## Fire Station 10 Lighting Retrofit (DD)

Sheetlist							
Sheet Number	Sheet Name						
G 01	Cover						
EL 001	General Lighting & Demolition						
EL 200	Lighting						
EL 300	Details and Schedules						

The above sheets were provided and certified by Kay Schindel, P.E

General Conditions: All scheduled numbers and amounts of material and equipment are for contractor's convenience only. Contractor shall count and measure independently for bidding and ordering purposes. All scheduled numbers, lengths and other amounts may be incorrect and owner is not liable for mismatch. Notes applied to single items may apply to all like items on view. Before bidding contractor shall familiarize with existing conditions, scope of work and means and methods required. Contractor shall inquire about any missing or apparently incomplete details and specifications

Entire contract includes all specifications, plan sheets and other documents issued by owner. Bid documents don't intend to detail which subcontractor is responsible for what type of work. Any trade shall be

familiar with the entire contract. Division of work is responsibility of contractor. UTILITY CONNECTIONS: where work indicated includes installation of utilities (Gas, Power, Water, Sewer, Phone etc.) provide all the required work that normally is not done by the Utility. Contractor shall inquire

with Utilities to learn about the Scope of the Utility's work. Drawing Conventions

To be demolished items are shown in dashed line and/or colored. Some items necessary for removal may not be shown and removal is part of the contract.

Count of devices. lengths, areas and volumes are given for convenience only. Actually required numbers may be different and contractor is responsible to determine the actual need prior bidding.

G - General

M - Mechanical

F - Fire Protection PD - Plumbing Demolition P - Plumbing MD - Mechanical Demolition

ED - Electrical Demolition EL - Electrical Lighting EP - Electrical Power

Details will require items that will not be shown for every instance in the model. For example, a shut-off valve may be shown for a specific detail but the plans don't show this valve for every single instance - this valve will be required for each such device. Sheet and view Naming: H - Hazardous Material S - Structural AD - Architectural Demolition A - Architectural

SPECIAL WARRANTIES: PROVISIONS FOR FUTURE WORK

PROJECT DESCRIPTION:

SPECIAL SITE CONDITIONS:

unless approved otherwise.

PERMIT REQUIREMENTS: 1. Contractor is responsible to obtain all permits. See specification section 00 31 46 for details.

1. Fire Station is occupied and operational. Contractor shall schedule work to avoid disruption as much as possible.

Hours of operation are limited to 7 a.m. to 7 p.m. Monday through Saturday and Sunday 10 a.m. through 7 p.m.

Contractor may use owner's power and water at no cost.

Meet requirements of local ordinances, rules and laws.

EQUIPMENT PROVIDED BY OWNER (DON'T INCLUDE IN BID PRICE):

WORK PROVIDED BY OWNER (DON'T INCLUDE IN BID PRICE):

CONTINUITY OF SERVICE: 1. Minimize and schedule power outages for work.

