

K:\2013\2013030\_00>Loading Dock\Correct Safety Deficiencies at Loading Dock.dwg, 12/11/2014 9:17:34 AM

A

B

C

D

E

F

A

B

C

D

E

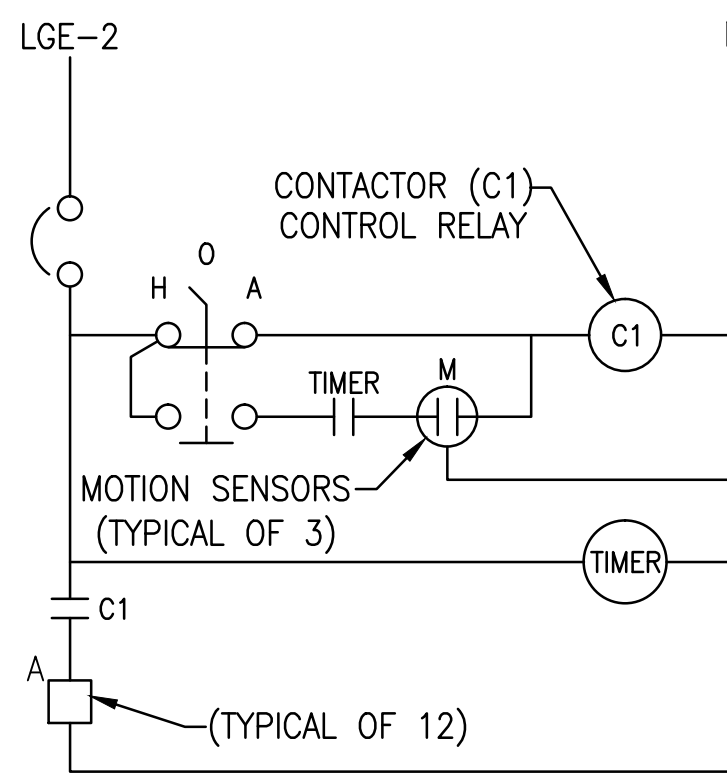
F

CIRCUIT NO.	POWER CABLE				GRD.	PANEL: VOLTAGE:		PANEL "MGE" (EXISTING)				TYPE: SURFACE MOUNT				POWER CABLE				CIRCUIT NO.						
						208/120V 3P 4W		MAINS: 250A MLO																		
	SIZE CONDUIT	NO RUNS	NEUT	PHASE		AMP/TRIP	POLE	KAIC	BRANCH CIRCUIT			AMP	PHASE LOAD (KVA)			BRANCH CIRCUIT			KAIC		POLE	AMP/TRIP	GRD.	PHASE	NEUT	NO RUNS
						DESIGNATION	AMPS	#A	#B	#C	AMPS	DESIGNATION	KAIC													
1									EXISTING CIRCUIT						EXISTING CIRCUIT											2
3																										4
5																										6
7																										8
9																										10
11																										12
13																										14
15																										16
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35																										36
37																										38
39																										40
41																										42

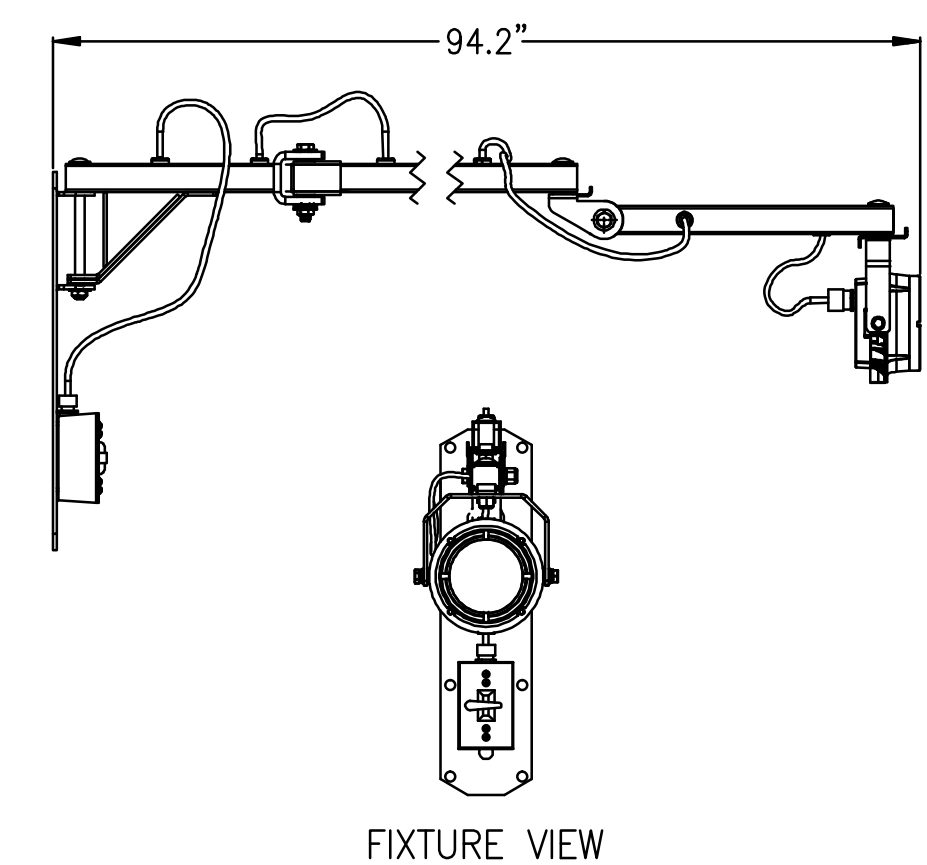
NOTE: CONTRACTOR SHALL PROVIDE NEW PRINTED, DETAILED PANEL SCHEDULES.

