



November 15, 2020

GS# 217-019 Culinary Arts Program Relocation

Mississippi Delta Community College – Greenville Higher Education Center

Greenville, Mississippi

Addendum No. 2

This Addendum forms part of the Contract Documents for the above referenced project. All other requirements of the original Contract Documents shall remain in effect except as specifically modified in this Addendum. Bidder is to acknowledge receipt of this Addendum with their bid proposal. Failure to do so may subject the Bidder to disqualification. This Addendum is issued to all known Plan Holders.

1. Clarifications:

- a. Measurements taken from existing drawings not produced in this office indicate that the existing structural deck height above the kitchen areas is 14'-0" AFF. The Contractor is responsible for verifying all existing conditions.
- b. Temporary fencing: The Contractor shall anticipate approximately 175 linear feet of fencing with access gates. Location to be defined with the Using Agency and Owner at the Pre-Construction Conference.
- c. AWI/QCP requirements are waived for millwork for this project.

2. Specifications:

- a. Section 01 8000 Special Requirements, Paragraph 2.01, Schedule of Allowances – REVISE paragraph A as follows: INCLUDE IN THE BID, FOR INCLUSION IN THE CONTRACT SUM, THE AMOUNT OF \$22,000 FOR PURCHASE OF HVAC INSTRUMENTATION AND CONTROLS. (REFER TO SECTION 230923)
- b. ADD Section 10 73 16 Aluminum Canopies, see attached.
- c. Section 230923, Direct Digital Control System for HVAC, add the following to the beginning portion of this specification.
THIS CONTRACTOR SHALL INCLUDE IN THEIR QUOTE AN ALLOWANCE OF \$22,000.00 FOR SECTION 230923

A REQUEST FOR PROPOSAL WILL BE ISSUED BY THE PROFESSIONAL FOR THE PROJECT HVAC INSTRUMENTION AND CONTROL AS SPECIFIED IN DIVISION 15 AND SHOWN ON DRAWINGS. THE SEALED PROPOSAL WILL BE SUBMITTED TO THE PROFESSIONAL WHO WILL REVIEW THEM, THEN MAKE A RECOMMENDATION TO THE OWNER

AN ALLOWANCE OF INCLUSION IN THE CONTRACT SUM HAS BEEN SPECIFIED IN DIVISION ONE, SECTION 01 8000, "PART 2 – ALLOWANCE SUPPLEMENT" FOR PURCHASE OF THE BUILDING AUTOMATION SYSTEMS AND CONTROLS.

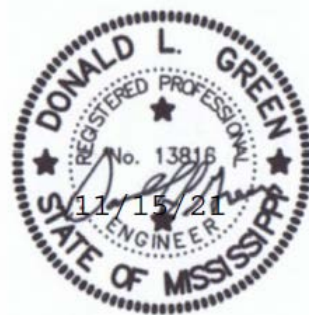
3. Drawings:



OFFICE OF ARCHITECTURE

- a. Sheet M101, add the following: General Notes:
 - i. All new medium pressure supply duct is to be double wall spiral with paint grip finish.
 - ii. All new low pressure round and oval supply duct in areas with no ceiling is to be double wall spiral with paint grip finish.
- b. Sheet M101 and M301: Modify the kitchen hoods and related fans in Kitchen A13 as shown on attached revised Drawings M101R1 and M301R1.

Contents: This addendum consists of **5 (8 ½" x 11") sheets and 2 (24" x 36") sheets.**



End of Addendum No. 2 for: GS# 217-019 Culinary Arts Program Relocation

SECTION 10 73 16

ALUMINUM CANOPIES

GENERAL NOTE: Contractor to use new metal supports as structure for new canopy decking.

PART 1 – GENERAL

1.01 GENERAL

A. Extent of the canopies required is shown on the drawings. Included herein, but not limited to, are:

1. Decking
2. Fascia/Gutter
3. Anchors
4. Flashing

1.02 MEASUREMENTS

A. Verify all dimensions shown on drawings by taking field measurements to insure proper fit and attachment of all component parts.

1.03 SUBMITTALS

A. Provide manufacturer's shop drawings, including fabrication and installation details.

1.04 COORDINATION

A. Provide necessary anchors, flashing and other items required to be built in ample time to avoid delays to the job.

1.05 DELIVERY AND STORAGE

A. Deliver and store all items in protected areas. Keep free of any damage. Replace any damaged items or parts at no cost to the Owner.

1.06 DESIGN PARAMETERS

- A. Live load of the canopies shall be no less than 25 p.s.f. Canopies shall comply in all respects with the following design requirements
- a. Design walkways in accordance with The Aluminum Design Manual 2000.
 - b. Comply with the wind requirements of ASCE 7.
 - c. Provide expansion joints to accommodate temperature changes of 120 degrees F. Provide expansion joints with no metal to metal contact.
 - d. Grout is to have a compressive strength of 2000 psi, minimum.
 - e. Aluminum members: Extruded Aluminum, ASTM B 221, 6063 alloy, T6 Temper.
 - f. Fasteners: Aluminum, 18-8 stainless steel, or 300 series stainless steel.
 - g. Protective Coating for Aluminum Columns embedded in concrete: Clear Acrylic
 - h. Grout: 1. Portland Cement: ASTM C 150, Type I. 2. Sand: ASTM C404. 3. Water Potable.
 - i. Aluminum flashing: ASTM B209, Type 3003 H14, 0.040 inch, min.

PART 2 – MATERIALS AND PRODUCTS

2.01 MANUFACTURERS

- A. The design is based on Super Lumideck Post and Post/Wall Supported Canopy
 - a. Mapes Canopies Lincoln, Nebraska
 - b. Peach Protective Covers, Hiram, Georgia
 - c. Ballews Aluminum Products, Inc. Greer, South Carolina

2.02 PRODUCT AND MATERIALS

- A. Materials: Decking, beams, posts and fascia shall be extruded aluminum, alloy 6063-T6, in profile and thickness shown in current Mapes brochures.
- B. Finishes
 - a. Standard factory options are clear anodized or bronze anodized, or white baked enamel or bronze baked enamel.
 - i. Baked Enamel Finish: AA-C12C42R1x Apply baked enamel complying with paint manufacturer's specifications for cleaning, conversion coating, and painting.
 - b. **Finish Color from Manuf full range.**
- C. Fabrication:
 - a. Support Columns and gutter beams shall be designed such that the columns will be notched to create a "Saddle" that will receive and secure gutter beams.
 - b. Post and beams shall be mechanically fastened utilizing fasteners with a minimum shear stress of 350 lb.
 - c. Decking shall be designed with interlocking extruded aluminum members with mechanically fasteners field applied to provide structural integrity for the completed assembly.
 - d. Concealed Drainage is required. Water shall drain from the covered surfaces into an integral gutter beam and be directed to ground level discharge via one or more designated support post to be identified at the shop drawing phase. Drains shall be located away from the building.
 - e. Custom flashing

