ADDENDUM
NO. 1

August 28, 2020

New Buffalo Twp. Public Safety Building
18959 Highway US 12
New Buffalo, MI 49117

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated August 10, 2020, by Brooks Architectural, Inc. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 through ADD 1-4, dated August 28, 2020, and Brooks Architectural Addendum No. 1, dated August 27, 2020, consisting of 3 pages, and attached revised Specification Sections 10431, 10720, Concrete Apron Detail, Soil Investigation Report, New Brick Storefront, Flanged Window Head detail, and revised drawing sheets A-15 and P-1.

A. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

3.02 b. Add the following:

1. Additional items to those shown on the drawings provided by the Owner include: Squad Room #145 work surfaces and supports; evidence, gear room and locker room lockers; Radio Room #110a work surfaces and supports; Meeting Room #102 refrigerator and range; Laundry Room #127 washer, dryer, extractor; and Tank Fill Room #117 air tank fill and air compressor.

Under Article 3.03 Bid Categories, make the following adjustments:

1. BID CATEGORY NO. 1 – Sitework and Utilities

1. Delete the following Specification Section:

   01 53 10 Fences (Temporary Security)

2. BID CATEGORY NO. 2 – General Trades

1. Add the following Specification Sections:

   01 53 10 - Fences (Temporary Security)

2. Revise the following Clarification to read:

   16. The **Bid Category No. 2 Contractor** is responsible for all building insulation, including draftstops, and Sound-Attenuation Blankets specified in Specification Section 09 62 0. The **Bid Category No. 9 Contractor** is responsible for all plumbing and mechanical systems insulation.

3. Revise the following Clarification to read:

   21. The **Bid Category No. 2 Contractor** shall provide the 2-hour wall assembly and access door in the attic space in its entirety.

4. Add the following Clarification:

   25. The **Bid Category No. 2 Contractor** shall provide the pipe bollard sleeves shown on the Bumper Post Detail for all pipe bollards.

5. Add the following Clarification:

   26. The **Bid Category No. 2 Contractor** shall provide all exterior wall work associated with the veneer system, including but not limited to stud wall, insulation system, Densglass sheathing, insulation, and veneer or siding. The **Bid Category No. 5 Contractor** is to furnish the interior drywall.

3. BID CATEGORY NO. 4 – Overhead Doors

1. Add the following Clarification:

   9. Clopay energy series with intellicore, Clopay architectural series, and Cornell Thermiser Door are acceptable manufacturers to bid Specification 08734 as applicable.

4. BID CATEGORY NO. 5 – Drywall & Acoustical Ceilings

1. Add the following Clarification:

   11. The **Bid Category No. 2 Contractor** is responsible for all building insulation, including draft stops, and Sound-Attenuation Blankets specified in Specification Section 09 62 0. The **Bid Category No. 9 Contractor** is responsible for all

plumbing and mechanical systems insulation.

2. Add the following Clarification:

12. The **Bid Category No. 2 Contractor** shall provide all exterior wall work associated with the veneer system, including but not limited to stud wall, insulation system, DensGlass sheathing, insulation, and veneer or siding. The **Bid Category No. 5 Contractor** is to furnish the interior drywall.

5. BID CATEGORY NO. 8 – Paint

1. Delete the following Clarification:

13. Delete in its entirety. The red sleeve post cover is by the **Bid Category No. 2 Contractor**.

6. BID CATEGORY NO. 9 – Plumbing, Mechanical & Controls

1. Add the following Specification Sections:

02 30 0 - Earthwork (as applicable).

2. Add the following Clarification:

18. Excavation and backfill required for the **Bid Category No. 9 Contractor** work is the responsibility of the **Bid Category No. 9 Contractor**. Contractor shall arrange for removal of excess materials as a result of their work from the site.

7. BID CATEGORY NO. 10 - Electrical

1. Add the following Specification Sections:

02 30 0 - Earthwork (as applicable).

2. Add the following Clarification:

16. Excavation and backfill required for the **Bid Category No. 10 Contractor** work is the responsibility of the **Bid Category No. 10 Contractor**. Contractor shall arrange for removal of excess materials as a result of their work from the site.

