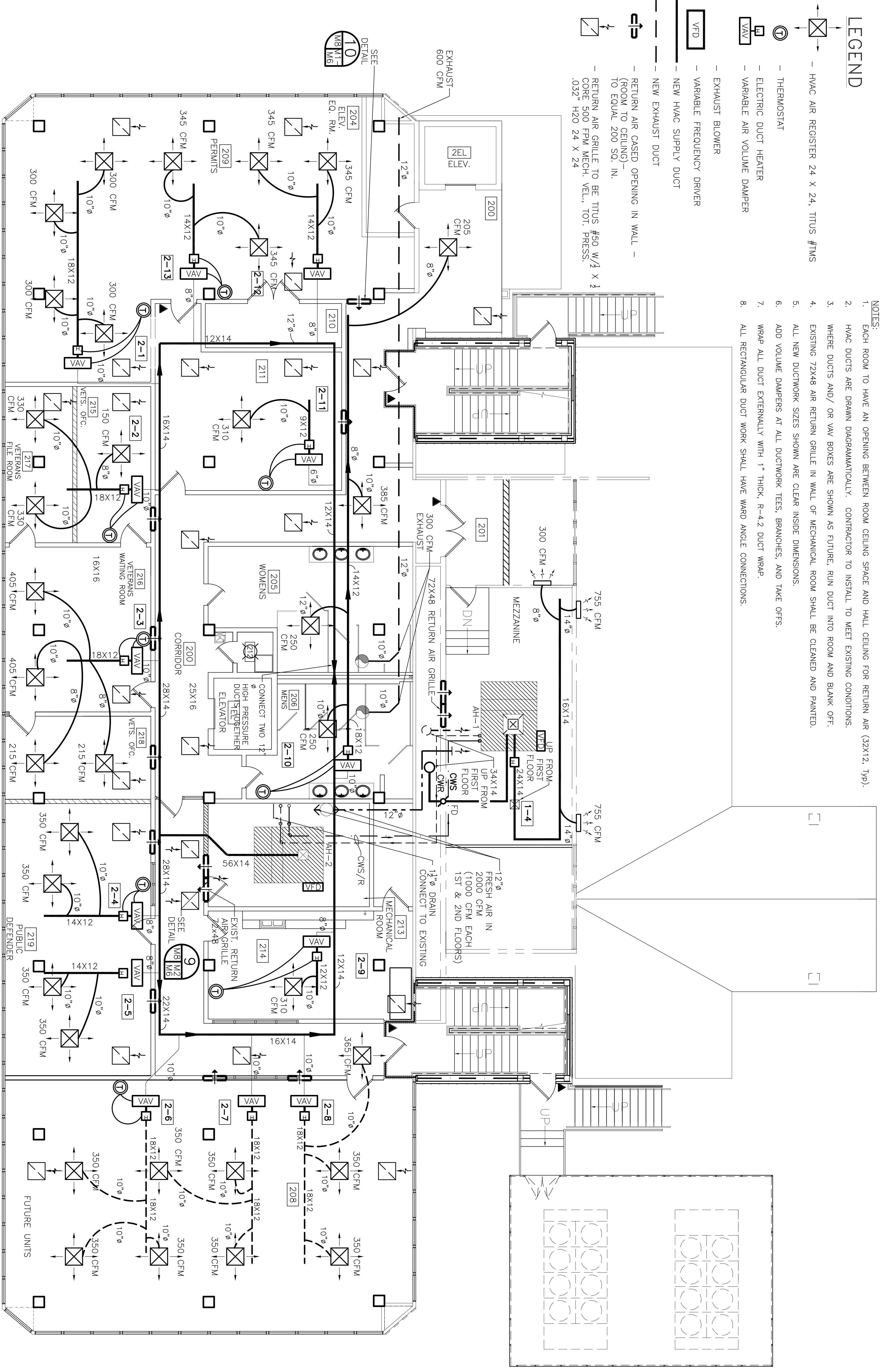


**LEGEND**

- HVAC AIR REGISTER 24 X 24, TITUS #TMS
- THERMOSTAT
- ELECTRIC DUCT HEATER
- VARIABLE AIR VOLUME DAMPER
- EXHAUST BLOWER
- VARIABLE FREQUENCY DRIVER
- NEW HVAC SUPPLY DUCT
- NEW EXHAUST DUCT
- RETURN AIR CASSED OPENING IN WALL - (ROOM TO CEILING) - TO EQUAL 200 SQ. IN.
- RETURN AIR GRILLE TO BE TITUS #50 W/4 X 1 CORE 500 FPM MECH. VEL., TOT. PRESS. .032" H2O 24 X 24

- NOTES:
1. EACH ROOM TO HAVE AN OPENING BETWEEN ROOM CEILING SPACE AND HALL CEILING FOR RETURN AIR (32X12, 1YP).
  2. HVAC DUCTS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO INSTALL TO MEET EXISTING CONDITIONS.
  3. WHERE DUCTS AND/ OR VAV BOXES ARE SHOWN AS FUTURE, RUN DUCT INTO ROOM AND BLANK OFF.
  4. EXISTING 12X48 AIR RETURN GRILLE IN WALL OF MECHANICAL ROOM SHALL BE CLEANED AND PAINTED.
  5. ALL NEW DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
  6. ADD VOLUME DAMPERS AT ALL DUCTWORK TEES, BRANCHES, AND TAKE OFFS.
  7. WRAP ALL DUCT EXTERNALLY WITH 1" THICK, R-4.2 DUCT WRAP.
  8. ALL RECTANGULAR DUCT WORK SHALL HAVE WARD ANGLE CONNECTIONS.



2ND FLOOR HVAC EQUIPMENT- VAV BOXES

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SECOND FLOOR MECHANICAL PLAN

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	STAGES	VOLTAGE	PHASE	VAV VALVE SIZE	ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	STAGES	VOLTAGE	PHASE	VAV VALVE SIZE	ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	STAGES	VOLTAGE	PHASE	VAV VALVE SIZE			
