Department of Public Works
Engineering Division
Robert F. Phillips, P.E., City Engineer

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Jeanne E. Hoffman, Manager

Operations Manager
Kathleen M. Cryan

Mapping Section Manager
Eric T. Pederson, P.S.

Financial Manager
Steven B. Danner-Rivers

April 14, 2017

NOTICE OF ADDENDUM
ADDENDUM NO. 3

CONTRACT NO. 7939
Madison Municipal Building Renovation

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

Attachments

MSR Addendum No. 3 Memorandum (pages 1-4)
Special Attachments: 1. ICA Explanation Memorandum (page 5)
2. Exhibit G revised and dated 04/14/2017

Specification Sections: 00 00 20; 04 01 40; 06 16 00; 08 44 10; 12 24 13
Detail Drawings: None
Drawings: A003; A102; A354; A401; A601; BE001; BE200; BE201; BE356; BE356.1

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on the Bid Express web site at:

http://www.bidexpress.com

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

Sincerely,

Robert F. Phillips, P.E., City Engineer

Cc: Mike Dailey

ADDENDUM NO. 003

MSR

Architecture
Interiors and
Urban Design

Date:	4/14/2017
Project Name:	**Madison Municipal Building Refurbishment**
Project No:	2014057.00
Project Phase:	Bid
Project Location:	Madison, WI
Issue Date:	4/14/2017
Bid Date:	3/24/2017

To: Plan Holders

From: MSR Design
701 South 2nd Street, 8th Floor
Minneapolis, MN USA 55401-2294
T 612 375 0336
F 612 342 2216

Introduction

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated 3/24/2017. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification. Reference made below to Specifications and Drawings shall be used as a guide only. When Specification Sections or Drawings are issued, changes made in Specification or on Drawings will take precedence over narrative explanation below. Contractor shall determine for themselves the work affected by Addendum items. It is assumed that specification sections and drawings are not attached unless specifically indicated as *Attached*.

Attachments

Specification Sections:	00 00 20; 04 01 40; 06 16 00; 08 44 10; 12 24 13
Detail Drawings:	None
Drawings:	A003; A102; A354; A401; A601; BE001; BE200; BE201; BE356; BE356.1
Special Attachments:	1. ICA Explanation Memorandum 2. Exhibit G revised and dated 04/14/2017

If attachments are not as stipulated above, please notify MSR Design promptly.

Changes to Project Manual

Modifications to Specifications

1. 00 00 20 – Revised notes regarding CFF-1
2. 04 01 40 - See Attached ICA Memorandum Attached
3. 06 16 00 – Sheathing clarification
4. 08 44 10 – Added Vetrotech as an approved alternate supplier.
5. 12 24 13 – Added Draper Inc, as an approved equal manufacturer.

Changes to Drawings

1. A003 – Light well remedial masonry work revised.
2. A102 - Door 218 was missing from the drawings and was added back again. Also confirmed the door schedule was updated.

3. A354 - Revised detail 6, Threshold Detail.
4. A401 – Revised details 6 and 8, interior stair tread nosing and pan.
5. A601 – Revised door schedule detail references.
6. BE001- See ICA Explanation Memorandum attached to this Addendum
7. BE200 – See ICA Explanation Memorandum attached to this Addendum
8. BE201 – See ICA Explanation Memorandum attached to this Addendum
9. BE356 – See ICA Explanation Memorandum attached to this Addendum
10. BE356.1- See ICA Explanation Memorandum attached to this Addendum

Substitution requests.

1. Vetrotech is approved as an alternate supplier for the rated glass walls and doors.
2. Draper, Inc. is approved as an acceptable manufacturer of the window shades.

Clarifications.

1. **Question:** *Sheet A601 – Door Schedule, jamb / head details indicate that Door E208 (E210 existing) and E212 are in new metal stud and drywall walls while the plans show them in an existing wall as existing to remain (similar to door E214 which shows as existing to remain). Please verify that these doors are in an existing wall.*
   Answer: They are existing doors to remain. The details on the door schedule have been updated.

2. **Question:** *Sheet A601 – Door Schedule shows Door E221A as a reuse of Door E324 and in a new metal stud and drywall wall. The plans show the door as "existing" in place in an existing wall. Please clarify.*
   Answer: E221A is an existing historic door relocated to an existing masonry wall. The details on the door schedule have been updated.

3. **Question:** *Sheet A601 – Door Schedule shows Door E302 as a reuse of Door E331 and in a new metal stud and drywall wall. The plans show the door as "existing" in place in an existing wall. Please clarify.*
   Answer: E302 is an existing historic door relocated to an existing masonry wall. The details on the door schedule have been updated.

4. **Question:** *Please confirm if there is existing electrical equipment in the electrical vault that will need to be protected from weather during the reconstruction of the lid or if it will be empty.*
   Answer: The scheduling of when the existing equipment is de-energized and removed in relation to the vault roof replacement needs to be coordinated between the GC and the Utility Company (MGE) once the project is awarded. We do know that not all equipment will be removed because some will be reused with the new equipment, so we recommend making provision for some equipment being there and needing protecting during the construction of the new roof.

5. **Question:** *Sheet BE357.4 shows new concrete walls at the sides of the Wilson St stairs. Referencing the structural drawings the side walls are called to be existing. Please confirm if the side walls are new or existing. If they are new please revise the structural drawings accordingly.*
   Answer: Revised structural information will be issued with Addendum 4

6. **Question:** Detail 1/BE001 calls for the window well on the left side to be rebuilt. Please provide details on how to rebuild the window well. No details are provided.
   Answer: More information will be provided with Addendum 4.

7. **Question:** *On the A350 series drawings there are frequent references to SHTG-1 and SHTG-2. In specification section 061600-3, these products are referenced, but the plywood thickness is not provided. Please provide the product thicknesses for each SHTG-1 and SHTG-2. Furthermore in the same specification section, please clarify the fasteners under part 2.7.A as both zinc and stainless steel are referenced.*
   Answer: Plywood to be ¾" thick and fasteners can be either zinc or stainless.

8. **Question:** *Please review and clarify part 2.4.E of specification section 061600 regarding the application of fire-treated plywood. Is the application all plywood unless otherwise indicated or as indicated on the drawings.*
   Answer: Fire retardant treated plywood is only needed where used as blocking in fire rated walls.

9. **Question:** *In specification section 061600 – 3 part 2.8.1, please review and clarify this section. There are multiple standards and VOC contents listed. Is it the intent that all options listed are acceptable?*
   Answer: Adhesive shall have a VOC content of 50 g/L or less. This conforms with the VOC limits in Spec 018113.13.

10. **Question:** *In addendum #1 under exhibit G stone N3 F13 5 calls for repairing of Sacred Stone and states that no work is to commence on stone prior to approval. Please clarify what we are to include for stone repairs at this stone, or if we are to not include this work.*
    Answer: Answer will be provided in Addendum 4.

11. **Question:** *Sheet BE001 general note 5 states that all term bar fastener holes left exposed to view when done are to be patched. Reviewing the plans we do not see where this would apply. Please clarify where this would apply since it appears that all areas where there would have been termination bars there would be new ones going back in its place for the new roof (example would be 2/BE344.1) or the veneer material is being replaced (parapets)*
    Answer: See ICA Explanation Memorandum and revised BE001 drawings attached to this Addendum.

12. **Question:** *Sheet A001 calls for a new concrete plaza edge and has what appears some type of wall/curb along the North side of the building and states to see civil and architectural drawings. The civil and architectural drawings to not provide any information for what this is. Please provide a detail of what we are to provide.*
    Answer: Per City Directive, there is no curb or retaining wall along this condition, as indicated on the Civils drawings.

13. **Question:** *Sheet C100 calls for railings at the concrete ramp on the West side of the building to be salvaged, refurbished and reused. Detail 16/A002 calls for new railings at this location. Please confirm if we are to refurbish and reuse or if we are to use new railings.*
    Answer: The note on C100 should be ignored and the details on A002 should be followed.

14. **Question:** *Sheet C100 on the North side near the loading dock it states that existing area way and grate to remain. Per 3/A002 a new grating is called out. Please clarify if we are to replace the grating or if we are to leave it as existing.*
    Answer: The note on C100 should be ignored and the details on A002 should be followed.

15. **Question:** *On sheet AD102 on the south side of the main corridor there are 5 spots marked with demo note D5, but on the new plan it appears that the existing doors remain in the same place and no new doors are needed. Please confirm the 5 spots with demo note D5 be ignored.*
    Answer: Answer: The D5 notes in this area can be ignored.

End of Addendum 003

ADDENDUM No. 3 Special Attachment 1

ICA Explanation Memorandum: Addendum 3, dated 04/14/17

Changes to the specifications are:

Section 04 01 40 HISTORIC STONE PRESERVATION/RESTORATION:

Page 040140-6, 1.5 SUBMITTALS, 3.
Changed to "at least five (5) individual projects completed in the last 15 years with at least two (2) projects over $1 million dollars"

Page 040140-6, 1.5 SUBMITTALS, 4.
Changed to "at least 5 projects"

Changes to Exhibit F are as follows:

Sheet BE001:
General notes 8, 18 and 20 have been edited to further clarify scope/intent of masonry work.

General note 22 has been added to address the location and installation of roof drain overflow lambs tongues and fire department connections.

BE200 and BE201:
Shading indicating work scope location was removed to avoid conflict with information provided on sheets BE202-BE223). BE200 and BE201 are to be considered key elevations to assist in navigating the documents.

Sheets BE356 and BE356.1:
Modify work scope note; the chimney work scope has been altered to further minimize expense. No lead cap flashings are required. Contractor shall install new sealant and backer rod at all chimney cap joints and shall install a new plywood cap at the flue which shall be flashed in with fully adhered EPDM.

Changes to Exhibit G are as follows:

Stone number

E1	B9	1	Hose bib repair notes will be added
E2	B7	3	Hose bib repair notes will be added
N3	B9	9	Photo provided by the city will be changed to correct photo
N1	B2	9	Has been added back to the project with its original scope
N1	B3	10	Has been added back to the project with its original scope
N1	B6	7R	Has been added back to the project with its original scope

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Madison Municipal Building - Renovation
Exhibit G

ADDENDUM 3: 04.14.2017 4/7/2017

Stone Number-Refer to Exhibit F
Building Elevations

E1 B9 1

Zone: E1

Description of Work:

Install new hose bib in the existing opening. Patch as required.

Quantity:

Phase I

True

Zone: E1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 4.7.2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E1

E1 F1 5L

Description of Work:

8. CONSOLIDATION REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.13; INSTALL CONSOLIDATION MATERIAL AS SPECIFIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. ESTIMATES FOR SCOPE OF THIS TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

Quantity: 2 Sq. Ft.

Phase I True

Zone: E1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 4/7/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E1

E1 F2 4L

Description of Work:

8. CONSOLIDATION REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.13; INSTALL CONSOLIDATION MATERIAL AS SPECIFIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. ESTIMATES FOR SCOPE OF THIS TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

Quantity: 2 Sq. Ft.

Phase I True

Zone: E1

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Madison Municipal Building - Renovation
Exhibit G

ADDENDUM 3: 04.14.2017 4.7.2017

Stone Number-Refer to Exhibit F
Building Elevations

E2 B5 4

Zone: E2A

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: E2A

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115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E2 B6 4L

Zone: E2A

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 96 Cu. In.

Phase I True

Zone: E2A

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115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 4/7/2017

Stone Number-Refer to Exhibit F
Building Elevations

E2 B7 3

Zone: E2A

Description of Work:

Install new hose bib in the existing opening. Patch as required.

Quantity:

Phase I

True

Zone: E2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2A

E2 B9 3L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 120 Cu. In.

Phase I True

Zone: E2A

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Madison, Wisconsin 53703
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Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2A

E2 P3 4

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Cu. In. Phase I True

Zone: E2A

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Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2A

E2 P3 5

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Cu. In.

Phase I True

Zone: E2A

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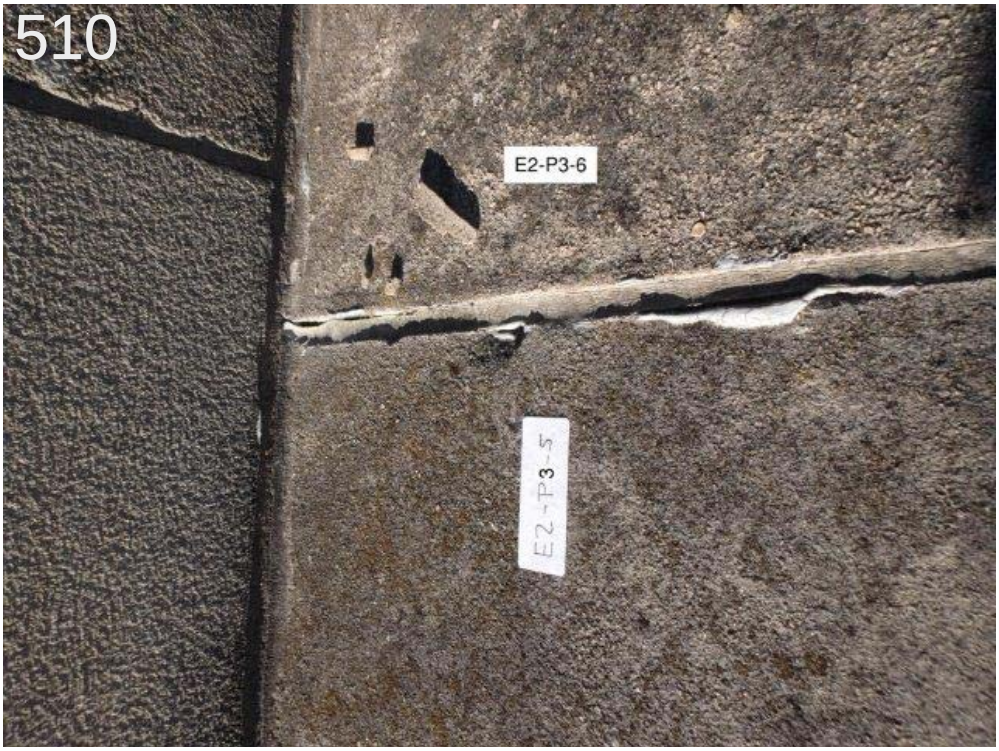
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E2 P3 6

Zone: E2A



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Cu. In.

Phase I True

Zone: E2A

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115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E2 P4 6

Zone: E2A

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 144 Cu. In.

Phase I True

Zone: E2A

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(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2A

E2 P5 11

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: E2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E2 S1 4S

Zone: E2A

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 24 Ln. In.

Phase I True

Zone: E2A

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Madison Municipal Building - Renovation
Exhibit G

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2B

E2 P4 7

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Cu. In.

Phase I True

Zone: E2B

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Madison, Wisconsin 53703
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Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2B

E2 S1 10SL

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 24 Ln. In.

Phase I True

Zone: E2B

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Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2B

E2 S1 6SL

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 24 Ln. In.

Phase I True

Zone: E2B

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Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2C

E2 B6 16L

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity:	5	Ln. In.	Phase I	True

Zone: E2C

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Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2C

E2 F4 17R

Description of Work:

12. ROUT, LIME INJECTION, SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2 AND 3.8; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 12 Sq. In.

Phase I True

Zone: E2C

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Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E2 P5 43

Zone: E2C

Description of Work:

13. MASONRY ADHESIVE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.9; REMOVE STONE FRAGMENTS AND RESERVE FOR ADHESION, APPLY ADHESIVE AND REINSTALL FRAGMENTS USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF MASONRY ADHESIVE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Sq. In. Phase I True

Zone: E2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2C

E2 P5 45

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: E2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2C

E2 P5 47

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: E2C

InSite Consulting Architects
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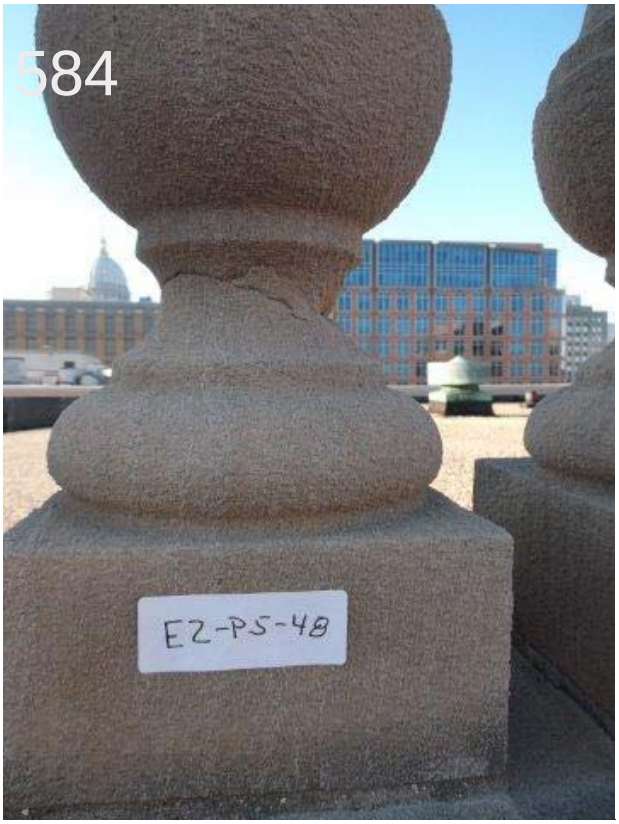
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E2C

E2 P5 48



Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: E2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

E3 B5 5S

Zone: E3

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 16 Ln. In. Phase I True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E3 B6 3L

Zone: E3

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 216 Cu. In.

Phase I True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E3 B6 5R

Zone: E3

Description of Work:

12. ROUT, LIME INJECTION, SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2 AND 3.8; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Ln. In.

12

Phase I True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E3 B9 5R

Zone: E3

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 15 Cu. In.

Phase I True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E3

E3 F13 3SL

Description of Work:

12. ROUT, LIME INJECTION, SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2 AND 3.8; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 72 Ln. In.
72 Ln. In.
12

Phase I True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E3

E3 F4 4SL

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 475 Cu. In.

Phase I True

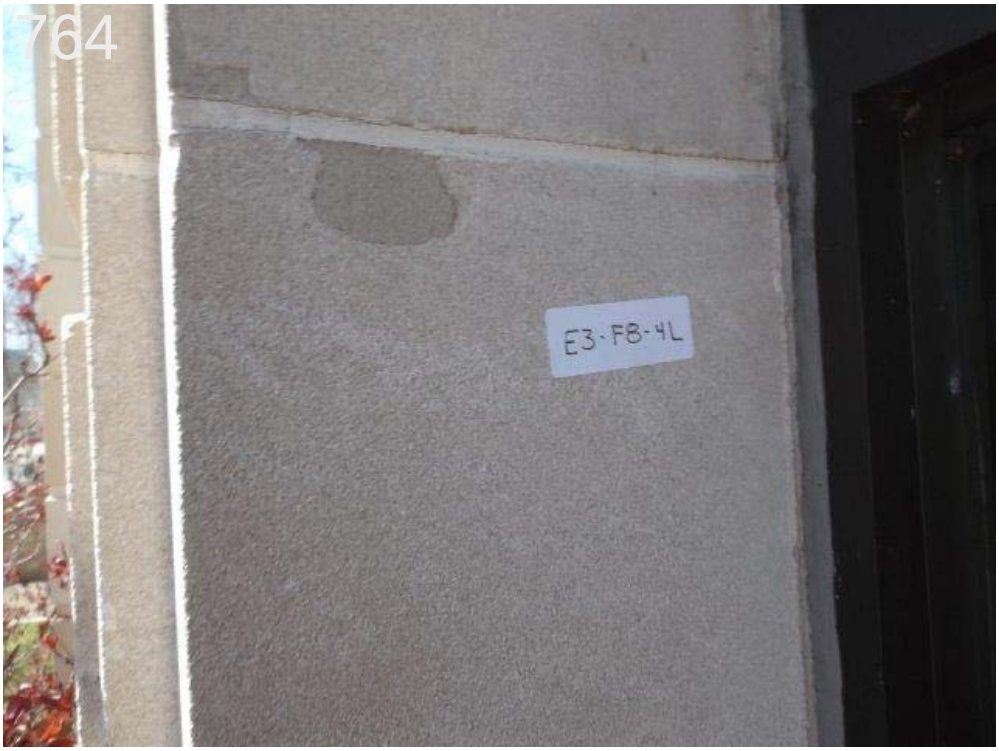
Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E3 F8 4L

Zone: E3



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 15 Cu. In.

Phase I True

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E3

E3 P4 6

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 5 Ln. In.

Phase I True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E3 S10 3

Zone: E3

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 14 Ln. In. Phase I True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017

Stone Number-Refer to Exhibit F
Building Elevations

E3 S10 4

Zone: E3

Description of Work:

5. SACRED STONE - THIS IS A STONE THAT HAS SPECIAL INSTRUTIONS OR MULTIPLE PRESERVATION TECHNIQUES. ESTIMATES FOR SCOPE OF EACH TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

The stone arch at window S-23 will require some measure of deconstruction and temporary support. Final scope will require inspection in the field by Architect. Assume for the purposes of this bid all of the stones identified as sacred will require replace

Quantity:

Phase I

True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E3

E3 S11 5H

Description of Work:

4. MORTAR PATCH - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.12; THIS IS A PASSIVE REPAIR, NO EXCESSIVE PATCHING OF STONE IS REQUIRED. CAREFULLY REMOVE ANY DETERIORATED STONE AND ADJACENT STONE THAT HAS BEEN DAMAGED. PLACE WITH NEW MORTAR, AS PART OF THE REQUIRED 100% REPOINTING WORK AT ALL MASONRY AREAS. THIS WORK SHOULD BE INCLUDED IN THE OVERALL COST FOR REPOINTING - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: Phase I True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E3 S12 4

Zone: E3

Description of Work:

5. SACRED STONE - THIS IS A STONE THAT HAS SPECIAL INSTRUTIONS OR MULTIPLE PRESERVATION TECHNIQUES. ESTIMATES FOR SCOPE OF EACH TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

The stone arch at window S-23 will require some measure of deconstruction and temporary support. Final scope will require inspection in the field by Architect. Assume for the purposes of this bid all of the stones identified as sacred will require replace

Quantity:

Phase I

True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E3 S12 4H

Zone: E3

Description of Work:

5. SACRED STONE - THIS IS A STONE THAT HAS SPECIAL INSTRUTIONS OR MULTIPLE PRESERVATION TECHNIQUES. ESTIMATES FOR SCOPE OF EACH TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

The stone arch at window S-23 will require some measure of deconstruction and temporary support. Final scope will require inspection in the field by Architect. Assume for the purposes of this bid all of the stones identified as sacred will require replace

Quantity:

Phase I

True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E3 S12 5H

Zone: E3

Description of Work:

5. SACRED STONE - THIS IS A STONE THAT HAS SPECIAL INSTRUTIONS OR MULTIPLE PRESERVATION TECHNIQUES. ESTIMATES FOR SCOPE OF EACH TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

The stone arch at window S-23 will require some measure of deconstruction and temporary support. Final scope will require inspection in the field by Architect. Assume for the purposes of this bid all of the stones identified as sacred will require replace

Quantity: Phase I True

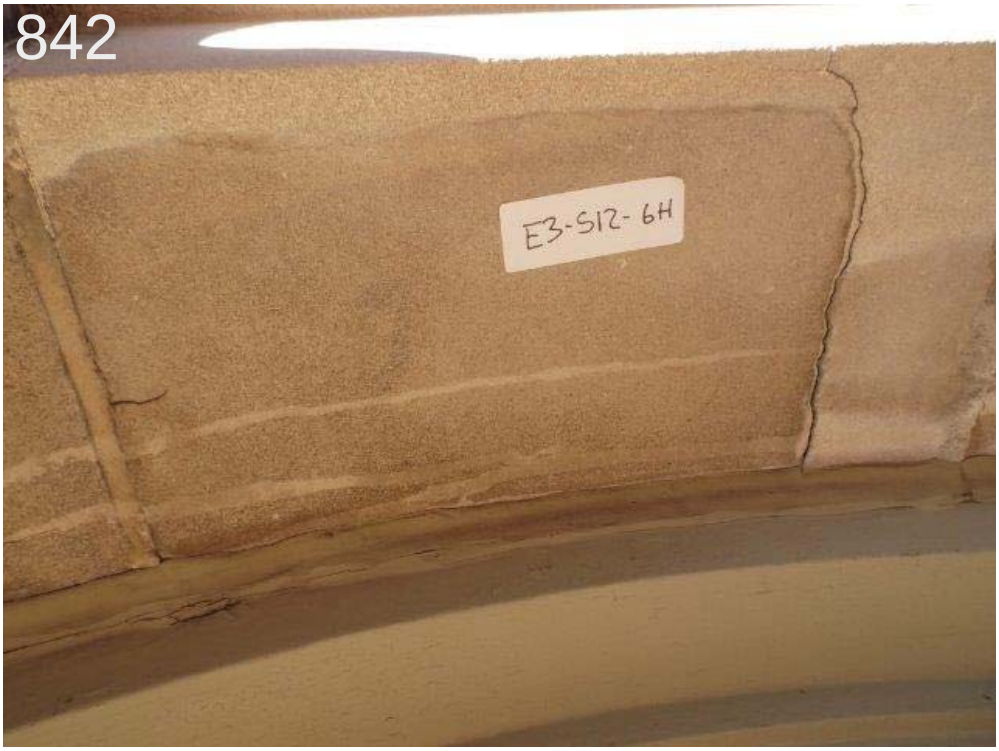
Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

E3 S12 6H

Zone: E3



Description of Work:

5. SACRED STONE - THIS IS A STONE THAT HAS SPECIAL INSTRUTIONS OR MULTIPLE PRESERVATION TECHNIQUES. ESTIMATES FOR SCOPE OF EACH TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

The stone arch at window S-23 will require some measure of deconstruction and temporary support. Final scope will require inspection in the field by Architect. Assume for the purposes of this bid all of the stones identified as sacred will require replace

Quantity:

Phase I

True

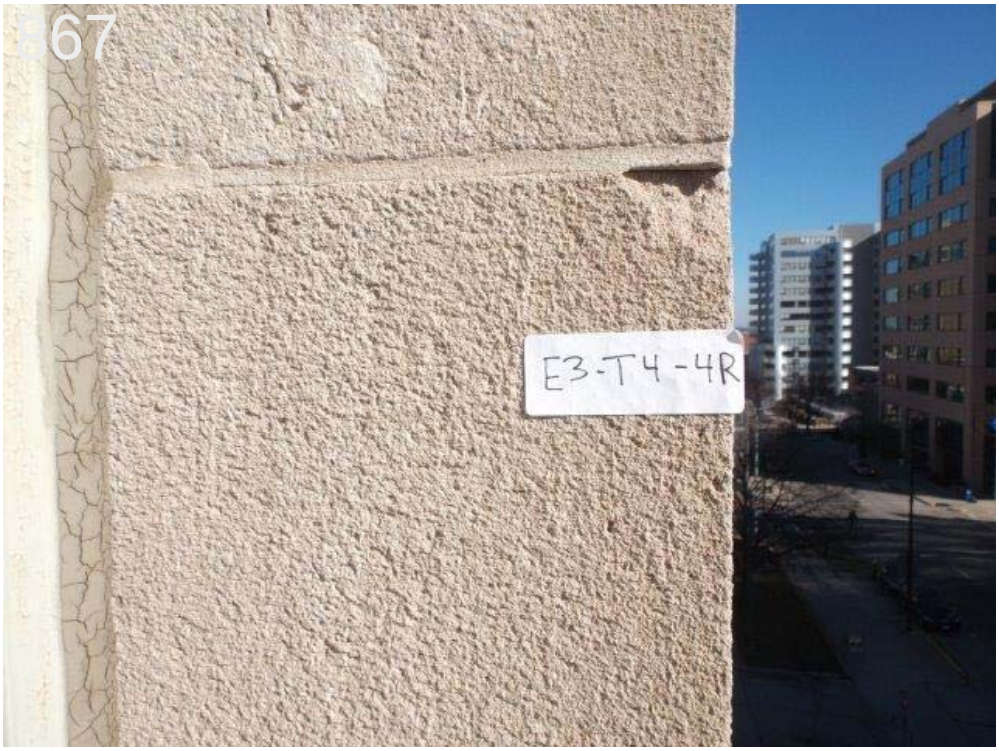
Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: E3

E3 T4 4R



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Cu. In.

Phase I True

Zone: E3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

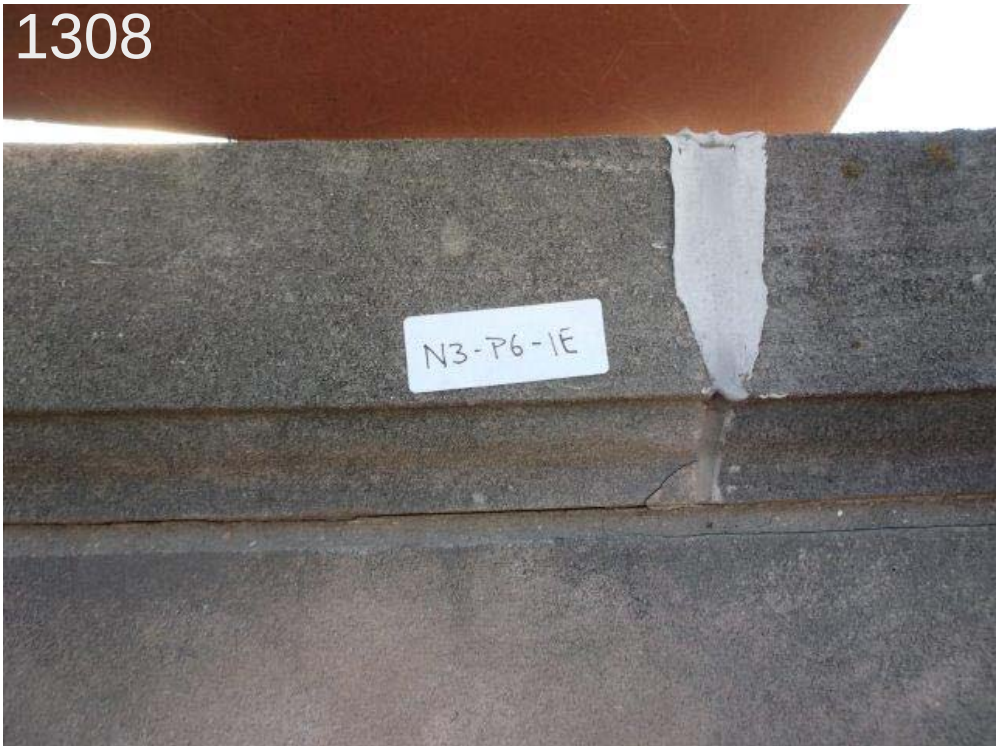
Madison Municipal Building - Renovation
Exhibit G

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

N3 P6 1E

Zone: E4



Description of Work:

13. MASONRY ADHESIVE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.9; REMOVE STONE FRAGMENTS AND RESERVE FOR ADHESION, APPLY ADHESIVE AND REINSTALL FRAGMENTS USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF MASONRY ADHESIVE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Sq. In. Phase I True

Zone: E4

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Madison Municipal Building - Renovation
Exhibit G

ADDENDUM 3: 04.14.2017 4/11/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: N1

N1 B2 4

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 768 Cu. In.

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B2 6

Zone: N1

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 384 Cu. In.

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B2 9

Zone: N1

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B3 10

Zone: N1

Description of Work:

15. REDRESS IN-SITU - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.10; CAREFULLY REMOVE LOOSE STONE FRAGMENTS FROM FACE OF STONE AND FINISH FACE OF STONE TO MATCH EXISTING TEXTURE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AREA OF REDRESS IN-SITU NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Sq. Ft. Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B3 6

Zone: N1

Description of Work:

15. REDRESS IN-SITU - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.10; CAREFULLY REMOVE LOOSE STONE FRAGMENTS FROM FACE OF STONE AND FINISH FACE OF STONE TO MATCH EXISTING TEXTURE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AREA OF REDRESS IN-SITU NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Sq. Ft. Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B3 9

Zone: N1

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B4 5

Zone: N1

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Ln. In.
4 Ln. In.

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B5 5S

Zone: N1

Description of Work:

6. ADHESIVE WITH HELICAL ANCHOR AND SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTIONS 3.9 AND 3.2; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B5 8S

Zone: N1

Description of Work:

6. ADHESIVE WITH HELICAL ANCHOR AND SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTIONS 3.9 AND 3.2; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B6 3L

Zone: N1

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 12 Cu. In.

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B6 4

Zone: N1

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In.

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B6 4R

Zone: N1

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 100 Cu. In. Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 B6 7R

Zone: N1

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In.

Phase I True

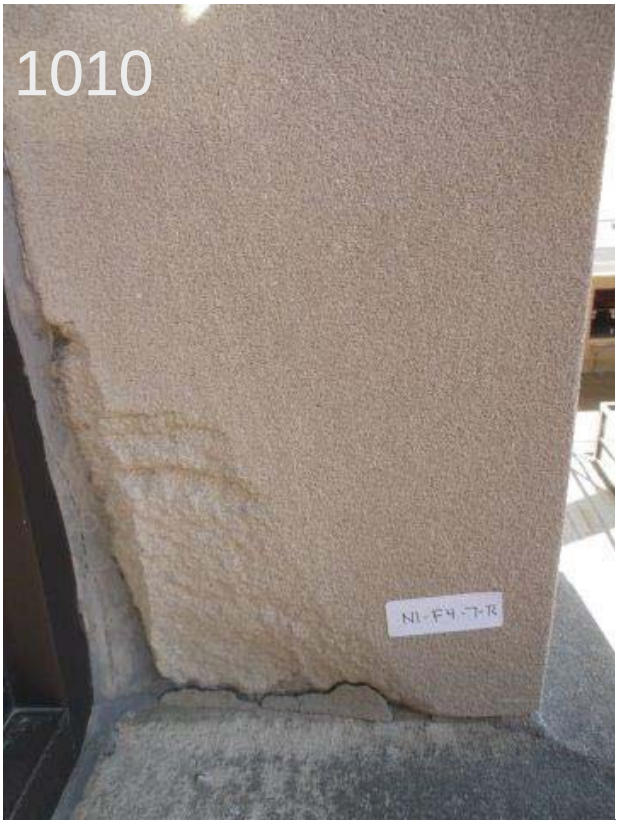
Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: N1

N1 F4 7R



Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 120 Cu. In.

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: N1

N1 P3 1

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 18 Cu. In.

Phase I True

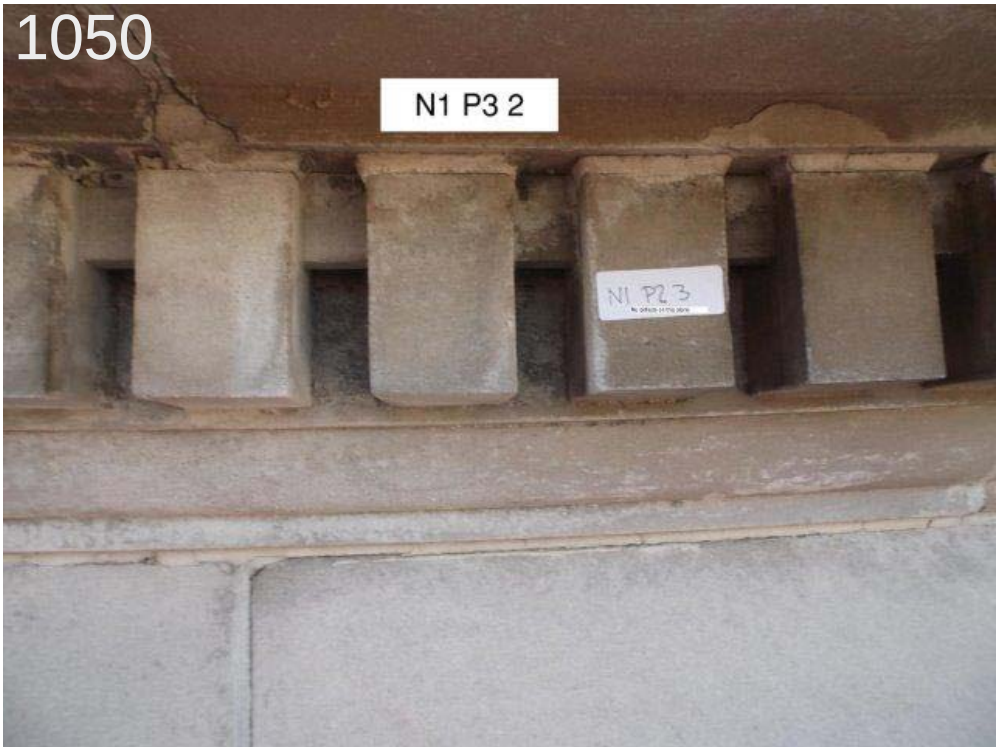
Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 P3 2

Zone: N1



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 10 Cu. In.

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 P4 4

Zone: N1

Description of Work:

7. REMOVE, REVERSE, REDRESS, RESET - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.5; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 P4 5

Zone: N1

Description of Work:

7. REMOVE, REVERSE, REDRESS, RESET - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.5; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N1 S1 5L

Zone: N1

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 16 Cu. In.

Phase I True

Zone: N1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 4/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: N3

N3 B9 9

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Cu. In.

Phase I True

Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: N3

N3 F10 4L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 144 Sq. In

Phase I True

Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N3 F10 7R

Zone: N3

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 60 Cu. In.

Phase I True

Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N3 F11 6H

Zone: N3

Description of Work:

15. REDRESS IN-SITU - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.10; CAREFULLY REMOVE LOOSE STONE FRAGMENTS FROM FACE OF STONE AND FINISH FACE OF STONE TO MATCH EXISTING TEXTURE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AREA OF REDRESS IN-SITU NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 72 Sq. In. Phase I True

Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N3 F13 5

Zone: N3

Description of Work:

5. SACRED STONE - THIS IS A STONE THAT HAS SPECIAL INSTRUTIONS OR MULTIPLE PRESERVATION TECHNIQUES. ESTIMATES FOR SCOPE OF EACH TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

Quantity: 1 Each

Phase I True

Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: N3

N3 F8 7R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 48 Sq. In. Phase I True

Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: N3

N3 F9 4L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 240 Sq. In.

Phase I True

Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N3 F9 6L

Zone: N3

Description of Work:

15. REDRESS IN-SITU - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.10; CAREFULLY REMOVE LOOSE STONE FRAGMENTS FROM FACE OF STONE AND FINISH FACE OF STONE TO MATCH EXISTING TEXTURE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AREA OF REDRESS IN-SITU NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 144 Sq. In.

Phase I True

Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

N3 P5 10

Zone: N3

Description of Work:

13. MASONRY ADHESIVE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.9; REMOVE STONE FRAGMENTS AND RESERVE FOR ADHESION, APPLY ADHESIVE AND REINSTALL FRAGMENTS USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF MASONRY ADHESIVE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Sq. In. Phase I True

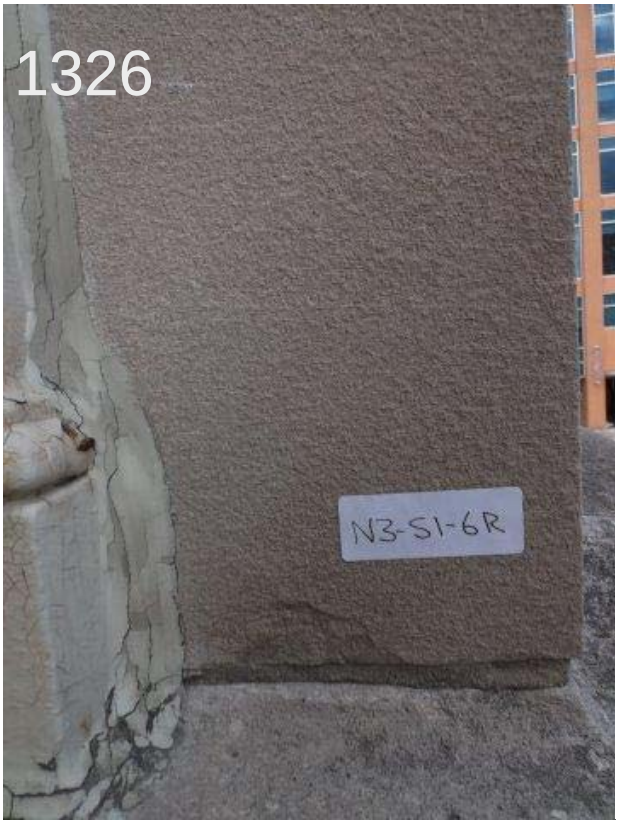
Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: N3

N3 S1 6R



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In. Phase I True

Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: N3

N3 S12 5H

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 108 Cu. In.

Phase I True

Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: N3

N3 S6 5R

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Ln. In.

Phase I True

Zone: N3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S1

S1 B10 7

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 15 Cu. In.

Phase I True

Zone: S1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S1

S1 F4 5R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Cu. In. Phase I True

Zone: S1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S1

S1 F8 4L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Cu. In.

Phase I True

Zone: S1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S1 P3 2

Zone: S1

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 25 Cu. In.

Phase I True

Zone: S1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S1

S1 P3 5

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 12 Cu. In.

Phase I True

Zone: S1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S1 P5 8

Zone: S1

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 10 Ln. In.

Phase I True

Zone: S1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2A

S2 F7 5R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 20 Cu. In.

Phase I True

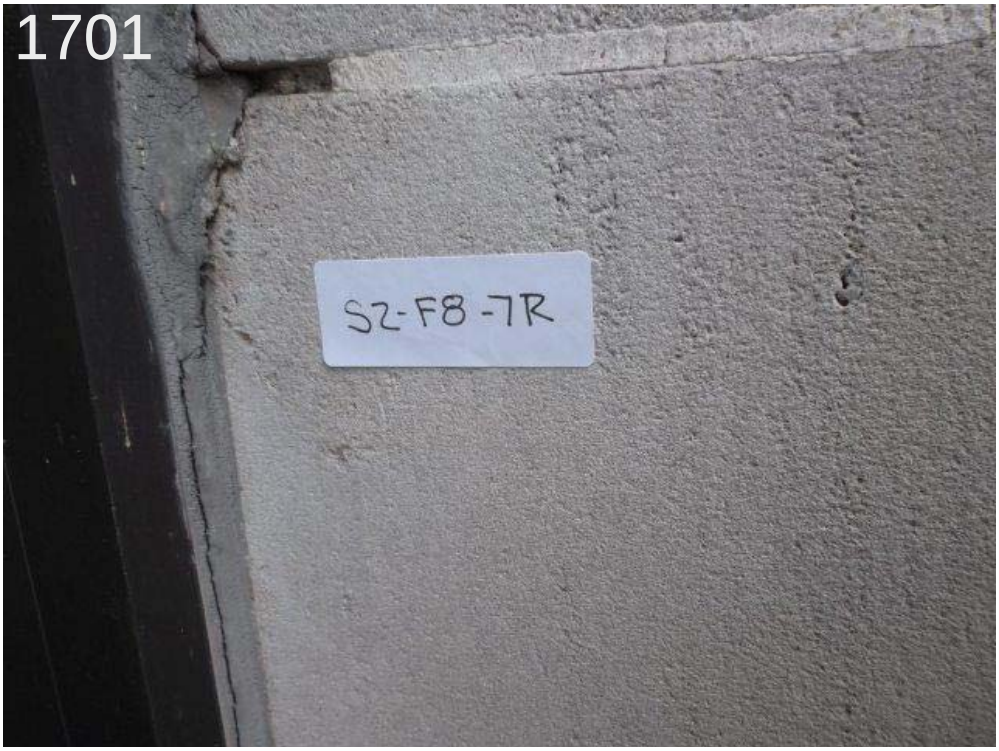
Zone: S2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 F8 7R

Zone: S2A



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In. Phase I True

Zone: S2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2A

S2 F9 5R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In.

Phase I True

Zone: S2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2A

S2 P3 1RT

Description of Work:

13. MASONRY ADHESIVE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.9; REMOVE STONE FRAGMENTS AND RESERVE FOR ADHESION, APPLY ADHESIVE AND REINSTALL FRAGMENTS USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF MASONRY ADHESIVE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Sq. In. Phase I True

Zone: S2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P4 5

Zone: S2A

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Ln. In. Phase I True

Zone: S2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P4 7

Zone: S2A

Description of Work:

15. REDRESS IN-SITU - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.10; CAREFULLY REMOVE LOOSE STONE FRAGMENTS FROM FACE OF STONE AND FINISH FACE OF STONE TO MATCH EXISTING TEXTURE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AREA OF REDRESS IN-SITU NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 12 Sq. Ft. Phase I True

Zone: S2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2A

S2 P5 13

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: S2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P5 18

Zone: S2A

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: S2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P5 2

Zone: S2A

Description of Work:

6. ADHESIVE WITH HELICAL ANCHOR AND SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTIONS 3.9 AND 3.2; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: S2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

S2 S1 5S

Zone: S2A

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 5 Cu. In.

Phase I True

Zone: S2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2B

S2 B10 13H

Description of Work:

15. REDRESS IN-SITU - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.10; CAREFULLY REMOVE LOOSE STONE FRAGMENTS FROM FACE OF STONE AND FINISH FACE OF STONE TO MATCH EXISTING TEXTURE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AREA OF REDRESS IN-SITU NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 48 Sq. Ft. Phase I True

Zone: S2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2B

S2 F7 13L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In.

Phase I True

Zone: S2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2B

S2 F8 11R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 16 Cu. In.

Phase I True

Zone: S2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2B

S2 F8 12L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Cu. In.

Phase I True

Zone: S2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2B

S2 F9 10L

Description of Work:

16. FASTENER REMOVAL AND SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTIONS 3.3 AND 3.2; REMOVE EXISTING FERROUS AND NON-FERROUS ANCHOR USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; INSTALL ENGINEERED STONE PATCH AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. CLEAN ALL FERROUS STAINING USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE NUMBER OF FASTENER AND SSP REPAIRS NEEDED FOR THIS WORK ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity:	1	Each	Phase I	True

Zone: S2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2B

S2 F9 14R

Description of Work:

16. FASTENER REMOVAL AND SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTIONS 3.3 AND 3.2; REMOVE EXISTING FERROUS AND NON-FERROUS ANCHOR USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; INSTALL ENGINEERED STONE PATCH AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. CLEAN ALL FERROUS STAINING USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE NUMBER OF FASTENER AND SSP REPAIRS NEEDED FOR THIS WORK ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each Phase I True

Zone: S2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2B

S2 P3 10

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 20 Ln. In.

Phase I True

Zone: S2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2B

S2 P5 28

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: S2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P5 44L

Zone: S2B

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Ln. In. Phase I True

Zone: S2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P5 49

Zone: S2B

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: S2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 B11 18.2T

Zone: S2C

Description of Work:

5. SACRED STONE - THIS IS A STONE THAT HAS SPECIAL INSTRUTIONS OR MULTIPLE PRESERVATION TECHNIQUES. ESTIMATES FOR SCOPE OF EACH TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

Remove all coatings from granite tread stone and prepare stone for review of options to improve foot traffic traction. The foot traffic traction work will be by separate contract.

Quantity: 1 Each

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 B11 18.4T

Zone: S2C

Description of Work:

5. SACRED STONE - THIS IS A STONE THAT HAS SPECIAL INSTRUTIONS OR MULTIPLE PRESERVATION TECHNIQUES. ESTIMATES FOR SCOPE OF EACH TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

Remove all coatings from granite tread stone and prepare stone for review of options to improve foot traffic traction. The foot traffic traction work will be by separate contract.

Quantity:	1	Each	Phase I	True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2C

S2 B11 18.6T

Description of Work:

5. SACRED STONE - THIS IS A STONE THAT HAS SPECIAL INSTRUTIONS OR MULTIPLE PRESERVATION TECHNIQUES. ESTIMATES FOR SCOPE OF EACH TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

Remove all coatings from granite tread stone and prepare stone for review of options to improve foot traffic traction. The foot traffic traction work will be by separate contract.

Quantity:	1	Each	Phase I	True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2C

S2 F1 19L

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 F1 20R

Zone: S2C

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 F1 22L

Zone: S2C

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 F1 23R

Zone: S2C

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2C

S2 F1 25

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity:	1	Each	Phase I	True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2C

S2 F1 26

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

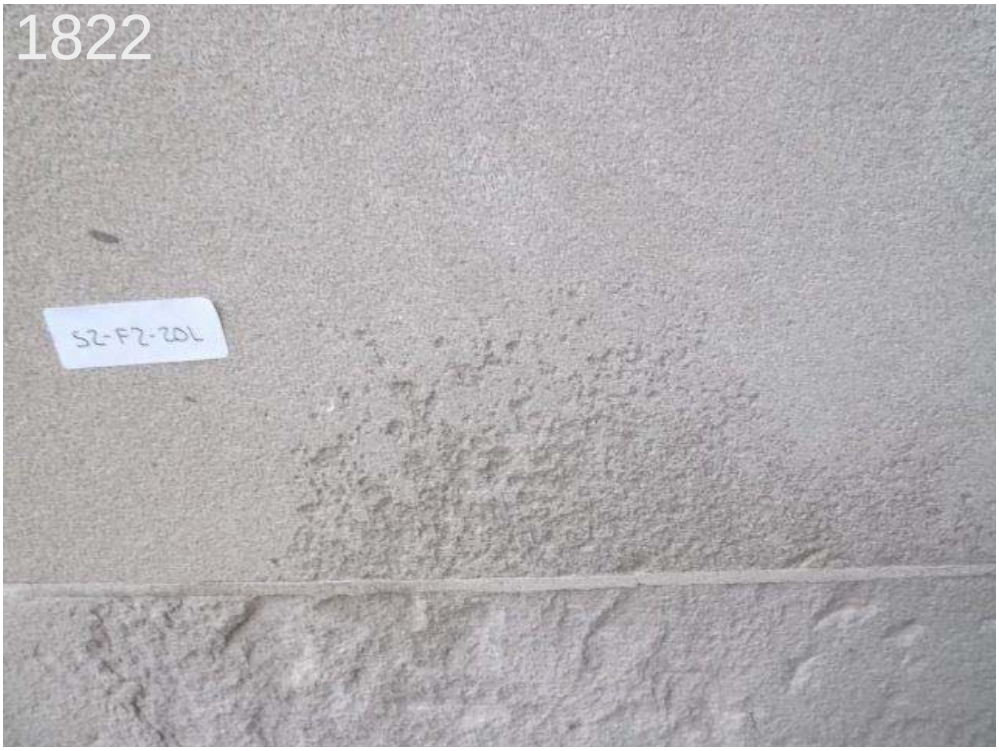
Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 F2 20L

Zone: S2C



Description of Work:

8. CONSOLIDATION REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.13; INSTALL CONSOLIDATION MATERIAL AS SPECIFIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. ESTIMATES FOR SCOPE OF THIS TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

Quantity: 2 Sq. Ft.

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 F2 21R

Zone: S2C

Description of Work:

8. CONSOLIDATION REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.13; INSTALL CONSOLIDATION MATERIAL AS SPECIFIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. ESTIMATES FOR SCOPE OF THIS TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

Quantity: 2 Sq. Ft.