CIRCUIT NO.	POWER CABLE				GRD.	PANEL: PANEL "LGE" SECT-1(EXISTING)										TYPE: SURFACE MOUNT										POWER CABLE			
	VOLTAGE: 480/277V 3P 4W					MAINS: 250A MLO																							
	SIZE CONDUIT	NO RUNS	NEUT	PHASE		DEVICE			BRANCH CIRCUIT			PHASE LOAD (KVA)			BRANCH CIRCUIT			DEVICE			PHASE	NEUT	NO RUNS	SIZE CONDUIT	CIRCUIT NO.				
						AMP TRIP	POLE	KAC	DESIGNATION	AMPS	#A	#B	#C	AMPS	DESIGNATION	KAC	POLE	AMP TRIP	GRD.										
1	3/4	1	12	12	12	20	1		DOCK HEATER (IH-1)	10.8				6.0	LOADING DOCK LIGHTS	1	20	12	12	12	1	3/4			2				
3	3/4	1	12	12	12	20	1		DOCK HEATER (IH-2)	10.8				0.5	LOADING DOCK SPOT LIGHTS	1	20	12	12	12	1	3/4			4				
5									EXISTING CIRCUIT						EXISTING CIRCUIT										6				
7									EXISTING CIRCUIT						EXISTING CIRCUIT										8				
9									EXISTING CIRCUIT						EXISTING CIRCUIT										10				
11									EXISTING CIRCUIT						EXISTING CIRCUIT										12				
13									EXISTING CIRCUIT						EXISTING CIRCUIT										14				
15									EXISTING CIRCUIT						EXISTING CIRCUIT										16				
17									EXISTING CIRCUIT						EXISTING CIRCUIT										18				
19									EXISTING CIRCUIT						EXISTING CIRCUIT										20				
21									EXISTING CIRCUIT						EXISTING CIRCUIT										22				
23									EXISTING CIRCUIT						EXISTING CIRCUIT										24				
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31									EXISTING CIRCUIT						EXISTING CIRCUIT										32				
33									EXISTING CIRCUIT						EXISTING CIRCUIT										34				
35									EXISTING CIRCUIT						EXISTING CIRCUIT										36				
37									EXISTING CIRCUIT						EXISTING CIRCUIT										38				
39									EXISTING CIRCUIT						EXISTING CIRCUIT										40				
41									EXISTING CIRCUIT						EXISTING CIRCUIT										42				

NOTE: CONTRACTOR SHALL PROVIDE NEW PRINTED, DETAILED PANEL SCHEDULES.



DOCK LIGHTING CONTROL SCHEMATIC  
NTS



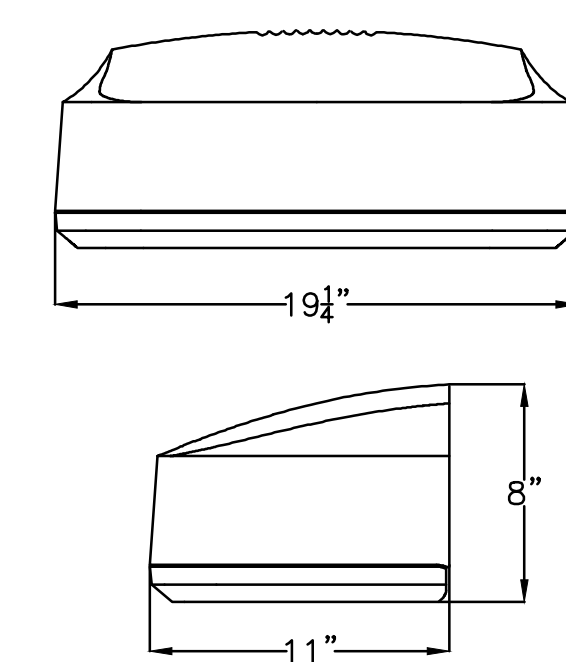
- LUMINAIRE REQUIREMENTS
- MARINE-GRADE CAST ALUMINUM HOUSING.
  - LED LAMP, 885 INITIAL DELIVERED LUMEN OUTPUT.
  - 16W INPUT POWER
  - 40° ANGLE OPTICS
  - 6300K CORRELATED COLOR TEMPERATURE.
  - CLEAR HEAT TREATED GLASS LENS

