



State of Utah

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Lieutenant Governor

Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

DAVID G. BUXTON
Director

ADDENDUM #1

Date: April 6, 2009

To: Contractors

From: Michael Ambre, Project Manager, DFCM

Reference: Credit Union Improvements
Utah Valley University – Orem, Utah
DFCM Project No. 08308790

Subject: **Addendum No. 1**

Pages	Addendum	1 page
	<u>Architects Addendum</u>	<u>16 pages</u>
	Total	17 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 no changes to the project schedule.
- 1.2 **GENERAL** – Axis Architects – Specifications and Drawings.

Utah!
Where ideas connect

ADDENDUM - 1

Project: UVU Credit Union Improvements
DFCM Project Number: 08308790
Axis Project Number: 0809
To: Mike Ambre
From: Axis Architects
Date: April 3, 2009

Please make the following revisions to the construction documents:

General:

1. Materials purchased for this project shall be tax exempt.
2. Actuators will be mounted on hollow metal door frames. Coordinate exact location with architect in field
3. Wall surrounding office will intersect with existing and new HVAC and plumbing. For sound isolation, gypsum board is to be installed with no more than ½" gap around these elements. Gap to be caulked.
4. For dust control, the existing door and opening to remain shall be used as a barrier to dust control. While the door is removed, place plastic or plywood to serve as a dust barrier.
5. A temporary office on site will not be required for this project.
6. Portable temporary toilets will not be required; provided the use of UVU's facilities by the Contractor does not create a cleanliness or maintenance problem. If UVU identifies that there is a problem, they can require portable toilets for Contractor use.

Submitted Questions with answers:

Group 1:

1. What kind of blinds do you want the GC to provide? there are no specs for it?
 - Please see the attached Specification Section - 12 49 00 Horizontal Louver Blinds.
2. In the Pre bid meeting you guys mentioned that the state contractor was going to take care of the carpet, but the specs calls for the Gc to provide & install?? who is the state contractor? is it wall to wall still?
 - This has changed. Carpet and Base will be provided by the tenant after occupancy. Carpet and Base are Not In Contract.
3. There is not specs on the resilient flooring (rubber base)?
 - Carpet and Base will be provided by the tenant after occupancy. Carpet and Base are Not In Contract.
4. I talked to Wally about detail A4/AE602, I didn't think it was going to work? so you'll guys will clarify that as well
 - It will be acceptable to use a sheet metal angle instead of a cold-rolled angle.
5. Plans call for sound insulation at the office and the restroom perimeter... where is that rest room perimeter???. see note 2 in AE101
 - There are no restrooms as part of this project; this is a generic note that doesn't apply to this project.
6. Who's taking care of the independent soil testing agency? it is my understanding that the Owner is responsible for all the special testing. Please confirm.
 - Special Inspections and Independent Soil Testing Agency will be covered by DFCM. Provide an allowance of \$500.00 for two shallow test pits; return to Owner if not used.

Group 2:

1. In the specifications 03 45 00- there is only one supplier approved. Can any supplier provide for this? There are about 4 more in the valley that can perform this work just fine.
 - See below for a prior approved bidders.
2. Item #8 in the DFCM roofing design requirements states that all single ply roofing systems shall be mechanically fastened not ballasted. This spec calls for ballasted. Is the ballasted system going to be allowed on this project?
 - Because this roof is adjacent to a walking surface, it has been decided that this roof should be ballasted for appearance. Because it will be ballasted, it does not need to be mechanically fastened. Please note that the membrane is shall be reinforced.
3. On the front page of the plans only 2 manufactures of roofing membrane are approved but in the specifications there are 5 listed. Please clarify.
 - The systems listed on Drawing Sheet G1101 are UL Assemblies. The successful bidder will be required to provide an equivalent UL Listed Assembly, if it is not listed on G1101.
4. Specification section 095100.3.3.B.6- Clarification the ceiling system CAN NOT be attached to the roof deck but must be suspended by other means.
 - All bidders should be aware that the Specification excludes attachment to the roof decking.
5. There is a preferred subcontractor list for Fire suppression subs. Can Kimco Fire and Preferred Fire be added to this list. Both have done DFCM work and Kimco has done various projects at UVU?
 - Kimco and Preferred Fire are acceptable Fire Suppression Subcontractors.
6. Can the existing fire alarm system manufacturer be listed in the addenda?
 - The existing fire alarm system manufacturer is Simplex.
7. Blinds are noted on all windows on AE001 General note #6 but no specifications are listed in the book.
 - Please see the attached Specification Section - 12 49 00 Horizontal Louver Blinds.
8. Can the Campus Paint schedule for mechanical/Electrical items please be provided?
 - See Attached
9. On Sheet AE001 General note "Soils & Excavation" it calls out to add in an allowance for test holes. There is no allowance schedule in the specifications nor on the bid sheet. Please clarify.
 - Special Inspections and Independent Soil Testing Agency will be covered by DFCM. Provide an allowance of \$500.00 for two shallow test pits; return to Owner if not used.
10. B2/AE601 is not feasible to install with the 3/8" dowel epoxied in and the bottom bar of the railing. Please review and clarify.
 - it will be acceptable to weld the bottom bar of the guardrail on site, to allow for installation of the pre-cast concrete cap. If welded on site; protect all adjacent materials from potential damage caused by welding.
11. B4/AE601 and 1/M501 are both detail for the RTU roof curb but are not the same. In addition it appears there is a spec for an isolator curb unit. Please clarify which is the desired end product.
 - B4/AE601 addresses roofing, flashing and waterproofing. 1/M501 addresses prefab curb requirements. Adaptation will need to be made based on the successful bidders prefab curb. In the event of a conflict, bid the more expensive option. See Specification Section 27 34 13 below, which eliminates isolation curbs.
12. Sheet AE301 has two different details labeled A4
 - The Detail to the right, at Grid G.0 should be labeled A5. On A1/AE101, the Wall Section through Grid G.0 should be labeled A5/AE301.
13. SW2/SE001 Notes an "Independent" Special inspector is this covered by the owner?
 - Special Inspections and Independent Soil Testing Agency will be covered by DFCM. Provide an allowance of \$500.00 for two shallow test pits; return to Owner if not used.
14. 3/SE301 detail has a top anchor plate for the steel post that will conflict with the window system. Is there a plan/detail for this?

- See the attached Revised Drawing Sheet SE301; Detail 3/SE301. The item that has changed is the attachment of the tube steel to the bottom of the concrete beam.
15. There is a concern for the attachment of the structural beam on the low end. It appears that there will only be 3" of beam to attach two ¾" bolts vertically to. This more than likely will be a problem. These beams have a huge amount of rebar in the bottom 6" and that close to the edge will very possibly cause a breakout of the concrete on the beam.
- The structural beam on the low end shall be attached where the concrete verticals occur at third points between the grids.
16. Sheet EG001 "Bidding Requirements" Note #1 notes prior approval before bidding. Is this just for substitutions of lights/equipment, or does this apply to Electrical contractors?
- This pertains to products. No prior approval requests were received.

Group 3:

1. Telephone question from Steel Encounters on April 2, 2009, regarding allowable deck shear capacity.
- The allowable deck shear capacity in General Note V, S6, B; shall be 1200 plf.

Specifications:

- 00 00 01 Remove the previously issued Table of Contents and replace it with the attached 00 00 01 Table of Contents.
- 09 51 00 095100.3.3.B.6 & 095100.3.3.B.8 – all bidders should be aware that the Specification excludes attachment to the roof decking; the ceiling must be suspended from joists and/or by other means.
- 09 91 00 See the attached Paint Schedule for UVU Mechanical, Electrical & Other systems. These colors are standard for UVU unless noted otherwise, or subsequently directed otherwise.
- 12 49 00 Insert the attached Specification Section - 12 49 00 Horizontal Louver Blinds.
- 23 09 00 Replace 2.2.A with the following:
A. Rooftop unit specific controls shall be provided to the rooftop unit manufacturer for factory installation or shall be field installed by the contractor.
- 27 34 13 Refer to Part 2, item 2.2.P. Delete "Provide Isolation Curbs."
- 28 31 11 28 31 11, 2.1, A, 1 - The existing Fire Alarm System is Simplex.

