



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ADDENDUM

PROJECT: University of South Dakota
Arts & Sciences
Classroom 22
Vermillion, South Dakota

ADDENDUM NUMBER

AD-3

ISSUED BY:

Matt Metcalf, Architect
Jeff Kulhanek, Mechanical Engineer
Kori Hickle, Electrical Engineer

PROJECT #: 15-0020

DATE ISSUED: Monday, January 19, 2015

This addendum is issued by the Architect to all known bidders before receipt of proposals, for the purpose of explaining, interpreting, or modifying the original plans and specifications. When enumerated by the bidder upon the proposal sheet, the information or instructions given hereon will be equally binding upon all parties as if included in the original plans and specifications.
BIDDER MUST ENTER THE NUMBER OF THIS ADDENDUM ON HIS PROPOSAL SHEET

THE FOLLOWING ITEMS ARE APPLICABLE TO THE SPECIFICATIONS:

AD-3, ITEM 1:

In reference to Specifications, please note the following clarifications:

- 1) The classroom will not be occupied during construction.
- 2) The contractor will be allowed to use the building's existing toilets. All care to maintain cleanliness must be taken.
- 3) Typical work hours are 7:00 a.m. – 5:00 p.m. Provision for working evenings and weekends may be made upon request to USD Project Manager 72 hours prior.
- 4) Coordinate dumpster location with USD Project Manager.
- 5) The racks shown in the middle of the room are IT racks. Installation will be by Owner.
- 6) The existing furnishings will be removed by Owner. The new furnishings will be by Owner.
- 7) The new ceiling height is to match existing. Approximate height is 8:00. Contractor must field verify.
- 8) The existing interior wall finish is drywall.
- 9) Work at USD does not require a building permit.
- 10) Regarding the window blinds. The existing window openings are approximately 48" x 60". Contractor is to field verify all dimensions.

AD-3, ITEM 2:

In reference to Sheet A-101, provide gypsum wall board and metal stud chase to enclose louver. Refer to drawing A-101.1.

AD-3, ITEM 3:

In reference to Sheet M-101, insulate the existing steam and condensate piping as shown on attached drawing M-101.1.

AD-3, ITEM 4:

In reference to Sheet M-601, see changes to the louver, blower coil, condensing unit schedules, and one change to the sequence of operations on attached drawing M-601.1.

AD-3, ITEM 5:

In reference to Sheet E-101, disconnect for BCU-1 shall be 30 amp, 208V, single-phase, fused per manufacturer's recommendation.

AD-3, ITEM 6:

In reference to Sheet E-101, disconnect for CU-1 shall be 60 amp, 208V, single-phase, fused per manufacturer's recommendation.

