

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE	PAGE 1 OF 10 PAGES
2. AMENDMENT/MODIFICATION NO. Amendment No. 0003		3. EFFECTIVE DATE 8/05/11	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) 100031	
6. ISSUED BY Officer in Charge of Construction MCI-East 1005 MICHAEL ROAD, CAMP LEJEUNE NC 28547-2521		CODE bab	7. ADMINISTERED BY (If other than Item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			(X)	9A. AMENDMENT OF SOLICITATION NO. N40085-10-R-0031	
			X	9B. DATED (SEE ITEM 11) 7/21/11	
				10A. MODIFICATION OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 11)	
CODE		FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;  
 or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Project 100031 Repairs to BEQ Building BB260

See Continuation Sheet

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED		16C. DATE SIGNED	
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

Continuation Sheet

1. Question: Drawing A-403; Detail 11 - indicates that sleeves are required where ducts penetrate load bearing walls. Are the walls separating each sleeping room a load bearing wall?

1. Answer: Yes

2, Question: The specifications indicate that all duct systems require insulation including exhaust. Paragraph 2.2 in section 23 07 00 requires insulation on Heating, Ventilating, and Air Conditioning ducts. The Request for Information is regarding the exhaust duct in the attic. According to the definition of "exposed" in paragraph 1.3.4, the attic would be considered to be an exposed area. This would require a much more expensive application in an area that few people will ever see.

Is the Exhaust Duct to be insulated?

Is the Attic considered to be an Unfinished Space, Concealed Space or Exposed Space?

2. Answer: Insulate the exhaust ductwork from the third floor chases up through the attic.

3. Question: Please advise the width and specifications of Stair treads/nosing for the existing stairs.

3. Answer: Each concrete tread of each stair is 4'-0" wide, and the detail shows that new retrofit treads shall be less than that by 3" each side, so the total width of each retrofit tread shall be 3'-6". They are specified under section 05 50 13 Miscellaneous Metal Fabrications, paragraph 2.4 Retro fit Stair Treads.

4. Question: Drawing C101 identifies a new water service connection, beside BB261. There are notes that identify the 45 degree elbows as PVC, as well as a note that states "New 4" Ductile Iron Water Service-Connect to existing". Is the pipe material to be PVC or Ductile Iron?

4. Answer: Piping fitting shall be Ductile Iron

5. Question: Once the temporary trailers have been removed, what is the Contractor suppose to do with the underground utilities and lift station that serviced the trailers?

5, Answer: Remove the underground utilities and lift station. Lift station shall be property of Contractor. All disturbed areas shall be restored to their original conditions.

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6. For all barracks sleeping room walls, office/duty walls, and lounge walls provide a textured acrylic coating as an interior wall finish vice paint. Existing wall surfaces shall be prepared (cleaned and approved skim coat applied) per manufacturer's recommendations and textured acrylic coating shall be applied by factory trained technicians to preserve manufacturer's warranties.

**See attached Textured Acrylic Wall Finish specification.**

7. Amend Specification sections as follows. **See attached.**

# Textured Acrylic Wall Finish Specification

## PART 1 – GENERAL

### 1.01 DESCRIPTION

A. Desired material is a textured acrylic coating used as an interior wall finish.

B. Design Requirements

1. ACCEPTABLE SURFACES FOR APPLICATION INCLUDE:

- a. Drywall
- b. Cementitious substrates such as concrete, concrete block, cement plaster, etc.
- c. Ferrous metals
- d. Galvanized surfaces
- e. Painted surfaces

C. Performance Requirements

1. STANDARDIZED TESTS:

- a. Barcoll Hardness Index 38 or greater
- b. ASTM-E84 Flame Spread 15 or less
- c. ASTM E84 Smoke Developed 5 or less
- d. Federal Aviation Agency Vertical Burn Test #FAR 25.853 (b) 0.1 seconds or less
- e. Water Vapor Permeability ASTM E-96, B 27.5 Perms or greater
- f. ASTM-D3273-00 Surface Mold Resistance 10 (no growth)
- g. UPITT (LC50 for thermal decomposition) 150 grams or greater
- h. Documented by SCS as Indoor Advantage Gold for low VOC material
- i. Conforms to CHPS-CA section 01350

2. SOLVENT RESISTANCE: (1 hour soak)

- a. Water temporary slight softening\*
- b. Detergent no change
- c. Ethanol no change
- d. Naphtha no change
- e. Ammonium Hydroxide temporary slight softening\*
- f. Ethylene Glycol no change
- g. Bleach (household) temporary slight softening\*
- h. Mineral spirits no change

\*Original hardness regained after drying.

