



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ADDENDUM

PROJECT: South Dakota State University
New Headhouse & Greenhouse
Headhouse Finish Package
Brookings, South Dakota

ADDENDUM NUMBER

AD-1

ISSUED BY:

Matt Metcalf, Architect
Mike Wachal, Structural Engineer
Bryce Johnson, Mechanical Engineer
Jon Dalton, Electrical Engineer

PROJECT #: 12-0124 / OSE R0312-19X / SDSU 201202336

DATE ISSUED: March 08, 2013

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 GENERAL INFORMATION:

AD-1, ITEM #: 1

Bidders are advised that there may be as much as 2' of frost in the soil below the new concrete floor slab. As such, bidders may need to provide temporary heat to thaw and remove frost for below slab soil and to provide necessary measures to minimize and relieve humidity in the space caused by removal of frost. Soil below the new concrete slab will need to meet compaction and moisture content recommended in the Geotechnical Report bound in the specifications as well as referenced in other sections of the Contract Documents. Top of soil elevation inside the building is 8" below top of new concrete slab.

THE FOLLOWING ITEMS ARE APPLICABLE TO THE SPECIFICATIONS:

AD-1, ITEM #: 2

On page 2 of the Bid Form (Exhibit A) change the date of substantial completion from July 15, 2013 to July 22, 2013.

AD-1, ITEM #: 3

In reference to specification Section 081113 – Hollow Metal Doors and Frames, add West Central Manufacturing as an approved manufacturer under Article 2.1.

AD-1, ITEM #: 4

In reference to specification Section 224000 – Plumbing Fixtures, add the following manufacturer as Article 2.2, Paragraph A, Subparagraph 3, Article 2.5, Paragraph A, Subparagraph 3, Article 2.6, Paragraph A, Subparagraph 2 and Article 2.7, Paragraph A, Subparagraph 4: Zurn.

AD-1, ITEM #: 5

In reference to specification Section 232113 – Hydronic Piping, add the following manufacturers as Article 2.4, Paragraph 3, Subparagraph 2 and 3: Flow Design Inc. and Nexus.

AD-1, ITEM #: 6

In reference to specification Section 232113 – Hydronic Piping, add the following manufacturer as Article 2.5, Paragraph A, Subparagraph 7: Armstrong.

AD-1, ITEM #: 7

In reference to specification Section 232123 – Hydronic Pumps, add the following manufacturer as Article 2.1, Paragraph A, Subparagraph 4: Armstrong.

AD-1, ITEM #: 8

In reference to specification Section 232500 – HVAC Water Treatment, Nuptune and J.L. Wingert are approved for Bypass Filter/Feeders.

AD-1, ITEM #: 9

In reference to specification Section 233423 – HVAC Power Ventilators, add the following manufacturer as Article 2.1, Paragraph A, Subparagraph 8. Aerovent.

AD-1, ITEM #: 10

In reference to specification Section 235100 – Breechings, Chimneys, and Stacks, add the following manufacturer as Article 2.1, Paragraph A, Subparagraph 2. Van Packer.

AD-1, ITEM #: 11

In reference to specification Section 235233 – Water-Tube Boilers, add the following manufacturers as Article 2.1, Paragraph A, Subparagraph 3 & 4: RBI and Camus.

AD-1, ITEM #: 12

In reference to specification Section 237313 – Modular Indoor Central-Station Air-Handling Units, add the following manufacturer as Article 2.1, Paragraph A, Subparagraph 3. Johnson Controls\York.

AD-1, ITEM #: 13

In reference to specification Section 238126 – Split-System Air-Conditioners, add the following manufacturers as Article 2.1, Paragraph A, Subparagraph 3, 4 and 5. Carrier, LG. Daikin.

AD-1, ITEM #: 14

In reference to specification Section 238316 – Radiant-Heating Hydronic Piping, add the following manufacturer as

Article 2.1, Paragraph A, Subparagraph 6: Heat Link.

AD-1, ITEM #: 15

In reference to specification Section 283111 - Digital, Addressable Fire Alarm System, 2.5, C,3, delete note 3 that indicates weatherproof duct housing enclosure.

AD-1, ITEM #: 16

In reference to specification Section 329200 - TURF AND GRASSES, under Article 2.1, Paragraph B, delete sentence under Sub-paragraph 1 and replace with the following: "Provide seed mixture equal to "Quality Sun and Shade" from Millborn Seeds, Inc., Brookings, SD. Refer to drawings for location."

