

MECHANICAL GENERAL NOTES

SEE SHEET MH07-01 FOR ALL GENERAL NOTES APPLICABLE TO ENTIRE DRAWING SET

MECHANICAL PLAN NOTES

- M1 10"Ø DOWN WITH MANUAL DAMPER.
- M3 8"Ø UP TO EXHAUST RELIEF ON ROOF.
- M4 COORDINATE PLACEMENT OF SIDEWALL GRILLE WITH ALL TRADES PRIOR TO INSTALLATION. VERIFY EXACT LOCATION AND HEIGHT WITH ARCHITECT BEFORE INSTALLATION.
- M10 6"Ø DOWN WITH MANUAL DAMPER.
- M17 PROVIDE A PROTECTIVE COVER GUARD, VANDAL-RESISTANT (CORRIDORS, CAFETERIA, HALLS, & COMMONS AREAS).
- M34 8"Ø DOWN WITH MANUAL DAMPER.



1 MECHANICAL FLOOR PLAN - LEVEL ONE - SEGMENT A
1/8" = 1'-0"

3/16/2026 5:03:50 PM MH02-01MECHANICAL FLOOR PLAN - LEVEL ONE - SEGMENT B

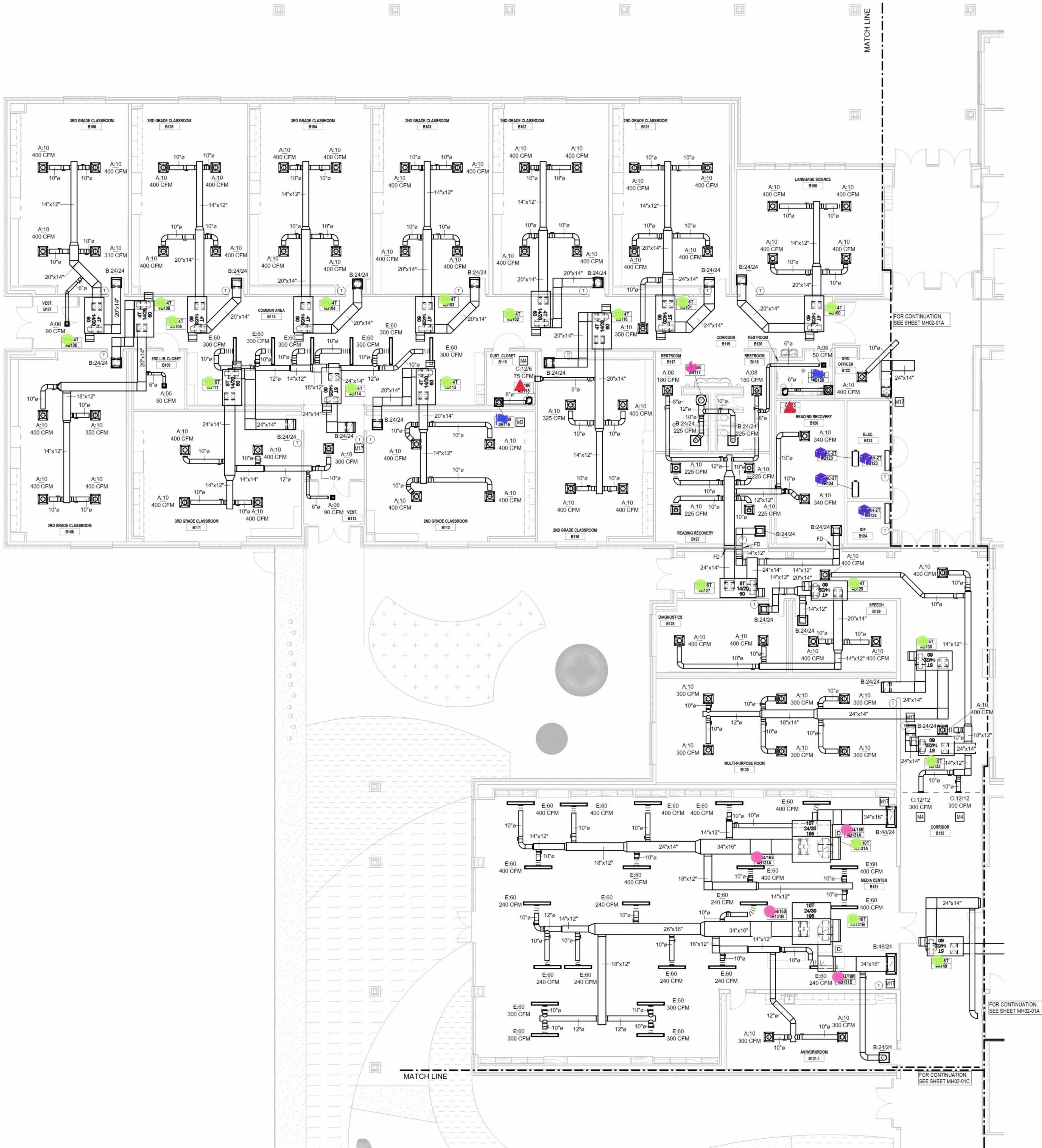
1 MECHANICAL FLOOR PLAN - LEVEL ONE - SEGMENT B
1/8" = 1'-0"

