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ADDENDUM

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

ADDENDUM NUMBER

AD-1

ISSUED BY:

Matt Metcalf, Architect
Mike Wachal, Structural Engineer

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

DATE ISSUED: Wednesday, October 3, 2012

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-1, ITEM 1:

As a matter of clarification, the General Conditions of the State of South Dakota will take precedence over General Requirements - Division 01, in case of any conflicts.

AD-1, ITEM 2:

In reference to specification Section 003132 - Geotechnical Data, see attached Page 8 of the Geotechnical Report which was inadvertently left our when printed in the specifications.

AD-1, ITEM 3:

In reference to specification Section 133419 - Metal Building Systems, make the following changes:

On Page 133419-3, under Article 2.1, Paragraph A, add sub-paragraph 8 identifying Metallic Building Company as an approved manufacturer.

On Page 133419-6, under Article 2.7, Paragraph A, add the following:

"Provide manufacturer's standard 1 inch thick thermal blocks at roof purlins. Provide 1 inch thick thermal blocks at sidewall girts equal to Snap-R by Johns Manville or Sealed "N" safe-performer."

On Page 133419-13, under Article 3.6, Paragraph C, add the following:

Blanket wall insulation is over or past the girt with thermal block installation.

THE FOLLOWING ITEMS ARE APPLICABLE TO THE DRAWINGS:

AD-1, ITEM 4:

In reference to the Title Block on all drawing sheets, disregard the address "300 Sioux Valley Drive, Cherokee, IA 51012" as this address does not apply to this project.

AD-1, ITEM 5:

In reference to Sheet S-001, make the following changes:

See attached 8.5 x 11 Supplemental Drawing S-001.1 showing revisions to Detail 1.

Disregard Details 2 and 3.

Note that Detail 6 is to apply t door openings and window frames extending to the floor.

Top of footing elevation at Detail 7 is to be Elevation 99' - 4" in lieu of 99' - 3". In addition, wall construction shown on top of this footing is more accruately iondicated on Detail 4a on Sheet S-501. All other notes and information on Detail 7 apply.

AD-1, ITEM 6:

In reference to Sheet S-101, make the following changes:

Between column lines 2 and 3 on grid A, change the detail reference 6/S-001 to 4/S-501.

On Grid Line A, just before column line 3, add detail reference 4a/S-501 next to Detail reference 7/S-001.

Add a 16" D concrete pier 4' - 0" deep at the bottom edge of the dock metal stair at the outside stringer. Top of pier to be 96' - 9".

Provide four #4 bars with #3 ties at 12" on center.

AD-1, ITEM 7:

In reference to Sheet S-202, change Note 1 to read "See Sheet S-201 for gravity loads."

AD-1, ITEM 8:

In reference to Sheet S-501, make the following changes:

At Detail 1, the top of the 10" concrete wall is to be at elevation 100' - 0" not 99' - 4".

In the Column Pad Footing and Pier Schedule, at Pad A, delete A-6 in the grid location column.

In the Column Pad Footing and Pier Schedule, at Pad C, change the size from 3' - 0" by 3' - 0" by 1' - 0" deep to 8' - 0" by 8' - 0" by 3' - 4" deep.

In the Column Pad Footing and Pier Schedule, at Pad D, add A-6 in the gird location column.

In the Column Pad Footing and Pier Schedule, at Pad 9, change the footing size depth from 1' - 0" to 3' - 4".

At Details 4 and 4a, note that the bottom course of CMU is to be a knock-out bond beam 6" or 8" wide, depending upon wall condition with a continuous #4 bar horizontal.

AD-1, ITEM 9:

In reference to Sheet A-103, see attached 8.5" x 11" Supplemental Drawing A-103.1 showing revisions to roof canopy over Door 100A.

AD-1, ITEM 10:

In reference to Sheet A-201, make the following revisions:

At all elevation drawings, change top of roof elevation from 131' - 0" to 125' - 0". Change mechanical level elevation from 117' - 1" to 111' - 0". Change first floor elevation from 106' - 0" to 100' - 0". Change top of CIP concrete wall elevation from 108' - 4" to 102' - 4". These elevation changes will coincide with elevations noted on structural drawings.

See attached 8.5" x 11" Supplemental Drawing A-201.1 showing revisions to the north elevation.

See attached 8.5" x 11" Supplemental Drawing A-201.2 showing revisions at the canopy or the east elevation.

AD-1, ITEM 11:

In reference to Sheet A-302, make the following changes:

On the building section on the left-hand side of the page, add the title "3 Building Section."

In reference to Building Section 2, delete the wall section reference 2/A-303 at Column Grid Line A and replace in the lower section of the same wall, detail reference 7/A-303 issued as a new detail in this addendum.

AD-1, ITEM 12:

In reference to Sheet A-303, make the following changes:

See attached 8.5" x 11" Supplemental Drawing A-303.1 showing revisions at the floor construction at Wall Section 5. Note: The cast-in-place concrete curb occurs only at door openings and window frames extending to the floor.

See attached 8.5" x 11" Supplemental Drawing A-303.2 showing new lower wall detail.

See attached 8.5" x 11" Supplemental Drawing A-303.3 showing new detail at door threshold.

See attached 8.5" x 11" Supplemental Drawing A-303.4 showing changes to the roof canopy at Wall Section 5.

See attached 8.5" x 11" Supplemental Drawing A-303.5 showing changes to the canopy at Detail 6.

AD-1, ITEM 13:

In reference to Sheet A-304, see attached 8.5" x 11" Supplemental Drawing A-304.1 showing revisions to Stair Section 3.

AD-1, ITEM 14:

In reference to Sheet A-601, see attached 8.5" x 11" Supplemental Drawing A-601.1 showing revisions to the louvers and aluminum frame Elevation 03.

END AD-1

conditions. However, this alternative does involve more risk of building movement and damage than the drilled pier and structural floor system.

