

**DOCUMENT 00 90 00
ADDENDUM**

ADDENDUM NO. [1] Date: March 1, 2018

**RE: SCHOOL DISTRICT OF HOLMEN
HIGH SCHOOL AND MIDDLE SCHOOL SECURE ENTRANCES
HOLMEN, WISCONSIN 54636
HSR PROJECT NO. 17071**

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 February 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] pages, Pre-bid attendance and [3] 24 x 36 drawings.

CHANGES TO BIDDING REQUIREMENTS AND CONDITIONS OF THE CONTRACT:

1. Pre-bid attendance attached hereto.

GENERAL REQUIREMENTS:

2. Section 01 10 00 SUMMARY
 - a. 1.09, A, 1:
 - i. For the May 14 to June 6 early work period, work hours shall be 4:00 p.m. to ½ hour after sunset.
 - ii. The following days have school activities and there shall not be any work occurring: May 18, May 20 and May 31.
3. Section 01 5000 TEMPORARY FACILITIES AND CONTROL
 - a. 1.15: At the Middle School the drop-off lane along main street can be fenced off for staging and storage area. The parking lot on the north side of the building can be utilized as well.

CHANGES TO SPECIFICATIONS:

4. Section 28 31 00 FIRE DETECTION AND ALARM
 - a. 2.01, A: Existing system is Simplex. No substitute for new construction.

CHANGES TO DRAWINGS

5. Sheet A090 REMOVAL PLAN
 - a. In Conference Room, remove existing wall covering and skim coat remaining walls for a paint finish.
6. Sheet A110 REFLECTED CEILING PLAN
 - a. Conference Room 104, change ceiling height to 8'-6".

7. Sheet S100 FOUNDATION PLAN AND DETAILS
 - a. 6S100: Top of footing elevation is 96'-0" to match existing footing.
8. Sheet S200R FRAMING PLAN & DETAILS 24 x 36 attached hereto
 - a. Revisions clouded on plan.
9. Sheet S201R FRAMING DETAILS 24 x 36 attached hereto
 - a. Roof framing changed to wide flange beams.
 - b. Revisions clouded on plan.
10. Sheet M100R HVAC DUCTWORK AND PIPING REMODEL PLANS 24 x 36 attached hereto
 - a. Revisions clouded on plan

PRIOR APPROVALS:

1. Section 07 21 00 THERMAL INSULATION
 - a. Molded polystyrene board insulation for foundation locations, in thickness to achieve stated R-value. ACH Foam Technologies.

END OF DOCUMENT 00 90 00

HSR Associates

Celebrating over **60 Years** of Innovative Design
100 Milwaukee St. 608.784.1830
La Crosse, WI 54603 www.hsrasociates.com