THE FOLLOWING ITEMS ARE APPLICABLE TO THE DRAWINGS:

AD-1, ITEM #: 17

In reference to drawing sheets C-102 and C-103, delete the note indicating underground electrical is to be installed by SDSU and add the following note:

See Sheet E-104 for requirements/notes regarding installation of new underground electrical (UGE) to building area.

AD-1, ITEM #: 18

In reference to drawing sheets C-104, Trench Drain Detail, delete "or isolation joint" at the dowel note.

AD-1, ITEM #: 19

In reference to drawing sheet A-102, make the following changes to the Sculpture Equipment List:

1. Delete the metal lathe (ML) from the list.
2. Revise the Pedestal Belt Sander (PBS) to 120-V cord and plug.

AD-1, ITEM #: 20

In reference to drawing sheet A-103, at Details 3 and 4, note that the vapor barrier is to be minimum 6 mil poly.

AD-1, ITEM #: 21

In reference to drawing sheet A-104, add the following note's to enlarged toilet plan:

1. Provide blocking on east wall opposite of sink (both Rooms 106 and 108) for paper towel dispenser.
2. Provide in-wall blocking for all CF/CI or OF/OI toilet accessories.

AD-1, ITEM #: 22

In reference to drawing sheet A-104, A-301, and A-302, all paint grade 1x wood trim is to be poplar.

AD-1, ITEM #: 23

In reference to drawing sheet A-105-reference attached drawing A-105.1 which notes the roof penetrations for plumbing and mechanical vent thru's. Field verify existing metal building roof structure. Coordinate with plumbing and mechanical plans for necessary connections.

AD-1, ITEM #: 24

In reference to drawing sheet A-101-reference the attached drawing A-101.1 for revisions to walls and sink locations. Reduce West wall of Room Photo 110 to 2'-6". Remove walls South and West of Column on Grid Lines A and 3. Rotate sink to be on south wall as shown. See Plumbing revisions in this addenda for revised piping plans.

AD-1, ITEM #: 25

In reference to drawing sheet P-101 and P-501, reference attached sketches P-101.1, P-101.2, P-501.1 and P-501.2 for revisions to plumbing plans.

AD-1, ITEM #: 26

In reference to drawing sheet M-101, keyed note 1, shall be revised to read, "6 INCH EXHAUST DUCT FOR CLAY MIXER EXHAUST HOOD AND FAN CONNECTION AT 8 FOOT AFF, COORDINATE CONNECTION WITH OWNER. ROUTE DUCT TO EXHAUST LOUVER PLENUM AS SHOWN, LAPS IN DUCT CONSTRUCTION SHALL BE IN THE DIRECTION OF AIRFLOW."

AD-1, ITEM #: 27

In reference to drawing sheet M-101, keyed note 2, shall be revised to read, "8 INCH EXHAUST DUCT FOR KILN RESIDUAL HOOD AT 8 FOOT AFF, COORDINATE CONNECTION WITH OWNER. ROUTE DUCT TO EF-2 AND CONTINUE TO EXHAUST LOUVER PLENUM AS SHOWN. EXHAUST FAN TO BE INTERLOCKED WITH KILN SWITCH, REFERENCE ELECTRICAL PLANS."

AD-1, ITEM #: 28

In reference to drawing sheet M-101, keyed note 3, shall be revised to read, "8 INCH INSIDE DIAMETER POSITIVE PRESSURE FLUE FOR KILN COMBUSTION HOOD AT 6 FOOT AFF, COORDINATE CONNECTION WITH OWNER. ROUTE THROUGH ROOF WITH PITCHED FLASHING AND STORM COLLAR. TERMINATE MINIMUM 3 FOOT ABOVE ROOF PER INSTALLATION AND CODE REQUIREMENTS WITH STACK CAP. ONE 30 INCH ADJUSTABLE PIPE SECTION SHALL BE INSTALLED IN RISER WHICH WHEN FULLY EXTENDED PUTS THE BOTTOM OF THE DUCT AT 6 FOOT AFF AND ADJUSTABLE UPWARD AS REQUIRED. FLUE SHALL BE RATED FOR POSITIVE PRESSURE DUE TO FUTURE POSSIBLE OPERATION, REFERENCE SPECIFICATION SECTION 235100."

AD-1, ITEM #: 29

In reference to drawing sheet M-101, keyed note 4, shall be revised to read, "4 INCH EXHAUST DUCT FOR KILN EXHAUST SYSTEM AT 8 FOOT AFF, COORDINATE CONNECTION WITH OWNER. ROUTE DUCT TO EXHAUST LOUVER PLENUM AS SHOWN, LAPS IN DUCT CONSTRUCTION SHALL BE IN THE DIRECTION OF AIRFLOW."