K. SEQUENCING REQUIREMENTS:

R. SEQUENCING REQUIREMENTS.

1. NA
L. ALTERNATES:
1. N

Constitution of the sequence of the se

Designed by: City of Madison Facilites Management
City-County Building, Room 115

Fire Station 10 Lighting Retrofit

Madison Fire Department

1517 Troy Drive Madison, WI 53704

Contract: 9230 Project: 14246

	Above Finished Floor
ACT ADDL	Acoustical Ceiling Tile  Additional
AFC	Above Finished Counter
AFG	Above Finished Grade
ALUM	Aluminum
APPD ASC	Approved Above Suspended Ceiling
BB	Baseboard
BFF	Below Finished Floor
BFG BLDG	Below Finished Grade Building
BLW	Below
BO	Bottom of Bottom of Concrete
BOC	Bottom of Steel
BPL	Base Plate
CB	Catch Basin
CBT CF/CI	Ceramic Tile Base Contractor Furnished / Contractor Installed
CF/OI	Contractor Furnished / Owner Installed
CG	Corner Guard
CIP CJ	Cast-In-Place Control Joint
CL	Center Line
CLG CMU	Ceiling
CMU	Concrete Masonry Unit Cleanout
COL	Column
CONC	Concrete Continuous
CORR	Corridor
CPT	Carpet
CSWK CT	Casework Ceramic Tile
CW	Cold Water
DEMO	Demolition
DF DIA	Drinking Fountain Diameter
DR	Diameter
DS	Downspout
DW DWG	Dishwasher Drawing
E	Drawing  East
EA	Each
EJ	Expansion Joint
ELEV	Elevation Elevator
EPS	Expanded Polystyrene Board
EQ EST	Equal (Distance) Estimated
EXP	Estimated Expand, Expansion
EXT	Exterior
FA FA	Female Fire Alarm
FAB	Fire Alarm Fabric
FD	Floor Drain
FEC	Fire Extinguisher Cabinet Fire Hose Cabinet
FHC FLR	Floor
FM	Floormat
FND FO	Foundation Finished Opening
FP	Fire Protection
FTG	Footing
GA GALV	Gauge Galvanized
GALV	Galvanized Grab Bar
GR	Grade
GT GYP	Grout Poord
	Gypsum Board
HB	Hose Bib
HB HC	Hose Bib Hollow Core
HB HC HGT	Hollow Core Height
HB HC	Hollow Core
HB HC HGT HM HM	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning
HB HC HGT HM HM HVAC HW	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water
HB HC HGT HM HM	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning
HB HC HGT HM HM HVAC HW ID INT JHA	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority
HB HC HGT HM HM HVAC HW ID INT JHA LAV	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory
HB HC HGT HM HM HVAC HW ID INT JHA	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum
HB HC HGT HM HW HVAC HW ID INT JHA LAV LL	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF/CI	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Ouner Furnished / Contractor Installed
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF/CI OF/OI OPNG	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Owner Furnished / Contractleled Over Head Door Opening
HB HC HGT HM HW HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF / CI OF / OI OPP	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Owner Furnished / Contract Installed Owner Furnished / Owner Installed Over Head Door Opening Opposite
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF/CI OF/OI OPNG	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Owner Furnished / Contractleled Over Head Door Opening
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC NO N NA NIC NM OTS OC OD OF/CI OF/OI OHD OPNG OPP PERP POLYISO PT	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Owner Furnished / Owner Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted
HB HC HGT HM HM HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF / CI OF / OI OHD OPNG OPP PERP POLYISO PT PTN	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Parition
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NO N OF OF OF OF OF OF OP PERP POLYISO PT PTN RCP RD	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contract Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Parittion Reflected Ceiling Plan Roof Drain
HB HC HGT HM HM HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC OD OF/CI OF/OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Reof Drain Reinforcing Steel Bars
HB HC HGT HM HM HWAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC OD OF/CI OF/OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contract Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Parittion Reflected Ceiling Plan Roof Drain
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HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF / CI OF / OI OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Owner Furnished / Owner Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South
HB HC HGT HM HM HW HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF/CI OF/OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Parittion Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary
HB HC HGT HM HM HW HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC OD OF/CI OF/OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Owner Furnished / Owner Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South
HB HC HGT HM HM HWAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF/CI OF/OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor
HB HC HGT HM HM HW HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF / CI OF / OI OHD OPNG OPP ERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor Top of
HB HC HGT HM HM HWAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF/CI OF/OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor
HB HC HGT HM HM HW HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC OD OF/CI OF/OI OHD OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP TFF TO TOB TOC TOJ	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor Top of Beam Top of Concrete Top of Joist
HB HC HGT HM HM HW HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC OD OF/CI OF/OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP TFF TO TOB TOC TOJ TYP	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor Top of Top of Beam Top of Concrete Top Of Joist Typical
HB HC HGT HM HM HW HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC OD OF/CI OF/OI OHD OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP TFF TO TOB TOC TOJ	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor Top of Beam Top of Concrete Top of Joist
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF / CI OF / OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP TFF TO TOB TOC TOJ TYP UNO VIF	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Parittion Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor Top of Top of Beam Top of Concrete Top of Joist Typical Unless Noted Otherwise Verified in Field West
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF / CI OF / OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP TFF TO TOB TOC TOJ TYP UNO VIF W W/	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor Top of Beam Top of Concrete Top of Joist Typical Unless Noted Otherwise Verified in Field West With
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF / CI OF / OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP TFF TO TOB TOC TOJ TYP UNO VIF	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Parittion Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor Top of Top of Beam Top of Concrete Top of Joist Typical Unless Noted Otherwise Verified in Field West
HB HC HGT HM HM HW HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF/CI OF/OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP TFF TO TOB TOC TOJ TYP UNO VIF W W/ W/ W/ W/ W/ W/ W/ WC WD	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Owner Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reflected Ceiling Plan Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor Top of Top of Beam Top of Concrete Top of Joist Typical Unless Noted Otherwise Verified in Field West With Without Water Closet Wood
HB HC HGT HM HM HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF / CI OF / OI OF / OI OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP TFF TO TOB TOC TOJ TYP UNO VIF W W/ W	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Contractor Installed Owner Furnished / Owner Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reflected Ceiling Plan Roof Drain Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor Top of Top of Beam Top of Concrete Top of Joist Typical Unless Noted Otherwise Verified in Field West With Without Water Closet Wood Water Heater
HB HC HGT HM HM HW HVAC HW ID INT JHA LAV LL M MAX MFR MIN MISC MO N NA NIC NM NTS OC OD OF/CI OF/OI OHD OPNG OPP PERP POLYISO PT PTN RCP RD REBAR REF REV RO S SAN SST TEMP TFF TO TOB TOC TOJ TYP UNO VIF W W/O WC WD	Hollow Core Height Handicapped Hollow Metal Heating, Ventilation & Air Conditioning Hot Water Inside Diameter Interior Jurisdiction Having Authority Lavatory Live Load Male Maimum Manufacturer Minimum Miscellaneous Masonry Opening North Not Applicable Not in Contract Nominal No to Scale on center Outside Diameter Owner Furnished / Owner Installed Over Head Door Opening Opposite Perpendicular Polyisocyanurate Board Paint, Painted Partition Reflected Ceiling Plan Reinforcing Steel Bars Reference Revision Rough Opening South Sanitary Stainless Steel Temperature Top of Finsihed Floor Top of Top of Beam Top of Concrete Top of Joist Typical Unless Noted Otherwise Verified in Field West With Without Water Closet Wood

