Fire Station 2 Lighting Retrofit (BPW Set)

	Sheetlist								
Sheet Number	Sheet Name								
G 01	Cover								
E 001	General Electrical Information								
EL 001	General Lighting								
EL 200	Demolition								
EL 210	Lighting								
EL 220	Lighting								
EL 300	Details and Schedules								

- 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. 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: G - General

General Conditions:

- H Hazardous Material
- S Structural
- AD Architectural Demolition
- A Architectural
- FA Fire Detection and Alarm PD - Plumbing Demolition
- P Plumbing MD - Mechanical Demolition
- M Mechanical
- ED Electrical Demolition EL - Electrical Lighting EP - Electrical Power

- A. PROJECT DESCRIPTION:
- SPECIAL SITE CONDITIONS:
- C. WORK HOURS
- Meet requirements of local ordinances, rules and laws. 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.
- unless approved otherwise. D. WORK PROVIDED BY OWNER (DON'T INCLUDE IN BID PRICE):
- E. EQUIPMENT PROVIDED BY OWNER (DON'T INCLUDE IN BID PRICE):
- F. SPECIAL WARRANTIES:
- G. PROVISIONS FOR FUTURE WORK
- PROVISIONS FOR RETROFIT INSTALLATIONS
- PERMIT REQUIREMENTS:
- 1. Contractor is responsible to obtain all permits. See specification section 00 31 46 for details.
- 1. Contractor may use owner's power and water at no cost.
- CONTINUITY OF SERVICE:
- L. SEQUENCING REQUIREMENTS:
- M. ALTERNATES:

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



Madison Fire Department

Fire Station 2 Lighting Retrofit (BPW Set)

421 Grand Canyon Dr. Madison, WI 53719

Cover

G 01

Print Date:

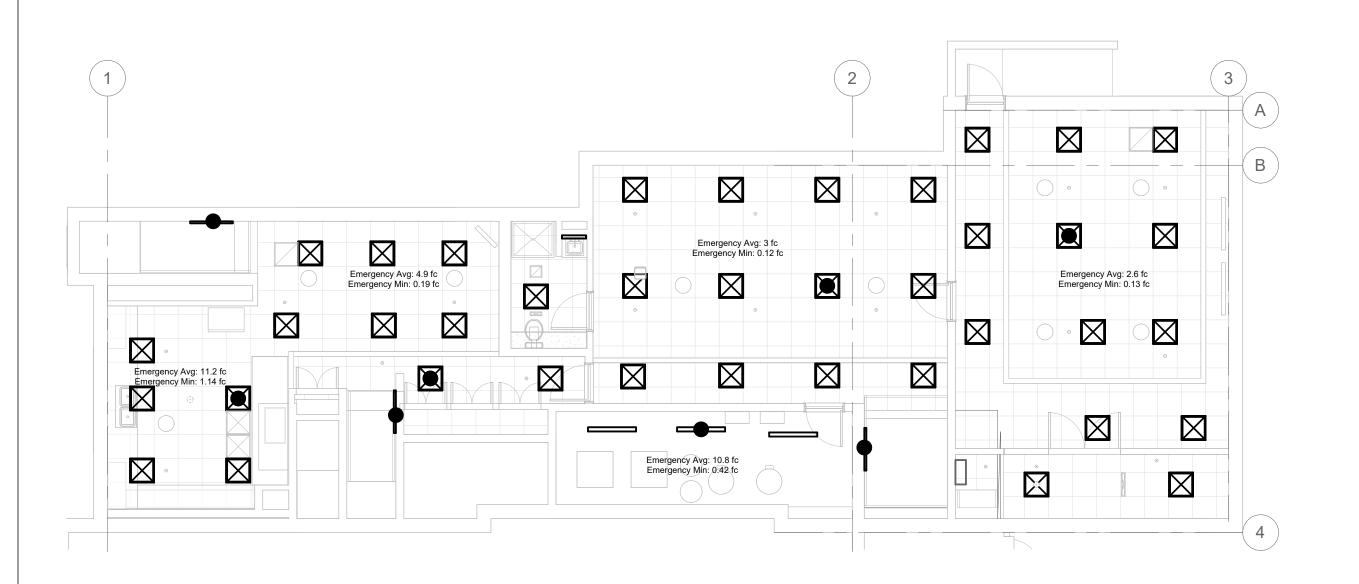
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Print in color on 24" x 36"

Contract: 9322

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

General Abbreviations



Type Mark	Space: Number	Space: Name	Apparent Load	Estimated UL 92
P-2x2-2.0K	004A	<u> </u>	14 VA	Relays required
	004A 001	Dining	14 VA 14 VA	1
P-2x2-2.0K P-2x2-2.0K	204	Gym	14 VA 14 VA	1
P-2x2-2.0K P-2x2-2.0K		Bathroom		
	207	Bathroom	14 VA	1 1
P-2x2-2.0K	205	Bathroom	14 VA	· ·
P-2x2-2.0K	206	Bathroom	14 VA	11
P-2x2-2.0K	210	Dormitory	14 VA	1
P-2x2-2.0K	210	Dormitory	14 VA	1
P-2x2-2.0K	211	Dormitory	14 VA	1
P-2x2-2.0K	211	Dormitory	14 VA	1
P-2x2-2.0K	211	Dormitory	14 VA	1
P-2x2-2.0K	211	Dormitory	14 VA	1
P-2x2-2.0K	213	Corridor	14 VA	1
P-2x2-2.0K	213	Corridor	14 VA	1
P-2x2-2.0K	213	Corridor	14 VA	1
P-2x2-2.0K	105	Stair West	14 VA	1
P-2x2-2.0K	104	Corridor	14 VA	1
P-2x2-2.0K	002A	Day Room	14 VA	1
P-2x2-4.0K	004B	Kitchen	28 VA	1
P-2x2-4.0K	201	Watch	28 VA	1
S-4-4.0K	005	Mechanical	24 VA	1
S-4-5.0K	103	Storage	30 VA	1
S-4-5.0K	101	Garage	30 VA	1
S-4-5.0K	200	AHU	30 VA	1
S-8-8.0K	101	Garage	48 VA	1
S-8-8.0K	101	Garage	48 VA	1
S-8-8.0K	101	Garage	48 VA	1
S-8-8.0K	101	Garage	48 VA	1
SS-12-1.5K	102	Bathroom	15 VA	1
WW-4-2K	105	Stair West	16 VA	
WW-4-2K	105	Stair West	16 VA	
WW-4-2K	006	Stair East Down	16 VA	
WW-4-2K	104	Corridor	16 VA	
WW-4-2K	106	Stair North	16 VA	
			709 VA	29

