

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB	
PROJECT NAME	
8274 BIG BEND BLVD	
ADDRESS	
NUMBER	
WEBSTER UNIVERSITY	
OWNER	
CANNON DESIGN	
ARCHITECT / ENGINEER	
Joe Voypick	
SUBMITTED BY	
084423-002 Rev 4	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
	084423
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
NGG Ltd. Inc.	
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
	CRITICAL

ITEM BEING SUBMITTED (check only one)

- | | | |
|--|--|--|
| ☒ Shop Drawings | ☐ Certification / | ☐ Coordination Drawing |
| ☐ Samples | ☐ Qualifications | ☐ Calculations |
| (_____ copies) | ☐ Record Documents | ☐ Schedules |
| ☐ LEED Submittal | ☐ Product Data | ☐ O&M Manuals |
| ☐ Other _____ | | |

ITEM BEING SUBMITTED FOR (check only one)

- ☒ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION (SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:

Devin D. Gates

To be completed by Reviewer

08 4423-002 REV004
CANNON DESIGN SUBMITTAL NUMBER
8/8/16
RECEIVED DATE

- ☐ A. No Exceptions Taken
No further review of submittal is required.
- ☒ B. Make Corrections Noted
Incorporate corrections in work; resubmission is not required.
- ☐ C. Revise and Resubmit
Revise as noted, and resubmit for review.
- ☐ D. Rejected
Submittal is not in compliance with Contract Documents; provide new submittal.
- ☐ E. For Record / Information Only
Submittal was reviewed for Record / Information purposes only.
- ☐ F. Not Required for Review
Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

☐ See attached sheet(s) for additional comments

COMMENTS AND SKETCH ADDED 08.18.16 TO SHEET M18 TO CLARIFY SUPPORT OF INTERIOR GYP BOARD AND SHADE MOUNTING.

LYNN GROSSMAN
CANNON DESIGN

Joe Voypick	8/8/16
REVIEWED BY	DATE

Kathy Williams	08/12/16
REVIEWED BY	DATE



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0180

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 08/08/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Curtainwall mockup shop drawing REV 4

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☒ Shop Drawings	☒ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☐ Other:	☐ Separate Cover Via:	☐ Due Date:

Item	Package	Code	Rev.	Copies	Date	Description	Status
Submittal		084423-002 REV04	2		08/08/2016	Curtainwall mockup shop drawing REV 4	Submitted

NOTES:

CC:

Signed: _____
Devin Gates

CURTAIN WALL MOCKUP

No Changes

DRAWING INDEX

1. ALUMINUM FRAMING SYSTEMS:
 - a. NK YCA 750 550 - 2 1/2" x 7 1/2" - 2-SEED SSC CURTAIN WALL SYSTEM WITH STRUCTURALLY GLAZED HORIZONTALS AND CAPTURED MULLIONS WITH 5" DEEP VERTICAL CURTAINWALL EGG-3.
 - b. NK YCA 750 550 - 2 1/2" x 5 1/4" - 4-SEED SSC CURTAIN WALL SYSTEM
2. ALUMINUM FINISH
 - a. HIGH PERFORMANCE ORGANIC FINISH - 100% PURE THREE-COAT FLUOROPOLYMER FINISH (COLOR TO BE DETERMINED) SCHEDULE 400 FINISH 4110/6066
3. STEEL
 - a. STEEL ACCESSORIES USED TO JOIN OR REINFORCE ALUMINUM FRAMING OR PANELS SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
 - i. ASTM A307 STEEL PLATES, PLATES, AND BARS
 - ii. ASTM A307 STEEL FASTENERS
 - iii. ASTM A307 STEEL PART PART FABRICATION
4. SEALANTS
 - a. SEALANT #1 - WATER STOPPING - COLOR TO BE DETERMINED
 - b. SEALANT #2 - STRUCTURAL SILICONE (BLACK)
5. MISCELLANEOUS
 - a. BOND BREAKER: BE APOXISIDE SHAPED HIGH IMPACT POLYSTYRENE PANELS JOINED ORANGE.
 - b. BOND BREAKER TAPE: BE A POLYETHYLENE FILM TAPE WITH ADHESIVE ONE SIDE OR OTHER.
 - c. MANUFACTURER SHALL PROVIDE A LACK OF ADHESION IN TESTING DONE BY THE SEALANTS

6. GLASS:

GLE-1

GLE-2

GLE-3

1" CLEAR INSULATING SPANDREL GLASS UNITS WITH SILKSREEN:
 1/4" CLEAR HS W/NE-63 #2, SILKSREENED CERAMIC DOT PATTERN #2: 40% COVERAGE WITH 1/8" DOT SCREEN COLOR "GRAY"
 1/2" AIR
 1/4" CLEAR HS W/ CERAMIC COATING #4

		DESCRIPTION	
		COVER	ELEVATION
M01	MOOR	MOOR	ELEVATION
M02	MOOR	MOOR	ELEVATION
M10	DETAILS	DETAILS	
M11	DETAILS	DETAILS	
M12	DETAILS	DETAILS	
M13	DETAILS	DETAILS	
M14	DETAILS	DETAILS	
M15	DETAILS	DETAILS	
M16	DETAILS	DETAILS	
M17	DETAILS	DETAILS	
M18	DETAILS	DETAILS	
M19	DETAILS	DETAILS	
M20	DETAILS	DETAILS	
M21	DETAILS	DETAILS	
M22	DETAILS	DETAILS	
M23	DETAILS	DETAILS	

Proprietary Notice

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Project Name
WHEELER UNIVERSITY
Location
St. Louis, Missouri
Architect
CANNON DESIGN
Location
St. Louis, MO
Contractor
PARIC
Location
St. Louis, Missouri

Owner	WEBSTER UNIVERSITY
Location	St. Louis, Missouri

Drawn Date 5/17/16	Scale AS NOTED
-----------------------	-------------------

5-2013
NGG Project No.

Drawing Title
COVER

Drawn By	Sheet No.
IY	M01

NGG LTD

NGG LTD, INCORPORATED
1850 Craigshire Road Suite 202
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Tel 314-336-2515
Fax 314-336-2521

Professional Seal

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NGG LTD, INCORPORATED
1890 Creagaire Road Suite 202
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Submittal/Revision Description		Drawn By	Date	Rev.	No.
4TH SUBMISSION			6/8/16	3	4
3RD SUBMISSION			7/12/16	2	3
2ND SUBMISSION			6/16/16	1	2
1ST SUBMISSION			5/17/16	1	1

