

Date	Description
02/26/2021	ISSUE FOR DESIGN DEVELOPMENT
05/21/2021	ISSUE FOR PERMIT & CONSTRUCTION

Seal / Signature




Project Name	
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<b>Project Number</b>	
03.7799.000	

Scale	
1/8" = 1'-0"	

<b>Description</b>	
HVAC PLAN - BUILDING 1 - LEVEL 4 - SEGMENT A2	

**M.1-204-A2** 

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## GENERAL NOTES

- 1 EXTEND RA MAIN DUCT TO OUTSIDE ROOM. PROVIDE TURNED UP ELBOW AT END OF RA DUCT.
- 2 IDF ROOMS ARE STACKED, LEVEL 1 THRU 5, AND HAVE 12x12 FLOOR PENETRATIONS CONNECTING THEM ALL. THIS TOTAL STACKED ROOM VOLUME IS USED IN REFRIGERANT DENSITY CALCULATION.

1. REFER TO SHEET M-1.00 FOR LEGENDS, GENERAL NOTES AND ABREVIATIONS
2. PROVIDE EXPOSED CEILING AREAS FOR PAINTING HAS INTERNAL LINE AND SHALL BE PREPARED FOR PAINTING WITH PANTLOCK AND STICKERS
3. PROVIDE ACH 100% RCP TO EACH SUPPLY RCP INDICATING EXPOSED CEILING AREAS
4. REFRIGERANT PIPE ROUTINGS SHOWN ARE TO BE MAINTAINED AS SHOWN ON DRAWING AND DOCUMENT ALL VRF PIPING/SWING SIZING, ROUTING AND LENGTHS VRF MANUFACTURER AND VRF SYSTEM MANUFACTURER'S RECOMMENDATIONS. LIMITATIONS ARE NOT EXCEEDED AND PROPER REFRIGERANT CHARGE IS APPLIED FOR EACH SYSTEM. (1) SPLIT SYSTEMS REQUIRING MORE INFORMATION
5. PROVIDE CABLE OPERATED RESET REGULATOR FOR EACH SUPPLY RCP TO MAINTAIN CEILING ADJUSTMENT SHALL BE THROUGH DIFFUSER FACE
6. PROVIDE MINIMUM SEPARATION FROM OUTSIDE AIR INTAKES TO TERMINATIONS OF EXHAUST COMBUSTION AIR, PLUMBING VENTS, ETC. AS REQUIRED BY CODE
7. COORDINATE EQUIPMENT HOUSEKEEPING PAD DIMENSIONS AND LAYOUT WITH THE GENERAL CONTRACTOR
8. PROVIDE MANUAL BALANCE DAMPERS IN ALL SUPPLY DUCT BRANCH TAPS DOWNSTREAM OF VAV BOXES
9. PROVIDE MANUAL BALANCE DAMPERS IN ALL EXHAUST DUCT BRANCH TAPS
10. PROVIDE TRANSFER DUCTS IN FULL HEIGHT WALLS TO MAINTAIN EXHAUST FLOW. IF BALANCE SYSTEM IS UTILIZED, BOOTS SHALL BE SIZED TO MAINTAIN A MINIMUM OF 100 CFM
11. COORDINATE TEMPERATURE SENSORS AND THERMIST LOCATIONS TO AVOID HORIZONTALS TO EXHAUST DUCTS
12. PROVIDE THERMIST LOCATIONS TO AVOID HORIZONTALS TO EXHAUST DUCTS
13. THE THERMIST CONTROLS CONTRACTOR SHALL SUBMIT PLANS INDICATING ALL SPACE TEMPERATURE SENSORS, HUMIDITY SENSORS, ETC. AS PART OF SUBMITTAL PROCESS FOR REVIEW PRIOR TO ROUGH IN FOR REVIEW. PROVIDE THERMIST LOCATIONS FOR T-STATS LOCATED ON EXTERIOR WALLS

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