Drawings:

- AE001 Notes General, Soils and Excavation, Note 1, Add: Provide an allowance of \$500.00 for two shallow test pits; return to Owner if not used.
- AE101 Finish Legend – F1 Carpet Tile, -Add 'By Others'
Finish Legend – B1 –Change Rubber Base to 'Carpet Base By Others'
A1/AE101 - the Wall Section through Grid G.0 should be labeled A5/AE301.
- AE301 Change the detail to the far right, at Grid G.0, to A5.
- AE601 B2/AE601 – it will be acceptable to weld the bottom bar of the guardrail on site, to allow for installation of the pre-cast concrete cap. If welded on site; protect all adjacent materials from potential damage caused by welding.
- AE602: A4/AE602 - It will be acceptable to use a sheet metal angle instead of a cold-rolled angle.

SE301 Replace the previously issued Drawing Sheet SE301 with the attached Revised Drawing Sheet SE301.

EP301 Add to keynote 1 "See architectural for locations of ADA actuators and operators."

Prior Approvals:

Subcontractors: Kimco	Fire Suppression Subcontractor	Approved
Preferred Fire	Fire Suppression Subcontractor	Approved
Unlimited Design	Pre-Cast Concrete Subcontractor	Approved
Brailsford Precast	Pre-Cast Concrete Subcontractor	Approved
(An approved mockup will be required before proceeding)		
Oh-Well Precast	Pre-Cast Concrete Subcontractor	Approved
(An approved mockup will be required before proceeding)		

Products: The following manufacturers, trade names and products are allowed to bid on a name brand only basis with the provision that they completely satisfy all and every requirement of the drawings, specifications and all addenda shall conform to the design, quality and standards specified, established and required for the complete and satisfactory installation and performance of the building and all its respective parts.

Item	Manufacturer	Comments
Registers, Grilles, Diffusers	Carnes	Approved

Attachments:

00 00 01 Table of Contents
12 49 00 Horizontal Louver Blinds
Campus Paint Schedule for Mechanical/Electrical/Other Items
Revised Drawing Sheet SE301

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End of Addendum

UVSC Standard Colors

KWAL - HOWELLS Millennium Colors

<u>Color</u>	<u>Where</u>	<u>Number</u>
Java Green	HVAC	AC098N
Sunburry Low Hide	Cold water supply	AC105Y
El Sol Low Hide	Cold water return	AC106Y
Serengeti Sun Low Hide	Hot water return	AC108Y
Fire King Red Low Hide	Hot water supply	AC110N
Lime Burst	Domestic water supply and return	7205A
Blue Brilliance	Control compressed air	AC079N
Sizzling Haute	Electrical	AC119R
Manganese	Handrails/Door& Window Frames	8826N
<i>Sizzling Haute</i>	Fire Sprinkler	<i>AC079N</i>
Oyster White -Satin	Walls	(Horizon or Jones Paint and Glass)

~~UVSC CHILLER PLANT UPGRADE~~

~~1) UVSC Classic 99 Camignolo Enamel AA0 Series
2) UVSC Classic 99 Camignolo Enamel AA0 Series
Camignolo's ceiling.~~

~~Concrete Masonry Unit~~

~~UVSC Paint Color Standards~~

~~Euclid Architectural Seal VO~~

UVU

PAINT COLORS - CAMPUS STANDARDS		
KEY	PAINT COLOR	MANUFACTURER
Fire Protection Lines & High-Voltage Elect.	Red	Fuller
Roof drain	Campus Brown	
Hot Water	C131 C Ultra Orange (C119)	Fuller
Hot Water	AA30 Sundown	Fuller
Chilled Water	AA22 Poppy	Fuller
Cold Water	A126A Ultra Yellow (A121)	Fuller
Hot Water	G131G Lime Crunch (F116)	Fuller
Natural Gas	F122F Electra Color (F121)	Fuller
Air	D126D Belaire Blue (D126)	Fuller
Waste	Campus Brown	
Metal Deck	116-335 Matte Black Laquer	All-Steel
Structural Joists	V1595 Charcoal Brown	Spectra Guard (Carmel Steel Products)
Pipe Rails	Campus Brown	
Cabinets	20913 Smoke Pearl	Glidden
Gypsum Board	H10H White Wing (G110)	Fuller
Wood	Natural	Minwax Watco

Note: Even where specific paint color numbers are given, Contractor shall verify and match existing on-site Campus colors. Notify Engineer of any discrepancies.

