



ARCHITECTS
INTERIORS
PLANNING

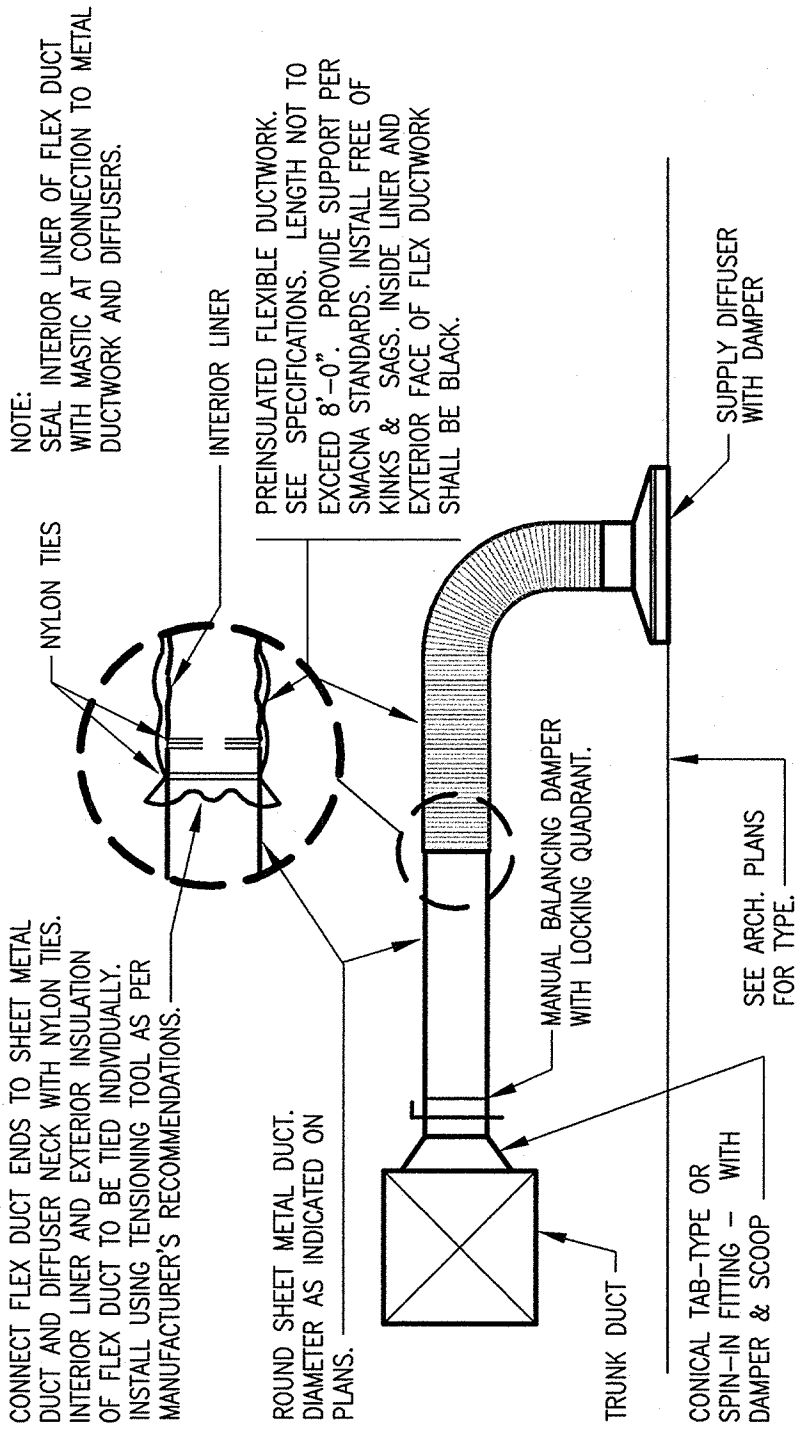
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QUEST
DIAGNOSTICS

