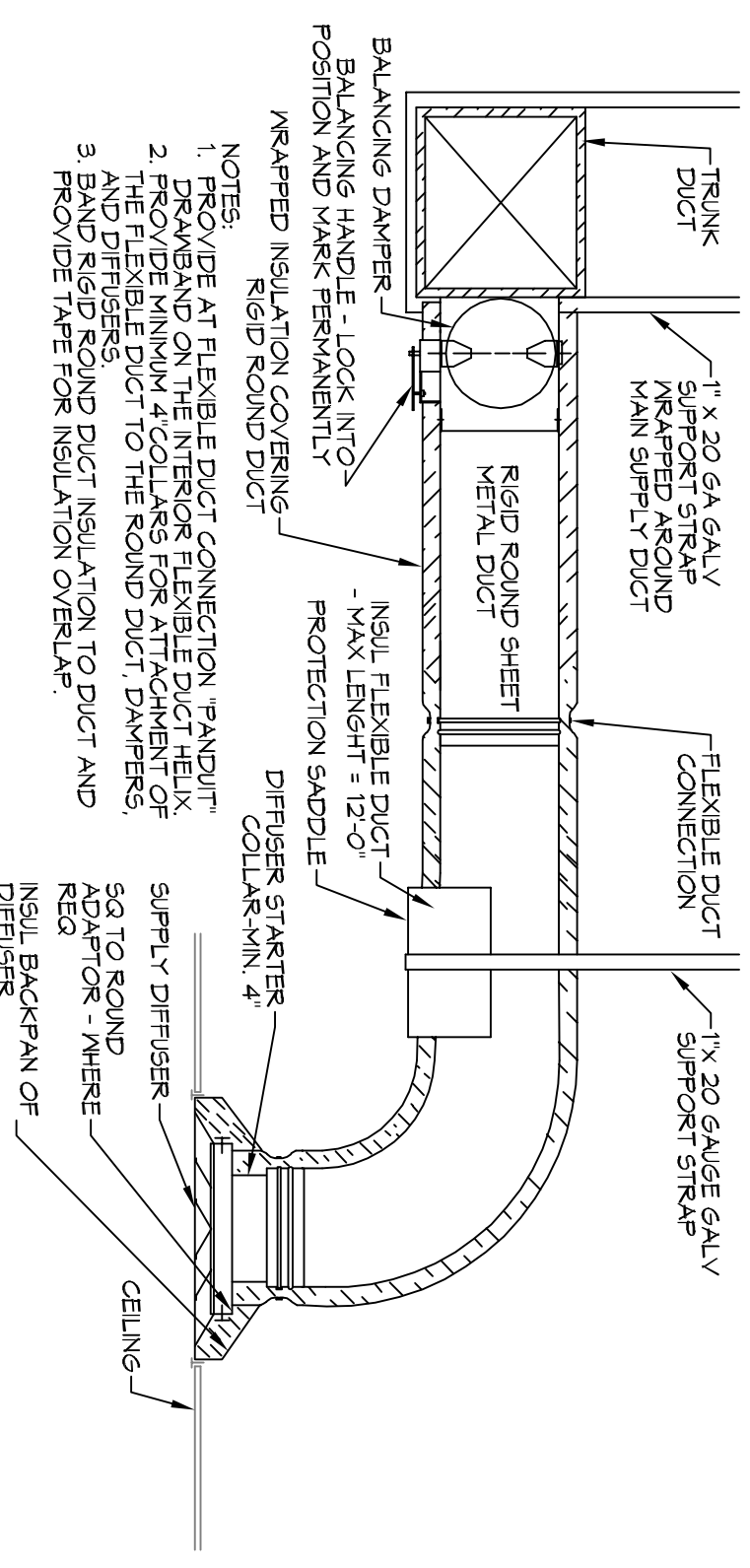


2 DETAIL
SCALE: 1/4"=1'-0"



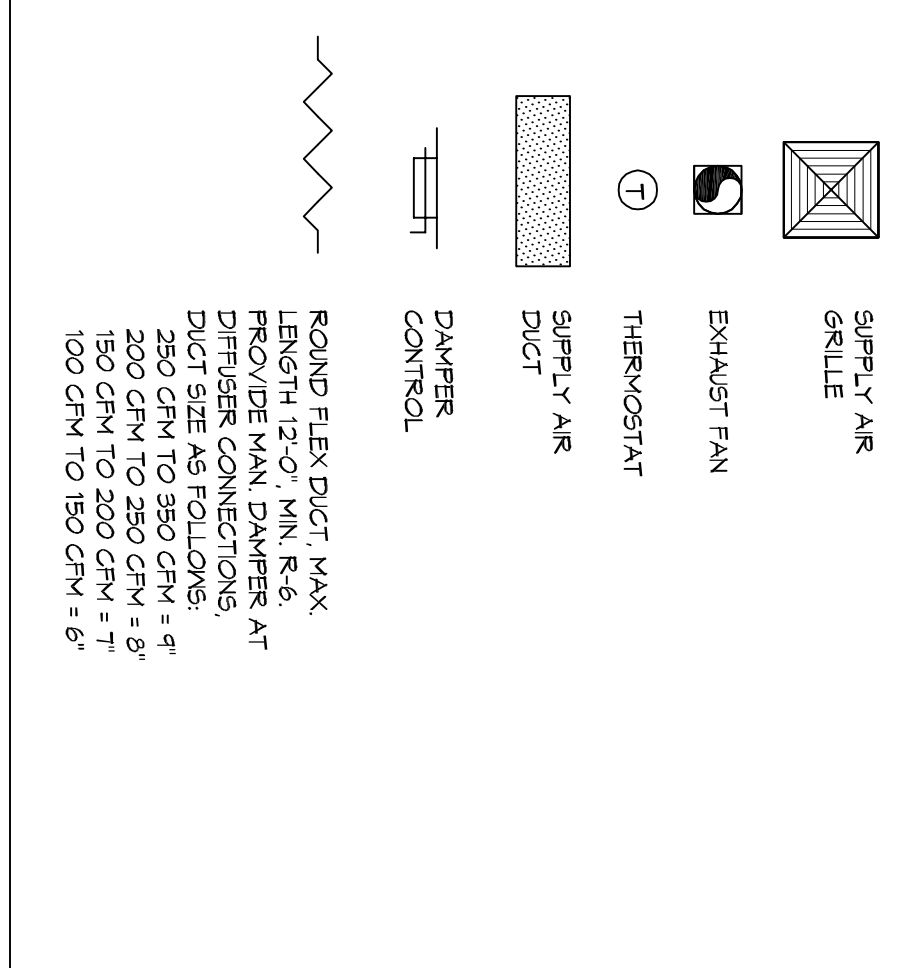
FLEX DUCT CONNECTION

EXHAUST FAN SCHEDULE

FAN NO.	CFM	VOLTAGE	TYPE	MFR LOCATION
EF-1	214	120	VENT	BROAN L200/WOMENS RESTROOM 102
EF-2	214	120	VENT	BROAN L200/WOMENS RESTROOM 103
EF-3	110	120	VENT	BROAN X810/MENS RESTROOM 121
EF-4	110	120	VENT	BROAN X810/MENS RESTROOM 130
EF-5	50	120	VENT	BROAN X850/TOILET 121

NOTE:
 1. ALL FANS INSTALLED IN RATED ASSEMBLIES SHALL BE EQUIPPED W/ APPROPRIATE FIRE DAMPER TO MATCH ASSEMBLY FIRE RATING.
 2. PAINT ALL SHUTTERS AND EXTERIOR GRILLES TO COLOR SPECIFICATION BY ARCHITECT.
 3. PROVIDE BRIDESCREENS ON ALL SHUTTERS AND EXTERIOR GRILLES.
 4. PROVIDE BLOCK FROM PREVENTER ON ALL EXHAUST SYSTEMS.