				IE	ECC 201	5 Light	ing Lev	/els					
Space	Crease Name	A 112 -	Constant	Workplane		Average	Illumination		Actual Power Density	Actual Power Density compared to	Allowed Lighting	Actual Lighting	Space Lightir
Number 001	Space Name	Area 585 ft²	Space Type Fitness Exercise Area	Height 2' - 6"	Illumination 30 fc	Illumination 36.8 fc	Goal 123%	0.72 W/ft²	0.38 W/ft²	Code 53%	Load 421 VA	Load 222 VA	Building Lighti 0.03 VA
001 002A	Gym Day Room	641 ft ²	Lounge / Breakroom	2'-6"	20 fc	30.8 fc	163%	0.72 W/ft²	0.38 W/ft²	41%	421 VA 468 VA	190 VA	0.03 VA/I
002A 002B	Storage	123 ft ²	Storage	2' - 6"	10 fc	27.6 fc	276%	0.63 W/ft²	0.37 W/ft²	59%	78 VA	46 VA	0.02 VA/I
0026	Bathroom	63 ft²	Restroom - otherwise	2' - 6"	20 fc	27.6 fc 29.5 fc	148%	0.98 W/ft²	0.55 W/ft²	56%	62 VA	35 VA	0.01 VA/II
004A	Dining	309 ft ²	Dining Area (Family)	2' - 6"	30 fc	38.2 fc	127%	0.89 W/ft²	0.42 W/ft²	47%	275 VA	130 VA	0.02 VA/II
004A 004B	Kitchen	243 ft ²	Food Preparation	2' - 6"	50 fc	53.9 fc	108%	1.21 W/ft²	0.42 W/ft²	43%	294 VA	126 VA	0.02 VA/I
0046	Mechanical	197 ft²	Electrical / Mechanical	2' - 6"	30 fc	34.1 fc	114%	0.95 W/ft²	0.36 W/ft²	38%	188 VA	71 VA	0.02 VA/I
005	Stair East Down	66 ft²	Stairwell	0' - 0"	10 fc	14.4 fc	144%	0.69 W/ft²	0.24 W/ft²	35%	46 VA	16 VA	0.01 VA/II
100	Storage	104 ft²	Warehouse - small Items hand-carried	2' - 6"	30 fc	32.4 fc	108%	0.95 W/ft²	0.58 W/ft²	61%	99 VA	61 VA	0.01 VA/II
101	Garage	3,240 ft ²	Emergency Vehicle Garage	2' - 6"	30 fc	30.4 fc	101%	0.56 W/ft²	0.31 W/ft²	55%	1,815 VA	997 VA	0.01 VA/I
102	Bathroom	44 ft²	Restroom - otherwise	2' - 6"	20 fc	26.7 fc	134%	0.98 W/ft²	0.88 W/ft²	90%	43 VA	39 VA	0.12 VA/1
103	Storage	49 ft²	Warehouse - small Items hand-carried	2' - 6"	30 fc	30.6 fc	102%	0.95 W/ft²	0.62 W/ft²	65%	46 VA	30 VA	0 VA/ft²
103	Corridor	96 ft²	Stairwell	0' - 0"	10 fc	30.0 fc	303%	0.69 W/ft²	0.31 W/ft²	45%	66 VA	30 VA	0 VA/ft²
105	Stair West	87 ft²	Stairwell	0' - 0"	10 fc	31.2 fc	312%	0.69 W/ft²	0.53 W/ft²	77%	60 VA	46 VA	0.01 VA/I
106	Stair North	63 ft²	Stairwell	0' - 0"	10 fc	23.7 fc	237%	0.69 W/ft²	0.47 W/ft²	68%	43 VA	29 VA	0 VA/ft²
200	AHU	100 ft ²	Electrical / Mechanical	2' - 6"	30 fc	31.4 fc	105%	0.95 W/ft²	0.6 W/ft²	64%	95 VA	61 VA	0.01 VA/t
201	Watch	234 ft²	Office - enclosed	2' - 6"	40 fc	44.2 fc	110%	1.11 W/ft²	0.56 W/ft²	50%	260 VA	130 VA	0.02 VA/f
202	Office	114 ft²	Office - enclosed	2' - 6"	40 fc	46.2 fc	116%	1.11 W/ft²	0.65 W/ft²	58%	127 VA	74 VA	0.01 VA/f
203	Officer	136 ft²	Dormitory - Living Quarters	2' - 6"	20 fc	29.1 fc	146%	0.38 W/ft²	0.37 W/ft²	98%	52 VA	51 VA	0.01 VA/f
204	Bathroom	38 ft²	Restroom - otherwise	2' - 6"	20 fc	31.1 fc	155%	0.98 W/ft²	0.98 W/ft²	100%	38 VA	38 VA	0 VA/ft²
205	Bathroom	52 ft²	Restroom - otherwise	2' - 6"	20 fc	28.3 fc	142%	0.98 W/ft²	0.73 W/ft²	74%	50 VA	38 VA	0 VA/ft²
206	Bathroom	53 ft²	Restroom - otherwise	2' - 6"	20 fc	28.5 fc	142%	0.98 W/ft²	0.71 W/ft²	72%	52 VA	38 VA	0 VA/ft²
207	Bathroom	35 ft²	Restroom - otherwise	2' - 6"	20 fc	27.8 fc	139%	0.98 W/ft²	0.74 W/ft²	76%	34 VA	26 VA	0 VA/ft²
208	Officer	119 ft²	Dormitory - Living Quarters	2' - 6"	20 fc	24.2 fc	121%	0.38 W/ft²	0.35 W/ft ²	93%	45 VA	42 VA	0.01 VA/f
209	Storage	12 ft²	Storage	2' - 6"	10 fc	0 fc	0%	0.63 W/ft²	1.48 W/ft²	235%	7 VA	17 VA	0 VA/ft²
210	Dormitory	338 ft²	Dormitory - Living Quarters	2' - 6"	20 fc	31 fc	155%	0.38 W/ft ²	0.36 W/ft ²	94%	128 VA	120 VA	0.01 VA/f
211	Dormitory	611 ft²	Dormitory - Living Quarters	2' - 6"	20 fc	29.3 fc	147%	0.38 W/ft ²	0.36 W/ft ²	93%	232 VA	217 VA	0.03 VA/f
212	Laundry	49 ft²	Warehouse - small Items hand-carried	2' - 6"	30 fc	34.1 fc	114%	0.95 W/ft ²	0.47 W/ft ²	50%	46 VA	23 VA	0 VA/ft²
213	Corridor	246 ft²	Corridor - otherwise	0' - 0"	10 fc	11.5 fc	115%	0.66 W/ft ²	0.28 W/ft ²	43%	163 VA	70 VA	0.01 VA/f
214	Mop Closet	13 ft²	Electrical / Mechanical	2' - 6"	30 fc	0 fc	0%	0.95 W/ft ²	1.52 W/ft ²	160%	12 VA	20 VA	0 VA/ft²

