DOCUMENT 00 90 00 ADDENDUM

ADDENDUM NO. [1] Date: May 30, 2018

- RE: WESTERN TECHNICAL COLLEGE WELLNESS CENTER RENOVATION 111 SEVENTH STREET NORTH LA CROSSE, WISCONSIN 54601 HSR PROJECT NO. 18010
- FROM: HSR Associates, Inc 100 Milwaukee Street La Crosse, WI 54603 (608) 784-1830

To: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated May 25, 2018. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of [2] 8.5X11 pages, and [1] 30 x 42 drawing.

CHANGES TO BIDDING REQUIREMENTS AND CONDITIONS OF THE CONTRACT: NO CHANGES

GENERAL REQUIREMENTS: NO CHANGES

CHANGES TO SPECIFICATIONS:

- 1. Section 00 01 10 TABLE OF CONTENTS
 - a. Division 23 HVAC: Note the specification are on drawing M100, no bound spec.
- 2. Section 09 72 00 WALL COVERINGS
 - a. 2.01 Manufacturer. Add the following product contacts:
 A. Level wallcovering is; Michelle L. Engstrom, <u>mengstrom@designresource-midwest.com</u>
 B. MDC Metal Look wallcovering is; Ellen Sweeney, <u>esweeney@mdcwall.com</u>

CHANGES TO DRAWINGS

- 3. Sheet A000 COVER SHEET
 - a. Add Sheet "M100 HVAC DEMOLITION AND REMODEL FLOOR PLANS" to the index.
- 4. Sheet ID100 INTERIORS LAYOUT AND FINISH SCHEDULE
 - a. At the Finish Schedule add:
 - i. TLE-1 Floor Tile, 12x12, Ceramic Tileworks, DelConca, Siena, 32SE10 Bianco.
 - ii. TLE-2 Wall Tile, 12x24, Ceramic Tileworks, DelConca, Siena, 63SE10 Bianco.

- iii. TLE-3 3, 2x2 in 12x12 format, Ceramic Tileworks, DelConca, Siena, 32SE10MO Noce.
- iv. Local Representative: Deb Schamm, <u>deb@ceramictileworksmn.com</u> (NOTE THAT THIS TILE IS 2-3 WEEKS OUT).
- v. Grout color "Hydroment Champagne H138".
- vi. Approved equals.
- 5. <u>Sheet M100 HVAC DEMOLITION AND REMODEL FLOOR PLANS</u> 30 x 42 attached hereto a. New Sheet.

PRIOR APPROVALS - N/A

END OF DOCUMENT 00 90 00

TION DEVICES

			INLET	MODEL		REMARKS
SIZE	LOCATION	DAMPER	SIZE	NUMBER	MOUNTING	REF.
						NO.
24 X 24	CEILING	NONE	8"ø	SERIES PLQ 4-WAY	LAY—IN	1,2
24 X 24	CEILING	NONE	6"ø	SERIES 5SH	CONCEAL	1,2,4
12 X 12	CEILING	OBD	N/A	EGC-5 1/2" EGG CRATE	SCREW	1,3
24 X 12	CEILING	OBD	N/A	EGC-5 1/2" EGG CRATE	LAY—IN	1,3
ON PRODUCT SHALL BE S SHALL BE AI SHALL BE AI	ON PRODUCT BY KRUEGER SHALL BE STEEL CONSTRUCTION SHALL BE ALUMINUM CONSTRUCTION SHALL BE ADJUSTABLE FROM FACE	ER RUCTION NSTRUCTION ROM FACE				

