

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.	<u> 1 </u>	DATED	<u> 11/16/2017 </u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____

Number	Description
1	Revised or Added Plan Sheet Nos. 1-2, 7-9, 12; Amendment EBS Download Required.

TOTAL ADDENDA: 1
(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

Contractor

BY _____
Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

_____	President	Address
_____	Secretary	Address
_____	Treasurer	Address

The following is my (our) itemized proposal.

BWO-3074-82(004)/ 503088301000
Yazoo County(ies)

Revised 01/26/2016

DESCRIPTION OF SHEET	WKG. NO.	SHEET NO.
LIGHTING PHOTOMETRICS	E-102	0
TITLE SHEET	--	1
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FIRST FLOOR RCP	A-101	4
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PS & E PLANS - DATE: 10/03/2017	
FMS CON. # 503006 / 301000	
REVISIONS	
DATE	BY
11/01/2017	7, 8
11/15/2017	9, 12
	CDFL
	CDFL



MISSISSIPPI DEPARTMENT OF TRANSPORTATION
DISTRICT 3 MATERIALS LAB HVAC AND
LIGHTING REPLACEMENT
DETAILED INDEX

Project Number: BWO-3074-82(004)

COUNTY: YAZOO

WORKING NUMBER
DI-1

FILENAME: BWO-3074-82(004)-DI-1.dgn
