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 #1

Date: May 13, 2008

To: Contractors

From: Tim Parkinson, Project Manager, DFCM

Reference: Promontory Hall HVAC Upgrade
Utah State Fair Park – Salt Lake City, Utah
DFCM Project No. 07211370

Subject: **Addendum No. 1**

Pages			
	Addendum	1	page
	Architects's Addendum	13	pages
	Total	14	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 ITEMS – See attached architectural specifications and drawings. Issued Monday, May 12, 2008. HFS Architects.**

HFS*ARCHITECTS*
1484 S. State St.
Salt Lake City, Utah 84115
801-596-0691 • Fax: 596-0693 • www.hfsa.com

Addendum No. 01

Project:	Promontory Hall HVAC Upgrades	Date:	12 May 2008
Address:	Utah State Fairpark	Project No.:	0740.01
City, State:	Salt Lake City, Utah	Owner No.:	**07211370**
Owner:	DFCM	Agency:	Utah State Fairpark

To all Bidders of Record:

This addendum forms a part of the contract documents and modifies the original specifications and drawings as noted below. Items of general information are included without reference to the plans and specifications. Revisions to the specifications are referenced by page number and paragraph heading on that page. Revisions to the drawings are reference by the drawing number. Unless otherwise stated, any changes herein offset only the specific drawings, words, or paragraphs mentioned, and the balance of the drawings and specifications remain in full force. Acknowledge receipt of this addendum in the space provided on the Bid form. Failure to do so will subject the Bidder to disqualification.

ARCHITECTURAL ADDENDUM

Item No.	Section or Sheet No.	Description
General Items:		
Specifications Items:		
1 -1	02821	Add the following Section attached to this addenda: SECTION 02821 - CHAIN LINK FENCES AND GATES
1 -2	09671	Add the following Section attached to this addenda: SECTION 09671 - RESINOUS FLOORING Note- this is for the epoxy resin floor in the restrooms- Alternate #1
Drawing Items:		
1 -3	AE101	Add a chain link fence around the condensing unit per SD 01
1 -4	AE201	Add detail C4/AE201 Chain Link Fence Section per SD 02.
1 -5	AE201	Add detail C5/AE201 Chain Link Gate Elevation per SD 03.
1 -6	AE201	Details D4 and D5, change reference to “solid surface” countertop to “engineered quartz” countertop.

Prior Approvals:

1 -7 The following manufacturers, trade names, and products are approved provided That they satisfy every requirement of the Drawings, Specifications, and all Addenda, and conform to the design, intent, and the quality, and standards specified.

Naming of an "approved manufacturer" does not mean that the manufacturer or product automatically complies with the design documents. Submittals must be acceptable in all respects to the project design team.

Product:	Manufacturer:
Grilles & Diffusers	Carnes, Greenheck, Anemostat / Krueger
Air Domes	Carnes
Louvers	Cesco, Louvers and Dampers / NCA, Greenheck
Condensing Unit	McQuay
Louvered Penthouse	Greenheck, Air Rite
Motorized Dampers	NCA
Manual Volume Dampers	Air Rite

Attachments:

1 -8	3 Pages	02821 CHAIN LINK FENCES AND GATES
1 -9	5 Pages	09761 RESINOUS FLOORING.
1 -10	1 Pages	Supplemental Drawing SD 01: Fence Plan
1 -11	1 Page	Supplemental Drawing SD 02: Chain Link Fence Section
1 -12	1 Page	Supplemental Drawing SD 03: Chain Link Gate Elevation.

02821 - CHAIN LINK FENCES AND GATES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Fence framework, fabric, and accessories.

B. Excavation for post bases; concrete foundation for posts.

C. Manual gates and related hardware.

D. Cast-in-Place Concrete: Concrete anchorage for posts and mow strip.

1.02 REFERENCES

A. ASTM A 153/A 153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2005.

B. ASTM A 392 - Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric; 2006.

C. ASTM F 567 - Standard Practice for Installation of Chain-Link Fence; 2000.

D. ASTM F 668 - Standard Specification for Polyvinyl Chloride (PVC) and Other Organic Polymer-Coated Steel Chain-Link Fence Fabric; 2006.