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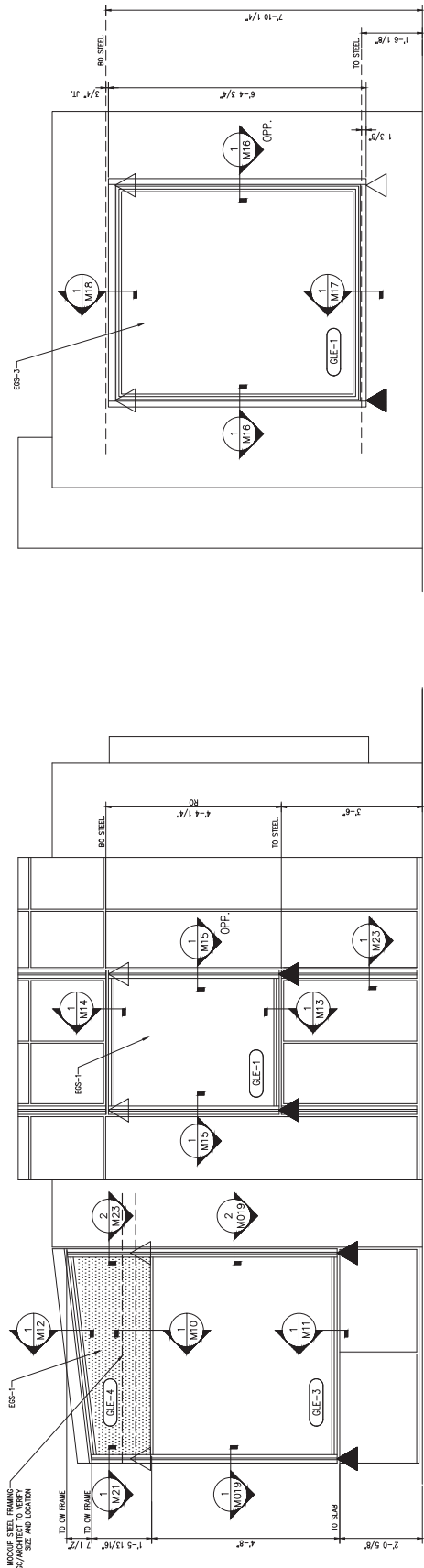
Project Name	WEBSTER UNIVERSITY
Location	St. Louis, Missouri
Architect	CANNON DESIGN
Location	St. Louis, Missouri
Contractor	PARC
Location	St. Louis, Missouri
Owner	WEBSTER UNIVERSITY
Location	St. Louis, Missouri

Drawn Date	07/02/14
Scale	AS NOTED

NGG Project No.

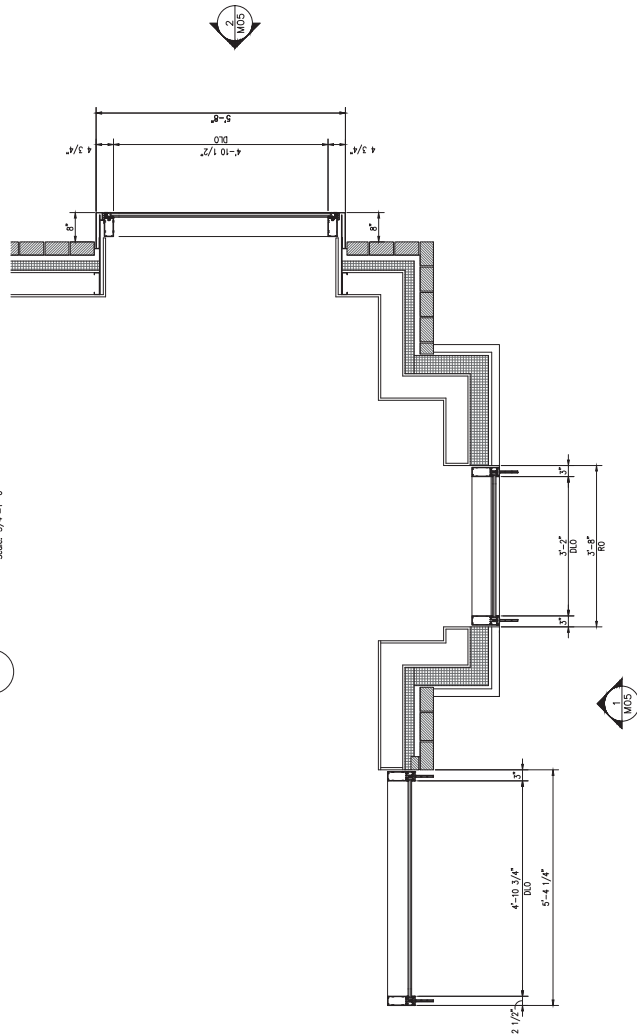
Drawing Title
EMBED TITLE SHEET

Drawn By	TY
Sheet No.	M05



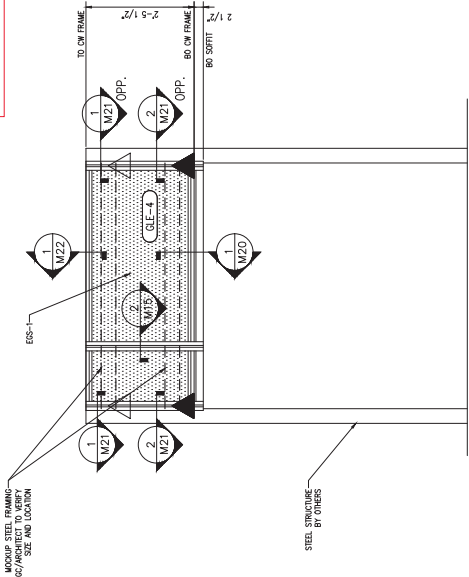
1 MOCKUP ELEVATION
Scale: 3/4"=1'-0"

2 MOCKUP ELEVATION
Scale: 3/4"=1'-0"

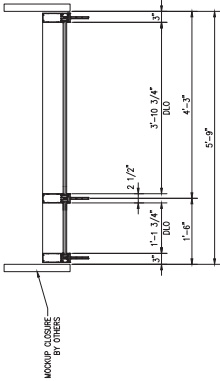


3 PLAN
Scale: 3/4"=1'-0"

No Changes



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



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

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Sub No.	Rev.	Date	Drawn By	Submittal/Revision Description
1	-	5/17/18	TY	1ST SUBMISSION
2	1	6/8/18	TY	2ND SUBMISSION
3	2	7/12/18	TY	3RD SUBMISSION
4	3	8/9/18	TY	4TH SUBMISSION

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Project Name	WEBSTER UNIVERSITY
Location	St. Louis, Missouri
Architect	CANNON DESIGN
Location	St. Louis, Missouri
Contractor	PARC
Location	St. Louis, Missouri
Owner	WEBSTER UNIVERSITY
Location	St. Louis, Missouri

Drawn Date	07/05/18
Scale	AS NOTED

NGG Project No.

Drawing Title
EMBED TITLE SHEET

Drawn By	TY
Sheet No.	M06

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Sub No.	Rev No.	Date	Drawn By	Submital/Revision Description
1	-	5/17/16	IV	1ST SUBMISSION
2	1	6/8/16	IV	2ND SUBMISSION
3	2	7/12/16	IV	PER ARCH COMMENTS
4	3	8/8/16	IV	4TH SUBMISSION

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Project Name	WESTER UNIVERSITY
Location	St. Louis, Missouri
Architect	CANNON DESIGN
Location	St. Louis, MO
Contractor	PARC
Location	St. Louis, Missouri
Owner	WESTER UNIVERSITY
Location	St. Louis, Missouri

Drawn Date 5/17/16	Scale AS NOTED
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NGG Project No.

Drawing Title
DETAILS

Drawn By IY	Sheet No. M12
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Sub. No.	Rev. No.	Date	Drawn By	Submission Description
4	3	6/6/16	IT	4TH SUBMISSION
3	2	7/12/16	IT	PRIOR ARCH COMMENTS
2	1	6/6/16	IT	2ND SUBMISSION
		5/17/16	IT	1ST SUBMISSION

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Object Name

LEICESTER UNIVERSITY

Louis Missouri

1000

NNON DESIGN

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St. Louis, MO

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. Louis, Missouri

mer

LEBSTER UNIVERSITY

Canon

[illegible]

5/17/16	AS NOTED
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NGG Project No.