3. STAIN RESISTANCE: (10 hour soak and wash with 409 Cleaner or bleach, and water)

a. Water	no stain visible
b. Blood	no stain visible
c. Urine	no stain visible
d. Coffee	no stain visible
e. Tea	no stain visible
f. Blueberry	no stain visible

4. MILDEW RESISTANCE:

- a. No visible mildew after incubation for ninety days (90) in 95 degrees F. and 90% relative humidity under high contamination conditions.

5. COLOR:

- a. All pigments shall be: free of heavy metals, fade resistant, and bleach resistant. Provide at least EIGHTY factory colors and factory custom color service.

#### **1.02 QUALITY ASSURANCE:**

A. COMPATIBILITY: Provide primers and other substrate preparation materials that are produced or are specifically recommended by the same manufacturer as the finish materials to insure compatibility of the system. Use thinners approved by the coating manufacturer, and use only within recommended limits.

B. ISO 14001 manufacturing facility

C. QUALIFIED APPLICATOR

1. All bidding applicators should have attended a factory product application session and otherwise be qualified to apply materials prior to submitting bid. Applicator shall submit a photocopy of factory certificate as proof of attendance at factory training session with the bid.

D. SKILLED WORKMANSHIP: All work shall be done by skilled mechanics in accordance with the best standard practice in the industry. Work shall be uniform in appearance, free of visual defects, and complete.

E. COORDINATION OF WORK: Review other sections of these specifications in which prime paints, raw substrates, or other substances might be present to insure compatibility of total coatings systems. Upon request from other trades, furnish information or characteristics of coating materials provided for use to insure compatible substrate materials and finishes are used.

#### **1.03 SUBMITTALS:**

A. **PRODUCT DATA:** Submit manufacturer's technical information including installation instructions, product description, and product test data conforming to the test performances required herein. Test data may be submitted in printed form from the manufacturer's standard printed material; however, if requested, Contractor shall submit specific performance test information as certified by independent laboratory analysis (as furnished by the manufacturer to support performance claims).

B. **SAMPLES:** Prior to beginning work, Contractor shall make and submit three (3) 8"X10" samples of the selected colors and textures for Architect's review. Provide for each sample a listing of materials and the application for each coat of material. In addition to the above, Contractor shall install on the jobsite one sample of each Textured Acrylic Coating finish on each different typical jobsite substrate. Each sample shall be installed over an area of not less than thirty (30) square feet. Contractor shall also create or cause to be created temporary or permanent lighting which accurately reproduces finished-project lighting conditions for the purpose of viewing above samples. Work on the balance of the areas to be coated shall commence after Contractor has received written approval of the installed jobsite samples from Architect or Owner.

C. **QUALITY STANDARD:** Final acceptance of Textured Acrylic Coating finish shall be based upon substantial duplication of jobsite samples produced in accord with 1.02--B above.

#### **1.04 DELIVERY AND STORAGE:**

A. **DELIVER MATERIALS** to jobsite in the original, new and unopened packages and containers bearing manufacturer's name and label, and following information: Name or title of materials, manufacturer's stock and/or batch number, date of manufacture, contents of containers including color name and number.

B. **STORE MATERIALS NOT IN ACTIVE USE IN TIGHTLY COVERED CONTAINERS.** Maintain containers in a clean condition, free from foreign materials and residue. Protect from freezing and maintain temperatures below 100 degrees F. Keep materials stored in an orderly and organized manner to reduce the risk of error. Do not stack materials more than three (3) containers high. Protect from fire hazards.

#### **1.05 JOB CONDITIONS:**

A. **APPLY** materials only when surface temperature is between 60 and 100 degrees F and expected to remain so for 24 hours. If dry conditions cause rapid drying of the materials before proper finishes can be completed, eliminate breezes, fans or other air movements which contribute to the problem, and, if necessary, dampen the substrate with finely misted water just prior to application.

