



COMcheck Software Version 4.0.2.3 Interior Lighting Compliance Certificate

Project Information

Energy Code: 2012 IECC
Project Title: MICA ANNEX BLDG
Alteration

Construction Site: 116 - 118 W. Lanvale Street
Third Floor
Baltimore, MD 21217

Owner/Agent:

Designer/Contractor: Arrium AE, LLC
5537 Twin Knolls Road
Suite 433
Columbia, MD 21045
(410) 735-2300
info@arriumae.com

Allowed Interior Lighting Power

Table with columns A Area Category, B Floor Area (ft2), C Allowed Watts / ft2, D Allowed Watts (B X C). Row 1: 1-Open Office (Common Space Types-Office - Open plan) 956 1 956

Proposed Interior Lighting Power

Table with columns A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast, B Lamps/ Fixture, C # of Fixtures (B X D), D Watt. (C X D). Row 1: 1 LED 1: Other 1 11 69 663

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application.

Name - Title Signature Date

Project Title: MICA ANNEX BLDG
Data Filename: L:\MILV-116 & 118 W Lanvale St, Baltimore MD\MLV 3F16\MLV 3F16 - CD's\Current Drawings\ME\ELEC\MLV-3F16.cck Report date: 05/05/16 Page 1 of 6

LIGHTING FIXTURE SCHEDULE NOTES:

- 1. MANUFACTURER AND MODEL NUMBERS ARE LISTED FOR REFERENCE ONLY AND ARE PROVIDED AS A BASIS OF DESIGN. CONTRACTOR SHALL COMPETITIVELY BID ALL LIGHTING FIXTURES PER THE REQUIREMENTS SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE. ALL LED FIXTURES SHALL BE PROVIDED AND BID WITH 0-10V LED DIMMING DRIVERS ONLY, NOT FIXED OUTPUT OR STEPPED DIMMING.
2. MODEL NUMBERS LISTED ARE FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY CORRECT MODEL NUMBER WITH MANUFACTURER AND/OR DISTRIBUTOR PRIOR TO ORDERING.
3. CONTRACTOR SHALL CONFIRM VOLTAGE, LAMPING, BALLAST CHARACTERISTICS, FIXTURE DETAILS, INSTALLATION TYPE, FINISHES, ETC. WITH SPECIFICATIONS DEFINED IN LIGHTING FIXTURE SCHEDULE PRIOR TO ORDERING AND INSTALLATION. CONTRACTOR SHALL EXAMINE EXISTING CONDITIONS PRIOR TO ORDERING OF LIGHTING FIXTURES TO ENSURE THAT SPECIFIED LIGHTING FIXTURES ARE FULLY COMPLIANT WITH EXISTING CONDITIONS. IF ANY MODIFICATIONS TO SPECIFICATIONS ARE REQUIRED, CONTRACTOR SHALL NOTIFY ENGINEER OF EXISTING CONDITIONS AND SUBMIT MODIFIED LIGHTING FIXTURE SELECTION THAT SHALL MEET OR EXCEED REQUIREMENTS.
4. WHERE LIGHTING FIXTURE SCHEDULE INDICATES FOR CONTRACTOR TO MATCH BUILDING STANDARD, CONTRACTOR SHALL MATCH BUILDING STANDARD AS LONG AS EXISTING FIXTURES ARE LIKE-TYPE FIXTURES.
5. PROVIDE ADEQUATE AMOUNT OF LIGHTING FIXTURES AS REQUIRED TO SPAN ENTIRE LENGTH OF COVE. CONTRACTOR SHALL CONFIRM LENGTH OF COVE AND LENGTH OF COVE LIGHTING FIXTURES IN FIELD PRIOR TO ORDERING.
6. FOR EXACT LOCATIONS AND DIMENSIONS FOR INSTALLATION OF LIGHTING FIXTURES, REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, FLOOR PLANS AND ELEVATIONS.
7. PROVIDE ACCESS PANELS AS NEEDED FOR MAINTENANCE OF RECESSED LIGHTING FIXTURES WHERE ALL COMPONENTS ARE NOT ACCESSIBLE FROM BELOW.