E. ASTM F 1083 - Standard Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures; 2006.

F. ASTM F 1665 - Standard Specification for Poly(Vinyl Chloride)(PVC) and Other Conforming Organic Polymer-Coated Steel Barbed Wire Used with Chain-Link Fence; 2001.

1.03 SUBMITTALS

A. See Section 01300 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide data on fabric, posts, accessories, fittings and hardware.

C. Shop Drawings: Indicate plan layout, spacing of components, post foundation dimensions, hardware anchorage, and schedule of components.

D. Project Record Documents: Accurately record actual locations of property perimeter posts relative to property lines and easements.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Chain Link Fences and Gates:
   1. Master-Halco, Inc.: www.fenceonline.com.
   2. Merchants Metals: www.merchantsmetals.com.
   3. Substitutions: See Section 01600 - Product Requirements.

2.02 MATERIALS

A. Posts, Rails, and Frames: ASTM F 1083 Schedule 40 hot-dipped galvanized steel pipe, welded construction, minimum yield strength of 30 ksi.

B. Wire Fabric: ASTM F 668 polymer-coated steel chain link fabric.

C. Concrete: Type specified in Section 03300.

2.03 COMPONENTS

A. Line Posts: 1.9 inch diameter.

B. Corner and Terminal Posts: 2.38 inch.

C. Gate Posts: 3.5 inch diameter.

D. Top and Brace Rail: 1.66 inch diameter, plain end, sleeve coupled.

E. Gate Frame: 1.66 inch diameter for welded fabrication.

F. Fabric: 2 inch diamond mesh interwoven wire, 6 gage thick, top selvage knuckle end closed, bottom selvage twisted tight.

G. Tension Wire: 6 gage thick steel, single strand.

2.04 ACCESSORIES

A. Caps: Cast steel galvanized; sized to post diameter, set screw retainer.

B. Hardware for Single Swinging Gates: 180 degree hinges, 2 for gates up to 60 inches high, 3 for taller gates; fork latch with gravity drop and padlock hasp; keeper to hold gate in fully open position.

C. Hardware for Double Swinging Gates: 180 degree hinges, 2 for gates up to 60 inches high, 3 for taller gates; drop bolt on inactive leaf engaging socket stop set in concrete, active leaf latched to inactive leaf preventing raising of drop bolt, padlock hasp; keepers to hold gate in fully open position.

2.05 FINISHES

A. Components and Fabric: Vinyl coating, black color as selected over coating of 1.8 oz/sq ft galvanizing.

B. Hardware: Hot-dip galvanized to weight required by ASTM A 153/A 153M.

C. Accessories: Same finish as framing.

PART 3 EXECUTION

3.01 INSTALLATION

A. Install framework, fabric, accessories and gates in accordance with ASTM F 567.

B. Place fabric on outside of posts and rails.

C. Line Post Footing Depth Below Finish Grade: ASTM F 567.

D. Corner, Gate and Terminal Post Footing Depth Below Finish Grade: ASTM F 567.

E. Brace each gate and corner post to adjacent line post with horizontal center brace rail and diagonal truss rods. Install brace rail one bay from end and gate posts.

F. Do not stretch fabric until concrete foundation has cured 28 days.

G. Stretch fabric between terminal posts or at intervals of 100 feet maximum, whichever is less.

H. Position bottom of fabric 2 inches above finished grade.

I. Fasten fabric to top rail, line posts, braces, and bottom tension wire with tie wire at maximum 15 inches on centers.

J. Attach fabric to end, corner, and gate posts with tension bars and tension bar clips.

K. Install gate with fabric to match fence. Install hardware.

3.02 ERECTION TOLERANCES

A. Maximum Variation From Plumb: 1/4 inch.

B. Maximum Offset From True Position: 1 inch.

END OF SECTION

SECTION 09671 - RESINOUS FLOORING

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:

1. Epoxy resin and ceramic granule flooring.
2. Epoxy resin and ceramic granule base.
3. Removal and reinstallation of toilet partitions system and toilets.