KWZ

~~END OF SECTION~~

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Not Used

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Not Used

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PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following types of venetian blinds and accessories:
 - 1. Miniblinds with aluminum louver slats.
 - 2. Horizontal blinds for all exterior and interior borrow-light windows.
- B. Related Sections include the following:
 - 1. Division 6 Section "Miscellaneous Carpentry" for wood blocking and grounds for mounting horizontal louver blinds and accessories.

1.3 DEFINITIONS

- A. Miniblind: Venetian blind with nominal 1-inch- (25-mm-) wide louver slat.

1.4 SUBMITTALS

- A. Product Data: For each type of product indicated. Include styles, material descriptions, construction details, dimensions of individual components and profiles, features, finishes, and operating instructions.
- B. Shop Drawings: Show location and extent of horizontal louver blinds. Include elevations, sections, details, and dimensions not shown in Product Data. Show installation details, mountings, attachments to other Work, operational clearances, and relationship to adjoining work.
- C. Samples for Selection: For each colored component of each type of horizontal louver blind indicated.
 - 1. Include similar Samples of accessories involving color selection.
- D. Window Treatment Schedule: Include horizontal louver blinds in schedule using same room designations indicated on Drawings.
- E. Maintenance Data: For horizontal louver blinds to include in maintenance manuals. Include the following:
 - 1. Methods for maintaining horizontal louver blinds and finishes.
 - 2. Precautions about cleaning materials and methods that could be detrimental to finishes and performance.
 - 3. Operating hardware.

1.5 QUALITY ASSURANCE

- A. Source Limitations: Obtain horizontal louver blinds through one source from a single manufacturer.

- B. Fire-Test-Response Characteristics: Provide horizontal louver blinds with the fire-test-response characteristics indicated, as determined by testing identical products per test method indicated below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction:
 - 1. Flame-Resistance Ratings: Passes NFPA 701.
- C. Corded Window Covering Product Standard: Provide horizontal louver blinds complying with WCMA A 100.1.
- D. Mockups: Build mockups to verify selections made under sample Submittals and to demonstrate aesthetic effects and qualities of materials and execution.
 - 1. Build mockups in the location and of the size indicated or, if not indicated, as directed by Architect.
 - 2. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver blinds in factory packages, marked with manufacturer and product name, and location of installation using same room designations indicated on Drawings and in a window treatment schedule.

1.7 PROJECT CONDITIONS

- A. Environmental Limitations: Do not install horizontal louver blinds until construction and wet and dirty finish work in spaces, including painting, is complete and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- B. Field Measurements: Where horizontal louver blinds are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication and indicate measurements on Shop Drawings. Allow clearances for operable glazed units' operation hardware throughout the entire operating range. Notify Architect of discrepancies. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

1.8 EXTRA MATERIALS

- A. Furnish extra materials described below that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Horizontal Louver Blinds: Before installation begins, for each size, color, texture, pattern, and gloss indicated, full-size units equal to 5 percent of amount installed.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Horizontal Louver Blinds, Aluminum Louver Slats:
 - a. Hunter Douglas Window Fashions.
 - b. Levolor Contract; a Newell Company; Levolor.

c. Springs Window Fashions Division, Inc.; Bali.

