MARK R. AKIN PE - 0059242

ELECTRICAL

DETAILS

CHECKED MTR 02/07/12 CAD 3702060/CD

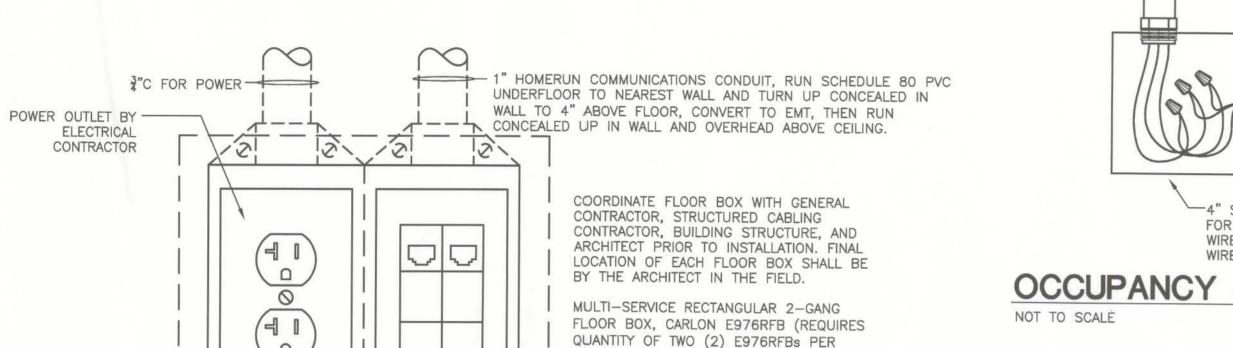
REVISIONS

3702.060 SHEET

E4.0

Moses & Associates, Inc. Consulting Engineers 2209 NW 40th Terrace, Ste A Gainesville, FL 32605 FL License EB-0003097 moses-eng.com

Bid Documents M&A Project No. 11238 352-372-1911 f 352-372-0186



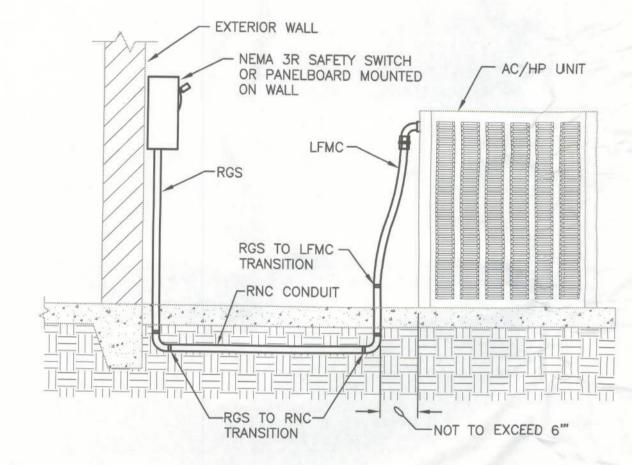
2-GANG BOX). PROVIDE 2 FLOOR ACTIVATION KITS, CARLON E976AK2.

COVER, CARLON E9762SS.

