

WALL-MTD. 2 TON A/C
ROUTE DRAIN INSIDE WALL
TO DOWNSPOUT

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- NOTES:
1. EACH ROOM TO HAVE AN OPENING BETWEEN ROOM CEILING SPACE AND HALL CEILING FOR RETURN AIR (MIN. 1'-32X12).
 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. ADJUST AHU BYPASS TO ALLOW RECIRCULATION OF AIR, UNTIL SUCH TIME AS FUTURE UNITS ARE INSTALLED.
 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. INSTALL CONDUIT AND WIRE TO FUTURE VAV SITES.
 7. BRANCH DUCTS UPSTREAM OF VAV REQUIRE BALANCE DAMPERS. MAXIMUM VELOCITY 1,500 FPM.

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



LEGEND

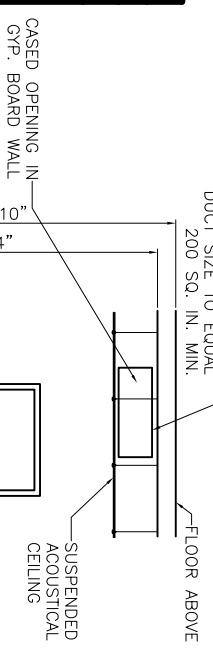
- NEW HVAC SUPPLY DUCT
- HVAC AIR REGISTER 24 X 24, TITUS #TMSA-AA
- THERMOSTAT
- ELECTRIC DUCT HEATER
- VARIABLE AIR VOLUME DAMPER
- EXHAUST BLOWER
- VARIABLE FREQUENCY DRIVER

- RETURN AIR GRILLE TO BE TITUS #50 W/1/2 X 1/2 CORE 500 FPM MECH. VELL., TOT. PRESS. .032" H2O 24 X 24
- RETURN AIR CASIED OPENING IN WALL - (ROOM TO CEILING) - IN. TO EQUAL 200 SQ. IN.

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

| 6TH FLOOR HVAC EQUIPMENT- VAV & HEATERS | | | | | |
|---|---------|-----------|-------------|-------|--------|
| ROOM | VAV NO. | COOL. MBH | HEATING MBH | * VAV | |
| 611 | 6-1 | 78 | 3,600 | 14 | 35E-16 |
| 611 | 6-2 | 39 | 1,800 | 6 | 35E-12 |
| 612 | 6-3 | 26 | 1,200 | 5 | 35E-9 |
| 613 | 6-4 | 43 | 1,980 | 7 | 35E-12 |
| 613 | 6-5 | 48 | 2,240 | 6 | 35E-12 |
| 606 | 6-6 | 36 | 1,660 | 9 | 35E-10 |
| 605 | 6-7 | 18 | 850 | 5 | 35E-8 |
| 602 | 6-8 | 13 | 600 | 3 | 35E-7 |
| 601 | 6-9 | 25 | 1,170 | 3 | 35E-9 |
| 601 | 6-10 | 25 | 1,170 | 3 | 35E-9 |
| 604 | 6-11 | - | - | 6 | 2 |

* CARRIER PART NUMBERS OR EQUAL



RETURN AIR OPENING DETAIL (TYP ALL FLOORS)
SCALE: 3/8" = 1'-0"

CONTRACT SET- 10/10/07

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