Site Preparation

Excavation

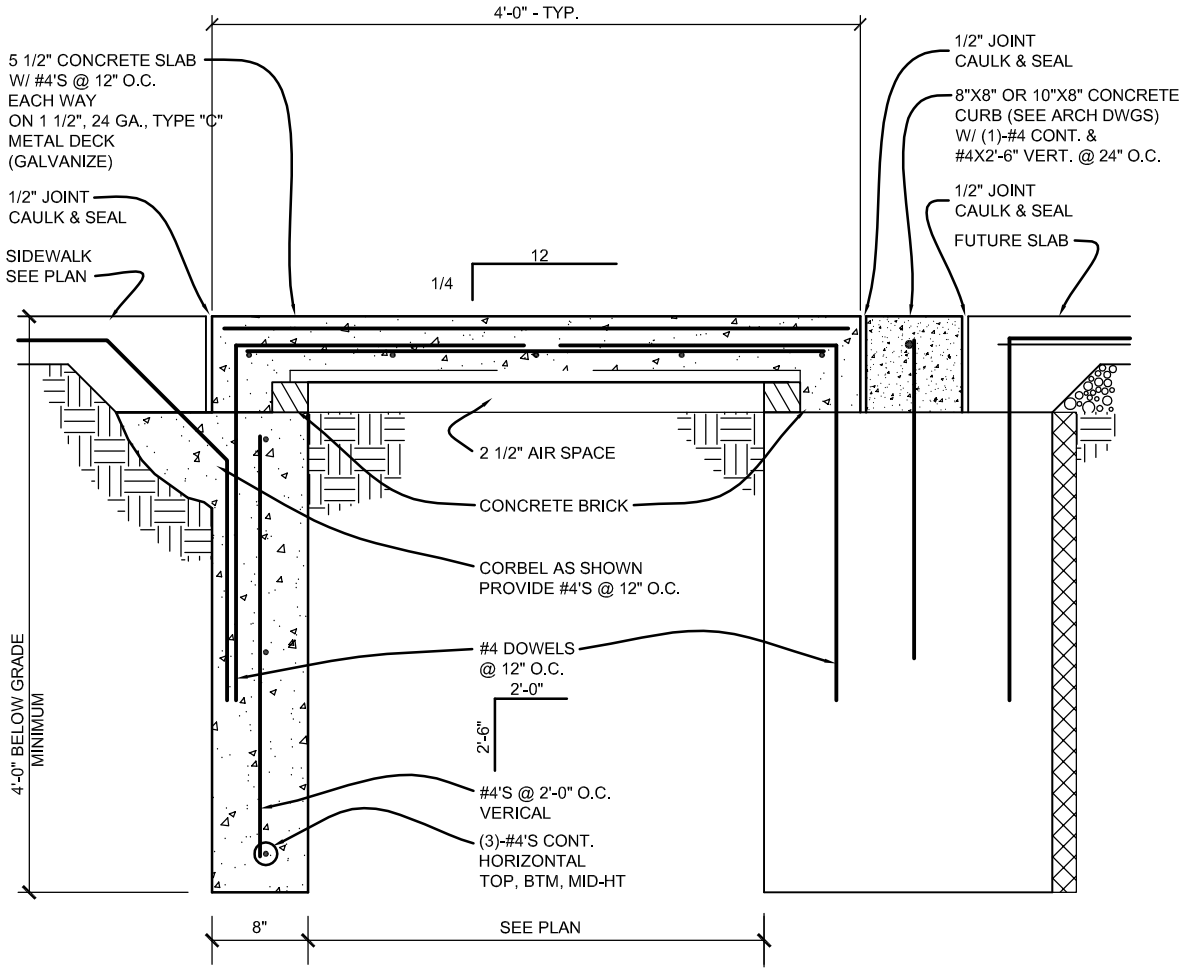
We recommend that site preparation for footings consists of completely removing the topsoil materials. In order to reduce the risk of movement and damage due to expansion of the fat clay soils, we recommend further excavating to a minimum depth of 2 feet below the bottom of all footings. This procedure should be followed by placing a minimum of 2 feet of granular structural fill beneath the footings.

The bottom of the foundation excavations should be laterally oversized one foot beyond the edges of the footing for each vertical foot of structural fill required below the footing (1 horizontal : 1 vertical).

We recommend that site preparation for the floor slab consist of completely removing the topsoil materials. In order to reduce the risk of movement and damage due to expansion of the fat clay soils, we recommend further excavating to a minimum depth of 3 feet below the bottom of the floor slab. This procedure should be followed by placing a minimum of 3 feet of granular structural fill beneath the floor slab.

The soils encountered at the boring locations are susceptible to disturbance and can experience strength loss caused by construction traffic and/or additional moisture. Precautions will be required during earthwork activities in order to reduce the risk of soil disturbance. The excavation should be performed with a track-driven excavator (backhoe) having a smooth cutting edge on the bucket to minimize soil disturbance.

The risk of soil disturbance increases significantly with additional moisture and the presence of water. Based on the groundwater measurements, water may enter the excavations as a result of subsurface water. In addition, precipitation and surface run off water may also enter the excavation. Where clay soils are encountered, it will likely be possible to remove and control



1 **Frost Slab Detail**

Scale: No Scale

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South Dakota State University