AD-1, ITEM #: 30

In reference to drawing sheet M-101, keyed note 14, Kleen Aire is an approved manufacturer for the filter bank.

AD-1, ITEM #: 31

In reference to drawing sheet E-101, see attached Supplemental Drawing E-101.1 for fixture changes.

AD-1, ITEM #: 32

In reference to drawing sheet E-102, **General and Keyed Power Notes**, Delete general note 16. Delete keyed note 7 and telephone symbol with key note 7 from fire alarm panel in Mezzanine.

AD-1, ITEM #: 33

In reference to drawing sheet E-102, **General Note 5**, Add to note "Coordinate final location of electrical connections and drop cords with the owner. Provide 4' loop on all drop cords."

AD-1, ITEM #: 34

In reference to drawing sheet E-102, **Keyed Power Note 3**, Change conduit from a 4" to a 2" size.

AD-1, ITEM #: 35

In reference to drawing sheet E-103, Delete fire alarm device in Photo 110 Room. Change key note 2 to read "Alarms and troubles are to be reported to University Police through BAS."

AD-1, ITEM #: 36

In reference to drawing sheet E-104, **Keynote 3**, Add to end of note. "Size hand-hole per NEC code."

AD-1, ITEM #: 37

In reference to drawing sheet E-104, **Keynote 2 and 5**, Add to end of both keynotes "one conduit is spare with pullwire."

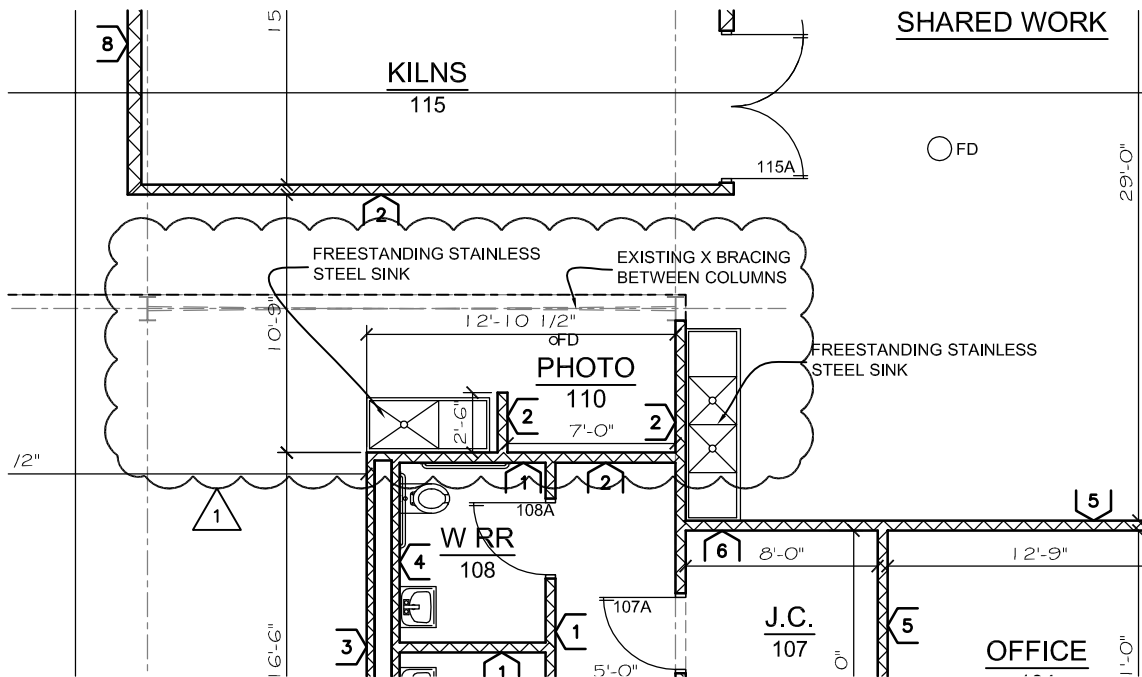
AD-1, ITEM #: 38

In reference to drawing sheet E-601, **Lighting Fixture Schedule Other Manufacturers**, Add LSI to approved equal for all light fixtures. Add the other manufacturers to light fixture S1 as approved equal.

AD-1, ITEM #: 39

In reference to drawing sheet E-601, **Shop Equipment Schedule**, Add to Remarks notes 1,2, and 3 "Provide 4' loop on drop cord."

