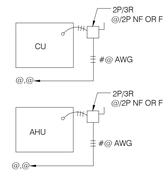
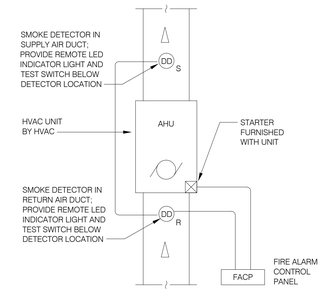


NOTES

1. VERIFY NAMEPLATE RATINGS, LOCATIONS AND POINT OF POWER CONNECTIONS PRIOR TO ROUGH-IN.
2. DO NOT LOCATE DISCONNECT SWITCHES OVER UNIT ACCESS PANELS.
3. PROVIDE A 3/4" EMPTY CONDUIT THROUGH INACCESSIBLE LOCATIONS (I.E. WALLS, UNDER SLAB)
4. EQUIPMENT REQUIREMENTS ARE FOR MANUFACTURER AND MODEL NUMBER LISTED ON MECHANICAL PLANS. THE MECHANICAL CONTRACTOR SHALL BEAR ANY ADDITIONAL COSTS INCURRED IF ALTERNATE EQUIPMENT IS USED.
5. ALL MOTOR STARTERS AND/OR COMBINATION STARTERS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR.
6. #@ REPRESENTS THE TYPICAL WIRE SIZE AND TO VERIFY WIRE SIZE PER MANUFACTURE'S NAMEPLATE.
7. @.@ REPRESENTS THE TYPICAL PANEL AND CIRCUIT PER PIECE OF EQUIPMENT.

1 WIRING DIAGRAM - HVAC SPLIT SYSTEM

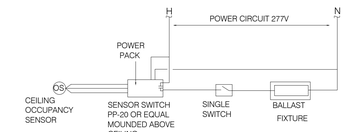
NOT TO SCALE



NOTE: FOR MORE THAN 2000 CFM SMOKE DETECTOR REQUIRED IN HVAC DUCT .

2 WIRING DIAGRAM - HVAC DUCT SMOKE DETECTOR

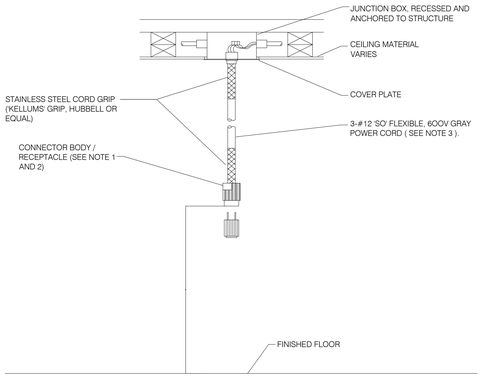
NOT TO SCALE



NOTE:
SWITCHING AND CEILING OCCUPANCY SENSOR APPLIED AS INDICATED ONFLOOR PLANS.

3 LIGHT FIXTURE SWITCHING DIAGRAM WITH OCCUPANCY SENSOR

NOT TO SCALE



DETAIL NOTES:
1. USE LOCKING BLADE TYPE OF CONNECTOR BODY (HUBBELL 2O AMP 'TWISTLOCK' OR EQUAL). DO NOT USE STRAIGHT BLADE TYPES.
2. USE TYPE OF CONNECTOR BODY (RECEPTACLE) THAT GRIPS ON INSULATION OF 'SO' CORD SO THAT TENSION IS NOT TRANSMITTED TO CONDUCTORS OR TERMINAL SCREWS.
3. USE CONTINUOUS LENGTHS OF 'SO' CORD AT EACH DROP CORD LOCATION. SPLICES ARE NOT PERMITTED.
4. PROVIDE MALE END FOR EQUIPMENT CONNECTION.