Project Information

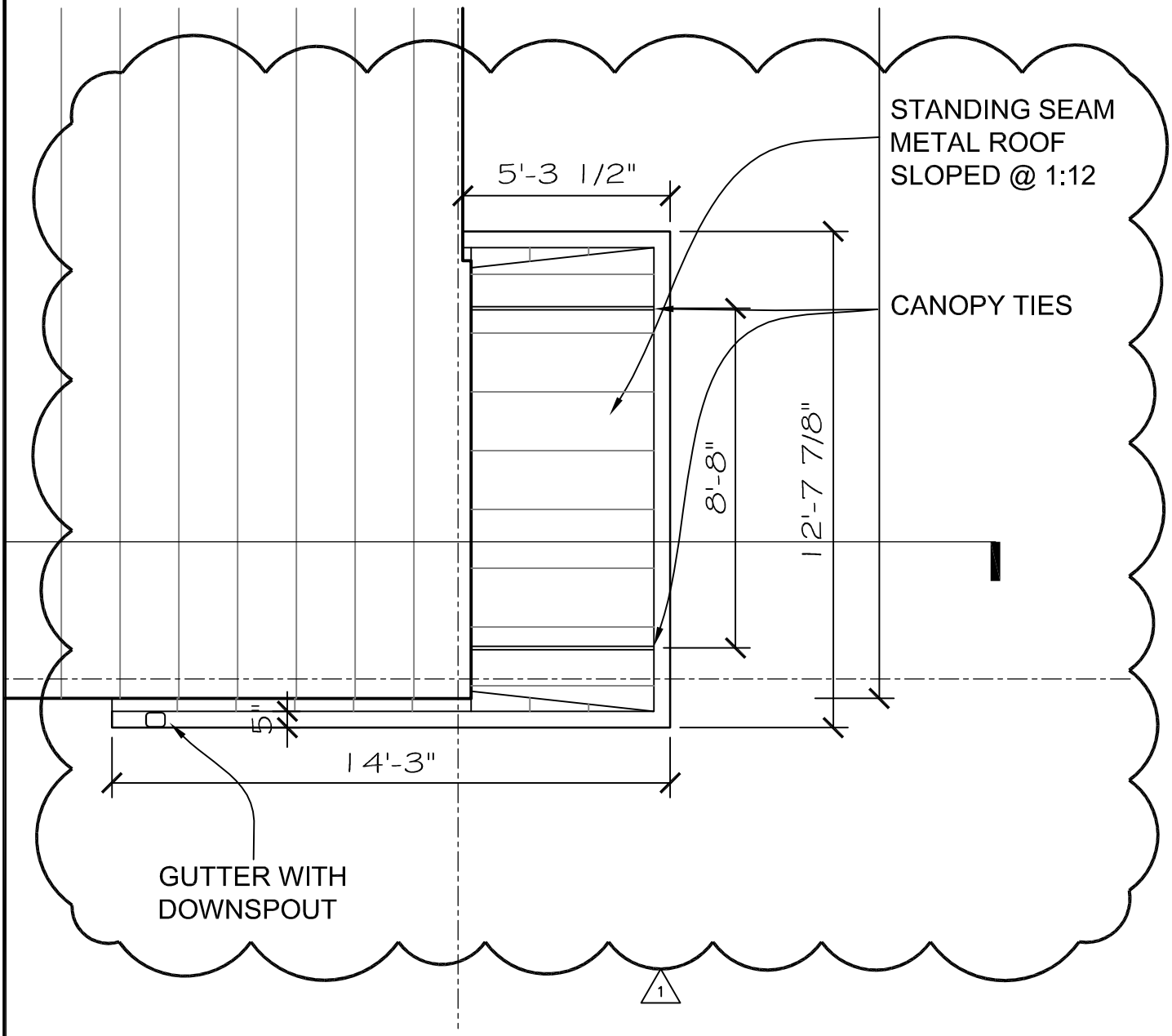
New Headhouse & Greenhouse - Headhouse Shell Package

Issue Date	10-03-2012
Job #	12-0124
Drawn by:	
CADD file:	S-001.DWG

Drawing Title

Revised Frost Slab Detail 1

From Sheet: S-001	for CA use:
Drawing # S-001.1	



1 Partial Roof Plan

Scale: 1/4" = 1'-0"

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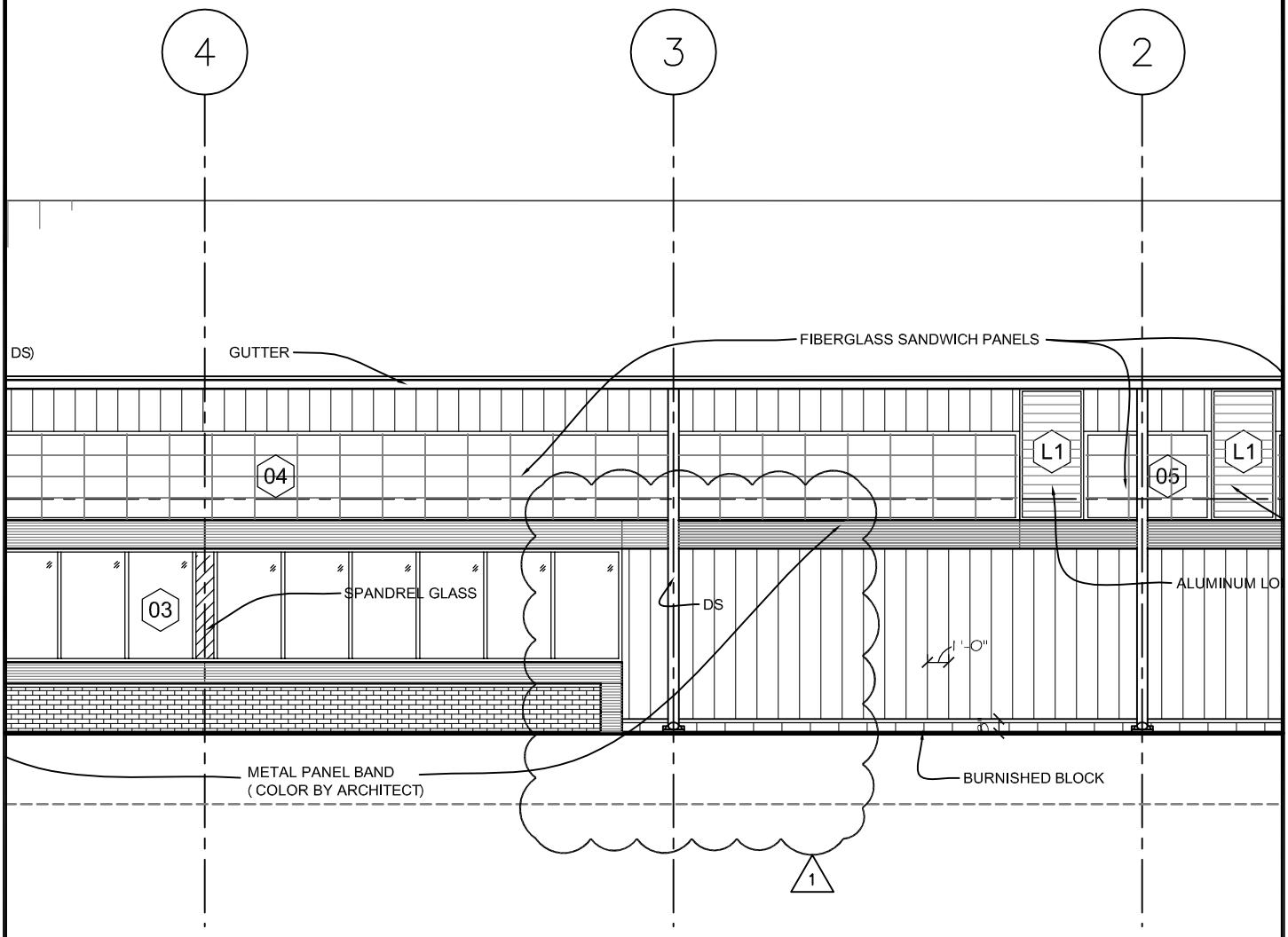
Issue Date	10-03-2012
Job #	12-0124
Drawn by:	acs
CADD file:	A-103