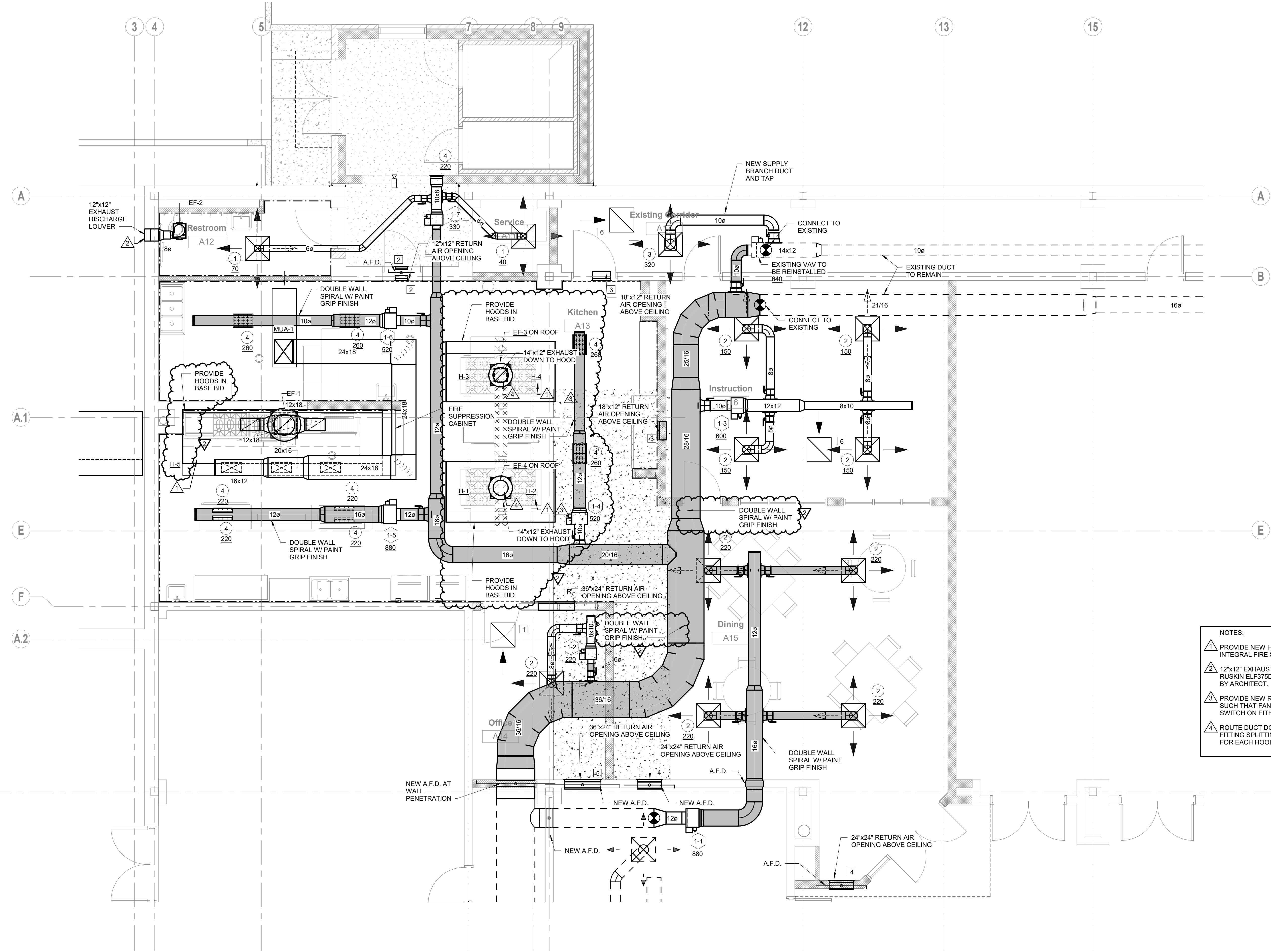
PART 3 – INSTALLATION AND ERECTION

3.01 ERECTION

- A. Canopies shall be installed according to approved plans and shop drawings and the entire structure shall be erected straight, true, and plumb in accordance with standard construction procedures. All joints and connections shall be tight and clean and all surfaces of work left in a clean condition.
 - a. Shop Assembly: Assemble components in shop to greatest extent possible to minimize field assembly.
 - b. Welding: In accordance with ASI/AWS D1.2
 - c. Bent Construction: Factory assemble beams to columns to form one piece rigid bents. Where used to make welds smooth and uniform using an inert gas shielded arc. Perform suitable edge preparation to assure 100% penetration. Grind welds only where interfering with adjoining structure to allow for flush

- connection. Field welding is not permitted. Rigid mechanical joints can be used if supported by engineering calculations and/or testing.
- d. Deck Construction: Fabricate from extruded modules that interlock in a self-flashing manner. Positively fasten interlocking joints creating a monolithic structural unit capable of developing the full strength of the sections. The fastenings must have minimum shear strength of 350 lbs each. Assemble deck with sufficient camber to offset dead load deflection.
 - e. Columns: Provide radius-cornered tubular extrusions with cutout and internal diverter for drainage where indicated. Circular downspout opening in column is not acceptable.
 - f. Beams: Provide open-top tubular extrusion, top edges thickened for strength and designed to receive deck members in self-flashing manner.
 - g. Deck: Extruded self-flashing sections interlocking into a composite unit. Provide welded plate closures at deck ends.
 - h. Fascia: Manufacturer's standard shape. Provide fascia splices where continuous runs of fascia are jointed. Locate splices to be inline with bents and fasten in place on hidden or non-vertical surfaces.

END OF SECTION



- NOTES:**
- 1. PROVIDE NEW HOOD AS SCHEDULED WITH INTEGRAL FIRE SUPPRESSION SYSTEM.
 - 2. 12"x12" EXHAUST DISCHARGE LOUVER EQUAL TO RUSKIN ELF375DX WITH KYNAR FINISH. COLOR BY ARCHITECT.
 - 3. PROVIDE NEW RELAY FOR HOOD OPERATION SUCH THAT FAN OPERATION OCCURS WITH SWITCH ON EITHER HOOD.
 - 4. ROUTE DUCT DOWN FROM FAN TO PANTS FITTING SPLITTING TO EACH CONNECTION SIZE FOR EACH HOOD.