B. **PROTECT** finishes from casual impact and rain for a period of forty-eight hours after installation. Protect from heavy traffic for a period of at least three days. Protect all surfaces and adjacent areas not intended to be coated and clean immediately any spillage, droppings, or other extraneous contact of the materials with other surfaces.

## **1.06 MINIMUM FACTORY MATERIAL WARRANTY REQUIREMENTS:**

A. Material Warranty-coating integrity	10 years- From date of application
Mold & Mildew Material Warranty	10 years- From date of application

## **PART 2 – PRODUCTS**

### **2.01 MATERIALS:**

Textured Acrylic Coating materials shall have the following minimum performance characteristics when finished and fully cured (28 days under nominal conditions):

## **PART 3 - EXECUTION**

### **3.01 GENERAL:**

#### **A. DESCRIPTION OF WORK:**

1. EXTENT of wall/ceiling coating work shall include all wall surfaces in barracks sleeping rooms, lounges, and offices/duty rooms, as herein specified.
2. WORK INCLUDES masking, protection of adjacent surfaces, priming, finishing, and cleanup of all Textured Acrylic Coated areas throughout the project as designated, except as otherwise specifically indicated. "TEXTURED ACRYLIC COATING" as used herein means specialty texture acrylic coatings having a minimum thickness of 20 mils and meeting the minimum performance specifications stated herein.
3. WORK SPECIFIED IN OTHER SECTIONS: Paint, stain, primer, other specialty coatings, fire proofing, tile, masonry, pre-finished panels, stains, preservative treatments, shop applied finishes, wall coverings, etc.

B. PERFORM preparation and cleaning procedures in accordance with manufacturer's recommendations and as herein specified, for each particular substrate condition.

C. REMOVE hardware, hardware accessories, machined surfaces, plates, lighting fixtures, and similar items in place and not to be finish coated, or provide masking or other protection prior to surface coating operations. Following completion of coating of each space or area, reinstall removed items.

D. CLEAN surfaces to be coated before applying any materials. Remove oils and grease prior to mechanical cleaning. Program cleaning and coating so that contaminants from cleaning process will not fall into wet or newly coated surfaces.

### **3.02 SURFACE PREPARATION:**

A. CEMENTITIOUS SUBSTRATES: Prepare cementitious surfaces such as concrete, concrete block, cement plaster, etc. by cleaning to remove dust, grease, form release agents, etc.; then patch all major holes and honeycombs using structural grout manufactured for the purpose as specified in the concrete Division of these specifications. Then grind all projections above the planar surface until flush. Fill, and float smooth all recessed form seams and other minor imperfections using Acrylic Surfacing Compound. Allow Acrylic Surfacing Compound to dry at least 24 hours under nominal conditions. Dampen dry cementitious surfaces just prior to installation of acrylic surfacing compound materials. Wipe away any active condensation or surface water sufficient to cause a wet glaze prior to beginning installation. **NOTE: Water sensitive materials such as gypsum based products are not recommended for skimming over concrete or CMU surfaces.**

B. EXISTING PAINTED SURFACES: Clean surface with a mix of household ammonia and water (1part ammonia to 3 parts water) to remove oils, dust, etc. Lightly sand surface to improve adhesion (total removal of gloss is not necessary). Test adequacy of adhesion of primer to substrate prior to application of texture coating. Be sure to document results. All previously painted surfaces must be sound with the paint firmly adhered. Test adhesion of paint to substrate prior to application of texture acrylic coating. Be sure to document test results.

### **3.03 MATERIALS PREPARATION:**

A. STIR MATERIALS before application with a power drill and a drywall compound paddle. Stir at approximately 350 RPM for three minutes while removing material from all sides and bottom of the container. Stir only as much material as will be used in a four (4) hour period or re-stir material left sitting in excess of four hours. RETAIN LID on containers until the material is in actual use. If hardened material accumulates on the sides of the container, remove the material to a clean container before use.

B. THINNING: Thinning may be done with small amounts of clean water. See manufacturer's written instructions for thinning information.

### **3.04 APPLICATION:**

A. GENERAL: Apply coating materials in accordance with the manufacturer's instructions and recommendations as required to achieve the appearance of the approved samples and performance as specified herein. Coating materials shall be used as a system that may include primers or under coatings as required by the manufacturer's installation directions.