Drawing Title
Partial Roof Plan 1

From Sheet: A-103

for CA use:

Drawing # A-103.1



***REMOVE SPANDREL GLASS AND FRAME ON EDGE OF GLAZING SYSTEM AND LINE UP EDGE OF METAL PANEL BAND WITH EDGE OF WINDOW

1 Partial North Elevation

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

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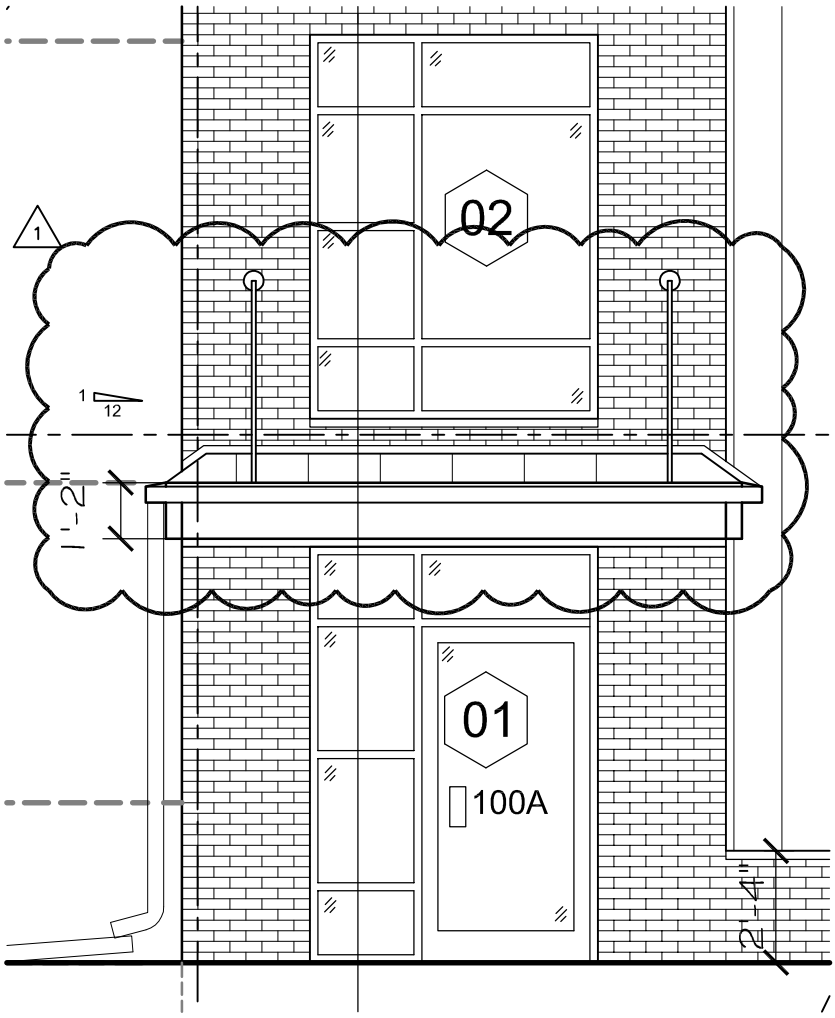
Issue Date	10-03-2012
Job #	12-0124
Drawn by:	acs
CADD file:	A-201

Drawing Title
Partial North Elevation
1

From Sheet: A-201
for CA use:
Drawing # A-201.1



1 Partial East Elevation

Scale: 1/4" = 1'-0"

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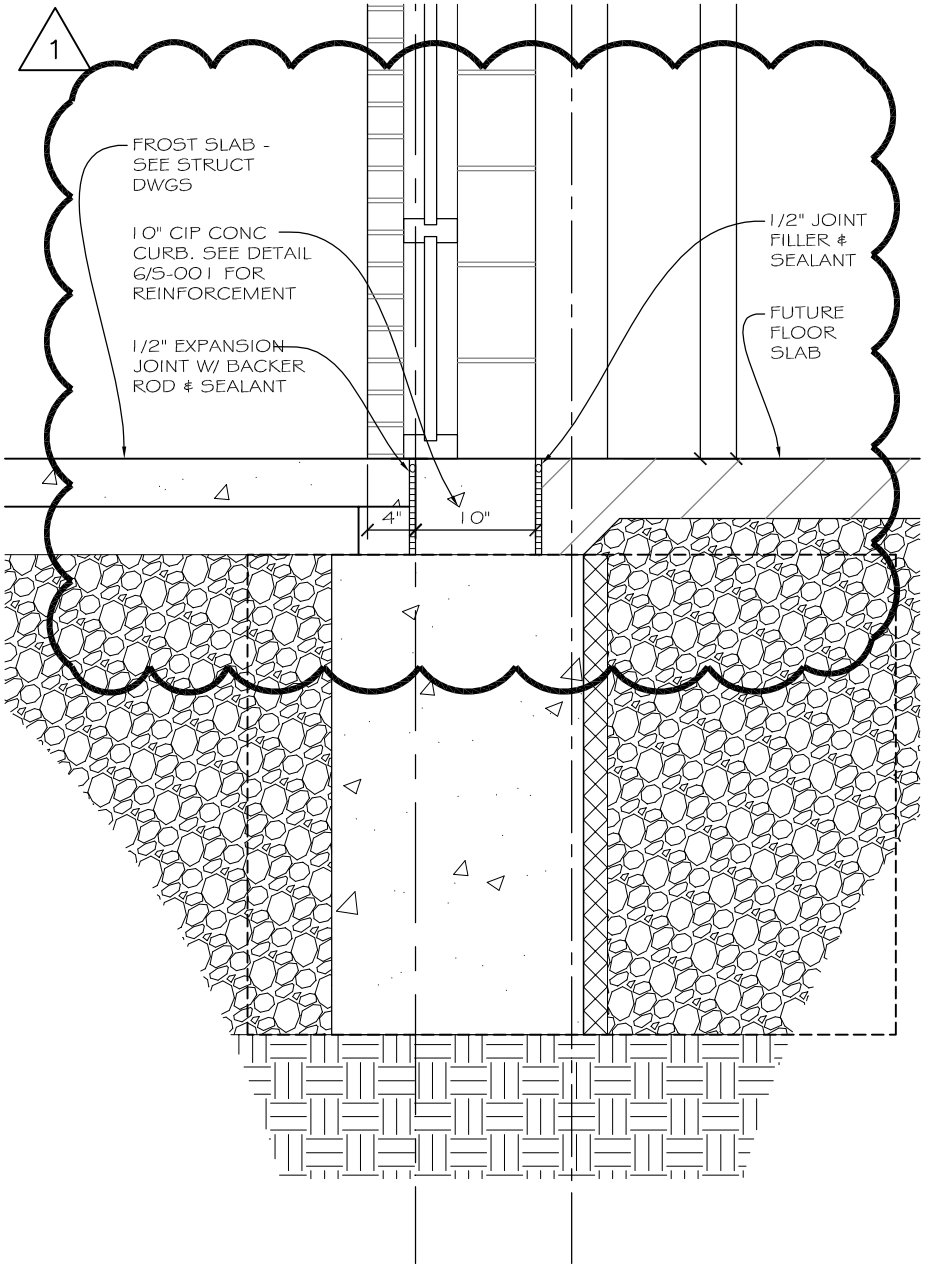
CADD file:	A-201