1.3 SUBMITTALS

A. Product Data: For each type of product specified. Include manufacturer's technical data, installation instructions, and recommendations for each resinous flooring component required.

B. Samples for Verification: Of each resinous flooring system required, minimum of 6 inches square, applied by Installer for this Project to a rigid backing, in color, texture, and finish to match existing. Where finishes involve normal color and texture variations, include Sample sets showing the full range of variations expected.

C. Installer Certificates: Signed by manufacturer certifying that installers comply with specified requirements.

D. Material Test Reports: From a qualified independent testing agency indicating and interpreting test results of the resinous flooring's reaction to chemicals and other reagents and substantiating compliance with requirements.

E. Material Certificates: In lieu of material test reports, when permitted by Architect, signed by manufacturers certifying that materials furnished comply with requirements.

F. Maintenance Data: For resinous flooring to include in the maintenance manuals specified in Division 1.

1.4 QUALITY ASSURANCE

A. Installer Qualifications: Engage an experienced installer (applicator) who has specialized in installing resinous flooring similar in material, design, and extent to that indicated for this Project and who is acceptable to resinous flooring manufacturer.

1. Engage an installer who is certified in writing by resinous flooring manufacturer as qualified to install resinous flooring systems specified.

B. Source Limitations: Obtain primary resinous flooring materials, including primers, resins, hardening agents, and sealing or finish coats, through one source from a single manufacturer. Provide secondary materials including patching and fill material, joint sealant, and repair materials of type and from source recommended by manufacturer of primary materials.

C. Field Samples: On floor area selected by Architect, provide full-thickness resinous flooring system samples that are at least 48 inches square to demonstrate texture, color, thickness, chemical resistance, cleanability, and other features of each resinous flooring system required. Simulate finished lighting conditions for review of in-place field samples.

1. If field samples are unacceptable, make adjustments to comply with requirements and apply additional samples until field samples are approved.
2. After field samples are approved, these surfaces will be used to evaluate resinous flooring.
3. Obtain Architect's approval of field samples before applying resinous flooring.
4. Final approval of colors will be from field samples, not samples submitted for verification.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials in original packages and containers, with seals unbroken, bearing manufacturer's labels indicating brand name and directions for storage and mixing with other components.

B. Store materials to comply with manufacturer's written instructions to prevent deterioration from moisture, heat, cold, direct sunlight, or other detrimental effects.

1.6 PROJECT CONDITIONS

A. Environmental Limitations: Comply with resinous flooring manufacturer's written instructions for substrate temperature, ambient temperature, moisture, ventilation, and other conditions affecting resinous flooring installation.

B. Lighting: Provide permanent lighting or, if permanent lighting is not in place, simulate permanent lighting conditions during resinous flooring installation.

C. Close spaces to traffic during resinous flooring application and for not less than 24 hours after application, unless manufacturer recommends a longer period.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Subject to compliance with requirements, provide one of the following:

1. Manufacturers:
   a. Dura-flex
   b. Arizona Polymers
   c. General Polymers

2.2 INSTALLER

A. Subject to compliance with requirements, provide installer certified by one of the approved manufacturers:

2.3 MATERIALS

A. Resinous Flooring: Resinous floor surfacing system consisting of primer; body coats including resin, hardener, colored aggregates (ceramic granules); and finish coats. Comply with requirements indicated in the Resinous Flooring Schedule.

1. Reinforcing Membrane: Manufacturer's flexible resin recommended for crack isolation to help prevent substrate cracks from reflecting through resinous flooring.

   a. Provide fiberglass scrim embedded in reinforcing membrane.

B. Patching and Fill Material: Resinous product of or approved by resinous flooring manufacturer and recommended by manufacturer for application indicated.

C. Joint Sealant: Type recommended or produced by resinous flooring manufacturer for type of service and joint condition indicated.