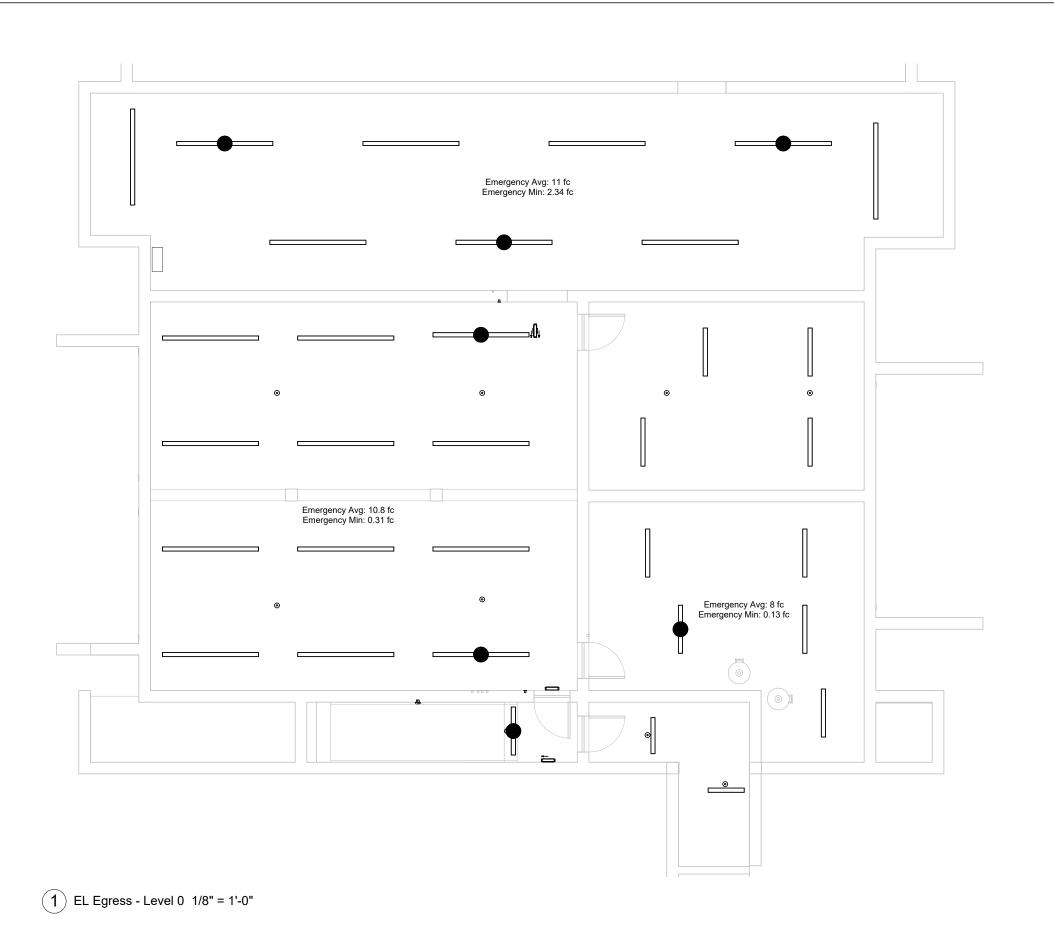
**General Abbreviations** 

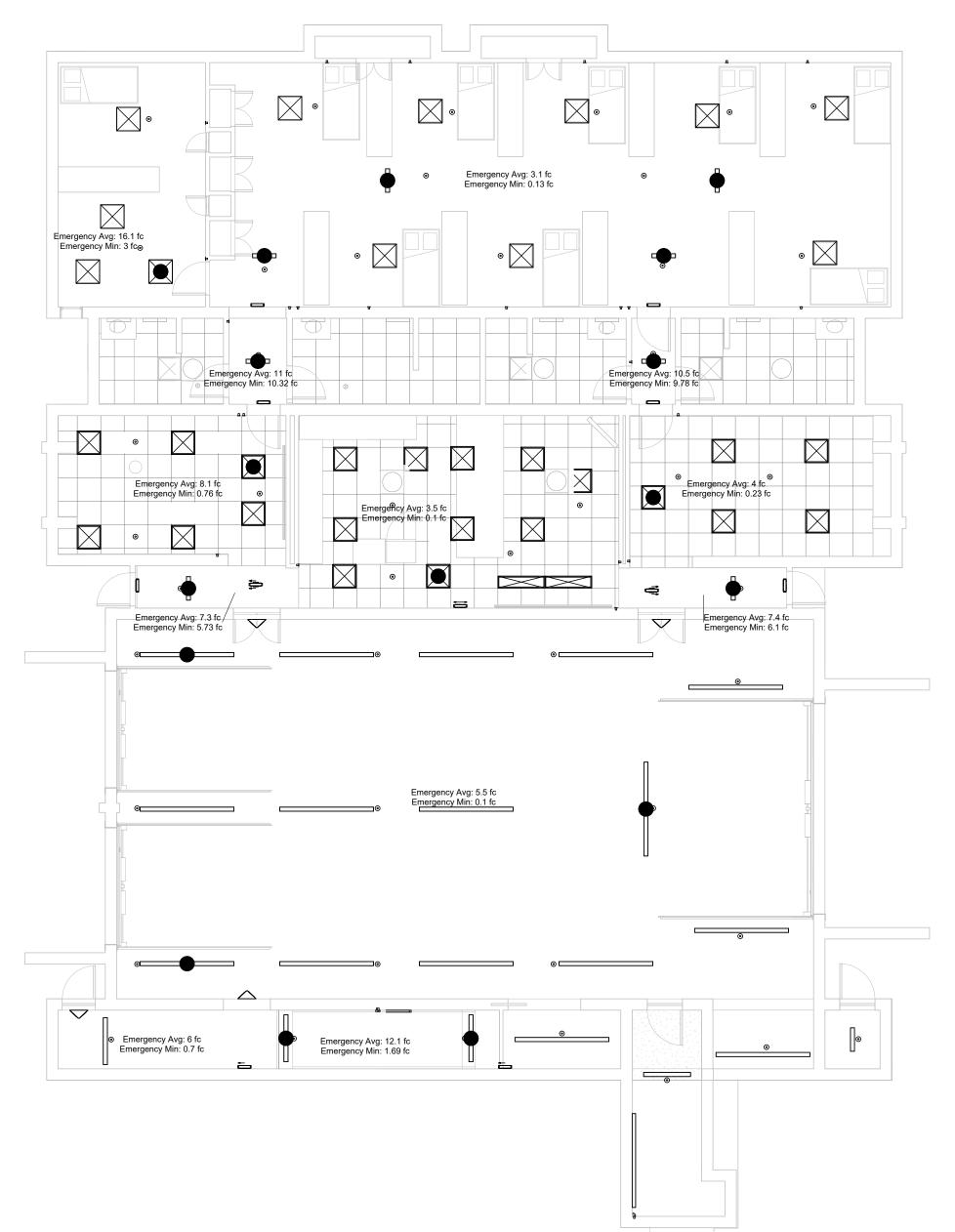
Cover

Revisions

G 01

10/26/2022 14:13:34 Print in color on 24" x 36"





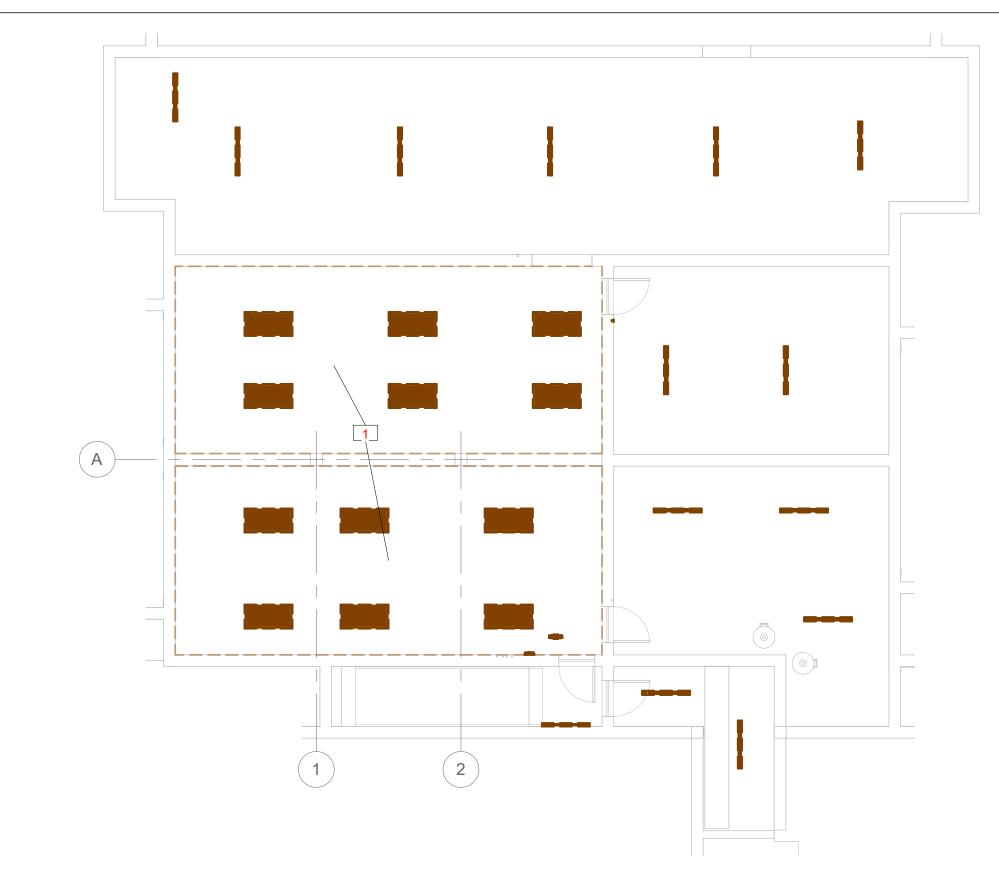
2 EL Egress - Level 1 1/8" = 1'-0"