Drawing Title
Partial East Elevation
1

From Sheet: A-201	for CA use:
Drawing # A-201.2	



5 Wall Section

Scale: 3/4" = 1'-0"

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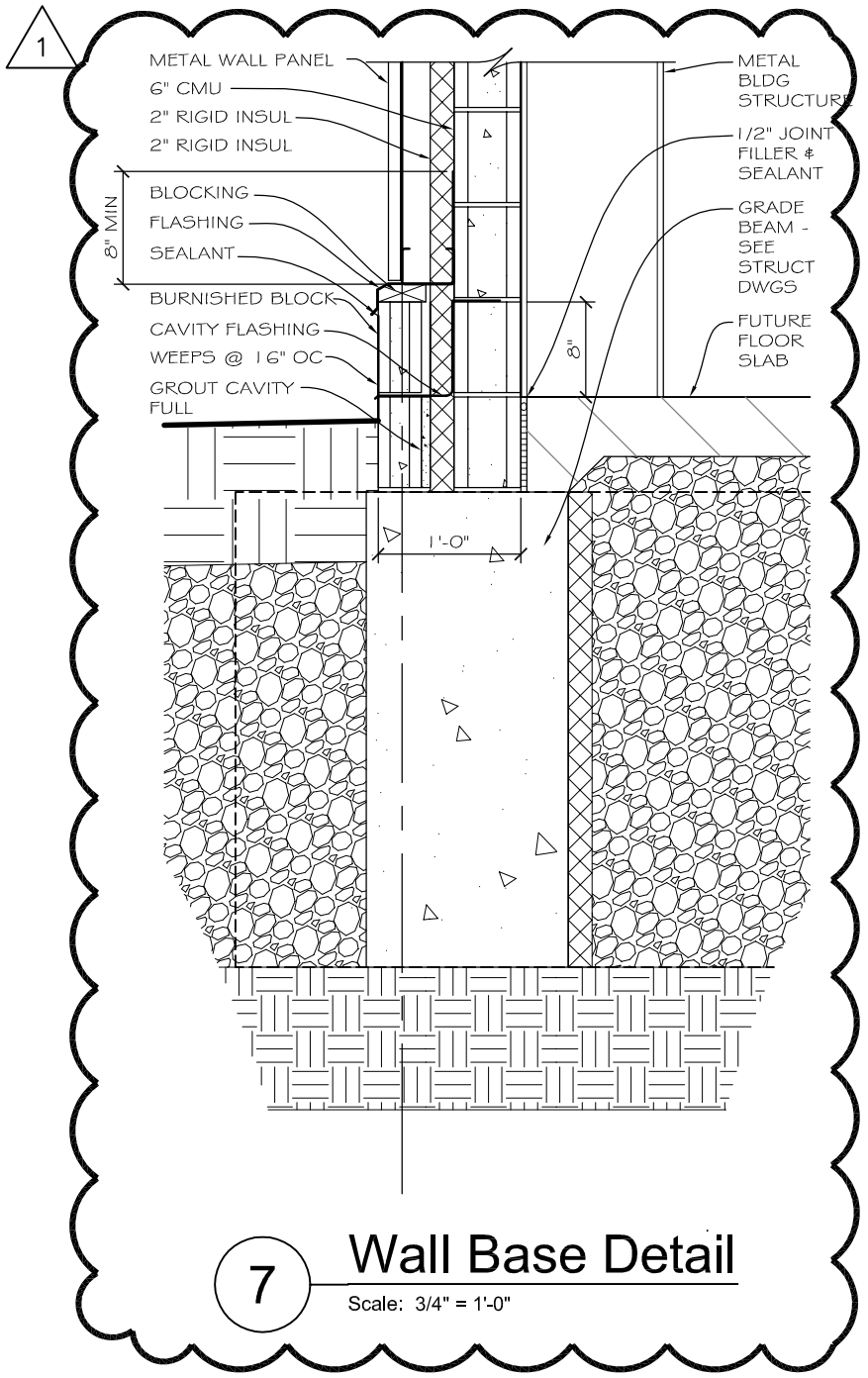
Issue Date	10-03-2012
Job #	12-0124
Drawn by:	AS
CADD file:	A-301

Drawing Title

Revised Wall Section

1

From Sheet: A-303	for CA use:
Drawing # A-303.1	



7 Wall Base Detail

Scale: 3/4" = 1'-0"

