

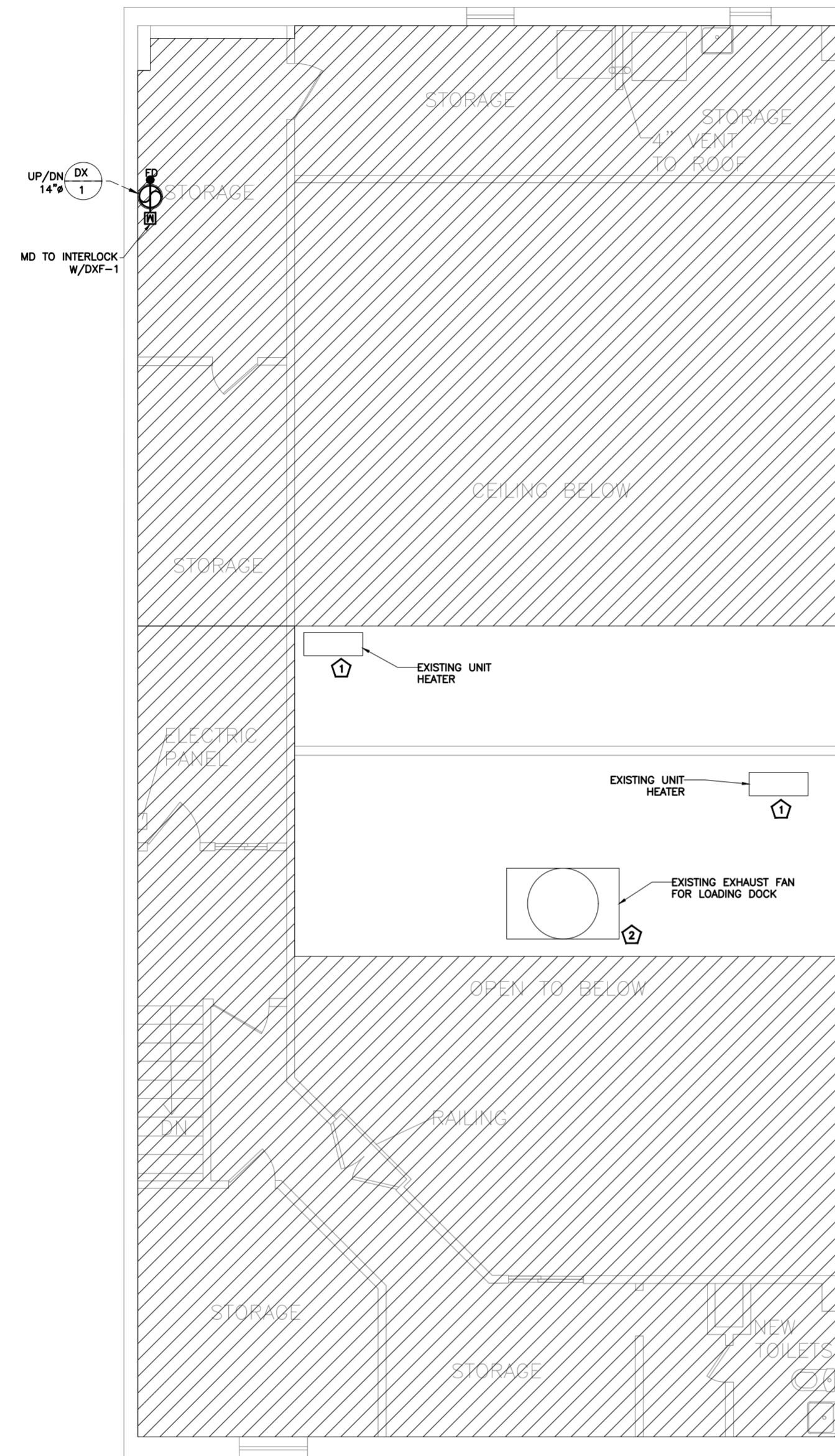
KEY NOTES:

- 1 32X32 OAI LOUVER SHALL BE 10 FEET ABOVE GRADE, 10 FEET AWAY FROM LOTLINE AND ANY EXHAUST.
- 2 1" CD TO NEAREST FUNNEL DRAIN W/ AIR GAP. COORDINATE W/PLUMBING DRAWING.
- 3 EXISTING GRILLE TO BE REUSED. CONTRACTOR TO BALANCE PER NEW DESIGNED CFM AS SHOWN ON PLAN.
- 4 NOT USED.
- 5 EXISTING UNIT TO REMAIN.
- 6 NOT USED
- 7 DISHWASHER HOOD. CONTRACTOR TO FIRST TEST AIR BALANCING OF INLINE HOOD FAN AND SET NEW INLINE FAN MAF-G-1 VFD TO BE +200 CFM GREATER THAN HOOD CFM.
- 8 PROVIDE NEW FLEXIBLE CONNECTION, VIBRATION ISOLATOR AND SEAL FLUE PIPE PROPERLY FOR EXISTING DAIKIN UNIT
- 9 NOT USED.

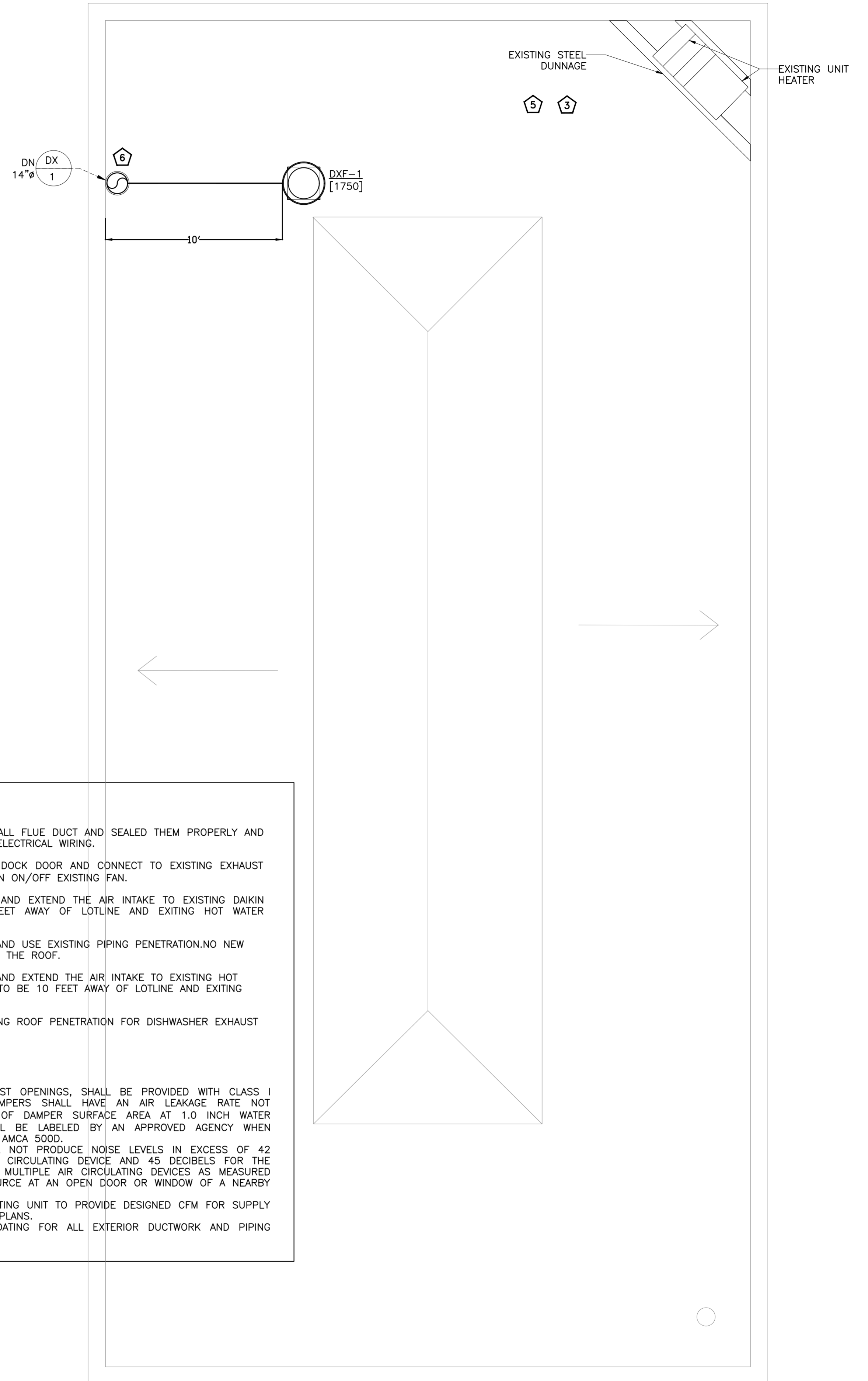
NOTES:

- 1 PROVIDE 2" INSULATION FOR OAI DUCT AND 1.5" INSULATION FOR SUPPLY AND RETURN AIR DUCT
- 2 OUTDOOR AIR INTAKE, EXHAUST OPENINGS, STAIRWAY AND SHAFT VENTS 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.
- 3 CONTRACTOR TO CLEAN ALL EXISTING DUCTWORK AND GRILLES TO BE RE-USED.
- 4 CONTRACTOR TO PROVIDE ACCESS PANELS FOR ALL DAMPERS.
- 5 CONTRACTOR TO SUBMIT AIR BALANCING REPORT WITH EXISTING CONDITIONS AFTER CLEANING ALL DUCTWORK AND AIR OUTLETS AND BEFORE START OF NEW INSTALLATION. AFTER INSTALLATION ALL EXISTING AIR OUTLETS TO BE BALANCED AS PER EXISTING AIR BALANCING REPORT AND NEW OUTLETS TO DESIGN CFM'S, SUBMIT AIR BALANCING REPORTS TO NEW YORK ENGINEERS FOR APPROVAL.
- 6 CONTRACTOR SHALL ADJUST VOLUME DAMPER TO ADJUST CFM PER DRAWINGS FOR EXISTING GRILLS IF NOT EXIST.
- 7 CONTRACTOR TO ADJUST EXISTING UNIT TO PROVIDE DESIGNED CFM FOR SUPPLY AIR AS INDICATED ON FLOOR PLANS.
- 8 CONTRACTOR TO FIELD VERIFY ALL FLUE DUCTS AND SEALED THEM PROPERLY.

1 GROUND FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



1 PROPOSED CONSTRUCTION 2ND FLOOR
SCALE: 1/4" = 1'-0"



- KEY NOTES:**
- 1 CONTRACTOR TO FIELD VERIFY ALL FLUE DUCT AND SEALED THEM PROPERLY AND PROVIDE ENCLOSURE FOR ALL ELECTRICAL WIRING.
 - 2 PROVIDE SENSOR ON LOADING DOCK DOOR AND CONNECT TO EXISTING EXHAUST FAN TO BE AUTOMATICALLY TURN ON/OFF EXISTING FAN.
 - 3 CONTRACTOR TO FIELD VERIFY AND EXTEND THE AIR INTAKE TO EXISTING DAIKIN UNIT ON ROOF TO BE 10 FEET AWAY OF LOTLINE AND EXITING HOT WATER HEATER FLUE.
 - 4 CONTRACTOR TO FIELD VERIFY AND USE EXISTING PIPING PENETRATION.NO NEW PENETRATIONS CAN BE MADE IN THE ROOF.
 - 5 CONTRACTOR TO FIELD VERIFY AND EXTEND THE AIR INTAKE TO EXISTING HOT WATER HEATER UNIT ON ROOF TO BE 10 FEET AWAY OF LOTLINE AND EXITING HOT WATER HEATER FLUE.
 - 6 CONTRACTOR SHALL USE EXISTING ROOF PENETRATION FOR DISHWASHER EXHAUST DUCT AT ROOF.
- NOTES:**
- 1. 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.
 - 2. AIR CONDITIONER UNIT SHALL NOT PRODUCE NOISE LEVELS IN EXCESS OF 42 DECIBELS FOR A SINGLE AIR CIRCULATING DEVICE AND 45 DECIBELS FOR THE CUMULATIVE NOISE LEVEL OF MULTIPLE AIR CIRCULATING DEVICES AS MEASURED 3 FEET FROM THE NOISE SOURCE AT AN OPEN DOOR OR WINDOW OF A NEARBY RESIDENCE.
 - 3. CONTRACTOR TO ADJUST EXISTING UNIT TO PROVIDE DESIGNED CFM FOR SUPPLY AIR AS INDICATED ON FLOOR PLANS.
 - 4. PROVIDE WEATHER PROOF COATING FOR ALL EXTERIOR DUCTWORK AND PIPING INSULATION.

1 SECOND FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

1 ROOF MECHANICAL PLAN
SCALE: 1/4" = 1'-0"