



LEVEL 1 - HVAC PLAN
SCALE: 1/8" = 1'-0"

FCU OSA SCHEDULE		
WSHP #	OSA	
	CFM	DUCT SIZE
FCU-103	120	6"
FCU-105	85	6"
FCU-108	145	6"
FCU-109	180	8"
FCU-134A	40	6"
FCU-134B	40	6"
FCU-134C	95	6"

NOTE 1: SEE FCU SCHEDULE ON SHEET M4.1

FCU OSA SCHEDULE		
WSHP #	OSA	
	CFM	DUCT SIZE
FCU-134D	180	8"
FCU-139	40	6"
FCU-140A	190	8"
FCU-140B	200	8"
FCU-140C	55	6"
FCU-145	85	6"
FCU-146	80	6"

NOTE 1: SEE GLHP SCHEDULE ON SHEET M4.1

GENERAL NOTES

- PROVIDE FIRE DAMPER IN DUCTWORK AT FLOOR SLAB PENETRATION AND 2 HOUR RATED WALLS.
- ALL SUPPLY AIR REGISTERS TO BE TYPE S-1 AND ALL RETURN AIR GRILLES TO BE TYPE R-1, 24x24 OR 24x12, SIZE AS SHOWN, UNLESS OTHERWISE NOTED.
- WALL-MOUNTED SENSORS AND THERMOSTATS SHALL BE MOUNTED AT 48" AFF.
- MAXIMUM FLEXIBLE DUCT RUN TO DIFFUSERS SHALL NOT EXCEED 7 FEET. WHERE LENGTH EXCEEDS 7 FEET, PROVIDE INSULATED GALVANIZED STEEL RUNOUTS. FLEXIBLE DUCTWORK ONLY ALLOWED OVER ACCESSIBLE LAY IN CEILING.
- RUNOUTS TO DIFFUSERS TO BE SAME SIZE AS DIFFUSER NECK SIZE. PROVIDE SCOOP, SPIN-IN, AND SINGLE BLADE DAMPER AT ALL DIFFUSER TAKE OFFS.
- COORDINATE LOCATION OF ALL DIFFUSERS AND RETURN AIR GRILLES WITH ARCHITECTURAL REFLECTED CEILING PLAN.
- INSTALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS SO THAT ACCESS IS PROVIDED AS REQUIRED BY INSTALLATION MANUAL.
- SEE DRAWING SHEET M4.1 FOR HVAC SCHEDULES AND LEGEND.
- ALL DUCTWORK AND PIPING TO BE INSTALLED ABOVE CEILING UNLESS OTHERWISE NOTED. COORDINATE DUCTWORK AND PIPING TO AVOID CONFLICTS WITH STRUCTURE, LIGHTING FIXTURES AND ELECTRICAL CONDUIT/CABLING.
- PROTECT ALL MATERIALS AND EQUIPMENT FROM DAMAGE. SEAL ENDS OF OPEN DUCTWORK AND PIPING DURING CONSTRUCTION TO PREVENT ENTRY OF DUST & DEBRIS.

KEY NOTES

- 10x10 TRANSFER DUCT ABOVE CEILING.
- 24x14 TRANSFER DUCT ABOVE CEILING.
- 24x24 OUTSIDE AIR FROM DOAS-1 TRANSITION UP TO 30x20.
- 12x18 EXHAUST UP.
- 12x18 RETURN UP.
- CONTINUOUS LINEAR DIFFUSER WITH MITERED CORNERS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LENGTH. BLANK OFF UNUSED PORTIONS.
- CONTINUOUS LINEAR RETURN WITH MITERED CORNERS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LENGTH.
- CONTINUOUS LINEAR BLANKED OFF RETURN WITH MITERED CORNERS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LENGTH.
- RETURN PLENUM.

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

Johnson, Spellman & Associates, Inc.
6991 Peachtree Industrial Boulevard, Building 700
Norcross, Georgia 30092
Phone (770) 447-4555 Fax (770) 446-9042
visit us at www.jsa.com
© 2008 Johnson, Spellman & Associates, Inc.

THIS DRAWING IS THE PROPERTY OF RICHARD WITTSCHIERBE ARCHITECTS, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF RICHARD WITTSCHIERBE ARCHITECTS, INC. NOT VALID UNLESS SIGNED AND SEALED.

DRAWING TITLE:

LEVEL 1 HVAC PLAN

PROJECT NUMBER:
200614

DATE:
5/25/07

DRAWING NUMBER:

M2.1