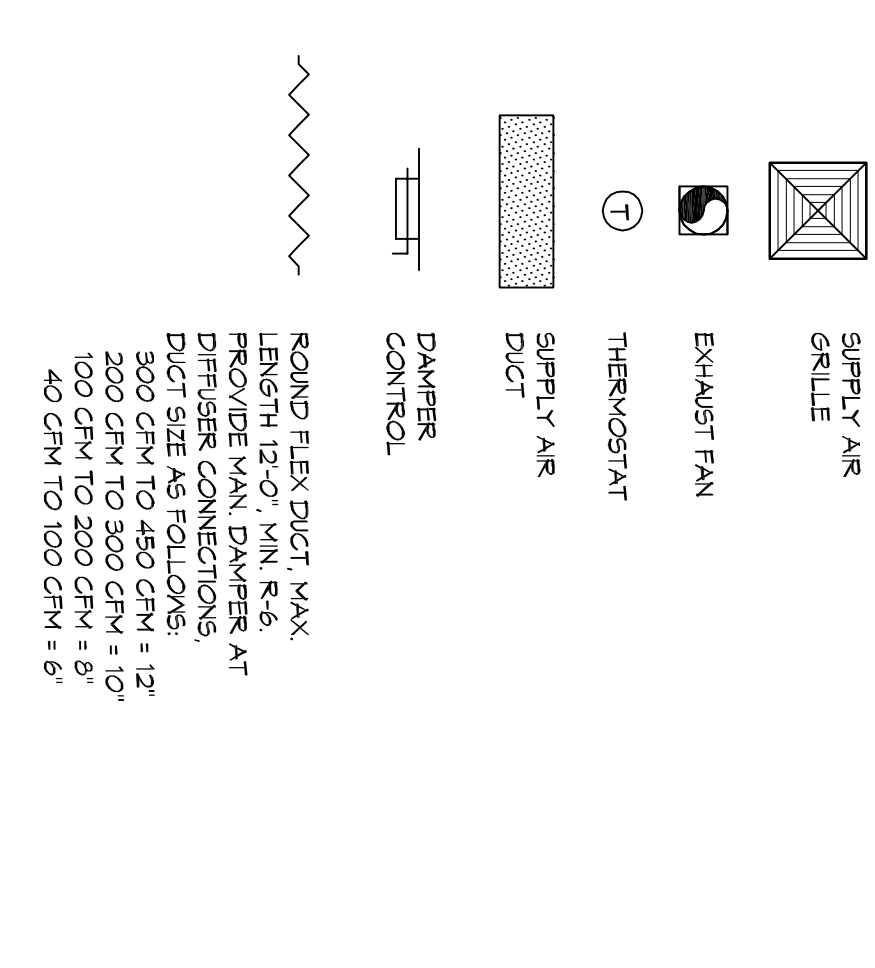


MECHANICAL HVAC NOTES

- CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROGLASS GLASS DUCT LINER, MIN R-6, INSTALLED PER SWACMA STANDARDS.
- EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROGLASS GLASS DUCT LINER, MIN R-6, INSTALLED PER SWACMA STANDARDS.
- DUCT SIZES SHOWN ARE CLEAN INSIDE DIMENSIONS.
- DUCT SYSTEMS OVER 2000 CFM AND LESS THAN 15000 CFM SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 12E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
- PROVIDE UL LISTED 125 F FRESH AIR RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE PENETRATIONS OF FIRE RATED DAMPERS WHERE REQUIRED BY ALL DUCT PENETRATIONS SHALL BE CHECKED WITH A MANUAL CHARGE OF ACCORDANCE WITH ASTM E-141.
- ALL MECHANICAL SYMBOLS ARE DRAWN DIMENSIONALLY CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERES, ETC.
- FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 15'-0".
- REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
- FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
- PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL AUI'S. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR IF REQUIRED.
- FRESH AIR INTAKES ARE REQUIRED TO HAVE NOTIFIED OR DRAUGHT DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
- PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
- CONTRACTOR SHALL PROVIDE A MEANS FOR ATTIC VENTILATION FOR THE MOVEMENT OF AIR ABOVE DROP CEILING(S) EITHER BY MECHANICAL VENTS OR POWER VENTS.