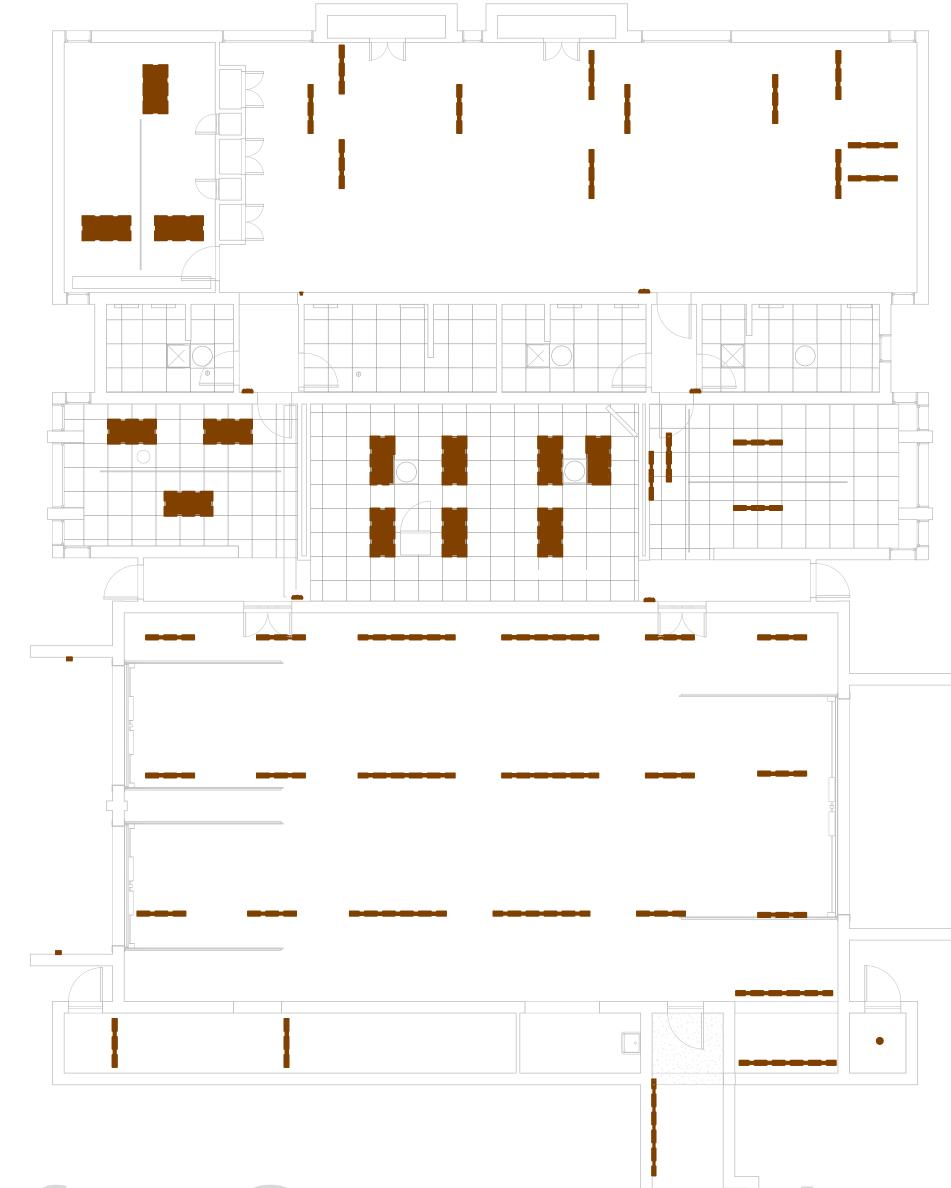
E	Emerge	ncy Lighting Lo	ad	Keynote Legend
	Space:			Key Value Keynote Text
Mark	Number	Space: Name	Apparent Load	1 Remove entire suspended ceiling. Include all elements. No wall or ceiling repair requir
3-AC	102	Storage	4 VA	
3-AC	100	Garage	4 VA	
3-AC	100	Garage	4 VA	
3-AC	100	Garage	4 VA	
AC	001	Gym	1 VA	
AC	001	Gym	1 VA	
AC	006	Stairs	1 VA	
AC	102	Storage	1 VA	
AC	106	Corridor	1 VA	
AC	107	Corridor	1 VA	
AC	107	Corridor	1 VA	
AC	106	Corridor	1 VA	
AC	104A	Kitchen	1 VA	
AC	113	Passage	1 VA	
AC	112	Passage	1 VA	
AC	114	Dorm	1 VA	
AC	114	Dorm	1 VA	
2-2K	105	TV	16 VA	
2-2K	104A	Kitchen	16 VA	
-3.4K	103	Watch	27 VA	
-3.4K	115A	Private Bedroom Office	27 VA	
.5K	114	Dorm	10 VA	
.5K	114	Dorm	10 VA	
.5K	114	Dorm	10 VA	
.5K	114	Dorm	10 VA	
2.5K	112	Passage	17 VA	
2K	113	Passage	13 VA	
2K	106	Corridor	13 VA	
2K	107	Corridor	13 VA	
4K	006	Stairs	25 VA	
4K	006	Stairs	25 VA	
5K	002	Mechanical 1	32 VA	
.6K	003	Mechanical 2	36 VA	