Pre-Bid Meeting Sign-In Sheet

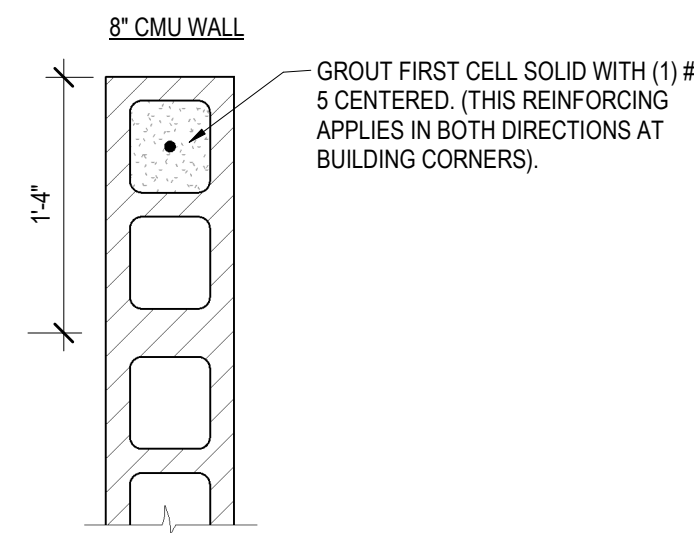
February 26, 2018

**PROJECT: SCHOOL DISTRICT OF HOLMEN
HIGH SCHOOL AND MIDDLE SCHOOL SECURE ENTRANCES
HOLMEN, WISCONSIN 54636
HSR 17071**

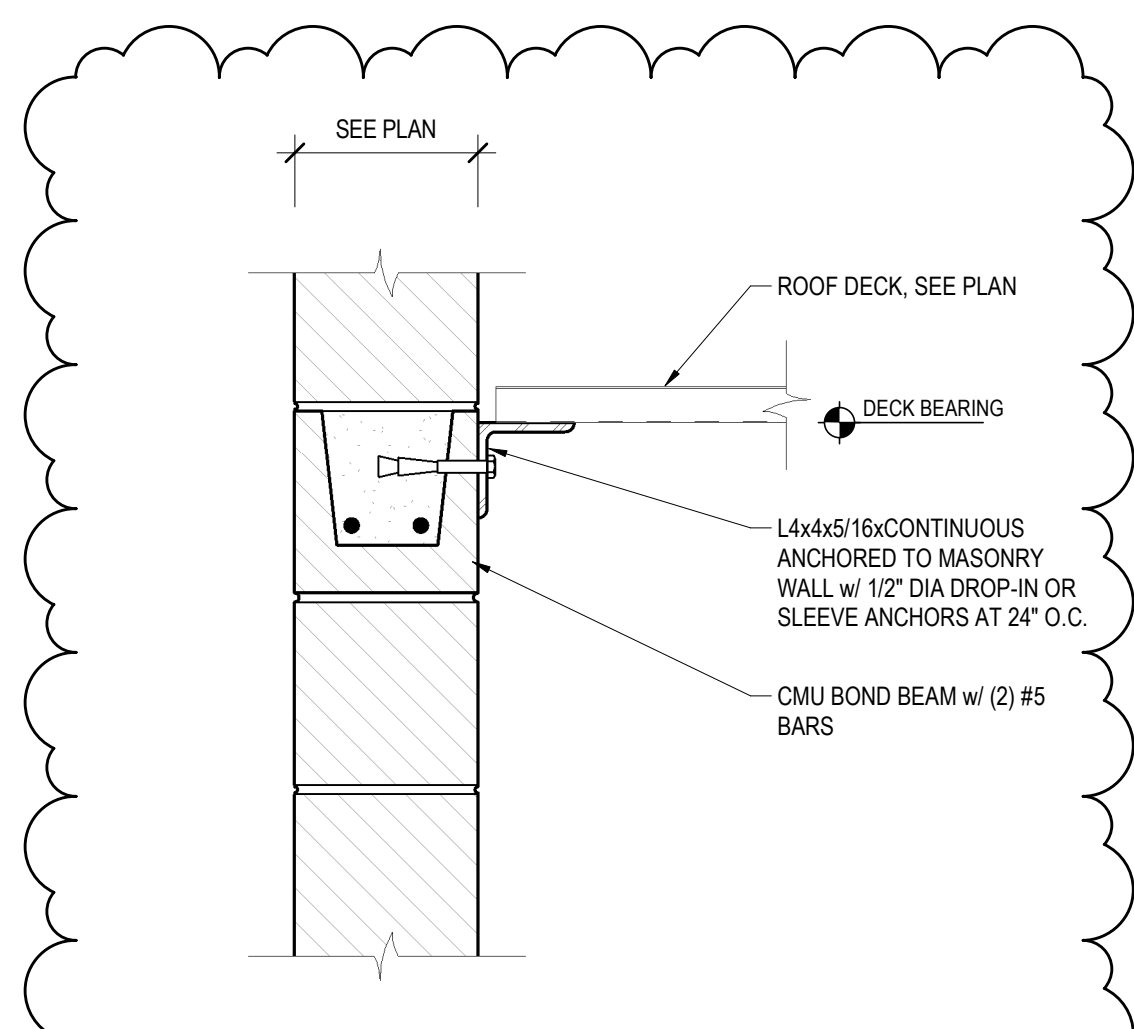
BID OPENING: 10:00 AM, March 13, 2018

Name	Company	Phone No.	E-mail
1. Doug Ramsey	HSR		
2. Mike Lorenz	HSR		
3. John Daily	Holmen SD.		
4. Nick Schuch	BRICKL	608-769-9267	nSchuch@BRICKLBROS.CO
5. Brad Burke	American	608-780-4959	bburke@americanconstructionco.com
6. Justin Kachake	Olympic Builders	608 526 4622	office@olympicbuildersco.com
7. TRAVIS Horstman	WBE	608-799-5360	tghorstman@wellsteinbrothers.com
8. CHRIS HANSON	FHI	782-6849	CHANSON@FOXLEIGHANNEF.COM
9. Scott Frye	Market + Johnson	608 769 8793	sfrye@market-johnson.com
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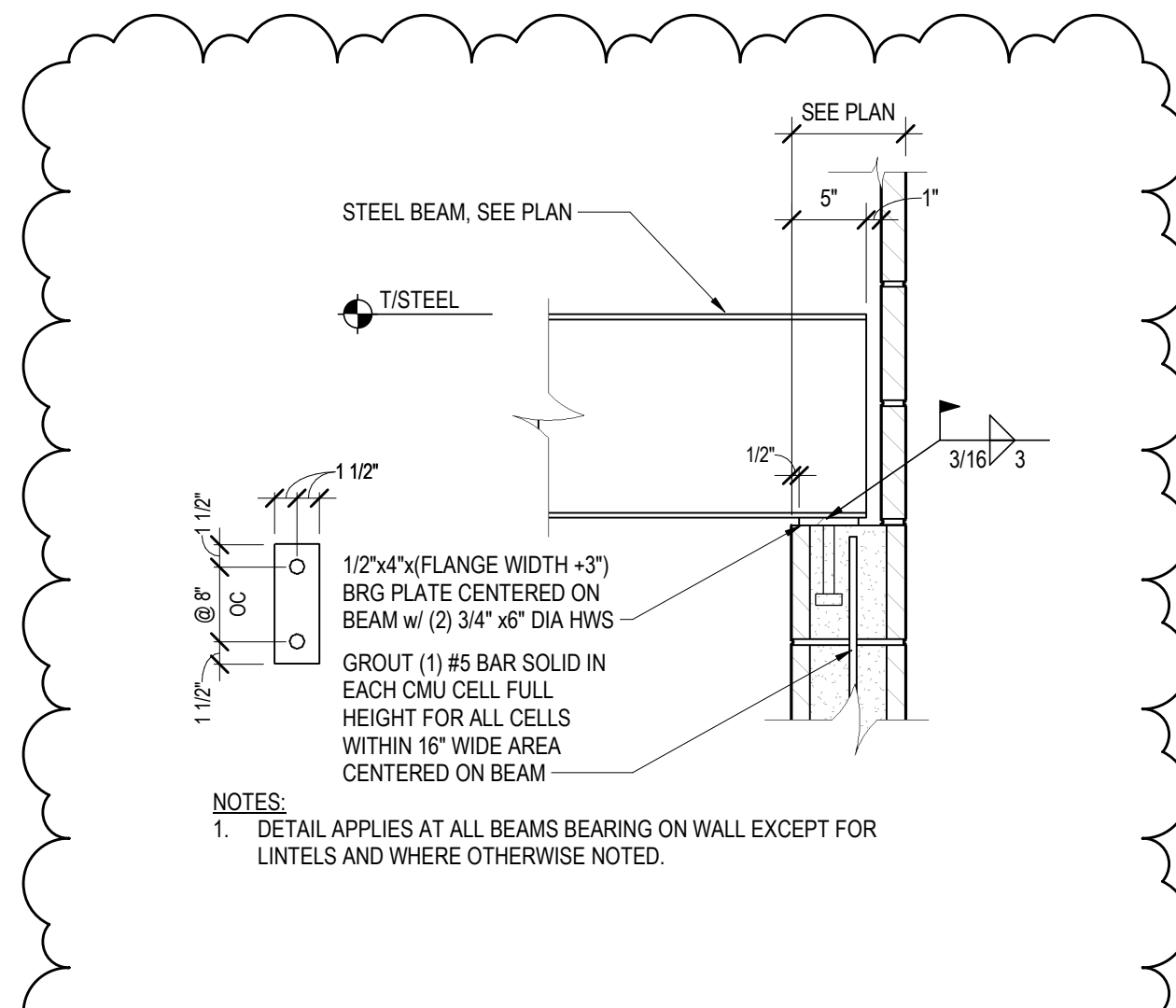
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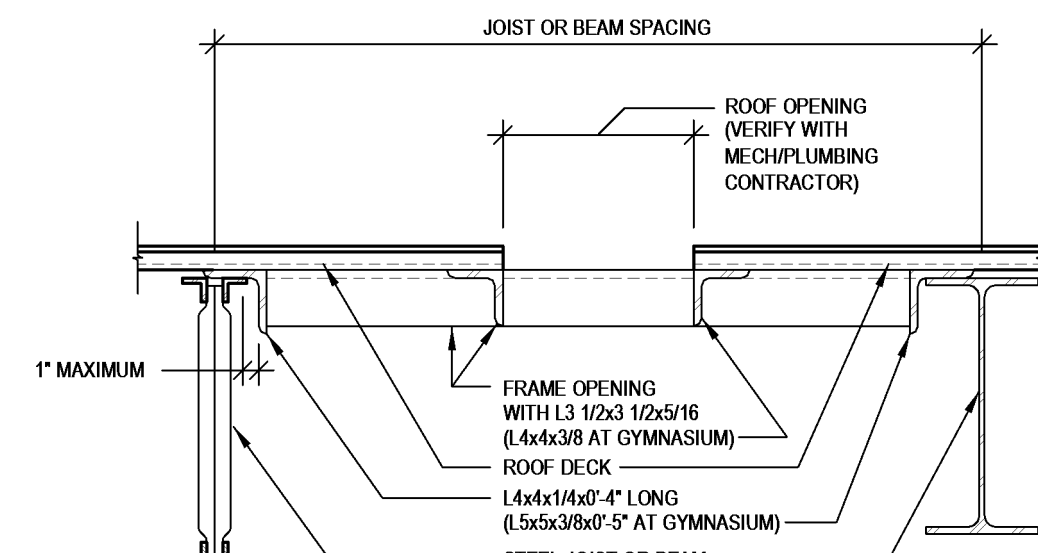
1 CMU WALL REINFORCEMENT
SCALE: 1" = 1'-0"



