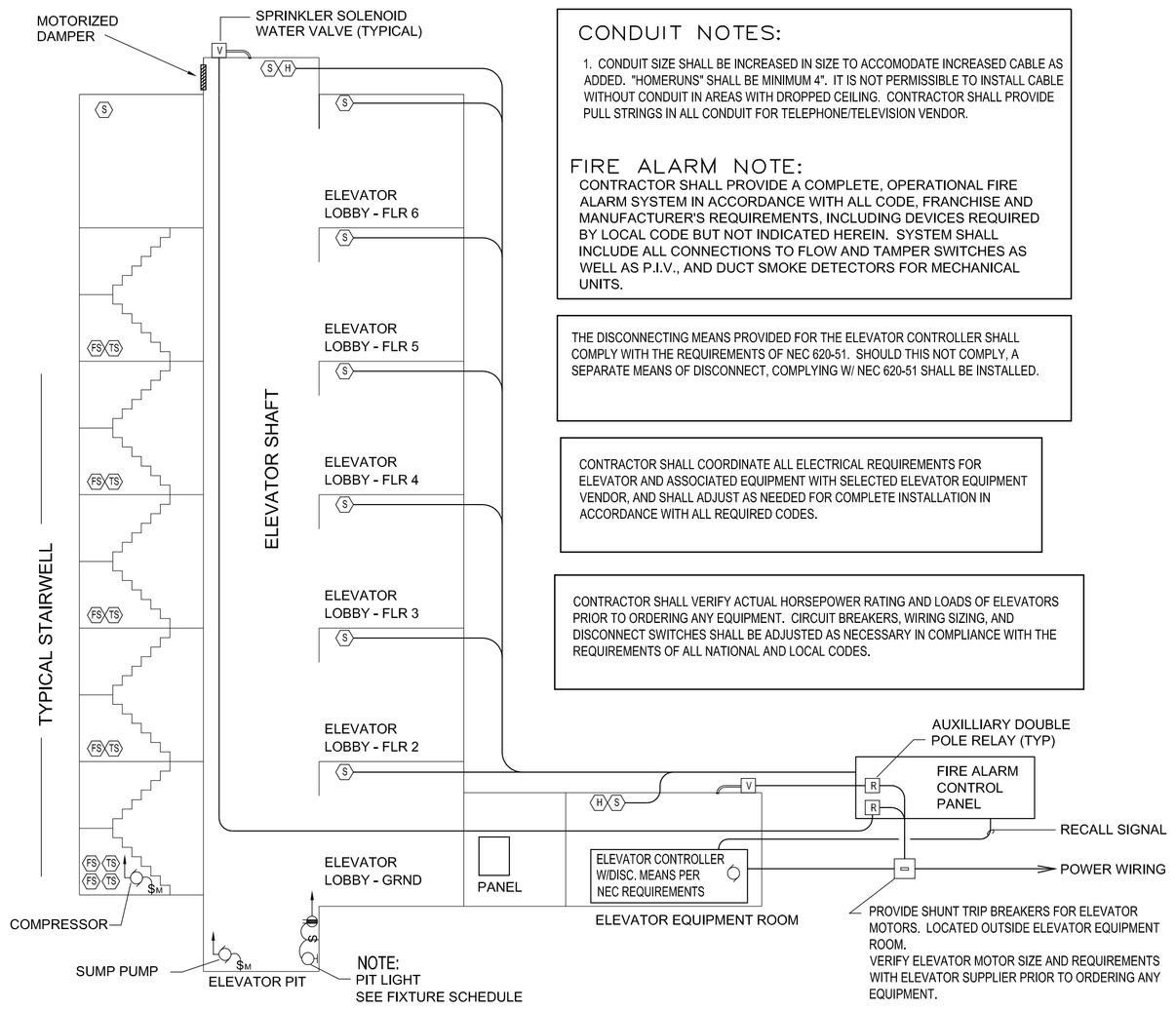


CONDUIT NOTES:

1. CONDUIT SIZE SHALL BE INCREASED IN SIZE TO ACCOMODATE INCREASED CABLE AS ADDED. "HOMERUNS" SHALL BE MINIMUM 4". IT IS NOT PERMISSIBLE TO INSTALL CABLE WITHOUT CONDUIT IN AREAS WITH DROPPED CEILING. CONTRACTOR SHALL PROVIDE PULL STRINGS IN ALL CONDUIT FOR TELEPHONE/TELEVISION VENDOR.