B. SPECIFICATION SECTION 01 21 00 – ALLOWANCES

Replace Paragraph 3.01 with:

3.01 PRODUCT ALLOWANCE

A. **Bid Category No. 2 – General Trades**:

a. Yard Sign: $5,000.00 Furnished and Install Complete.

b. Flagpoles: $5,000.00 Furnished and Install Complete.

c. Road Indicator Signage: $1,000.00 Furnished and Install Complete.

d. Hose Reel: $300.00 Furnished and Install Complete.

B. **Bid Category No. 6 – Tile**: Ceramic Tile: $8.00 per square foot for tile only, taxed and delivered. Include as part of the base bid all other materials required and installation.

C. **Bid Category No. 7 – Carpet**: Carpet Tile: $15.00 per square yard for carpet tile only, taxed and delivered. Include as part of the base bid all other materials required and installation.

BROOKS
ARCHITECTURAL

5844 Red Arrow Hwy.
Stevensville, MI 49127
Phone (269) 429-7000
Fax (269) 429-7888
www.brooksarch.com

August 27, 2020

TO: Bidding Contractors

RE: New Buffalo Township Public Safety Building, 18959 US 12, New Buffalo, Michigan 49117

ADDENDUM NO. 1

This addendum is issued by the Architect to all known individuals, firms or corporations who have obtained or received bidding documents and contract documents for the above listed project or have forwarded questions or request for substitutions. This addendum is hereby made a portion of the bidding documents or contract documents, as appropriate. It is issued for the purpose of amplifying, clarifying or correcting originally issued bid documents. Text highlighted in yellow refer to attachments to this addendum. Bidders are required to acknowledge receipt of their addendum in appropriate space on the bid form.

1. Acceptable alternate manufacturers & products
    a. Dormakaba door closer by Stanley Commercial Hardware D-4450 – Section 08710
    b. Everlast Metals SSL-175 metal roofing – Section 07411
    c. UniClad UC-14 – Section 07411
    d. Armstrong acoustical grid ceiling systems – Section 09512
    e. Kohler generator/ATS.
    f. Record power actuated doors – Section 08412
    g. Terrazzo & Marble Urethane Concrete Industrial resinous flooring with a polyaspartic top coat – Section 09672
2. NOT accepted alternate manufacturers & products
    a. Dormakaba Best 9k3 cylindrical locks – Section 08710
3. Draft stopping and 2 hour access panels are delineated on the revised sheet A-15. Revised specifications for the access panels are on the attached specification 10720 Access Doors 8.21.20. This revised Sheet A-15 also indicates the corrected wood versus CFS truss in the area north of the Fire Garage bays.
4. There is no requirement for fire wall separation between the Police Garage and Offices. Also there will be no fire rating required for these doors or the Armory doors.
5. The Velux Sun Tunnels are indicated on the Roof Plan sheet A-14 and there are 4 total.
6. Aluminum gutters shall be .032 painted aluminum K style 6” commercial and the downspouts

shall be painted aluminum 4” x 5” in .024 aluminum.

