EXISTING ZONE LIST ~ HURD HALL

1. HURD HOUSE BASEMENT
2. HURD HOUSE FIRST FLOOR
3. HURD HOUSE SECOND FLOOR
4. HURD HOUSE SPRINKLER

EXISTING ZONE LIST ~ THOMAS HOUSE

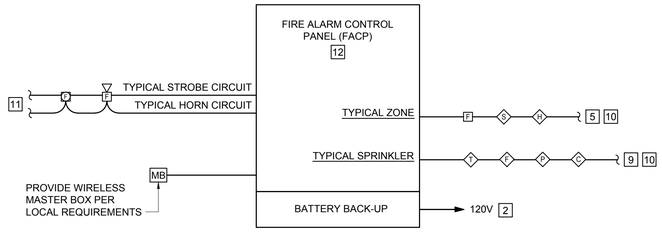
1. THOMAS HOUSE BASEMENT
2. THOMAS HOUSE FIRST FLOOR
3. THOMAS HOUSE SECOND FLOOR
4. THOMAS HOUSE THIRD FLOOR
5. THOMAS HOUSE SPRINKLER
6. THOMAS HOUSE FURNACE ROOM NATURAL GAS ALARM
7. THOMAS HOUSE FURNACE ROOM CO ALARM

EXISTING ZONE LIST ~ MIDDLE SCHOOL

1. MIDDLE SCHOOL BASEMENT
2. MIDDLE SCHOOL FIRST FLOOR
3. MIDDLE SCHOOL SECOND FLOOR
4. MIDDLE SCHOOL THIRD FLOOR
5. HYDO HOUSE SPRINKLER (MIDDLE SCHOOL)
6. MORRIL HOUSE SPRINKLER (MIDDLE SCHOOL)

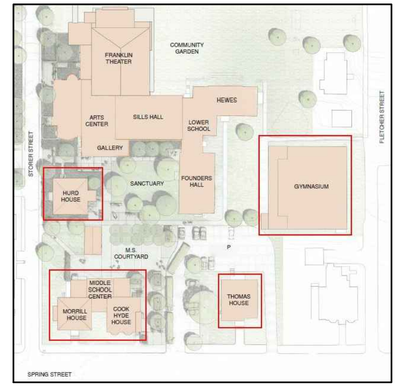
EXISTING ZONE LIST ~ GYMNASIUM

1. GYM



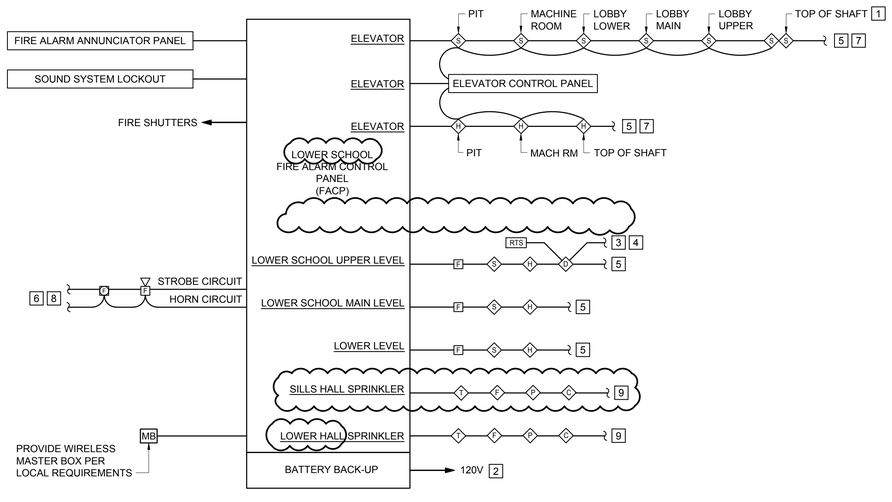
D1 FIRE ALARM RISER DIAGRAM ~ HURD HOUSE, THOMAS HOUSE, MIDDLE SCHOOL, & GYMNASIUM

NO SCALE



D8 PARTIAL EXISTING CAMPUS MAP

NO SCALE



A1 FIRE ALARM RISER DIAGRAM ~ LOWER SCHOOL

NO SCALE

FIRE ALARM GENERAL NOTES

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

FIRE ALARM KEY NOTES

1. PROVIDE ONLY IF SPRINKLER HEAD IS LOCATED AT TOP OF SHAFT
2. 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.
3. 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.
4. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR HVAC CONTROLS.
5. CONNECT TO REMAINING INITIATING DEVICES. SEE FLOOR PLANS.
6. 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.
7. PROVIDE CONTACTS FOR ALL DETECTORS AND CONNECT TO ELEVATOR CONTROLLER FOR SHUNT TRIP OPERATION OF ELEVATOR AND ELEVATOR RECALL. OPERATION OF SMOKES 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.
8. STROBES SHALL BE SYNCHRONIZED IN AREAS CONTAINING MULTIPLE UNITS.
9. VERIFY AND WIRE ACTUAL QUANTITY OF SPRINKLER SYSTEM DEVICES
10. EXISTING FIRE ALARM ZONE WIRING SHALL REMAIN. PROVIDE AN ADDRESSABLE INTERFACE MODULE TO MONITOR EACH EXISTING FIRE ALARM ZONE. REFER TO LIST OF EXISTING ZONES TO REMAIN FOR FURTHER INFORMATION.
11. CONNECT EXISTING NOTIFICATION APPLIANCE CIRCUITS TO NEW FIRE ALARM CONTROL PANEL. PROVIDE POWER SUPPLIES AS REQUIRED TO OPERATE EXISTING NOTIFICATION APPLIANCES.
12. PROVIDE AN ADDRESSABLE FIRE ALARM CONTROL PANEL AS SPECIFIED IN EACH BUILDING FOR HURD HALL, THOMAS HOUSE, MIDDLE SCHOOL, AND GYMNASIUM.

A1 FIRE ALARM RISER DIAGRAM

NO SCALE

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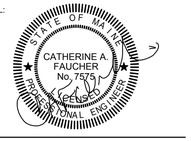
PROJECT NAME:

WAYNFLETE LOWER SCHOOL

ADDITION & RENOVATIONS

WAYNFLETE SCHOOL
360 SPRING STREET
PORTLAND, MAINE 04102

SEAL:



REVISION:

1	ADDENDUM #1 - 30 JANUARY 2017	DATE
2		DATE
3		DATE
4		DATE
5		DATE
6		DATE

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

FIRE ALARM RISER DIAGRAM

FA500R

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