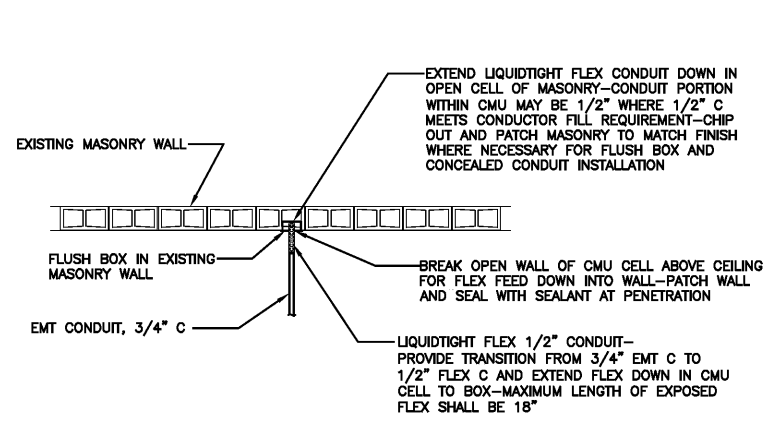


- LIGHTING CONTROL NOTES**
- 1- THE LIGHTING CONTROL SYSTEM SHALL BE A LOW VOLTAGE NETWORK TYPE CONTROL SYSTEM UTILIZING CLASS 2 CONTROL WIRING FOR DIMMER CONTROL WIRING AND FOR LIGHTING CONTROL WIRING (CONTROL CIRCUITRY INTERCONNECTING DEVICES SUCH AS ROOM CONTROLLER, SWITCHES, DIMMERS, OCCUPANCY SENSORS, ETC.).
 - 2- THE LIGHTING CONTROL SYSTEM SHALL BE WATTSTOPPER 'DLM' (DIGITAL LIGHTING MANAGEMENT) SYSTEM AS INDICATED OR APPROVED EQUAL SYSTEM BY LUTRON, COOPER/GREENGATE OR LIGHT/SENSORSWITCH. THE MANUFACTURER WATTSTOPPER AND ASSOCIATED MODEL NUMBERS ARE GIVEN TO INDICATE A CONCEPT, TYPE AND QUALITY AND ARE NOT INTENDED TO LIMIT THE PRODUCT TO A SPECIFIC MANUFACTURER.
 - 3- THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE PARTICULAR LIGHTING CONTROL SYSTEM EQUIPMENT MANUFACTURER AND SHALL PROVIDE ALL EQUIPMENT INDICATED AND OTHER EQUIPMENT, WIRING, INTERFACES, POWER SUPPLIES, RELAYS AND OTHER APPURTENANCES REQUIRED TO PERFORM THE FUNCTION INDICATED FOR THE CONTROL, DIMMING AND COMPLETE OPERATION OF THE LIGHTING CONTROL SYSTEM. ALL EQUIPMENT PROVIDED SHALL BE BY THE SAME MANUFACTURER OR SHALL BE LISTED AS COMPATIBLE WITH THE LIGHTING CONTROL SYSTEM BY THE PARTICULAR MANUFACTURER. PROVIDE ALL REQUIRED COMPONENTS, AND POWER AND CONTROL WIRING AS INDICATED IN THE PARTICULAR MANUFACTURER'S INSTALLATION REQUIREMENTS AND GUIDELINES. COORDINATE EXACT WIRING REQUIREMENTS AND FINAL SCHEMATIC CONNECTIONS WITH PARTICULAR SYSTEM EQUIPMENT SUPPLIER.
 - 4- FURNISH A COMPUTER INTERFACE DONGLE FOR SCENE AND LIGHTING SETUP. TURN OVER TO WOWNER AFTER SETUP. WATTSTOPPER #LMCI-100.
 - 5- SEE PLANS FOR SPECIFIC LIGHTING CONTROL DEVICE TYPES AND QUANTITIES FOR EACH SPACE.
 - 6- THE CONTRACTOR SHALL COORDINATE THE SETUP OF THE SYSTEM, INCLUDING DIMMED LEVELS AND SCENES, AS DIRECTED BY THE OWNER. COORDINATE FINAL PRESET SCENE AND DIMMED LEVELS WITH OWNER.
 - 7- THE MANUFACTURER'S REPRESENTATIVE SHALL PROVIDE COMPLETE TRAINING ON THE OPERATION AND FUNCTION OF THE LIGHTING CONTROL SYSTEM TO THE OWNER.
 - 8- THE MANUFACTURER'S REPRESENTATIVE SHALL COORDINATE WITH THE OWNER AND SHALL SET PRESET SCENES AS DIRECTED BY THE OWNER FOR THE PARTICULAR FUNCTIONS OF THE SPACE. UPON SELECTION OF PRESET LIGHTING SCENES BY THE OWNER, THE OWNER SHALL SELECT SCENE NAMES TO BE ENGRAVED ON THE WALL MOUNT LIGHTING CONTROL UNIT. THE WALL MOUNT LIGHTING CONTROL UNIT SHALL BE LABELED AS TO THE PRESET SCENES AND THE FUNCTION OF THE PUSHBUTTONS. LABELING SHALL BE PERFORMED AT THE MANUFACTURER'S FACTORY AND SHALL BE PERMANENTLY ENGRAVED ON THE CONTROL UNIT.

