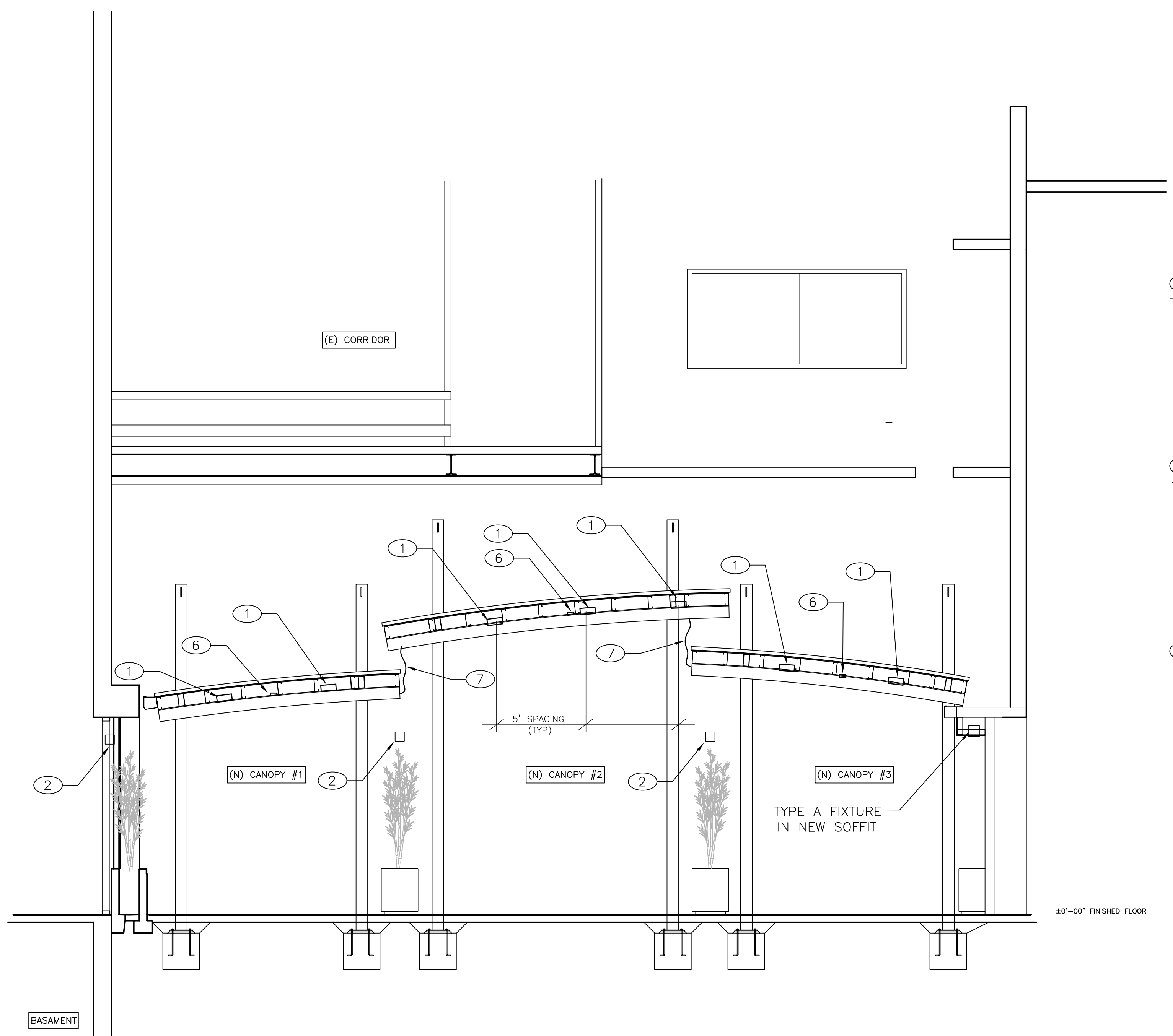
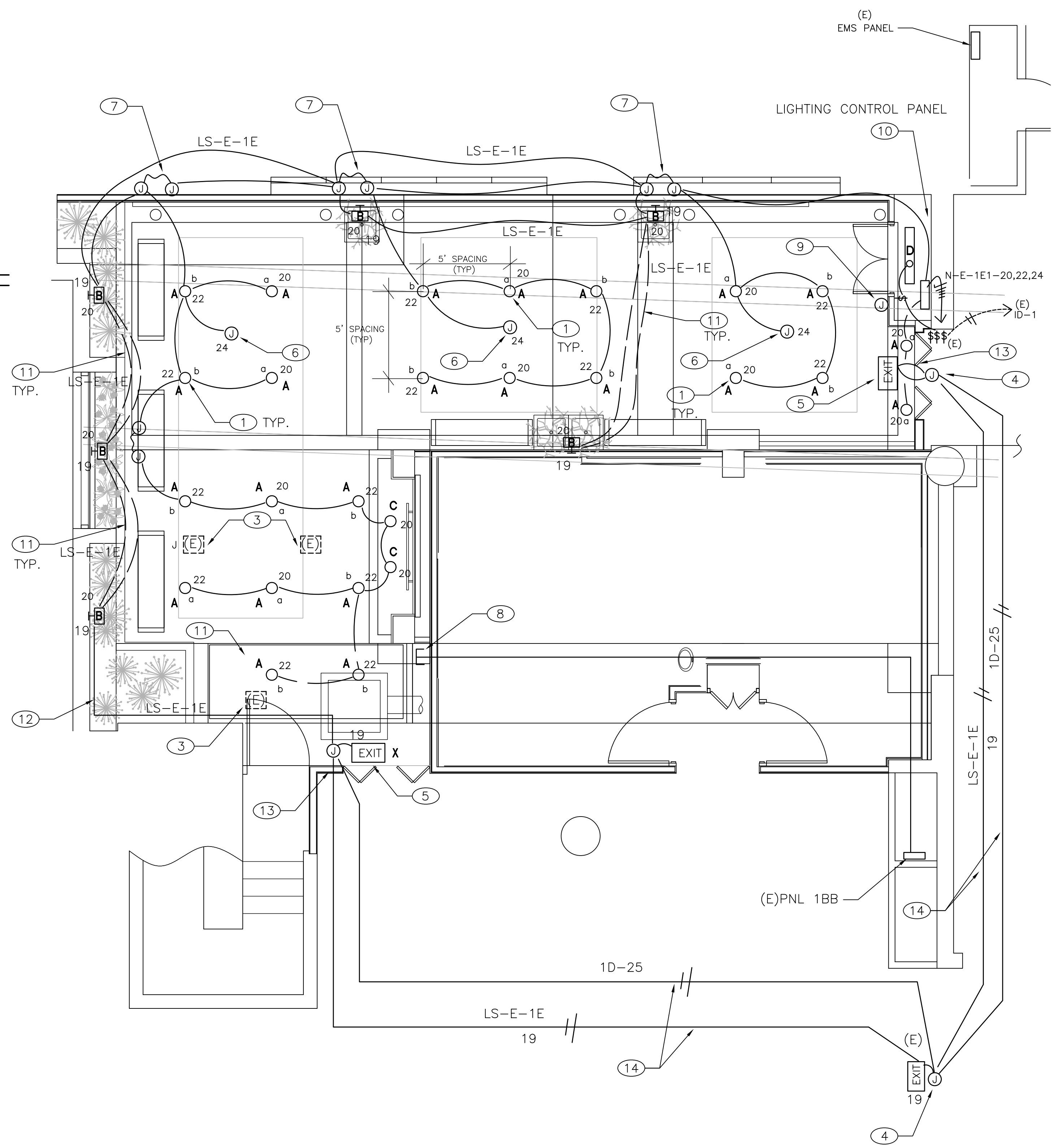