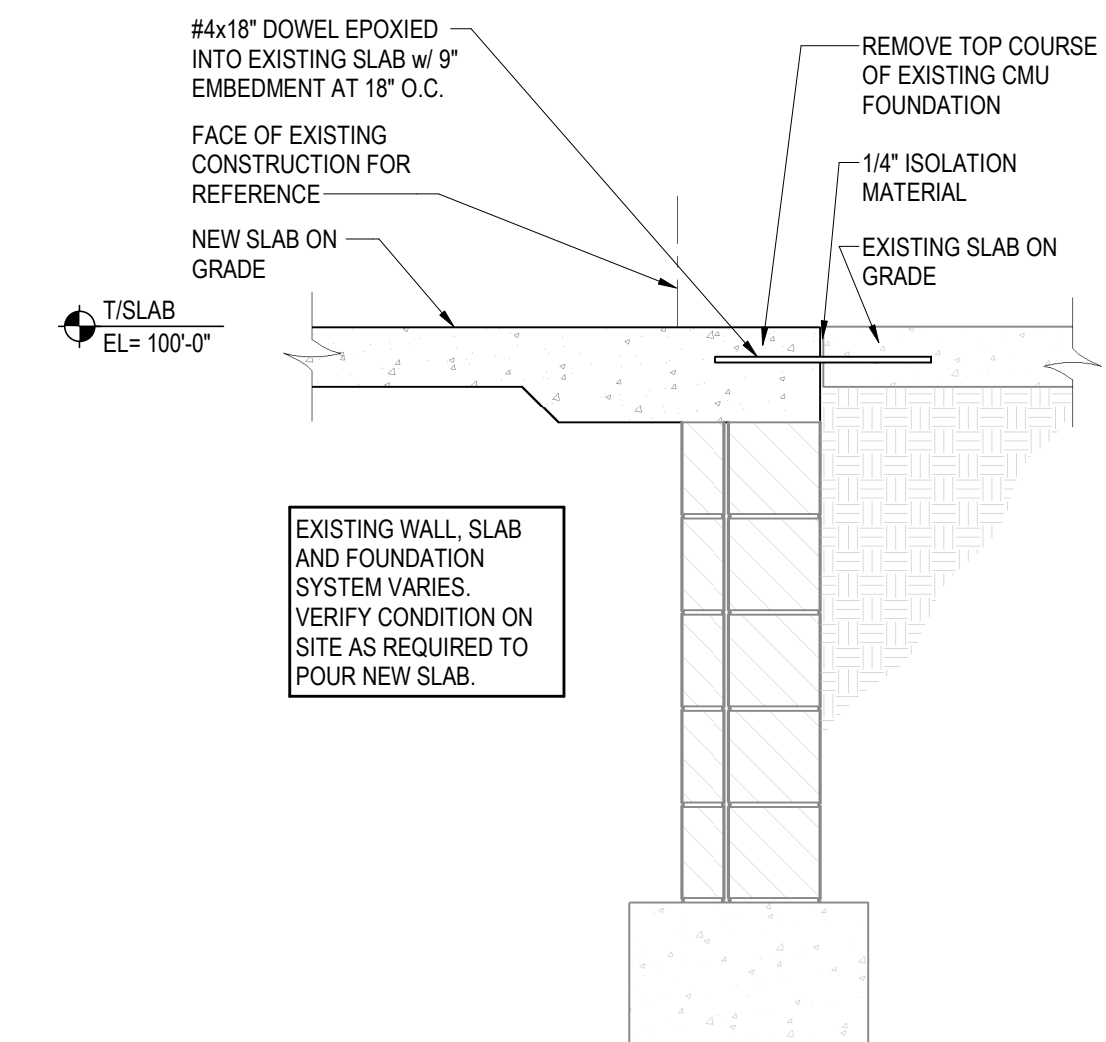
2 TYPICAL END WALL DETAIL
SCALE: 1 1/2" = 1'-0"



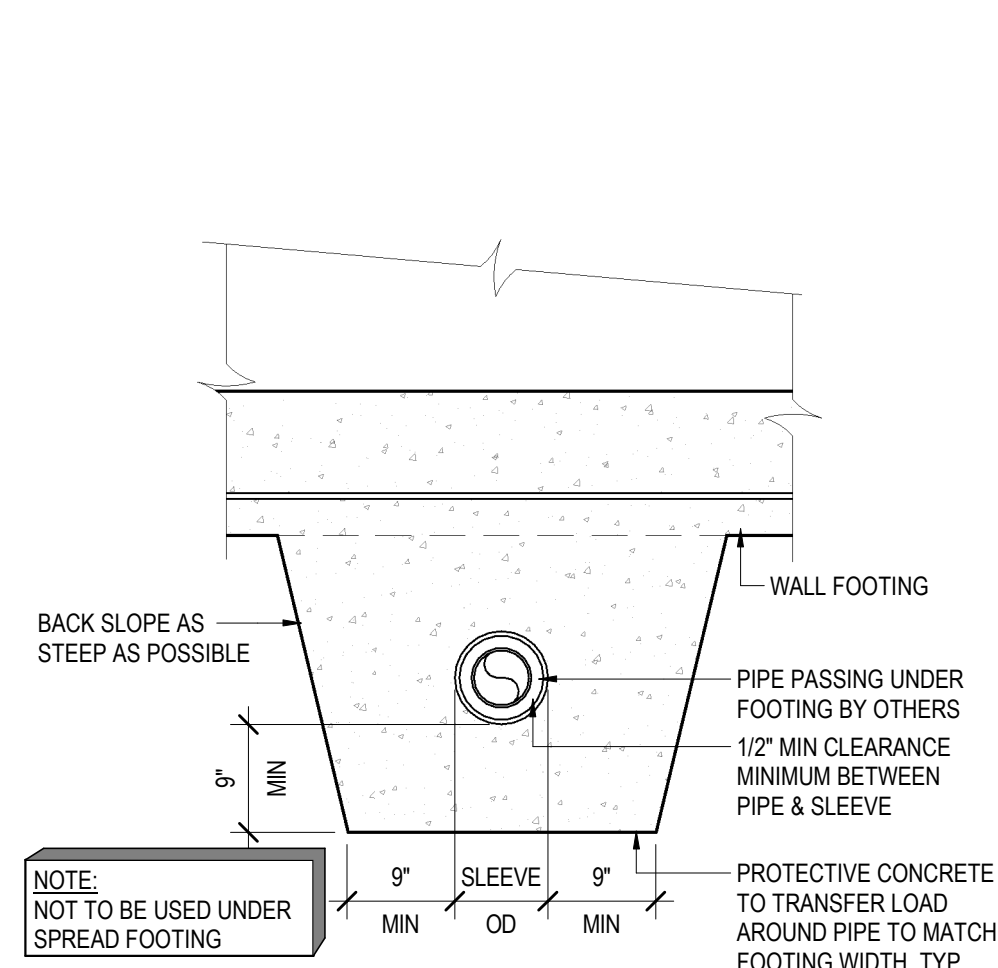
3 BEAM BRG DETAIL (CMU)
SCALE: 1" = 1'-0"



