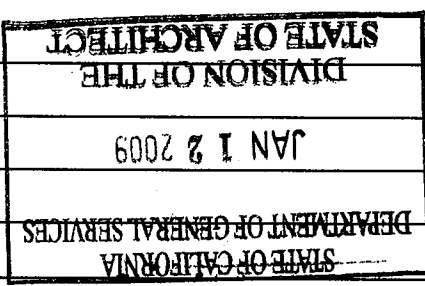


Job # _____
 Date Sent: 1/9/09
 File # 1-2
 Appl. # 01-109875
 Addendum, Change Order, Drawing, Deferred Approval, Worksheet and Transmittal Memo (Jachan)

Chabot College Buildings 300 and 500

1	Addendum Number
2	Deferred Submittal
3	Preliminary Change Order
4	Change Order Number
5	Other

A. Master Copy	1
B. Copies	2
C. Tracing(s) each	of Sheets(s) Numbers(s)
D. Prints(s) each	of Sheets(s) Numbers(s)
E. DSA Checklist	Addendum 1
F.	



List of Material Approved:	
List of Material Received:	
To:	<input checked="" type="checkbox"/> Architect <input type="checkbox"/> Structural Engineer
Name:	HMC ARCHITECTS
Address:	1570 The Alameda, Suite 330 San Jose, CA 95126
Item	
Handed	<input type="checkbox"/>
Faxed	<input type="checkbox"/>
Sent	<input checked="" type="checkbox"/>
Copies	

Remaining Requirements:	<input checked="" type="checkbox"/> None
Corrections Required	<input type="checkbox"/>
Change Order Required	<input type="checkbox"/>
Remarks:	<p>If Corrections are required, please submit the following:</p> <p>1) Intact marked up check set. 2) This transmittal memo. 3) Two corrected copies of submittal. 4) Calculations and other back-up information. 5) Drawings bearing preliminary approval stamps to avoid re-review whenever possible.</p> <p>RECEIVED JAN 26 2009 HMC ARCHITECT</p>

Notes for Clerical Use:	<input checked="" type="checkbox"/> Please make file copy of: <u>transmittal</u> <input type="checkbox"/> Extend Plans and Specs approval to cover: <input type="checkbox"/> Revised Plans and Specs. <input type="checkbox"/> Additional: Plans and Specs. Scope Increase:
Checked by:	ACS <input type="checkbox"/> Not Required FLS <input type="checkbox"/> Not Required SSS <input type="checkbox"/> Not Required
Approved by:	<i>J. Chaw</i>
Date:	1/16/09

09 30 13, Ceramic Tile
09 65 14, Rubber Sheet Flooring

A. The following new Specification Sections are hereby issued:

Item No. AD-1.1:

Reference New Sections

SPECIFICATIONS

The training will be provided at least once, possibly twice prior to the start of this project and then again as the general contractor and/or his sub-contractor require the training in order to work on the project. CLPCCD will cover the cost of the training (but not the cost of the attendee's salary) for the initial training and as many as one training session a month during the duration of the project. Additional training sessions, if necessary, will cost \$800 and must be set up at least three working days in advance.

All personnel associated with the general contractor and any of his sub-contractors assigned to this project must attend an eight hour asbestos-lead-mold training course provided by Hazard Management Services, Inc. prior to starting work at the project site. If contractor personnel are Asbestos Hazard Emergency Response Act trained and their accreditation is current, they are not required to attend this training.

General contractor must consult abatement/remediation contractor's scope of work in order to determine all activities required to be conducted by the abatement/remediation contractor.

2. Some asbestos and lead, as well as other hazardous materials, will remain in/on the 500 building while the General Contractor is conducting his renovation project. These materials must not be disturbed unless properly trained workers conduct the disturbance.

1. All Scope of Work related to "Building 300" will NOT be part of this Bid Package.

GENERAL CLARIFICATIONS

The following changes, additions, deletions or corrections shall become a part of the Contract Documents for the project named above and all other conditions shall remain the same. The bidders shall be responsible for transmitting this information to all affected subcontractors and suppliers prior to the closing of bids.

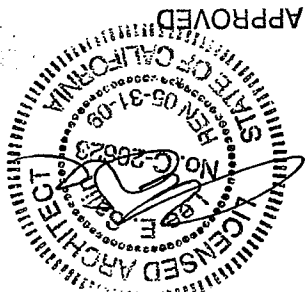
APPENDUM NO. 1

Chabot College Modernization
of Buildings 300 and 500
Chabot-Las Postas Community College District
HMC # 3342002, DSA #01-109151

November 21, 2008

HMC ARCHITECTS
1570 The Alameda, Suite 330
San Jose, California 95126

DIV. OF THE STATE ARCHITECT



AC RC F/LS RC SS RC
APPL. NO. 01-109151 DATE 11/16/08

Item No. AD-1.2: Reference Section 07 21 00, Insulation

A. Delete Subparagraph 2.02.A.3. Substitute therefore:

"3. Thickness: 10 inch for R-30 at roofs and above ceilings. 3-1/2 inch for R-13 all other cavities of exterior envelope."

Item No. AD-1.3: Reference Section 07 54 19, PVC Thermoplastic Membrane

Roofing

A. Subparagraph 1.01.B.1.a., Delete the words: "Vapor Retarder".

B. Add the following new paragraph:

"1.02.H. Certification by membrane manufacturer that the polymer thickness is of the thickness specified, ASTM +/- tolerance for membrane thickness is not acceptable."

C. Paragraph 1.06.A., Delete the words: "ten (10)". Substitute therefore: "twenty (20)".

D. Add the following subparagraph:

"2.02.B.1. Sarnafill S327

E. Revise Subparagraph 2.02.C.2 to read as follows:

"2. Thickness to be 72 mil."

F. Add the following new paragraphs:

2.04.B. Sarnatherm EPS
1. Expanded polystyrene closed-cell foam insulations, 2" thick. Sarnatherm EPS 4 ft x 4 ft (1.2 m x 1.2 m) or 4 ft x 8 ft (1.2 m x 2.4 m) sizes. Sarnatherm EPS requires a separation layer between it and the membrane. Sarnatherm EPS insulation is for use beneath the waterproofing layer.

2.04.C. DensDeck Prime
1. A fire-tested, gypsum hardboard with glass-mat facers and a pre-primed surface on one side, 4 x 8 ft (1.2 x 2.4 m) x 1/4" thick board.

G. Delete Article 2.07.

Item No. AD-1.4: Reference Section 08 80 00, Glazing

A. Delete Paragraph 2.02.B in its entirety. Substitute therefore:

B. Insulating Glass Units, Uncoated: ASTM E774 Class C and E773; double pane with silicone sealant secondary seal and polyisobutylene primary seal with aluminum spacer, clear anodized. Outer pane of 1/4 inch clear ASTM C1048, Kind FT clear fully tempered glass. Inner pane of 1/4 inch

clear tempered glass, interpane space purged dry air; total unit thickness of one inch.

1. PPG - Outboard Lite:
 a. Clear, Light Transmittance of 79%, Shading Coefficient of 0.81.

Item No. AD-1.5: Reference Section 09 65 18, Linoleum

A. Delete Subparagraphs 2.01.A.2 and 2.01.A.3.

Item No. AD-1.6: Reference Section 10 11 23, Tackboards

A. Delete Paragraph 2.01.A. Substitute therefore:

"A. Products of the following manufacturers form basis for design and quality intended:
 1. Forbo Inc., Hazleton, PA - Bulletin Board or equal."

B. In Paragraph 2.03.A, Delete the words: "(3/4" narrow trim)". Substitute therefore: "(1-1/2" Frame)";

Item No. AD-1.7: Reference Section 10 12 00, Display Boards

A. Revise Subparagraph 2.02.A.3 to read as follows:

"3. Size: 4'-0" H x 8'-0" W x 4" maximum projection unless noted otherwise on Drawings:"

Item No. AD-1.8: Reference Section 12 24 13, Roller Shades

A. Delete the following Subparagraphs:

- 2.01.A.2
- 2.01.A.3
- 2.01.A.4
- 2.01.A.5

Item No. AD-1.9: Reference Section 22 00 00, Plumbing Systems

A. Paragraph 1.B.1.c. Delete text: "and Hot Water Return"

B. Paragraph 2.A.2. Delete text: "and Hot Water Return"

C. Paragraph 2.A.13.a. Delete text: "and Hot Water Return"

D. Paragraph 2.A.20.c. Delete text: "Hot water recirculation pumps;"

E. Paragraph 3.E.4. Delete text: "and hot water return"

Item No. AD-1.10: Reference Section 23 00 00, HVAC Systems

Item No. AD-1.11: Reference Section 27 15 00, Communications Horizontal Cabling

A. Paragraph 2.C.8. Delete section: "Cleaning of Existing Duct Systems"

B. Paragraph 2.B.1.a. Delete text: "Trane Series BCHC or equal" Replace text with: "Trane Series BCHC - no exceptions,"

C. Paragraph 2.B.6.a. Delete text: "Trane type Sg or equal" Replace text with: "Trane type Sg - no exceptions,"

Item No. AD-1.12: Reference Section 27 41 16, Integrated Audio-Video Systems and Equipment

A. Revised Paragraph 2.2.G.1 to read: "1. Data Patch cables – one 14' for each station jack (color: blue) and one patch cord for patch panel jack, in 7' lengths."

A. Delete Paragraph 2.1.B.

B. Delete Paragraph 2.1.C. Substitute therefore:

C. "Manufacturer, Video Projector Mount to Structure Above
 Chief Manufacturing RPNM1 Series Inverted LCD/DLP Projector Ceiling
 Mount with:
 CMA-100 Ceiling Plate.
 CMS Speed-Connect Series Adjustable Extension Columns. Verify
 length required in the field.
 CMA-152 Threaded Pipe Coupler.
 CMA Structural Adapter as required.
 CMA-640 Finishing Ring - Chrome.
 CMA-275 Quick Snap Cable Cover
 Lateral bracing as detailed on Drawing T9.4.
 Westbrook Engineering, Inc. Promount Series.
 Monger Mount.
 Or equal."

DRAWINGS

Item No. AD-1.13: Reference Revised Drawings

A. The following revised drawings are hereby issued:

- AD1-A1 through AD1-A10
- AD1-A11 (new Detail 7 on A10.9)
- AD1-A12 (new Detail 11 on A10.9)
- AD1-A13 through AD1-A16
- AD1-A17 (new Detail 12 on A10.10)
- AD1-A18 (new Detail 13 on A10.10)
- AD1-S1

- A. On Detail No. 1, Change ceiling heights for all rooms on First Floor where indicated as "9'-6" to read: "9'-3".
- B. On Detail No. 1, (E) Women's Toilet Room # 522 to receive new T-bar at (E) Ceiling Height.
- C. On Detail No. 2, (E) Men's Toilet Room # 523 to receive new T-bar at (E) Ceiling Height.

Item No. AD-1.17: Reference Drawing A3.1-B, Building 500, First and Second Floor Reflected Ceiling Plans

- A. Delete Keynote # 5.05.
- Reference Drawings
A2.1-B, Building 500, First and Second Floor;
A3.1-B Building 500 First & Second Flr. Reflected Ceiling plan;
A5.2-B Building 500 Exterior Elevations;
A6.2-B, Building 500 Building Section

Item No. AD-1.16: Reference Drawings

"11. Elevator fire service recall, connection to main power and fire alarm system to be done by contractor in coordination with District consultant Ascent. Contractor to schedule preliminary meeting with District and consultant 2 weeks prior to commencing any elevator work."

- B. Add the following General Note:

"Display Board, 4'-0" x 8'-0". See Detail 16/A10.9".

- A. Revise Keynote # 10.05 to read as follows:

Item No. AD-1.15: Reference Drawing A2.1-B, Building 500, First and Second Floor Plans

- A. Delete Bid Alternate #1 (Additional Work required to remove (E) mechanical equipment and screen located at east side of Building 300 and patch openings in exterior wall to match (E) adjacent surface where required.)
- B. Delete Bid Alternate #2 (Additional demolition and interior remodel of Rooms 300, 302, 302A, 306, 308, 310A, 310B, 312, 312A, 312B, 312C and part of the corridor to be done in Phase 2)

Item No. AD-1.14: Reference Drawing A0.0, Title Sheet

- AD1-S2
- AD1-S3
- AD1-M1 through AD1-M12
- AD1-P1 through AD1-P9
- AD1-E1 through AD1-E12
- AD1-F1
- AD1-F2
- AD1-T1 through AD1-T5

Item No. AD-1.18: Reference Drawing A6-2-B, Building 500, Building Sections

A. On Detail No. 1, Change ceiling heights for all rooms on First Floor where indicated as "9'-6" to read: "9'-3".

Item No. AD-1.19: Reference Drawing A7.1, Buildings 300 and 500, Enlarged Plans

A. On Detail No. 8, Add 4" backsplash to lower casework cabinets and counters.

Item No. AD-1.20: Reference Drawing A7.2, Building 300 & 500, Enlarged Plans & Elevations

A. On Details No. 3 and 4, Revise Keynote # 10.22 to read as follows: "Recessed Multi-Roll Toilet Tissue Dispenser to be provided and installed, Bobrick B-3888 or similar. (3" max. projection at accessible toilet)"

Item No. AD-1.21: Reference Drawing A8-1-B, Building 500 Interior Elevations

A. On Detail No. 1, Revise Keynote "#10.03" to "#10.05" on Sheet Border - Interior Elevation Keynotes and on Detail No. 1.

B. Revise Keynote # 10.05 to read as follows:

"Display Board, 4'-0" x 8'-0". See Detail 16/A10.9."

C. On Detail No. 3, Add locks to casework that did not already have locks indicated. All Casework to receive locks except Casework Type D, Accessible Base Sink - Cabinet.

D. On Detail No. 1, Revise Keynote # 11.11 on Sheet Border to read as follows:

"Future recessed 32" flat screen display location. Provide power and data as indicated on Electrical and Telecommunication Drawings. Provide recessed opening with blocking. See Detail 7/A10.9."

Item No. AD-1.22: Reference Drawing A9.1, Door/Window Schedules

A. Revise note 3 to read as follows:

"Provide security management system. Coordinate installation and connection to master campus security system (AMAG)."

Item No. AD-1.23: Reference Drawing A9.2, Finish Schedule and Casework Schedule

A. Modify as follows:

1. Casework / Counter Schedule: For Cabinet Types "C4" and "C5" Eliminate "No backsplash" remark.
2. Cabinet Types C4 and C5 to have 4" backsplash.

Item No. AD-1.24: Reference Drawing A10.8, Casework Details

A. On Detail No. 5, Add 4" backsplash to "typical counter detail".

- Item No. AD-1.25: Reference Drawing E0.0, General Information
- A. Add request to exit device to security symbol list. See Drawing AD1-E1.
- Item No. AD-1.26: Reference Drawing E4.0, Building 300 First Floor Electrical
- A. Remove drawing from set. Building 300 is no longer in scope.
- Item No. AD-1.27: Reference Drawing E4.1, Building 300 Second Floor Electrical Plan
- A. Remove drawing from set. Building 300 is no longer in scope.
- Item No. AD-1.28: Reference Drawing E4.2, Building 500 First Floor Electrical Plan
- A. Remove drawing from set. Building 300 is no longer in scope.
- Item No. AD-1.29: Reference Drawing E4.3, Building 500 Second Floor Electrical Plan
- A. Add request to exit security device to door with card readers. See Drawings AD1-E2 thru AD1-E4.
- B. Remove card reader at selective door locations. See Drawings AD1-E3 and AD1-E4.
- C. Revise security devices per drawings AD1-E2 thru AD1-E4.
- D. Remove Distribution Panel "5L". Incoming service shall be fed to Panelboard "5L1". See Drawing AD1-E2.
- E. Add mullion mounted key pad for exterior door. See Drawing AD1-E2.
- F. Remove alarm contact for mechanical room. See Drawing AD1-E2.
- G. Add Sheet Notes #18 and #19. See Drawing AD1-E5.
- H. At room 508, where owner-furnish tables meet the wiremold, delete the quad receptacles scheduled to be installed within the wiremold and instead terminate scheduled circuits at whip included with owner-furnished tables. Former quad receptacle locations within wiremold are to receive a blank plate.
- Item No. AD-1.30: Reference Drawing E5.0, Schedules
- A. Remove work associated with Panelboard "3R2" from set. Building 300 is no longer in scope.
- A. Add request to exit security device to door with card readers. See Drawings AD1-E6.
- B. Eliminate separate electronic door strikes and replace with alarm contact for doors. See Drawings AD1-E6.
- C. Remove alarm contact for electrical room. See Drawing AD1-E6.
- D. Add Sheet Note #12. See Drawing AD1-E7.