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 F2 23L

Zone: S2C

Description of Work:

8. CONSOLIDATION REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.13; INSTALL CONSOLIDATION MATERIAL AS SPECIFIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. ESTIMATES FOR SCOPE OF THIS TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

Quantity: 3 Sq. Ft.

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P3 22

Zone: S2C

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In.

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

S2 P4 19

Zone: S2C

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Ln. In.

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P5 56

Zone: S2C

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In. Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P5 73

Zone: S2C

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P6 18

Zone: S2C

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 64 Cu. In.

Phase I True

Zone: S2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

S2 B6 21L

Zone: S2D

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Ln. In. Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 F10 20L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 25 Cu. In.

Phase I True

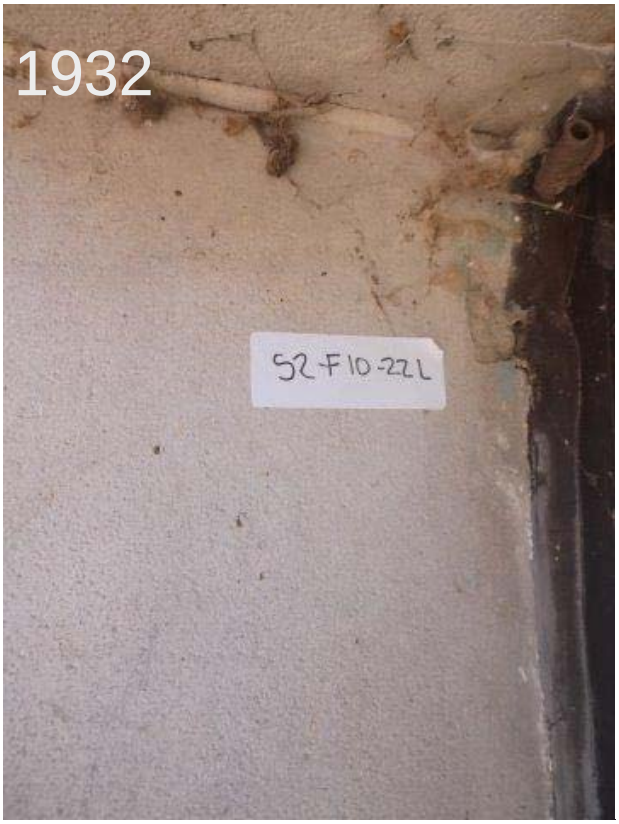
Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 F10 22L



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In. Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 F10 23R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In. Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 F6 21R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 10 Cu. In. Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 F7 25R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In. Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 F7 27L

Zone: S2D

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In. Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 F9 27L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Cu. In.

Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 F9 28R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Cu. In. Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P3 28

Zone: S2D

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In.

Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P3 29

Zone: S2D

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In.

Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P3 34

Zone: S2D

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 32 Cu. In.

Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 P4 28

Description of Work:

18. REMOVE, REDRESS, RESET - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.5; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 P4 29

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In. Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 P4 33

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In.

Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 P4 34

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In.

Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P5 93

Zone: S2D

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2D

S2 P5 94

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P5 95

Zone: S2D

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: S2D

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2E

S2 B6 27L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 24 Cu. In.

Phase I True

Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 B6 28

Zone: S2E

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In.

Phase I True

Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2E

S2 B6 28R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In. Phase I True

Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2E

S2 B7 19

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Ln. In. Phase I True

Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 B7 19L

Zone: S2E

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 10 Ln. In.

Phase I True

Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2E

S2 B8 27L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Cu. In.

Phase I True

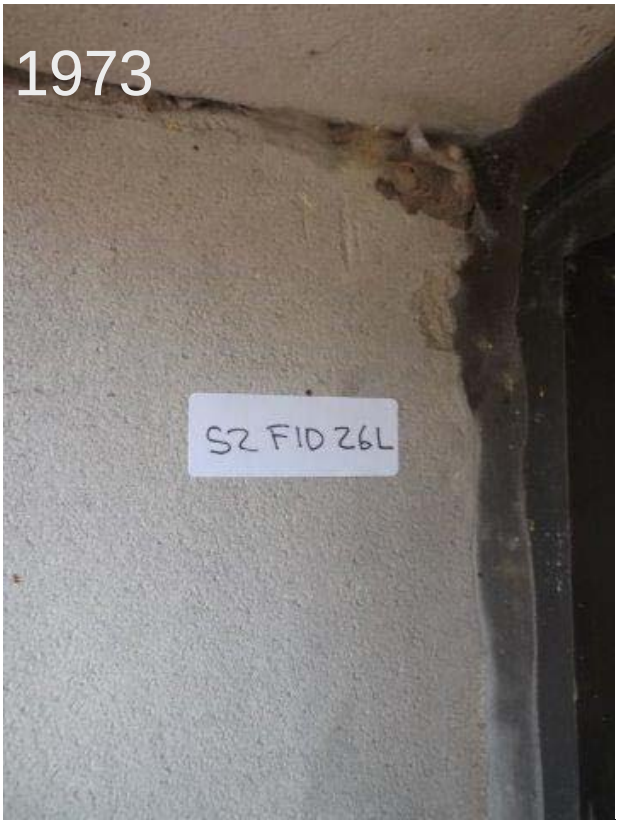
Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2E

S2 F10 26L



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In. Phase I True

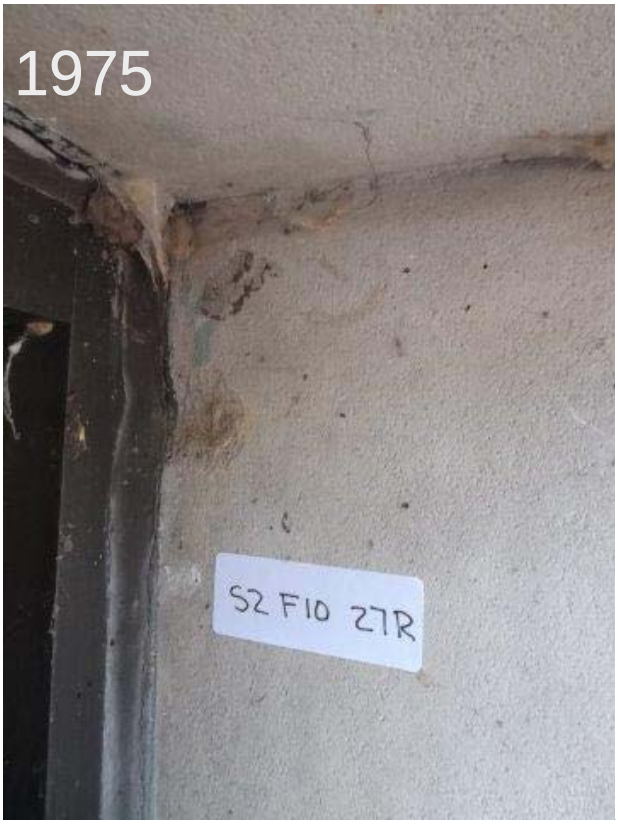
Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2E

S2 F10 27R



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In. Phase I True

Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2E

S2 F11 28H

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In. Phase I True

Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P3 37

Zone: S2E

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Cu. In.

Phase I True

Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: S2E

S2 P3 41

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 36 Ln. In.

Phase I True

Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P4 37

Zone: S2E

Description of Work:

18. REMOVE, REDRESS, RESET - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.5; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

S2 P4 41

Zone: S2E

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In.

Phase I True

Zone: S2E

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Madison Municipal Building - Renovation
Exhibit G

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

S3 F3 4S

Zone: S3

Description of Work:

12. ROUT, LIME INJECTION, SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2 AND 3.8; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 9 Ln. In.

Phase I True

Zone: S3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017

Stone Number-Refer to Exhibit F
Building Elevations

S3 T2 3L

Zone: S3

Description of Work:

6. ADHESIVE WITH HELICAL ANCHOR AND SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTIONS 3.9 AND 3.2; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: S3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017

Stone Number-Refer to Exhibit F
Building Elevations

W1 B1 3R

Zone: W1

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 10 Ln. In.

Phase I True

Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W1

W1 B2 4R

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W1

W1 B3 2

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W1 B4 2

Zone: W1

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W1

W1 B4 3L

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity:	1	Each	Phase I	True

Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

W1 B6 1

Zone: W1

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W1

W1 B6 2R

Description of Work:

15. REDRESS IN-SITU - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.10; CAREFULLY REMOVE LOOSE STONE FRAGMENTS FROM FACE OF STONE AND FINISH FACE OF STONE TO MATCH EXISTING TEXTURE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AREA OF REDRESS IN-SITU NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 64 Sq. In. Phase I True

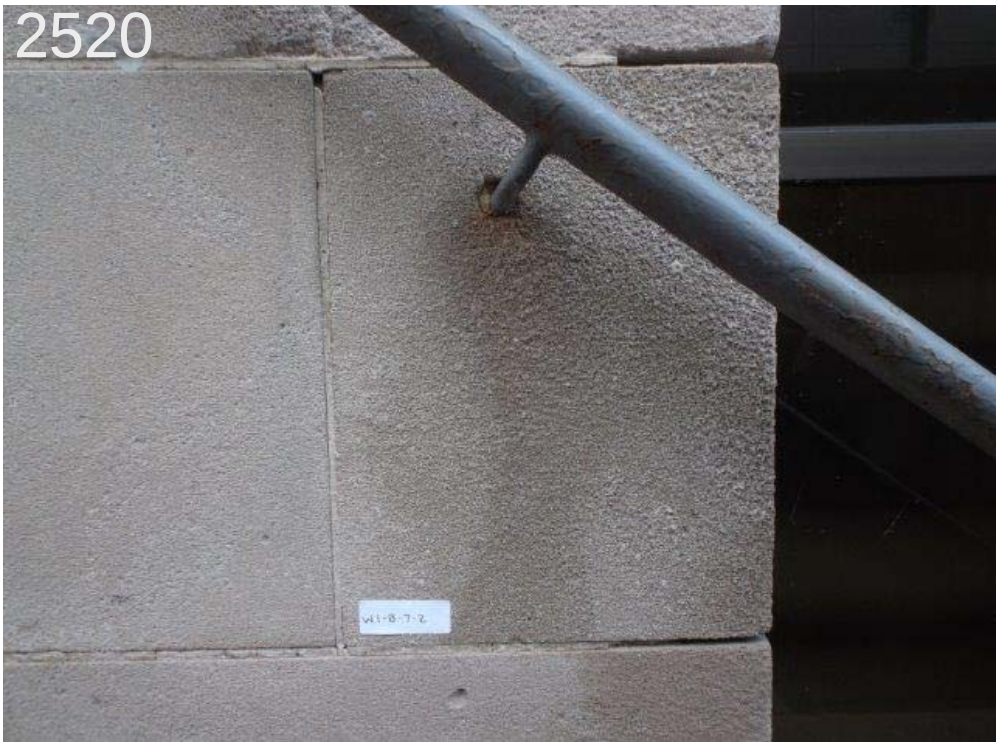
Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W1 B7 2

Zone: W1



Description of Work:

14. STONE PLUG - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.4; CORE-DRILL REPLACEMENT STONE AND ADHERE REPAIR PIECE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE NUMBER OF STONE PLUGS NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W1

W1 B7 2L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In. Phase I True

Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W1 B8 3

Zone: W1

Description of Work:

1. REPLACE STONE - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.6: REMOVE STONE THAT HAS DETERIORATED, IS DAMAGED BEYOND REPAIR AND IS SCHEDULED FOR REPLACEMENT. CAREFULLY DEMOLISH OR REMOVE ENTIRE UNITS FROM BED JOINT TO BED JOINT AND FROM HEAD JOINT TO HEAD JOINT, WITHOUT DAMAGING SURROUNDING STONE, IN A MANNER THAT PERMITS REPLACEMENT WITH FULL SIZE UNITS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Each

Phase I True

Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W1

W1 F4 4L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Cu. In.

Phase I True

Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W1

W1 P3 3

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 8 Cu. In.

Phase I True

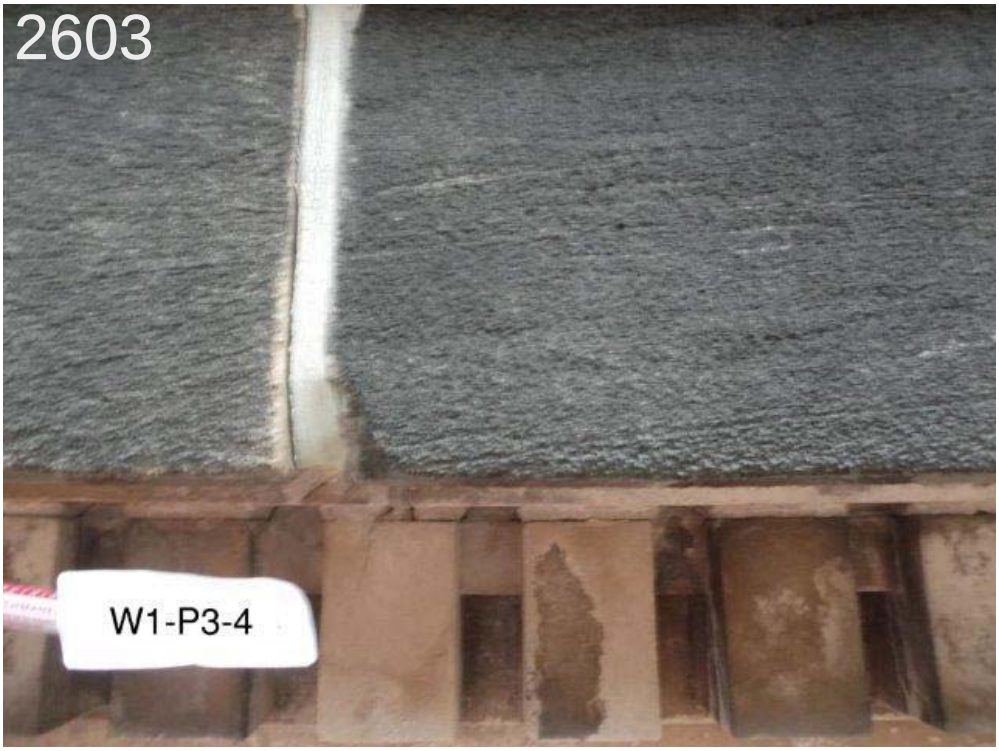
Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W1

W1 P3 4



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In. Phase I True

Zone: W1

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W1 P5 1

Zone: W1

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Ln. In. Phase I True

Zone: W1

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115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W1 P6 6

Zone: W1

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Cu. In.

Phase I True

Zone: W1

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115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Madison Municipal Building - Renovation
Exhibit G

ADDENDUM 3: 04.14.2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2A

W2 P4 5

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In.

Phase I True

Zone: W2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 10

Zone: W2A

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: W2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2A

W2 P5 4

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: W2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 5

Zone: W2A

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: W2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 6

Zone: W2A

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

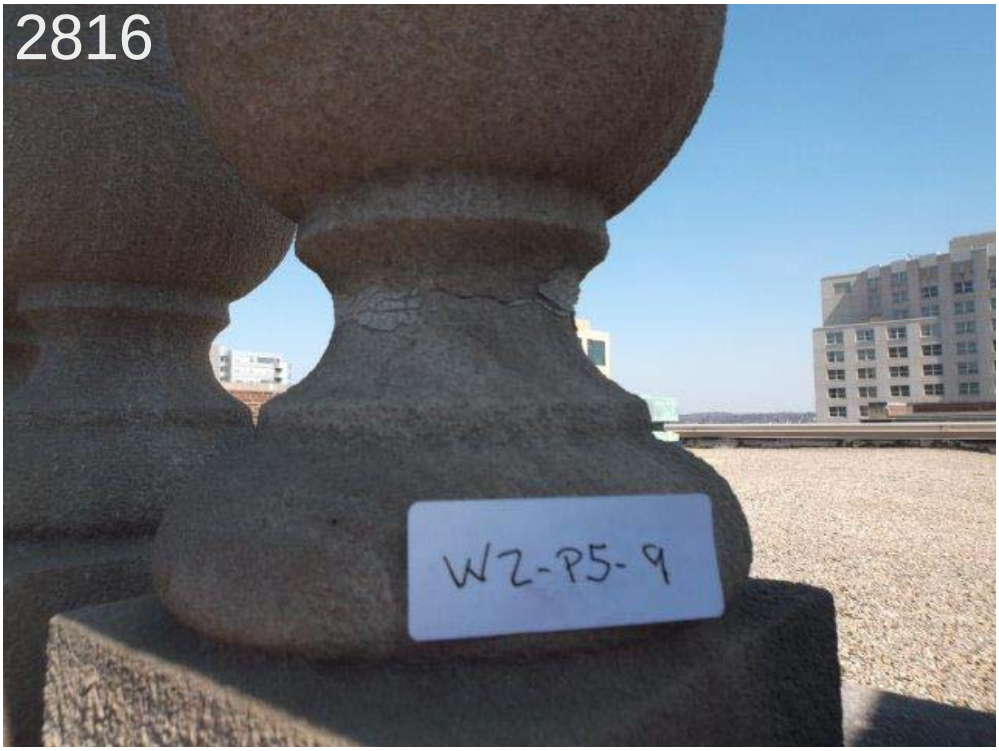
Zone: W2A

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 9

Zone: W2A



Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: W2A

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115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F10 11R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Cu. In.

Phase I True

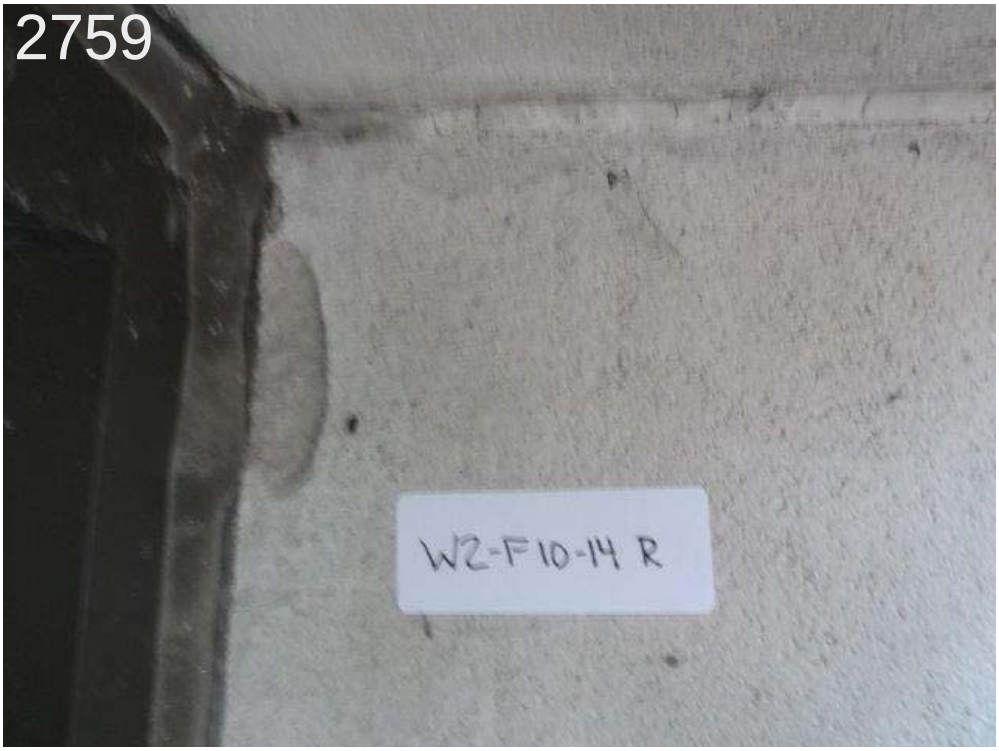
Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 F10 14R

Zone: W2B



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In.

Phase I True

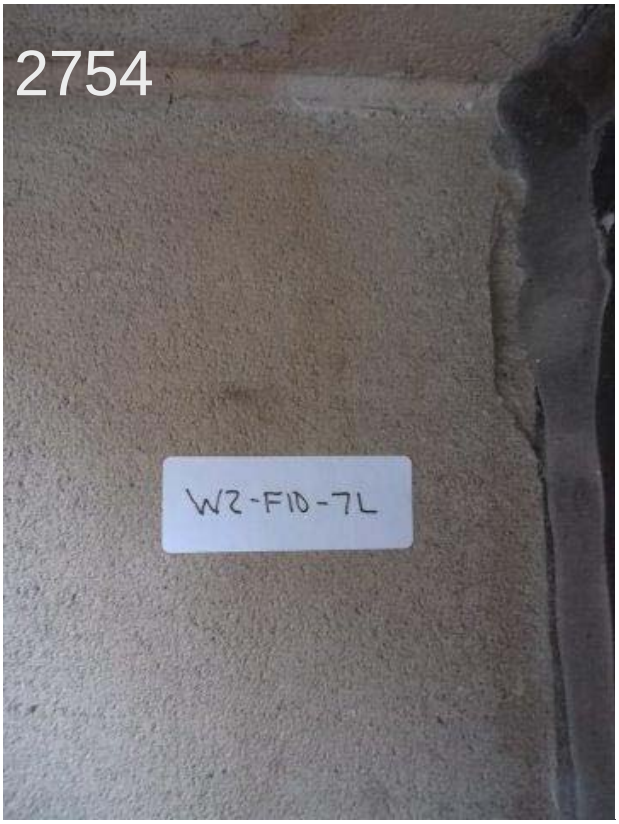
Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F10 7L



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In. Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 F3 6S

Zone: W2B

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 5 Cu. In.

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F4 10L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In. Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 F4 13L

Zone: W2B

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In.

Phase I True

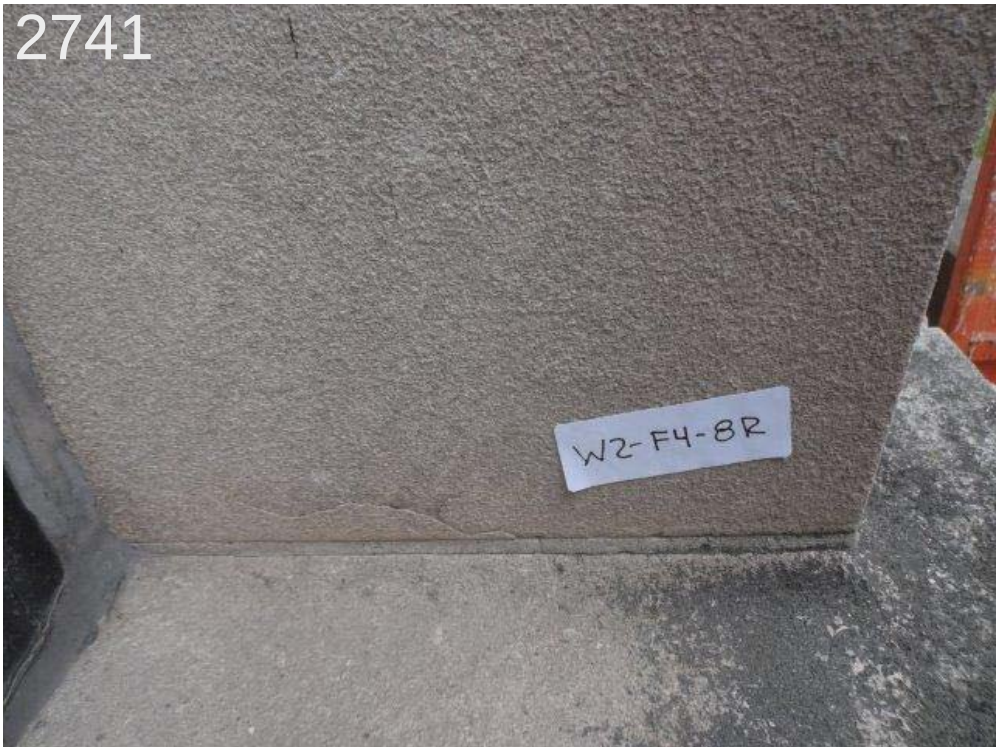
Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 F4 8R

Zone: W2B



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 10 Cu. In.

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F5 10L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In. Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F5 8L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In. Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F5 9R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In. Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F6 10L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In. Phase I True

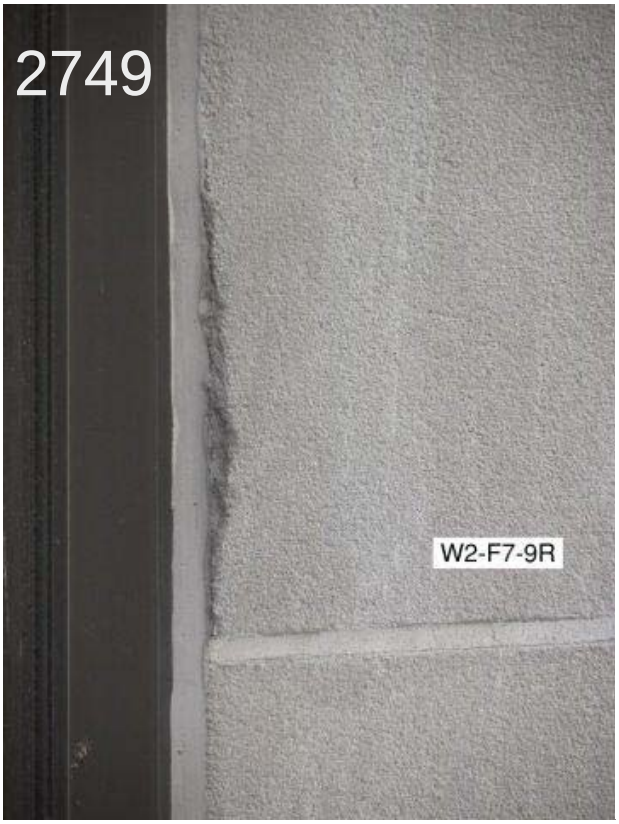
Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F7 9R



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Cu. In. Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F8 7L

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In.

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F8 8R

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In.

Phase I True

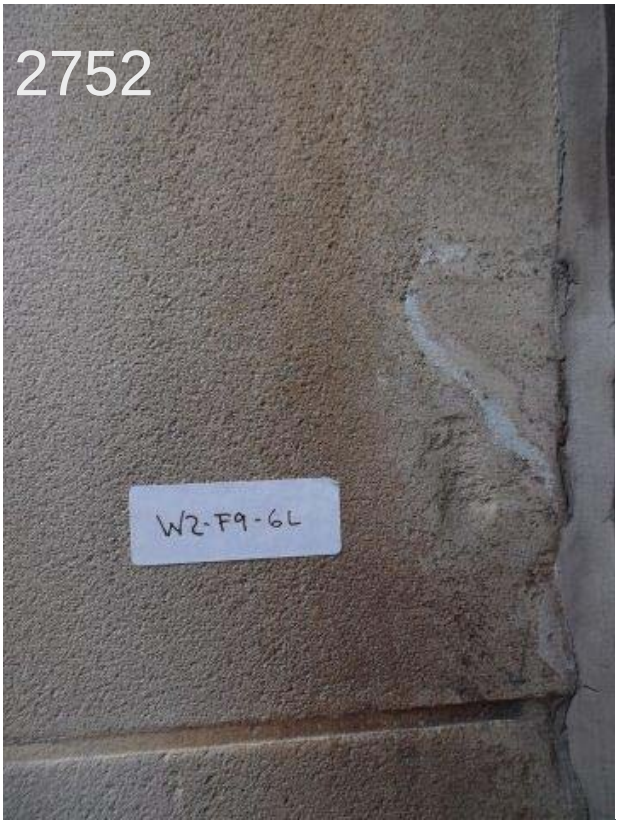
Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F9 6L



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In.

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 F9 7R

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Ln. In. Phase I True

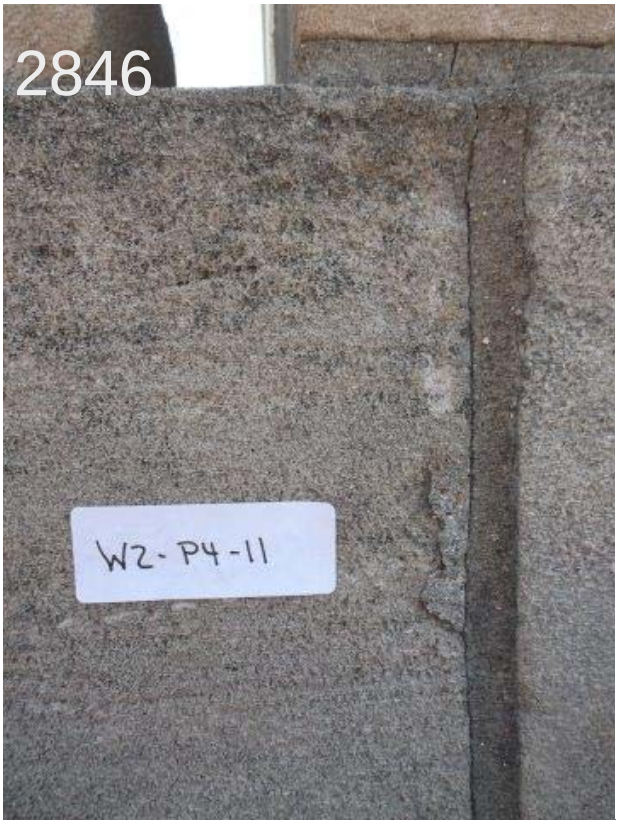
Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 P4 11



Description of Work:

15. REDRESS IN-SITU - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.10; CAREFULLY REMOVE LOOSE STONE FRAGMENTS FROM FACE OF STONE AND FINISH FACE OF STONE TO MATCH EXISTING TEXTURE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AREA OF REDRESS IN-SITU NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Sq. Ft. Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P4 7

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 80 Cu. In.

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P4 7

Description of Work:

15. REDRESS IN-SITU - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.10; CAREFULLY REMOVE LOOSE STONE FRAGMENTS FROM FACE OF STONE AND FINISH FACE OF STONE TO MATCH EXISTING TEXTURE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AREA OF REDRESS IN-SITU NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 24 Sq. In. Phase I True

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 14

Zone: W2B

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 15

Zone: W2B

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 16

Zone: W2B

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 17

Zone: W2B

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

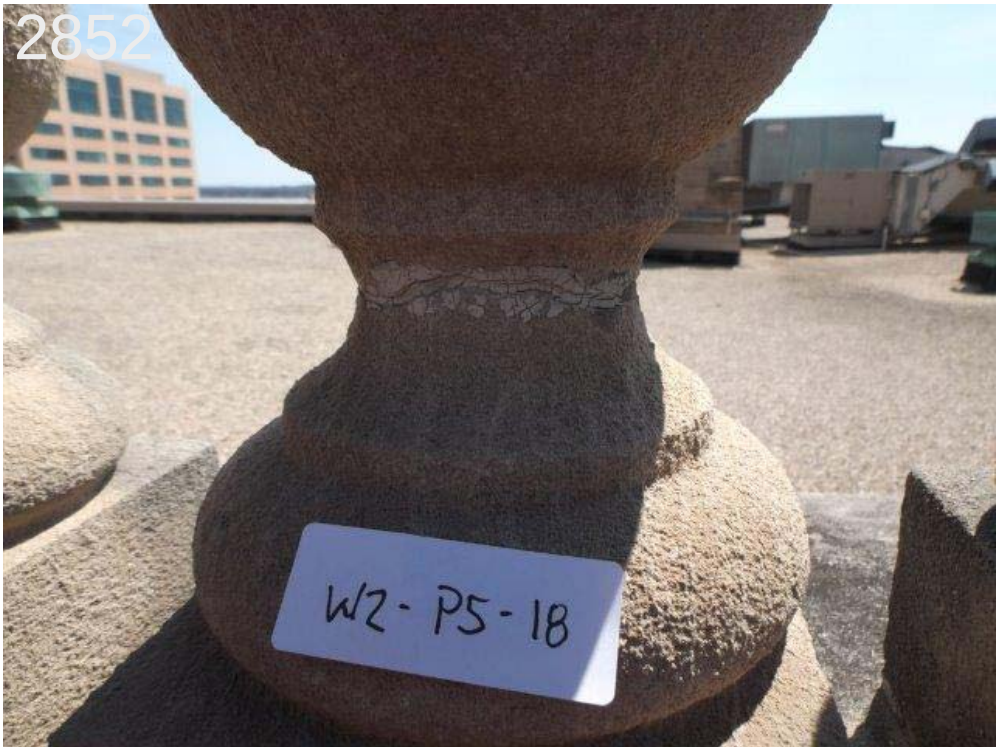
Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 18

Zone: W2B



Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

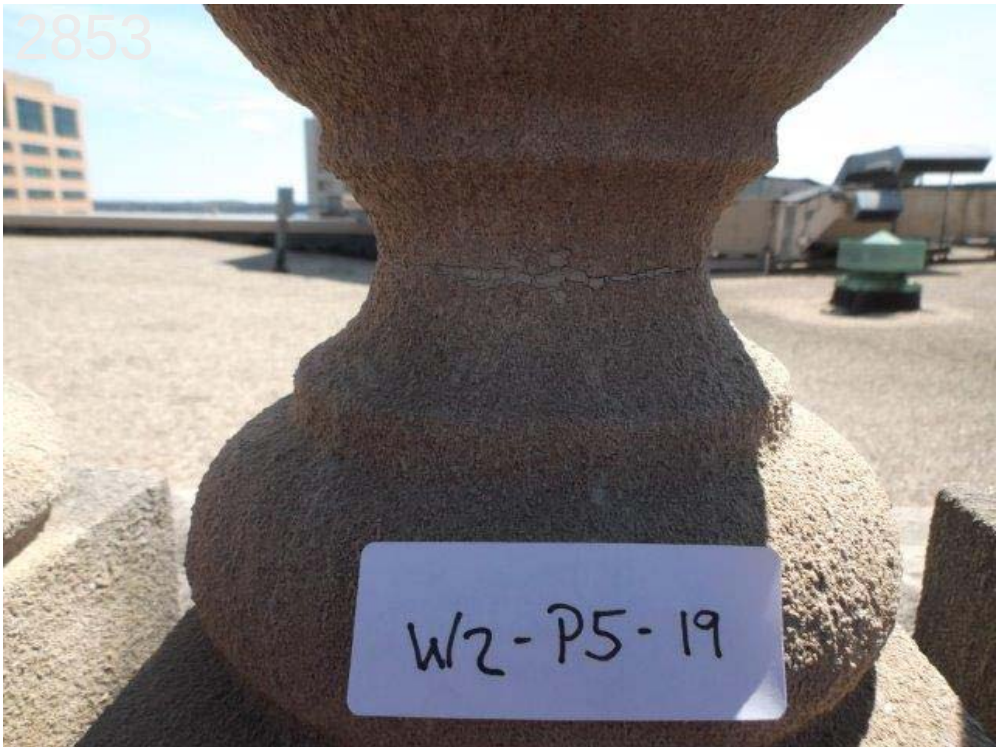
Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 19

Zone: W2B



Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

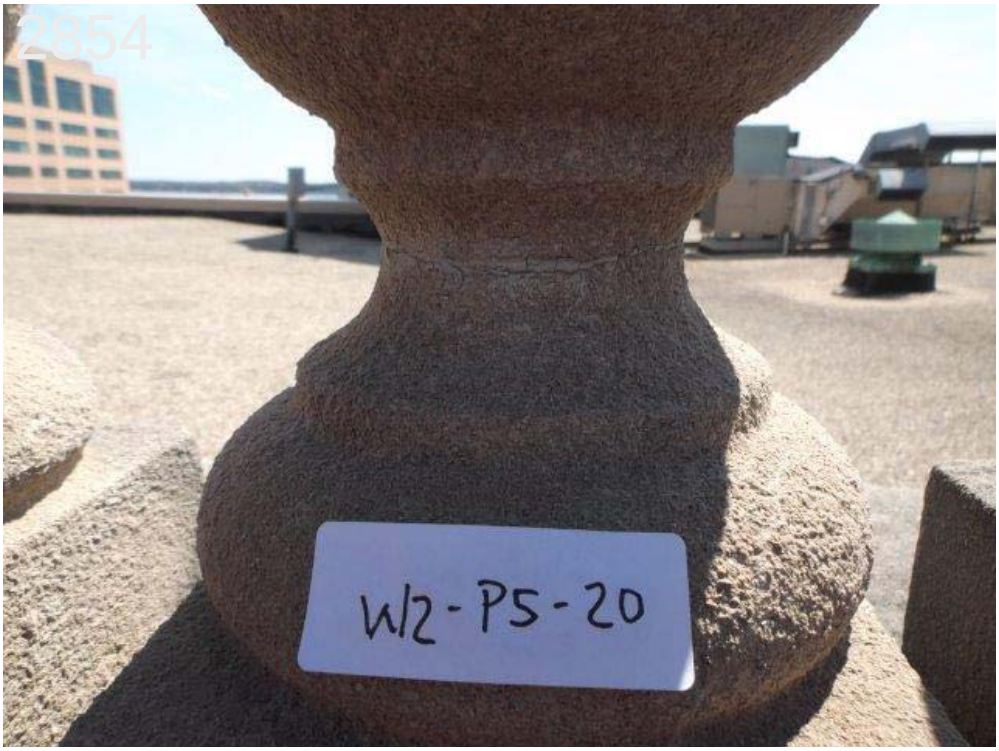
Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 20



Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

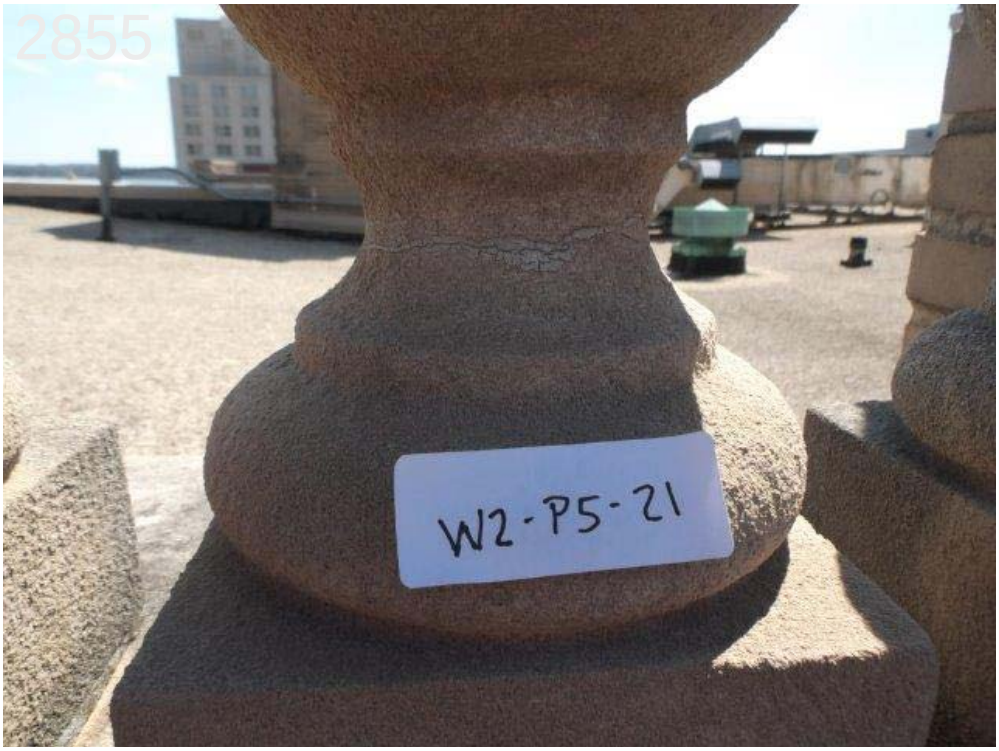
Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 21



Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 22

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 P5 23

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 64 Cu. In.

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 26

Zone: W2B

Description of Work:

19. BALUSTER REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.11; IT IS THE INTENT OF THIS PROJECT TO PRESERVE ALL BALUSTERS FOR REINSTALLATION. THE WORK INCLUDES THE BINDING AND CAREFUL REMOVAL OF THE BALUSTERS FOR SHOP-EXECUTED PRESERVATION PROCEDURES. THIS NOTE APPLIES TO ALL BALUSTERS

Quantity: 1 Each

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P5 33

Zone: W2B

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 32 Cu. In.

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2B

W2 P6 10

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1728 Cu. In.

Phase I True

Zone: W2B

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Madison Municipal Building - Renovation
Exhibit G

ADDENDUM 3: 04.14.2017

Stone Number-Refer to Exhibit F
Building Elevations

W2 P3 15

Zone: W2C

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1 Cu. In.

Phase I True

Zone: W2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W2C

W2 P3 19

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 5 Ln. In. Phase I True

Zone: W2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W2 P4 13

Zone: W2C

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 4 Ln. In. Phase I True

Zone: W2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/31/2017

Stone Number-Refer to Exhibit F
Building Elevations

W2 P4 17

Zone: W2C

2887

Description of Work:

15. REDRESS IN-SITU - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.10; CAREFULLY REMOVE LOOSE STONE FRAGMENTS FROM FACE OF STONE AND FINISH FACE OF STONE TO MATCH EXISTING TEXTURE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AREA OF REDRESS IN-SITU NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 16 Sq. Ft. Phase I True

Zone: W2C

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017

Stone Number-Refer to Exhibit F
Building Elevations

W3 F1 4L

Zone: W3

Description of Work:

16. FASTENER REMOVAL AND SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTIONS 3.3 AND 3.2; REMOVE EXISTING FERROUS AND NON-FERROUS ANCHOR USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; INSTALL ENGINEERED STONE PATCH AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. CLEAN ALL FERROUS STAINING USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE NUMBER OF FASTENER AND SSP REPAIRS NEEDED FOR THIS WORK ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Each

Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W3 F1 5

Zone: W3

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 650 Cu. In.

Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W3

W3 F2 4L

Description of Work:

8. CONSOLIDATION REPAIR - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.13; INSTALL CONSOLIDATION MATERIAL AS SPECIFIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. ESTIMATES FOR SCOPE OF THIS TREATMENT ARE INCLUDED IN THE NOTES. NO WORK IS TO COMMENCE ON A SACRED STONE WITHOUT FIRST RECEIVING APPROVAL FOR THE FINAL SCOPE FROM THE ARCHITECT

Quantity: 1 Sq. Ft. Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W3

W3 F2 4L

Description of Work:

15. REDRESS IN-SITU - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.10; CAREFULLY REMOVE LOOSE STONE FRAGMENTS FROM FACE OF STONE AND FINISH FACE OF STONE TO MATCH EXISTING TEXTURE USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AREA OF REDRESS IN-SITU NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 12 Sq. Ft. Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W3 F2 5R

Zone: W3

Description of Work:

12. ROUT, LIME INJECTION, SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2 AND 3.8; THIS IS A MULTIPLE TECHNIQUE SCOPE ITEM. FOR ALL SCOPES/TECHNIQUES USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 15 Ln. In.

Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W3

W3 F5 4L

Description of Work:

16. FASTENER REMOVAL AND SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTIONS 3.3 AND 3.2; REMOVE EXISTING FERROUS AND NON-FERROUS ANCHOR USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; INSTALL ENGINEERED STONE PATCH AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. CLEAN ALL FERROUS STAINING USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE NUMBER OF FASTENER AND SSP REPAIRS NEEDED FOR THIS WORK ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Each

Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W3

W3 P3 2

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 200 Cu. In.

Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W3

W3 P3 3

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 40 Cu. In.

Phase I True

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W3 P3 4

Zone: W3

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 2 Cu. In.

Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W3 P3 6

Zone: W3

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 40 Cu. In.

Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W3 P3 7

Zone: W3

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In.

Phase I True

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W3 P3 8

Zone: W3

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 5 Ln. In.

Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W3

W3 P4 2

Description of Work:

2. CRACK INJECTION AND STAIN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.8: DRILL INJECTION HOLES AS DIRECTED BY THE MANUFACTURER, INJECT DISPERSED HYDRATED LIME, USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; STAIN AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE AMOUNT OF CRACK INJECTION NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - ALTERNATIVE METHODS MAY BE PROPOSED TO REDUCE IMPACT ON EXISTING MATERIAL. FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Ln. In. Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

W3 P4 4

Zone: W3

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In.

Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W3

W3 P4 4

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 32 Cu. In.

Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W3

W3 P5 7

Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 3 Cu. In. Phase I True

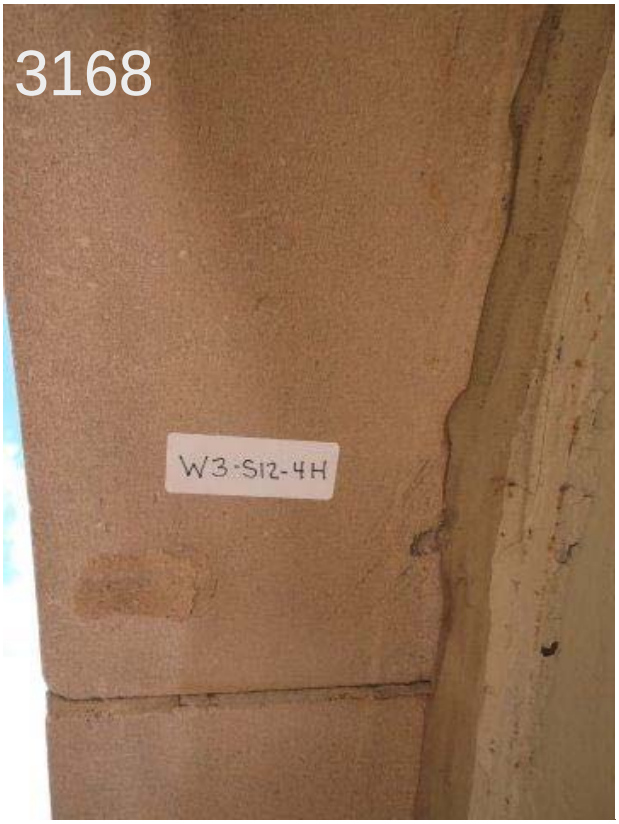
Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W3

W3 S12 4H



Description of Work:

3. SUBSTITUTE STONE PATCH (SSP) - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.2; REPAIR SPALLS AND OTHER ANOMALIES IN STONE USING CEMENTITIOUS PATCHING MATERIAL USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF MATERIAL REMOVED AND NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 40 Cu. In.

Phase I True

Zone: W3

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

Madison Municipal Building - Renovation
Exhibit G

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W4

W4 P3 15

Description of Work:

16. FASTENER REMOVAL AND SSP - REFER TO SPECIFICATION SECTION 04 01 40, SECTIONS 3.3 AND 3.2; REMOVE EXISTING FERROUS AND NON-FERROUS ANCHOR USING THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS; INSTALL ENGINEERED STONE PATCH AS REQUIRED USING TRAINED METHODS AND CERTIFIED WORKERS. CLEAN ALL FERROUS STAINING USING TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE NUMBER OF FASTENER AND SSP REPAIRS NEEDED FOR THIS WORK ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 6 Each

Phase I True

Zone: W4

InSite Consulting Architects
115 East Main Street Suite 200
Madison, Wisconsin 53703
(800) 453-8086

ADDENDUM 3: 04.14.2017 3/14/2017

Stone Number-Refer to Exhibit F
Building Elevations

Zone: W4

W4 P3 15S

Description of Work:

9. DUTCHMAN - REFER TO SPECIFICATION SECTION 04 01 40, SECTION 3.7; REMOVE DAMAGED STONE TO A SPECIFIED DEPTH AND INSERT A NEW PIECE OF STONE TO FIT IN THE OPENING TO CREATE THE APPEARANCE OF A SEAMLESS PATCH, USE THE MATERIALS SPECIFIED, TRAINED METHODS AND CERTIFIED WORKERS. ESTIMATES FOR THE VOLUME OF EACH TECHNIQUE/SCOPE NEEDED FOR THIS REPAIR ARE PROVIDED BELOW - FINAL SCOPE MAY VARY DEPENDING ON CONDITIONS ENCOUNTERED IN THE FIELD

Quantity: 1600 Cu. In.

