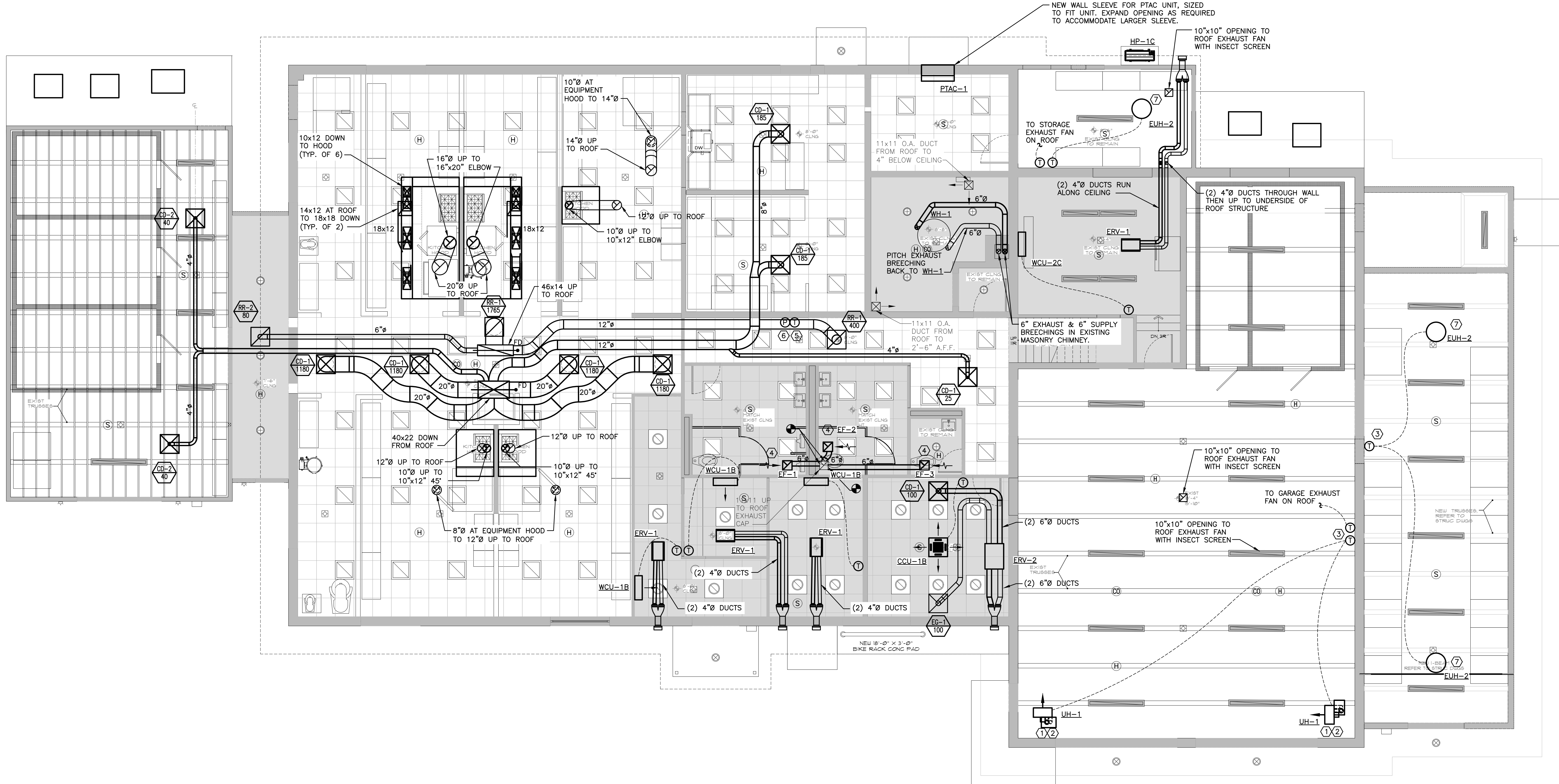




1 HVAC: CONSTRUCTION FIRST FLOOR DUCTWORK PLAN

SCALE: 3/16"=1'-0"

GENERAL NOTES:

1. INSTALL ERV WEATHER HOODS PER MANUFACTURER'S RECOMMENDATIONS.
2. INSULATE AND INSTALL ALL REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS.
3. PROVIDE WEATHER SLEEVE FOR EXTERIOR REFRIGERANT PIPING; ROUTE PIPING IN SLEEVE EXCEPT FOR CONNECTIONS TO EXTERIOR UNITS.
4. ROUTE ALL INTERIOR EQUIPMENT CONDENSATE DRAINS TO NEAREST UTILITY SINK OR VENT STACK. PROVIDE CONDENSATE PUMPS AND, IF CONNECTING TO A VENT STACK, PROVIDE FUNNEL DRAINS WITH AIR GAPS.

CONSTRUCTION KEYED NOTES:

1. 4" Ø COMBUSTION AIR AND EXHAUST VENT LINE UP TO CONCENTRIC VENT ADAPTER BOX, THEN 6" Ø OUTER DUCT & 4" Ø INNER DUCT UP THROUGH ROOF.
2. SUSPEND UH-1 FROM BOTTOM OF ROOF SUPPORT STRUCTURE PER MANUFACTURER'S INSTRUCTIONS AT 12'-0" A.F.F.
3. SINGLE THERMOSTAT TO CONTROL TWO UNIT HEATERS. PROVIDE RELAYS/ADAPTER KITS AS NECESSARY TO FACILITATE THIS CONTROL METHODOLOGY.
4. EXHAUST FAN TO BE OPERATED VIA SIGNAL FROM ROOM OCCUPANCY SENSOR. COORDINATE CONTROLS WITH ELECTRICAL CONTRACTOR.
5. DOAS TEMPERATURE SENSOR BELOW DROP CEILING FOR UNOCCUPIED OPERATION. COORDINATE FINAL LOCATION IN FIELD WITH ENGINEER.
6. DOAS PRESSURE SENSOR BELOW DROP CEILING FOR OCCUPIED OPERATION. COORDINATE FINAL LOCATION IN FIELD WITH ENGINEER.
7. MOUNT UNIT FROM ROOF STRUCTURE PER MANUFACTURER'S RECOMMENDATIONS.

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW. FELLENER ENGINEERING, LLP CERTIFICATE OF AUTHORIZATION #: 0017795

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DESIGNED BY: RW DRAWN BY: WPB APPROVED BY: EDF FE PROJECT #: 23-369

1" = 8' 0"

REFERENCE SCALE

PEEKSKILL FIREHOUSE KITCHEN INCUBATOR

City of Peekskill (Owner)
701 Washington Street
Peekskill, New York 10566
S-B-L: 32.20.9-1
City of Peekskill - Westchester County

DRAFT CONSTRUCTION DOCUMENT - NOT FOR PERMIT OR CONSTRUCTION

Date: September 17, 2024

Revisions:

H1.01

JTA
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NOTES:

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NO. 073044-1
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