



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

DAVID G. BUXTON
Director

ADDENDUM #3

Date: May 16, 2008

To: Contractors

From: Michael Ambre, Project Manager, DFCM

Reference: Window Replacement
Browning Administration Building Remodel
Utah Valley State College, Orem, Utah
DFCM Project No. 06066790

Subject: **Addendum No. 3**

Pages	Addendum	1	page
	Revised Project Schedule – Re-bid	1	page
	Revised Bid Form – Re-bid	2	pages
	<u>Architects Addendum</u>	<u>6</u>	<u>pages</u>
	Total	10	pages

Note: *This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.*

While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.

- 1.1 **SCHEDULE CHANGES** – There are changes to the Project Schedule.
Last Day to Submit Questions – **Monday, May 19, 2008 at 12:00 Noon**
Addendum Deadline – **Tuesday, May 20, 2008 at 2:00 PM**
Bid and Bid Bonds Due – **Thursday, May 22, 2008 at 2:30 PM**
Sub-contractors List Due – **Friday, May 23, 2008 at 2:30 PM**
Substantial Completion Date – **Friday, October 3, 2008**
- 1.2 See attached “Axis Architects Addenda #2”

Utah!
Where ideas connect



**PROJECT SCHEDULE – REBID
REVISED PER ADDENDUM NO. 3 DATED MAY 16, 2008**

PROJECT NAME: WINDOW REPLACEMENT BROWNING ADMINISTRATION AND WOODBURY BUSINESS BUILDINGS UTAH VALLEY STATE COLLEGE – OREM, UTAH				
DFCM PROJECT #: 06066790				
Event	Day	Date	Time	Place
Bidding Documents Available	Thursday	April 17, 2008	3:00 PM	DFCM 4110 State Office Bldg SLC, UT and the DFCM web site *
Mandatory Pre-bid Site Meeting	Thursday	April 24, 2008	10:00 AM	Meet at the base of the diagonal stairs at the entrance of the Student Union Building Utah Valley State College Orem, UT (reference campus map)
Last Day to Submit Questions	Monday	May 19, 2008	12:00 NOON	Mike Ambre – DFCM E-mail mambre@utah.gov Fax (801) 538-3267
Addendum Deadline (exception for bid delays)	Tuesday	May 20, 2008	2:00 PM	DFCM web site *
Prime Contractors Turn In Bid and Bid Bond	Thursday	May 22, 2008	2:30 PM	DFCM 4110 State Office Bldg SLC, UT
Sub-contractor List Due	Friday	May 23, 2008	2:30 PM	DFCM 4110 State Office Bldg SLC, UT Fax (801) 538-3677
Substantial Completion Date	Friday	October 3, 2008		

* NOTE: DFCM's web site address is <http://dfcm.utah.gov>



**BID FORM – REBID
REVISED PER ADDENDUM NO. 3 DATED MAY 16, 2008**

NAME OF BIDDER _____ DATE _____

To the Division of Facilities Construction and Management
4110 State Office Building
Salt Lake City, Utah 84114

The undersigned, responsive to the "Notice to Contractors" and in accordance with the "Instructions to Bidders", in compliance with your invitation for bids for the WINDOW REPLACEMENT – BROWNING ADMINISTRATION AND WOODBURY BUSINESS BUILDINGS – UTAH VALLEY STATE COLLEGE – OREM, UTAH – DFCM PROJECT NO. 06066790 and having examined the Contract Documents and the site of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies as required for the Work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. This price is to cover all expenses incurred in performing the Work required under the Contract Documents of which this bid is a part:

I/We acknowledge receipt of the following Addenda: _____

BASE BID: For all work shown on the Drawings and described in the Specifications and Contract Documents for the removal of the existing windows in the north vestibule and adjacent window at the Pope Science Building, north doorway adjacent to stairs at the Browning Administration Building, and the south entrance of the Woodbury Business Building (door leaves only), fabrication and installation of new windows (including all coordination of equipment mounted on or penetrating through the windows systems), I/we agree to perform for the sum of:

_____ DOLLARS (\$_____)

(In case of discrepancy, written amount shall govern)

ADDITIVE ALTERNATE NO. 1: For all work shown on the Drawings and described in the Specifications and Contract Documents for the removal of the existing windows in two sections of windows/frames as indicated at the concourse between the Woodbury Business Building and the Sparks Automotive Building, fabrication and installation of new windows (including all coordination of equipment mounted on or penetrating through the windows systems), I/we agree to perform for the sum of:

_____ DOLLARS (\$_____)

(In case of discrepancy, written amount shall govern)

ADDITIVE ALTERNATE NO. 2: For all work shown on the Drawings and described in the Specifications and Contract Documents for the removal of all existing windows on both the north and south side of the concourse between the Woodbury Business Building and the Browning Administration Building, fabrication and installation of new windows (including all coordination of equipment mounted on or penetrating through the windows systems), I/we agree to perform for the sum of:

_____ DOLLARS (\$ _____)
(In case of discrepancy, written amount shall govern)

I/We guarantee that the Work will be Substantially Complete by **October 3, 2008**, should I/we be the successful bidder, and agree to pay liquidated damages in the amount of **\$ 200.00** per day for each day after expiration of the Contract Time as stated in Article 3 of the Contractor's Agreement.

This bid shall be good for 45 days after bid opening.

Enclosed is a 5% bid bond, as required, in the sum of _____

The undersigned Contractor's License Number for Utah is _____.

Upon receipt of notice of award of this bid, the undersigned agrees to execute the contract within ten (10) days, unless a shorter time is specified in the Contract Documents, and deliver acceptable Performance and Payment bonds in the prescribed form in the amount of 100% of the Contract Sum for faithful performance of the contract.

