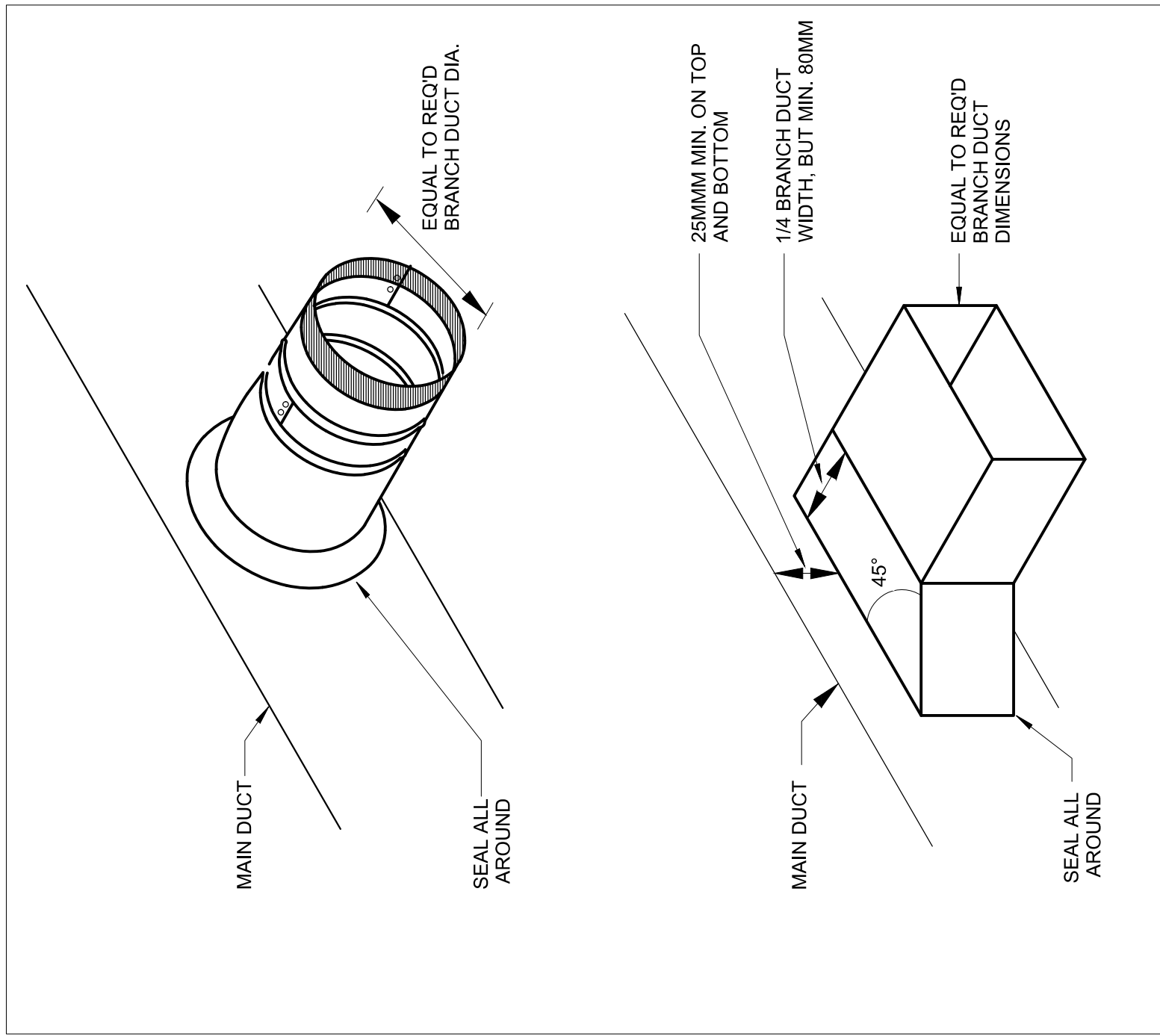
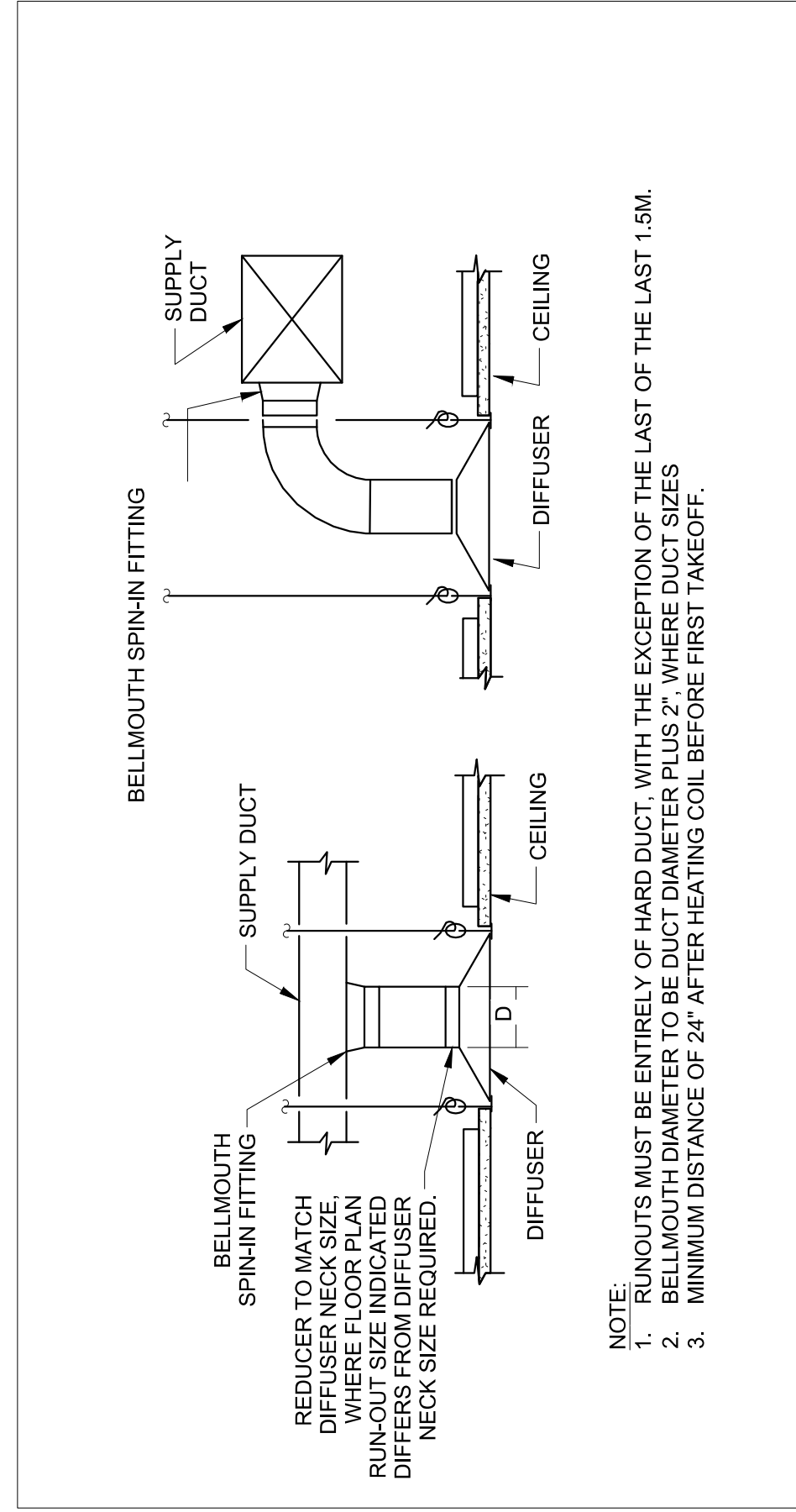
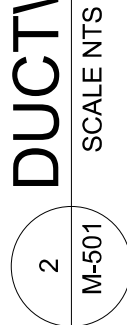
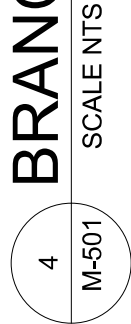
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DUCTWORK TAKEOFF DETAIL