7. Signage shall be per the revised specification 10431 Signage 8.25.20.
8. The footing depth of 5’-0” below finished floor is correct. Hand borings per the attached were taken in March of this year.
9. New Brick – Color to be Riverbank -900BST with iron cut texture and no effects. Details for the head, jamb and sills on the window shall be per the attached detail “New Brick sill and jamb” and “New Brick head detail”
10. Concrete stoops – Other than the sidewalks leading to Doors 1, 24 & 25, them there is an 11’ x 12’ stoop/pad at Doors 50 & 51 and an 8’ deep stop/pad in front of Doors 26-31 and 44-47. The area in front of Doors 40-42 is part of the concrete drive in that area. These stoops to be 6” thick with a 24” turn down edge per the attached 2-Concrete Apron Detail. The stoops and sidewalks are to be doweled to the building foundation per the note on Sheet A-2.
11. The shower floors are indicated to be poured separately on Sheet A-1. Set these floors 2” below finish floor for a 2” mud-set tile floor.
12. The acoustical grid ceiling tile in specification 09512 should read USG #86985 for a 9/16” grid system in lieu of the USG #86785.
13. The areas under the heated floor slabs have 2 layers of 2” high density foam insulation with the joints staggered and the top layer taped. The foam insulation shall be Dow Corning Foamular 600 XPS Extruded Polystyrene or equal.
14. All showers shall have 24” and 36” grab bars, Bobrick B-6806 or equal as well as a Bobrick B-5191 folding seat, all as indicated and located on Sheet A-8.
15. All metal lockers and gear lockers are by the owner. For reference the evidence lockers are Tiffin 3AA and 6AA side by side with a 4” base included. The lockers in all locker rooms will be Tennsco 18” x 21”d x 72” high single tier with legs. Gear lockers will be Geargrid wall mounted 24” x 24” x 72”. One horizontal 2 x 10 wood blocking line will be required at an elevation to be determined on the two walls of the Fire Department gear lockers.
16. Details for the radiant floor heat system can be found on sheet M-3.
17. Painting
    a. The windows are aluminum clad exterior with a factory finish paint on the inside.
    b. There is no requirement for field painting the Stucco.
    c. Boral or equal trim to be factory primed and filed painted.
    d. There is a 5/4” x 5-1/2” Boral or equal trim at the top of the siding walls at the juncture with the soffit. This item will require field painting.
    e. Bollards are not to be field painted but have a vinyl colored sleeve per the detail on the drawings.
    f. The mezzanine wood floors are not required to be painted.
18. Mechanical
    a. There is no requirements for a BMS system for boiler B-1
    b. Sheet P-1 has been revised and attached to indicate 3 - ½” water connections with ball valves at the ceiling of Fire Department Garage 115.
    c. This same revised sheet P-1 indicates the air piping required from the owner supplied air compressor to four locations. The owner supplied air compressor will be an Ingersoll Rand Type 30, 7.5 HP, 80 gallon two-stage (208V/3pahse fully packaged unit which will require electrical connection with a disconnect device.
19. Electrical
    a. There is no requirement for a fire alarm system in the project.

b. There is no requirement for any concrete encased underground conduit for the electrical service from AEP pole to the transformer or from the transformer to the building.
c. If the manufacturer of the standby generator cannot meet the electrical requirements with a natural gas unit, please have them bid the next size up that is powered by natural gas. We do not want a diesel powered generator.

END OF ADDENDUM NO. 1

SECTION 10431 - SIGNAGE

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. Submittals: Product Data, Shop Drawings, and Samples.

1. Submit full-size rubbings for metal plaques.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Cast Acrylic Sheet: Clear, translucent, or opaque as indicated.

B. Plastic Laminate: High-pressure laminate engraving stock with face and core in contrasting colors.

C. Aluminum Sheet: ASTM B 209 (ASTM B 209M), alloy and temper recommended by aluminum producer and finisher, with not less than the strength and durability of 5005-H15.

D. Aluminum Extrusions: ASTM B 221 (ASTM B 221M), alloy and temper recommended by aluminum producer and finisher, with not less than the strength and durability properties of 6063-T5.

E. Aluminum Castings: Alloy recommended by sign manufacturer for casting process used and for use and finish indicated.

F. Bronze Plate: ASTM B 36/B 36M, alloy UNS No. C28000 (muntz metal).

G. Bronze Castings: ASTM B 584, Alloy UNS C83600 (No. 1 manganese bronze).

H. Stainless-Steel: ASTM A 666, Type 304.

I. Vinyl Film: Opaque nonreflective vinyl film, 0.0035-inch minimum thickness, with pressure-sensitive adhesive backing, suitable for exterior as well as interior applications.

2.2 SIGNS

A. Panel Signs: Engraved plastic laminate with square-cut edges and square corners.

1. Provide barrier free toilet signs with sex at all toilet rooms.

2. Barrier fee parking signs on poles or building structure as indicated.

B. Framed Panel Signs: Extruded-aluminum frames with translucent acrylic panels and matte-finished opaque acrylic characters engraved in the faces of panels.

1. Provide signs for all rooms mounted on the room door. Signs shall be 3” high x 12” long with a removable engraved laminated sign in a metal back frame secured to the door. Architect shall provide a listing of door sign names.

C. Exterior dimensional Letters and Numbers: Cast- or formed-acrylic sheet characters in Helvetica font, size to be 18” high for lettering that reads “New Buffalo Township Fire Department” and 10” high for lettering that reads ”Station #2”. Install using stud mounting anchors with 1” stand off. Install as per manufacturers recommendations. The above lettering located above fire department overhead doors on west side of building.

