



GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL CABINERY AND WINDOW SILL DIMENSIONS PRIOR TO SUBMITTING SHOP DRAWINGS FOR UNIT VENTILATORS.
2. ALL CONTROLS WORK TO BE DONE BY DISTRICT BMS PROVIDER HONEYWELL. CONTACT: BOB GARVEY OR SEAN YATES
O: 973-455-2503 C: 908-963-0467
C: 862-579-8821
3. ALL NEW UNIT VENTILATORS, CABINET UNIT HEATERS, CONVECTORS, AND FIN TUBE TO BE INSTALLED DURING PHASE 2.
4. SEE H700 AND H701 FOR THE BOILER ROOM PHASING PLANS.
5. NEW CLASSROOM EXHAUST FAN RELIEF TO BE INSTALLED DURING PHASE 2.
6. EXISTING UV LOUVERS TO REMAIN. ALTERNATE NO 1. TO REPLACE WITH NEW. PROVIDE INTEL AND MATCH WITH LIKE CONSTRUCTION.

KEY NOTES:

1. FURNISH AND INSTALL NEW UNIT VENTILATOR, TEMPERATURE SENSOR, WALL BOX, AND FIN-TUBE. MODIFY EXISTING CABINERY AS NECESSARY TO FIT NEW UNIT. EXISTING EXTERIOR LOUVER TO REMAIN AND BE REUSED. CONTRACTOR TO CONSTRUCT CHASE WALL BEHIND UNIT TO ACCOMMODATE TRANSITION DUCTWORK.
2. FURNISH AND INSTALL NEW DDC TEMPERATURE SENSOR AND CONTROLS. COORDINATE ALL CONTROLS WORK WITH THE DISTRICTS CONTROLS PROVIDER.
3. FURNISH AND INSTALL NEW DDC TEMPERATURE SENSOR AND CONTROLS. ONE THERMOSTAT SHALL CONTROL THREE UNITS. COORDINATE ALL CONTROLS WORK WITH THE DISTRICTS CONTROLS PROVIDER.
4. FURNISH AND INSTALL NEW FIN TUBE BEHIND EXISTING CABINERY.
5. FURNISH AND INSTALL NEW CONVECTOR IN EXISTING CONVECTOR LOCATION. MODIFY WALL OPENING AS NECESSARY. PATCH AROUND NEW CONVECTOR AS NECESSARY AND MATCH TO EXISTING WALL.
6. FURNISH AND INSTALL NEW HOT WATER COIL FOR EXISTING FAN COIL UNIT. MANUFACTURER MODEL NUMBER: ENVIROTECH CDH-16. CONFIRM MANUFACTURER AND MODEL NUMBER PRIOR TO ORDERING.
7. RUN NEW REFRIGERANT PIPING FOR NEW COOLING COIL UP TO NEW CONDENSERS ON ROOF ABOVE. SIZE PIPING PER MANUFACTURER'S RECOMMENDATION. NEW REFRIGERANT PIPING TO BE RUN IN NEW PVC PIPE FORTRESS LINE SET COVERS. ROUTE NEW 3/4" CONDENSATE LINE OUT THE BACK OF THE UNIT AND TERMINATE 6" ABOVE GROUND DIRECTED AWAY FROM THE BUILDING.
8. PROVIDE NEW LOUVER OPENINGS. SEE LINTEL SCHEDULE ON H900. PATCH WITH LIKE CONSTRUCTION.
9. ALTERNATE MC-01: TO REPLACE EXISTING LOUVER WITH NEW LOUVER. SEE LINTEL SCHEDULE ON H900. PATCH WITH LIKE CONSTRUCTION.
10. FURNISH AND INSTALL NEW CABINET UNIT HEATER AN EXISTING CABINET UNIT HEATER LOCATION. MODIFY WALL OPENING AS NECESSARY. PATCH AROUND NEW CABINET UNIT HEATER AS NECESSARY AND MATCH TO EXISTING WALL.