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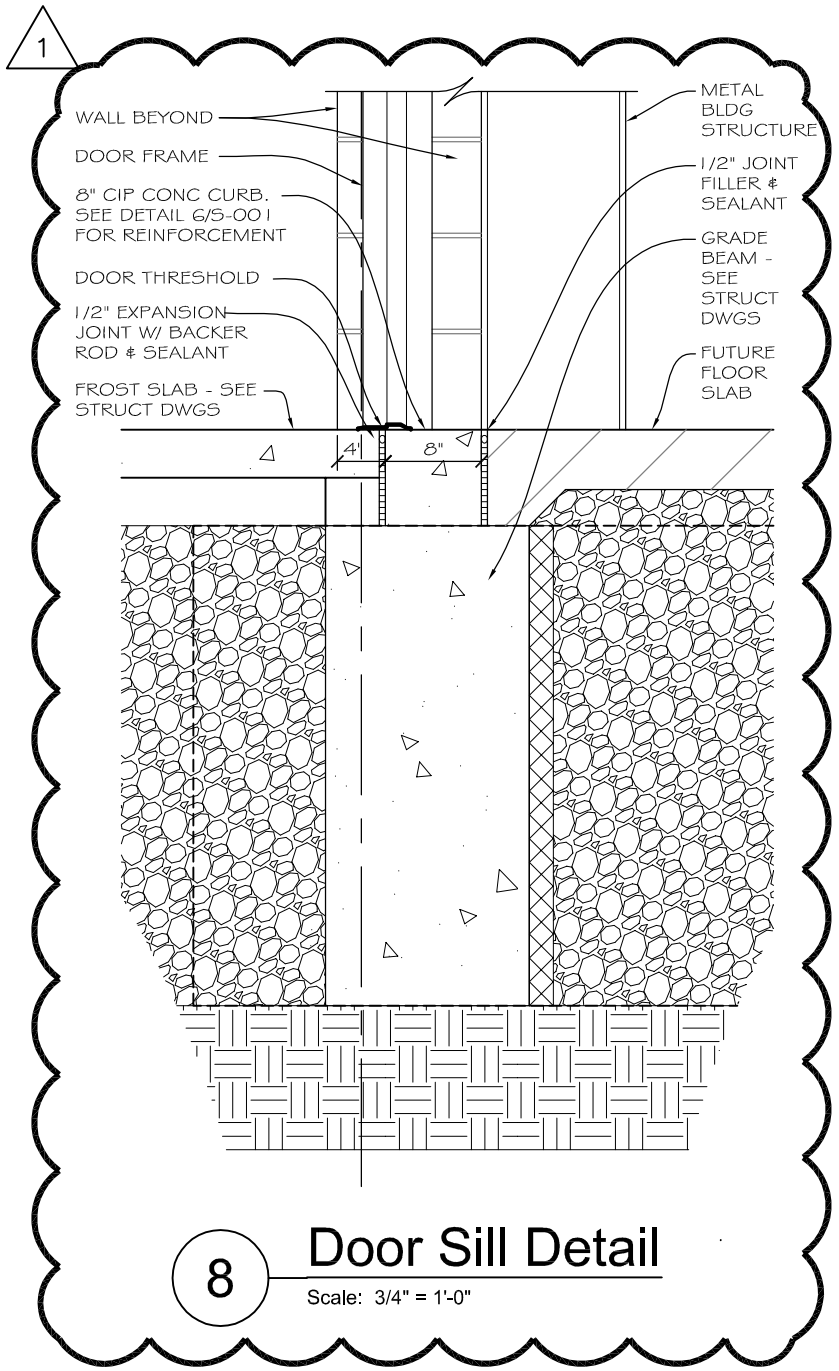
CADD file:	A-301

Drawing Title

Wall Base Detail

1

From Sheet:	for CA use:
A-303	
Drawing # A-303.2	



8 Door Sill Detail

Scale: 3/4" = 1'-0"

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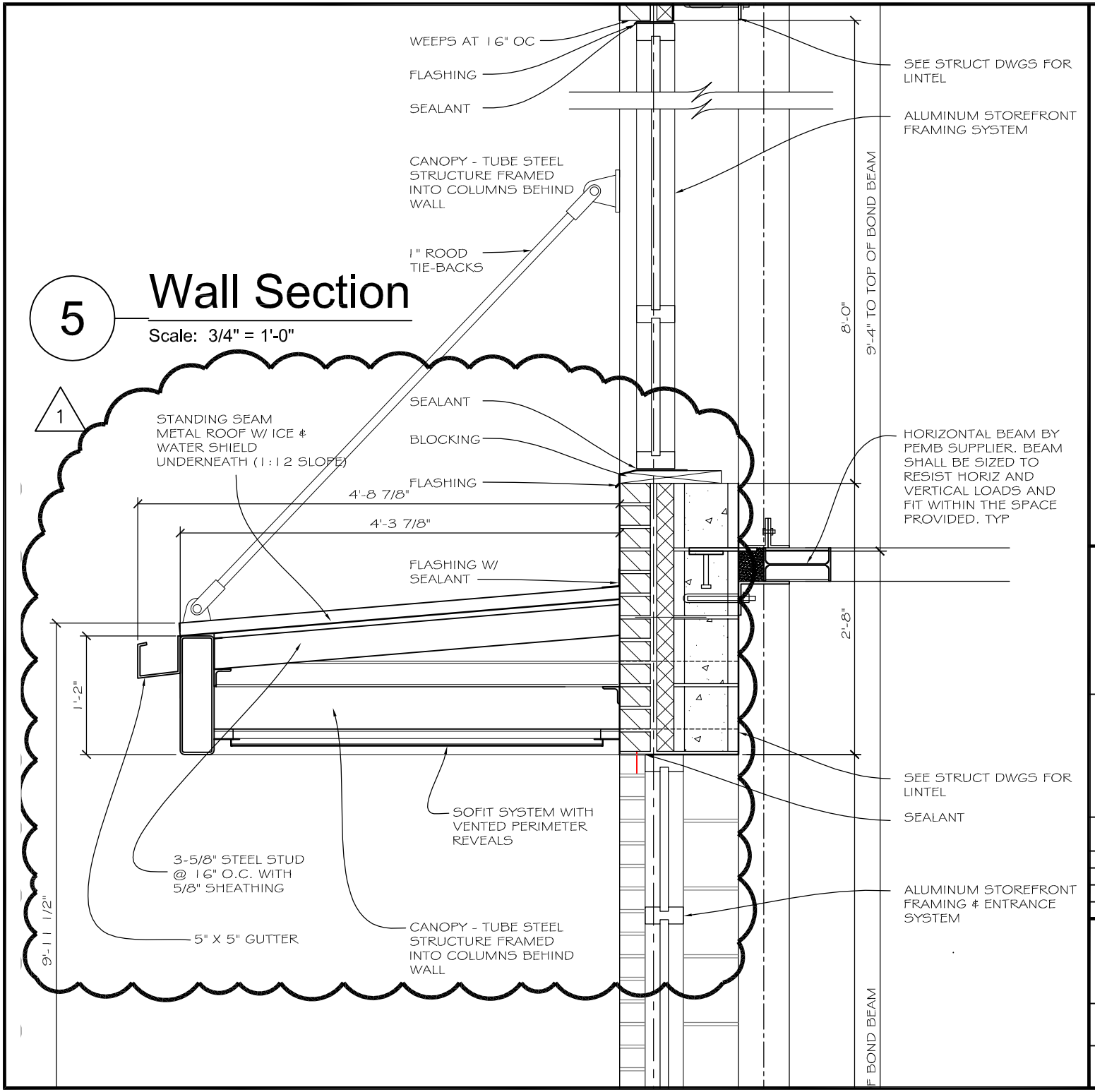
Drawing Title