The Bid Bond attached, in the amount not less than five percent (5%) of the above bid sum, shall become the property of the Division of Facilities Construction and Management as liquidated damages for delay and additional expense caused thereby in the event that the contract is not executed and/or acceptable 100% Performance and Payment bonds are not delivered within the time set forth.

Type of Organization: _____ (Corporation, Partnership, Individual, etc.)

Any request and information related to Utah Preference Laws: _____

Respectfully submitted,

Name of Bidder

ADDRESS:

Authorized Signature

May 14, 2008

ADDENDUM - 2

Project: UVSC Window Replacement Phase 1
Axis project number: 0701

To: Mike Ambre

From: David A. Anderson
Axis Architects LLC

Drawing Items:

- 2.1 Scope of window replacement work has been modified. Previously issued drawings no longer apply and can be disregarded. Drawings attached here comprise full scope of work, including alternates. See attached drawings for new locations and elevations of window/door replacement.
- 2.2 Revised hardware schedule to accommodate above change attached. Replace previously issued specifications and hardware schedule with the attached version.
- 2.3 In lieu of the Tuff-Line doors indicated in the previous package, bid is to include standard thickness aluminum door construction.

Note: This addendum shall be part of the construction documents. Items in this addendum apply to all drawing and specification sections whether referenced or not involving the portion of the work added, deleted, modified or otherwise addressed in the addendum. Acknowledge receipt of this addendum in the space provided on the bid form. Failure to do so may subject the bidder to disqualification.

End of Addendum

CODE ANALYSIS

APPLICABLE CODES

Code	Year	Code	Year
International Building Code	2006	National Electrical Code	2006
International Mechanical Code	2006	Uniform Code for Building Conservation	
International Plumbing Code	2006	ADA Accessibility Guidelines	ICC/ANSI 117.1 1998
International Fire Code	2006		
International Energy Conservation Code	2006		

A. Occupancy and Group: UNLIMITED MALL BUILDING
 Change in Use: Yes No Mixed Occupancy: Yes No
 Special Use and Occupancy (e.g. High Rise, Covered Mall): UNLIMITED MALL BUILDING

B. Seismic Design Category: D Design Wind Speed: 90 mph

C. Type of Construction (circle one):
 I A I B II A II B III A III B IV HT V A V B

D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):
 North: South: East: West:

E. Mixed Occupancies: Nonseparated Uses:

F. Sprinklers:
 Required: Provided: Type of Sprinkler System:

G. Number of Stories: 1 Building Height: 18'

H. Actual Area per Floor (square feet): NO ADDED SQUARE FOOTAGE

I. Tabular Area: UNLIMITED MALL BUILDING

J. Area Modifications:

$$A_3 = A_1 + \left[\frac{A_1 I_1}{100} \right] + \left[\frac{A_1 I_2}{100} \right] \quad I_1 = 100 \left[\frac{F}{P} - 0.25 \right] \frac{W}{30}$$

b) Sum of the Ratio Calculations for Mixed Occupancies:

$$\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$$

c) Total Allowable Area for:

- 1) One Story: _____
- 2) Two Story: $A_3(2)$ _____
- 3) Three Story: $A_3(3)$ _____

d) Unlimited Area Building: Yes No Code Section: 401

K. Fire Resistance Rating Requirements for Building Elements (hours).

Fire-Resistive Requirements:	Type: II-B
Bearing walls - Interior:	0
Exterior Non-Bearing Walls:	0
Structural Frame:	0
Partitions:	1
Shafts:	1 Hr.
Floors - Ceilings:	0
Roofs - Ceilings:	0

L. Design Occupant Load: NO ADDED OCCUPANT - NO ADDED SQUARE FOOTAGE

Exit Width Required: N/A Exit Width Provided: N/A

M. Minimum Number of Required Plumbing Facilities:

- a) Water Closets - Required (m) N/A (f) _____ Provided (m) _____ (f) _____
- b) Lavatories - Required (m) N/A (f) _____ Provided (m) _____ (f) _____
- c) Bath Tubs or Showers: N/A
- d) Drinking Fountains: N/A Service Sinks: _____

FOOTNOTES:

- 1) In case of conflict with the U.S. Department of Justice Federal Registers Parts I through V - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.
- 2) Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:
 - a) High Rise Requirements.
 - b) Atriums.
 - c) Performance Based Criteria.
 - d) Means or Egress Analysis.
 - e) Fire Assembly Locator Sheet.
 - f) Exterior and Interior Accessibility Route.
 - g) Fire Stopping, Including Tested Design Number.

PROJECT TEAM

OWNER:

DFCM
 Mike Ambre
 Project Manager
 4110 State Office Building
 Salt Lake City, UT 84114
 phone (801) 209.9104

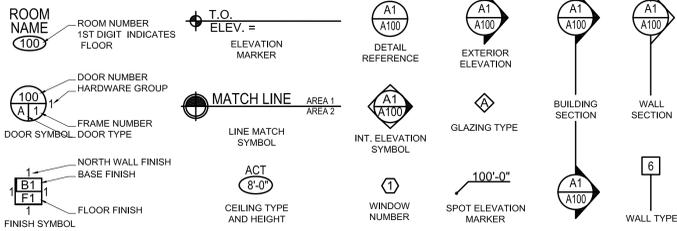
USER:

UVSC
 James L. Michaelis
 Director of Facilities
 800 West University Parkway
 Orem, Utah 84058-5999
 phone (801)863-8130

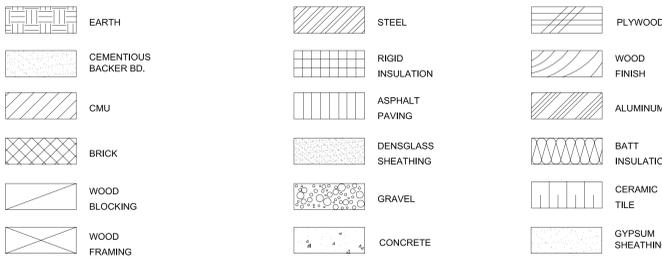
ARCHITECT:

AXIS ARCHITECTS
 Pierre O. Languet AIA
 352 S. Denver Street
 Salt Lake City, Utah 84111
 phone (801)355-3003
 fax (801)355-0113

SYMBOL LEGEND



GRAPHIC SYMBOLS



DRAWING INDEX

GENERAL	ARCHITECTURAL
G101 GENERAL INFORMATION	AE101 WINDOW REPLACEMENT DRAWINGS
	AE601 WINDOW REPLACEMENT DETAILS

NOTE: THE SHEETS LISTED ABOVE REPRESENT A FULL SET OF CONSTRUCTION DOCUMENTS AND INCLUDE A DETAIL BOOK AND A PROJECT MANUAL. AND SHALL NOT BE SEPERATED. ANY CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT SHALL BE RESPONSIBLE FOR REVIEWING ALL THE CONSTRUCTION DOCUMENTS INCLUDING BUT NOT LIMITED TO DRAWINGS, DETAILS, PROJECT MANUAL, SPECIFICATIONS AND ANY AND ALL ADDENDA ISSUED.



State of Utah

Department of Administrative Services
 Division of Facilities
 Construction & Management
 4110 State Office Building
 Salt Lake City, Utah 84114
 Phone: (801) 538 - 3018
 Fax: (801) 538 - 3267

APPROVALS

Prime Agency _____ Date _____
 DFCM _____ Date _____

APPROVAL DOES NOT RELIEVE A/E OF DESIGN LIABILITY

VICINITY MAP



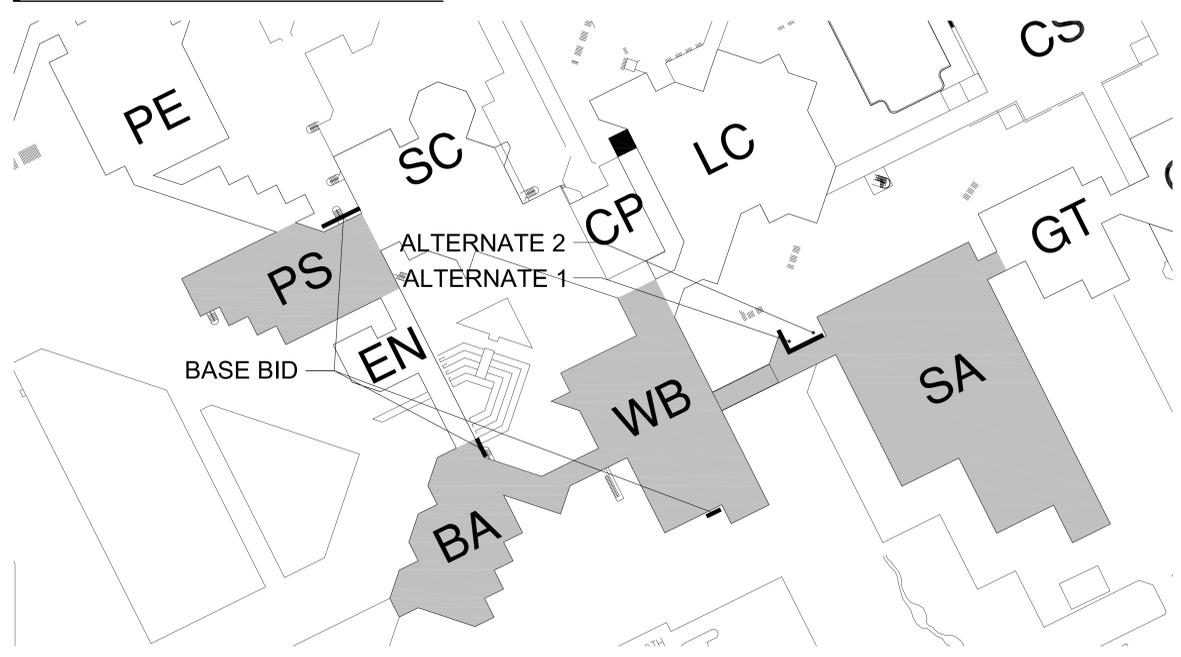
UTAH VALLEY STATE COLLEGE CAMPUS WINDOW REPLACEMENT PHASE I

Orem, Utah

2008-05-14

DFCM PROJECT #06066790

OVERALL SITE PLAN



UVSC Window Replacement
 PHASE I
 Orem, UT

Construction Documents

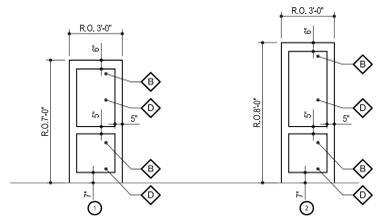
Revision #	Date
ADD. 1 - CHANGE OF SCOPE COMPLETE SET REISSUED	05.05.2008
ADD. 2 - CHANGE OF SCOPE COMPLETE SET REISSUED	05.14.2008

Axis Job # 0701
 Owner # 06066790
 Date 05-14-2008
 Drawn
 Checked

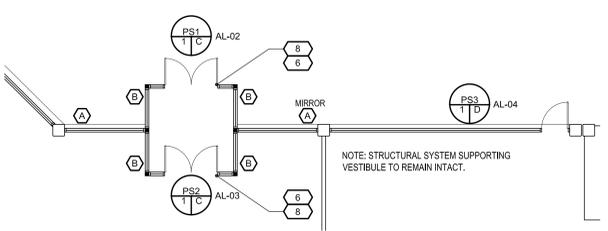
INFORMATION SHEET

GI101

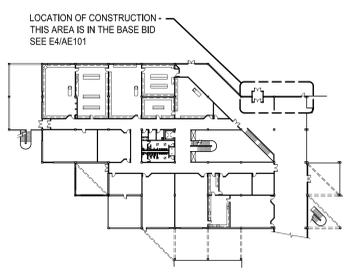
Axis Architects
 352 SOUTH DENVER STREET(440 EAST)
 SALT LAKE CITY UTAH 84111 P. 355-3003 F. 355-0113



