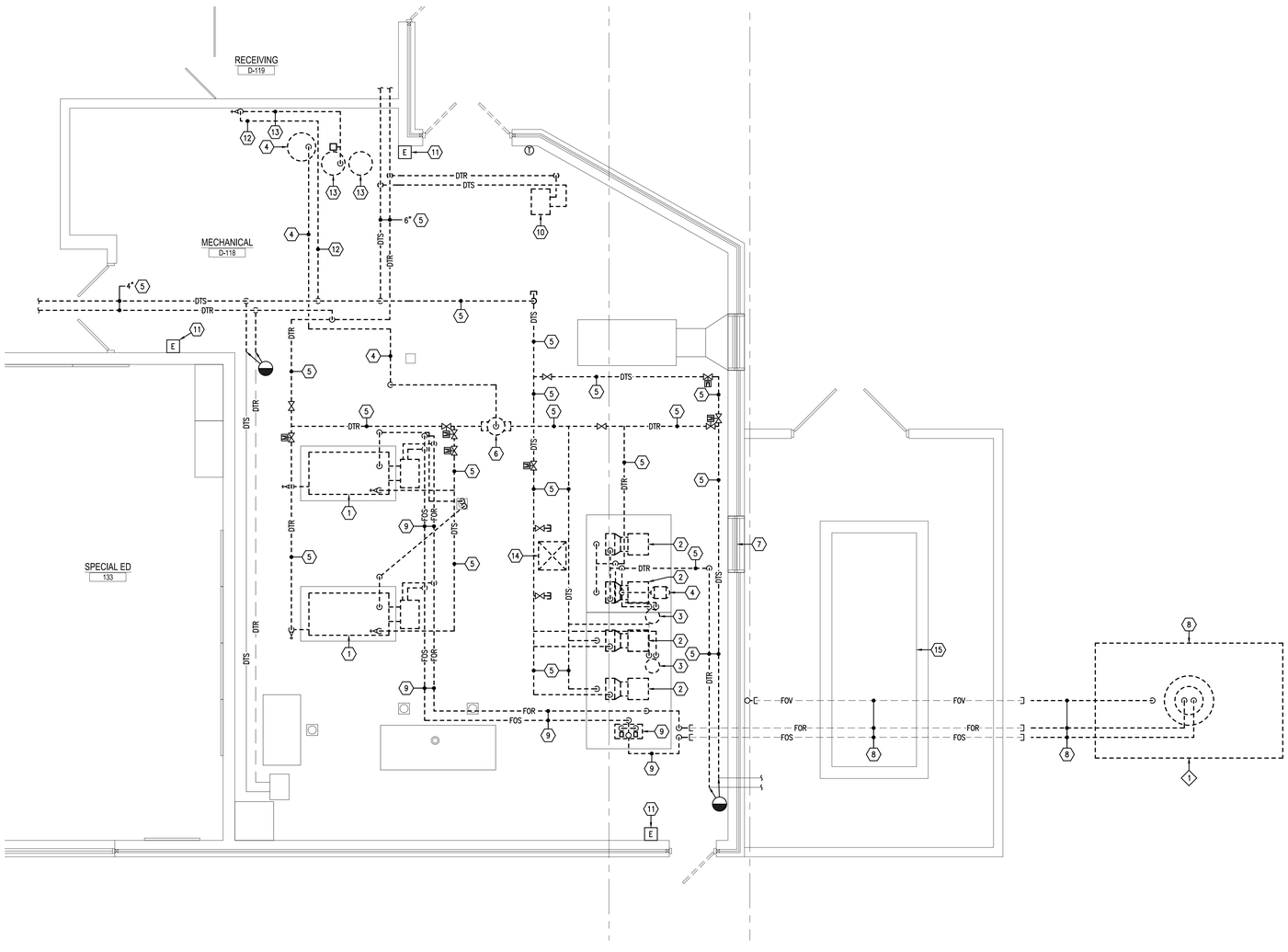


BOILER ROOM PLAN - HVAC DEMOLITION

SCALE: 1/4" = 1'-0"

THE DEMOLITION WORK INDICATED IS INTENDED TO ASSIST HVAC CONTRACTOR AND GIVE GENERAL INFORMATION. HVAC CONTRACTOR SHALL BE REQUIRED TO VISIT THE PROJECT SITE PRIOR TO BIDDING TO FULLY ACQUAINT HIMSELF WITH THE EXTENT OF ALL DEMOLITION WORK WHICH IS NECESSARY TO COMPLETE THE ALTERATIONS AND NEW CONSTRUCTION AS DESCRIBED IN THE CONTRACT DOCUMENTS. ALL DEMOLITION WORK REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE WHETHER INDICATED ON THE DRAWING OR NOT. HVAC CONTRACTOR WILL NOT BE ENTITLED TO ANY CLAIMS FOR ADDITIONAL COMPENSATION RELATED TO REQUIRED DEMOLITION.

