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AERIAL PHOTO

VICINITY MAP

CONSULTANT

CONTACT: Dave Villella
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dvillella@martinmartin.com

OWNER'S REPRESENTATIVE

Andy Madsen - Project Manager
University of Colorado Denver

CONTACT: (303) 880-7569
E-MAIL: andy.madsen@cuanschutz.edu
MEETING REQUIREMENTS

1. THE CONTRACTOR SHALL HAVE A PRECONSTRUCTION MEETING MINIMUM OF ONE WEEK PRIOR TO BARRIER INSTALLATION TO DISCUSS THE MODIFICATIONS.

2. THE CONTRACTOR SHALL PREPARE THE SUBMITTAL PRIOR TO THE MEETING FOR THE MEETING SITE FOR DISCUSSION.

CONTRACTOR QUALIFICATIONS

1. COMPANY REQUIREMENTS:
   A. THE COMPANY SELECTED TO PERFORM THE MODIFICATIONS SHALL HAVE A MINIMUM OF 10 YEARS OF EXPERIENCE WITH SIMILAR PROJECTS.
   B. THE COMPANY DEVELOPED THE WORK AND THE WORKS ACTUALLY PERFORMING THE WORK OF THE CONTRACTOR SHALL HAVE A MINIMUM OF 5 YEARS OF EXPERIENCE WITH SIMILAR PROJECTS.

2. EMPLOYEE REQUIREMENTS:
   A. THE COMPANY SELECTED TO PERFORM THE MODIFICATIONS SHALL HAVE A MINIMUM OF 5 YEARS OF EXPERIENCE WITH SIMILAR PROJECTS.

CONTRACTOR BRIEFING

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2. EMPLOYEE REQUIREMENTS:
   A. THE COMPANY SELECTED TO PERFORM THE MODIFICATIONS SHALL HAVE A MINIMUM OF 5 YEARS OF EXPERIENCE WITH SIMILAR PROJECTS.
A. Preconstruction Compatibility and Adhesion Testing: Submit to joint-sealant manufacturers four samples of sealants that do not comply with performance and other requirements specified in this Section within specified warranty period.

B. Masking Tape: Use masking tape where required to prevent contact of sealant or primer with adjoining surfaces that may be injured by the sealant or primer.

C. INSTALLATION

D. Joint Sealing Tape: Joint sealing tapes that have characteristics of joint-sealant保姆s and joint sealants.:

E. Cleaners for Nonporous Surfaces: Chemical cleaners acceptable to manufacturers of sealants and sealant backing materials that will contact or affect joint sealants.

F. Install sealants using proven techniques that comply with the following and at the same time backings are installed:

G. WARRANTY

H. Ensure proper joint substrates are provided. Noncompliance with other indicated requirements will be considered satisfactory. Remove sealants that fail to adhere to joint substrates during testing or to comply with other requirements. Retest failed applications until successful results are obtained.

I. Joint-sealant application, joint location, and designation.


K. Tooling of Nonsag Sealants: Immediately after sealant application and before skinning or curing begins, tool so as not to interfere with optimum sealant movement capability.

L. Provide concave joint profile per Figure 8A in ASTM C 1193, unless otherwise indicated.

M. Testing Agency Qualifications: Qualified according to ASTM C 1021 to conduct the testing indicated.

N. Special Manufacturer's Warranty: Manufacturer's standard form in which joint-sealant manufacturer agrees to provide products that have undergone testing according to ASTM C 1247. Liquid used for immersion in liquids, provide products that have undergone testing according to ASTM C 1248 and have not stained porous joint substrates indicated for Project.

O. Provide joint sealants that do not stain adjoining surfaces. Provide products that have undergone testing according to ASTM C 1194 and have not disclosed person joint substrates indicated for Project.

P. Sealant Primers for Porous Substrates: 775 g/L. Provide primers for porous substrates that have undergone testing according to ASTM C 1195, Field Test Sealant Joint Hand Pull Tab, and have not stained porous joint substrates indicated for Project.

Q. Joint Priming: Prime joint substrates where recommended by joint-sealant manufacturer or as indicated by engineer.

R. Jointing: Joint substrates may be incorporated into the Work include, but are not limited to, the following:

S. Joint-Sealant Compatibility: Sealants and sealant primers used inside the weatherproofing system shall comply with the following for 0.2% content when calculated according to 40 CFR 30. Subpart D (SPWA Method 24).

T. Provide concave joint profile per Figure 8A in ASTM C 1193, unless otherwise indicated.

U. Surface Drying: Joint. Clean out any joints immediately before installing joint sealants to comply with joint-sealant manufacturer’s written instructions.

V. Thinner Type: Nonflammable, nonconductive material compatible with joint sealants and substrates adjacent to joints.

W. WARRANTY

X. Provide joint sealants that do not comply with performance and other requirements specified in this Section within specified warranty period.

Y. Special Manufacturer's Warranty: Manufacturer's standard form in which joint-sealant manufacturer agrees to provide products that have undergone testing according to ASTM C 1247. Liquid used for immersion in liquids, provide products that have undergone testing according to ASTM C 1248 and have not stained porous joint substrates indicated for Project.

Z. Provide joint sealants that do not stain adjoining surfaces. Provide products that have undergone testing according to ASTM C 1194 and have not disclosed person joint substrates indicated for Project.
A. Field verify existing dimensions prior to fabrication and construction.
B. Coordinate work areas and access with Owner.
C. Contractor to repair resulting damage associated with repairs including landscaping, adjacent walls and roof.