4 DROP CORD MOUNTING DETAIL

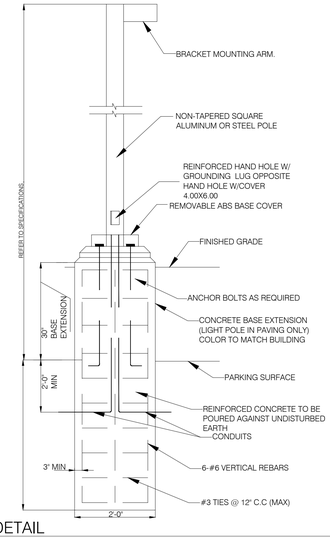
NOT TO SCALE

NOTE:

1. DETECTORS MUST BE COMPATIBLE WITH PRE-ACTION SYSTEM BOX.
2. ALL CONTROL LOGIC ASSOCIATED WITH ELEVATOR EQUIPMENT REQUIRED FOR ELEVATOR CONTROL AND FIRE DEPARTMENT OVERRIDE(S) SHALL BE INCLUDED IN ELEVATOR CONTROLLER, FURNISHED AND INSTALLED BY ELEVATOR EQUIPMENT SUBCONTRACTOR; ELEVATORS TO BE PROVIDED WITH 'PHASE II' REQUIREMENTS AS MANDATED BY ELEVATOR CODE.
3. DETECTION BY ANY DETECTOR IN ELEV SHAFT OR MACH RM SHALL INITIATE FIRE ALARM AND TRIP CIRCUIT BREAKER FOR ELEVATOR EQUIPMENT.
4. ALL PRE-ACTION DETECTORS, WIRING AND CONDUIT BY FIRE PROTECTION CONTRACTOR; CONDUIT, WIRING, AND CONNECTIONS TO ELEVATOR CIRCUIT BREAKER BY ELECTRICAL CONTRACTOR.

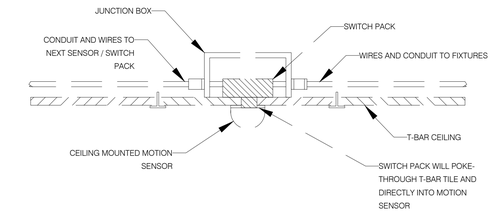
5 WIRING DIAGRAM - ELEVATOR SHAFT DETECTORS

NOT TO SCALE

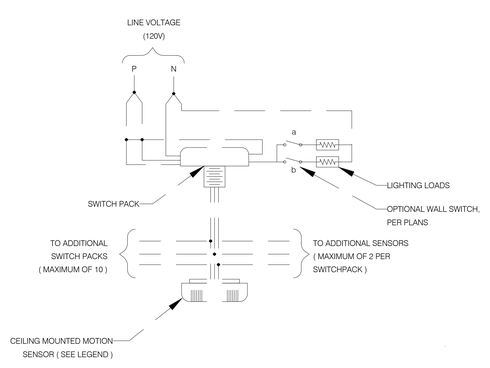


7 TYPICAL POLE BASE DETAIL

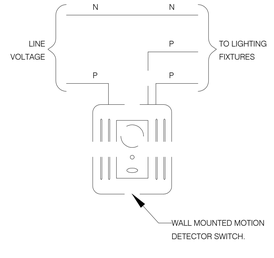
NOT TO SCALE



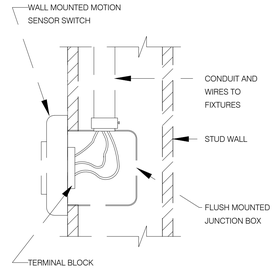
CEILING MOTION SENSOR SCHEMATIC SECTION



CEILING MOTION SENSOR SCHEMATIC WIRING DIAGRAM



WALL SWITCH MOTION SENSOR SCHEMATIC WIRING DIAGRAM



WALL SWITCH MOTION SENSOR SCHEMATIC SECTION

9 MOTION SENSOR DETAIL

NOT TO SCALE

JMAC ARCHITECTS
1273 Washington Pike, Bridgeville, PA 15017
t. 412.257.9010

BASE4
BASE4
3858 GLADES ROAD, #237
BOCA RATONFLORIDA 33434
1.720.7BASE4 www.base-4.com

SEAL

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
GARRY W. VERMAAS
ENGINEER
74404
2016.08.05

GARRY VERMAAS, PhD, PE
9011 EDGEWATER BEND
PARKLAND, FLORIDA, 33076

Hampton

ISSUE:

Issued for Permit
08.05.2016

PROJECT: 16-018

Hampton Inn & Suites
New Stanton, PA 15672

OWNER:

Stanton Hospitality LLC
52 Blueberry Lane,
Grove City, PA 16127

No.	Issue Date	Project Status

DATE	2016.08.05
DRAWN BY	SJ
CHECKED BY	GWV
SCALE	AS NOTED
PROJECT NO.	B4-67-1603

SHEET NAME

ELECTRICAL DETAILS-4

SHEET NO.

E104