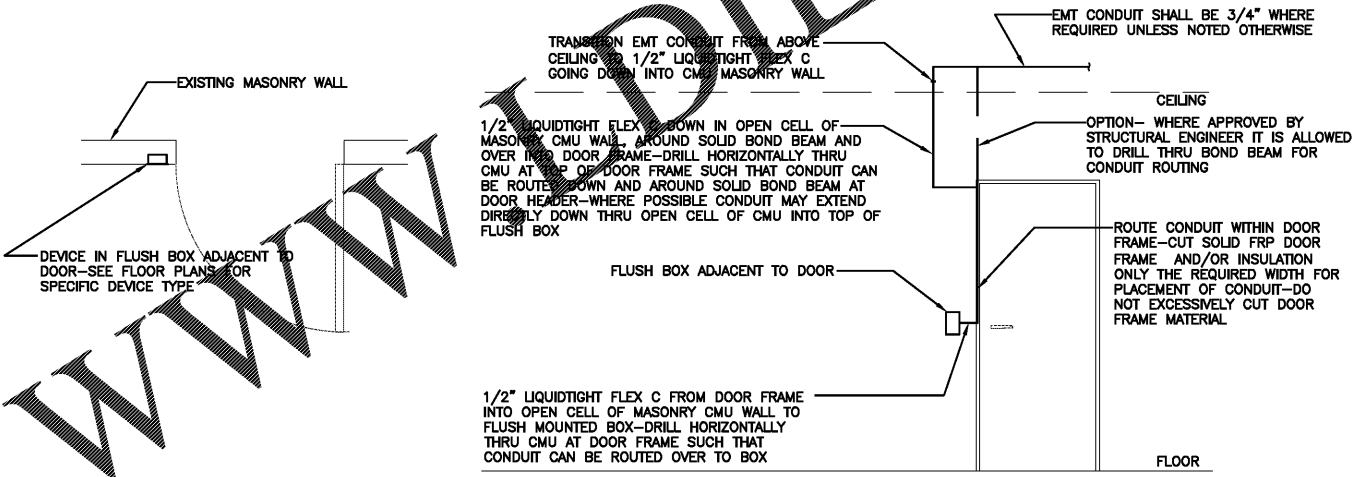
1 LIGHTING CONTROL SYSTEM — NETWORK CONTROLS (CLASS 2)
 E405 NOT TO SCALE



PLAN

PREFERRED METHOD — USE THIS METHOD WHERE POSSIBLE

FLUSH BOX IN CMU WITH OPEN CELL TO ABOVE FINISHED CEILING

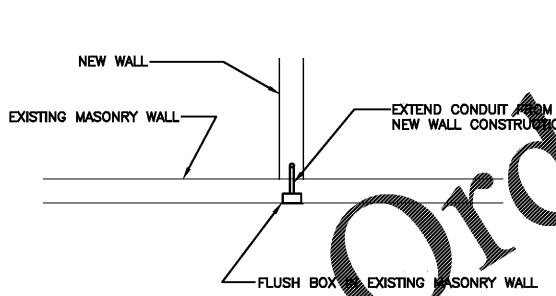


PLAN

RISER

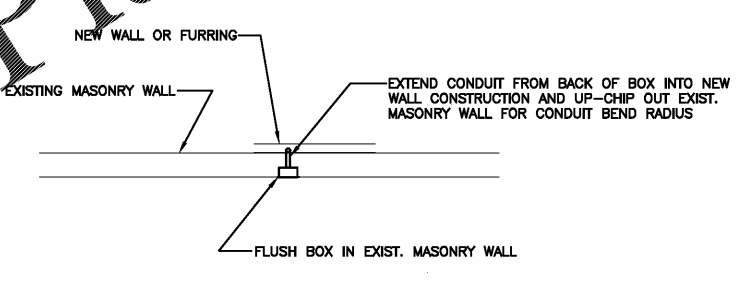
USE THIS METHOD WHERE NEW DOORS ARE INSTALLED WHERE NEEDED FOR SWITCH, CARD READER, DOOR PUSHBUTTON, ETC. NEAR DOOR FRAME

FLUSH BOX NEAR DOOR FRAME



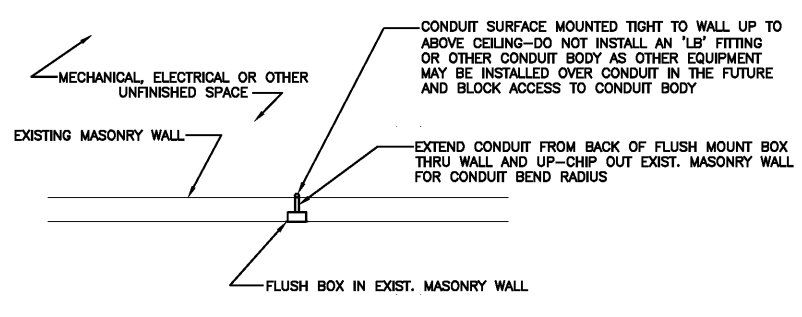
PLAN

FLUSH BOX WHERE NEW WALL IS PERPENDICULAR ON OPPOSITE SIDE OF BOX



PLAN

FLUSH BOX WHERE NEW WALL OR FURRING IS ON OPPOSITE SIDE



PLAN

LEAST PREFERRED METHOD — USE THIS METHOD WHERE NO OTHER METHOD CAN BE USED

FLUSH BOX WHERE UNFINISHED SPACE IS ON OPPOSITE SIDE

- NOTES**
- 1- ALL DEVICES, OUTLETS AND BOXES SHALL BE FLUSH MOUNTED EXCEPT WHERE MOUNTED ON EXISTING SOLID POURED CONCRETE SHEAR WALL. COORDINATE WITH THE PARTICULAR LOCATION AND EXISTING CONSTRUCTION TO DETERMINE METHOD OF INSTALLATION.
