

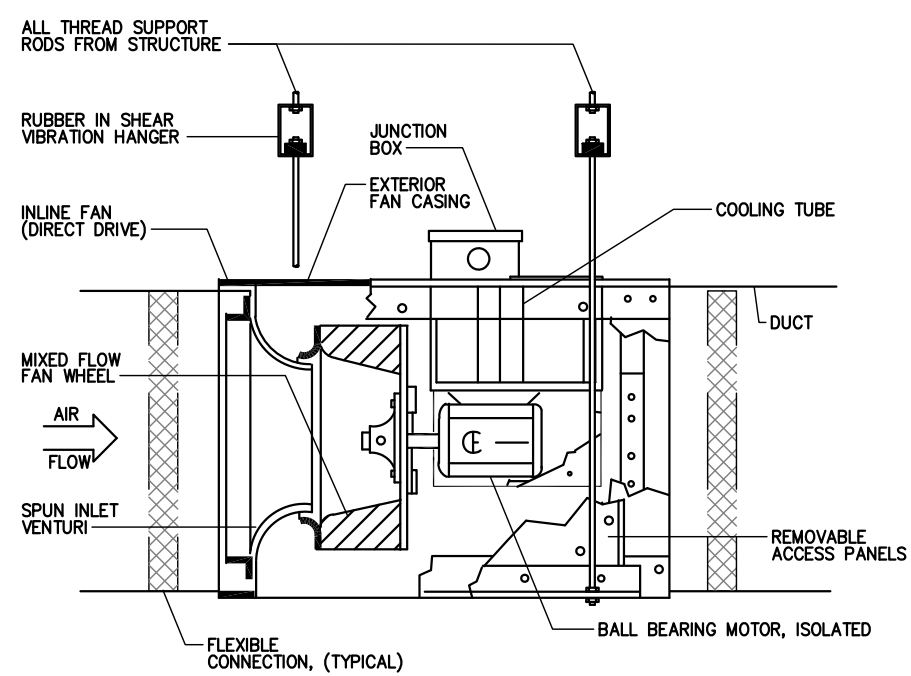
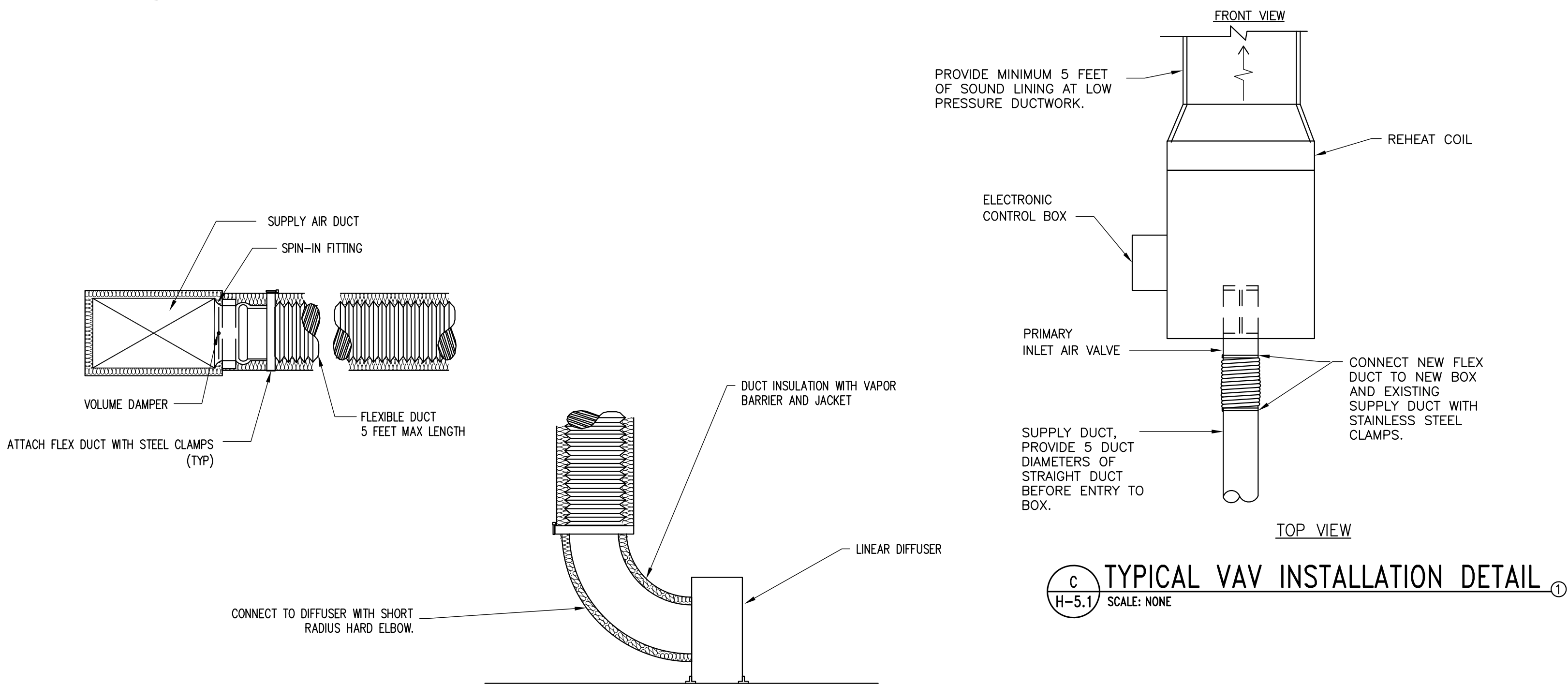
LINEAR DIFFUSER SCHEDULE													
MARK	DESCRIPTION	INSTALLATION	INLET SIZE	SLOTS		THROW (FT)	CFM	LENGTH	TOTAL SP (IN.H2O)	MAX NC	PLENUM	FINISH	BASIS OF DESIGN
				QUANTITY	PATTERN								
LD-1	PLENUM SLOT DIFFUSER	T BAR MOUNTED	6" ROUND	1	1 WAY	12	160	4'	0.165	25	INTEGRAL INSULATED	BLACK POWDER COAT FACE	PRICE TBD
			8" ROUND	2	2 WAY	15	245	4'	0.108	20			
			10" ROUND	2	2 WAY	19	350	4'	0.16	28			