MECHANICAL GENERAL NOTES

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MECHANICAL PLAN NOTES

- M3 8"Ø UP TO EXHAUST RELIEF ON ROOF.
M4 COORDINATE PLACEMENT OF SIDEWALL GRILLE WITH ALL TRADES PRIOR TO INSTALLATION. VERIFY EXACT LOCATION AND HEIGHT WITH ARCHITECT BEFORE INSTALLATION.
M17 PROVIDE A PROTECTIVE COVER GUARD, VANDAL-RESISTANT (CORRIDORS, CAFETERIA, HALLS, & COMMONS AREAS).



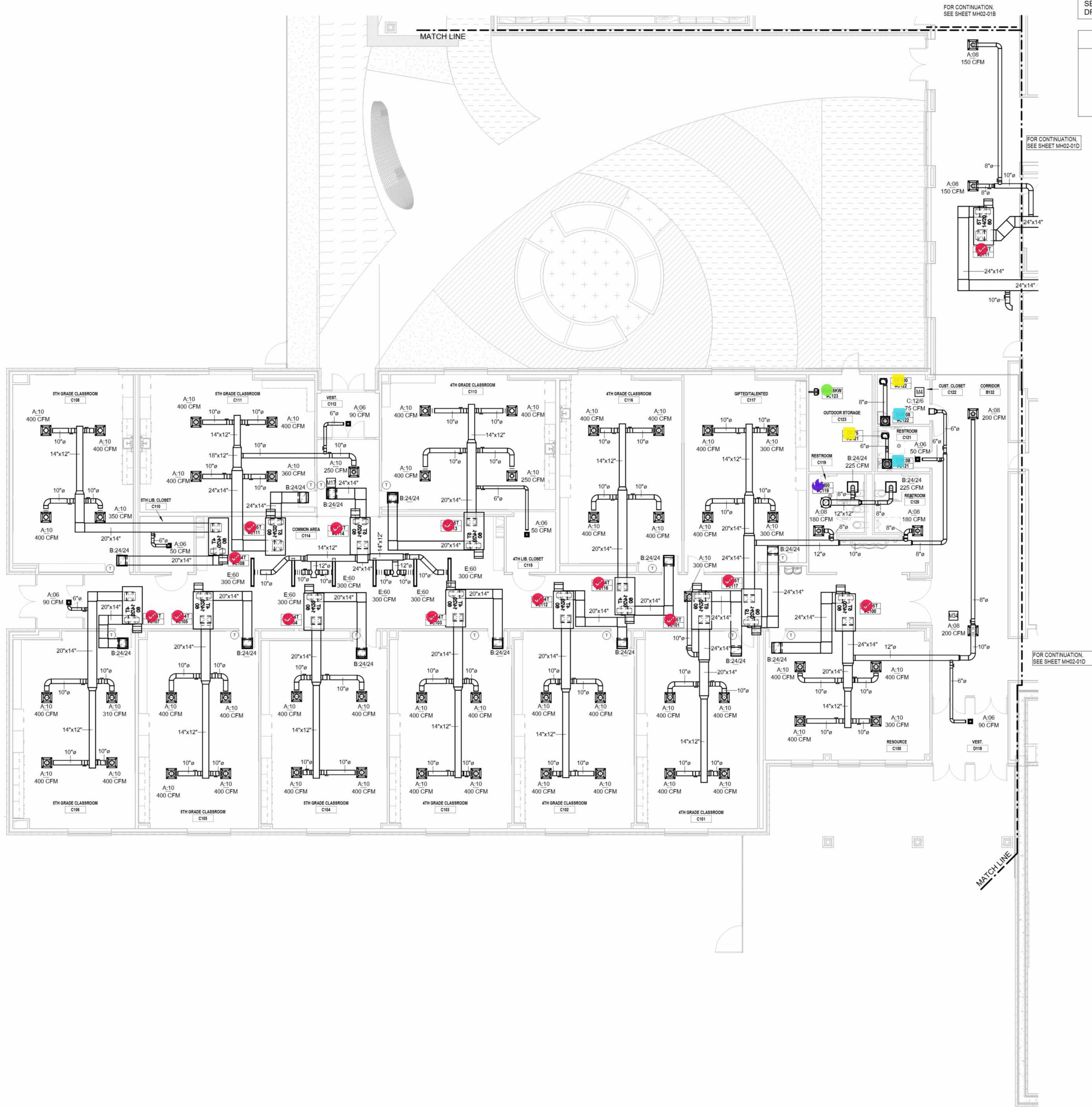
● Count					
● HVAC -RTU	19EA	● HVAC -GVR	2EA	● HVAC -MS	6EA
● HVAC -RF	1EA	● HVAC -CF	2EA	● HVAC -SA	4EA