2.2 HORIZONTAL LOUVER BLINDS, ALUMINUM LOUVER SLATS

- A. Louver Slats: Aluminum, alloy and temper recommended by producer for type of use and finish indicated; with crowned profile and radiused corners.
 - 1. Nominal Slat Width: 1 inch (25 mm) for miniblinds.
 - a. Slat Spacing: Every 18 mm for 16.7 slats or more per foot (18 mm).
 - 2. Nominal Slat Thickness: Not less than 0.008 inch (0.20 mm).
 - 3. Slat Finish: Colors as indicated.
 - a. Ionized Coating: Antistatic, dust-repellent, baked polyester finish.
- B. Headrail: Formed steel or extruded aluminum; long edges returned or rolled; fully enclosing operating mechanisms on three sides and ends; capacity for one blind per headrail, unless otherwise indicated on Drawings.
- C. Bottom Rail: Formed-steel or extruded-aluminum tube, sealed with plastic or metal capped ends top contoured to match crowned shape of louver slat; with enclosed and protected ladders and tapes to prevent their contact with sill.
- D. Maximum Light Blocking Blinds: Designed for eliminating all visible light gaps if slats are tilted closed; with tight tape spacing indicated and slats with minimal-sized rout holes for ladders hidden and placed near back edge for maximum slat overlap; with headrail and bottom rail extended and formed for light-tight joints between rail and adjacent slats or construction.
- E. Tilt Control: Consisting of enclosed worm gear mechanism and linkage rod, for the following operation:
 - 1. Tilt Operation: Manual with clear plastic wand.
 - 2. Length of Tilt Control: Length required to make operation convenient from floor level.
 - 3. Tilt: Full.
- F. Lift Operation: Manual, cord lock; locks pull cord to stop blind at any position in ascending or descending travel.
- G. Tilt-Control and Cord-Lock Position: Right side and left side of headrail, respectively, unless otherwise indicated.
- H. Ladders: Evenly spaced to prevent long-term louver sag.
 - 1. For Blinds with Nominal Slat Width 1 Inch (25 mm) or Less: Braided string.
 - a. Tape Color, Texture, and Pattern: Color, texture, and pattern as selected by Architect from manufacturer's full range.
- I. Valance: Manufacturer's standard.
 - 1. Finish Color Characteristics: Match color, texture, pattern, and gloss of louver slats.
- J. Mounting: Wall or ceiling mounting permitting easy removal and replacement without damaging blind or adjacent surfaces and finishes; with spacers and shims required for blind placement and alignment indicated.
 - 1. Provide intermediate support brackets if end support spacing exceeds spacing recommended by manufacturer for weight and size of blind.
- K. Hold-Down Brackets and Hooks or Pins: Manufacturer's standard, as indicated.

- L. Side Channels and Perimeter Seals: Manufacturer's standard for eliminating light gaps when blinds are closed.
- M. Colors, Textures, Patterns, and Gloss: As selected by Architect from manufacturer's full range.

2.3 HORIZONTAL LOUVER BLINDS FABRICATION

- A. Product Standard and Description: Comply with AWCMA Document 1029, unless otherwise indicated, for each horizontal louver blind designed to be self-leveling and consisting of louver slats, rails, ladders, tapes, lifting and tilting mechanisms, cord, cord lock, tilt control, and installation hardware.
- B. Concealed Components: Noncorrodible or corrosion-resistant-coated materials.
 - 1. Lifting and Tilting Mechanisms: With permanently lubricated moving parts.
- C. Unit Sizes: Obtain units fabricated in sizes to fill window and other openings as follows, measured at 74 deg F (23 deg C):
 - 1. Blind Units Installed between (Inside) Jambs: Width equal to 1/4 inch (6 mm) per side or 1/2 inch (12 mm) total, plus or minus 1/8 inch (3 mm), less than jamb-to-jamb dimension of opening in which each blind is installed. Length equal to 1/4 inch (6 mm), plus or minus 1/8 inch (3 mm), less than head-to-sill dimension of opening in which each blind is installed.
 - 2. Blind Units Installed Outside Jambs: Width and length as indicated, with terminations between blinds of end-to-end installations at centerlines of mullion or other defined vertical separations between openings.
- D. Installation Brackets: Designed for easy removal and reinstallation of blind, for supporting headrail and operating hardware, and for hardware position and blind mounting method indicated.
- E. Installation Fasteners: Not fewer than two fasteners per bracket, fabricated from metal noncorrosive to blind hardware and adjoining construction; type designed for securing to supporting substrate; and supporting blinds and accessories under conditions of normal use.
- F. Color-Coated Finish:
 - 1. Metal: For components exposed to view, apply manufacturer's standard baked finish, including metallic colors to match existing blinds, complying with manufacturer's written instructions for surface preparation including pretreatment, application, baking, and minimum dry film thickness.
- G. Component Color: Provide rails, cords, ladders, and exposed-to-view metal and plastic matching or coordinating with slat color, unless otherwise indicated.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, operational clearances, and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have

been corrected.