Reading title

DETAILS

Drawn By _____ Sheet No. _____

M14



HEAD DETAIL

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Sub No.	Rev No.	Date	Drawn By	Submittal/Revision Description
1	-	5/17/18	IV	1ST SUBMISSION
2	1	6/8/18	IV	2ND SUBMISSION
3	2	7/12/18	IV	PER ARCH COMMENTS
4	3	8/9/18	IV	4TH SUBMISSION

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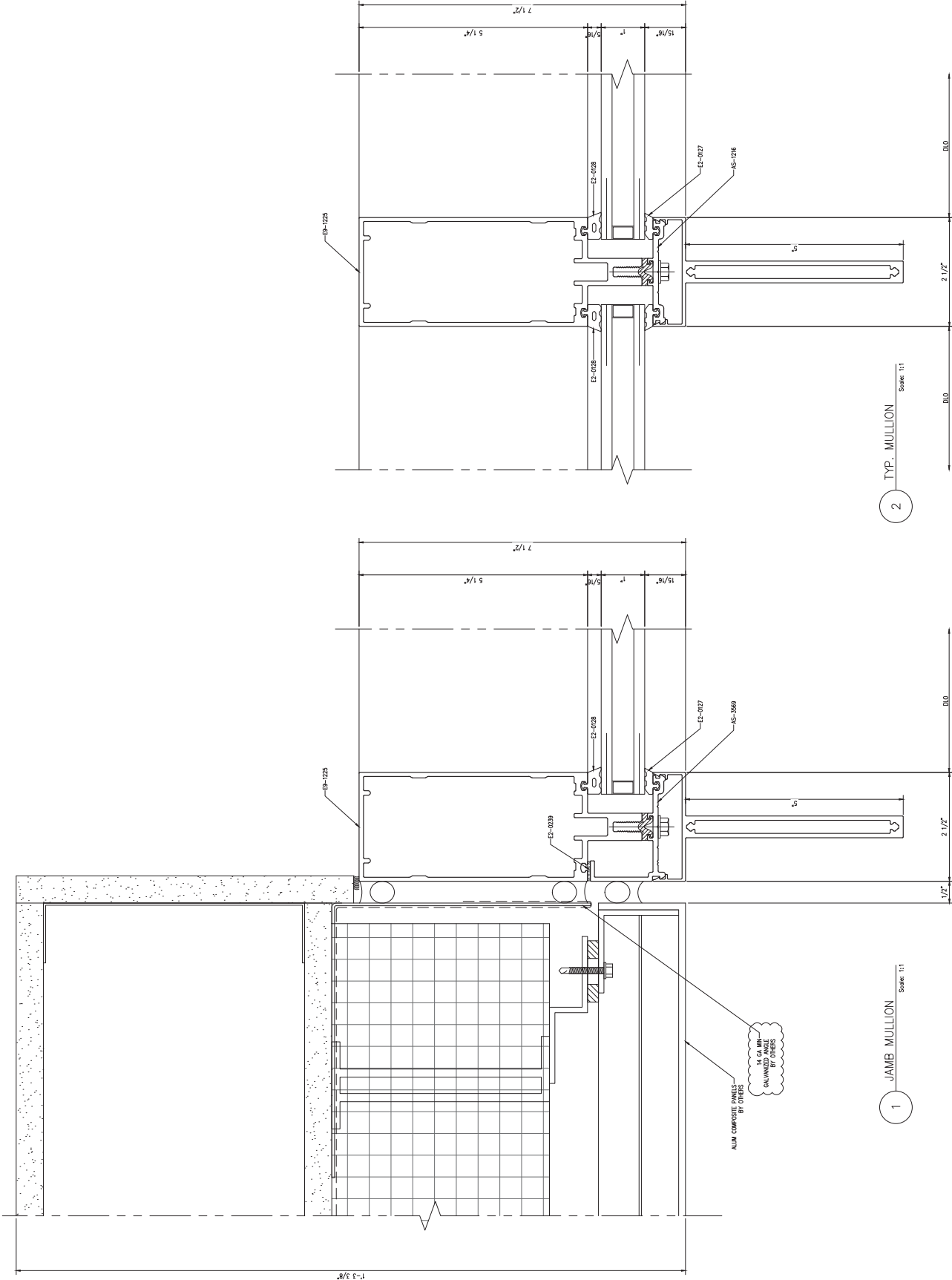
Project Name	WEBSTER UNIVERSITY
Location	St. Louis, Missouri
Architect	CANNON DESIGN
Location	St. Louis, MO
Contractor	PMBC
Location	St. Louis, Missouri
Owner	WEBSTER UNIVERSITY
Location	St. Louis, Missouri