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



ELEVATION DETAIL
SCALE: 1/4"=1'-0"



LIGHTING PLAN
SCALE: 1/4"=1'-0"

SHEET NOTES

- APPROXIMATE LOCATION FOR NEW RECESSED LED LIGHT FIXTURE IN CANOPY.
- APPROXIMATE LOCATION FOR NEW SURFACE WALL LIGHT FIXTURE. PROVIDE EMERGENCY CIRCUIT FOR EGRESS PATH LIGHTING PER PLANS.
- REMOVE EXISTING LIGHT FIXTURE AND ASSOCIATED WIRING. REUSE EXISTING LIGHTING BRANCH CIRCUIT FOR NEW LIGHT FIXTURES PER PLANS.
- EXTEND EXISTING LIGHTING BRANCH CIRCUIT TO NEW EXIT SIGN PER PLANS. NORMAL POWER AND EMERGENCY 'LSB' CIRCUITS.
- PROVIDE NEW LED EXIT SIGN AND CONNECT TO EXISTING EXIT SIGN PER PLANS.
- PROVIDE J-BOX AND SUPPORT BLOCK FOR FUTUR CEILING FAN INSTALLATION. PULL BACK 2#12 PLUS GROUND CONDUCTORS TO EXISTING PANEL 1BB POWER CONNECTION.
- PROVIDE J-BOX AND FLEX WP CONDUIT FOR WIRING BETWEEN CANOPY STRUCTURES. SEE ELEVATION DETAIL.
- EXISTING CONDUIT STUB OUT FROM (E) PANEL 1BB UNDER LOBBY REMODEL PROJECT. FIELD VERIFY LOCATION.
- PROVIDE 2 GANG WP J-BOX WITH BLANK COVER PLATE FOR FUTURE CEILING FANS CONTROL SWITCHES.
- PROVIDE NEMA3R TC WITH PLYWOOD BKBD AND DRY CONTACT RELAYS FOR LIGHTING CONTROL AND INTERFACE WITH EXISTING EMS SYSTEM. PAINT EXPOSED CONDUITS AND PULL CAN TO MATCH WALL COLOR. SEE DETAIL 1/E-610.
- NEW UNDERGROUND CONDUITS. SEE DETAIL 2/E-610.
- NEW SURFACE CONDUIT ON WALL. PAINT TO MATCH WALL COLOR.
- CORE DRILL AND SEAL EXTERIOR WALL FOR NEW CONDUIT INSTALLATION.
- NEW CONDUITS AND WIRING PENDANT MOUNTED IN EXISTING CEILING CAVITY. PROVIDE HANGING BRACKET.

