

DAMMON ENGINEERING, INC.

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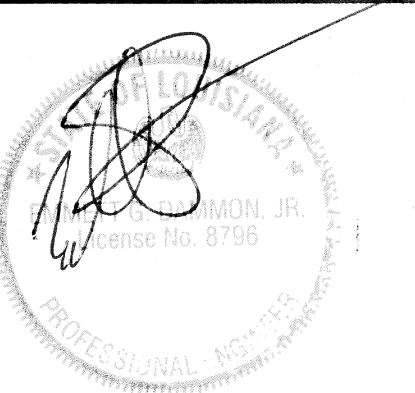
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ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

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SLIDELL, LA

MECHANICAL PLAN



REV:

SCALE: AS NOTED

JOB#: 2132

DATE: 04-17-12

SHEET 6

M-1

OF 12

- LEGEND**
- ☒ - INDICATES NEW CEILING DIFFUSER - CFM AS NOTED - 24x24 UNLESS OTHERWISE NOTED.
 - ☒ - INDICATES NEW RETURN AIR CEILING GRILLE OF SIZE INDICATED. TRANSFER DUCT TO BE RECTANGULAR AS INDICATED.
 - ⊠ - MECHANICAL VENT
 - Ⓣ - ZONE SENSOR THERMOSTAT WITH OVERRIDE AND SETPOINT ADJUSTMENT EQUAL TO CARRIER T-59
 - VVT# - SINGLE DUCT VVT TERMINAL
 - (solid line) - INDICATES NEW SHEET METAL DUCTWORK FOR SUPPLY AIR, SIZES INDICATED ARE SHEET METAL DIMENSIONS
 - (hatched line) - INDICATES NEW SHEET METAL DUCTWORK FOR RETURN AIR, SIZES INDICATED ARE SHEET METAL DIMENSIONS
 - (wavy line) - ROUND FLEX DUCT, MAX. LENGTH 14'-0", MIN. R-G PROVIDE MAN. DAMPER AT DIFFUSER CONNECTIONS, SIZE AS INDICATED OR:
0-200 CFM, USE 6"Ø
201-300 CFM, USE 8"Ø
301-400 CFM, USE 9"Ø
 - 3V - VVT ZONING SYSTEM EQUAL TO CARRIER 3V CONTROL SYSTEM

MECHANICAL PLAN

SCALE: 1/4" = 1'-0"

MECHANICAL PLAN NOTES:

1. ALL MECHANICAL EQUIPMENT IS SHOWN DIAGRAMMATICALLY AND SHALL BE FIELD VERIFIED AND ADJUSTED ACCORDINGLY. COORDINATE WITH ENGINEER.
2. BYPASS DUCT AND DAMPER SHALL BE SIZED TO TRANSFER UP TO 80% OF MAXIMUM UNIT AIR VOLUME. DUCT SHALL BE NOMINAL 30x50. HOWEVER DUCT DIMENSIONS MAY BE ADJUSTED IN ORDER TO ACCOMMODATE FIELD CONDITIONS. COORDINATE WITH ENGINEER.

