAL LENS WITH GASKET, WHITE FINISH, 120 VOLT ELECTRONIC BALLAST	1-26W TTT CFL	HALOH E120T2AT-ERT24 OR EQUAL
G	4' SURFACE/PENDANT MOUNTED FLUORESCENT, OPEN INDUSTRIAL, WIRE GUARD, ONE 120V ELECTRONIC BALLAST, MOUNT @ 8'-0" AFF U.N.O.	2-F32 T8 4100 K	METALUX# DIM-232-120-EBB1-WG OR EQUAL
G1	4' SURFACE/PENDANT MOUNTED FLUORESCENT, OPEN INDUSTRIAL, WIRE GUARD, ONE 120V PROGRAM START ELECTRONIC BALLAST, MOUNT @ 8'-0" AFF U.N.O.	2-F32 T8 4100 K	METALUX# DIM-232-120-EBB1-WG OR EQUAL
H	4' SURFACE/CEILING MOUNTED ENCLOSED FLUORESCENT, FIBERGLASS BODY, ACRYLIC LENS, 120 VOLT PROGRAM START ELECTRONIC BALLAST, WET LOCATION	2-F32 T8 4100 K	METALUX# VT2-232DR-120V-EBB1-WL OR EQUAL
H1	4' ENCLOSED AND GASKETED FLUORESCENT, FIBERGLASS BODY, ACRYLIC LENS, 120 VOLT ELECTRONIC BALLAST, WET LOCATION, WALL MOUNT 7'-6" A.F.F.	2-F32 T8 4100 K	METALUX# VT2-232DR-120V-EBB1-WL OR EQUAL
J	WALL MOUNT VANDAL RESISTANT LED, POLYCARBONATE LENS, DARK BRONZE FINISH, BUILT-IN PHOTOCELL, WET LOCATION, 120V ELECTRONIC BALLAST, EMERGENCY POWER PACK, MOUNT @ 8'-0" AFF FROM CENTER OF FIXTURE (BASE BID)	1-LED BAR	MCGRAW-EDISON# IS1-B01-LED-E1120-BL2-BZ-P120 BBS-120 OR EQUAL
J1	WALL MOUNT VANDAL RESISTANT COMPACT FLUORESCENT, POLYCARBONATE LENS, DARK BRONZE FINISH, BUILT-IN PHOTOCELL, WET LOCATION, 120V ELECTRONIC BALLAST, EMERGENCY BATTERY PACK, MOUNT @ 8'-0" AFF FROM CENTER OF FIXTURE (ALTERNATE #1)	2-26W PLT	MCGRAW-EDISON# IS1-BZ-CF-120-2S-BZ-P120 -CFEM-120 OR EQUAL
K	WALL MOUNT VANDAL RESISTANT LED, POLYCARBONATE LENS, DARK BRONZE FINISH, BUILT-IN PHOTOCELL, WET LOCATION, 120 VOLT ELECTRONIC BALLAST, MOUNT @ 14'-6" AFF FROM CENTER OF FIXTURE (BASE BID)	2-LED BARS	MCGRAW-EDISON# IS1-B02-LED-E1120-BL2-BZ-P120 OR EQUAL
K1	WALL MOUNT VANDAL RESISTANT METAL HALIDE, POLYCARBONATE LENS, DARK BRONZE FINISH, BUILT-IN PHOTOCELL, WET LOCATION, 120 VOLT ELECTRONIC BALLAST, MOUNT @ 14'-6" AFF FROM CENTER OF FIXTURE (ALTERNATE #1)	1-175W MH	MCGRAW-EDISON# IS1-175-MH-120-2S-BZ-P OR EQUAL
L	CLASS 1, DIVISION 1, GROUP B NOMINAL 7" DIAMETER CEILING MOUNTED EXPLOSION PROOF FLUORESCENT FIXTURE	1-56W PLT	APPLETON# CJF-PB-56-75-G-A1-L OR EQUAL
X	UNIVERSAL MOUNT EXT LIGHT, WHITE POLYCARBONATE HOUSING, RED LETTERS, BUILT-IN BATTERY BACKUP	RED/LED	SURE-LITES# LPX7 OR EQUAL

NOTES:  
1. LIGHTS ARE CONNECTED TO SWITCH/SWITCHES IN SAME ROOM OR AS DESIGNATED AT FIXTURE.