Phase I True

Zone: W4

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
DIVISION 2	DEMOLITION		
SEE SPEC SECTIONS BELOW FOR SPECIFIC DETAILS AND TAGS	XSTONE-1	Historic exterior limestone cladding	to be retained and protected for re-use.
	XSTONE-2	Historic exterior limestone cladding	to be removed.
	XBRICK-1	Historic exterior brick cladding	to be retained and protected for re-use.
	XBRICK-2	Historic exterior brick cladding	to be salvaged (on existing annex)
	XTRIM	Historic wood trim	to be demounted and set aside for re-use.
	XPANEL-1	Historic wood paneling	to be retained and protected for re-use.
	XPANEL-2	Historic wood paneling	to be demounted and set aside for re-use.
	XBASE-1	Historic wood wall base	to be retained and protected for re-use.
	XBASE-2	Historic wood wall base	to be demounted and set aside for re-use.
	XBASE-3	Historic marble base	to be retained and protected for re-use.
	XBASE-4	Historic marble base	to be demounted and set aside for re-use.
	XWIN	Historic windows and frames	to be retained and protected for re-use.
	XENTRY	Historic entry doors	to be retained and protected for re-use.
	XDOOR	Historic interior doors and frames	to be demounted and set aside for re-use.
	XTHOLD-1	Historic marble door thresholds	to be retained and protected for re-use.
	XTREAD	Existing exterior granite stair treads	to be demounted and set aside for re-use.
	XEIFS	Existing EIFS finish to elevator penthouse exterior walls	to be retained and trimmed and refinished to new base line for new roof flashing.
	XTOIL	Existing marble toilet partition	to be retained and protected for re-use.
DIVISION 3	CONCRETE		
033000	XCONC	EXISTING CONCRETE INCLUDING PATCHING	
031000	WSTOP-1	WATERSTOP	BASE OF RETAINING WALL JUNCTION WITH FOOTING
033000	CONC SLAB	NEW CONCRETE SLAB	
033000	SAF	SLIP-RESISTANT AGGREGATE FINISH	
035300	TPNG-1	CONCRETE TOPPING	AT LOCATIONS PER DRAWINGS TO BRING EXISTING FLOORS UP TO GENERAL FLOOR ELEVATIONS PRIOR TO FINAL FINISH.
033000	VB-1	UNDER-SLAB VAPOR RETARDER	
033543	CFF-1	***CONCRETE FLOOR FINISHING***	***AT INTERIOR FLOORS - SEE FINISH PLANS***
DIVISION 4	MASONRY		
040120.63	XBRICK-1	EXTERIOR BRICK CLADDING TO BE REPAIRED	
040120.63	XBRICK-2	EXTERIOR BRICK CLADDING TO BE SALVAGED	
040120.63	BRICK-1	NEW EXTERIOR BRICK CLADDING	IN SELECTED LOCATIONS - SEE
042200	CMU-1	CONCRETE MASONRY UNIT (6" NOM.)	
042200	CMU-2	CONCRETE MASONRY UNIT (8" NOM.)	Class C-3 CMU - FILL ALL CELLS WHERE INDICTED ON THE DRAWINGS
044550	XTILE-2B	HISTORIC MARBLE FLOOR TILE - REFURBISH	PERIMETER MARGINS AND HEXAGONAL MOZAICS L-2 AND L-3

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
044550	XTILE-2C	NEW WHITE CARRARA FLOOR TILE TO MATCH FEATURE DIAMOND TILE AND PERIMETER MARGINS.	LEVEL 1 PUBLIC AREA
044550	XTILE-2D	NEW "VERDE ANTIQUE" (GREEN) MARBLE FLOOR TILE TO MATCH FEATURE TRANGLE TILE.	LEVEL 1 PUBLIC AREA
044550	XTILE-3	HISTORIC MARBLE WALL PANEL - REFURBISH	EXISTING RESTROOMS AT LEVELS 2 AND 3
044550	XBASE-3	HISTORIC MARBLE BASE - RETAIN	to be retained and protected for re-use.
044550	XBASE-4	HISTORIC MARBLE BASE - REUSE ELSEWHERE	to be demounted and set aside for re-use.
DIVISION 5	METALS		
051223	STL FRAME	STEEL FRAMING COMPONENTS	
052100	STL JOIST	STEEL JOIST FRAMING	
053100	STL DECK	STEEL DECKING	
054000	CFSF	COLD FORMED METAL FRAMING	
054500	ESS-1	EQUIPMENT SUPPORT SYSTEM AT ACT-3 ZONES	PROVIDED FOR SERVICES SUPPORT IN OPEN CEILING AREAS.
055000	MTLFAB-1	METAL FABRICATIONS	
055000	GUARD-1	STEEL PIPE OR DOWNSPOUT GUARDS	
055113	STAIR-1	METAL PAN STAIRS	CIRCULATION STAIR BETWEEN LEVELS G AND 1
055116	STAIR-2	STEEL SERVICE STAIR	FROM ROOF HATCH TO LEVEL 3 ROOF, AND TO L-2 ROOF
055116	NOSING-1	SERVICE STAIR NOSINGS: SLIPNOT 3" x 1/8" thick stainless steel.	FOR EXTERIOR AND INTERIOR STEEL AND CONCRETE SERVICE STAIRS.
055213	RAIL-4	PIPE AND TUBE RAILINGS	FOR STAIR-2
057000	GR-1	LINEAR BAR GRILLE: Harrington & King: Large Sea Shell, Style 30067. Made from either 20ga. steel, factory painted PT- 2H, or 20ga. clear anodized alum. sheet.	NEW AT LEVEL 1 PUBLIC AREA: 65% OPEN AREA.
057000	GR-2	HYDRONIC RADIATOR COVER PANEL: EXTG AT ROOM 260	EXISTING AT ROOM 260, REPAINTED.
057000	GUARD-2	STAINLESS STEEL WALL CORNER GUARD: 2" x 2" x 48" high. 90 Degree, 16ga, Type 304, Satin #4 (Brushed) Finish.	
057300	RAIL-1	EXTERIOR METAL GUARD RAILS AT LIGHT WELLS AND STAIRS	SEE DRAWINGS FOR LOCATIONS AND DETAILS
057300	RAIL-2	BRACKETS FOR NEW HARDWOOD HANDRAILS: SEE WD-3 FOR HANDRAIL MATERIAL.	NEW HANDRAILS AT HISTORIC STAIRS AT EAST AND WEST, AND NEW INTERIOR STAIR.
057300	RAIL-3	METAL GUARD RAIL AT NEW INTERIOR STAIR - SEE DRAWINGS	
057500	MTL-1	ALUMINUM CLOSURE PANELS	
057500	MTL-2	POCKETS FOR WINDOW TREATMENT	IF NOT PART OF WINDOW TREATMENT PRODUCT RANGE
142100	SS-1	STAINLESS STEEL FINISH PANEL - SNAPCAB 5WL TEXTURED PANELS.	ELEVATOR CAR - NEW WALL PANELS - "INDUSTRIAL 1" STYLE. SEE ELEVATOR SPEC.
055000	GRATE-1	PEDESTRIAN GRATE: McNichols GW-125, Galv. steel.	AT LIGHT WELLS AT DOTY PLAZA
055000	GRATE-2	TRANSFORMER VAULT EQUIPMENT COVER: Hughes Bros C4270.13	CENTRAL SERVICE GRATE
055000	GRATE-3	TRANSFORMER VAULT MANHOLE COVER: Hughes Bros C4270.1	MAN HOLE DOORS

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
DIVISION 6	WOOD, PLASTICS AND COMPOSITES		
060312	XTRIM	Historic wood trim repair/refinishing	to be demounted and set aside for re-use.
060312	XPANEL-1	Historic wood paneling repair/refinishing	to be retained and protected for re-use.
060312	XBASE-1	Historic wood wall base repair/refinishing	to be retained and protected for re-use.
061000	WD-FRMG	INTERIOR ROUGH CARPENTRY FRAMING	
061000	WD-BLKG	WOOD BLOCKING - LUMBER & PLYWOOD	
061000	CURB-2	WOOD CURB BASE	FOR ROOF EQUIPMENT SUPPORT
061516	WD-DECK	WOOD ROOF DECK BOARDS	
061600	SHTG-1	EXTERIOR WALL SHEATHING	
061600	SHTG-2	ROOF AND PARAPET SHEATHING	
064023	PLSHLF-1	PLASTIC LAMINATE SHELVING: White melamine	MELAMINE FACED WOOD SHELVING
064023	WDSHLF-1	STORAGE SHELVING	MAY NOT BE NEEDED
064116	PLAM-1	PLASTIC LAMINATE: Formica - Paloma Polar Finish - 6698-58	ARCHITECTURAL FACED CABINETS
064116	PLAM-2	PLASTIC LAMINATE: Not used	ARCHITECTURAL FACED CABINETS
064116	HRDW	CABINET HARDWARE	VARIES - SEE SPEC SECTION - Doug Mockett DP105A/2 26M Matte Chrome 4-3/16" 3/8" square profile
064116	MA-1	GROMMET-Not Used	IN COUNTER TOPS FOR CABLE ACCESS TO/FROM BELOW
064116	MA-3	GROMMET: Doug Mockett MAX11/B/M - Satin Aluminum	IN COUNTER TOPS FOR CABLE ACCESS TO/FROM BELOW
DIVISION 7	THERMAL AND MOISTURE PROTECTION		
070150.19	AB-1	AIR AND VAPOR BARRIER (ROOF SYSTEM)	
071416	WP-1	COLD FLUID APPLIED WATERPROOFING	BELOW GRADE WALLS AROUND EXTERIOR AREAWAYS AND LIGHT WELLS, NEW ADDITION, AT WILSON ST STAIR BELOW FINISH, AND AT ROOF OF ELECTRICAL VAULT.
071613	WP-2	TROWEL APPLIED WATER PROOFING AND PROTECTION BOARD	ABOVE GRADE WALLS AROUND NEW ADDITION SUBSTRUCTURE WALLS
071800	PTC-1	TRAFFIC COATING FOR CONCRETE FLOORS	MECHANICAL ROOM FLOORS
072100	INSUL-1	UNDERSLAB BOARD INSULATION	EXTRUDED POLYSTYRENE
072100	INSUL-2	POLYISOCYANURATE INSULATION BOARD	AT ROOFS (MANUF. LIMITED) AND EXTERIOR WALLS AROUND ADDITION.
072100	INSUL-3	MINERAL WOOL BLANKET INSULATION	VOID FILLING AT EXTERIOR DETAILS, INTERIOR SOUND-RATED PARTITIONS
072100	INSUL-4	MINERAL WOOL BOARD INSULATION	UNDERSIDE L-1 SLAB AT TRASH ROOM AND EQUIPMENT STORAGE ROOM.
072100	TAPE-1	ADHESIVE FOR BONDING INSULATION	
072100	INSUL-5	CLOSED CELL SPRAY FOAM OR GLASS FIBER INSULATION	MISCELLANEOUS SMALL VOIDS WHERE THERMAL LINE NEEDS CONT.
072129	SAI-1	SPRAY-APPLIED ACOUSTICAL INSULATION: K13 SonaSpray "fc", 1.5" THICK, WHITE.	AT UNDERSIDE FLOOR DECK ABOVE L-0 MECH ROOM
072715.13	AB-2	SELF-ADHERING SHEET AIR BARRIER	CAVITY WALLS BEHIND NEW RAINSCREEN SYSTEM (074213)
074213.13	MTLP-1	FORMED METAL WALL PANELS	EXTERIOR CLADDING TO NEW ADDITION - ZINC
074213.13	CLIP-1	THERMALLY BROKEN GIRT CLIPS	SMARTci 200 PULTRUDED FIBERGLASS CLIPS

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
075213	ROOF-1 (OPTION A)	APP MODIFIED BITUMEN ROOFING - OPTION 1	ALL NEW AND REFURBISHED ROOFING
075216	ROOF-1 (OPTION B)	SBS MODIFIED BITUMEN ROOFING - OPTION 2	ALL NEW AND REFURBISHED ROOFING
075213 / 075216	SHTG-3	ROOF SUBSTRATE BOARD / THERMAL BARRIER	
076200	FLASH-3	TERNE-COATED STAINLESS STEEL BRAKE METAL FLASHING	
077100	SCUPPER-1	METAL PARAPET SCUPPER	
077100	REGLET-1	TERNE-COATED STAINLESS STEEL REGLET AND COUNTERFLASHING	
077100	COPING-1	ALUM. PARAPET CAP	
077129	ROOFJNT-1	ROOF EXPANSION JOINT	AT JUNCTION OF NEW ADDITION ROOF AND MMB NORTH WALL
077200	HATCH-1	ROOF HATCH	UPPER ROOF ACCESS TO ATTIC OVER ROOM 260
078110	SFRM-2	SPRAY-APPLIED FIRE RESISTANT MATERIAL	FOR 1HR FIRE PROTECTION OF NON-VISIBLE INTERIOR STEEL STRUCTURE
078413	FB-1	PENETRATION FIRE BARRIER FOR VERTICAL ASSEMBLIES	
078413	FB-2	PENETRATION FIRE BARRIER FOR HORIZONTAL ASSEMBLIES	
078443	JFS	JOINT FIRESTOPPING	
079200	JS-X	JOINT SEALANT (SEE SCHEDULE FOR TYPES 1 through 8)	
079200	JS-EXP	EXPANDING FOAM SEALANT: EMSEAL	
079219	AJS-1	ACOUSTICAL JOINT SEALANT	
079500	JNT-1	FLOOR MOVEMENT JOINT: EMSEAL FP-55, GREY	AT FLOOR JOINT BETWEEN EXISTING BUILDING NEW ADDITION.
079500	JNT-2	WALL MOVEMENT JOINT: JOINTMASTER 620 SERIES, GREY	AT WALL JOINT BETWEEN EXISTING BUILDING NEW ADDITION, BELOW GRADE.
DIVISION 8	OPENINGS		
082110	XDOOR	INTERIOR HISTORIC WOOD DOORS AND FRAMES	TO BE DEMOUNTED AND SET ASIDE FOR RE-USE.
083113	ACCESS-1	ACCESS PANEL 1	FLUSH ACCESS PANELS WITH EXPOSED FRAME
083113	ACCESS-2	FIRE RATED ACCESS PANEL 1	FIRE RATED ACCESS PANEL WITH EXPOSED FRAME
083326	COIL-1	OVERHEAD COILING GRILLES	AT GROUND LEVEL SERVICE COUNTERS
083323	COIL-2	OVERHEAD COILING DOOR	AT GROUND LEVEL TRASH STORAGE ROOM
084113	GLWS-1	ALUMINUM FRAMED INTERIOR STOREFRONT SYSTEM. B.O.D.: Kawneer Trifab 451 SSG, single glazed.	TYPICAL INTERIOR STOREFRONT SYSTEM
084113	GLWS-2	ALUMINUM FRAMED STOREFRONT SYSTEM (acoustical). B.O.D.: Kawneer Trifab 451 SSG, double glazed.	ACOUSTICAL INTERIOR STOREFRONT SYSTEM
084410	GLWS-3	FIRE RATED ALUMINUM CURTAIN WALL. B.O.D.: SaftiFirst GPX.	AT EGRESS STAIR SHAFTS ON ALL FLOORS (120 MIN FR)
084410	PT-11_	INTERIOR PAINT FOR GLWS-3 DOORS TO MATCH CLEAR ANODIZED ALUM.	FACTORY-APPLIED
084413	GLWS-4	GLAZED ALUMINUM CURTAIN WALL (exterior). B.O.D.: Kawneer 1600-series.	CURTAIN WALL SYSTEM AT NEW ADDITION

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
085113	WIN-1	ALUMINUM WINDOWS (New, generally). B.O.D.: Wausau 4250 Invent Retro series.	NEW WINDOWS REPLACING EXISTING 1980s WINDOWS
085113	WIN-2	ALUMINUM WINDOWS (Ground and First in North bricked up openings): B.O.D.: St Cloud 2500.	NEW WINDOWS REPLACING BRICK-FILLED OPENINGS NORTH
085113.23	IAW-1	ALUMINUM INTERIOR ACCESSORY WINDOWS: B.O.D.: Wausau SEAL IAWs.	INTERIOR "STORM" WINDOWS AT LEVELS 2 AND 3
085113	AL-A	ALUMINUM COLOR PAINT FINISH: Benjamin Moore HC-131	PVF2 FACTORY FINISH ON ALUMINUM WINDOW EXTRUSIONS
085113	AL-B	CLEAR ANODIZED ALUM. FINISH	FINISH TO INTERIOR STOREFRONT SYSTEMS
086210	XENTRY	REHABILITATED EXISTING HISTORIC DOORS AND FRAMES	EXISTING, HISTORIC DOORS AND CAST IRON SUBFRAMES AND GRILLES ABOVE.
086210	PT-6A	EXTERIOR HISTORIC DOOR, FRAME AND SUBFRAME PAINT	EXISTING, HISTORIC DOORS AND CAST IRON SUBFRAMES AND GRILLES ABOVE.
086210	PT-12A	INTERIOR SATIN OIL-ALKYD PAINT ON WROUGHT IRON AND CAST IRON WINDOW FRAMES	INSIDE FACES OF 1929 HISTORIC WINDOW FRAMES AT LEVELS 2 AND 3.
086300	SKYLIGHT-1	MODULAR UNIT SKYLIGHTS, B.O.D. VELUX, WITH WASCO AS ACCEPTABLE ALTERNATE.	WITH INTEGRAL OSHA FALL PROTECTION LOAD CHARACTERISTICS
087100	HW	DOOR HARDWARE	REFER TO HW SCHEDULE AND SETS.
088000	GL-1	1/8" MONOLITHIC CLEAR GLASS	NEW GLASS IN EXISTING, REHABILITATED WINDOWS
088000	GL-2	MONOLITHIC CLEAR GLASS, THICKNESS BASED ON SIZE.	NEW GLASS IN INTERIOR PARTITIONS - NON ACOUSTIC RATED
088000	GL-3	1" THICK INSULATED LOW-E CLEAR GLASS	NEW GLASS IN NEW EXTERIOR DOORS AND WINDOWS
088000	GL-3A	INSULATED AND LAMINATED CLEAR GLASS	NEW GLASS IN NEW EXTERIOR WINDOWS AT U-SHAPED ROOF AREA: PER GL-3, BUT WITH INNER PANE LAMINATED. SEE WINDOW SCHEDULE FOR LOCATIONS.
088000	GL-4	1" THICK INSULATED LOW-E CLEAR GLASS	NEW GLASS IN INTERIOR ACCESSORY WINDOWS
088000	GL-5	1-1/6" INSULATED, LAMINATED CLEAR GLASS	NEW GLASS IN INTERIOR ACOUSTIC RATED PARTITIONS
088000	GL-7	INSULATED, LAMINATED INNER PANE (OSHA FALL RESISTANT)	FOR NEW UNIT SKYLIGHTS
088000	GL-8	BACK-PAINTED GLASS FOR INTERIOR USE: Paint color to match paint color PT_-K as closely as possible using manufacturer's standard color range.	FOR BASE PANELS OF SERVICE DESKS: SAFLEX VANCEVA RANGE
088113	WF-1	3M Fasara decorative film: Essen	DECORATIVE ARCHITECTURAL WINDOW FILM
088813	FRGL-1	FIRE RESISTANT RATED GLASS	INTERIOR PARTITIONS TO EGRESS STAIRS (120 MIN FR)
088853	SGL-1	FORCED ENTRY RESISTANCE SECURITY GLASS	AT H.O.D. RECEPTION COUNTER
089119	LOUVER-1	ALUMINUM FIXED LOUVERS	MECHANICAL LOUVERS
DIVISION 9	FINISHES		
090320	PLASTER-1	HISTORIC PLASTER REPAIR: CEILINGS	SEE DRAWINGS FOR LOCATIONS
090320	PLASTER-2	HISTORIC PLASTER REPAIR: MASONRY WALLS	SEE DRAWINGS FOR LOCATIONS
092116.23	GYP-1	GYPSUM BOARD AT FIRE RATED SHAFT WALL ASSEMBLIES	
092216.23	FURR-1	METAL FURRING	REFER TO DETAILS FOR TYPE: "Z", "HAT", CEILING, ETC.
092900	GYP-2	GYPSUM BOARD AT CEILINGS	
092900	GYP-3	GYPSUM BOARD AT ACOUSTIC SEPARATION CEILINGS	

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
092900	GYP-4	GYPSUM BOARD AT INTERIOR WALLS	
092900	TRIM-1	"J" EDGE BEAD	
092900	TRIM-2	CORNER BEAD	
092900	TRIM-3	SHADOW GAP TRIM	
092900	TRIM-4	SHADOW GAP TRIM AT EDGE	
093013	CT-1A	GLAZED MOSAIC WALL TILE: 'Tile X Design - Market Collection - Ashbury - 4x7 Rhomboid - Pale Powder	
093013	CT-2A	GLAZED MOSAIC WALL TILE COLOR A: 'Rubble Tile - Rewind 8x8 hexagon Vanilla [light grey/ white] - 88HEXRW90	
093013	CT-2B	GLAZED MOSAIC WALL TILE COLOR B: 'Rubble Tile - Rewind 8x8 hexagon Polvere [light grey] - 88HEXRW91	
093013	CT-2C	GLAZED MOSAIC WALL TILE COLOR C: 'Rubble Tile - Rewind 8x8 hexagon Tabacco [dark brown] - 88HEXRW93	
093013	CT-3	PORCELAIN FLOOR TILE: 'Rubble Tile - Royal Mosa - Global collection - 12x12 Agate Grey - 12575050	
093013	CTACC-1	GLAZED TILE COVE BASE: 'Rubble Tile - Royal Mosa - Global collection - 4x6 Cove base - Agate Grey 75050P	
093013	CT1ACC-2	GLAZED TILE INTERNAL CORNER STRIP	
093013	CT1ACC-3	GLAZED TILE EXTERNAL CORNER STRIP	
093013	CT1ACC-4	GLAZED TILE EDGE STRIP	
093013	CT2ACC-2	GLAZED TILE INTERNAL CORNER STRIP	
093013	CT2ACC-3	GLAZED TILE EXTERNAL CORNER STRIP	
093013	CT2ACC-4	GLAZED TILE EDGE STRIP	
093013	THOLD-1	NEW STONE THRESHOLDS	WHITE CARRERA MARBLE, POLISHED
093013	CTTRIM-1	TILE TRIM: Schluter - DECO-DE - Stainless steel	AT OUTSIDE CORNERS OF WALL TILE AREAS
093013	CTTRIM-2	TILE TRIM: Schluter – SCHIENE AE-100	For floor transition from WD-2 to CT-3
093016	XTILE-1	CLAY FLOOR TILE TO BE REHABILITATED	LEVEL 1 PUBLIC AREA
093016	XTILE-2A	NEW CLAY FLOOR TILE TO MATCH XTILE-1	LEVEL 1 PUBLIC AREA
093016	XTILE-2E	NEW CLAY FLOOR TILE TO MATCH XTILE-1 BUT 6" SQUARE.	LEVEL 1 PUBLIC AREA
093016	QT-1	EXTERIOR QUARRY TILE: 'Daltile 6" x 6" quarry tile (field tile). Grout bed: St. Astier, NHL 3.5.	AT EXTERIOR LANDING OUTSIDE WILSON ST STAIR EXIT/ENTRY DOORS.
093016	QT1ACC-1	DRAINAGE PLANE BELOW QT-1: Schluter DITRA Drain.	AT EXTERIOR LANDING OUTSIDE WILSON ST STAIR EXIT/ENTRY DOORS.
095113	ACT-1	ACOUSTIC CEILING TILE 1: Armstrong Optima Tegular	AT FULL HEIGHT WALLS TO DECK, WITH AXIOM TRIM AT ACT "CLOUDS" AT SELECT LOCATIONS PER THE DRAWINGS.
095113	ACT-2	ACOUSTIC CEILING TILE 2: Armstrong Ultima Vector	AT OFFICES/CONF ROOMS WITH PARTIAL HEIGHT WALLS
095123	ACT-3	ACOUSTIC CEILING TILE 3: Armstrong Optima Capz	AT UNDERSIDE EXISTING FLOOR SLABS

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
092900	ACA-1	ACOUSTIC CEILING ASSEMBLY	BENEATH MECHANICAL ROOMS AT 3, AND IN CHILLER ROOM AT GF
096429	XFLOOR	EXISTING WOOD FLOOR RESTORATION	2ND FLOOR OFFICES AT NORTH AND WEST WINGS, AND ROOM 260
096429	WD-1	SOLID WOOD FLOOR AT FLOOR BOXES (ROOM 260)	WOOD FLOOR TO MATCH ROOM 260 WOOD FLOOR
096429	WD-2	SOLID WOOD FLOOR OVER EXISTING FLOOR TOPPING	LEVEL 2 OFFICE AREAS SOUTH OF HISTORIC CORRIDOR
060312	WD-3	NEW HARDWOOD HANDRAILS, PANELS AND TRIM TO MATCH XTG WAINSCOT: WHITE OAK STAINED TO MATCH EXISTING.	LEVEL 2 HISTORIC CORRIDOR, ROOM 260 PANELING, AND NEW HANDRAILS AT HISTORIC STAIRS AT EAST AND WEST, AND NEW STAIR.
096429	MAT-2	RESILIENT ACOUSTICAL MAT: SONUS 1/8" MAT	BELOW WD-2 AT L-2 SOUTH OF CORRIDOR.
096513	RB-1	RESILIENT BASE (GREY): Johnsonite 63 Burnt Umber	GENERAL (NON-HISTORIC) AREAS THROUGHOUT
142100	RF-1	RUBBER SHEET FLOORING (GREY): Noraplan Sentica, Color 6521 Sunday Paper.	EXISTING ELEVATOR CAB FLOOR FINISH - SEE ELEVATOR SPEC.
096613	TZ-1	PORTLAND CEMENT TERRAZZO FLOORING: Color based on Tectura TZ-03: Foggy Day. Use inset non-slip strips per the drawings.	AT TREADS AND LANDINGS OF NEW STAIR BTWN LEVELS G AND 1.
096723	EPOXY-1	EPOXY FLOOR FINISH	AT FINAL PREP KITCHEN
096813	CPT-1	CARPET TILE: Tandus Centiva Avant 04840 Galvanized Pewter 11709	SELECTED OFFICE AREAS, PER FINISHES PLAN
096813	CPTTRIM-1	CARPET TRIM: TRAFFIC MASTER – ¼" height, Silver hammered carpet tack bar	EDGES OF CARPET AT TRANSITIONS, PER FINISHES PLAN
096813	MAT-1	ENTRY FLOOR MAT 1, Interface - Style 1290102500 - Entry Level Color 7187 - Black	
097516	BASE-1	NEW GREEN STONE WALL BASE TO MATCH HISTORIC	SPECIES: TINOS OASIS GREEN MARBLE, POLISHED
097516	BASE-2	NEW WHITE STONE WALL BASE TO MATCH XTG PROFILE	SPECIES: WHITE CARRARA MARBLE, POLISHED
098433	AWP-1A	ACOUSTICAL WALL PANEL: ROOM 260 WALLS	1" THICK: ROOM 260 WALLS
098433	AWP-1B	ACOUSTICAL WALL PANEL: ROOM 260 CEILING	2" THICK: ROOM 260 CEILING
098433	AWP-2	ACOUSTICAL WALL PANEL - CONF. ROOMS GENERALLY	2" THICK: MEETING / CONFERENCE ROOMS
098433	FABRIC-A	ACOUSTICAL WALL PANEL FABRIC COVER 1: Luum, Linen Weave Sesame, 1018-07.	FABRIC COVER TYPE 1, ROOM 260 WALLS, GRILLES, & CEILING
098433	FABRIC-B	ACOUSTICAL WALL PANEL FABRIC COVER 2: DesignTex, Gammut 3468-808	FABRIC COVER TYPE 2, CONFERENCE ROOM WALLS GENERALLY
	PT-6A	REFER TO 086210 ABOVE	EXISTING, HISTORIC DOOR AND FRAME PAINT
099113	PT-7_	EXTERIOR ALKYD, GLOSS LEVEL 3, PAINT	EXISTING AND NEW, HISTORIC AND NEW METAL DOORS AND RAILINGS
099113	PT-8_	EXTERIOR LATEX, GLOSS LEVEL 1 (FLAT), PAINT	CONCRETE STAIR STRINGERS ETC. AT WILSON ST
099113	PT-9_	EXTERIOR WATER-BASED INDUSTRIAL, GLOSS LEVEL 3, PAINT	DUNNAGE AND OTHER EXTERIOR SUPPORT GALVANIZED STEEL
099113 / 099123	PT-10_	PAINT APPLIED OVER EXISTING ANODIZED ALUM. WINDOW FRAMES AT LEVELS 0 AND 1, IF ALTERNATE-1 IS NOT TAKEN.	TO MATCH PT-_A IN COLOR.

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
099123	PT-1_	INTERIOR SATIN LATEX PAINT	INTERIOR PAINTING AND FINISHING
099123	PT-2_	INTERIOR EGGSHELL LATEX PAINT	INTERIOR PAINTING AND FINISHING
099123	PT-3_	INTERIOR SEMI-GLOSS LATEX PAINT	INTERIOR PAINTING AND FINISHING
099123	PT-4_	INTERIOR FLAT DRYFALL CEILING AND BDG SERVICES PAINT	INTERIOR PAINTING AND FINISHING
099123	PT-5_	INTERIOR ABRASION-RESISTANT PAINT	INTERIOR PAINTING AND FINISHING
	PT-11_	REFER TO 084410 ABOVE	FACTORY-APPLIED FINISH TO GLWS-3 DOORS
	PT-12A	REFER TO 086210 ABOVE	INSIDE FACES OF 1929 HISTORIC WINDOW FRAMES AT LEVELS 2 AND 3.
099123	PT-_A	Benjamin Moore Lehigh Green HC-131.	HISTORIC GREEN
099123	PT-_B	Benjamin Moore Chantily Lace 2121-70	NEW SPACES
099123	PT-_C	[NOT USED]	
099123	PT-_D	[NOT USED]	
099123	PT-_E	[NOT USED]	
099123	PT-_F	Benjamin Moore Woodland Snow 2161-70	Room 260 upper walls, level 1 historic public zone, level 2 corridor, Historic Bathrooms and historic stair walls
099123	PT-_G	Benjamin Moore 2121-10 (Gray)	steel balustrades externally, metal exterior signage letters.
099123	PT-_H	Benjamin Moore Metallic Silver 2132-60 [similar to AL-B: Clear anodized aluminum]	new metal balustrades internally and other interior exposed metal components as noted on the drawings.
099123	PT-_J	Benjamin Moore 1099 Byzantine Gold: Apply tinted Umber glaze finish coat to match half-circle plaster medallion above Judge's bench.	Plaster "supports" at ends of fake beams on north and south walls of Room 260 ceiling.
099123	PT-_K	Scuffmaster: Scrubtough Max, Ref GOH 11459544, Color XC 019 STM	Feature walls at levels G and 1, per the drawings.
099123	PT-_L	PPG Light Silver, ref: AD3Y1346N	steel doors at GLWS-3, to match clear anodized alum.
099300	CCT-1	STAIN TO MATCH HISTORIC TRIM, DOORS, PANELS.	
099300	CCT-2	CLEAR COAT FINISH TO HISTORIC TRIM, DOORS, PANELS.	
099646	SFRM-1	INTUMESCENT PAINT	FOR 1HR FIRE PROTECTION OF VISIBLE INTERIOR STEEL STRUCTURE

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
DIVISION 10	SPECIALTIES		
101100	MKBD-1	MARKER BOARD: Clarus Glassboards, Pure White C100	IN ALL CONFERENCE ROOMS EXCEPT ROOM 111 - SEE DRAWINGS FOR LOCATION AND SIZE.
101100	TACK-1	TACKABLE BOARD: Forbo, Bulletin Board, Koroseal - Aluminum J-Cap Frame, See drawings for size, Color: per manuf. std range at time of procurement.	At staff areas where noted on the drawings
101200	DISPLAY-1	GLASS DISPLAY CASE: CRL Architectural Products, Self-healing cork, satin anodized frame. Size 48" high x 48" wide.	AT ENTRY VESTIBULES AND OTHER SELECT LOCATIONS - SEE FLOOR PLANS.
102113.15	TOIL-1	STAINLESS STEEL TOILET ROOM PARTITION	AT NEW RESTROOMS, AND AT SELECTED LOCATIONS ON LEVELS 2 AND 3. NOTE THAT THE NEW TOILET PARTITIONS IN THE EXISTING, HISTORIC RESTROOMS AT LEVEL 2 AND 3 WOMEN'S ROOMS ARE FLOOR MOUNTED NOT HUNG FROM THE DECK ABOVE.
102113	TOIL-2	TOILET ROOM URINAL SCREEN	AT ALL MEN'S ROOMS.
102116.19	SHOWER-1	SHOWER COMPARTMENT WALL PANEL	AT SHOWER COMPARTMENTS, LEVEL 1.
102116.19	SHOWER-2	TERRAZZO SHOWER TRAY: Acorn Engineering Company: Terrazzo ADA Shower Base, Model SBADA-36-3F.	TERRAZZO - RECESS INTO SLAB FOR ADA COMPLIANCE
102800	TA-04	TOILET PAPER DISPENSER - Wausau Paper, Model 80300, Double-roll dispenser, Surface mounted. Color: Black.	
102800	TA-05	PAPER TOWEL DISPENSER: Bobrick B-2860, surface mounted, SS finish.	FOR KITCHENETTES AND COMFORT ROOMS.
102800	TA-07	WASTE RECEPTACLE: ULINE, Model H3622. free standing.	
102800	TA-11	LIQUID SOAP DISPENSER: Gojo 2789-12	
102800	TA-12	GRAB BARS: Bobrick, satin finish	
102800	TA-13	SANITARY NAPKIN VENDOR: Bobrick B-2706C Classic Series, surface mounted, satin stainless.	TO BE INSTALLED IN ALL NEW PUBLICLY ACCESSIBLE RESTROOMS
102800	TA-14	SANITARY NAPKIN DISPOSAL: Bobrick B-270, Partition mounted, Stainless steel	
102800	TA-18	TOWEL HOLDER	
102800	TA-17	WALL MOUNT MIRRORS	FRAMED MIRRORS
102800	TA-19	COAT / ROBE HOOK: Bobrick, B-542, Single prong	
102800	TA-21	FOLDING SHOWER SEAT: Bobrick B-5181, single phenolic, fold-up.	
102800	TA-23	WARM AIR DRYER: XCELRATOReco	AT RESTROOMS ONLY
102800	TA-24	DIAPER CHANGING STATION: Koala Kare KB200.	LEVEL 0 AND 1 PUBLIC RESTROOMS, AND L-2 NEW UNISEX RESTROOMS ONLY.
102800	TA-25	UNDER-LAVATORY GUARDS: Truebro LAV Shield, Model 2018.	

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
102800	TA-30	MOP HOLDER: American Specialties, Inc.: 0795	
102800	TA-31	UTILITY SHELF: American Specialties, Inc.: 1308-3	
102800	AED-1	RECESSED AED CABINET: ALLIED MEDICAL PRODUCTS, STANDARD, SEMI-RECESSED, 14-1/8" SQUARE X 7" DEEP, COLOR: WHITE.	SEE FLOOR PLANS FOR LOCATIONS. OWNER TO CONFIRM IF AED UNITS THEMSELVES TO BE INCLUDED IN THE CABINETS FOR BID (THIS IS NORMALLY AN O.F.O.I. ITEM).
102800	KNOX BOX	KNOX SERIES 3200 SURFACE MOUNTED KNOX BOX WITH HINGED DOOR, IN BLACK.	MOUNT TO BOLLARD ADJACENT MLK BLVD ENTRY DOOR, PER THE DRAWINGS.
104416	FEX-1	FIRE EXTINGUISHER TYPE 1: UL Rated 2A-20B	
105113	LOCKER-1	SOLID PHENOLIC LOCKERS - Hollman: Corporate Locker, Z-style with integrated bench. Finish - Solid Surface White Quartz	STAFF SHOWER ROOM
105113	LOCKER-2	P-LAM LOCKERS - Color: Grey	FACILITIES STAFF ROOM
105113	BENCH	LOCKER ROOM BENCH: AJW, HPDE	
DIVISION 11	**EQUIPMENT**		
113100	MICRO-1	MICROWAVE, General Electric, JEM3072SHSS, counter top unit - OWNER FURNISHED OWNER INSTALLED (OFOI)	IN STAFF KITCHENETTES (OFOI)
113100	REF-1	FULL SIZE FRIDGE, General Electric GDE25ESKSS - OFOI.	IN STAFF KITCHENETTES (OFOI)
113100	REF-2	UNDER-COUNTER FRIDGE, General Electric GCE06GSHSB - OFOI.	IN COMFORT ROOMS BELOW COUNTER (OFOI)
113100	REF-3	COMMERCIAL KITCHEN FRIDGE: Central Restaurant Products: True T-23 Reach-In Refrigerator - One Door. Product ref 675-001. - OFOI.	IN FINAL PREP KICHEN AT LEVEL 2 (OFOI)
113100	WASHER-1	CLOTHES WASHER, Bosch, WAT28401UC - OFOI.	IN FACILITIES LAUNDRY ROOM (OFOI)
113100	DRYER-1	CLOTHES DRYER, Bosch WTG86401UC - OFOI.	IN FACILITIES LAUNDRY ROOM (OFOI)
113100	KEG-1	KEGERATOR - UBC KegMaster Double Tap Model KM15CT2 - OFOI.	IN FINAL PREP KICHEN AT LEVEL 2 (OFOI)
	ICE-1	ICE MAKER - Ice-O-Matic ICE0320 - OFOI.	IN FINAL PREP KICHEN AT LEVEL 2 (OFOI)
DIVISION 12	**FURNISHINGS**		
122413	SHADE-1	MANUAL ROLLER SHADE - MECHOSHADE, Thermoveil Shadow Grey, 3% openness.	
123661	SSF-1	SOLID SURFACE 1: Formica Classics - Luna Concrete 781	
123661	SSF-2	SOLID SURFACE 2: Sileston - Niebla	
123661	SSF-3	SOLID SURFACE 3: Formica Classics - Luna Sand 757	

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
124813	MAT-3	RECESSED MODULAR MATTING, JL Industries: Activar JL-600 series roll-up grating, 3/4" deep, clear anodizd alum. frame JL-AA. Color - Grey	AT ENTRY ZONES AT GROUND LEVEL AND LEVEL 1 - SEE PLANS.
129313	RACK-1	BICYCLE HANGING RACKS: PARK-A-BIKE SS10.	AT NEW ADDITION, LEVEL 1
DIVISION 14	CONVEYING EQUIPMENT		
142100	ELEV-1	EXISTING ELEVATOR TO BE REFURBISHED	REFER TO DRAWINGS FOR SCOPE AND FINISHES
DIVISION 22	PLUMBING		
224713	DF-X	DRINKING FOUNTAIN AND BOTTLE FILLER	REFER TO PLUMBING DRAWINGS AND SPECS FOR LOCATIONS AND TYPES
221316 / 221423	CO	CLEANOUT	
221423	DS-X	DOWN SPOUT	
221316	FCO	FLOOR CLEANOUT	
221316	FD	FLOOR DRAIN	
221119	FWH-X	FREEZELESS WALL HYDRANT	
224216.16	MS-X	JANITOR'S MOP SINK	
224216.13	L-X	LAVATORY	
224216.16	S-1	COUNTERTOP SINK AT KITCHENETTES	
224216.16	S-2	HANDWASH SINK AT FINAL PREP KITCHEN	
224216.16	S-3	FOOD PREP SINK AT FINAL PREP KITCHEN	
224216.16	S-4	FOUR-BOWL WASHUP SINK AT FINAL PREP KITCHEN	
224223	SH-1	SHOWER HEAD	
224213.16	UR-X	WALL-HUNG URINAL	
221316	VTR	VENT THROUGH ROOF	
224213.13	WC-X	WATER CLOSET	
221119	GGB	OUTLET BOX	AT LAUNDRY EQUIPMENT AND KITCHENETTE WATER APPLIANCES
DIVISION 23	MECHANICAL		
237313	AHU-X	MECHANICAL AIR HANDLING UNIT	SEE MECHANICAL DRAWINGS FOR LOCATIONS
233600	AV-X	MECHANICAL AIR VALVE	
238219	FCU-X	FAN COIL UNIT	
233300	FDAMPER	FIRE DAMPER	
233713	LPH-X	MECHANICAL AIR INTAKE/EXHAUST	
233713	MGRILLE	MECHANICAL RETURN/TRANSFER GRILLE	
233713	MVENT	MECHANICAL VENT	
238229	PR-X	MECHANICAL HYDRONIC UNIT / RADIATOR	

SECTION	TAG	DESCRIPTION	ADDITIONAL INFORMATION
DIVISION 26	ELECTRICAL		
260533	FBOX	RECESSED FLOOR BOX FOR POWER/DATA/AV	
260923	OS	OCCUPANCY SENSOR	
260923	PC	PHOTOCELL	
262726	REC	RECEPTACLE	
DIVISION 27	TECHNOLOGY		
	AV-MON	AV FLAT PANEL MONITOR (OFCI)	SEE TECHNOLOGY DRAWINGS FOR LOCATIONS AND SIZES
	AV-MNT	AV FLAT PANEL MONITOR MOUNT	
	CAM	CLOSED CIRCUIT CAMERA	
	CM-X	AV SYSTEM PTZ CAMERA (OFCI)	
	CR-X	CARD READER	
	DR	SECURITY DURESS/PANIC BUTTON	
	SP-X	AV SYSTEM SPEAKER (OFCI)	
	SM-X	SOUND MASKING SPEAKER	
	TP-X	TABLE TOP AV CONNECTIVITY BOX AND PLATE	
	WAP	WIRELESS ACCESS POINT	
	WP-1	WALL AV CONNECTIVITY BOX AND PLATE	
DIVISION 28	FIRE ALARM AND SECURITY		
283111	ANNC	ANNUNCIATOR	SEE ELECTRICAL DRAWINGS FOR LOCATIONS AND SIZES
283111	FAAP	FIRE ALARM ANNUNCIATOR PANEL	
283111	FACP	FIRE ALARM CONTROL PANEL	
283111	S	SMOKE DETECTOR	

SECTION 04 01 40

HISTORIC STONE PRESERVATION/RESTORATION

PART 1 – GENERAL

1.1 SCOPE

A. The work under this section shall consist of providing all materials, labor, equipment, tools, protection and supervision necessary for the mobilization; select removal of entire stone units; deconstruction; stone harvesting, redressing and cleaning for reuse; cleaning; wall reconstruction; rebuilding of missing features with substitute stone material; stone surface redressing in situ; stone crack injection; stone crack mortar repair; stone removal and replacement with new stone; stone removal and replacement with reclaimed stone; and stone removal and replacement with harvested stone.

1.2 RELATED WORK

A. Applicable provisions of Division 1 shall govern work under this Section.

1.3 DESCRIPTION

A. In addition to all other requirements, all work of this Section shall be performed under the guidelines of the Secretary of the Interior's Standards for the Treatment of Historic Properties and must comply with the Secretary of the Interior's Standards for Rehabilitation.

B. The intent of this Section is:

1. To carefully deconstruct the existing wall in successive segments as shown on the drawings.
2. To save as much of the historic material as possible.
3. To repair all deteriorated stone that is deemed to be suitable for reuse.

4. That all repair and replacement materials will match historic construction in all physical and visual aspects, including material, form, color, texture, and workmanship.
5. That all work will be done using the gentlest methods available.
6. That sound historical materials will not be put at risk due to the work of this Section.

C. Work includes, but is not limited to, the following (Refer to Exhibit G for further information):
1. Limited repointing of all stone masonry as shown on the drawings.
2. Removal of cement-based mortar smears from the stone surfaces at areas that require 100% rebuild or as otherwise shown on the drawings.
3. Removal of previous cement-based repairs and mismatching substitute stone repair materials as determined by Architect at areas that require 100% rebuild or as otherwise shown on the drawings.
4. Replacement or repair – exfoliated, scaled, disaggregated, chipped, cracked, spalled and broken – limestone as identified in Exhibits F and G.
5. Removal of existing sealant debris and oils from stone surfaces at areas that require 100% rebuild or as otherwise shown on the drawings.
6. Cleaning of all masonry surfaces upon completion of the repair work. 100% cleaning of the stone is <u>not</u> a requirement of this bid.

1.4 QUALITY ASSURANCE

A. Pre-Construction Conference: Prior to beginning the work of this Section, the General Contractor and all Masonry Sub-contractors shall convene a meeting with the Architect and Owner's Representative(s) to review the requirements of the Quality Assurance Plan, Project Training Program, installation procedures, location of required test areas, and all job conditions and processes.

B. <u>Quality Assurance Plan:</u> Prior to beginning Work, submit a written Quality Assurance Plan to Architect and Owner for review and approval. Allow 2 weeks for review and approval process. Do not proceed without written approval of plan. The Owner's Quality Control Representative and the Architect shall review work on a regular basis for conformance with the approved Quality Assurance Plan. Quality Assurance Plan shall, at a minimum, include the following items:
1. Describe on-site project training program.
    a. Include certificate issuer name and qualifications with the specific requisites established to meet the Historic Material Restoration Requirements (HMRR) identified in the project documents.
    b. Identify the classroom curriculum and/or outline for the Architect's review and approval.
    c. Provide a sample classroom examination
    d. Identify the field work verification process and confirm location and scope of all mock-ups for Architect's review and approval.
    e. Provide a list of all sub-contractor and/or other employees that will submit to the training and certification process.
2. Describe all methods of mobilization and access to work areas.
3. Describe methods of dust containment during the work of this section.
4. Describe the methods of protecting surrounding stone and landscape. Submit drawings of protection when requested by Architect.
5. Describe the Work procedures, materials, and tools the contractor proposes to use for each historic material restoration requirement specified.
6. Describe the sequence of historic material restoration requirements.
7. Describe how the sequence of historic material restoration requirements and the construction schedule changes as it relates to climate fluctuations and protection of completed work.
8. Describe the methods for surveying original layout and collecting datum points and plumb lines for rebuilding stone masonry.
9. Describe the methods for shoring and providing a safe working environment.
10. Describe the methods for deconstruction of the masonry parapets (stone and brick) and tools for cleaning the stone for reuse.
11. Describe the methods for deconstruction of individual stone and tools for cleaning the stone for reuse.
12. Describe the method and approach to cleaning cement-based mortar and old patching materials from the stone face.
13. Describe, in detail, the matching procedures relating to techniques and tools proposed for stone redressing.

14. Describe the complete stone removal procedures; include equipment, approach and where (on-site or in shop) the stone will be redressed.
15. Describe the complete stone redressing procedures; include equipment, approach and where (on-site or in shop) the stone will be redressed.
16. Describe the procedure for mixing and matching of substitute stone materials.
17. Describe the methods and system by which the use of reclaimed stone can be utilized.
18. Describe the methods for setting stone back into wall for rebuilding the wall and maintaining the original bonding and course layout concept.
19. Describe the methods of transition points where rehabilitation work will meet the original historic work.

C. Historic Masonry Consultant – Training Program Instructor:
1. The contractor shall secure and pay for the services of an independent historic masonry consultant to provide the on-site project training certificate program.
   a. The independent historic masonry consultant shall have 10 years' experience in historic masonry work and be well-versed in the requirements of the Secretary of the Interior's Standards for Rehabilitation as they relate to the work of this Section.
   b. The instructor responsible for issuing certificates shall provide evidence of training experience on 5 other projects of similar scope and scale.
   c. Product manufacturers, vendors, distributors, or suppliers of materials specified in this Section shall **not** be permitted to offer on-site project training certificates.

D. Project Training Program Definition and Use (Refer to Section 04 01 40 1.4.K):
1. All workers must obtain project training certificate(s) in order to work on the project. Project training certificates are earned by individual workers and issued with the understanding that they are for limited time use, enforceable only to this specific project and for a specific historic masonry repair requirement.
   a. The certificates cannot be earned by a company.
   b. They are non-transferable and only valid for the specific rehabilitation treatment specified. For example: this project has defined several rehabilitation treatments in the scope that will require separate on-site training sessions for issuance of the required project training certificates.
   c. The contractor has the flexibility to assign workers that are most proficient in the skills required for the specified rehabilitation treatment. It is not necessary, nor a requirement of this specification, that all workers obtain all project training certificates offered. A laborer, for example, may need to become proficient at historic material removal, documentation, and inventory control, as well as mortar mixing, but not need to be qualified to set stone or prepare stone surfaces for repair.
   d. The contractor must assign workers to tasks that the workers are assigned to only. None certified tasks may be undertaken by any personnel.
   e. The contractor and/or the Historic Masonry Consultant shall develop a method for identifying workers and their certifications to aid in the review of workers and their work.
2. Owner reserves the right to remove any workers from the project site who does not meet the standards and performance criteria as described in this section.

E. Stone Rehabilitation Firm Qualifications:
1. The General Contractor shall engage an experienced masonry rehabilitation firm to perform work in this section. The firm shall have completed work similar in material, design, and extent to that indicated for this Project and shall demonstrate a record of successful in-service performance. Proven implementation of the Secretary of the Interior's Standards for Rehabilitation: Preservation Briefs #1 and #2 and compliance with TMS 402-08/ACI 530-08/ASCE 5-08 are required.

F. Field Supervision:
1. Masonry rehabilitation firms shall maintain an experienced full-time supervisor on the Project site at all times when stone masonry rehabilitation is in progress. A single individual shall be responsible for supervising the stone masonry rehabilitation work throughout the duration of the Project.

G. Rehabilitation Worker Qualifications:

1. Rehabilitation specialist firms must employ craftspersons who are experienced with and specialize in rehabilitation work of the types they will be performing.
2. All rehabilitation treatments must be performed by a project - certified craftsperson who is familiar with historic stone construction. The Contractor shall provide proof of such knowledge to the Architect by submitting a project training certificate for each worker for each rehabilitation treatment to be assigned.
3. Only skilled journeyman masons who are familiar with and experienced with the materials and methods specified, and who have successfully obtained a Project Training Certificate as defined herein and are familiar with the design requirements shall be used for the scope of this Section.

H. Source Limitations:
1. Each type of material for stone rehabilitation shall be obtained from a single source with resources sufficient to provide materials of consistent quality in color, texture, detailing, appearance and physical properties.

I. Mortar Analysis and Testing (By Owner):
1. Applicable ASTM Testing and analysis shall be performed on both the existing historic mortar and any new mortar proposed for the setting and repointing of existing and new stone. All testing shall meet industry standards and be carried out by an independent laboratory with experience in historic masonry materials. The Contractor shall be responsible for providing the Architect with technical test data documenting, at a minimum, the compressive strength ASTM Test C170, rate of absorption ASTM Test C97 and vapor transmission characteristics ASTM Test E96-Water Method-Modified, in comparison to the original historic mortar.
2. Note ASTM Test E96-Water Method-Modified testing shall be completed by:
   a. AMT Laboratories • 3741 Greenway Circle • Lawrence, Kansas 66046 • (888) 376-3600
   b. Contact: Courtney Murdock

J. Stone Analysis and Testing (By Owner):
1. Applicable ASTM Testing and analysis shall be performed on both the existing historic stone and any new stone or reclaimed stone proposed for replacement. All testing shall meet industry standards and be carried out by an independent laboratory with experience in historic masonry materials. The Contractor shall be responsible for providing the Architect with technical test data documenting, at a minimum, the compressive strength ASTM Test C170, rate of absorption ASTM Test C97 and vapor transmission characteristics ASTM Test E96-Water Method-Modified, in comparison to the original historic stone.
2. Note ASTM Test E96-Water Method-Modified testing shall be completed by:
   a. AMT Laboratories • 3741 Greenway Circle • Lawrence, Kansas 66046 • (888) 376-3600
   b. Contact Courtney Murdock

K. Stone Treatment Mock-ups:
1. All submittals as noted herein shall be submitted and approved prior to the creation of mock-ups.
2. Consult the Architect for placement, size, and location of mock-ups. Mock-ups shall demonstrate to the Architect and Owner the methods and quality of workmanship to be performed in all stone treatments.
3. The mock-ups shall be installed and approved as part of the certification process required under this contract; and shall be required only for those treatments that are included in this scope of work.
4. Prepare mock-ups directly on the existing historic wall under the same weather conditions expected during the remainder of the work.
5. Throughout rehabilitation, retain approved mock-up panels in undisturbed condition, suitably marked, as a standard for judging completed work.
   1. There shall be one approved mock-up for every worker and every treatment for which they are certified.
6. Mock-ups shall include separate treatments, as called out on the drawings and related specification Sections, see Part 3 – Execution herein. These are as follows:
   a. Repointing Mortar Installation - Repoint mortar joints, 12 feet in length and three (3) courses high. (Training and Certification for this task is required)
   b. Substitute Stone Patch – Substitute stone patch material repair on at least two (2) stones. Include one stone on which to demonstrate proficiency in

removing previous patching material and repairing with new substitute stone patch material. (Training and Certification for this task is required)

c. Crack Repair – Repair one (1) crack, 18 inches in length, using dispersed hydrated lime injection technique with spachal surface treatment. (Training and Certification for this task is required)

d. Dutchman - Undertake Dutchman repairs in two (2) locations, including one that is only cut and prepared for application. (Training and Certification for this task is required)

e. Masonry Adhesive – Perform one (1) masonry adhesive process that fully meets the requirements of this specification.

f. Stain – Perform one (1) area of stone stain to match adjacent original stone (post-cleaning).

g. Redress Stone in-situ – Perform one (1) area of stone resurfacing/redress.

h. Baluster Repair – Complete baluster repair in one (1) location/one (1) baluster. The work will include the binding, removal, core-drill, helical anchor installation, lime injection/adhesive installation and stain.

i. Cleaning - restoration cleaning will not be required.

j. Note: Review all masonry restoration exhibits to confirm all work required under this section.

1.5 SUBMITTALS

A. Submit the following items in time to prevent delay of the work and to allow adequate time for review. Do not order materials or start work before receiving written approval.

