


Mark	Date	Description

Project Number	2009145.00
Date	07/20/11
Scale	NONE
Drawn By	SM
Checked By	AK

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# 26C8-332-A125-120V-EBB2 OR EQUAL
	B 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
	B1 2x4 RECESSED FLUORESCENT, 125' ACRYLIC PRISMATIC LENS, ONE 2 LAMP 120 VOLT ELECTRONIC BALLAST, GWB 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 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	2-5.4V PAR 36	SURE-LITES# CC5NC-WH OR EQUAL
	EMX COMBINATION EMERGENCY AND EXT LIGHTING, UNIT BATTERY PACK, TWIN UNIT MOUNTED LAMP HEADS, LEAD CALCIUM BATTERY, WHITE FINISH, MOUNT @ 7'-6" AFF 120V	2-5.4V PAR 36 RED/LED	SURE-LITES# LPXTC-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	HALO# E1027AT-ERT724 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
	H 4" SURFACE/CEILING MOUNTED ENCLOSED FLUORESCENT, FIBERGLASS BODY, ACRYLIC LENS, 120 VOLT 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, MOUNT @ 8'-0" AFF FROM CENTER OF FIXTURE (BASE BID)	1-LED BAR	MCGRAW-EDISON# 1S1-A01-LED-E1120-BL2-BZ-P120 OR EQUAL
	J1 WALL MOUNT VANDAL RESISTANT COMPACT FLUORESCENT, POLYCARBONATE LENS, DARK BRONZE FINISH, BUILT-IN PHOTOCELL, WET LOCATION, 120V ELECTRONIC BALLAST, MOUNT @ 8'-0" AFF FROM CENTER OF FIXTURE (ALTERNATE #1)	2-26W PLT	MCGRAW-EDISON# 1S1-S2-CF-120-2S-BZ-P120 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# 1S1-A02-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# 1S1-175-MH-120-2S-BZ-P OR EQUAL
	L CLASS 1, DIVISION 1, GROUP B NOMINAL 7" DIAMETER CEILING MOUNTED EXPLOSION PROOF INCANDESCENT FIXTURE	200W INC	APPLETON# AACAI575 OR EQUAL
	X UNIVERSAL MOUNT EXIT 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-XS 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 & 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	
	SP	SWITCH - PILOT LIGHT PILOT LIGHT ON WHEN CIRCUIT IS ENERGIZED	48" AFF UNO	
	MMS	SWITCH MANUAL MOTOR STARTER	ON UNIT UNO	
		SWITCHBANK SWITCH LETTER INDICATES CIRCUIT	48" AFF UNO	
		OCCUPANCY SENSOR WALL SWITCH WITH DUAL TECHNOLOGY	48" AFF UNO	LEVITON #085MT-MD SERIES OR EQUAL
	PC	SWITCH PHOTOCELL		
	TC	SWITCH TIME CLOCK		
	RECTP	DUPLEX RECEPTACLE - SUBSCRIPT INDICATES PANEL DESIGNATION AND CIRCUIT NO.	18" AFF UNO	
	GFCI	GFCI RECEPTACLE - SUBSCRIPT INDICATES PANEL DESIGNATION AND CIRCUIT NO.		MOUNT 6" ABOVE LAV. OR COUNTER
	GFCI WP	GFCI RECEPTACLE WITH WEATHERPROOF WHILE IN USE FLIP-UP COVER. SUBSCRIPT INDICATES PANEL DESIGNATION AND CIRCUIT NO.	18" AFF UNO	
	QUAD	QUADRAPLEX RECEPTACLE - SUBSCRIPT INDICATES PANEL DESIGNATION AND CIRCUIT NO.	18" AFF UNO	
		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		
	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 DUPLEX RECEPTACLE AND DATA OUTLET MOUNTED AT 22'-0" AFF		
	NFXX	NON FUSED DISCONNECT SWITCH SUBSCRIPT INDICATES DISCONNECT SIZE		
	FSS	FUSED DISCONNECT SWITCH SUBSCRIPT INDICATES DISCONNECT SIZE / FUSE 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 #4098-9867 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		
		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.		