210 Martin Luther King Jr. Boulevard Madison, WI 53703

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

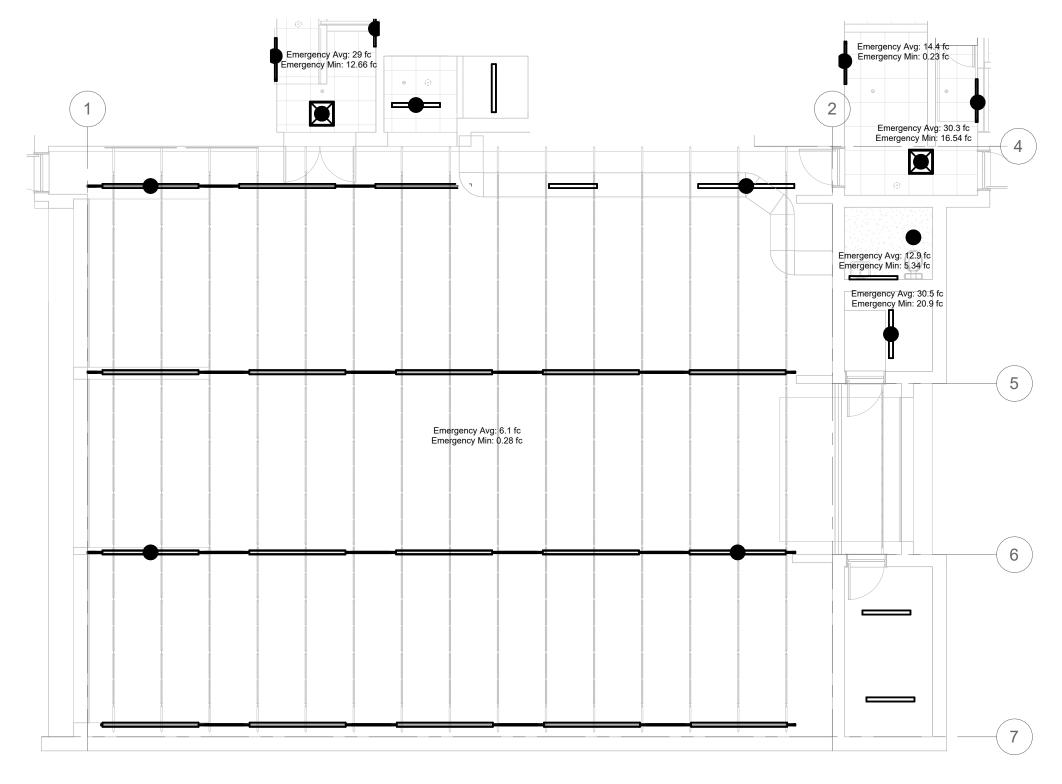
Client: Madison Fire Department

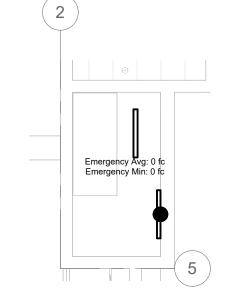
> Fire Station 2 Lighting Retrofit (BPW Set)