MECHANICAL HVAC NOTES



MIN-SPLIT SCHEDULE

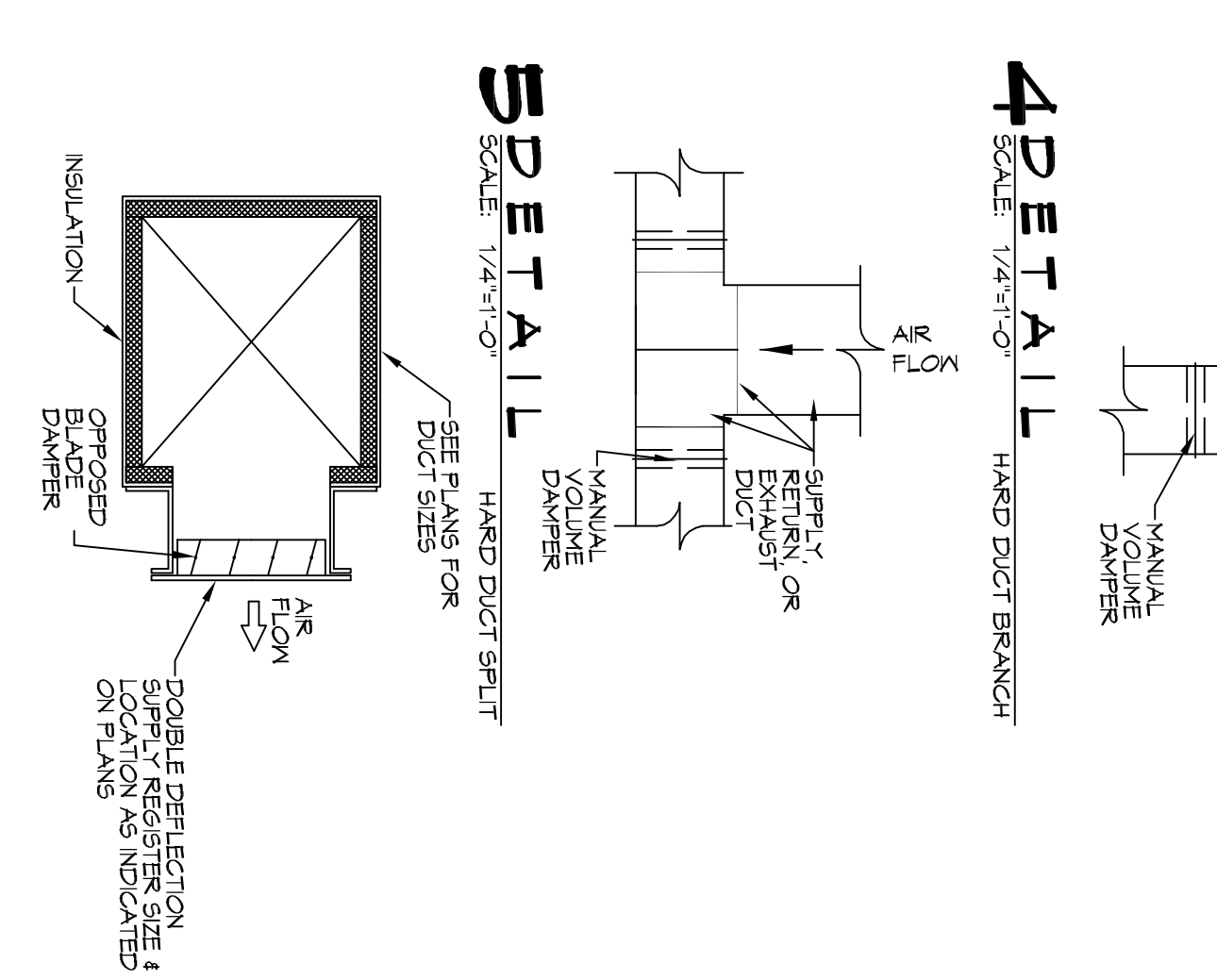
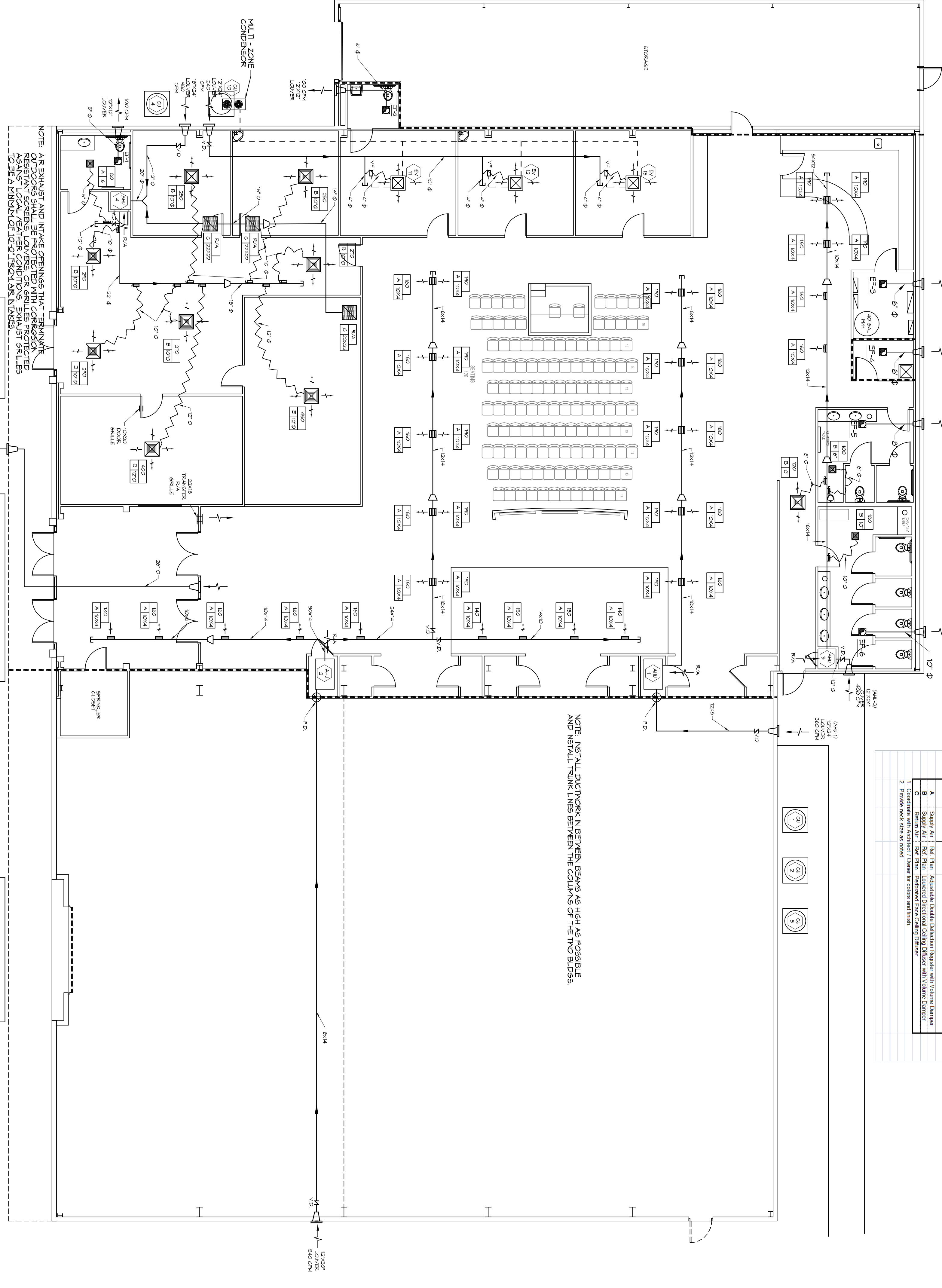
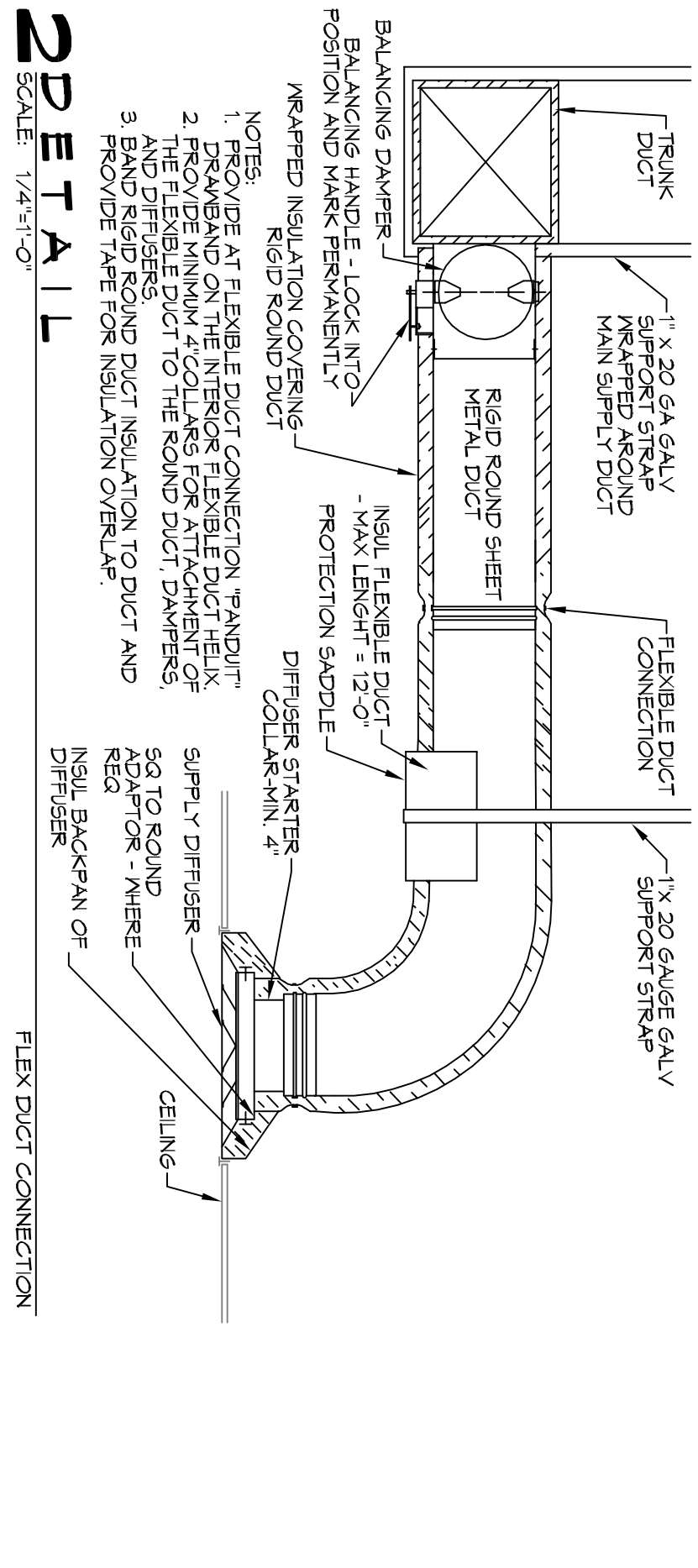
Room	Capacity (Btu/hr)	Capacity (Tons)	Capacity (kW)	Capacity (HP)
1. Wind Remover Unit	15,000	0.43	1.3	1.7
2. Wind Remover Unit	15,000	0.43	1.3	1.7
3. Wind Remover Unit	15,000	0.43	1.3	1.7
4. Wind Remover Unit	15,000	0.43	1.3	1.7
5. Wind Remover Unit	15,000	0.43	1.3	1.7