FIRE ALARM NOTE:

CONTRACTOR SHALL PROVIDE A COMPLETE, OPERATIONAL FIRE ALARM SYSTEM IN ACCORDANCE WITH ALL CODE, FRANCHISE AND MANUFACTURER'S REQUIREMENTS, INCLUDING DEVICES REQUIRED BY LOCAL CODE BUT NOT INDICATED HEREIN. SYSTEM SHALL INCLUDE ALL CONNECTIONS TO FLOW AND TAMPER SWITCHES AS WELL AS P.I.V., AND DUCT SMOKE DETECTORS FOR MECHANICAL UNITS.

THE DISCONNECTING MEANS PROVIDED FOR THE ELEVATOR CONTROLLER SHALL COMPLY WITH THE REQUIREMENTS OF NEC 620-51. SHOULD THIS NOT COMPLY, A SEPARATE MEANS OF DISCONNECT, COMPLYING W/ NEC 620-51 SHALL BE INSTALLED.

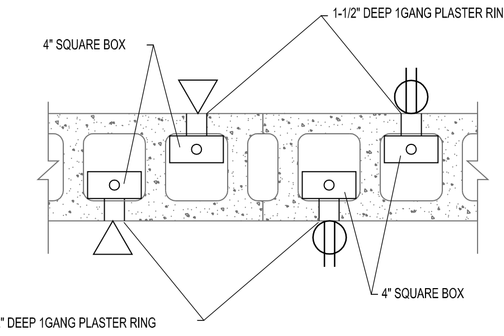
CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS FOR ELEVATOR AND ASSOCIATED EQUIPMENT WITH SELECTED ELEVATOR EQUIPMENT VENDOR, AND SHALL ADJUST AS NEEDED FOR COMPLETE INSTALLATION IN ACCORDANCE WITH ALL REQUIRED CODES.

CONTRACTOR SHALL VERIFY ACTUAL HORSEPOWER RATING AND LOADS OF ELEVATORS PRIOR TO ORDERING ANY EQUIPMENT. CIRCUIT BREAKERS, WIRING SIZING, AND DISCONNECT SWITCHES SHALL BE ADJUSTED AS NECESSARY IN COMPLIANCE WITH THE REQUIREMENTS OF ALL NATIONAL AND LOCAL CODES.