209	2-1	1400	1200	410	5.5	2	277	1	10" DIAMETER	FUTURE	2-6	1400	1050	410	5.5	2	277	1	10" DIAMETER**	211	2-11	500	310	150	1.5	1	277	1	6" DIAMETER			
215	2-2	1400	810	410	5.5	2	277	1	10" DIAMETER	FUTURE	2-7	1400	1050	410	5.5	2	277	1	10" DIAMETER**	209	2-12	900	690	285	3.5	2	277	1	8" DIAMETER***			
216	2-3	1400	1240	410	5.5	2	277	1	10" DIAMETER	FUTURE	2-8	1400	1085	410	5.5	2	277	1	10" DIAMETER***	209	2-13	900	690	285	3.5	2	277	1	8" DIAMETER***			
219	2-4	900	700	265	3.5	2	277	1	10" DIAMETER**	214	2-9	900	310	210	2	1	277	1	8" DIAMETER													
219	2-5	900	700	265	3.5	2	277	1	10" DIAMETER**	206	2-10	1400	1190	550	7	3	277	1	10" DIAMETER													

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

REVISED: 11-05-07/ab  
 REVISED: 06-04-07/ab  
 REVISED: 05-10-07/ab  
 REVISED: 05-02-07/ab  
 REVISED: 04-09-07/ab  
 REVISED: 03-30-07/ab  
 REVISED: 03-22-07/ab

STAR SERVICE 2-18-08

RFP #2 11-13-07

**2ND FLOOR MECHANICAL PLAN**

ST. TAMMANY PARISH ADMIN. COMPLEX  
 520 OLD SPANISH TRAIL  
 SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

**DAMMON ENGINEERING, INC.**

1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458  
 DAMMONENGINEERING.COM

FILE: \_\_\_\_\_

SCALE: AS NOTED

JOB NO. 1729

DATE: 12-07-06

SHEET **M-2**

OF \_\_\_\_\_