FIXTURE 'F'  
NTS



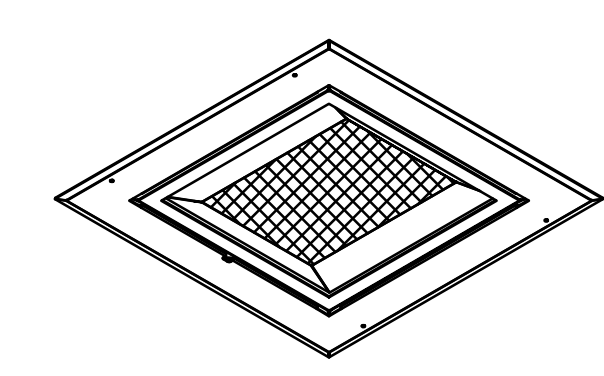
- LUMINAIRE REQUIREMENTS
- DIE-CAST ALUMINUM HOUSING.
  - LED LAMP, 10,680 INITIAL DELIVERED LUMEN OUTPUT.
  - 102W INPUT POWER
  - CRI: 70
  - 5700K CORRELATED COLOR TEMPERATURE.
  - PROVIDE WITH POLE ADAPTER. POLE ADAPTER SHALL MOUNT TO 3"-6" ROUND OR SQUARE POLE.

FIXTURE 'B'  
NTS



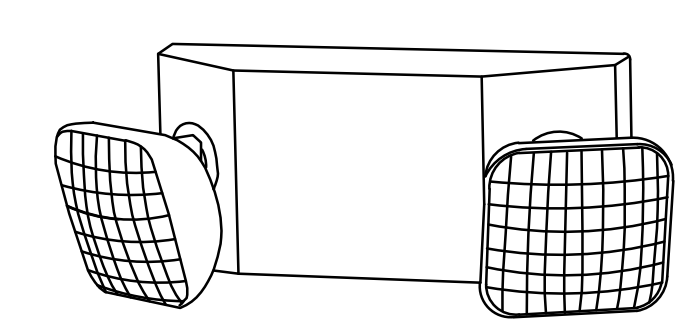
- LUMINAIRE REQUIREMENTS
- ONE-PIECE DIE-CAST ALUMINUM HOUSING.
  - CLEAR TEMPERED OPTICAL-GRADE FLAT GLASS LENS, WIDE THROW OPTICS, PRESSURE STABILIZING BREATHER PREVENTS CYCLING.
  - 28 LED LAMP, 3000 LUMEN DELIVERED LIGHT OUTPUT.
  - 34W INPUT POWER, 120V.
  - CRI: 70
  - 4200K CORRELATED COLOR TEMPERATURE.