			IECC	2015 Li	ighting L	_evels						
Space Number	Space Name	Area	Space Type	Workplane Height	Min. Required Avgerage Illumination	Actual Average Illumination	Illumination Goal	Max. Allowed Power Density IECC 2015	Actual Power Density	Actual Power Density compared to Code	Allowed Lighting Load	Act Ligh
001	Gym	1,147 ft <sup>2</sup>	Fitness Exercise Area	2' - 6"	30 fc	44.1 fc	147%	0.72 W/ft <sup>2</sup>	0.372 W/ft <sup>2</sup>	52%	826 VA	426
002	Mechanical 1	411 ft²	Electrical / Mechanical	2' - 6"	30 fc	30.9 fc	103%	0.95 W/ft <sup>2</sup>	0.335 W/ft <sup>2</sup>	35%	391 VA	138
003	Mechanical 2	1,114 ft <sup>2</sup>	Electrical / Mechanical	2' - 6"	30 fc	32.1 fc	107%	0.95 W/ft <sup>2</sup>	0.287 W/ft <sup>2</sup>	30%	1,058 VA	320
004	Storage	359 ft²	Warehouse - bulky Items palletized	2' - 6"	20 fc	25.5 fc	128%	0.58 W/ft <sup>2</sup>	0.276 W/ft <sup>2</sup>	48%	208 VA	99
005	Storage	118 ft²	Storage	2' - 6"	10 fc	30 fc	300%	0.63 W/ft <sup>2</sup>	0.425 W/ft <sup>2</sup>	67%	74 VA	50
006	Stairs	113 ft²	Stairwell	0' - 0"	10 fc	22.3 fc	223%	0.69 W/ft <sup>2</sup>	0.529 W/ft <sup>2</sup>	77%	78 VA	60
100	Garage	1,973 ft <sup>2</sup>	Emergency Vehicle Garage	2' - 6"	30 fc	31.3 fc	104%	0.56 W/ft <sup>2</sup>	0.381 W/ft <sup>2</sup>	68%	1,105 VA	752
101	Storage	110 ft²	Storage	2' - 6"	10 fc	24 fc	240%	0.63 W/ft <sup>2</sup>	0.548 W/ft <sup>2</sup>	87%	69 VA	60
102	Storage	94 ft²	Storage	2' - 6"	10 fc	18.1 fc	181%	0.63 W/ft <sup>2</sup>	0.263 W/ft <sup>2</sup>	42%	59 VA	25
103	Watch	229 ft <sup>2</sup>	Office - open	2' - 6"	40 fc	45.7 fc	114%	0.98 W/ft <sup>2</sup>	0.75 W/ft <sup>2</sup>	76%	225 VA	172
104A	Kitchen	452 ft²	Food Preparation	2' - 6"	50 fc	51.4 fc	103%	1.21 W/ft <sup>2</sup>	0.63 W/ft <sup>2</sup>	52%	547 VA	285
105	TV	267 ft <sup>2</sup>	Lounge / Breakroom	2' - 6"	20 fc	21.7 fc	109%	0.73 W/ft <sup>2</sup>	0.292 W/ft <sup>2</sup>	40%	195 VA	78
106	Corridor	51 ft²	Corridor - otherwise	0' - 0"	10 fc	15.8 fc	158%	0.66 W/ft <sup>2</sup>	0.265 W/ft <sup>2</sup>	40%	33 VA	13
107	Corridor	51 ft²	Corridor - otherwise	0' - 0"	10 fc	13.1 fc	131%	0.66 W/ft <sup>2</sup>	0.266 W/ft <sup>2</sup>	40%	33 VA	13
112	Passage	36 ft²	Corridor - otherwise	0' - 0"	10 fc	11 fc	110%	0.66 W/ft <sup>2</sup>	0.536 W/ft <sup>2</sup>	81%	24 VA	19
113	Passage	27 ft²	Corridor - otherwise	0' - 0"	10 fc	10.2 fc	102%	0.66 W/ft <sup>2</sup>	0.565 W/ft <sup>2</sup>	86%	18 VA	15
114	Dorm	1,177 ft <sup>2</sup>	Fire Station Sleeping Quarter	2' - 6"	10 fc	18.8 fc	188%	0.22 W/ft <sup>2</sup>	0.219 W/ft <sup>2</sup>	99%	259 VA	258
115A	Private Bedroom Office	123 ft²	Office - enclosed	2' - 6"	40 fc	45.9 fc	115%	1.11 W/ft²	0.646 W/ft <sup>2</sup>	58%	137 VA	80
115B	Private Bedroom Sleeping	139 ft²	Fire Station Sleeping Quarter	2' - 6"	10 fc	17.8 fc	178%	0.22 W/ft <sup>2</sup>	0.191 W/ft <sup>2</sup>	87%	31 VA	27
116	Shed	23 ft²	Storage	2' - 6"	10 fc	10.3 fc	103%	0.63 W/ft <sup>2</sup>	0.442 W/ft <sup>2</sup>	70%	15 VA	10
		8,015 ft <sup>2</sup>									5,385 VA	2,90

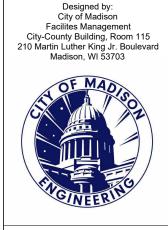
- - Demolish all existing lighting fixtures and controls. This includes all items not needed for new installation function. This includes, but is not limited to emergency, exit, track, architectural and spot lights, switches, sensors, inverters, batteries and control panels. Demolition drawings may not show all existing items.
- Remove all unused raceways, boxes, conduit and wiring Patch wall, ceiling and other surfaces damaged by removal. Use adjacent surface matching cover for electrical boxes.
- Install new raceways, boxes, conduit and wiring as required for new lighting fixtures and controls.
- Install conduit inside walls and above ceiling. Modify Grid Ceiling to accommodate new fixtures. Fill in openings with new tiles of existing type. Contractor will provide grid elements and tiles. In some locations
- Install in even pattern. Where sprinkler, diffuser or other permanent obstruction prevents even layout, relocate after consultation with engineer.
- Install fixtures at indicated height and provide required suspension. A height typically applies to all fixtures in a space, even if only a single fixture has an indicated height shown. If no height is provided,
- ceiling surface height can be assumed. Surface wiring raceway in finished areas is only allowed where the structure does not allow installation behind ceiling or wall. Raceway shall be neatly routed and hidden in corners to the
- greatest extend possible. Paint to match adjacent surface.
- Locate sensors to enable good detection within controlled zone and in between partitions. In enclosed rooms minimize detection of motion in adjacent rooms. Lighting zones are indicated by wire annotations and/or switchleg (SL) numbering. Wire annotations
- are schematic only to indicate control relationships and don't necessarily equal actually required physical wire runs. Lighting zones can be shown by proximity of sensor and light fixture without wire
- or switchleg annotation (for example, garage lighting where each fixture has one sensor) Spaces with electrical panels shall have at least one light be controlled by a manual switch only (no
- automatic control) per code-requirement. Fixture-mounted sensors shall be installed to allow 360° detection and bottom of sensor lens shall be
- Size analog 0-10V wiring to limit voltage drop. At 100% position the light fixture shall be 100% bright.
- Light fixtures with a black dot indicate emergency lights.
- Control fixtures from central inverter or generator. Provide all wiring to emergency power source.