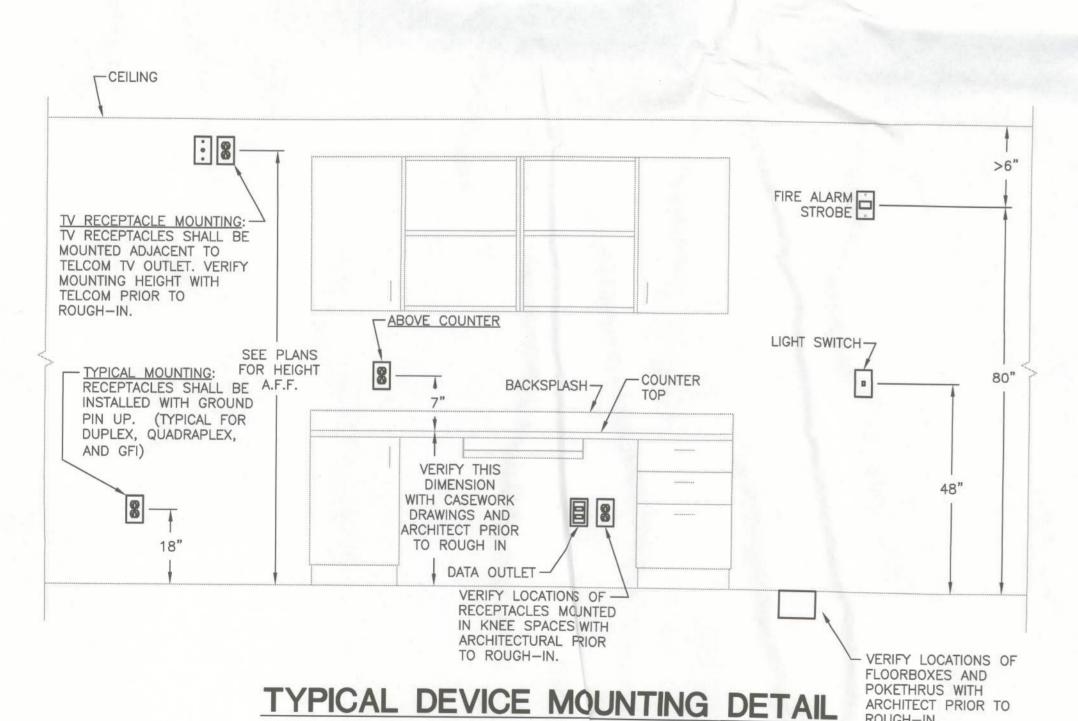
PROVIDE WITH 2-GANG STAINLESS STEEL

TELCOM JACKS, BY TELCOM CONTRACTOR

TYPICAL UTILITY FLOOR BOX DETAIL SYMBOL=



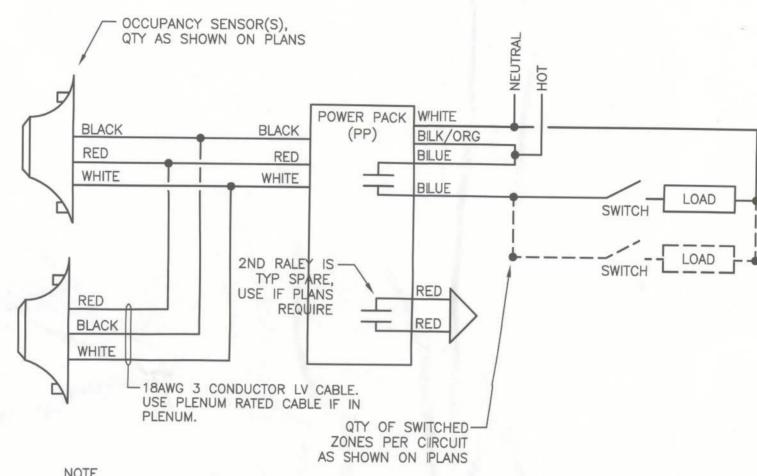
TYPICAL EXTERIOR AC/HP CONNECTION DETAIL SCALE: NONE



NOT TO SCALE

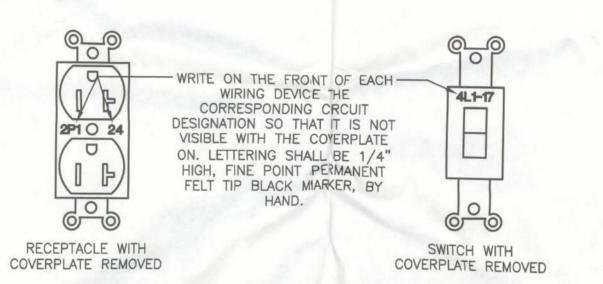
-LV CABLE NOT IN CONDUIT SUPPORTED BY J-HOOKS OR OTHER APPROVED METHOD TO OCCUPANCY SENSOR(S). 4" SQUARE BOX FOR LINE VOLTAGE WIRES, NOT ALL WIRES ARE SHOWN

