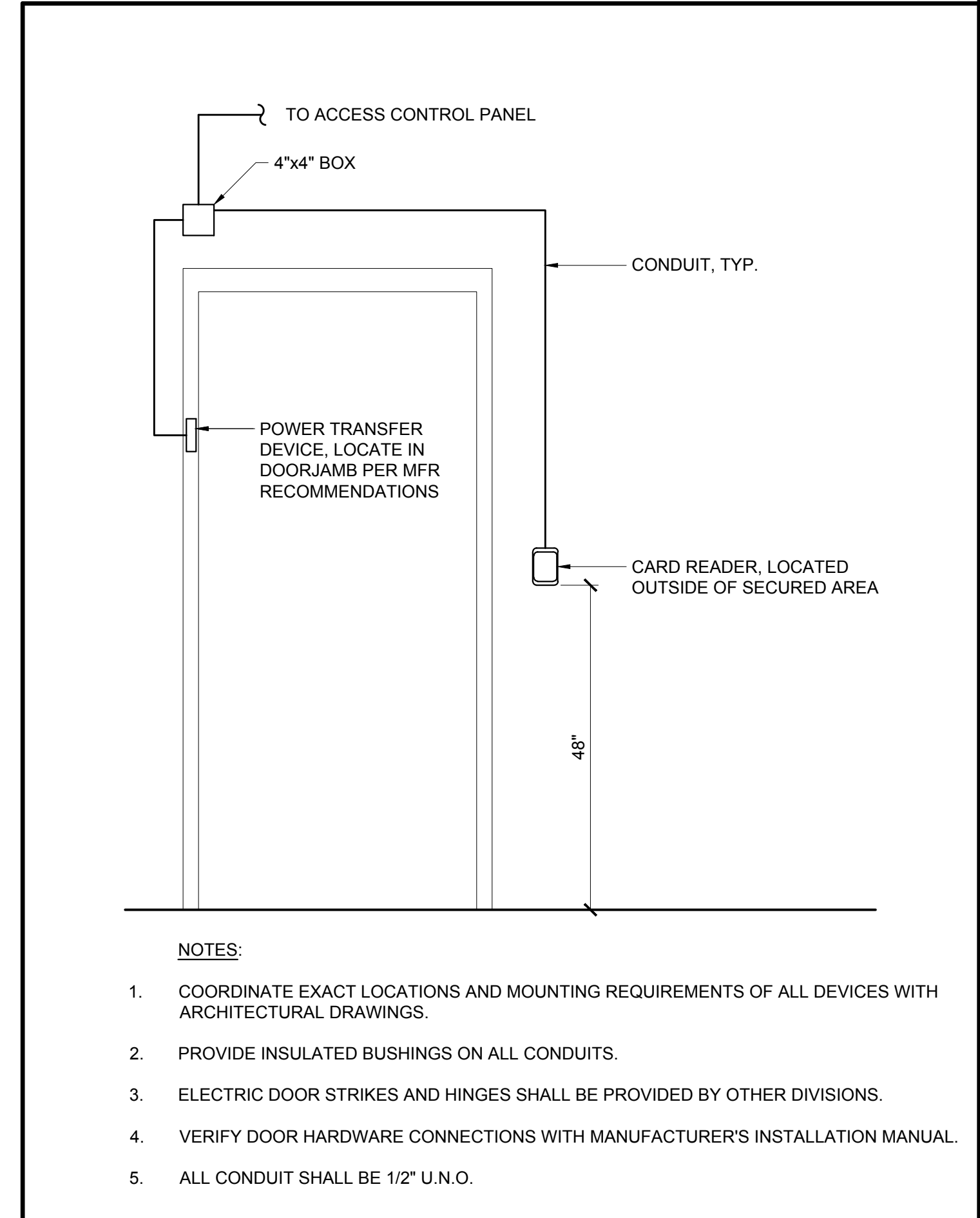
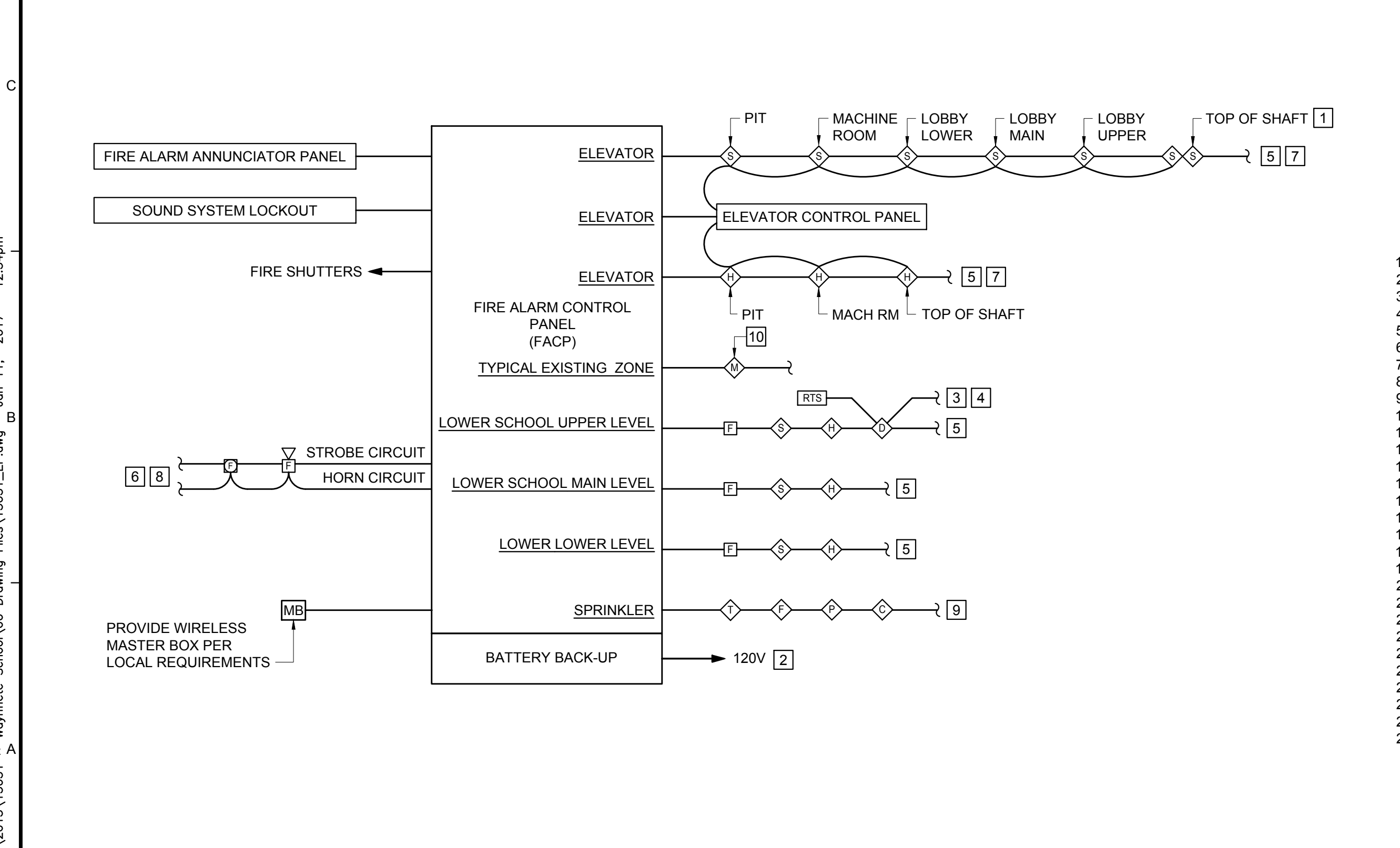