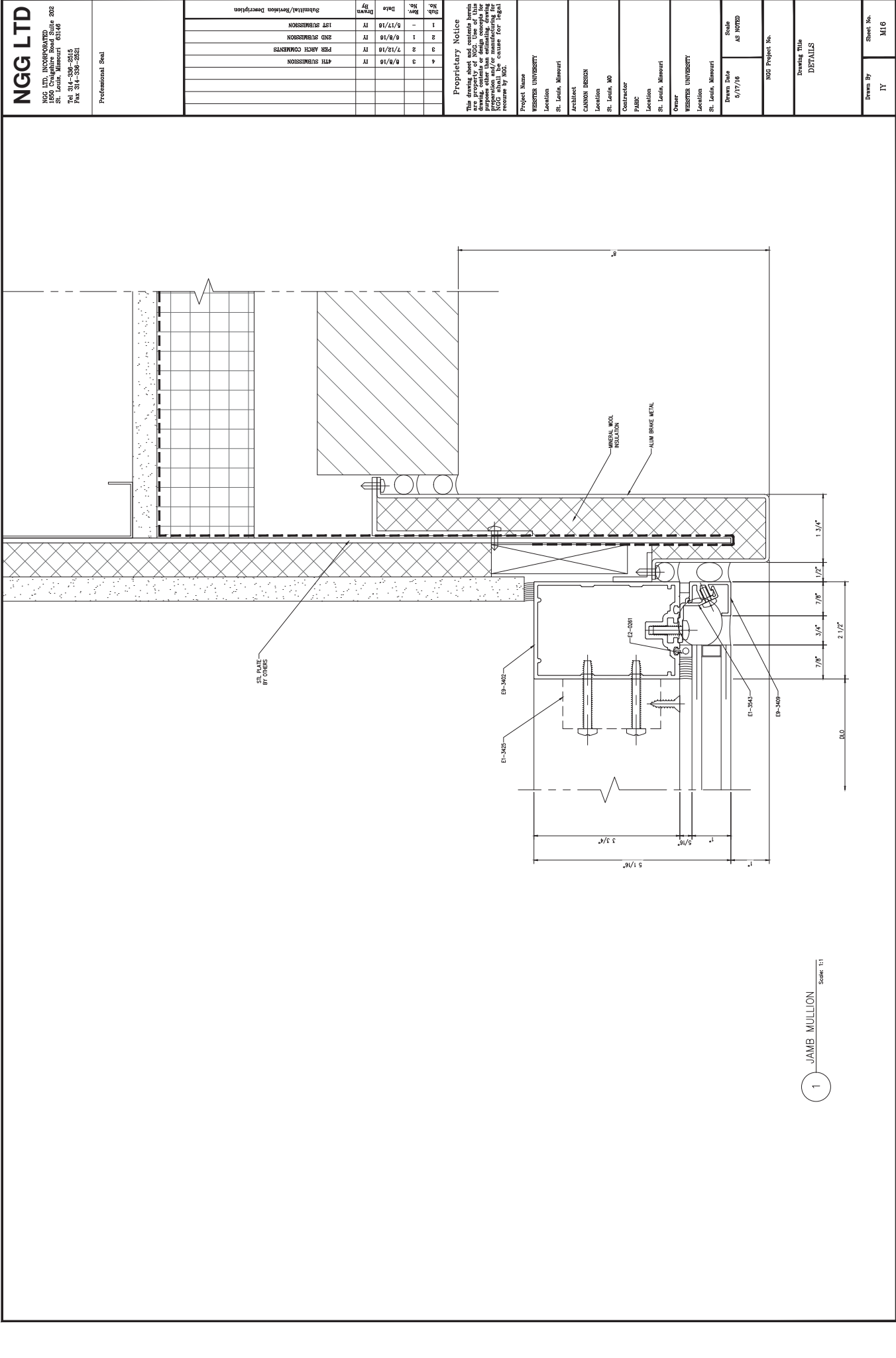
Drawn Date	5/17/18
Scale	AS NOTED

NGG Project No.

Drawing Title
DETAILS

Drawn By	IV
Sheet No.	M15





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Sub. No.	Rev. No.	Date	Drawn By	Submittal/Revision Description
1	-	5/17/16	IV	1ST SUBMISSION
2	1	6/8/16	IV	2ND SUBMISSION
3	2	7/12/16	IV	PRE ARCH COMMENTS
4	3	8/8/16	IV	4TH SUBMISSION

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Project Name	WEBSTER UNIVERSITY
Location	St. Louis, Missouri
Architect	CANNON DESIGN
Location	St. Louis, MO
Contractor	PARC
Location	St. Louis, Missouri
Owner	WEBSTER UNIVERSITY
Location	St. Louis, Missouri

Drawn Date	5/17/16
Scale	AS NOTED

NGG Project No.

Drawing Title
DETAILS

Drawn By	IV	Sheet No.	M16
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Sub No.	Rev.	Date	Drawn By	Submittal/Revision Description
1	-	5/17/16	IV	1ST SUBMISSION
2	1	6/8/16	IV	2ND SUBMISSION
3	2	7/12/16	IV	PER ARCH COMMENTS
4	3	8/9/16	IV	4TH SUBMISSION

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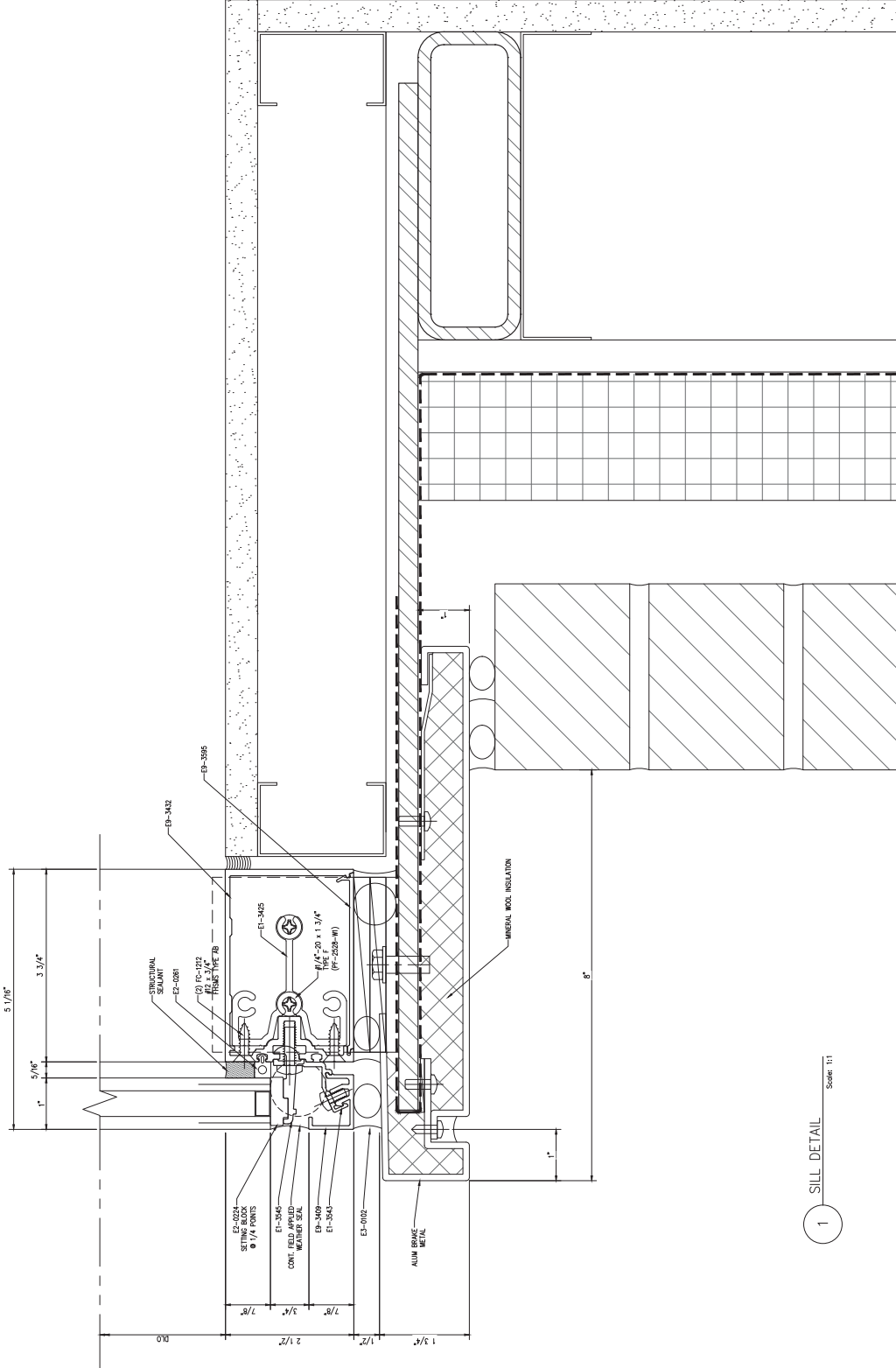
Project Name	WEBSTER UNIVERSITY
Location	St. Louis, Missouri
Architect	CANNON DESIGN
Location	St. Louis, MO
Contractor	PARC
Location	St. Louis, Missouri
Owner	WEBSTER UNIVERSITY
Location	St. Louis, Missouri

Drawn Date	5/17/16
Scale	AS NOTED

NGG Project No.	
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Drawing Title	DETAILS
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Drawn By	IV
Sheet No.	M17