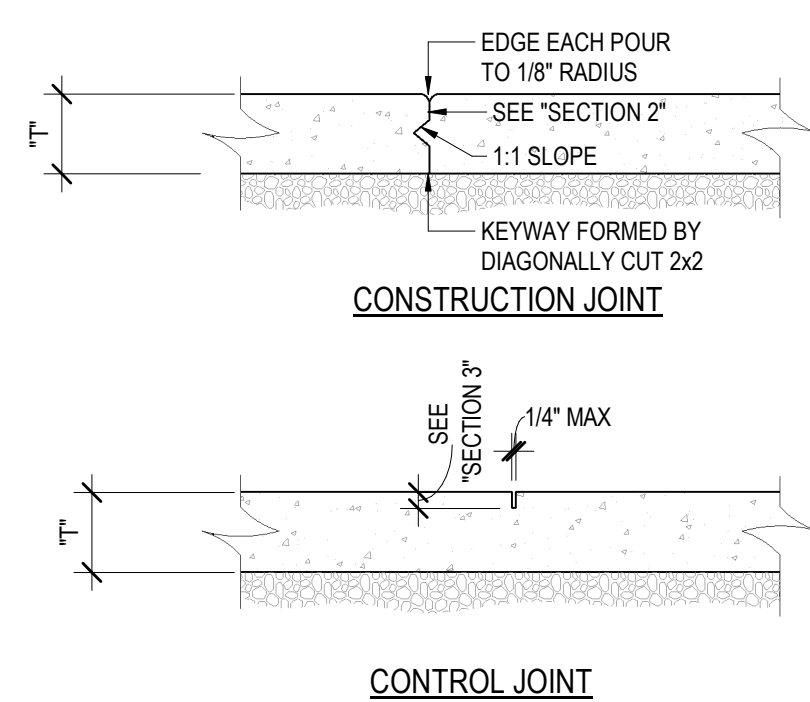
4 TYPICAL FRAMING AT ROOF OPENING
SCALE: 1" = 1'-0"



5 WALL SECTION AT EXISTING AT DOOR
SCALE: 3/4" = 1'-0"



6 PIPE PASSING UNDER WALL FOOTING
SCALE: 3/4" = 1'-0"



7 TYPICAL SLAB-ON-GRADE JOINTS
SCALE: 1" = 1'-0"

- SECTION 1: SLAB-ON-GRADE NOTES**
- SLAB-ON-GRADE CONSTRUCTION SHOULD CONFORM WITH THE RECOMMENDATIONS AND REQUIREMENTS SET FORTH IN THE LATEST RELEASE OF ACI 302 GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION. REFER TO THE GENERAL NOTES, THE SPECIFICATION, AND THE DRAWINGS FOR SUB-FLOOR DRAINAGE SYSTEM, SUBGRADE PREPARATION, AND/OR MUD SLAB AND VAPOR RETARDER REQUIREMENTS.
 - THE SUBGRADE SHALL BE FREE OF STANDING WATER AT THE TIME OF CONCRETE PLACEMENT.
 - REFER TO PLANS FOR SLAB THICKNESS (T) AND REINFORCEMENT (W/F OR REINFORCEMENT BARS). REFER TO SPECIFICATIONS FOR FIBER REINFORCEMENT TO BE INCORPORATED IN CONCRETE MIX, IF ANY. WHERE PRESENT, REINFORCING BARS SHALL BE CHAIBED BY SOIL SUPPORTED SLAB BOLSTERS.
 - PROVIDE (2) #5 x6'-0" AT ALL RE-ENTRANT CORNERS AND OTHER SIMILAR SLAB DISCONTINUITIES.
 - UNLESS SHOWN OTHERWISE ON THE DRAWINGS, PROVIDE CONTROL AND/OR CONSTRUCTION JOINTS AT EVERY COLUMN LINE AND IN BETWEEN THE COLUMNS SUCH THAT THE JOINT SPACING DOES NOT EXCEED 36x(T) UNO. THE RESULTING PANELS SHOULD BE APPROXIMATELY SQUARE.
- SECTION 2: CONSTRUCTION JOINT NOTES**
- BREAK THE BOND BETWEEN NEW AND PREVIOUSLY PLACES SLABS BY SPRAYING OR BY PAINTING THE EXPOSED SIDE OF THE JOINT WITH A CURING COMPOUND, ASPHALTIC EMULSION, OR FORM OIL.
- SECTION 3: CONTROL JOINT NOTES**
- FOR SAW-CUT CONTROL JOINTS, MAKE THE SAW-CUT AS SOON AS THE SLAB IS ABLE TO SUPPORT THE WEIGHT OF WORKERS AND SAWING EQUIPMENT WITHOUT DAMAGE TO THE FINISHED SURFACE OF THE SLAB, BUT WITHIN 24 HOURS.
 - DEPTH OF SAW-CUT SHOULD BE 1-1/4" IF PRODUCED USING THE EARLY ENTRY DRY-CUT PROCESS AND T/4 (1" MIN) IF PRODUCED USING THE CONVENTIONAL WET-CUT PROCESS.
 - REFER TO SPECIFICATIONS REGARDING EPOXY RESIN OR ELASTOMERIC SEALANT REQUIREMENTS FILL CONTROL JOINTS.
- SECTION 4: FORMED CONTROL JOINT OPTION NOTES**
- FORM CONTROL JOINTS BY INSERTING A PRE-MOLDED STRIP INTO THE FRESH CONCRETE UNTIL THE TOP SURFACE OF THE STRIP IS FLUSH WITH THE TOP SURFACE OF THE SLAB.
 - TOOL THE SLAB EDGES ROUND ON EACH SIDE OF THE INSERT, 1/8" MAX RADIUS.
 - AFTER THE CONCRETE HAS CURED, REMOVE THE INSERTS AND CLEAN THE GROOVE OF LOOSE DEBRIS.