DESIGN TEAM: CDFL CHECKED: DRL DATE: 10/16/17

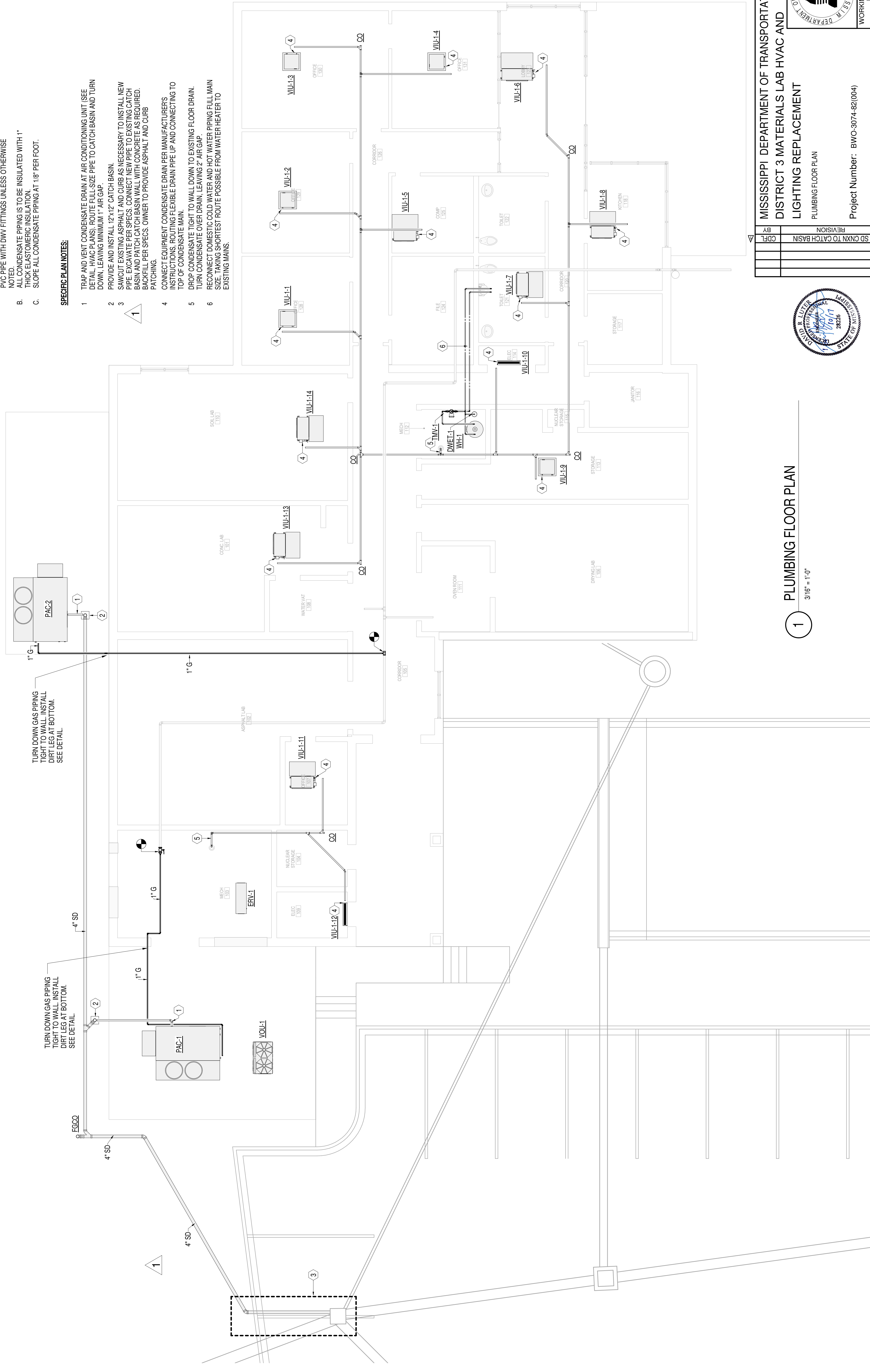
SHEET NUMBER
2

GENERAL PLAN NOTES:

- A. ALL CONDENSATE PIPING IS TO BE 1/2" SCHEDULE 40 PVC PIPE WITH DWV FITTINGS UNLESS OTHERWISE NOTED.
- B. ALL CONDENSATE PIPING IS TO BE INSULATED WITH 1" THICK ELASTOMERIC INSULATION.
- C. SLOPE ALL CONDENSATE PIPING AT 1/8" PER FOOT.

SPECIFIC PLAN NOTES:

- 1 TRAP AND VENT CONDENSATE DRAIN AT AIR CONDITIONING UNIT (SEE DETAIL, HVAC PLANS). ROUTE FULL-SIZE PIPE TO CATCH BASIN AND TURN DOWN, LEAVING MINIMUM 1" AIR GAP.
- 2 PROVIDE AND INSTALL 12"x12" CATCH BASIN.
- 3 SAWCUT EXISTING ASPHALT AND CURB AS NECESSARY TO INSTALL NEW PIPE. EXCAVATE PER SPECS. CONNECT NEW PIPE TO EXISTING CATCH BASIN AND PATCH CATCH BASIN WALL WITH CONCRETE AS REQUIRED. BACKFILL PER SPECS. OWNER TO PROVIDE ASPHALT AND CURB PATCHING.
- 4 CONNECT EQUIPMENT CONDENSATE DRAIN PER MANUFACTURER'S INSTRUCTIONS, ROUTING FLEXIBLE DRAIN PIPE UP AND CONNECTING TO TOP OF CONDENSATE MAIN.
- 5 DROP CONDENSATE TIGHT TO WALL DOWN TO EXISTING FLOOR DRAIN.
- 6 RECONNECT DOMESTIC COLD WATER AND HOT WATER PIPING FULL MAIN SIZE, TAKING SHORTEST ROUTE POSSIBLE FROM WATER HEATER TO EXISTING MAINS.