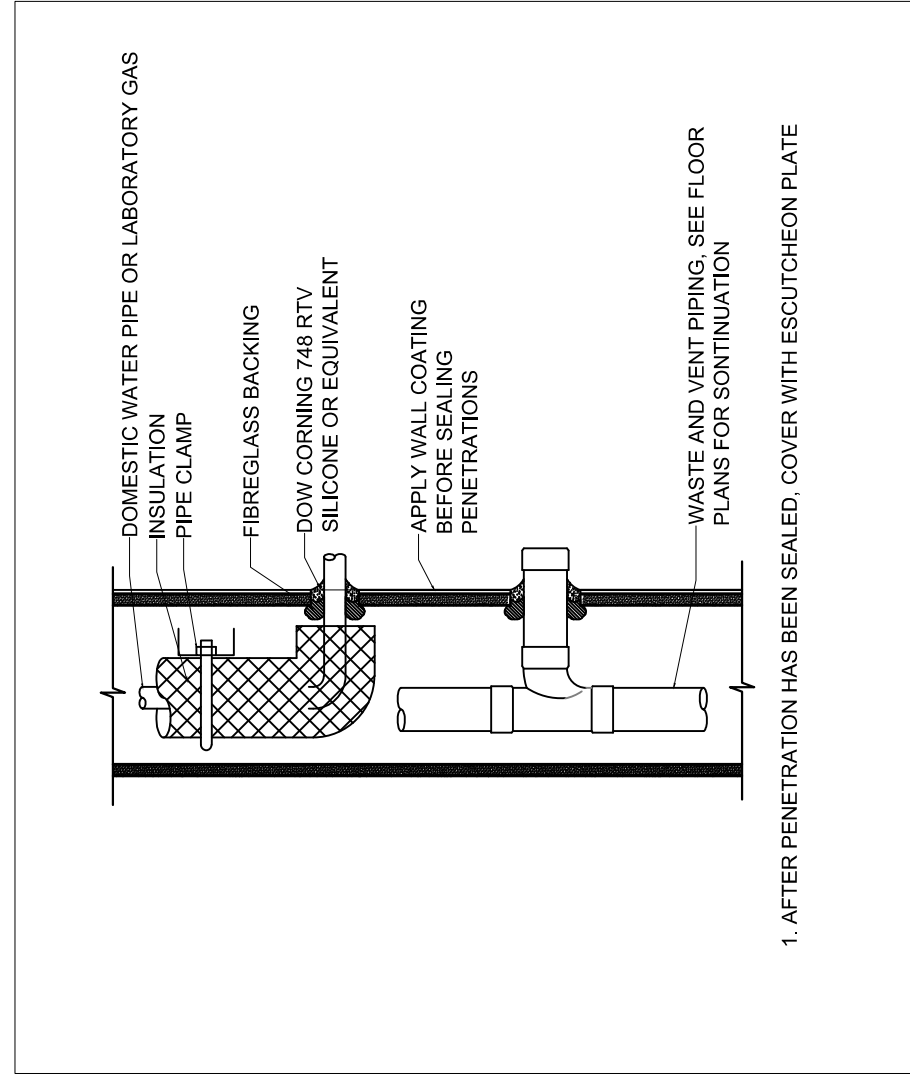
BRANCH RUNOUT AT DIFFUSER



DIFFUSER, REGISTER AND GRILLE											
PLAN MARK	DUTY	TYPE	SIZE (in)	NECK SIZE (mm)	NECK SIZE (in)	MATERIAL	MAX AIRFLOW (LS)	MAX AIRFLOW (CFM)	DAMPER	BASIS OF DESIGN	NOTES
S1	SUPPLY	LABORATORY FLUSH-FACE RADIAL FLOW - TWO WAY	24 x 24	250 Ø	10 Ø	ALUMINUM	235	500	NO	-	1-5
S2	SUPPLY	SQUARE PLAQUE DIFFUSER	24 x 24	200 Ø	8 Ø	ALUMINUM	165	350	NO	-	1-5
E1	EXHAUST	CEILING EGGGRATE GRILLE WITH INTEGRATED PLENUM	24 x 24	250 Ø	10 Ø	ALUMINUM	0 - 425	0 - 900	NO	-	1-5

REMARKS:

1. REFER TO ARCHITECTURAL DRAWINGS FOR TYPE OF CEILING AND/OR SUSPENSION SYSTEM TO PROVIDE NECESSARY MOUNTING FRAMES AND BRACKETS. ENSURE DIFFUSER SIZE MATCHES CEILING TILE SIZES.
2. FINISH SHALL BE MANUFACTURER'S STANDARD WHITE. UNLESS NOTED OTHERWISE, REFER TO ARCHITECTURAL.
3. MAXIMUM NC SHALL BE 30. MAXIMUM PRESSURE DROP SHALL BE 0.1" (25 Pa)
4. PROVIDE TRANSITIONS AND REAR PLENUMS AS REQUIRED, ROUND TO RECTANGULAR AND/OR RUNOUT TO NECK SIZE.
5. BALANCING DAMPERS PROVIDED IN DUCTWORK RUN OUTS



PIPE PENETRATION THROUGH WALL/CEILING DETAIL