THE HVAC CONTRACTOR WILL BE RESPONSIBLE TO FOLLOW THE PROJECT PHASING SCHEDULE AND ONLY REMOVE SYSTEM COMPONENTS FROM AREAS OF THE PROJECT THAT ARE NO LONGER OCCUPIED AND ARE WITHIN THE CURRENT PHASING LIMITATIONS.

THE HVAC CONTRACTOR WILL NEED TO PROVIDE ALL REQUIRED ISOLATION VALVES AND TEMPORARILY HVAC CONNECTIONS NECESSARY TO KEEP THE EXISTING HEATING/COOLING SYSTEMS FULLY OPERATIONAL WITHIN THE OCCUPIED PORTIONS OF THE BUILDING THROUGHOUT THE ENTIRE LENGTH OF THE PROJECT.

GENERAL DEMOLITION NOTES:

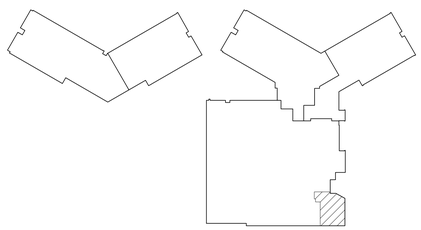
1. COORDINATE THE SALVAGE AND DISPOSAL OF ALL EQUIPMENT WITH THE OWNER. THE CONTRACTOR SHALL RETURN TO THE OWNER ANY ITEM NOTED OR NOT NOTED, ON THE DRAWINGS, AT THE OWNERS REQUEST. ALL REMAINING EQUIPMENT IS TO BE DISPOSED OF BY THE CONTRACTOR.
2. COORDINATE AND SCHEDULE ALL WORK IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS AND PHASING PLANS AS REQUIRED TO ACCOMMODATE PROJECT PHASING.
3. REFER TO PROJECT PHASING DRAWING AND SCHEDULE. PROVIDE ALL LABOR AND MATERIAL NECESSARY TO ACCOMMODATE PROJECT PHASING.
4. ALL PATCHING AND REPAIRING OF SURFACES AND HOLES LEFT OPEN DUE TO DEMOLITION OR REMOVAL OF EXISTING PIPING AND EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. PATCH EXISTING CONSTRUCTION USING MATERIALS THAT MATCH THE EXISTING ADJACENT SURFACES OR TO RECEIVE NEW FINISHES AS SCHEDULED.
5. THE CONTRACTOR WILL PROVIDE ALL CUTTING, PATCHING AND BACKFILL REQUIRED FOR THEIR WORK.
5. ALL EXISTING EQUIPMENT AND PIPING SHOWN MUST BE VERIFIED IN THE FIELD. ANY HVAC EQUIPMENT NOT SHOWN SHALL BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO REMOVAL.
6. PRIOR TO REMOVAL OF ANY EXISTING HVAC EQUIPMENT THAT CONTAINS REFRIGERANT THE HVAC CONTRACTOR SHALL REMOVE AND RECOVER THE ENTIRE CONTENT OF THE REFRIGERANT AND ALL ASSOCIATED OIL IN THE EXISTING EQUIPMENT. ALL REFRIGERANT/OIL RECOVERY EQUIPMENT IS REQUIRED TO BE CERTIFIED BY AN EPA-APPROVED TESTING ORGANIZATION TO ASSURE THAT THE EQUIPMENT MEETS EPA STANDARDS BASED ON THE TESTING METHOD ESTABLISHED BY AHRI STANDARD 740. REMOVAL OF ALL CFC AND HCFC REFRIGERANTS MUST CONFORM TO THE REQUIREMENTS OF THE ENVIRONMENTAL PROTECTION AGENCY. ALL WORK IS TO BE PERFORMED BY AN EPA CERTIFIED TECHNICIAN.
7. WHERE EVER EXISTING CONCRETE EQUIPMENT PADS ARE REMOVED, THE FLOOR MUST BE RE-FINISHED COMPLETELY SMOOTH TO MATCH ALL EXISTING ADJACENT SURFACES WITH NO STEPS OR DIPS.

