



**GENERAL NOTES**

- (A) ALL WORK METHODS AND INSTALLATIONS INVOLVED IN THE MECHANICAL DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE AND INSPECTION REGULATIONS AND ALL OTHER ORDINANCES HAVING JURISDICTION.
- (B) THIS CONTRACTOR SHALL COORDINATE ROUTING OF DUCT WORK IN LIMITED CEILING SPACES WITH PLUMBING PIPES, ELECTRICAL EQUIPMENT, LIGHTS AND CONDUITS. SHOULD A CONFLICT OCCUR, THIS CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE ROUTING OF MATERIALS.
- (C) CONTRACTOR TO VERIFY LOCATIONS FOR NEW CONDENSER UNITS & ROOF TOP UNITS BEFORE INSTALL.
- (D) CONTRACTOR TO VERIFY LOCATION OF EXISTING GAS PIPE & ROUTING OF NEW GAS PIPE TO ROOF TOP UNITS.
- (E) ALL EXHAUST VENT FANS ARE EXISTING AND TO REMAIN AS "NOT IN USE", UNLESS NOTED OTHERWISE.

**KEYED NOTES**

- (1) CONTRACTOR TO VERIFY LOCATIONS FOR NEW CONDENSING UNITS & ROOF TOP UNITS BEING INSTALLED. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- (2) CONTRACTOR TO RUN REFRIGERANT LINES AND POWER DOWN THROUGH CONTRACTOR SUPPLIED ROOF JACK TO AHU(S) BELOW.
- (3) RUN CONDENSATE PVC LINES TO NEAREST ROOF DRAIN. SLOPE AT 1/8" PER FOOT.
- (4) DISCONNECT SWITCH PROVIDED BY ELECTRICAL CONTRACTOR.
- (5) CONTRACTOR TO ROUTE NEW GAS PIPING TO ROOF TOP UNITS. SEE SHEET P1.3 FOR DETAILS.
- (6) CONTRACTOR TO REMOVE EXISTING 16"X16" EXHAUST VENT FAN AND REPLACE WITH EXHAUST VENT ROOF CAP.
- (7) CONTRACTOR TO REMOVE EXISTING 54"X54" EXHAUST VENT FAN AND REPLACE WITH EXHAUST VENT ROOF CAP.
- (8) FORMULA USED FOR OUTSIDE AIR :  
 $80000 \text{ SQ. FT.} \times 0.09 = 4600 \text{ TIL CFM}$   
 $4600 \text{ TIL CFM} / 6 (\& \text{ OF UNITS}) = 810 \text{ CFM OF OUTSIDE AIR/AHU}$

ALL ROOF WORK: CUTTING, PATCHING, CURB SETS, CURB SEAL-OFF WILL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. NO EXCEPTIONS



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DRAWING NUMBER

M1.2

ROOF MECHANICAL PLAN  
 SCALE: 3/4"=1'-0"