1 HVAC DUCTWORK - FIRST FLOOR LEVEL
1/8" = 1'-0"

GENERAL NOTES:

1. COORDINATE INSTALLATION OF DUCTWORK WITH OTHER TRADES BEFORE FABRICATION PROVIDE OFFSETS AS REQUIRED TO AVOID INTERFERENCES.

2. FINAL LOCATION OF DIFFUSERS, REGISTERS AND GRILLES SHALL BE FROM ARCHITECTURAL REFLECTED CEILING PLANS.

3. REFER TO ARCHITECTURAL DRAWINGS FOR ALL WALL DEVICE MOUNTING HEIGHTS AND LOCATIONS.

4. BRANCH DUCT SIZES TO DIFFUSERS/GRILLE SHALL MATCH NECK SIZE OF AIR DEVICE UNLESS OTHERWISE NOTED.

5. ALL THERMOSTATS LOCATED ON PERIMETER WALLS & COLUMNS SHALL BE PROVIDED WITH INSULATED BACKPLATES.

6. CONTRACTOR SHALL SEAL ALL EXISTING TO REMAIN DUCTWORK JOINTS WITHIN SCOPE OF WORK IN ACCORDANCE WITH BASE BUILDING SPECIFICATIONS.

7. CONTRACTOR SHALL REPAIR ANY MISSING OR DAMAGED DUCTWORK INSULATION ON ALL EXISTING TO REMAIN DUCTWORK WITHIN SCOPE OF WORK IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND/OR BASE BUILDING SPECIFICATIONS.

8. CONTRACTOR SHALL MAINTAIN BUILDING MANAGEMENT AIR QUALITY STANDARD DURING CONSTRUCTION.

9. COORDINATE ANY/ALL BASE BUILDING EQUIPMENT OR SYSTEM SHUTDOWN REQUIREMENTS WITH OWNER.

10. CONTRACTOR MAY SIZE LOW PRESSURE DUCTWORK TO ACCOMMODATE FIELD CONDITIONS BASED UPON THE "LOW PRESSURE DUCT SIZING TABLE" LOCATED WITHIN DIV 23 SPECIFICATIONS.

11. REFER TO HVAC SPECIFICATIONS FOR EXTENT AND LOCATION OF ACOUSTICALLY LINED DUCTWORK.

12. PROVIDE MANUAL ADJUSTABLE DAMPERS ON EACH LOW PRESSURE SUPPLY RETURN AND EXHAUST DUCT TAKE OFF, AND AT EACH TAKE OFF TO REGISTERS, GRILLES AND DIFFUSERS. PROVIDE REMOTE ADJUSTABLE VOLUME DAMPERS AT INACCESSIBLE LOCATIONS. WHERE MANUAL DAMPERS ARE SHOWN ON PLAN, PROVIDE AT EXACT LOCATION. OTHERWISE VD SHALL BE AS FAR UPSTREAM AS POSSIBLE.

13. ALL NEW LISTED DUCT SIZES ARE CLEAR INSIDE DIMENSIONS.

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SCALE	1/8" = 1'-0"

REVISIONS

DUCTWORK FIRST FLOOR

M-5

DRAWING PRINTED FULL SIZE (30"H) = 30"x42", DRAWING PRINTED HALF SIZE (30"H) WILL FIT ON A SHEET 15"x24" WITH 1.5" OF EXTRA SPACE ON ALL FOUR SIDES, DRAWING PRINTED HALF SIZE (30"H) = 11.25"x15.75" WILL FIT TIGHTLY ON 11"x17". INDIVIDUAL 1/2", 1/4", 1/8", 1/16" AND 1/32" VIEW SCALES WILL TRANSLATE BY MULTIPLYING THE DENOMINATOR BY 2 AND MAKING THE NUMERATOR 1. FOR EXAMPLE, 1/8"=1'-0" AT 11"x17" IN WILL BE 3/64"=1'-0" FOR SCALES AT 3/4", 3/8", 3/16" AND 3/32" THE TRANSLATION IS CLOSE ENOUGH TO USE THE DENOMINATOR EQUIVALENT AND CHANGE THE NUMERATOR TO 1. EXAMPLE 3/4"=1'-0" AT 11"x17" IN WILL BE NEAREST TO 1/4"=1'-0"

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