



KF
drawn by
DMG
checked by
NOVEMBER 2025
date

REVISIONS

Δ	DESCRIPTION	DATE



WESTMOORE HIGH SCHOOL 2025
ARENA HVAC

sheet no:

M201

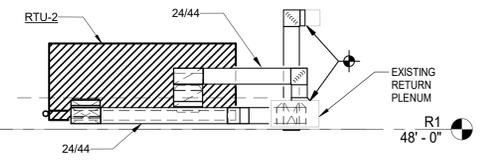
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GENERAL NOTES

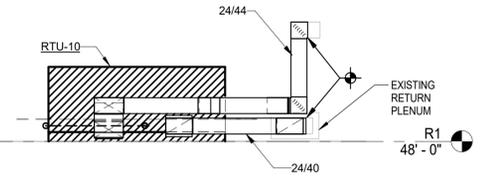
- COORDINATE WORK WITH ALL TRADES ON SITE.
- COORDINATE THE EXACT LOCATION AND WEIGHT OF UNITS WITH STRUCTURAL ENGINEER AND ARCHITECT PRIOR TO INSTALLATION OF CURB.
- ALL ABOVE GRADE EXTERIOR NATURAL GAS PIPE SHALL BE CLEANED AND DEGREASED PRIOR TO BEING PRIMED THEN PAINTED YELLOW WITH WEATHER RESISTANT ZINC RICH PAINT.
- ALL GAS PIPE SHALL COMPLY WITH IFGC. BRANCH LINES SHALL TAP OFF TOP OF GAS MAINS AND INSTALL SHUT-OFF VALVE ON BRANCH LINE.
- PIPE IDENTIFICATION SHALL BE THE WORDS "NATURAL GAS" IN BLACK LETTERS AT 5 FOOT INTERVALS USING PLASTIC PIPE MARKERS OR STENCILED PAINTED LETTERS.
- ROUTE DUCTWORK TO MAXIMIZE SERVICE CLEARANCES FOR RTU. REFER TO MANUFACTURER'S REQUIREMENTS FOR EXACT CLEARANCES.
- ROUTE ALL RTU CONDENSATE LINES TO NEAREST ROOF DRAIN WITH COPPER PIPE PAINTED BLACK.
- EXTERIOR DUCTWORK SHALL BE CROSS CUT AND CONSTRUCTED TO PREVENT WATER POOLING ON THE TOP OF DUCTWORK.