PART 3 - EXECUTION

A. INSTALLATION

1. Locate signs where indicated or directed by Architect. Install signs level, plumb, and at heights indicated, with sign surfaces free from distortion and other defects in appearance.

END OF SECTION 10431

SECTION 10720 – ACCESS DOORS

PART 1 – GENERAL

1.1.1 SECTION REQUIREMENTS

A. Submittals: Product Data and Shop Drawings.

PART 2 – PRODUCTS

2.1.1 HORIZONTAL ACCESS DOORS

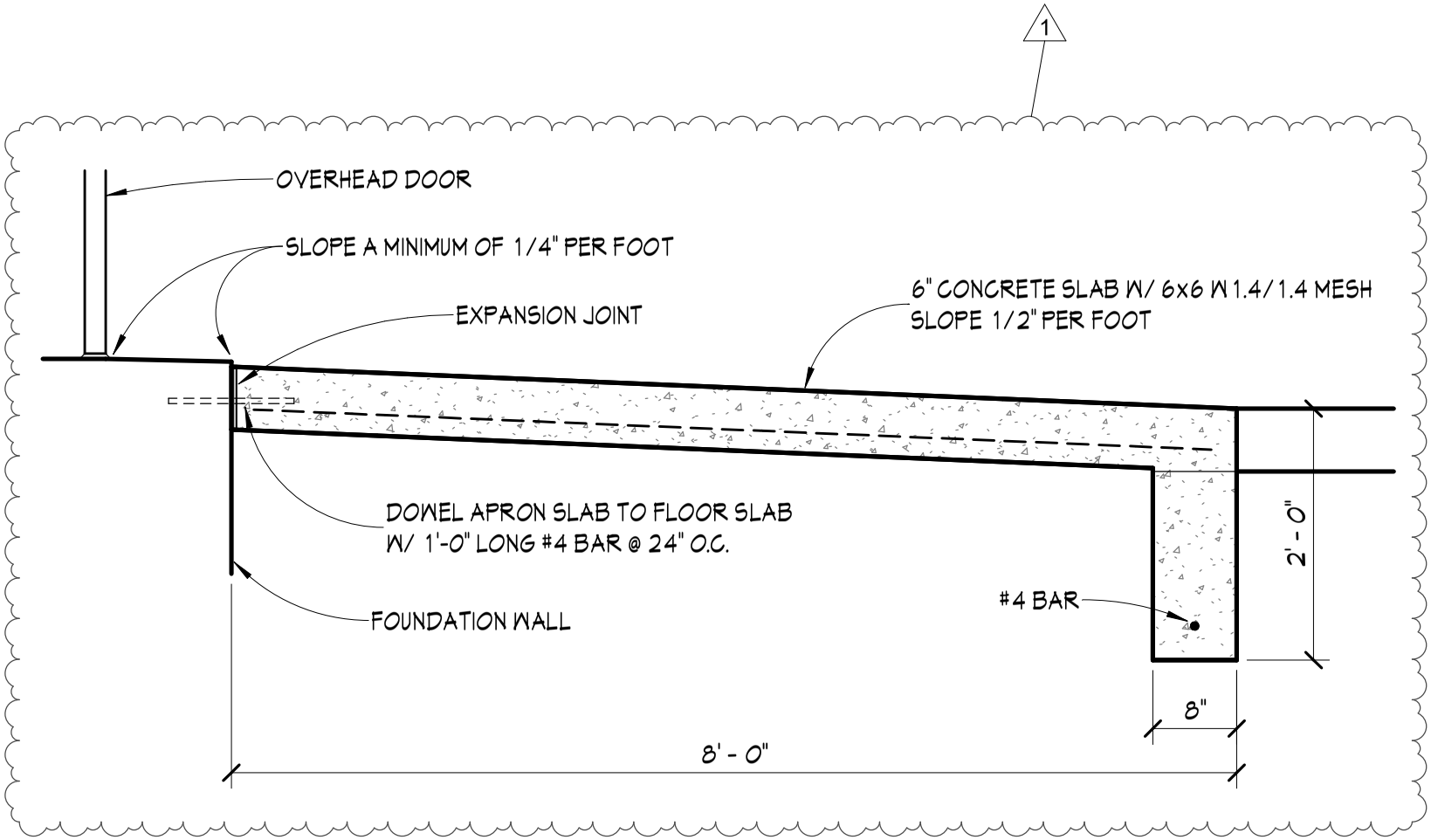
A. Interior: Provide “Acudor” FB-5060, 24” x 24”, fire rated, 2 hours, for uninsulated walls, flush door in wall where indicated on the drawings.