B. Submit samples of all specified materials and Material Safety Data Sheets (MSDS) as appropriate.

C. Submit test results from all ASTM testing analyses as described in Quality Assurance.

1. All testing shall be coordinated by: John Lambert, 681 South 4050 West, Salt Lake City, UT 84104; (801) 509-5099 email: john@masonry-restoration.com

2. Preferred Laboratory Vendor: AMT Laboratories • 3741 Greenway Circle • Lawrence, Kansas 66046 • (888) 376-3600

D. Quality Assurance Plan

1. Submit written plan as outlined in the Quality Assurance Section for the work of this Section.

E. Historic Masonry Consultant – Training Program Instructor

1. Preferred Vendor: John Lambert, Historic Masonry Trainer/Abstract Masonry Restoration, Inc., 681 South 4050 West, Salt Lake City, UT 84104; (801) 509-5099 email: john@masonry-restoration.com

2. Other vendors may be considered but must be vetted and approved by the Architect **PRIOR** to submitting bid. No substitutions will be allowed after the Bid due date.

F. Project Training Program Plan

1. Submit written documentation of a training certificate program which complies with ASTM E2659-09 Standard Practice for Certificate Programs specific to the rehabilitation treatment requirements of this project. At a minimum the training program shall include all stone treatment requirements listed on the drawings and the removal of both cement based mortars and lime mortar and installation of lime mortar. The documentation shall include: the number of learning events; a defined scope of training; a list of learning objectives, outcomes, assessment, and evaluation; samples of written tests; description of skills testing methodology; and requisites to obtain a certificate.

G. Project Training Certificates

1. Submit written project training certificates from an independent Historic Masonry Consultant – Training Program Instructor verifying that all workers, installers, supervisors, project managers, and foremen have successfully completed the requisites from the on-site training program specific to the rehabilitation treatments assigned to them individually and as specified for this project.

H. Stone Samples for Verification

1. Before erecting mockup, submit samples of the following:

a. Stone Replacement – Full Reclaimed Stones – Owner has a supply of reclaimed stone for use on this project. Contractor shall verify whether stone meets specification requirements. Owner makes no assurance that the reclaimed stone will meet project specification requirements.

b. Stone Replacement – Full New Stones – Full new stones shall meet specification requirements for color texture, density, technical performance, and stone type.

c. Stone Replacement – Cut Stones – Create each profile for review and approval.

2. Substitute Stone Repair Material – Provide at least two samples for patching material that will match the existing stone. Patching shall match existing stone; therefore, multiple submittals are expected. Substitute stone repair material will not be permitted to be applied in missing areas of more than 2 inches deep.

3. Qualification Data for Stone Rehabilitation Firm – The firm must submit written documentation of at least five (5) individual projects completed in the last 15 years with at least two (2) projects over $1 million dollars for which they have been the primary masonry specialist. Work must be performed by a contractor with 15 years' documented successful experience in comparable historic stone masonry rehabilitation projects in size, age and material and who employs personnel skilled in the rehabilitation treatments and rehabilitation process and operations indicated.

   a. The written submission must include the following:

      i. Name and address of project
      ii. Name, address and phone numbers of Client
      iii. Date of project completion
      iv. Age of structure and whether it was listed on the National Register of Historic Places or is designated as a Historic Landmark
      v. How the work scope was specifically delivered to comply with the Secretary of the Interior's Standards for Rehabilitation.
      vi. Size of the project, in terms of square feet of stone masonry restored
      vii. List of materials (including names and manufacturers) used on project

4. Qualification Data for Field Supervisor –The firm must submit written documentation of at least 5 projects that the Field Supervisor has supervised. The projects may include those that were completed under the employment of a different firm. The list must include projects that are similar in size, age and material to the current project. All stone treatments must be performed and supervised by craftspersons whom are familiar with historic stone masonry construction.

   a. The written submission must include the following:

      i. Name and address of project
      ii. Name, address and phone numbers of Client
      iii. Date of project completion
      iv. Size of the project, in terms of square feet of stone masonry required
      v. List of materials (including names and manufacturers) used on project
      vi. Name(s) of firm(s) the work was performed under, if different from submitting firm
      vii. Proof of expertise in historic stone masonry, as indicated by a rehabilitation treatment certificate from the training program defined in this specification

5. Qualification Data for Workers – The firm must submit the name of each craftsperson who will be assigned to this project. Only skilled journeyman masons, trained and certified by the historic masonry consultant, shall be used for masonry rehabilitation. All stone treatments must be performed and supervised by craftspersons who are familiar with historic stone masonry construction.

   a. Include the following:

      i. Name of craftsperson
      ii. Position craftsperson will hold on this project
      iii. Number of years working as a masonry rehabilitation specialist
      iv. Proof of expertise in historic stone masonry, as indicated by a project certificate from the training program defined in this specification
      v. Submit digital photographic documentation proposed procedures

1.6 SUBSTITUTIONS

A. If alternatives to the methods and materials indicated are proposed for any phase of rehabilitation work, the Contractor shall provide written descriptions and programs of testing and install all test panel samples and mock-ups to demonstrate the effectiveness of the alternatives for use on this project.

B. The Contractor must provide documentation showing compliance with the requirements for substitutions and the following information:
   1. Coordination information, including a list of changes to other work that will be necessary to accommodate the substitution
   2. A comparison of the substituted products and materials with the specified products and methods, including performance, weight, size, durability, and visual effect.
   3. Certification that the substitution conforms to the contract documents and is appropriate for the applications indicated. Material substitution requests must be accompanied by independent laboratory test reports from a lab designated by the Architect to establish equivalent performance levels and specification compliance. The Architect shall designate the testing lab, and the party requesting the substitution shall pay for testing.

1.7 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Deliver and store materials in manufacturer's original unopened containers bearing labels indicating the grade, batch, production data, type, and names of products and manufacturers.

B. During storage and construction, protect rehabilitation materials from wetting by rain, snow or ground water, and from staining or intermixture with earth or other types of materials.

C. Protect stone and other materials from deterioration by moisture and temperature. Store stone in a dry location or in waterproof containers. Keep stone on pallets. Do not shrink wrap stone on pallets.

D. Comply with product manufacturer's recommendations for minimum and maximum temperature requirements for storage.

E. Comply with the manufacturer's written specifications and recommendations for application and installation.

F. Store all materials in a location that will not impede the progress of the work.

1.8 PROJECT CONDITIONS

A. Do not perform any masonry work unless air temperatures are between 40 degrees Fahrenheit (10 degrees Celsius) and 95 degrees Fahrenheit (32 degrees Celsius) and will remain so for at least 120 hours after completion of the work. To prevent premature evaporation of the mortar, phase masonry work during hot weather by completing the process on the shady side of the wall or by scheduling installation of materials during cooler evening hours.

B. Do not use frozen materials or materials mixed or coated with ice or frost. Do not lower the freezing point of mortar by the use of admixtures or anti-freeze agents, and do not use chlorides in the mortar.

C. Prevent mortar from staining the face of the masonry or other surfaces to be left exposed. Immediately remove all mortar that comes in contact with any surface.

D. Cover partially completed work when work is not in progress.

E. Protect projections from droppings.

F. Damage occurring to the structure as a result of the Contractor's failure to protect against such damage shall be the Contractor's responsibility. The contractor shall restore damaged areas to the complete satisfaction of the Architect at no expense to the Owner.

G. Cold-Weather Requirement for masonry repair and mortar:
   1. Follow ACSI 530 and manufacturers written installation requirements.

H. Hot-Weather Requirements:
   1. Protect masonry repair and mortar-joint pointing when temperature and humidity conditions produce excessive evaporation of water. Provide artificial shade and wind breaks and use cooled materials as required. Do not apply mortar to substrates with temperatures of 90 degrees Fahrenheit and above.

1.9 ATTIC STOCK

A. Provide the following products and amounts for Owner attic stock:
   1. Rehabilitation Mortars - At least 6 bags of unopened NHL 3.5.
   2. Substitute Stone Repair Materials - At least 1 gallon unopened containers for each type of stone patching material used. There will be up to 6 patch colors required.
   3. Any unused, reclaimed stone from stone replacement such as the rebuild of the Wilson Stairs at the end of the Project. Palletize the stones and transport to an offsite location as designated by the City.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

A. In other Part 2 articles where titles below introduce lists, the following requirements apply for product selection:
   1. Products: Subject to compliance with requirements, provide one of the products specified.
   2. Manufacturers: Subject to compliance with requirements, provide products by the manufacturers specified.

2.2 SUBSTITUTE STONE PATCH MATERIAL

A. Substitute Stone Patch Material: Must use only mineral-based, single component products that contain natural binders; no synthetic polymers or additives are permitted. Substitute stone material must be pre-mixed in a quality controlled factory, with only the addition of water required at the site prior to installation.

B. Acceptable material:
   1. Jahn M70 Repair Mortar, Cathedral Stone Products, Jessup, Maryland

C. Substitute Stone Patch Material shall be custom colored to match the existing stone and produced in a quality controlled factory environment. The contractor will be expected to keep a stock of a range of six (6) custom colors.

D. No field mixing of color pigments into the repair materials is permitted on-site.

E. No color staining of existing stone or newly applied repair materials is permitted.

F. Apply substitute stone materials to areas no more than 2 inches in depth and 3 inches wide or as specifically allowed by the manufacturer.

2.3 STONE REPLACEMENT MATERIAL

A. Oolitic Indiana Limestone shall be by the Indiana Limestone Company; no substitutes will be allowed. The Contractor shall use replacement stone that is compatible to the existing stone in appearance, color and texture, as well as in the physical properties identified in section 1.4.j (above) the following manufacturers/distributed may be contacted for samples:
   1. Quarra Stone Company, LLC, Madison, Wisconsin, Contact: Steve Ensor, (608) 246-8803
   2. Galloy & Van Etten, Chicago, Illinois, Contact: Tom Van Etten, (773) 928-4800
   3. Gary Galassi Stone & Steel, Romeoville, Illinois, Contact: (815) 886-3906
   4. Madison Block and Stone, Madison, Wisconsin, Contact: Wayne Welzien, (608) 429-5633
   5. Halquist Stone Co. Inc., Sussex, WI, Contact: (262) 246-9000
   6. Approved equal (approval required prior to Bid)

B. Mortar for laying replacement stone: Mortar shall be the same as the pointing mortar, as defined in this Section.

2.4 ALL MORTAR MATERIALS

A. The basis of the mortar for this project shall be:
   1. St. Astier Natural Hydraulic Lime NHL 3.5, distributed by TransMineral USA.
   2. Pigment – None.
   3. Sand – Sand shall be clean and uncontaminated by clay/silt. Janesville #1 by Janesville Sand and Gravel, 1110 Harding Street, P.O. Box 427 Janesville, WI 53547, 800-955-7702.
   4. Final mortar mix shall be determined in the field under the direction of the Architect. For the purposes of this bid use the following lime/sand ratio (1:2.5) by volume.

B. All mortar shall be prepared and placed in accordance with the Department of the Interior National Park Service Cultural Resources Preservation Briefs 2, “Repointing Mortar Joints in Historic Masonry Buildings” (Revised Edition October 1998), and in compliance with the guidelines set forth by the Secretary of the Interior’s Standards.

C. The mortar shall match the original in color, grain size and texture. The compressive strength of the repointing mortar shall be equal or less than the compressive strength of the original mortar and surrounding brick. The replacement mortar shall contain approximately the same ingredient proportions of the original mortar and shall have a water vapor transmission rate greater than all adjacent masonry.

D. All replacement mortar ingredients and mortar formulations have been established from test data gathered from the original materials sampled from site, and from performance data observed in the field.

E. Mixing of individual mortar ingredients at the construction site will be permitted.

F. Repointing mortars may be pre-blended (not including water) in single containers in a factory-controlled environment, however the architect shall have FULL authority to reject any process that in his sole discretion will not meet the intent of this specification.

G. All ingredients will be converted from volume measurements to weight measurements to ensure quality production of the mortar. This must be accomplished prior to any mix manufacture with the Natural Hydraulic Lime manufacturer.

H. All mortar materials delivered to the site shall be tested to confirm specification compliance before mortar is installed in the wall.

2.5 OTHER MATERIALS

A. Expansion Anchor: HY 150 Max with stainless steel bolt washer and nut, manufactured by Hilti, Inc., 1132 Miller Park Way, Milwaukee, Wisconsin, 53214, us-sales@hilti.com.

B. Shims: 2 inch by 4 inch by 1/16 inch, 1/8 inch, and 1/4 inch, plastic shims as manufactured by Racknow Polymers and distributed by Lance Construction Supplies, Inc., Chicago, Illinois, or approved equal.

C. Strap Anchors: “No. 141 U-Type Stone Anchor,” 8 inches long by 1-1/4 inch wide with a 7/8 inch bend (Interior dimension). 16 gauge or 0.625 inch (1/16 inch) thickness, stainless steel conforming to ASTM A 167, AISI Type 304, as manufactured by Heckmann Building Products, Inc., Melrose Park, Illinois.

D. Dowels (Pins): 3/8 inch diameter by 4 inch long, smooth finish, stainless steel, conforming to ASTM 267, AISI Type 304 or 316.

E. Lead Cap Flashing: Such as Weathercap lead flashing (Type A and Type B), by Weathercap, Inc., P.O. Box 1776 Slidell, LA 70459 (985) 649-4000.

F. Water: Potable (this means that you should be able to drink it), fresh, clean, clear and free from injurious amounts of sewage, oil, acid, alkali, salts, organic matter or other detrimental substances.

G. Structural Angle Steel Lintels: hot dipped galvanized ASTM A36 steel – galvanized post modification.

H. Self-adhering Membrane Flashing: “Polyguard 400 Thru Wall Flashing,” a 40 mil, self-adhering, self-healing membrane consisting of a rubberized asphalt waterproofing element, bonded to a strong polyethylene film top surface, as manufactured by Polyguard Products Inc, Ennis, Texas, or “Perm-A-Barrier Wall Flashing,” 40-mil, self-adhering membrane wall flashing as manufactured by W.R. Grace & Co., Columbia, Maryland, or approved equal.

I. Through-wall Flashing Drip Edge: “Preformed Stainless Steel Drip Edge.” 28 gauge (15 mils thick), 1-5/8” wide with a 3/8” bend at one end made of Type 304 grade, dull finish stainless steel in conformance with ASTM A 167, as manufactured by Polyguard Products inc, Ennis, Texas, or approved equal.

J. Helical Anchors: Such as Spira-Lok helical wall tie system by Blok-Lok. Confirm size and confirm with Architect prior to use.

K. Masonry Adhesive: Such as Ultimate Modified Polyurethane Hybrid (MPH), color: Buff, by Bonstone Materials Corp.

L. Crack Injection Material: Depending upon condition in field (characteristics of crack) the following materials may be used:

i. Dispersed Hydrated Lime Injection Mortar such as DHL-IM by US Heritage Group or approved equal.

ii. Last Patch Gel by Bonstone Materials Corp.

iii. Crack Repair 31, Low Viscosity Crack Injection Resin by Bonstone Materials Corp.

M. Consolidation Treatment: Such as HCT (Pretreatment) and OH100 Consolidation Treatment by Prosoco.

N. Cleaner for Asphalt Tar and Non-Silicone Sealant: Thixotropic stripping compound such as Sure Klean Fast Acting Stripper by Prosoco or approved equal.

O. Cleaner for Silicone Sealants: Such as Sure Klean Dicone NC9 by Prosoco or approved equal.

P. Other Items: All other materials not specifically described but required for a complete and proper installation of the Work in this Section, shall be selected by the Contractor subject to approval by the Architect.

PART 3 – EXECUTION

3.1 EXAMINATION

A. The Contractor shall have the sole responsibility for the accuracy of all measurements and for the estimate of material quantities required and necessary to satisfy the requirements of these

Specifications. It is the intent of this project to salvage, preserve and reuse existing stone to the greatest extent possible.

B. Whenever possible, where full stone replacement is deemed necessary, use approved original material salvaged and stored by the Owner.

C. Should replacement stone be required due to irreparable damage; match all physical properties including color, texture and size of existing stone.

D. Verify that installation conditions are satisfactory to receive work of this Section.

E. Do not proceed until unsatisfactory conditions have been corrected.

F. Beginning work constitutes the Contractor's acceptance of conditions as satisfactory.

G. During deconstruction, as well as rehabilitation operations, restore all areas to a weathertight condition each day and/or before inclement weather commences.

3.2 SUBSTITUTE STONE PATCH (SSP)

A. Substitute stone repairs require a moldable, plastic filled material applied directly to the loss area and set into place by its own adhesion to the stone substrate. Such stone repair mortars and putties are typically offered by manufacturing companies that do not sell stone. Estimates for the volume of material removed and needed for this repair are provided in Exhibit G; final scope may vary depending on conditions encountered in the field.

B. Substitute stone material may not be installed in thicknesses exceeding 2 inches. Stone repairs in excess of 2 inches thick will require reconfiguring the stone in lieu of performing other repairs.

C. Remove all loose mortar and masonry prior to installation of the substitute stone material. "Sound" the masonry with a hammer to verify its integrity. If necessary, cut away an additional 1/2" of the stone substrate to ensure the surface to be repaired is solid and stable. Remove any sealant residue.

D. Cut out all cramp anchors, threaded rod anchors and/or dowels within the damaged masonry area. Any anchors that are free of rust, solidly embedded, and do not project beyond the solid masonry surface may remain. All others should be removed.

E. Using clean water and a scrub brush, clean all dust from surface and pores of the substrate.

F. For very dry or porous surfaces, pre-wet the substrate ahead of time to prevent the substrate from drawing moisture out of the repair too quickly. Re-wet the surface immediately before applying the repair material.

G. Use methods established in project training program to deliver the substitute stone repair work as demonstrated and approved by the Architect and Owner.

H. Curing methods vary in different parts of the country and at different times of the year, calling for different amounts of water to be used in the first 36 hours after application. Adjustments also have to take into account how much time is remaining before freezing weather occurs.

I. Follow all manufacturers' instructions pertaining to the placement of materials. If the manufacturer requires that installers of a specified product be trained, provide this documentation to the Architect and supporting documentation. Training certificates previously issued by product companies for the application of specified products may not be substituted for the Project Training "Substitute Stone Certificate" on this project. Applicators previously trained by product companies are encouraged to work on this specific scope, but it is not a mandatory requirement of this specification, only that of the product company to ensure the proper placement of the materials.

J. Only rehabilitation technicians that hold a Project Training "Substitute Stone Repair Certificate" will be permitted to work on the scope of this stone repair treatment as defined.

3.3 FERROUS ANCHOR/BOLT REMOVAL

A. Remove masonry anchors, brackets, wood nailers, and other extraneous items no longer in use unless identified as historically significant or indicated to remain. Estimates for the number of fastener repairs needed for this work are provided in Exhibit G; final scope may vary depending on conditions encountered in the field.

B. Remove items carefully to avoid spalling or cracking masonry.

C. If item cannot be removed without damaging surrounding masonry, cut off item flush with surface and core drill surrounding masonry and item as close around item as practical.

D. Only rehabilitation technicians that hold a Project Training "Ferrous Anchor/Bolt Removal Certificate" will be permitted to work on the scope of this stone repair treatment as defined.

3.4 STONE PLUG REPAIR

A. At locations where ferrous anchor bolts and the like are removed prepare a replacement plug by core-drilling replacement stone. Use a drill sized to produce a core that will fit into hole drilled in damaged stone with tolerances of no more than +/- 1/16 inch. Estimates for the number of stone

plugs needed for this repair are provided in Exhibit G; final scope may vary depending on conditions encountered in the field.

B. Adhere the repair piece with substitute stone patch material and clamp so the seam may cure. Prior to adhering with lime putty, the new piece of stone shall be carved and refined to match the surface of the adjacent original stone in both profile and finish. This step is necessary to allow a virtually invisible replacement repair.

C. Use methods established in project training program to deliver acceptable repair work as demonstrated and approved by the Architect and Owner.

D. Prior to installing the new piece, the stone shall be carved and refined to match the surface of the adjacent original stone in both profile and finish. This step is necessary to allow a virtually invisible replacement repair. Adhere the repair piece with mortar that has a high content of lime (hydrated or putty) and clamp so the seam may cure.

E. Only rehabilitation technicians that hold a Project Training "Stone Plug Repair Certificate" will be permitted to work on the scope of this stone repair treatment as defined.

3.5 REMOVE, REDRESS AND RESET

A. Before removing any deteriorated masonry units establish bonding patterns, levels and coursings. Label each unit, numbered on drawings, for this treatment to correspond. Intent of label is to ensure return of stone to same location and bond pattern. Label the stones on a surface which will be completely hidden once the stones are reinstalled. The method of labeling should be compatible with specified mortars (and not result in non-adhesion or an adverse reaction to the mortar, etc.) Numbered stones should be oriented the same (up/down, north, south, east, west) when reinstalled as when they were removed. Estimates for the amount of each technique/scope needed for this repair are provided in Exhibit G; final scope may vary depending on conditions encountered in the field.

B. Carefully remove units in gentlest means necessary for reinstallation at the same location.

C. Scale off all loose pieces of original stone from masonry intended to be removed, redressed and returned, including surface material in powder or granular form and detachments of planer elements, spalls and chips. Contractor shall sound all stone on building by using the "ring test method" in order to distinguish fully intact stone from those in which delamination may be hidden or pieces of unstable material may not be immediately visible.

D. Remove mortar, loose particles, and soil from stone by cleaning with hand chisels, needle scalers, brushes, and water.

E. Remove sealants, asphalt and other asphaltic materials by cutting close to stone with utility knife and cleaning with solvents.

F. Use methods established in project training program to redress the stone surface to match the original surface textures and profiles as approved by the Architect and Owner and as required.

G. It is the intention of this treatment to avoid introducing products to the face of the stone merely to enhance the look and color of the surface.

H. Reset unit plane or plumb with the surrounding stone masonry surfaces. The maximum open space behind the returned stone unit is equal half of the stone's depth. Notify Architect for alternate stone treatment repair if open space exceeds permissible depth. No infill will be permitted behind stone.

I. Butter vertical joints for full width before setting and set units in full bed of mortar, unless otherwise indicated.

J. Rake out mortar used for laying stone before mortar sets and point new mortar joints in repaired area to comply with requirements for repointing existing stone, and at same time as repointing of surrounding area.

K. Only rehabilitation technicians that hold a Project Training "Remove, Redress and Return Certificate" will be permitted to work on the scope of this stone repair treatment as defined.

3.6 STONE REMOVAL AND REPLACEMENT

A. When directed, remove stone that has deteriorated or is damaged beyond repair. Carefully demolish or remove entire units from joint to joint, without damaging surrounding stone, in a manner that permits replacement with full size units. Estimates for the volume of material removed and needed for this repair are provided in Exhibit G; final scope may vary depending on conditions encountered in the field.

B. Sort stone by size and zone for future use.

C. Support and protect remaining stonework that surrounds removal area and adjoining construction in an undamaged condition.

D. Remove in an undamaged condition as many whole stone units as possible.

E. Remove mortar, loose particles, and soil from stone by cleaning with hand chisels, needle scalers, brushes, and water.

F. Remove sealants, asphalt and other asphaltic materials by cutting close to stone with utility knife and cleaning with solvents.

G. Reuse salvaged stone to the fullest extent possible. Integrate new replacement stone in concealed areas or shielded from public view.

H. Deliver cleaned stone not required for reuse to Owner per subsection 1.9 of this document.

I. Clean stone surrounding removal areas by removing mortar, dust, and loose particles in preparation for replacement.

J. Only rehabilitation technicians that hold a Project Training "Stone Removal and Replacement Certificate" will be permitted to work on the scope of this stone repair treatment as defined.

K. Replace removed stone with other removed stone, where possible, or with new stone matching existing stone, including size. Butter vertical joints for full width before setting and set units in full bed of mortar, unless otherwise indicated.

L. Rake out mortar used for laying stone before mortar sets and point new mortar joints in repaired area to comply with requirements for repointing existing stone, and at same time as repointing of surrounding area.

M. Only rehabilitation technicians that hold a Project Training "Stone Removal and Replacement Certificate" will be permitted to work on the scope of this stone repair treatment as defined.

3.7 DUTCHMAN

A. Remove damaged stone to a specified depth and insert a new piece of stone to fit in the opening to create the appearance of a seamless patch. Estimates for the volume of each technique/scope needed for this repair are provided in Exhibit G; final scope may vary depending on conditions encountered in the field.

B. Carefully remove the deteriorated stone material in a larger stone. The Dutchman repair will be required on stones with surface face loss which exceeds 2 inches minimum in depth.

C. At locations indicated, remove regular geometric portions of stone units. Carefully remove stone by making vertical and horizontal saw cuts at face of stone and demolishing corner portion of stone unit to depth required for fitting partial replacement. Make edges of stone at cuts smooth and square to each other and to finished surface.

D. Remove loose mortar particles and other debris from surfaces to be bonded and surfaces of adjacent stone units that will receive mortar by cleaning with stiff-fiber brush.

E. The new piece must precisely fit into place with tolerances of no more than +/-1/16-inch. Supporting rods of stainless steel may be necessary for some Dutchman repairs, depending on the extent of the repair and the location.

F. Prior to installing the new piece, the stone shall be carved and refined to match the surface of the adjacent original stone in both profile and finish. This step is necessary to allow a virtually invisible replacement repair. Adhere the repair piece with specified adhesive.

3.8 CRACK INJECTION AND STAIN

A. General: Comply with cementitious crack filler manufacturer's written instructions. Estimates for the amount of crack injection needed for this repair are provided in Exhibit G; alternative methods may be proposed to reduce impact on existing material. Final scope may vary depending on conditions encountered in the field.

B. Drill 1/4-inch- (6-mm-) diameter, downward-sloping injection holes as follows:

1. Transverse Cracks Less Than 3/8 inch (10 mm) Wide: Drill holes through center of crack at 12 to 18 inches (300 to 500 mm) o.c.
2. Transverse Cracks More Than 3/8 inch (10 mm) Wide: Drill holes through center of crack at 18 to 36 inches (500 to 1000 mm) o.c.

C. Clean out drill holes and cracks with compressed air and water. Remove dirt and organic matter, loose material, sealants, and failed crack repair materials.

D. Place plastic injection ports in drilled holes and seal face of cracks between injection ports with clay or other non-staining, removable plugging material. Leave openings at upper ends of cracks for air release.

E. Inject cementitious crack filler through ports sequentially, beginning at one end of area and working to opposite end; where possible begin at lower end of injection area and work upward.

F. Inject filler until it extrudes from adjacent ports. After port has been injected, plug with clay or other suitable material and begin injecting filler at adjacent port, repeating process until all ports have been injected.

G. Clean cementitious crack filler from face of stone before it sets by scrubbing with water.

H. After cementitious crack filler has set, remove injection ports, plugging material, and excess filler. Patch injection holes and surface of cracks as specified.
I. For all areas of exposed crack filler material, apply new stain/pigment to offset the color to best match the adjacent stone.
J. Only rehabilitation technicians that hold a Project Training "Crack Lime Injection and Stain Certificate" will be permitted to work on the scope of this stone repair treatment as defined.

3.9 MASONRY ADHESIVE

A. General: Comply with masonry adhesive manufacturer's written instructions. Estimates for the amount of masonry adhesive needed for this repair are provided in Exhibit G; final scope may vary depending on conditions encountered in the field.
B. Carefully remove stone fragments as required and reserve for adhesion to existing stone substrate.
C. Prepare all surfaces for adhesion as directed by the adhesive manufacturer.
D. Apply masonry adhesive in strict accordance with the requirements of the adhesive manufacturer.
E. Reinstall reserved stone fragments, clamping or securing as required to promote a permanent bond
F. Avoid excessive adhesive and immediately clean all adhesive smears
G. Fill all voids remaining after the stone material has been adhered with compatible stone patch material as specified herein
H. Only rehabilitation technicians that hold a Project Training "Masonry Adhesive Certificate" will be permitted to work on the scope of this stone repair treatment as defined.

3.10 DRESS STONE IN-SITU

A. Carefully remove loose stone fragments from face of stone. Estimates for the area of redress in-situ needed for this repair are provided in Exhibit G; final scope may vary depending on conditions encountered in the field.
B. Finish face of stone to match existing texture.

3.11 BALUSTER REPAIR

A. It is the intent of this project to preserve all balusters for reinstallation.
B. Bidders note: this process has been developed and executed on one baluster. The actual process can be made available at your request.
C. Bind the balusters. While the balusters are still in place, bind and fully support each individual baluster through the use of non-penetrating and/or destructive means.
D. Remove and preserve the balusters for reuse. Number each baluster and document its location in the wall so that it can be returned during the parapet rebuild.
E. Prepare the baluster for helifix installation. This has been done during our mock-up process by creating a simple jig.
F. Drill helifix port vertically into baluster.
G. Install helifix anchor in strict accordance with manufacturer's requirements.
H. Repair cracks utilizing methods described herein including lime injection, staining, stone substitute material patch, etc.
I. Reinstall balusters.
J. Touch up as required.

3.12 POINTING OF MORTAR JOINTS IN STONE

A. Center Cut Method: Existing horizontal mortar joints (bed joints) may be raked out using a rotary grinder with diamond blade that is narrower than the joint width but not more than 50%.
B. The vertical mortar joints (head joints) shall be removed by hand using masonry chisels or pneumatic carving tools powered by air; they SHALL NOT be raked out using rotary power saws. This work should be included in the overall cost for repointing; final scope may vary depending on conditions encountered in the field.
C. All joints (unless otherwise noted) shall be raked back to sound, solid, back up material. All raking out should leave a clean, square face at the back of the joint to provide for maximum contact of pointing mortar with the masonry back up mortar. Shallow or feather edging shall not be permitted.
D. If, after mortar is raked back voids are encountered in the historic mortar, then prepare the joint to provide a proper substrate for pointing mortar installation (tamp pointing).
E. Existing mortar joints shall be raked out a minimum depth of 2 1/2 times the width of the existing mortar joints or as indicated on the drawings.
F. Contractor shall not widen the existing masonry joints.
G. The surrounding masonry edges shall not be spalled or chipped in the process of mortar removal.

H. Damage to surrounding stone resulting from rotary blade over running shall not be permitted. Contractor shall replace all stone damaged during mortar removal with replacement units that match the original exactly. This work shall be done at the Contractor's sole expense.

I. Remove all friable material. Brush, vacuum, blow out or flush joints with water to remove dirt and loose debris, working from top to bottom of wall.

J. Exposed surface of stone adjacent to joint shall be thoroughly saturated prior to re-pointing. Maintain a water sprayer on site at all times during the re-pointing process.

K. The mortar material shall resemble the consistency of brown sugar during installation. This drier consistency enables the material to be tightly packed into the joint and allows for cleaner work and helps to prevent shrinkage cracks as the mortar cures.

L. Walls should be presoaked with water 10 minutes prior to pointing or as weather conditions dictate. Walls should be misted with water for duration of at least 3 minutes at the end of the day after initial installation. Keep newly pointed wall moist for a minimum of 3-days after installation, including weekends and holidays. 3 times per day minimum – morning, noon and night.

M. Rinse stone joint with water to remove dust and mortar particles. Time the rinsing application so that at the time of pointing excess water has evaporated or run off. Joint surfaces should be damp but free from standing water.

N. Mortar may be pre-mixed by approved manufacturer.

O. Joints should be pointed in layers or "lifts" where the joints are deeper than 1-1/4 inch. Apply in layers not greater than 1/2 the depth but not more than 1-1/4 inch or until a uniform depth is formed. Compact each layer thoroughly and allow it to become thumbprint hard before applying the next layer.

P. Lift examples:

1. 3/16" joint depth (1/16" joint existing) point in one lift
2. 5/16" joint depth (1/8" joint existing) point in one lift
3. 5/8" joint depth (1/4" joint existing) point in one lift
4. 5/16" joint depth (3/8" joint existing) point in one lift
5. 1-1/4" joint depth (1/2" joint existing) point in one lift
6. 1-7/8" joint depth (3/4" joint existing) point in one lift
7. 2-1/2" joint depth (1" joint existing) point in one lift

Q. Point all mortar joints to a weather struck/stipple finish profile.

R. When mortar is thumbprint hard the joints shall be finished to match the original historic joint profile.

S. Keep mortar from drying out too quickly. Protection from direct sun and high winds for the first 72 hours after installation. Thoroughly soak the wall a minimum of three times per day for the first 3 days. Protect freshly pointed areas with vapor permeable sheeting such as burlap for the first 24 hours after installation.

T. Install permanent protection from direct sun and high winds. If a scaffold is used, 100% sun screen mesh should be utilized.

U. Thoroughly soak the wall a minimum of three times per day for the first 3 days. Protect freshly pointed areas with damp breathable sheeting (burlap or for the first 24 hours after installation.

V. Allow mortar to harden at least 30 days before beginning cleaning work.

3.13 CONSOLIDATION

A. Install consolidation material as specified in strict accordance with the manufacturer's requirements. Estimates for scope of this treatment are included in the notes. No works is to commence on a sacred stone without first receiving approval for the final scope from the Architect.

3.14 FINISHING TECHNIQUES

A. Acceptable finishing techniques for redressing, substitute stone and crack repair will be defined during the demonstration and test panel work which is part of the training program as approved by the Architect and Owner.

B. Do not create vibrations in the wall to dislodge or separate bond from previously completed work.

3.15 LEAD CAP FLASHING INSTALLATION

A. Install new lead cap flashings in strict accordance with the manufacturer's requirements.

3.16 CLEANING

A. Use care when installing mortar, use appropriate methods and workers who are capable of executing work without excessive mess.

B. After mortar has fully hardened, thoroughly clean exposed masonry surfaces of excess mortar and foreign matter; use wood scrapers, stiff-nylon or fiber brushes, and clean water, spray applied at low pressure.
   1. Do not use metal scrapers or brushes.
   2. Do not use acidic or alkaline cleaners.

C. Wash adjacent non-masonry surfaces, if applicable. Use detergent and soft brushes or cloths.

D. Sweep and rake adjacent pavement and grounds to remove masonry debris. Where necessary, pressure wash surfaces to remove mortar, dust, dirt, and stains.

E. Preliminary Cleaning: Before beginning general cleaning, remove extraneous substances that are resistant to cleaning methods being used. Extraneous substances include paint, caulking, sealant, asphalt, and tar.

F. Remove paint and caulking with a non-damaging/staining paint remover.

G. Repeat application up to two times if needed.

H. Remove asphalt and tar with solvent-type paint remover.

I. Apply only to asphalt and tar by brush without pre-wetting.

J. Allow paint remover to remain on surface for 10 to 30 minutes.

K. Rinse off with water following manufacturer's instructions.

L. Repeat application if needed.

M. Chemical Cleaner Application Methods: **NO CHEMICAL CLEANERS WILL BE PERMITTED FOR USE ON THIS PROJECT EXCEPT THOSE SPECIFICALLY SPECIFIED.** Prior to commencement of any cleaning the contractor shall test the areas as recommended by the manufacturer pending the Architect's review and approval. Final cleaning process must be approved by the Owner and Architect.

N. Removing Plant Growth: Completely remove plant, moss, and shrub growth from masonry surfaces. Carefully remove plants, creepers, and vegetation by cutting at roots and allowing to dry as long as possible before removal. Remove loose soil and debris from open masonry joints to whatever depth they occur.

O. Proceed with cleaning in an orderly manner with material selected from mock up testing; work from top to bottom of each scaffold width and from one end of each elevation to the other.

P. Perform each cleaning method indicated in a manner that results in uniform coverage of all surfaces, including corners, moldings, and interstices, and that produces an even effect without streaking or damaging masonry surfaces. Keep area of wall below area of wall being cleaned wet at all times by rinsing with clean water.

Q. Use only those cleaning methods approved for each foreign material to be removed.
   1. Do not use wire brushes or brushes that are not resistant to the cleaner being used.
   2. Do not use plastic-bristle brushes if natural-fiber brushes will resist cleaner being used.
   3. Use spray equipment that provides controlled application at volume and pressure indicated, measured at spray tip. Adjust pressure and volume to ensure that cleaning methods do not damage masonry.
   4. Equip units with pressure gages.
   5. For water spray application, use fan-shaped spray tip that disperses water at an angle of 25 to 50 degrees.
   6. For high-pressure water spray application, use fan-shaped spray tip that disperses water at an angle of at least 40 degrees. Do not exceed 800 psi. Keep the tip a minimum of 20 inches from masonry.
   7. For heated water spray application, use equipment capable of maintaining temperature between 140 and 160 deg F, 185 to 190 deg F in warm weather, at flow rates indicated.

R. After mortar has fully hardened, thoroughly clean exposed masonry surfaces of excess mortar and foreign matter; use wood scrapers, stiff-nylon or -fiber brushes, and clean water, spray applied at low pressure. Do not use metal scrapers or brushes. Do not use acidic or alkaline cleaners to remove excess mortar.

S. Wash adjacent materials and other non-masonry surfaces. Use detergent and soft brushes or cloths.

T. Clean masonry debris from roof; rinse off roof and flush scuppers.

U. Sweep and rake adjacent pavement and grounds to remove masonry debris. Where necessary, pressure wash surfaces to remove mortar, dust, dirt, and stains.

END OF SECTION

SECTION 06 16 00
SHEATHING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:
   1. Wall sheathing.
   2. Parapet sheathing.

B. Related Sections:
   1. Section 06 15 16 “Wood Roof Decking” for additional decking material at upper roof repair.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of process and factory-fabricated product.

B. Sustainable Design Submittals:
   1. Chain-of-Custody Certificates: For certified wood products. Include statement of costs.
   2. Chain-of-Custody Qualification Data: For manufacturer and vendor.
   3. Product Data: For composite wood products, indicating that product contains no urea formaldehyde.
   4. Laboratory Test Reports: For composite wood products, indicating compliance with requirements for low-emitting materials.
   5. Product Data: For installation adhesives, indicating VOC content.
   6. Laboratory Test Reports: For installation adhesives, indicating compliance with requirements for low-emitting materials.

1.4 INFORMATIONAL SUBMITTALS

A. Evaluation Reports: For the following, from ICC-ES:
   1. Wood-preservative-treated plywood.
   2. Fire-retardant-treated plywood.
   ~~3. Foam-plastic sheathing.~~

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications: A qualified manufacturer that is certified for chain of custody by an FSC-accredited certification body.

B. Vendor Qualifications: A vendor that is certified for chain of custody by an FSC-accredited certification body.

C. Testing Agency Qualifications: For testing agency providing classification marking for fire-retardant-treated material, an inspection agency acceptable to authorities having jurisdiction that periodically performs inspections to verify that the material bearing the classification marking is representative of the material tested.

~~D. Manufacturer Qualifications: A qualified manufacturer that is certified for chain of custody by an FSC-accredited certification body.~~

~~E. Vendor Qualifications: A vendor that is certified for chain of custody by an FSC-accredited certification body.~~

1.6 DELIVERY, STORAGE, AND HANDLING

A. Stack panels flat with spacers beneath and between each bundle to provide air circulation. Protect sheathing from weather by covering with waterproof sheeting, securely anchored. Provide for air circulation around stacks and under coverings.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Fire-Resistance Ratings: As tested according to ASTM E 119; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

1. Fire-Resistance Ratings: Indicated by design designations from UL's "Fire Resistance Directory" or from the listings of another qualified testing agency.

2.2 WOOD PANEL PRODUCTS

A. Certified Wood: The following wood products shall be certified as "FSC Pure" according to FSC STD-01-00 and FSC STD-40-004.

1. Plywood.
~~2. Oriented strand board.~~
~~3. Particleboard underlayment.~~
~~4. Hardboard underlayment.~~

2.3 PRESERVATIVE-TREATED PLYWOOD

A. Preservative Treatment by Pressure Process: AWPA U1; Use Category UC2 for interior construction not in contact with ground, Use Category UC3b for exterior construction not in contact with ground, and Use Category UC4a for items in contact with ground.

B. Mark plywood with appropriate classification marking of an inspection agency acceptable to authorities having jurisdiction.

C. Application: Treat items indicated on Drawings.

2.4 FIRE-RETARDANT-TREATED PLYWOOD

A. General: Where fire-retardant-treated materials are indicated, use materials complying with requirements in this article that are acceptable to authorities having jurisdiction and with fire-test-response characteristics specified as determined by testing identical products per test method indicated by a qualified testing agency.

B. Fire-Retardant-Treated Plywood by Pressure Process: Products with a flame-spread index of 25 or less when tested according to ASTM E 84, and with no evidence of significant progressive combustion when the test is extended an additional 20 minutes, and with the flame front not extending more than 10.5 feet beyond the centerline of the burners at any time during the test.

1. Exterior Type: Treated materials shall comply with requirements specified above for fire-retardant-treated plywood by pressure process after being subjected to accelerated weathering according to ASTM D 2898. Use for exterior locations and where indicated.
2. Interior Type A: Treated materials shall have a moisture content of 28 percent or less when tested according to ASTM D 3201/D 3201M at 92 percent relative humidity. Use where exterior type is not indicated.
3. Design Value Adjustment Factors: Treated lumber plywood shall be tested according to ASTM D 5516 and design value adjustment factors shall be calculated according to ASTM D 6305. Span ratings after treatment shall be not less than span ratings specified.

C. Kiln-dry material after treatment to a maximum moisture content of 15 percent.

D. Identify fire-retardant-treated plywood with appropriate classification marking of qualified testing agency.

E. Application: Treat ~~[all plywood unless otherwise indicated.]~~ [plywood indicated on Drawings.

2.5 WALL SHEATHING (SHTG-1)

A. Plywood Sheathing: DOC PS 1 Exterior, Structural I sheathing.

B. Thickness: 3/4 inch unless noted otherwise.

2.6 PARAPET SHEATHING (SHTG-2)

A. Plywood Sheathing: DOC PS 1, Exterior, Structural I sheathing.

B. Thickness: 3/4 inch unless noted otherwise.

2.7 FASTENERS

A. General: Provide fasteners of size and type indicated that comply with requirements specified in this article for material and manufacture.

1. For ~~[roof] [~~parapet and wall sheathing, provide fasteners with **hot-dip zinc coating complying with ASTM A 153/A 153M or Type 304 stainless steel**.
2. ~~For [roof] [parapet] [and] [wall] sheathing, provide fasteners with organic-polymer or other corrosion-protective coating having a salt-spray resistance of more than 800 hours according to ASTM B 117.~~

2.8 MISCELLANEOUS MATERIALS

A. Adhesives for Field Gluing Panels to Wood Framing: Formulation complying with APA AFG-01 ~~[ASTM D 3498]~~ that is approved for use with type of construction panel indicated by manufacturers of both adhesives and panels.

1. Adhesive shall have a VOC content of 50 ~~[70] <Insert value>~~ g/L or less.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Do not use materials with defects that impair quality of sheathing or pieces that are too small to use with minimum number of joints or optimum joint arrangement. Arrange joints so that pieces do not span between fewer than three support members.

B. Cut panels at penetrations, edges, and other obstructions of work; fit tightly against abutting construction unless otherwise indicated.

C. Securely attach to substrate by fastening as indicated, complying with the following:

1. Table 2304.9.1, "Fastening Schedule," in the ICC's International Building Code.
2. ~~Table R602.3(1), "Fastener Schedule for Structural Members," and Table R602.3(2), "Alternate Attachments," in the ICC's International Residential Code for One- and Two-Family Dwellings.~~
3. ICC-ES evaluation report for fastener.

D. Coordinate [wall] [parapet] [and] [roof] sheathing installation with flashing and joint-sealant installation so these materials are installed in sequence and manner that prevent exterior moisture from passing through completed assembly.

E. Do not bridge building expansion joints; cut and space edges of panels to match spacing of structural support elements.

END OF SECTION

SECTION 08 44 10
FIRE RATED ALUMINUM CURTAIN WALL

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SECTION INCLUDES

A. Fire-rated aluminum curtain wall including frame and glazing.
B. Fire-rated aluminum full vision door system including pre-finished door, frame, glazing, and hardware.

1.3 RELATED SECTIONS

A. Section 08 88 13: Fire-Resistant Glazing.

1.4 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.5 REFERENCES

A. American Society for Testing and Materials (ASTM):
   1. ASTM E119 Standard Test Methods for Fire Tests of Building Construction and Materials.
   2. ASTM E2010 Standard Test Method for Positive Pressure Fire Tests of Window Assemblies.
B. National Fire Protection Association (NFPA):
   1. NFPA 80: Standard for Fire Doors and Fire Windows.
   2. NFPA 251: Standard Methods of Tests of Fire Endurance of Building Construction and Materials.
   3. NFPA 252: Standard Methods of Fire Tests of Door Assemblies.
   4. NFPA 257: Standard on Fire Test for Window and Glass Block Assemblies.
C. Uniform Building Code (UBC):
   1. UBC-7-4: Methods for Fire Tests of Window Assemblies.
   2. UBC-7-2: Methods for Fire Tests of Door Assemblies.
   3. UL 10C: Positive Pressure Fire Tests of Door Assemblies.
D. Underwriters Laboratories, Inc. (UL):
   1. UL 9: Fire Tests of Window Assemblies.
   2. UL 263: Fire Tests of Building Construction and Materials

E. American National Standards Institute (ANSI):
   1. ANSI Z97.1 Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test.
F. Consumer Product Safety Commission (CPSC):
   1. CPSC 16 CFR 1201 Categories I and II: Safety Standard for Glazing Materials.

1.6 SYSTEM DESCRIPTION

A. Performance Requirements – Curtain Wall:
   1. Fire Rating: 120 minutes.
   2. Certification: Windows shall be tested in accordance with ASTM E 2010, NFPA 252, UBC 7-4, UL263.
   3. Testing Laboratory: Fire tests shall have been conducted by an approved independent testing laboratory, similar to Underwriter's Laboratories, Inc.
B. Performance Requirements – Doors:
   1. Fire Rating: 90 minutes.
   2. Certification: Doors and frames shall be tested in accordance with ASTM E 2074, NFPA 252, UBC 7-2, UL 10C.
   3. Testing Laboratory: Fire tests shall have been conducted by an approved independent testing laboratory, similar to Underwriter's Laboratories, Inc.

1.7 SUBMITTALS

A. Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedure Section.
   1. Shop Drawings: Submit shop drawings showing layouts, profiles and product components.
   2. Samples: Submit samples for finishes, colors and textures.
   3. Technical Information: Submit latest edition of manufacturer's product data providing product description, technical data and installation instructions.

1.8 QUALITY ASSURANCE

A. Listings and Labels:
   1. Fire rated framing and glazing shall be under current follow-up services by an approved independent agency and maintain a current listing or certification. Assemblies shall be labeled in accordance with limits of listings.
B. Mockup: Refer to Section 01 43 39 – Mockups for description of construction required to complete a mockup submittal for review.
   1. Rated glass wall GLWS-3 and associated egress door at Level 3, east stair side. Include glass panel above door, glass panel at one side of door, door hardware, and fire stopping sealant all around frame.

1.9 DELIVERY, STORAGE AND HANDLING

A. Ordering: Comply with manufacturer's ordering instructions and lead-time requirements to avoid construction delays.
B. Delivery: Deliver materials to specified destination in manufacturer's packaging undamaged, complete with installation instructions.
C. Storage and Protection: Store off ground, under cover, protected from weather, direct sunlight, construction activities and at temperature conditions recommended by manufacturer, +10°F to +110°F.
D. Handling: Protect materials and finish during handling and installation to prevent damage.

1.10 PROJECT CONDITIONS

A. Field Measurements: Verify actual measurements for openings by field measurements before fabrication. Show recorded measurements on shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays.

PART 2 - PRODUCTS

2.1 FIRE-RATED ALUMINUM FIXED WINDOWS, DOORS AND FRAMES (GLWS-3):

A. Basis of Design: SaftiFirst
   1. GPX Wall with 120 Min fire resistive rating.
   2. GPX door pair with 90 Min fire resistive rating. **Temperature Rise** Builder Series Steel Door Leafs.
   3. Glass: Basis-of-Design Product: Subject to compliance with requirements, provide SAFTI FIRST Fire Rated Glazing Solutions; SuperLite II-XL.
   4. Approved Alternate Supplier: Vetrotech.

2.2 MATERIALS – ALUMINUM FRAMING

A. Frame construction: Integral structure, pressure plate, and cap from extruded aluminum profiles. Filled internally with cement composite material.

B. Dimensions (Basis of design dimensions only: other system dimensions may vary within 1/4 inch of the sightline width/framing face dimension indicated):
   1. Refer to Drawings and Details.
   ~~2. Curtain Wall:~~
      ~~a. Perimeter framing face dimension: 3 inch~~
      ~~b. Depth of vertical framing: 7-5/8 inch~~
      ~~c. Depth of horizontal framing: 7-5/8 inch.~~
   ~~3. Door and Frame:~~
      ~~a. Door framing face dimension: 2-1/2 inches~~
      ~~b. Depth of door framing: 4-1/2 for 90 Min Door~~
      ~~c. Door stile face dimension: 5 inches for 90 Min Door~~
      ~~d. Door cross rail: N/A for 90 Min Door.~~

C. Assembly:
   1. Window frame corners assembled with mechanical fasteners – in factory or in the field.
   2. Door frame corners assembled by means of crimped and bonded miter joints.

D. Sealing: Framing system shall insulate against effects of fire, smoke, and heat transfer from either side. Perimeter of the framing system to the rough opening shall be firmly packed with mineral wool insulation.

E. Wall assemblies shall be glazed with 120 minute rated 1-1/2 inches inch thick SuperLite II-XL fire resistant glazing material as manufactured by Saftifirst

F. Door assemblies shall be glazed with 90 minute rated 1-1/2 inches thick SuperLite II-XL fire resistant glazing material as manufactured by SaftiFirst

G. Individual lites shall be permanently identified with a listing mark.

H. Glazing material installed in “Hazardous Locations” (subject to human impact) shall be certified to meet the applicable requirements for fire rated assemblies referenced in ANSI Z97.1 Standard for Safety Glazing Materials Used In Buildings and/or CPSC 16 CFR 1201 Safety Standard for Architectural Glazing Materials.

I. Visible daylight transmission shall be a minimum of 70% for window glazing and 81 % for door glazing. Glazing material shall be optically clear, colorless and free from unusual distortion.

J. All framing, doors and glazing materials must be fabricated by the manufacture NOT a third party or distributor.

K. All framing, doors and glazing materials must be fabricated in the U.S.A.

2.3 MATERIALS – GLAZING AND ASSEMBLY ACCESSORIES

A. Fasteners: All fasteners, setting pads, and glazing clips, shall be stainless or zinc-plated steel.

B. Glazing Accessories: The glazing material perimeter shall be separated from the perimeter framing system with approved flame retardant intumescent glazing tape. Ceramic setting blocks shall be placed between the metal setting pads and the glazing material. Setting pads and blocks provided by manufacturer.

2.4 FABRICATION

A. Curtainwall frames shall be furnished pre-assembled or K-D. Curtainwall assemblies shall be field glazed.

B. Door frames and door leaves shall be furnished pre-assembled. Door assemblies shall be field glazed.

C. Fabrication Dimensions: Fabricate to approved dimensions. The general contractor shall guarantee dimensions within required tolerance (+ - 1/8”). Obtain approved shop drawings prior to fabrication.

2.5 FINISHES

A. Framing shall be chemically cleaned and pretreated, then shop finished on all exposed areas with:
   1. PPG paint finish “light silver ref: AD3Y1346N to match clear anodized aluminum.

B. Protect finishes on exposed surfaces from damage by applying a strippable, temporary protective covering

before shipping.