1 SILL DETAIL
Scale: 1:1

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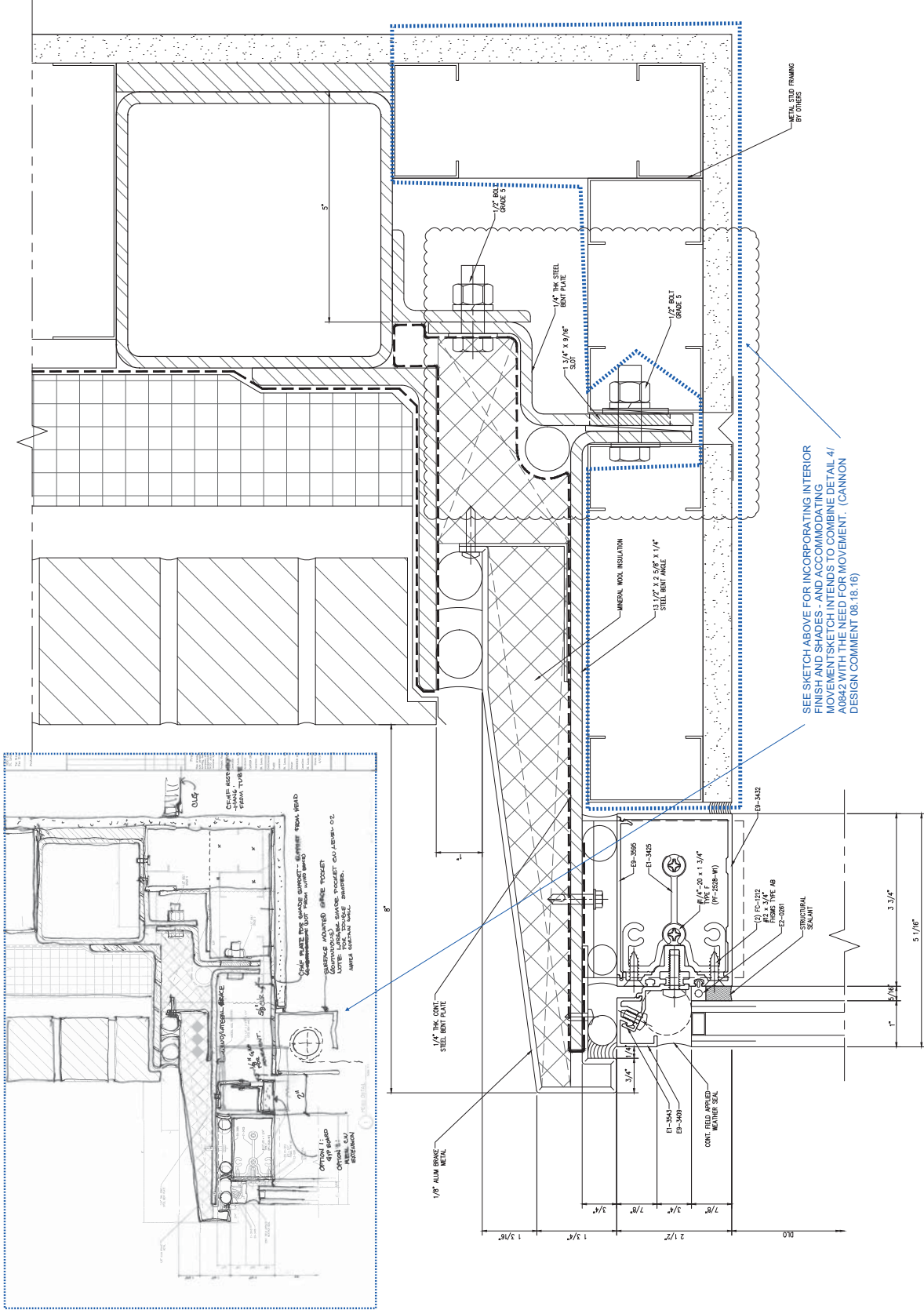
Sub No.	Rev.	Date	Drawn By	Submittal/Revision Description
1	-	5/17/16	IV	1ST SUBMISSION
2	1	6/8/16	IV	2ND SUBMISSION
3	2	7/12/16	IV	3RD SUBMISSION
4	3	8/9/16	IV	4TH SUBMISSION

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Project Name	WEBSTER UNIVERSITY
Location	St. Louis, Missouri
Architect	CANNON DESIGN
Location	St. Louis, MO
Contractor	PHRC
Location	St. Louis, Missouri
Owner	WEBSTER UNIVERSITY
Location	St. Louis, Missouri
Drawn Date	9/17/16
Scale	AS NOTED
NGG Project No.	
Drawing Title	DETAILS

Drawn By	IV
Sheet No.	M18



1 HEAD DETAIL

Scale: 1/4\"/>

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Sub. No.	Rev.	Date	Drawn By	Submittal/Revision Description
1	-	5/17/18	IV	1ST SUBMISSION
2	1	6/8/18	IV	2ND SUBMISSION
3	2	7/12/18	IV	3RD SUBMISSION
4	3	8/9/18	IV	4TH SUBMISSION
				FOR ARCH COMMENTS

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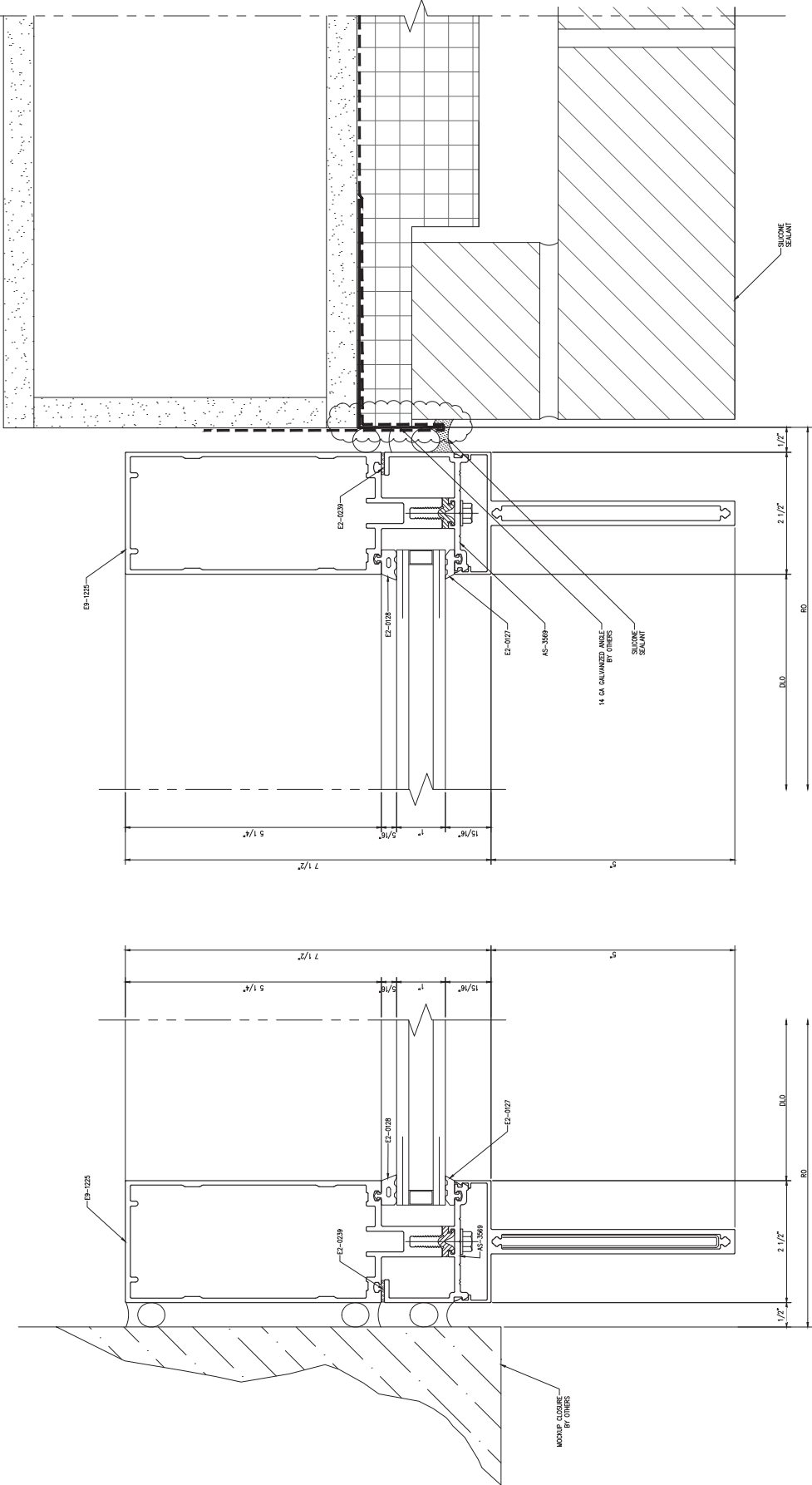
Project Name	WEBSTER UNIVERSITY
Location	St. Louis, Missouri
Architect	CANNON DESIGN
Location	St. Louis, MO
Contractor	PMBC
Location	St. Louis, Missouri
Owner	WEBSTER UNIVERSITY
Location	St. Louis, Missouri