B. FINAL DRY FILM thickness shall be a minimum average of 20 mils. Coat surfaces behind movable equipment and furniture same as similar exposed surfaces.

C. FOR FINISHES WHICH REQUIRE PRIMER: Apply acrylic coating manufacturer furnished PRIMER with a 1/4 to 3/8 inch nap paint roller at a coverage rate of 240 square feet per gallon. Allow to cure until firmly set (normally 1 to 2 hours).

D. FOR FINISHES WHICH REQUIRE UNDERCOAT: Apply factory supplied UNDERCOAT at a rate of 270 square feet per 60 pound net pail. Apply with a texture sprayer to achieve visible coverage. Wet film material should be approximately 20 mils thick. Apply UNDERCOAT to a uniform level finish without holidays or runs.

E. APPLY FINISH COAT(S) in accordance with manufacturer's instructions and all finishes match quality samples previously approved by Architect.

### **3.05 CLEANUP AND PROTECTION:**

A. CLEANUP: During progress of work, remove from site discarded coating materials, rubbish, cans, and rags at the end of each work day in compliance with all local, state, and federal requirements.

B. PROTECTION: Protect work of other trades, whether to be coated or not, against damage by coating work. Correct any damage by cleaning, repairing or replacing, and refinishing, as acceptable to Architect. Provide signs, barricades, etc. as required to protect new Textured Acrylic Coating work from damage by others (see Section 1.07-B of this Division for protection times)

C. AFTER COMPLETION of work of all other trades, remove all protection materials (including other trades' if provided by them) and clean/touch up as necessary to restore coating work to new and unblemished condition.

**Amendments to Repair BEQ Bld. BB260  
N40085-10-B-0031**

**SPECIFICATIONS**

**02 41 00 DEMOLITION**

In **PART 3 EXECUTION** add the following paragraph:

**Flooring Adhesive Removal**

Remove existing resilient floor covering, quarry or paver tile, all traces of old adhesives, paint or other contaminants by scraping, sanding, grinding, shot blasting or scarifying the substrate. Do not use solvents.

Flooring adhesive removal shall adhere to the following guidelines:

- a. The use of Hydrocarbon Petrochemical products or Solvents of any kind are prohibited and banned from use on this project.
- b. MSDS Sheets for products proposed for use must be submitted for approval 15 working days prior to use.
- c. RFCI (The Resilient Floor Covering Institute) methods must be adhered to.
- d. Concrete subfloor must free of any bond breakers or sealers of any kind.
- e. ASTM F 710 Standards apply.

In **Paragraph 3.1.7 Carpet**, the fourth sentence should read (the underlined wording is additional).

Adhesive removal solvents shall comply with CRI 104, with the exception that adhesive removal solvents shall not be used.

**04 20 00 MASONRY**

**Paragraph 2.13 THROUGH WALL FLASHING**

Add the following to the end of (a.).

Flashing shall extend beyond the face of the wall 1/4 inch, and turn down at a 45 degree angle to form a drip. Where the flashing is not continuous, such as over and under openings in the wall and on each side of vertical expansion joints, the ends of the flashing should be extended beyond the jamb lines on both sides and turned up into the head of the head joint at least 1 inch at each end to form a dam.

## **06 20 00 FINISH CARPENTRY**

**General:** Vanity casework shall be constructed according to paragraph 2.6.4 "Casework with High Pressure Laminate (CHPL)" of Section 06 20 00 "Finish Carpentry".

### **2.6.4 Casework with High Pressure Laminate (CHPL)**

**Paragraph 2.6.4.2 Construction (CHPL)** change to read:

Details shall conform to flush overlay.

#### **2.6.4.3 Exposed Surfaces**

Add the following:

See "Finish Key" on drawing A-604 for plastic laminate color.

#### **2.6.4.4 Semi-Exposed Surfaces**

Add to paragraph:

The interior of the cabinet shall be thermoset decorative overlay (melamine). The back side of doors and all edges shall be clad with high pressure laminate finish which shall be the same laminate used on the exposed part of the door.