PANEL DESIGNATION  
CIRCUIT NO. /  
SWITCH DESIGNATION

FIXTURE TYPE  
LP-X<sub>2</sub>  
X

DIVISION OF MECHANICAL/ ELECTRICAL WORK		
ITEM	MECH/ DIV 15	ELEC/ DIV 16
AUTOMATIC TEMPERATURE CONTROLS	FURNISH, INSTALL & WIRE	POWER WIRING
CONTROL PANELS FOR MECHANICAL EQUIPMENT	FURNISH & INSTALL	POWER WIRING
LOW & LINE VOLTAGE CONTROL WIRING FOR MECH. EQUIP.	FURNISH & INSTALL	
MECHANICAL FLOW SWITCHES	FURNISH, INSTALL & WIRE	
THERMOSTATS/ SENSORS	FURNISH, INSTALL & WIRE	
P/ E & E/P SWITCHES	FURNISH, INSTALL & WIRE	
DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT		FURNISH, INSTALL & WIRE
MECHANICAL EQUIPMENT MOTORS	FURNISH & INSTALL	POWER WIRING
MANUAL STARTERS FOR MECHANICAL EQUIPMENT	FURNISH	INSTALL & POWER WIRE
MAGNETIC STARTERS FOR MECHANICAL EQUIPMENT	FURNISH	INSTALL & POWER WIRING
VARIABLE SPEED CONTROLLERS	FURNISH & INSTALL	POWER WIRING
MOTORIZED DAMPERS & VALVES	FURNISH, INSTALL & WIRE	
DUCT SMOKE DETECTORS	INSTALL	FURNISH & WIRE
HEAT TRACE CABLE FOR PIPING	FURNISH & INSTALL	POWER WIRING
OIL/ GAS EMERGENCY SHUT-OFF SWITCHES	FURNISH & INSTALL	FURNISH, INSTALL & WIRE
SPRINKLER FLOW & TAMPER SWITCHES	FURNISH & INSTALL	WIRE

DRAWINGS E100, E101, E300, E301, E302 ARE PART OF 2 BID PACKAGES/PROJECTS. THOSE PROJECTS ARE THE "TCC/SHORE TRANSIT MAINTENANCE FACILITY" FUNDED BY MTA AND THE "CAREER CENTER SITE IMPROVEMENTS PROJECT" FUNDED BY EDA & USDA. CONTRACTOR SHALL REFER TO MATCH LINES AND NOTES FOR APPLICABLE SCOPE. REMAINING INFORMATION IS FOR REFERENCE.