DIFFUSER SCHEDULE

Diffuser No.	Service	Model	Size	Description
1	Supply Air	100	12" x 12"	Standard Diffuser
2	Supply Air	100	12" x 12"	Standard Diffuser
3	Supply Air	100	12" x 12"	Standard Diffuser
4	Supply Air	100	12" x 12"	Standard Diffuser
5	Supply Air	100	12" x 12"	Standard Diffuser

AG SYSTEM SCHEDULE PHASE A

Make	Model	Normal Tons	Total CFM (A/C)	Max CFM (A/C)	Max CFM (H)	Max CFM (L)	Max CFM (R)	Max CFM (S)	Max CFM (T)	Max CFM (U)	Max CFM (V)	Max CFM (W)	Max CFM (X)	Max CFM (Y)	Max CFM (Z)
COOPER	ES2000S	5	1800	350	312	0.2	15	230	60	1	83.4	0.1	0.1	0.1	0.1
COOPER	ES2000S	5	1800	350	312	0.2	15	230	60	1	83.4	0.1	0.1	0.1	0.1
COOPER	ES2000S	5	1800	350	312	0.2	15	230	60	1	83.4	0.1	0.1	0.1	0.1
COOPER	ES2000S	5	1800	350	312	0.2	15	230	60	1	83.4	0.1	0.1	0.1	0.1
COOPER	ES2000S	5	1800	350	312	0.2	15	230	60	1	83.4	0.1	0.1	0.1	0.1



MECHANICAL PLAN PHASE A

SHEET TITLE: MECHANICAL PLAN PHASE A

34492 WILLIS ALLEY
PEARL RIVER LA.

JOB No: 2340 DATE: 02/07/2018

DRAWN BY: JTL CHECKED BY: BAM

12 OF 2

REVISIONS

#	DESCRIPTION	DATE

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Sudelt, LA 70458

www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832 F: 985.641.5950