1 First Floor Plan - H.V.A.C.
1/4" = 1'-0"

GS# 217-019 Culinary Arts Program Relocation
Mississippi Delta Community College -
Greenville Higher Education Center



SHAHER ZAHNER ZAHNER

OFFICE OF ARCHITECTURE
 510 UNIVERSITY DRIVE
 STARKVILLE, MISSISSIPPI 38759
 szzarch.com T(662) 323-1628

SHEET **M101R1**

First Floor Plan -
H.V.A.C.

DATE: 11.10.2021
 SZZARCH#: 2027
 DRAWN BY: TEG
 CHECKED BY: DLG

REVISIONS:
 ADDENDUM #2 11-15-21

VARIABLE AIR VOLUME REHEAT BOXES

MARK	MAX. CLG. CFM	MIN. CLG. CFM	EXT. S.P. IN. W.G.	MAX. BOX DISCHARGE A.P.D.	MAX. RADIATED N.C.	HEAT CFM	HEATING COIL				ROWS	MFR. AND MODEL	
							E.A.T. °F	L.A.T. °F	M.B.H.	G.P.M.			
(1-1)	880	165	0.5	0.33	<15	750	55°	100°	26.04	1.55	0.41	2	TRANE VCWF - 10
(1-2)	220	40	0.5	0.07	19	190	55°	100°	6.60	1.01	1.68	1	TRANE VCWF - 05
(1-3)	600	105	0.5	0.38	17	510	55°	100°	17.71	1.53	0.19	2	TRANE VCWF - 08
(1-4)	520	105	0.5	0.3	16	445	55°	100°	15.45	1.22	0.13	2	TRANE VCWF - 10
(1-5)	880	165	0.5	0.33	<15	750	55°	100°	26.04	1.55	0.41	2	TRANE VCWF - 08
(1-6)	520	105	0.5	0.3	16	445	55°	100°	15.45	1.22	0.13	2	TRANE VCWF - 05
(1-7)	330	40	0.5	0.23	19	285	55°	100°	9.90	0.53	0.19	2	TRANE VCWF - 05

- ACCESSORIES:
 1. FACTORY PROVIDED, PRESSURE INDEPENDENT, CONTROL VALVES
 2. UNIT 1" MATTE INSULATION

FANS

MARK	CFM	S.P.	R.P.M.	ELEC. DATA		SONES	DRIVE	TYPE	ACCESSORIES	INTERLOCK WITH / CONTROLLED BY	MFR. AND MODEL
				SERVICE	MOTOR						
EF-1	3300	0.5	1041	120v, 1ph	3/4 HP	13.9	BELT	A	---	KITCHEN HOOD H-5	COOK MODEL 180-ACRUB
EF-2	150	0.5	944	120v, 1ph	70.0W	3.5	DIRECT	B	1,2,3,4,5,6,7,8	OCCUPANCY SENSOR	COOK MODEL GEMINI GC-186
EF-3	1600	1.25	1405	120v, 1ph	1 HP	13.3	BELT	A	---	KITCHEN HOOD H-1,H-2	CAPTIVEAIRE MODEL DU85HFA
EF-4	1600	1.25	1405	120v, 1ph	1 HP	13.3	BELT	A	---	KITCHEN HOOD H-3,H-4	CAPTIVEAIRE MODEL DU85HFA
MUA-1	2900	0.5	1227	120v, 1ph	3/4HP	11.4	BELT	C	---	NEW KITCHEN HOOD H-5	COOK MODEL 150-KSP-B

- TYPE:
 A) CENTRIFUGAL UPBLAST ROOF EXHAUST
 B) CENTRIFUGAL CEILING EXHAUST
 C) CENTRIFUGAL MAKE UP AIR FAN
- ACCESSORIES:
 1. GRAVITY BACKDRAFT DAMPER
 2. DISCONNECT
 3. ROOF CURB WITH KYNAR FINISH (COLOR BY ARCH)
 4. VIBRATION ISOLATION KIT
 5. FACTORY MOUNTED AND WIRED SPEED CONTROLLER
 6. ROOF CAP WITH KYNAR FINISH (COLOR BY ARCH)
 7. OCCUPANCY SENSOR
 8. BELT TENSIONER
 9. INTAKE EXTENSION
 10. SPARE BELT SET

