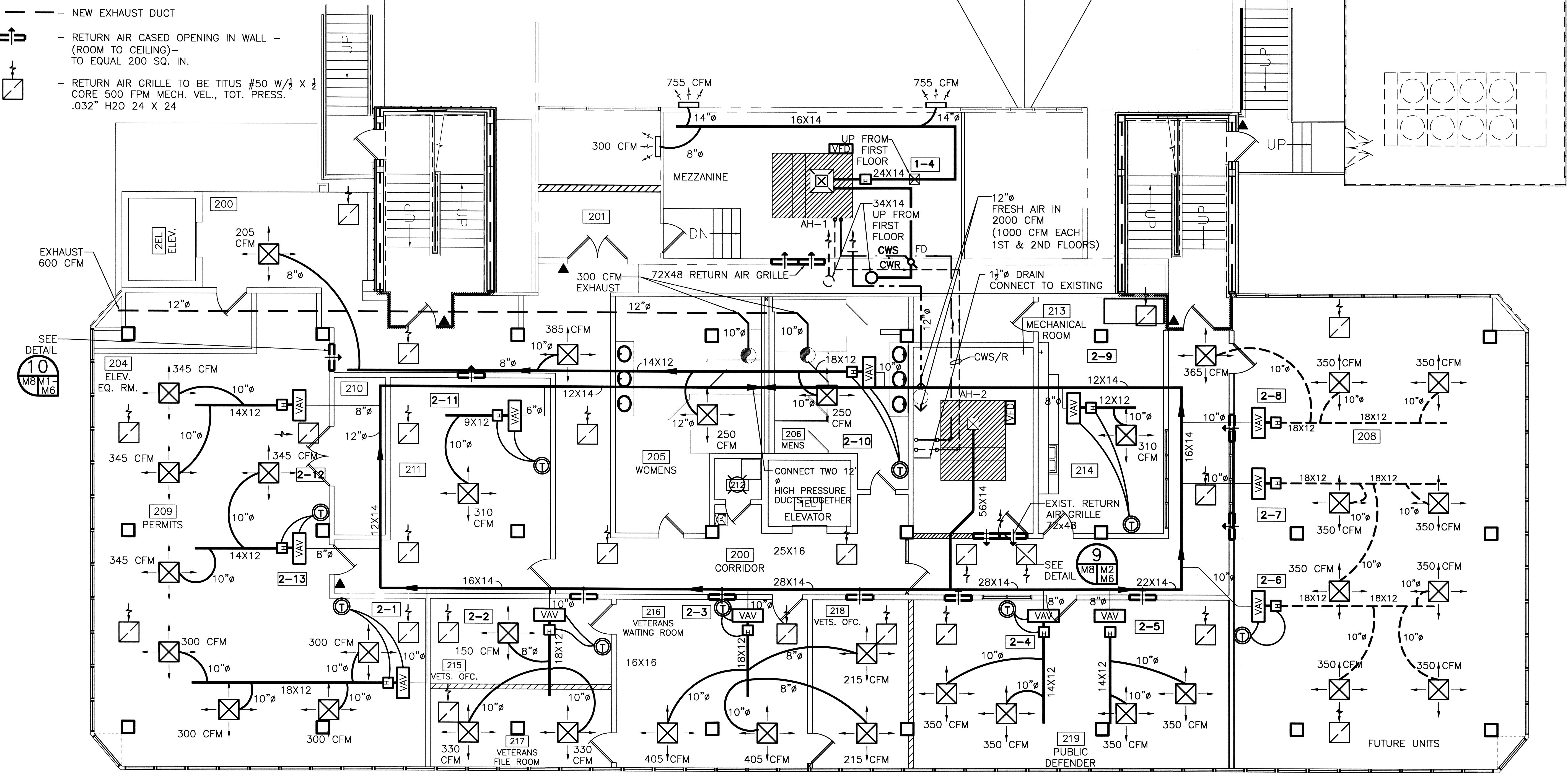


- SEE MECHANICAL SUBMITTALS FOR ALL BUILTS -

**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 CASING OPENING IN WALL - (ROOM TO CEILING) - TO EQUAL 200 SQ. IN.
- RETURN AIR GRILLE TO BE TITUS #50 W 1/2 X 1/2 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, Typ).
  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 72X48 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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2ND FLOOR HVAC EQUIPMENT- VAV BOXES

SECOND FLOOR MECHANICAL PLAN

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

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	1,400	1,200	410	5.5	2	277	1	10" DIAMETER	FUTURE	2-6	1,400	1,050	410	5.5	2	277	1	10" DIAMETER***	211	2-11	500	310	150	1.5	1	277	1	8" DIAMETER
215	2-2	1,400	810	410	5.5	2	277	1	10" DIAMETER	FUTURE	2-7	1,400	1,050	410	5.5	2	277	1	10" DIAMETER***	209	2-12	900	690	265	3.5	2	277	1	8" DIAMETER****
216	2-3	1,400	1,240	410	5.5	2	277	1	10" DIAMETER	FUTURE	2-8	1,400	1,065	410	5.5	2	277	1	10" DIAMETER***	209	2-13	900	690	265	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	1,400	1,190	550	7	3	277	1	10" DIAMETER										

\*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.

\*\*SLAVE BOXES 2-4 & 2-5.

\*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.

\*\*\*SLAVE BOXES 2-6, 2-7, & 2-8.

\*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.

\*\*\*\*SLAVE BOXES 2-12 & 2-13.

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

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

SCALE: AS NOTED

FILE:

JOB NO. 1729

DATE: 12-07-06

SHEET

M-2  
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