ELECTRICAL GENERAL NOTES

- ELECTRICAL CONTRACTOR SHALL APPRISE HIMSELF OF ALL EXISTING CONDITIONS AT SITE WHICH INCLUDING OVERHEAD AND UNDERGROUND UTILITY SERVICE SUCH AS POWER, TELEPHONE, CATV, GAS, WATER AND SEWER. PROVIDE MINIMUM WORKING CLEARANCE PER UTILITY COMPANY REQUIREMENT BEFORE STARTING WORK.
- ELECTRICAL CONTRACTOR SHALL ARRANGE A MEETING WITH LOW VOLTAGE CONTRACTORS (FIRE, SECURITY, TELEPHONE, COMPUTER AND CATV). REVIEW THEIR EQUIPMENT AND DRAWINGS, INCLUDING ALL ELECTRICAL REQUIREMENT IN HIS SCOPE OF WORK PRIOR TO BID.
- CIRCUIT BREAKERS USED TO SWITCH FLUORESCENT FIXTURES TO BE APPROVED FOR SWITCHING DUTY AND SWD TYPE.
- PROVIDE MINIMUM 36" WORK CLEARANCE IN FRONT AND 30" WIDE WORK SPACE FOR SERVICE / PANEL / EQUIPMENT.
- ALL EQUIPMENT TO HAVE TESTING LABORATORY LABEL ATTACHED. (UL, OSA, ...)
- GROUND ALL ELECTRICAL EQUIPMENT AS PER TITLE 24 AND CALIFORNIA ELECTRICAL CODE (CEC), SECTION 250-50.
- FLUORESCENT BALLASTS SHALL MEET THE CERTIFICATION REQUIREMENTS OF ARTICLE 2-5314 (A) OF CALIFORNIA ENERGY STANDARDS, TITLE 24.
- SURFACE MOUNTED FIXTURES SHALL BE SECURED TO BLDG. STRUCTURE. NO TOGGLE BOLTS SHALL BE ALLOWED.
- PENETRATIONS OF FIRE RATED WALLS, CEILINGS OR FLOOR SHALL COMPLY WITH UBC REQUIREMENTS.
- ALL WIRING SHALL BE INSTALLED IN CONDUIT RACEWAY. PVC SCH. 40 CONDUIT BELOW GRADE. EMT CONDUIT CONCEAL IN WALL AND ABOVE CEILING. RIGID STEEL CONDUIT ON EXTERIOR WALL OR ROOF.
- THE LOCATION AND ROUTE OF CONDUITS AND RACEWAYS IN ALL ELECTRICAL DRAWINGS IN THESE SET OF DOCUMENT ARE SCHEMATIC. ALL CONDUIT RACEWAYS SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO THE BUILDING STRUCTURE WITH THE MINIMUM LENGTH AS POSSIBLE.

U.S.A. - UNDERGROUND SERVICE ALERT CALL BEFORE YOU DIG: 1-800-642-2444

THE LOCATION OF EXISTING UNDERGROUND UTILITIES WERE TAKEN FROM SOURCES BELIEVED TO BE RELIABLE. HOWEVER, THEY HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THIS ENGINEER. THE CONTRACTORS SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTIFY OWNER 72 HOURS PRIOR
TO ANY EXCAVATION

CODE RULES AND REGULATIONS

ALL WORK AND MATERIAL SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE STATE FIRE MARSHAL, THE CALIFORNIA ELECTRICAL CODE, THE SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY AND OTHER APPLICABLE STATE LAWS OR REGULATIONS. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR OTHERS APPLICABLE TO THIS SUBJECT. NEC 2010, NFPA 2007, STATE OF CALIFORNIA ENERGY CONSERVATION REGULATION, TITLE 24 2009.

100% SUBMITTAL - FOR CONSTRUCTION

CONSULTANTS: CONSULTING ENGINEERS JOHN CHONG ENGINEERING jcengineer@aol.com (559) 925-9988 • FAX 559-9401 2227 E. DECATUR AVE., FRESNO CA 93710		ARCHITECT/ENGINEERS: PAULI ENGINEERING, INC. 944 N. VAN NESS AVE., FRESNO, CA 93728 PH: (559)237-4408 - FAX: (559)237-4409 E-MAIL: pauliengineering@sbcglobal.net www.pauliengineering.com		Drawing Title LIGHTING PLAN		Project Title CANOPIES AT ATRIUM WITH FLAT WORK IMPROVEMENTS		Project Number 570-11-123		Office of Construction and Facilities Management Department of Veterans Affairs	
Revisions		Approved Project Director		Location 2615 E. Clinton Ave, Fresno, CA		Building Number Building 1		Drawing Number E110			
Date				Date 05-07-2012		Checked		Drawn			