 - 2- CAREFULLY CUT OPENING FOR FLUSH BOX INTO EXISTING MASONRY WALL. OPENING CUT IN WALL SHALL BE AS SMALL AS PRACTICAL TO INSTALL BOX. CUT OPENING FOR BOX AS SMALL AS PRACTICAL FOR INSTALLATION OF THE BOX. INSTALL CONDUIT THROUGH EXISTING MASONRY WALL IN ORDER TO CONCEAL CONDUIT AND MOUNT BOX FLUSH IN WALL.
 - 3- WHERE FLEXIBLE CONDUIT IS INSTALLED IN EXISTING OPEN CELL CMU WALL THE TRANSITION FROM FLEX TO OTHER CONDUIT SHALL BE MADE AS SOON AS POSSIBLE. FLEX CONDUIT SHALL BE LIMITED IN LENGTH TO SHORTEST LENGTH POSSIBLE.
 - 4- BOXES INSTALLED FLUSH IN MASONRY WALLS SHALL BE SUITABLE FOR INSTALLATION IN MASON WALL. BOXES SHALL HAVE MINIMUM 18 CUBIC INCH VOLUME. BOXES WITH CONDUIT ENTERING TOP, BOTTOM OR SIDE OF BOX SHALL BE DEEP BOXES (NOT SHALLOW) WITH MINIMUM DEPTH OF 2.69". DEEP BOXES ARE REQUIRED SUCH THAT THE CONDUIT ENTERS DIRECTLY INTO THE BOX BEHIND THE CMU CELL WALL.

2 FLUSH BOX IN EXISTING MASONRY WALL
 E405 NOT TO SCALE



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