



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.

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NOT FOR CONSTRUCTION

JSA CONSULTING ENGINEERS
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.jasae.com
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