PART 3 – EXECUTION

3.1.1 INSTALLATION

A. Installation: Unless otherwise indicated, install hatches in accordance with manufacturer’s recommendation.

END OF SECTION 10720



CONCRETE APRON DETAIL

3/4" = 1'-0"

NOTE:
THIS DETAIL IS TYPICAL FOR ALL CONCRETE APRONS IN FRONT OF OVERHEAD DOORS

1 ADDENDUM #1 8/27/20

5844 RED ARROW HIGHWAY
STEVENSVILLE, MICHIGAN 49127
Phone: (269) 429-7000
Fax: (269) 429-7888
Email: info@brooksarch.com
© BROOKS ARCHITECTURAL INC. 2020

BROOKS ARCHITECTURAL

CONCRETE APRON DETAIL
Construction Drawings For:
NEW BUFFALO TWP. PUBLIC SAFETY BUILDING
18959 Highway US 12, New Buffalo, Michigan 49117

DRAWN BY: BH
APPROVED BY: CB
REVISIONS

PROJECT: 19-054
DATE: 08/27/20

SHEET
2
OF 46

SOIL INVESTIGATION REPORT

PROJECT NAME New Buffalo Township Fire Station No. 2 PROJECT NUMBER 20-006

TEST HOLE LOCATION Approximate location of proposed police offices

SECTION OF PROJECT Proposed Building

TEST EQUIPMENT:

HAND AUGER X BACKHOE ____ OTHER (LIST) _____

SOILS OBSERVED: (DESCRIPTION AND DEPTH, NOTE WATER TABLE IF ENCOUNTERED)

Topsoil -	Approx. 4 inches
Granular Brown Sand –	5 feet
	Soil damp at bottom of hole

TEST OBSERVED BY: JHP and SW

FOR: Merritt Midwest, Inc.
4568 Red Arrow Highway
Stevensville, MI 49127
Tele: (269) 428-4424
Fax: (269) 428-9078

OTHERS ON SITE:

SKETCH AND NOTES:

SOIL INVESTIGATION REPORT

PROJECT NAME New Buffalo Township Fire Station No. 2 PROJECT NUMBER 20-006

TEST HOLE LOCATION Approximate location of proposed fire truck bays

SECTION OF PROJECT Proposed Building

TEST EQUIPMENT:

HAND AUGER X BACKHOE ____ OTHER (LIST) _____

SOILS OBSERVED: (DESCRIPTION AND DEPTH, NOTE WATER TABLE IF ENCOUNTERED)

