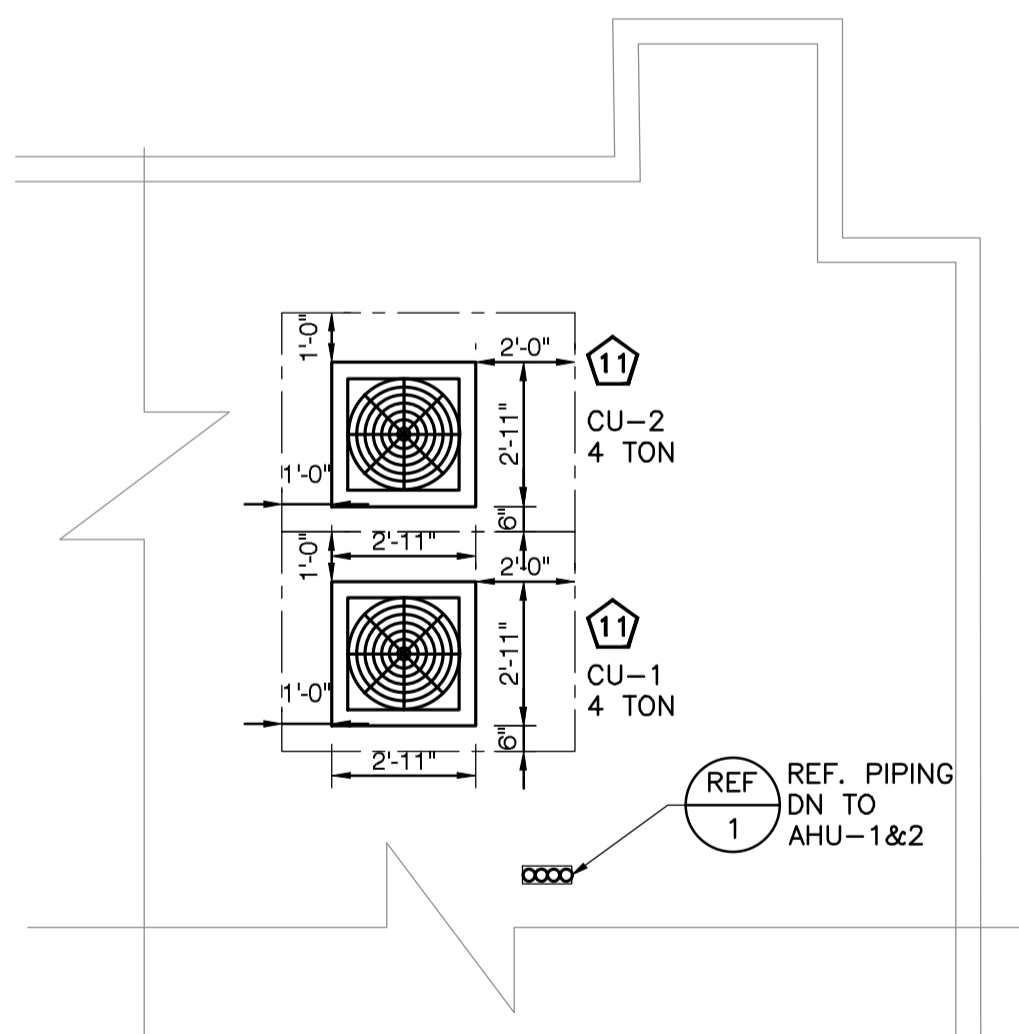


GENERAL NOTES:

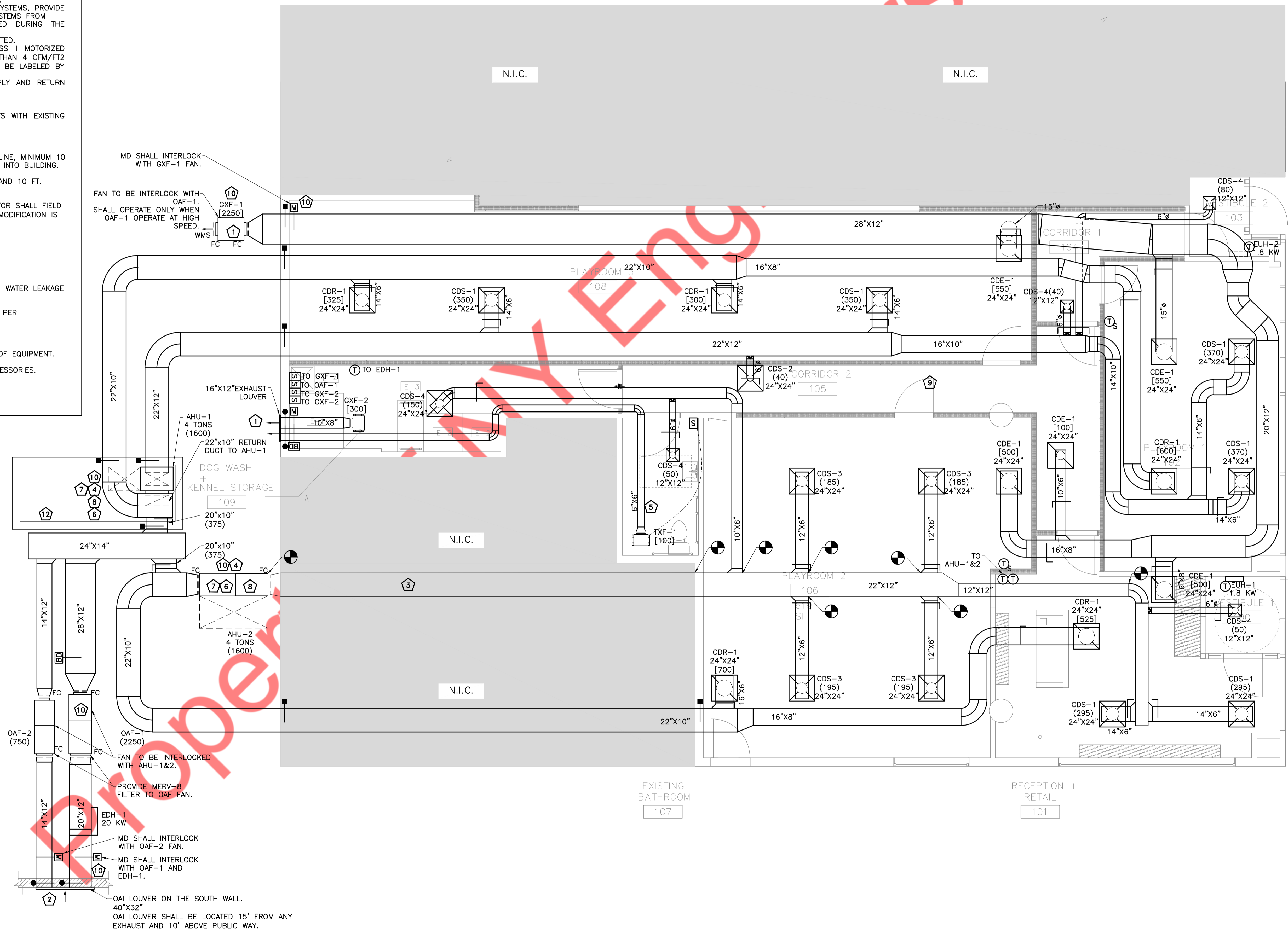
- BEFORE STARTING DEMOLITION, PROVIDE NECESSARY PROTECTIVE DEVICES WHERE REQUIRED AND IN STRICT ACCORDANCE WITH OSHA AND ICRA REGULATIONS.
- TAKE NECESSARY PRECAUTIONS TO PREVENT DUST AND DIRT MIGRATING TO OCCUPIED AREAS OF THE BUILDING. THIS INCLUDES BLANKING OFF ANY RETURN AIR GRILLES/ DUCTS IN THE WORK AREA. PROVIDE TEMPORARY EXHAUST FANS, DUCTED DIRECTLY TO OUTDOORS, TO MAINTAIN NEGATIVE PRESSURE WITHIN THE WORK AREA.
- KEEP ALL ADJOINING AREAS ADJACENT TO THE WORK AREAS CLEAN AND FREE OF DEBRIS.
- ALL DEMOLISHED MATERIALS SHALL BE REMOVED AND DISPOSED OF OFF SITE.
- REPAIR/ REPLACE EXISTING EQUIPMENT/ MATERIALS NOT SCHEDULED OR NOTED TO BE DEMOLISHED BUT BECOME DAMAGED DURING THE PROGRESS OF THE WORK. MAKE ANY AND ALL SUCH REPAIRS, REPLACEMENTS, MODIFICATIONS TO RESTORE THE DAMAGED ITEMS TO THEIR ORIGINAL CONDITIONS AT THE TIME OF DAMAGE, TO THE SATISFACTION OF AND AT NO ADDITIONAL COST TO THE OWNER.
- COORDINATE CUTTING, PATCHING OF EXISTING WALLS, CEILINGS, AND FLOORS AFFECTED BY MECHANICAL DEMOLITION WITH G.C.
- CAP AND SEAL AIR TIGHT ALL POINTS AT WHICH DUCTWORK IS REMOVED FROM DUCTWORK THAT WILL REMAIN. RE-INSULATE REMAINING DUCTWORK TO MAINTAIN VAPOR BARRIER.
- DURING CONSTRUCTION, AFTER CONNECTION OF NEW DUCTWORK TO EXISTING SYSTEMS, PROVIDE TEMPORARY ROLL FILTER MEDIA ON ALL AIR DEVICES TO PROTECT EXISTING SYSTEMS FROM CONSTRUCTION DUST AND DEBRIS. IF EXISTING SYSTEM IS CONTAMINATED DURING THE CONSTRUCTION, THE ENTIRE EXISTING DUCT SYSTEM SHALL BE CLEANED.
- EXISTING PIPING SERVING OTHER FLOORS SHALL REMAIN AND MUST BE PROTECTED.
- OUTDOOR AIR INTAKE, EXHAUST OPENINGS SHALL BE PROVIDED WITH CLASS 1 MOTORIZED DAMPERS. THE DAMPERS SHALL HAVE AN AIR LEAKAGE RATE NOT GREATER THAN 4 CFM/FT² OF DAMPER SURFACE AREA AT 1.0 INCH WATER GAUGE (249 PA) AND SHALL BE LABELED BY AN APPROVED AGENCY WHEN TESTED IN ACCORDANCE WITH AMCA 500D.
- PROVIDE R-12 INSULATION FOR OAI DUCT AND R-6 INSULATION FOR SUPPLY AND RETURN DUCT.
- PROVIDE 1" CONDENSATE DRAIN FOR ALL AHUS.
- PROVIDE WEATHER PROOF COATING FOR ALL EXTERIOR PIPING INSULATION.
- CONTRACTOR TO FIELD VERIFY AND COORDINATE LOCATION OF NEW CU UNITS WITH EXISTING EQUIPMENT ON ROOF AND FDNY ACCESS PATH.