Location: 421 Grand Canyon Dr. Madison, WI 53719

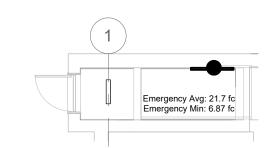
Contract: 9322 Project: 14530

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





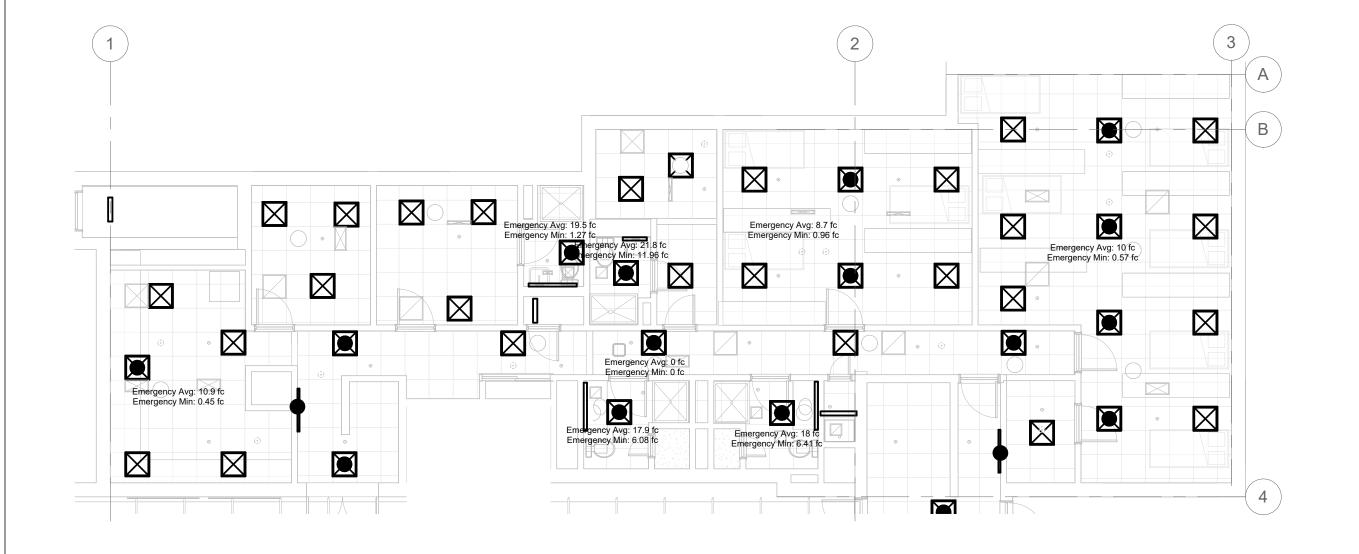
4 EL Egress - Level 3 - AHU 1/8" = 1'-0"



5 EL Egress - Level 1 - Kitchen Exit 1/8" = 1'-0"

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

(3) EL Egress - Level 2 - 2nd Floor 1/8" = 1'-0"



plan with designer prior installation. Install fixtures at indicated height. Provide required suspension. A noted height typically applies to all fixtures in a space, even if only a single fixture has an indicated height shown. If no height is given, ceiling surface mounting or mounting at bottom of fixture can be assumed. Installation in between trusses or beams also is an option. Consult with engineer before determining Surface wiring raceway in finished areas is only allowed where the structure does not allow installation inside ceiling or wall. Raceway shall be neatly routed and hidden in corners to the greatest extend possible. In finished spaces use surface wire molding instead of conduit. Wiremold shall be factory painted to match wall surface. Where matching factory paint is not available, use field-painting. Support all lighting fixtures adequately and provide all extra support. All conduit except at fixture entrance shall be 3/4" or larger. Turns between access boxes should not be more than 270°. use flexible metal conduit from a J-box in enough length to allow lifting and 2 lateral move of fixture Move flexible head sprinklers where required for even layout pattern. Suspended Strip Light Fixtures: use rigid type hangers every 4' or less. Mount multiple fixtures in a row on a uni-strut structure. Cord & Plug Fixtures: Mount on hook for easy replacement and install safety wire. Provide plug within reach of fixture Retrofit Installation: Maintain all fire ratings while penetrating plenums, walls or ceilings. Install all wiring inside ceiling and wall. If wiring cannot be fished through, provide surface mounted conduit or wire molding in finished spaces. Modify Grid Ceiling to accommodate new fixtures. Fill in openings with new tiles of existing type. Contractor shall provide tiles and grid elements. Review Special site conditions for information on type of tile. Where sprinkler, diffuser or other permanent obstruction prevents even layout, relocate after consultation with engineer. Prevent dirt and dust polluting occupied areas and take special care while working in occupied areas and cover equipment and Canopy: Provide retrofit version of fixtures and/or all retrofit accessories for installing over existing fixture locations. Ensure existing opening is fully covered. Build cover matching surrounding 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

Fixture-mounted sensors shall be installed to allow 360° detection and bottom of sensor lens shall be at or below bottom of

Demolish all existing lighting fixtures and controls. This includes all items not needed for new installation to function. This includes, but is not limited to, emergency, exit, track, architectural and spot lights, switches, sensors, inverters, batteries and

Patch wall, ceiling and other surfaces damaged by removal of XTG elements. Use adjacent surface matching cover for

Locations shown are approximate only. Install as required to coordinate with tile patterns, architectural features, sprinklers, mechanical equipment and other obstacles. Center Fixtures and provide even grid wherever possible. Review deviations from

Install new raceways, boxes, conduit and wiring as required for new lighting fixtures and controls.

control panels. Demolition drawings may not show all existing items.

Remove all unused raceways, boxes, conduit and wiring

electrical boxes that remain.

Emergency Lighting:

a. Drywall Ceiling: if no easily accessible location is available, install relay above grid ceiling in adjacent area
b. Outdoor fixtures: Install relay inside above a grid ceiling or other accessible location
5. Retrofit of XTG fixtures: Re-arrange wiring and existing control to allow emergency fixture operation like for new fixtures. Note that schedules that show number of relays required only account for relays of NEW fixtures.

3. Spaces with electrical panels shall have at least one light be controlled by a manual switch only (no automatic control) per

Size analog 0-10V wiring to limit voltage drop. At 100% position the light fixture shall be 100% bright.

Control fixtures from central inverter or generator. Provide all wiring to emergency power source.

Install UL 924 relay in accessible location near controlled fixture. Verify location with engineer.

Re-wire fixture internals if fixture has integrated sensor or other lighting control.