ELEVATOR/STAIRWELL NOTES

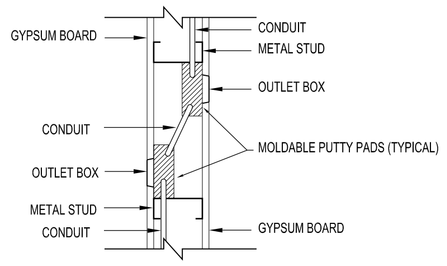
1. HEAT DETECTOR(S) LOCATED IN THE SPRINKLED ELEVATOR EQUIPMENT ROOM AND ELEVATOR HOISTWAY SHALL ACTIVATE THE SPRINKLER SYSTEM BY OPENING THE SOLENOID WATER VALVE AND ALSO AUTOMATICALLY DISCONNECT THE MAIN SUPPLY POWER TO THE ELEVATOR CONTROLLER BY USING A SHUNT TRIP CIRCUIT BREAKER MOUNTED OUTSIDE OF THE ELEVATOR EQUIPMENT ROOM. THE HEAT DETECTORS SHALL BE SUPPLIED POWER FROM A SUPERVISED CIRCUIT FROM THE FIRE ALARM CONTROL PANEL. THERE SHALL BE (1) HEAT DETECTOR FOR EACH SPRINKLER HEAD LOCATED WITHIN 6" OF EACH HEAD.
2. SMOKE DETECTOR(S) SHALL BE LOCATED IN EACH ELEVATOR LOBBY, TOP OF ELEVATOR HOISTWAY, AND THE ELEVATOR EQUIPMENT ROOM. THE SMOKE DETECTORS SHALL BE SUPPLIED POWER FROM A SUPERVISED CIRCUIT FROM THE ALARM CONTROL PANEL IN SUCH A MANNER THAT UPON ACTIVATION OF A DETECTOR THE CAR WILL RETURN TO THE DESIGNATED LEVEL.
3. PROVIDE COMPLETE INSTALLATION OF ELEVATOR FIRE PROTECTION INCLUDING ALL MATERIALS AND LABOR REQUIRED TO COMPLY WITH THE LATEST EDITION OF :
   "AMERICANS WITH DISABILITIES ACT"
   "ASME/ANSI SAFETY CODE FOR ELEVATORS AND ESCALATORS"
   "NATIONAL ELECTRICAL CODE"
   "NATIONAL FIRE PROTECTION ASSOCIATION"
   "STANDARD FIRE PREVENTION CODE"
4. SUBMIT TO LOCAL FIRE MARSHAL, COMPLETE OPERATIONAL SEQUENCE FOR APPROVAL.
5. PROVIDE ALL ASSOCIATED ELECTRICAL FOR FIREMAN'S ELEVATOR RECALL.
6. PANEL "PL" FOR ELEV 1 AND ELEV 2 SHALL HAVE CIRCUITS FOR LOADS AS FOLLOWS:
   20A CIRCUIT FOR ELEVATOR EQUIPMENT ROOM LIGHTING
   20A CIRCUIT FOR ELEVATOR EQUIPMENT ROOM RECEPTACLES
   20A CIRCUIT FOR ELEVATOR CAR HVAC (EA. CAR)
   20A CIRCUIT FOR ELEVATOR PIT LIGHT/GFI RECEPTACLE (EA. CAR)
   20A CIRCUIT FOR ELEVATOR PIT SUMP PUMP (EA. CAR)
   20A CIRCUIT FOR SPRINKLER AIR COMPRESSOR
7. PROVIDE ALL ASSOCIATED WIRING FOR ELEVATOR POWER AND CONTROLS. INCLUDING DISCONNECTING MEANS IN SIGHT OF MOTORS IN ACCORDANCE WITH THE REQUIREMENTS OF THE N.E.C.
8. PROVIDE SMOKE DETECTOR IN TOP OF EACH STAIRWELL.
9. PROVIDE ALL ASSOCIATED WIRING FOR SPRINKLER AIR COMPRESSOR(S).
10. PROVIDE TAMPER AND FLOW SWITCHES AT EACH LEVEL AS REQUIRED.
11. PANEL 'LDY' FOR ELEV 3 SHALL HAVE CIRCUITS FOR LOADS AS FOLLOWS:
    20A CIRCUIT FOR ELEVATOR EQUIPMENT ROOM LIGHTING
    20A CIRCUIT FOR ELEVATOR EQUIPMENT ROOM RECEPTACLES
    20A CIRCUIT FOR ELEVATOR CAR HVAC
    20A CIRCUIT FOR ELEVATOR PIT LIGHT/GFI RECEPTACLE
    20A CIRCUIT FOR ELEVATOR PIT SUMP PUMP
12. PANEL "EM" FOR ELEV 1, ELEV 2 & ELEV 3 SHALL HAVE CIRCUITS FOR LOADS AS FOLLOWS:
    20A CIRCUIT FOR ELEVATOR CAR LIGHTS (EACH CAR)
    20A CIRCUIT FOR SPRINKLER AIR COMPRESSOR