END AD-1



1

First Floor Plan

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

FD = FLOOR DRAIN

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Fax 402-476-9722

Vermillion
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Vermillion SD 57069
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Client Information

SDSU
South Dakota
State University
Brookings, South Dakota

Project Information

**New Headhouse &
Greenhouse - Interior**
Finish Package
job number 12-0124

Issue Date	03-08-2013
Job #	12-0124
Drawn by:	acs
CADD file:	A-101

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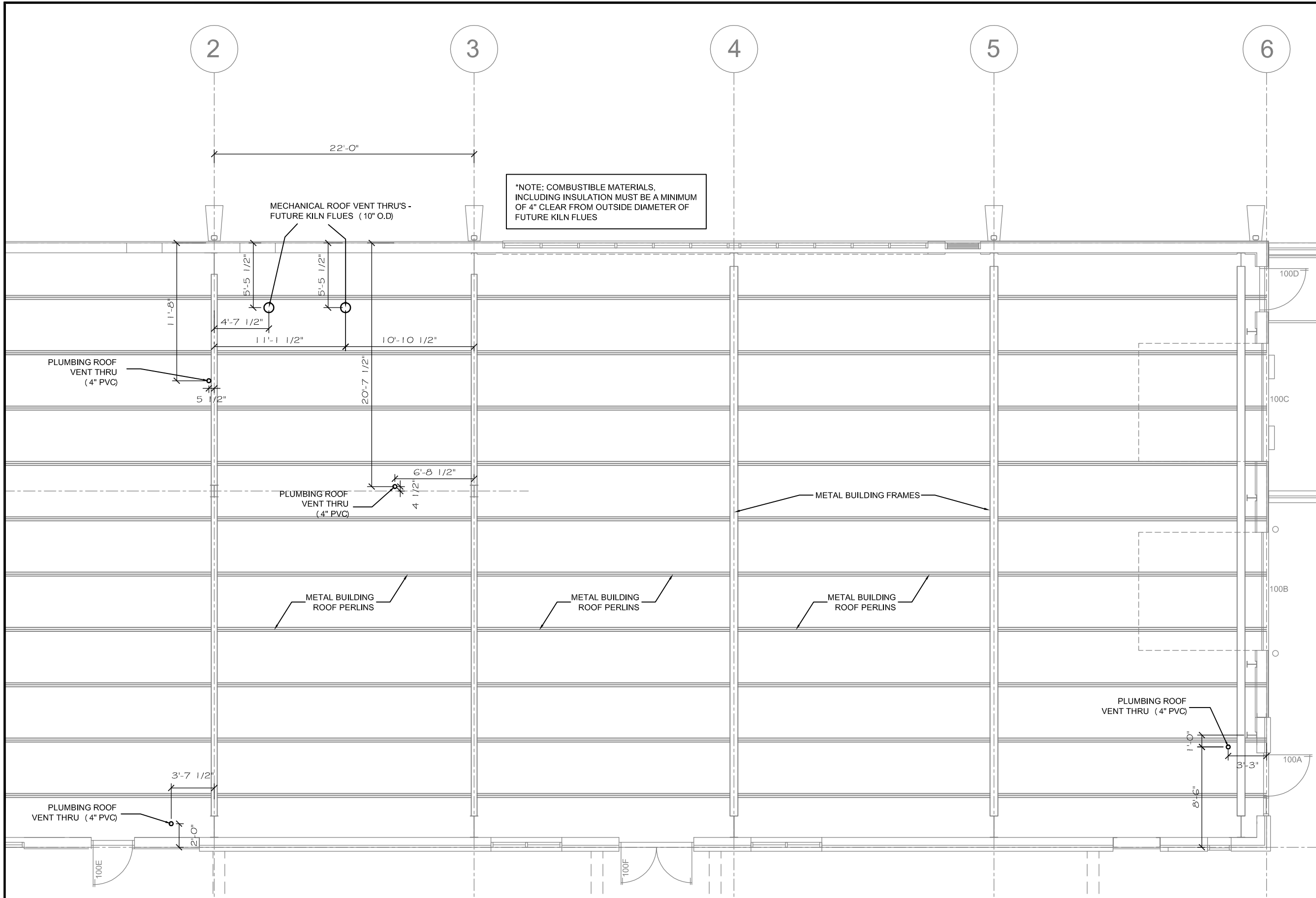
Drawing Title

First Floor & Mech Level Plan
w/ Schedules.