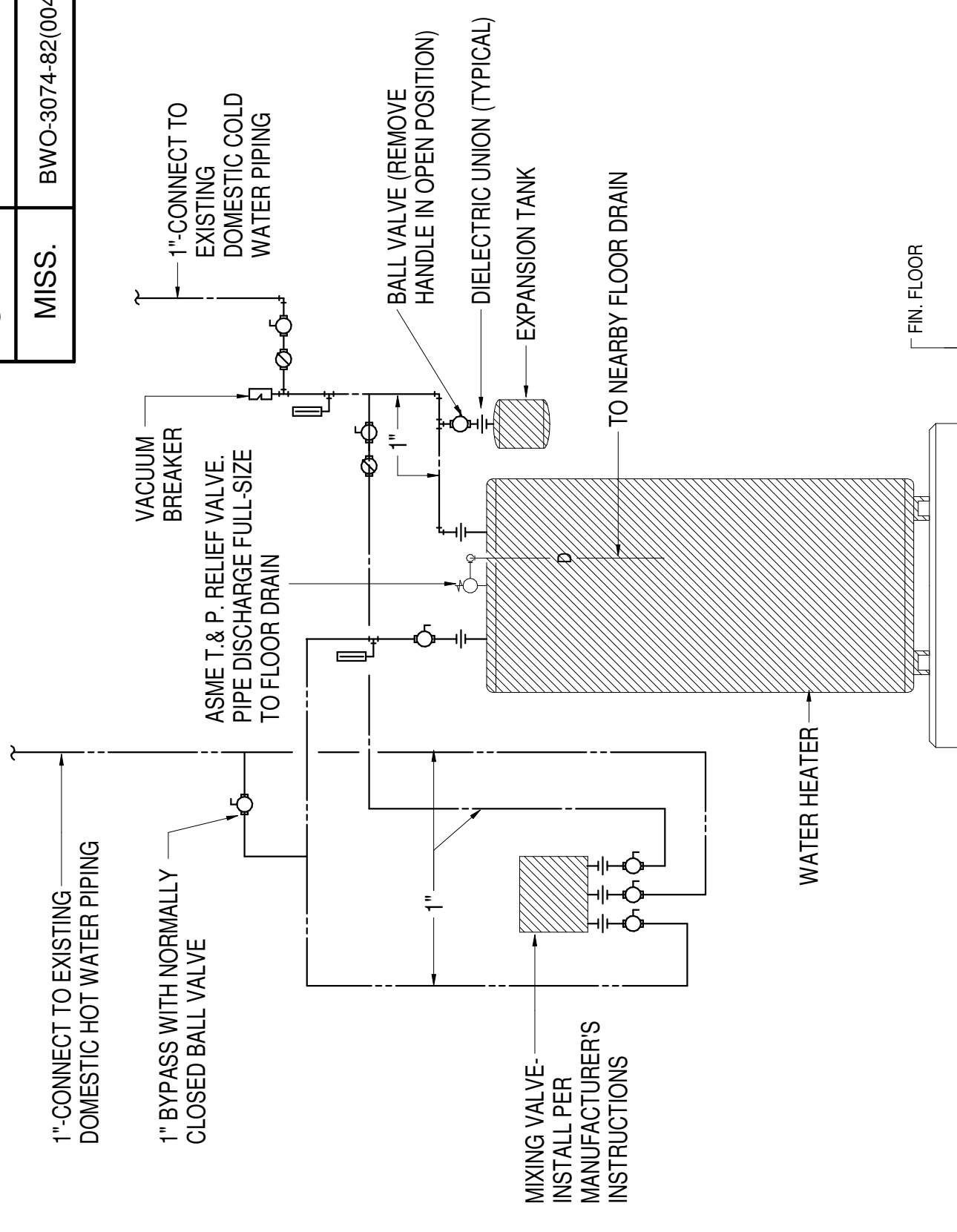


1 PLUMBING FLOOR PLAN
3/16" = 1'-0"

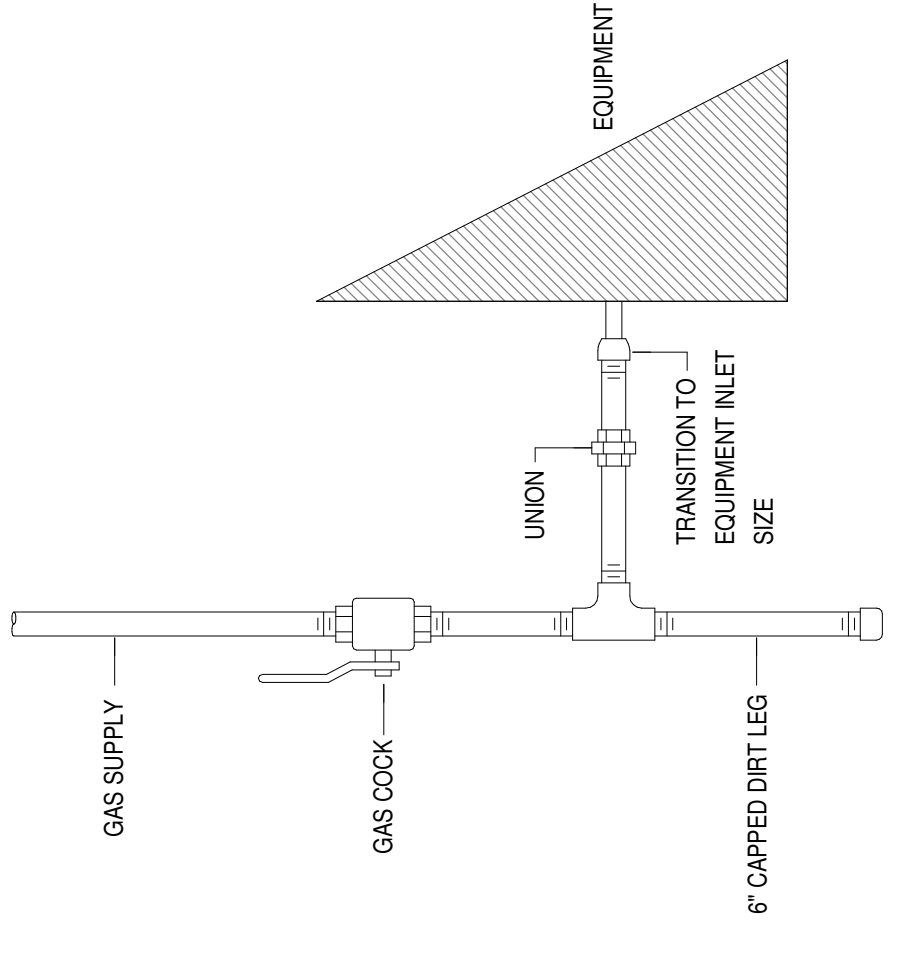


MISSISSIPPI DEPARTMENT OF TRANSPORTATION DISTRICT 3 MATERIALS LAB HVAC AND LIGHTING REPLACEMENT PLUMBING FLOOR PLAN		WORKING NUMBER P-101	SHEET NUMBER 7
Project Number: BWO-3074-82(004)	COUNTY: YAZOO	FILENAME: BWO-3074-82(004)-P-101.dgn	DATE: 11/01/17
DESIGN TEAM: CDFL	CHECKED: DRL	DATE: 10/16/17	
BY: [Blank]	REVISION: [Blank]	DATE: [Blank]	
CDL	SD CNXN TO CATCH BASIN	DATE: [Blank]	

