

- SEE MECHANICAL SUBMITTALS FOR AS BUILT -

LEGEND

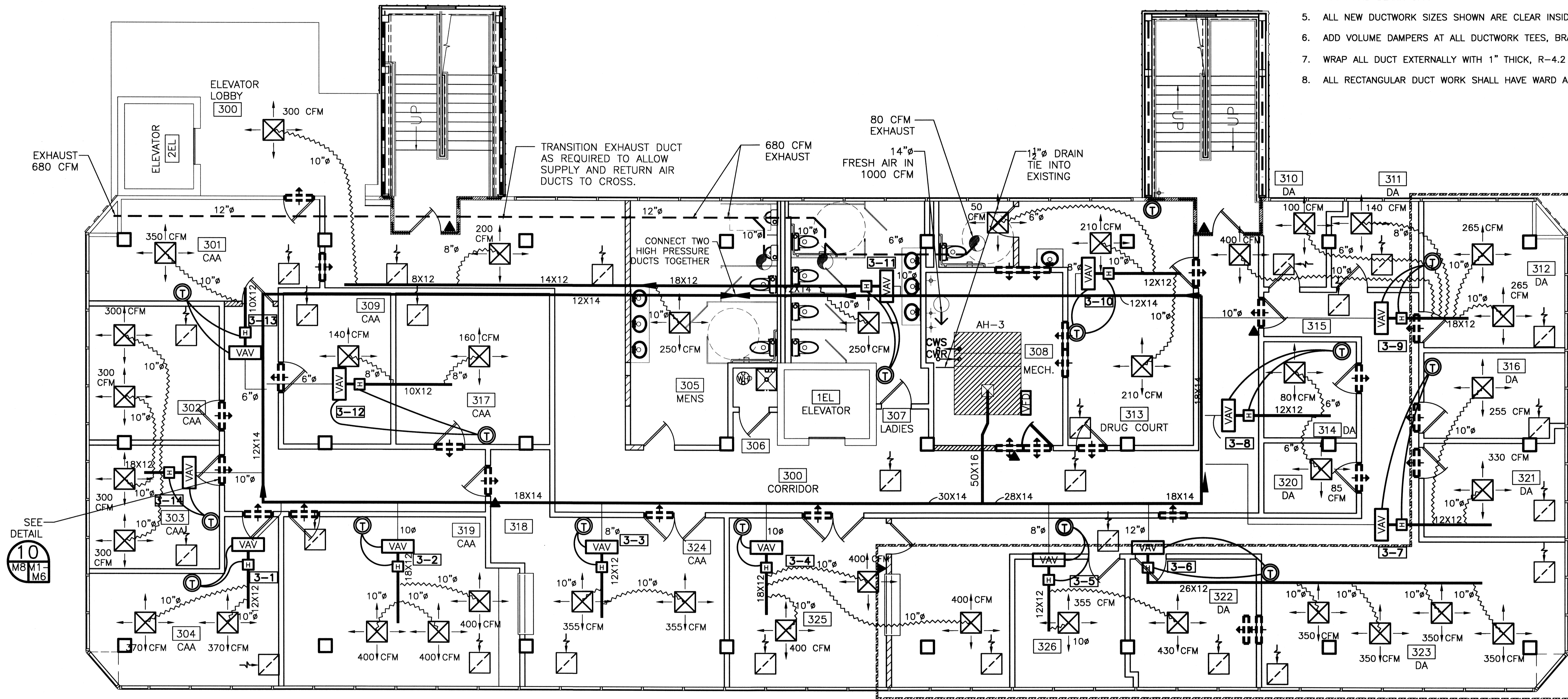
— HVAC SUPPLY DUCT
 - - - EXHAUST DUCT

⊠ - HVAC AIR REGISTER 24 X 24, TITUS #TMS
 ⊙ - THERMOSTAT
 ⊠ - RETURN AIR GRILLE TO BE TITUS #50.

⊠ - RETURN AIR CASD OPENING IN WALL - (ROOM TO CEILING) - TO EQUAL 200 SQ. IN.
 ⊠ - ELECTRIC DUCT HEATER
 ⊠ - VARIABLE AIR VOLUME DAMPER
 ⊙ - EXHAUST BLOWER
 ⊠ - VARIABLE FREQUENCY DRIVER

NOTES:

1. EACH ROOM TO HAVE AN OPENING BETWEEN ROOM CEILING SPACE AND HALL CEILING FOR RETURN AIR (32X12, TYP).
2. RETURN AIR ABOVE CEILING IN MECHANICAL ROOM COORDINATE LOCATION OF OPENINGS IN FIELD.
3. HVAC DUCTS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO INSTALL TO MEET EXISTING CONDITIONS.
4. WHERE DUCTS AND/ OR VAV BOXES ARE SHOWN AS FUTURE, RUN DUCT INTO ROOM AND BLANK OFF.
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.



THIRD FLOOR MECHANICAL PLAN

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



3RD FLOOR HVAC EQUIPMENT- VAV BOXES									3RD FLOOR HVAC EQUIPMENT- VAV BOXES									3RD FLOOR HVAC EQUIPMENT- VAV BOXES											
ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	KW	STAGES	VOLTAGE	PHASE	VAV VALVE SIZE	ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	KW	STAGES	VOLTAGE	PHASE	VAV VALVE SIZE	ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	KW	STAGES	VOLTAGE	PHASE	VAV VALVE SIZE
304	3-1	900	740	315	4	2	277	1	8" DIAMETER	323	3-6	2,000	1,400	600	8.0	2	277	1	12" DIAMETER	307	3-11	1,400	1000	600	8	2	277	1	10" DIAMETER
319	3-2	1,400	1,200	420	5.5	2	277	1	10" DIAMETER	321	3-7	900	585	210	3.0	2	277	1	8" DIAMETER	317	3-12	500	300	250	3	2	277	1	6" DIAMETER
318	3-3	900	710	315	4	2	277	1	8" DIAMETER	320	3-8	500	165	165	1.5	1	277	1	6" DIAMETER	301	3-13	500	350	250	3	2	277	1	6" DIAMETER
325	3-4	1,400	1,200	420	5.5	2	277	1	10" DIAMETER	312	3-9	1,400	1,170	820	11.0	2	277	1	10" DIAMETER	303	3-14	1,400	1200	450	6	2	277	1	10" DIAMETER
326	3-5	900	785	315	4	2	277	1	8" DIAMETER	313	3-10	900	470	210	3	2	277	1	8" DIAMETER										

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.
 TOTAL FLOOR CFM = 11,275

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⊠ - INDICATES AREAS CHANGED - 10/17/08

RFP 6 REVISED: 10-17-08ab
 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

3RD FLOOR MECHANICAL PLAN

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

RENOVATE OFFICE BUILDING

AMMON ENGINEERING, INC.
 1096 FLORIDA AVENUE 985-649-6832 SLIDELL, LA. 70458
 DAMMONENGINEERING.COM

SCALE: AS NOTED

FILE:

JOB NO. 1729

DATE: 12-07-06

SHEET

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OF