MECHANICAL GENERAL NOTES

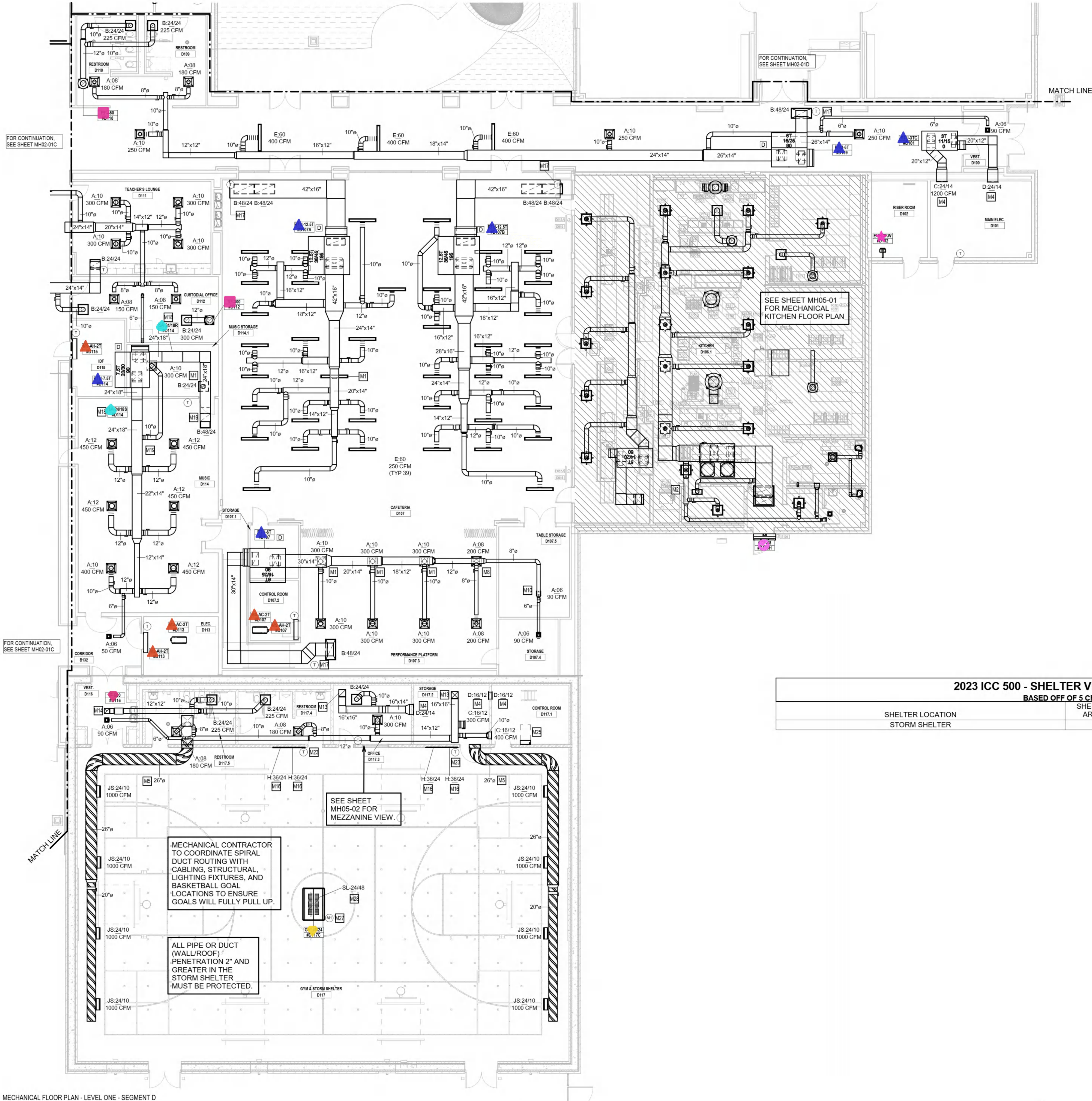
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MECHANICAL PLAN NOTES