- Item No. AD-1.31: Reference Drawing E5.1, Schedules
A. Remove work associated with Panelboards "3R1", "3L1" and "3L2" from set. Building 300 is no longer in scope.
- Item No. AD-1.32: Reference Drawing E5.2, Schedules
A. Revise Panelboard "5L1" to include main circuit breaker. See Drawing AD1-E8.
- Item No. AD-1.33: Reference Drawing E6.0, Diagrams
A. Remove Distribution Panel "5L". Incoming service shall be fed to Panelboard "5L1". See Drawing AD1-E9.
- Item No. AD-1.34: Reference Drawing E6.1, Diagrams
A. Remove work associated with Building 300 LP8 Lighting Control Panel. Building 300 is no longer in scope.
- Item No. AD-1.35: Reference Drawing E7.0, Details
A. Add general note to elevator wiring diagram. See Drawing AD1-E10.
- Item No. AD-1.36: Reference Drawing F2.0, Building 300 First Floor Fire Alarm Plan
A. Remove drawing from set. Building 300 is no longer in scope.
- Item No. AD-1.37: Reference Drawing F2.1, Building 300 Second Floor Fire Alarm Plan
A. Remove drawing from set. Building 300 is no longer in scope.
- Item No. AD-1.38: Reference Drawing F3.0, Diagrams
A. Remove drawing from set. Building 300 is no longer in scope.
- Item No. AD-1.39: Reference Drawing T0.1
A. Add note to read "Lighting Protector for Building 500 is OFCI."
- Item No. AD-1.40: Reference Drawing T1.0
A. Revise the Site Plan to reflect the existing joint utility trench as shown on Addendum drawing AD1-T1.
- Item No. AD-1.41: Reference Drawing T3.1-B
A. Add the new fiber and copper entrance to the building as shown on Addendum drawing AD1-T2.
- Item No. AD-1.42: Reference Drawing T7.3

A. Delete the 4-4" conduit entrance on the east wall of IDF1.1 as shown on Addendum drawing AD1-T3.

Item No. AD-1.43: Reference Drawing T7.5

A. Revise Keynote TN1 to read as "The lightning protector for Building 200 is District furnished and is mounted on an XBLET type rack with a pigtail. Provide an IBTC splice closure. Splice the pigtail and the new OSP copper cable in the IBTC. See reference drawing T8.2.

Item No. AD-1.44: Reference Drawing T8.1

A. Revise the fiber drawing reference as shown on Addendum drawing AD1-T4.

B. Detail 1 - Remove the multimode fiber out of the OSP cable. Revise the OSP cable from "1-24 FOS-OP, 1-24 FOM-OP" to "1-24 FOS-OP". The multimode riser cable shall remain.

C. Detail 1 - Remove the OSP innerduct. The riser innerduct shall remain.

Item No. AD-1.45: Reference Drawing T8.2

A. As shown on Addendum drawing AD1-T5

1. Revise the category cable reference from 6 to 6A.
2. Add an IBTC in room 522 for the copper cable entrance.
3. Revise the copper OSP connection in Building 200.

B. Revise keynote TN4 in its entirety to read as follows:

"For Building 500, provide patch cord cables - one 14 feet for each station jack (color: Blue, Category 6A) and one patch cord for each panel jack in 7 feet lengths. Voice patch cords - Color White, Category 5e. Fifty (50) 4 foot and fifty (50) 5 foot"

HMC ARCHITECTS

Lee Salin, AIA

**SECTION 09 30 13
CERAMIC TILE**

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Patching and repair of ceramic tile at floors, walls and base, using full setting bed or thin set application method to match existing.

1.02 REFERENCES

- A. Americans with Disabilities Act of 1990 (ADA)
1. ADA/UFAS – ADA Title II Regulations and Uniform Federal Accessibility Standards.

- B. CACRM - California Access Compliance Reference Manual, updated July 1, 2008, based on the 2007 California Building Code.

- C. ANSI/T/CNA A108.1B - ANSI/T/CA A108.1B - Installation of Ceramic Tile on Cured Portland Cement Mortar Setting Bed with Dry-set or Latex-Portland Cement Mortar.

- D. ANSI/T/CNA A108.5 - Installation of Ceramic Tile with Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar.

- E. ANSI/T/CNA A108.10 - Installation of Grout in Tile Work.

- F. ANSI/T/CNA A118.6 - Cement Grouts for Tile Installation.

- G. ANSI/T/CNA A118.1 - Dry-Set Portland Cement Mortar.

- H. ANSI/T/CNA A118.4 - Latex-Portland Cement Mortar.

- I. ANSI/T/CNA A118.7 - Polymer Modified Tile Grouts for Tile Installation.

- J. ANSI/T/CNA A118.10 - Waterproof Membranes for Thin-set Ceramic Tile and Dimension Stone Installation.

- K. ANSI/T/CNA A137.1 - Ceramic Tile.

- L. ASTM A185 - Steel Welded Wire Fabric, Plain, for Concrete Reinforcement.

- M. ASTM C144 - Aggregate for Masonry Mortar.

- N. ASTM C150 - Portland Cements.

- O. ASTM C207 - Hydrated Lime for Masonry Purposes.

P. ASTM C1028 - Static Coefficient of Friction. COF of at least 0.6.

Q. ASTM C171 - Sheet Materials for Curing Concrete.

R. TCNA (Tile Council of North America) - Handbook for Ceramic Tile Installation, Latest Edition.

1.03 SUBMITTALS

A. Product Data: For each type of tile, bond coat, grout, and other products specified.

B. Qualification Data: For firms and persons specified in "Quality Assurance" Article to demonstrate their capabilities and experience.

1.04 QUALITY ASSURANCE

A. Installer Qualifications: Engage experienced installer who has completed tile installations similar in material, design, and extent to that indicated for this Project and with record of successful in-service performance.

B. Mockups: Before installing tile, construct mockup for each form of construction and finish required to verify match of existing work and to demonstrate aesthetic effects and qualities of materials and execution. Build mockups to comply with following requirements, using materials indicated for completed Work.
1. Locate mockups in location and of size indicated or, if not indicated, as directed by Architect.

C. Pre-installation Conference: Conduct conference at Project site to comply with requirements of Division 01, General Requirements.

D. Where tiles are to be matched with existing tiles, contractor shall ascertain the availability of quantities and quality of matching materials before submitting samples or purchasing materials.

1.05 DELIVERY, STORAGE AND HANDLING

A. Deliver products to site only in cartons which have been grade sealed by manufacturer in accordance with ANSI A137.1 and with grade seals unbroken. Seconds grade seal quality not permitted.

B. Tiles delivered to job or installed in Work that do not fall within specified standards of quality or accepted color range shall be removed from jobsite and properly be replaced with acceptable material.

C. Store and protect products in dry, secure areas.

1.06 ENVIRONMENTAL REQUIREMENTS

A. Do not install volatile materials in a closed, unventilated environment.

B. Maintain 50 degrees F or above during installation of adhesive and grout materials.

C. Shade work from direct sunlight during tile installation as needed to prevent rapid evaporation caused by excessive heat.

1.07 MAINTENANCE

A. Extra Materials
1. Extra Materials shall be from same production run as installed materials.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Products of following manufacturers form basis for design and quality intended to match existing materials.
1. Dal-Tile, Corona, CA/American Olean Tile, City of Industry, CA.
2. Interceramic Inc., Anaheim, CA.

B. Or equal as approved in accordance with Division 01, General Requirements for Substitutions.

2.02 TILE

A. Ceramic Tile: Match existing
ANSI/TCA A137.1

B. Coefficient of Friction for floor tile:
ASTM C1028; Minimum 0.6 Dry, 0.8 Wet.

C. Base: Match wall tile for moisture absorption, surface finish and color; covered bottom. Where no wall tile is installed, match floor tile, 6" high. Provide sanitary cover base to match adjoining tile size where wall is to have alternative finish.

D. Wainscot Cap: Match wall tile for moisture absorption, surface finish and color, bullnosed top edge.

E. Corners: covered at inside corners and bullnose at exterior corners.

2.03 BOND COAT

A. ANSI/TCA A118.1 - Dry-Set Portland Cement Mortar.

B. ANSI/TCA A118.4 - Latex Portland Cement Mortar.

2.04 SETTING BED MATERIALS

A. Portland Cement: ASTM C150, Type I.

B. Lime: ASTM C207, Type S.

C. Sand: ASTM C144.

D. Water: Potable.

3342002

HMCchabot-las postas

2.05 GROUT

A. GROUT: ANSIT/CNA A118.6, A118.7 – Factory-prepared cementitious type, dry polymer-modified. Un-sanded type for joints less than 1/8 inches and sanded type for joints 1/8 inches and greater. Colors as selected by Architect.

2.06 ACCESSORIES

A. Reinforcing Mesh: 2 x 2 inch size weave of 16 GA/16 GA wire size; welded fabric, galvanized, ASTM A185.

B. Expanded Metal Lath: 3.4 lbs/sq.yd. galvanized laminated to Grade B, Type 1, Kraft Paper, by Western Metal Lath, La Mirada, CA, or equal as approved in accordance with Division 01, General Requirements for substitutions.>

C. Curing Paper: Kraft paper conforming to ASTM C171.

D. GROUT Sealer for Walls and Floors, cement based grouts:

1. CeramaSeal, "Magic Seal" (acrylic), by Bostik, Middleton, MA.
2. Bonsal GROUT Sealer (acrylic), by W.R. Bonsal Co, Charlotte, NC.
3. GROUT Armor Color Sealer (acrylic), by GROUT Armor, Fort Lauderdale, FL.

E. Waterproofing Membrane at Vertical Surfaces: ASTM D4601, Type I asphalt saturated glass felt.

F. Edge Strips:

1. Angle, L-shape, reducers, or T-shape, height to match tile and setting-bed thickness, metallic or combination of metal and PVC or neoprene base, designed specifically for flooring applications.
2. Acceptable manufacturer: Schluter Systems or approved equivalent.
3. Product: Reno Series and Schiene Series.
4. Material: Anodized Aluminum.

G. Cementitious Backer Units: Standard type; 5/8 inch thick; Solid tapered edges, ends square cut, maximum permissible length, DUROCK INTERIOR TILE CEMENT BOARD.

2.07 SETTING MORTARS

A. Scratch Coat For Walls: One part Portland cement, 1/2 part hydrated lime, 4 parts dry sand or 5 parts damp sand, or one part Portland cement, 3-parts dry sand or 4-parts damp sand.

B. Float or Leveling Coat For Walls: One part Portland cement, 1 part hydrated lime, 6 parts dry sand or 7 parts damp sand.

C. Conform to Table 14A-A, California Building Code.

D. Setting Bed Mix for Floors: One part Portland cement, 1/10 part hydrated lime, 5 parts dry sand or 6 parts damp sand by volume.

- E. Admixture: Mix in accordance with manufacturer's directions.
- F. Consistency: When mixed with water, setting bed material shall be workable and allow maximum compaction during tamping.
- G. Mixing: Thoroughly mix dry setting bed ingredients before adding water to obtain proper consistency. When machine mixing, add water first. Discard mix when it has reached its initial set.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify that surfaces are ready to receive work. Verify types of materials that may have been in contact with surfaces.
- B. Beginning of installation means installer accepts condition of existing substrate.

3.02 PREPARATION

- A. Protect surrounding work from damage or disfiguration.
- B. Vacuum clean existing substrate and damp clean.
- C. Seal substrate surface cracks with filler. Level existing substrate surfaces to acceptable flatness tolerances.

3.03 MIXING BOND COAT

- A. Use brand of prepackaged dry mix specified by manufacturer.
- B. Mixing: Mix dryset Portland-cement bond coat or latex Portland-cement bond coat in accordance with manufacturer's instructions.
- C. Add dry bond coat mix to amount of latex specified by manufacturer and mix thoroughly to obtain complete and visually uniform wetting of dry bond coat mix. Shake for 15 minutes and remix before using.
- D. Proper bond coat consistency is such that when applied with recommended notched trowel to backing, ridges formed in bond coat will not flow or slump.
- E. During use, remix mortar occasionally. Additional water or fresh materials shall not be added after initial mixing. Mortar shall not be used after initial set.

3.04 INSTALLATION: SETTING BED AT FLOORS

- A. Install setting bed in accordance with TCNA Handbook for Ceramic Tile Installation, TCNA A108.1B.
- B. Firmly tamp setting bed to levels required.

C. Allow setting bed to cure in accordance with ANSI/TCNA A108.1.

3.05 INSTALLATION: THIN SET

A. Walls: Install in accordance with TCNA Handbook for Ceramic and ANSI A108.5 and A118.1.

B. Floors: Install in accordance with TCNA Handbook for Ceramic and ANSI A108.5 and A118.1. Tile installation for thin-set application, No. F113 Dry-set or latex-Portland Cement Mortar.

D. Align wall tile grout with floor tile grout.

3.06 INSTALLATION: SETTING BED AT WALLS

A. Install paper-backed metal lath in accordance with TCNA Handbook for Ceramic Tile Installation.

3.07 BOND COAT APPLICATION

A. Clean surface thoroughly. Dampen if very dry, but do not saturate.

B. Apply bond coat with flat side of trowel over an area no greater than covered with tile while bond coat remains plastic.

C. Within ten minutes before applying tile and using a notched trowel of type recommended by bond coat manufacturer, comb bond coat obtain even setting bed without scraping backing material.

D. Cover surface uniformly with no bare spot, with sufficient bond coat to ensure a minimum bond coat thickness of 3/32 inch between tile and backing after tile has been beaten into place. Tile shall not be applied to skinned-over bond coat.

3.08 INSTALLATION OF TILE

A. Refer to mortar and latex manufacturers directions.

B. Do not soak tile.

C. Set tile firmly on bond coat over surfaces with minimum of 95 percent coverage at floors and wet areas. Back-butter ribbed tiles and other tiles in accordance with ANSI/TCNA 108.5. Spacers on tile determine joint width between tile. Strings or pegs may be used to space tile that have no spacers. Bring all surfaces to a true plane at proper position or elevation. Thoroughly beat-in all tile with a beating block while bond coat is still plastic. Beating shall fill minimum of 95 percent of entire space between units and setting bed. 80 percent coverage is permitted for walls in non-wet areas.

D. Lay tile to pattern indicated on Drawings or request tile pattern from Architect. Do not interrupt tile pattern through openings.

- E. Place edge strips at exposed tile edges.
 - F. Cut and fit tile tight to penetrations through tile. Align floor, base and wall joints where floor tiles and wall tiles are same width.
 - G. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make joints watertight without voids, cracks, excess setting bed mix or excess grout. All inside corners shall be covered and exterior corners shall be bullnose. No butted 90 degree intersections permitted. All outside corners shall be bull nose.
 - H. Sound tile after setting. Replace hollow sounding units.
 - I. Keep expansion or control joints free of setting bed mix or grout.
 - J. Allow tile to set for a minimum of 16 hours prior to grouting.
 - K. If tile is face-mounted, remove paper within one hour after tile is set and adjust all tiles that are out of line or level. Use no more water than necessary in removing paper.
 - L. Align wall tile grout with floor tile grout.
- 3.09 INSTALLATION OF GROUT
- A. Remove bond coat from face and edges of tile.
 - B. Mixing: Refer to manufacturer's directions.
 - C. Dry blend contents of an entire container of grout prior to mixing with water or latex.
 - D. Use caution to prevent scratching or damaging tile surfaces.
 - E. Dampen dry joints prior to grouting. Do not leave puddles of water in joints before grouting.
 - F. Force maximum amount of grout into joints. Cushion edge tile shall be finished evenly to depth of cushion. Square-edge tile shall be finished flush with surface. Finished joint shall be uniform in color, smooth and without pinholes, voids or low spots.
 - G. Grout width: to match existing.
- 3.010 CURRING
- A. Damp-Cure grout for a minimum of 72 hours. Remove and replace improperly cured grout.
- 1. Cover with 40-pound kraft paper.
 - 2. Polyethylene curing membrane not permitted.
- 3.011 GROUT SEALING FOR PORTLAND CEMENT GROUTS
- A. Floors: Apply grout sealer after curing, two coats required, throughout surface.

- B. Wall: Seal wall and grout, 2 coats required, install per manufacturer's instructions.
- C. Verify that grout is dry, clean and properly cured. Ensure grout has been installed minimum of 10 days prior to sealing.
- D. Apply undiluted sealer to grout joints in accordance with manufacturer's instructions and recommendations. Maintain abundance of sealer on joint until porosity has been satisfied.
- E. Thoroughly remove excess material; allow to dry, minimum 24 hours prior to use.
- F. Remove excess sealer that has dried on tile surface.
- 3.012 EDGE STRIP
 - A. Install according to manufacturer's recommended procedures.
- 3.013 CLEANING
 - A. Clean tile work and adjacent surfaces.
- 3.014 PROTECTION
 - A. Protect finished installation.
 - B. Do not permit traffic over finished floor surface.
- 3.015 REPLACEMENT OF MATERIALS
 - A. Provide three percent additional tile and trim shape of each type, color, pattern and size used in Work for Owner's use in replacement and maintenance. Package securely to prevent damage and label clearly.