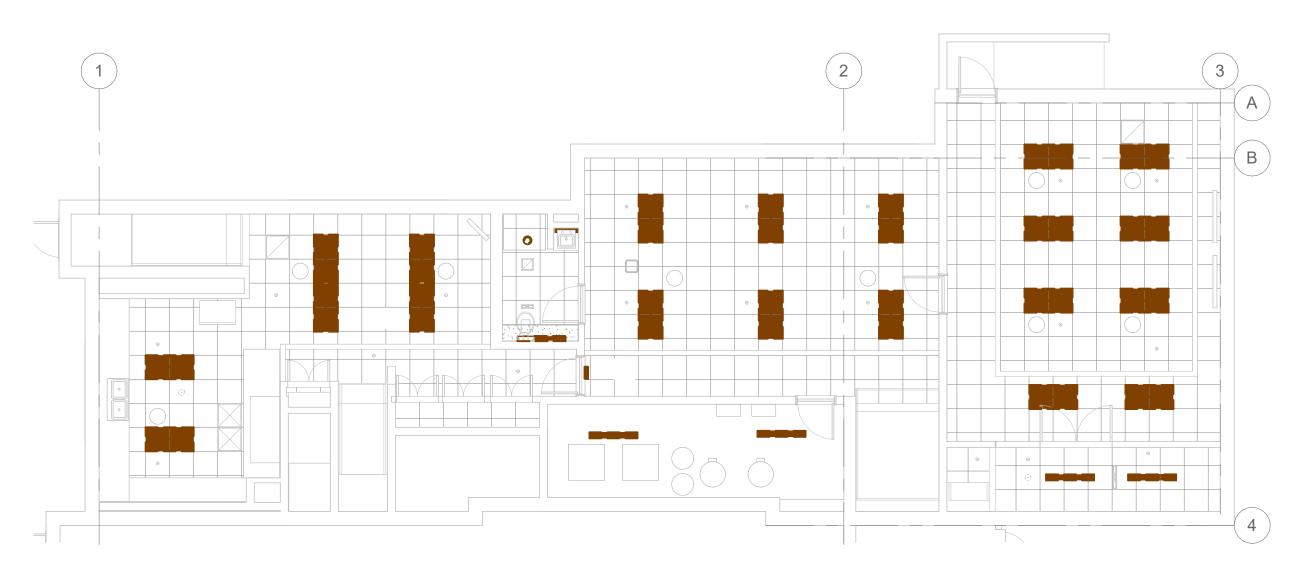
Light fixtures with a black dot indicate emergency lights.

General Lighting

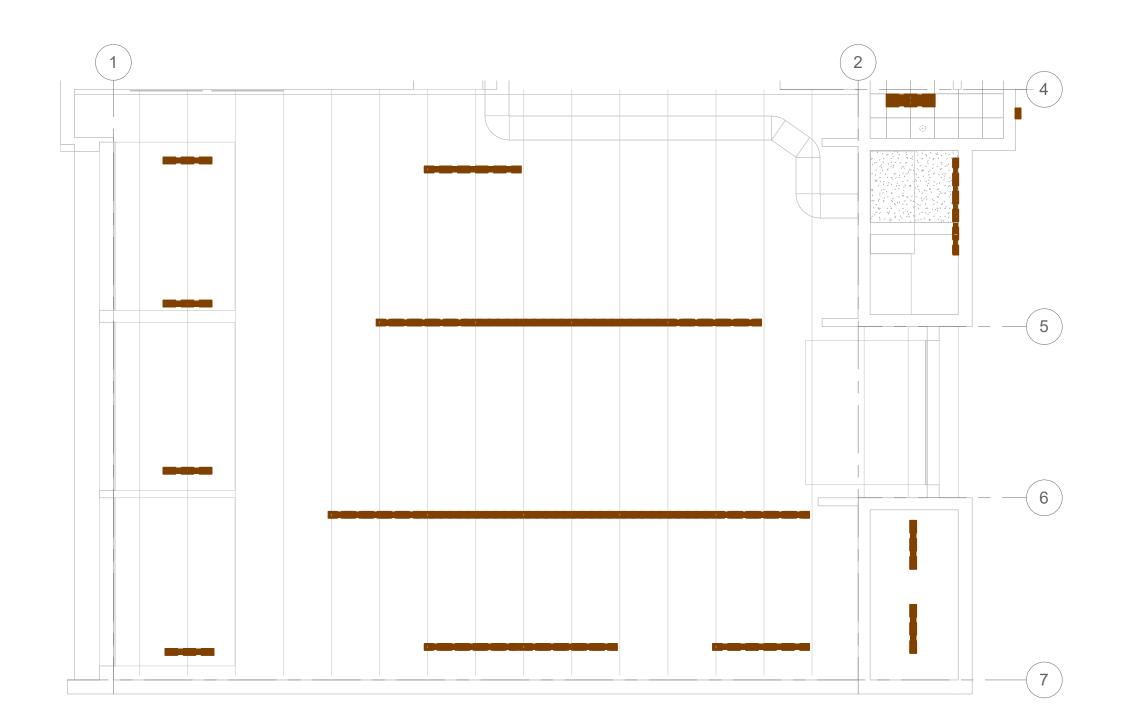
Revisions

EL 001

Print Date: 7/5/2023 15:26:29 Print in color on 24" x 36"



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



2 ED - Level 1 - Garage 1/8" = 1'-0"



3 ED - Level 2 - 2nd Floor 1/8" = 1'-0"

Designed by:
City of Madison
Facilites Management
City-County Building, Room 115
210 Martin Luther King Jr. Boulevard
Madison, WI 53703

Client: Madison Fire Department

> Fire Station 2 Lighting Retrofit (BPW Set)