PART 3 - EXECUTION

3.1 PREPARATION

A. General: Prepare and clean substrate according to resinous flooring manufacturer's written instructions for substrate indicated. Provide clean, dry, and neutral substrate for resinous flooring application.

B. Temporarily remove the existing toilet partition system to allow installation of the new epoxy floor and re-install partition system after floor has cured sufficiently.

C. Temporarily remove the existing toilets to allow installation of the new epoxy floor and re-install toilets after floor has cured sufficiently.

D. Concrete Substrates: Provide sound concrete surfaces free of laitance, glaze, efflorescence, curing compounds, form-release agents, dust, dirt, grease, oil, and other contaminates incompatible with resinous flooring.

1. Comply with ASTM C 811 requirements, unless manufacturer's written instructions are more stringent.
2. Shot-blast surfaces to a minimum of 5 mil profile with an apparatus that abrades the concrete surface, contains the dispensed shot within the apparatus, and re-circulates the shot by vacuum pickup (Blast Track).
3. Repair damaged and deteriorated concrete according to resinous flooring manufacturer's written recommendations.
4. Hand grind existing concrete floor as required to allow the new epoxy floor to flush out with the existing floor drain.

E. Resinous Materials: Mix components and prepare materials according to resinous flooring manufacturer's written instructions.

F. Use acrylic or latex modified patching and fill material to fill holes and depressions in substrates according to manufacturer's written instructions.

G. Treat control joints and other nonmoving substrate cracks to prevent cracks from reflecting through resinous flooring according to manufacturer's written recommendations.

3.2 APPLICATION

A. General: Apply components of resinous flooring system according to manufacturer's written instructions to produce a uniform, monolithic wearing surface.

1. Color and Pattern: Match architects sample (black, white, grey mix)
2. Total Thickness: 3/16 inch.
3. Surface Texture: Orange Peel
4. Coordinate application of components to provide optimum adhesion of resinous flooring system to substrate and optimum intercoat adhesion.
5. Cure resinous flooring components according to manufacturer's written instructions. Prevent contamination during application and curing processes.

B. Apply primer over prepared substrate at manufacturer's recommended spreading rate.

C. Apply reinforcing membrane to substrate cracks.

D. Apply self-leveling slurry body coat.

1. Broadcast aggregates and, after resin is cured, remove excess aggregates.

E. Apply second self-leveling slurry body coat.

1. Broadcast aggregates and, after resin is cured, remove excess aggregates to provide surface texture indicated. If required, power sand to remove high spots and roughness.

F. Apply clear glaze coat with squeegee. If required, sand to remove marks and roughness.

G. Integral Cove Base: Apply cove base mix to wall surfaces at locations indicated. Round internal and external corners. Install cove base according to manufacturer's written instructions and details

including taping, mixing, priming, troweling, sanding, and topcoating of cove base. Note: base installation is over existing ceramic wall tile- roughen tile as required and install base to the first grout joint.

H. Apply two clear urethane finish coats. Apply at spreading rates recommended in writing by manufacturer.

3.3 FIELD QUALITY CONTROL

A. Material Sampling: Owner may at any time and any number of times during flooring application require material samples for testing for compliance with requirements.