END OF SECTION

SECTION 09 65 14

RUBBER SHEET FLOORING – STAIRS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Rubber stair nosings, treads and risers, accessories.

1.02 REFERENCES

- A. Americans with Disabilities Act of 1990 (ADA)
- 1. ADA/UFAS – ADA Title II Regulations and Uniform Federal Accessibility Standards

- B. CACRM - California Access Compliance Reference Manual, updated July 1, 2008, based on the 2007 California Building Code.

- C. ASTM - American Society for Testing and Materials
 - 1. ASTM D2047 - Static Coefficient of Friction of Polish-Coated Floor Surfaces as Measured by the James Machine
 - 2. ASTM E84 - Surface Burning of Building Materials.
 - 3. ASTM E648 and NFPA 253 - Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source.
 - 4. ASTM F1344-93 - Standard Specification for Rubber Floor Tile.

- D. FS RR-T-650 D - Federal Specification for Stair Treads.

- E. ASTM E84, test method for surface burning characteristics for building materials.

1.03 FIRE CLASSIFICATION REQUIREMENTS

- A. ASTM E648, NFPA 253: Class I, Critical Radiant Flux Flame Spread Value: Minimum 0.45 watts per sq cm.
- B. Flame spread not greater than 25 and smoke density not greater than 450 when tested in accordance with UBC Standard 8-1.

1.04 SUBMITTALS

- A. Product data on specified products, describing physical and performance characteristics, sizes, patterns and colors available.
- B. Three samples illustrating color and pattern for each floor material specified.
- C. Manufacturer's installation instructions.
- D. Maintenance procedures and recommended maintenance materials.

1.05 ENVIRONMENTAL REQUIREMENTS

- A. Store materials for three days prior to installation in area of installation to achieve temperature stability.
- B. Maintain ambient temperature required by adhesive manufacturer three days prior to, during and 24 hours after installation of materials.
- C. Provide adequate ventilation to carry off volatile fumes.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Products of following manufacturers form basis for design and quality intended.
 - 1. Nora Flooring Systems-FREUDENBERG, Lawrence, MA. Product: Norament Stairreads.
- B. Or equal as approved in accordance with Division 01 General Requirements for substitutions.

2.02 STAIR COVERING MATERIALS

- 1. Stair Treads – One Piece: norament 825 hammered surface, Article 1910, 2.7 mm (0.11 inches) overall thickness, 50 cm by 50 cm (19.68 inches by 19.68 inches) tile size. Compound # 825. nora rubber content approximately 37%.
 - a. Material: nora rubber with abundant natural fillers and environmentally compatible color pigments.
 - b. Back of Tile: Smooth, double-sanded back.
 - c. Full width and depth of stair tread and riser; hammered texture pattern design; return down edge of tread 1-3/4 inch with tapered thickness, tread, nosing and riser one piece.
 - d. Include stringers (skirting for wall side and banister trims), 2.8 mm thick. Colors: # 2193 Sedona.
 - e. Contrasting colors for visually impaired, meeting the requirements of CBC 2001: Ocean Grey.
- 2.

2.03 STRINGER MATERIALS

- A. Stringer: Rubber; 2.8 mm thick, 10 inches high, single piece length of run, color to match stair covering.

2.04 ACCESSORIES

- A. Subfloor Filler: White premix latex; type recommended by flooring material manufacturer.
- B. Primers and Adhesives: Waterproof; types recommended by flooring manufacturer.
- C. Edge Strips: Flooring material.

D. Sealer and Wax: Types recommended by flooring manufacturer.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify that surfaces are smooth and flat with maximum variation of 1/8 inch in 10 feet, and are ready to receive Work.
- B. Ordering of flooring materials and beginning of installation means acceptance of existing substrate and site conditions.

3.02 PREPARATION

- A. Remove sub-floor ridges and bumps. Fill low spots, cracks, joints, holes and other defects with subfloor filler.
 - 1. For painted surfaces may require concrete cleaning and as recommended by manufacturer.
- B. Apply, trowel and float filler to leave smooth, flat, hard surface, free of bumps or depressions of any size.
- C. Prohibit traffic from area until filler is cured.
- D. Vacuum clean substrate.
- E. Apply primer compatible to painted surface or as recommended by the materials manufacturer.

3.03 INSTALLATION - STAIR COVERING MATERIALS

- A. Install stair treads, and stair risers, one piece for full width and depth of tread.
- B. Adhere over entire surface. Fit accurately and securely.

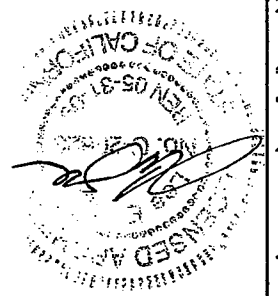
3.04 PROTECTION

- A. Prohibit traffic on floor finish for 48 hours after installation.

3.05 CLEANING

- A. Remove excess adhesive from floor, base and wall surfaces without damage.
- B. Clean, seal and wax floor and base surfaces in accordance with manufacturer's instructions.

END OF SECTION



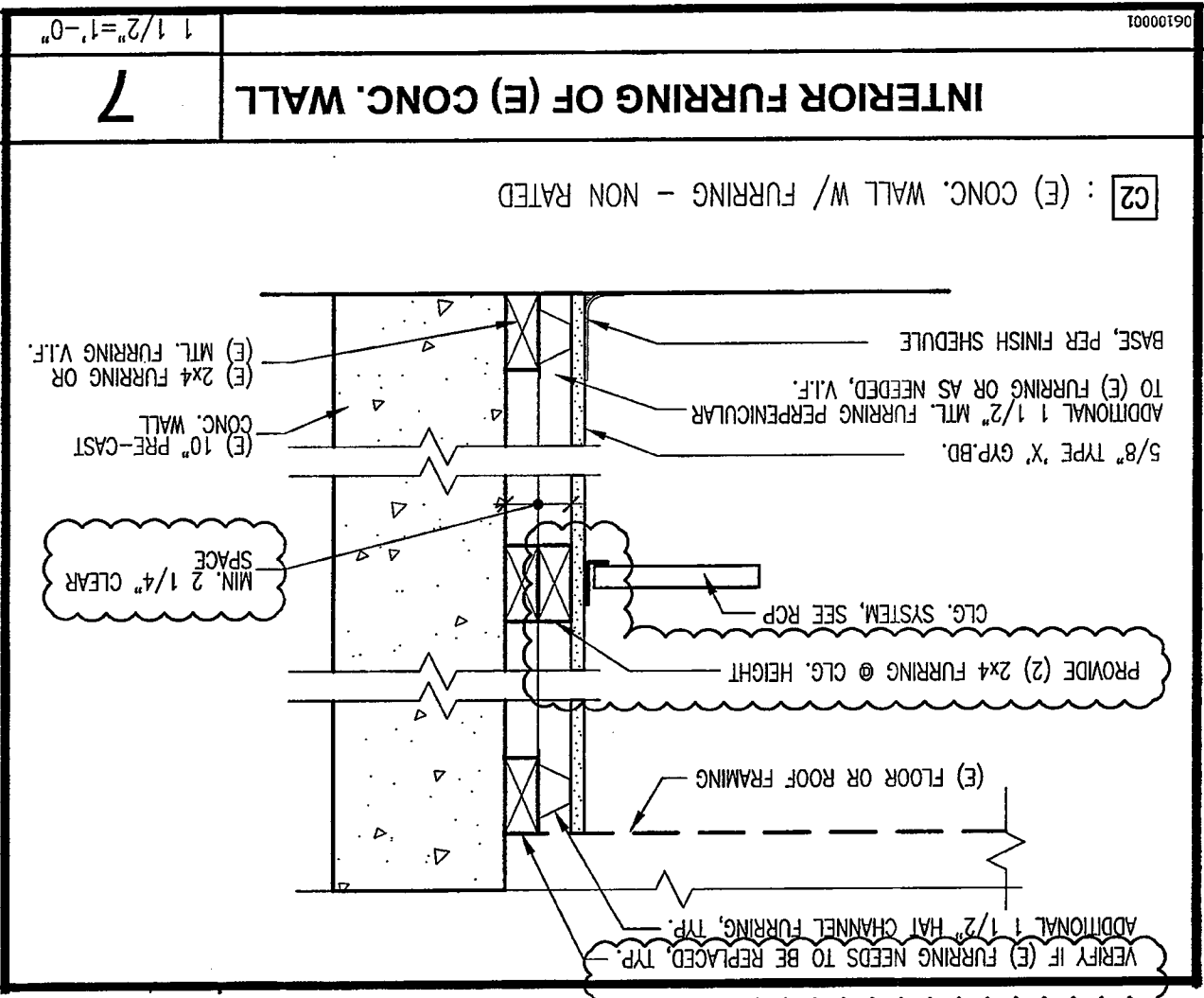
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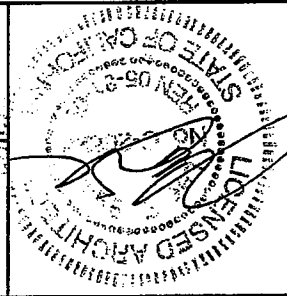
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CHABOT COLLEGE
MODERNIZATION OF
BLDG. 300 & 500

AD1-A1 Drawing No.		7/A10.3	
11/21/08 Date		Ref. sheet No.	
3342002 Project No.		1/8"=1'-0" Scale	
APPENDUM #1			





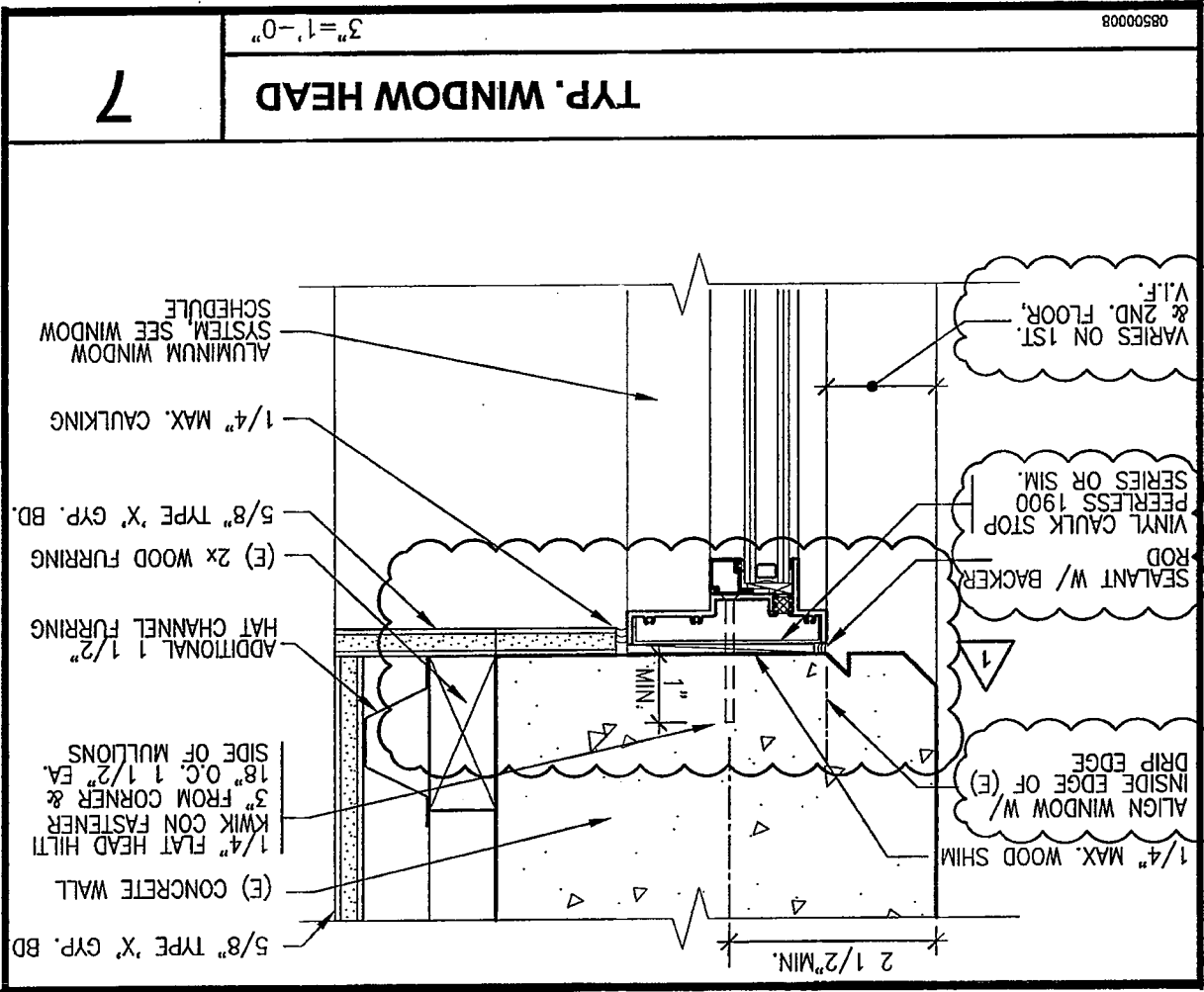
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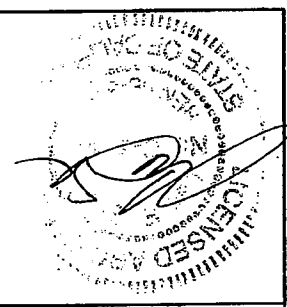
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**CHABOT COLLEGE
 MODERNIZATION OF
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AD1-A3 Drawing No.	7/A10.6
11/21/08 Date	Ref. sheet No.
3342002 Project No.	Scale 1/8" = 1'-0"
APPENDUM #1	