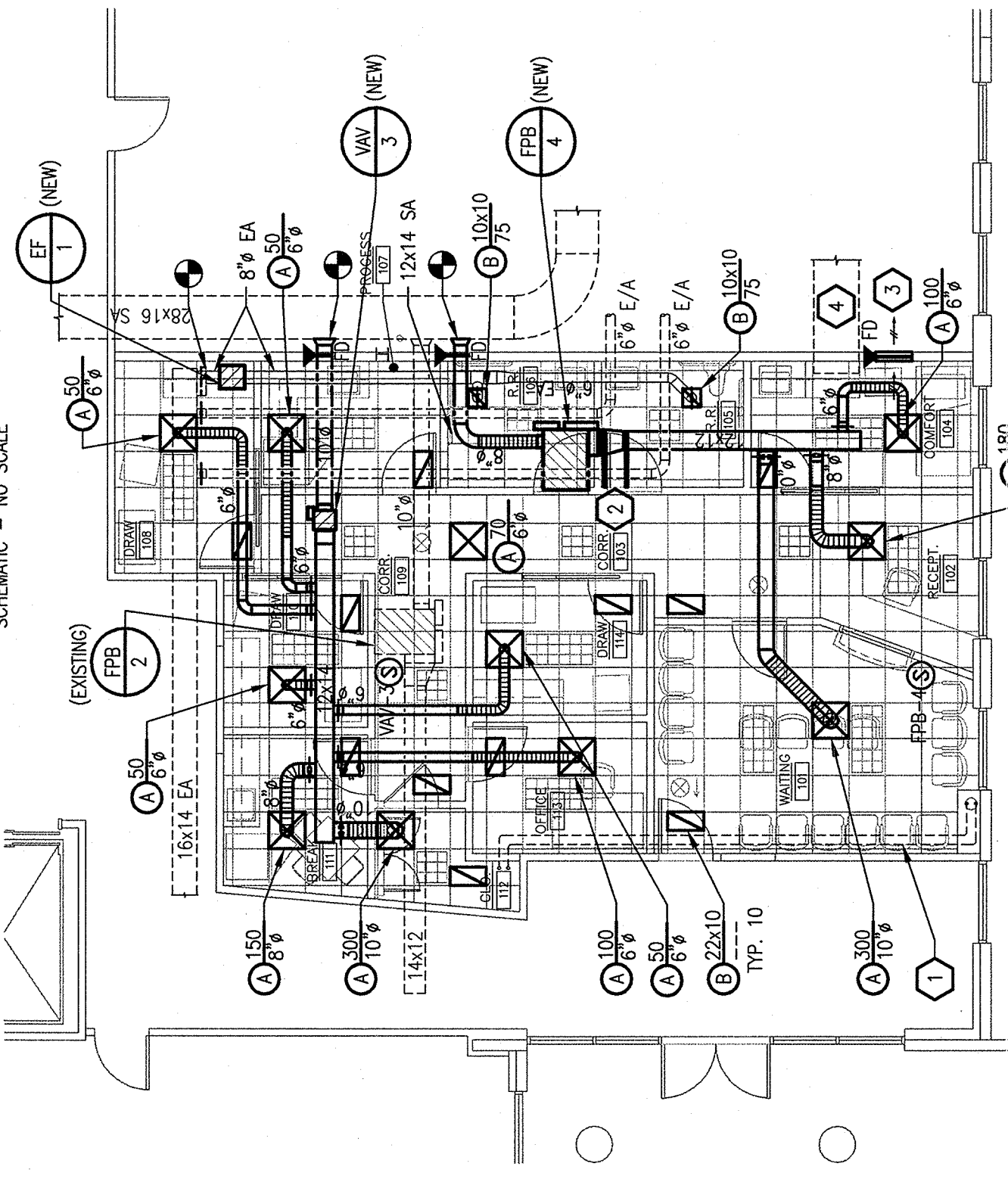
DENTON,
TEXAS

DATE: _____
DESIGNED FOR: _____
DATE: 05.19.10 PREPARED BY: _____

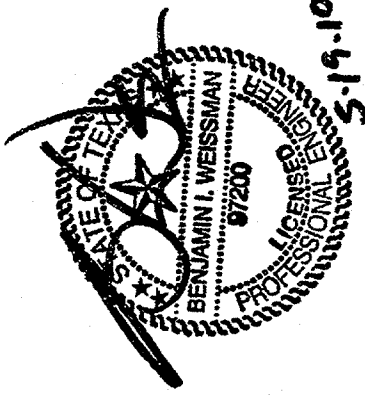
PROJECT: 09049
SHEET: M2
PLOT SCALE: _____



FLEXIBLE DUCT TAKE-OFF DETAIL
SCHEMATIC - NO SCALE

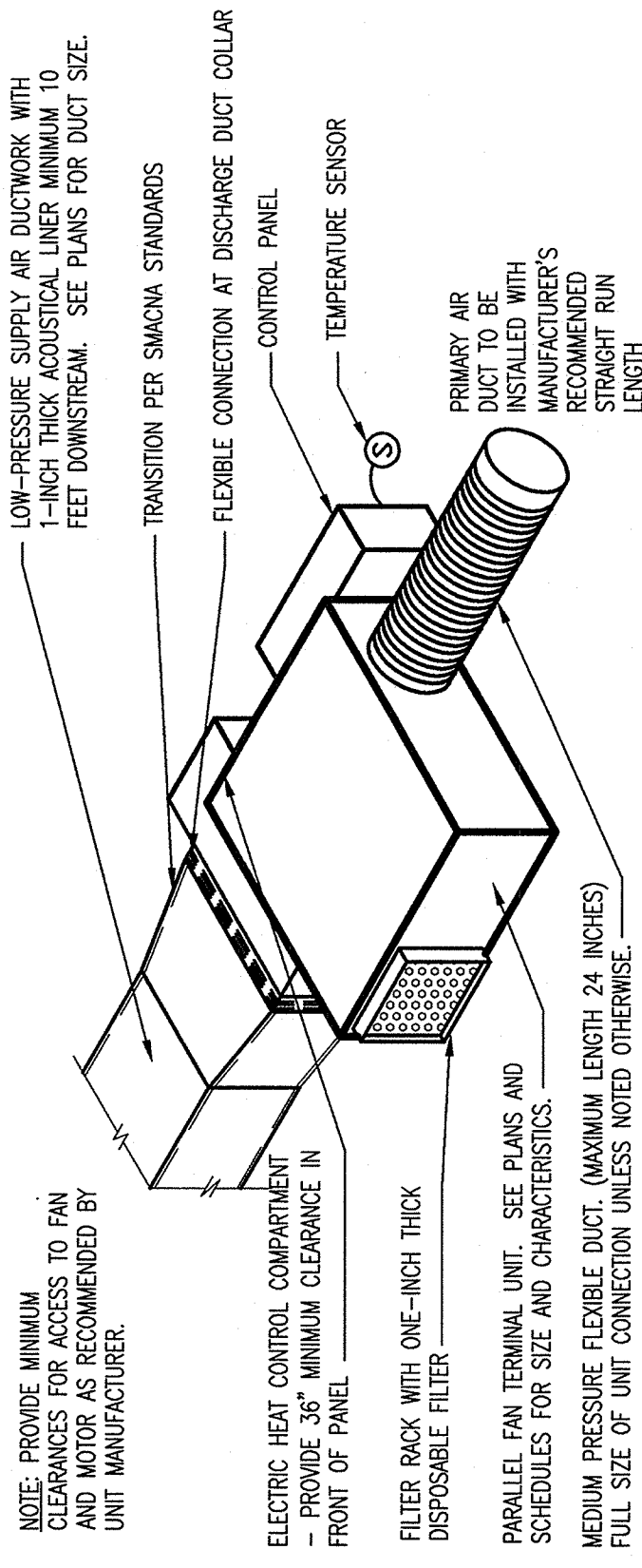


01 FLOOR PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"



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Checked By: _____
Drawn By: _____

- KEYNOTES**
- EXISTING BASE BUILDING OXYGEN LINES TO REMAIN.
 - UNDERCUT RESTROOM DOOR 1".
 - 24"x12" AIR TRANSFER DUCT ABOVE CEILING WITH 1.5 HOUR FIRE DAMPER.
 - EXISTING LOW PRESSURE DUCT TO REMAIN.