E3 DOOR TYPES
1/4"=1'-0"



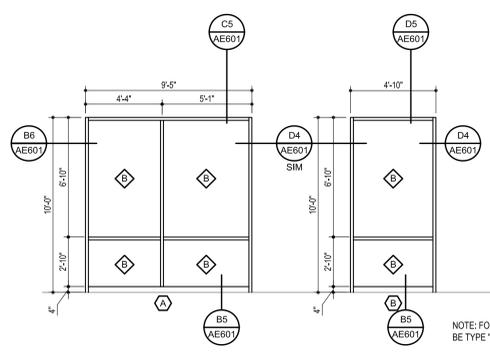
E4 POPE SCIENCE FLOOR PLAN
1/8"=1'-0"



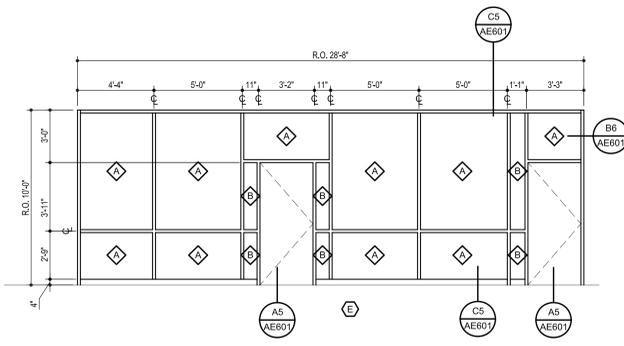
E5 POPE SCIENCE KEY PLAN
1/64"=1'-0"

- GENERAL DEMOLITION NOTES**
- DEMOLITION OF EXISTING WINDOWS IS REQUIRED UNDER THIS CONTRACT. AT EVERY LOCATION SHOWN FOR NEW WINDOWS, EXISTING HOLLOW METAL WINDOWS MUST BE REMOVED.
 - CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING DIMENSIONS PRIOR TO BID.
 - WHERE EXISTING WINDOWS ARE TO BE REMOVED, MEASURES MUST BE TAKEN TO AVOID DAMAGING OTHER BUILDINGS ELEMENTS. CONTRACTOR IS RESPONSIBLE TO REPAIR OR REIMBURSE OWNER FOR ANY DAMAGE CAUSED.
 - IN CERTAIN AREAS CONDUIT, PLUG MOLD, CABLES, ETC. ARE MOUNTED TO EXISTING WINDOWS. CONTRACTOR IS RESPONSIBLE FOR LOCATING SUCH ELEMENTS. REMOVE FOR INSTALLATION OF NEW WINDOWS AS NECESSARY AND REINSTALL.
 - DISCONNECT ANY EFFECTED UTILITIES PRIOR TO REMOVAL. CONTRACTOR TO COORDINATE DEMOLITION STAGING AREAS WITH OWNER.
 - CONTRACT TO COORDINATE ALL CONSTRUCTION SCHEDULING WITH OWNER PRIOR TO DEMOLITION.

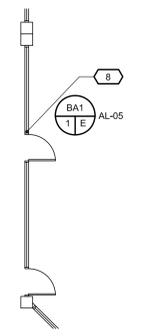
- NEW CONSTRUCTION GENERAL NOTES**
- CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID. THIS INCLUDES BUT IS NOT LIMITED TO DIMENSIONS, BUILDING COMPONENTS MOUNTED ON OR PROJECTING THROUGH EXISTING WINDOW SYSTEM SUCH AS BLINDS, ELECTRICAL AND DATA DEVICES, CONDUIT, PLUMBING AND GAS ELEMENTS, FIRE SAFETY DEVICES, MOTORIZED DOOR ACTUATORS, ELECTRONIC ENCODED LOCKING HARDWARE, ETC. CONTRACTOR IS RESPONSIBLE FOR DETACHING SUCH ELEMENTS BEFORE DEMOLITION AND REPLACING AFTER WINDOW INSTALLATION. SOME OF THE ABOVE COMPONENTS HAVE BEEN INDICATED ON THE DRAWINGS AS AN AID TO CONTRACTOR - ADDITIONAL COMPONENTS MAY OCCUR IN OTHER LOCATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INCLUDE IN THE BID COSTS FOR THE REMOVAL AND REINSTALLATION OF ALL SUCH COMPONENTS WHETHER INDICATED IN THESE DRAWINGS OR NOT. NOT ADDITIONAL FEES WILL BE AWARDED FOR REMOVAL, REINSTALLATION OR COORDINATION PERTAINING TO SUCH COMPONENTS.
 - CONTRACTOR SHALL RECONNECT ALL UTILITIES THAT ARE INTERRUPTED DUE TO CONSTRUCTION. ANY INTERRUPTION OF UTILITY SERVICE MUST BE COORDINATED WITH THE CLIENT PRIOR TO INTERRUPTION.
 - AT ALL LOCATIONS WHERE EXISTING WALLS OR FURRING ABUT GLAZING SYSTEM, SEE DETAILS A1 AND B1 ON AE601. CONTRACTOR SHALL VERIFY WHERE SUCH CONDITIONS EXIST PRIOR TO BID, INCLUDING THOSE LOCATIONS NOT SHOWN ON DRAWINGS.
 - ALL ALUMINUM BREAK METAL TO MATCH FRAMES.
 - ALL MULLIONS ARE 2" WIDE UNLESS OTHERWISE NOTED.
 - GENERAL CONTRACTOR TO VERIFY WINDOW HEIGHT ABOVE GRADE. ANY RESULTING SCAFFOLDING OR OTHER ASSOCIATED COSTS TO BE COVERED IN BID.
 - SEE AE601 FOR ALL DETAILS.
 - IN LOCATIONS WHERE A SECTION OF BUILDING MATERIAL IS REQUIRED TO BE REMOVED IN ORDER TO INSTALL A WINDOW OR DOOR, REPLACE WITH MATERIAL MATCHING EXISTING.
 - AT ALL LOCATIONS WHERE PENETRATIONS OCCUR IN FRAME OR METAL PANEL, OPENING ACCOMMODATING PENETRATION IS TO EXCEED SIZE OF PENETRATING ELEMENT BY NO MORE THAN 1/8". SEALANT INTEGRALLY COLORED TO MATCH FRAME TO BE APPLIED TO PENETRATIONS.



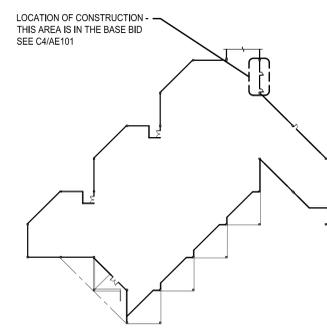
D5 POPE SCIENCE WINDOW ELEVATIONS
1/4"=1'-0"



D3 BROWNING ADMINISTRATION WINDOW ELEVATION
1/4"=1'-0"



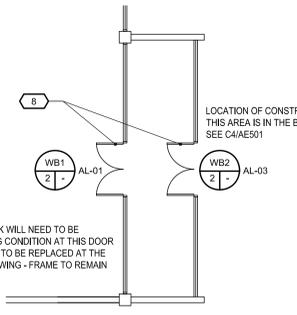
C4 BROWNING ADMINISTRATION FLOOR PLAN
1/8"=1'-0"



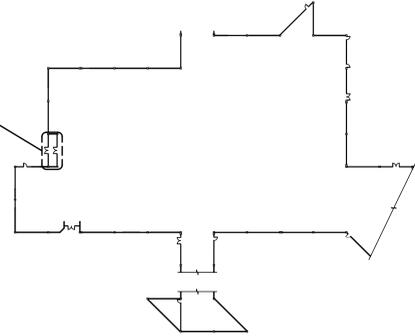
C5 BROWNING ADMINISTRATION KEY PLAN
1/64"=1'-0"

- COORDINATION NOTES**
- STUD WALL ADJACENT TO FRAME
 - 8x2 EXHAUST DUCT PENETRATES METAL PANEL
 - JUNCTION BOX AND OTHER ELECTRICAL EQUIPMENT MOUNTED ON PANEL
 - ELECTRICAL CONDUIT PENETRATES FRAME
 - ELECTRICAL SECURITY DEVICE MOUNTED ON DOOR
 - ELECTRICAL CONDUIT/DEVICE MOUNTED ON FRAME
 - ROOF DRAIN LINE PENETRATES METAL PANEL
 - ADA ACTUATOR OPERATES THIS DOOR
 - PENETRATION AT METAL PANEL
 - CONDENSATE LINE PENETRATES FRAME
- NOTE: THESE ITEMS ARE THE RESPONSIBILITY OF THE CONTRACTOR, AND MUST BE RETURNED TO FUNCTIONING CONDITION AFTER CONSTRUCTION. THESE ITEMS ARE TO BE COVERED IN THE CONTRACTOR'S BID.

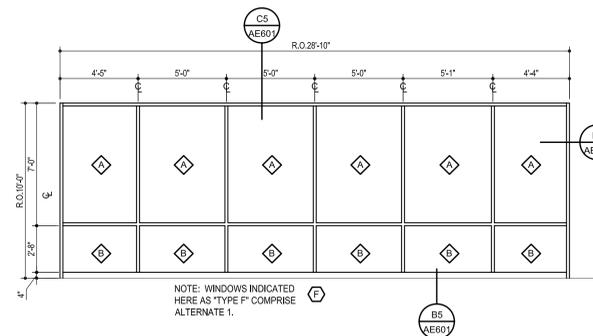
- GLAZING SCHEDULE**
- 1" INSULATED LOW-E GLASS - BRONZE TINT
 - 1" INSULATED TEMPERED LOW-E GLASS - BRONZE TINT
 - 1" INSULATED ALUMINUM PANEL - BRONZE ANODIZED
 - 1" INSULATED CLEAR GLASS - TEMPERED
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND ANGLES PRIOR TO FABRICATION.
 - SOME DETAILS MAY BE REVERSED.



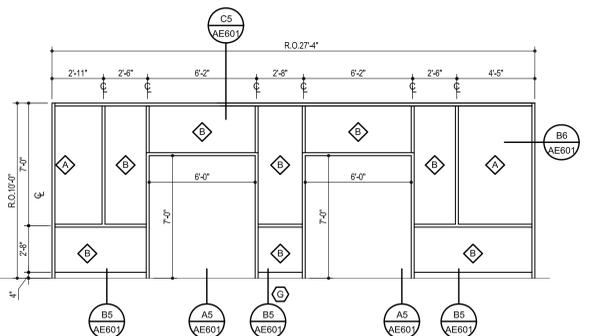
B4 WOODBURY BUSINESS FLOOR PLAN
1/8"=1'-0"



B5 WOODBURY BUSINESS KEY PLAN
1/64"=1'-0"



A3 SPARKS AUTOMOTIVE FRAMES
1/4"=1'-0"



A5 SPARKS AUTOMOTIVE KEY PLAN
1/64"=1'-0"



A6 SPARKS AUTOMOTIVE FLOOR PLAN
1/8"=1'-0"

UVSC Window Replacement PHASE I
Orem, UT
Construction Documents

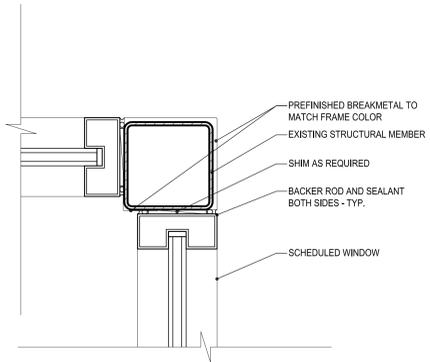
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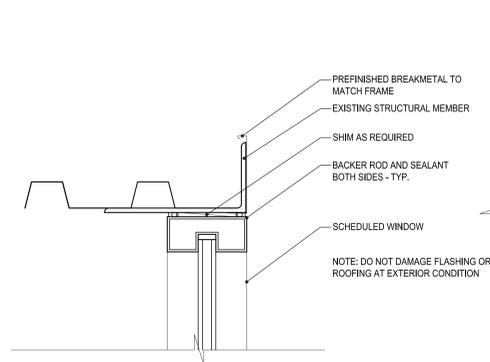
WINDOW REPLACEMENT DRAWINGS

AE101

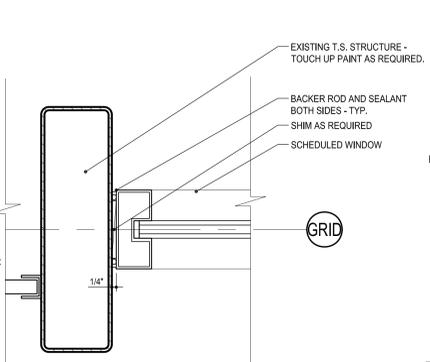
NOTE: CONTRACTOR TO PATCH AND REPAIR ALL DAMAGE CAUSED BY DEMOLITION AND/OR NEW CONSTRUCTION.



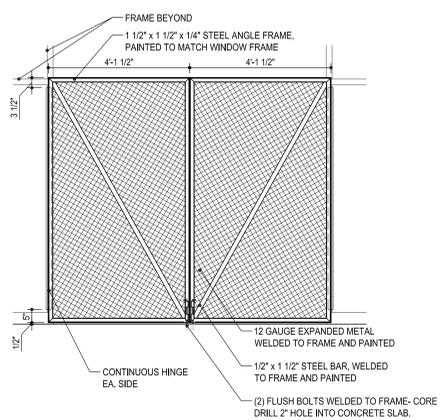
D4 VESTIBULE CORNER
SCALE: 3/8"=1'-0"



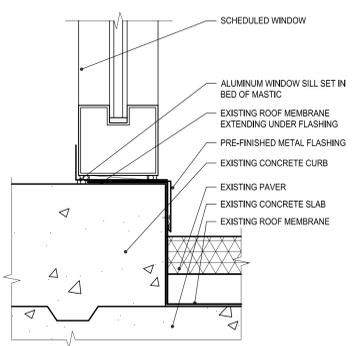
D5 WINDOW HEAD AT VEST.
SCALE: 3/8"=1'-0"



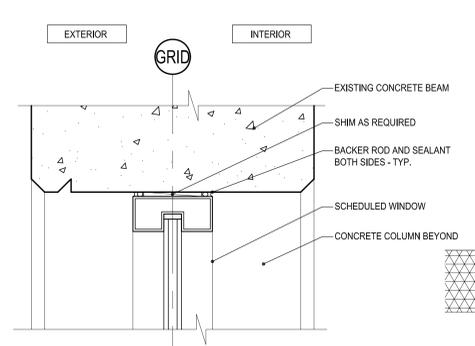
D6 JAMB AT T.S. FRAME
SCALE: 3/8"=1'-0"



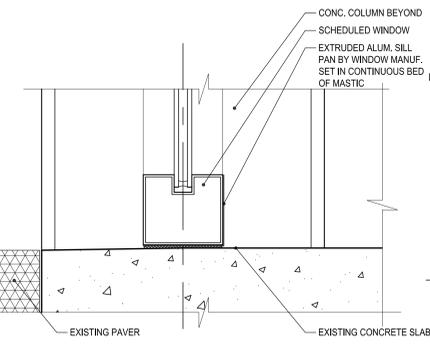
C2 INTAKE LOUVER
SCALE: 1/2"=1'-0"



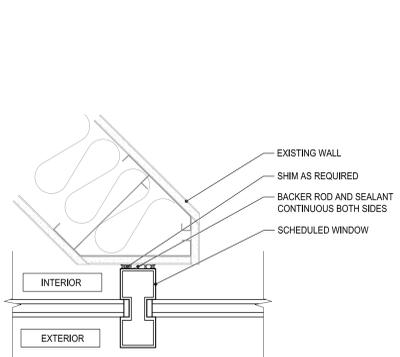
C4 SILL AT PLAZA CURB
SCALE: 3/8"=1'-0"



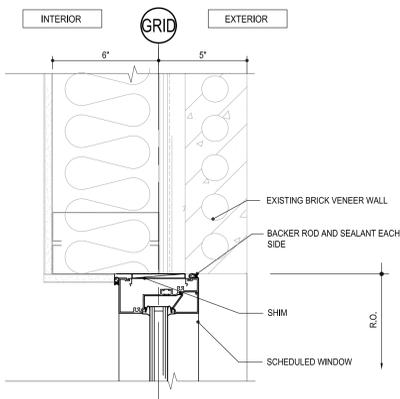
C5 WINDOW HEAD DETAIL
SCALE: 3/8"=1'-0"