Drawn Date	5/17/18
Scale	AS NOTED

NGG Project No.

Drawing Title
DETAILS

Drawn By	IV
Sheet No.	M19



2 JAMB MULLION
Scale: 1/1"

1 JAMB MULLION
Scale: 1/1"

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Submittal/Revision Description		Drawn By	Date	Rev	No.
4TH SUBMISSION		IV	6/8/16	3	4
3RD SUBMISSION		IV	7/12/16	2	3
2ND SUBMISSION		IV	6/8/16	1	2
1ST SUBMISSION		IV	5/17/16	-	1

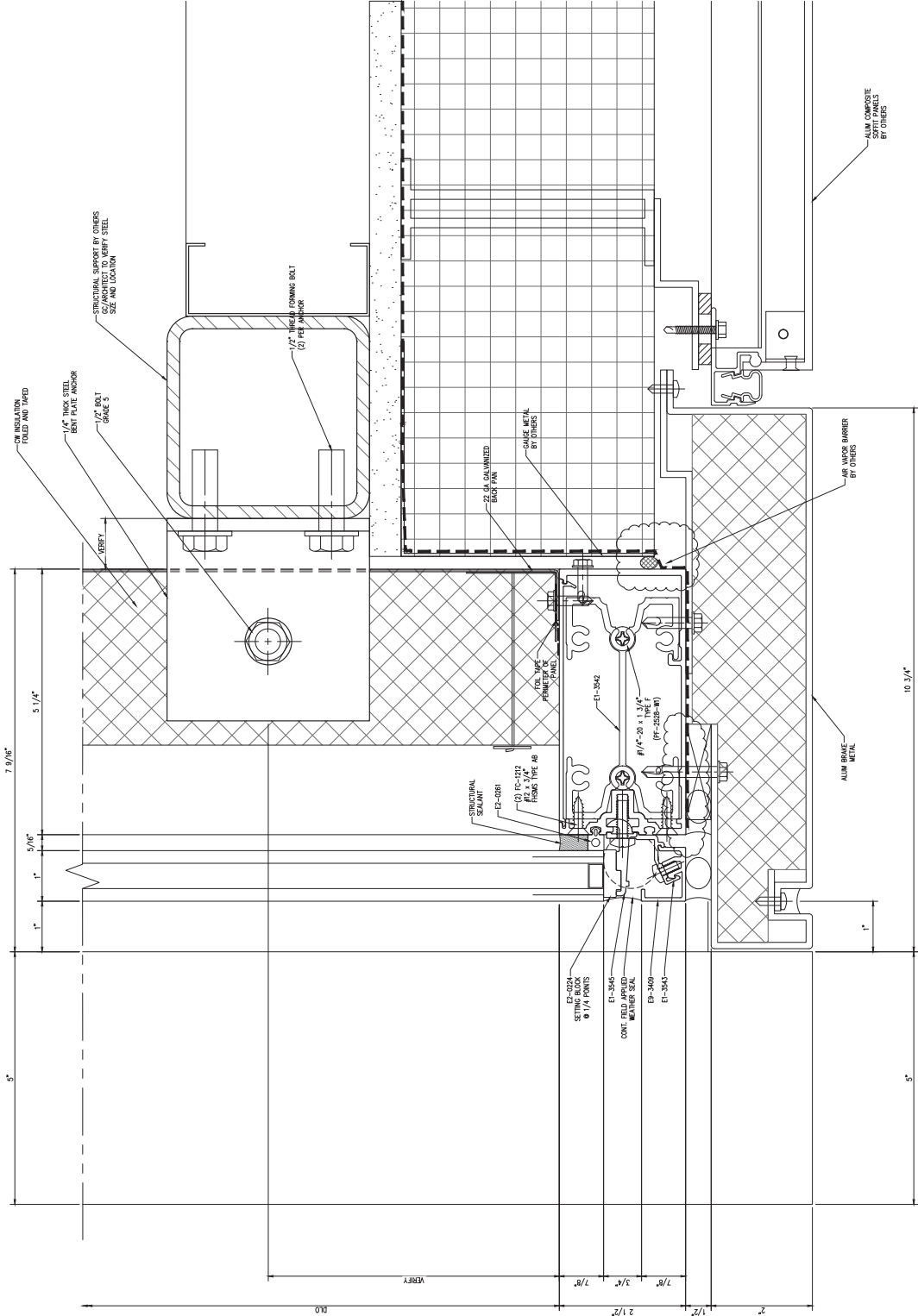
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Project Name		WESTERN UNIVERSITY
Location		St. Louis, Missouri
Architect		CANNON DESIGN
Location		St. Louis, MO
Contractor		PARC
Location		St. Louis, Missouri
Owner		WESTERN UNIVERSITY
Location		St. Louis, Missouri
Drawn Date		6/17/16
Scale		AS NOTED
NGG Project No.		