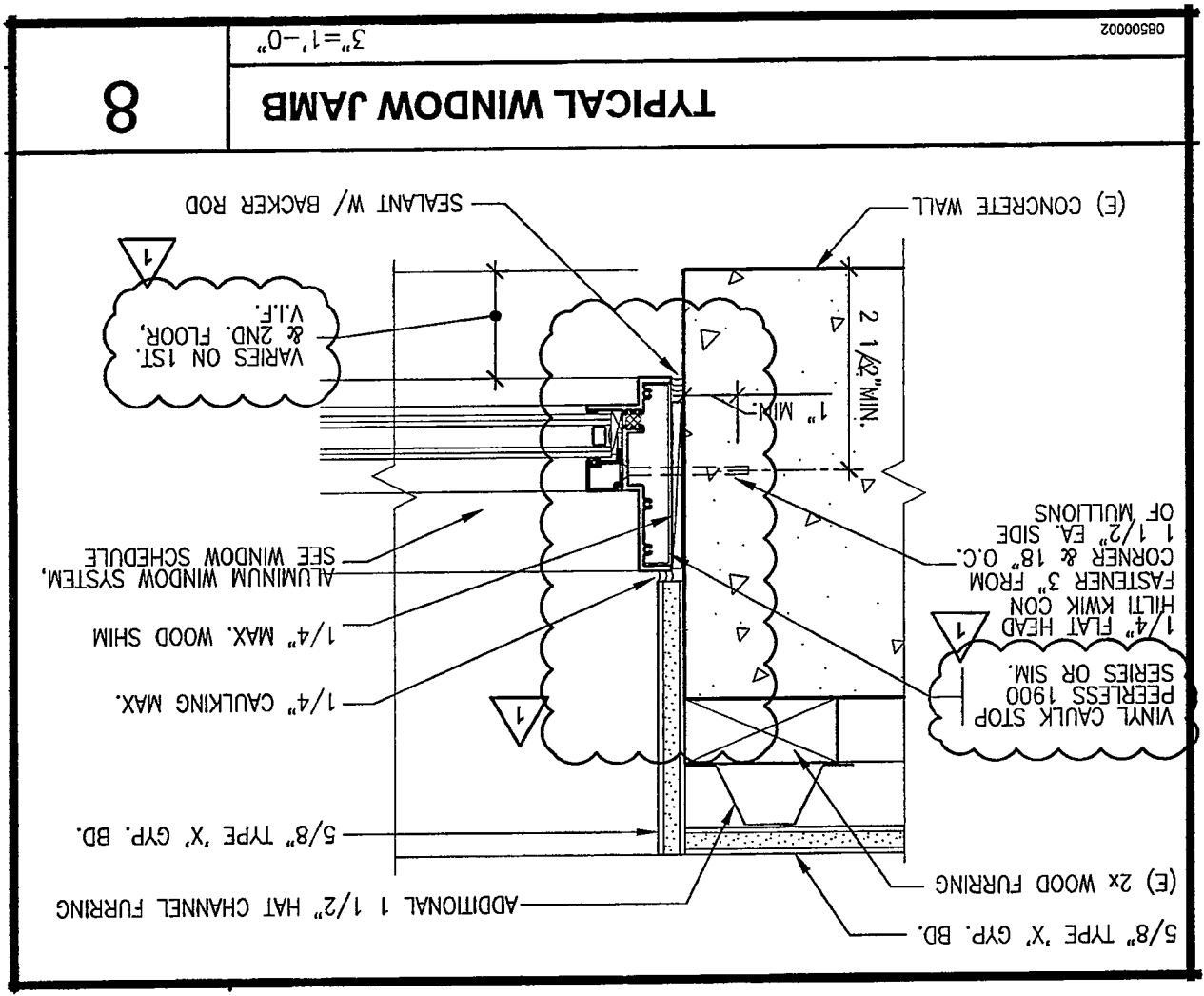




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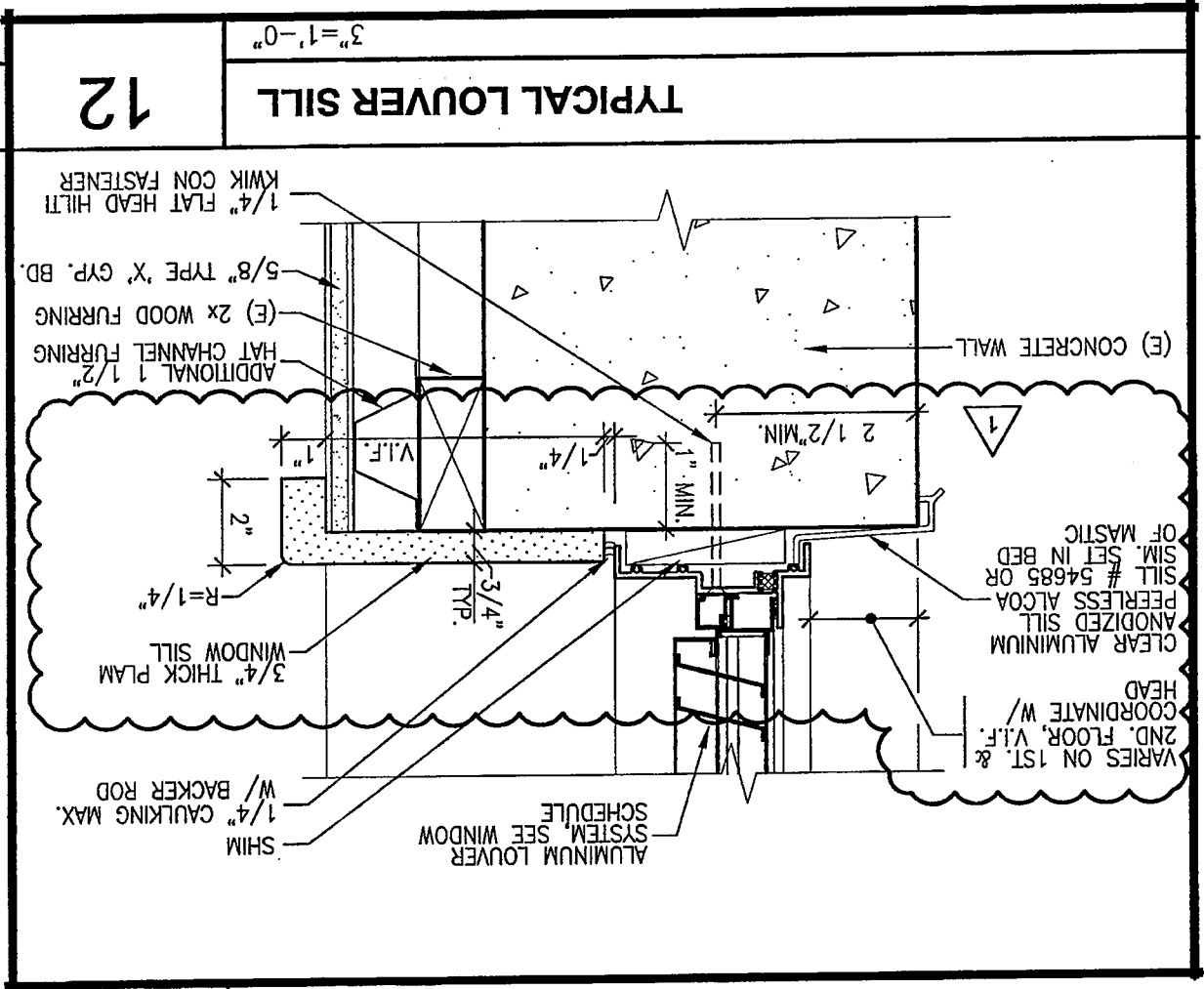
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Date 11/21/08	Ref. sheet No.
Drawing No. AD1-A4	8/A10.6



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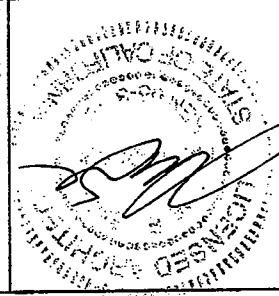
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Drawing No. AD1-A5	Ref. sheet No. 12/A10.6
Date 11/21/08	Scale 1/8"=1'-0"
Project No. 3342002	APPENDUM #1



TYPICAL LOWER SILL

12

3"=1'-0"



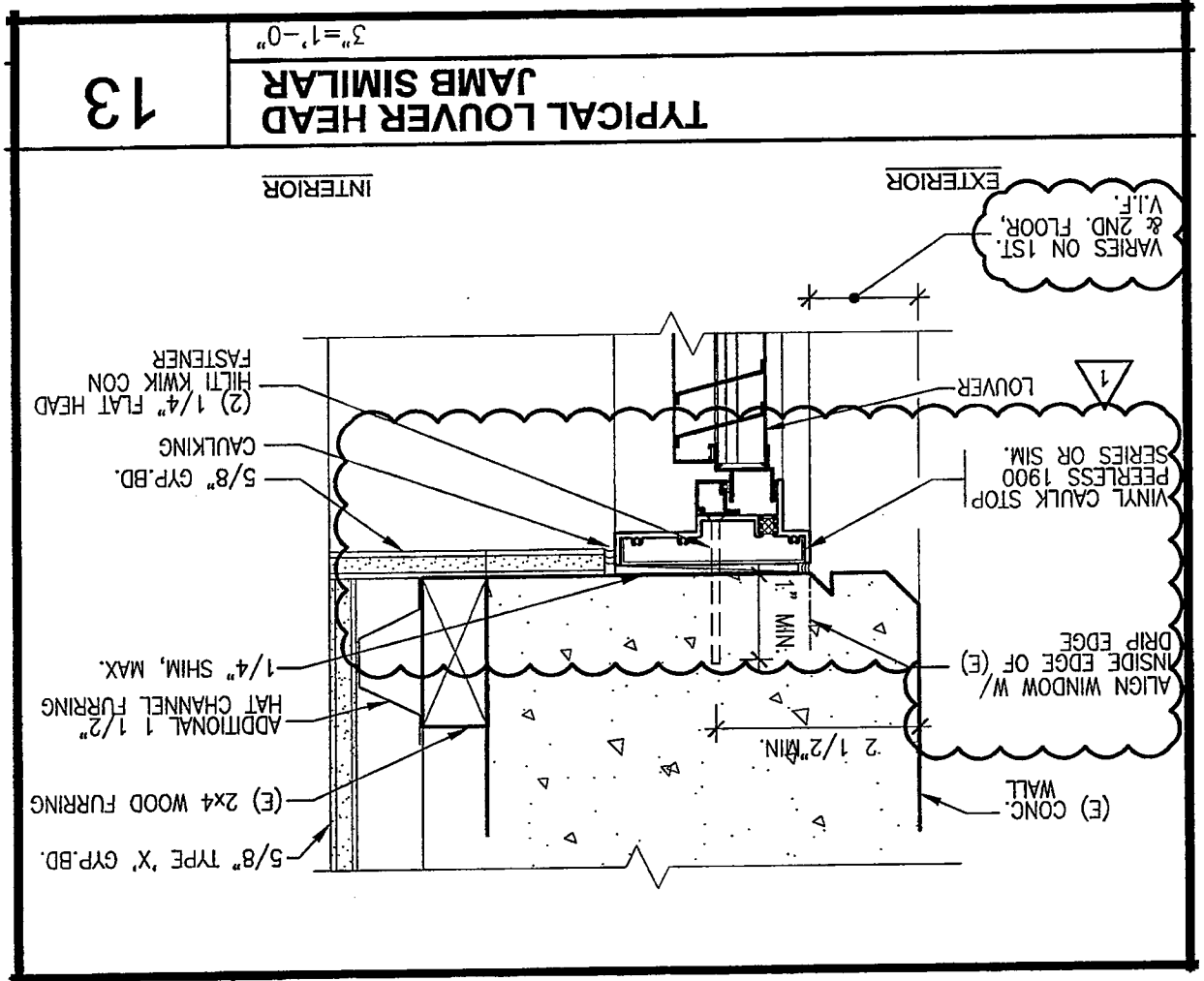
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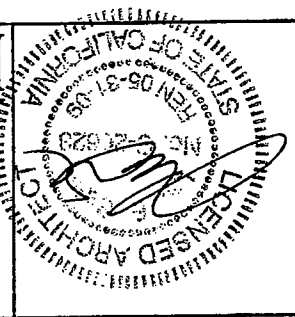
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CHABOT COLLEGE
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BLDG. 300 & 500

AD1-A6 Drawing No.		13/A10.6	Ref. sheet No.
11/21/08 Date			
3342002 Project No.		1/8"=1'-0" Scale	
ADDENDUM #1			





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AD1-A7
 Drawing No.

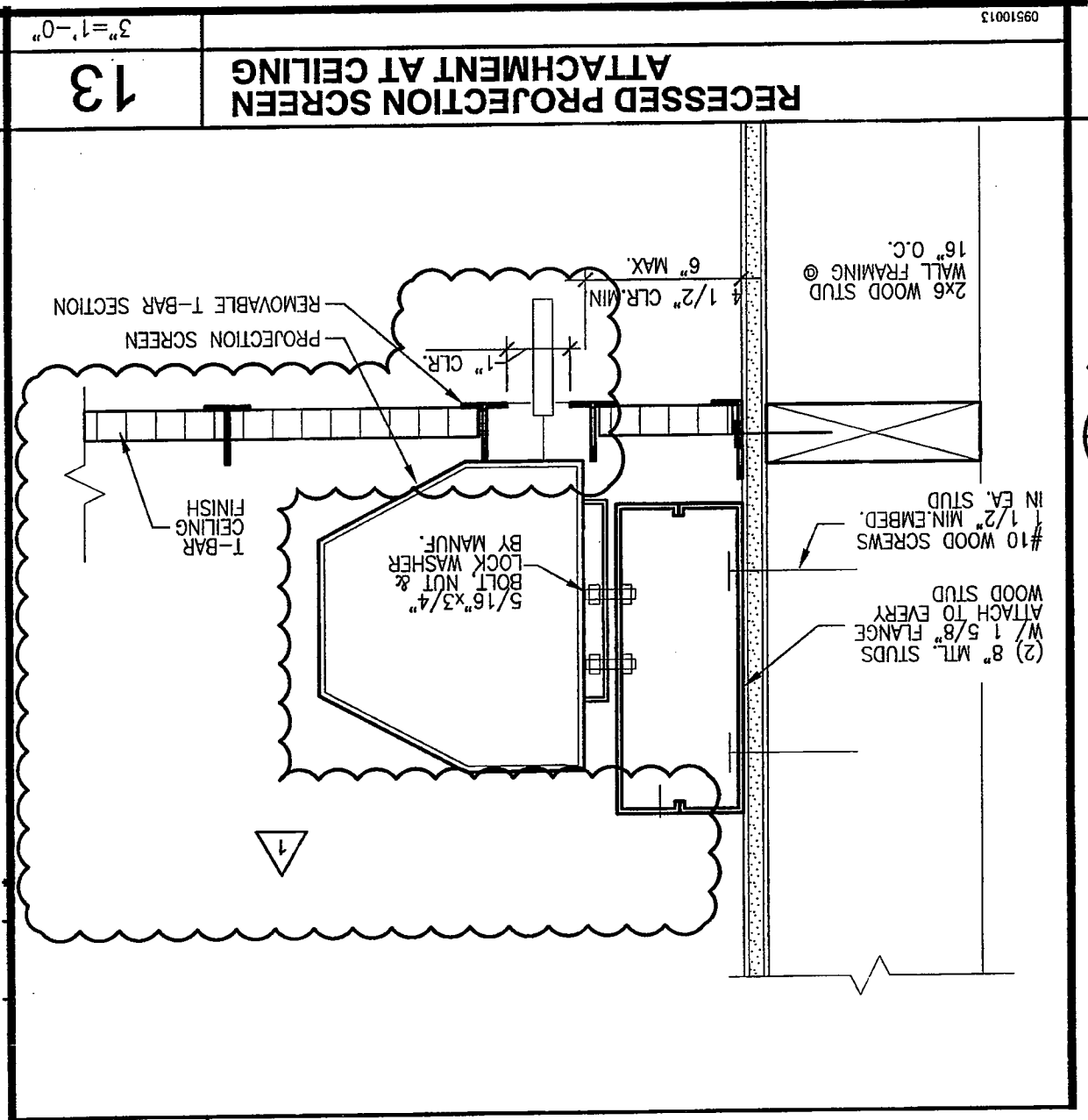
13/A10.7
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11/21/08
 Date

3342002
 Project No.

3"=1'-0"
 Scale

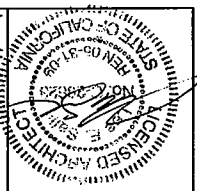
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Project No.	3342002
Ref. sheet No.	1/4" = 1'-0"
Date	11/21/08
Legend & Drawing No.	1 & 4/A7.1 AD1-A8

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CHABOT - LMS POSITIVE COMMUNITY COLLEGE DISTRICT
5020 Franklin Drive, Fremont, CA 94538



Project No. 3342002 - Check Change Order Bldg. 300 & 500
 11/21/08 212 PM Frederic Bauer
 DIV OF THE STATE ARCHITECT
 APPROVED
 AC *AC* FLS *AC* SS *Plan* DATE *11/21/08*

***1) CONTRASTING STRIPS AT STAIR NOSES**

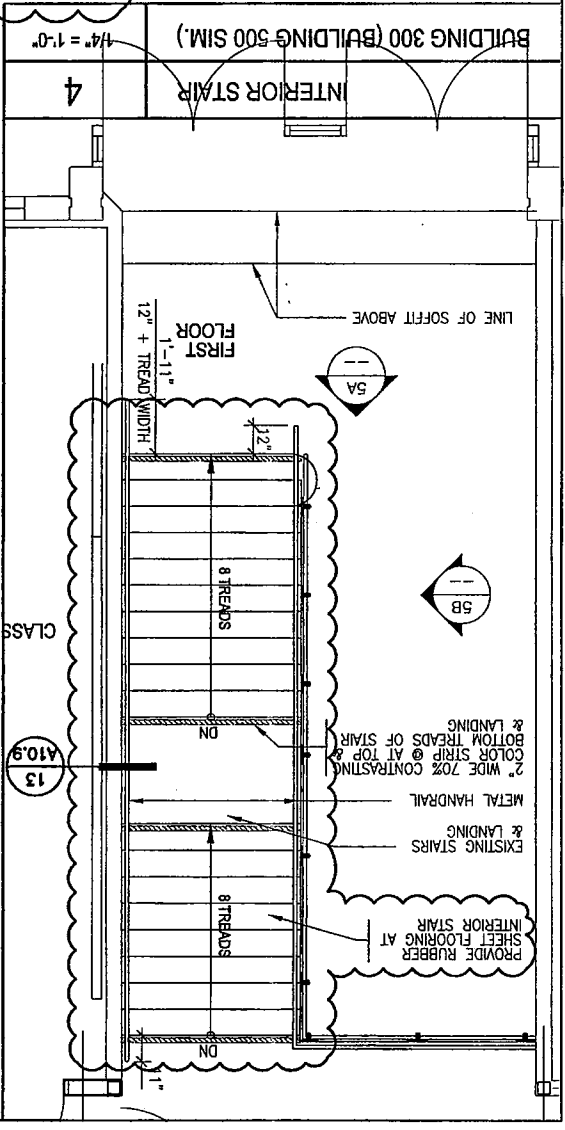
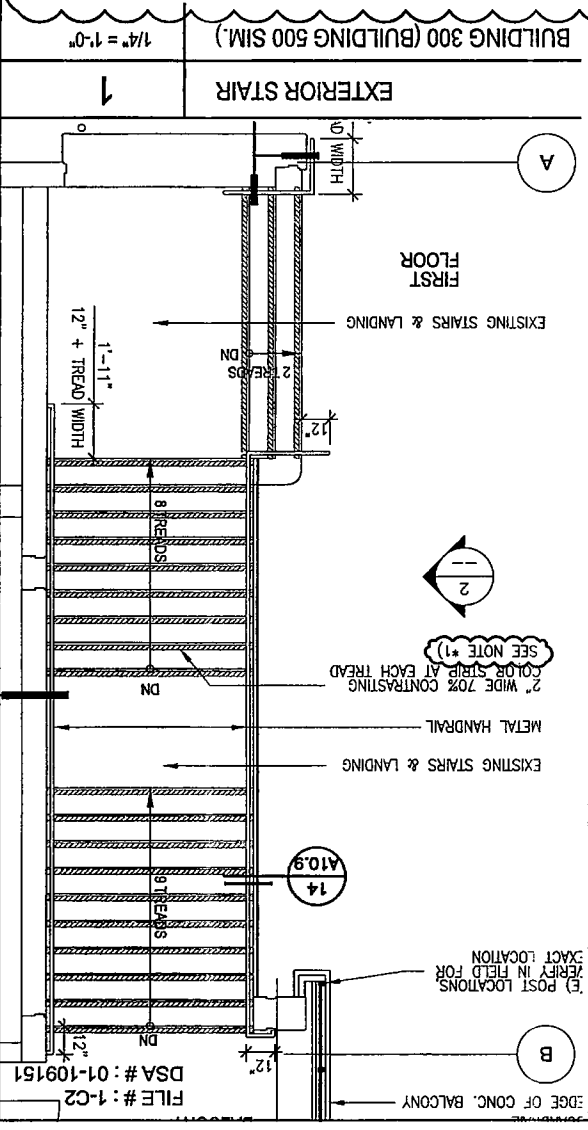
CAS/CAR - California Accessibility Statutes and California Accessibility Regulations, January 2003 and 2001 California Building code, CBC Section 1133B.7.1.1, 1133B.7.1.2

DETECTABLE WARNINGS TEXTURE

Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of detectable warnings surface products that fail in materials or workmanship within specified warranty period.