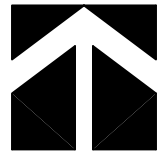


From Sheet: **A-101** for CA use:

Drawing #
A-101.1



*NOTE: COMBUSTIBLE MATERIALS, INCLUDING INSULATION MUST BE A MINIMUM OF 4\"/>



1

Roof Penetration Plan

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

OVERSIZE PENETRATIONS AS NECESSARY FOR SPECIFIED DIAMETERS (NOT EXCEEDING 1" LARGER THAN SPECIFIED 4"/10" DIAMETERS)

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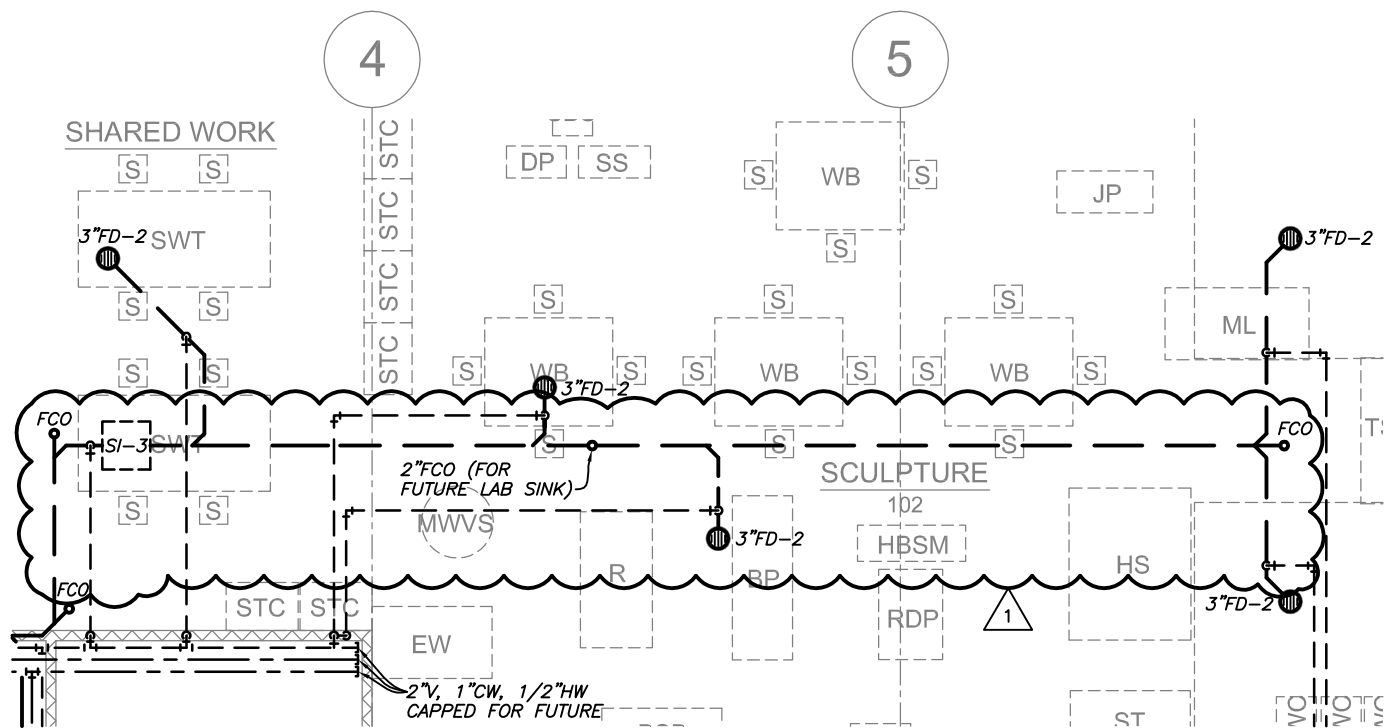
Client Information
SDSU
 South Dakota
 State University
 Brookings, South Dakota

Project Information
**New Headhouse &
 Greenhouse - Interior
 Finish Package**
 job number 12-0124

Issue Date	03-07-2013
Job #	12-0124
Drawn by:	acs
CADD file:	A-105_cellingpenetrations
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Drawing Title
**Roof Penetration Plan
 for Vent Thru's**

