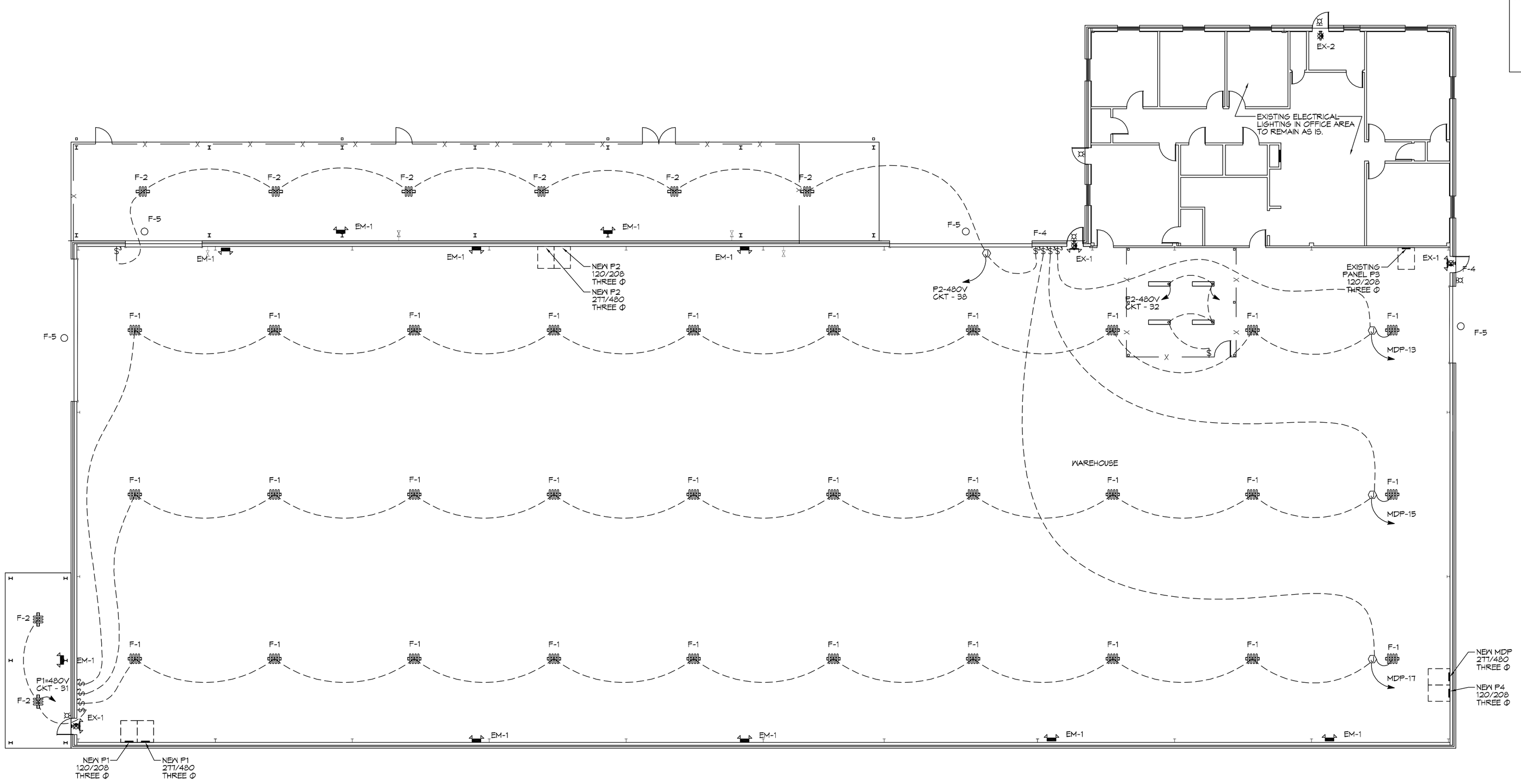
LIGHTING FIXTURE SCHEDULE

EXAMPLE	LABEL	DESCRIPTION	MANUFACTURER PRODUCT #	QTY	REMARKS
	F-1	HIGH BAY LED FIXTURE	ALBEO LED LUMINAIRE ABH2-0-4-V-57-1-N-23-K-N-W	30	REPLACE EXISTING FIXTURE. RE-WIRE TO MDP.
	F-2	HIGH BAY LED FIXTURE	ALBEO LED LUMINAIRE ABH2-0-3-V-57-1-N-23-K-N-W	8	
	F-3	LED 1X4 FIXTURE	LITHONIA LBL4 LP840	4	
	F-4	EXISTING EXTERIOR LIGHT FIXTURE W/ PHOTO CELL		4	INSPECT/TEST REPAIR/REPLACE AS NECESSARY. RE-WIRE TO CLOSEST 120V PANEL.
	F-5	EXISTING EXTERIOR LIGHT FIXTURE W/ PHOTO CELL		4	INSPECT/TEST REPAIR/REPLACE AS NECESSARY. RE-WIRE TO CLOSEST 120V PANEL.
	EM-1	EMERGENCY LIGHT FIXTURE	LITHONIA LIGHTING ELM2 LED	10	WIRE TO CLOSEST 480V PANEL.
	EX-1	EXISTING EXIT LIGHT FIXTURE WITH EMERGENCY LIGHTS		3	INSPECT/TEST REPAIR/REPLACE AS NECESSARY. RE-WIRE TO CLOSEST 120V PANEL.
	EX-2	EXISTING EXIT LIGHT FIXTURE		1	INSPECT/TEST REPAIR/REPLACE AS NECESSARY.

LIGHTING NOTES

1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
2. GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ENGINEER.
3. WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICIAN SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
4. ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
5. ALL CONDUCTORS SHALL BE COPPER.
6. WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
7. MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
8. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
9. EACH DIMMER SWITCH SHALL HAVE A WATTAGE RATING 25% HIGHER THAN THE TOTAL WATTAGE OF AL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, AND 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT AND LOW VOLTAGE DIMMERS HAL LBE LUTRON NOVA T-STAR.
10. WHERE LED FIXTURES/LAMPS ARE SHOWN TO BE DIMMED, THE DIMMER SHALL BE COMPATIBLE WITH THE FIXTURE/LAMP SPECIFIED OR PROVIDED.
11. ALL EMERGENCY LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
12. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73G.
14. MINIMUM SIZE CONDUIT SHALL BE ¾" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE. ¾" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE. MINIMUM 1" SCHEDULE 40 PVC FOR CONDUITS BELOW GRADE, BURY A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS. EMT SHALL BE USED WITH METAL STUD CONSTRUCTION. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).



1 ELECTRICAL LIGHTING PLAN
SCALE: 3/32" = 1'-0"

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#	DESCRIPTION	DATE

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JOB No:	2293	DATE:	01-17-17
DRAWN BY:	JT/DD	CHECKED BY:	GKD

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SHEET TITLE:
ELECTRICAL LIGHTING PLAN

DRAWING NUMBER:
E102

SHEET No: 10 of 11

FILE NAME: J:\+_INDUSTRIAL SITES\2293 - Alliance Laser\Drawings\Current Drawings\E102-Electrical Lighting Plan.dwg BLUE DATE & TIME: Wednesday, February 22, 2017 3:29:59 PM