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	RESULTS											>	WATER HEAT						
CONTROLS	MAX PRIMARY CFM	MIN PRIMARY CFM	INLET SP in. wg	MIN SP in. wg	DOWN SP in. wg	ARRANGEMENT	HEAT CFM	EAT DEG F	LAT DEG F	CAPACITY MBH	EWT DEG F	LWT DEG F	COIL APD in. wg	WATER GPM	COIL	CIRCUITS	WPD ft. wg	Glycol Type	Glycol Pct
By Others	3000	006	0.75	0.49	0.25	RH Controls / RH Coil	006	55	96.1	40.14	180	133.03	0.45	1.8	2	4	0.27	Propylene	8
By Others	825	250	0.75	0.24	0.25	RH Controls / RH Coil	250	55	109.58	14.80	180	159.58	0.23	1.52	~	4	0.12	Propylene	30
By Others	969	210	0.75	0.26	0.25	RH Controls / RH Coil	210	55	129.29	16.93	180	152.02	0.25	1.27	m	Q	0.04	Propylene	ß
By Others	205	06	0.75	0.07	0.25	RH Controls / RH Coil	6	22	117.44	6.10	180	157.57	0.06	0.57	N	N	0.11	Propylene	30
By Others	285	06	0.75	0.11	0.25	RH Controls / RH Coil	6	55	116.92	6.05	180	154.63	0.1	0.5	N	N	0.08	Propylene	ое
By Others	825	250	0.75	0.24	0.25	RH Controls / RH Coil	250	22	109.58	14.80	180	159.58	0.23	1.52	N	4	0.12	Propylene	30
By Others	250	06	0.75	0.11	0.25	RH Controls / RH Coil	6	55	117.44	6.10	180	157.57	0.08	0.57	N	N	0.11	Propylene	90
By Others	275	06	0.75	0.14	0.25	RH Controls / RH Coil	06	55	117.36	6.09	180	157.2	0.1	0.56	N	N	0.1	Propylene	30
	3360					. –	1970				ſ			ſ					

ENTILATING. AIR CONDITIONING

TO MAINTAIN THE FOLLOWING INDOOR TEMPERATURES, BASED UPON RATURE OF -20'F WINTER AND 89'F. D.B./74'F W.B. SUMMER. - COOLING AND HEATING. CAL CODES. : FOR ALL PERMITS AND INSPECTIONS.

INTEED, KNAUF OR OWENS-CORNING. BOARD WITH VAPOR BARRIER. CTWORK SHALL BE INSULATED WHERE LOCAL CODES AND AS REQUIRED TO PREVENT NORK. LD SURFACES SHALL HAVE VAPOR BARRIER. HALL SATISFY STATE AND LOCAL CODE REQUIREMENTS.

STRUCTED AND INSTALLED AS PER ASHRAE AND SMACNA STANDARDS. AMPERS, DUCT ACCESSORIES ETC. JCT - MAXIMUM LENGTH 6 FEET, AT DIFFUSERS. PRODUCT MUST LISTED. MECHANICALLY FASTENED AND SEALED WITH UL LISTED SEALANT. CLASS "B". PROHIBITED. FFUSERS FFUSERS * KREUGER. SUBMIT SHOP DRAWING TO ENGINEER FOR REVIEW. STERS, AND DIFFUSERS REQUIRED PER AIR DISTRIBUTION DEVICES SCHET

HEDULE.

LL BE BID DIRECT TO OWNER.

* * *

HVAC DUCTWORK SYMBOLS FLEXIBLE CONNECTION AIR TURNS SUPPLY DUCT ELBOW DOWN	SUPPLY DUCT ELBOW UP RETURN\EXHAUST DUCT ELBOW DOWN	RETURN\EXHAUST DUCT ELBOW UP ROUND SUPPLY ELBOW UP ROUND SUPPLY ELBOW DOWN	ROUND RETURN\EXHAUST ELBOW UP ROUND RETURN\EXHAUST ELBOW DOWN	SQUARE/RECTANGULAR DUCT BREAK MANUAL VOLUME DAMPER ROUND DUCT BREAK	OFFSET UP (ANGLE VARIES) FLEXIBLE DUCT	
HVAC						
HVAC SYMBOLS Image: Construction of the state of the stat	Image: Construction of the second	SUPPLY DIFFUSER/GRILLE SUPPLY DIFFUSER/GRILLE DIRECTIONAL THROW <u>G-1</u> GRILLE TYPE 100 AIR VOLUME return/EXHAUST/	G-1 GRILLE TYPE 100 AIR VOLUME	HVAC ABBREVIATIONS	HVAC PIPING SYMBOLS HVAC PIPING SVMBOLS HVAC PIPING UNALTERED HWS REMOVAL PIPING HWS HOT WATER HEATING SUPPLY HWR HOT WATER HEATING RETURN	

ITECTURE NEERING OR DESIGN OR DESIGN OR DESIGN CORATES INC. AUSCONSIN : 608.784.1830 608.782.5844 wisconsin : 608.784.1830 608.782.5844 wisconsin : 608.784.1830 consultant in the consultant in	Fig 3	20/2018 30/2018 30/2018
A R C H E N G I INTERI INTERI INTERI LA CROS PHONE FAX: WEB SITE: WW Consultant:	Key Pain Set Title: MESTERN TECHNICAL COLLEGE Mesterna Bit Mesterna Conternation Mesterna Bit Mesterna Conternation	Revisions: No. Des A1 ADDEA A1 ADDEA Last Update: 5/

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S:	DIFFUSER/GRILLE.	THERMOSTAT.	TRANSFER DUCT.