1 DETAIL - ELEVATOR & SPRINKLER SYSTEM FIRE ALARM & ELECTRICAL REQUIREMENTS
NO SCALE



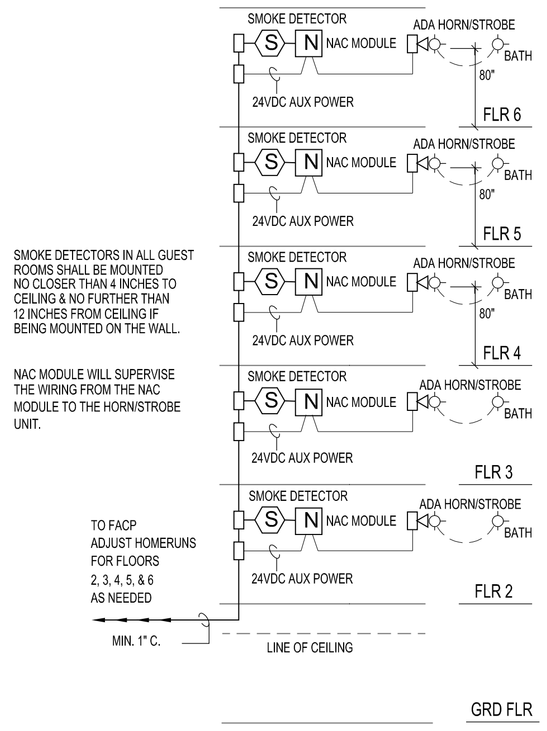
NOTE: OUTLET BOXES SHALL NOT BE INSTALLED "BACK TO BACK".

2 CMU WALL OPPOSITE WALL BOXES
NO SCALE

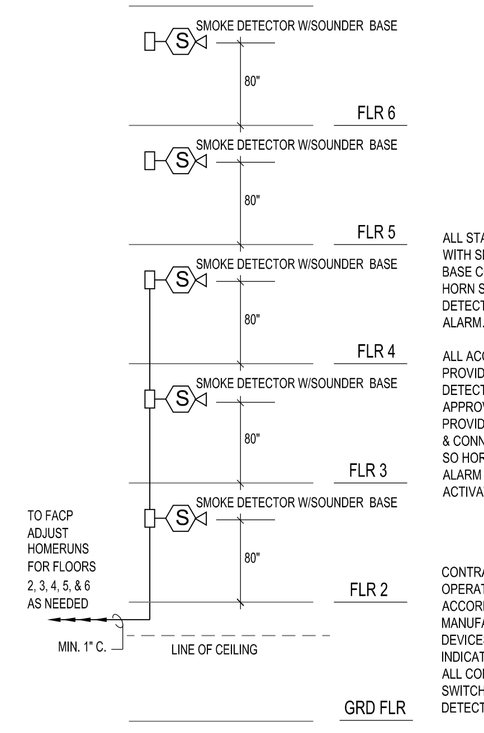


1. OUTLET BOXES LOCATED ON OPPOSITE SIDES OF A RATED WALL AND SEPARATED HORIZONTALLY BY LESS THAN 24", SHALL BE PROTECTED BY UL LISTED WALL OPENING PROTECTIVE MATERIAL 3M #MPP-4S MOLDABLE PUTTY PADS. INSTALLED IN ACCORDANCE WITH THE TESTED ASSEMBLY.
2. OUTLET BOXES SHALL NOT BE INSTALLED "BACK TO BACK".

3 RATED WALL BOX OUTLET SEPARATION
NO SCALE



4A FIRE ALARM RISER - ACCESSIBLE & HEARING IMPAIRED
NO SCALE

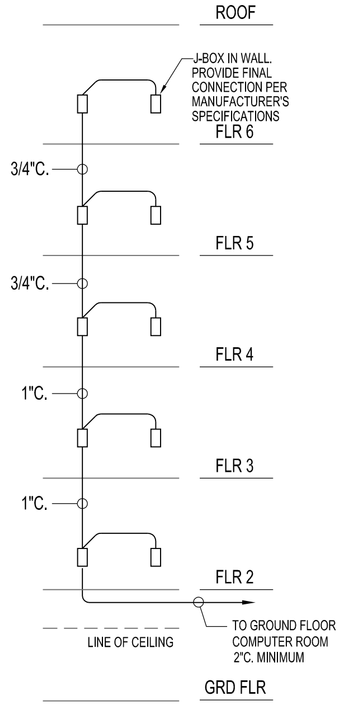


ALL STANDARD ROOMS SHALL BE PROVIDED WITH SMOKE DETECTOR WITH SOUNDER BASE CONNECTED TO MAIN FACP BOARD. HORN SHALL SOUND WHEN SMOKE DETECTOR ACTIVATES & ON GENERAL ALARM.

