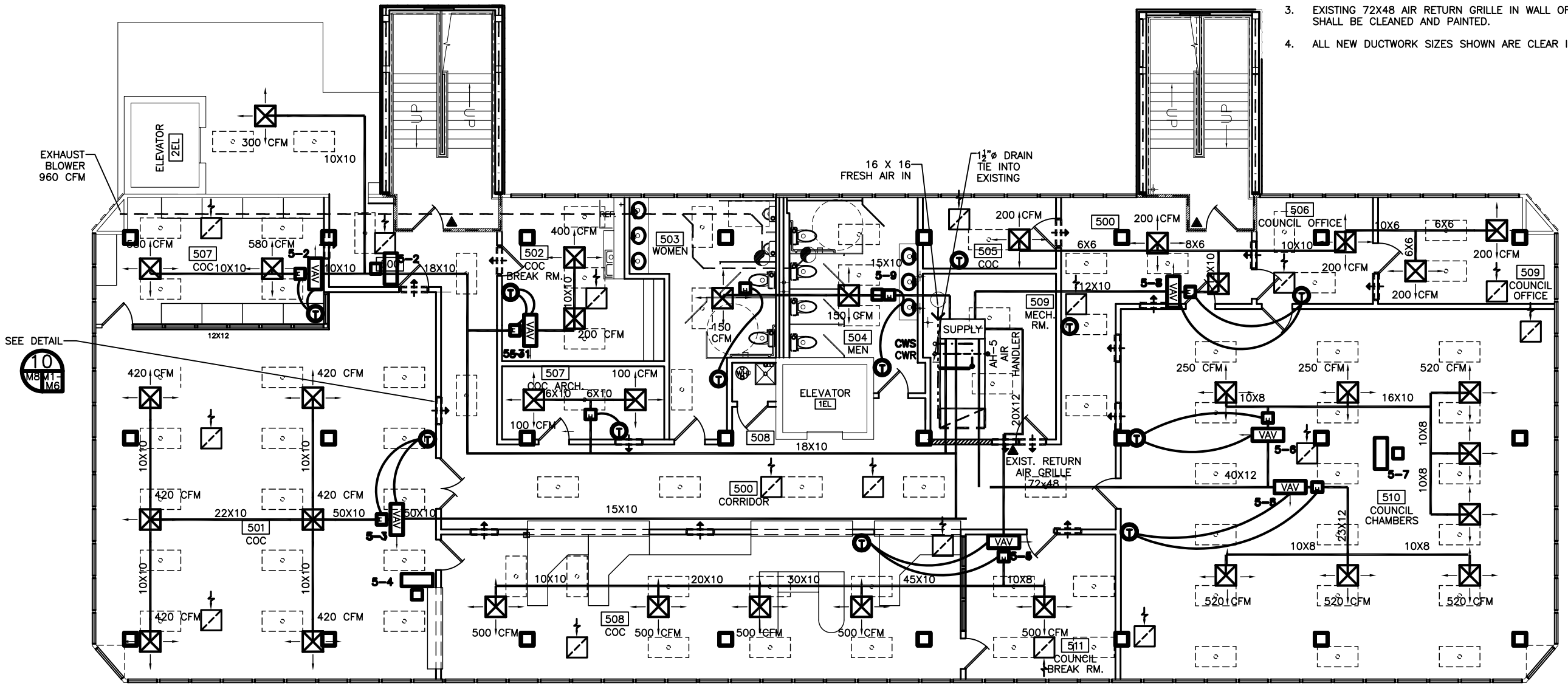
NOTES:

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. EXISTING 72X48 AIR RETURN GRILLE IN WALL OF MECHANICAL ROOM SHALL BE CLEANED AND PAINTED.
4. ALL NEW DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.



FIFTH FLOOR MECHANICAL PLAN

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

5TH FLOOR HVAC EQUIPMENT- VAV & HEATERS								
		COOLING BTU/H				HEATING		
ROOM	VAV NO.	SEN	LAT	TOTAL	CFM	BTU	KW	CARRIER BYPASS VAV
501	5-1	67,146	9,560	76,706	2,520	25,800	7.6	35K-14
507	5-2	15,118	2,868	17,986	560	4,870	1.4	35K-6
502	5-3	16,127	2,448	18,575	600	5,315	1.6	35K-8
511	5-4	66,942	12,280	79,222	2,500	25,000	7.3	35K-14
510	5-5	41,050	6,140	47,190	1,560	14,850	4.4	35K-12
510	5-6	36,175	4,664	40,839	1,400	10,665	3.1	35K-12
CORR.	5-7	28,153	4,256	32,409	1,000	17,445	5.1	35K-10
507	5-8	-	-	-	-	17,250	5.0	N/A
503	5-9	-	-	-	-	17,250	5.0	N/A
504	5-10	-	-	-	-	17,250	5.0	N/A

SEE DRAWING M-2
IN ALTERNATE BID PACKAGE
FOR ALTERNATE HVAC SYSTEM
(ALTERNATE BID #2)

LEGEND

- NEW HVAC SUPPLY DUCT
- NEW EXHAUST DUCT
- HVAC AIR REGISTER 24 X 24, TITUS #TMSA-AA
- RETURN AIR GRILLE TO BE TITUS #50 W/½ X ½ CORE 500 FPM MECH. VEL., TOT. PRESS. .032" H2O (W/ DAMPER) 24 X 24
- RETURN AIR CASED OPENING IN WALL 32 x 12 (ROOM TO HALL CEILING)
- THERMOSTAT
- ELECTRIC DUCT HEATER
- RETURN VAV – VARIABLE AIR VOLUME DAMPER
- EXHAUST BLOWER

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

5TH 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:10-24-06
SHEET
M-5
OF