Location: 421 Grand Canyon Dr. Madison, WI 53719

Contract: 9322 Project: 14530

D. Description

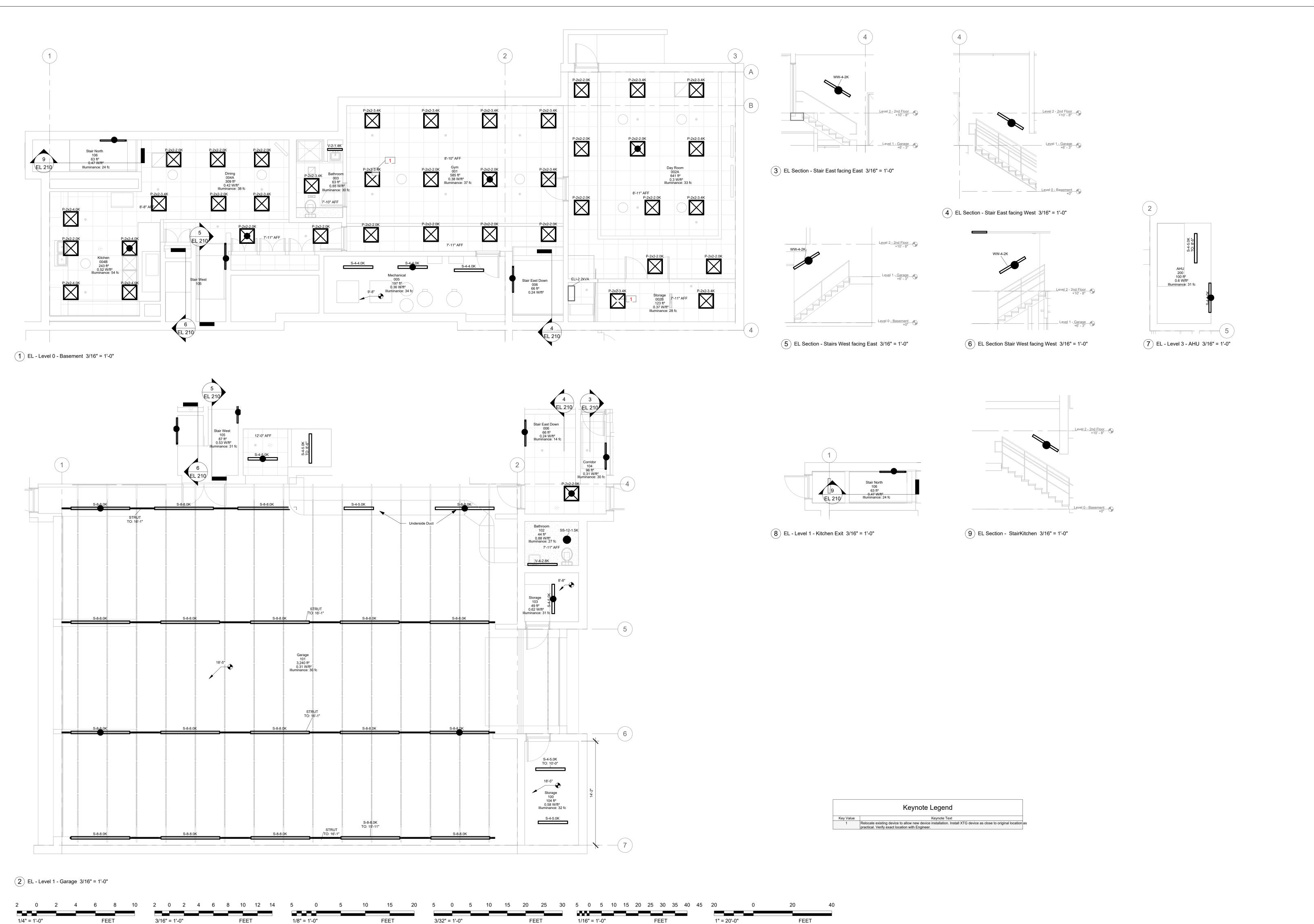
Revisions

Project North TRUE

Demolition

EL 200

Print Date: 7/5/2023 15:26:32 Print in color on 24" x 36"



Designed by:
City of Madison
Facilites Management
City-County Building, Room 115
210 Martin Luther King Jr. Boulevard
Madison, WI 53703

Madison Fire Department

Fire Station 2 Lighting Retrofit (BPW Set)