## **08 51 13 ALUMINUM WINDOWS**

### **Paragraph 1.10.5 Thermal Performance**

Should read as follows (underlined factors are the changes):

Thermal transmittance for thermally broken aluminum windows with insulating glass must not exceed a U-factor of 0.67 Btu/hr-ft<sup>2</sup>-F determined according to NFRC 100, and a solar heat gain coefficient (SHGC) of 0.40 Btu/hr-ft<sup>2</sup>-F determined according to NFRC 200.

## **09 67 23.13 STANDARD RESINOUS FLOORING**

Delete this section and provide a Standard Resinous Flooring meeting the following standards:

Brightly colored quartz broadcast; a three-component, solvent free epoxy undercoat consisting of resin, curing agent and filler; brightly colored vinyl flakes; A two-component, solvent free, high performance, UV resistant, clear epoxy sealer.

Physical characteristics: Nominal 2mm thickness; Tensile strength 5,200 psi (ASTM C-307); Hardness 85 to 90(ASTM D-2240, Shore D); Bond Strength >400 psi (ASTM D-4541) (100% concrete failure); Impact Resistance >160 in./lbs.(ASTM D-2794); Abrasion Resistance 0.06 gm max. weight loss(ASTM D-4060, CS-17); Cure Rate 12 hours for foot traffic(@ 77°F/25°C) 24 hours for normal operations; Coefficient of Friction (Dry) 0.79 (ASTM F-1679); Slip Resistance Index (Wet) 0.65 (ASTM F-1679).

The color of the floor will be selected by the Contracting Officer. Provide submittals consisting of SD-03 Product Data, SD-04 Samples, SD-05 Design Data, SD-06 Test Reports, and SD-07 Certificates as defined by Specification Section 01 33 00 SUBMITTAL PROCEDURES.

## **10 28 13 TOILET ACCESSORIES**

### **Paragraph 2.2.1 Mirrors, Glass (MG)**

Add the following:

All mirrors are to have frames. Frames shall be as follows: Alloy 18-8, type 304, 18 gauge stainless steel. Unitized all welded construction. Corners mitered, welded and polished. Exposed surfaces shall have No. 4 satin finish. Edges and corners to be burrfree."

## **DRAWINGS**

### **SHEET A 104**

Construction Note No. 1: delete "hardwood plywood stain grade" and replace with "high pressure laminate"

### **SHEET A 402**

Replace detail 6 with the attached revision.

### **SHEET A 403**

#### Detail 11 "Duct Sleeve Detail"

Add the following: Walls located between Sleeping Rooms are 8 inch thick concrete masonry and are load-bearing.

### **SHEET A 604**

Room Finish Schedule under Room Name, "North Stairs", change to read "All Stairs".

