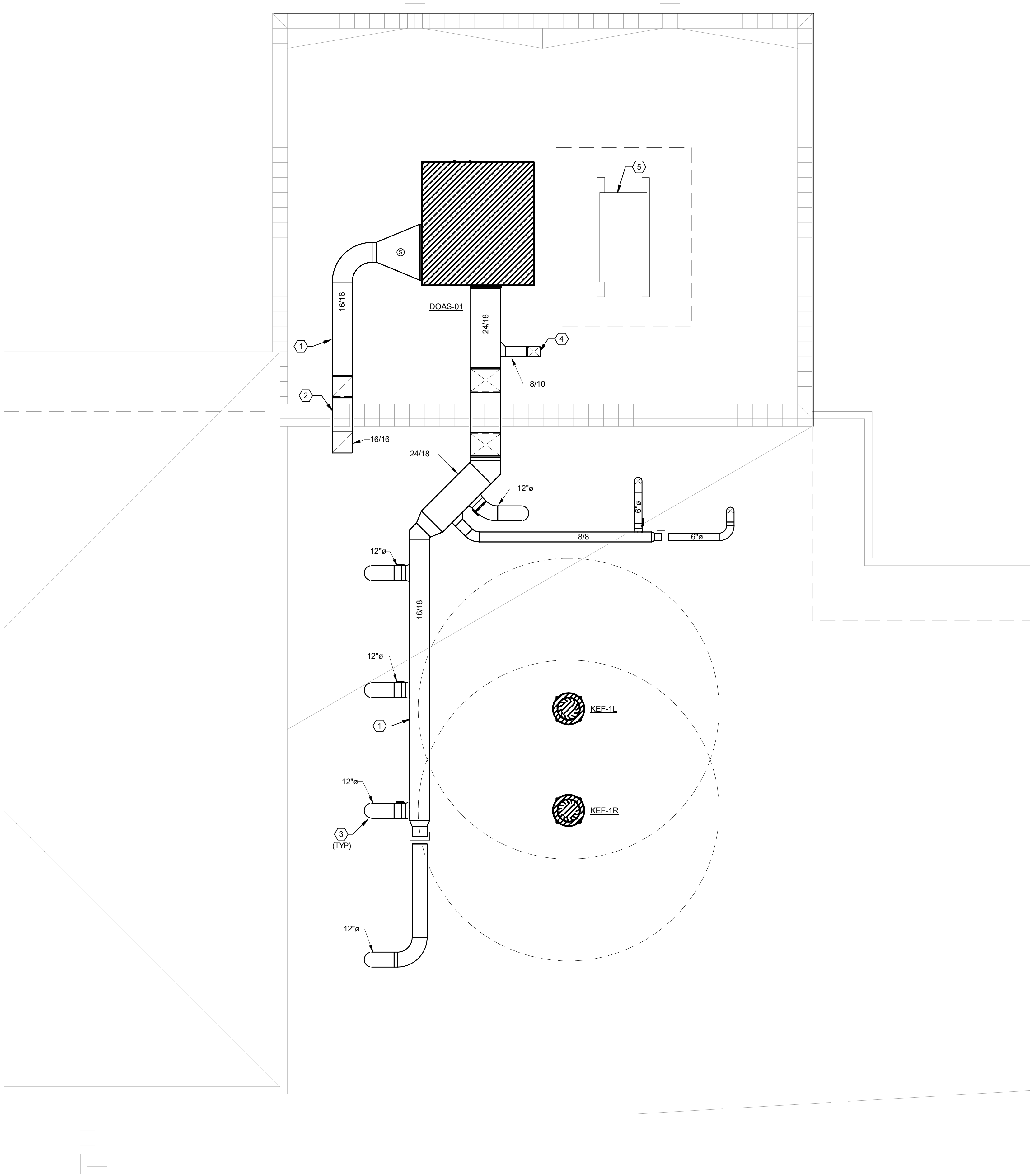




 **1 MECHANICAL ROOF PLAN**  
Scale: 1/4" = 1'-0"

### GENERAL NOTES

1. MAINTAIN A MINIMUM OF 10'-0" BETWEEN ALL OUTSIDE AIR INTAKES AND ANY EXHAUST OPENINGS.
2. MAINTAIN A MINIMUM OF 10'-0" BETWEEN ANY MECHANICAL ROOF EQUIPMENT AND ROOF EDGE WHERE PARAPET DOES NOT EXCEED 42".
3. COORDINATE THE EXACT LOCATION AND WEIGHT OF UNITS WITH STRUCTURAL ENGINEER AND ARCHITECT PRIOR TO INSTALLATION OF CURB.
4. ROUTE CONDENSATE TO NEAREST OPEN SITE. PROVIDE PIPE SUPPORTS PER SPECIFICATIONS. MAINTAIN A MINIMUM OF 1/8" PER FOOT SLOPE IN DIRECTION OF DISCHARGE. PROVIDE COPPER PIPE WITH PAINTED BLACK FINISH. COORDINATE WITH PC.
5. PROVIDE A BALANCING DAMPER ON ALL BRANCH DUCTWORK TO DIFFUSERS AND RETURN GRILLES.

### MECHANICAL KEYED NOTES

- |   |                                                                                                                                                                                                                   |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | DUCT ON ROOF SHALL BE ROUTED ABOVE ROOF TO ALLOW WATER TO DRAIN BELOW IT. DUCT CONSTRUCTION SHALL BE ROBUST IN ORDER TO PREVENT HAIL DAMAGE. CROSS CUT DUCT TO PREVENT WATER POOLING. ENSURE DUCT IS WATER TIGHT. |
| 2 | ROUTE DUCT OVER TOP OF PARAPET THEN DUCT DOWN INTO CEILING SPACE BELOW. KEEP DUCT TIGHT TO STRUCTURE.                                                                                                             |
| 3 | DUCT DOWN DIRECTLY TO AIR DEVICE BELOW.                                                                                                                                                                           |
| 4 | DUCT DOWN TO CEILING CAVITY BELOW.                                                                                                                                                                                |
| 5 | WALK IN COOLER AND FREEZER CONDENSING UNIT PROVIDED BY OTHERS.                                                                                                                                                    |

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KF  
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DG  
checked by  
APRIL 2026  
date

#### REVISIONS

| Δ | DESCRIPTION | DATE |
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SOUTHGATE  
ELEMENTARY  
KITCHEN UPGRADES  
and ADDITION

sheet no:

**M201**

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