KEY NOTES:

- ALL EXHAUST FANS/LOUVER SHALL BE LOCATED MINIMUM 3 FEET FROM LOT LINE, MINIMUM 10 FEET FROM OUTSIDE AIR INTAKE AND 3 FEET AWAY FROM OPERABLE OPENING INTO BUILDING.
- LOCATE OUTSIDE AIR INTAKE MIN. 15 FT. AWAY FROM ANY EXHAUST SOURCE AND 10 FT. AWAY FROM PUBLIC WAY.
- EXISTING DUCTWORK TO REMAIN AND TO BE RE-USED. MECHANICAL CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND COORDINATE W/ DESIGN ENGINEER IF ANY MODIFICATION IS TO BE DONE.
- REMOVE EXISTING FURNACE ALONG WITH ALL ACCESSORIES.
- REMOVE EXISTING FAN WITH ALL ACCESSORIES.
- CONNECT CD TO NEAREST SINK W/ AIR GAP FITTING.
- PROVIDE SECONDARY CONDENSATE PUMP AND DRIP PAN UNDER AC UNIT WITH WATER LEAKAGE SENSOR AND ALARM TO SHUT THE UNIT.
- INSTALL AIR INTAKE VENTS AND EXHAUST VENTS FOR AIR HANDLING UNITS AS PER MANUFACTURER'S RECOMMENDATION.
- DEMOLISH ALL EXISTING HVAC SYSTEMS.
- COORDINATE WITH CONTROL ENGINEER FOR ALL SEQUENCING AND CONTROLS OF EQUIPMENT.
- INSTALL OUTDOOR CONDENSING UNITS ON THE ROOF WITH ALL REQUIRED ACCESSORIES. COORDINATE EXACT LOCATION IN FIELD.
- EXISTING MECHANICAL ROOM TO REMAIN.



2 PARTIAL ROOF PLAN
1/4" = 1'-0"



1 MECHANICAL FLOOR PLAN
1/4" = 1'-0"