No.	Description	Date
	Addendum #1	03-01-2018

Graphic Scale:
VARIES

Last Update:
3/1/2018 10:14:52 AM

S201R

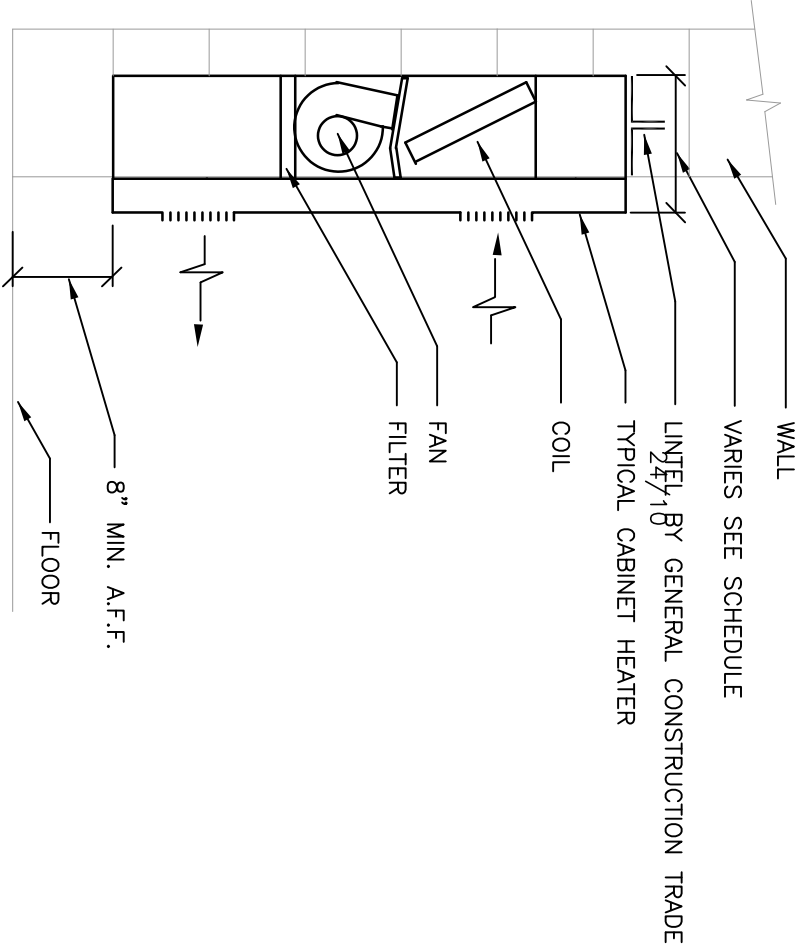
HIGH SCHOOL



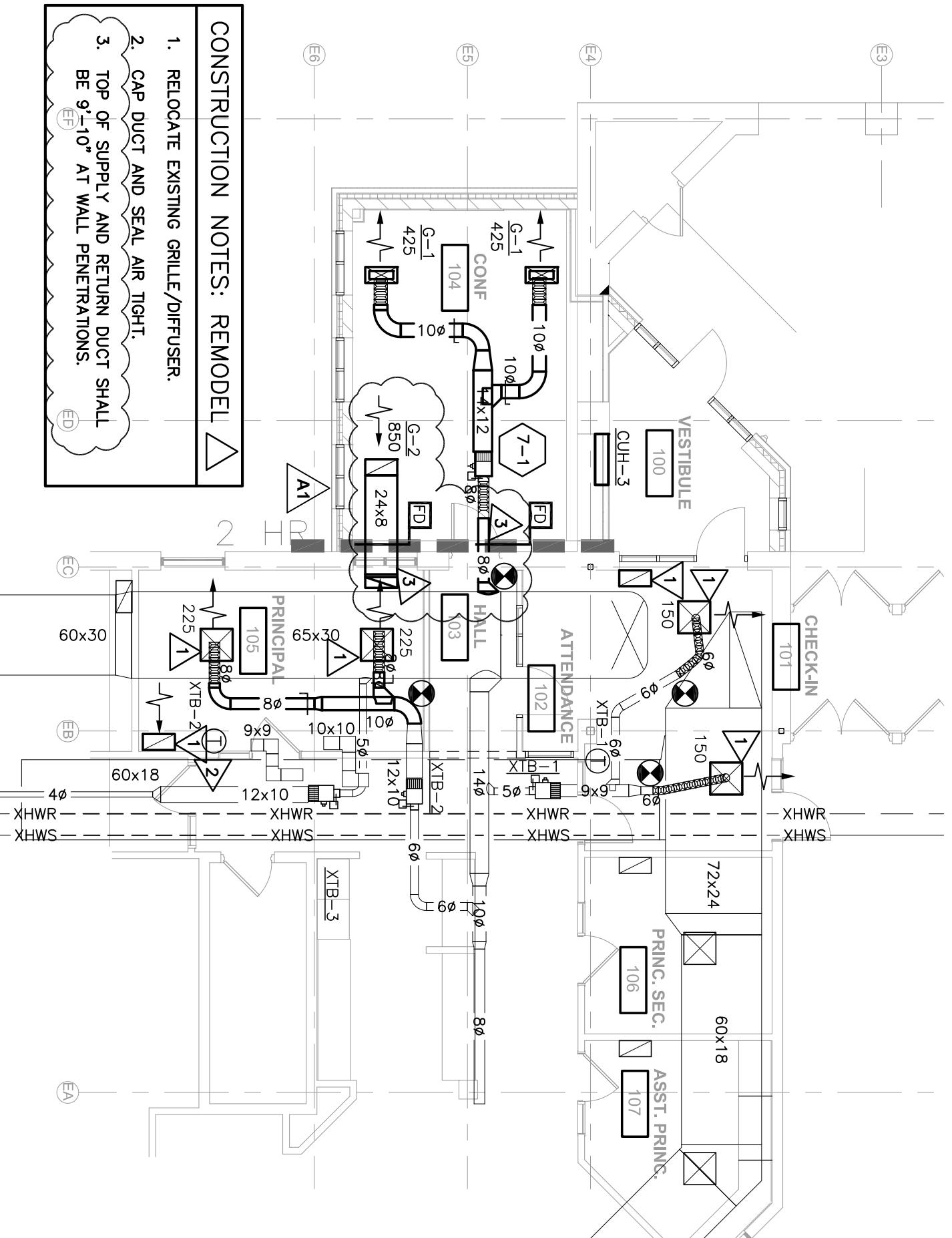
HSR ASSOCIATES INC.
100 MILLWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
WEB SITE: www.hsrasociates.com