C. Slight variations in appearance of abutting or adjacent pieces are acceptable. Noticeable variations in the same piece are not acceptable.

2.6 DOOR HARDWARE

A. Hardware shall be supplied from door manufacturer's standard recommended hardware groups as specified.

HW SET: 74A

2	EA	CONTINUOUS HINGES	OKC	PEM
2	EA	POWER TRANSFER	EPT10	VON
1	EA	MULLION	KR-9954	VON
1	EA	ELEC FIRE EXIT HARDWARE	RX-33A-EO-F	VON
1	EA	ELEC FIRE EXIT HARDWARE	RX-QEL+-33A-NL-OP-F-388	VON
2	EA	TRIM	996L	VON
2	EA	INTERCHANGEABLE CORE	CYLINDER AS REQUIRED	SCH
1	EA	SURFACE CLOSER	4011 / 4111 EDA	LCN
1	EA	SURF. AUTO OPERATOR	BY 08 7100 MINIMUM DOOR WEIGHT 400LBS	
2	EA	ACTUATOR, WALL MOUNT	8310-813 (Touch less) (Touch less)	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B4E CS	IVE
2	EA	WALL STOP	WS406/407CVX	IVE
1	EA	SMOKE SEALS	S44D	PEM
2	EA	DOOR BOTTOM	420APKL	PEM
1	EA	MEETING EDGE SEALS (NEOPRENE)	328 (EACH LEAF)	ZER
1	EA	WIRING DIAGRAMS	RISER & POINT-TO-POINT (BY HARDWARE SUPPLIER)	
1	EA	POWER SUPPLY	PS902 900-4R FA900	SCE

HW SET: 74B

1	EA	CONTINUOUS HINGES	OKC	PEM
1	EA	POWER TRANSFER	EPT10	VON
1	EA	ELEC FIRE EXIT HARDWARE	RX-QEL-33A-NL-OP	VON
1	EA	TRIM	996-L	VON
1	EA	INTERCHANGEABLE CORE	CYLINDER AS REQUIRED	SCH
1	EA	OH STOP	100S	GLY
1	EA	SURFACE CLOSER	4021	LCN
		CREDENTIAL READER	(BY TECHNOLOGY CONTRACTOR)	
1	EA	DOOR CONTACT	7764	SCE
1	EA	POWER SUPPLY	PS902 900-4R	SCE
1	EA	WIRING DIAGRAMS	RISER & POINT-TO-POINT (BY HARDWARE SUPPLIER).	

FUNCTION: Latchbolt retracted inside by exit device push pad and outside by key in cylinder. Door locks when key is removed and door is closed. A valid credential will unlock the door.

HW SET: 74C

1	EA	CONTINUOUS HINGES	OKC	PEM
1	EA	POWER TRANSFER	EPT10	VON
1	EA	ELEC FIRE EXIT HARDWARE	RX-QEL-33A-NL-OP	VON
1	EA	TRIM	996-L	VON
1	EA	INTERCHANGEABLE CORE	CYLINDER AS REQUIRED	SCH
1	EA	OH STOP	100S	GLY
1	EA	SURF. AUTO OPERATOR	BY 08 7100 MINIMUM DOOR WEIGHT 400LBS	
2	EA	ACTUATOR, WALL MOUNT	8310-813 (Touch less)	LCN
		CREDENTIAL READER	(BY TECHNOLOGY CONTRACTOR)	
1	EA	DOOR CONTACT	7764	SCE
1	EA	POWER SUPPLY	PS902 900-4R	SCE
1	EA	JUNCTION BOX	JB7 R2	VON
1	EA	WIRING DIAGRAMS	RISER & POINT-TO-POINT (BY HARDWARE SUPPLIER)	

FUNCTION: Latchbolt retracted inside by exit device push pad and outside by key in cylinder. Door locks when key is removed and door is closed. This door has a power operator. Interior actuator always active to unlock and open the door. A valid credential will unlock the door and make the exterior actuator active.

HW SET: DOOR 300A/B (PAIR) 74D

2	EA	CONTINUOUS HINGES	OKC	PEM
2	EA	POWER TRANSFER	EPT10	VON
1	EA	MULLION	KR-9954	VON
2	EA	ELEC FIRE EXIT HARDWARE	Von Duprin EL 98/99 US26D	VON
2	EA	TRIM	996-L	VON
2	EA	INTERCHANGEABLE CORE	CYLINDER AS REQUIRED	SCH
2	EA	OH STOP	100S	GLY
2	EA	SURF. AUTO OPERATOR	BY 08 7100 MINIMUM DOOR WEIGHT 400LBS	
4	EA	ACTUATOR, WALL MOUNT	8310-813 (Touch less)	LCN
		CREDENTIAL READER	(BY TECHNOLOGY CONTRACTOR)	
1	EA	DOOR CONTACT	7764	SCE
1	EA	POWER SUPPLY	PS902 900-4R	SCE
1	EA	JUNCTION BOX	JB7 R2	VON
1	EA	WIRING DIAGRAMS	RISER & POINT-TO-POINT (BY HARDWARE SUPPLIER)	

FUNCTION: Latchbolt retracted inside by exit device push pad and outside by key in cylinder. Door locks when key is removed and door is closed. This door has a power operator. Interior actuator always active to unlock and open the door. A valid credential will unlock the door and make the exterior actuator active.

HW SET: 74E

2	EA	CONTINUOUS HINGES	OKC	PEM
2	EA	POWER TRANSFER	EPT10	VON
1	EA	MULLION	KR-9954	VON
2	EA	ELEC FIRE EXIT HARDWARE	RX-CD-33A-EO-299	VON
2	EA	TRIM	996L	VON
3	EA	INTERCHANGEABLE CORE	CYLINDER AS REQUIRED	SCH
2	EA	OH STOP	100S	GLY
2	EA	SURFACE CLOSER	4021	LCN
1	EA	MULLION SEAL	8780	ZER
		CREDENTIAL READER	(BY TECHNOLOGY CONTRACTOR)	
2	EA	DOOR CONTACT	7764	SCE
1	EA	POWER SUPPLY	PS902 900-4R	SCE
1	EA	WIRING DIAGRAMS	RISER & POINT-TO-POINT (BY HARDWARE SUPPLIER)	

FUNCTION: (NL) Latchbolt retracted inside by exit device push pad and outside by key in cylinder. Door locks when key is removed and door is closed. Access from exterior when exit device push pad is dogged down. A valid credential retracts latch bolt and push pad on active door.

HW SET: 74F

2	EA	CONTINUOUS HINGES	OKC	PEM
2	EA	POWER TRANSFER	EPT10	VON
1	EA	MULLION	KR-9954	VON
2	EA	ELEC FIRE EXIT HARDWARE	RX-CD-33A-EO-299	VON
2	EA	ELEC FIRE EXIT HARDWARE	RX-QEL-33A-NL-OP	VON
2	EA	TRIM	996L	VON
3	EA	INTERCHANGEABLE CORE	CYLINDER AS REQUIRED	SCH
2	EA	OH STOP	100S	GLY
1	EA	SURF. AUTO OPERATOR	BY 08 7100 MINIMUM DOOR WEIGHT 400LBS	
2	EA	ACTUATOR, WALL MOUNT	8310-813 (Touch less)	LCN
		CREDENTIAL READER	(BY TECHNOLOGY CONTRACTOR)	
2	EA	DOOR CONTACT	7764	SCE
1	EA	POWER SUPPLY	PS902 900-4R	SCE
1	EA	WIRING DIAGRAMS	RISER & POINT-TO-POINT (BY HARDWARE SUPPLIER)	

FUNCTION: (NL) Latchbolt retracted inside by exit device push pad and outside by key in cylinder. Door locks when key is removed and door is closed. Access from exterior when exit device push pad is dogged down. This door has a power operator. Interior actuator always active to unlock and open the door. A valid credential will unlock the active door and make the exterior actuator active. Loss of power or activation of fire alarm will disable power operator and insure fire door remains latched.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine area to receive curtainwall. Openings shall be plumb, square and within allowable tolerances. Notify Architect of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

3.2 INSTALLATION

A. Curtainwall installation shall be by a specialty contractor with appropriate experience qualifications; and in strict accordance with the approved shop drawings.

3.3 CLEANING

A. Cleaning: Remove temporary coverings and protection of adjacent work areas. Glass and frame should be cleaned using soft clean cloth, chamois leathers, sponges or soft paper. Use clean warm water with a mild detergent. Do not use detergent that contains either alkaline, acids or fluoride! Abrasive cleaning methods can damage surfaces! Clean prior to owner's acceptance. Remove construction debris from project site and legally dispose of debris.

END OF SECTION

SECTION 12 24 13
ROLLER WINDOW SHADES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes manually operated roller shades.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.
   1. Include styles, material descriptions, construction details, dimensions of individual components and profiles, features, finishes, and operating instructions for roller shades.

B. Shop Drawings: Show fabrication and installation details for roller shades, including shadeband materials, their orientation to rollers, and their seam and batten locations.

C. Samples: For each exposed product and for each color and texture specified.

D. Roller-Shade Schedule: Use same designations indicated on Drawings.

1.4 INFORMATIONAL SUBMITTALS

A. Product certificates.

B. Product test reports.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance data.

1.6 QUALITY ASSURANCE

A. Installer Qualifications: Fabricator of products.

B. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.
   1. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
   2. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   1. Basis of Design: Springs Window Fashions as marketed as MechoShade Systems, Inc.
   2. Draper, Inc.
   3. Lutron Electronics Co., Inc.
   4. Nysan Solar Control Inc.; a Hunter Douglas company.

2.2 ROLLER SHADES

A. Chain-and-Clutch Operating Mechanisms: With continuous-loop bead chain and clutch that stops shade movement when bead chain is released; permanently adjusted and lubricated.
   1. Bead Chains: Nickel-plated metal.
      a. Loop Length: Full length of roller shade.
      b. Limit Stops: Provide upper and lower ball stops.
      c. Chain-Retainer Type: Clip, jamb mount.
   2. Spring Lift-Assist Mechanisms: Manufacturer's standard for balancing roller-shade weight and lifting heavy roller shades.
      a. Provide for shadebands that weigh more than 10 lb or for shades as recommended by manufacturer, whichever criteria are more stringent.

2.3 ROLLER SHADES [SHADE-1]

A. Manual Operating Mechanisms: Manufacturer's complete system and accessories suitable for conditions indicated, recommended by manufacturer for use with shade indicated, and as required for reliable operation without malfunction.

B. Rollers: Corrosion-resistant steel or extruded-aluminum tubes of diameters and wall thicknesses required to accommodate operating mechanisms and weights and widths of shadebands indicated without deflection. Provide with permanently lubricated drive-end assemblies and idle-end assemblies designed to facilitate removal of shadebands for service.
   1. Roller Drive-End Location: Right side of inside face of shade.
   2. Direction of Shadeband Roll: Regular, from back of roller.
   3. Shadeband-to-Roller Attachment: Manufacturer's standard method.

C. Shadeband Retention System: Manufacturer's standard system for guiding shadeband through range of travel and holding shadeband taut with edges of shadeband supported by side channels or angles.

D. Mounting Hardware: Corrosion resistant and compatible with operating mechanism, installation accessories, and mounting location and conditions indicated.

E. Shadebands:
   1. Shadeband Material: Light-filtering fabric.
   2. Shadeband Bottom (Hem) Bar: Manufacturer's standard for operating mechanism indicated.
      a. Color and Finish of Exposed Bottom Bar: As selected by Architect from manufacturer's full range.

F. Installation Accessories:
   1. Exposed Headboxes and Bottom Boxes: Rectangular, extruded-aluminum enclosure including front fasciae, top and back covers, endcaps, and removable closures.
      a. Height: Manufacturer's standard height required to enclose roller and shadeband when shade is fully open, but not less than height indicated on Drawings.
   2. Channels or Angles: Manufacturer's standard design for operating mechanism indicated and shadeband take-up and support.
   3. Installation Accessories Color and Finish: As selected from manufacturer's full range.

2.4 SHADEBAND MATERIALS

A. Shadeband Material Flame-Resistance Rating: Comply with NFPA 701. Testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

B. Light-Filtering Fabric: Woven fabric, stain and fade resistant.

1. Source: Roller-shade manufacturer.
2. Type: 75% PVC (coating), 25% polyester (yarn).
3. Weave: Basketweave.
4. Roll Width: As required – no seams.
5. Orientation on Shadeband: Up the bolt.
6. Openness Factor: 3 percent.
7. Color (SHADE-1): 1513 - Grey.

2.5 ROLLER-SHADE FABRICATION

A. Product Safety Standard: Fabricate roller shades to comply with WCMA A 100.1, including requirements for flexible, chain-loop devices; lead content of components; and warning labels.

B. Unit Sizes: Fabricate units in sizes to fill window and other openings as follows, measured at 74 deg F:

1. Between (Inside) Jamb Installation: Width equal to jamb-to-jamb dimension of opening in which shade is installed less 1/4 inch per side or 1/2-inch total, plus or minus 1/8 inch. Length equal to head-to-sill or -floor dimension of opening in which shade is installed less 1/4 inch, plus or minus 1/8 inch.
2. Outside of Jamb Installation: Width and length as indicated, with terminations between shades of end-to-end installations at centerlines of mullion or other defined vertical separations between openings.
3. Railroaded Materials: Railroad material where material roll width is less than the required width of shadeband and where indicated. Provide battens and seams as required by railroaded material to produce shadebands with full roll-width panel(s) plus, if required, one partial roll-width panel located at top of shadeband.

PART 3 - EXECUTION

3.1 ROLLER-SHADE INSTALLATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, operational clearances, and other conditions affecting performance of the Work.

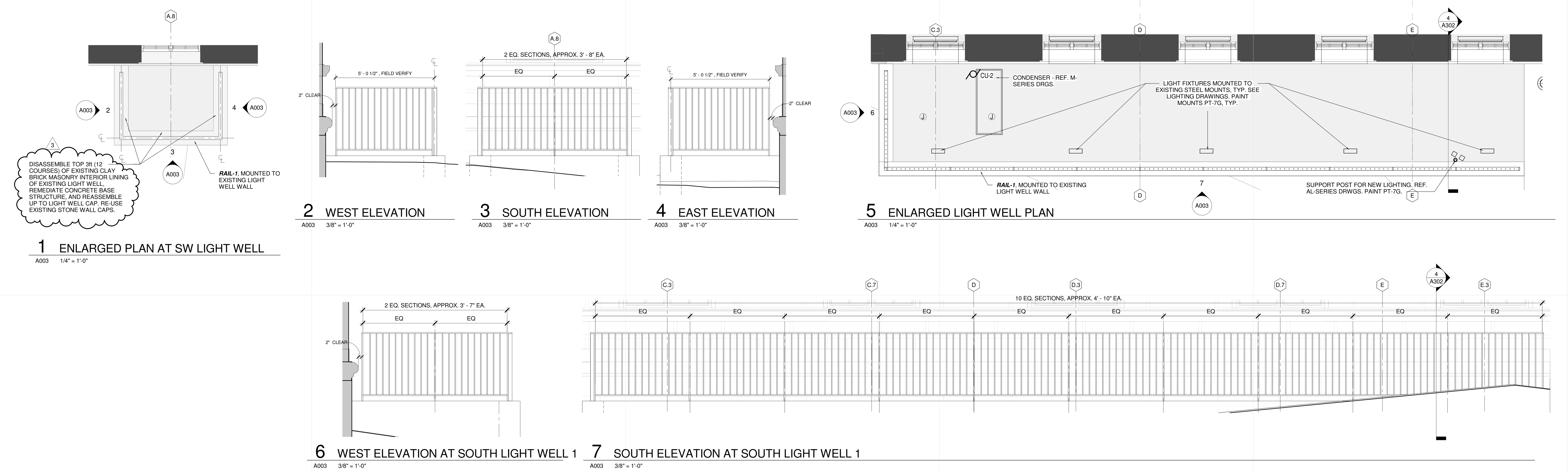
B. Proceed with installation only after unsatisfactory conditions have been corrected.

C. Install roller shades level, plumb, and aligned with adjacent units, according to manufacturer's written instructions.

D. Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.

E. Clean roller-shade surfaces after installation, according to manufacturer's written instructions.

END OF SECTION



1 ENLARGED PLAN AT SW LIGHT WELL
A003 1/4" = 1'-0"

2 WEST ELEVATION
A003 3/8" = 1'-0"

3 SOUTH ELEVATION
A003 3/8" = 1'-0"

4 EAST ELEVATION
A003 3/8" = 1'-0"

5 ENLARGED LIGHT WELL PLAN
A003 1/4" = 1'-0"

6 WEST ELEVATION AT SOUTH LIGHT WELL 1
A003 3/8" = 1'-0"

7 SOUTH ELEVATION AT SOUTH LIGHT WELL 1
A003 3/8" = 1'-0"

GENERAL NOTES

1. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS AND SCOPE OF WORK.

2. CONTRACTOR TO VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS AND EXISTING OPENING SIZES. DISCREPANCIES BETWEEN EXISTING AND NEW CONDITIONS (SETTING OUT OF WALLS, ETC.) SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT.

3. EXISTING, HISTORIC WINDOWS TO REMAIN TO BE REHABILITATED BY OTHERS SHALL BE PROTECTED DURING CONSTRUCTION.

4. ALL PARTITION SETTING OUT DIMENSIONS ARE TO CENTERLINE OF PARTITION, U.N.O.

5. DIMENSIONS TO FACE OF WALL ARE TIED TO CENTERLINE OF STRUCTURAL GRID, U.N.O.

6. REFER TO G-SERIES CODE PLAN DRAWINGS FOR FIRE RATED WALL LOCATIONS. ROOMS WITH RATED WALLS REQUIRE RATED DOORS AND ANY DUCTS PASSING THROUGH REQUIRE FIRE RATED WALLS OR FLOORS REQUIRE UL RATED FIRE DAMPERS WITH CODE REQUIRED RATING. ANY CONDUIT AND/OR PIPING PENETRATIONS THROUGH FIRE WALLS OR FLOORS REQUIRE UL RATED FIRE RATED SEALANT TO COMPLETELY SEAL ANNULAR SPACE AROUND PENETRATIONS.

7. DOORS WITH DOOR NUMBER PREFIX "E" ARE HISTORIC, IN VERY GOOD CONDITION, AND ARE TO REMAIN IN PLACE OR BE RELOCATED. RECONDITION EXISTING DOORS AND FRAMES - SEE FLOOR PLANS AND SCHEDULE FOR SPECIFIC DETAILS ON RELOCATION, WHERE APPLICABLE, AND SPECIFICATION 082110 FOR HISTORIC DOOR REHABILITATION.

8. SEE STRUCTURAL DRAWINGS FOR LAYOUT AND DIMENSIONING OF STRUCTURAL GRIDS AND ELEMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT.

9. INSTALL SEALANT AT EXTERIOR SIDE OF ALL JOINTS, SEAMS, CONNECTIONS OR OPENINGS WHICH COULD ALLOW WATER OR AIR INFILTRATION / EXFILTRATION, EXCEPT AS NOTED OTHERWISE. SEALANT COLOR TO MATCH ADJACENT, VISIBLE MATERIAL COLOR AND REQUIRES OWNER AND ARCHITECT APPROVAL.

10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING A WEATHER TIGHT BUILDING. DETAILS AND OMISSIONS ON DRAWINGS, NOTWITHSTANDING ALL DRAWING CONFLICTS OR APPARENT CONFLICTS, WHICH MAY NOT ALLOW A WEATHER TIGHT CONDITION, SHALL BE BROUGHT TO THE ATTENTION OF OWNER AND ARCHITECT PRIOR TO COMMENCING WORK IN THAT AREA.

11. FOR MORE INFORMATION ON HISTORIC DETAIL REFERENCES, REFER TO CITY OF MADISON SHAREPOINT WEBSITE FOR ACCESS TO ORIGINAL SHOP DRAWINGS OF HISTORIC STONE, WINDOW AND CAST IRON PROFILES.

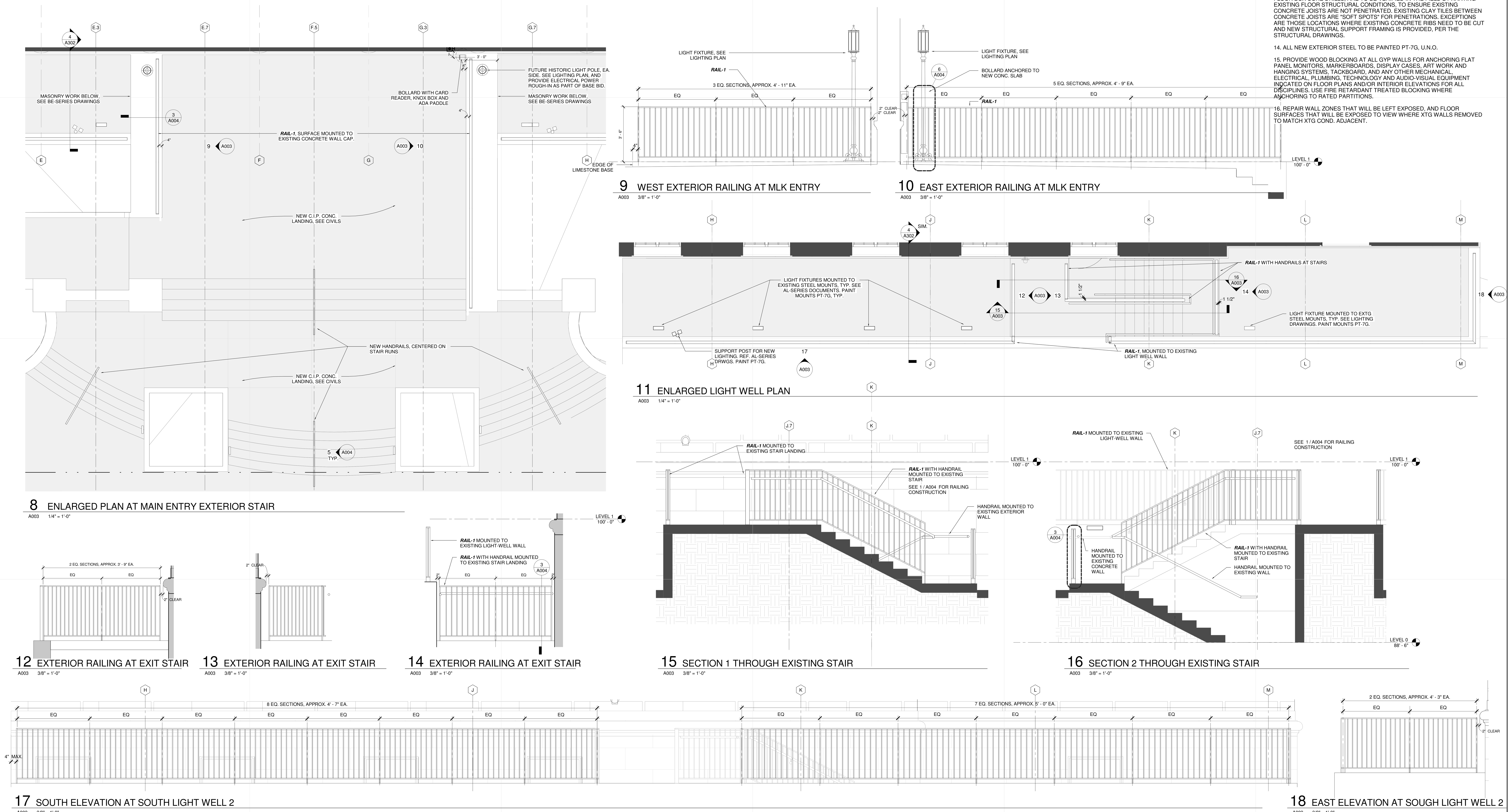
12. REFER TO SPECIFICATIONS FOR ALL MATERIAL CODES / CALLOUTS AND FOR MORE DETAILED SPECIFICATION REQUIREMENTS RELATED TO ALL COMPONENTS AND FINISHES.

13. THE LOCATION OF ALL FLOOR PENETRATIONS, INCLUDING LOCATIONS OF FLOOR BOX CORE DRILLS, ARE TO BE VERIFIED IN THE FIELD BY XRAYING EXISTING FLOOR STRUCTURAL CONDITIONS, TO ENSURE EXISTING CONCRETE JOISTS ARE NOT PENETRATED. EXISTING CLAY TILES BETWEEN CONCRETE JOISTS ARE "SOFT SPOTS" FOR PENETRATIONS. EXCEPTIONS ARE THOSE LOCATIONS WHERE EXISTING CONCRETE RIBS NEED TO BE CUT AND NEW STRUCTURAL SUPPORT FRAMING IS PROVIDED, PER THE STRUCTURAL DRAWINGS.

14. ALL NEW EXTERIOR STEEL TO BE PAINTED PT-7G, U.N.O.

15. PROVIDE WOOD BLOCKING AT ALL GYP WALLS FOR ANCHORING FLAT PANEL MONITORS, MARKERBOARDS, DISPLAY CASES, ART WORK AND HANGING SYSTEMS, TACKBOARD, AND ANY OTHER MECHANICAL, ELECTRICAL, PLUMBING, TECHNOLOGY AND AUDIO-VISUAL EQUIPMENT INDCATED ON FLOOR PLANS AND/OR INTERIOR ELEVATIONS FOR ALL DISCIPLINES. USE FIRE RETARDANT TREATED BLOCKING WHERE ANCHORING TO RATED PARTITIONS.

16. REPAIR WALL ZONES THAT WILL BE LEFT EXPOSED, AND FLOOR SURFACES THAT WILL BE EXPOSED TO VIEW WHERE XTG WALLS REMOVED TO MATCH XTG COND. ADJACENT.



8 ENLARGED PLAN AT MAIN ENTRY EXTERIOR STAIR
A003 1/4" = 1'-0"

9 WEST EXTERIOR RAILING AT MLK ENTRY
A003 3/8" = 1'-0"

10 EAST EXTERIOR RAILING AT MLK ENTRY
A003 3/8" = 1'-0"

11 ENLARGED LIGHT WELL PLAN
A003 1/4" = 1'-0"

12 EXTERIOR RAILING AT EXIT STAIR
A003 3/8" = 1'-0"

13 EXTERIOR RAILING AT EXIT STAIR
A003 3/8" = 1'-0"

14 EXTERIOR RAILING AT EXIT STAIR
A003 3/8" = 1'-0"

15 SECTION 1 THROUGH EXISTING STAIR
A003 3/8" = 1'-0"

16 SECTION 2 THROUGH EXISTING STAIR
A003 3/8" = 1'-0"

17 SOUTH ELEVATION AT SOUTH LIGHT WELL 2
A003 3/8" = 1'-0"

18 EAST ELEVATION AT SOUGH LIGHT WELL 2
A003 3/8" = 1'-0"

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Civil Engineers
VIERBICHER
999 Fourier Drive, Suite 201
Madison
WI 53717

Madison Municipal Building Renovation

BPW Project #7939
215 Martin Luther King, Jr. Blvd
Madison, WI 53703

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin.
ARCHITECT SEAL

WISCONSIN
DANIEL JACK POLING
A-8984
MINNEAPOLIS, MN
ARCHITECT

Signature:
Print Names: Jack Poling
Date: 10.07.2016 License No: A-8984

ISSUE

MARK	DATE	DESCRIPTION
1	03.24.2017	BID ISSUE
3	04.14.2017	ADDENDUM 3

PROJECT NO. 2014057

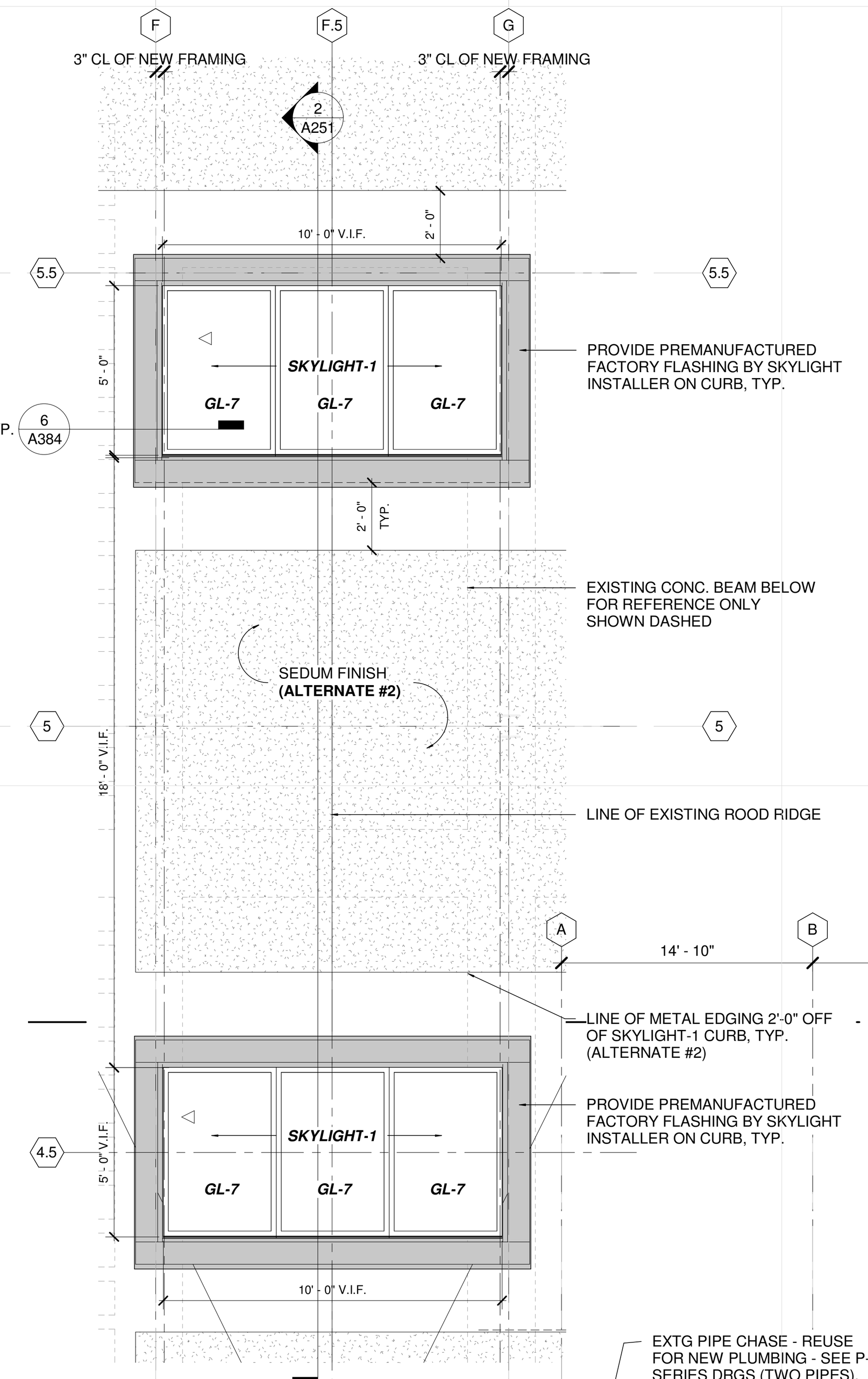
PROJECT PHASE BID ISSUE

DRAWN BY: ES CHECKED BY: Checker

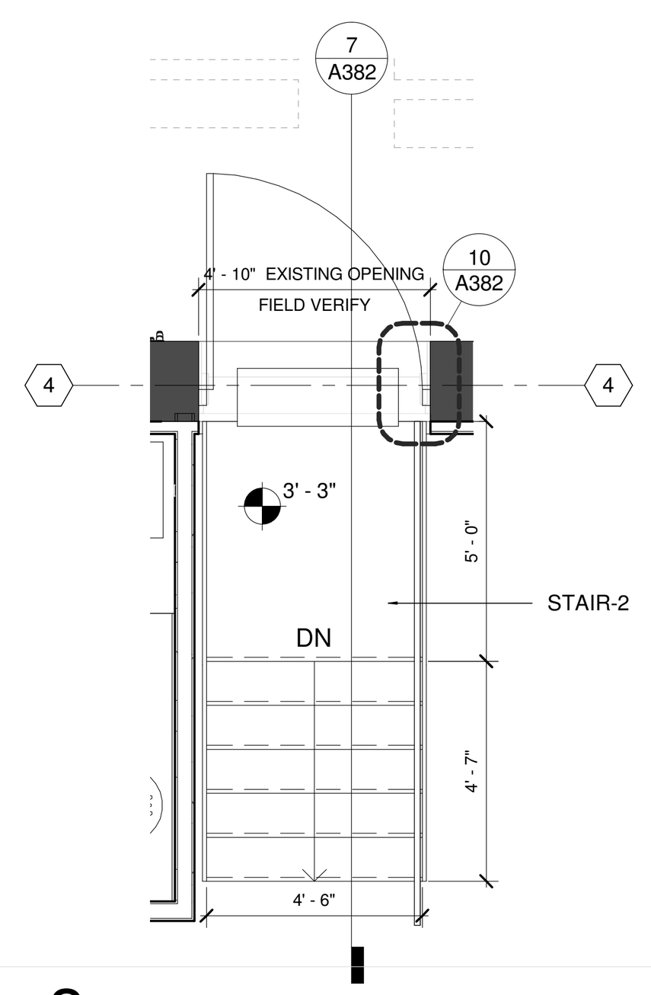
SITE FEATURES

EXHIBIT E

A003



2 ENLARGED PLAN OF SKYLIGHT
A102 1/4" = 1'-0"



3 LEVEL 2 FLOOR PLAN - STAIR B
A102 1/4" = 1'-0"

ROOF PLAN NOTES

1. TARGET ELEVATIONS SHOWN ARE THAT OF THE NEW ROOF MEMBRANE

2. SEE EXTERIOR REHABILITATION (BE-SERIES) DOCUMENTS (REFERENCED ON ROOF PLAN) FOR DETAILS OF ROOF MEMBRANE TERMINATION AT ROOF EDGES AND/OR PARAPETS

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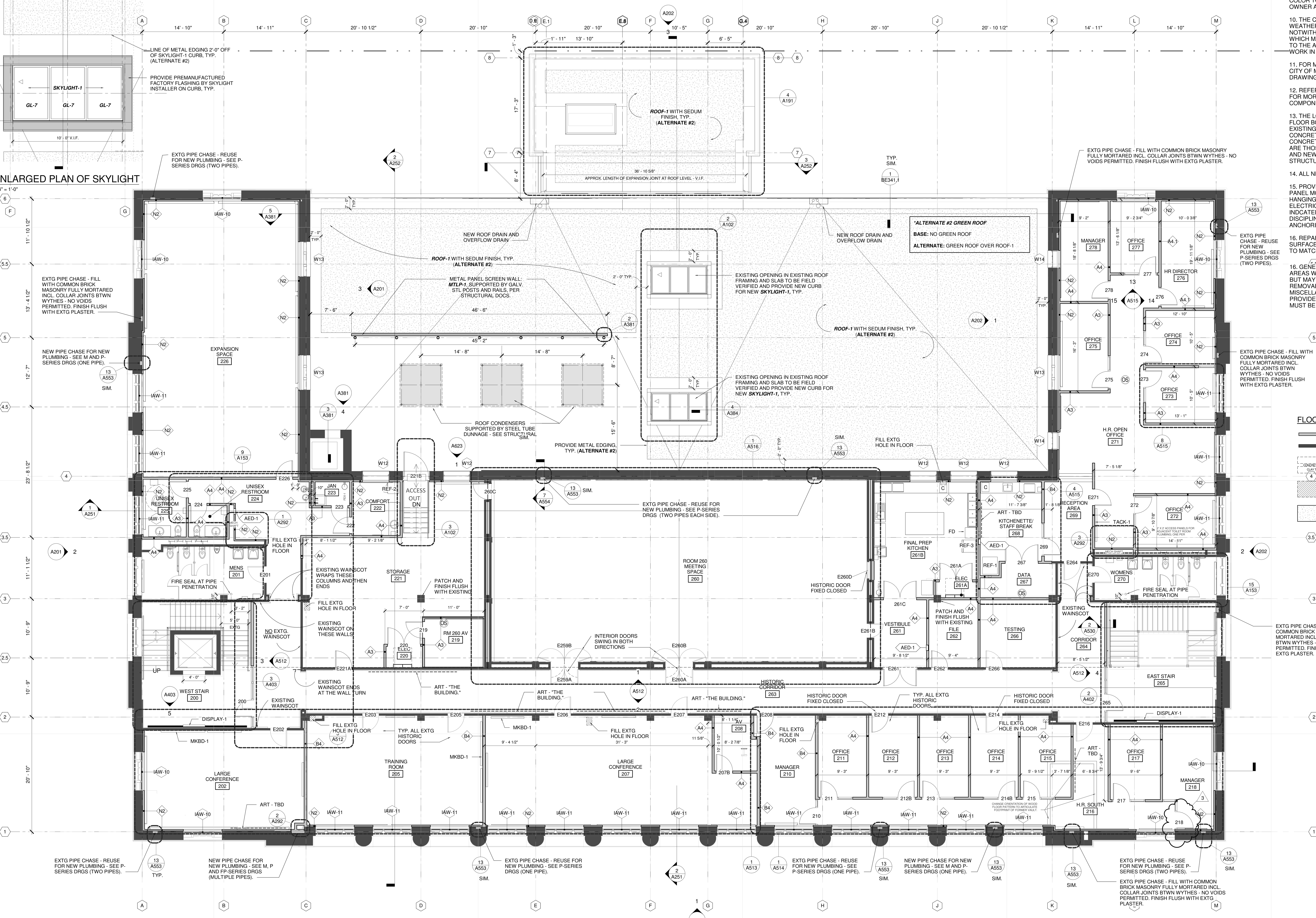
14. ALL NEW EXTERIOR STEEL TO BE PAINTED PT-7G, U.N.O.

15. PROVIDE WOOD BLOCKING AT ALL GYP WALLS FOR ANCHORING FLAT PANEL MONITORS, MARKERBOARDS, DISPLAY CASES, ART WORK AND HANGING SYSTEMS, TACKBOARD, AND ANY OTHER MECHANICAL, ELECTRICAL, PLUMBING, TECHNOLOGY AND AUDIO-VISUAL EQUIPMENT INDCATED ON FLOOR PLANS AND/OR INTERIOR ELEVATIONS FOR ALL DISCIPLINES. USE FIRE RETARDANT TREATED BLOCKING WHERE ANCHORING TO RATED PARTITIONS.

16. REPAIR WALL ZONES THAT WILL BE LEFT EXPOSED, AND FLOOR SURFACES THAT WILL BE EXPOSED TO VIEW WHERE XTG WALLS REMOVED TO MATCH XTG COND. ADJACENT.

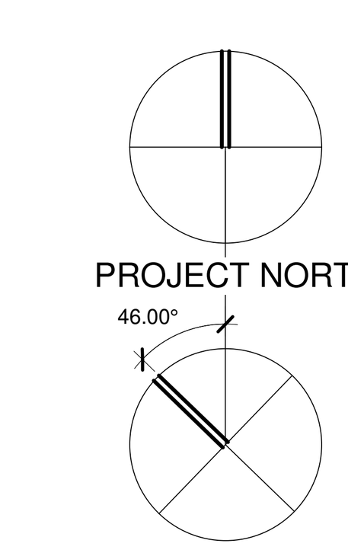
16. GENERAL CLEANUP WILL BE REQUIRED AT NEWLY EXPOSED WALL AREAS WHERE WOOD ROOF DECK HAS BEEN REMOVED. THIS WILL INCLUDE BUT MAY NOT BE LIMITED TO THE REPAIR OF FASTENER/ANCHORMENT REMOVAL AREAS, ASPHALT, TAR, SEALANTS MATIC, ADHESIVE AND MISCELLANEOUS STAINING. IT IS NOT THE INTENT OF THIS PROJECT TO PROVIDE A NEW-LOOKING WALL, HOWEVER, THE NEWLY EXPOSED WALL MUST BE CLEAN, WATERTIGHT AND IN GOOD REPAIR.



1 LEVEL TWO
A102 1/8" = 1'-0"

FLOOR, WALL AND PARTITION KEY

- NEW WALLS AND PARTITIONS
- EXISTING WALLS AND PARTITIONS
- EXISTING FLOOR STRUCTURE BELOW FINISH
- FILL HOLE IN EXISTING FLOOR STRUCTURE - SEE 1926 P-SERIES AND 2016 S-SERIES DWGS.
- ZONE OF NEW SLAB ON GRADE, PER STRUCTURAL DETAILS (APPLIES TO GROUND LEVEL ONLY)



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Madison Municipal Building Renovation

BPW Project #7939
215 Martin Luther King, Jr. Blvd
Madison, WI 53703

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin.
ARCHITECT SEAL

WISCONSIN
DANIEL JACK POLING
A-8984
MINNEAPOLIS, MN
ARCHITECT

Signature: [signature]
Print Names: Jack Poling
Date: 10.07.2016 License No: A-8984

ISSUE

MARK	DATE	DESCRIPTION
1	03.24.2017	BID ISSUE
3	04.14.2017	ADDENDUM 3

PROJECT NO. 2014057

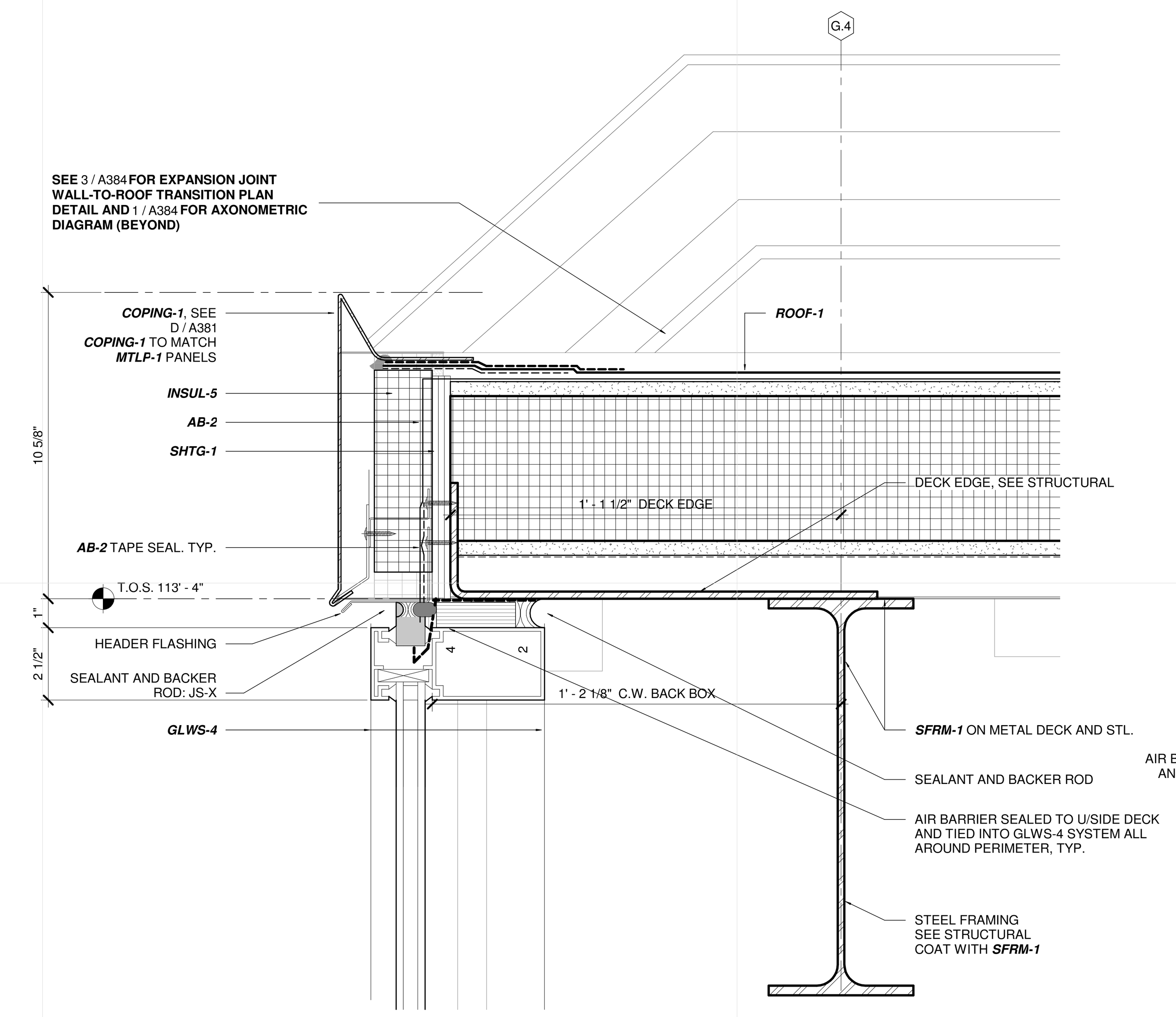
PROJECT PHASE BID ISSUE

DRAWN BY: ES/SK/SF CHECKED BY: SB

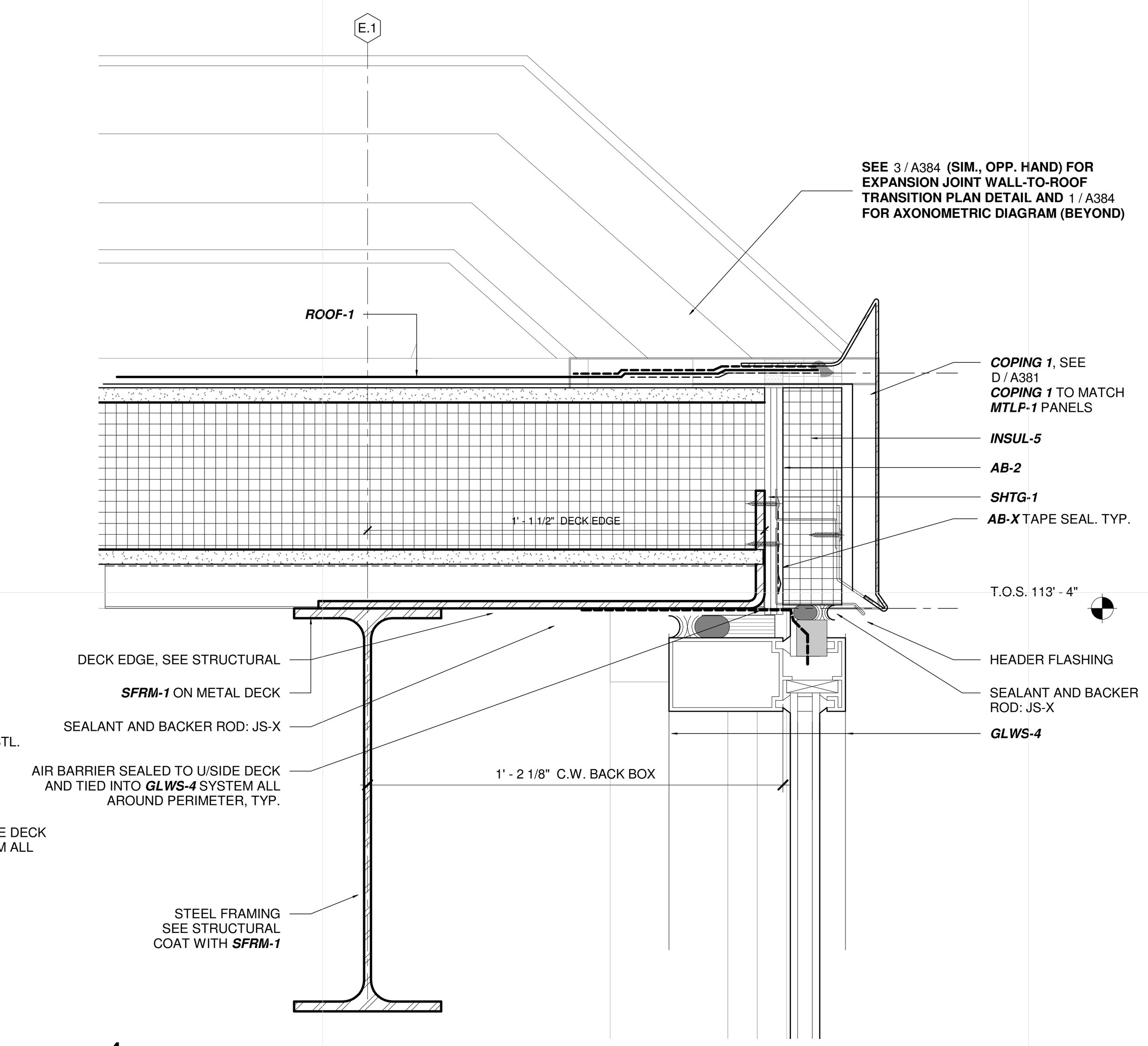
LEVEL TWO PLAN

EXHIBIT E

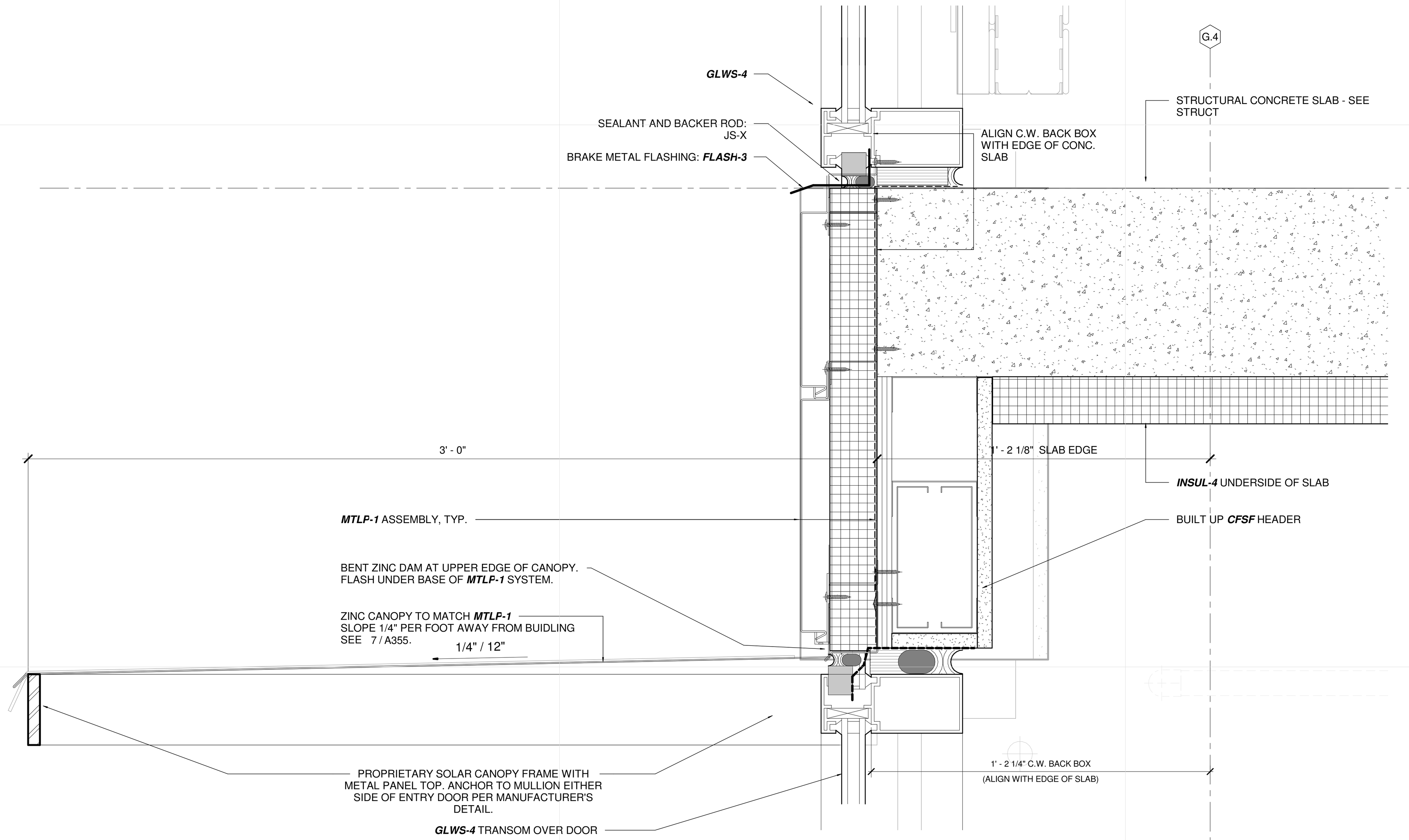
A102



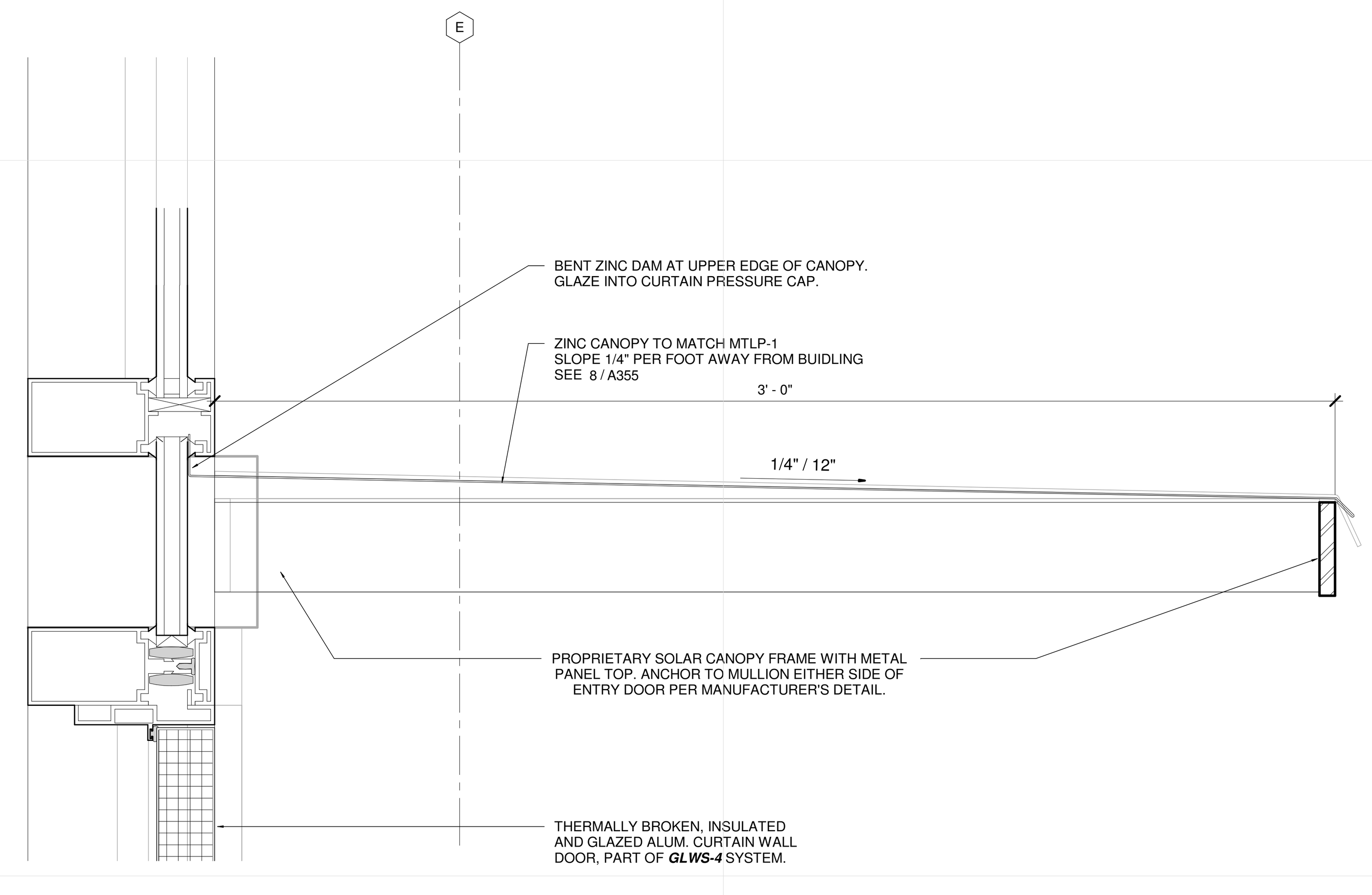
1 ADDITION PARAPET ABOVE CURTAINWALL
A354 3" = 1'-0"