3 ED - Level 0 - Basement 1/8" = 1'-0"



Review Set - Not for Construction



Madison Fire Department

Fire Station 10 Lighting Retrofit

1517 Troy Drive Madison, WI 53704

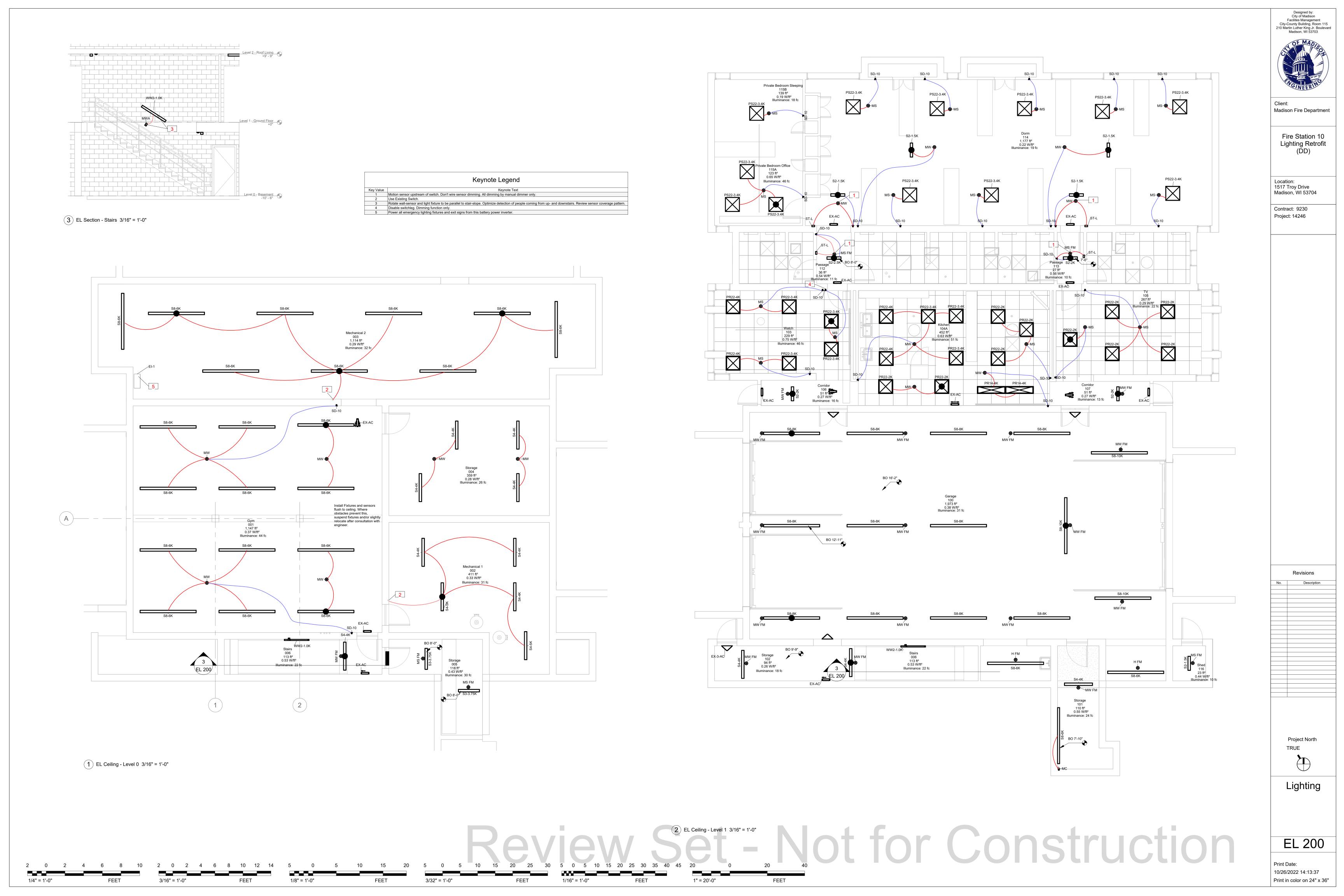
Contract: 9230 Project: 14246

> General Lighting & Demolition

Revisions

EL 001

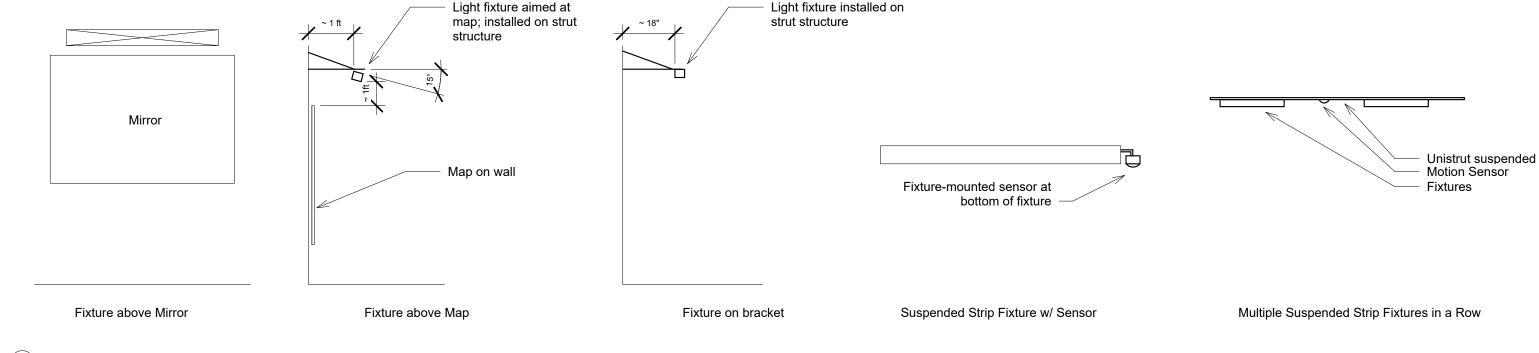
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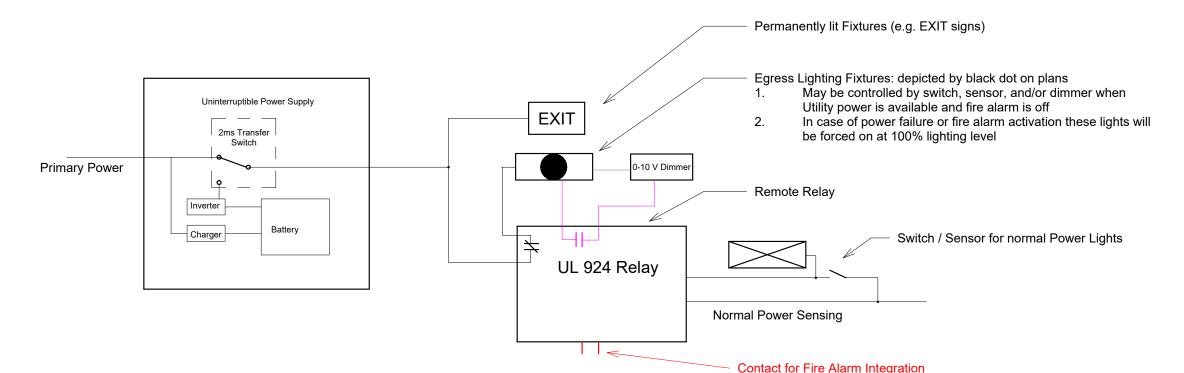
	Lighting Device Schedule											
Type Mark	Description	Est. Count	Model	URL	Type Remark	Specification						
H FM	Motion Sensor High-Bay; Fixture-mount	2	Sensorswitch LSXR-6-ADC-VLP	www.acuitybrands.com	Type Remark	26 09 23 – Lighting Control Devices						
MC	Motion Sensor Corner-mount w/ powerpack	1	Sensorswitch WV16-R-P-KIT-PP20	www.acuitybrands.com		26 09 23 – Lighting Control Devices						
MS	Motion Sensor short Range	16	Sensorswitch CMR-9-PDT-ADC-VLP	www.acuitybrands.com		26 09 23 – Lighting Control Devices						
MS FM	Motion Sensor short Range; Fixture-mount	5	Sensorswitch LSXR-9-ADC-VLP	www.acuitybrands.com		26 09 23 - Lighting Control Devices						
MW	Motion Sensor wide Range	13	Sensorswitch CMR-10-PDT-ADC-VLP	www.acuitybrands.com		26 09 23 - Lighting Control Devices						
MW FM	Motion Sensor wide Range; Fixture-mount	17	Sensorswitch LSXR-10-ADC-VLP	www.acuitybrands.com		26 09 23 - Lighting Control Devices						
MWA	Motion Sensor Wall-mount 180° Coverage; 48" height	1	Sensorswitch LWS-WH	www.acuitybrands.com		26 09 23 - Lighting Control Devices						
S-1	Single Switch	6		•		26 09 23 - Lighting Control Devices						
SD-10	Switch w/ 0-10V Dimmer	26	Wattstopper RH4FBL3PW	www.legrand.us		26 09 23 - Lighting Control Devices						