Drawing Title
DETAILS

Drawn By
IV

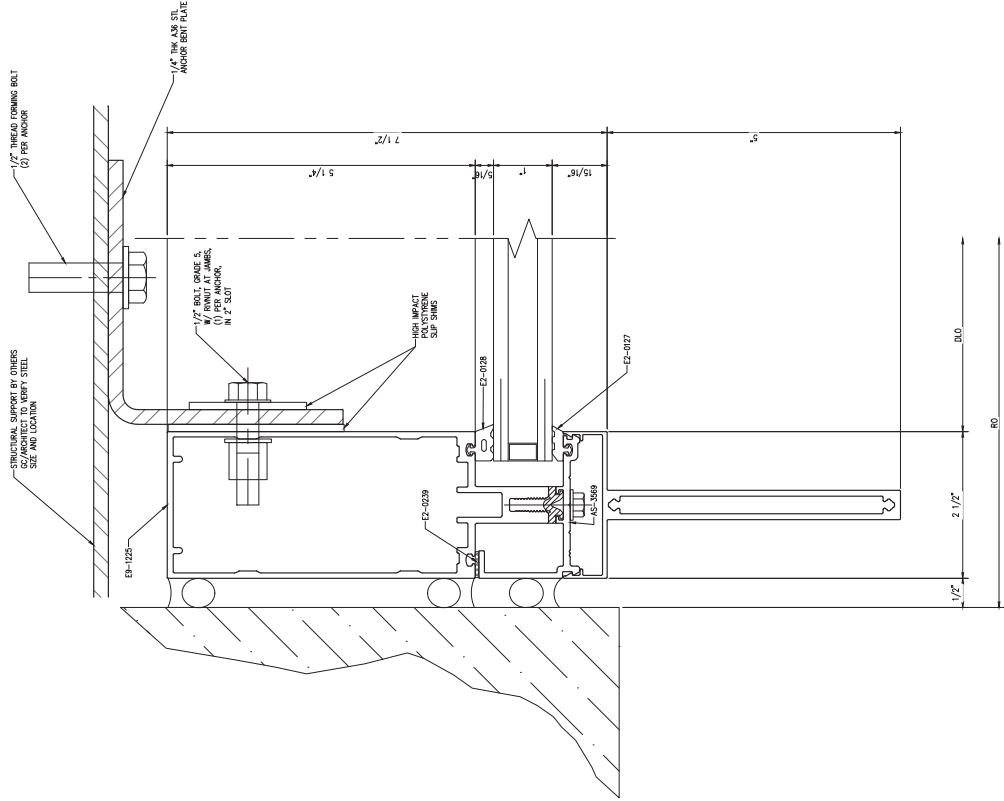
Sheet No.
M20



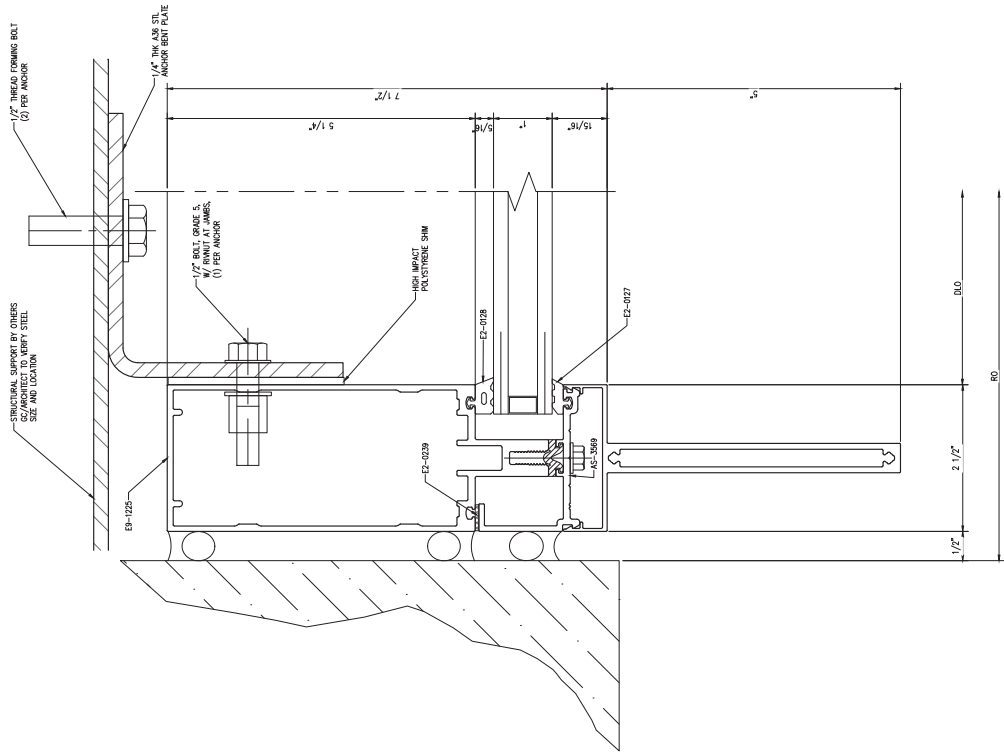
1 SILL DETAIL

Scale: 1/4\"/>

No Changes



1 WIND LOAD ANCHOR
Scale: 1:1



2 DEAD LOAD ANCHOR
Scale: 1:1

Submittal/Revision Description		Drawn By	Date	Rev.	No.
4TH SUBMISSION		IV	6/8/16	3	4
3RD SUBMISSION		IV	7/12/16	2	3
2ND SUBMISSION		IV	6/8/16	1	2
1ST SUBMISSION		IV	5/17/16	-	1

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Project Name		WEBSTER UNIVERSITY
Location		St. Louis, Missouri
Architect		CANNON DESIGN
Location		St. Louis, MO
Contractor		PMBC
Location		St. Louis, Missouri
Owner		WEBSTER UNIVERSITY
Location		St. Louis, Missouri

Drawn Date	Scale
5/17/16	AS NOTED

NGG Project No.

Drawing Title	
DETAILS	

Drawn By	Sheet No.
IV	M21

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Fax: 314-388-4521

Professional Seal

Submittal/Revision Description	Drawn By	Date	Revised By	Revised Date
4TH SUBMISSION	IV	6/8/16	IV	6/8/16
3RD SUBMISSION	IV	6/8/16	IV	6/8/16
2ND SUBMISSION	IV	6/8/16	IV	6/8/16
1ST SUBMISSION	IV	6/8/16	IV	6/8/16