- M4 COORDINATE PLACEMENT OF SIDEWALL GRILLE WITH ALL TRADES PRIOR TO INSTALLATION. VERIFY EXACT LOCATION AND HEIGHT WITH ARCHITECT BEFORE INSTALLATION.
- M17 PROVIDE A PROTECTIVE COVER GUARD, VANDAL-RESISTANT (CORRIDORS, CAFETERIA, HALLS, & COMMONS AREAS).
- M34 8"Ø DOWN WITH MANUAL DAMPER.



1 MECHANICAL FLOOR PLAN - LEVEL ONE - SEGMENT C
1/8" = 1'-0"



1 MECHANICAL FLOOR PLAN - LEVEL ONE - SEGMENT D
1/8" = 1'-0"

MECHANICAL GENERAL NOTES

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MECHANICAL PLAN NOTES

- M1 10"Ø DOWN WITH MANUAL DAMPER.
- M4 COORDINATE PLACEMENT OF SIDEWALL GRILLE WITH ALL TRADES PRIOR TO INSTALLATION. VERIFY EXACT LOCATION AND HEIGHT WITH ARCHITECT BEFORE INSTALLATION.
- M5 DOUBLE WALL PAINT-GRIP SPIRAL DUCT. COORDINATE COLOR WITH ARCHITECT.
- M8 WATER HEATER BY PLUMBING CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE CONCENTRIC FLUE/INTAKE PER MANUFACTURER'S REQUIREMENTS. MECHANICAL CONTRACTOR TO INSTALL FLUE UP THROUGH ROOF.
- M10 6"Ø DOWN WITH MANUAL DAMPER.
- M13 16" X 16" UP TO MEZZANINE ABOVE.
- M14 12" X 12" UP TO MEZZANINE ABOVE.
- M16 COORDINATE EXACT PLACEMENT AND HEIGHT OF HEAVY DUTY SIDEWALL RETURN GRILLE WITH ARCHITECT AND ALL TRADES PRIOR TO INSTALLATION.
- M17 PROVIDE A PROTECTIVE COVER GUARD, VANDAL-RESISTANT (CORRIDORS, CAFETERIA, HALLS, & COMMONS AREAS).
- M18 SOUND ATTENUATORS TO BE SEALED TO PREVENT SOUND LEAKS AND TO BE EQUAL TO KINETICS MODEL # KCRS AT 4'-0" LENGTH.
- M19 FOR ALL DUCT IN THIS ROOM, PROVIDE DUCTWORK INTERNALLY LINED WITH 1" ACOUSTICAL INSULATION. ROUTE DUCT AS HIGH AND TIGHT TO BOTTOM OF ROOF STRUCTURE AS POSSIBLE.
- M23 PROVIDE PROTECTIVE COVER GUARD FOR SENSOR. SHALL BE KELE ATK04 OR EQUAL.
- M25 STORM SHELTER CONTROL PANEL.
- M27 DAMPER "M1" SHALL BE FULLY CLOSED DURING NORMAL OPERATION AND FULLY OPEN DURING STORM MODE.
- M28 48" X 24" UP TO OUTSIDE AIR INTAKE ON ROOF. PENETRATION IS PROTECTED WITH STORM LOUVER SL-48/24 AT DUCTWORK ROOF PENETRATION.

2023 ICC 500 - SHELTER VENTILATION SCHEDULE

BASED OFF OF 5 CFM PER PERSON

SHELTER LOCATION	SHELTER FLOOR AREA (SQ. FT.)	SHELTER ZONE POPULATION	SHELTER CFM PER PERSON	SHELTER OA CFM REQUIRED
STORM SHELTER	6145	816	2.5	2040

Count

HVAC -RF

HVAC -RTU

2EA

6EA

HVAC -SA

HVAC -MS

2EA

5EA

HVAC -IF

HVAC -EUH

1EA

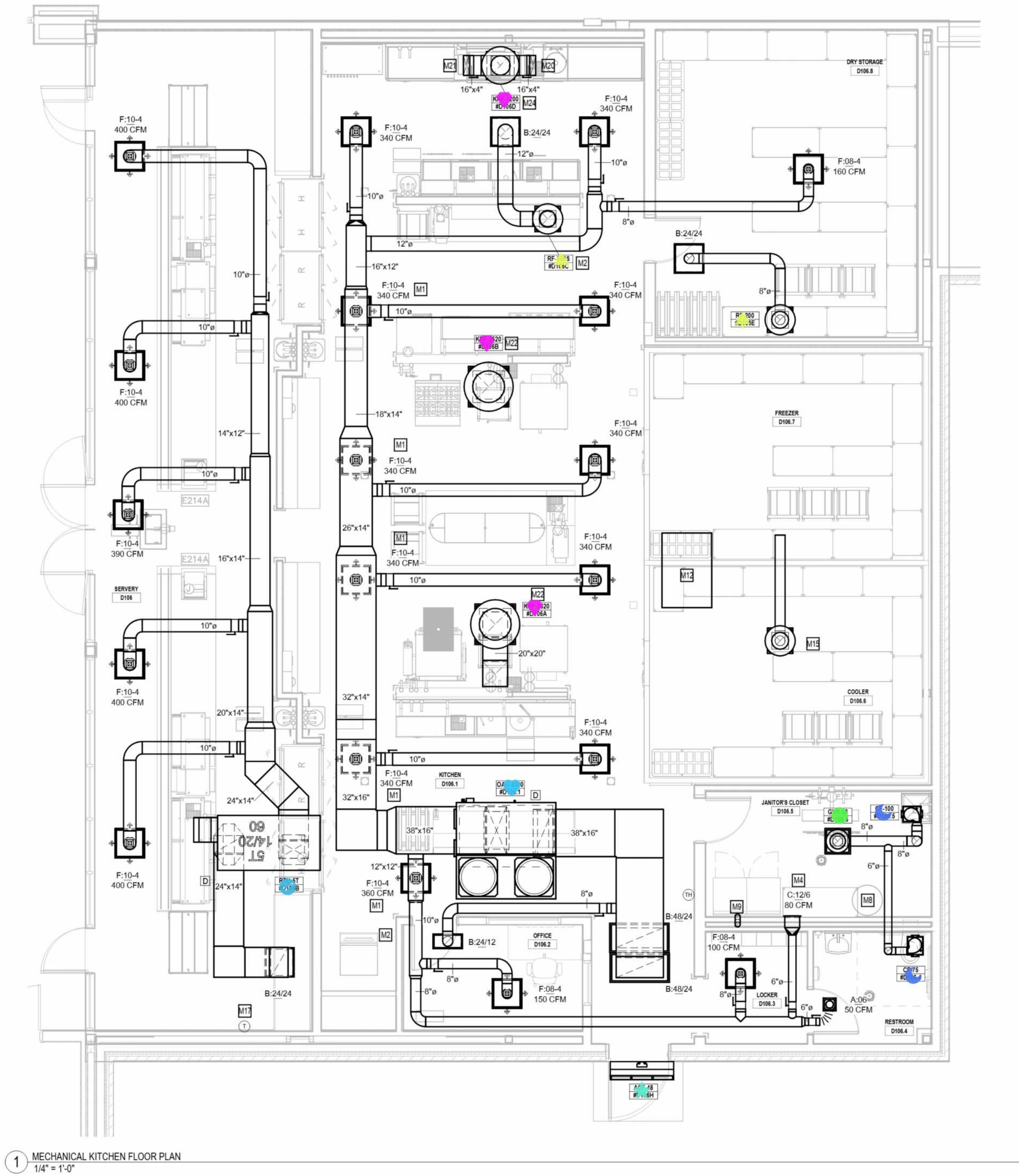
1EA

HVAC -ACF

HVAC -GVI

1EA

1EA



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MECHANICAL PLAN NOTES	
M1	10"Ø DOWN WITH MANUAL DAMPER.
M2	12"Ø UP TO EXHAUST FAN ON ROOF.
M4	COORDINATE PLACEMENT OF SIDEWALL GRILLE WITH ALL TRADES PRIOR TO INSTALLATION. VERIFY EXACT LOCATION AND HEIGHT WITH ARCHITECT BEFORE INSTALLATION.