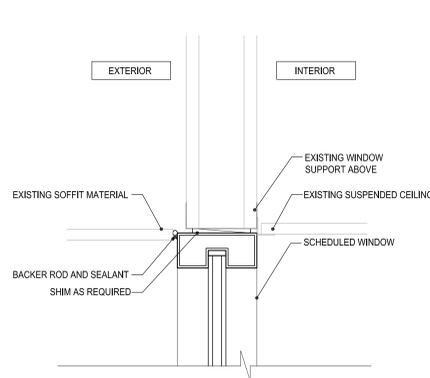
C6 SILL AT PLAZA
SCALE: 3/8"=1'-0"



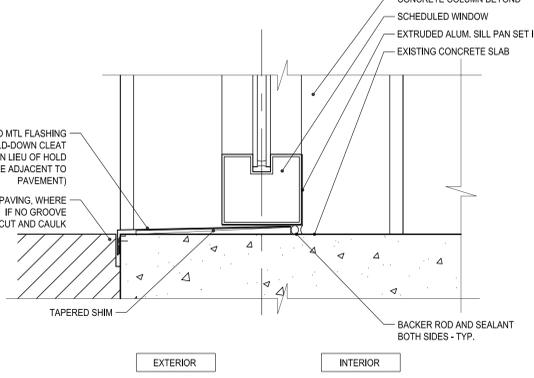
B1 45 DEGREE WALL BEYOND
SCALE: 3/8"=1'-0"



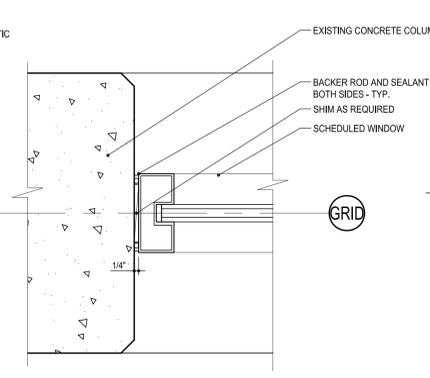
B2 JAMB AT BRICK
SCALE: 3/8"=1'-0"



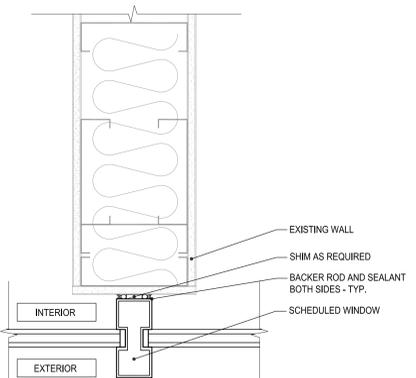
B3 HEAD AT SOFFIT
SCALE: 3/8"=1'-0"



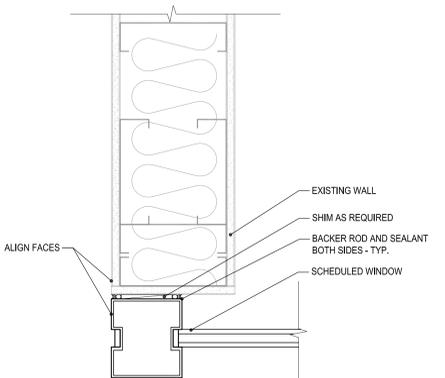
B5 WINDOW SILL DETAIL
SCALE: 3/8"=1'-0"



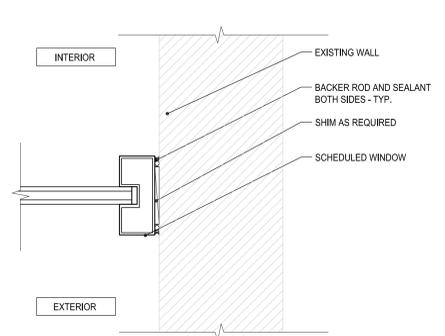
B6 WINDOW JAMB DETAIL
SCALE: 3/8"=1'-0"



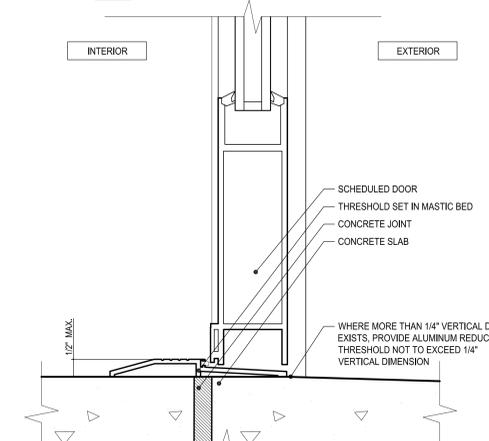
A1 PERP. WALL BEYOND
SCALE: 3/8"=1'-0"



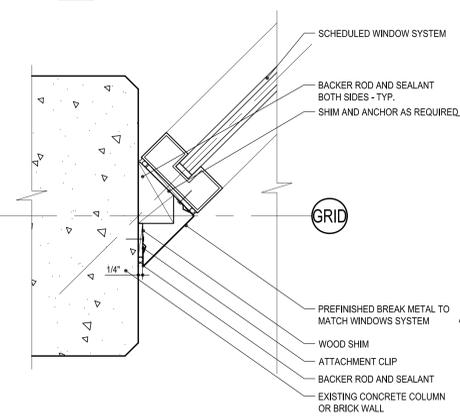
A2 WINDOW AT WALL END
SCALE: 3/8"=1'-0"



A3 JAMB AT PERP. EXISTING WALL
SCALE: 3/8"=1'-0"



A5 THRESHOLD DETAIL
SCALE: 6/8"=1'-0"



A6 JAMB AT 45 DEGREE
SCALE: 3/8"=1'-0"

**UVSC Window Replacement
PHASE I**
Orem, UT
Construction Documents

Revision #	Date
ADD. 1 - CHANGE OF SCOPE COMPLETE SET REISSUED	05.05.2008
ADD. 2 - CHANGE OF SCOPE COMPLETE SET REISSUED	05.14.2008

Axis Job # 0701
Owner # 0606790
Date 05-14-2008
Drawn
Checked

DETAILS

AE601

Axis Architects

352 SOUTH DENVER STREET(440 EAST)
SALT LAKE CITY UTAH 84111
P. 305-3003 F. 305-0113

HW SET: AL-01
DOOR NUMBER:
WB1

EACH TO HAVE:

-	-	RE-USE EXISTING HINGES PREP DOORS ACCORDINGLY			
1	EA	REMOV. MULLION	L980	600	SAR
1	EA	EXIT DEVICE	16-19-43-GL-MD8810	20D	SAR
1	EA	EXIT DEVICE	16-19-43-GL-MD8813	20D	SAR
1	EA	RIM CYLINDER	34	20D	SAR
4	EA	MTSE CYL, SGT CAM	41	20D	SAR
2	EA	OFFSET DOOR PULL	8190-0	613	IVE
1	EA	SURFACE CLOSER	4041 EDA X MC X 18	690	LCN
1	EA	AUTO-EQUALIZER	4642 FC	689	LCN
2	EA	OVERHEAD STOP	100S-ADJ	313	GLY
1	EA	KEYSWITCH	653-04	630	SCE
1		RE-USE EXISTING ACTUATORS			
1		THRESHOLD AND PERIMETER SEAL BY DOOR			B/O
		MFG			

KEYSWITCH TO TURN OFF/ON EXTERIOR ACTUATOR.

HW SET: AL-02
DOOR NUMBER:
PS1

EACH TO HAVE:

2	EA	CONTINUOUS HINGE	112HD	313	IVE
1	EA	REMOV. MULLION	L980	600	SAR
1	EA	EXIT DEVICE	16-19-43-GL-MD8810	20D	SAR
1	EA	EXIT DEVICE	16-19-43-GL-MD8813	20D	SAR
1	EA	RIM CYLINDER	34	20D	SAR
4	EA	MTSE CYL, SGT CAM	41	20D	SAR
2	EA	OFFSET DOOR PULL	8190-0	613	IVE
1	EA	SURFACE CLOSER	4041 EDA X MC X 18	690	LCN
1	EA	AUTO-EQUALIZER	4642 FC	689	LCN
2	EA	OVERHEAD STOP	100S-ADJ	313	GLY
1	EA	KEYSWITCH	653-04	630	SCE
1		RE-USE EXISTING ACTUATORS			
1		THRESHOLD AND PERIMETER SEAL BY DOOR			B/O
		MFG			

KEYSWITCH TO TURN OFF/ON EXTERIOR ACTUATOR.

HW SET: AL-03
DOOR NUMBER:
PS2 WB2

EACH TO HAVE:

2	EA	CONTINUOUS HINGE	112HD	313	IVE
2	EA	PULL/PUSHBAR	9190-0	613	IVE
1	EA	SURFACE CLOSER	4041 EDA X MC X 18	690	LCN

1	EA	AUTO-EQUALIZER	4642 FC	689	LCN
2	EA	OVERHEAD STOP	100S-ADJ	313	GLY
1			RE-USE EXISTING ACTUATORS		
1			THRESHOLD AND PERIMETER SEAL BY DOOR		B/O
			MFG		

HW SET: AL-04
DOOR NUMBER:
PS3

EACH TO HAVE:

1	EA	CONTINUOUS HINGE	112HD	313	IVE
1	EA	EXIT DEVICE	16-19-43-GL-MD8813	20D	SAR
1	EA	RIM CYLINDER	34	20D	SAR
1	EA	MTSE CYL, SGT CAM	41	20D	SAR
1	EA	OFFSET DOOR PULL	8190-0	613	IVE
1	EA	SURFACE CLOSER	4041 EDA X MC X 18	690	LCN
1	EA	OVERHEAD STOP	100S-ADJ	313	GLY
1			THRESHOLD AND PERIMETER SEAL BY DOOR		B/O
			MFG		

KEYSWITCH TO TURN OFF/ON EXTERIOR ACTUATOR

HW SET: AL-05
DOOR NUMBER:
BA1

EACH TO HAVE:

1	EA	CONTINUOUS HINGE	112HD	313	IVE
1	EA	MORTISE THUMBTURN	4066	313	ADA
1	EA	MTSE CYL, SGT CAM	41	20D	SAR
1	EA	DEADLATCH	4530	313	ADA
1	EA	DEADLATCH PADDLE	4590	313	ADA
1	EA	PULL/PUSHBAR	9190-0	613	IVE
1	EA	SURFACE CLOSER	4041 EDA X MC X 18	690	LCN
1	EA	OVERHEAD STOP	100S-ADJ	313	GLY
1			THRESHOLD AND PERIMETER SEAL BY DOOR		B/O
			MFG		

HW SET: AL-06
DOOR NUMBER:
SA1

4	EA	CONTINUOUS HINGE	112HD	313	IVE
2	EA	REMOV. MULLION	L980	600	SAR
3	EA	EXIT DEVICE	16-19-43-GL-MD8810	20D	SAR
1	EA	EXIT DEVICE	16-19-43-GL-MD8813	20D	SAR
1	EA	RIM CYLINDER	34	20D	SAR
5	EA	MTSE CYL, SGT CAM	41	20D	SAR
4	EA	OFFSET DOOR PULL	8190-0	613	IVE
4	EA	SURFACE CLOSER	4041 EDA X MC X 18	690	LCN
4	EA	OVERHEAD STOP	100S-ADJ	313	GLY
1			THRESHOLD + PERIMETER SEAL BY DOOR MFG		B/O