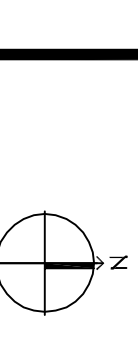
LEGEND



MECHANICAL HVAC NOTES

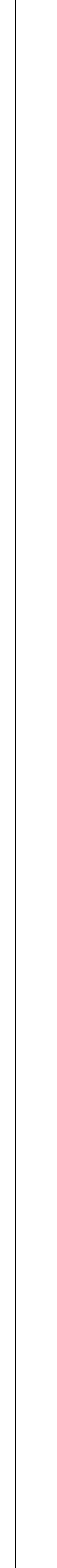
- ALL WALL MOUNTED AHUS UNITS ARE EXISTING AND ARE TO BE REBUILT WITH DUCTWORK AND VENTS FIELD VENTED THROUGH TO CONSTRUCTION AND INSTALLATION.
- CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH STANDARDS.
- EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6, INSTALLED PER SWACMA STANDARDS.
- ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
- DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72E 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.
- PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FRESH AIR ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INKES AND EXHAUST FANS.
- CONDUIT DRIVERS TO BE PVC PIPE WITH FIBERGLASS F-RAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
- ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
- ALL RESTROOM EXHAUST FAN(S) SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE PROX. BRAND VENTIL. WATER PROOF GULLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FUTURE EXHAUST.
- ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
- FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CALKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM E814).
- ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTER, ETC.
- FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-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.
- FRESH AIR AND NEUTRAL SMOKE DETECTORS AS APPROVED BY LOCAL A.U.S. PLACE NEAR R/A AND S/A OPENINGS OF AIR/ AND PROVIDE WITH ACCESS PANEL, FINISH BY ELECTRICAL CONTRACTOR, IF REQUIRED.
- FRESH AIR INKES ARE REQUIRED TO HAVE VENTORIZED OR GRANULAR DAMPERS TO SHUT OFF WHEN STEAM IS NOT RUNNING.
- PROVIDE BRID 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 FLOOR VENTS.

MECHANICAL PLAN
SCALE: 3/16"=1'-0"