Location: 421 Grand Canyon Dr. Madison, WI 53719

Contract: 9322 Project: 14530

Revisions

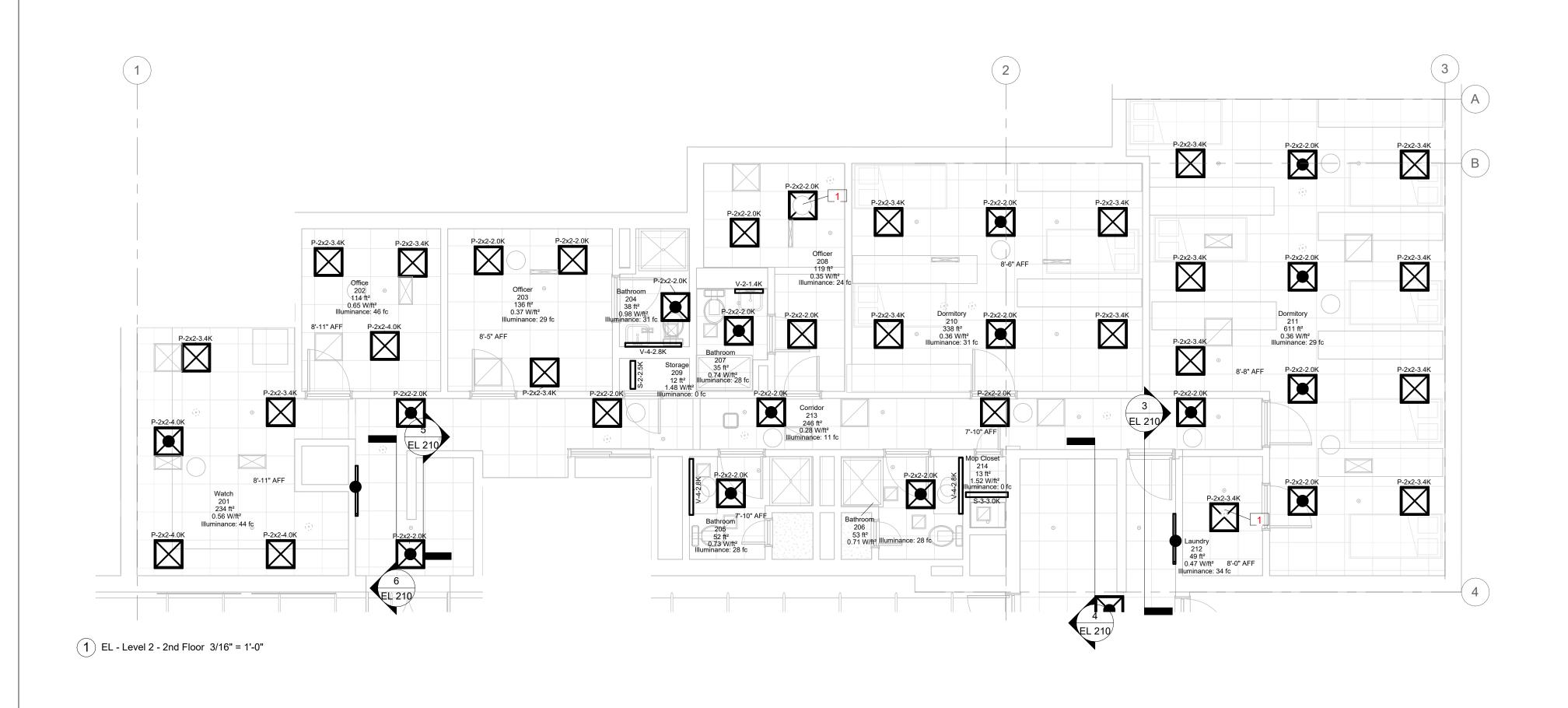
Description

Project North TRUE

Lighting

EL 210

Print Date: 7/5/2023 15:26:33 Print in color on 24" x 36"



3/32" = 1'-0"

FEET

1/16" = 1'-0"

FEET

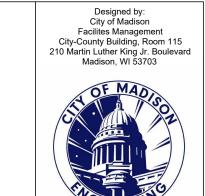
3/16" = 1'-0" FEET

1/8" = 1'-0"

1/4" = 1'-0"

1" = 20'-0"

FEET



| Client: | Madison Fire Department

> Fire Station 2 Lighting Retrofit (BPW Set)

Location: 421 Grand Canyon Dr. Madison, WI 53719

Contract: 9322 Project: 14530

o. Description

Project North TRUE

Liabtina

Lighting

EL 220

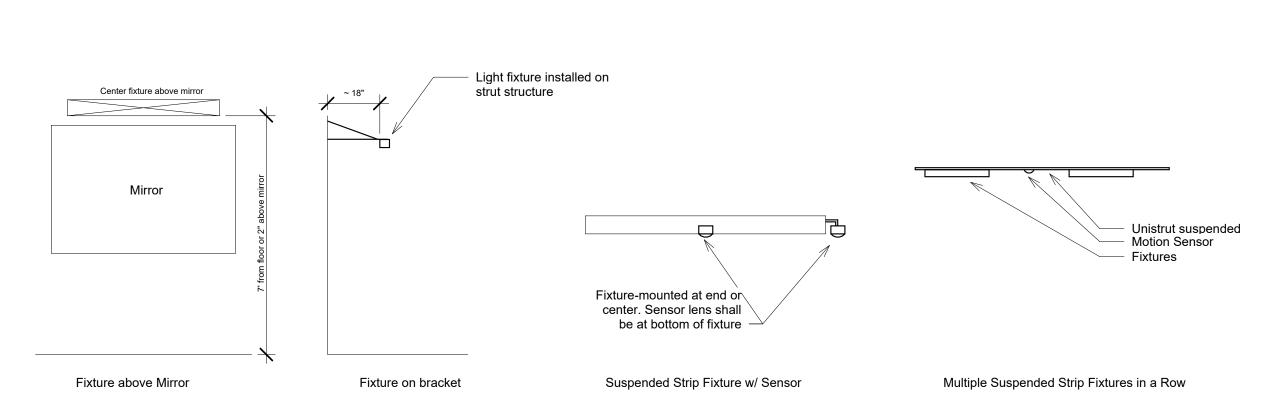
Print Date: 7/5/2023 15:26:34 Print in color on 24" x 36"

				Eı	mergency Lightin	g Inverters						
							Output Rating @ 90				Specific	
Type Mark	Space Number	Space Name	Description	Manufacturer	Model	URL	Minutes	Voltage	Weight	Remark	Remark	Specifications
ELI-2.2kVA	002B	Storage	Emergency Lighting Inverter	Mvers	EM-3-S-B-10-04-T-M(BBM)-I-F	www myersens com	2200 VA	120 V	494 lbf			26 50 00 - Lighting

						Light	ting Fix	ture Scl	nedule						
						Ū	Ū								
												Unified Glare			
			Est.			Apparent	Luminous	Color				Rating (highest			
Type Mark	Type Comments	Description	Count	Model	URL	Power	Flux	Temperature	Efficacy	Lumen Maintenance	Environemntal Rating	value)	Type Remark	Specific Remark	Specification
P-2x2-2.0K	Light Fixture Interior	Panel 2x2	42	Lithonia SPX-2x2-2000LM-80CRI-40K-BFR-LUGR-ZT-MVOLT-WH	www.acuitybrands.com	14 VA	2111 lm	4000 K	151 lm/W	L90 @ 50K hours	IPX5; NSF Splash Zone	16.1	•		26 50 00 - Lighting
P-2x2-3.4K	Light Fixture Interior	Panel 2x2	32	Lithonia SPX-2x2-3400LM-80CRI-40K-BFR-LUGR-ZT-MVOLT-WH	www.acuitybrands.com	23 VA	3438 lm	4000 K	149 lm/W	L90 @ 50K hours	IPX5; NSF Splash Zone	17.8			26 50 00 - Lighting
P-2x2-4.0K	Light Fixture Interior	Panel 2x2	8	Lithonia SPX-2x2-4000LM-80CRI-40K-BFR-LUGR-ZT-MVOLT-WH	www.acuitybrands.com	28 VA	4080 lm	4000 K	146 lm/W	L90 @ 50K hours	IPX5; NSF Splash Zone	18.4			26 50 00 - Lighting
S-2-2.0K	Light Fixture Interior	Strip 2'	1	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	Damp Location	26.2			26 50 00 - Lighting
S-2-2.5K	Light Fixture Interior	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	Damp Location	27			26 50 00 - Lighting
S-3-3.0K	Light Fixture Interior	Strip 3'	1	Lithonia CLX-L36-3000LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	20 VA	3004 lm	4000 K	150 lm/W	L70 @ 100K hours	Damp Location	27.3			26 50 00 - Lighting
S-4-4.0K	Light Fixture Interior	Strip 4'	3	Lithonia CLX-L48-4000LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	24 VA	4090 lm	4000 K	172 lm/W	L70 @ 100K hours	Damp Location	26.3			26 50 00 - Lighting
S-4-5.0K	Light Fixture Interior	Strip 4'	8	Lithonia CLX-L48-5000LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	30 VA	5019 lm	4000 K	166 lm/W	L70 @ 100K hours	Damp Location	27			26 50 00 - Lighting
S-8-8.0K	Light Fixture Interior	Strip 8'	19	Lithonia CLX-L96-8000LM-HEF-RDL-MVOLT-EZ1-40K-80CRI	www.acuitybrands.com	48 VA	8181 lm	4000 K	172 lm/W	L70 @ 100K hours	Damp Location	26.5			26 50 00 - Lighting
SS-12-1.5K	Light Fixture Interior	Slim Surface - Round - Wet Location	1	TGS 88-1215-RW-TM-CC4000K-90CRI	www.trulygreensolutions.com	15 VA	1500 lm	4000 K	100 lm/W	36K hours	IP 44 / Wet Location				26 50 00 - Lighting
V-2-1.4K	Light Fixture Interior	Vanity 4'	2	Birchwood NOL-LED-HLO-40-2-MW-MVOLT-D1-SM	www.birchwoodlighting.com	12 VA	1396 lm	4000 K	118 lm/W	L70 @ 60K hours	Damp Location	0			26 50 00 - Lighting
V-4-2.8K	Light Fixture Interior	Vanity 4'	4	Birchwood NOL-LED-HLO-40-4-MW-MVOLT-D1-SM	www.birchwoodlighting.com	24 VA	2792 lm	4000 K	118 lm/W	L70 @ 60K hours	Damp Location	0			26 50 00 - Lighting