PROJECT INFORMATION

Project Number
13294.23
Client Name
SUFFERN CSD

PROJECT NAME

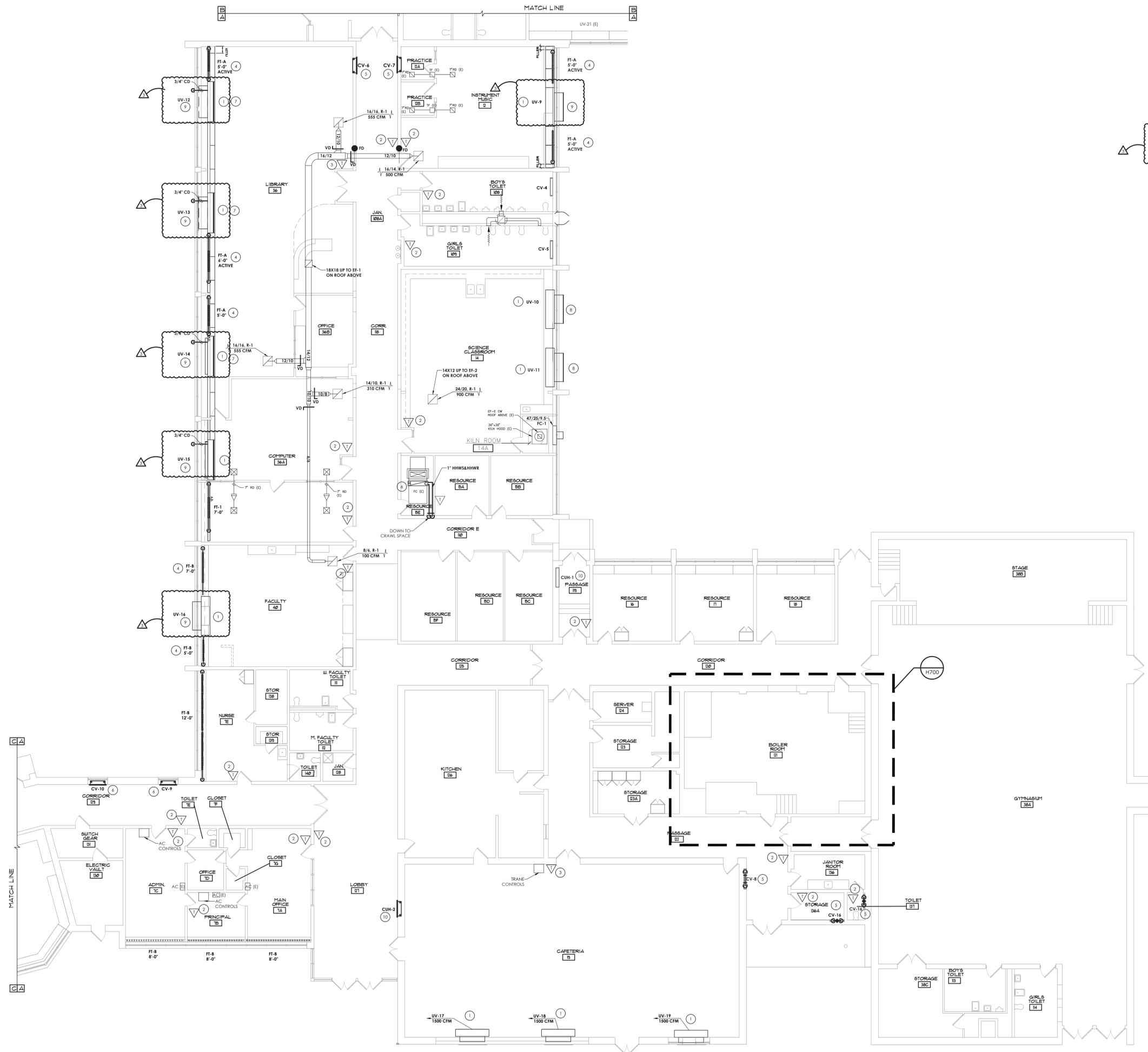
RP CONNOR - BOILER
CONVERSION

SUFFERN CSD

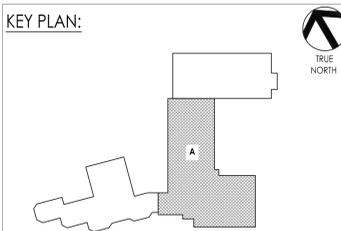
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PROJECT ISSUE & REVISION SCHEDULE