D1 TYPICAL ELEVATOR PIT AND MACHINE ROOM LAYOUT
NO SCALE



D8 TYPICAL CARD READER CONDUIT LAYOUT
NO SCALE



- EXISTING ZONE LIST**
- FOUNDERS HALL BASEMENT
 - FOUNDERS HALL FIRST FLOOR
 - FOUNDERS HALL SECOND FLOOR
 - SPRINKLER FOUNDERS AND HEWES HALL
 - HEWES HALL LOWER LEVEL
 - HEWES HALL UPPER LEVEL
 - HURD HOUSE BASEMENT
 - HURD HOUSE FIRST FLOOR
 - HURD HOUSE SECOND FLOOR
 - HURD HOUSE SPEINKLER
 - THOMAS HOUSE BASEMENT
 - THOMAS HOUSE FIRST FLOOR
 - THOMAS HOUSE SECOND FLOOR
 - THOMAS HOUSE THIRD FLOOR
 - THOMAS HOUSE SPRINKLER
 - SILS HALL SPRINKLER
 - HEWES HALL FURNACE ROOM CO ALARM
 - MIDDLE SCHOOL BASEMENT
 - MIDDLE SCHOOL FIRST FLOOR
 - MIDDLE SCHOOL SECOND FLOOR
 - MIDDLE SCHOOL THIRD FLOOR
 - HYDO HOUSE SPRINKLER (MIDDLE SCHOOL)
 - MORRIL HOUSE SPRINKLER (MIDDLE SCHOOL)
 - GYM
 - HEWES HALL GAS DETECTOR IN BOILER ROOM
 - KNOX BOX
 - FOUNDERS ATTIC TAMPERS
 - THOMAS HOUSE FURNACE ROOM NATURAL GAS ALARM
 - THOMAS HOUSE FURNACE ROOM CO ALARM