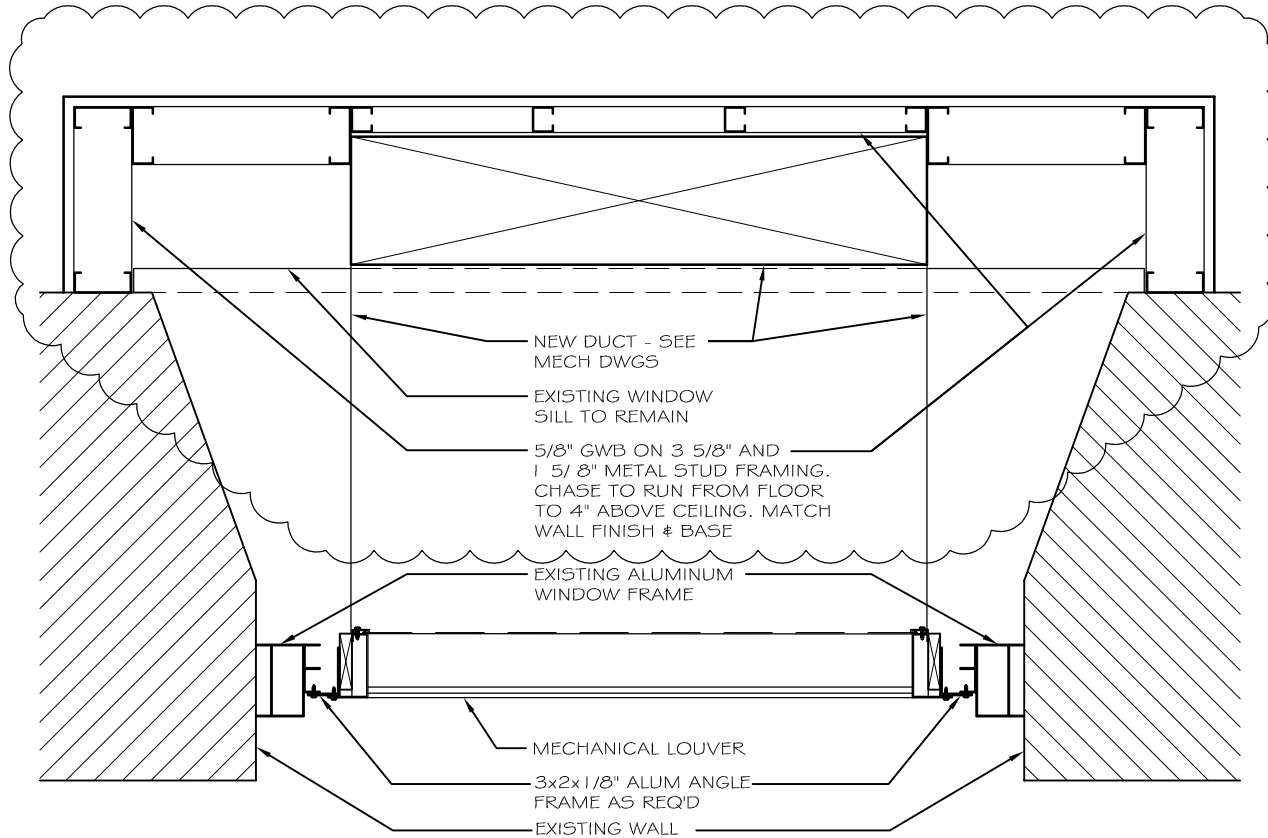
AD-3, ITEM 7:

In reference to Sheet E-101, remove electrical connections to existing window air conditioner.

AD-3, ITEM 8:

In reference to Sheet E-101, add the following to keynote '5': "Breaker made spare from demolition."

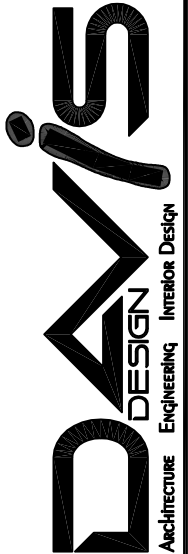
END AD-3



2 LOUVER DETAIL (PARTIAL)
Scale: 3/4" = 1'-0"

Lincoln
1221 N Street, Suite 600
Lincoln NE 68508
Phone 402-476-9700
Fax 402-476-9722

Vermillion
15 East Main, Suite 201
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University of
South Dakota

Arts & Sciences
Classroom 22

Issue Date	01/19/15
Job #	15-0020
Drawn by:	AS
CADD file:	A-101.DWG

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Drawing Title
PARTIAL LOUVER DETAIL -
GWB CHASE