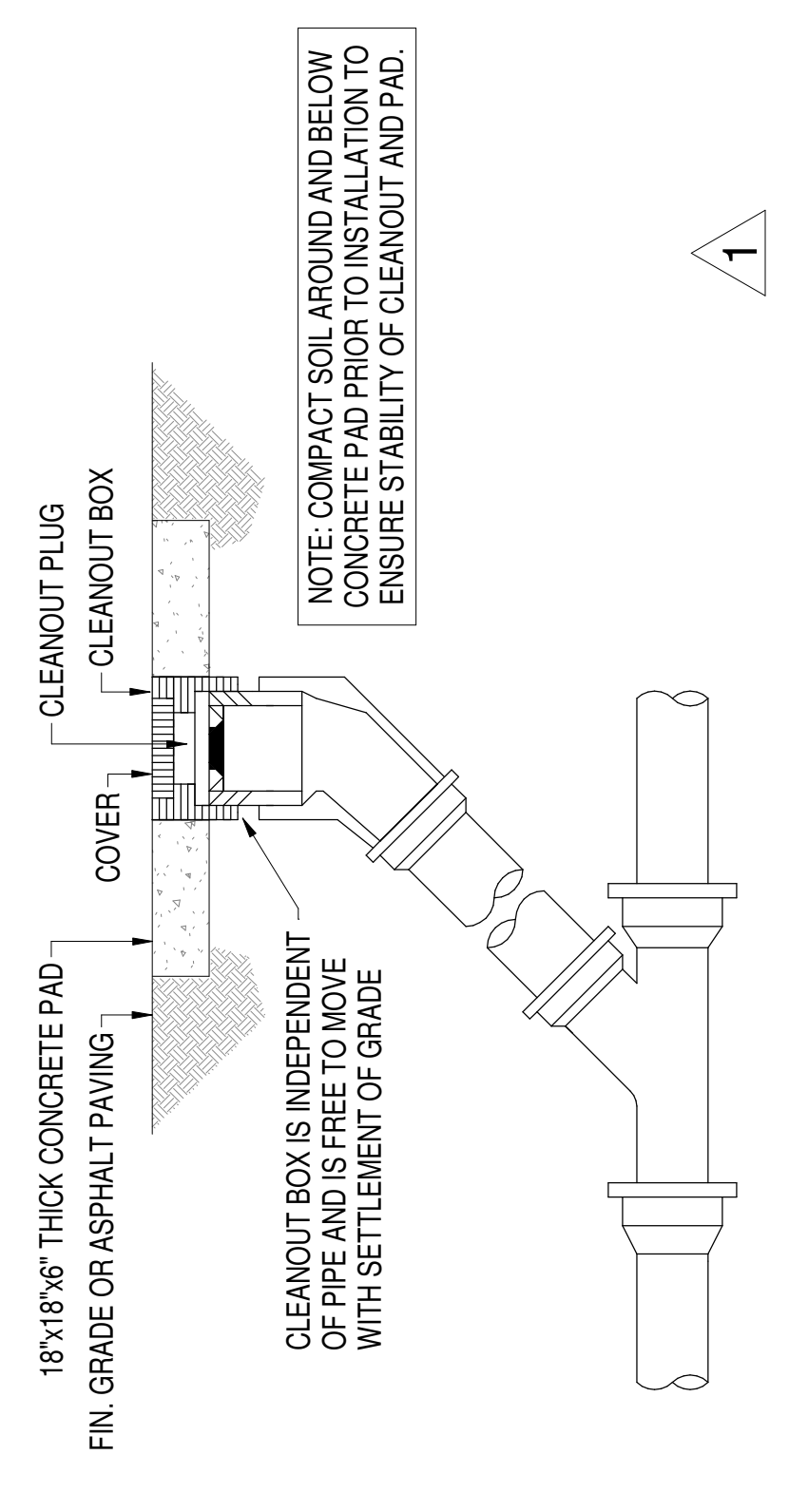
STATE	PROJECT NO.
MISS.	BWO-3074-82(004)



ELECTRIC WATER HEATER INSTALLATION DETAIL
NTS



GAS CONNECTION TO ACU-1
NTS



EXTERIOR FLUSH GRADE CLEANOUT DETAIL
NOT TO SCALE



MISSISSIPPI DEPARTMENT OF TRANSPORTATION DISTRICT 3 MATERIALS LAB HVAC AND LIGHTING REPLACEMENT PLUMBING DETAILS		PROJECT NUMBER: BWO-3074-82(004) COUNTY: YAZOO	WORKING NUMBER: P-501 SHEET NUMBER: 8
FILENAME: BWO-3074-82(004)-P-501.dgn	DATE: 10/16/17		
DESIGN TEAM: CDFL	CHECKED: DRL	DATE: 10/16/17	
BY: [Signature]	REVISION:		
CDL	ADDED FGCO DETAIL		

STATE	PROJECT NO.
MISS.	BWO-3074-82(004)

WATER HEATER SCHEDULE

MARK	FUEL	STORAGE CAPACITY, GALLONS	RECOVERY G.P.H. AT 100 DEG. RISE	ELECTRICAL DATA		BASIS OF DESIGN	ACCESSORIES
				INPUT, KW	VOLTAGE		
WH-1	ELECTRIC	50	19	4.5	240	A.O. SMITH ENT-50	1 COMPARABLE PRODUCTS: A.O. SMITH, RHEEM, STATE

ACCESSORIES:
1. PROVIDE PIPING, VALVES, AND ACCESSORIES PER DETAIL.