FIXTURE 'C'  
NTS



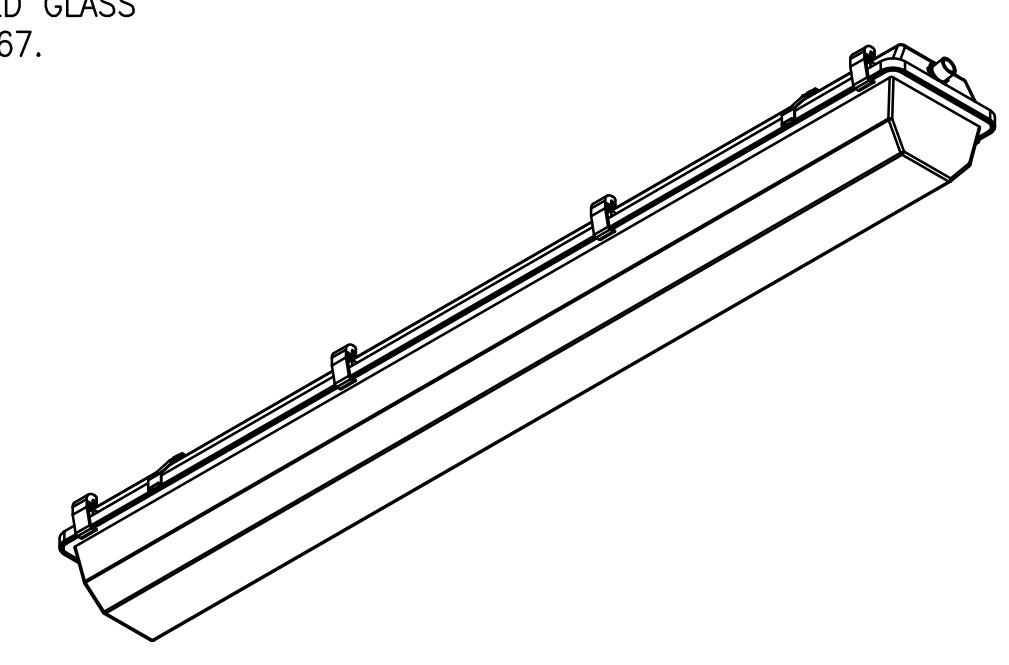
- LUMINAIRE REQUIREMENTS
- DIE-FORMED ALUMINUM HOUSING WITH A GASKETED CLEAR TEMPERED GLASS LENS PROVIDING A WATER-RESISTANT SEAL. OPTICAL UNIT RATED IP67.
  - HIGH-BRIGHTNESS LEDs, 5000°K COLOR TEMPERATURE, 69 CRI.
  - TYPE (S) SYMMETRIC DISTRIBUTION.
  - DIRECT MOUNTS WITH SCREWS THROUGH TRIM FRAME.
  - U.L. LISTED FOR DRY OR DAMP LOCATIONS. CSA CERTIFIED.

FIXTURE 'A'  
NTS

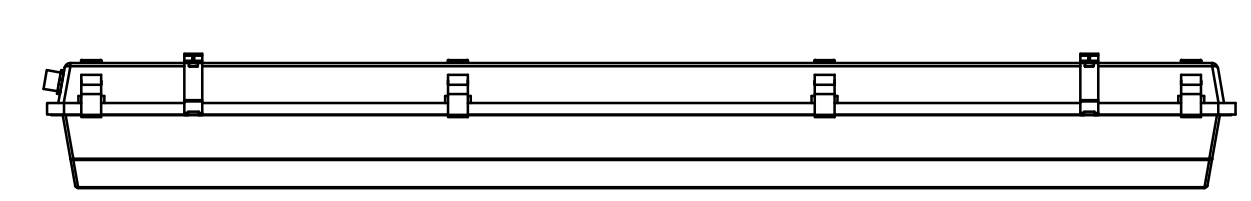


- LUMINAIRE REQUIREMENTS
- INJECTION MOLDED 5VA FLAME RETARDANT, HIGH-IMPACT RESISTANT THERMOPLASTIC HOUSING.
  - ULTRA-BRIGHT WHITE LED LAMP HEADS
  - 3.6V LONG-LIFE, MAINTENANCE FREE, RECHARGEABLE NiCd BATTERY
  - SELF-DIAGNOSTIC TESTING

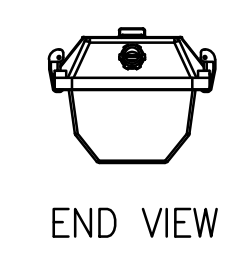
FIXTURE 'EM'  
NTS



PERSPECTIVE VIEW



SIDE VIEW



END VIEW

- LUMINAIRE REQUIREMENTS
- IMPACT RESISTANT, REINFORCED POLYESTER, FIBERGLASS HOUSING. IP65, VAPORTIGHT DESIGN.
  - IMPACT RESISTANT CLEAR ACRYLIC LENS SECURED BY 8 LATCHES.
  - 89W LED ARRAY, 7721 LUMENS, 4100°K COLOR TEMPERATUTE, 80 CRI.
  - ALL PARTS PAINTED AFTER FABRICATION FOLLOWING TREATMENT WITH PHOSPHATE RUST INHIBITOR.
  - DESIGNED FOR STANDARD SURFACE MOUNTING.
  - U.L. LISTED FOR WET LOCATIONS.

FIXTURE 'D'  
NTS

FINAL SUBMISSION

CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title <b>ELECTRICAL LEGEND SCHEDULES &amp; DETAILS</b>		Project Title <b>CORRECT SAFETY DEFICIENCIES AT LOADING DOCK JAMES PETERS MEDICAL CENTER, BRONX, NY</b>		Project Number <b>526-13-108</b>		Office of Construction and Facilities Management  Department of Veterans Affairs			
				Approved Project Director		Location		Building Number N/A					
Revisions:						Date 11/07/2014		Checked R.DELOACH				Drawn J.POPE	
Date										Drawing Number <b>EL501</b>		Dwg. 35 of 38	