3.2 HORIZONTAL LOUVER BLIND INSTALLATION

- A. Install blinds level and plumb and aligned with adjacent units according to manufacturer's written instructions, and located so exterior louver edges in any position are not closer than 1 inch (25 mm) to interior face of glass. Install intermediate support as required to prevent deflection in headrail. Allow clearances between adjacent blinds and for operating glazed opening's operation hardware, if any.
- B. Flush Mounted: At APunched@ glazed areas install blinds with louver edges flush with finish face of opening if slats are tilted open.
- C. Head Mounted: At other glazed areas install headrail on face of opening head.

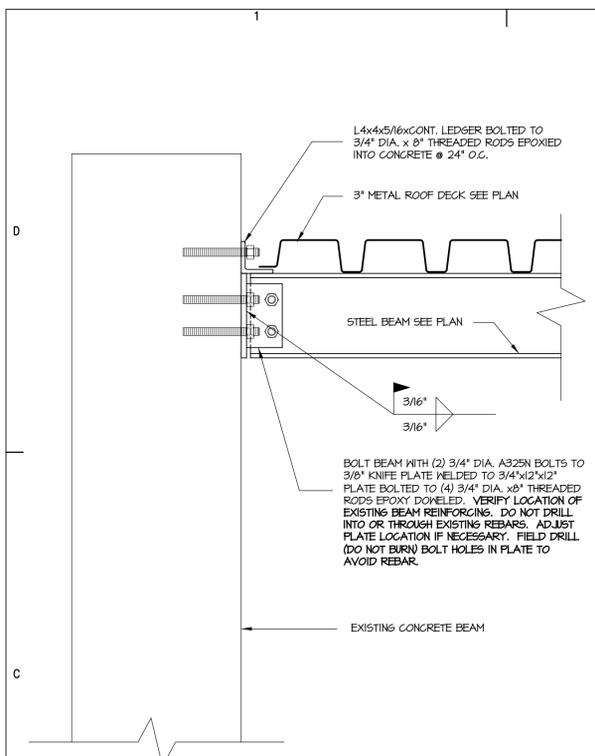
3.3 ADJUSTING

- A. Adjust horizontal louver blinds to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.

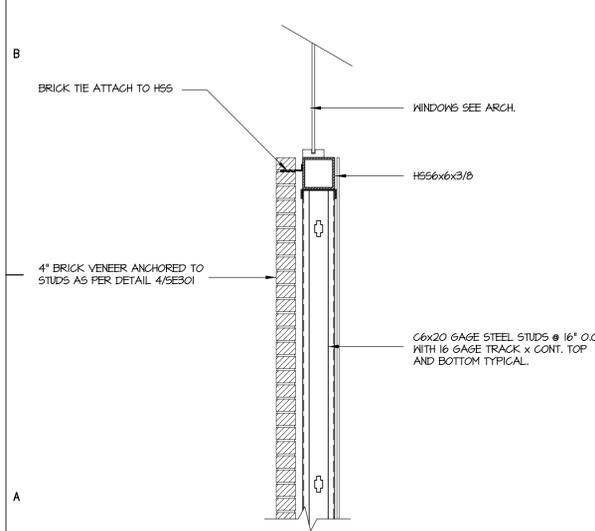
3.4 CLEANING AND PROTECTION

- A. Clean blind surfaces after installation, according to manufacturer's written instructions.
- B. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer, that ensure that horizontal louver blinds are without damage or deterioration at time of Substantial Completion.
- C. Replace damaged blinds that cannot be repaired, in a manner approved by Architect, before time of Substantial Completion.