No. Date Description
1 7/13/2023 RD ADD/REV #3



1 FIRST FLOOR PLAN - AREA A
SCALE: 1/8" = 1'-0"

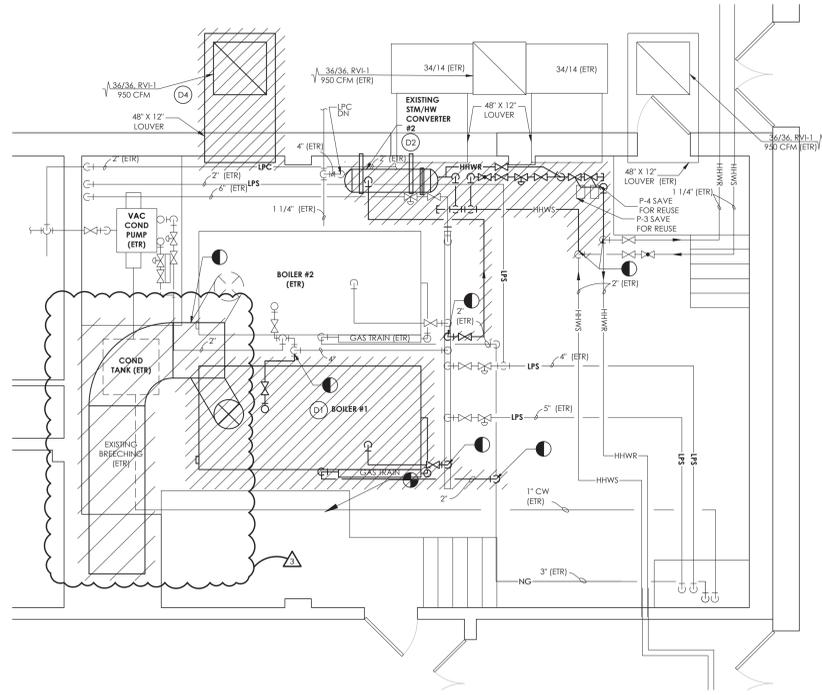


PROFESSIONAL STAMPS

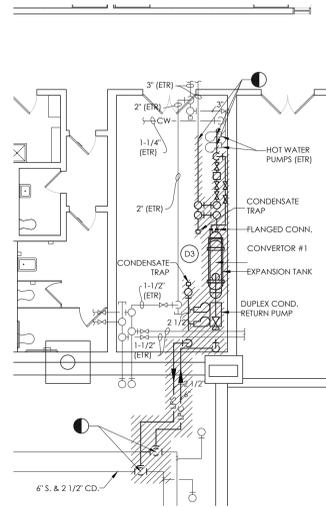
SHEET INFORMATION

Issue Date: 06/15/2023
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Checked By: AJS
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Drawing Number: RPC H201A

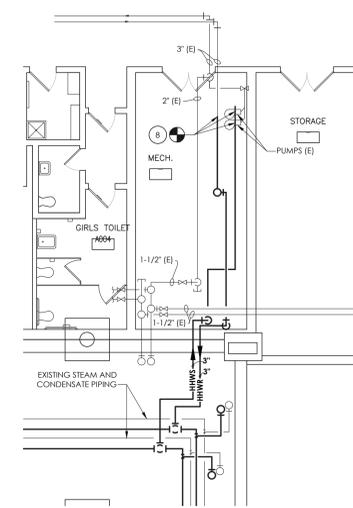
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Date last accessed: 7/13/2023 10:17 AM
Date last plotted: 7/13/2023 11:05 AM
Plotted By: Brandon Mazza



1 **BOILER ROOM DEMOLITION PLAN PHASE 1**
SCALE: 1/4" = 1'-0"



3 **MECHANICAL ROOM DEMOLITION PLAN PHASE 1**
SCALE: 1/4" = 1'-0"



4 **MECHANICAL ROOM NEW WORK PLAN PHASE 1**
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- ALL CONTROLS WORK TO BE DONE BY DISTRICT BMS PROVIDER HONEYWELL.
CONTACT: BOB GARVEY OR SEAN YATES
O: 973-455-2503 C: 908-963-0467
C: 845-579-8821
- BOILER 2 AND EXISTING STEAM SYSTEM TO REMAIN OPERATIONAL DURING PHASE 1. NEW HOT WATER PIPING TO BE RUN THROUGHOUT THE BUILDING IN PREPARATION OF PHASE 2.