Topsoil-	3-4 inches
Granular Brown Sand –	5 feet
	Soil damp at bottom of hole

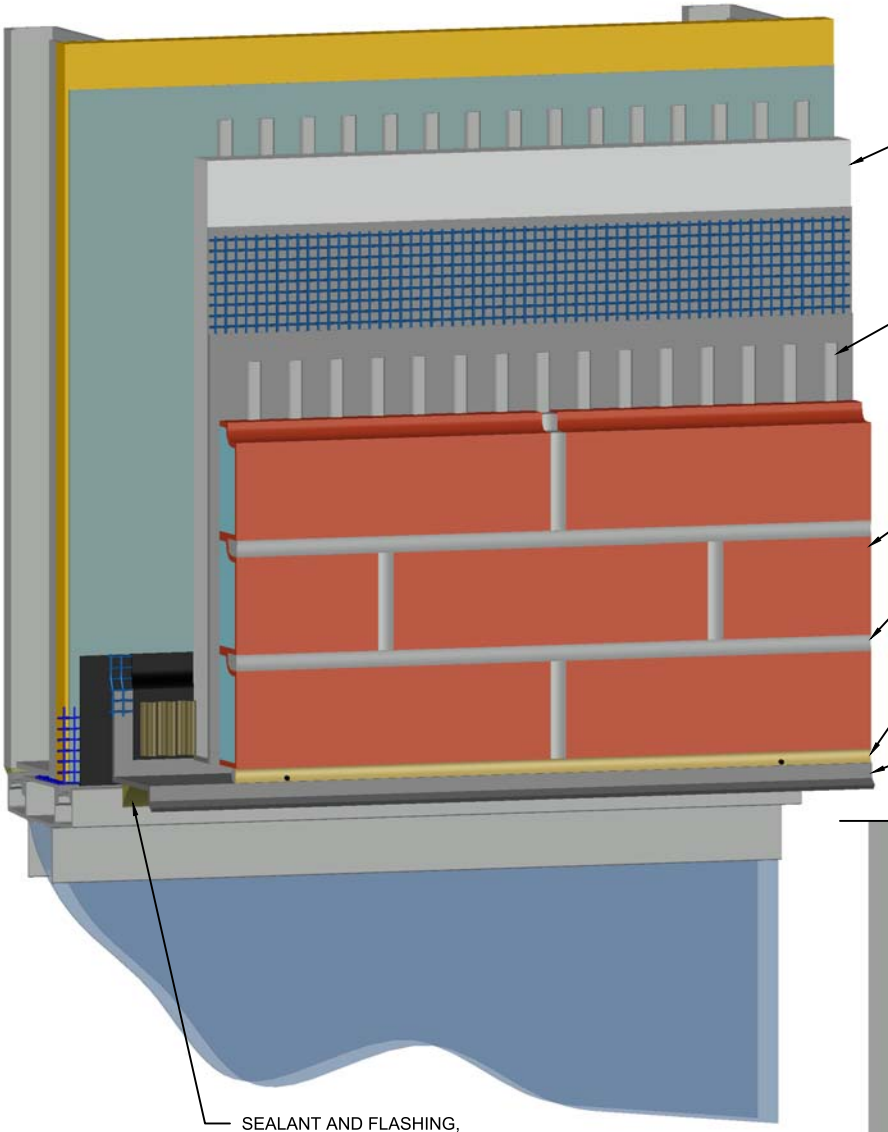
TEST OBSERVED BY: JHP and SW

FOR: Merritt Midwest, Inc.
4568 Red Arrow Highway
Stevensville, MI 49127
Tele: (269) 428-4424
Fax: (269) 428-9078

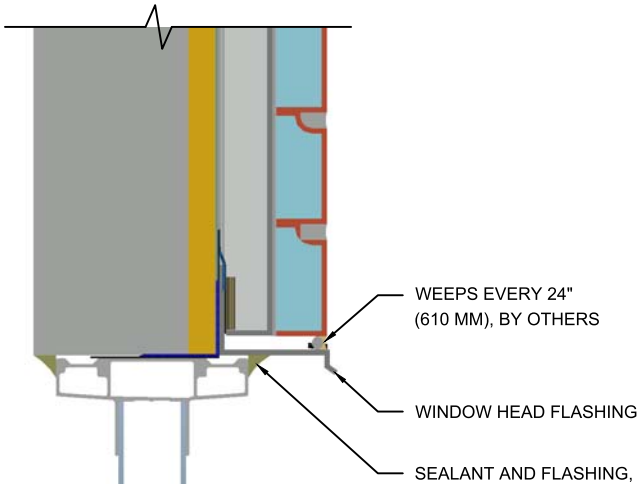
OTHERS ON SITE:

SKETCH AND NOTES:

TEST NO. 2 of 2



STOREFRONT WINDOW



FLANGED WINDOW

NewBrick®

Storefront and Flanged Window Head

NOTE:
1. OUTSULATION PLUS MD SYSTEM SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO APPROPRIATE DRYVIT SYSTEM LITERATURE FOR SYSTEM INSTALLATION.

The architecture, engineering, and design of the project using the Dryvit products is the responsibility of the project's design professional. All systems must comply with local building codes and standards. This detail is for general information and guidance only and Dryvit specifically disclaims any liability for the use of this detail and for the architecture, design, engineering or workmanship of any project. The project design professional determines, in its sole discretion, whether this detail or a functionally equivalent detail is best suited for the project. Use of a functionally equivalent detail does not violate Dryvit's warranty. This detail is subject to change without notice. Contact Dryvit to ensure you have the most recent version.

©Dryvit Systems, Inc.
Issued: 8/2018