

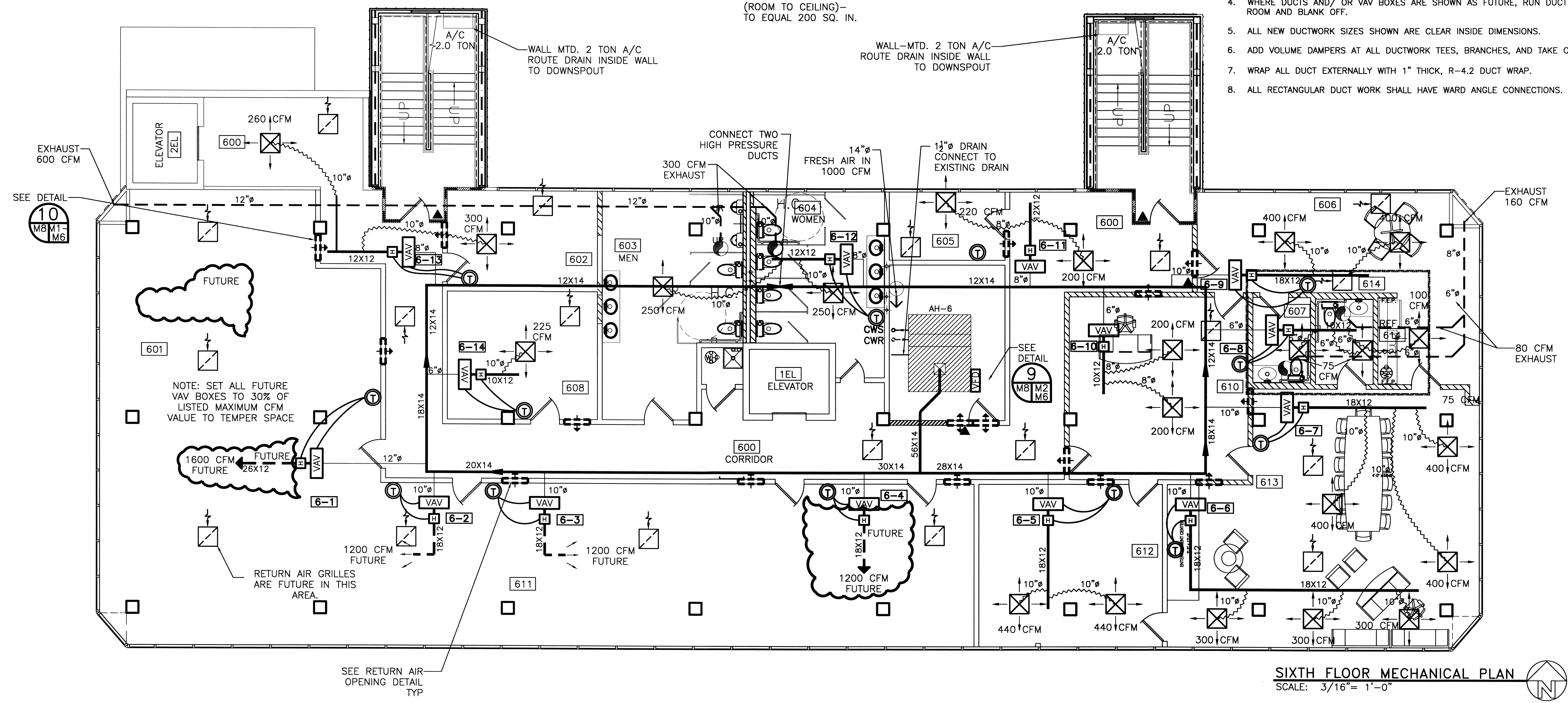
- SEE MECHANICAL SUBMITTALS FOR AIR QUALITY -

LEGEND

- - - - - HVAC SUPPLY DUCT
- - - - - EXHAUST DUCT
- HVAC AIR REGISTER 24 X 24, TITUS #TMS
- THERMOSTAT
- ELECTRIC DUCT HEATER
- VARIABLE AIR VOLUME DAMPER
- EXHAUST BLOWER
- VARIABLE FREQUENCY DRIVER
- RETURN AIR GRILLE TO BE TITUS #50.
- RETURN AIR CASSED OPENING IN WALL - (ROOM TO CEILING) - TO EQUAL 200 SQ. IN.

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 DIAGMATICALLY. 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.



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

6TH FLOOR HVAC EQUIPMENT- VAV BOXES										6TH FLOOR HVAC EQUIPMENT- VAV BOXES										6TH 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
601	6-1	2,000	1,600	600	8.0	2	277	1	12" DIAMETER	613	6-6	1,400	900	450	6.0	2	277	1	10" DIAMETER	605	6-11	900	420	210	3.0	2	277	1	8" DIAMETER
611	6-2	1,400	1,200	450	6.0	2	277	1	10" DIAMETER	613	6-7	1,400	1,200	450	6.0	2	277	1	10" DIAMETER	604	6-12	900	550	550	7.0	2	277	1	8" DIAMETER
611	6-3	1,400	1,200	450	6.0	2	277	1	10" DIAMETER	606	6-8	500	250	250	3.0	2	277	1	6" DIAMETER	600	6-13	900	560	265	3.5	2	277	1	8" DIAMETER
611	6-4	1,400	1,200	450	6.0	2	277	1	10" DIAMETER	606	6-9	1,400	800	350	5.0	2	277	1	10" DIAMETER	608	6-14	500	225	210	2.0	2	277	1	6" DIAMETER
612	6-5	1,400	880	450	6.0	2	277	1	10" DIAMETER	610	6-10	500	400	150	1.5	1	277	1	6" DIAMETER										

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.
TOTAL FLOOR CFM = 11,385

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- INDICATES AREAS CHANGED - 10/17/08

6TH 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.

DATE: 12-07-06

SHEET

M-6

OF