LINEAR RETURN SCHEDULE													
MARK	DESCRIPTION	INSTALLATION	INLET SIZE	SLOTS		THROW (FT)	CFM	LENGTH	TOTAL SP (IN.H2O)	MAX NC	PLENUM	FINISH	BASIS OF DESIGN
				QUANTITY	PATTERN								
LR-1	PLENUM SLOT RETURN	T BAR MOUNTED	N/A	4	N/A	N/A	480	4'	0.04	17	N/A	BLACK POWDER COAT FACE	SDR

VAV BOX SCHEDULE															
MARK	AIR SIDE				HEATING WTER COIL						SOUND PRESSURE LEVELS (DB) AT 1.5" INLET				
	MINIMUM CFM	MAXIMUM CFM	INLET SIZE (IN)	MINIMUM INLET SP (IN)	CFM	EAT (DEGF)	LAT (DEGF)	GPM	EWT (DEGF)	WPD (FT)	OCTAVE BAND AT MAXIMUM CFM				
											2	3	4	5	7
VAV-10	500	950	10	0.25	500	55	90	1.3	180	>5	75	69	60	58	53
											PRICE SDVLP				

EXHAUST FAN SCHEDULE											
MARK	SERVICE	CFM	SP (IN-WG)	DRIVE	TYPE	MOTOR				BASIS OF DESIGN	REMARKS
						RPM	HP	VOLTS/PHASE	SCR		
KEF-7	DISHWASHING HOOD	2,400	2.8	DIRECT	TUBULAR IN LINE	1,750	3	460/3	YES	GREENHECK QEID	