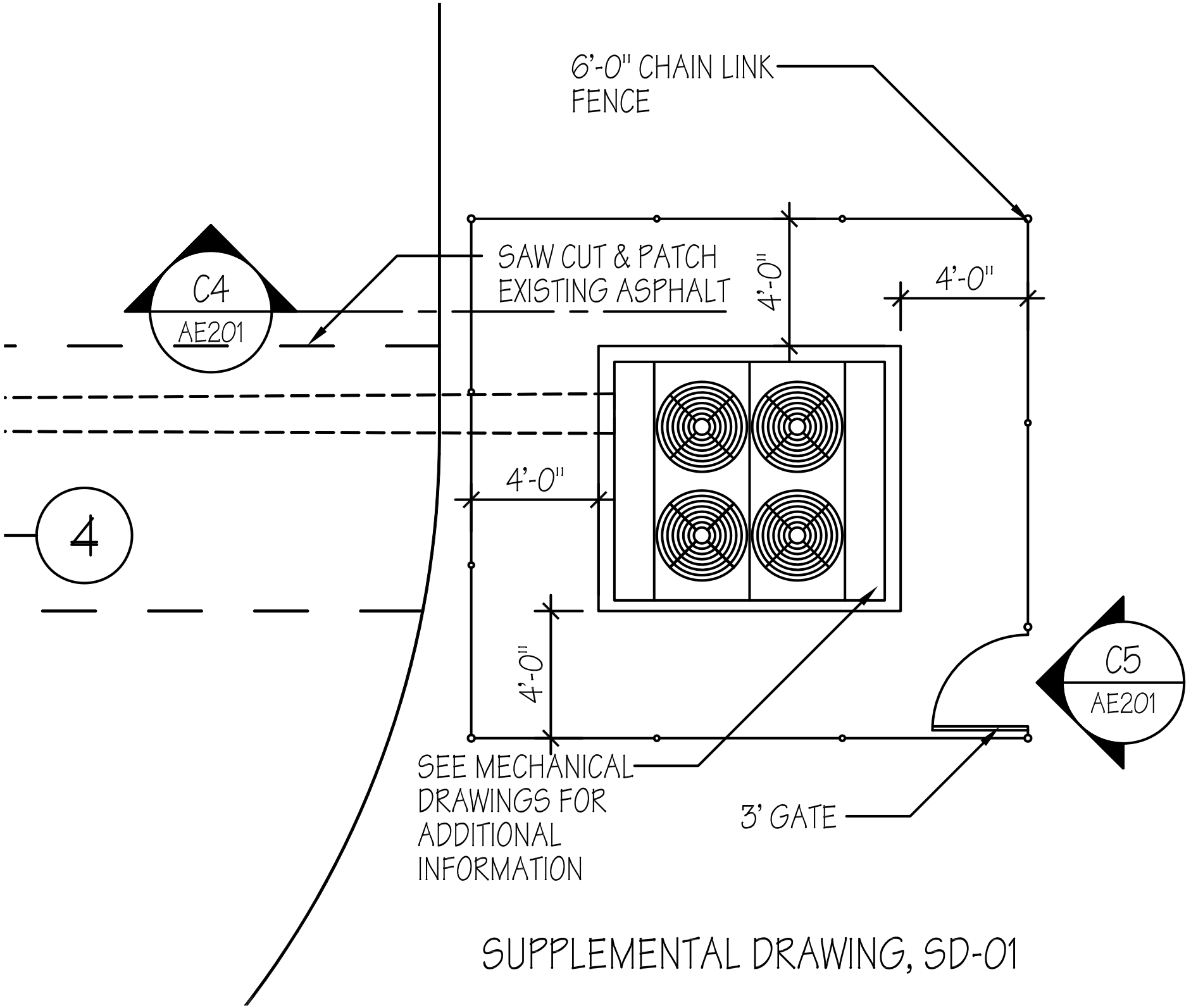
1. Owner will engage an independent testing agency to take samples of materials being used. Material samples will be taken, identified and sealed, and certified in presence of Contractor.
2. Testing agency will test samples for compliance with requirements, using applicable referenced testing procedures or, if not referenced, using testing procedures listed in manufacturer's Product Data.
3. If test results show installed materials do not comply with specified requirements, pay for testing, remove noncomplying materials, prepare surfaces coated with unacceptable materials, and reapply flooring materials to comply with requirements.