Failures include, but are not limited to, the following:
 a. shape, color fastness, confirmation, sound-on-cane acoustic quality, resilience, and attachment will not degrade significantly.
 b. degrade significantly means that product maintains at least 90 percent of its approved design characteristics, as determined by the authority having jurisdiction.
 c. Warranty period: five years from date of final completion.
 Authority: California Building code Sections 11774.4.5 and 1127B.5 items 3 and 5, Division of the State Architect Interpretation of Regulation (IR) 11B-2, 11B-3, 11B-4.

Product as indicated or similar:
 Safety-Walk, Slip - Resistant Material: Top 2" wide x the length of the stair treads, 600 Series, Color "Black #810" for interior stair, Color "Safety Yellow # 630" for exterior stair. Installation: per Manufacturer Recommendations : Surface Preparation, Surface Priming, Product Application





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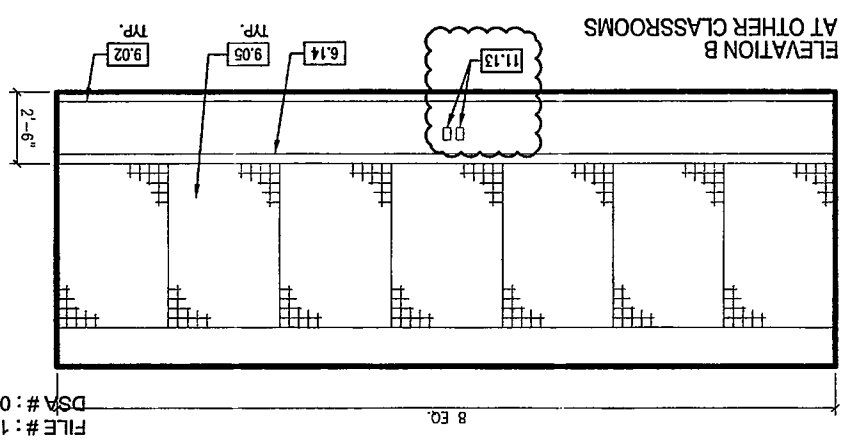
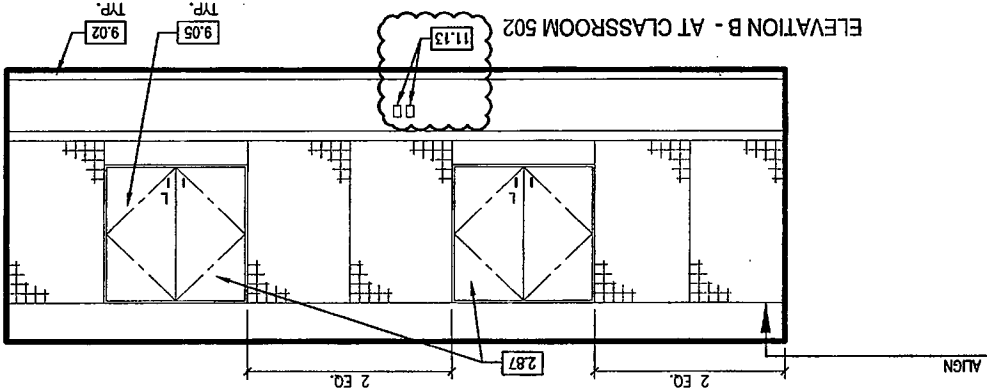
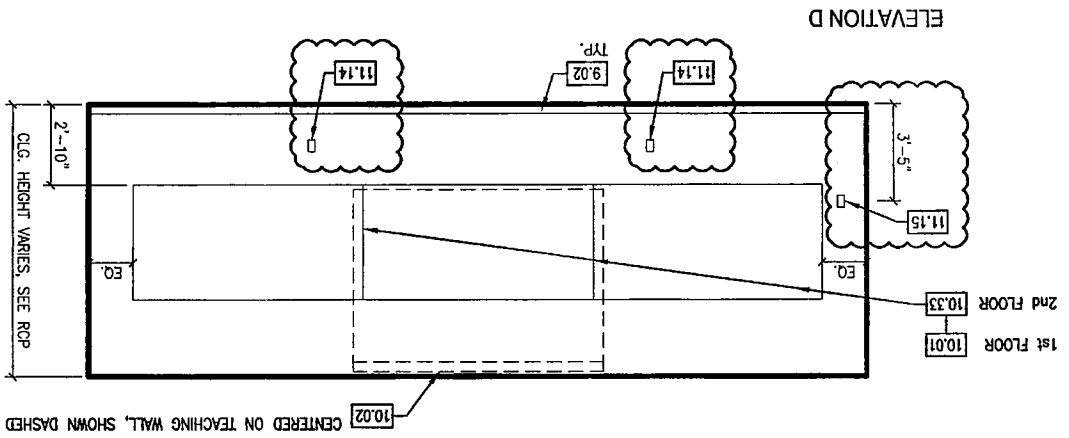
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 Date 11/21/08
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 Drawing No. AD1-A9
 2/A8.1_B

INTERIOR ELEVATIONS KEYNOTES

- 11.13 Electrical & Data outlet, place adjacent to ea. other. See Elec. & Telecom Dwg's for further information
- 11.14 Electrical outlet, see Electrical dwgs.
- 11.15 Location of switch for Projection screen.

APPL. NO. 01-109151 DATE 11/16/09
 SS [Signature]
 AC [Signature]
 BUILDING 500
 1/4" = 1'-0"

INTERIOR CLASSROOM ELEVATION
 DIV. OF THE STATE ARCHITECT
 APPROVED



For More Info: (925) 938-1300 - Office: (925) 938-1300 - Fax: (925) 938-1300 - Email: (925) 938-1300 - Website: www.hmc.com



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MODERNISATION OF BLDG. 300 & 500

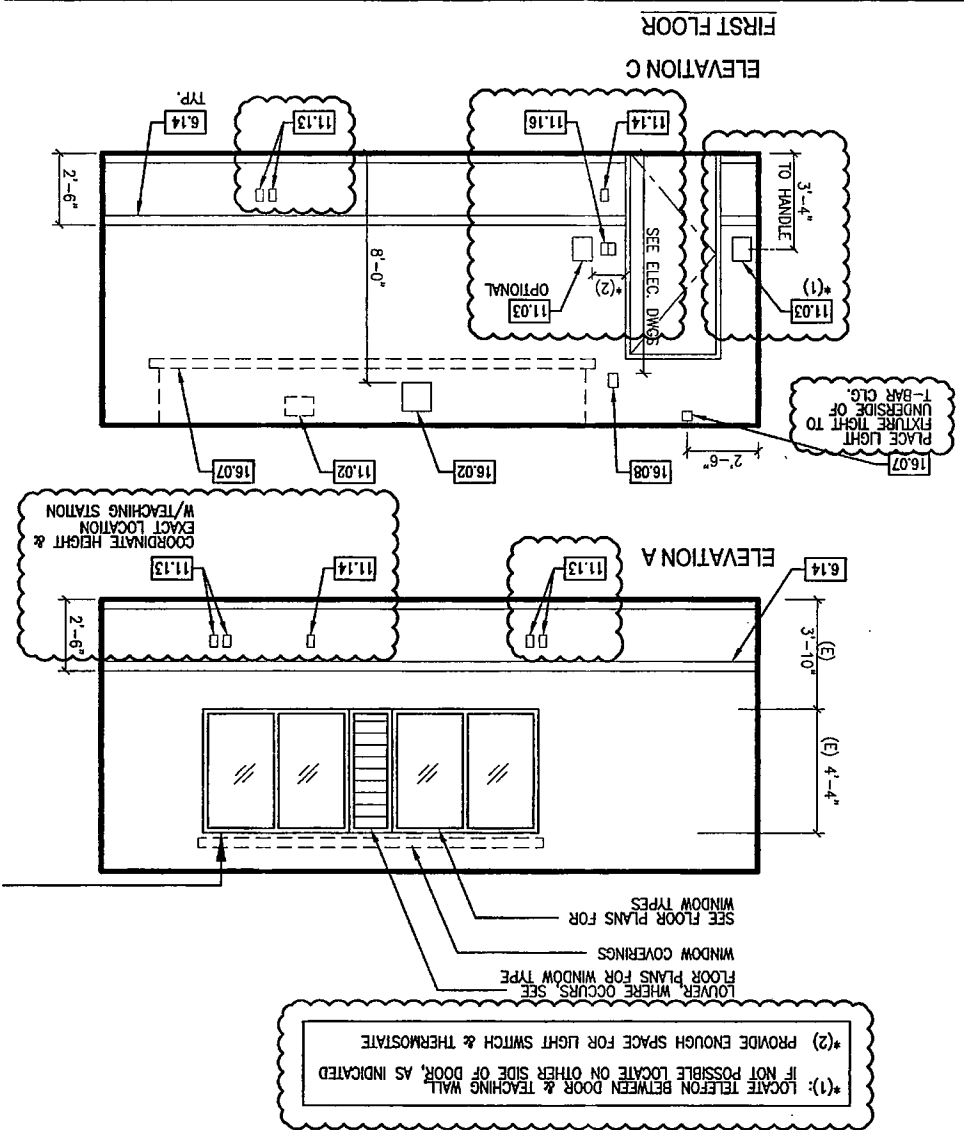
ADDENDUM #1

Scale as shown
 Project No. 3342002
 Ref. sheet No. 11/21/08
 Drawing No. AD1-A10

INTERIOR ELEVATIONS KEYNOTES

11.13 Electrical & Data outlet, place adjacent to eq. other. See Elec. & Telecom
 11.14 Electrical outlet, see Electrical dwgs.
 11.15 Location of switch for Projection screen.

INTERIOR CLASSROOM ELEVATION	BUILDING 500
2	1/4" = 1'-0"



* (1): LOCATE TELEFON BETWEEN DOOR & TEACHING WALL, IF NOT POSSIBLE LOCATE ON OTHER SIDE OF DOOR, AS INDICATED
 * (2): PROVIDE ENOUGH SPACE FOR LIGHT SWITCH & THERMOSTATE

APPROVED
 DIV. OF THE STATE ARCHITECT

AC *AC* FLS *AC* SS *SS* DATE *11/16/09*

APPL. NO. *01-109151*

FILE #: 1-C2
 DSA #: 01-109151

For more information, contact the State Architect at (916) 445-3000 or visit the State Architect's website at www.sac.ca.gov.



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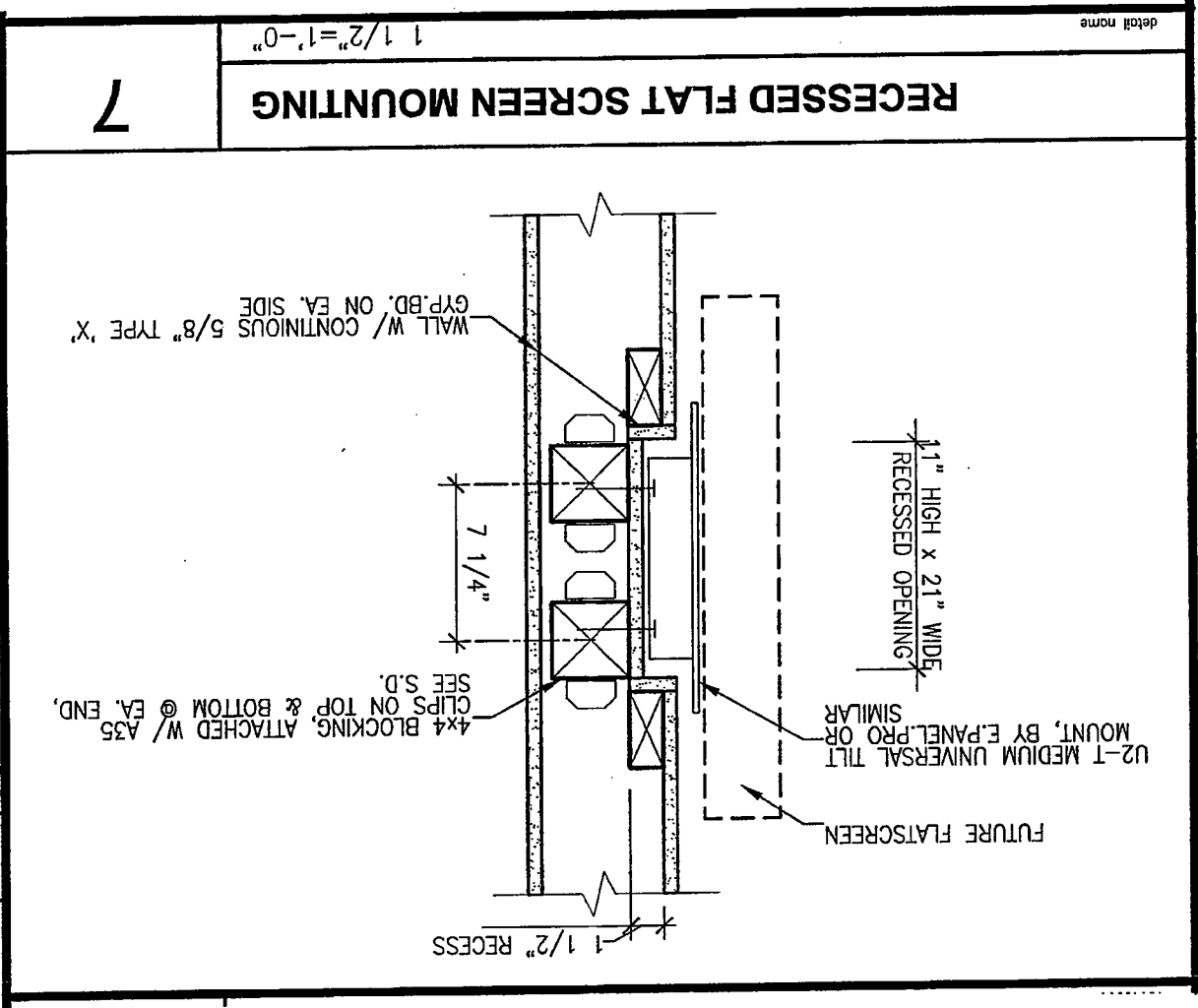
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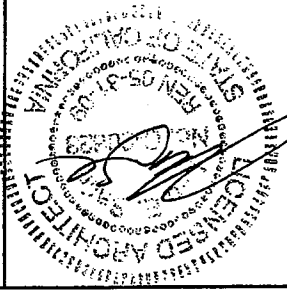
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**CHABOT COLLEGE
MODERNIZATION OF
BLDG. 300 & 500**