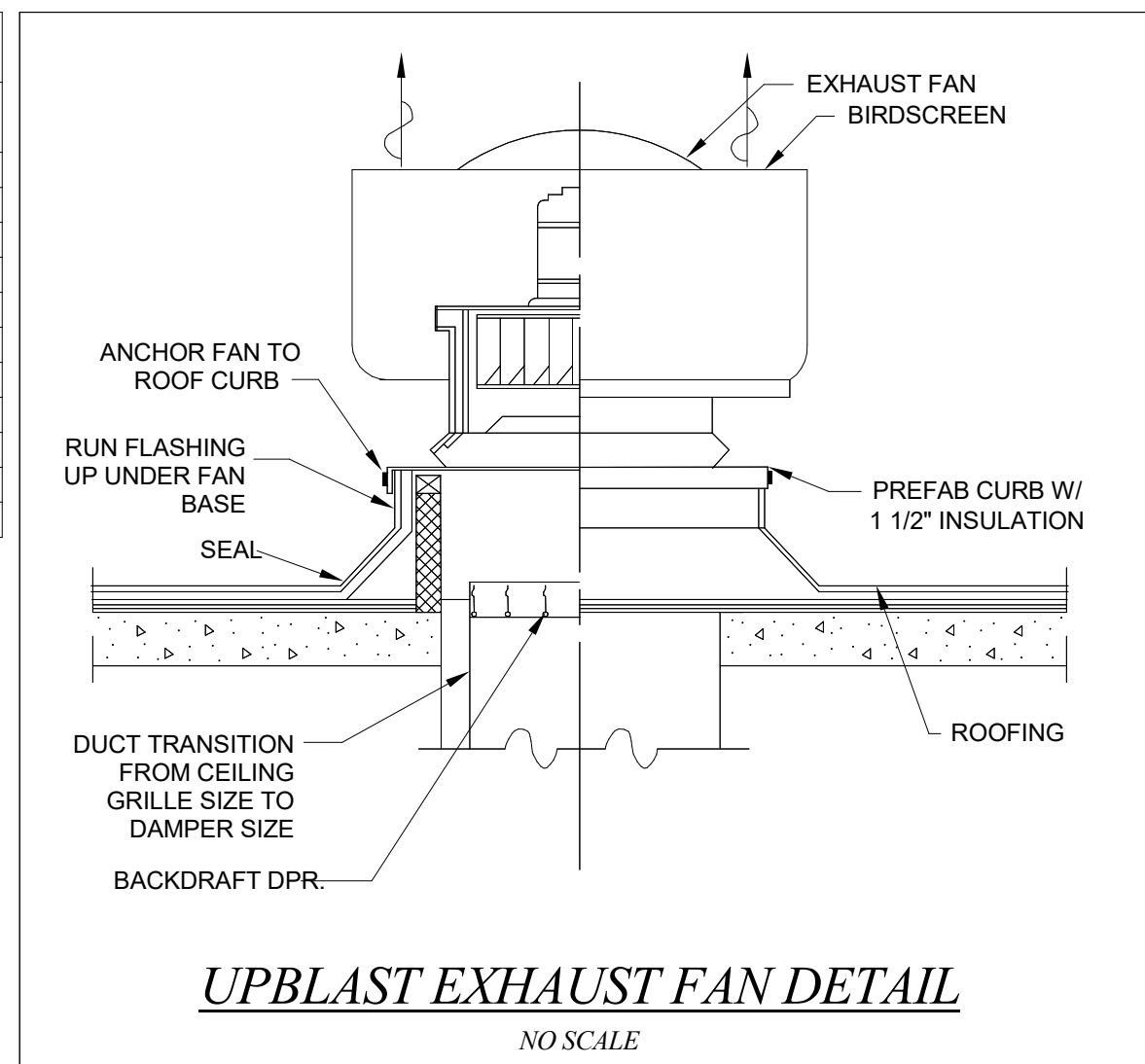
PLUMBING FIXTURES

MARK	DESCRIPTION	TRAP	PIPE SIZE				REMARKS
			WASTE	VENT	C.W.	H.W.	
WC-1	WATER CLOSET	INT.	4"	4"	1"	---	FLOOR MTD / FLUSH VALVE / HANDICAP
L-1	LAVATORY	1-1/4"	2"	2"	1/2"	1/2"	WALL HUNG / STAINLESS STEEL
HWS-1	HAND WASH SINK	1-1/2"	2"	2"	1/2"	1/2"	STAINLESS STEEL SINGLE COMPARTMENT
S-2	SINK	2"	2"	2"	1/2"	1/2"	STAINLESS STEEL SINGLE COMPARTMENT
S-1	SINK	2"	2"	2"	3/4"	3/4"	STAINLESS STEEL DOUBLE COMPARTMENT
SS-1	SERVICE SINK	3"	3"	2"	1/2"	1/2"	FLOOR MTD TERRAZZO
FD-1	FLOOR DRAIN	3"	3"	2"	1/2"	---	WITH TRAP PRIMER
FD-2	FLOOR DRAIN	4"	4"	3"	---	---	WITH RECESSED GRATE & DEEP SEAL TRAP
FD-3	FLOOR DRAIN	4"	4"	3"	---	---	WITH DEEP SEAL TRAP
FS-1	FLOOR SINK	4"	4"	3"	---	---	WITH ACID RESESTANT COATING & NICKEL BRONZE GRATE
HB-1	HOSE BIBB	---	---	---	3/4"	---	NON-FREEZE BOX TYPE
IMB-1	ICE MAKER BOX	---	---	---	1/2"	---	
GT-1	GREASE TRAP	---	4"	3"	---	---	

