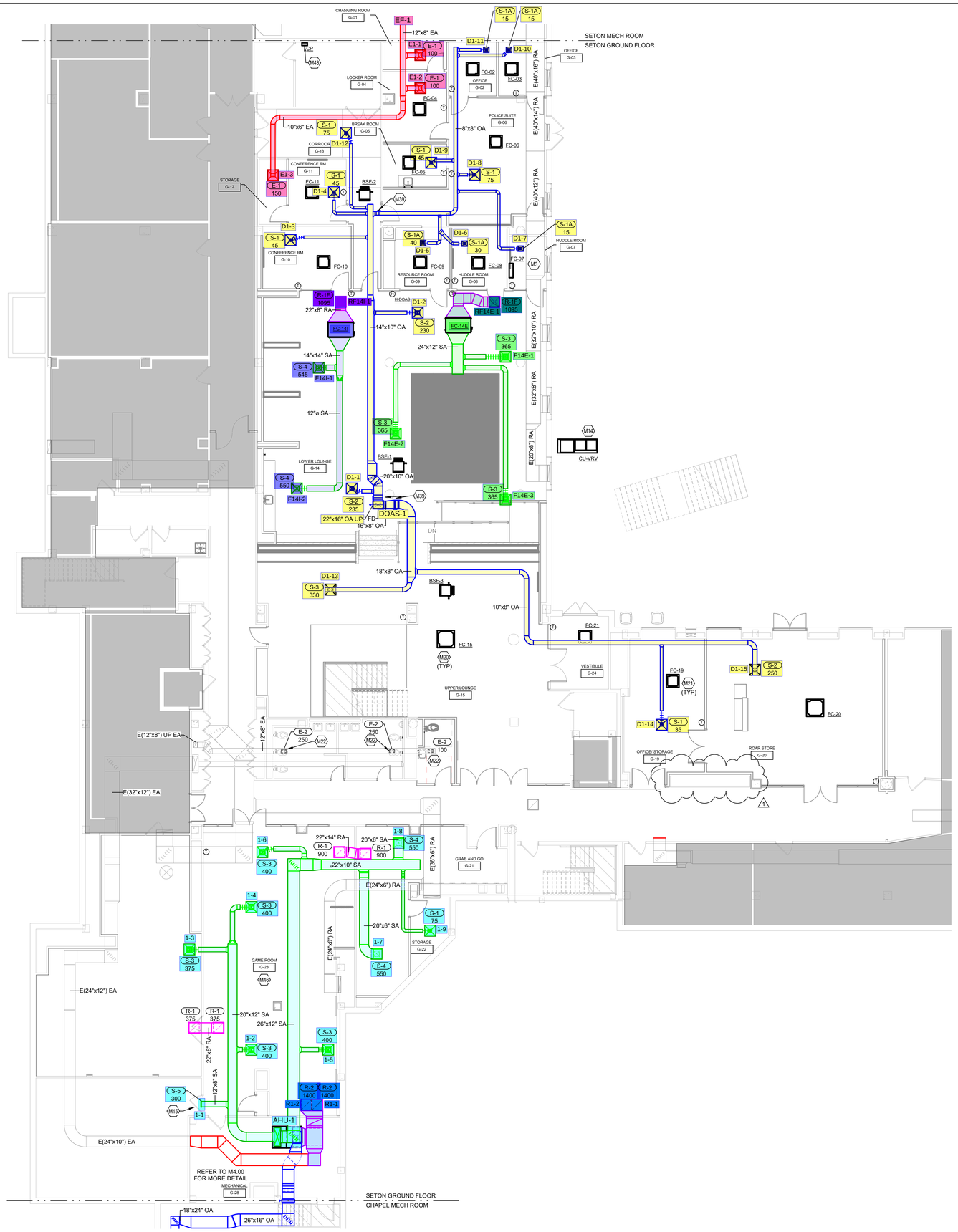


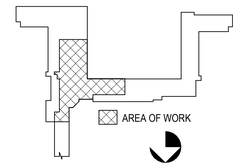
GROUND FLOOR MECHANICAL PHASE 2

1/8" = 1'-0"

TAGGED NOTES	
M3	EXISTING RETURN DUCTWORK SHALL REMAIN AND BE PROTECTED FROM DAMAGE. THE RETURN DUCTWORK SERVES AN EXISITNG SYSTEM TO REMAIN.
M14	PROVIDE VRV CONDENSING UNIT. PROVIDE EQUIPMENT SUPPORTS PER SPECIFICATIONS. USE EXISTING MECHANICAL PAD AS ABLE. MODIFY MECHANICAL PAD AS NECESSARY. CONTRACTOR SHALL VERIFY SIZE ON SITE AND COORDINATE WITH EQUIPMENT PRIOR TO BID.
M15	LOUVERED DOOR IS EXISTING TO REMAIN. COORDINATE WITH ARCHITECTURAL PLANS.
M20	COORDINATE 3X3 CASSETTES TO BE CENTERED IN THE CEILING GRID SYSTEM.
M21	COORDINATE 2X2 CASSETTES TO BE LOCATED WITHIN THE CEILING GRID SYSTEM.
M22	PROVIDE EXHAUST GRILLE WITH BALANCING DAMPER ACCESSIBLE FROM FRONT OF GRILLE IN ROOM.
M39	PROVIDE MANUAL BALANCING DAMPER.
M43	PROVIDE VRV CONTROL PANEL IN THIS LOCATION.
M46	PROVIDE BUILDING PRESSURE SENSOR IN THIS ROOM. CONTRACTOR TO PROPOSE LOCATION FOR ENGINEER REVIEW.

R,G,D RUNOUT SCHEDULE

MARK	DUCT BRANCH SIZE
E-1	22"x22"
E-2	10"X8"
R-1	22"x22"
R-1F	22"x22"
R-2	22"x22"
S-1	6"Ø
S-1A	6"Ø
S-2	8"Ø
S-3	10"Ø
S-4	12"Ø
S-5	12"X8"



KEY PLAN - GROUND FLOOR

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	10/24/25	CD Set
1	11/14/2025	ADDENDUM 03

PROJECT NO. **24167.00**

DRAWING TITLE:
GROUND FLOOR MECHANICAL AIR PLAN

M2.00

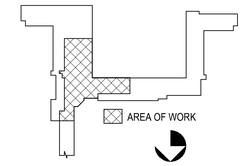
11/13/2025 3:15:14 PM Autodesk Docs://24167.20 MSJ Seton Hall Improvements - Ground Floor/MEP OMSJ25-01 - MSJ Seton Hall - Ground Floor Renovation.rvt

1 M2.01 **FIRST FLOOR MECHANICAL PLAN PHASE 2**

1/8" = 1'-0"

TAGGED NOTES #

M16	ROUTE REFRIGERANT PIPING UP IN NEW PIPING CHASE. REFER TO ARCHITECTURAL PLANS FOR COORDINATION.
M38	PROVIDE INSULATED DUCT ACCESS DOOR 18"X18" TO SERVICE FIRE DAMPER.



KEY PLAN - GROUND FLOOR

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PROJECT NO. **24167.00**

DRAWING TITLE:
FIRST FLOOR
MECHANICAL PLAN

M2.01

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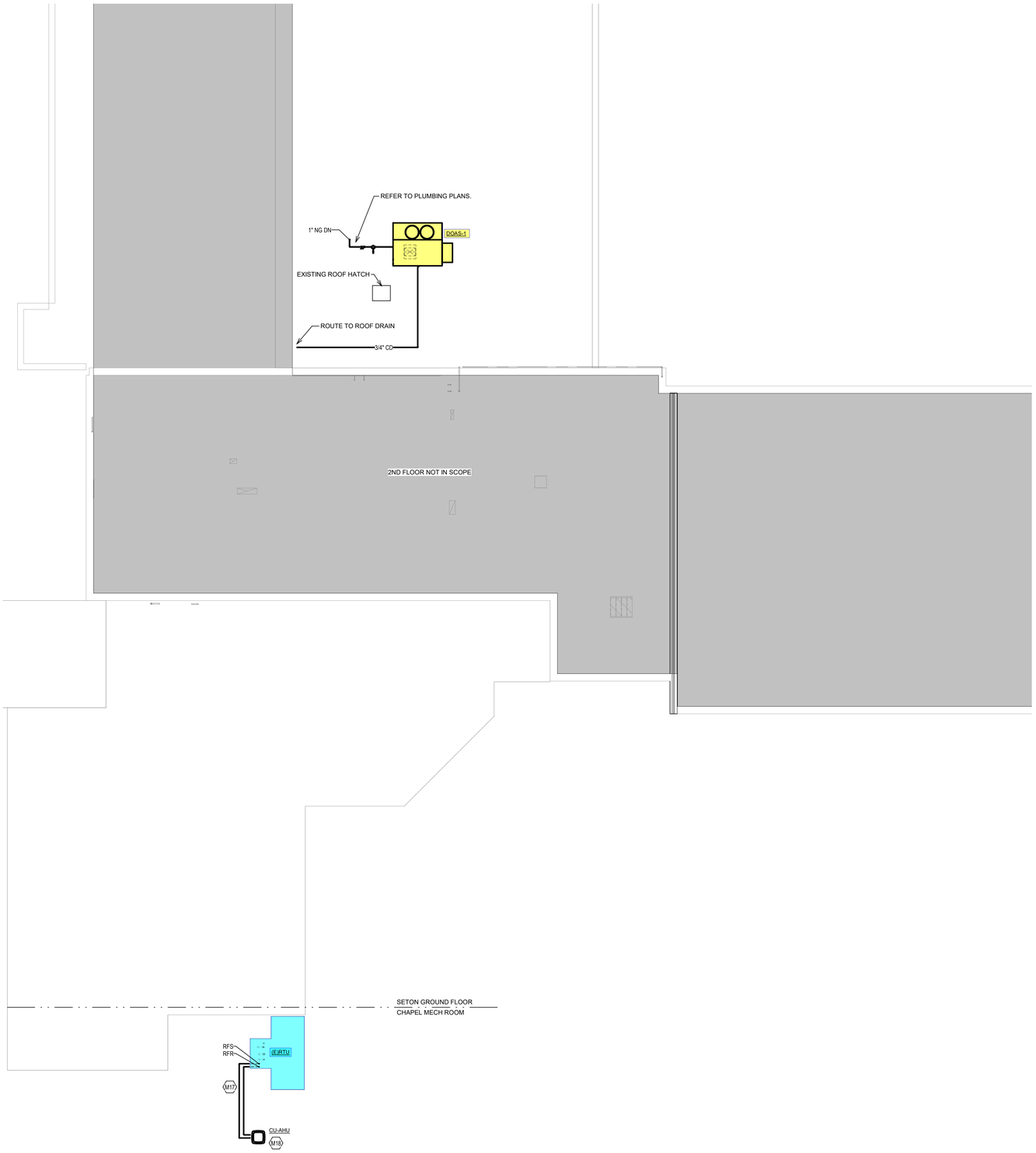


1 M2.02 ROOF MECHANICAL PLAN

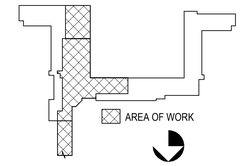
1/8" = 1'-0"

2 M2.02 ROOF (LV6) MECHANICAL PLAN

1/8" = 1'-0"

TAGGED NOTES

M17	ROUTE REFRIGERANT PIPING UP IN EXISTING PIPING CHASE. PENETRATE EXISTING PIPING ROOF CURB AND SEAL AIR AND WATERTIGHT.
M18	PROVIDE AHU CONDENSING UNIT. PROVIDE BIG FOOT EQUIPMENT SUPPORTS 18" ABOVE ROOF.
M48	PROVIDE EXHAUST FAN FOR AHU-1 RELIEF AIR CONTROLLED BY BUILDING PRESSURE IN SPACE MADE AVAILABLE BY DEMO WORK. PROVIDE WITH VFD IN NEMA 3 ENCLOSURE. COORDINATE WITH ELECTRICAL CONTRACTOR.



KEY PLAN - GROUND FLOOR

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1	11/14/2025	ADDENDUM 03

PROJECT NO. **24167.00**

DRAWING TITLE:
ROOF MECAHNICAL PLAN

M2.02

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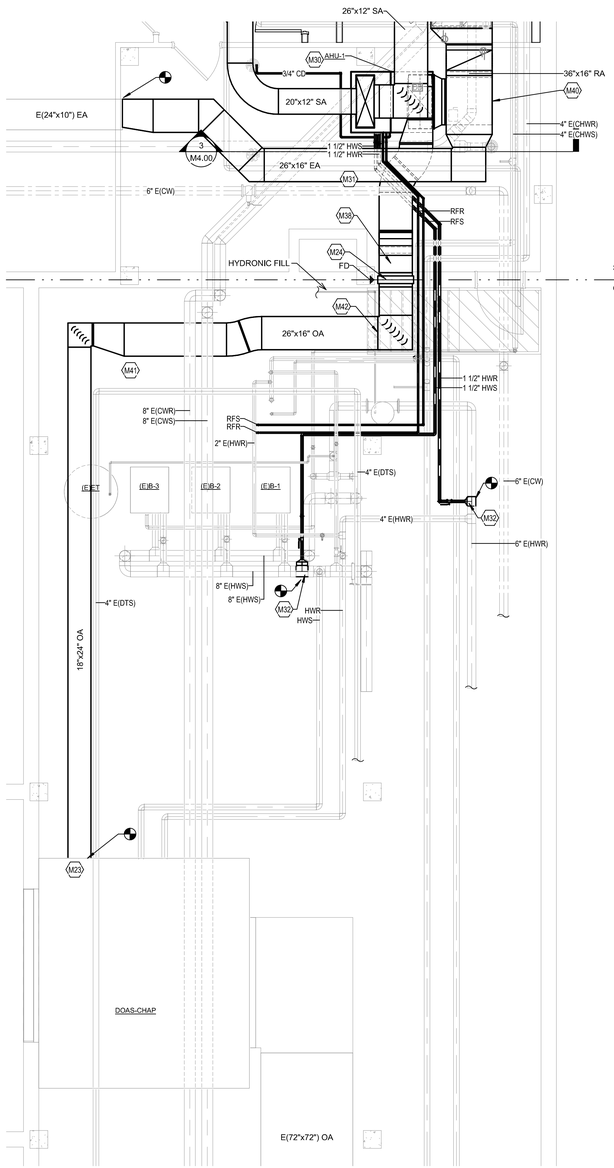
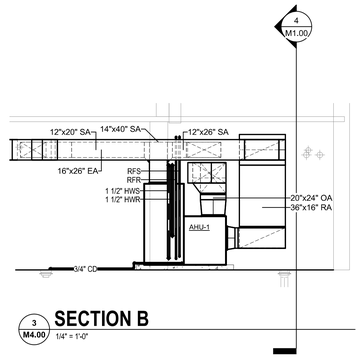
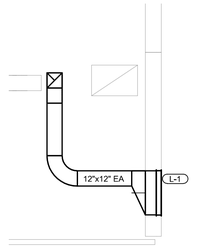
TAGGED NOTES	(##)
M23	CONNECT OUTSIDE AIR DUCT WITH 45 DEG. TAP INTO THE OUTDOOR AIR PLENUM OF THE EXISTING DOAS.
M24	ROUTE DUCTWORK THROUGH BLOCK WALL AND PROVIDE STRUCTURAL LINTEL, AS NECESSARY.
M26	PROVIDE NEW LOUVER IN SPACE MADE AVAILABLE BY LOUVER REMOVAL. FIELD VERIFY DIMENSIONS PRIOR TO PURCHASING NEW LOUVER.
M27	ROUTE CONDENSATE FROM VRV SYSTEM TO FLOOR DRAIN IN MECHANICAL ROOM.
M29	ENSURE FAN IS INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND THAT ALL CLEARANCES ARE MET. DO NOT INSTALL OVER TOP OF PIPES OR OTHER ITEMS THAT WOULD IMPEDE DIRECT ACCESS .
M30	PROVIDE AHU UNIT ON MECHANICAL PAD THAT EXTENDS A MINIMUM OF 6" BEYOND THE UNIT'S DIMENSIONS. COORDINATE WITH MANUFACTURER PRIOR TO FINAL SUBMITTAL TO PROVIDE ALL CLEARANCES AND ACCESS TO SERVICE ITEMS.
M31	COORDINATE UNIT SO THAT COILS CAN BE PULLED FROM THE ROOM SIDE OF THE UNIT. REFER TO AHU-1 SCHEMATIC AND CONTROL FOR MORE DETAILS AND ACCESSORIES.
M32	CONNECT HOT WATER BRANCH PIPING TO HOT WATER MAIN. FIELD VERIFY EXISTING PIPE SIZE. PROVIDE ISOLATION VALVE WHERE BRANCH CONNECTS TO MAIN.
M38	PROVIDE INSULATED DUCT ACCESS DOOR 18"X18" TO SERVICE FIRE DAMPER.
M40	PROVIDE INTERNAL ACOUSTICAL LINER ON RETURN DUCT. DUCTWORK SIZES ARE OPEN FREE AREA.
M41	ROUTE OUTDOOR AIR DUCTWORK TIGHT TO STRUCTURE WHERE POSSIBLE AND ALLOW FOR ROUTE AROUND PIPING. MINIMUM BOTTOM OF DUCT INSULATION HEIGHT IS 8' BUT SHOULD BE KEPT AS HIGH AS POSSIBLE.
M42	ENSURE DUCTWORK DOES NOT IMPEDE PATH OR HEAD HEIGHT AT STAIRS.

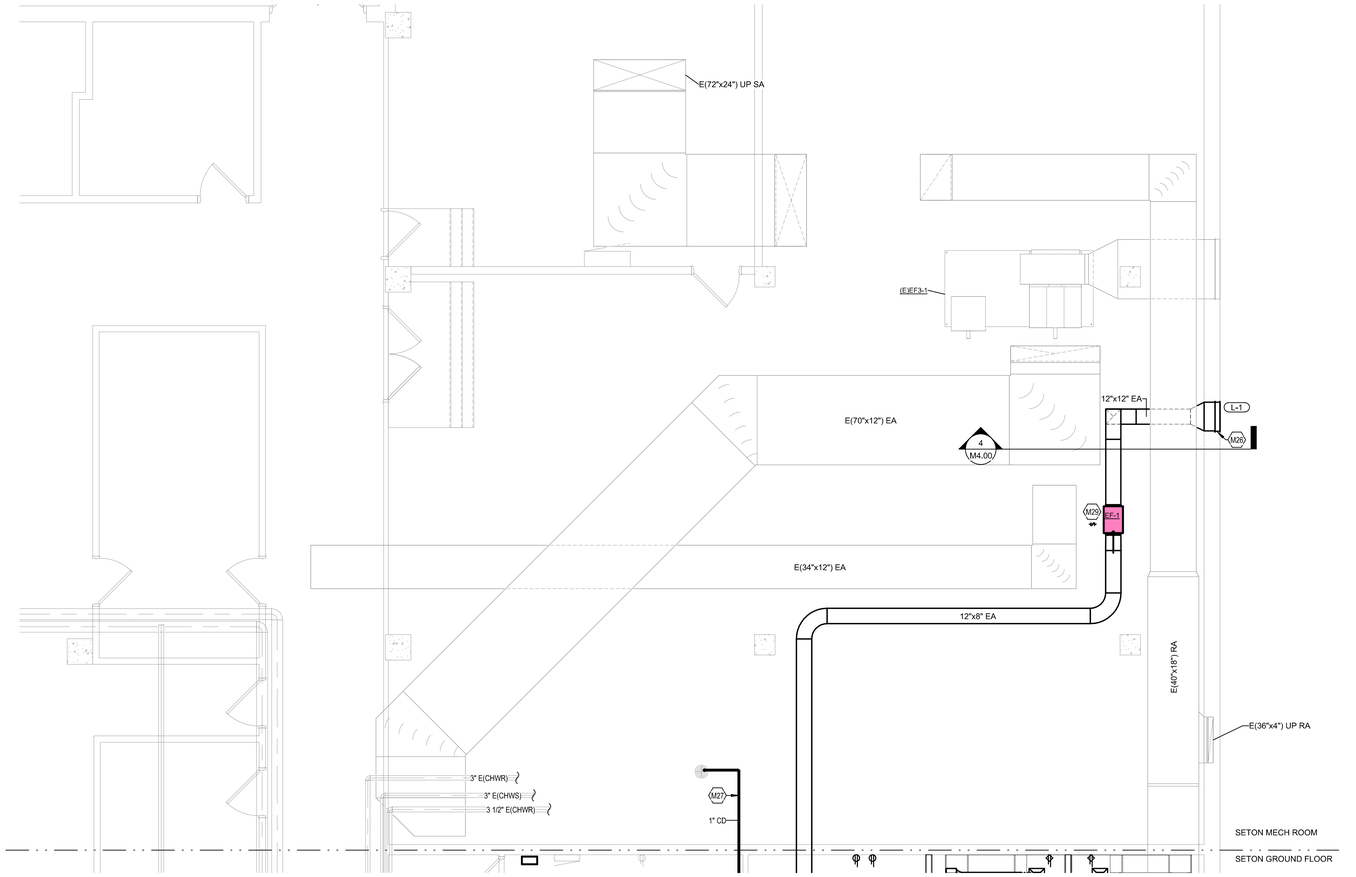




3 M4.00 **SECTION B**
1/4" = 1'-0"

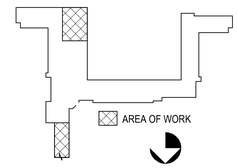


4 M4.00 **SECTION C**
1/4" = 1'-0"



1 M4.00 **ENLARGED CHAPEL MECHANICAL ROOM**
1/4" = 1'-0"

2 M4.00 **SETON HALL MECHANICAL ROOM**
1/4" = 1'-0"



KEY PLAN - GROUND FLOOR

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DRAWING TITLE:
MECHANICAL
ENLARGED VIEWS

M4.00

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