MECHANICAL KEYED NOTES

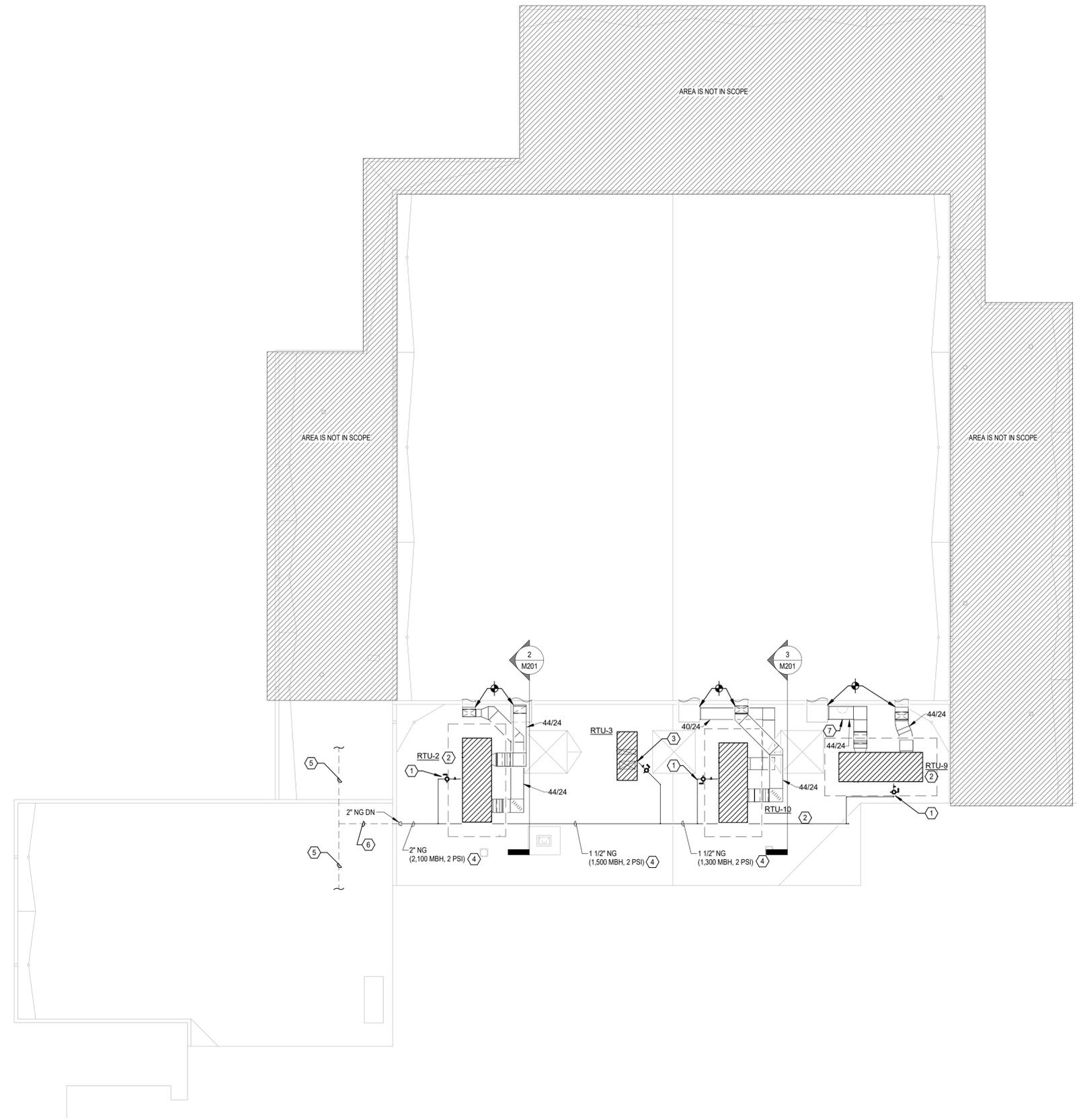
- PC SHALL INSTALL NEW 1 1/4" GAS (800 MBH, 2 PSI) LINE TO NEW ROOFTOP UNIT WITH PRESSURE REGULATOR, SHUT-OFF VALVE, DIRT LEG, UNION AND FINAL UNIT CONNECTION. COORDINATE WITH MC.
- NEW RTU TO REPLACE EXISTING. MOUNT RTU ON MANUFACTURER'S CURB ADAPTER. PROVIDE NEW CONDENSATE PIPE IN ACCORDANCE WITH DETAILS AND SPECIFICATIONS.
- PC SHALL INSTALL NEW 1" GAS (300 MBH, 2 PSI) LINE TO NEW ROOFTOP UNIT WITH PRESSURE REGULATOR, SHUT-OFF VALVE, DIRT LEG, UNION AND FINAL UNIT CONNECTION. COORDINATE WITH MC.
- REMOVE EXISTING GAS PIPE AND REPLACE WITH NEW SIZE AS NOTED. PROVIDE ROOF PIPE SUPPORTS ON NATURAL GAS LINE.
- EXISTING 2" NATURAL GAS LINE IN CEILING SPACE BELOW ROOF.
- REMOVE EXISTING 1 1/2" NATURAL GAS LINE IN CEILING SPACE BELOW ROOF AND REPLACE WITH 2" GAS PIPE AND CONNECT TO EXISTING 2" OR LARGER.
- ROUTE RETURN DUCTWORK SUCH THAT TOP OF DUCT IS BELOW 48" ABOVE FINISHED ROOF.



2 RTU-2 DUCTWORK SECTION
Scale: 3/32" = 1'-0"



3 RTU-10 DUCTWORK SECTION
Scale: 3/32" = 1'-0"



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

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