SCHOOL DIST. OF HOLMEN
SECURE ENTRANCES

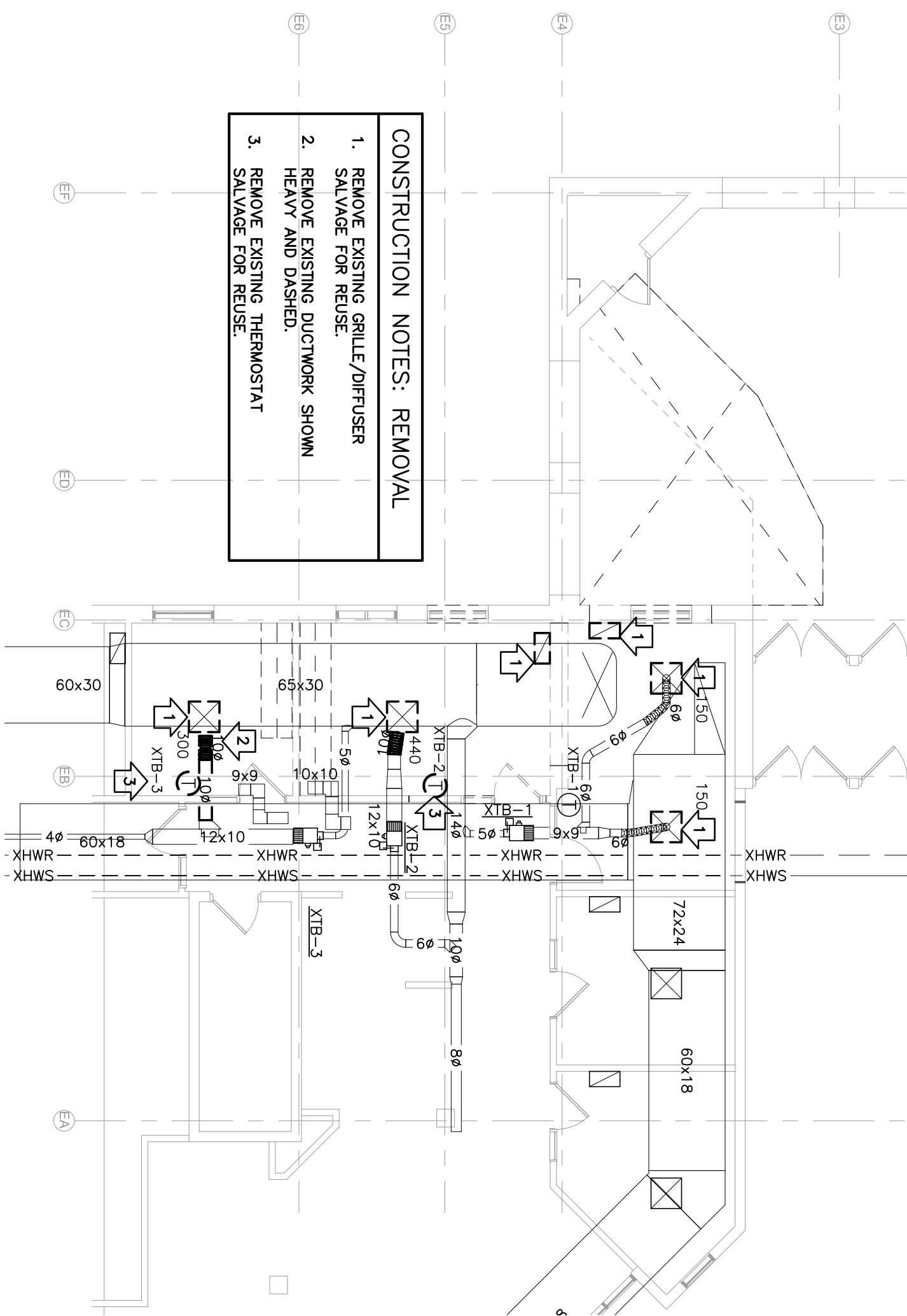
1001 McHUGH ROAD
HOLMEN, WI 54636
HVAC REMOVAL AND REMODEL PLANS



3 TYPICAL RECESSED CABINET HEATER
1-1/8"



2 HVAC REMODEL PLAN
1/8" = 1'-0"



1 HVAC REMOVAL PLAN
1/8" = 1'-0"

UNIT REF.	FIXTURE TYPE	SIZE	LOCATION	DAWPER	NLET SIZE	MODEL	MOUNTING	REMARKS
G-1	SUPPLY	8 X 20	CEILING	YES	6 X 18	SSH	LAY-IN	1,2,3,4,5,6,7
G-2	TRANSFER	12 X 24	CEILING	NO	10 X 22	EGS5	LAY-IN	1,2,3,4,5,6,7

REMARKS:
1. BORDER TYPES SHALL BE COMPATIBLE WITH ARCHITECTURAL CEILING TYPE FOR THE ROOM IN WHICH THE AIR DEVICE IS LOCATED.
2. SEE THE PLANS FOR LOCATION, AIRFLOWS, AND AIR QUANTITIES.
3. ALL AIR DEVICES SHALL BE TESTED IN ACCORDANCE WITH ASHRAE STANDARD 70-91.
4. ALL AIR DEVICES SHALL BE TESTED IN ACCORDANCE WITH ASHRAE STANDARD 70-91.
5. ALL THROW VALUES ARE ISOTHERMAL AND MEASURED IN FEET.
6. ALL PRESSURE VALUES ARE IN INCHES, W.G.
7. FLOWRATE FOR CONTINUOUS LINEAR DEVICES IS IN CFM/FT.

CABINET UNIT HEATER

UNIT TAG	ROOM NUMBER	MBH	MODEL NO.	SIZE	FILL DEPTH	RECESS DEPTH	WAVE	CABINET HIGH	FRONT PANEL SIZE	GFU CFM	HP	REMARKS
CUH-3	VESTIBULE 100	18.2	RFW-350	02	10	9-3/4	38.2	24	41 x 27	1.7	250	1/12(20/1)
												1,2,3,4,5

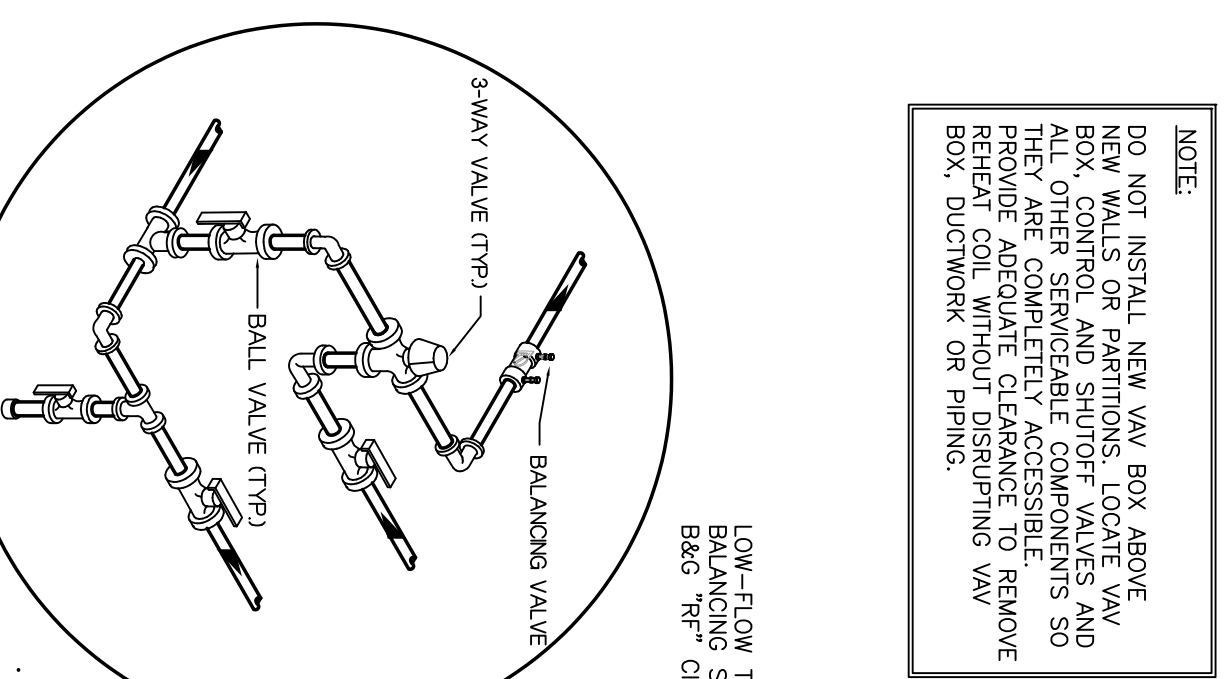
REMARKS:
1. BASED ON PRODUCT BY RITTLING
2. SEE DETAIL, 51100 FOR INSTALLATION
3. PRODUCT IS BASED ON MODEL #1
4. PRODUCT IS BASED ON CONTROL VALVE
5. UNIT SHALL HAVE HIGH STATIC MOTOR.