DEMOLITION KEY NOTES:

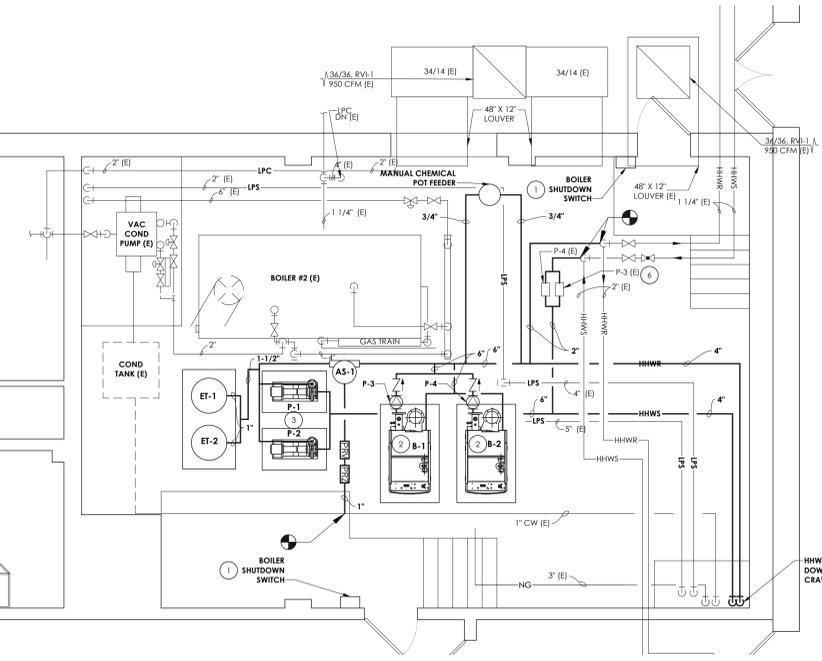
- (D1) REMOVE EXISTING BOILER #1 IN ITS ENTIRETY INCLUDING GAS TRAIN, ALL PIPING TO POINTS INDICATED, AND EXHAUST FLUE BACK AND BREECING IN ITS ENTIRETY.
- (D2) REMOVE EXISTING STEAM TO HOT WATER HEAT EXCHANGER IN ITS ENTIRETY INCLUDING ALL STEAM AND CONDENSATE PIPING BACK TO MAINS. REMOVE HOT WATER PIPING BACK TO POINT INDICATED. CLEAN AND SAVE EXISTING HOT WATER PUMPS P-3 AND P-4 TO BE REUSED.
- (D3) REMOVE EXISTING STEAM TO HOT WATER HEAT EXCHANGER IN ITS ENTIRETY INCLUDING ALL STEAM AND CONDENSATE PIPING BACK TO MAINS AND CAP. STEAM PIPING TO BE MAINTAINED OPERATIONAL DURING PHASE 1. CLEAN AND SAVE EXISTING HOT WATER PUMPS TO BE REUSED.
- (D4) REMOVE EXISTING OUTDOOR AIR LOUVER, DUCTWORK AND GRAVITY VENT ON ROOF. EXISTING OPENING TO BE REUSED AN RESIZED FOR NEW COMBUSTION AIR OPENINGS. MAINTAIN ALL ROOF WARRANTIES.

KEY NOTES:

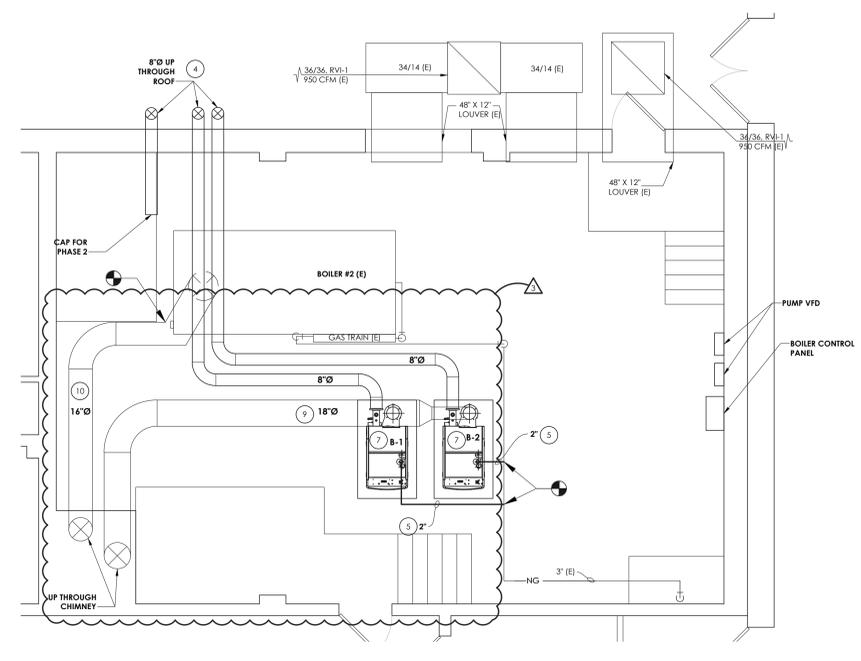
- 1 PROVIDE NEW BOILER SHUTDOWN SWITCH AT BOILER ROOM EXITS.
- 2 INSTALL NEW BOILERS IN LOCATION SHOWN. PROVIDE NEW 6" CONCRETE HOUSEKEEPING PAD.
- 3 INSTALL NEW HOT WATER HEATING PUMPS. PROVIDE NEW 6" HOUSEKEEPING PAD.
- 4 PROVIDE 6" COMBUSTION AIR DUCT FROM EACH BOILER UP THROUGH ROOF. TERMINATE ON ROOF WITH GOOSENECK AND BIRDSCREEN. MODIFY AND USE EXISTING COMBUSTION AIR OPENINGS IF POSSIBLE. SEAL ALL UNUSED OPENING WITH LIKE CONSTRUCTION. MAINTAIN ALL ROOF WARRANTIES.
- 5 PROVIDE NEW VENT FOR GAS REGULATORS PER MANUFACTURER'S RECOMMENDATION.
- 6 REUSE EXISTING PUMPS FOR GYM LOOP.
- 7 PROVIDE CONDENSATE DRAIN PIPING WITH NEUTRALIZATION KIT AND ROUTE TO NEAREST FLOOR DRAIN.
- 8 REUSE EXISTING HOT WATER PUMPS SERVING AREA B AND CONNECT TO NEW HOT WATER PIPING.
- 9 INSTALL NEW 18" FLUE AND ROUTE TO NEW BOILERS. RUN NEW 18" FLUE UP THROUGH EXISTING CHIMNEY AND TERMINATE WITH VENT CAP AND BIRD SCREEN.
- 10 PROVIDE NEW 16" EXHAUST FLUE FOR EXISTING BOILER 2. CONNECT TO EXISTING FLUE AND RUN NEW FLUE UP THROUGH EXISTING CHIMNEY AND TERMINATE WITH VENT CAP AND BIRD SCREEN.

PROJECT INFORMATION

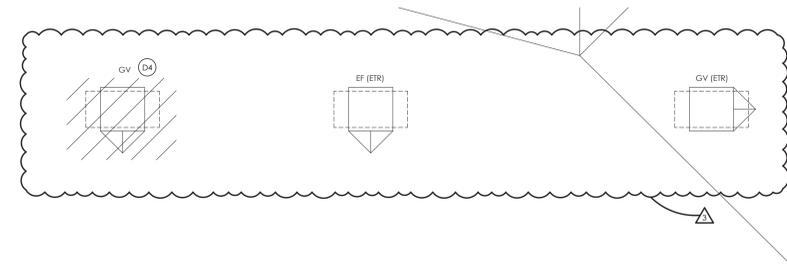
Project Number: 13294.23
Client Name: SUFFERN CSD
Project Name: RP CONNOR - BOILER CONVERSION
District Office Address: SUFFERN CENTRAL SCHOOL DISTRICT, 45 MOUNTAIN AVENUE, HILLBURN, NY 10931
SUFFERN CSD
100-4000000-000001
PROJECT ISSUE & REVISION SHEET
No. Date Description
1 7/13/2023 100-4000000-000001



2 **BOILER ROOM NEW WORK PIPING PLAN PHASE 1**
SCALE: 1/4" = 1'-0"



5 **BOILER ROOM NEW WORK GAS, BREECING, AND COMBUSTION AIR PLAN PHASE 1**
SCALE: 1/4" = 1'-0"



6 **ROOF DEMOLITION PLAN PHASE 1**
SCALE: 1/4" = 1'-0"

KEY PLAN:

