DATE: January 11, 2019
PROJECT: SON Exterior Wall & Window Interiors
ITB NO: 744-B1905-SON Exterior Wall & Window Interiors
OWNER: The University of Texas Health Science Center at Houston
TO: Prospective Proposers

This Addendum forms part of and modifies Proposal Documents dated, December 14, 2018, with amendments and additions noted below.

1. **Clarification, Questions and Answers:**

   1. I need to know who the contractor was that installed the architectural canvas sunscreen system that is on the east elevation. And if any contractors have worked on it in the past.
      Answer: Vaughn Construction contracted the installation - we do not have record of subcontractor used.

   2. Have any contractors performed maintenance repair or inspections to the canvas? If so who.
      Answer: No

   3. Are all exterior elevations included in the project?
      Answer: Yes

   4. Details 1 & 2 R5.00 – Based on the observation, what is the condition of the existing membrane? How much membrane is adhered to the substrate? What is the condition of the existing sheathing?
      Answer: Assume replacing 30% of existing membrane at each location. Existing sheathing assumed to be in good condition.

   5. Detail 4/R5.02 Window Sill @ Metal Wall Panel – Will the metal panel have to removed to replace the sill flashing? Will the new sheet metal flashing require soldering at the joints? Is the existing flashing secured with screws?
      Answer: Assume work will not require removal of windows, no lapped/sealed joints, yes.

   6. General Note (3) where is this trim located? Photos or details available? Is this related to the window flashing details? And is there a linear feet quantity to base the cost on?
      Answer: Missing trim located at various locations. Photos are included with Addendum 1.Yes. See Exhibit A for linear feet.

   7. General Note (5) Install/Replace sealant at metal panels. Are all open dry joints receiving new sealant? Do the vertical bands (trim) receive new sealant at perimeters?
      Answer: Note 5 refers to sealant at joints in metal panel trim adjacent to window frames
8. **General Note (6)** Is there a quantity of locations for this item?  
   *Answer: See Exhibit A*

9. **General Note (7)** Is there a quantity of locations for this item?  
   *Answer: See Exhibit A*

10. **General Note (7)** Is this the exterior of the inside corner gasket?  
    *Answer: This refers to the gasket corners on the interior of storefront windows.*

11. Are the original plans available in pdf? Exterior Elevations, partial enlarged elevations, floor plans showing depth of balcony walls?  
    *Answer: Yes, available upon award.*

12. East Elevation Top Floor - Are the panels above the steel awnings scheduled for new caulk?  
    *Answer: Metal panels are dry joint system.*

13. North and South Balcony metal panel walls - scheduled for new caulk?  
    *Answer: Metal panels are dry joint system.*

14. Will we have access to water and electric from the building?  
    *Answer: Building Maintenance agrees to allow contractors to use building services.*

15. Will Davit arms require recertification to add an additional locking position? This may be needed to complete tasks on East side of building.  
    *Answer: Modification to davit arms will require engineering and certification.*

16. Item #3 is asking for sheet metal trim to be installed at locations between windows and metal walls: Can we have an assumed quantity or number of locations to base our bids.  
    *Answer: See Exhibit A*

17. Item #9 reads “clean and seal interior glazing gasket corner butt joints of storefront and curtain wall windows” This is in fact the inside exterior corners?  
    *Answer: This refers to the gasket corners on the interior of storefront windows*

18. Is it the expectation of the RFP to have all windows completely wet sealed  
    *Answer: No, just level 1 and 2 storefront windows*

19. Clarification: Reference attached Sunshade Submittal for original shop drawings for sunshades on East elevation.

20. Clarification: Existing window systems are Oldcastle (previously VistaWall) “ICW-250” curtain wall and “FG-3000T” storefront.

22. Clarification: Drawing Sheet R3.01: Remove Note 9 from windows at level 8 and at level 4

23. Clarification: Drawing Sheet R3.02: Remove Note 9 from windows at level 1 between column lines 3 and 4; Remove Note 8 at level 2 window between column lines 1 and 2; Add Notes 8 and 9 to level 2 storefront windows between column lines 2.2 and 3 and between column lines 6 to 7.7.

24. Clarification: Drawing Sheet R3.03: Remove Note 9 from windows at level 2 through level 8; Add Notes 8 and 9 to level 1 storefront windows between column lines B and C.
EXHIBIT A

1) Assume noted approximate quantities of repairs per elevation::

East Elevation:

<table>
<thead>
<tr>
<th>Note</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>78 operable vents</td>
</tr>
<tr>
<td>2.</td>
<td>60 LF trimming self-adhered membrane</td>
</tr>
<tr>
<td>3.</td>
<td>40 LF new metal wall panel trim</td>
</tr>
<tr>
<td>4.</td>
<td>2,600 LF window perimeter sealant</td>
</tr>
<tr>
<td>5.</td>
<td>400 LF of metal wall panel trim sealant replacement</td>
</tr>
<tr>
<td>6.</td>
<td>2 storefront frames</td>
</tr>
<tr>
<td>8.</td>
<td>500 LF of wet seal at levels 1 and 2 storefront windows</td>
</tr>
<tr>
<td>9.</td>
<td>Sealant installation at 160 corners of storefront windows</td>
</tr>
<tr>
<td>10.</td>
<td>20 LF repair/replace window sill flashing</td>
</tr>
<tr>
<td>11.</td>
<td>3 areas</td>
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</tbody>
</table>

West Elevation:

<table>
<thead>
<tr>
<th>Note</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>3 operable vents</td>
</tr>
<tr>
<td>2.</td>
<td>60 LF trimming self-adhered membrane</td>
</tr>
<tr>
<td>4.</td>
<td>1,400 LF window perimeter sealant</td>
</tr>
<tr>
<td>5.</td>
<td>50 LF of metal wall panel trim sealant replacement</td>
</tr>
<tr>
<td>6.</td>
<td>1 storefront frame</td>
</tr>
<tr>
<td>7.</td>
<td>3 sections of curtain wall cover cap to add/replace retainers</td>
</tr>
<tr>
<td>8.</td>
<td>200 LF of wet seal at level 1 and 2 storefront windows</td>
</tr>
<tr>
<td>9.</td>
<td>Sealant installation at 520 corners of storefront windows</td>
</tr>
<tr>
<td>10.</td>
<td>30 LF repair/replace window sill flashing</td>
</tr>
<tr>
<td>11.</td>
<td>1 area</td>
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North Elevation:

<table>
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<tbody>
<tr>
<td>1.</td>
<td>32 operable vents</td>
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<tr>
<td>2.</td>
<td>60 LF trimming self-adhered membrane</td>
</tr>
<tr>
<td>3.</td>
<td>20 LF new metal wall panel trim</td>
</tr>
<tr>
<td>4.</td>
<td>800 LF window perimeter sealant</td>
</tr>
<tr>
<td>5.</td>
<td>50 LF of metal wall panel trim sealant replacement</td>
</tr>
<tr>
<td>6.</td>
<td>1 storefront frame</td>
</tr>
<tr>
<td>8.</td>
<td>80 LF of wet seal at level 1 and 2 storefront windows</td>
</tr>
<tr>
<td>9.</td>
<td>Sealant installation at 16 corners of storefront windows</td>
</tr>
</tbody>
</table>
South Elevation:

<table>
<thead>
<tr>
<th>Note</th>
<th>Item</th>
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<tbody>
<tr>
<td>1.</td>
<td>32 operable vents</td>
</tr>
<tr>
<td>2.</td>
<td>60 LF trimming self-adhered membrane</td>
</tr>
<tr>
<td>4.</td>
<td>800 LF window perimeter sealant</td>
</tr>
<tr>
<td>5.</td>
<td>50 LF of metal wall panel trim sealant replacement</td>
</tr>
<tr>
<td>8.</td>
<td>160 LF of wet seal at level 1 storefront windows</td>
</tr>
<tr>
<td>9.</td>
<td>Sealant installation at 124 corners of storefront windows</td>
</tr>
</tbody>
</table>
REVISED - SECTION 6 – RESPONDENT’S BASE PRICING AND DELIVERY BID

TO: The University of Texas
Health Science Center at Houston

BY: _____________________________________________
(Company Name)

___________________________________________
(Address)

___________________________________________
(City, State, Zip Code)

___________________________________________
(Date)

PROJECT: ITB 744-B1908-SON Exterior Wall & Window Repairs

Dear Sir:

Having carefully examined the Project Requirements, the General Conditions, the Plans and Specifications and any Addenda to the Plans and Specifications as prepared by the University of Texas Health Science Center at Houston (the Owner of this Project), as well as the premises and all conditions affecting the work, the undersigned promises to furnish all equipment, labor, materials, supervision, services, and required bonding to complete the entire work in complete accordance with the above document for the following firm, fixed prices. The University will not accept bids which include assumptions or exceptions to the work identified in the Project Requirements.

6.1 TOTAL BASE PRICE

Price: $ _____________________________________________________________________

___________________________________________________________________________ DOLLARS

NOTE: Amounts shall be shown in both written and figure form. In the event of a discrepancy between the written amount and the figure amount, the written amount shall govern.

Base Price Breakdown per Elevation

<table>
<thead>
<tr>
<th>Elevation</th>
<th>Cost</th>
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<tbody>
<tr>
<td>East</td>
<td>$</td>
</tr>
<tr>
<td>West</td>
<td>$</td>
</tr>
<tr>
<td>North</td>
<td>$</td>
</tr>
<tr>
<td>South</td>
<td>$</td>
</tr>
</tbody>
</table>
6.1.1 BREAKDOWN OF BASE PRICE

<table>
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<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Materials Cost</td>
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<td>Total Labor Cost</td>
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</tr>
<tr>
<td>Total General Conditions</td>
<td>$________________</td>
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<tr>
<td>Total Overhead</td>
<td>$________________</td>
</tr>
<tr>
<td>Total Profit</td>
<td>$________________</td>
</tr>
</tbody>
</table>

**Please provide a Schedule of Values along with your Pricing Bid**

NOTE: Amounts shall be shown in both written and figure form. In the event of a discrepancy between the written amount and the figure amount, the written amount shall govern.

6.2 UNIVERSITY’S PAYMENT TERMS

University’s standard payment terms for services are “Net 30 days.” Proposer agrees that University will be entitled to withhold five percent (5%) of the total payment due under the Agreement until after University’s acceptance of the final work product. Indicate below the prompt payment discount that Proposer will provide to University:

Prompt Payment Discount: _____%_____days/net 30 days.

6.3 BASE DELIVERY SCHEDULE

**Indicate total time for completion of entire project.**

Calendar Days to Complete

(Days to complete must match the days in the Construction Schedule document that is provided with the bid).

Your calendar days to complete the project must include the following:

(Please be sure to include lead-time for all required materials in Calendar Days)

Time is of the essence in the performance of Contractor’s duties. Failure of the Contractor to notify UTHealth sufficiently in advance of inability to complete within the delivery schedule, shall grant UTHealth the option of imposing liquidated damages in the amount of fifteen hundred dollars ($1,500.00) per calendar day. Notwithstanding the foregoing, UTHealth shall have no obligation to accept late performance or waive timely performance by Contractor.
The undersigned acknowledges that he has read and complies with the Bidding Requirements and General Requirements and Terms and Conditions of this ITB.

The undersigned acknowledges receipt of the following Addenda to this ITB:
Addendum No 1. ____
Addendum No 2. ____
Addendum No 3. ____
Addendum No 4. ____
Addendum No 5. ____

The undersigned agrees, if awarded the Contract, to execute the Contract within ten (10) days after notification of award, and to commence work within ten (10) days after the Notice to Proceed is issued by The University of Texas Health Science Center at Houston.