M8	WATER HEATER BY PLUMBING CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE CONCENTRIC FLUE/INTAKE PER MANUFACTURER'S REQUIREMENTS. MECHANICAL CONTRACTOR TO INSTALL FLUE UP THROUGH ROOF.
M9	DRYER VENT SIZED PER MANUFACTURER'S RECOMMENDATION WITH BACKDRAFT DAMPER ABOVE CEILING UP TO GOOSENECK ON ROOF.
M12	COOLER / FREEZER CONDENSING UNIT ON ROOF. COORDINATE PLACEMENT WITH ALL TRADES PRIOR TO INSTALLATION.
M15	EXHAUST FAN TO EXHAUST SPACE ABOVE COOLER/FREEZER. COVER WITH 1/2" HARDWARE CLOTH.
M17	PROVIDE A PROTECTIVE COVER GUARD, VANDAL-RESISTANT (CORRIDORS, CAFETERIA, HALLS, & COMMONS AREAS).
M20	16" X 4" EXHAUST DUCT DOWN WITH MANUAL DAMPER TO HOOD. BALANCE FOR 400 CFM.
M21	16" X 4" EXHAUST DUCT DOWN WITH MANUAL DAMPER TO HOOD. BALANCE FOR 800 CFM.
M22	20" X 20" UP TO EXHAUST FAN ON ROOF.
M24	16" X 10" UP TO EXHAUST FAN ON ROOF.