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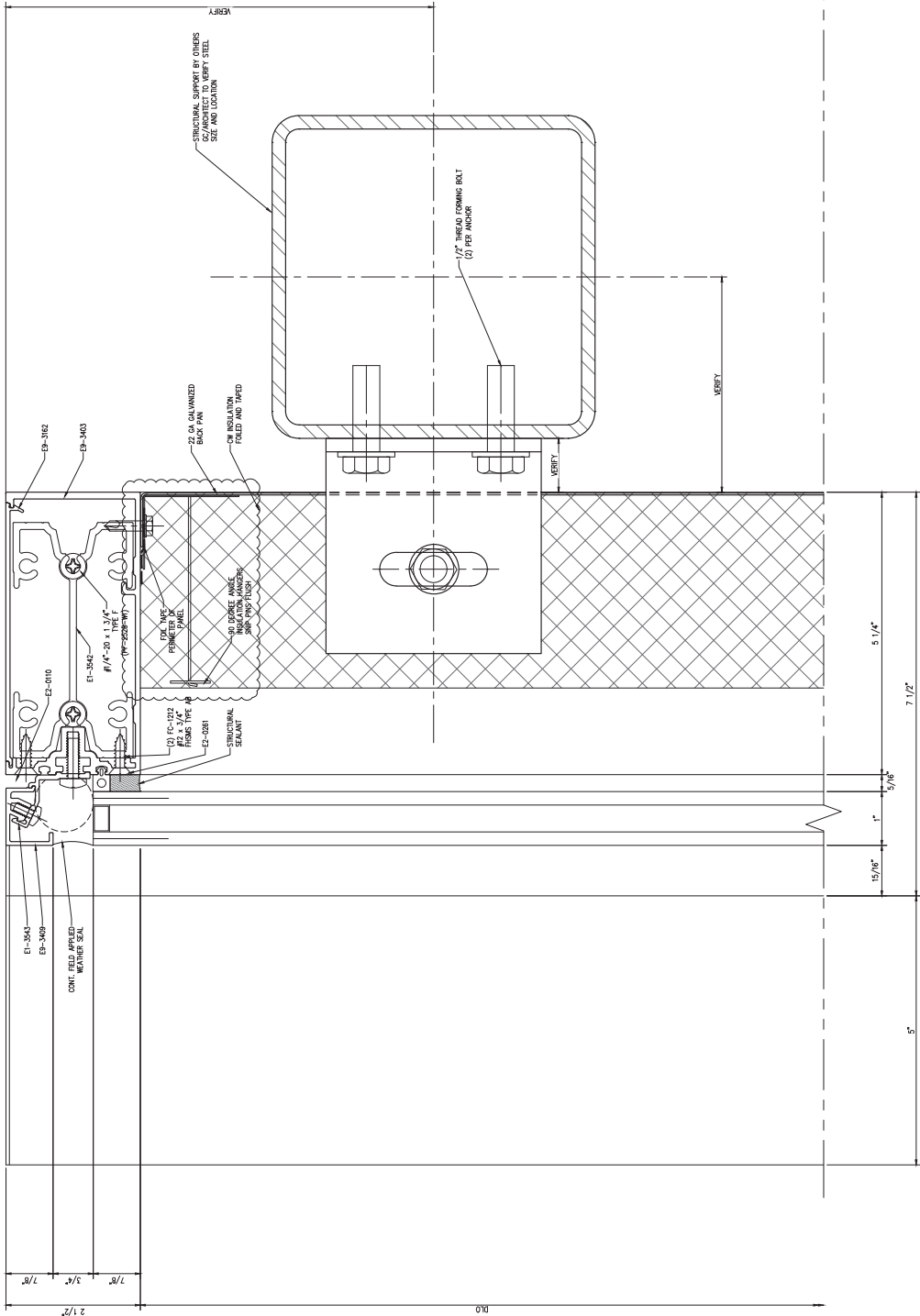
Project Name	WEBSTER UNIVERSITY
Location	St. Louis, Missouri
Architect	CANNON DESIGN
Location	St. Louis, MO
Contractor	PARC
Location	St. Louis, Missouri
Owner	WEBSTER UNIVERSITY
Location	St. Louis, Missouri

Drawn Date	5/17/16
Scale	AS NOTED

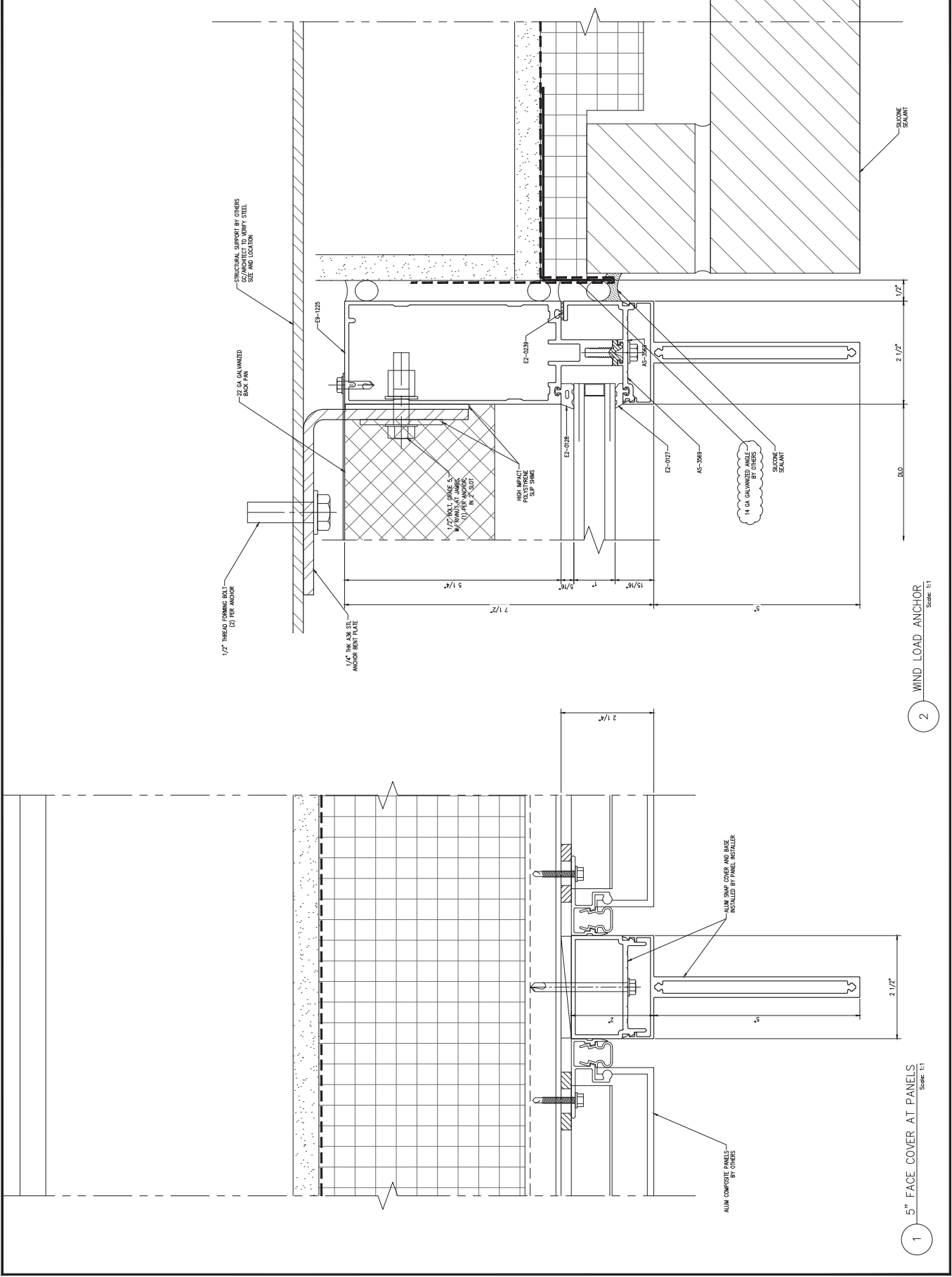
NGG Project No.	
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Drawing Title	DETAILS
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Drawn By	IV
Sheet No.	M22



1 WIND LOAD ANCHOR
Scale 1:1



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Professional Seal

Sub No.	Rev.	Date	Drawn By	Submittal/Revision Description
1	-	5/17/18	IV	1ST SUBMISSION
2	1	6/8/18	IV	2ND SUBMISSION
3	2	7/12/18	IV	3RD SUBMISSION
4	3	8/9/18	IV	4TH SUBMISSION
5				
6				
7				
8				
9				
10				

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Project Name	WESTERN UNIVERSITY
Location	St. Louis, Missouri
Architect	CANNON DESIGN
Location	St. Louis, MO
Contractor	PMBC
Location	St. Louis, Missouri

Owner	WESTERN UNIVERSITY
Location	St. Louis, Missouri

Drawn Date	5/17/18
Scale	AS NOTED

NGG Project No.	
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Drawing Title	DETAILS
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Drawn By	IV
Sheet No.	M23