DOMESTIC WATER THERMAL EXPANSION TANK SCHEDULE

MARK	MAKE	MODEL	TANK VOLUME (GAL)	ACCEPTABLE VOLUME (GAL)	MAX. OPERATING PRESSURE (PSI)	MAX. OPERATING TEMPERATURE (°F)	DIMENSIONS		CONNECTION SIZE	NOTES
							HEIGHT	DIAMETER		
DWET-1	ELBI	DTS-19	5.0	5.0	150	240	19.3"	10.6"	3/4"	1,2 COMPARABLE PRODUCTS: ELBI, A.O. SMITH, AMITROL

NOTES:
1. TANK, BLADDER, AND ALL COMPONENTS SHALL BE APPROVED FOR USE IN POTABLE SYSTEMS.
2. TANK SHALL BE ASME CODE CONSTRUCTED.

THERMOSTATIC MIXING VALVE SCHEDULE

MARK	DESCRIPTION	FLOW RANGE (GPM)	PRESSURE DROP (PSI)	BASIS OF DESIGN	ACCESSORIES
TMV-1	MASTER MIXING VALVE	1.0-13.0	15 @ 13 GPM	LEONARD TM-186-26-STSTL-EXP-LF	1 COMPARABLE PRODUCTS: LEONARD, POWERS, ARMSTRONG

NOTES:
1. PROVIDE WITH SURFACE MOUNTED STAINLESS STEEL CABINET.

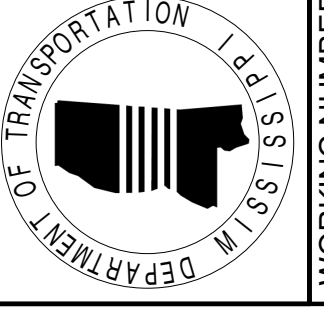
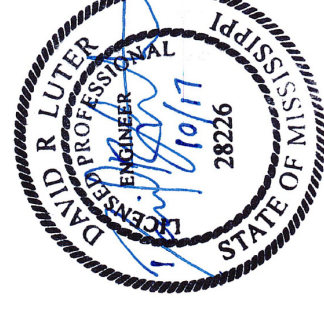
11/15/17	DATE	1
CHANGE TMV-1 MODEL	REVISION	
CDFL	BY	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
DISTRICT 3 MATERIALS LAB HVAC AND LIGHTING REPLACEMENT
PLUMBING SCHEDULES