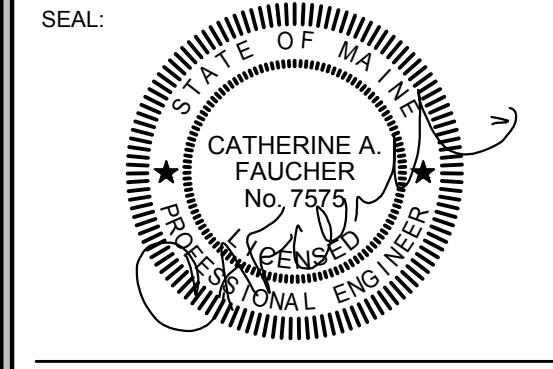
- FIRE ALARM GENERAL NOTES**
- MINIMUM SIZE CONDUIT SHALL BE 1/2" UNLESS NOTED OTHERWISE.
 - SYSTEM WIRING SHALL BE INSTALLED IN CONDUIT AND IN ACCORDANCE WITH EQUIPMENT SUPPLIER'S APPROVED SHOP DRAWINGS AND WIRING DIAGRAMS.
 - RISER DIAGRAM DOES NOT SHOW ENTIRE SYSTEM. REFER TO FLOOR PLANS FOR EXACT QUANTITIES AND LOCATIONS OF ALL SYSTEM DEVICES.
 - COORDINATE LOCATIONS OF DUCT SMOKE DETECTORS WITH DIVISION 23.
 - ALL WIRING SHALL BE CONCEALED.

- FIRE ALARM GENERAL NOTES**
- PROVIDE ONLY IF SPRINKLER HEAD IS LOCATED AT TOP OF SHAFT
 - PROVIDE CIRCUIT BREAKER HANDLE LOCK ON POWER CIRCUIT. HANDLE LOCK SHALL ALLOW THE CIRCUIT BREAKER TO TRIP, BUT PREVENT SWITCHING OF THE CIRCUIT BREAKER TO THE "OFF" POSITION.
 - TO AUXILIARY CONTACTS IN RESPECTIVE AIR-HANDLING UNIT STARTER FOR UNIT SHUTDOWN ON ALARM. LABEL DUCT SMOKE DETECTOR AND CORRESPONDING REMOTE TEST STATION UNIQUELY. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF MECHANICAL EQUIPMENT.
 - SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR HVAC CONTROLS.
 - CONNECT TO REMAINING INITIATING DEVICES. SEE FLOOR PLANS.
 - CONNECT TO REMAINING NOTIFICATION APPLIANCES. SEE FLOOR PLANS PROVIDE NUMBER OF CIRCUITS AS REQUIRED. WHERE FIELD CHARGING POWER SUPPLIES OR NOTIFICATION APPLIANCE CIRCUIT POWER EXTENDERS ARE USED, PROVIDE A SMOKE DETECTOR AT EACH UNIT PER NFPA 72 IN ADDITION TO SMOKE DETECTORS INDICATED ON FLOOR PLANS.
 - PROVIDE CONTACTS FOR ALL DETECTORS AND CONNECT TO ELEVATOR CONTROLLER FOR SHUNT TRIP OPERATION OF ELEVATOR AND ELEVATOR RECALL. OPERATION OF SMOKE CAUSES ELEVATOR TO GO TO FLOOR OF EGRESS AND LOCK OUT WITH DOOR OPEN. 135° HEAT DETECTOR OPERATION CAUSES SHUNT TRIP CIRCUIT BREAKER TO DISCONNECT ALL POWER TO THE ELEVATOR. MOUNT ALL DETECTORS WITHIN 2' OF THEIR RESPECTIVE SPRINKLER HEAD.
 - STROBES SHALL BE SYNCHRONIZED IN AREAS CONTAINING MULTIPLE UNITS.
 - VERIFY AND WIRE ACTUAL QUANTITY OF SPRINKLER SYSTEM DEVICES
 - EXISTING FIRE ALARM ZONE WIRING SERVING OTHER BUILDINGS ON CAMPUS SHALL REMAIN. PROVIDE AN ADDRESSABLE INTERFACE MODULE TO MONITOR EACH EXISTING FIRE ALARM ZONE THAT SERVES ANOTHER BUILDING. REFER TO LIST OF EXISTING ZONES TO REMAIN FOR FURTHER INFORMATION.

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A1 FIRE ALARM RISER DIAGRAM
NO SCALE

PROJECT NAME:
WAYNFLETE LOWER SCHOOL
ADDITION & RENOVATIONS
WAYNFLETE SCHOOL
360 SPRING STREET
PORTLAND, MAINE 04102



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DATE OF ISSUE: 12 JANUARY 2017
PROJECT NUMBER: 2013-0050
STATUS: ISSUED FOR BID

FIRE ALARM RISER DIAGRAM