ADDITIONUM # 1	
Project No. 3342002	Scale 1/8"=1'-0"
Date 11/21/08	Ref. sheet No.
Drawing No. AD1-A11	7/A10.9





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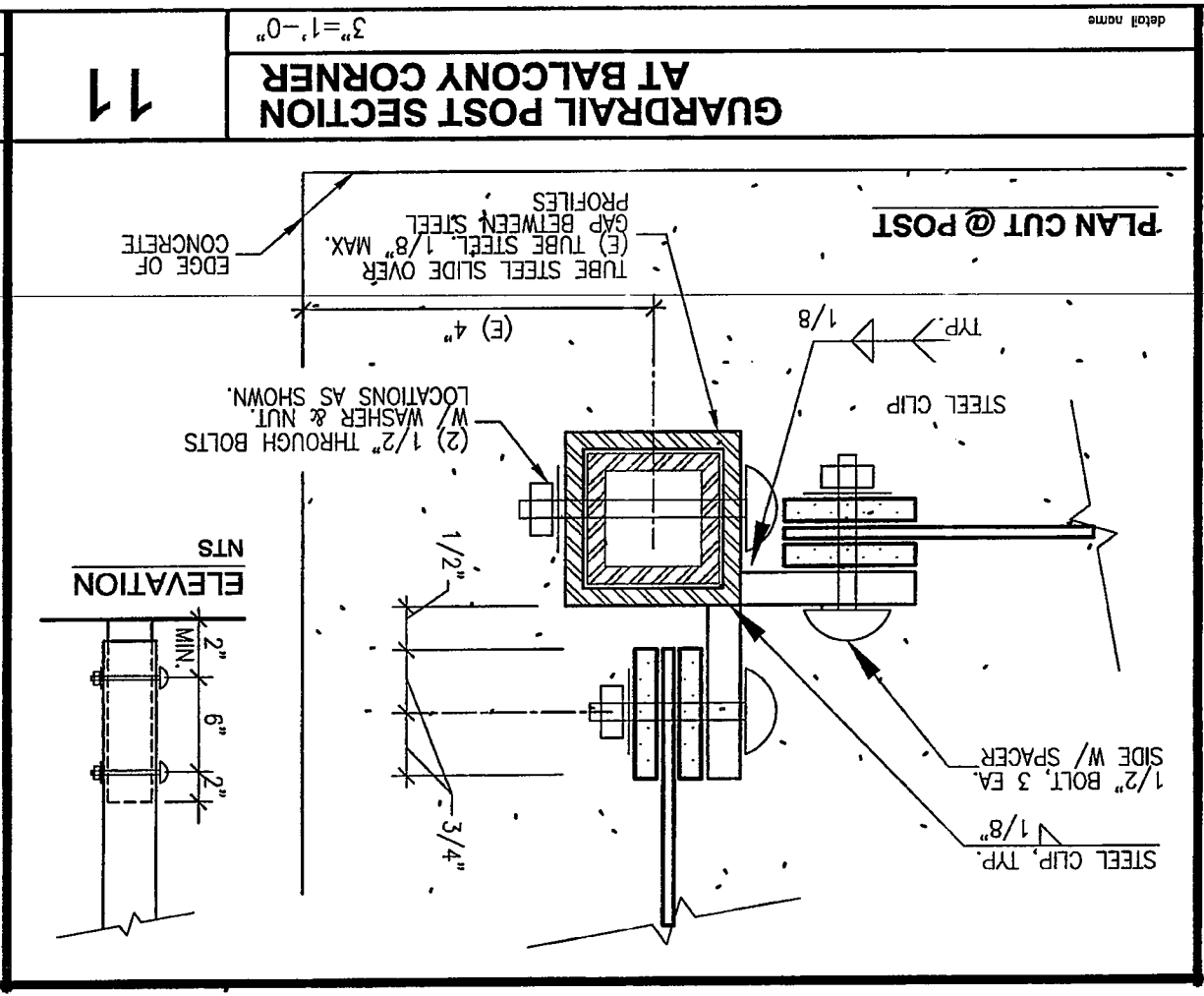
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**CHABOT COLLEGE
 MODERNIZATION OF
 BLDG. 300 & 500**

ADDENDUM # 1	
Scale 1/8"=1'-0"	Project No. 3342002
Ref. sheet No. 11/21/08	Date 11/21/08
Drawing No. AD1-A12	11/A10.9



SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH THE CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTIVE DISCOVERED WHICH ARE NOT COVERED BY THE CONTRACT DOCUMENTS AND WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH CALIFORNIA CODE OF REGULATIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF SUCH CONDITION. A CHANGE SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED FOR APPROVAL OF CALIFORNIA OFFICE OF REGULATION SERVICES (ORS) BEFORE PROCEEDING WITH THE WORK.

13. REGARDING CUTTING AND PATCHING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING WITH REGARD FOR INSTALLATION OF MATERIALS AND EQUIPMENT, AND FOR PROTECTION OF ADJACENT CONSTRUCTION. CUTTING AND WEAKENING OF EXISTING STRUCTURAL WALL FLOOR AND ROOF MEMBERS IS PROHIBITED UNLESS FULLY DETAILED ON THE PLAN AND MAINTAINING ALL FIRE FIGHTING CONSTRUCTION.

14. WORK INDICATED AS "OWNER FURNISHED, CONTRACTOR INSTALLED" (O.F.C.I.) SHALL MEET ALL APPLICABLE CODES AND REGULATORY REQUIREMENTS INDICATED WITHIN THESE DOCUMENTS AND SHALL BE INSTALLED AND FULLY OPERATIONAL PRIOR TO FINAL APPROVAL AND OCCUPANCY OF THE PROJECT.

15. ANY FUTURE CONSTRUCTIONS ARE NOT PART OF THIS APPROVAL.

16. PRIOR TO OCCUPANCY OF THE BUILDING, THE FIRE ALARM SYSTEMS SHALL BE INSPECTED BY THE HAYWARD FIRE PREVENTION DEPARTMENT.

17. ALL NOTED ITEMS NOT IDENTIFIED AS (E) FOR EXISTING ARE NEW AND TO BE PROVIDED IN THIS PROJECT.

18. (E) OFCI ITEMS TO BE RELOCATED FROM THEIR EXISTING LOCATION WITHIN CAMPUS BY G.C.

ADMINISTRATIVE REQUIREMENTS

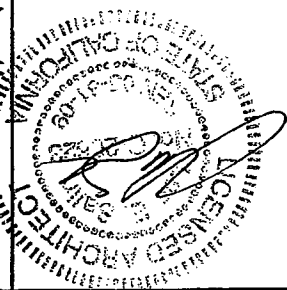
1. A COPY OF PARTS 1 TO 5, TITLE 24, C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
2. ALL CHANGE ORDERS AND ADDENDA TO BE SIGNED BY ARCHITECT AND THE OWNER AND APPROVED BY DSA. CHANGE ORDERS ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-338, PART 1, TITLE 24.
3. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24, AND APPROVED TESTS AND INSPECTION TESTS OF MATERIALS SHALL AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335, PART 1, TITLE 24 AND SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST SHALL BE PER GENERAL CONDITIONS.
4. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, TITLE 24.
5. INSPECTOR SHALL BE APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(b). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24.
6. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24.
7. CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (Form SSS-6) IN ACCORDANCE WITH SECTION 4-336 AND 4-343, PART 1, TITLE 24.
8. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-333(a) AND 4-336 AND 4-343, PART 1, TITLE 24.
9. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTIONS 4-336 AND 4-343, PART 1, TITLE 24.
10. DSA IS NOT SUBJECT TO ARBITRATION.

ADDENDUM #1	
Project No. 3342002	Scale 1"=0"=1'-0"
Date 11/21/08	Ref. sheet No.
Drawing No. AD1-A13	GENERAL NOTES A0.0

**CHABOT COLLEGE
MODERNIZATION OF
BLDG. 300 & 500**

555 HESPERIAN BLVD., HAYWARD, CA 94545
CHABOT - LAS POSTAS COMMUNITY COLLEGE DISTRICT
5020 Franklin Drive, Pleasanton, CA 94588

HMC
1570 THE ALAMEDA, Suite 330
SAN JOSE, CALIFORNIA 91764
Telephone: (408) 877-9190 Fax: (408) 877-8170



APPROVED
DIV. OF THE STATE ARCHITECT

AC AG F/S AC SS RDW
APPL. NO. 01-10915 DATE 11/19/08
DS# 01-108817

CHABOT COLLEGE MODERNIZATION OF BLDG. 300 & 500

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San Jose, CA 95128
Phone: (408) 971-1100 Fax: (408) 971-1100

Scale: NTS
Project No. 3342002
Date 11/21/08
Drawing No. AD1-A14

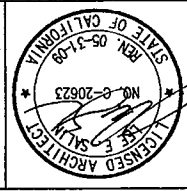
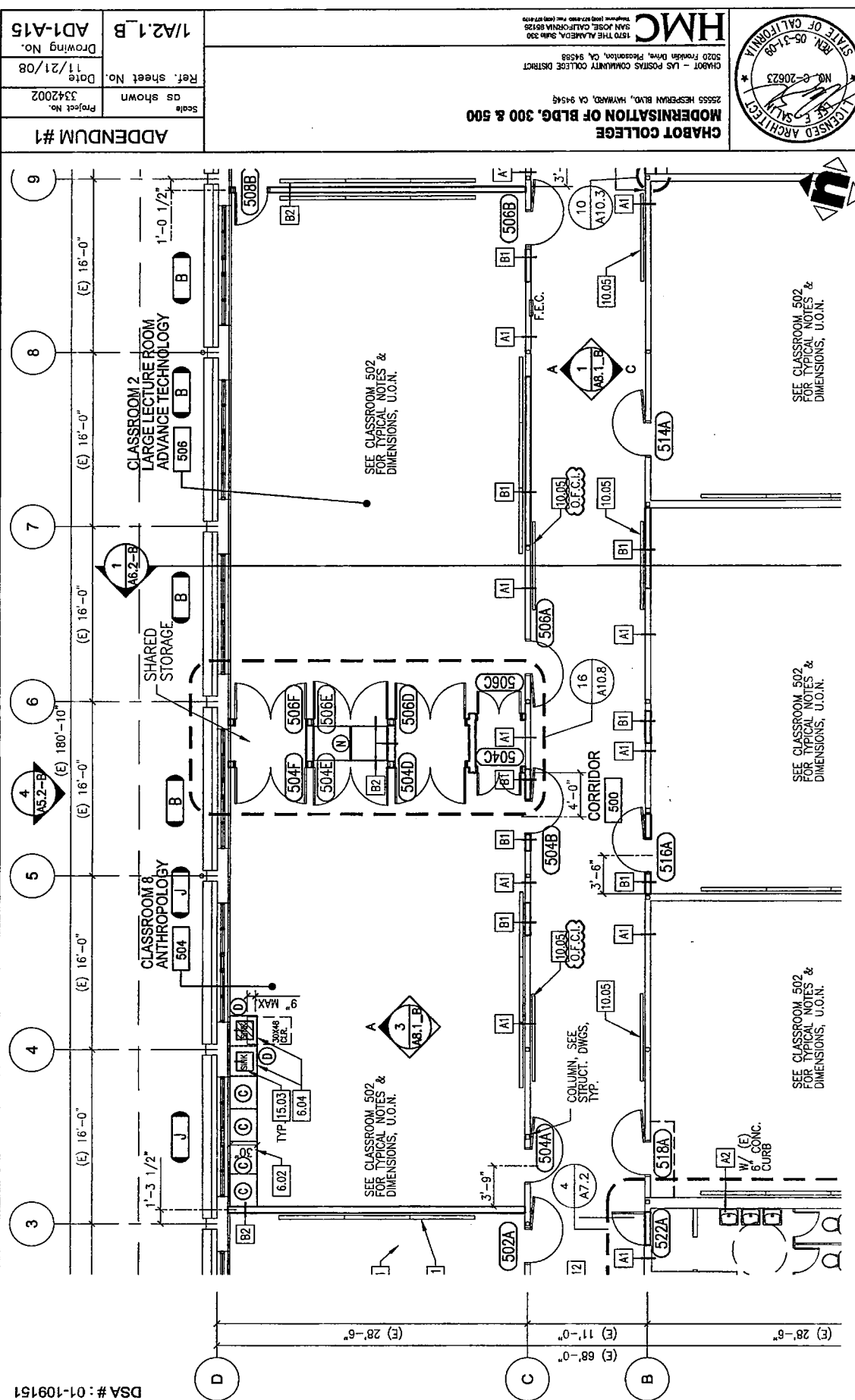
Ref. sheet No. A9.1
APPENDUM #1



DOOR SCHEDULE - BUILDING 500

DOOR NO.	NOMINAL SIZE		THICK.	TYPE	MAT.	FINISH	GLASS	TYPE	MAT.	FINISH	FRAME			DETAILS		SILL	GROUP	EXIT DEVICE	SIGN DETAIL	FIRE RATING	REMARKS
	WIDTH	HEIGHT									HEAD	JAMB	HINGE								
520A	(E) PR	3'-0" x 7'-0"	---	---	---	MP	---	(E)	---	---	MP	4/A10.6	4/A10.6	4/A10.6	---	1/A10.6	---	---	2/A10.10, TYPE J	---	DSA # 56581
520A		3'-0" x 7'-0"	1.75	A	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	19	---	---	1/A10.10	20 MIN.	
524A		3'-0" x 7'-0"	1.75	A	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	14	---	---	2/A10.10, TYPE J	20 MIN.	
528A		3'-0" x 7'-0"	1.75	A	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	14	---	---	2 & 3/A10.10, TYPE J	20 MIN.	SEE NOTE 3
SECOND FLOOR																					
501A	(E) PR	3'-0" x 7'-0"	---	---	---	---	---	(E)	---	---	---	---	---	---	---	1/A10.6	---	---	3B/A10.10	---	DSA # 56581 (E) PANIC HARDWARE TO REMAIN
503A		3'-0" x 7'-0"	1.75	B	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	10	---	---	2/A10.10, TYPE J	20 MIN.	SEE NOTE 4
505A		3'-0" x 7'-0"	1.75	B	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	10	---	---	2/A10.10, TYPE J	20 MIN.	SEE NOTE 4
507A		3'-0" x 7'-0"	1.75	B	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	10	---	---	2/A10.10, TYPE J	20 MIN.	SEE NOTE 4
509A		3'-0" x 7'-0"	1.75	B	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	10	---	---	2/A10.10, TYPE J	20 MIN.	SEE NOTE 4
511A		3'-0" x 7'-0"	1.75	B	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	10	---	---	2/A10.10, TYPE J	20 MIN.	SEE NOTE 4
513A		3'-0" x 7'-0"	1.75	B	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	10	---	---	2/A10.10, TYPE J	20 MIN.	SEE NOTE 4
515A		3'-0" x 7'-0"	1.75	B	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	10	---	---	2/A10.10, TYPE J	20 MIN.	SEE NOTE 4
517A		3'-0" x 7'-0"	1.75	B	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	10	---	---	2/A10.10, TYPE J	20 MIN.	SEE NOTE 4
519A		3'-0" x 7'-0"	1.75	B	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	10	---	---	2/A10.10, TYPE J	20 MIN.	SEE NOTE 4
523A		3'-0" x 7'-0"	1.75	A	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	19	---	---	1/A10.10	20 MIN.	
525A		3'-0" x 7'-0"	1.75	A	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	14A	---	---	2/A10.10, TYPE J	20 MIN.	
527A	PR	3'-0" x 7'-0"	1.75	D	SC	BP	---	D	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	11	---	---	2/A10.10, TYPE J	20 MIN.	SEE NOTE 4
529A	PR	3'-0" x 7'-0"	1.75	D	SC	BP	---	D	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	11	---	---	2/A10.10, TYPE J	20 MIN.	SEE NOTE 4
531A		3'-0" x 7'-0"	1.75	A	SC	BP	---	A	HM	MP	4/A10.6	4/A10.6	4/A10.6	---	3/A10.6	14	---	---	2 & 3/A10.10, TYPE J	20 MIN.	SEE NOTE 3

151-10915-2008-1041-3342002 - Chabot College Classroom Bldg Modernization (18-C01) 3342002 - Chabot College Classroom Bldg Modernization (18-C01) 3342002-1A1 300 500 Door Schedule-08 11/21/2008 11:12 AM Frederic Bauer



CHABOT COLLEGE
MODERNIZATION OF BLDG. 300 & 500
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 HMC
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ADDENDUM #1

Scale as shown Project No. 3342002
 Ref. sheet No. 11/21/08 Date
 Drawing No. AD1-A15