PARALLEL FAN POWERED INDUCTION UNIT DETAIL
SCHEMATIC - NO SCALE

GRILLES, REGISTERS & DIFFUSERS

TAG	SERIES	CFM	BLOW	DUTY	NECK	SIZE	DAMPER	NOTES
A	PDF	SEE PLANS	4-WAY	SUPPLY	24x24	YES	YES	SQUARE PERFORATED SUPPLY
B	530L	SEE PLANS	---	RETURN/EXHAUST	SEE PLANS	NO	NO	LOUVERED FACE RETURN

NOTES:
A. REFER TO ARCHITECTURAL DRAWINGS FOR TYPE OF CEILING AND/OR SUSPENSION SYSTEM FOR FRAME TYPE REQUIREMENTS.
B. FINISH SHALL BE OF THE TYPE AND COLOR SELECTED BY ARCHITECT. SUBMIT FINISH CHART WITH SHOP DRAWINGS.
C. MAKE AND MODEL NUMBERS ARE BASED UPON EXISTING BUILDING GRD TYPES.
SELECTIONS ARE BASED ON PRODUCTS BY PRICE.

POWERED INDUCTION UNITS

TAG	MODEL No.	INLET SIZE	COOLING CFM	MIN. CFM	HEATING CFM	FAN HP	S.P.	HEATER KW	STEPS	ACCESSORIES
FPB-4	FDV-2008	8"	580	145	435	1/8	0.3"	4.0	2	1,2,3,4,5,6,7,8

NOTES:
A. ALL PIU BOXES ARE PARALLEL FAN TYPE WITH ELECTRIC HEAT.
B. ALL TERMINAL BOXES SHALL BE WIRED TO SHUT DOWN UPON SIGNAL FROM THE FIRE CONTROL PANEL.

ACCESSORIES:
1. TEMPERATURE SENSOR WITH CANCEL OVERRIDE BUTTON.
2. A.R.I. CERTIFICATION.
3. SINGLE SPEED MOTOR WITH SCR.
4. DDC CONTROLS.
SELECTIONS ARE BASED ON PRODUCTS BY PRICE.

FANS

TAG	MODEL	DUTY	CFM	SONES	E.S.P.	MOTOR SIZE	RPM	DRIVE	WEIGHT (lb)	ACCESSORIES
EF-1	SO-65-D	TOILET EXHAUST	150	1.3	0.25"	1/30	1534	DIRECT	26	1,2,3,4

ACCESSORIES:
1. GRAVITY BACKDRAFT DAMPER
2. WIRED TO RUN CONTINUOUSLY (COORDINATE WITH ELECTRICAL).
3. PLUG TYPE DISCONNECT SWITCH.
4. UNIT MOUNTED SPEED CONTROLLER SWITCH.
SELECTIONS ARE BASED ON PRODUCTS BY GREENHECK.

VARIABLE AIR VOLUME UNITS

TAG	MODEL No.	INLET SIZE	MAX. CFM	MIN. CFM	S.P.	ACCESSORIES
VAV-3	SDV 10	10"	820	205	0.3"	1,2,3

NOTES:
A. ALL VAV BOXES ARE COOLING ONLY.
B. ALL VAV BOXES LISTED ARE NEW UNLESS NOTED OTHERWISE.
C. ALL TERMINAL BOXES SHALL BE WIRED TO SHUT DOWN UPON SIGNAL FROM THE FIRE CONTROL PANEL.
SELECTIONS ARE BASED ON PRODUCTS BY PRICE.