Project Number: BWO-3074-82(004)
COUNTY: YAZOO

WORKING NUMBER P-601
SHEET NUMBER 9

FILENAME: BWO-3074-82(004)-P-601.dgn
DESIGN TEAM: CDFL CHECKED: DRL DATE: 10/16/17

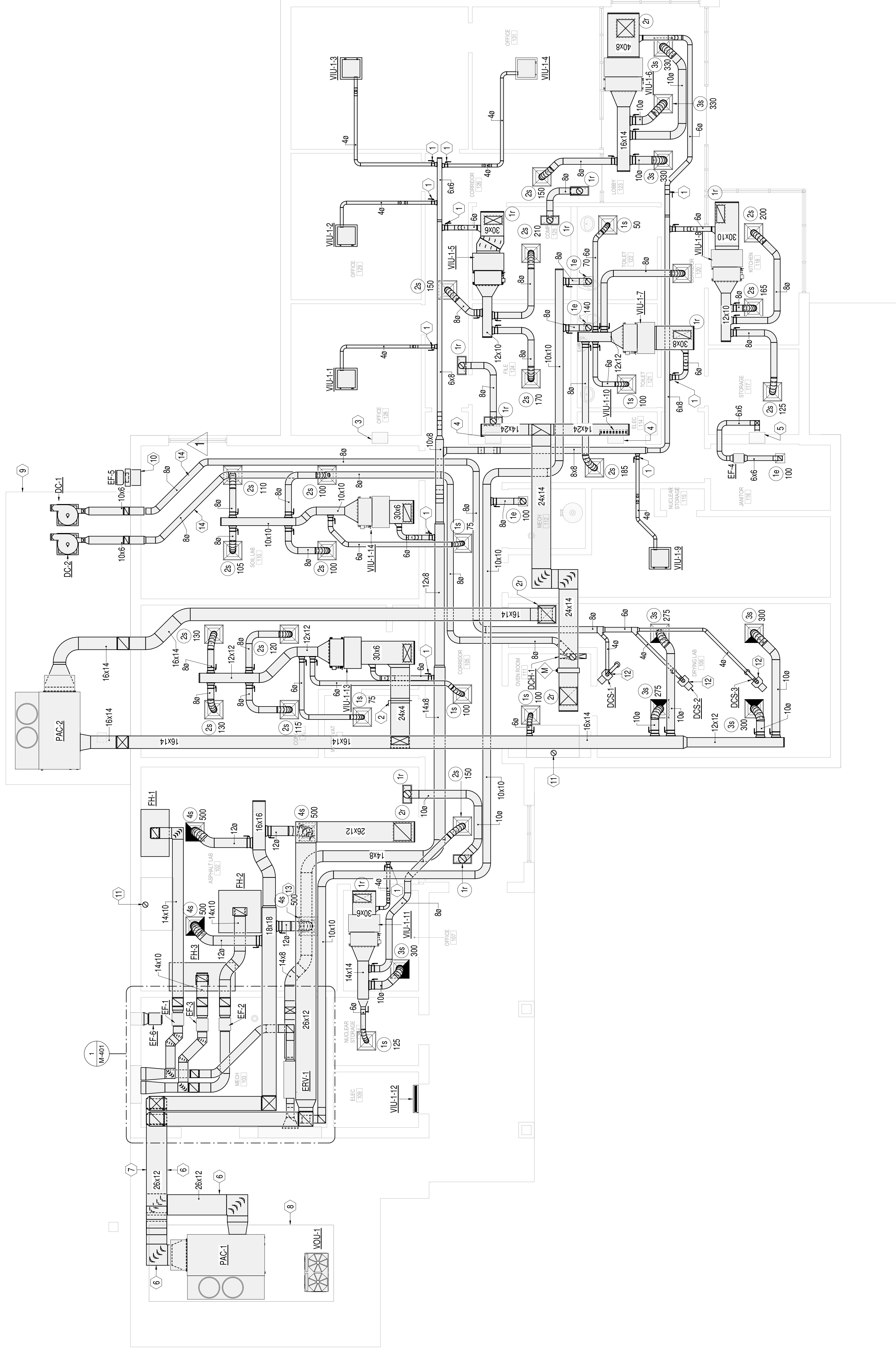


GENERAL PLAN NOTES:

- A. NO NEW HVAC WORK SHALL BE DONE BEFORE APPLICATION OF SPRAY FOAM INSULATION AND MANDATORY 24 HOUR VENTILATION PERIOD. SEE ARCH. SEE GENERAL PROJECT NOTES FOR ADDITIONAL REQUIREMENTS.
- B. ANY EXISTING LOUVER NOT TO BE RECONNECTED TO SEE DETAIL.
- C. WHERE EXISTING LOUVERS ARE TO BE CONNECTED TO NEW DUCTWORK, REMOVE ANY INSECT OR BIRD-SCREEN AND INSTALL NEW INSECT SCREEN.