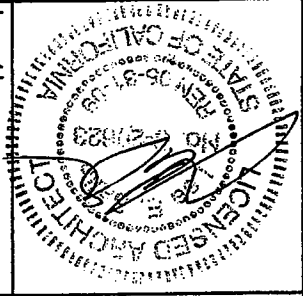


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CHABOT - LAS POSITAS COMMUNITY COLLEGE DISTRICT
 5020 Franklin Drive, Pleasanton, CA 94566
BLDG. 300 & 500
 25555 HESPERIAN BLVD., HAYWARD, CA 94545

ADDENDUM #1	
Project No. 3342002	Scale as shown
Date 11/21/08	Ref. sheet No.
Drawing No. AD1-A16	Keynotes / A2.1_B Floor Plan

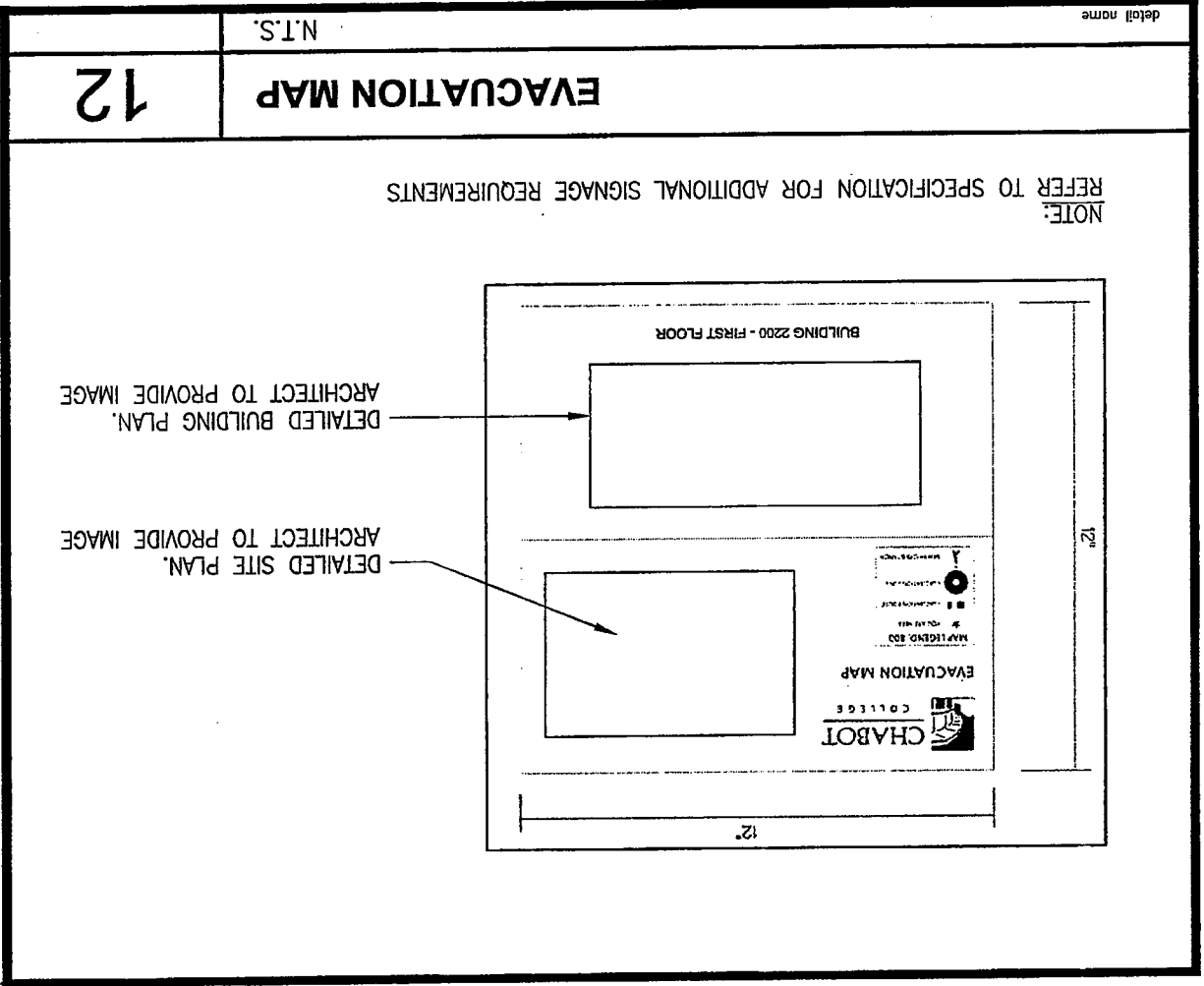
FLOOR PLAN KEYNOTES	
2.00	SITE CONSTRUCTION / EXISTING CONDITIONS
2.92	(E) Drinking fountain to remain, DSA# 56581
2.93	(E) ADA automatic entry door to remain
2.94	(E) Building signage to remain, DSA # 56581
2.95	(E) Accessible building signage.
2.99	(E) Base board radiator to be removed and replaced, See Mech. Dwg.
3.00	CONCRETE
3.02	Clean (E) concrete stairs
3.04	Patch (E) concrete stairs & wall as required where (E) railing demolition occurred.
5.00	METALS
5.02	Metal handrail. See Detail 14/A10.9
5.04	Metal guardrail. See elevation 5/A7.1 sim.
6.00	WOOD AND PLASTICS
6.02	Lower Casework, See Detail 1, 6 & 9/A10.8
6.04	Accessible sink cabinet, See Detail. 1, 4, 6 & /A10.8
6.15	Provide display case doors, See Detail 10/A10.8 sim.
7.00	THERMAL AND MOISTURE PROTECTION
7.02	Line of (E) roof above.
9.00	FINISHES
9.01	Flooring, See Finish Schedule
9.03	Paint Finish
10.00	SPECIALTIES
10.01	White Marker Board. See Detail 18/A10.9
10.05	Display Board 4'-0"x8'-0". See Detail 16/A10.9
10.12	Elevator signage. See Detail 4/A10.9
10.33	Chalk Board. See Detail 18/A10.9
11.00	EQUIPMENT
11.03	Emergency Telephone
11.11	Future recessed 32" flat screen display. Provide power & data as indicated in Elec. & Telecommunication dwgs.
12.00	FURNISHINGS
12.02	Entry carpet system (4'-0" x 8'-0"). U.O.N.
15.00	MECHANICAL
15.03	Sink. See Plumb. Dwg.

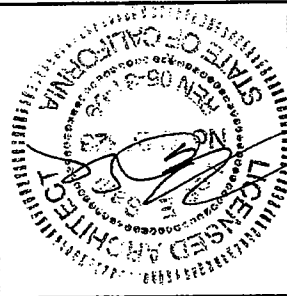


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**CHABOT COLLEGE
 MODERNIZATION OF
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 2555 HESPERIAN BLVD., HAYWARD, CA 94545
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 5020 Franklin Drive, Pleasanton, CA, 94588

AD1-A17 Drawing No.		12/A10.10
AD1-A17 Project No.	3342002	
11/21/08 Date	Ref. sheet No.	
Scale as shown		
APPENDUM #1		

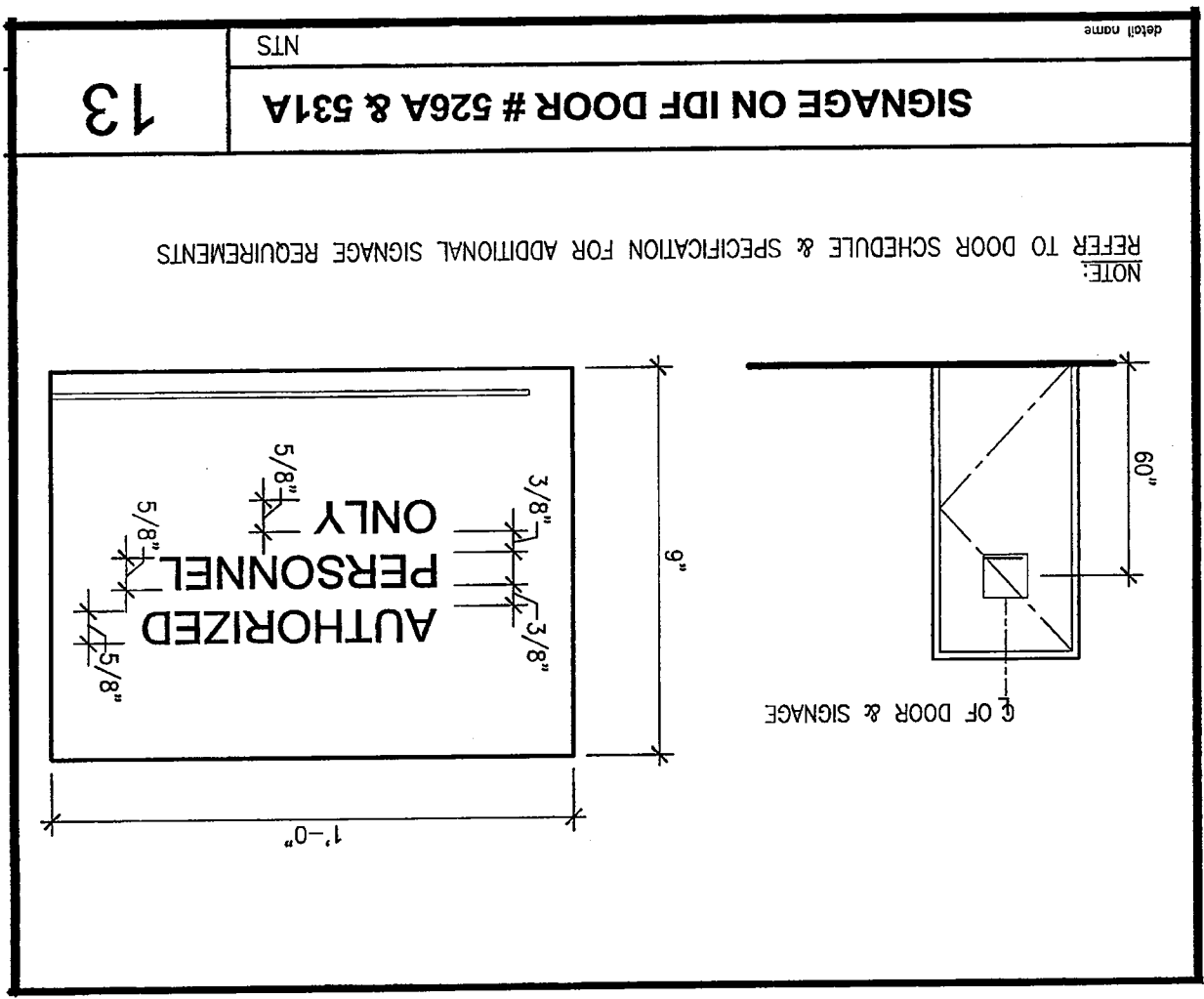


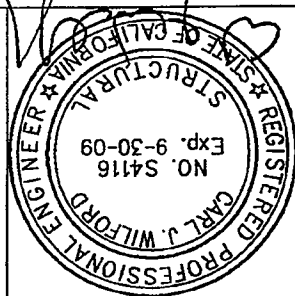


HMC
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**CHABOT COLLEGE
 MODERNIZATION OF
 BLDG. 300 & 500**
 25555 HESPERIAN BLVD., HAYWARD, CA 94545
 CHABOT - LAS POSITAS COMMUNITY COLLEGE DISTRICT
 5020 Franklin Drive, Pleasanton, CA, 94588

AD1-A18 Drawing No.		13/A10.10
11/21/08 Date	Ref. sheet No.	
3342002 Project No.	Scale as shown	
APPENDUM #1		





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 SAN JOSE, CALIFORNIA 95128
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CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT
 5020 FRANKLIN DRIVE, PLEASANTON, CA 94588

25555 HESPERIAN BLVD., HAYWARD, CA 94545

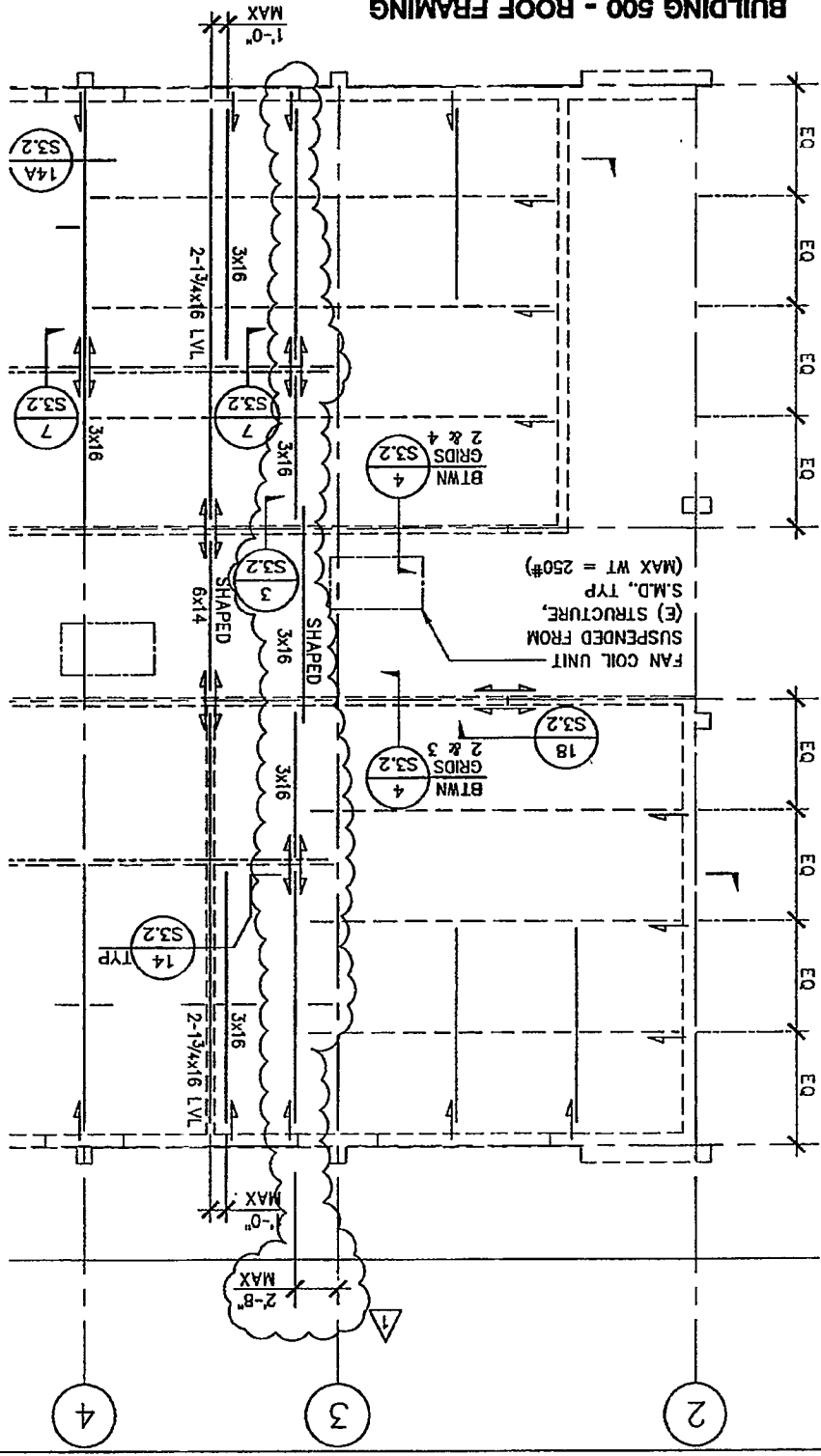
**CHABOT COLLEGE MODERNIZATION
 OF BUILDINGS 300, 500**

Scale: 1/8" = 1'-0"
 Ref. Detail No.
 Project No. 3342002
 Date 11.21.08
 Drawing No. AD1-51
 S2.6

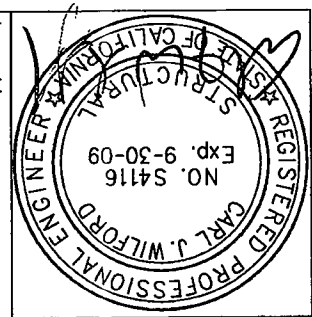
APPENDUM #1



**BUILDING 500 - ROOF FRAMING
 PARTIAL PLAN**



FILE #: 1-C2
 DSA #: 01-109151



HMC
 1570 THE ALAMEDA, Suite 330
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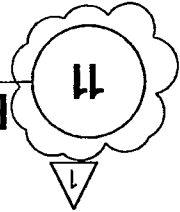
CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT
 5020 FRANKLIN DRIVE, PLEASANTON, CA 94588