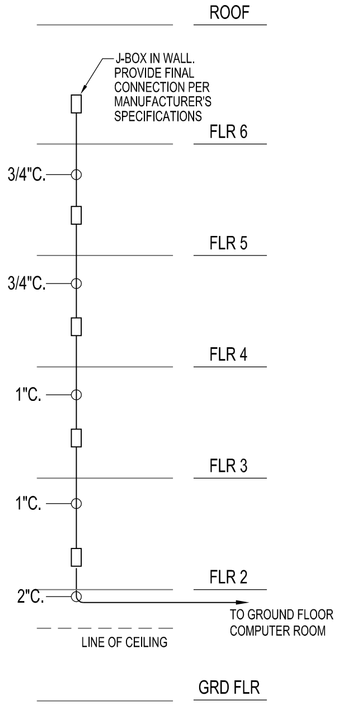
ALL ACCESSIBLE ROOMS SHALL BE PROVIDED WITH STANDARD SMOKE DETECTOR WITH STANDARD BASE & ADA APPROVED HORN/STROBE TO MATCH UNITS PROVIDED THROUGHOUT FACILITY. PROVIDE & CONNECT HORN/STROBE TO NAC MODULE SO HORN/STROBE ACTIVATES ON GENERAL ALARM AS WELL AS WHEN ROOM SMOKE ACTIVATES.

CONTRACTOR SHALL PROVIDE A COMPLETE, OPERATIONAL FIRE ALARM SYSTEM IN ACCORDANCE WITH ALL CODE, FRANCHISE AND MANUFACTURING REQUIREMENTS, INCLUDING DEVICES REQUIRED BY LOCAL CODE BUT NOT INDICATED HEREIN. SYSTEM SHALL INCLUDE ALL CONNECTIONS TO FLOW AND TAMPER SWITCHES AS WELL AS P.I.V. AND DUCT SMOKE DETECTORS FOR MECHANICAL UNITS.