From Sheet:	N/A	for CA use:
Drawing #	A-105.1	



1

First Floor Plumbing Plan

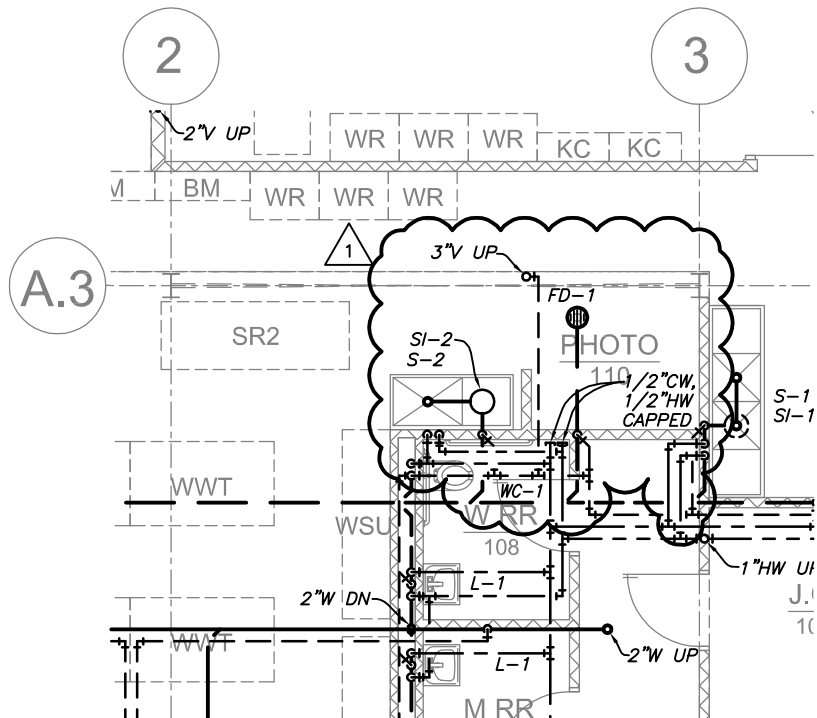
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Client Information	
SDSU South Dakota State University Brookings, South Dakota	
Project Information	
New Headhouse & Greenhouse - Interior Finish Package job number 12-0124	
Issue Date	03/08/2013
Job #	12-0124
Drawn by:	EMA
CADD file:	P-101.dwg
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Drawing Title	
First Floor Plumbing Plan	
From Sheet:	for CA use:
P-101	
Drawing #	
P-101.1	



1

First Floor Plumbing Plan

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

1 03/08/2013 AD-1

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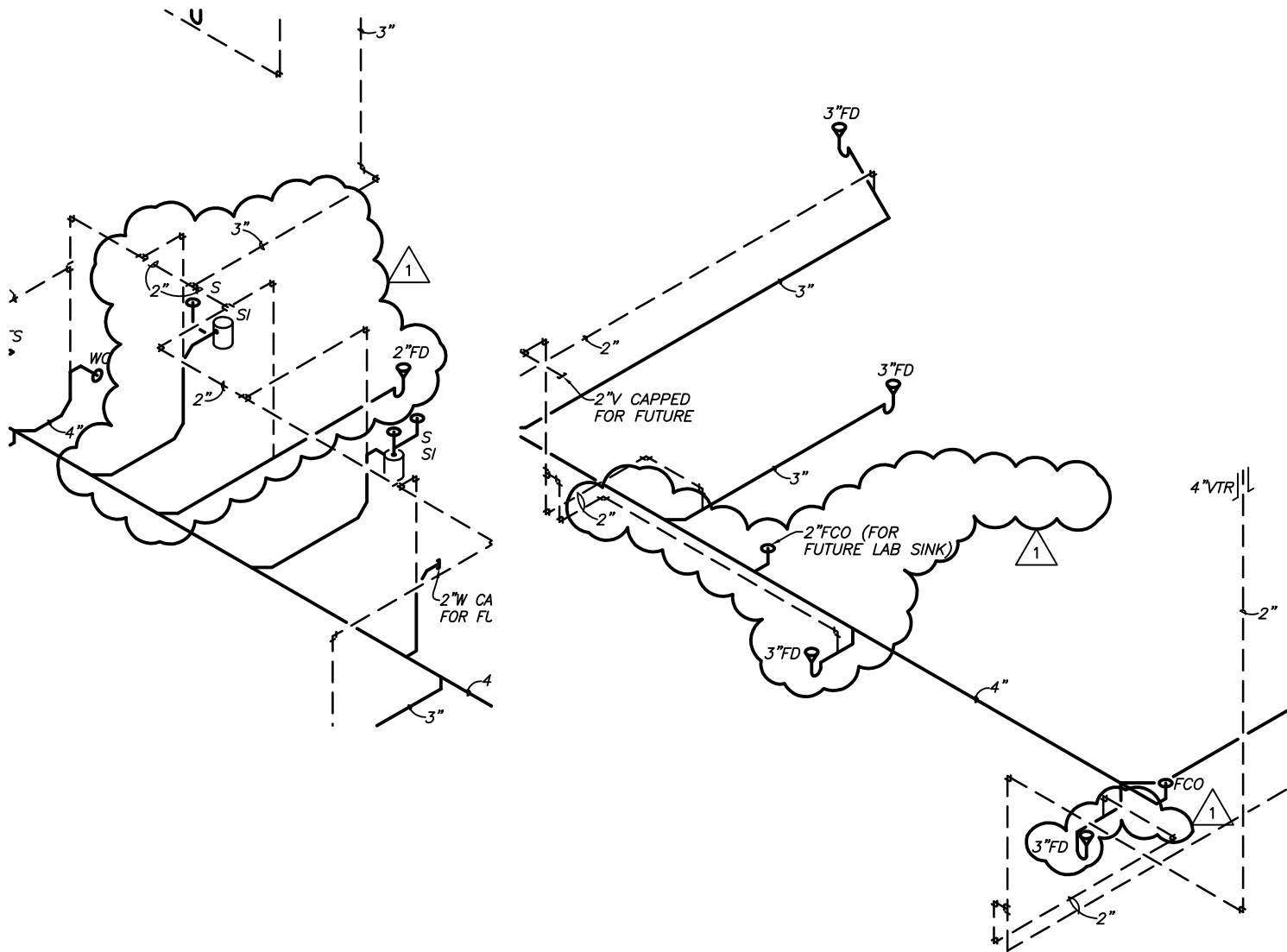
Issue Date	03/08/2013
Job #	12-0124
Drawn by:	EMA
CADD file:	P-101.dwg