NOTE:
1. FIELD VERIFY EXISTING DIMENSIONS PRIOR TO FABRICATION AND CONSTRUCTION.
2. COORDINATE WORK AREAS AND ACCESS WITH OWNER.
3. CONTRACTOR TO REPAIR RESULTING DAMAGE ASSOCIATED WITH REPAIRS INCLUDING LANDSCAPING, ADJACENT WALLS AND ROOF.
NOTE:
1. FIELD VERIFY EXISTING DIMENSIONS PRIOR TO FABRICATION AND CONSTRUCTION.
2. COORDINATE WORK AREAS AND ACCESS WITH OWNER.
3. CONTRACTOR TO REPAIR RESULTING DAMAGE ASSOCIATED WITH REPAIRS INCLUDING LANDSCAPING, ADJACENT WALLS AND ROOF.

LEVEL EIGHT
193'-4"

LEVEL SEVEN
180'-0"

LEVEL SIX
166'-8"

LEVEL FOUR
140'-0"

LEVEL THREE
126'-8"

LEVEL TWO
113'-4"

LEVEL FIVE
153'-4"

T.O. PARAPET
238'-0"

T.O. PARAPET
230'-2-1/2"

T.O. PARAPET
227'-0"

T.O. PARAPET
214'-4"

T.O. PARAPET
210'-2 1/2"

T.O. PARAPET
223'-9"

ENLARGED ELEVATION

ENLARGED ELEVATION

ENLARGED ELEVATION
TYPICAL AT LEVELS 1-8

TYPICAL AT LEVEL 2-3

TYPICAL AT LEVELS 1-2

TYPICAL AT LEVEL 3-8

TYPICAL AT LEVEL 1-2

TYPICAL AT LEVELS 1-8

TYPICAL AT LEVEL 3-8

TYPICAL AT LEVEL 1-2

NOTE:
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2. COORDINATE WORK AREAS AND ACCESS WITH OWNER.
3. CONTRACTOR TO REPAIR RESULTING DAMAGE ASSOCIATED WITH REPAIRS INCLUDING LANDSCAPING, ADJACENT WALLS AND ROOF.
1. Verify existing dimensions prior to fabrication and construction.
2. Coordinate work areas and access with owner.
3. Contractor to repair resulting damage associated with repairs including landscaping, adjacent walls and roof.
NOTE:
1. FIELD VERIFY EXISTING DIMENSIONS PRIOR TO FABRICATION AND CONSTRUCTION.
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TYPICAL LEVEL 1

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PROJECT NO: A01 2023-075M22
DATE: 5/1/2023 2:28:53 PM
REVISIONS

SHEET TITLE: ACADEMIC 1 - FIX CURTAIN WALL LEAKS
SHEET NUMBER: 5/1/2023 2:28:53 PM

NEW SEALANT

ACM Metal Panels
Support Angle

Martin/Martin, Inc.

Enter Designer's Name Here: Dave Villella
Enter EOR's Name Here: Sam de Paiva

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NO SCALE

TYPICAL CURTAINWALL ELEVATION

AS BUILT-SCREW APPLIED FILLER
**1.** MULLION PLUG PREPARATION

- **Provide a downward slope** with the sealant, without interfering with the edge of the glass, to allow for drainage of condensation.
- **Seal the horizontal pressure plate, with one side **being sealed, to be flush with the horizontal surface.

**2.** PRESSURE PLATE SCREWS

- **Replace with new permanent gasket seal.**
- **Gasket race way 2" in each direction at corner.**
- **Seal the gasket race 2" in each direction at all corners** with sealant (mining twice that all fastener heads are sealed).

**3.** GLAZING GASKETS

- **Seal the vertical and horizontal gaskets with silicone type sealant at all corners.**
- **Seal the edge of perforation.**
- **Gasket to be covered with an interior sealant, closed end, and sealant is required at the interior of the system.**
- **corner sealant at race way and gasket is optional.**

**4.** MULLION PLUG PREPARATION

- **Apply sealant to the face of the joint plug prior to installation of the pressure plate.**
- **Prior to installing the pressure plate, seal all three sides of the pocket, making sure all cavities are filled.**

**5.** ELEVATION OF JOINERY PRIOR TO SETTING THE GLASS

- **Clean and dry surface prior to setting.**
- **Seal the gasket race 2" in each direction at all corners with sealant.**
- **Apply sealant to the face of the joint plug prior to installation of the pressure plate.**

**6.** CORNER GLAZING PREPARATION

- **Apply sealant to the face of the joint plug prior to installation of the pressure plate.**
- **Prior to installing the pressure plate, seal all three sides of the pocket, making sure all cavities are filled.**

**7.** MULLION INTERSECTION

- **Apply sealant to the face of the joint plug prior to installation of the pressure plate.**
- **Prior to installing the pressure plate, seal all three sides of the pocket, making sure all cavities are filled.**

**8.** PRESSURE PLATE

- **Seal the horizontal pressure plate, with one side being sealed, to be flush with the horizontal surface.**
- **Install first runs thru vertical gasket.**
- **Visit gasket once two install first.**

**9.** PRESSURE PLATE ATTACHMENT

- **Seal joint with silicone sealant per manufacturer's instructions.**
- **Keep slots clean.**
- **Install first runs thru vertical gasket.**

**10.** CURTAIN WALL TO BRICK

- **New silicone sealant and backing rod.**
- **Fire stopping, jam.**
- **Composite metal panel.**
- **Curtain wall, t. p.**
- **Horizontal fin.**

**11.** ACM PANEL AT FLOOR LINE

- **New silicone sealant around ACM panel.**
- **Sealant around ACM panel.**
- **Seal the ACM panel at floor line.**
- **Seal the edge of ACM panel.**

**12.** NO SCALE

- **No scale**
- **No scale**
- **No scale**
- **No scale**
- **No scale**
- **No scale**