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Revision

Project Number	11 019
Sheet Title	LIGHTING PLAN
Date	12/09/2011
Sheet No.	E2.1

- GENERAL NOTES:**
- ALL 277V CIRCUITS LONGER THAN 200' SHALL BE #10 AWG.
 - EXIT SIGN SHALL BE CONNECTED TO AN UNSWITCHED HOT CONDUCTOR.
 - EMERGENCY AND NORMAL POWER CIRCUITING SHALL BE ROUTED IN SEPARATE CONDUITS PER NEC.

- KEYED NOTES:**
- CONNECT TO EXISTING CIRCUIT FEEDING EXTERIOR WALLPACKS.
 - PROVIDE AND PULL AN UNSWITCHED HOT CONDUCTOR FOR CONNECTION OF EMERGENCY BATTERY BALLAST TO EXISTING CIRCUITING.
 - CONNECT TO EXISTING EMERGENCY POWER CIRCUITS. CIRCUIT TO LIGHT FIXTURES SHALL BE ROUTED TO EXISTING 1P20A SOLENOID CONTROLLED BREAKER FEEDING ROOM LIGHTING. CIRCUIT TO EXIT SIGN SHALL BE ROUTED TO 1P20A EXISTING BREAKER.
 - CONNECT TO EXISTING NORMAL POWER CIRCUIT.
 - EXISTING HOMERUN.
 - REPLACE EXISTING BREAKER IN PANEL "EH1" FEEDING EXISTING EXTERIOR LIGHTING WITH NEW BREAKER. NEW BREAKER SHALL BE 2P20A WITH TWO OUTPUT TERMINALS. ONE TERMINAL SHALL BE SOLENOID OPERATED AND SHALL CONTROL EXTERIOR LIGHTING. THE OTHER TERMINAL SHALL PROVIDE CONSTANT UNSWITCHED POWER TO EMERGENCY LIGHT BATTERY PACK. NEW BREAKER SHALL MATCH AIC RATING OF EXISTING BREAKERS.