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Drawing Title
 First Floor Plumbing Plan

From Sheet: P-101 for CA use:

Drawing #
 P-101.2



8

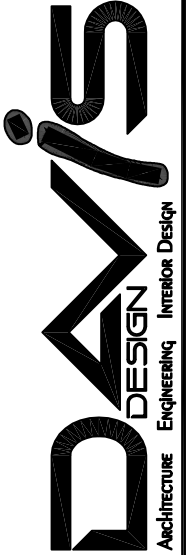
Waste Isometric

Scale: NOT TO SCALE

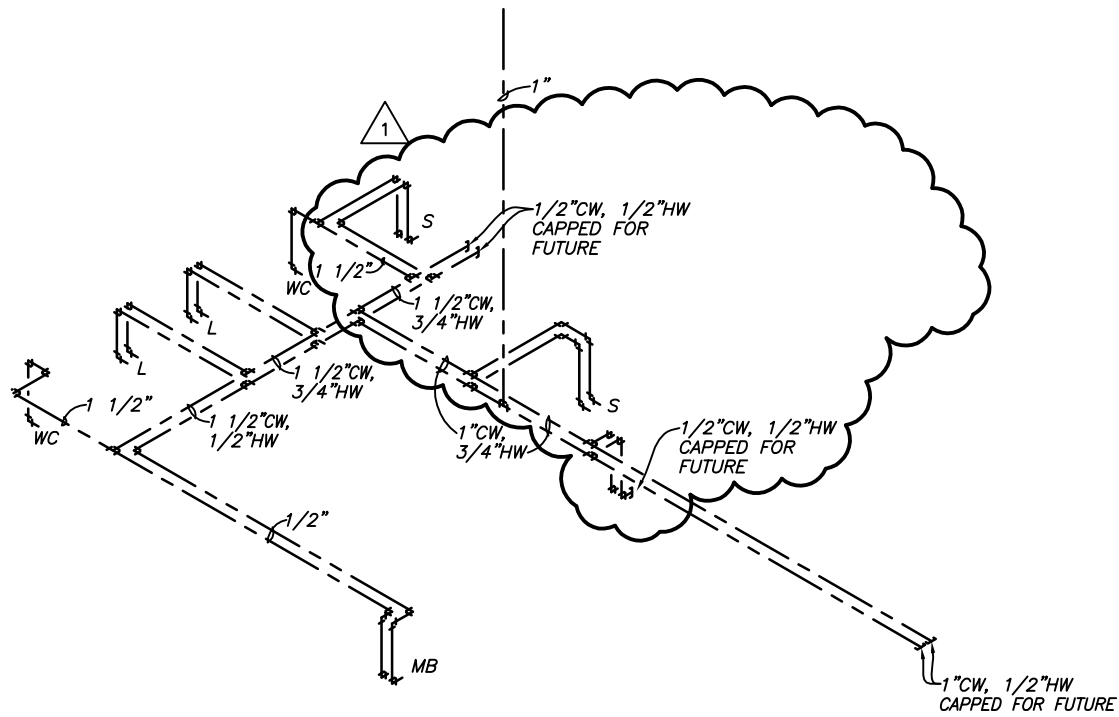
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Drawing Title	
Plumbing Waste Isometric	
From Sheet:	for CA use:
P-501	
Drawing #	
P-501.1	