VAV BOXES

UNIT NO.	SERIES ROOM	MODEL NO.	NLET DUCT SIZE	MAX CFM	COOLING HEATING CFM	AVAILABLE NLET SIZE	MAX DESIGN SP DROP	DOWNSTREAM UNIT DROP	NC LEVEL	COIL SIZING AND CAPACITY DATA	ENT. AIR TEMP.	ROOM HTG SETPOINT	TOTAL MBH	REMARK			
7-1	107108 offices	VCWF	8" x 8"	850	400	400	0.62	0.25	29	2-RW 3.5	3.6	180	159.2	53.0	75	12.67	1, 2, 3

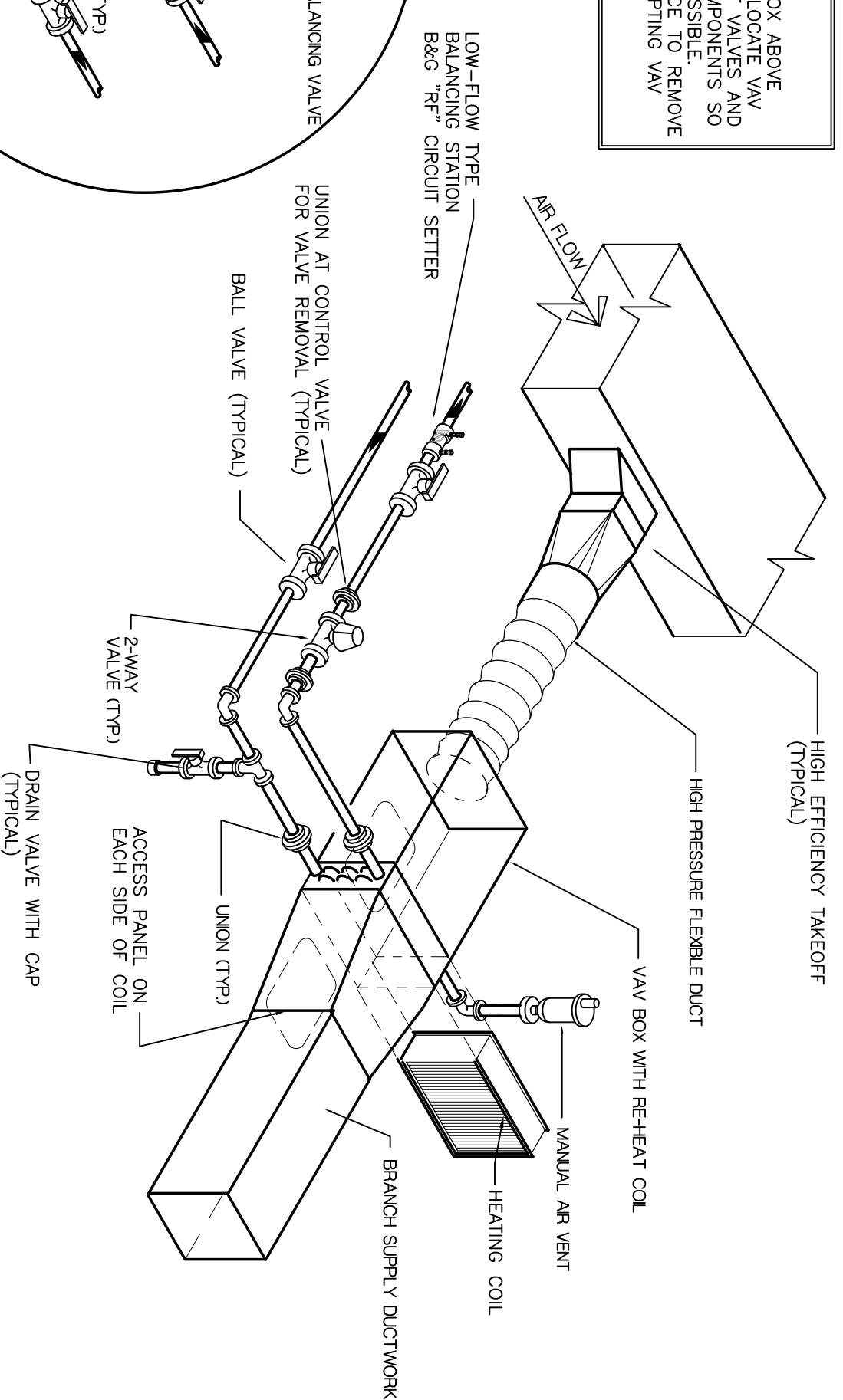
NOTES:
1. DESIGN NLET STATIC PRESSURE IS THE STATIC PRESSURE AVAILABLE SP AT THE BOX NLET IN INCHES WIG FROM STATIC REGAN DESIGN PROGRAM.
2. MAXIMUM UNIT STATIC PRESSURE INCLUDES THE SP DROP THRU THE BOX AT FULL AIR FLOW AS WELL AS THE SP DROP THRU THE REHEAT COIL AT FULL AIR FLOW IN INCHES WIG.
3. HEATING COIL CAPACITY IS DETERMINED AT MINIMUM BOX CFM AND INCLUDES SPACE HEAT LOSS PLUS REHEAT LOAD.