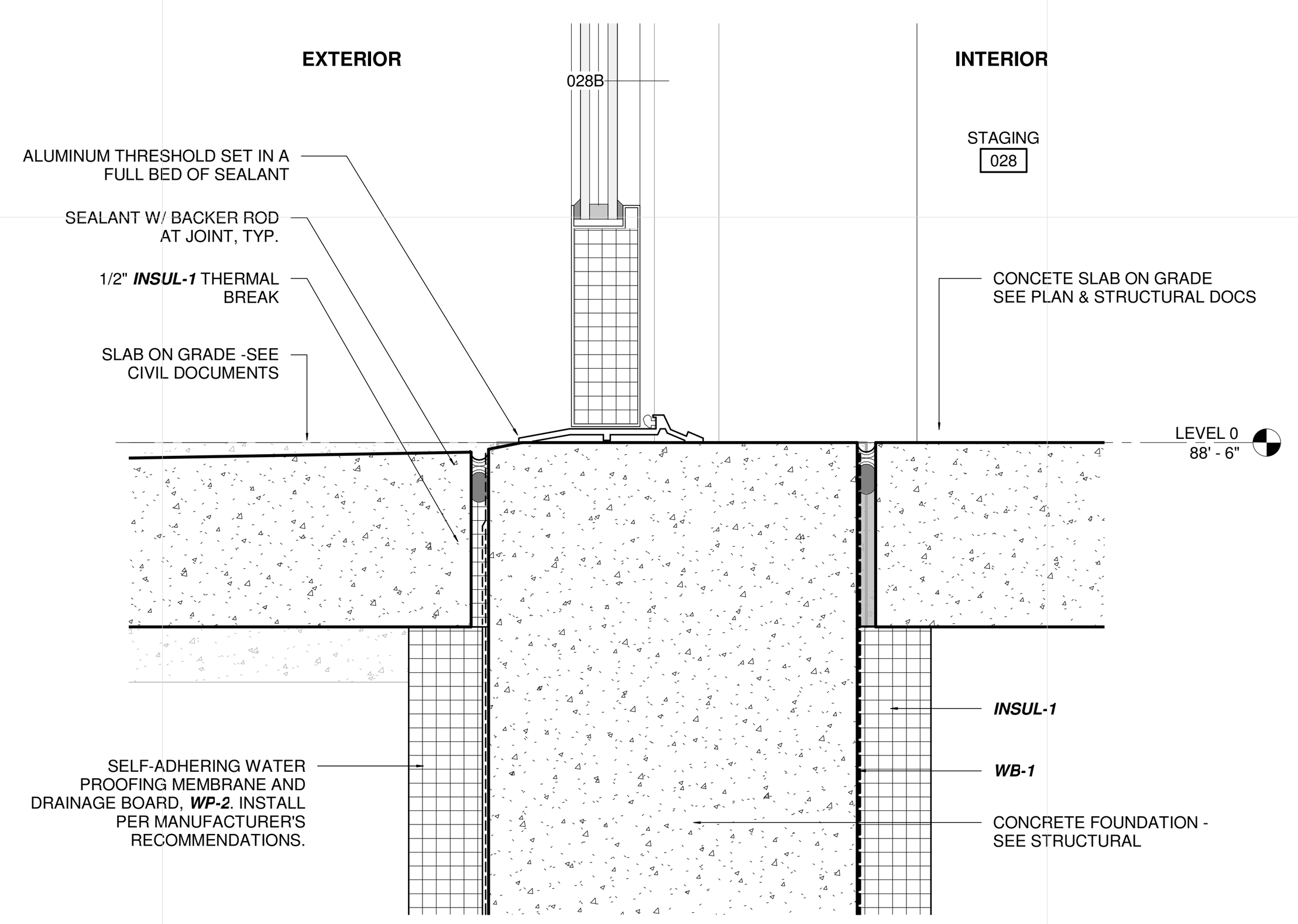
4 ADDITION PARAPET ABOVE CURAINWALL AT CANOPY
A354 3" = 1'-0"



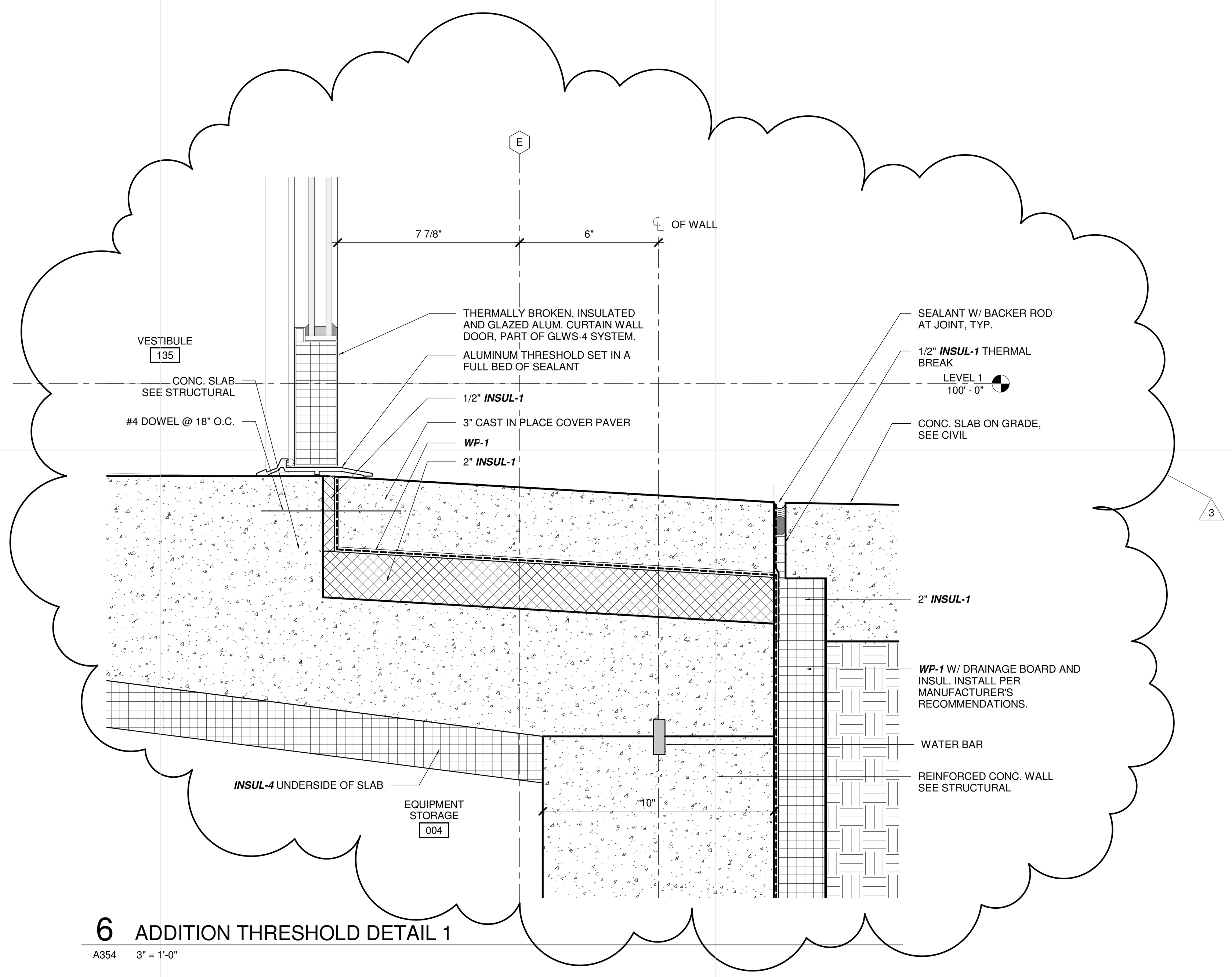
2 ADDITION SLAB EDGE AT CURTAINWALL
A354 3" = 1'-0"



5 ADDITION DOOR HEAD DETAIL
A354 3" = 1'-0"



3 ADDITION DOOR THRESHOLD DETAIL
A354 3" = 1'-0"



6 ADDITION THRESHOLD DETAIL 1
A354 3" = 1'-0"

GENERAL NOTES

1. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS AND SCOPE OF WORK.

2. CONTRACTOR TO VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS AND EXISTING OPENING SIZES. DISCREPANCIES BETWEEN EXISTING AND NEW CONDITIONS (SETTING OUT OF WALLS, ETC.) SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT.

3. EXISTING, HISTORIC WINDOWS TO REMAIN TO BE REHABILITATED BY OTHERS SHALL BE PROTECTED DURING CONSTRUCTION.

4. ALL PARTITION SETTING OUT DIMENSIONS ARE TO CENTERLINE OF PARTITION, U.N.O.

5. DIMENSIONS TO FACE OF WALL ARE TIED TO CENTERLINE OF STRUCTURAL GRID, U.N.O.

6. REFER TO G-SERIES CODE PLAN DRAWINGS FOR FIRE RATED WALL LOCATIONS. ROOMS WITH RATED WALLS REQUIRE RATED DOORS AND ANY DUCTS PASSING THROUGH REQUIRE FIRE RATED WALLS OR FLOORS REQUIRE UL RATED FIRE DAMPERS WITH CODE REQUIRED RATING. ANY CONDUIT AND/OR PIPING PENETRATIONS THROUGH FIRE WALLS OR FLOORS REQUIRE UL RATED FIRE RATED SEALANT TO COMPLETELY SEAL ANNULAR SPACE AROUND PENETRATIONS.

7. DOORS WITH DOOR NUMBER PREFIX "E" ARE HISTORIC, IN VERY GOOD CONDITION, AND ARE TO REMAIN IN PLACE OR BE RELOCATED. RECONDITION EXISTING DOORS AND FRAMES - SEE FLOOR PLANS AND SCHEDULE FOR SPECIFIC DETAILS ON RELOCATION, WHERE APPLICABLE, AND SPECIFICATION 082110 FOR HISTORIC DOOR REHABILITATION.

8. SEE STRUCTURAL DRAWINGS FOR LAYOUT AND DIMENSIONING OF STRUCTURAL GRIDS AND ELEMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT.

9. INSTALL SEALANT AT EXTERIOR SIDE OF ALL JOINTS, SEAMS, CONNECTIONS OR OPENINGS WHICH COULD ALLOW WATER OR AIR INFILTRATION / EXFILTRATION, EXCEPT AS NOTED OTHERWISE. SEALANT COLOR TO MATCH ADJACENT, VISIBLE MATERIAL COLOR AND REQUIRES OWNER AND ARCHITECT APPROVAL.

10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING A WEATHER TIGHT BUILDING. DETAILS AND OMISSIONS ON DRAWINGS, NOTWITHSTANDING ALL DRAWING CONFLICTS OR APPARENT CONFLICTS, WHICH MAY NOT ALLOW A WEATHER TIGHT CONDITION, SHALL BE BROUGHT TO THE ATTENTION OF OWNER AND ARCHITECT PRIOR TO COMMENCING WORK IN THAT AREA.

11. FOR MORE INFORMATION ON HISTORIC DETAIL REFERENCES, REFER TO CITY OF MADISON SHAREPOINT WEBSITE FOR ACCESS TO ORIGINAL SHOP DRAWINGS OF HISTORIC STONE, WINDOW AND CAST IRON PROFILES.

12. REFER TO SPECIFICATIONS FOR ALL MATERIAL CODES / CALLOUTS AND FOR MORE DETAILED SPECIFICATION REQUIREMENTS RELATED TO ALL COMPONENTS AND FINISHES.

13. THE LOCATION OF ALL FLOOR PENETRATIONS, INCLUDING LOCATIONS OF FLOOR BOX CORE DRILLS, ARE TO BE VERIFIED IN THE FIELD BY XRAYING EXISTING FLOOR STRUCTURAL CONDITIONS, TO ENSURE EXISTING CONCRETE JOISTS ARE NOT PENETRATED. EXISTING CLAY TILES BETWEEN CONCRETE JOISTS ARE "SOFT SPOTS" FOR PENETRATIONS. EXCEPTIONS ARE THOSE LOCATIONS WHERE EXISTING CONCRETE RIBS NEED TO BE CUT AND NEW STRUCTURAL SUPPORT FRAMING IS PROVIDED, PER THE STRUCTURAL DRAWINGS.

14. ALL NEW EXTERIOR STEEL TO BE PAINTED PT-7G, U.N.O.

15. PROVIDE WOOD BLOCKING AT ALL GYP WALLS FOR ANCHORING FLAT PANEL MONITORS, MARKERBOARDS, DISPLAY CASES, ART WORK AND HANGING SYSTEMS, TACKBOARD, AND ANY OTHER MECHANICAL, ELECTRICAL, PLUMBING, TECHNOLOGY AND AUDIO-VISUAL EQUIPMENT INDCATED ON FLOOR PLANS AND/OR INTERIOR ELEVATIONS FOR ALL DISCIPLINES. USE FIRE RETARDANT TREATED BLOCKING WHERE ANCHORING TO RATED PARTITIONS.

16. REPAIR WALL ZONES THAT WILL BE LEFT EXPOSED, AND FLOOR SURFACES THAT WILL BE EXPOSED TO VIEW WHERE XTG WALLS REMOVED TO MATCH XTG COND. ADJACENT.

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Urban Design www.msrdesign.com

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MEP Engineers
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Lighting Designer
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Madison Municipal Building Renovation

BPW Project #7939
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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin.
ARCHITECT SEAL

WISCONSIN
DANIEL JACK POLING
A-8984
MINNEAPOLIS, MN
ARCHITECT

Signature:
Print Names: Jack Poling
Date: 10.07.2016 License No: A-8984

ISSUE

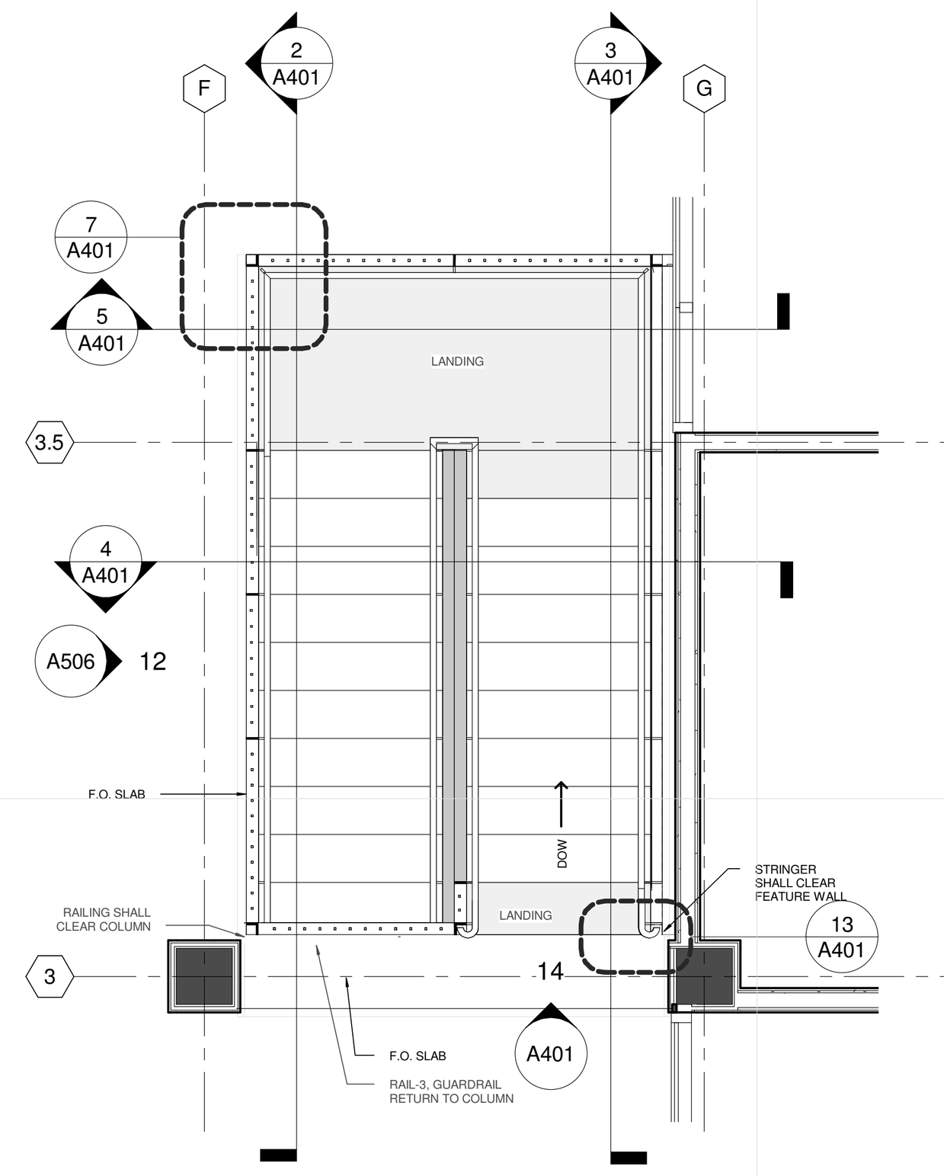
MARK	DATE	DESCRIPTION
1	03.24.2017	BID ISSUE
3	04.14.2017	ADDENDUM 3

PROJECT NO. 2014057
PROJECT PHASE BID ISSUE
DRAWN BY: Author CHECKED BY: Checker

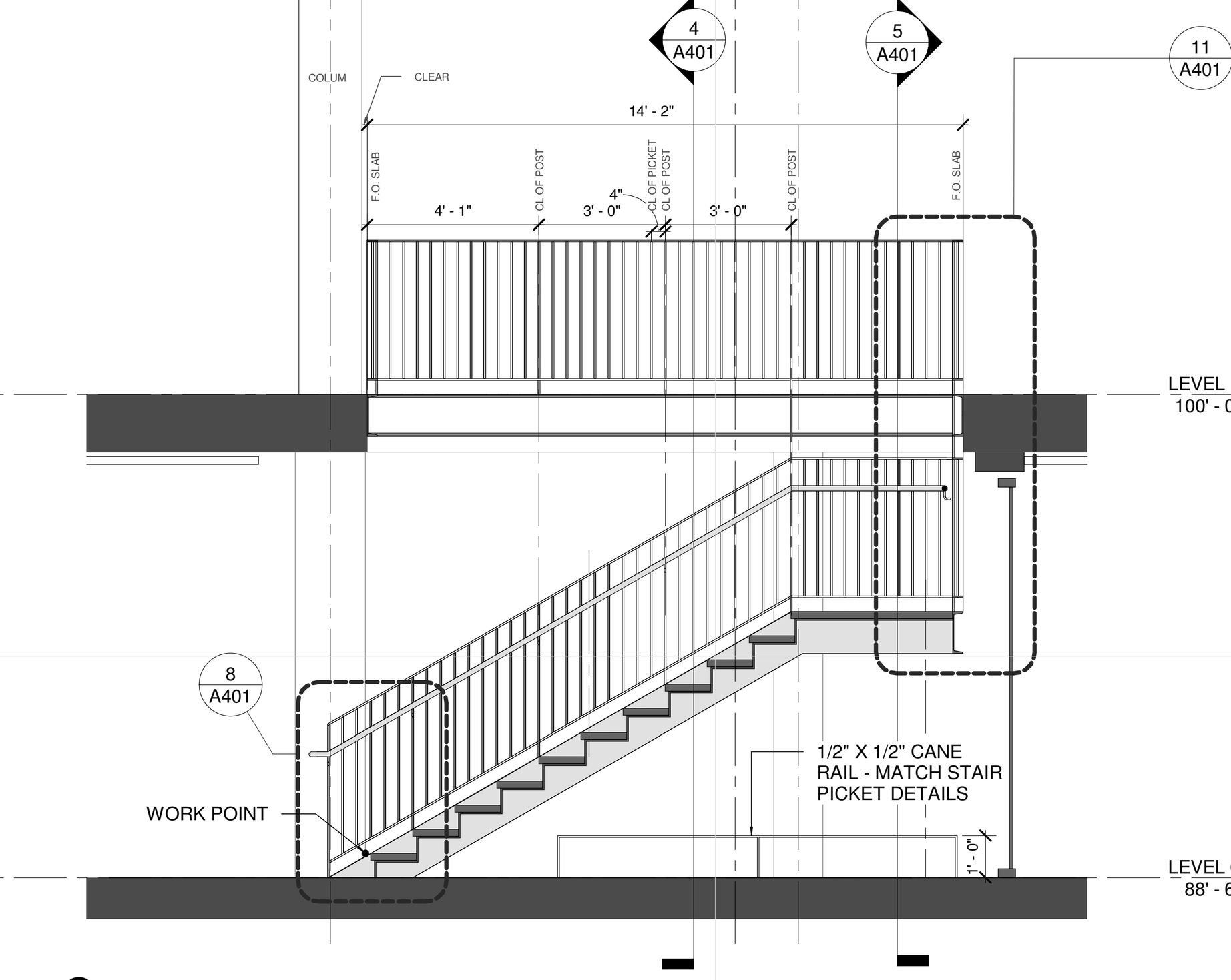
EXTERIOR DETAILS

EXHIBIT E

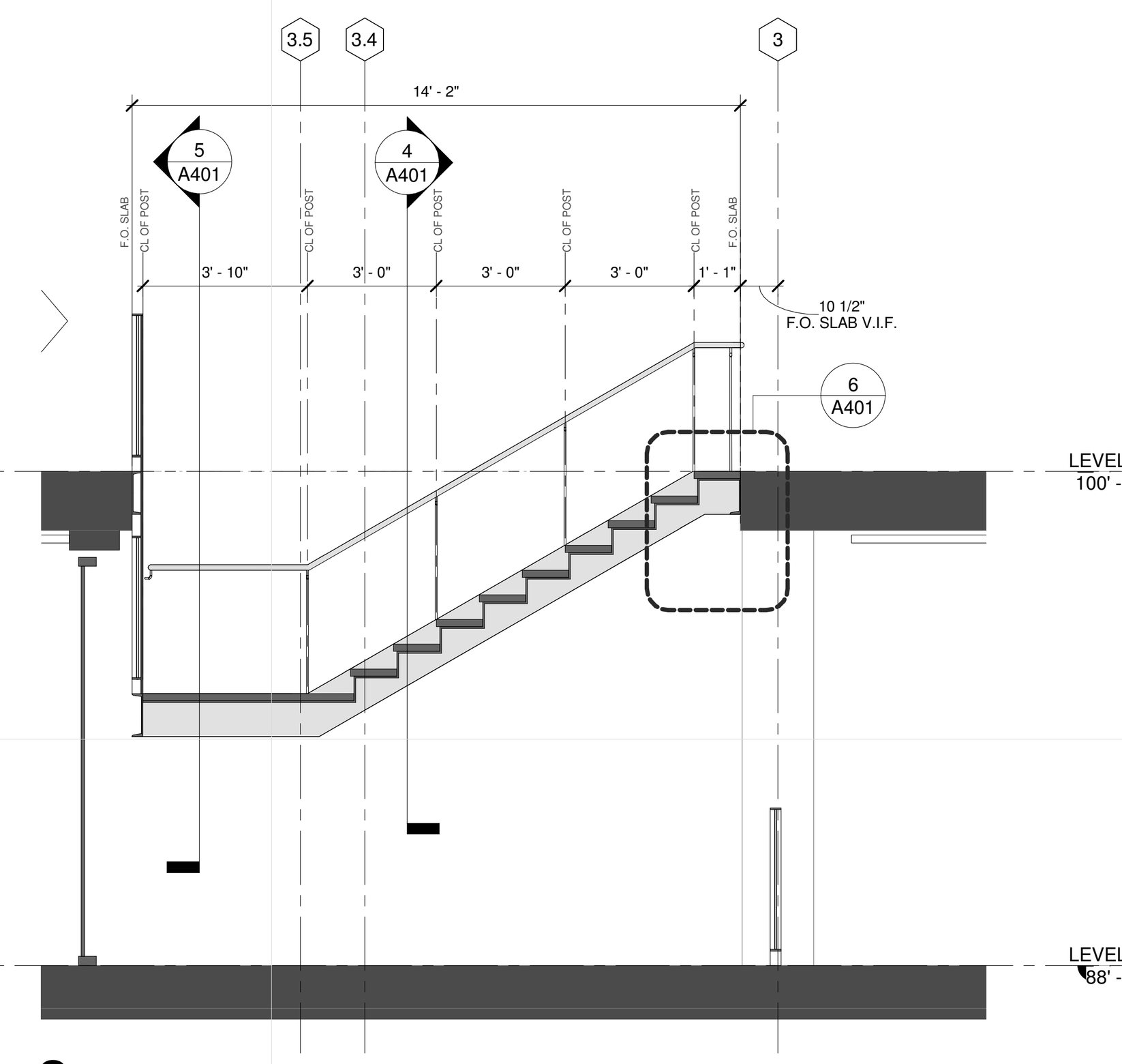
A354



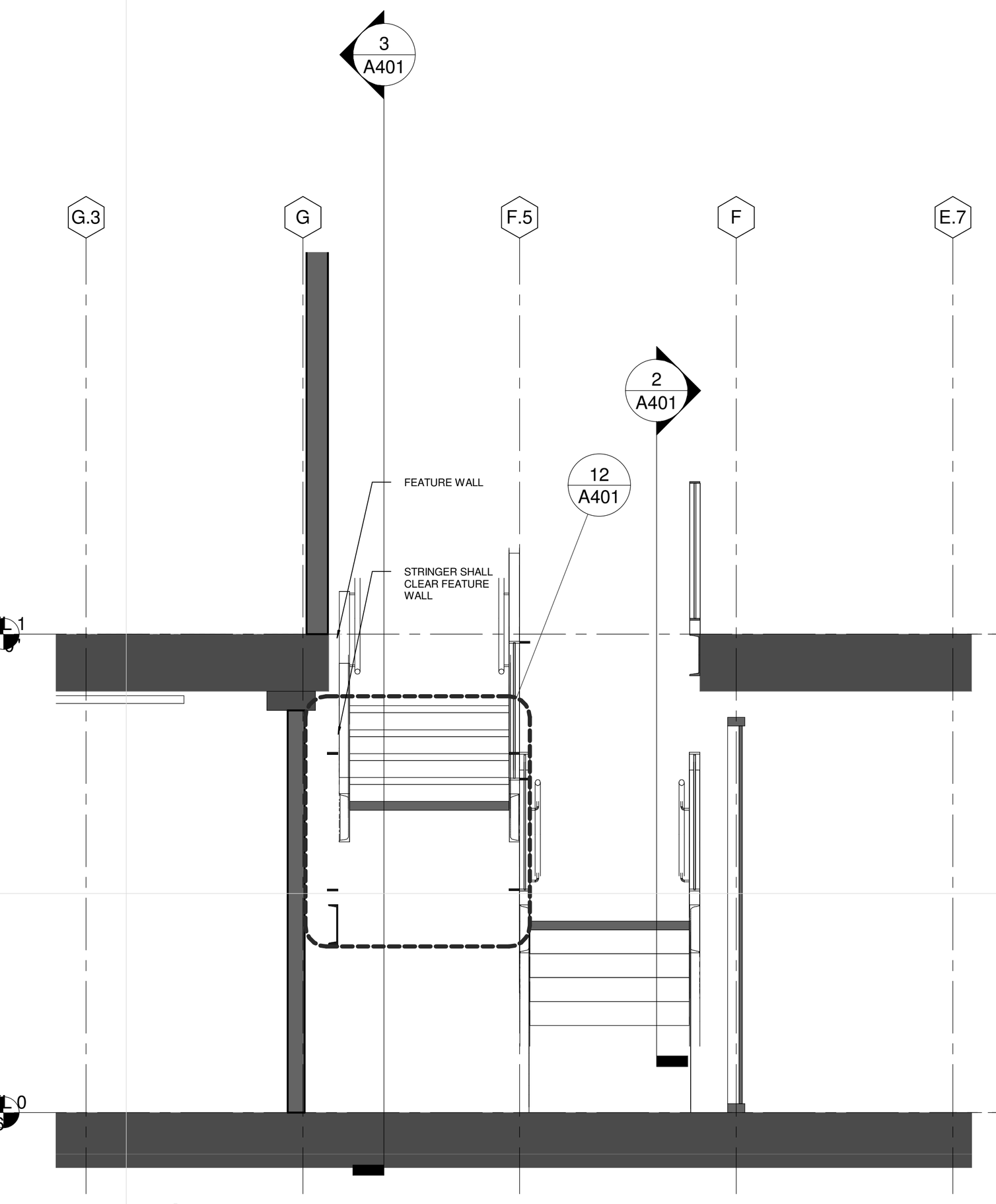
1 ENLARGED LEVEL 1 PLAN - STAIR A
A401 1/4" = 1'-0"



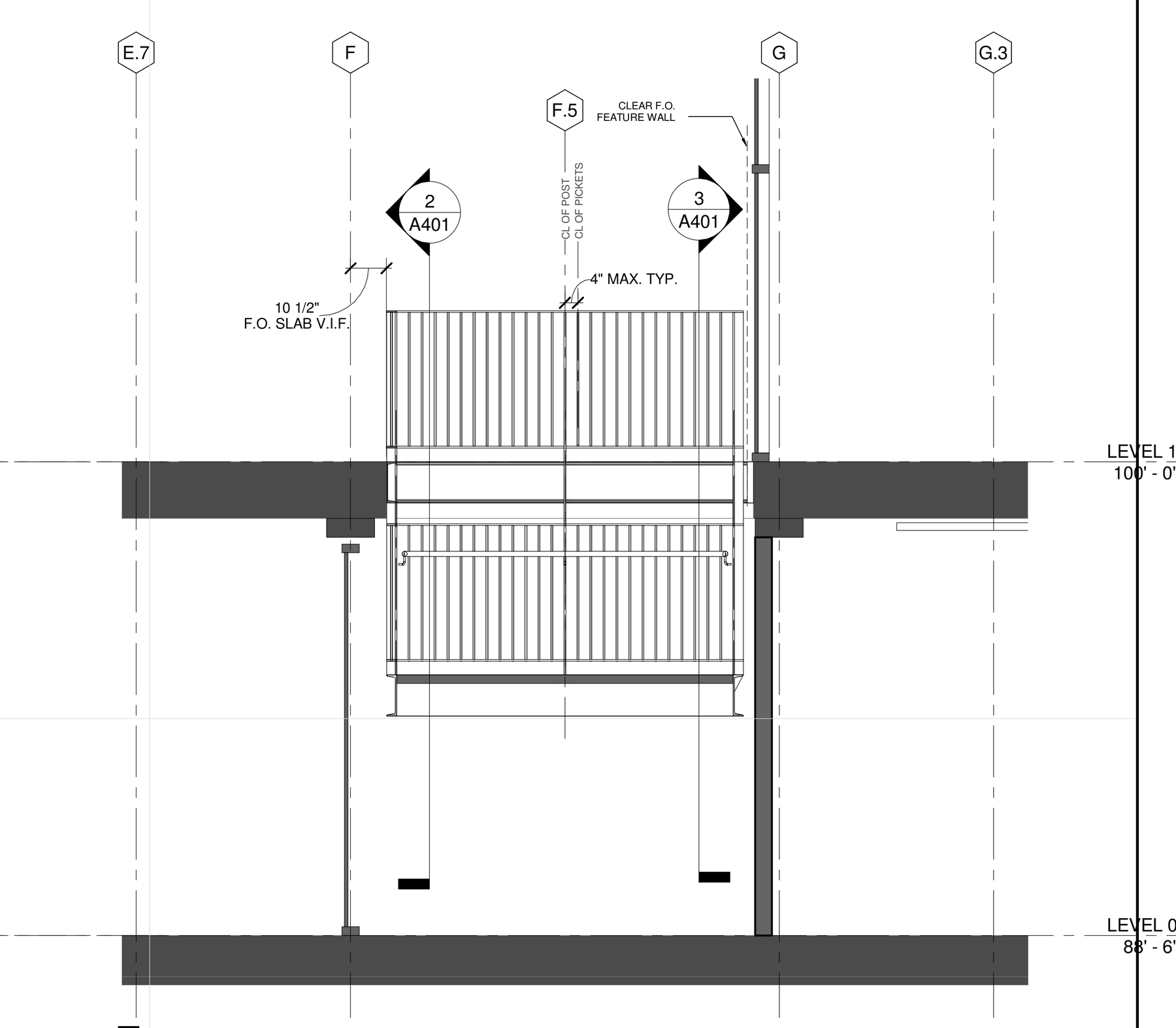
2 LONGITUDINAL SECTION CENTRAL STAIR - GROUND LEVEL
A401 1/4" = 1'-0"



3 LONGITUDINAL SECTION CENTRAL STAIR - LEVEL ONE
A401 1/4" = 1'-0"



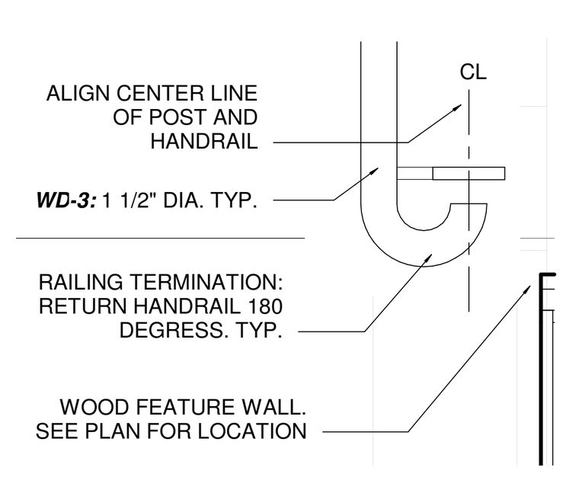
4 CENTRAL STAIR LATITUDINAL SECTION
A401 1/4" = 1'-0"



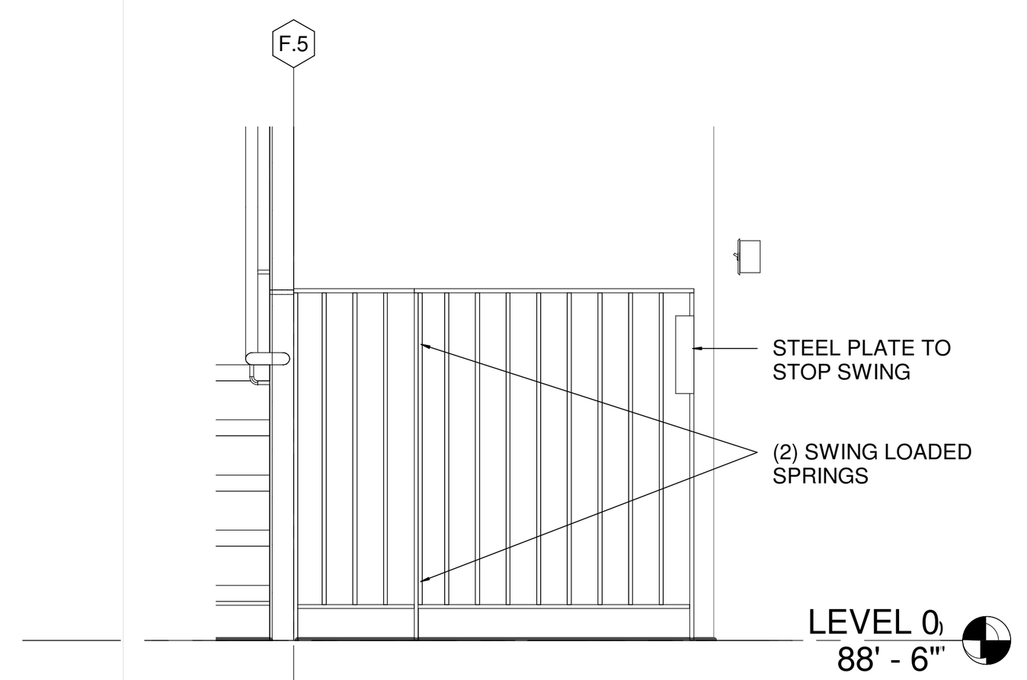
5 CENTRAL STAIR LATITUDINAL SECTION @ LANDING
A401 1/4" = 1'-0"

GENERAL NOTES - VERTICAL CIRCULATION

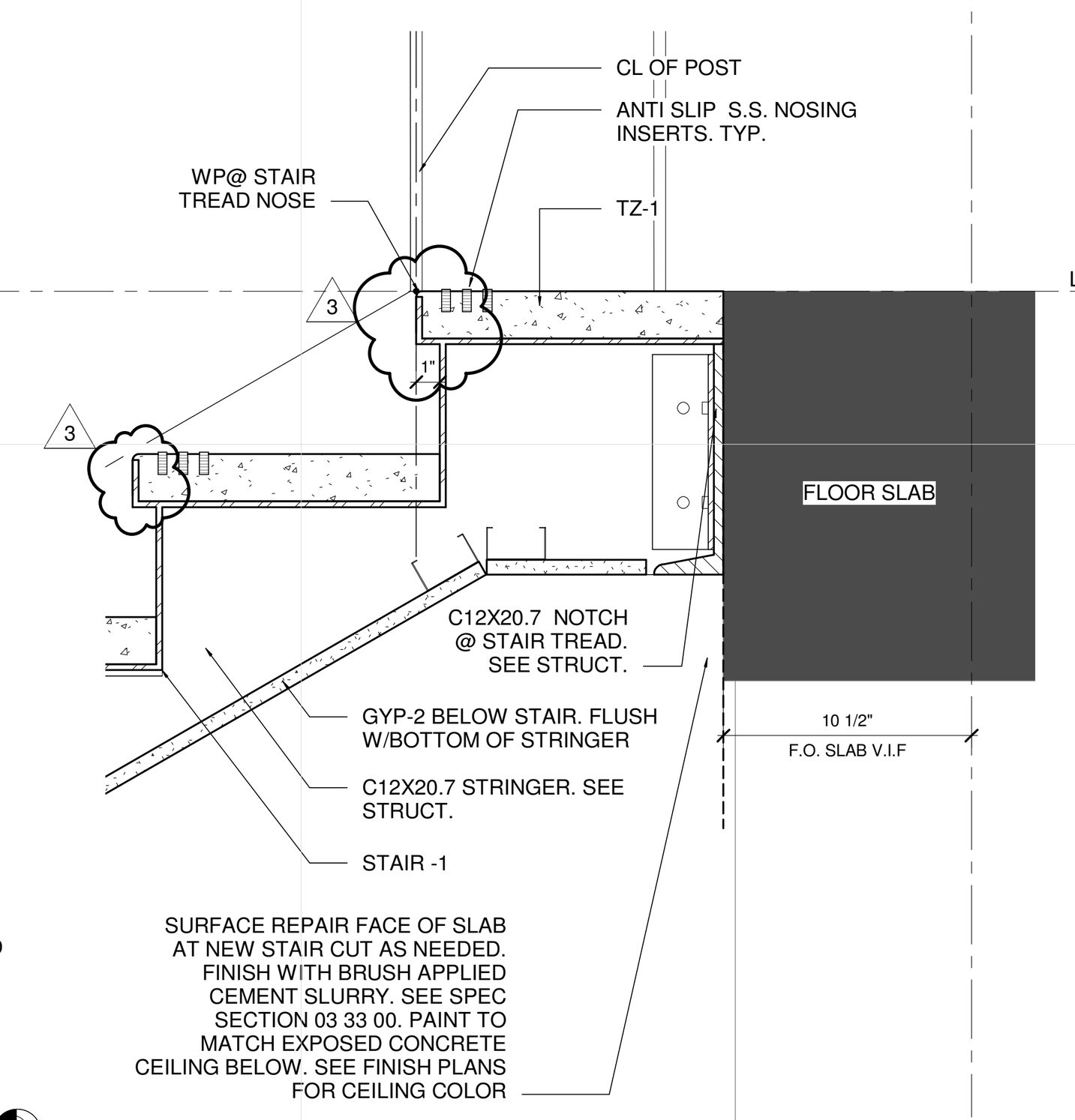
1. NOTIFY OWNER AND ARCHITECT OF ALL DEVIATIONS AND/OR INCONSISTENCIES BETWEEN DRAWN INTERIOR ELEVATION CONDITIONS AND EXISTING CONDITIONS OPENED UP IN THE FIELD DURING CONSTRUCTION.
2. REFER TO A800-SERIES MILLWORK PLANS AND ELEVATIONS.
3. FIELD-VERIFY ALL INTERIOR DIMENSIONS OF ELEVATOR CAR.
4. FOR NEW INTERIOR STAIR AND RAILING, ALL METAL SURFACES TO BE GROUND TO REMOVE ALL WELD SPLATTERS, UNEVEN AND SHARP SURFACES AND ARRISES, AND PAINTED PT-3H, UNLESS NOTED OTHERWISE.
5. FOR ELEVATOR LIGHTING AND VENTILATION FAN UPGRADES, SEE AL-SERIES AND M-SERIES DRAWINGS.