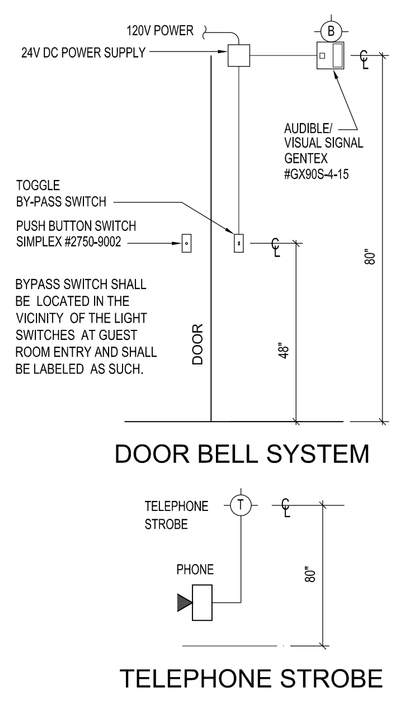
4B FIRE ALARM RISER - STANDARD ROOMS
NO SCALE



5A TELEPHONE/DATA RISER
NO SCALE



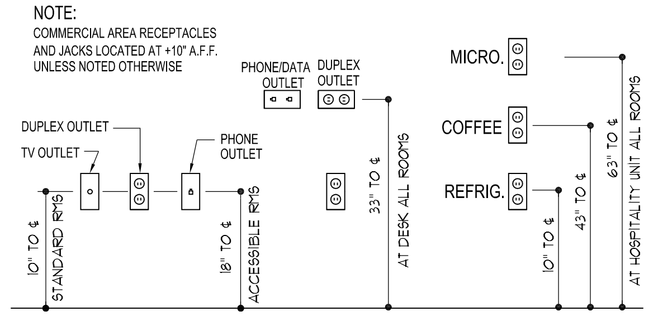
5B CATV RISER
NO SCALE



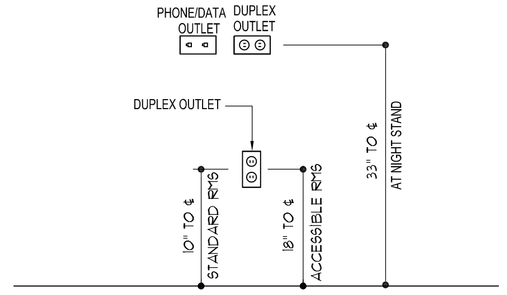
DOOR BELL SYSTEM

TELEPHONE STROBE

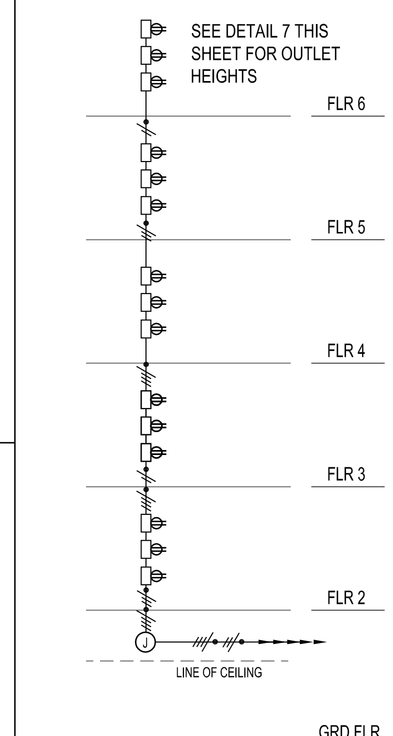
6 ACCESS/HEARING IMPAIRED RM
NO SCALE



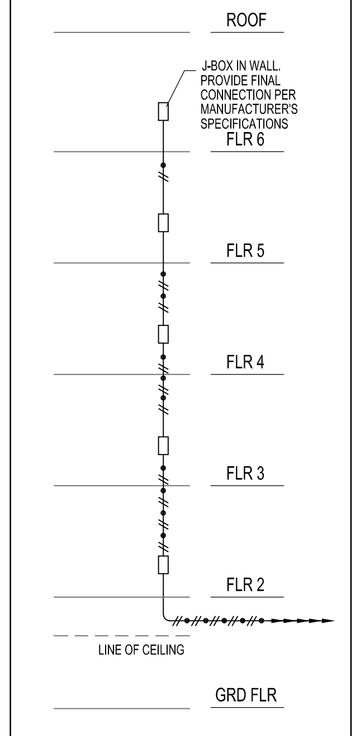
7 GUEST ROOM OUTLET LOCATIONS
NO SCALE
TYPICAL TV/DESK AND HOSP. UNIT WALL LOCATIONS



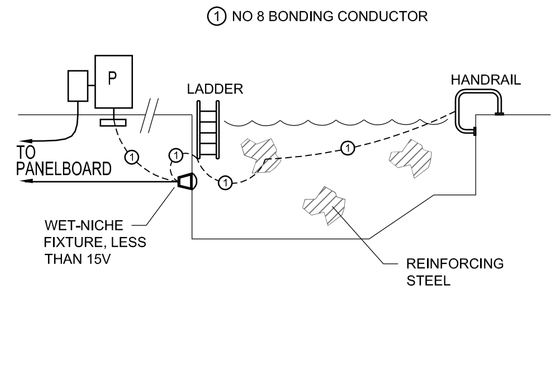
7A GUEST ROOM OUTLET LOCATIONS
NO SCALE
TYPICAL NIGHT STAND BED WALL LOCATIONS



8A BATH/FRIDGE - ROOM RISER
NO SCALE



8B PTAC RISER
NO SCALE



9 POOL/SPA BONDING
NO SCALE

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NO.	ISSUED	DATE
1	ISSUED	10/26/07

NO.	REVISIONS	DATE

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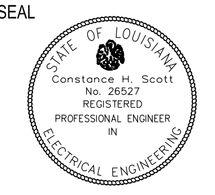

Holiday Inn MILLENNIUM
BOSSIER CITY, LOUISIANA

SHEET NAME
ELECTRICAL DETAILS

DATE 10/26/07
DRAWN BY JSH
CHECKED BY CHS
FILE NAME
SCALE NONE
PROJECT NO. 1507
DRAWING

E14