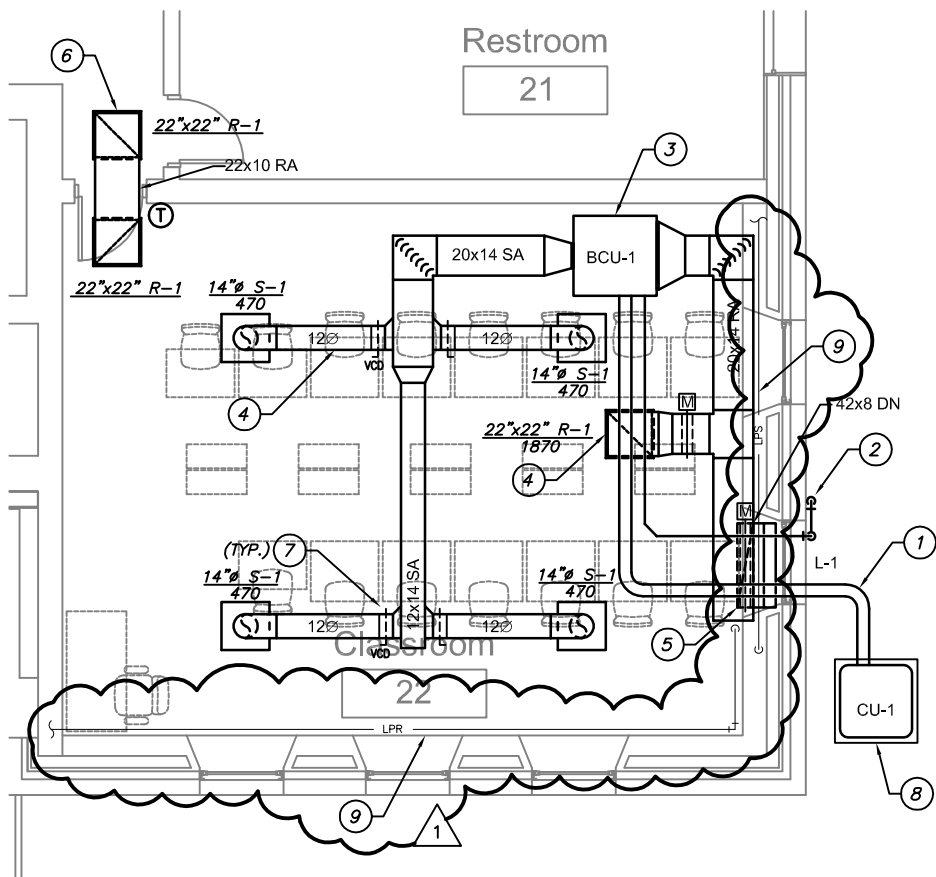
From Sheet: A-101	for CA use:
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Drawing # A-101.1

⑦ TAKE OFF SHALL BE HIGH EFFICIENCY TAKE OFF WITH DAMPER. DAMPER HANDLE SHALL HAVE INSULATION STANDOFF AND QUADRANT LOCK.

⑧ PROVIDE FIBERGLASS PAD BELOW CONDENSING UNIT

⑨ REPLACE EXISTING INSULATION WITH NEW SAME SIZE TYPE II MINERAL FIBER PIPE INSULATION WITH ASJ ON EXISTING STEAM AND CONDENSATE PIPE. CONTRACTOR SHALL FIELD VERIFY PIPE SIZE AND INSULATION THICKNESS.



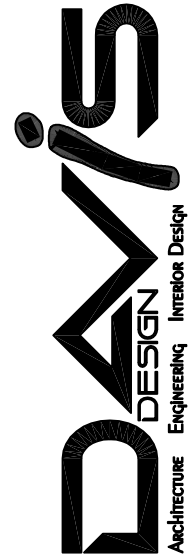
1

Basement Mechanical Plan

Scale: 1/8" = 1'-0"

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Client Information
University of South Dakota
Address
Vermillion, SD

Project Information
Arts & Sciences Classroom 22

Issue Date	01-19-2015
Job #	15-0020
Drawn by:	DRS
CADD file:	M-101

Drawing Title
Basement Mechanical Plan

From Sheet:	M-101	for CA use:
Drawing #	M-101.1	

THE ECONOMIZER SHALL BE ENABLED WHENEVER:

- THE OUTSIDE AIR TEMPERATURE IS LESS THAN 45°F (ADJ.)

