



1 FIRST FLOOR HVAC PLAN - NEW WORK
M 7

SCALE: 1/8"=1'-0"

GENERAL NOTES

1. ALL EXISTING HVAC AND PIPING WAS TAKEN FROM EXISTING DOCUMENTS. VERIFY EXISTING DUCT SIZES, PIPE SIZES AND LOCATIONS PRIOR TO STARTING WORK.
2. COORDINATE ALL WORK AND INTERRUPTIONS WITH THE OWNER PRIOR TO BEGINNING WORK.

NEW WORK PLAN NOTES

1. DX-1/DX-2 CASSETTE INDOOR UNIT LOCATED IN CEILING. CONDENSING UNIT CU-1/CU-2 LOCATED ON NOA RATED STAND ON ROOF. INSULATED REFRIGERANT PIPING TO SPLIT SYSTEM UNITS. CONTRACTOR TO VERIFY ALL CLEARANCES ON SITE. REFER TO MANUFACTURERS SPECIFICATIONS FOR PIPE LENGTH LIMITATIONS AND SIZING.
2. FULL SIZED INSULATED COOPER CONDENSATE DRAIN ROUTED TO NEAREST CONDENSATE RECEPTACLE DRAIN. COORDINATE WITH PLUMBING.
3. WALL MOUNTED HARD WIRED T-STAT FOR DX-1 & -2.
4. LOCATION OF DUCT MOUNTED STATIC PRESSURE SENSOR.
5. DOUBLE WALL DUCT FROM THIS POINT BACK TO RTU.
6. RETURN/SUPPLY DUCTWORK UP TO RTU.
7. ALL EXPOSED DUCTWORK SHALL BE OF DOUBLE WALL CONSTRUCTION.
8. TYPICAL SMOKE DETECTOR LOCATED IN THE SUPPLY DUCT BEFORE THE FIRST BRANCH TAKEOFF FOR EACH RTU. SMOKE DETECTOR TO BE PROVIDED AND WIRED UNDER DIVISION 26, AND MOUNTED UNDER DIVISION 23. WIRE TO ACTIVATE FIRE ALARM SYSTEM UPON DETECTION OF SMOKE. THE FAN SHALL SHUT DOWN UPON ACTIVATION OF ANY STATION OF THE FIRE ALARM SYSTEM.
9. EXHAUST DUCTWORK UP TO ROOF MOUNTED GRAVITY VENTILATOR GV-1-1.
10. EXHAUST DUCTWORK UP TO ROOF MOUNTED GRAVITY VENTILATOR GV-2-1.
11. EXHAUST DUCTWORK UP TO ROOF MOUNTED GRAVITY VENTILATOR GV-2-2.
12. RELIEF DUCTWORK UP TO ROOF MOUNTED GRAVITY VENTILATOR GV-4-1.
13. RELIEF DUCTWORK UP TO ROOF MOUNTED GRAVITY VENTILATOR GV-6-1.
14. WALL MOUNTED FAN CONTROLLER FOR EXHAUST FANS EF 7-2, EF-7-3, AND EF-7-4. PROVIDE CATEGORY 5 COMMUNICATION WIRING BETWEEN WALL CONTROLLER AND FANS IN CONDUIT.
15. COORDINATE QUANTITY, DIAMETER, AND LOCATIONS OF EF 7-2, EF-7-3, AND EF-7-4 WITH WAREHOUSE FURNITURE PLAN AND THE MANUFACTURER'S REQUIREMENTS FOR CLEAR SPACE.
16. EXISTING EXHAUST FANS EF-7 AND EF-8 DUCT OPENING ABANDONED IN PLACE FOR FUTURE USE BY LANDLORD.

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Bidding, Permit and
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