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

Count

✓ HVAC -RTU

1EA

✓ HVAC -KRF

3EA

✓ HVAC -GVR

1EA

★ HVAC -ACF

1EA

★ HVAC -RF

2EA

✓ HVAC -CF

2EA

✓ HVAC -OAU

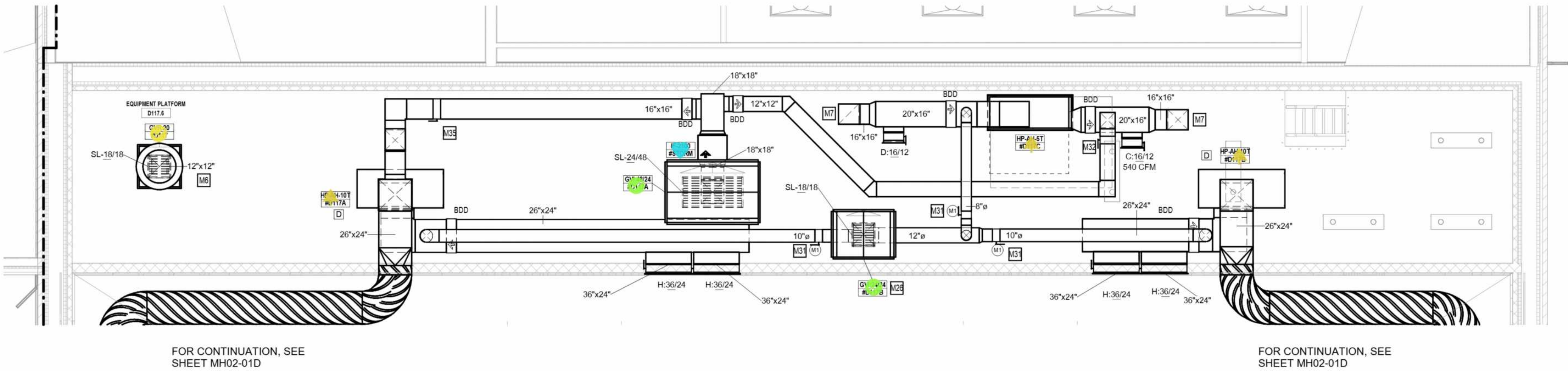
1EA

MECHANICAL GENERAL NOTES

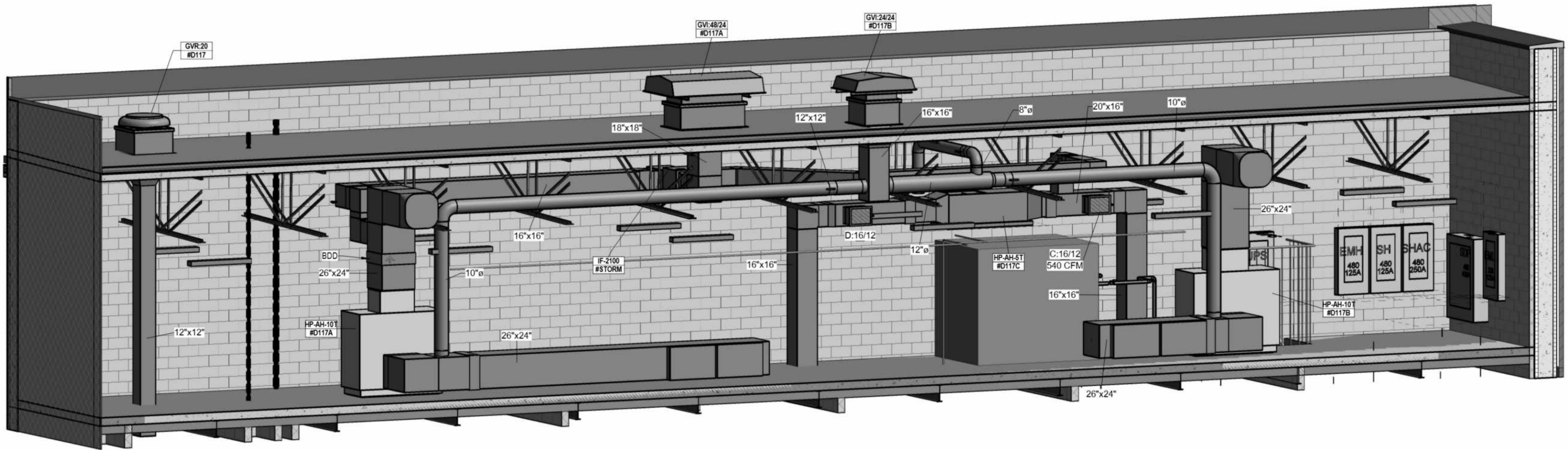
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MECHANICAL PLAN NOTES

- M6 12" X 12" UP TO EXHAUST RELIEF ON ROOF.
M7 16" X 16" DOWN THROUGH MEZZANINE FLOOR TO LEVEL BELOW.
M26 16" X 16" UP TO SL-18/18 AND GRAVITY INTAKE ON THE ROOF.
M31 DAMPER "M1" SHALL BE FULLY CLOSED DURING NORMAL OPERATION AND FULLY OPEN DURING STORM MODE.
M32 BALANCE FOR 525 CFM.
M35 BALANCE FOR 1575 CFM.