A EQUIPMENT SCHEDULES
H-5.1 NOT TO SCALE

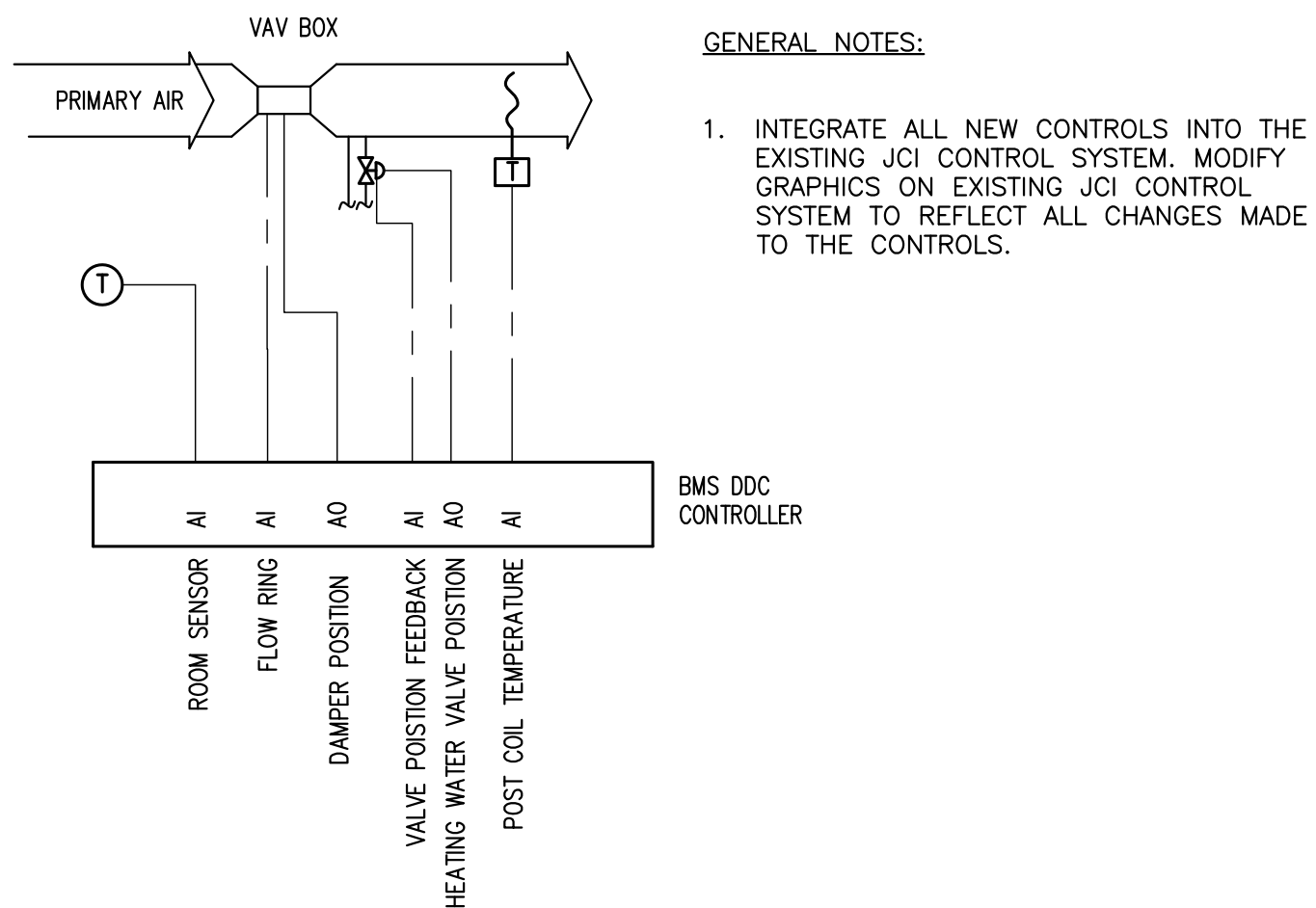


F EXHAUST FAN DETAIL
H-5.1 SCALE: NONE

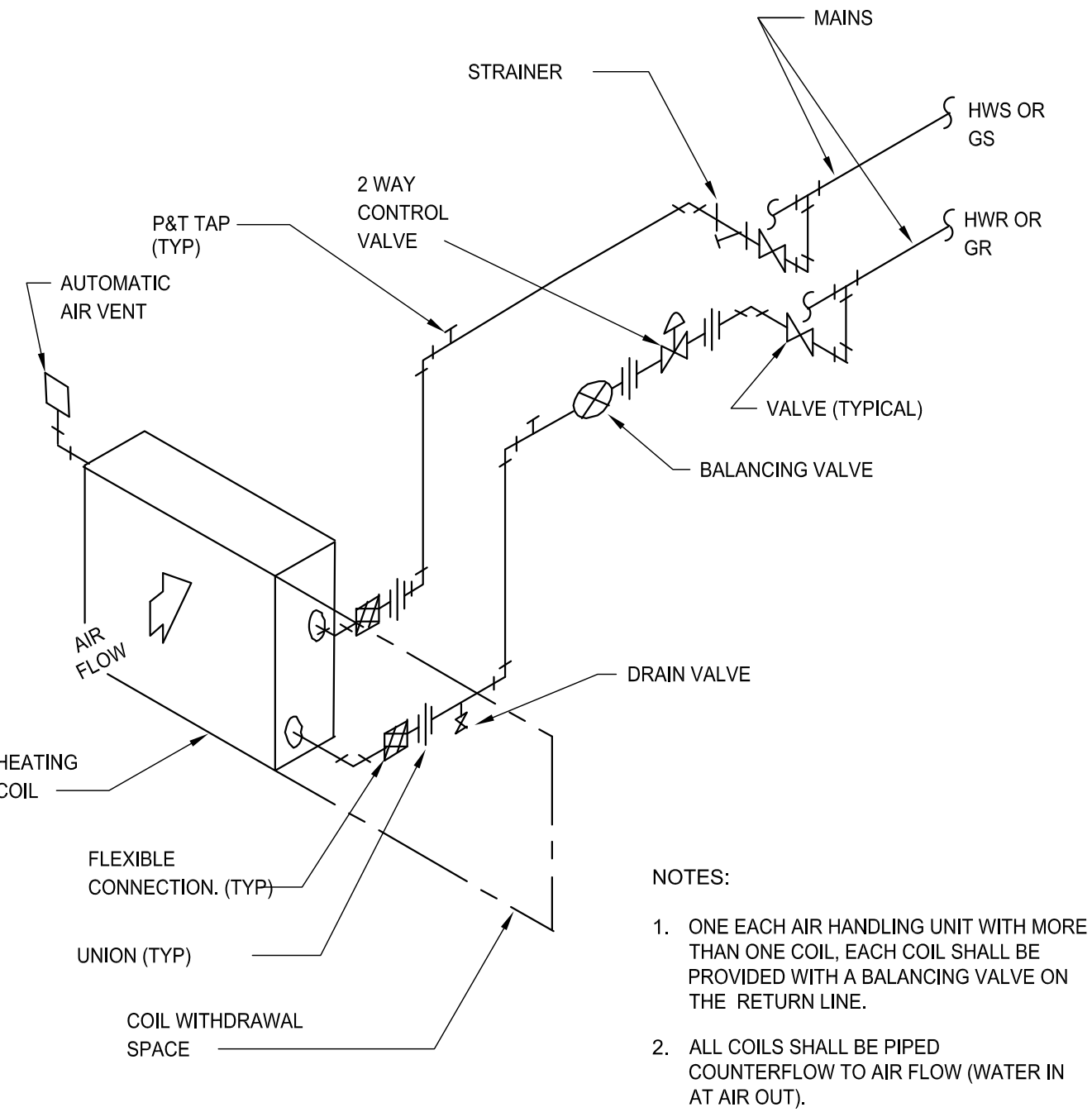
BASE BID MARKERS

- ① BASE BID 1
② BASE BID 2

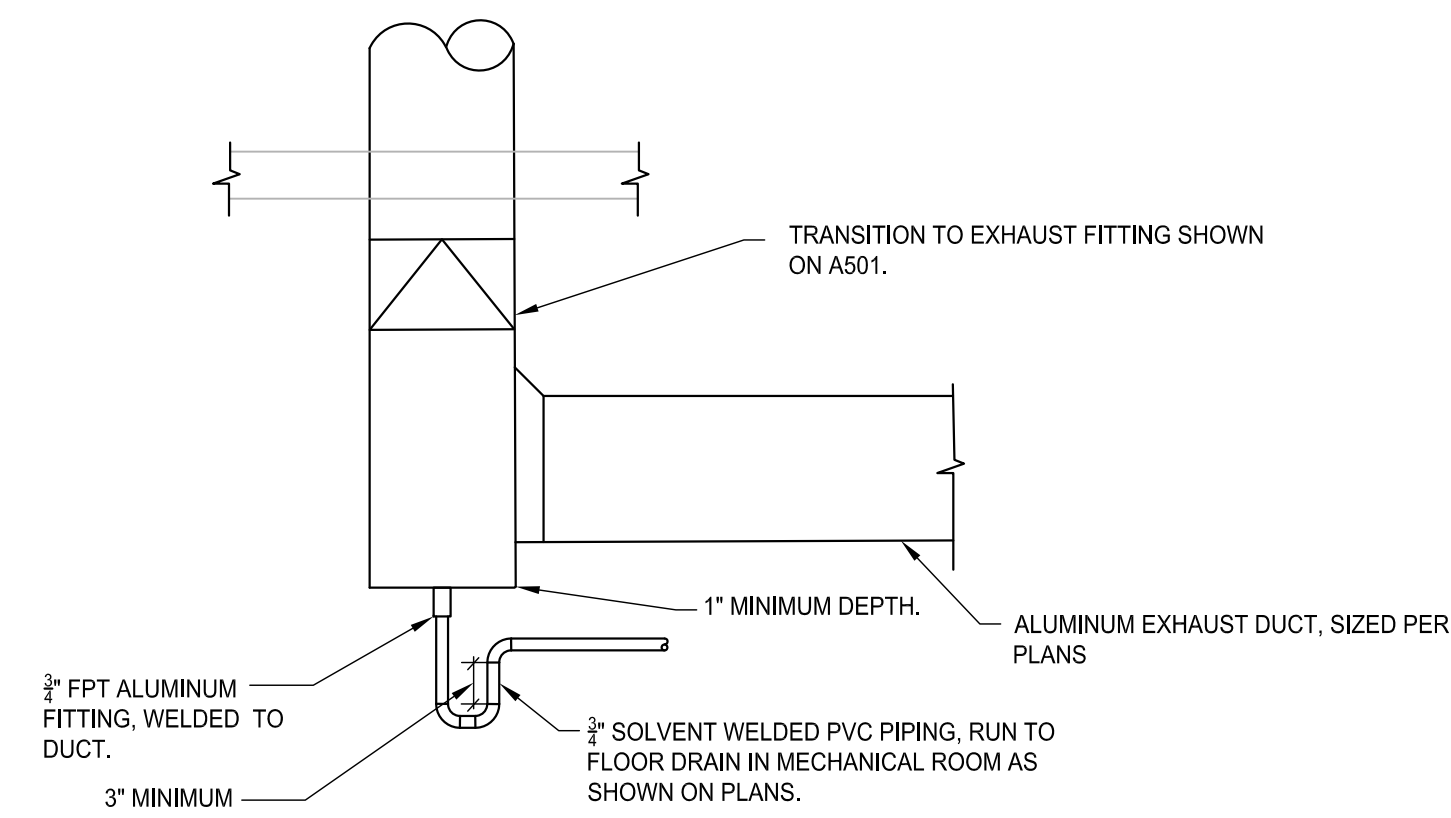
B LOW PRESSURE DUCT CONNECTION DETAIL
H-5.1 NOT TO SCALE



D TERMINAL UNIT CONTROL DIAGRAM
H-5.2 NOT TO SCALE



E VAV REHEAT PIPING DETAIL
H-5.1 SCALE: NONE



G DISHWASHER EXHAUST DRAIN DETAIL
H-5.1 SCALE: NONE

SCALE & DIMENSIONS

BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING
0 1
IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT NOT PERMITTED WITHOUT BUREAU OF ENGINEERING AND ARCHITECTURE APPROVAL.

BASE BIDS

SEE KEYED NOTES FOR BASE BID INFORMATION.

VITETTA PROJECT 4645.0000 © 2023 VITETTA
ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND THE ARCHITECT NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE CONSTRUCTION. DO NOT SCALE DRAWINGS.

19		20	
17		18	
15		16	
13		14	
11		12	
09		10	
07		08	
05		06	
03		04	
01		02	
No.		No.	

AS-BUILT REVISIONS

4-4-2024
MICHAEL A. WEIGAND
PROFESSIONAL ENGINEER
PENN. REG. NO. 0000000000
01.04.2024
VITETTA Professional's Signature
Consultant Professional's Signature Date

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GERMANTOWN, MARYLAND • 20876

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG, PENNSYLVANIA

DGS PROJECT NUMBER
C-0948-0101 PHASE 001

CAPITOL EAST WING
REPLACEMENT OF ESCALATORS WITH ELEVATOR,
HVAC DIFFUSERS, AND CAFETERIA UPGRADES
500 COMMONWEALTH AVENUE
HARRISBURG, DAUPHIN COUNTY, PENNSYLVANIA 17101

**MECHANICAL SCHEDULES
AND CONTROLS**

DRAWN BY PAHNO	DATE 1.04.2024	DRAWING NUMBER H-5.1
CHECKED BY WEIGAND	SCALE N/A	

DRAWING SET IS INTENDED FOR COLOR PRINTING