GRILLES, REGISTERS AND DIFFUSERS

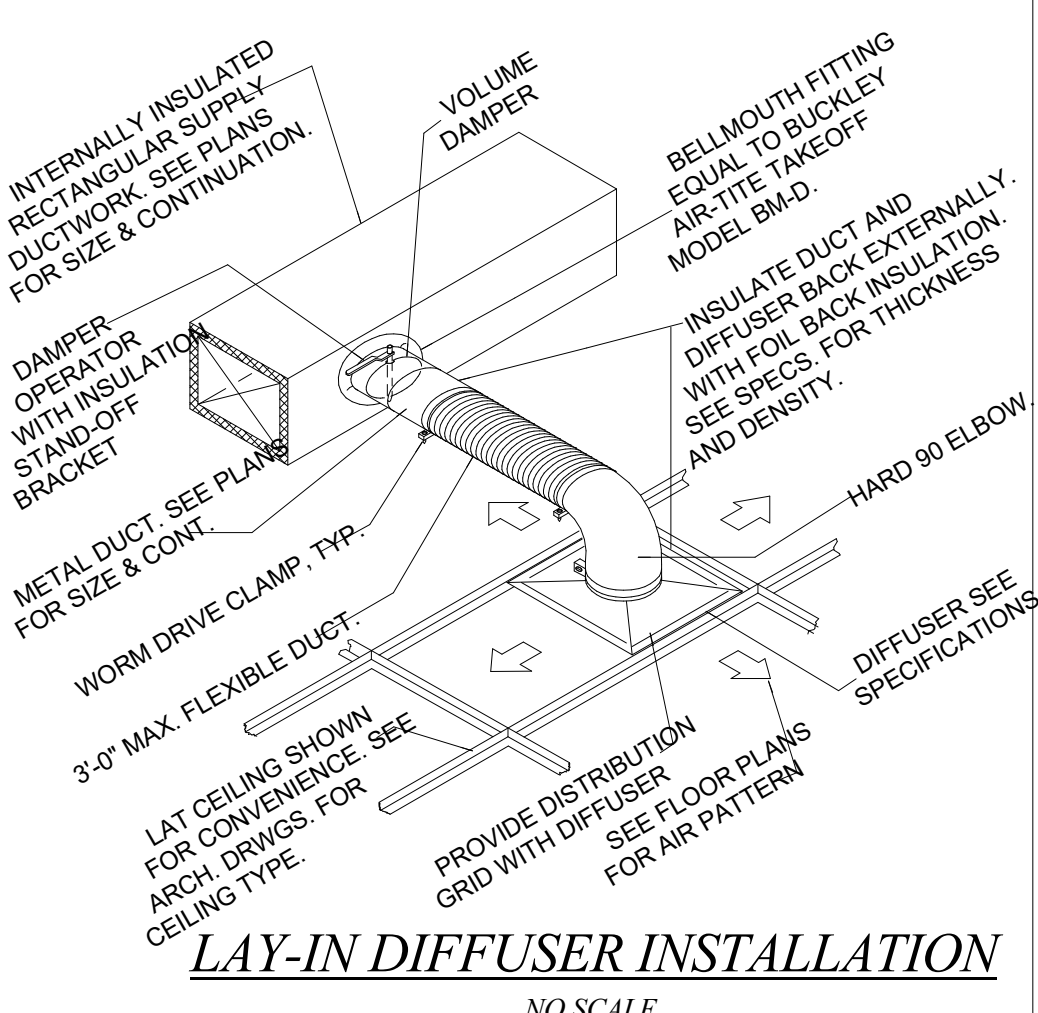
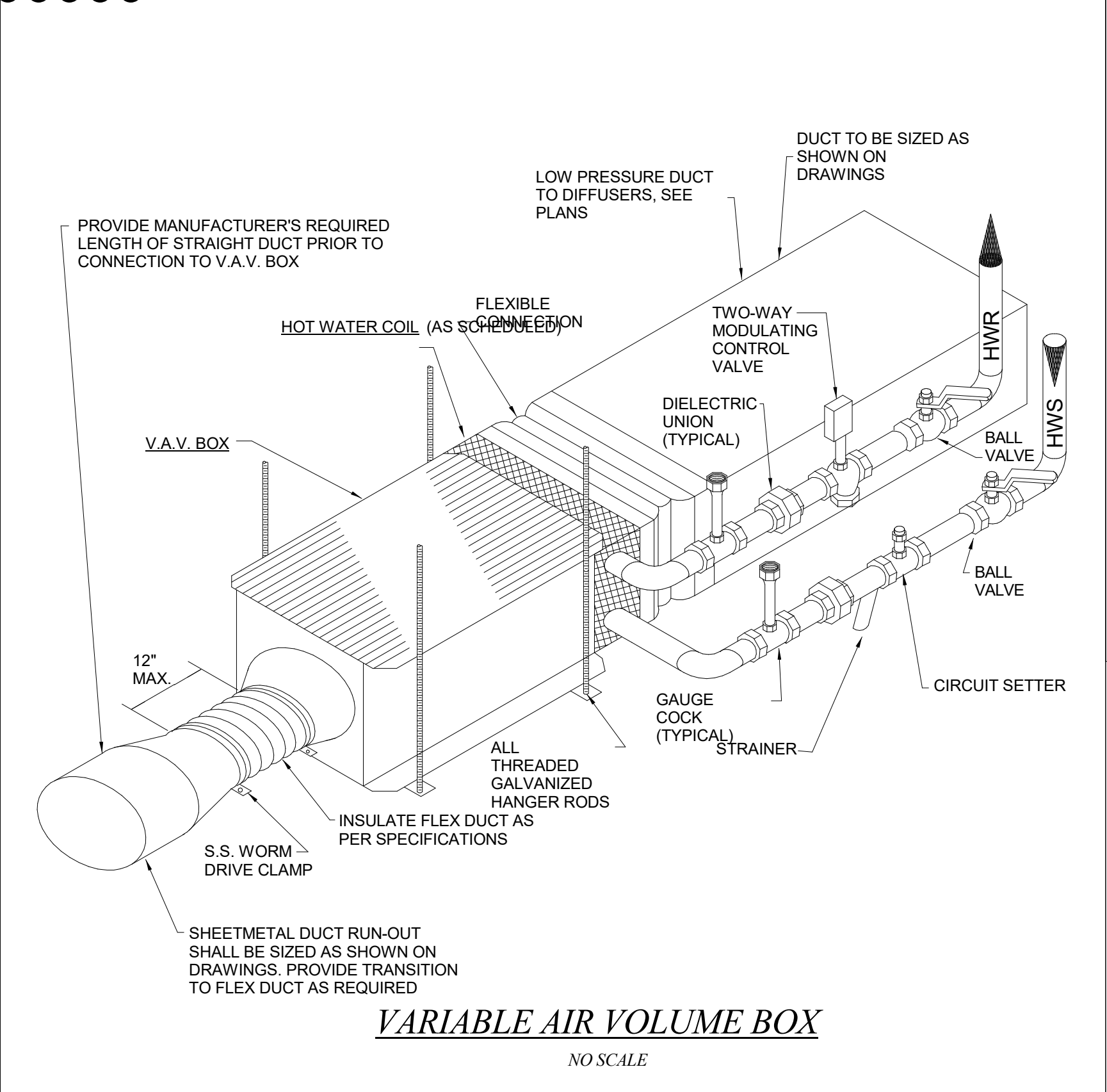
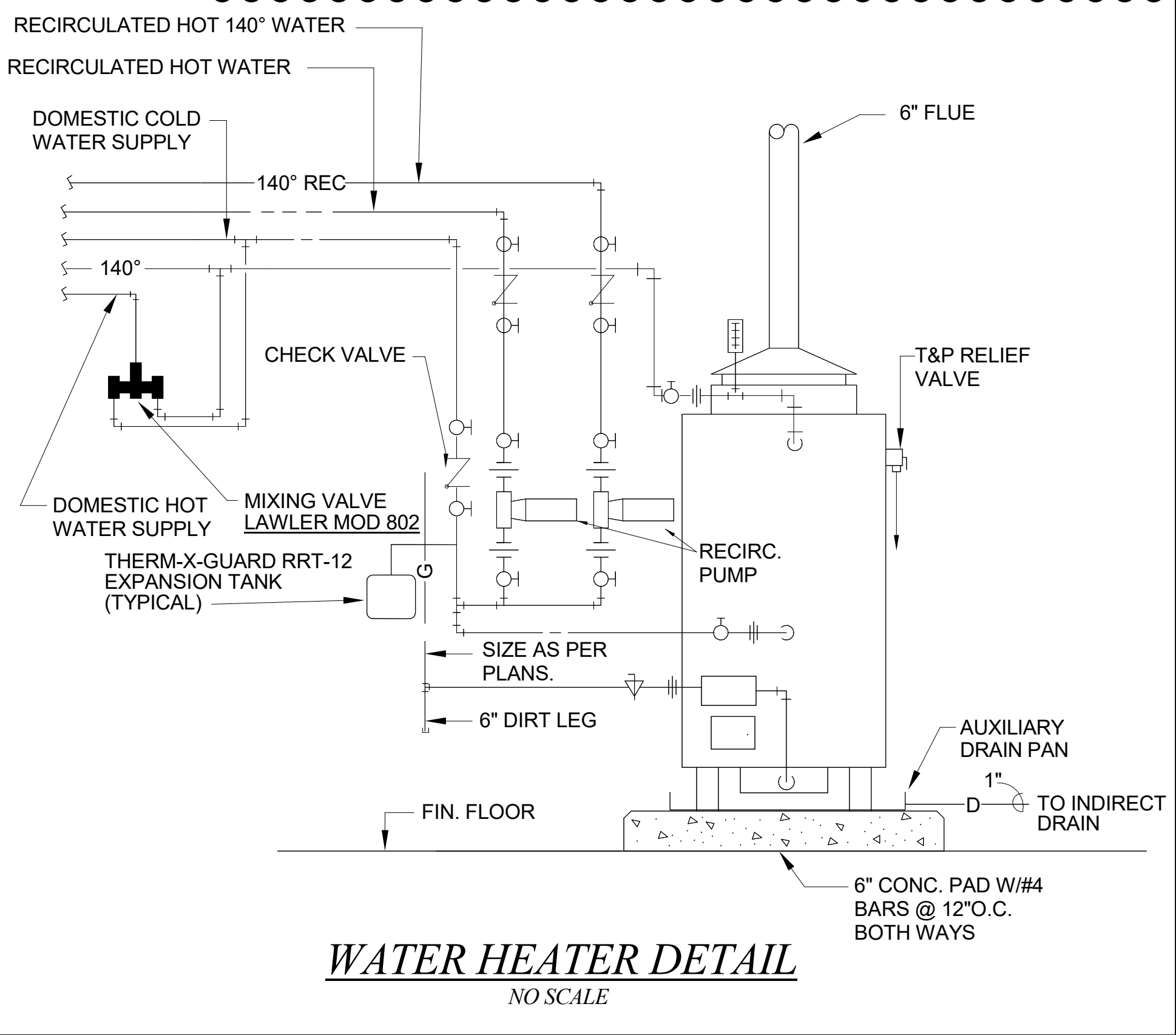
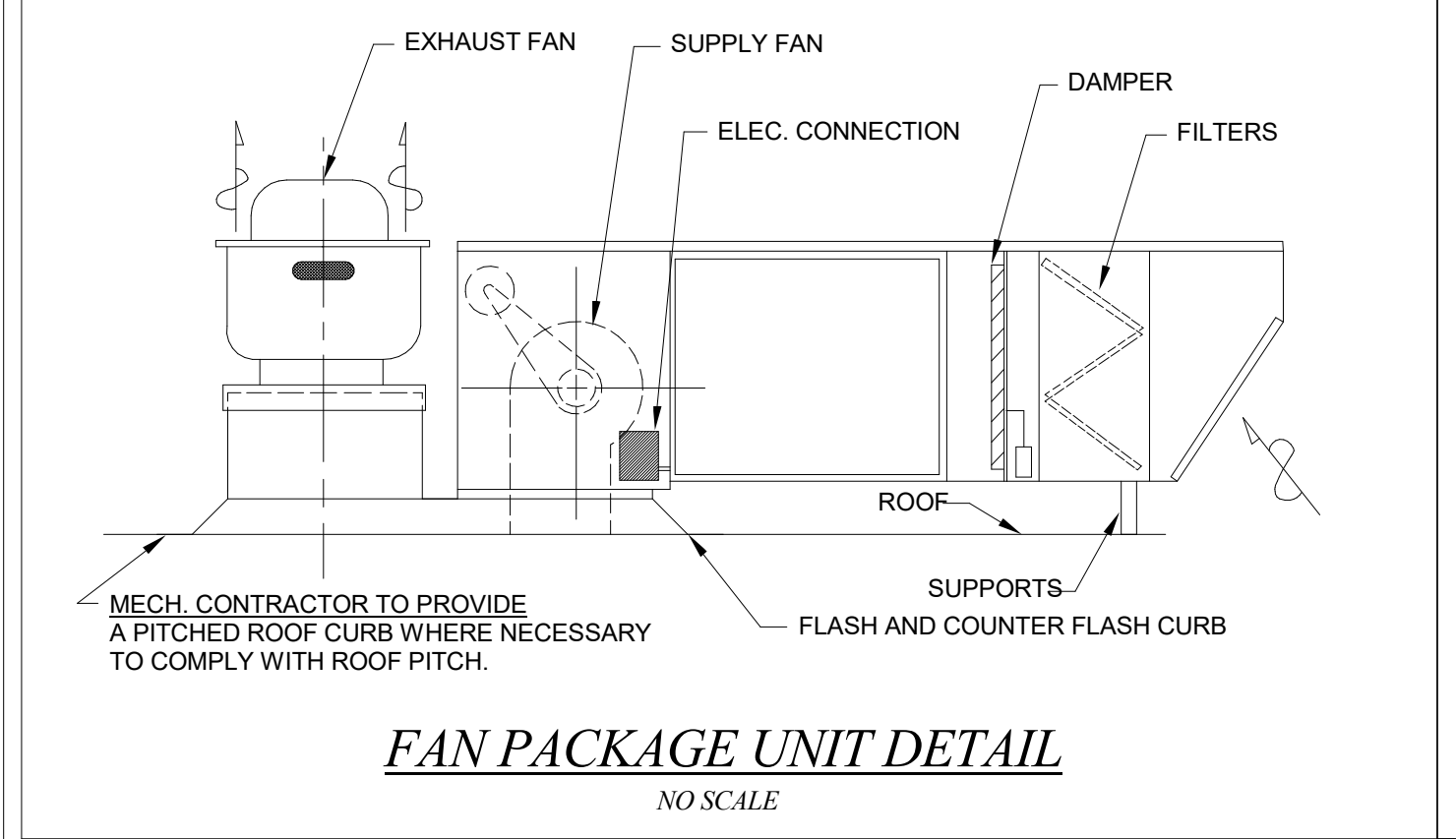
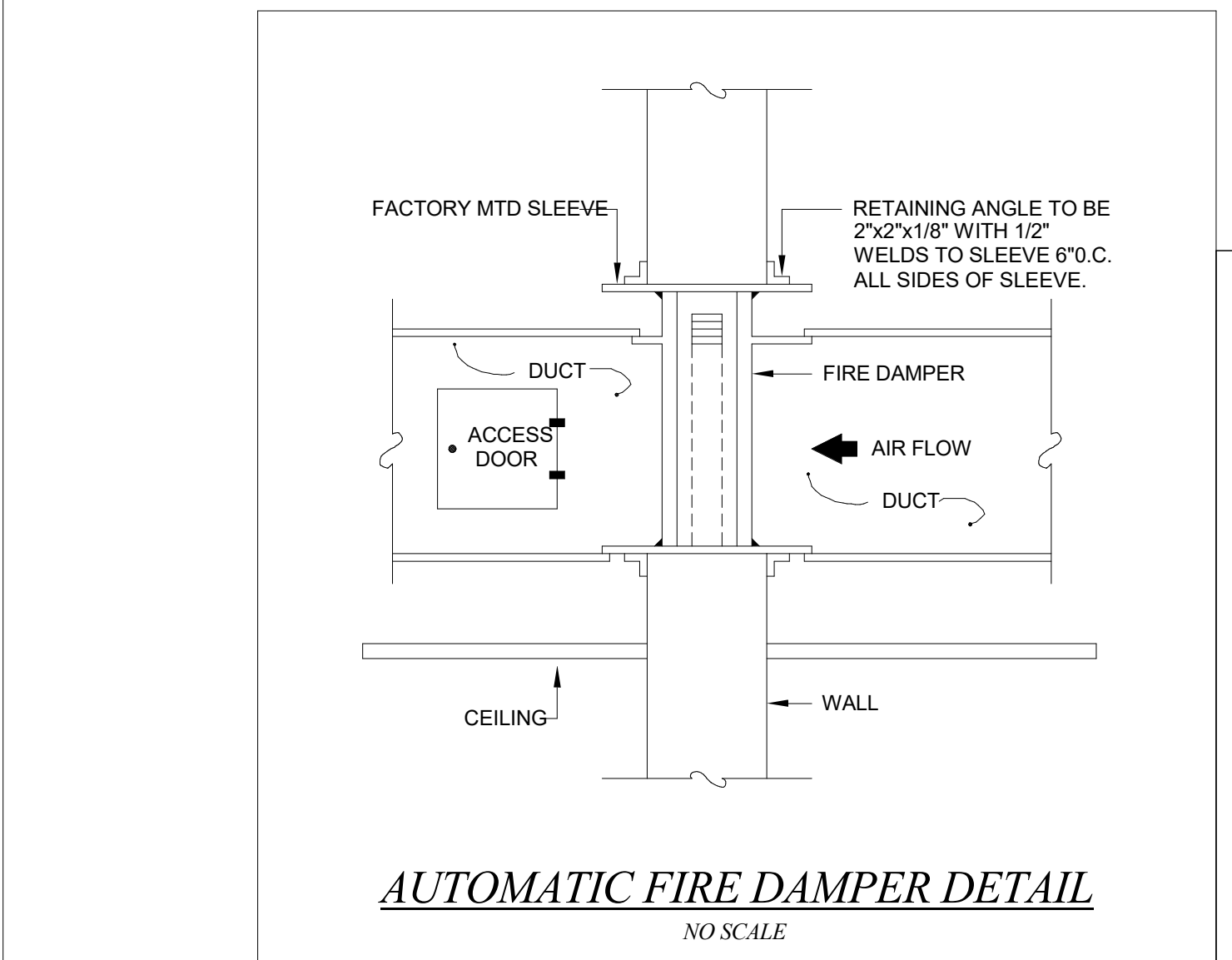
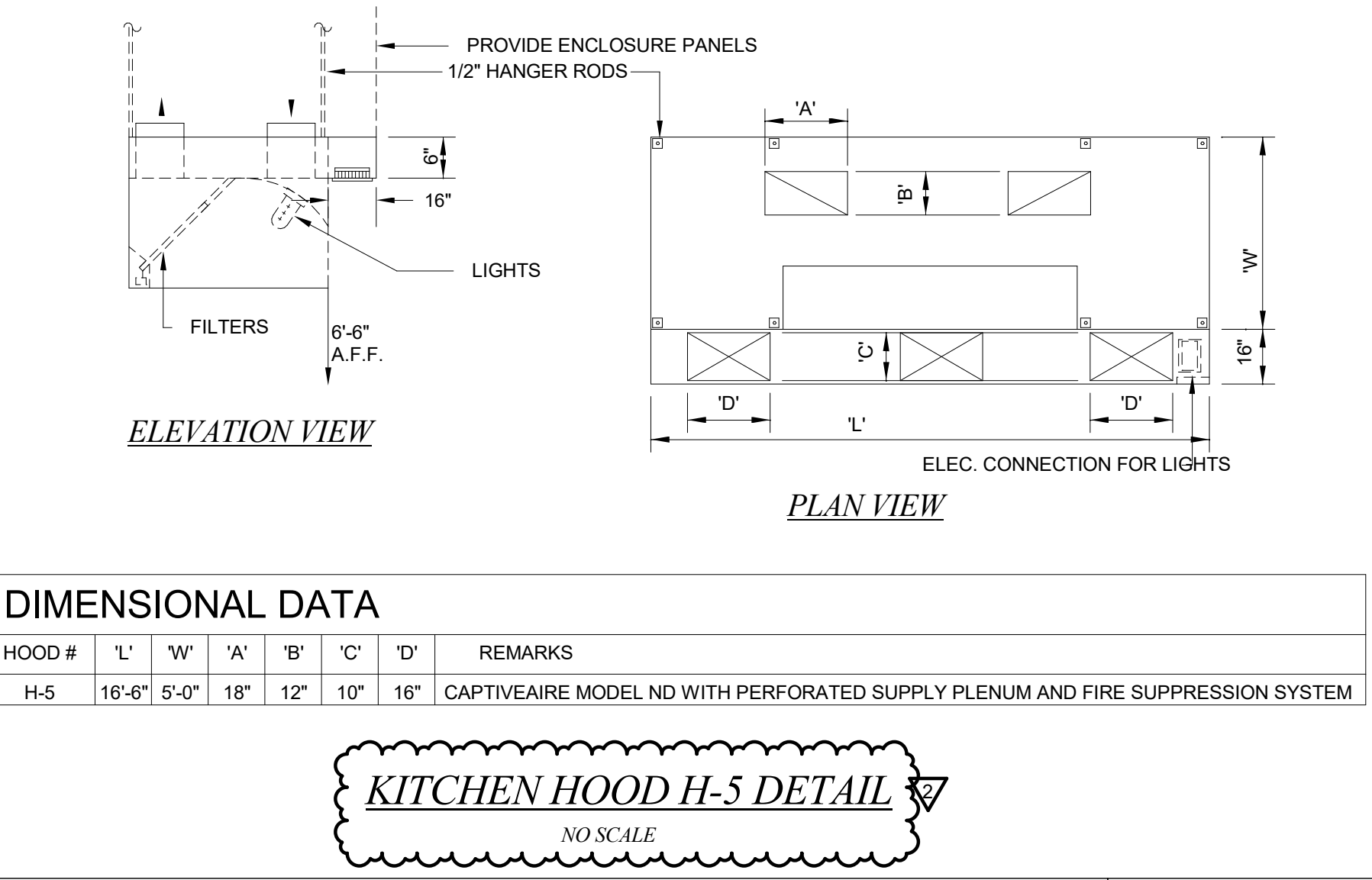
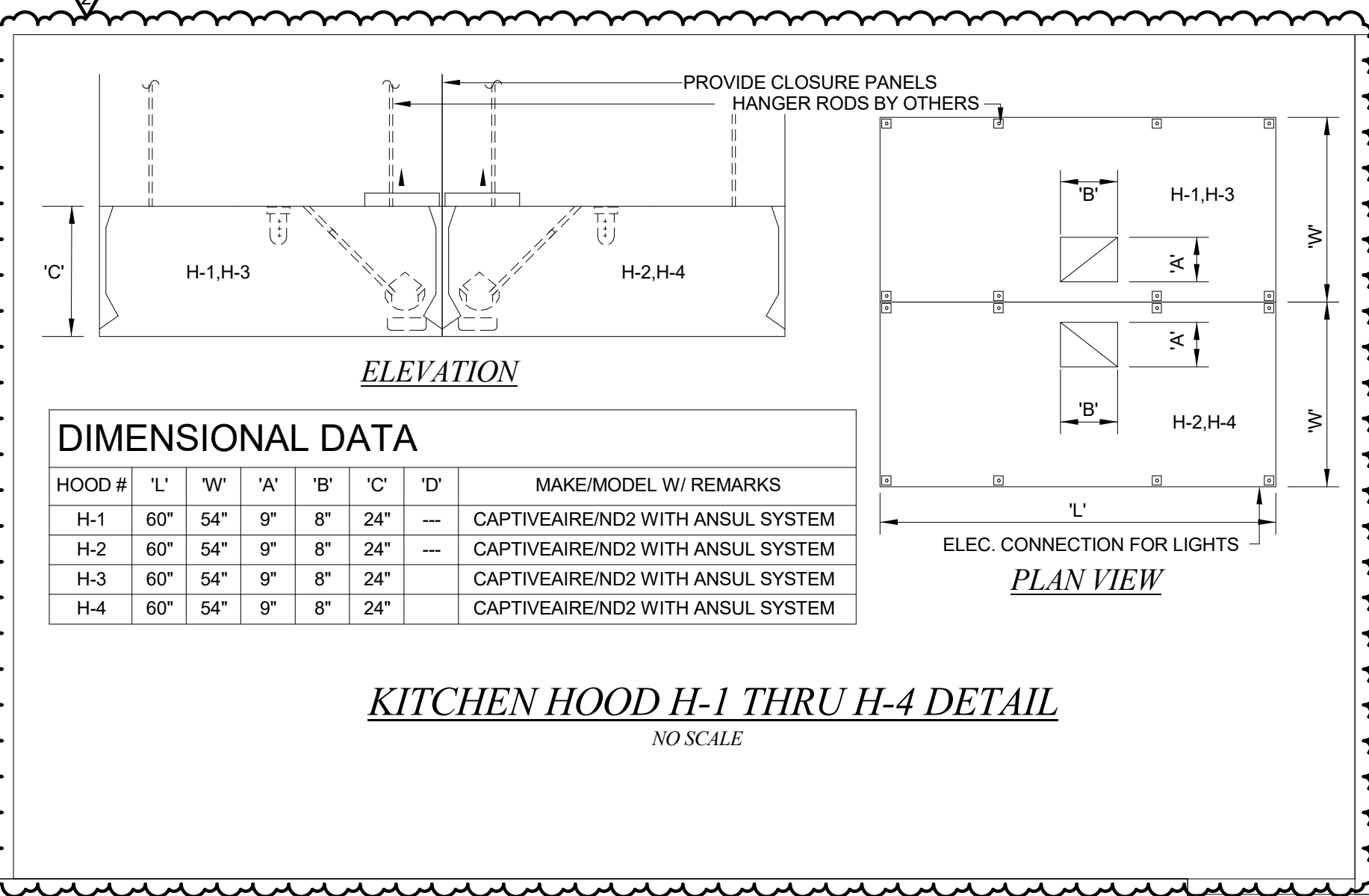