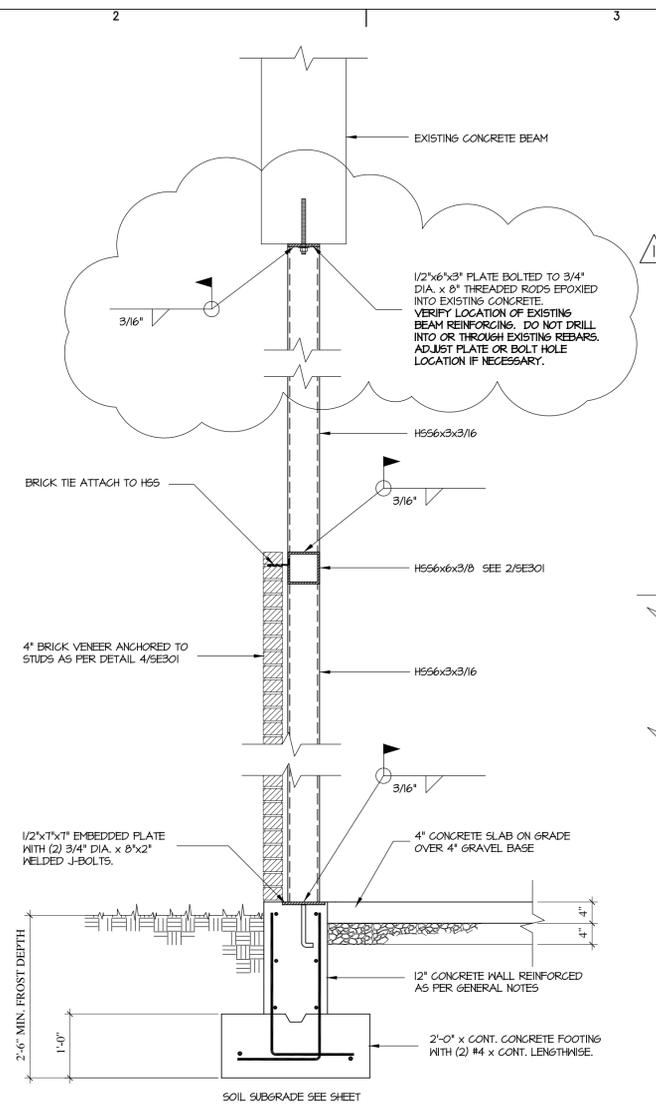
END OF SECTION 12 49 10



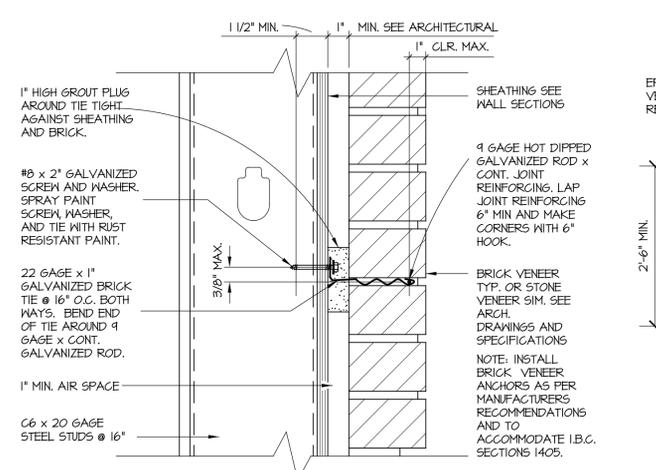
1
SCALE: 1 1/2" = 1'-0" SE301



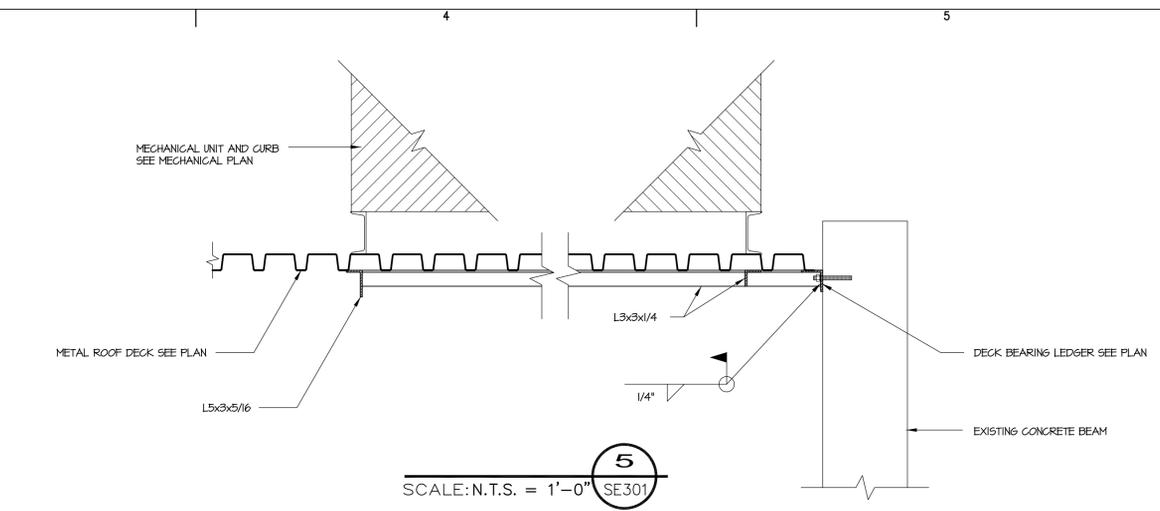
2
SCALE: 3/4" = 1'-0" SE301



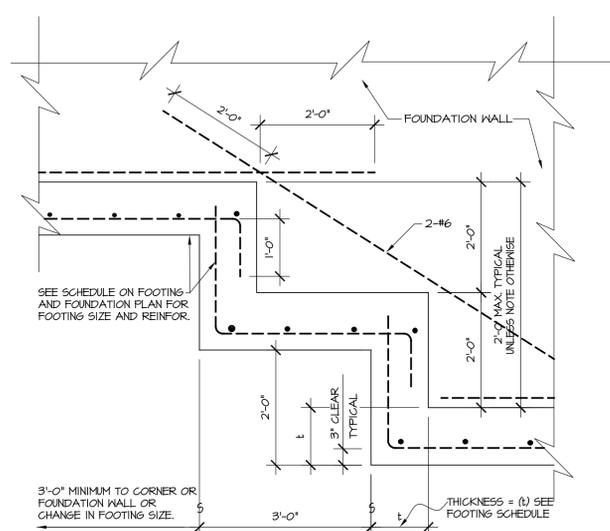
3
SCALE: 3/4" = 1'-0" SE301



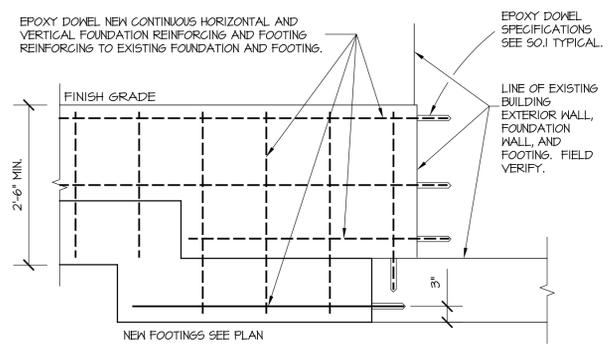
4
SCALE: N.T.S. = 1'-0" SE301



5
SCALE: N.T.S. = 1'-0" SE301

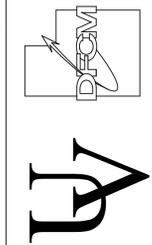


6
SCALE: N.T.S. = 1'-0" SE301



7
SCALE: 3/4" = 1'-0" SE301

NOTE: THIS DETAIL IS TYPICAL AT ALL FOOTING AND FOUNDATION WALLS--NEW TO EXISTING



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ADDENDUM #1 4-3-2009

Axis Job # 0721
Owner #
Date 3-02-2009
Drawn Tri
Checked Peter

STRUCTURAL DETAILS

SE301