Respectfully Submitted,

___________________________________
(Company Name)
By: ________________________________
Title: _______________________________
Date: _______________________________

(SEAL: If bid is by a Corporation)
March 15, 2018

Ms. Laura Berbel
University of Texas Health Science Center-Houston
7000 Fannin, UCT M125
Houston, Texas  77030

Re:     Water Infiltration Investigation Report
UTHSC – School of Nursing
6901 Bertner Avenue; Houston, Texas
PCI Project No. 11431.17

Dear Ms. Berbel:

Price Consulting, Inc. (PCI) personnel have recently performed a leak investigation and condition assessment of existing curtain wall and storefront windows as well as air barrier and applicable flashings installed behind wood siding on select areas on an exterior wall of the School of Nursing Building located at 6901 Bertner Avenue in Houston, Texas. In addition, PCI performed water spray testing in the general vicinity of reported water infiltration at a select location.

The investigation included the following:
• Performing a visual survey of the interior and exterior of accessible representative windows on the building.
• Performing a visual survey of the exterior air barrier and cladding accessories at a select area on the East elevation of the building.
• Performing water spray testing of select windows on the East elevation of the building.
• Preparing a written report of our observations and recommendations for repairs and corrective action.

Please contact our office if you have any questions, or if we may be of service in any other way. We look forward to the opportunity of working with you on this project.

Best regards,

PRICE CONSULTING, INC.

Richard R. Smith, RWC, REWC, CEI    Karl A. Schaack, P.E., RRC
Building Envelope Consultant / Project Manager             President
EXTERIOR WALL
WATER INFILTRATION INVESTIGATION REPORT
OF
UTH/SCHOOL OF NURSING
6901 BERTNER AVENUE
HOUSTON, TEXAS

PREPARED
FOR

UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER-HOUSTON
HOUSTON, TEXAS

UTHealth
The University of Texas
Health Science Center at Houston

PREPARED
BY
PRICE CONSULTING, INC.
211 HIGHLAND CROSS ROAD SUITE 220
HOUSTON, TEXAS 77073

TEXAS REGISTERED ENGINEERING FIRM F-3814

PCI PROJECT NO. 11431.17
MARCH 15, 2018
SCOPE OF SERVICES

Price Consulting, Inc. (PCI) is pleased to submit this report of our water infiltration investigation of select windows and portions of exterior walls at the School of Nursing building located at 6901 Bertner Avenue in Houston, Texas. This report contains our understanding of the project background information, our scope of services, our findings, and our recommendations for repairs and other corrective action. The purpose of the investigation was to assess the condition of windows, sealants, and air barrier on the exterior walls of the School of Nursing building, and to provide recommendations for remedial repairs and corrective action.

Water infiltration was reported at various windows on multiple floors on the East elevation of the building. PCI performed a visual survey, water spray testing of two windows on the 2nd and 3rd floors of the East elevation, and gathered observations during removal of wood siding and sheet metal flashings on the East elevation at the School of Nursing Building.

Water spray testing of windows was performed with a calibrated hand-held spray nozzle in general accordance with AAMA 501.2 “Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls, and Sloped Glazing Systems”. A calibrated spray nozzle was positioned over the subject window mullions and perimeter sealant joints outside the building and water was sprayed onto the subject area. Water pressure was maintained between 30 to 35 psi. The water was applied continuously, slowly moving the nozzle back and forth over 5-foot sections of the specimen (storefront) mullion for duration of 5-minutes per section. The testing was initiated on a horizontal mullion at the lower portion of the specimen and progressed upward until the entire subject specimen within the designated area was tested.

