

**GENERAL NOTES:**

CONTRACTOR TO COORDINATE WORK SCHEDULE WITH OWNER; ACCEPTABLE HOURS OF WORK ARE AS FOLLOWS:

- NOISY WORK I.E. CUTTING, DRILLING, HAMMERING, ETC. TO BE PERFORMED MON-FRI AFTER 3PM OR ON WEEKENDS
- ALL OTHER WORK CAN BE PERFORMED MON-FRI 7AM-3PM
- COORDINATE ALL SYSTEM SHUTDOWNS WITH OWNER. EXISTING HEATING AND CHILLED WATER SYSTEMS ARE TO REMAIN IN OPERATION DURING CONSTRUCTION WHILE BUILDING IS OCCUPIED

CONTRACTOR TO COORDINATE RIGGING PATH WITH OWNER TO PREVENT DAMAGE TO EXISTING FLOORING, FINISHES, AND STRUCTURE. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO BUILDING.

**CONTROL SYSTEM DESCRIPTION:**

EXISTING CONTROL SYSTEM INCLUDES A HEAT TIMER MULTI-MOD PLATINUM FULL MODULATION SEQUENCING BOILER CONTROLLER INTEGRATED INTO AN EXISTING AUTOMATED LOGIC BACNET BMS SYSTEM.

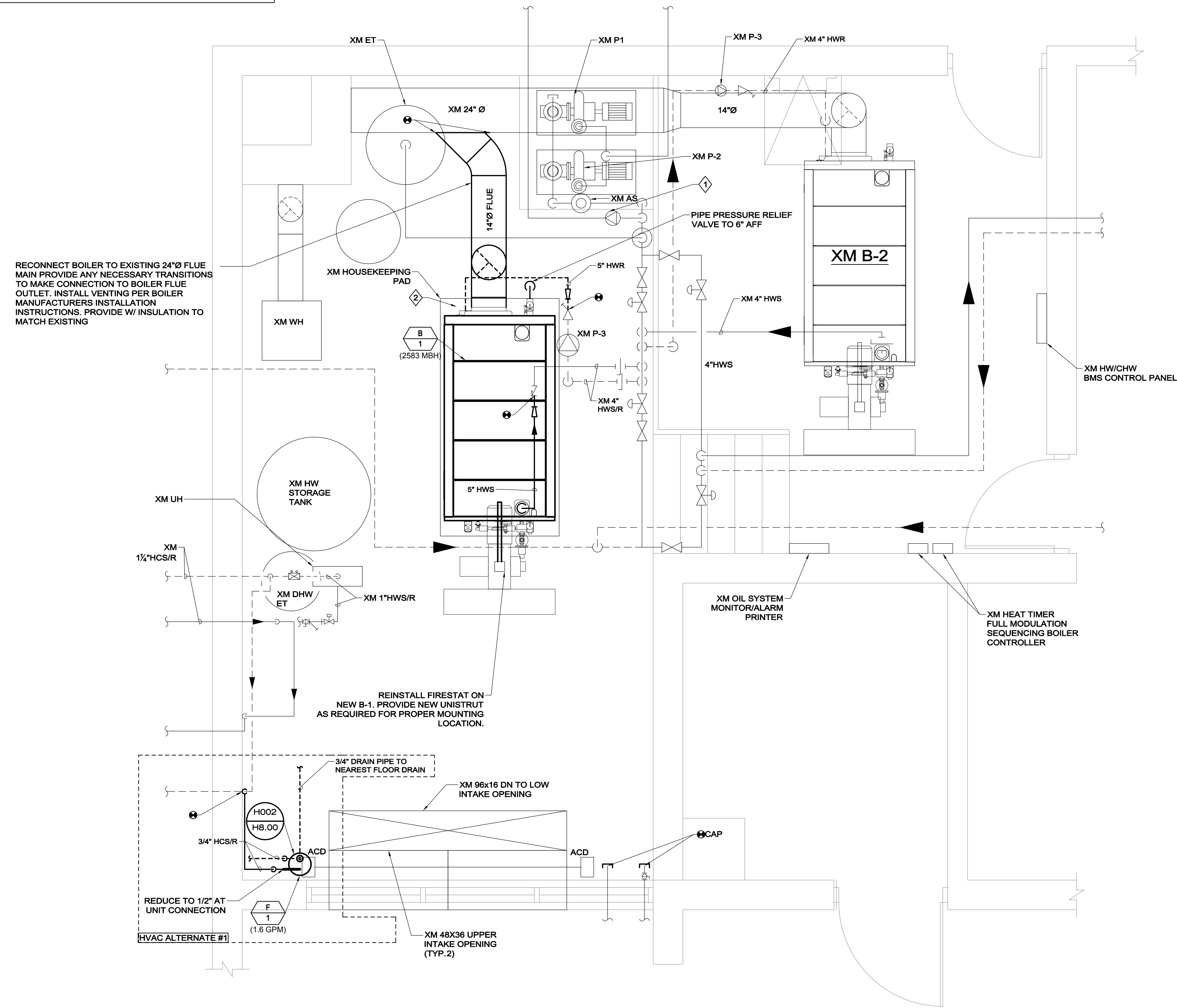
PROVIDE STANDALONE BOILER CONTROLLER TO OPERATE BOILER WITH CAPABILITY TO OPERATE BOILER, PUMPS, AND COMBUSTION AIR DAMPERS SIMILAR TO EXISTING SYSTEM. CONTROLLER TO BE COMPATIBLE WITH ALL EXISTING CONTROL COMPONENTS. PROVIDE ALL NECESSARY CONTROLS HARDWARE AND SOFTWARE FOR A FULLY FUNCTIONAL SYSTEM WITH FEATURES INCLUDING BUT NOT LIMITED TO:

- BOILER MODULATION SEQUENCING CONTROL
- OUTDOOR AIR LOCKOUT
- MINIMUM BOILER RETURN TEMP CONTROL
- UNOCCUPIED/NIGHTTIME SETBACK
- DISPLAY SCREEN WITH OPERATOR INPUT
- INTERLOCK WITH EXISTING COMBUSTION AIR DAMPER. PROVIDE WITH END SWITCH FOR VERIFICATION OF DAMPER POSITION
- BACNET INTERFACE
- REMOTE START/STOP

ATC CONTRACTOR TO MEET WITH BOILER CONTROLS MANUFACTURER TO COORDINATE THE REQUIRED CONTROL SIGNALS, STATUS SIGNALS (FOR THE GRAPHICS), AND ALARMS FOR THE BOILER SYSTEM.

**KEYNOTES:**

- ◊ RE-INSULATE PUMP CASING ACCORDING TO INSULATION SCHEDULED ON SHEET H8.00.
- ◊ BOILER IS TO BE PURCHASED AS A KNOCK-DOWN UNIT AND ASSEMBLED IN PLACE.



RECONNECT BOILER TO EXISTING 24" FLUE MAIN PROVIDE ANY NECESSARY TRANSITIONS TO MAKE CONNECTION TO BOILER FLUE OUTLET. INSTALL VENTING PER BOILER MANUFACTURERS INSTALLATION INSTRUCTIONS. PROVIDE W/ INSULATION TO MATCH EXISTING

REINSTALL FIRESTAT ON NEW B-1. PROVIDE NEW UNISTRUT AS REQUIRED FOR PROPER MOUNTING LOCATION.

REDUCE TO 1/2" AT UNIT CONNECTION

**HVAC MECHANICAL ROOM NEW WORK PLAN**

SCALE: 1/2"=1'-0"

**REVISIONS**

DATE	CHK	DESCRIPTION

**SEAL**

**PROJECT**

NUMBER: 0190327  
DATE: 07/18/2019  
BLUEBERRY HILL SCHOOL BOILER REPLACEMENT

**DRAWING**

DRAWN BY: SRL  
CHECKED BY: JFL  
SCALE: 1/2" = 1'-0"

**CONSTRUCTION DOCUMENTS**  
07-18-2019

HVAC MECHANICAL ROOM  
NEW WORK PLAN

W:\BLS\Projects\2019\07182019 - Longmeadow Blueberry Hill School Boiler\000 Drawings\004 HVAC\01 HVAC\0190327.rvt File: 07/18/2019 10:52:27 AM 1/2"=1'-0" 07/18/2019 10:52:27 AM 1/2"=1'-0" 07/18/2019 10:52:27 AM 1/2"=1'-0"