LIGHTING FIXTURE SCHEDULE table with columns SYM, MFGR, CATALOG NO., CKT. VOLTS, LAMPS (NO., TYPE, WATTS), MOUNTING, REMARKS. Rows include Pinnacle Architectural Lighting, LSI Industries Inc. LTEM WH, and LSI Industries Inc. EX G U WB WH.

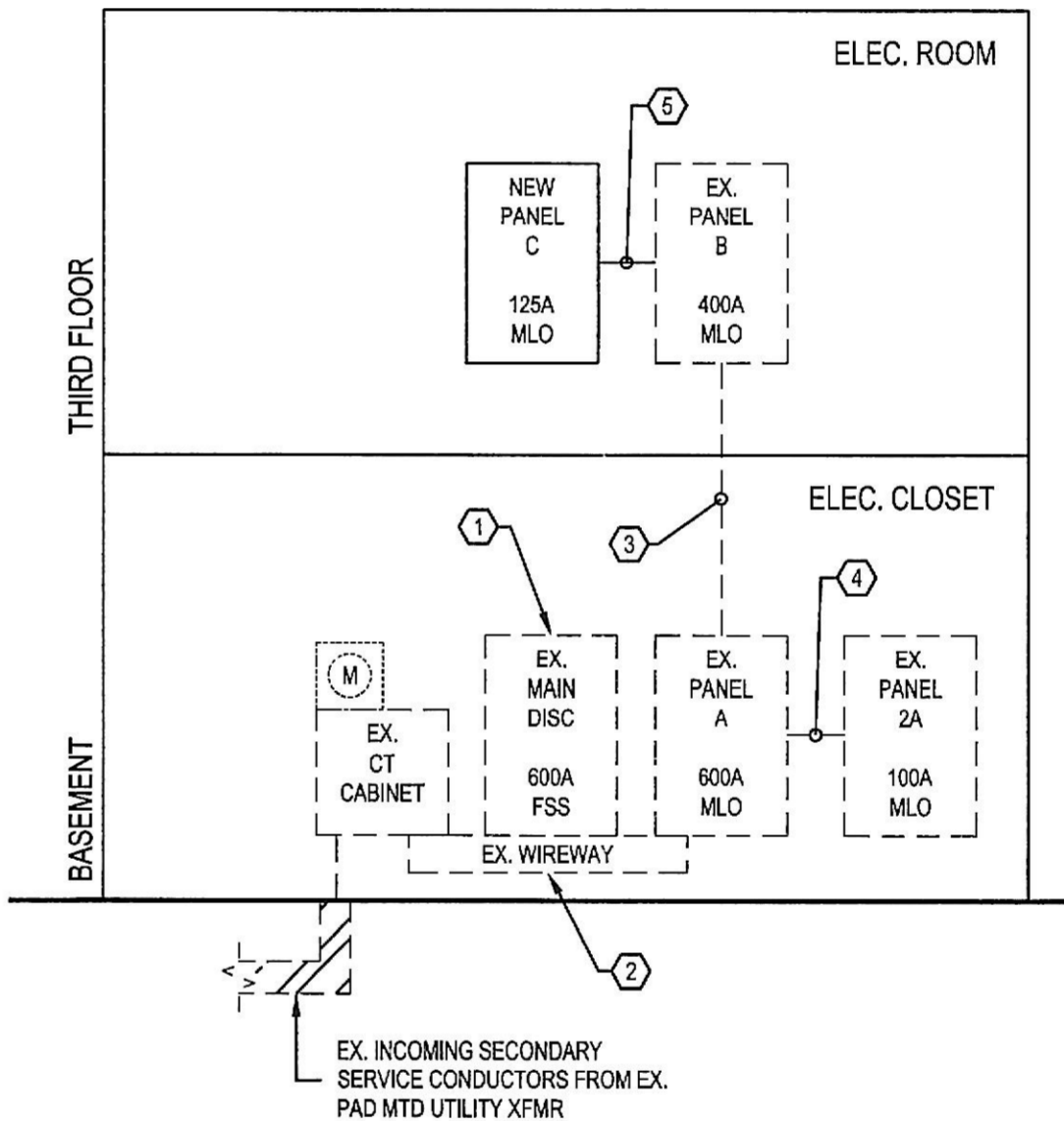
EX. PANEL B table showing Load Description, Load-Watts, Circuit Breaker, Phasing, and Load Description. Includes sub-tables for Connected Load, Demand Load, and Panel Specifications.