Door Sill Detail

1

From Sheet: A-303	for CA use:
Drawing # A-303.3	



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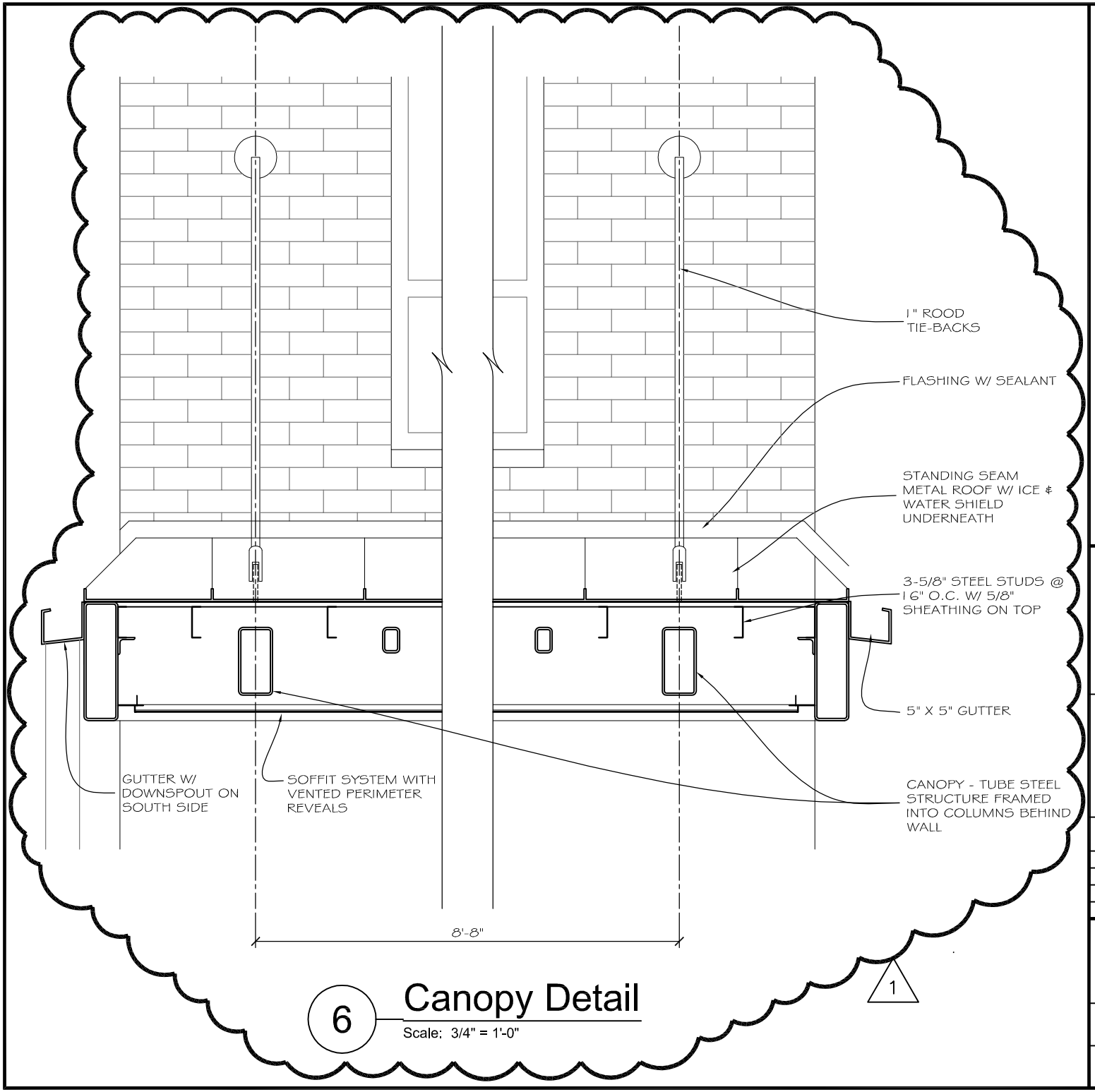
CADD file:	A-301

Drawing Title

Partial Wall Section
Canopy

1

From Sheet: A-303	for CA use:
Drawing # A-303.4	



6 Canopy Detail

Scale: 3/4" = 1'-0"

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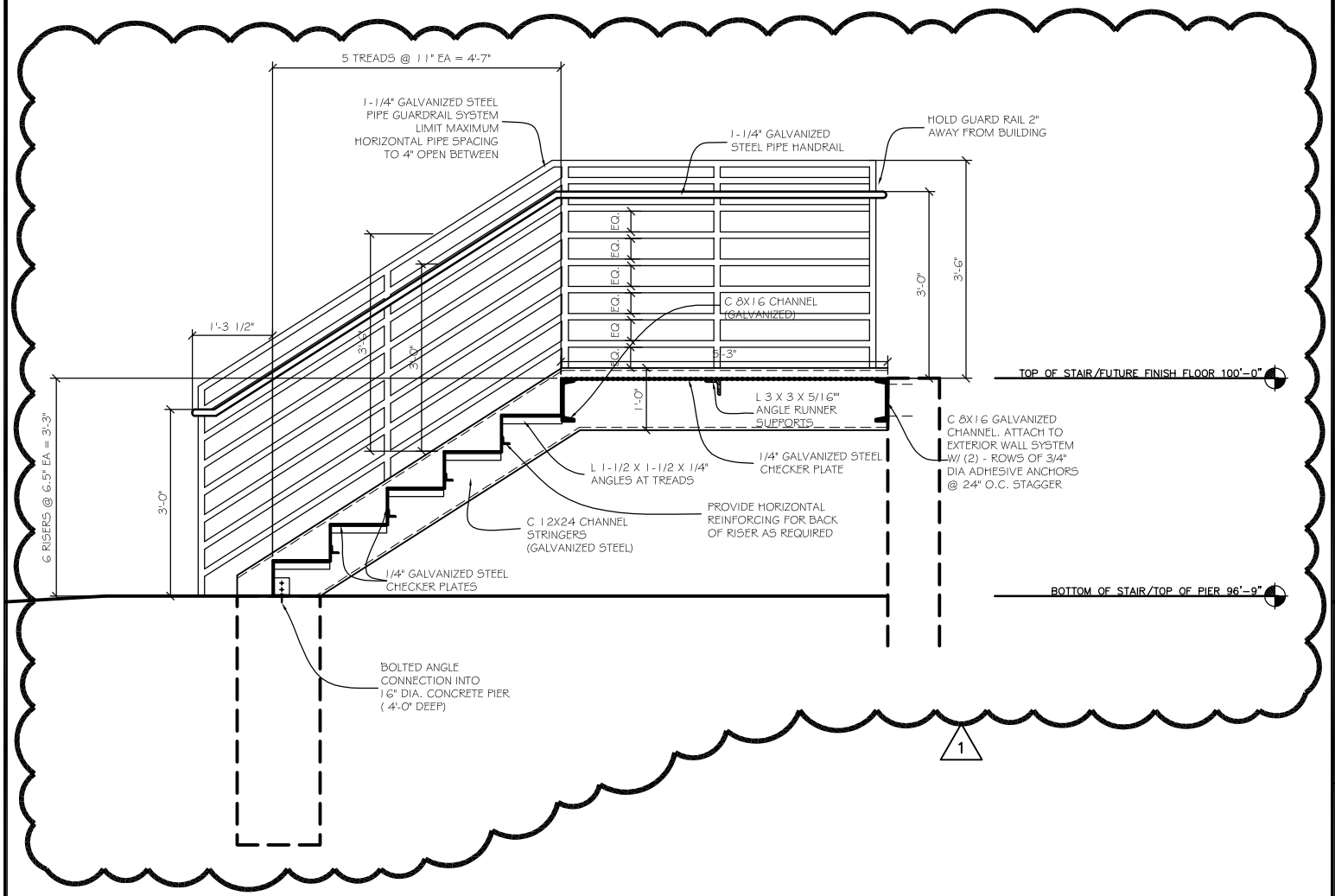
Drawn by:	acs
CADD file:	A-301