7

Water Isometric

Scale: NOT TO SCALE

1 03/08/2013 AD-1

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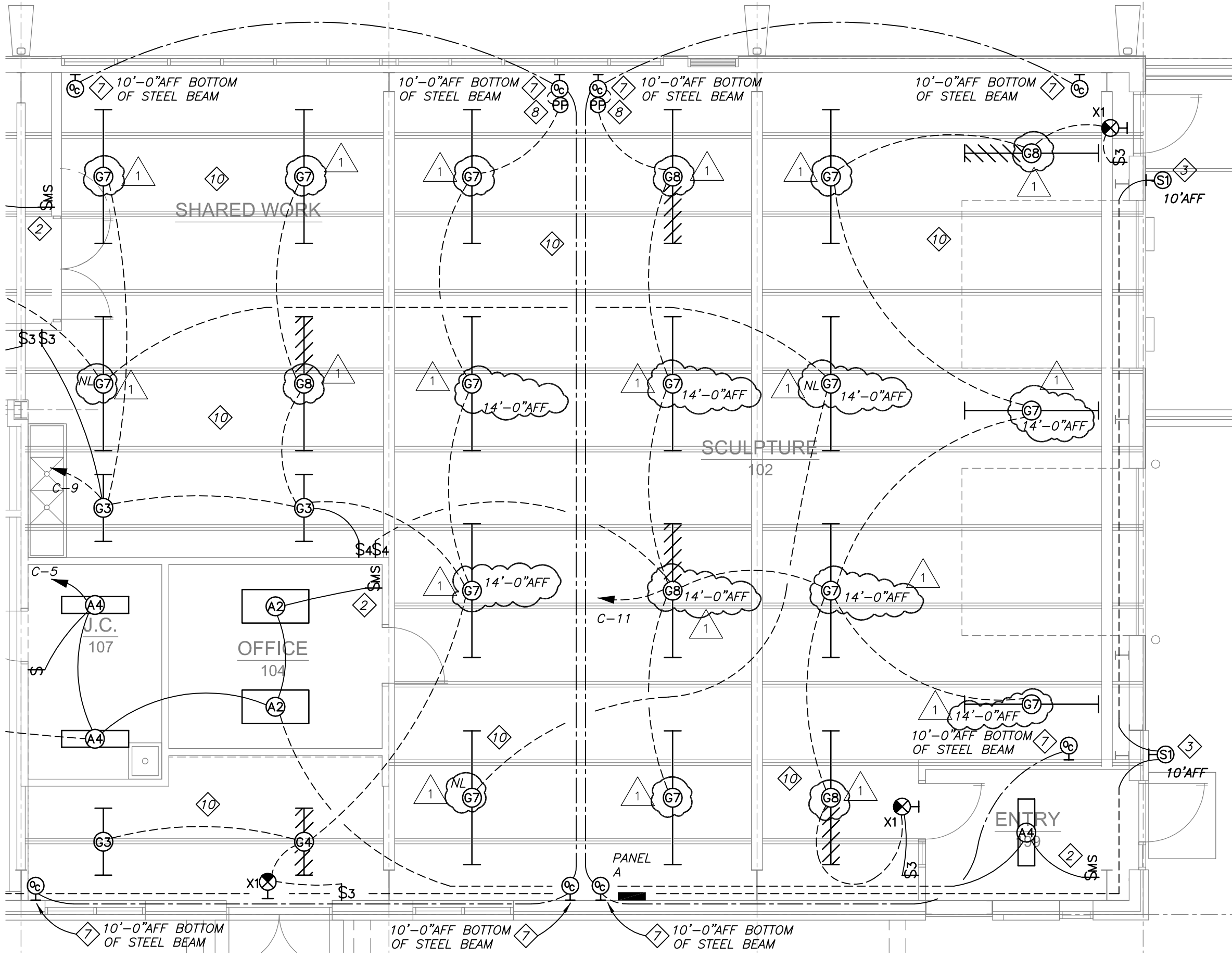
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Finish Package
job number 12-0124

Issue Date	03-08-2013
Job #	12-0124
Drawn by:	EMA
CADD file:	P-501.dwg

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Drawing Title
Plumbing Water Isometric

From Sheet: P-501	for CA use:
Drawing # P-501.2	



This document originally issued and sealed by:

Jon P. Dalton
Registered Professional Engineer
8412
on: 02-14-2013

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Brookings, South Dakota

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Drawn by:	DCT
CADD file:	
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Drawing Title
Fixture Type Modifications

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



1 First Floor Plan - Lighting
Scale: 1/8" = 1'-0"

03/04/2013 ADDENDUM 1