The visual survey consisted of walking the building interior and exterior within the subject areas and documenting existing conditions. In addition, we accessed upper levels of the building on the East elevation via “stick-built” scaffolding, erected by others, and a suspended swing-stage for purposes of documenting existing conditions. PCI also reviewed project shop drawings of the storefront and curtain wall systems installed on the building.
UTHSC – School of Nursing  
Houston, Texas  
Page Two

PROJECT INFORMATION

The building is an 8-story structural steel framed building. The exterior walls are constructed with a combination of brick veneer, metal wall panels, wood siding, aluminum-framed storefront windows, and aluminum-framed curtainwall windows. Both the metal panels and wood siding were installed on either metal or wood sub-framing members that were installed over a self-adhering membrane air barrier, Henry “BlueSkin”, that was applied over exterior sheathing secured to metal stud framing serving as the back-up for the exterior walls.

The School of Nursing building was constructed in 2003 by Jacobs/Vaughn, a Joint Venture of Houston, Texas. The storefront and curtain wall systems were manufactured by VistaWall and installed by Admiral Glass & Mirror of Houston, Texas. It is our understanding that water infiltration has occurred and has been reported at various windows on multiple floors on the East elevation of the building during Hurricane Harvey and other rain events over the past years.

OBSERVATIONS AND FINDINGS

VISUAL SURVEY

PCI performed a visual survey of accessible windows at level 1 and at select locations at levels 2 and 3 on the East elevation (reference attached elevation photograph). PCI accessed windows on level 2 and 3 on the East elevation via a swing-stage and levels 2 and 3 windows from scaffolding erected by Vaughn Construction on the East elevation. In addition, Vaughn Construction removed wood siding from a section of wall between windows on level 2 and level 3 on the East elevation and removed a section of sheet metal flashing at the head of a window on level 2.

Our observations are as follows:

Windows

- Operable window sub-frames were not sealed to curtain wall frames around perimeters of sub-frames (Photographs 5, 6, 7, and 8).
- Sealants between curtain wall and storefront frames and exterior cladding were found to be deteriorated (Photographs 9, 10, and 23).
- Steel plates/lintels at heads of windows were discontinuous at various locations (Photographs 11 and 12).
- Glazing gaskets at storefront windows appeared to be too loose (not have adequate compression on glazing) (Photograph 13).
- Butt joints of storefront glazing gaskets at corners of frames were not sealed and gaps were noted between gaskets at corners (Photographs 14 and 15).
- Front portions of storefront horizontal sill mullions appeared to have detached from vertical mullion at various locations (Photograph 14).
- Voids were observed in seal between vertical flange of sill receivers and storefront frames (Photographs 16 and 17).
- Curtain wall cover caps were fully or partially dislodged at various locations (Photographs 18 and 19).
• Top surface of exterior concrete walks was at or above bottom of curtain wall frames at various locations (Photographs 20 and 21).
• Wide profile sill flashing at base of strip and punched windows sloped back toward windows at various locations (Photograph 22).
• Self-adhering membrane (SAM) used to provide perimeter weather seal extended out beyond outer surface of sealant joint (Photograph 23).
• Based on review of window shop drawings, the curtain wall and storefront windows were sealed to the wall air barrier by extending self-adhering membrane from back-up wall/substrate and onto curtain wall frame and storefront pocket fillers (Photographs 24, 25, and 26). This condition was confirmed at excavation of sheet metal flashing at head of storefront window (Photographs 27 and 28).
• Latch handles of operable windows were not engaged to frames (window sash gaskets not tightened window frame when closed) (Photograph 41).

Walls

• Brick veneer extended approximately 2/3 of brick width beyond outer edge of steel lintel at Southwest corner radius window (Photograph 29).
• The self-adhering membrane was visible at the open joints between adjacent wood siding and wood trim (Photographs 30 and 31).
• Self-adhering membrane (SAM) air barrier on wall at excavation was deteriorated (blisters, fishmouths, and disbonded polyethylene facer) (Photographs 32, 33, and 34).
• Sealant was adhesively and cohesively failing around penetrations in metal wall panels (Photograph 35).
• Joints in metal wall panels were not sealed (Photograph 36).
• Fasteners, hat-channels, and clips were exposed (no closure trim installed) below various windows (Photographs 37 and 38).
• Holes were observed in self-adhering membrane air barrier behind 2X vertical wood nailers at excavation location apparently due to removed fasteners (Photographs 39 and 40).