REMARKS:
1. BASED ON PRODUCT BY TRANE
2. UNIT WILL HAVE 2-WAY VALVE SEE DETAIL, 4400



3-WAY VALVE CONTROL ARRANGEMENT WHERE SPECIFIED

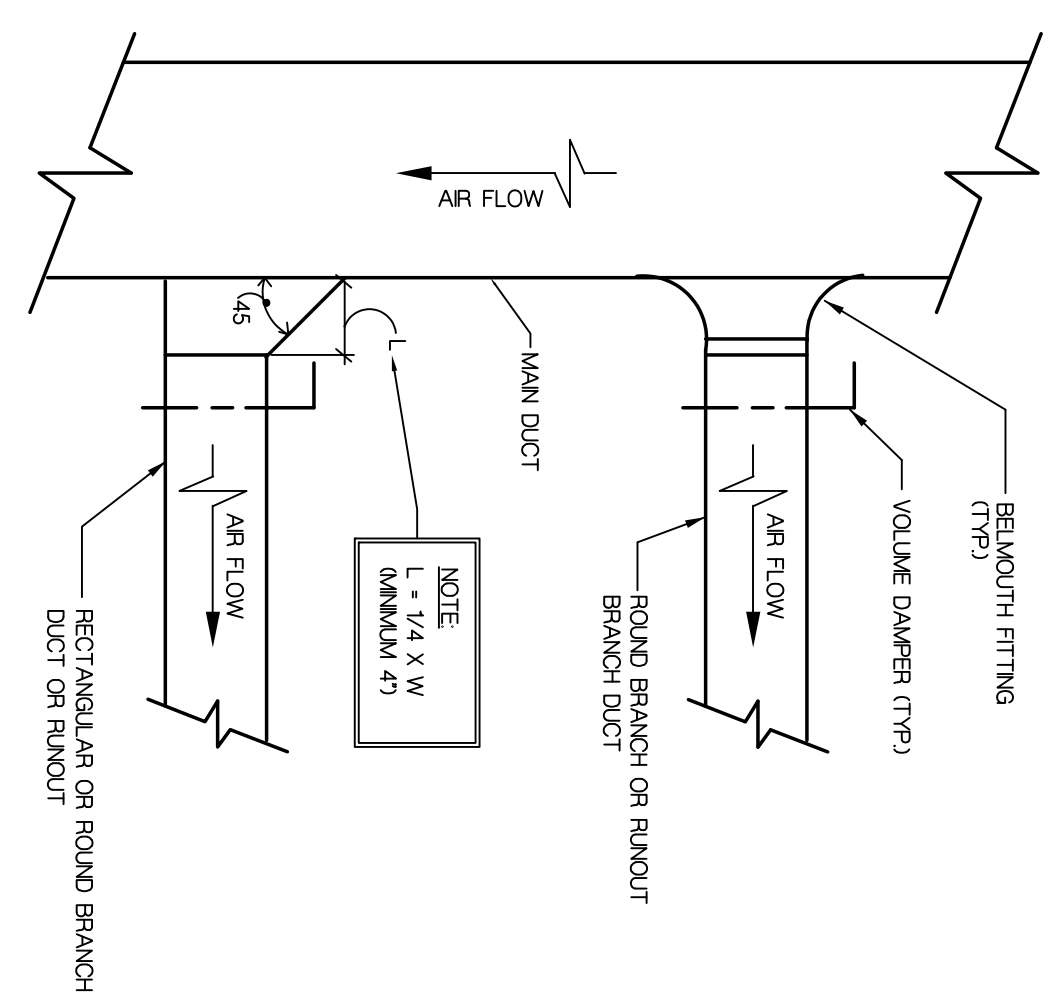
4 DETAIL @ TYPICAL TAKE-OFF TO VAV BOX
NTS



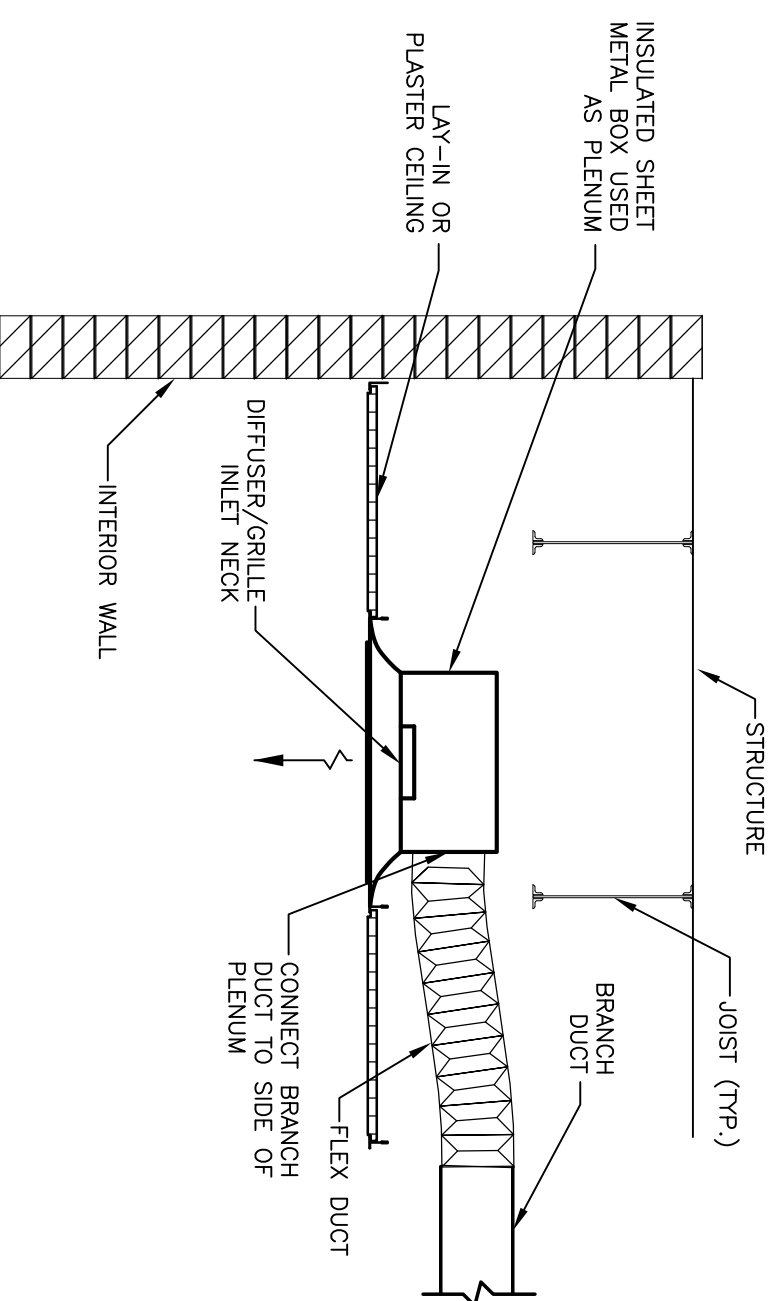
NOTE: PIPING AND DUCTWORK SHALL BE INSULATED PER STATE CODE REQUIREMENTS.

NOTE: REFER TO SCHEDULE FOR UNITS WITH 3-WAY CONTROL VALVES.

5 TYPICAL BRANCH DUCT TAKE-OFF
NTS



NOTE: 1.5" DIA X 1/2" MINIMUM 4"



6 DIFFUSER/GRILLE PLENUM CONNECTION DETAIL
NTS

Revisions:	No.	Description	Date
	A1	ADDENDUM #1	3/17/2018
		VARIES	
			02/28/18