MARK	TYPE	CFM RANGE	NECK SIZE	FACE SIZE	DEFL.	CEILING TYPE	MANUFACTURE	MODEL
①	A	0-85	6"x6"	24"x24"	SEE PLANS	L.A.T.	TITUS	TDC-AA-3-26-AG95AA
②	A	85-245	9"x9"	24"x24"	SEE PLANS	L.A.T.	TITUS	TDC-AA-3-26-AG95AA
③	A	245-450	12"x12"	24"x24"	SEE PLANS	L.A.T.	TITUS	TDC-AA-3-26-AG95AA
④	B	200-280	12"x8"	AS REQ'D	ADJUSTABLE	SEAWALL	TITUS	300FS-1-26-AG15AA
1	--	185-300	10"x10"	24"x24"	35°	L.A.T.	TITUS	355FL-3-26-AG15AA
2	--	300-420	12"x12"	14"x14"	35°	SEAWALL	TITUS	355FL-1-26-AG15AA
3	--	500-680	18"x12"	20"x14"	35°	SEAWALL	TITUS	355FL-1-26-AG15AA
4	--	680-840	24"x24"	26"x26"	35°	SEAWALL	TITUS	355FL-1-26-AG15AA
5	--	840-1200	36"x24"	38"x26"	35°	SEAWALL	TITUS	355FL-1-26-AG15AA
6	--	750-900	18"x18"	24"x24"	35°	L.A.T.	TITUS	355FL-3-26-AG15AA