WATER SPRAY-TESTING

PCI performed water spray testing at one curtain wall window on level 3 and one storefront window on level 2 on the East elevation of the building where Vaughn Construction had erected scaffolding (Photographs 3 and 4). During and upon completion of the testing, no water infiltration was observed at either of the subject window locations.
CONCLUSIONS AND RECOMMENDATIONS

Based on our observations and experiences with similar type of construction, it is PCI’s opinion that extensive remedial repairs should be performed at this time to resolve existing water infiltration and to mitigate potential problems in the future.

PCI recommends the following repairs:

Year One
- Install backer rod and sealant between sub-frames of operable windows and curtain wall frames at locations where sealant had not been installed.
- Apply sealant at butt joints of glazing gaskets in storefront frames.
- Adequately attach front of horizontal sill mullions to vertical mullions at storefront systems.
- Install additional plastic retainers for cover caps at curtain wall frames and fully engage existing cover caps to curtain wall frames.
- Replace sealant around penetrations in metal wall panels.
- Apply sealant at joints in metal wall panel trim.
- Install new trim at missing locations between bottoms of window flashing and top edges of metal wall panels.

Future Repairs for Consideration
- Replace exterior glazing gaskets with larger, full length gaskets in storefront systems. Apply sealant at corners of gasket reglets and butt joints in gaskets at interior and exterior locations.
- Apply sealant over vertical flanges of storefront sill receiver to storefront frame at interior.
- Replace sealants in joints at perimeters of curtain wall and storefront window frames.
- Provide positive slope at window sill flashing away from windows toward exterior of building.
- Trim self-adhering membrane back from sealant joints.
- Remove wood siding and nailers, replace deteriorated self-adhering membrane air barrier behind wood siding and trim; install pre-finished sheet metal strips (blank-out panels) behind joints/gaps in wood siding and trim; and re-install nailers and siding.

QUALIFICATIONS OF THE REPORT

The information presented in this report is based on findings gathered in the field by visual methods, excavations into the exterior wall materials, and from information gathered during conversations with personnel associated with the project. Our opinions and recommendations are based on our limited visual observations, and our experience with projects of similar type and age of construction. Conditions may vary from the conditions observed at specific locations. Conditions of the construction materials present in the facility will also vary with time. Observation of some structural components concealed by finish materials cannot be made.
APPENDIX

PHOTOGRAPHS 1 - 41
VISUAL OBSERVATIONS FROM SWING STAGE

VISUAL OBSERVATIONS FROM SCAFFOLDING

WINDOWS SUBJECT OF WATER-SPRAY TESTING
1. VIEW OF EAST ELEVATION

2. VIEW OF EAST ELEVATION, WEST END

3. WATER SPRAY TESTING STOREFRONT WINDOW AT LEVEL 2

4. WATER SPRAY TESTING STOREFRONT WINDOW AT LEVEL 2

5. NO SEALANT PRESENT IN JOINT BETWEEN BOTTOM OF OPERABLE WINDOW SUBFRAME AND CURTAIN WALL FRAME

6. NO SEALANT PRESENT IN JOINT BETWEEN BOTTOM OF OPERABLE WINDOW SUBFRAME AND CURTAIN WALL FRAME
7. NO SEALANT PRESENT IN JOINT BETWEEN BOTTOM OF OPERABLE WINDOW SUB-FRAME AND CURTAIN WALL FRAME