OCCUPANCY SENSOR POWER PACK DETAIL

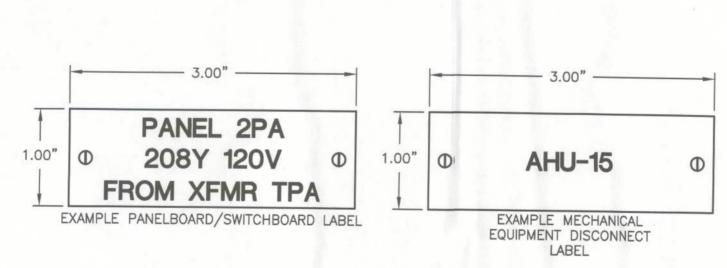


NOTE
VERIFY WIRING CONFIGURATION WITH ACTUAL SENSORS AND POWER PACKS BEING

OCCUPANCY SENSOR CONNECTION DETAIL NOT TO SCALE

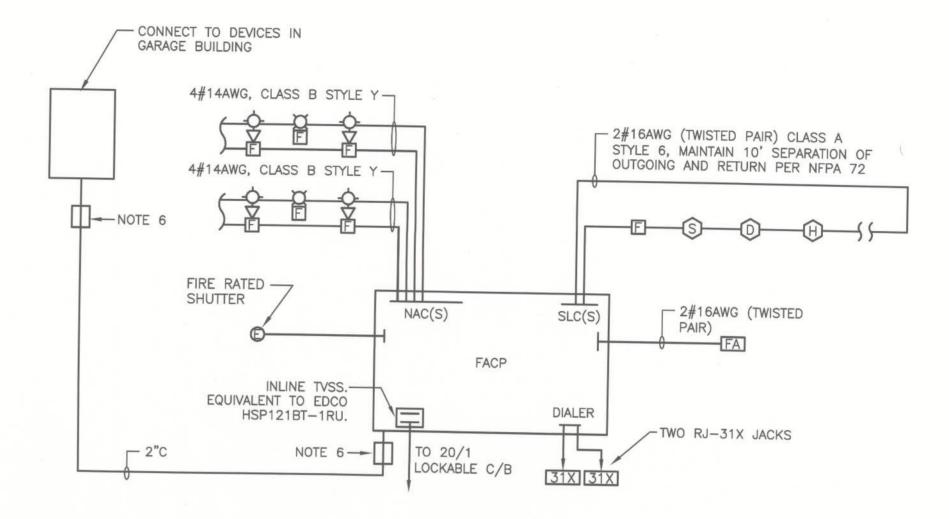


WIRING DEVICE LABEL DETAIL NOT TO SCALE



ENGRAVED PLASTIC TAG WITH 1/4" HIGH WHITE LETTERS ON BLACK BACKGROUND (RED BACKROUND FOR EMERIGENCY EQUIPMENT). TAG SHALL HAVE ALL EDGES BEVELED AND SMOOTH. SECURE TAG WITH 2 CHROME (STAINLESS STEEL FOR WET OR DAMP LOCATIONS) SCREWS, ADHESIVE BACKING, TAPE, ETC IS NOT ALLOWED. 1"XX3" DIMENSIONS ARE MINIMUM. TAG SHALL BE LARGER AS REQUIRED TO FIT APPROPRIATE TEXT.

TYPICAL EQUIPMENT LABELING DETAIL NOT TO SCALE



FIRE ALARM RISER NOTES: 1. THE NAC CIRCUIT IS SHOWN DIAGRAMMATIC. MAXIMUM NUMBER OF STROBES ON ANY CIRCUIT IS LIMITED. SEE

2. CONNECTIONS TO CONTROL RELAYS FOR SMOKE DAMPERS ARE NOT SHOWN ON THE RISER. PROVIDE CONNECTIONS FOR SLC AND NAC AS REQUIRED FOR PROPER OPERATION.

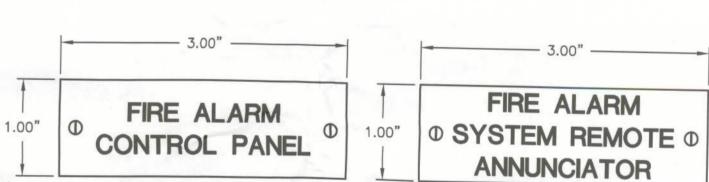
3. SLC LOOP TO CONNECT TO ALL ADDRESSABLE FIRE ALARM SYSTEM DEVICES. VERIFY DEVICES FROM FLOOR PLANS. PROVIDE ADDITIONAL LOOP(S) AS REQUIRED. SEE SPECIFICATIONS.

4. 3/4" MINIMUM CONDUIT SIZE FOR FIRE ALARM SYSTEM CIRCUITS. ALL CIRCUITS SHALL BE IN CONDUIT DEDICATED TO THE FIRE ALARM SYSTEM.

5. BATTERY CABINETS AND NAC EXPANDERS TO BE LOCATED AS NEEDED IN ELECTRICAL ROOMS ONLY.

6. PROVIDE SURGE SUPPRESSORS ON ALL COPPER CIRCUITS LEAVING THE OFFICE BUILDING & ENTERING THE GARAGE. MOUNT IN A NEMA 1 ENCLOSURE IN BUILDINGS.

FIRE ALARM SYSTEM RISER DIAGRAM NOT TO SCALE



ENGRAVED PLASTIC TAG WITH 1/4" HIGH WHITE LETTERS ON RED BACKGROUND. TAG SHALL HAVE ALL EDGES BEVELED AND SMOOTH. SECURE TAG WITH 2 CHROME (STAINLESS STEEL FOR WET OR DAMP LOCATIONS) SCREWS, ADHESIVE BACKING, TAPE, ETC IS NOT ALLOWED. 1"X3" DIMENSIONS ARE MINIMUM, TAG SHALL BE LARGER AS REQUIRED TO FIT APPROPRIATE TEXT.

FIRE ALARM SYSTEM LABELING DETAIL NOT TO SCALE