PANELBOARD NOTES:

- 1. BOLD TEXT INDICATES NEW CIRCUITS OR DEVICES IN AN EXISTING PANELBOARD. NEW CIRCUIT BREAKERS SHALL BE FULLY COMPATIBLE WITH EXISTING PANELBOARD.
2. LOADS REFLECTED ON EXISTING PANELBOARD SCHEDULES REPRESENT NEW CIRCUITS FED FROM PANEL AS A RESULT OF THE RENOVATION. EXISTING LOADS SERVED BY THE PANELBOARD ARE NOT DOCUMENTED.
3. CONTRACTOR SHALL FIELD VERIFY SIZES OF ALL EXISTING FEEDERS THAT ARE MODIFIED AS A RESULT OF THIS WORK PRIOR TO BIDDING.
4. CONTRACTOR SHALL CLEARLY LABEL ALL SPARE CIRCUIT BREAKERS THAT BECOME AVAILABLE DURING THE COURSE OF DEMOLITION AND SHALL CONFIRM ALL SPARE CIRCUITS AT EXISTING PANELS. ALL NEW BRANCH CIRCUITS IDENTIFIED ON THE ELECTRICAL PLANS SHALL BE CONNECTED TO CONFIRMED SPARE CIRCUIT BREAKERS ONLY.

- 1 EX. FSS (600A, 208V, 3PH, FUSED @ 600A).
2 EX. 2 SETS [(4) 350 KCMIL & 2(0) GROUND] IN (2) 4".
3 EX. (4) 250 KCMIL & #4 GROUND IN 3".
4 EX. (3) #2 & #8 GROUND IN 1 1/4".
5 (4) #6 & #10 GROUND IN 1 1/4".
6 CONTRACTOR SHALL IDENTIFY THREE EXISTING BRANCH CIRCUITS THAT SERVE THE THIRD FLOOR. THESE BRANCH CIRCUITS SHALL BE RELOCATED TO NEW PANEL C THAT SHALL BE LOCATED WITHIN THE THIRD FLOOR ELECTRICAL ROOM. CONTRACTOR SHALL MODIFY TERMINATION OF EXISTING BRANCH CIRCUITS AT EXISTING PANEL TO ALLOW FOR AVAILABLE SPACE FOR A NEW THREE-POLE CIRCUIT BREAKER. PROVIDE A NEW 60A, 3-POLE CIRCUIT BREAKER IN AVAILABLE SPACE AT EXISTING PANEL B TO SERVE NEW PANEL C. NEW CIRCUIT BREAKER SHALL BE FULLY COMPATIBLE WITH EXISTING PANEL.

NEW PANEL C table showing Load Description, Load-Watts, Circuit Breaker, Phasing, and Load Description. Includes sub-tables for Connected Load, Demand Load, and Panel Specifications.



PARTIAL POWER RISER DIAGRAM - NEW WORK
NOT TO SCALE

Vertical sidebar containing project information, structural manager MICA, project manager ARRIUM | AE, and drawing title E-3.

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A QUALIFIED LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER: 18435 EXP. DATE: 10/31/17