	Emergency Power Battery Inverters												
Mork	Chase Number	Space Name	Description	Manufacturer	Model	LIDI	Output Rating @ 90	In / Out	Weight	Domark	Specific Remark	Charifications	
Mark	Space Number	Space Name	Description	Manufacturer	wodei	URL	Minutes	Voltage	vveignt	Remark	Specilic Remark	Specifications	
EI-1	003	Mechanical 2	Emergency Lighting Battery Inverter	Myers	EM-2-S-B	www.myerseps.com	1600 VA	120 V	405 lbf	For floor mount: option -F. For wall-mount use option -W.	Floor-mount	26 52 00 - Safety Lighting	

				Lighting	g Fixture	Sched	lule				
Type Mark	Description	Est. Count	Model	URL	Apparent Load	Luminous Flux	Color Temperature	Efficacy	Lumen Maintenance	Type Remark	Specification
		16			<varies></varies>						
EX-3-AC	AC-powered triangular Exit Fixture	4	Big Beam TRXL-2-G-W-W	www.bigbeam.com	4 VA						26 52 00 – Safety Lighting
EX-AC	AC-powered Exit Fixture	13	Lithonia LQM-S-W-3-G-MVOLT	www.acuitybrandslighting.com	1 VA						26 52 00 – Safety Lighting
PR14-4K	Panel Recessed 1x4	2	Lithonia EPANL-1x4-4000LMHE-40K-80CRI-MIN1-ZT-MVOLT	www.acuitybrands.com	31 VA	3897 lm	4000 K	127 lm/W	L91 @ 60K hours		26 51 00 - Interior Lighting
PR22-2K	Panel Recessed 2x2	10	Lithonia EPANL-2x2-2000LMHE-40K-80CRI-MIN1-ZT-MVOLT	www.acuitybrands.com	16 VA	1972 lm	4000 K	126 lm/W	L91 @ 60K hours		26 51 00 - Interior Lighting
PR22-3.4K	Panel Recessed 2x2	7	Lithonia EPANL-2x2-3400LMHE-40K-80CRI-MIN1-ZT-MVOLT	www.acuitybrands.com	27 VA	3399 lm	4000 K	128 lm/W	L91 @ 60K hours		26 51 00 - Interior Lighting
PR22-4K	Panel Recessed 2x2	4	Lithonia EPANL-2x2-4000LMHE-40K-80CRI-MIN1-ZT-MVOLT	www.acuitybrands.com	33 VA	4117 lm	4000 K	125 lm/W	L91 @ 60K hours		26 51 00 - Interior Lighting
PS22-3.4K	Panel Surface 2x2	12	Lithonia EPANL-2x2-3400LMHE-40K-80CRI-MIN1-ZT-MVOLT-2x2SMKSH	www.acuitybrands.com	27 VA	3399 lm	4000 K	128 lm/W	L91 @ 60K hours		26 51 00 - Interior Lighting
S2-1.5K	Strip 2'	5	Lithonia CLX-L24-1500LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	10 VA	1436 lm	4000 K	138 lm/W	L70 @ 100K hours		26 51 00 – Interior Lighting
S2-2.5K	Strip 2'	1	Lithonia CLX-L24-2500LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	17 VA	2508 lm	4000 K	144 lm/W	L70 @ 100K hours		26 51 00 – Interior Lighting
S2-2K	Strip 2'	3	Lithonia CLX-L24-2000LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	13 VA	1981 lm	4000 K	147 lm/W	L70 @ 100K hours		26 51 00 – Interior Lighting
S3-3.75K	Strip 3'	2	Lithonia CLX-L36-3750LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	25 VA	3845 lm	4000 K	153 lm/W	L70 @ 100K hours		26 51 00 – Interior Lighting
S4-4K	Strip 4'	11	Lithonia CLX-L48-4000LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	25 VA	3868 lm	4000 K	156 lm/W	L70 @ 100K hours		26 51 00 – Interior Lighting
S4-5K	Strip 4'	2	Lithonia CLX-L48-5000LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	32 VA	4839 lm	4000 K	152 lm/W	L70 @ 100K hours		26 51 00 – Interior Lighting
S8-6K	Strip 8'	24	Lithonia CLX-L96-6000LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	36 VA	5697 lm	4000 K	160 lm/W	L70 @ 100K hours		26 51 00 – Interior Lighting
S8-8K	Strip 8'	11	Lithonia CLX-L96-8000LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	49 VA	7602 lm	4000 K	157 lm/W	L70 @ 100K hours		26 51 00 – Interior Lighting
S8-10K	Strip 8'	3	Lithonia CLX-L96-10000LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	61 VA	9404 lm	4000 K	154 lm/W	L70 @ 100K hours		26 51 00 – Interior Lighting
ST-L	Step Light w/ Lens; White	4	Contech STPL-AM-LS-P	www.contechlighting.com	2 VA	34 lm	1800 K	17 lm/W	50K hours		26 51 00 – Interior Lighting
WW2-1.0K	Linear Wall-Wash LED Light Fixture	1	Focal Point FSM1W-AS-500-40K-1C-UNV-L11-WM-WH-4ft	www.focalpointlights.com	10 VA	2000 lm	4000 K	200 lm/W	L90 @ 115K hours		26 51 00 – Interior Lighting