THE OUTSIDE AIR DAMPERS SHALL CLOSE AND THE RETURN AIR DAMPER SHALL OPEN WHEN THE UNIT IS OFF.

MINIMUM OUTSIDE AIR VENTILATION - FIXED PERCENTAGE:

THE OUTSIDE AIR DAMPERS SHALL MAINTAIN A MINIMUM POSITION (ADJ.) DURING BUILDING OCCUPIED HOURS AND BE CLOSED DURING UNOCCUPIED HOURS.

FAN STATUS:

THE CONTROLLER SHALL MONITOR THE FAN STATUS.

CONDENSING UNIT / HEAT PUMP SCHEDULE

MARK	LOCATION	SERVES	COOLING COIL AIRFLOW CFM	CAPACITY TONS	ENTERING COIL DB / WB	LEAVING COIL DB / WB	SOUND RATING DBA	EFFICIENCY SEER	ELECTRICAL V / PH / HZ MCA / OCP	OUTDOOR UNIT MANUFACTURER AND MODEL	NOTES
CU-1	OUTSIDE	BCU-1	1,870	5.0	78 / 65	55 / 54	72	13.0	208 / 1 / 60 31 / 50	TRANE 4TZR4060L100A	1,2,3

NOTES:

1. R-410-A REFRIGERANT. 95 DEG F OUTDOOR AMBIENT DRY BULB.
2. PROVIDE FIBERGLASS HOUSEKEEPING PAD BELOW CONDENSING UNIT.
3. PROVIDE SOUND ENCL. OPTION FOR COMPRESSOR.
4. UNIT SHALL BE 2-STAGE.

BLOWER COIL UNIT SCHEDULE

MARK	LOCATION	SERVES	AIRFLOW CFM	EXTERNAL STATIC IN W.C.	OUTSIDE AIRFLOW CFM	ELEC HEAT KW	MOTOR HP	ELECTRICAL V / PH / HZ MCA / OCP	MANUFACTURER AND MODEL	NOTES
BCU-1	CLASSROOM 22	CLASSROOM 22	1,870	0.50	240	-	1.0	208 / 1 / 60 9.66 / 15	TRANE BCHD054B2	1,2,3

NOTES:

1. PROVIDE CONTROLS AS NECESSARY TO ACCOMMODATE CONTROL SEQUENCE LISTED ON DRAWINGS.
2. HORIZONTAL UNIT WITH 2" MERV 8 ANGLED FILTER MIXING BOX. ECM SUPPLY FAN MOTOR. CONTROLS LOCATED ON SIDE OF UNIT. INTERNAL INSULATION SHALL BE FOIL FACED.
3. SEE CONDENSING UNIT SCHEDULE FOR CAPACITY.
4. PROVIDE VINYL FLEXIBLE CONNECTORS AT SUPPLY AND RETURN CONNECTIONS.

LOUVER SCHEDULE

MARK:	L-1
SERVES:	BCU-1
SIZE - W" x H":	36 x 30
AIRFLOW - CFM:	1,870
FREE AREA - SQFT:	3.43
AIR PRESSURE LOSS - IN W.C.:	0.06
POINT OF WATER PENETRATION - FPM:	1,023
DRAINABLE BLADE - Y / N:	Y
EXTENDED SILL - Y / N:	Y
SCREEN - BIRD / INSECT:	INSECT
FINISH:	BANDED ENAMEL
COLOR:	BY ARCHITECT
MANUFACTURER:	RUSKIN
MODEL:	ELF6375DX

1. VERIFY EXACT SIZE REQUIRED TO FIT WINDOW FRAME.

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Issue Date	01-19-2015
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Drawn by:	DRS
CADD file:	M-601

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Drawing Title

Details & Schedules

From Sheet: M-601 for CA use:

Drawing #
M-601.1