3UT		SIZE	24 X	24 X	12 X	24 X	HA NO O	
ISTRIB	FIXTURE	ТҮРЕ	SUPPLY	SUPPLY	EXHAUST	TRANSFER	1. BASED	2. GRILLE 3. GRILLE 4. GRILLE
AIR DI	UNIT	REF.	G-1	G-2	G-3	G-4	REMARKS:	

TAG	MFG	αтγ	MODEL	SIZE	CONTROLS
 -VAV B-1	ETI	+	SDR	16	By Others
VAV B-2	ETI	-	SDR	10	By Others
VAV B-3	ETI	-	SDR	10	By Others
VAV B-4	ETI	-	SDR	04	By Others
VAV B-5	ETI	-	SDR	05	By Others
VAV B-6	ETI	-	SDR	10	By Others
VAV B-7	ETI	-	SDR	06	By Others
	i				

NO WOR -9

AHU-1 N EXISTING

- Belmouth Fitting (TYP.)

VOLUME DAMPER

FLOW

AR

SDR 10 By Others	SDR 04 By Others	05	SDR 10 By Others	SDR 06 By Others	SDR 06 By Others	KS: BALANCE EXISTING VAV BO
-	-	-	-	-	-	Щ
ET	ETI	ET	ETI	ETI	ETI	S: BALAN
VAV B-3	VAV B-4	VAV B-5	VAV B-6	VAV B-7	VAV B-8	REMARKS: 1. BAI
EXISTING AHU-6	EXISTING AHU-6	EXISTING AHU-6	EXISTING AHU-6	EXISTING AHU-6	EXISTING AHU-6	_

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-ROUND BRANCH (BRANCH DUCT

IAIN DUCT

<u>NOTE:</u> L = 1/4 X W (MINIMUM 4*)

DIVISION 23 - HEATING. VI	DESCRIPTION OF WORK	1. GENERAL:	A. HVAC SYSTEM IS DESIGNED T DESIGN OUTDOOR AIR TEMPEF					DUCT INSULATION		CONDENSATION ON DUCTWORK
SCRIPTION OF WORK GENERAL: HVAC SYSTEM IS DESIGN DESIGN OUTDOOR AIR TI INSIDE TEMPERATURE: REGULATORY REQUIREME CONFORM TO STATE ANI CONFORM TO STATE ANI COOLING SUPPLY AIR DI COOLING SUPPLY AIR DI	JCT	JCT	TOU	LDC	E	2	Ŋ			

A. CONFORM TO STATE AND LOC B. COMPLY WITH AND PAY FEES C. CLEAN-UP.		 J-M, ARMSTRONG, CERTAINTE FIBERGLASS BLANKET OR BO COOLING SUPPLY AIR DUCTW 	REQUIRED BY STATE OR LOC CONDENSATION ON DUCTWOR	4. DUCT INSULATION ON COLD 5. INSULATION THICKNESS SHAL	DUCTWORK	1. DUCTWORK TO BE CONSTRUC	2. PROVIDE AIR TURNS, DAMPER 3. FLEXIBLE INSULATED DUCT -	BE U.L. 181, CLASS 1 LISTE
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TAKE

BRANCH DUCT

JTYPICAL N.T.S.

ROUND

- RECTANGULAR OR F DUCT OR RUNOUT

AIR FLOW

4 Ff

1. BASED UN PRUDUCI BY KRE 2. PROVIDE GRILLES, REGISTERS
GRILLES, REGISTERS AND DIFFUSE
5. USE OF DUCT TAPE IS PRO
4. ALL DUCTS SHALL BE MECH. SEAL TO SMACNA SEAL CLAS
3. FLEXIBLE INSULATED DUCT - BE U.L. 181, CLASS 1 LISTE
2. PROVIDE AIR TURNS, DAMPEI
1. DUCTWORK TO BE CONSTRUC

BALANCING
 SERVICE BY N.E.B.B. CERTIFIED BALANCING CONTRACTOR. MFB OR WHV.
 PROVIDE AIR BALANCING AND SUBMIT BALANCING REPORT TO A/E AND OWNER.
 BALANCE EXISTING AH-6 COOLING CFM TO 3360. HEATING CFM SHALL BE 1970. O.A SHALL BE 1185 CFM AS
 BALANCE EXISTING UB-1 TRANSFER FAN TO 655 CFM.