8. NO SEALANT PRESENT IN JOINT BETWEEN BOTTOM OF OPERABLE WINDOW SUB-FRAME AND CURTAIN WALL FRAME

9. DETERIORATED SEALANT AT PERIMETER OF CURTAIN WALL WINDOW

10. DETERIORATED SEALANT AT PERIMETER OF STOREFRONT WINDOW

11. DISCONTINUOUS STEEL PLATE/LINTEL AT HEAD OF CURTAIN WALL WINDOW

12. DISCONTINUOUS STEEL PLATE/LINTEL AT HEAD OF CURTAIN WALL WINDOW
13. LOOSE GLAZING GASKET

14. GAP BETWEEN GLAZING GASKETS AT INTERIOR CORNER OF STOREFRONT WINDOW; FRONT OF HORIZONTAL MULLION DETACHED FROM VERTICAL MULLION

15. GAP BETWEEN GLAZING GASKETS AT INTERIOR CORNER OF STOREFRONT WINDOW

16. VOID BETWEEN SILL RECEIVER VERTICAL FLANGE AND STOREFRONT FRAME

17. CARD IN VOID BETWEEN SILL RECEIVER VERTICAL FLANGE AND STOREFRONT FRAME

18. DISLODGED CURTAIN WALL COVER CAP
19. DISLODGED CURTAIN WALL COVER CAP

20. TOP SURFACE OF CONCRETE SIDEWALK ABOVE BOTTOM OF CURTAIN WALL FRAME

21. TOP SURFACE OF CONCRETE SIDEWALK ABOVE BOTTOM OF CURTAIN WALL FRAME

22. ALUMINUM SILL FLASHING SLOPES BACK TOWARD STOREFRONT WINDOW

23. VIEW OF SAM EXTENDING BEYOND OUTER EDGE OF PERIMETER SEALANT AT STOREFRONT; DETERIORATED SEALANT

24. VIEW OF MARKED-UP SHOP DRAWING AT SILL OF STOREFRONT
25. VIEW OF MARKED-UP SHOP DRAWING AT HEAD OF STOREFRONT

26. VIEW OF MARKED-UP SHOP DRAWING AT HEAD OF CURTAIN WALL

27. VIEW OF TOP OF STOREFRONT WINDOW FRAME WITH SM FLASHING REMOVED

28. VIEW OF SM FLASHING REMOVED AT HEAD OF LEVEL 2 STOREFRONT WINDOW

29. BRICK VENEER EXTENDS BEYOND EDGE STEEL LINTEL 2-1/8-INCH

30. UNDERLYING MEMBRANE EXPOSED AND DETERIORATED AT JOINTS BETWEEN WOOD SIDING

NOTE PLASTIC POCKET FILLER
31. SAM AIR BARRIER VISIBLE BETWEEN JOINTS IN WOOD SIDING TRIM

32. DETERIORATED SAM AIR BARRIER ON WALL BEHIND WOOD SIDING

33. DETERIORATED SAM AIR BARRIER ON WALL BEHIND WOOD SIDING

34. DETERIORATED SAM AIR BARRIER ON WALL BEHIND WOOD SIDING

35. DETERIORATED SEALANT AT PENETRATION IN METAL WALL PANELS

36. NO SEALANT APPLIED OVER JOINTS IN METAL WALL PANEL TRIM
37. EXPOSED ALUMINUM CLIP, FASTENERS, AND TOP EDGE OF METAL WALL PANEL BELOW WINDOW FRAME

38. EXPOSED HAT-CHANNEL, FASTENERS, AND TOP EDGE OF METAL WALL PANEL BELOW WINDOW FRAME

39. HOLE IN SAM AIR BARRIER (from apparent removed fastener)

40. HOLE IN SAM AIR BARRIER (from apparent removed fastener)

41. LATCH HANDLES OF OPERABLE WINDOWS NOT ENGAGED
CONNECTIONS

ELEVATION - TYPE "B", "C", "D"

ON CO0412-31
CL HOLES IN CLEAR

MARK ATR, DIM A, B, C, D"