SPECIFIC PLAN NOTES:

- 1. BALANCE OUTSIDE AIR DAMPER TO CFM INDICATED ON SCHEDULE.
- 2. BALANCE RETURN AIR DAMPER TO 150 CFM.
- 3. BLANK OFF EXISTING LOUVER WITH INSULATED METAL PANEL, APPROXIMATELY THIS LOCATION. SEE DETAIL.
- 4. CONNECT TO EXISTING LOUVER FULL-SIZE APPROXIMATELY THIS LOCATION.
- 5. LOCATION. BLANK OFF REMAINING PORTION WITH INSULATED METAL PANEL. SEE DETAIL.
- 6. SUPPORT SECTION OF DUCT WITH DUCT STAND EQUAL TO PHP-D. SPACE SUPPORTS PER MANUFACTURER'S INSTRUCTIONS.
- 7. STACK 26x12 RETURN DUCT OVER 26x12 SUPPLY DUCT.
- 8. PLACE PACKAGED UNIT AND CONDENSING UNIT ON EXISTING CHILLER HOUSEKEEPING PAD. MODIFY PAD AS NECESSARY FOR INSTALLATION OF PACKAGED UNIT. IF PAD MUST BE EXTENDED, POUR NEW PORTION OF PAD AT SAME THICKNESS OF EXISTING. REINFORCE WITH #6 REBAR AT 12 INCH SPACING IN BOTH DIRECTIONS, DRILLING INTO EXISTING PAD MINIMUM 6" SECURE REBAR IN EXISTING PAD WITH EPOXY ADHESIVE.
- 9. POUR NEW 6" THICK CONCRETE PAD FOR PACKAGED UNIT AND DUST COLLECTORS. UNDERCUT, BACKFILL AND COMPACT AS NECESSARY FOR LOAD. REINFORCE CONCRETE WITH #6 REBAR AT 12 INCH SPACING IN BOTH DIRECTIONS. THICKEN SLAB AROUND EDGES TO 8 INCHES. 6 INCHES BACK FROM EDGES. PROVIDE CONTROL JOINT AT EDGE THAT MEETS EXISTING BUILDING FOUNDATION.
- 10. UTILIZE EXISTING WALL OPENING. - ROUTE NEW DUCTWORK THROUGH OPENING FULL-SIZE. SEAL OPENING WATER TIGHT. COVER INTERIOR SIDE OF OPENING WITH 10 GAUGE, 3/8" HARDWARE CLOTH.
- 11. CONNECT TO EXISTING OVEN EXHAUST PORT WITH 70 DUCT. DUCT TO BE DOUBLE-WALLED EQUAL TO SELKIRK DSP. PROVIDE WALL THIMBLE EQUAL TO SELKIRK WTT FOR PENETRATIONS THROUGH COMBUSTIBLE MATERIALS. ROUTE UP THROUGH ROOF AND TERMINATE WITH ROOF CAP. SEE DETAIL.
- 12. PROVIDE MANUFACTURER'S CEILING BRACKET ACCESSORY WITH SNORKEL BRACKET TO BE INSTALLED SO THAT SNORKEL MOUNTING PLATE IS 24" BELOW CEILING. PROVIDE ADDITIONAL WOOD STRUCTURE ABOVE AS REQUIRED FOR PROPER SUPPORT.
- 13. BLANK OFF SIDE OF DIFFUSER THROWING TOWARDS FUME HOOD.
- 14. DUST COLLECTOR DUCT TO BE ROUND, WELDED LONGITUDINAL SEAM TYPE. ALTERNATIVELY, CLAMPING-TYPE EQUAL TO NORDFAB OF MAY BE USED.



1 HVAC FLOOR PLAN - DUCTWORK

3/16" = 1'-0"



MISSISSIPPI DEPARTMENT OF TRANSPORTATION DISTRICT 3 MATERIALS LAB HVAC AND LIGHTING REPLACEMENT HVAC FLOOR PLAN - DUCTWORK		Project Number: BWO-3074-82(004) COUNTY: YAZOO	WORKING NUMBER M-101	SHEET NUMBER 12
FILENAME: BWO-3074-82(004)-M-101.dgn	DESIGN TEAM: CDFL			
11/5/17	CHANGE NOTE 11, ADD NOTE 14			
	REVISION			
	BY			