3.4 CLEANING AND PROTECTING

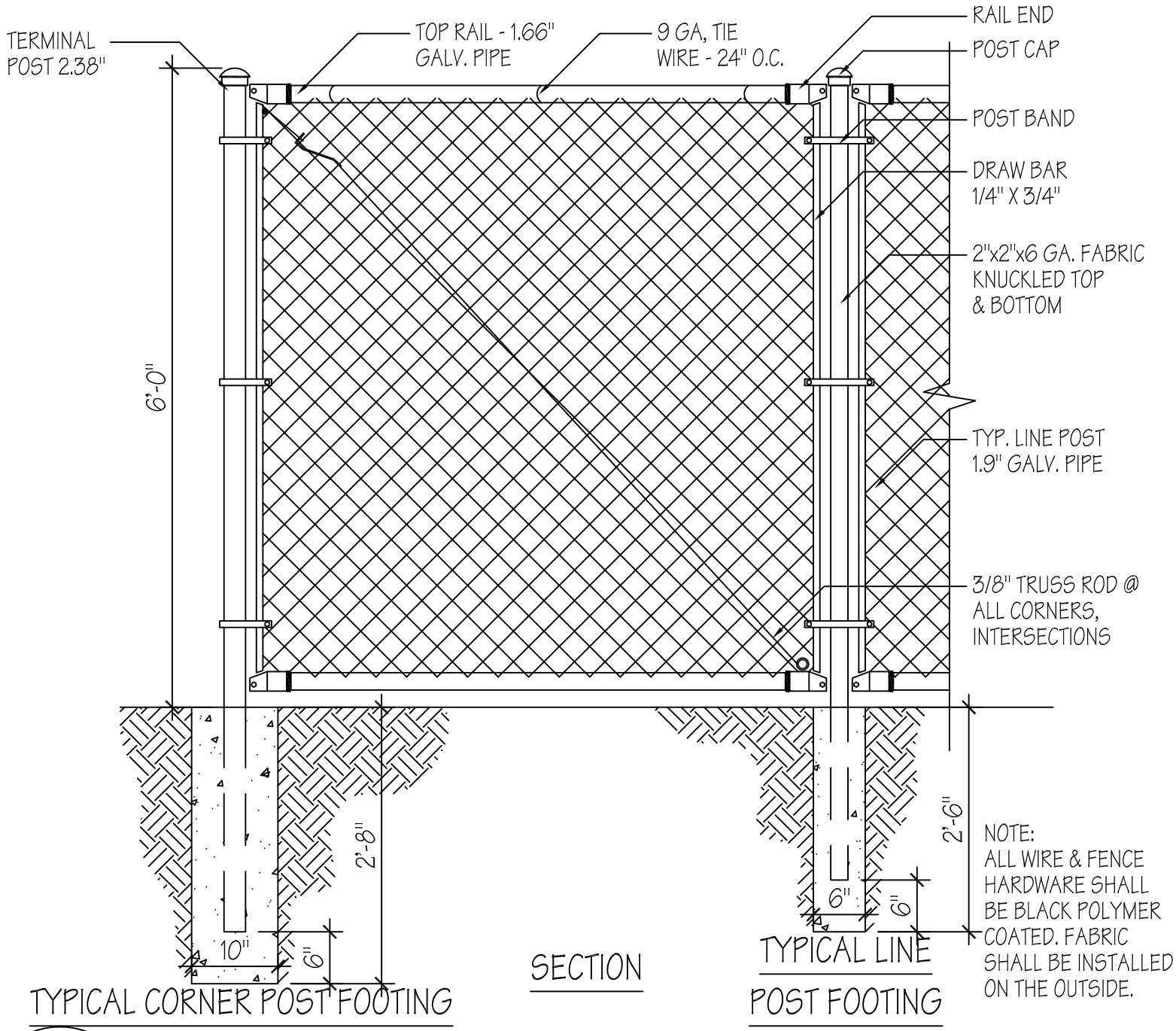
A. Protect resinous flooring from damage and wear during the remainder of construction period. Use protective methods and materials, including temporary covering, recommended in writing by resinous flooring manufacturer.

B. Clean resinous flooring not more than 4 days before dates scheduled for inspections intended to establish date of Substantial Completion in each Project area. Use cleaning materials and procedures recommended in writing by resinous flooring manufacturer.

