

- MECHANICAL GENERAL NOTES
1.

THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF THE WORK.
2.

CONTRACTOR SHALL COORDINATE HIS WORK WITH THE WORK OF ALL OTHER TRADES. VERIFY ALL CLEARANCES PRIOR TO THE FABRICATION OF ANY WORK.
3.

THE CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS SUPPORTING STEEL, ETC. FOR THE PROPER INSTALLATION OF ALL MECHANICAL SYSTEMS.
4.

COORDINATE FLOOR, WALL, ROOF PENETRATIONS, LOUVER SIZES, PAD LOCATIONS ETC. WITH ARCHITECTURAL TRADES.

- MECHANICAL KEYED NOTES
- 1

RTU FURNISH AND INSTALL
- 2

FUTURE MECHANICAL EQUIPMENT BY OTHERS.
- 3

PROVIDE FABRICATED CURB PER MANUFACTURER REQUIREMENTS AND COORDINATE EXACT LOCATION OF UNIT IN FIELD. SHIM ROOF CURB LEVEL FOR PROPER CONDENSATE DRAINAGE.
- 4

FURNISH AND INSTALL ALL TEMPERATURE CONTROL WIRING FROM THE UNIT TO THE THERMOSTAT OR OTHER CONTROL DEVICES.
- 5

CONDENSATE DRAIN LINE PLASH TO ROOF.
- 6

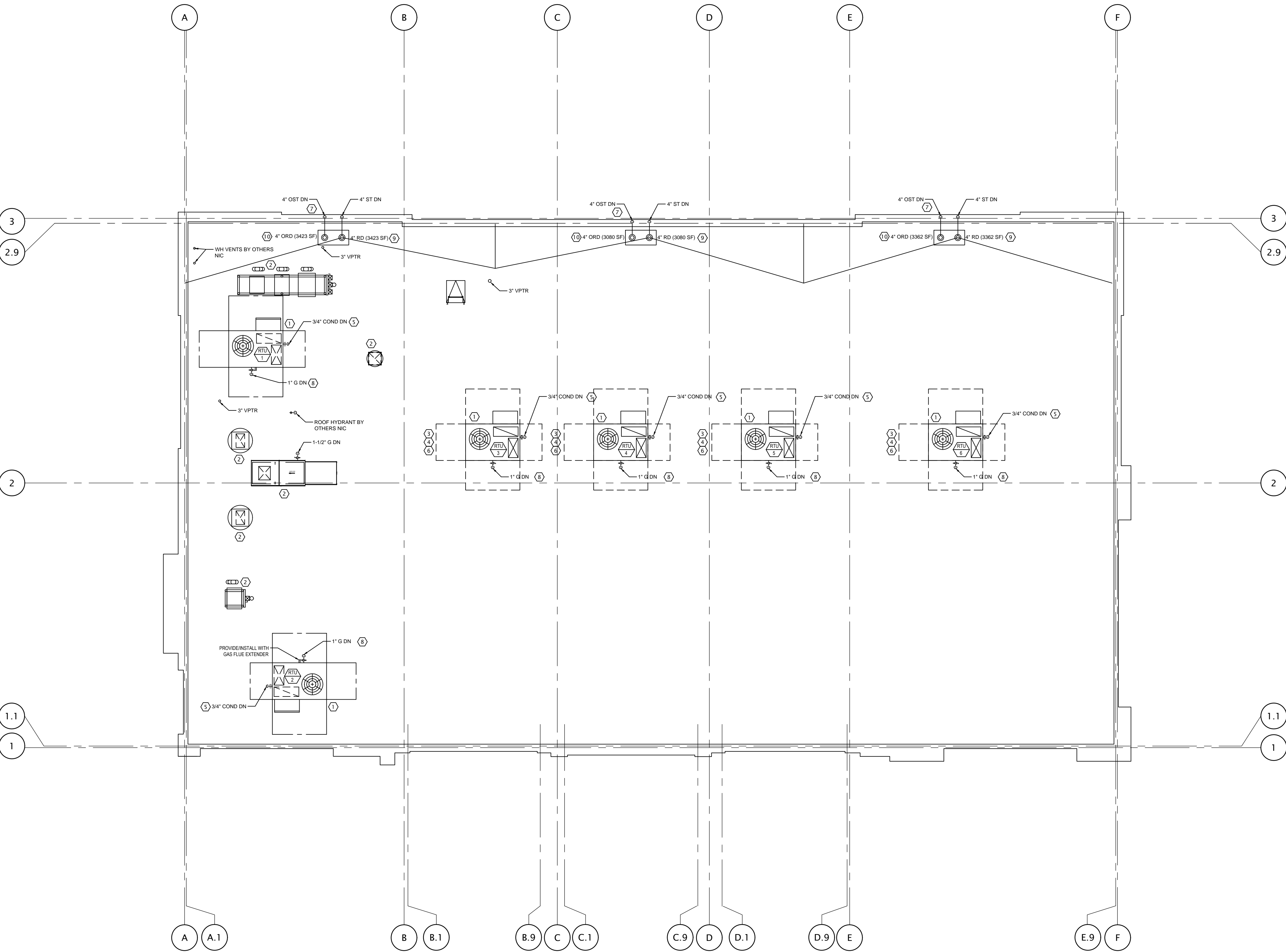
PROVIDE AND INSTALL ALL EQUIPMENT WITH MANUFACTURER'S RECOMMENDED CLEARANCES FOR MAINTENANCE. MAINTAIN MINIMUM CLEARANCES TO ELECTRICAL AND SERVICE ACCESS PANELS AND DISCONNECTS.
- 7

ST AND OST PIPING DN IN WALL. TERMINATE OST THRU WALL AS CLOSE TO BOTTOM PLATE AS POSSIBLE, EXTEND 1/4" PAST EFIS, WATERPROOF SEAL ALL AROUND. TERMINATE OST WITH 4" PVC LAMB'S TONGUE NOZZLE, COLOR ANTIQUE BRONZE, ARKMANN MODEL PDN-4. CONNECT ST TO STORM MAIN.
- 8

PROVIDE ISOLATION VALVE AND G GAS REGULATOR TO PROVIDE 7" WC AT UNIT CONNECTION. TRANSITION G PIPE SIZE TO UNIT CONNECTION. INSTALL PER RTU MANUFACTURER'S RECOMMENDATIONS.
- 9

ROOF DRAIN: J.R. SMITH MODEL 1010 CAST IRON ROOF DRAIN WITH FLASHING COLLAR AND CAST IRON DOME. FURNISH EXTENSION (SUFFIX-E) FOR INSULATED ROOFS. OUTLET CONNECTION TYPE SHALL BE COMPATIBLE WITH PIPING SYSTEM.
- 10

OVERFLOW ROOF DRAIN: J.R. SMITH MODEL 1070 WITH SAME FEATURES AS ROOF DRAIN. STANDPIPES SHALL BE ADJUSTED AND SECURED SO THAT AFTER THE INSTALLATION OF THE DRAIN ASSEMBLY, THE TOP OF THE STANDPIPE SHALL BE (2") ABOVE THE ADJACENT ROOF SURFACE.



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ROOF MECHANICAL PLAN

SCALE: 1/8" = 1'-0"



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I certify that these documents were prepared or approved by me, and that I am a duly licensed architect or engineer under the laws of the State of Maryland, license number 45989, expiration date 10/23/22

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ROOF MECHANICAL PLAN