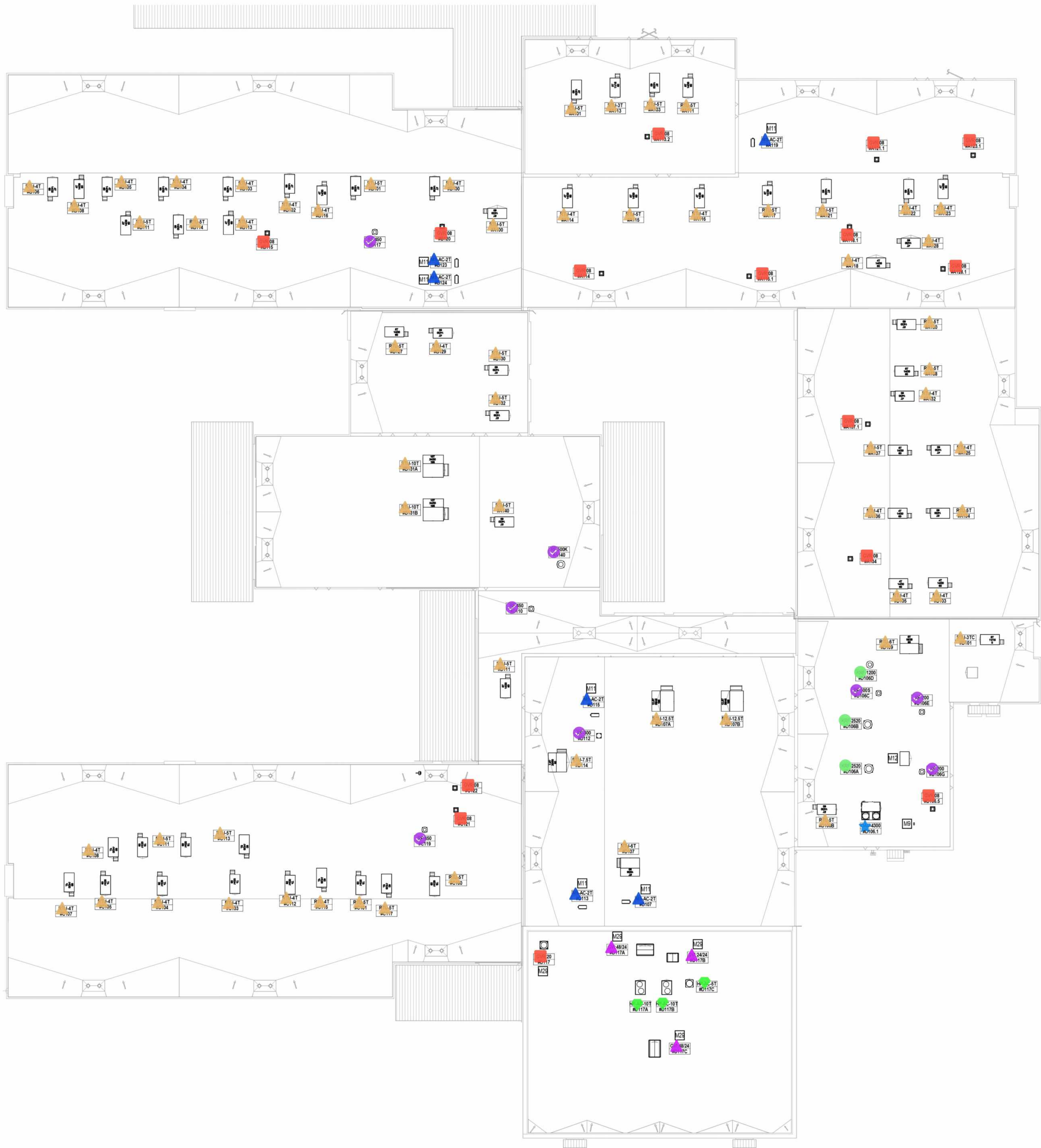


1 MECHANICAL FLOOR PLAN - LEVEL ONE - EQUIPMENT PLATFORM
1/4" = 1'-0"



2 3D MEZZANINE - MECHANICAL

3/16/2026 5:04:15 PM MH06-01 MECHANICAL ROOF PLAN



1 MECHANICAL ROOF PLAN
1/16" = 1'-0"

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MECHANICAL PLAN NOTES

- M9 DRYER VENT SIZED PER MANUFACTURER'S RECOMMENDATION WITH BACKDRAFT DAMPER ABOVE CEILING UP TO GOOSENECK ON ROOF.
- M11 REFRIGERANT LINES FROM CONDENSING UNIT DOWN THROUGH HOODED ROOF PENETRATION TO AIR HANDLER BELOW.
- M12 COOLER / FREEZER CONDENSING UNIT ON ROOF. COORDINATE PLACEMENT WITH ALL TRADES PRIOR TO INSTALLATION.
- M29 ROOF PENETRATION PROTECTED BY STORM LOUVER. REFER TO SHEET MH02-01D FOR MORE INFORMATION.

▲ Count

▲ HVAC -RTU	62EA	✓ HVAC -RF	8EA	● HVAC -KRF	3EA	▲ HVAC -GVI	3EA
■ HVAC -GVR	15EA	▲ HVAC -MS	6EA	★ HVAC -OAU	1EA	◆ HVAC -HP	3EA