MD AT ROOF LEVEL,-MD TO INTERLOCK W/EXISTING DAIKIN UNIT & SET TO 20% OF SUPPLY CFM EXISTING EXISTING AHU-1-THERMOSTAT 24X12 [800] UP DX EXHAUST 24"ø 14"ø\ 1 HOOD DISHWASHER-EXHAUST DUCT SG 3 (400) 24X6 24X12 [800] MAKE: ACCUREX MODEL: XD1-42.00-S 3 SG (175) 10X6 SG 6 NOT USED (175)10X6 SG (175) 10X6 __10X6 SG N,I.C 3 SG (175) 10X6 (175) 10X6 SECTION-7 VAT ROOM 160 SQ.FT MOUNTED 3 SECTION-3 AC UNIT POP AREA (175) 10X6 48X/10 (1950)VD 4 MANUAL ON/OFF SWITCH-FOR MAF-G-1 EUH-G-1 1.5 KW CONTRACTOR TO-INTERLOCK MAF-G-1 WITH EXISTING DISHWASHER HOOD FAN EDH-G-1 20 KW FILTER MD TO INTERLOCK-W/ MAF-G-1 MOTORIZED DAMPER--MAKEUP AIR LOUVER (TYP.) W/FSD TO OPEN WHEN FAN (1950) 32"X36" IS ACTIVATED

KEY NOTES:

- 32X32 OAI LOUVER SHALL BE 10 FEET ABOVE GRADE, 10 FEET AWAY FROM LOTLINE AND ANY EXHAUST.
- 1" CD TO NEAREST FUNNEL DRAIN W/ AIR GAP. COORDINATE W/PLUMBING DRAWING.
- EXISTING GRILLE TO BE REUSED. CONTRACTOR TO BALANCE PER NEW DESIGNED CFM AS SHOWN ON PLAN.
- MOT USED.
- 5 EXISTING UNIT TO REMAIN.
- 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.
- PROVIDE NEW FLEXIBLE CONNECTION, VIBRATION ISOLATOR AND SEAL FLUE PIPE PROPERLY FOR EXISTING DAIKIN UNIT
- 9 NOT USED.
- 1 PROVIDE 2" INSULATION FOR OAI DUCT AND 1.5" INSULATION FOR SUPPLY AND RETUEN
- 2 OUTDOOR AIR INTAKE, EXHAUST OPENINGS, STAIRWAY AND SHAFT VENTS SHALL BE PROVIDED WITH CLASS I 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 ACCORDANCÉ 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 OUTLET'S 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.

GROUND FLOOR MECHANICAL PLAN