1 EL Typical Installation Details 1" = 1'-0"

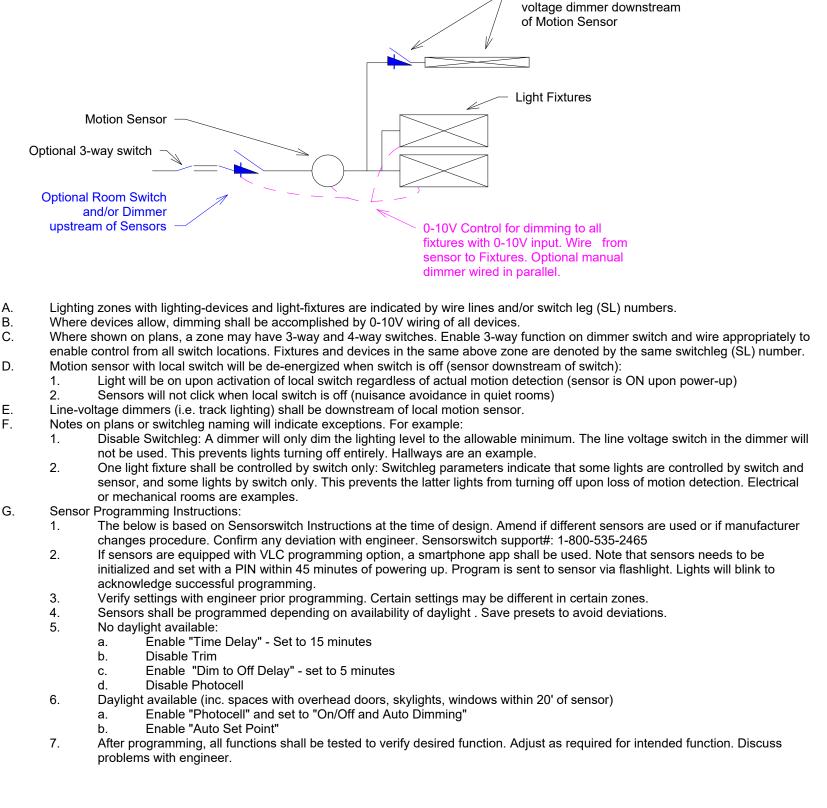


## Objective

- 1. Emergency light fixtures (indicated by a black dot) and Exit signs will be powered by the Uninterruptible AC Power Supply (UPS). Wiring has to be extended from UPS to all devices.

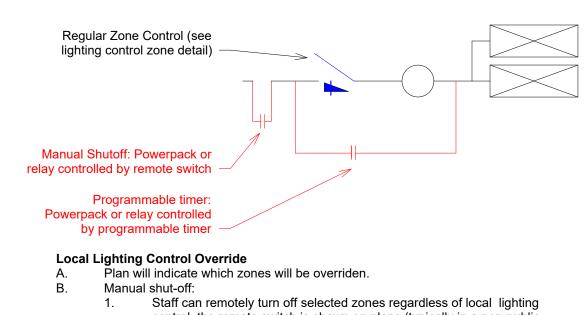
  2. When normal power is present and fire alarm is OFF, lighting will be controlled by lighting control system. Local switches, timers, dimmers and sensors control on/off and dimming.

  3. When normal power is not present, the emergency fixtures and exit signs will be powered by the battery for over 90 minutes. These fixtures will be forced on at 100% (no dimming)
- When fire alarm is active, all emergency light fixtures will be forced on at 100% (no dimming).
   Contractor shall verify availability of contacts in fire alarm panel and add relay(s) if required.
- Wiring shall meet NEC 700.10 requirements. This includes, but is not limited to: a. Separate emergency raceway. Raceway shall be marked.
- b. Any junctions shall be labeled "Warning 2 power sources" or as required by code
- c. Label indicates panel, circuit, and voltage
  7. Conduit for emergency lighting shall be color-coded as specified in Division 26
- When accessible installation of UL 924 relay is not possible (e.g. drywall, exterior), install the relay in near-by accessible location. Verify location with engineer. fixtures with built-in sensor shall be re-wired for UL 924 relay to bypass sensor (e.g. exterior fixture with included photocell)
- Testing:
- 1. Test by applying emergency power and normal power. Turn off local switch and set local dimmer to lowest dimming level.
  a. If no local switch is available, disconnect the appropriate wire to simulate light being turned off.
  - a. If no local switch is available, disconnect the appropriate wire to simulate light being turned off.b. If no local dimmer is available and dimming by sensor is scheduled, program sensor to dim to low level.
- Disconnect normal sensing power and verify emergency light turns on to 100%
   Re-instate normal power and activate fire alarm and verify emergency light turns on to 100%
- 2 EL Egress Lighting Control w/ UPS and Fire Alarm Integration 1" = 1'-0"



Track Light w/ separate line-

(3) EL Lighting Control Zone 1" = 1'-0"



- 1. Staff can remotely turn off selected zones regardless of local lighting control, the remote switch is shown on plans (typically in a non-public location)

  Programmable timer:
- A central timer forces lights in zone on regardless of local control
- D. Wiring from programmable timer and remote switch can be accomplished in line-voltage wiring or with low-voltage wiring and power-pack near lighting

4 EL Local Lighting Control Overrides 1" = 1'-0"



Turn off lights when leaving room empty.

- A. Some spaces don't employ automatic lighting control and use manual switches only. These include but are not limited to mechanical, electrical, or crawl spaces.
- B. In these spaces, adhere a sign to the exit door indicating that lights shall be shut off upon
- leaving the space.

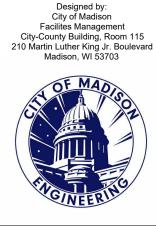
  C. Above sign is an example and similar signs can
- be used upon approval.

5 EL Manual Lighting Control 1" = 1'-0"

Details and Schedules

Revisions

Review Set - Not for Construction



Madison Fire Department

Fire Station 10

Lighting Retrofit

1517 Troy Drive Madison, WI 53704

Contract: 9230

Project: 14246

Schedules

EL 300

Print Date: 10/26/2022 14:13:37 Print in color on 24" x 36"