ELECTRICAL LEGEND				
SYMBOL	ABRV.	DESCRIPTION	MOUNT	REMARKS
■	PNL	ELECTRICAL PANEL 208Y/120V		
→		HOME RUN CONNECT TO CIRCUIT BREAKER INDICATED		ARROWHEADS INDICATE # OF CIRCUITS
—#—		WIRE RUN (SLASHES INDICATE # OF WIRES IF MORE THAN 2, 2#12 + 1 #12G, 3/4" C. MIN.)		
---#---		EXPOSED CONDUIT (SLASHES INDICATE # OF WIRES IF MORE THAN 2, 2#12 + 1 #12G, 3/4" C. MIN.)		
---#---		WIRE RUN IN SLAB (SLASHES INDICATE # OF WIRES IF MORE THAN 2, 2#12 + 1 #12G, 3/4" C. MIN.)		
⊗		EXIT SIGN		
⊗		SINGLE FACE, DOUBLE FACE		
⊗		DIRECTIONAL EXIT SIGN		
⊗		SINGLE FACE, DOUBLE FACE		
\$ \$ \$ \$		SWITCH 1 POLE, 2 POLE, 3WAY, 4 WAY	48" AFF UNO	
\$ P	SP	SWITCH - PILOT LIGHT PILOT LIGHT ON WHEN CIRCUIT IS ENERGIZED	48" AFF UNO	
\$ M	MMS	SWITCH MANUAL MOTOR STARTER	ON UNIT UNO	
\$ S \$ S \$ S		SWITCHBANK SWITCH LETTER INDICATES CIRCUIT	48" AFF UNO	
\$ D		OCCUPANCY SENSOR WALL SWITCH WITH DUAL TECHNOLOGY	48" AFF UNO	SENSOR SWITCH #WSB-PDT OR EQUAL
⊙	PC	SWITCH PHOTOCELL		
⊓	TC	SWITCH TIME CLOCK		
X-X	RECTP	DUPLX RECEPTACLE - SUBSCRIPT INDICATES PANEL DESIGNATION AND CIRCUIT NO.	18" AFF UNO	
X-X	GFCI	GFCI RECEPTACLE - SUBSCRIPT INDICATES PANEL DESIGNATION AND CIRCUIT NO.	MOUNT 6" ABOVE LAV. OR COUNTER	
X-X	GFCI	GFCI RECEPTACLE WITH WEATHERPROOF WHILE IN USE FLIP-UP COVER. SUBSCRIPT INDICATES PANEL DESIGNATION AND CIRCUIT NO.	18" AFF UNO	
X-X	QUAD	QUADRAPLEX RECEPTACLE - SUBSCRIPT INDICATES PANEL DESIGNATION AND CIRCUIT NO.	18" AFF UNO	
X-X		SINGLE RECEPTACLE - NEMA CONFIGURATION AS NOTED ON PLAN. SUBSCRIPT INDICATES PANEL DESIGNATION AND CIRCUIT NO.	18" AFF UNO	
⊗		TWO NEMA 6-20R RECEPTACLES IN A TWO GANG BOX WITH WHILE IN USE WEATHERPROOF COVER		
X-X	JB	JUNCTION BOX - SUBSCRIPT INDICATES PANEL DESIGNATION AND CIRCUIT NO.		
Ⓡ		NOMINAL HEAVY DUTY 100' RETRACTABLE CORD REEL WITH SINGLE NEMA 5-20R RECEPTACLE. CEILING MOUNT PER MFR. RECOMMENDATIONS	WOODHEAD #92633 OR EQUAL	
Ⓢ		WIRELESS ROUTER - FURNISH AND INSTALL DUPLX RECEPTACLE AND DATA OUTLET MOUNTED AT 22'-0" AFF		
Ⓢ	NFXX	NON FUSED DISCONNECT SWITCH		
Ⓢ	FSS	FUSED DISCONNECT SWITCH		
Ⓢ		SUBSCRIPT INDICATES DISCONNECT SIZE		AR = FUSES AS REQUIRED
Ⓢ		MAGNETIC MOTOR STARTER	48" AFF UNO	
Ⓢ		COMMUNICATION RECEPTACLE COMBINATION TELEPHONE/DATA	18" AFF UNO	PLASTER RING & PULL CORD TO CEILING UNO
Ⓢ		THREE WAY RAISE/LOWER/STOP PUSH BUTTON FOR OVERHEAD DOORS	48" AFF UNO	FURNISHED WITH DOOR INSTALLED BY E.C.
Ⓢ		STAND ALONE DUCT SMOKE DETECTOR WITH CONTROL STATION		SIMPLEX #4098-9667 OR EQUAL
Ⓢ		DUCT DETECTOR CONTROL STATION		SIMPLEX #4098-9842 OR EQUAL
Ⓢ		MOTORIZED DAMPER		
Ⓢ		CARD READER - FURNISH AND INSTALL PLASTER RING AND PULL CORD TO CEILING		
Ⓢ		CARD READER - FURNISH AND INSTALL BACKBOX AND 3/4" CONDUIT WITH PULLCORD STUBBED 6" ABOVE CEILING		
Ⓢ		INTERIOR CAMERA - FURNISH AND INSTALL BACK BOX AND CONDUIT WITH PULLCORD MOUNTED ABOVE CEILING COORDINATE EXACT LOCATION WITH OWNER/SECURITY VENDOR PRIOR TO ROUGH-IN		
Ⓢ		EXTERIOR CAMERA - FURNISH AND INSTALL WEATHERPROOF BOX W/COVER AND 3/4" CONDUIT WITH PULLCORD FROM FARE DROP COLLECT 119A TO PROPOSED LOCATION OF CAMERA. EC TO COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF BOX WITH OWNER/SECURITY VENDOR PRIOR TO ROUGH-IN		
	AFF	ABOVE FINISHED FLOOR		
	CLG	CEILING		
	UNO	UNLESS NOTED OTHERWISE		
	ADA	AMERICANS WITH DISABILITIES ACT COMPLIANCE		
	P	POLES		
	Ø	PHASE		
	G, GRD	GROUND		
	C	CONDUIT		
	WP	WEATHER PROOF		
	XP	EXPLOSION PROOF		
	GFCI	GROUND FAULT CIRCUIT INTERRUPTER		
	ENCL	ENCLOSURE		
	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.		