KEYED DEMOLITION NOTES:

1. REMOVE EXISTING BOILER, BURNER, BREECHING AND ALL ASSOCIATED PIPING, VALVES, INSULATIONS, HANGERS, SUPPORTS AND CONTROLS IN THEIR ENTIRETY. EXISTING CONCRETE EQUIPMENT PAD SHALL REMAIN FOR REUSE.
2. REMOVE EXISTING BASE MOUNTED PUMP AND ALL ASSOCIATED PIPING, VALVES, INSULATIONS, HANGERS, SUPPORTS, CONTROLS IN THEIR ENTIRETY. EXISTING CONCRETE EQUIPMENT PAD SHALL REMAIN FOR REUSE.
3. REMOVE EXISTING SHOT FEEDER AND ALL ASSOCIATED PIPING, INSULATION, VALVES, SUPPORTS AND HANGERS IN THEIR ENTIRETY.
4. REMOVE EXISTING EXPANSION TANK AND ALL ASSOCIATED PIPING, VALVES, INSULATIONS, HANGERS AND SUPPORTS IN THEIR ENTIRETY.
5. REMOVE EXISTING DUAL TEMPERATURE SYSTEM PIPING, VALVES, INSULATION, HANGERS AND SUPPORTS IN THEIR ENTIRETY BACK TO POINTS INDICATED AND CAP.
6. REMOVE EXISTING AIR SEPARATOR AND ALL ASSOCIATED PIPING, VALVES, INSULATIONS, HANGERS AND SUPPORTS IN THEIR ENTIRETY.
7. EXISTING OUTSIDE AIR INTAKE LOUVER, ASSOCIATED WALL SLEEVE AND MOTOR OPERATED DAMPER SHALL REMAIN FOR REUSE, REMOVE EXISTING DAMPER ACTUATOR AND ALL ASSOCIATED CONTROLS IN THEIR ENTIRETY.
8. REMOVE EXISTING 5000 GALLON UNDERGROUND FUEL OIL STORAGE TANK AND ALL ASSOCIATED FUEL OIL SUPPLY, RETURN AND VENT PIPING, CONTROLS, LEVEL SENSORS, MANWAYS AND CONCRETE PADS ABOVE AND BELOW TANK IN THEIR ENTIRETY. EXISTING FUEL OIL SUPPLY, RETURN AND VENT PIPING LOCATED UNDER CHILLER PAD SHALL BE THOROUGHLY CLEANED, FLUSHED, CAPPED AND ABANDONED IN PLACE. REFER TO FUEL OIL TANK EXCAVATION DETAIL SHOWN ON DRAWING H-5 FOR EXCAVATION AND REMOVAL REQUIREMENTS.
9. REMOVE EXISTING DUPLEX FUEL OIL TRANSFER PUMP ASSEMBLY AND ALL ASSOCIATED FUEL OIL SUPPLY, RETURN AND VENT PIPING, HANGERS, SUPPORTS AND CONTROLS IN THEIR ENTIRETY.
10. REMOVE EXISTING UNIT HEATER AND ALL ASSOCIATED PIPING, VALVES, INSULATION, HANGERS, SUPPORTS AND CONTROLS IN THEIR ENTIRETY. SALVAGE EXISTING UNIT HEATER FOR REUSE.
11. REMOVE EXISTING BOILER SAFETY SHUT-OFF SWITCH IN ITS ENTIRETY.
12. REMOVE EXISTING MAKE-UP WATER PIPING AND ALL ASSOCIATED INSULATION, VALVES, HANGERS AND SUPPORTS BACK IN THEIR ENTIRETY.
13. REMOVE EXISTING GLYCOL DRUMS AND ASSOCIATED PUMP, PIPING AND CONTROLS IN THEIR ENTIRETY.
14. REMOVE EXISTING SUPPLY DUCTWORK FROM ROOF MOUNTED SUPPLY FAN IN ITS ENTIRETY.
15. EXISTING CHILLER SHALL REMAIN.

KEYED DRAWING NOTES:

1. BACKFILL EXCAVATED FUEL OIL TANK PIT AREA WITH STRUCTURAL FILL IN COMPACTED 8" LIFTS, FINISH WITH 12" OF CLEAN AND SCREENED TOP SOIL. PROVIDE GRASS SEED, STARTER FERTILIZER AND STRAW OVER ENTIRE AREA THAT WAS DAMAGED DURING TANK REMOVAL.



N KEY PLAN
NO SCALE

CONSOLIDATED ENGINEERS
1022 James Drive
Leesport, PA 19533
Tel 610-916-1600 Fax 610-916-1610
Internet www.consolidatedengineers.com

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL
ADAM NICHOLAS MOSER
ENGINEER
No. PE074080

AEM ARCHITECTS INC.
3700 PERKIOMEN AVENUE, READING, PA 19606-2795
Phone: 610.779.3220 Fax: 610.779.8022
www.aem-arch.com

BOILER ROOM PLAN - HVAC DEMOLITION

RENOVATIONS TO THE
REAMSTOWN ELEMENTARY SCHOOL
COCALICO SCHOOL DISTRICT
SOUTH REAMSTOWN ROAD, REAMSTOWN, PENNSYLVANIA, LANCASTER COUNTY, PA.

All DIMENSIONS and EXISTING CONDITIONS shall be CHECKED and VERIFIED by the CONTRACTOR at the SITE.

JOB NO.:	22011.00
DRAWN BY:	RLC
DATE:	04.14.23

H-7