#### "Finish Key", Key AC-1

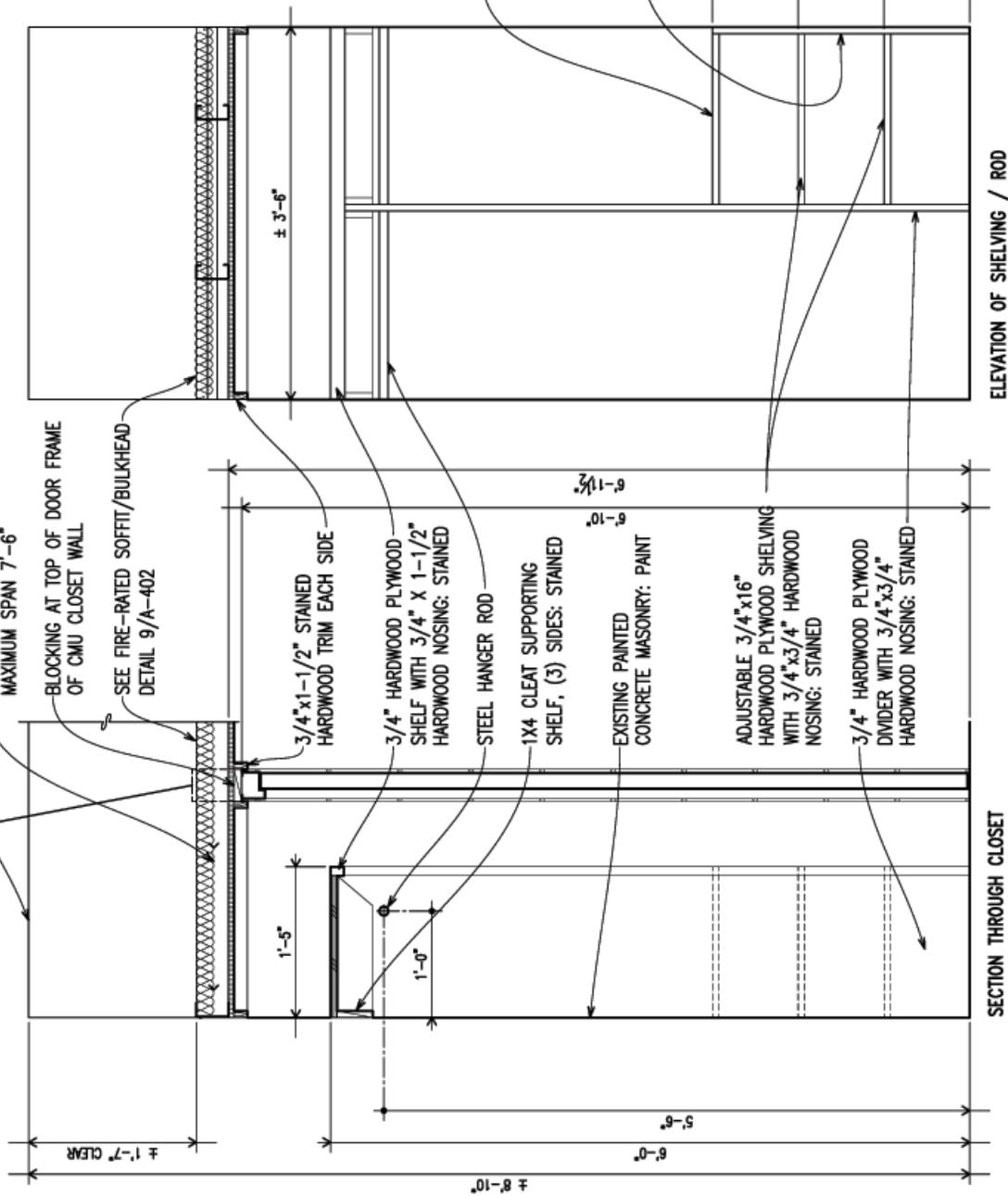
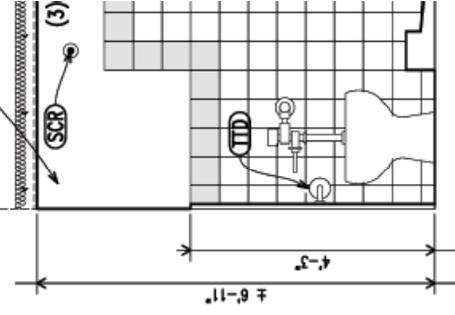
Acoustical Ceilings, under style category change "Ultima Beveled Tegular, 2' x 2'" to read "Fine Fissured Open Plan 2' x 2'."

#### "Finish Key", Key SS-1, Solid Surface

Change color "Oat" to read "Sonora".

AT CONTRACTOR'S OPTION: GYPSUM BOARD MAY BE BUTTED TO CMU CLOSET WALL INSTEAD OF PASSING UNINTERRUPTED OVER THE TOP; GYPSUM BOARD MUST HAVE FULL STRUCTURAL SUPPORT AT THAT EDGE AND THE JOINT MUST BE FIRE CAULKED

EXISTING UNDERSIDE OF STRUCTURE  
 3-5/8" 20 GAUGE STUDS @16" O.C.,  
 MAXIMUM SPAN 7'-6"  
 BLOCKING AT TOP OF DOOR FRAME  
 OF CMU CLOSET WALL  
 SEE FIRE-RATED SOFFIT/BULKHEAD  
 DETAIL 9/A-402



FIXED 3/4" x 16" HARDWOOD  
 PLYWOOD SHELVING WITH  
 3/4" x 3/4" HARDWOOD NOSING;  
 STAINED

FIXED 3/4" x 16" HARDWOOD  
 PLYWOOD SIDE PANEL WITH  
 3/4" x 3/4" HARDWOOD NOSING;  
 STAINED

ELEVATION OF SHELVING / ROD

SECTION THROUGH CLOSET

SECTION / ELEVATION

Scale: 1" = 1'-0"