S TEMPERATURE 1. TEMPERAT

- CONNECT BRANCH DUCT TO SIDE OF PLENUM

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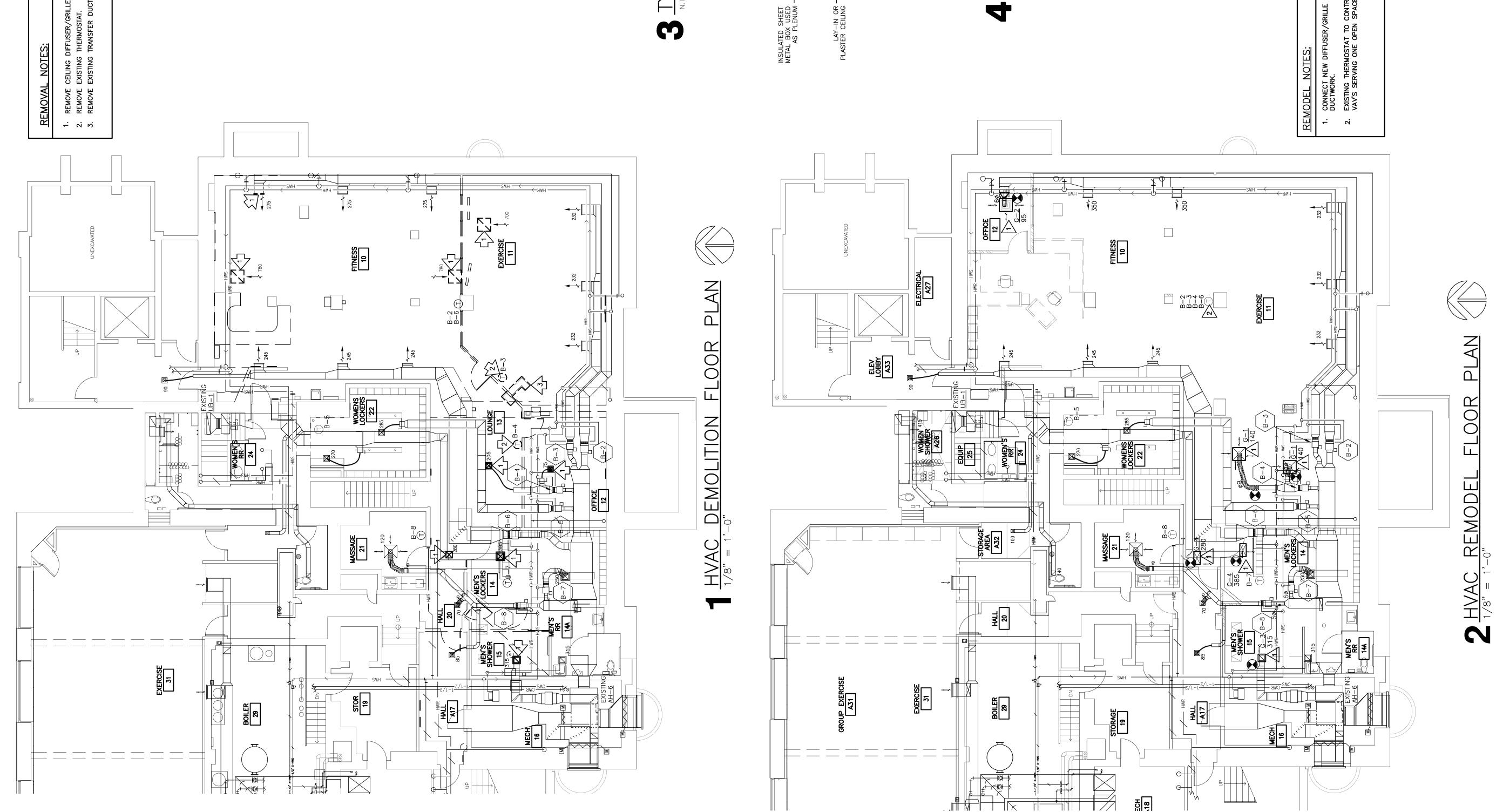
JSER/GRILLE-INLET NECK

DIFFUSER/GRILLE PLENUM CONNECTION DETAIL

4

NOTES: Z T NEW DIFFUSER/GRILLE TO EXISTNG RK. IOSTAT TO CONTROL FOUR ONE OPEN SPACE.





JOIST (TYP.)

BRANCH DUCT -

LAY-IN OR -PLASTER CEILING