Drawing Title

Canopy Detail Revised 1

From Sheet: A-303	for CA use:
Drawing # A-303.5	



1 Stair Section 3

Scale: 3/8" = 1'-0"

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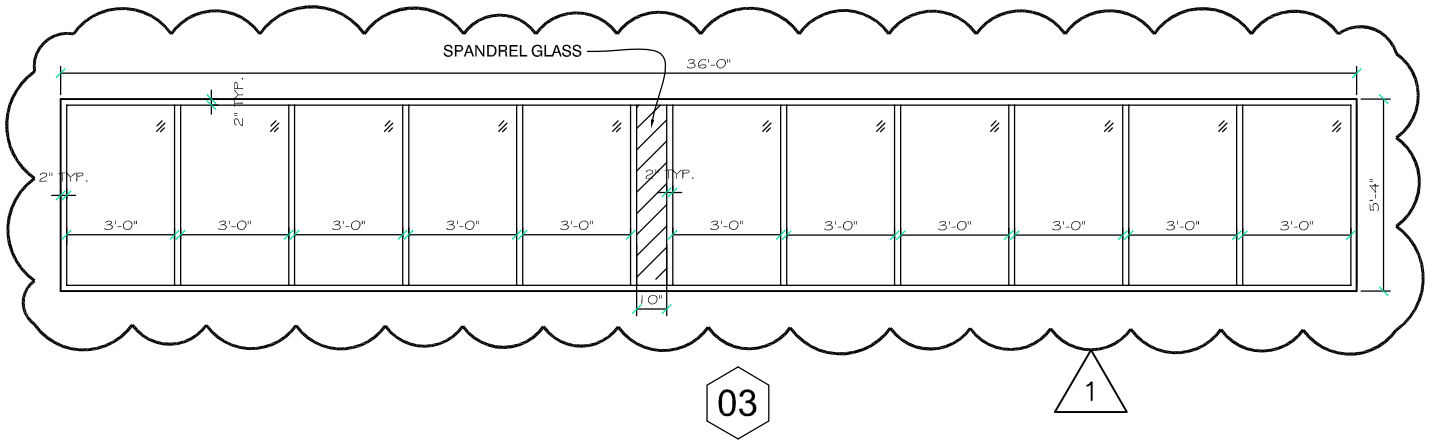
Drawn by:	acs
CADD file:	A-301

Drawing Title

Revised Stair Section 3 △1

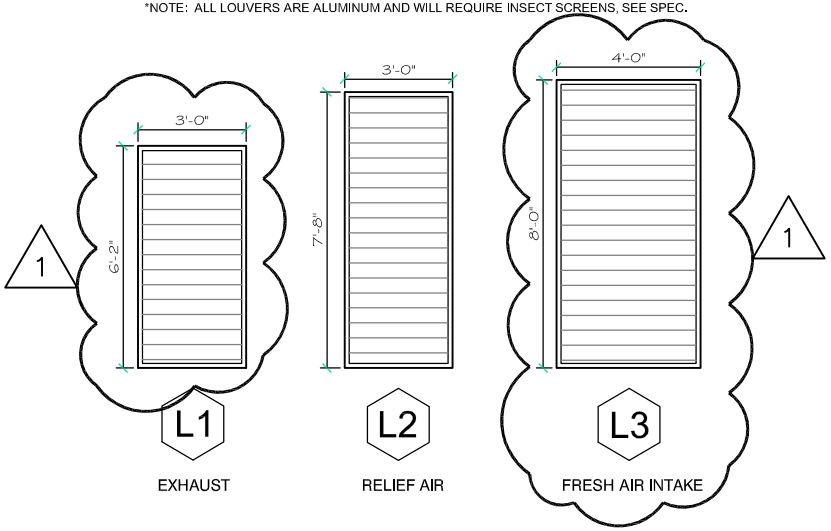
From Sheet: A-304	for CA use:
Drawing # A-304.1	



1 Window Frame Elevation

Scale: 3/16" = 1'-0"

*NOTE: ALL LOUVERS ARE ALUMINUM AND WILL REQUIRE INSECT SCREENS, SEE SPEC.



***REPLACE ORIGINAL L3'S WITH L1. UPDATE THE OVERALL DIMENSIONS FOR L1'S. ORIGINAL L4 IS NOW L3. NO CHANGE TO L2.

2 Louver Frame Elevations

Scale: 3/16" = 1'-0"

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Issue Date	10-03-2012
Job #	12-0124
Drawn by:	acs
CADD file:	A-601

Drawing Title

Revised Frame Elevations 1

From Sheet: A-601	for CA use:
Drawing # A-601.1	