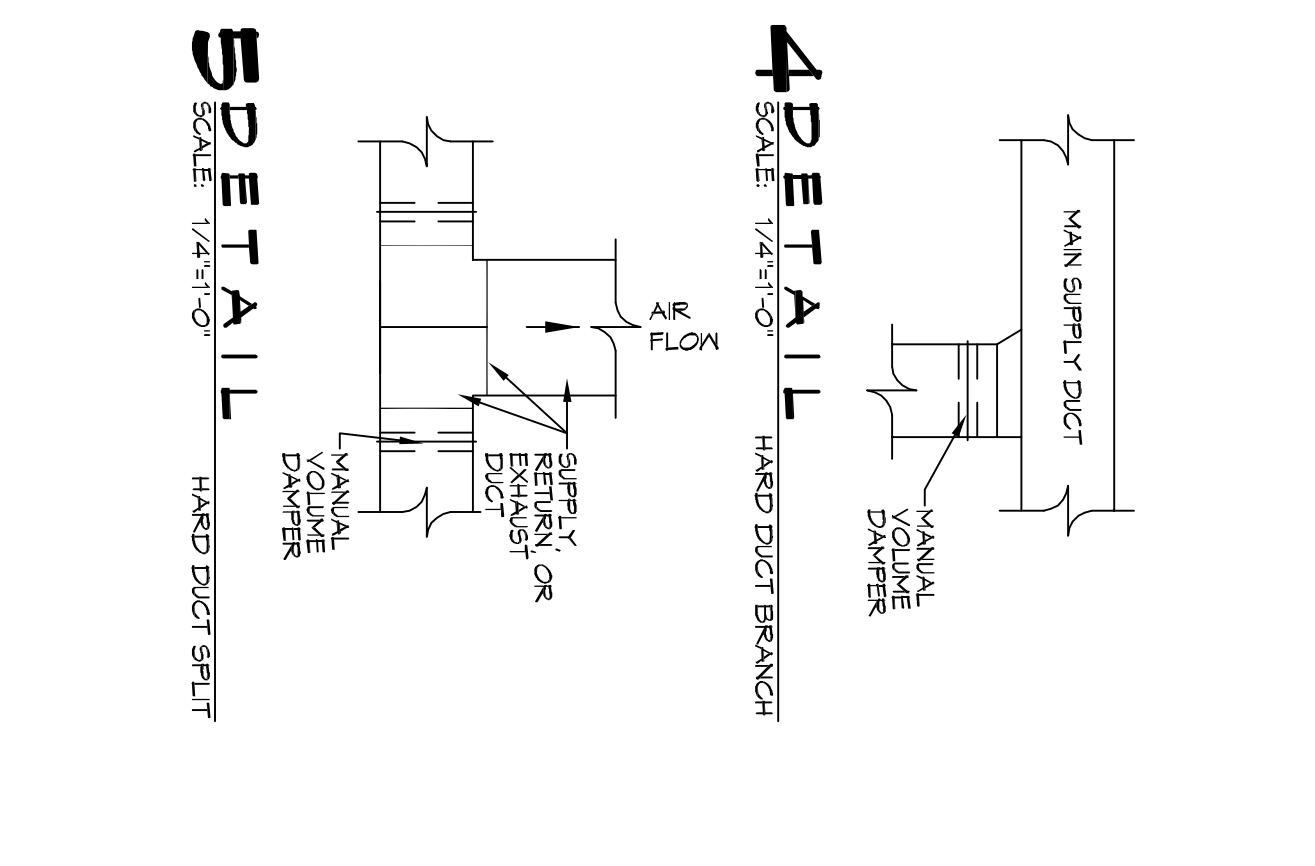


SCALE: 3/16"=1'-0"

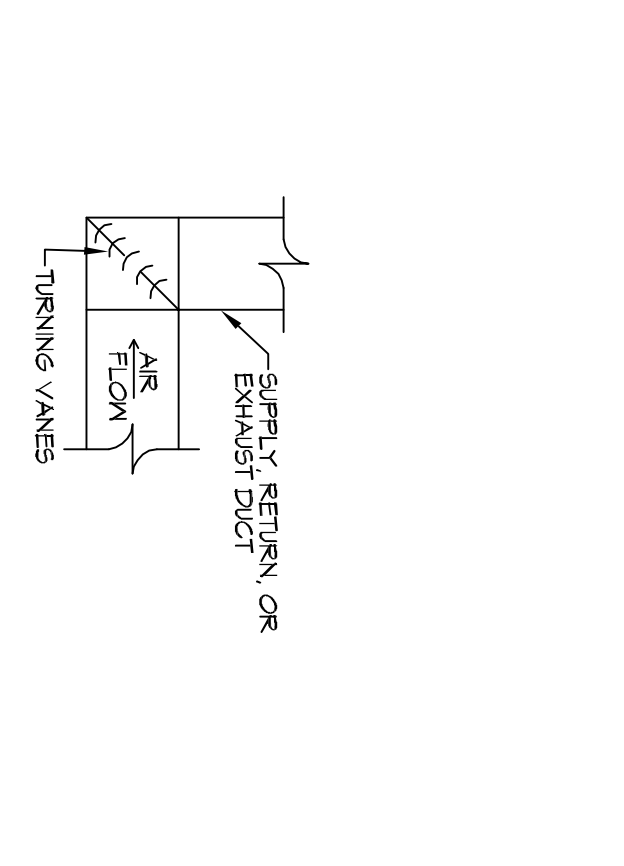
MECHANICAL PLAN



2 DETAIL
SCALE: 1/4"=1'-0"



2 DETAIL
SCALE: 1/4"=1'-0"



M101

DRAWING NUMBER:
SHEET TITLE:
MECHANICAL PLAN

JONES LOUISIANA
 3770 LEGGETT ROAD
 SLIDELL, LA 70460
 JOB NO: 2245 DATE: 9/15/2017
 DRAWN BY: JTL CHECKED BY: BAM



REVISIONS

#	DESCRIPTION	DATE

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