			Lighting Device	Schedule		
Type Mark	Description	Est.	Model	URI	Type Remark	Specification

Light Fixture Support							
Type Mark	Estimated Total Length	Specification					
STRUT	206'	26 05 00 - Common Work Results for Electrical					



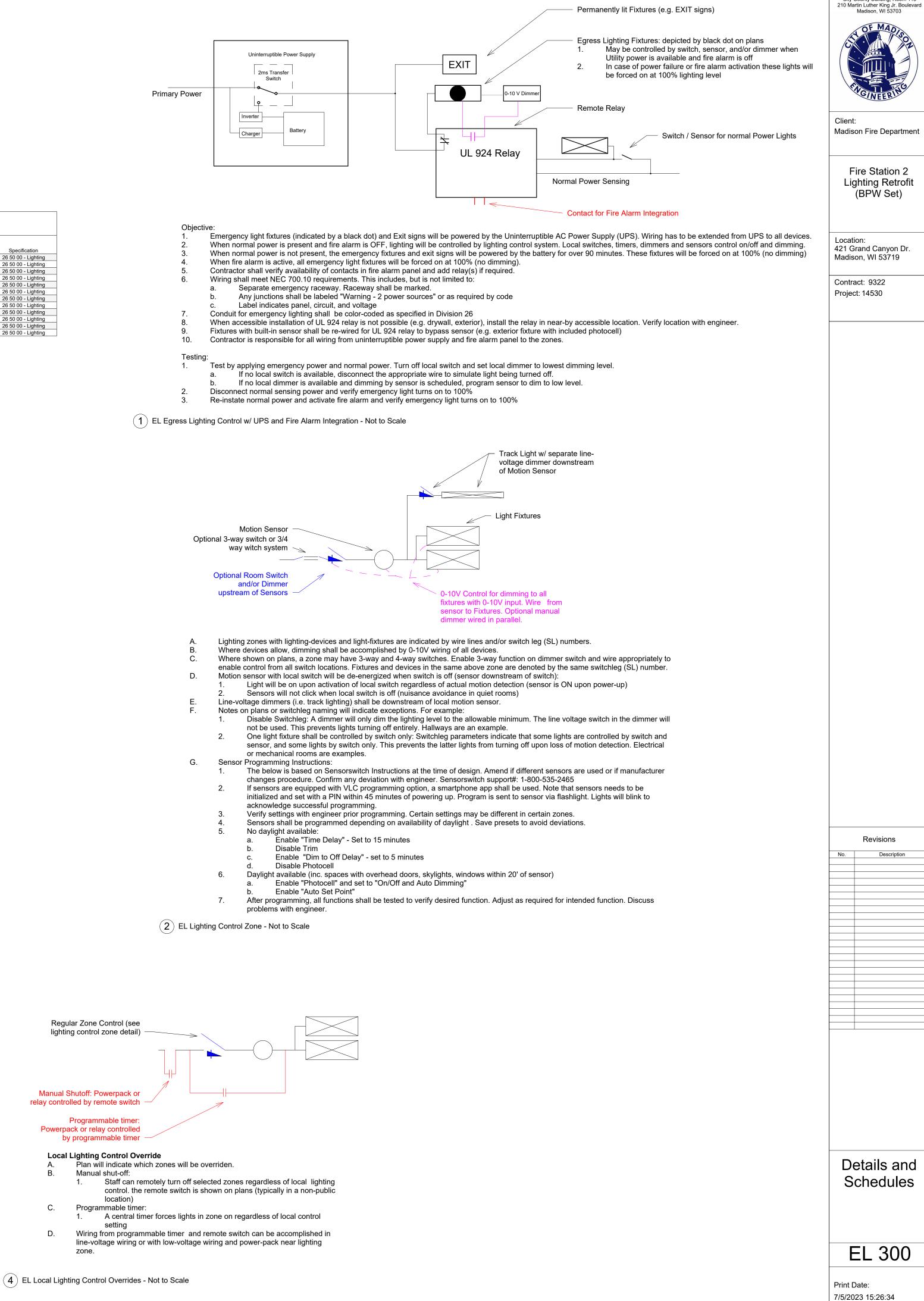


Turn off lights when leaving room empty.

- 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.



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

Print in color on 24" x 36"