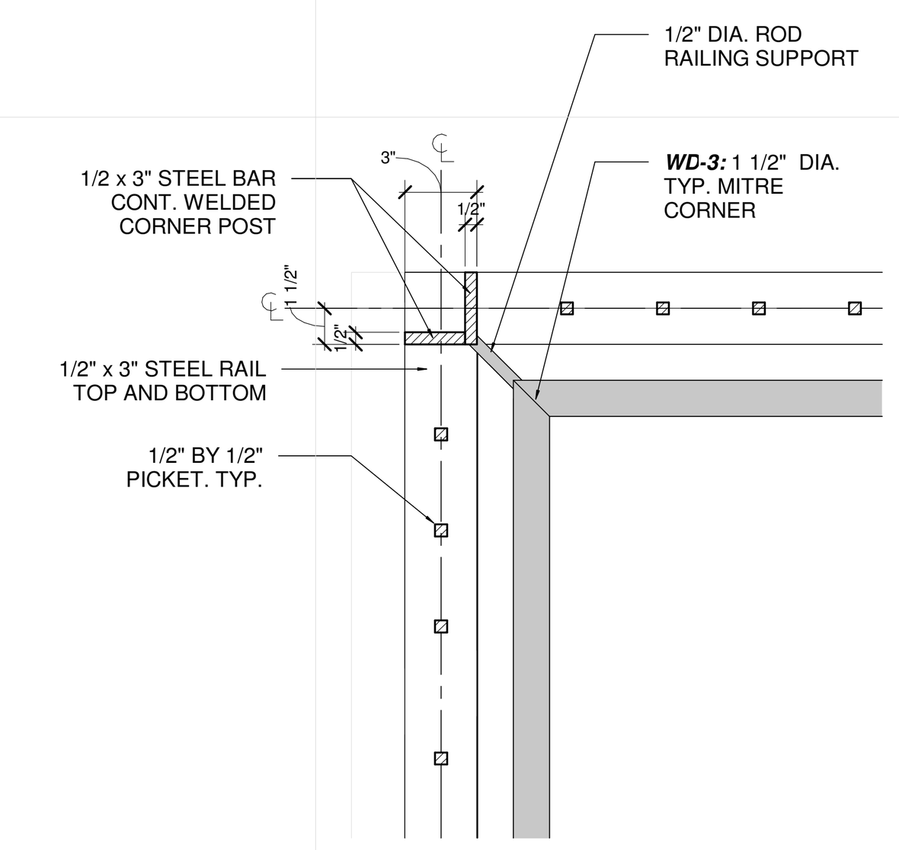
13 RAILING TERMINATION
A401 1 1/2" = 1'-0"



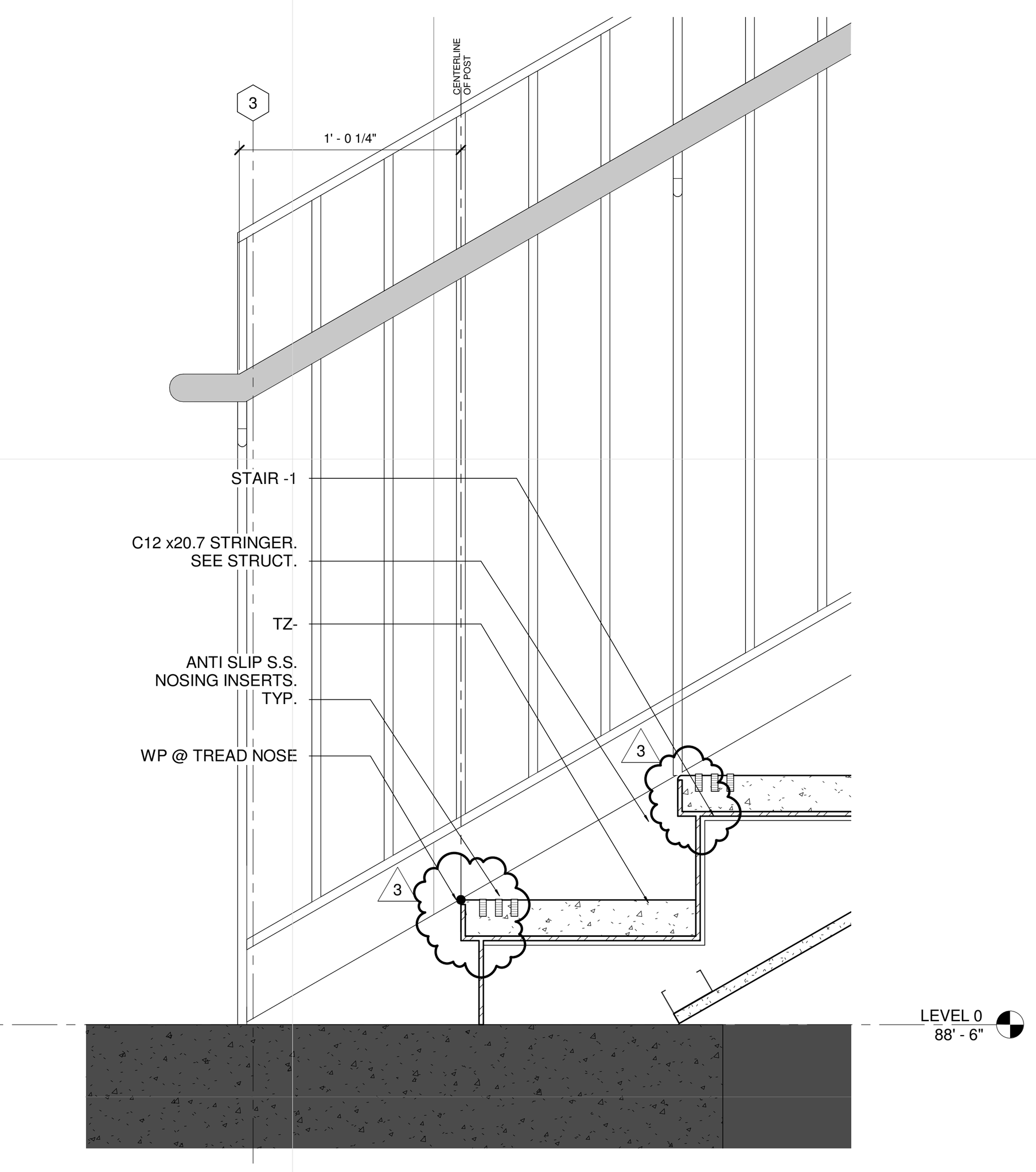
14 EGRESS RAILING
A401 1/2" = 1'-0"



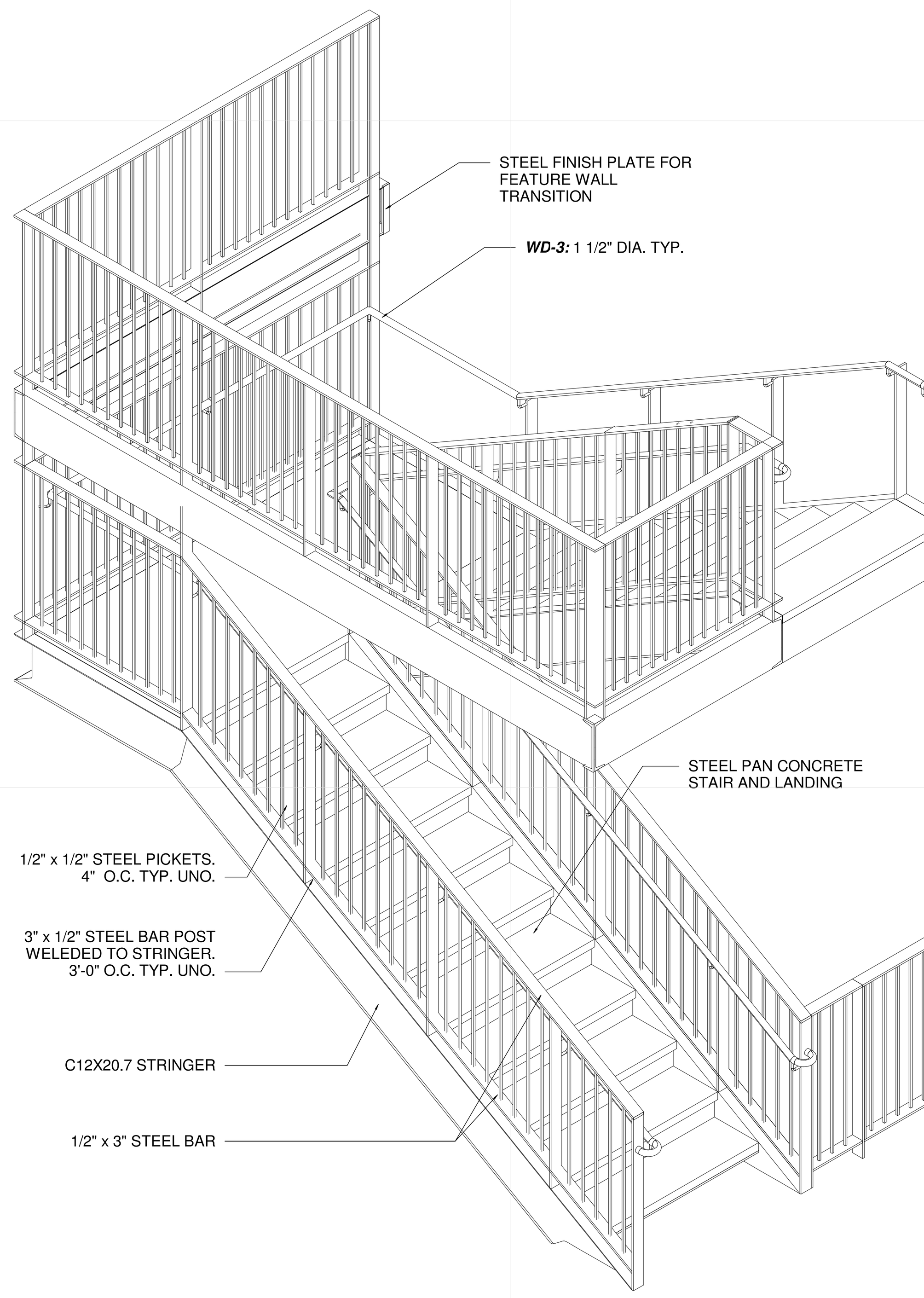
6 STAIR DETAIL @ LEVEL 1 LANDING
A401 1 1/2" = 1'-0"



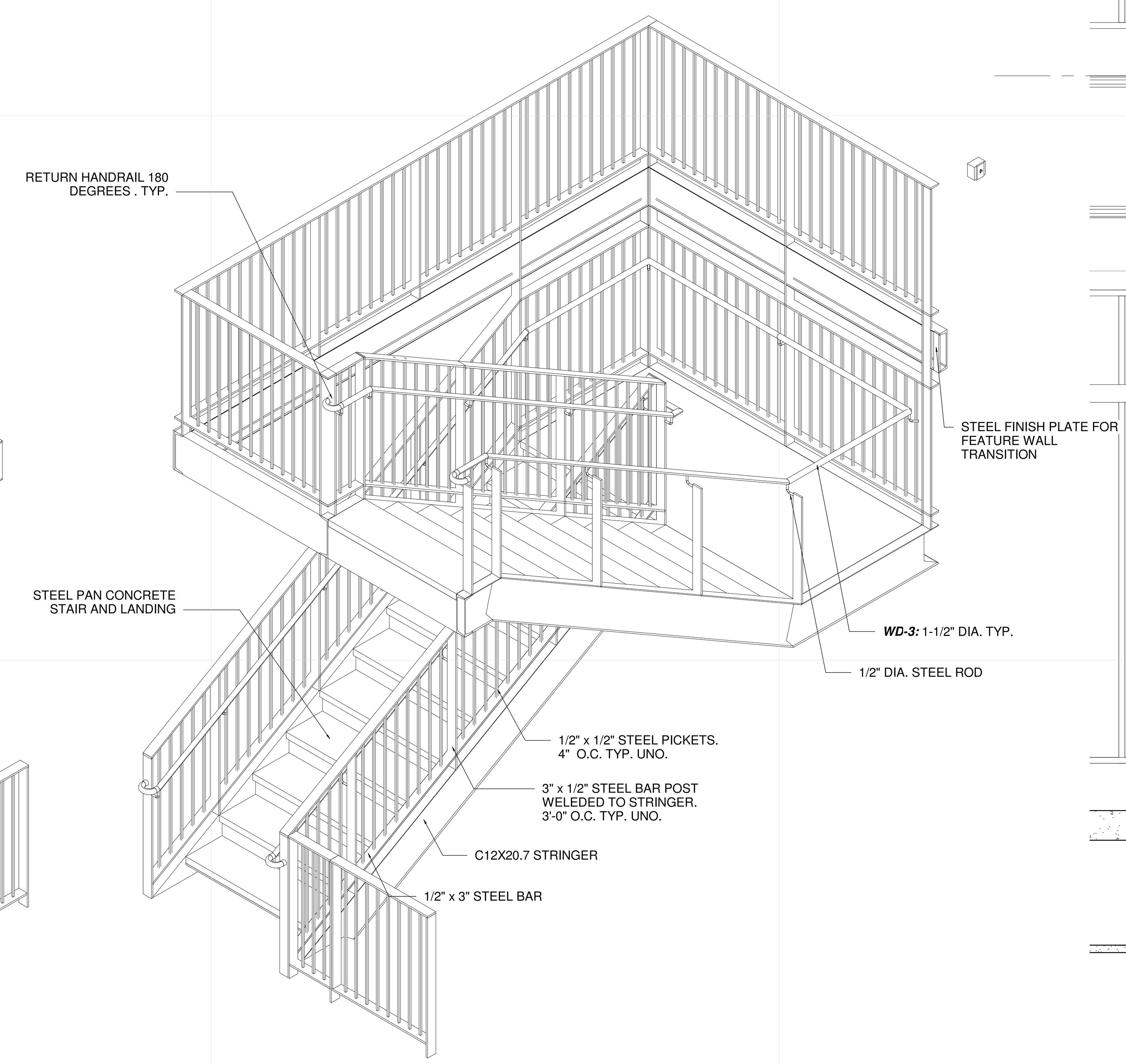
7 TYPICAL RAILING CORNER
A401 1 1/2" = 1'-0"



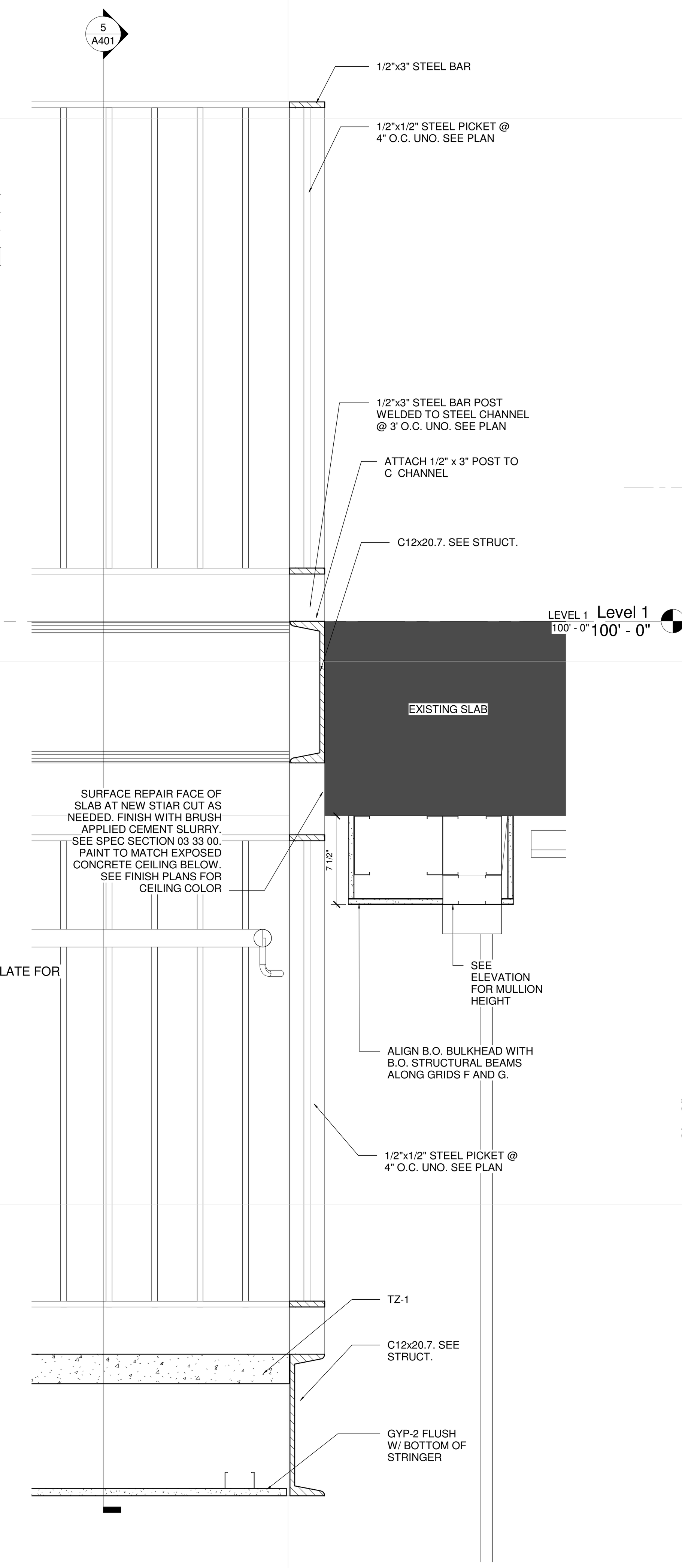
8 STAIR DETAIL @ GROUND LEVEL LANDING
A401 1 1/2" = 1'-0"



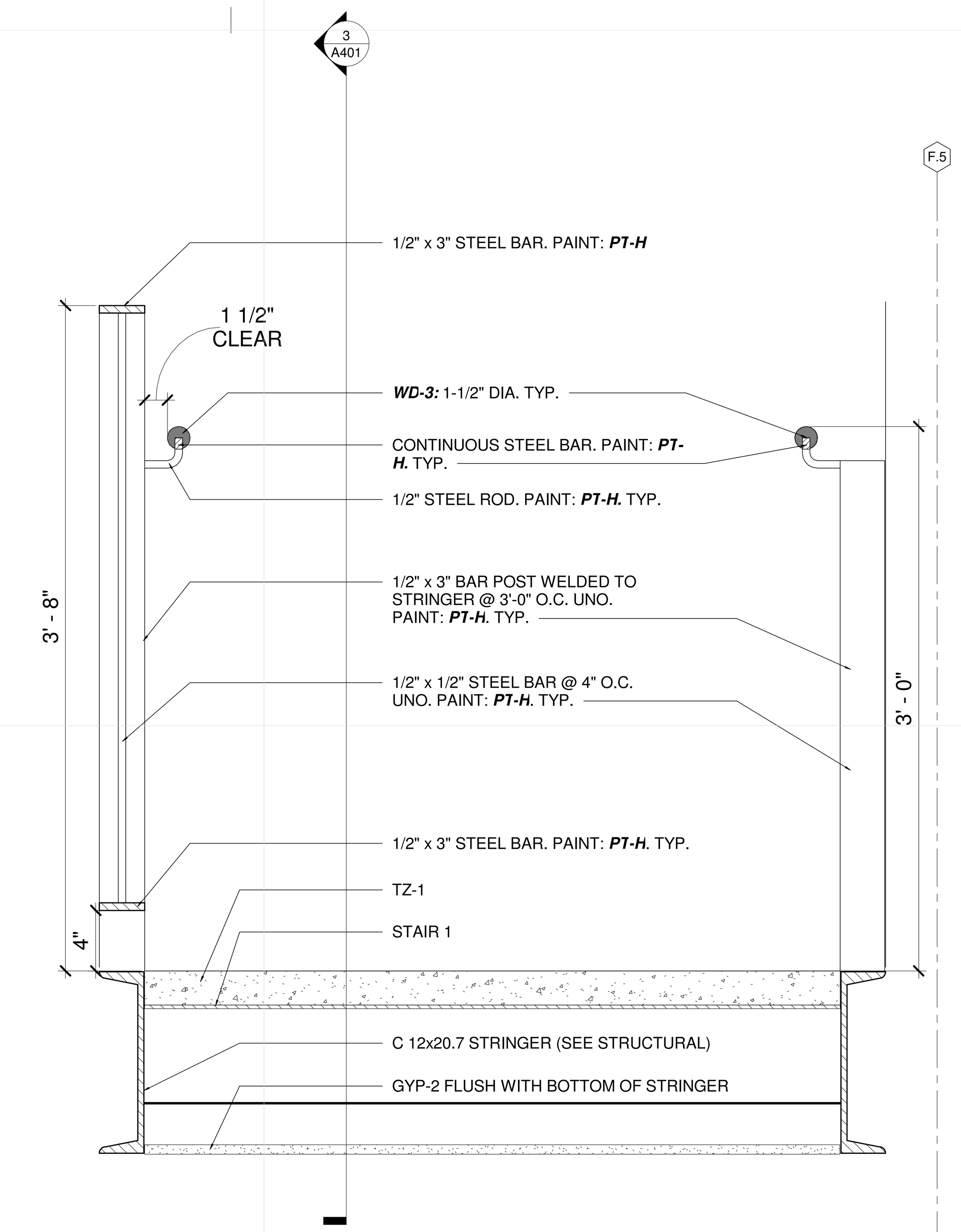
9 STAIR ISOMETRIC DRAWING
A401



10 STAIR ISOMETRIC DRAWINGview2
A401



11 DETAIL - GUARD RAIL AND FLOOR OPENING AT STAIR A
A401 1 1/2" = 1'-0"



12 STAIR RAILING DETAIL
A401 1 1/2" = 1'-0"

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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin. ARCHITECT SEAL

WISCONSIN DANIEL JACK POLING A-8984 MINNEAPOLIS, MN ARCHITECT

Signature:
Print Names: Jack Poling
Date: 10.07.2016 License No: A-8984

ISSUE

MARK	DATE	DESCRIPTION
1	03.24.2017	BID ISSUE
3	04.14.2017	ADDENDUM 3

PROJECT NO. 2014057
PROJECT PHASE BID ISSUE
DRAWN BY: Author CHECKED BY: Checker

VERTICAL CIRCULATION

EXHIBIT E

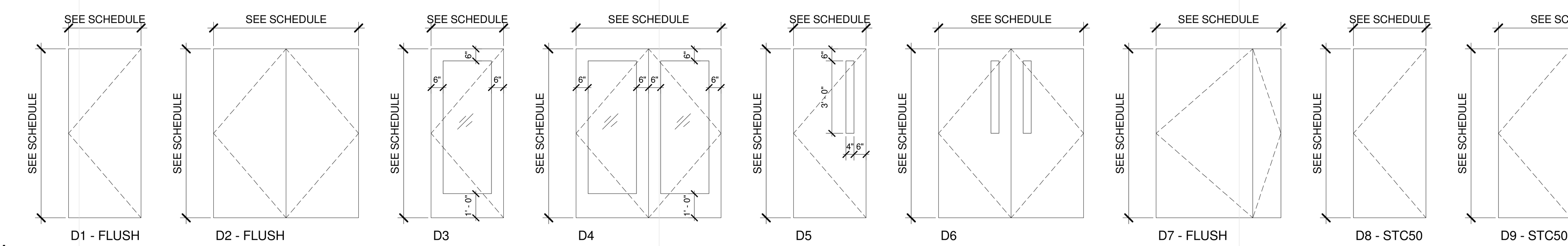
A401

DOOR SCHEDULE

DOOR NO.	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR TYPE	DOOR MAT'L	FRAME HEAD	FRAME SILL	FRAME JAMB	FRAME TYPE	FRAME MAT'L	FIRE	HDWR	COMMENTS
001A	6' - 0"	7' - 0"	1 7/8"	D9	HM	9/A602	9/A602	7/A602	F6	HM	60 MIN	26B	STC50 MIN., PASSAGE LATCH
001B	5' - 4"	9' - 0"	1 3/4"	D2	HM	6/A603	6/A603	7/A603	F5	HM		32A	EXIT ONLY, DOOR MONITORING
002A	2' - 8"	7' - 0"	1 3/4"	D1	HM	1C/A602		1D/A602	F1	HM	60 MIN	19	STOREROOM LOCK
003	2' - 8"	7' - 0"	1 7/8"	D8	HM	9/A602	9/A602	7/A602	F6	HM	60 MIN	11C	STC50 MIN., PASSAGE LATCH
004A	6' - 4"	7' - 0"	1 3/4"	D2	HM	1C/A602		1D/A602	F2	HM	60 MIN	31B	LOCK
004B	3' - 0"	7' - 0"	1 3/4"	D1	HM	1C/A602		3/A351	F1	HM	60 MIN	20A	LOCK, DOOR MONITORING
005	8' - 0"	8' - 0"	1 3/4"	D-X4	COIL-2	8/A351	9/A351	4/A351	-	COIL-2		68	CARD READER
006	3' - 0"	7' - 0"	1 7/8"	D8	HM	9/A602	9/A602	7/A602	F6	HM	60 MIN	20	STC50 MIN., PASSAGE LATCH
009	6' - 0"	7' - 0"	1 7/8"	D9	HM	9/A602	9/A602	7/A602	F6	HM	60 MIN	28B	STC50 MIN., CARD READER
010	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		20	STOREROOM LOCK
011	2' - 8"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		23	PRIVACY W/DB & IND
012	2' - 8"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		23	PRIVACY W/DB & IND
013	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50A	CARD READER
015	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50A	CARD READER
017A	6' - 2"	7' - 0"	1 3/4"	D4	GLWS-1	11/A610		11/A610	F2	GLWS-1		56	CARD READER
017B	3' - 0"	7' - 0"		D3	GLWS-1	11/A610		11/A610	F1	GLWS-1		50A	CARD READER
019	6' - 2"	7' - 0"	1 3/4"	D2	HM	1A/A602		1B/A602	F2	HM	90 MIN	74G	CARD READER, ADA ACTUATOR
020	2' - 8"	7' - 0"	1 3/4"	D1	HM	1C/A602		1D/A602	F1	HM	90 MIN	20A	LOCK, DOOR MONITORING
021	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		34	CARD READER, DOOR MONITORING
022	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50A	CARD READER
023	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		13	LOCK
024	2' - 8"	7' - 0"	1 3/4"	D5	HM/GL	1A/A602		1B/A602	F1	HM		33	CARD READER
025	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		69	PUSH/PULL WITH DEADBOLT
026	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		23	PRIVACY W/DB & IND
027	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		69	PUSH/PULL WITH DEADBOLT
028A	6' - 0"	7' - 0"	1 3/4"	D4	GLWS-1	11/A610		11/A610	F2	GLWS-1		66	
028B	3' - 0"	8' - 0"	1 3/4"	D3	GLWS-4	2/A354 (SIM)	3/A354	5/A351	F2	GLWS-4		48B	CARD READER, PANIC HARDWARE, ADA ACTUATOR
028C	3' - 0"	8' - 0"	1 3/4"	D3	GLWS-4	2/A354 (SIM)	3/A354	6/A351	F2	GLWS-4		48B	PAIRED WITH 028B
029	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		19	LOCK
030	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		07	LOCK
031	3' - 0"	7' - 0"		D3	GLWS-1	11/A610		11/A610	F1	GLWS-1		51	LOCK, CLOSER.
033	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
034	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
035	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
036	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
037	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
038	6' - 0"	7' - 0"	1 3/4"	D2	HM	1A/A602		1B/A602	F2	HM	60 MIN	28	LOCK
039	4' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		34	CARD READER
040	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
041	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
042	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
043	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
044	3' - 0"	7' - 0"	1 3/4"	D1	HM	6/A603 (SIM)	6/A603 (SIM)	7/A603 (SIM)	F1	HM		41	EXIT ONLY, DOOR MONITORING
045	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		35	CARD READER, MONITORING CONTROL
046	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
VAULT DOOR	2' - 7"	6' - 8"				3/A602 (SIM)	4/A602	3/A602		EXTG		EXTG	FINAL DOOR POSITIONS TO BE PER THE DRAWINGS.
100A	6' - 0"	7' - 0"	1 3/4"	D4	GLWS-1	15/A610		18/A610	F2	GLWS-1		66	PUSH/PULL
100B	6' - 0"	7' - 0"	1 3/4"	D4	GLWS-1	15/A610		18/A610	F2	GLWS-1		66	PUSH/PULL
100C	6' - 0"	7' - 0"	1 3/4"	D4	GLWS-1	15/A610		18/A610	F2	GLWS-1		66A	PUSH/PULL, ADA ACTUATOR
101	6' - 0"	7' - 0"	1 3/4"	D4	GLWS-1	15/A610		18/A610	F2	GLWS-1		61B	CARD READER, HOLD-OPEN, DOOR MONITORING
102A	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50A	CARD READER, DOOR MONITORING
102B	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50A	CARD READER, DOOR MONITORING
103	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50	CARD READER
104	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50	CARD READER
105	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50	CARD READER
106	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50	CARD READER
107	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		20	
108	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		49C	
109A	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50B	CARD READER, HOLD OPEN.
109B	3' - 0"	3' - 6"		D3	WOOD	NO FRAME		11/A610 (SIM)	F1	GLWS-1		67	CARD READER, DOOR MONITORING
109C	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50B	CARD READER, HOLD OPEN.
110	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50B	CARD READER
111A	6' - 0"	7' - 0"	1 3/4"	D4	GLWS-2	10/A611		16/A611	F2	GLWS-2		58A	CARD READER, HOLD-OPEN, DOOR MONITORING
111B	3' - 0"	7' - 0"	1 3/4"	D3	HM/GL	1A/A602		1B/A602	F1	HM		34	CARD READER ON CONF. ROOM 111 SIDE.
112A	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		49D	DOOR MONITORING, ADA ACTUATOR
112B	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50A	CARD READER
113	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		01	LOCK
114	3' - 0"	7' - 0"		D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50B	CARD READER ON ROOM 114 SIDE.
115	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		20	
116	5' - 4"	7' - 0"	1 3/4"	D2	HM	1A/A602		1B/A602	F2	HM	60 MIN	09	LOCK
117	6' - 0"	7' - 0"	1 3/4"	D6	HM	1A/A602		1B/A602	F2	HM		30	CARD READER, DOOR MONITORING
118	3' - 0"	7' - 0"		D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50B	CARD READER
119	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
120	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
121	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
122	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50B	CARD READER
123	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50B	CARD READER
124	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50B	CARD READER
125	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50B	CARD READER
126A	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
126B	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50B	CARD READER ON ROOM 126 SIDE.
127	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		50B	CARD READER
128	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		33	CARD READER, DOOR MONITORING.
129	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
130A	3' - 0"	7' - 0"		D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50A	CARD READER, DOOR MONITORING
130B	3' - 0"	7' - 0"		D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50B	CARD READER
132A	3' - 0"	7' - 0"		D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50A	CARD READER, DOOR MONITORING
132B	3' - 0"	7' - 0"		D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50A	CARD READER, DOOR MONITORING
134	3' - 4"	7' - 0"	1 3/4"	D1	HM	9/A353	9/A353	7/A352	F1	HM		40	CARD READER
135A	6' - 0"	7' - 0"	1 3/4"	D4	GLWS-1	15/A610		18/A610	F2	GLWS-1		66	
135B	6' - 0"	7' - 0"	1 3/4"	D4	GLWS-4	5/A354	6/A354	3 & 5/A352	F2	GLWS-4		48B	CARD READER, PANIC HARDWARE, ADA ACTUATOR
136	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		23	PRIVACY W/DB & IND
137	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		69	PUSH/PULL WITH DEADBOLT
138	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		07	LOCK
139	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		69	PUSH/PULL WITH DEADBOLT
141	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		11A	PASSAGE LATCH
143	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
144	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
145	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
146	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSSAGE LATCH
147	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
148	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		33	CARD READER, DOOR MONITORING
149	6' - 0"	7' - 0"	1 3/4"	D2	HM	1A/A602		1B/A602	F2	HM	60 MIN	28	LOCK
150A	3' - 1"	7' - 0"		D3	GLWS-3	12/A613		13/A613	F2	GLWS-3	90 MIN	74F	CARD READER, DOOR MONITORING, ADA ACTUATOR
150B	3' - 1"	7' - 0"		D3	GLWS-3	12/A613		13/A613	F2	GLWS-3	90 MIN	74F	PAIRED WITH 150A
150C	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM	90 MIN	75	
151	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
152A	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		50A	CARD READER ON ROOM 152 SIDE.
152B	3' - 0"	7' - 0"	1 3/4"	D3	GLWS-2	10/A611		16/A611	F1	GLWS-5		50A	CARD READER, DOOR MONITORING
160A	3' - 1"	7' - 0"		D3	GLWS-3	12/A613		13/A613	F2	GLWS-3	90 MIN	74E	CARD READER
160B	3' - 1"	7' - 0"		D3	GLWS-3	12/A613		13/A613	F2	GLWS-3	90 MIN	74E	PAIRED WITH 160A
F1	5' - 0"	7' - 10"	1 3/4"	D-X3	HM	4/A603	5/A603 SIM	1/A603	EXTG	HIST. HM		54A	REINSTALL TRANSOM GLASS, CARD READER, DOOR MONITORING, ADA ACTUATOR. 38.75" CLEAR WIDTH
200	3' - 0"	6' - 10"		D3	GLWS-3	12/A613		13/A613	F1	GLWS-3	90 MIN	74C	CARD READER, ADA ACTUATOR
207B	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		33	CARD READER, DOOR MONITORING
210	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
211	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
212B	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
213	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
214B	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
215	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
217	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
218	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
219	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		34	CARD READER, DOOR MONITORING
220	6' - 0"	7' - 0"	1 3/4"	D2	HM	1A/A602		1B/A602	F2	HM	60 MIN	29	LOCK
221B	4' - 6"	8' - 8 1/2"	1 3/4"	D3	GLWS-4	8/A382	9/A382	10/A382	F1	GLWS-4		70	LOCK - KEYED LOCK INSIDE & THUMBTURN OUTSIDE
222	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		23	PRIVACY W/DB & IND
223	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		07	LOCK, UNDERCUT 1"
224	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		23	PRIVACY W/DB & IND, UNDERCUT 1"
225	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		23	PRIVACY W/DB & IND, UNDERCUT 1"
260C	2' - 11 1/8"	6' - 6 1/2"	1 3/4"	D-E8	WD	8/A554 (SIM)		8/A554	-	WD		36	NEW WD DOOR SIM. TO HIST 231, CARD READER, DOOR MONITORING
261A	6' - 0"	7' - 0"	1 3/4"	D2	HM	1A/A602		1B/A602	F2	HM	60 MIN	29	LOCK
261C	6' - 0"	7' - 0"	1 3/4"	D6	HM	1A/A602		1B/A602	F2	HM		72	LOCK, DOOR MONITORING
265	3' - 0"	7' - 0"		D3	GLWS-3	12/A613		13/A613	F1	GLWS-3	90 MIN	74B	CARD READER, DOOR MONITORING
267	6' - 0"	7' - 0"	1 3/4"	D6	HM	1A/A602		1B/A602	F2	HM		30	CARD READER, DOOR MONITORING
269	3' - 0"	7' - 0"		D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		50B	CARD READER
272	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
273	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
274	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
275	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
276	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
277	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	
278	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
E208	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	EXTG	EXTG	EXTG	F3	WD		18	HISTORIC 210, CLASSROOM LOCK.
E212	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	EXTG	EXTG	EXTG	F3	WD		18	HISTORIC 212, FIXED CLOSED.
E221A	3' - 0"	7' - 0"	1 3/4"	D-E2	WD	2C/A602		2D/A602	F3	WD		36	HISTORIC 324, CARD READER, DOOR MONITORING
E226	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	2A/A602		2B/A602	F3	WD		36	HISTORIC 309, CARD READER, DOOR MONITORING
E261	6' - 0"	7' - 0"	1 3/4"	D-E7	WD/GL	2A/A602		2B/A602	F3	WD		71	HISTORIC 222 AND 301, PUSH/PULL
E262	3' - 0"	7' - 0"	1 3/4"	D-E2	WD	2A/A602		2B/A602	F3	WD		38	HISTORIC 304, CARD READER
E271	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	2A/A602		2B/A602	F3	WD		36	HISTORIC 218, CARD READER, DOOR MONITORING
300A	3' - 1"	7' - 0"		D3	GLWS-3	12/A613		13/A613	F2	GLWS-3	90 MIN	74D	CARD READER, ADA ACTUATOR

DOOR SCHEDULE

DOOR NO.	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR TYPE	DOOR MAT'L	FRAME HEAD	FRAME SILL	FRAME JAMB	FRAME TYPE	FRAME MAT'L	FIRE	HDWR	COMMENTS
300B	2' - 1"	7' - 0"		D3	GLWS-3	12/A613		13/A613	F2	GLWS-3	90 MIN	74D	SET UP FOR EGRESS FUNCTION
300C	2' - 5 1/2"	6' - 11 1/4"	1 3/4"	D1	HM	1C/A602		1D/A602	F1	HM	90 MIN	19	LOCK
301A	3' - 1"	7' - 0"	1 3/4"	D3	GLWS-1	15/A610		18/A610	F2	GLWS-1		53	CARD READER, DOOR MONITORING, ADA ACTUATOR
301B	2' - 1"	7' - 0"	1 3/4"	D3	GLWS-1	15/A610		18/A610	F2	GLWS-1		53A	SET UP FOR EGRESS FUNCTION
305	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
306	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
307	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
308	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
309	6' - 0"	7' - 0"	1 3/4"	D6	HM	1A/A602		1B/A602	F2	HM		30	CARD READER, DOOR MONITORING
310	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
311	3' - 0"	7' - 0"		D3	GLWS-3	12/A613		13/A613	F1	GLWS-3	90 MIN	74B	CARD READER, DOOR MONITORING
313	4' - 0"	7' - 0"	1 7/8"	D8	HM	9/A602	9/A602	7/A602	F1	HM	60 MIN	34A	STC50 MIN., CARD READER, DOOR MONITORING
313B	3' - 0"	7' - 0"	1 3/4"	D1	HM	1A/A602		1B/A602	F1	HM		01B	PASSAGE LATCH
316	3' - 0"	7' - 0"		D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		10	PUSH/PULL WITH DEADBOLT
318	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
319	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
320A	6' - 0"	7' - 0"	1 3/4"	D6	HM	1A/A602		1B/A602	F2	HM		30	CARD READER, DOOR MONITORING
321	4' - 0"	7' - 0"	1 7/8"	D8	HM	9/A602	9/A602	7/A602	F1	HM	60 MIN	34A	STC50 MIN., CARD READER, DOOR MONITORING
322	3' - 0"	7' - 0"		D3	GLWS-1	15/A610		18/A610	F1	GLWS-1		10	PUSH/PULL WITH DEADBOLT
323	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
324	3' - 0"	7' - 0"		D3	GLWS-2	10/A611		16/A611	F1	GLWS-2		49B	PASSAGE LATCH
E302	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	2C/A602		2D/A602	F3	WD		36	HISTORIC 331, CARD READER, DOOR MONITORING
E303	3' - 0"	7' - 0"	1 3/4"	D-E6	WD/GL	2A/A602		2B/A602	F3	WD		01A	HISTORIC 329, PASSAGE LATCH
R001	2' - 5 3/4"	5' - 6"	1 3/4"	D1	HM	11/A382 (SIM)	12/A382	11/A382	F1	HM		70B	LOCK - KEYED LOCK INSIDE & THUMBTURN OUTSIDE, UNDERCUT FOR THERMAL EXP.
R002	2' - 8"	2' - 6 1/4"	1 3/4"	D1	HM	EXTG	EXTG	EXTG	F1	HM		EXTG	LOCK - KEYED LOCK INSIDE & THUMBTURN OUTSIDE

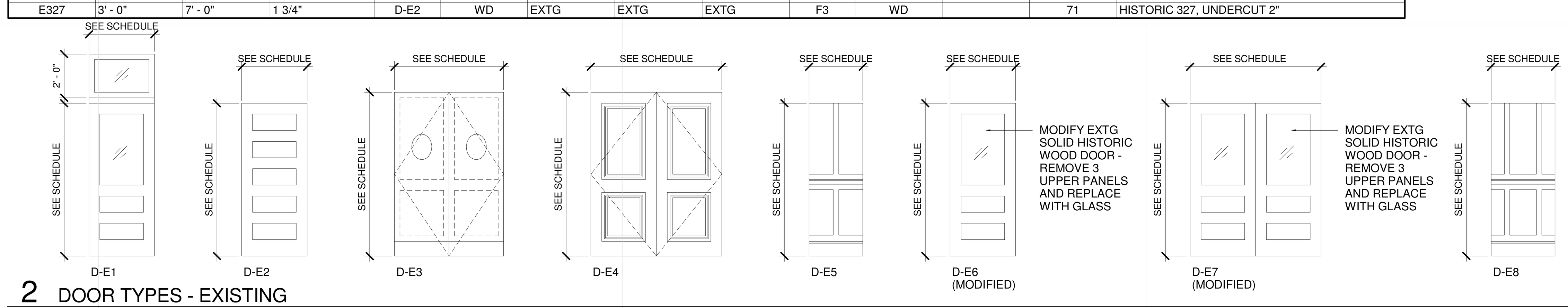


1 DOOR TYPES

A601 1/4" = 1'-0"

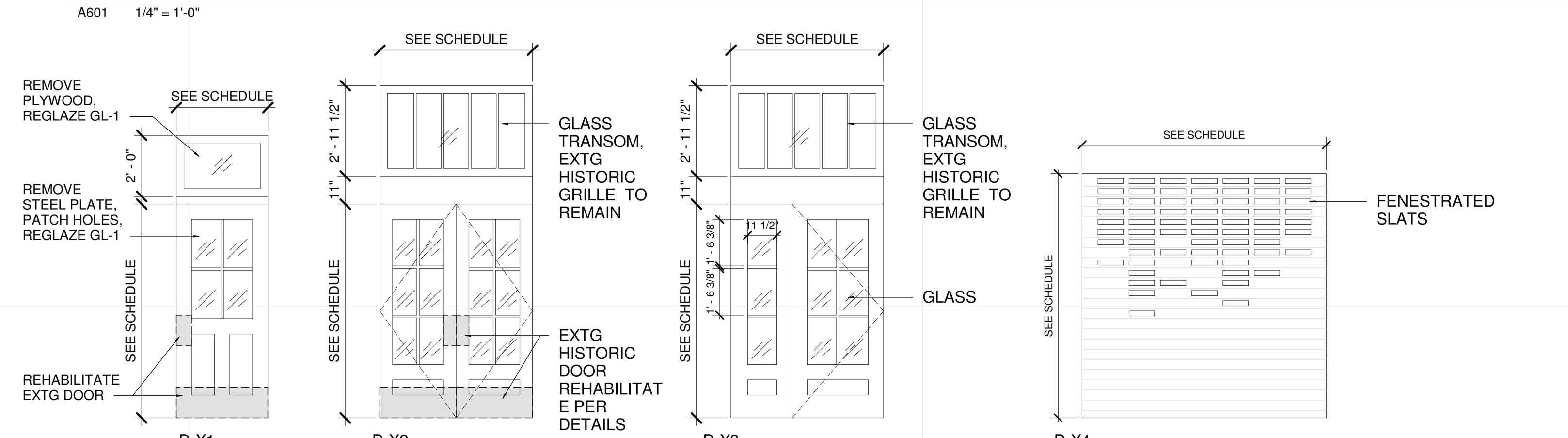
DOOR SCHEDULE - EXISTING TO REMAIN

DOOR NO.	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR TYPE	DOOR MAT'L	FRAME HEAD	FRAME SILL	FRAME JAMB	FRAME TYPE	FRAME MAT'L	FIRE	HDWR	COMMENTS
E002B	3' - 0"	7' - 0"	1 3/4"	D-E2	WD	EXTG	EXTG	EXTG	EXTG	WD		21A	HISTORIC 20
E032	3' - 0"	7' - 0"	1 3/4"	D-X1	HM	EXTG	EXTG	EXTG	EXTG	HM		41	REHABILITATE FRAME, EXIT ONLY, DOOR MONITORING
F8	5' - 0"	7' - 10"	1 3/4"	D-X2	HIST. HM	4/A603	5/A603	2/A603	EXTG	HIST		62A	REINSTALL GLASS IN TRANSOM (ORIGINAL DETAIL), DOOR MONITORING
F9	5' - 0"	7' - 10"	1 3/4"	D-X2	HIST. HM	4/A603	5/A603	2/A603	EXTG	HIST.		62A	REINSTALL GLASS IN TRANSOM (ORIGINAL DETAIL), DOOR MONITORING
F10	5' - 0"	7' - 10"	1 3/4"	D-X2	HIST. HM	4/A603	5/A603	2/A603	EXTG	HIST.		62B	REINSTALL GLASS IN TRANSOM (ORIGINAL DETAIL), CARD READER, DOOR MONITORING, ADA ACTUATOR
F17	5' - 0"	7' - 10"	1 3/4"	D-X2	HIST. HM	4/A603	5/A603	2/A603	EXTG	HIST.		60	REINSTALL GLASS IN TRANSOM (ORIGINAL DETAIL), CARD READER, DOOR MONITORING
	3' - 0"	7' - 0"	1 3/4"	D-E1	WD								HISTORIC 210: REFER TO OTHER SCHEDULE ON SHEET A601.
	3' - 0"	7' - 0"	1 3/4"	D-E1	WD								HISTORIC 212: REFER TO OTHER SCHEDULE ON SHEET A601.
E201	3' - 0"	7' - 0"	1 3/4"	D-E2	WD	EXTG	EXTG	EXTG	F3	WD		71	HISTORIC 244, UNDERCUT 2"
E202	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	EXTG	EXTG	EXTG	F3	WD		36	HISTORIC 201, CARD READER, DOOR MONITORING
E203	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	EXTG	EXTG	EXTG	F3	WD		36	HISTORIC 203, CARD READER, DOOR MONITORING
E205	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	EXTG	EXTG	EXTG	F3	WD		36	HISTORIC 205, CARD READER, DOOR MONITORING
E206	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	EXTG	EXTG	EXTG	F3	WD		45	MODIFIED HISTORIC 206, CARD READER, DOOR MONITORING
E207	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	EXTG	EXTG	EXTG	F3	WD		45	MODIFIED HISTORIC 208,CARD READER, DOOR MONITORING
E214	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	EXTG	EXTG	EXTG	F3	WD		17	HISTORIC 214, FIXED CLOSED.
E216	3' - 0"	7' - 0"	1 3/4"	D-E1	WD	EXTG	EXTG	EXTG	F3	WD		38A	HISTORIC 216, CARD READER, DOOR MONITORING, ADA ACTUATOR
E259A	5' - 0"	7' - 7"	1 3/4"	D-E4	WD	EXTG	EXTG	EXTG	EXTG	WD		69A	HISTORIC 233
E259B	5' - 0"	7' - 6"	1 3/4"	D-E3	WD	EXTG	EXTG	EXTG	EXTG	WD		65	HISTORIC 233
E260A	5' - 0"	7' - 7"	1 3/4"	D-E4	WD	EXTG	EXTG	EXTG	EXTG	WD		69A	HISTORIC 232
E260B	5' - 0"	7' - 6"	1 3/4"	D-E3	WD	EXTG	EXTG	EXTG	EXTG	WD		65	HISTORIC 232
E260D	3' - 0"	7' - 0"	1 3/4"	D-E2	WD	EXTG	EXTG	EXTG	EXTG	WD		65	HISTORIC 230 - FIXED CLOSED
E261B	2' - 6 1/2"	6' - 6 1/2"	1 3/4"	D-E5	WD	EXTG	EXTG	EXTG	EXTG	WD		69A	HISTORIC 231. "CONCEALED" DOOR.
E264	3' - 0"	7' - 0"	1 3/4"	D-E2	WD	EXTG	EXTG	EXTG	F3	WD		39A	HISTORIC 227, HOLD-OPEN FUNCTION, CARD READER, DOOR MONITORING, ADA ACTUATOR
E266	3' - 0"	7' - 0"	1 3/4"	D-E2	WD	EXTG	EXTG	EXTG	F3	WD		38	HISTORIC 229, CARD READER
E270	3' - 0"	7' - 0"	1 3/4"	D-E2	WD	EXTG	EXTG	EXTG	F3	WD		71	HISTORIC 217, UNDERCUT 2"
E314	3' - 0"	7' - 0"	1 3/4"	D-E2	WD	EXTG	EXTG	EXTG	F3	WD		71	HISTORIC 314, UNDERCUT 2"
E327	3' - 0"	7' - 0"	1 3/4"	D-E2	WD	EXTG	EXTG	EXTG	F3	WD		71	HISTORIC 327, UNDERCUT 2"



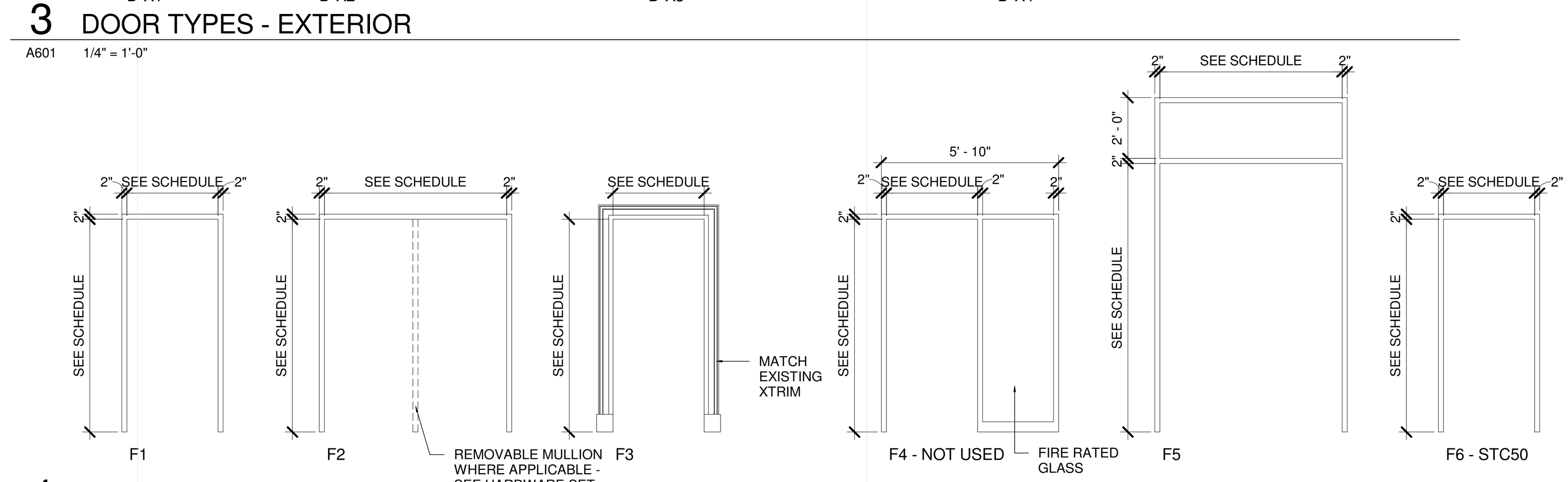
2 DOOR TYPES - EXISTING

A601 1/4" = 1'-0"



3 DOOR TYPES - EXTERIOR

A601 1/4" = 1'-0"



4 DOOR FRAME TYPES

A601 1/4" = 1'-0"

DOOR SCHEDULE GENERAL NOTES

1. COORDINATE DEPTH OF FRAMING AND OVER DOOR WITH HARDWARE REQUIREMENTS, INCLUDING HARDWARE ANCHORING REQUIREMENTS.

2. ALL NEW EXTERIOR DOORS TO BE INSULATED AND THERMALLY-BROKEN, INCLUDING THRESHOLD STRIPS.

3. FOR ALL HM-TYPE DOORS AND FRAMES, REFER TO SPECIFICATION SECTION 081113.

4. FOR ALL STC 50 METAL ACOUSTICAL CONTROL DOOR ASSEMBLIES, REFER TO SPECIFICATION SECTION 083473.13.

5. FOR ALL GLASS DOORS IN EITHER STOREFRONT OR CURTAIN WALL OR RATED GLASS ASSEMBLIES, REFER TO SPECIFICATION RELATED TO GLWS-X TYPE INDICATED ON SCHEDULE, AND PER THE MATERIALS LIST AT SPECIFICATION SECTION 000020.

6. NOTE THAT DOOR HARDWARE SETS ASSOCIATED WITH RATED GLASS WALL ASSEMBLY GLWS-3 ARE INCLUDED WITH THE SPECIFICATION RELATED TO THAT SYSTEM: 084410.

7. FOR DOOR HARDWARE SETS, REFER TO SPECIFICATION SECTION 087100.

8. FOR D-X TYPE DOORS (EXISTING HISTORIC EXTERIOR DOORS REQUIRING REHABILITATION), REFER TO SPECIFICATION SECTION 086210.

9. FOR D-E TYPE DOORS (EXISTING HISTORIC INTERIOR WOOD DOORS), REFER TO SPECIFICATION SECTION 060312.

10. REFER TO T-SERIES DRAWINGS AND DOCUMENTS FOR CARD READER REQUIREMENTS, DETAILS AND GENERAL LOCATIONS.

11. CARD READER LOCATIONS ON T-SERIES DRAWINGS ARE INDICATIVE AND REQUIRE PRECISE LOCATING IN THE FIELD WITH OWNER INPUT AND APPROVAL.