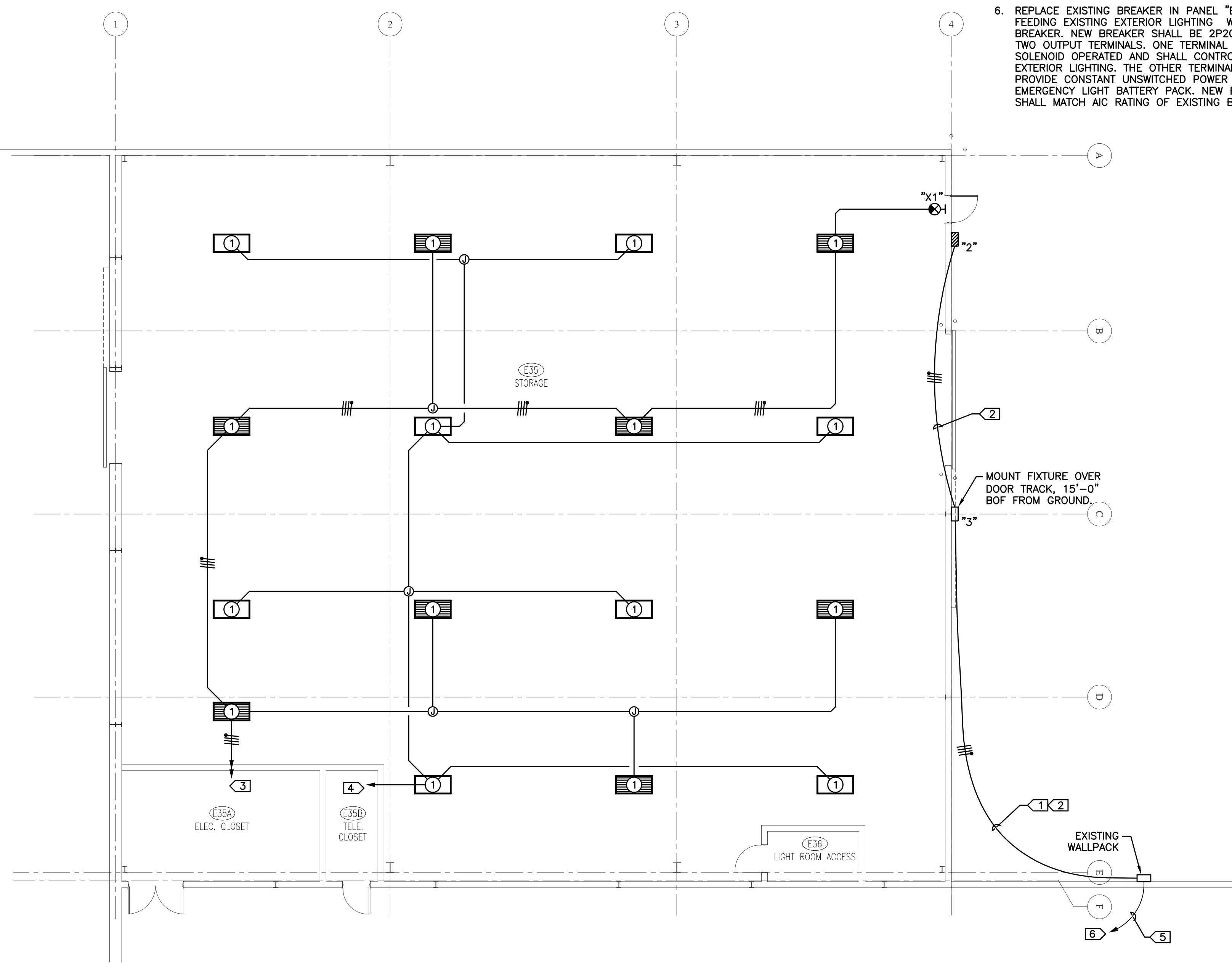
LIGHTING FIXTURE SCHEDULE					
FIXTURE TYPE	DESCRIPTION	VOLTAGE	MOUNTING	LAMPS (G.E. NUMBER)	NOTES
1	6 LAMP 54W T5HO FLUORESCENT HIGH BAY LITHONIA# FGB24 6 54T5HO B1X20 A12125WG MVOLT 2/3 GEB10PS	120/277	SUSPEND 1'-0" BELOW CEILING	6 - F54W/T5/835/ECO	
2	2 LAMP 42W COMPACT FLUORESCENT WALLPACK LITHONIA# WSR 2/42 TRT MD MVOLT **	120/277	WALL MOUNT	2 - F42TBX/841/A/ECO	*1,2,*3
3	175W METAL HALIDE WALL PACK LITHONIA# WSR 175M FT 277 **	120/277	WALL MOUNT	1 - MVR175U/MED	*2,*3
X1	LED EXIT SIGN, WHITE HOUSING, RED LETTERS LITHONIA# LQM S W R 120/277 EL N SD	120/277	UNIVERSAL	LED'S PROVIDED	

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

- ALL FLUORESCENT BALLASTS SHALL BE ELECTRONIC, UNO.
- A SINGLE BALLAST SHALL BE PROVIDED FOR EACH FIXTURE, UNO.
- ALL ELECTRONIC BALLASTS SHALL OPERATE AT NOT MORE THAN 10% TOTAL HARMONIC DISTORTION (THD).
- ALL ELECTRONIC BALLASTS SHALL HAVE A NOMINAL BALLAST FACTOR OF 0.875 OR GREATER.
- ALL BALLASTS (FLUORESCENT & HID) SHALL BE HIGH POWER FACTOR.
- ALL COMPACT FLUORESCENT BALLASTS SHALL BE PROVIDED WITH "END OF LIFE" SHUTDOWN PROTECTION.

LIGHTING FIXTURE SCHEDULE KEYED NOTES:

- WHERE FIXTURES ARE SHOWN HATCHED ON THE PLANS, PROVIDE A FACTORY INSTALLED COLD WEATHER EMERGENCY BACKUP BALLAST HAVING NOT LESS THAN 850 LUMEN OUTPUT AND HIGH TEMPERATURE BATTERIES. BODINE #B40CF1 OR APPROVED EQUAL.
- COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT.
- COORDINATE EXACT CUSTOM COLOR WITH ARCHITECT.



NORTH
1 | LIGHTING PLAN
 1/8"=1'-0"