- TYPE:
 A) LOUVER FACE CEILING SUPPLY DIFFUSER
 B) LOUVER FACE ADJUSTABLE CEILING SUPPLY DIFFUSER
 C) LOUVER FACE FIRE RATED CEILING SUPPLY DIFFUSER
 D) ADJUSTABLE FACE SEAWALL SUPPLY DIFFUSER
 E) LINEAR SLOT CEILING SUPPLY DIFFUSER
 F) LINEAR SLOT SEAWALL SUPPLY DIFFUSER
 G) LOUVER FACE CEILING RETURN REGISTER
 H) LOUVER FACE CEILING RETURN FILTER REGISTER
 I) LOUVER FACE FIRE RATED CEILING RETURN REGISTER
 J) LOUVER FACE CEILING EXHAUST REGISTER
 K) LOUVER FACE SEAWALL RETURN REGISTER
 L) LOUVER FACE CEILING RETURN GRILLE
 M) LINEAR BAR SEAWALL RETURN REGISTER

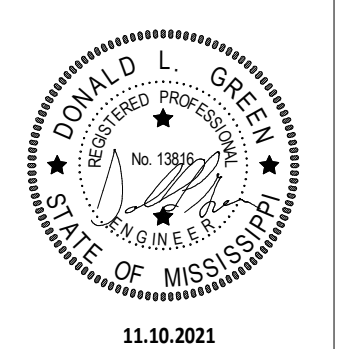


WATER HEATERS

MARK	FUEL	STORAGE GALLONS	RECOVERY @ 100° RISE	INPUT M.B.H.	ELEC. DATA			FLUE/INTAKE	MFR. AND MODEL	REMARKS
					SERVICE	BLOWER H.P.	K.W.			
WH-1	NAT. GAS	80	153.0	130.0	120v, 1ph	--	--	3"Ø / 3"Ø	RHEEM GHE80SU-130(A)	--



GS# 217-019 Culinary Arts Program Relocation
Mississippi Delta Community College -
Greenville Higher Education Center



SHAHER ZAHNER ZAHNER

OFFICE OF ARCHITECTURE
 510 UNIVERSITY DRIVE
 STARKVILLE, MISSISSIPPI 38759
 szzarch.com T(662) 323-1628

M301R1

Mechanical Schedules

DATE: 11.10.2021
 SZZARCH#: 2027
 DRAWN BY: Author
 CHECKED BY: Checker

REVISIONS:
 ADDENDUM #2 11-15-21