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Madison Municipal Building Renovation

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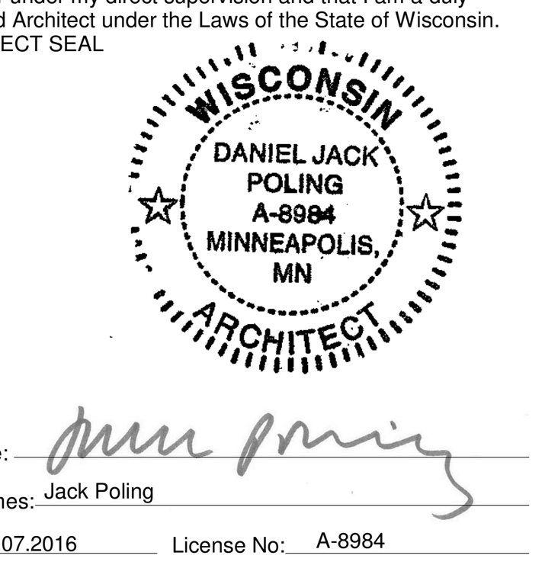


Signature:
Print Names: Jack Poling
Date: 10.07.2016 License No: A-8984

ISSUE

MARK	DATE	DESCRIPTION
1	03.24.2017	BID ISSUE
3	04.14.2017	ADDENDUM 3

PROJECT NO. 2014057

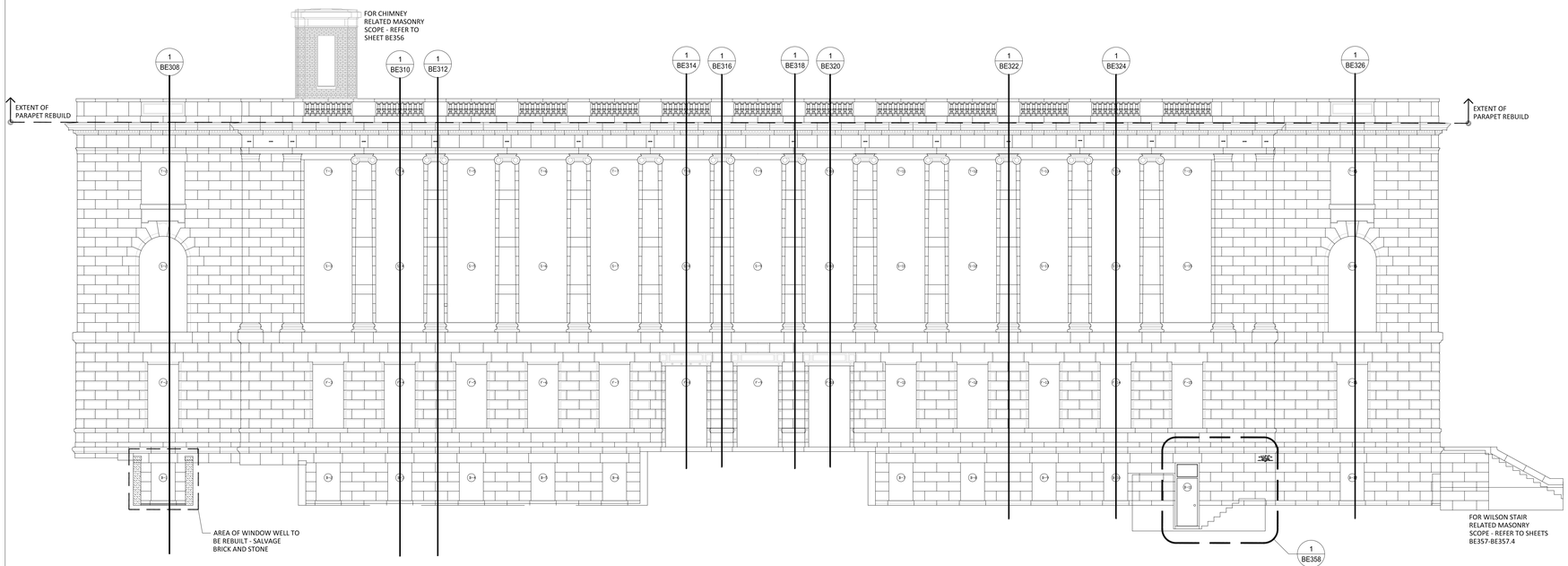
PROJECT PHASE BID ISSUE

DRAWN BY: ES/SK CHECKED BY: SB

DOOR SCHEDULE, TYPES AND DETAILS

EXHIBIT E

A601



1 BE001 SOUTH ELEVATION - MARTIN LUTHER KING JR BLVD.

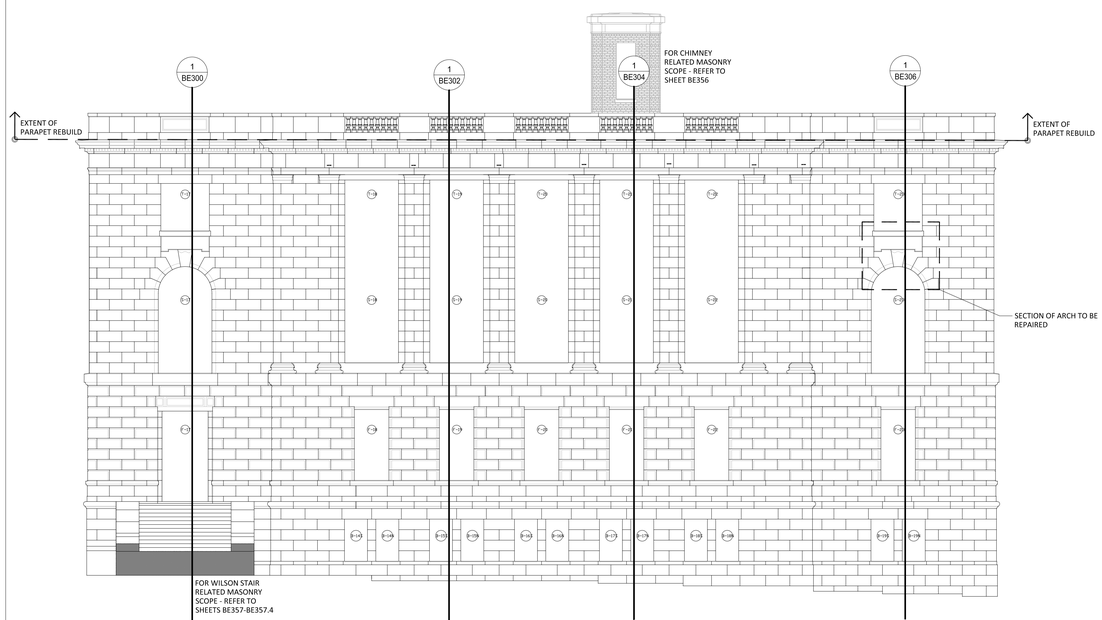
SCALE: 1/8" = 1'-0"

NOTES:

1. NOT ALL WORK INTENDED FOR THIS PROJECT IS INDICATED ON SHEETS BE200-BE223
2. REFER TO ELEVATION SHEETS BE200 TO BE241 FOR ACTUAL STONE REMOVE/RESET LOCATIONS

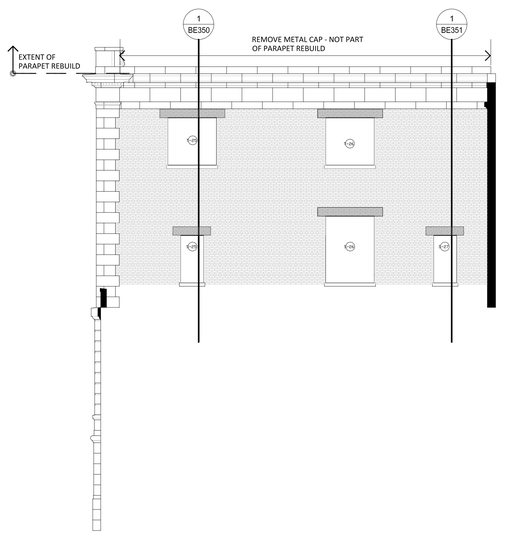
KEY:

LINTELS TO BE RE-BUILT / FLASHED



2 BE001 EAST ELEVATION - WILSON STREET

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



3 BE001 WEST ELEVATION - INNER COURTYARD

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

GENERAL NOTES:

1. GENERAL NOTE REGARDING EXHIBIT G - MASONRY TREATMENT REPORT
   ALL STONE MASONRY REPAIR AND REPLACEMENT SCOPE IS INCLUDED IN EXHIBIT G - MASONRY TREATMENT REPORT. REFER TO THE EXHIBIT FOR A DESCRIPTION OF THE WORK REQUIRED AND THE APPARENT SCOPE. ALL BIDDERS MUST ACCOUNT FOR ALL OF THE SCOPE INCLUDED IN THIS EXHIBIT. ALTERATIONS TO THIS SCOPE WILL BE HANDLED ON A DAILY BASIS FOR THE FIRST TWO WEEKS OF THE PROJECT AT A MINIMUM. AFTER TWO WEEKS OF DAILY REVIEWS, THE OWNER MAY AUTHORIZE THE REDUCTION OF THE REVIEW PERIODS TO WEEKLY. FURTHER REDUCTIONS WILL BE AT THE OWNER'S FULL DISCRETION. ANY DEVIATION FROM THE SCOPE IDENTIFIED IN THESE DOCUMENTS SHALL BE DOCUMENTED ON DAILY REPORTS WITH A FULL ACCOUNTING OF THE IMPACT OF EACH DEVIATION IN TERMS OF CHANGES IN TIME AND/OR COST.
2. GENERAL NOTE REGARDING EXHIBIT G - MASONRY TREATMENT REPORT
   ALL STONE MASONRY REPAIR AND REPLACEMENT SCOPE IS AVAILABLE IN RAW DATABASE FORMAT (MICROSOFT ACCESS). ANY BIDDER WHO WISHES, MAY RECEIVE THE DATABASE AS A COURTESY, BUT THE DATABASE ITSELF SHALL NOT BE RELIED UPON FOR THE PURPOSES OF DEVELOPING BIDS AS THE DATA, IF MISHANDLED, CAN LEAD TO IRREGULAR RESULTS. THE ARCHITECT WILL PROVIDE INDIVIDUAL ASSISTANCE TO ALL BIDDERS WHO WISH TO ACCESS THIS RESOURCE.
3. GENERAL NOTE FOR ALL STONE SCHEDULED FOR REPLACEMENT
   ALL EXISTING STONE THAT IS CURRENTLY SCHEDULED FOR REPLACEMENT MUST BE REMOVED FROM THE WALL IN A MANNER THAT ALLOWS FOR ITS REUSE IN ITS GREATEST DIMENSIONS. MANY EXISTING STONES ARE 8", 12" AND 16" DEEP. THESE STONES CAN BE MILLED AND/OR REDRESSED TO REPLACE OTHER STONES THAT REQUIRE REPLACEMENT. IT IS THE GOAL AND INTENT OF THE OWNER TO RETAIN ALL OF THE ORIGINAL STONE FOR ITS EVENTUAL REUSE.
4. GENERAL NOTE FOR REPAIR OF STONE/BRICK MASONRY THAT IS CURRENTLY COVERED WITH SHEET METAL
   ALL EXISTING STONE THAT IS CURRENTLY COVERED IN SHEET METAL IS SCHEDULED TO BE EXPOSED. UPON REMOVAL OF THE SHEET METAL THE STONE IS TO BE SURVEYED (BY THE MASONRY CONTRACTOR, ARCHITECT AND OWNER) AND ASSESSED FOR FINAL SCOPE VERIFICATION. FOR THE PURPOSES OF THIS BID, INCLUDE 1 (ONE) FASTENER REMOVAL AND SUBSTITUTE STONE PATCH FOR EVERY 12" OF MASONRY LENGTH. THIS WORK WILL INCLUDE, BUT MAY NOT BE LIMITED TO, THE STONE WORK AT THE NORTH FACADES AND INTERIOR COURTYARDS. ADDITIONALLY, CLEANING ALL NEWLY EXPOSED MASONRY.
5. TERMINATION BAR FASTENER REPAIR WITH SUBSTITUTE STONE PATCH
   ALL EXISTING STONE AND BRICK MASONRY THAT IS CURRENTLY PENETRATED WITH FASTENERS AT ROOF MEMBRANE/FLASHING TERMINATIONS ARE SCHEDULED TO BE EXPOSED UPON REMOVAL OF THE SHEET METAL COUNTERFLASHINGS. AFTER THE EXISTING ROOF MEMBRANE AND FLASHING SYSTEM IS REMOVED, THE STONE IS TO BE SURVEYED (BY THE MASONRY CONTRACTOR, ARCHITECT AND OWNER) AND ASSESSED FOR FINAL SCOPE VERIFICATION. FOR THE PURPOSES OF THIS BID, INCLUDE 1 (ONE) SUBSTITUTE STONE PATCH FOR EVERY 12" OF ROOF MEMBRANE/FLASHING LENGTH. THE ROOF MEMBRANE SYSTEM INSTALLER SHALL REMOVE ALL OF THE FASTENERS.
6. IN ADDITION TO SPECIFIC REPAIRS IDENTIFIED IN EXHIBIT G, MISCELLANEOUS PATCHES EXECUTED WITH SUBSTITUTE STONE/BRICK PATCH MATERIAL WILL BE REQUIRED AT ALL WINDOW OPENINGS. IT IS THE INTENT THAT ALL EXPOSED DAMAGED BRICK AND STONE BE REPAIRED AT ALL WINDOW OPENINGS IN BRICK AND STONE. **FOR THE PURPOSES OF THIS BID: 300 CUBIC IN.**
   ALL WINDOWS SCHEDULED FOR REPLACEMENT WILL BE REMOVED, AT WHICH TIME THE EXPOSED MASONRY SURFACES SHALL BE INSPECTED FOR LOCATIONS WHERE DAMAGE WILL BE EXPOSED AFTER THE NEW CONSTRUCTION IS COMPLETE. REFER TO EXHIBIT G - MASONRY TREATMENT REPORT FOR INFORMATION REGARDING CURRENTLY EXPOSED CONDITIONS.
7. ALL PLUG REPAIRS AT LIMESTONE
   ALL REPAIRS IDENTIFIED AS "STONE PLUG" REPAIRS SHALL BE HANDLED AS FOLLOWS: ALL ANOMALIES THAT ARE 1" IN DIAMETER AND SMALLER SHALL BE ADDRESSED USING A CORE DRILLED SUBSTITUTE STONE PATCH FOLLOWING THE MANUFACTURER'S INSTRUCTIONS. ALL ANOMALIES THAT ARE GREATER THAN 1" SHALL BE CORE DRILLED AND FILLED WITH LIMESTONE RECLAIMED FROM ONSITE.
8. REPAIRS AT GRANITE
   ALL REPAIRS TO EXISTING GRANITE AT REMOVED DOOR STOPS, RELOCATED GUARDRAIL AND HANDRAIL SUPPORTS, ETC. SHALL USE SUBSTITUTE STONE PATCH SPECIFICALLY FORMULATED FOR THE GRANITE ONSITE. BIDDERS SHALL INCLUDE A $15,000 ALLOWANCE FOR LABOR/MATERIALS. 3
9. PARAPET DE-STACK
   AS SHOWN ON THE DRAWINGS (COURSES P4, P5, P6 - ALL ELEVATIONS) THE PARAPET IS TO BE CAREFULLY DE-CONSTRUCTED AND REBUILT. THE FOLLOWING ARE MINIMUM REQUIREMENTS THAT ARE ADDITIVE TO THE INFORMATION PROVIDED IN EXHIBIT G:
   CAREFULLY REMOVE ALL EXISTING STONE AND BRICK MASONRY AT THE PARAPETS AS SHOWN ON THE DRAWINGS. NUMBER AND RESERVE ALL STONE ONSITE FOR FUTURE REINSTALLATION.
   ALL BRICK MASONRY AT THE PARAPET SHALL BE NEW.
10. GRINDING DEPTHS
    FOR EXISTING MORTAR JOINTS THAT ARE SCHEDULED FOR REPOINTING. ALL NEWLY LAID AND RE-LAID MASONRY SHALL HAVE RAKED JOINTS SO THAT A SINGLE, FINAL REPOINTING CAN TAKE PLACE OVER THE ENTIRETY OF THE PROJECT. ALL REPOINTING PERSONNEL WILL BE CAREFULLY VETTED BY THE ARCHITECT AND OWNER TO MAKE CERTAIN THAT THERE IS CONTINUITY IN THE FINISH, TEXTURE AND COLOR OF THE RE-POINTED MASONRY. FOR THE PURPOSES OF THIS BID INCLUDE:

    50 LINEAL FEET OF BED JOINT TAMP-POINTED AREAS (AREAS WHERE THE EXISTING MORTAR DOES NOT COMPLETELY FILL THE BED JOINT)
11. BRICK STAINING WILL BE REQUIRED FOR NEW RECLAIMED BRICK (SEE SPECIFICATION) FOR THE PURPOSES OF THIS BID, STAIN 60% OF ALL NEW RECLAIMED BRICK ON ALL FACADES - DO NOT STAIN BRICK AT PARAPETS.
12. ALL MASONRY LINTELS THAT HAVE STEEL COMPONENT WILL REQUIRE FLASHING
    ALL EXISTING BRICK MASONRY LINTELS THAT INCLUDE A STEEL SUBSTRUCTURE (STRUCTURAL LINTEL) ARE SCHEDULED FOR RECONDITIONING. THIS WORK INCLUDES PREPARING THE STEEL FOR NEW CORROSION RESISTANT COATINGS, MEMBRANE FLASHING SYSTEMS WITH BACK DAMS, END DAMS AND SEALED COMPRESSION TERMINATIONS. REFER TO DRAWINGS AND SPECIFICATIONS FOR MORE INFORMATION.
13. NOT USED.
14. SPOT CLEANING OF MISCELLANEOUS CONTAMINANTS SUCH AS (BUT NOT LIMITED TO): ASPHALT, TAR, FERROUS STAINS, EFFLORESCENCE, BIOLOGICAL (LICHEN, MOSS, MOLD, ETC.)
    ALL CONTAMINANTS SHALL BE REMOVED USING THE GENTLEST MEANS POSSIBLE. NO MECHANICAL OR ABRASIVE METHODS WILL BE ALLOWED.
15. DUTCHMAN INSTRUCTIONS
    ALL DUTCHMAN PIECES SHALL BE CUSTOM MEASURED AND MILLED. NO STONE PROFILE CAN BE APPROXIMATED. TAKE PRECISE MEASUREMENTS IN THE FIELD USING A CONTOUR GAUGE OR ALTERNATIVELY, REMOVE THE SUBJECT MATERIAL AND FABRICATE A DUTCHMAN/REPLACEMENT IN A SHOP.
16. AS A MATTER OF COURSE (AS IT RELATES TO MEANS AND METHODS) THERE MAY BE OTHER AREAS THAT REQUIRE THE TEMPORARY REMOVAL OF STONE. THE BIDDER IS EXPECTED TO UNDERSTAND THESE REQUIREMENTS AND INCLUDE ALL SUCH WORK IN THEIR BID.
17. STONE(S) SCHEDULED FOR REMOVAL AND REUSE
    INSPECT ALL STONES REMOVED AND RESERVED FOR REUSE FOR ADDITIONAL DAMAGE AND REPAIRS REQUIRED BEYOND WHAT IS NOTED IN EXHIBIT G. COORDINATE REPAIR OPTIONS WITH ARCHITECT AND OWNER.
18. FACE BRICK PATCHING
    REPLACE BRICK AS REQUIRED TO INFILL AT AREA OF DEMOLISHED ANNEX (PREVIOUS BY SEPARATE CONTRACTOR) INCLUDE 750 S.F. OF 1 WYTHE OF FACE BRICK FOR PATCHING AT DEMOLISHED LOADING DOCK AND OTHER LOCATIONS THROUGHOUT THE BRICK FACED FACADES. THIS IS IN ADDITION TO THE BRICK THAT WILL REQUIRE REPLACEMENT TO RECONDITION EXISTING STEEL LINTELS IN EXISTING BRICK MASONRY OPENINGS. ALL STEEL LINTELS WITH EXPOSURE TO EXTERIOR WILL REQUIRE RECONDITIONING AS DETAILED HEREIN. 3
19. EXISTING SUBSTRATES
    INSPECT AND PREPARE ALL EXISTING SUBSTRATES TO RECEIVE NEW MEMBRANE FLASHINGS (SHEET AND/OR LIQUID) ADHERE TO MANUFACTURER'S SPECIFIC INSTRUCTIONS.
20. HOSE BIBS/HYDRANTS - REFER TO EXHIBIT G
    IT IS THE INTENT OF THIS PROJECT TO USE EXISTING PENETRATION LOCATIONS FOR NEW HOSE BIBS WHEREVER POSSIBLE. 3
21. PROCEDURES:
    TRAINING AND CERTIFICATION: ALL OF THE WORK IDENTIFIED FOR TRAINING IN THE SPECIFICATIONS SHALL BE EXECUTED BY WORKERS THAT HAVE HAD PROJECT-SPECIFIC TRAINING AND CERTIFICATION FOR THAT SPECIFIC WORK. NO WORKERS WILL BE ALLOWED TO PERFORM WORK FOR WHICH THEY HAVE NOT HAD TRAINING AND CERTIFICATION FOR THIS SPECIFIC PROJECT.
22. MISCELLANEOUS PENETRATIONS AND ATTACHMENTS
    COORDINATE ALL OVERFLOW ROOF RAIN LAMBS TONGUES, FIRE DEPARTMENT CONNECTIONS AND ANY OTHER PENETRATIONS OR ATTACHMENTS TO THE HISTORIC FACADE WITH ALL ASSOCIATED TRADES, GENERAL CONTRACTOR, ARCHITECT AND OWNER. 3

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WI 53717

Madison Municipal Building

BPW Project No # 7939
215 Martin Luther King, Jr. Blvd
Madison, WI 53703

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin.
ARCHITECT SEAL

WISCONSIN
DANIEL JACK POLING
A-8984
MINNEAPOLIS, MN
ARCHITECT

Signature:
Print Name: Jack Poling
Date: 10.07.2016 License No: A-8984

ISSUE

MARK	DATE	DESCRIPTION
1	3.24.17	BID SET
2	4.7.17	ADDENDUM 2
3	4.14.17	ADDENDUM 3

PROJECT NO. 2014057

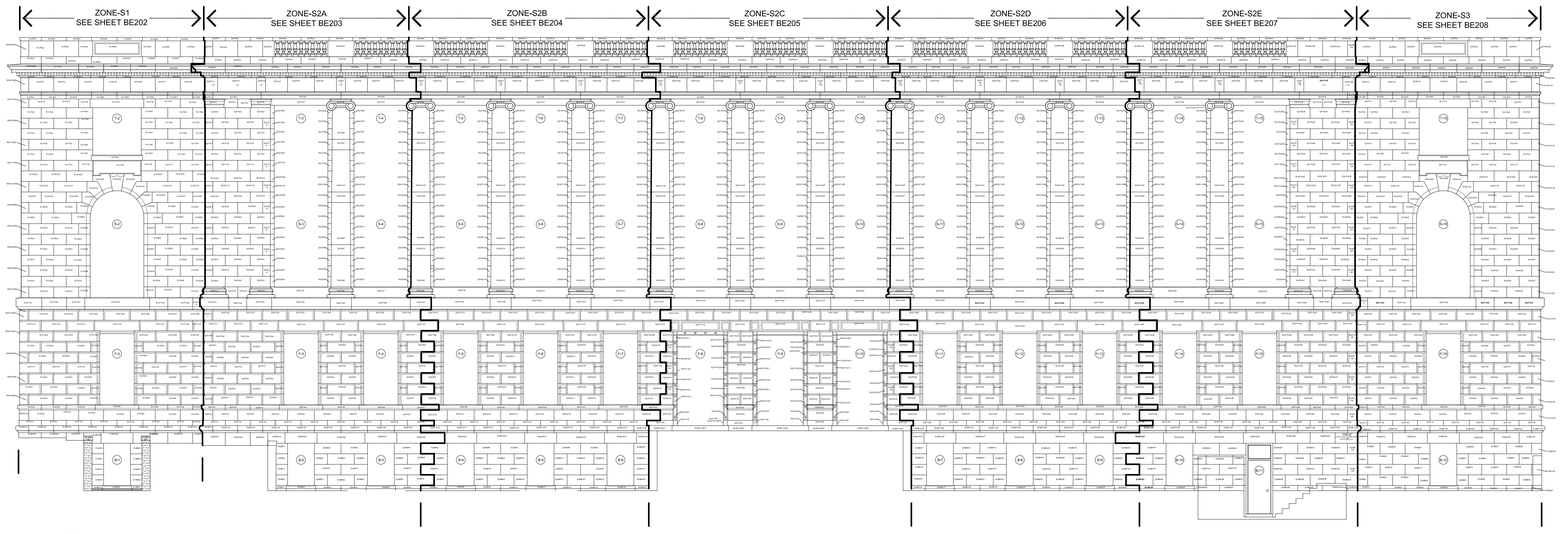
PROJECT PHASE BID SET

DRAWN BY: ZMP/MD CHECKED BY: SMP

MASONRY ELEVATIONS

EXHIBIT F

BE001

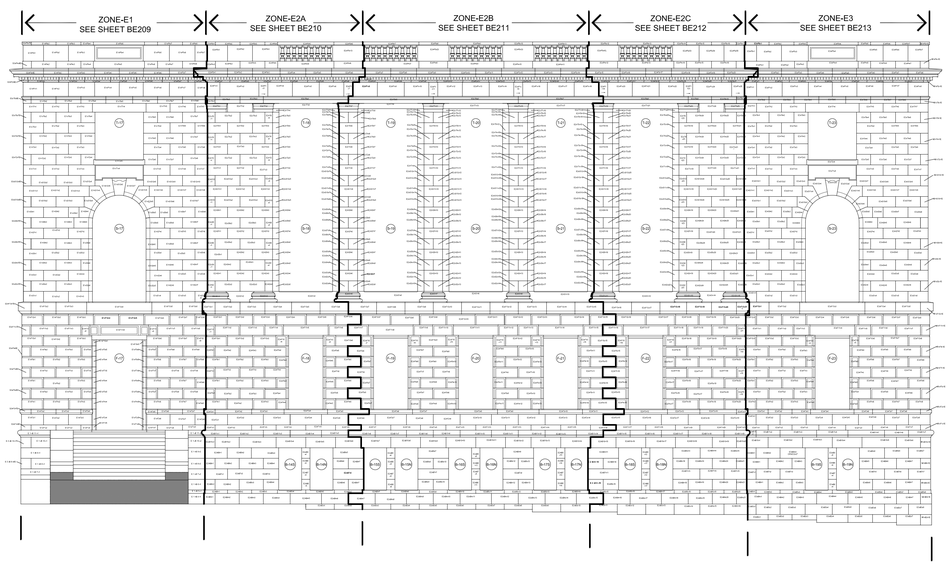


1 BE200 **OVERALL SOUTH ELEVATION**

SCALE: N.T.S.

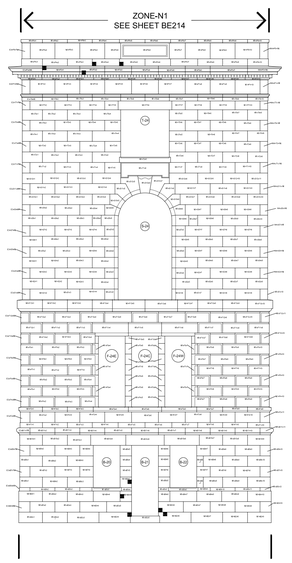
NOTE:
REFER TO SHEETS BE202 TO BE223 FOR FURTHER INFORMATION - STONE SCOPE SHADING IS SHOWN FOR BIDDER/CONTRACTOR CONVENIENCE ONLY REFER TO EXHIBIT "G" FOR INDIVIDUAL STONE WORK SCOPE

3



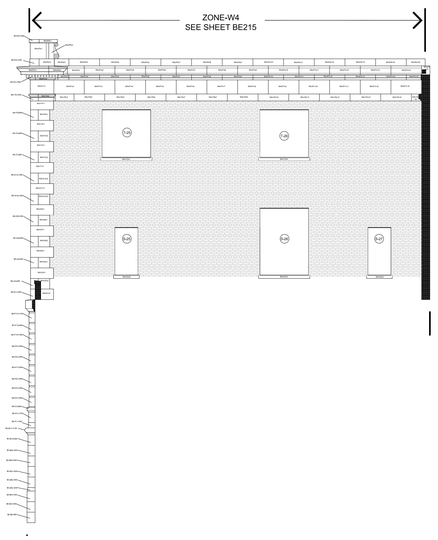
2 BE200 **OVERALL EAST ELEVATION**

SCALE: N.T.S.



3 BE200 **PARTIAL NORTH ELEVATION**

SCALE: N.T.S.



4 BE200 **PARTIAL WEST ELEVATION**

SCALE: N.T.S.

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Date: 10.07.2016 License No: A-8984

ISSUE

MARK	DATE	DESCRIPTION
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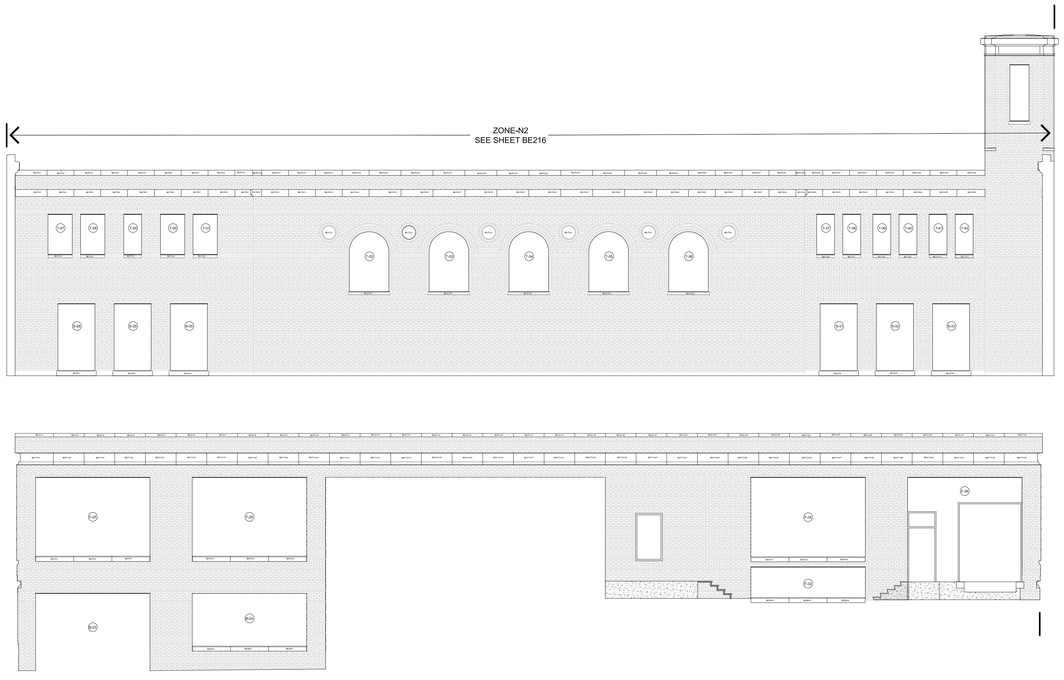
2	4.7.17	ADDENDUM 2
3	4.14.17	ADDENDUM 3

PROJECT NO. 2014057
PROJECT PHASE BID SET
DRAWN BY: ZMP/MD
CHECKED BY: SMP

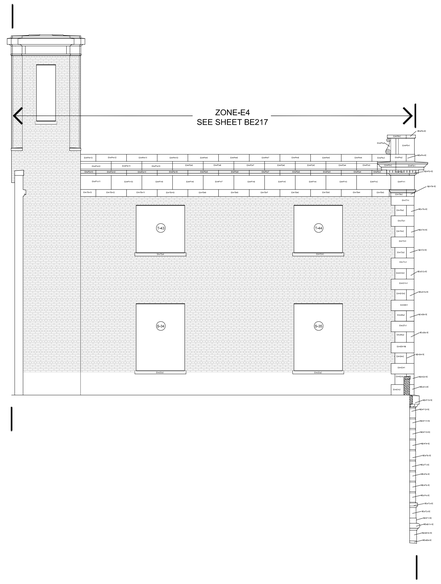
ELEVATION
ZONE KEY

EXHIBIT F

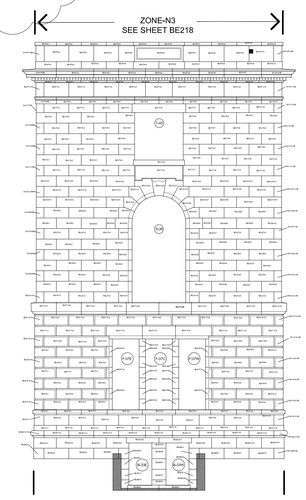
BE200



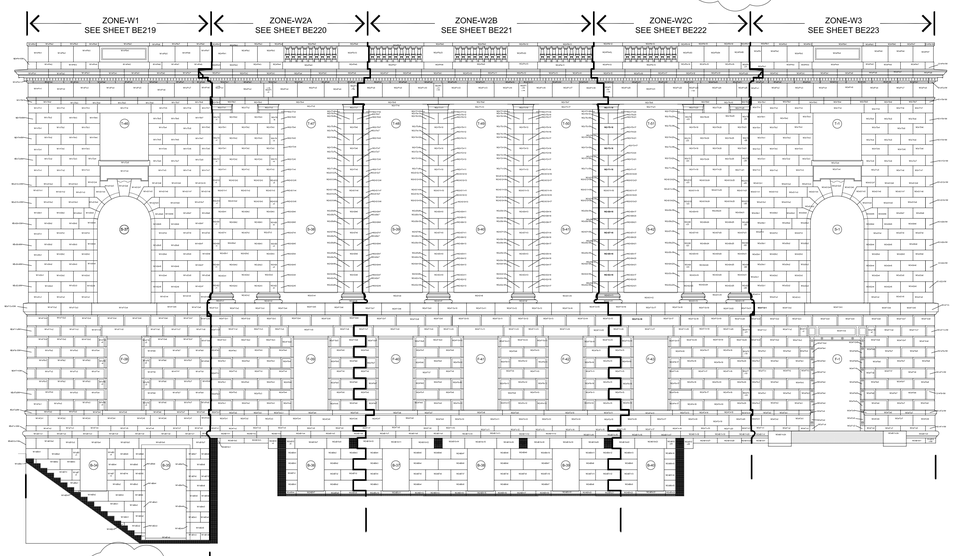
1 BE201 PARTIAL NORTH ELEVATION
SCALE: N.T.S.



1 BE201 PARTIAL EAST ELEVATION
SCALE: N.T.S.



1 BE201 PARTIAL NORTH ELEVATION
SCALE: N.T.S.



1 BE201 OVERALL WEST ELEVATION
SCALE: N.T.S.

NOTE:
REFER TO SHEETS BE202 TO BE223 FOR FURTHER INFORMATION - STONE SCOPE SHADING IS SHOWN FOR BIDDER/CONTRACTOR CONVENIENCE ONLY REFER TO EXHIBIT "G" FOR INDIVIDUAL STONE WORK SCOPE

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WI 53717

Madison Municipal Building

BPW Project No # 7939
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Madison, WI 53703

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin, ARCHITECT SEAL

WISCONSIN
DANIEL JACK POLING
A-8984
MINNEAPOLIS, MN
ARCHITECT

Signature:
Print Names: Jack Poling
Date: 10.07.2016 License Nbr.: A-8984

ISSUE

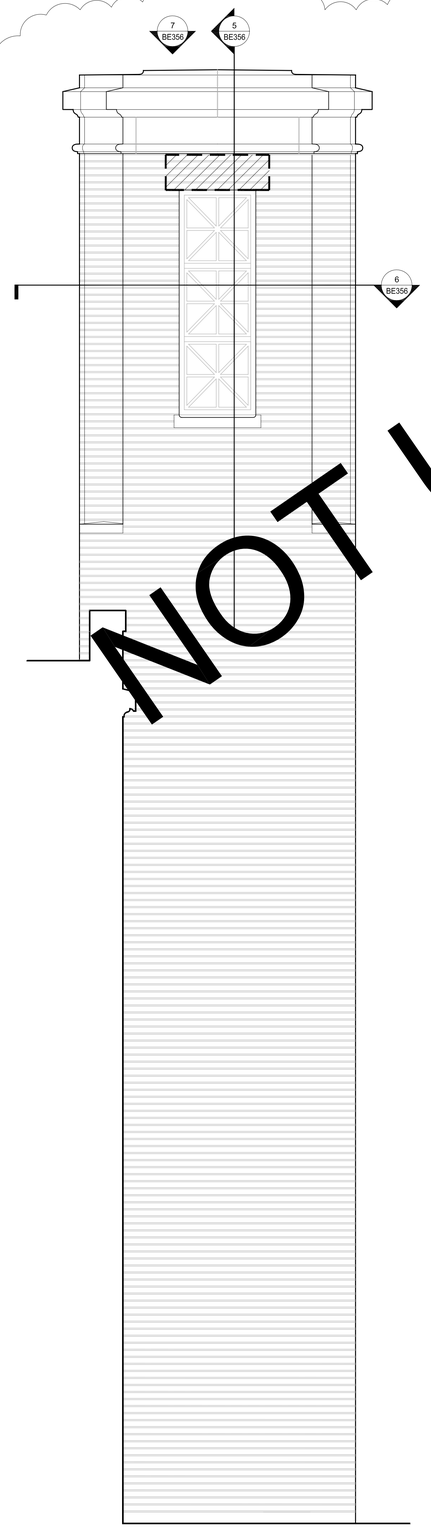
MARK	DATE	DESCRIPTION
1	3.24.17	BID SET
2	4.7.17	ADDENDUM 2
3	4.14.17	ADDENDUM 3

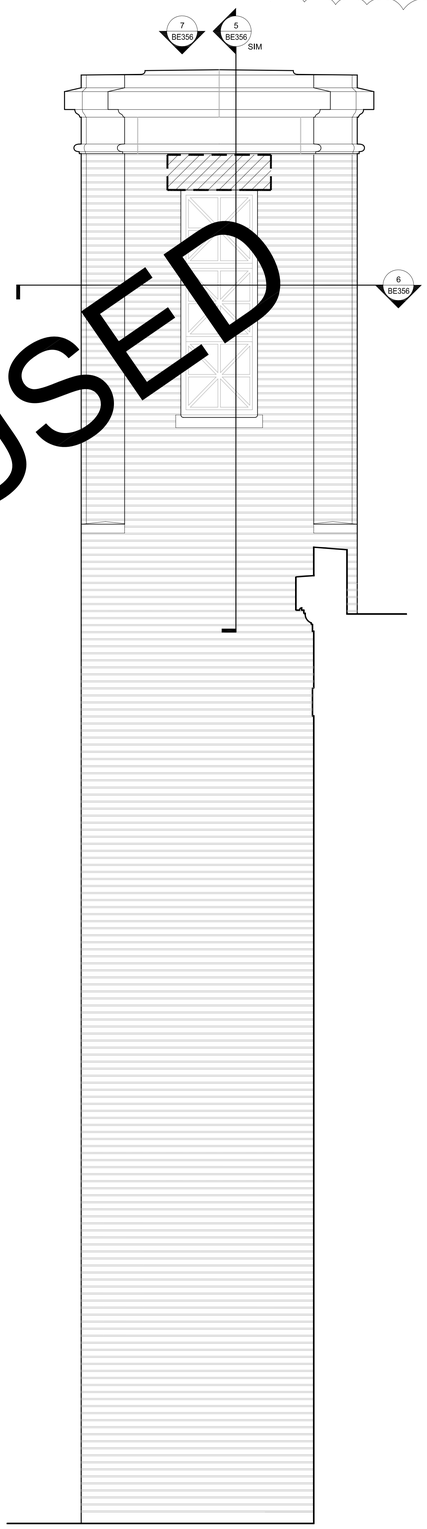
PROJECT NO.
2014057
PROJECT PHASE
BID SET
DRAWN BY: ZMP/MD
CHECKED BY: SMP

ELEVATION ZONE KEY

EXHIBIT F

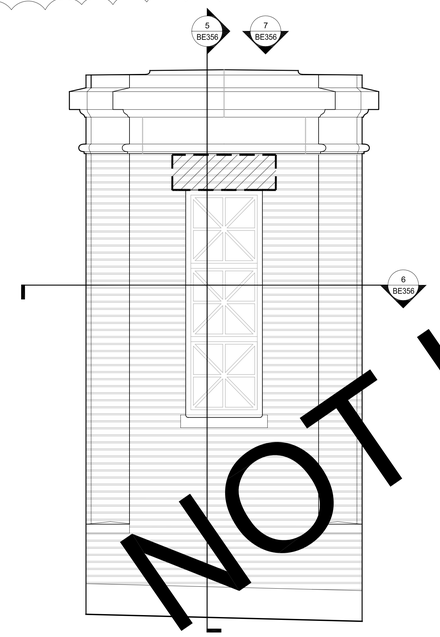
BE201





1 BE 356 EAST ELEVATION CHIMNEY DETAIL
SCALE: 1/2" = 1'-0"

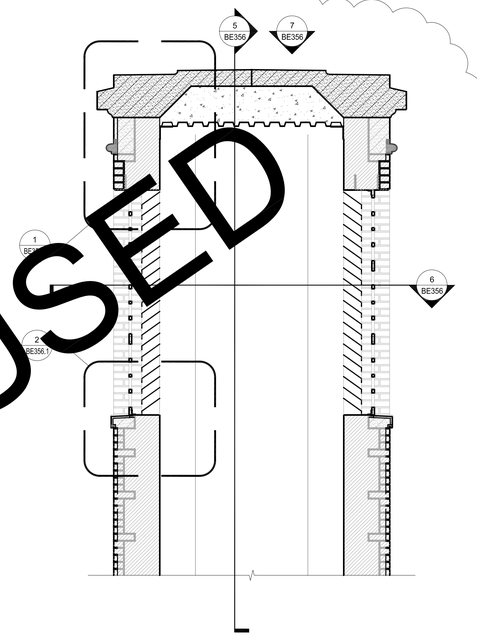
2 BE 356 NORTH ELEVATION CHIMNEY DETAIL
SCALE: 1/2" = 1'-0"



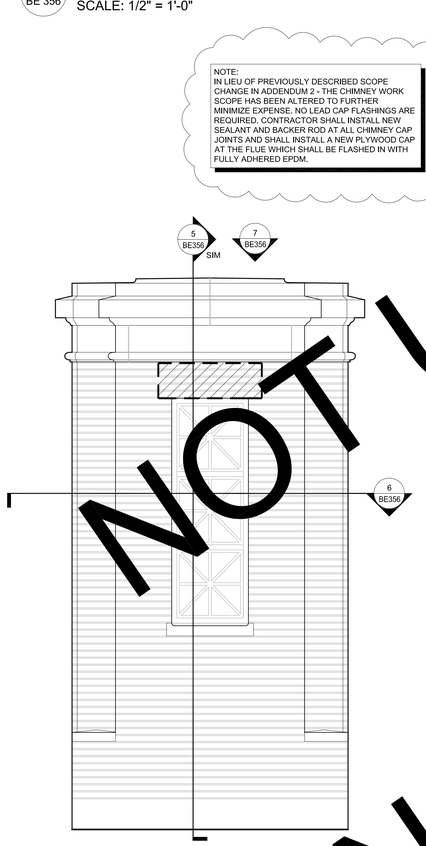
3 BE 356 WEST ELEVATION CHIMNEY DETAIL
SCALE: 1/2" = 1'-0"

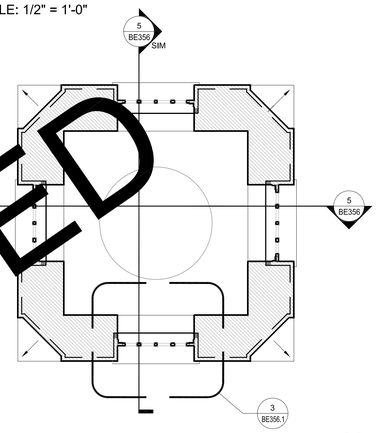
NOTE:
IN LIEU OF PREVIOUSLY DESCRIBED SCOPE CHANGE IN ADDENDUM 2 - THE CHIMNEY WORK SCOPE HAS BEEN ALTERED TO FURTHER MINIMIZE EXPENSE. NO LEAD CAP FLASHINGS ARE REQUIRED. CONTRACTOR SHALL INSTALL NEW SEALANT AND BACKER ROD AT ALL CHIMNEY CAP JOINTS AND SHALL INSTALL A NEW PLYWOOD CAP AT THE FLUE WHICH SHALL BE FLASHED IN WITH FULLY ADHERED EPDM.

3

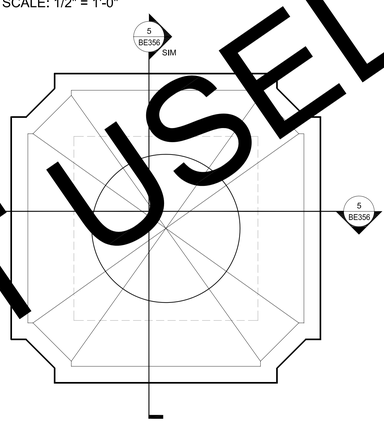


5 BE 356 SECTION THROUGH CHIMNEY DETAIL
SCALE: 1/2" = 1'-0"





6 BE 356 PLAN SECTION THROUGH LOUVERS
SCALE: 1/2" = 1'-0"



4 BE 356 SOUTH ELEVATION CHIMNEY DETAIL
SCALE: 1/2" = 1'-0"

7 BE 356 PLAN OF NEW CHIMNEY CAP
SCALE: 1/2" = 1'-0"

N

2

NOT USED

NOT USED

NOT USED

NOT USED

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MINNEAPOLIS, MN
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Signature:
Print Names: Jack Poling
Date: 10.07.2016 License No: A-8984

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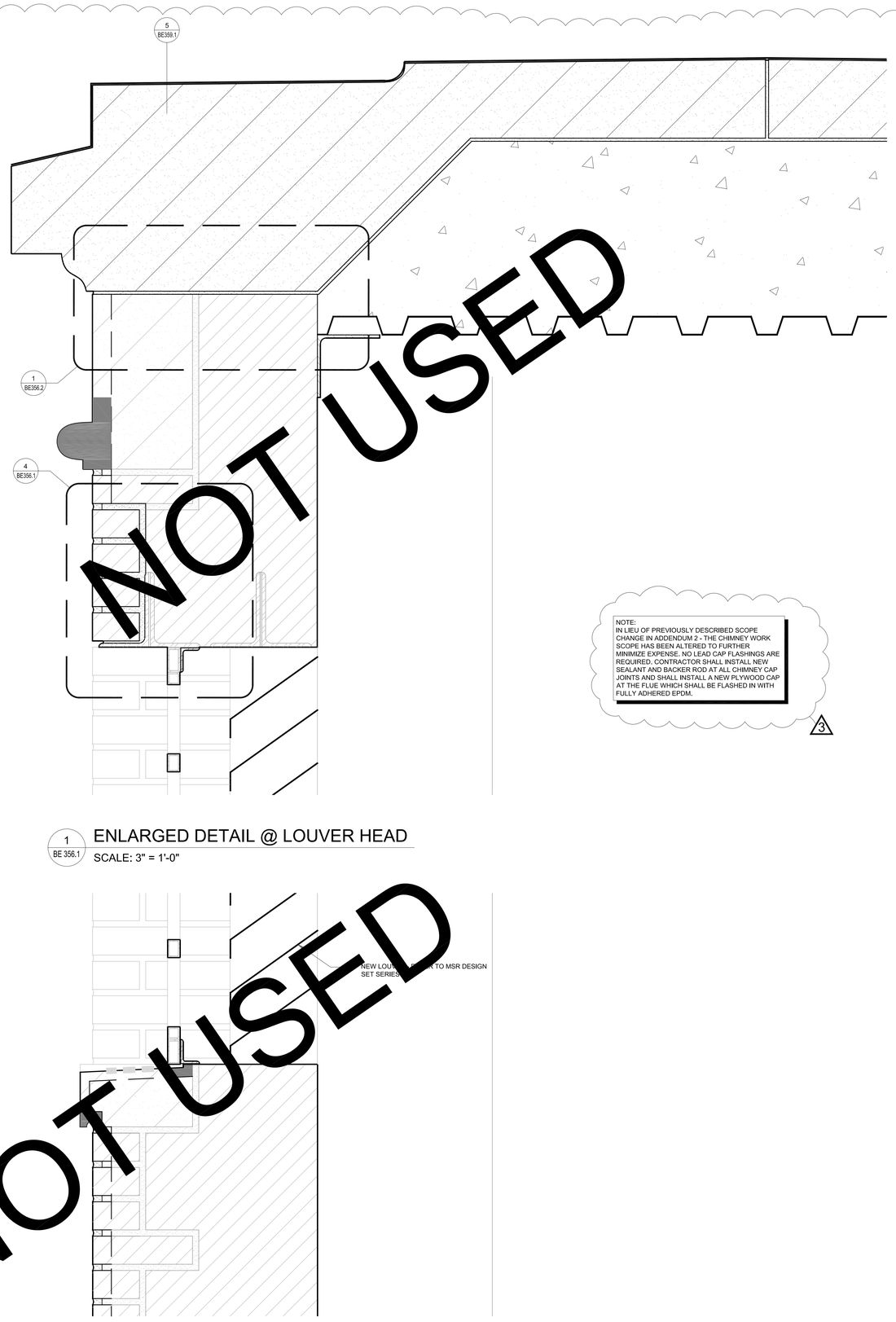
PROJECT NO. 2014057
PROJECT PHASE BID SET
DRAWN BY: ZMP/MD
CHECKED BY: SMP

CHIMNEY DETAILS

EXHIBIT F

BE356



NOT USED

NOTE:
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3

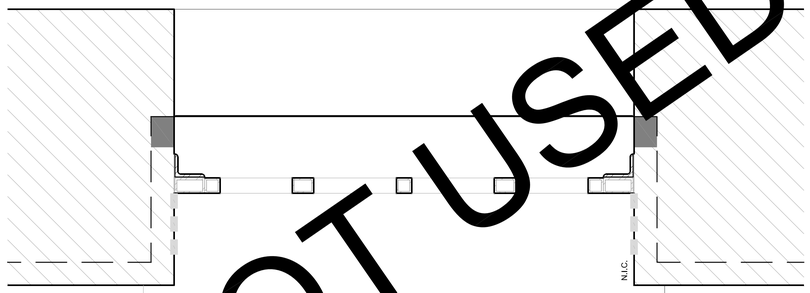
1 BE 356.1 ENLARGED DETAIL @ LOUVER HEAD

SCALE: 3" = 1'-0"

NOT USED

2 BE 356.1 ENLARGED DETAIL @ LOUVER SILL

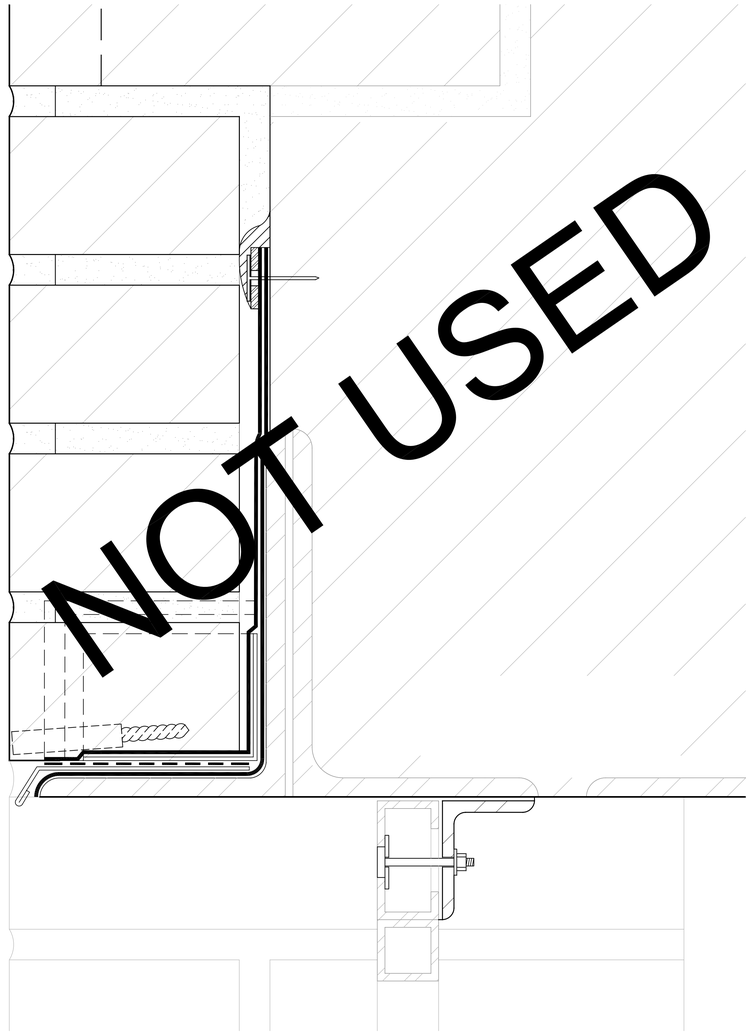
SCALE: 3" = 1'-0"



NOT USED

3 BE 356.1 JAMB DETAIL @ LOUVER

SCALE: 3" = 1'-0"



NOT USED

4 BE 356.1 ENLARGED LINTEL DETAIL @ EXISTING LOUVER HEAD

SCALE: FULL SIZE

2

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PROJECT NO. 2014057
PROJECT PHASE BID SET
DRAWN BY: ZMP/MD CHECKED BY: SMP

CHIMNEY DETAILS

EXHIBIT F

BE356.1