END OF SECTION 09671



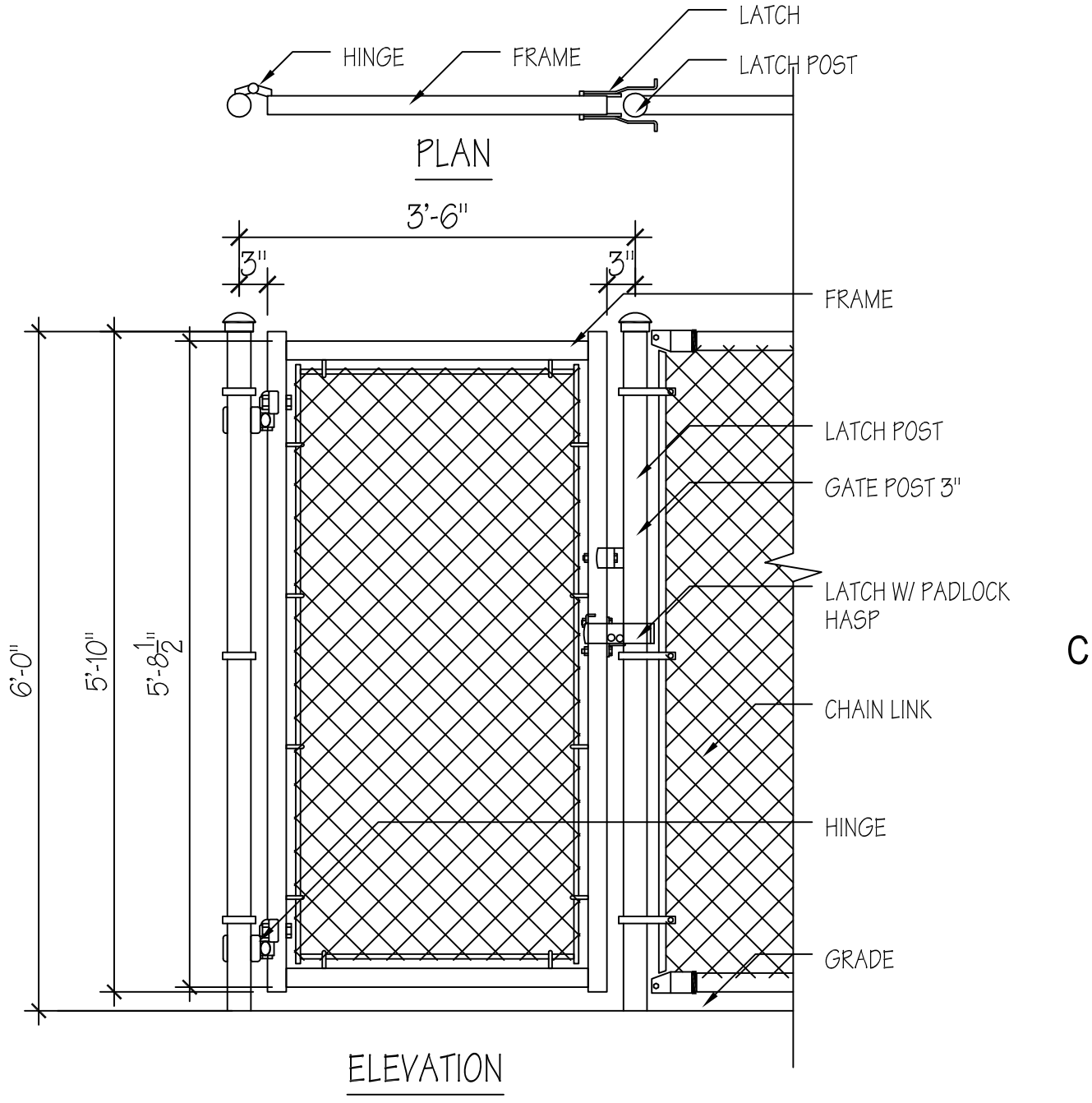
SUPPLEMENTAL DRAWING, SD-01



C4 CHAIN LINK FENCE SECTION

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

SUPPLEMENTAL DRAWING, SD-02



C

C5 CHAIN LINK GATE ELEVATION

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

SUPPLEMENTAL DRAWING, SD-03