25555 HESPERIAN BLVD., HAYWARD, CA. 94545
**CHABOT COLLEGE MODERNIZATION
 OF BUILDINGS 300, 500**

11/S3.2	11/13/02	AD1-S2
Ref. Detail No.	Date	Drawing No.
Scale	Project No.	
1" = 1'-0"	3342002	
APPENDUM #1		

DASSE
 San Francisco
 Structural Engineers
 535 Main Street, Suite 850
 Oakland
 DASSE Design, Inc.
 www.dasse.com
 415-243-8900 fax 415-243-9165

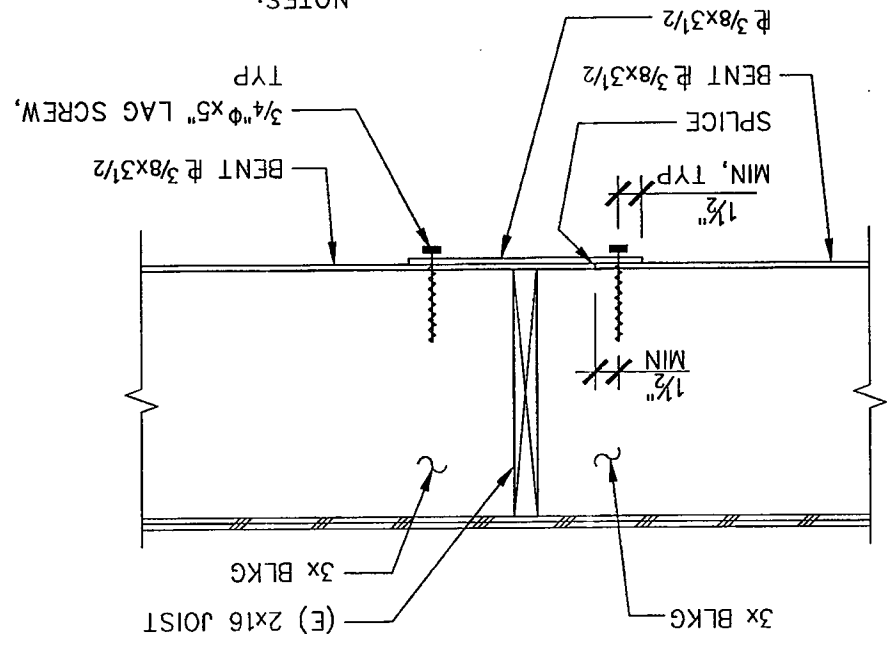
BENT PLATE SPICE DETAIL



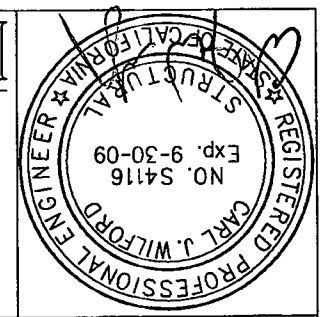
1" = 1'-0"



- NOTES:
1. SPLICES NOT TO BE LOCATED WITHIN 12'-0" OF EXTERIOR CONCRETE WALL
 2. FOR INFORMATION NOT SHOWN OR NOTED, SEE



FILE # : 1-C2
 DSA # : 01-109151



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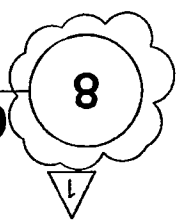
CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT
 5020 FRANKLIN DRIVE, PLEASANTON, CA 94588

2555 HESPERIAN BLVD., HAYWARD, CA 94545

Project No. 3342002	Ref. Detail No. 11.21.08	8/S3.3	AD1-53
Scale 1" = 1'-0"	Date 11.21.08		
CHABOT COLLEGE MODERNIZATION			
OF BUILDINGS 300, 500			
APPENDUM #1			



CORES THRU (E) FOUNDATION



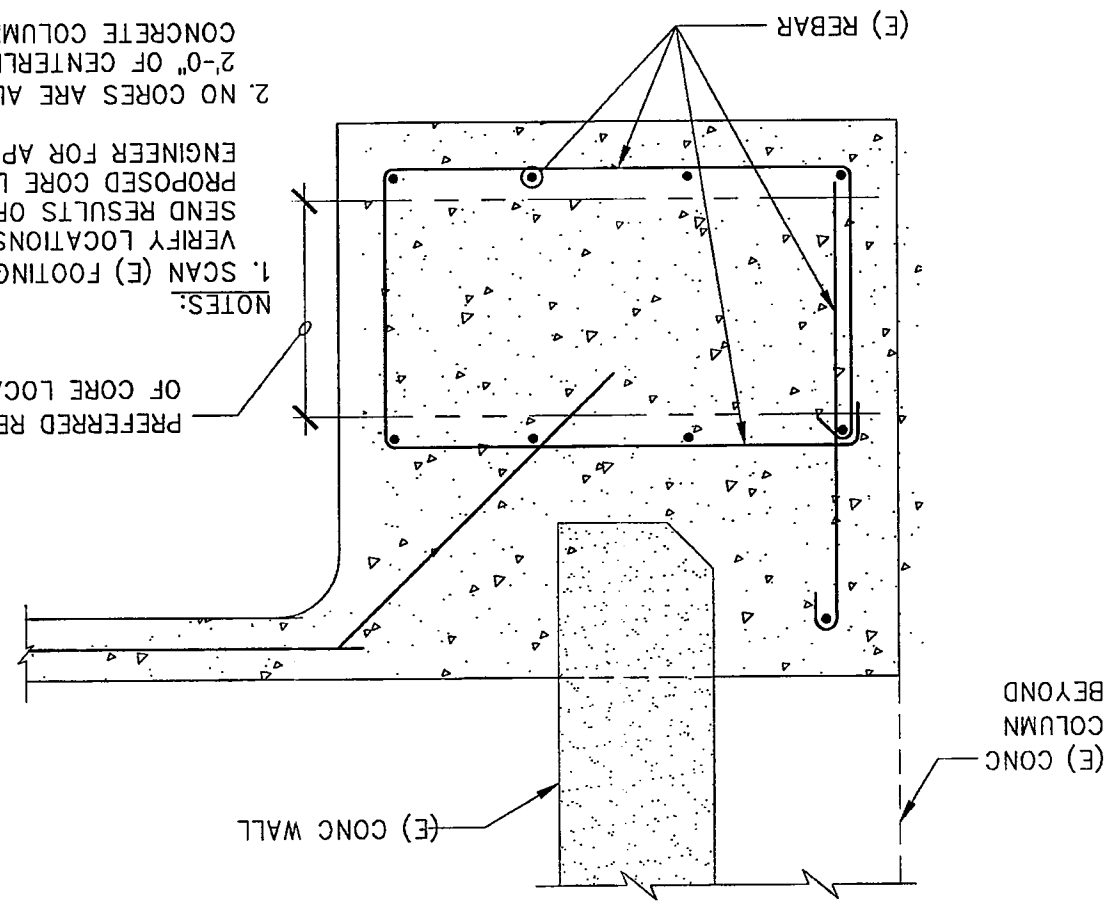
1" = 1'-0"

- 4. MAXIMUM CORE DIAMETER=8"
- 3. CORES MUST BE SPACED AT 2D O.C. MIN, WHERE D=CORE DIAMETER.

- 2. NO CORES ARE ALLOWED WITHIN 2'-0" OF CENTERLINE OF (E) CONCRETE COLUMNS.
- 1. SCAN (E) FOOTINGS IN FIELD TO VERIFY LOCATIONS OF (E) REBAR. SEND RESULTS OF SCAN AND PROPOSED CORE LOCATIONS TO ENGINEER FOR APPROVAL.

NOTES:
 1. SCAN (E) FOOTINGS IN FIELD TO VERIFY LOCATIONS OF (E) REBAR. SEND RESULTS OF SCAN AND PROPOSED CORE LOCATIONS TO ENGINEER FOR APPROVAL.

PREFERRED REGION OF CORE LOCATIONS



FILE # : 1-C2
 DSA # : 01-109151

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San Francisco
Oakland

**SUPPLEMENTAL
STRUCTURAL
CALCULATIONS**

FOR

**CHABOT COLLEGE
MODERNIZATION OF BUILDINGS 300 & 500
APPENDUM # 1**

ARCHITECT:

HMC Architects
1570 The Alameda, Suite 300
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Facsimile: 408-977-9170

STRUCTURAL ENGINEER:

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Telephone: (415) 243-8400
Facsimile: (415) 243-9165

DASSE Project No.: 06B254x2



APPENDUM #1 DSA COMMENTS

CHECK NOTCHED STUDS PER DETAIL 7/A10.9

$$R_{L1} = 18 \text{ psf} \times 16 \text{ in} / 12 \text{ in} \times \frac{1}{2} (11'-0" + 31'-0") = 504 \text{ lb}$$

$$R_{L2} = 20 \text{ psf} \times 16 \text{ in} / 12 \text{ in} \times \frac{1}{2} (11'-0" + 31'-0") = 560 \text{ lb}$$

$$\text{Wdwt} = 5 \text{ psf} \times 16 \text{ in} / 12 \text{ in} = 6.67 \text{ plf}$$

$$f_b = 6.67 \text{ plf} \times (12'-0")^2 / 8 \times 12 \text{ in} / 4 \text{ in}^3 = 360.0 \text{ psi}$$

$$f_c = (504 \text{ lb} + 560 \text{ lb}) / 6 \text{ in}^2 = 177.3 \text{ psi}$$

$$F_b' = 1.33 \times 900 \text{ psi} \times 1.3 = 1560 \text{ psi}$$

$$F_c' = 1.25 \times 0.189 \times 1350 \text{ psi} \times 1.1 = 351.5 \text{ psi}$$

$$DCR = \left(\frac{177.3 \text{ psi} / 351.5 \text{ psi}}{1} + \frac{360.0 \text{ psi} / 1560 \text{ psi}}{1} \right)^2 = 0.70 < 1.0 \quad \text{OK}$$

$$\Delta = \frac{5 \times 6.67 \text{ plf} \times \frac{1}{2} \times (12'-0" \times 12')^4}{384 \times 1.6 \times 10^6 \text{ psi} \times 8 \text{ in}^4} = 0.274 \text{ in} \quad \text{OK}$$

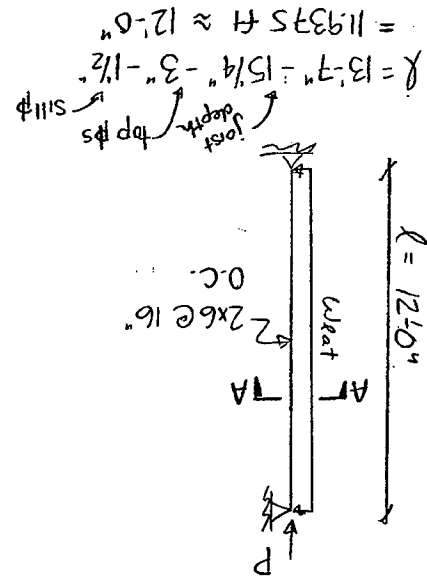
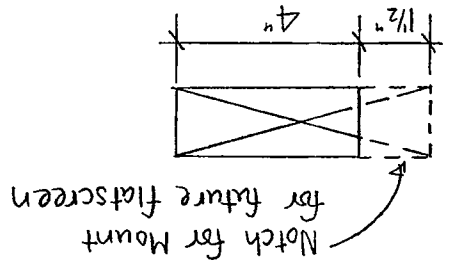
Assume D.F. No. 2

$$\left. \begin{aligned} F_b &= 900 \text{ psi} \\ F_v &= 85 \text{ psi} \\ F_c &= 1350 \text{ psi} \end{aligned} \right\}$$

$$A' = 1/2 \text{ in} \times 4 \text{ in} = 6 \text{ in}^2$$

$$I_x' = \frac{1}{2} \times 1/2 \text{ in} \times (4 \text{ in})^3 = 8 \text{ in}^4$$

$$S_x' = 1/2 \text{ in} \times (4 \text{ in})^2 / 6 = 4 \text{ in}^3$$



APPENDUM #1 DSA COMMENTS (cont.)

CHECK BENT # SPICE PER DETAIL "/s3.2

$$P_{max} = 150321b/1.4 = 10737 \text{ lb}$$

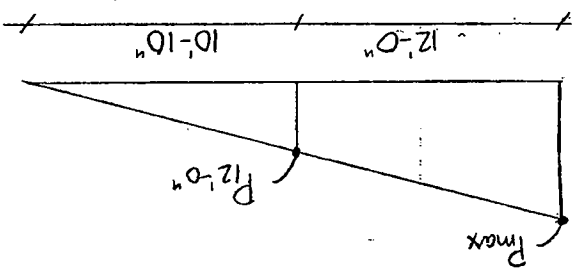
$$P_{11.6"} = 107371b/22.10" \times 10.10" = 5094.2 \text{ lb}$$

CHECK 1/2" LAG SCREW TO TRANSFER LOAD FROM ONE # TO ANOTHER #:

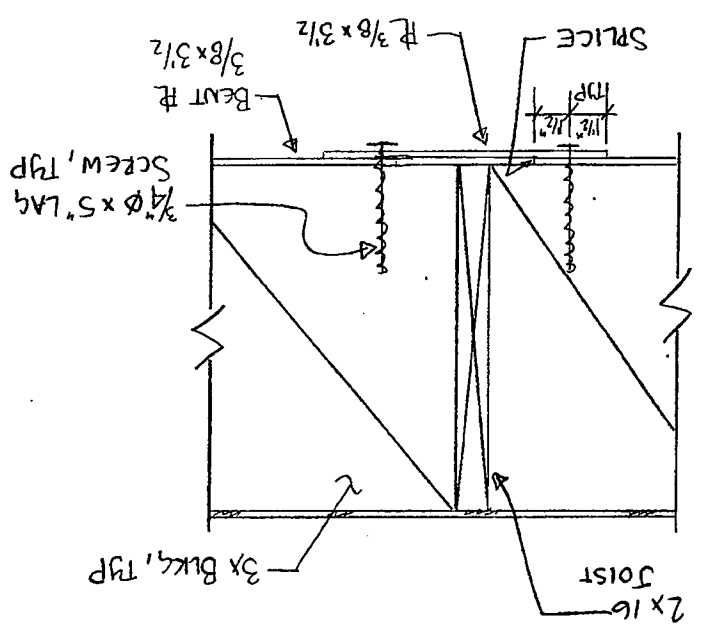
$$P_{11} = \frac{1}{2} \times 2.0 \times \frac{4}{\pi} \times (\pi \times 75 \text{ in})^2 \times 24 \text{ ksi} = 5301.4 \text{ lb}$$

Allowed to count threads for shear

$$DCR = 0.961 < 1.0 \quad \underline{\underline{OK}}$$



Splice is located 12'-0" from exterior wall minimum

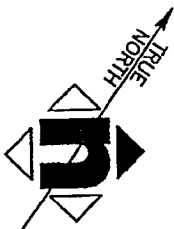


2x16 JOIST
 3x BAYS, TYP

FILE #: 1-C2
 DSA #: 01-109151

RADIATOR SCHEDULE											
SYMBOL	SERVICE	MANUFACTURER	TYPE	MODEL	SIZE (H x M x D)	ENTERING AIR TEMP. (°F)	HOT WATER RATING Btu/hr	ENTERING WATER TEMP. (°F)	LEAVING WATER TEMP. (°F)	CFM	NOTES
	BLDG. 300 FIRST FLOOR	TRANE	WALL MOUNTED SEMI-RECESSED	50	30" x 30" x 6"	65	5300	180	160	6	1(2) 3
	BLDG. 300 FIRST FLOOR	TRANE	WALL MOUNTED SEMI-RECESSED	50	30" x 30" x 6"	65	5100	180	160	5	1(2) 3
	BLDG. 300 SECOND FLOOR	TRANE	WALL MOUNTED SEMI-RECESSED	50	30" x 30" x 6"	65	5300	180	160	6	1(2) 3

- FINNED TUBE RADIATOR NOTES:
1. 18 GA TOP AND FRONT COVER PANELS.
 2. 14 GA WALL MOUNTING BRACKETS.
 3. WALL BRACKETING.



**CHABOT COLLEGE MODERNIZATION
 OF BUILDINGS 300, 500**
 25555 HESPERIAN BLVD., HAYWARD, CA. 94545
 CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT
 5020 FRANKLIN DRIVE, PLEASANTON, CA 94588

HMC
 1570 THE ALAMEDA, Suite 330
 SAN JOSE, CALIFORNIA 95128
 Telephone: (408) 977-4186 Fax: (408) 977-4170

ADDENDUM # 1
 Scale: NO SCALE
 Ref. sheet No. M0.5
 Project No. 3342002
 Date: 11.21.08
 Drawing No. AD1-M1



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AD1-M2
 Drawing No.

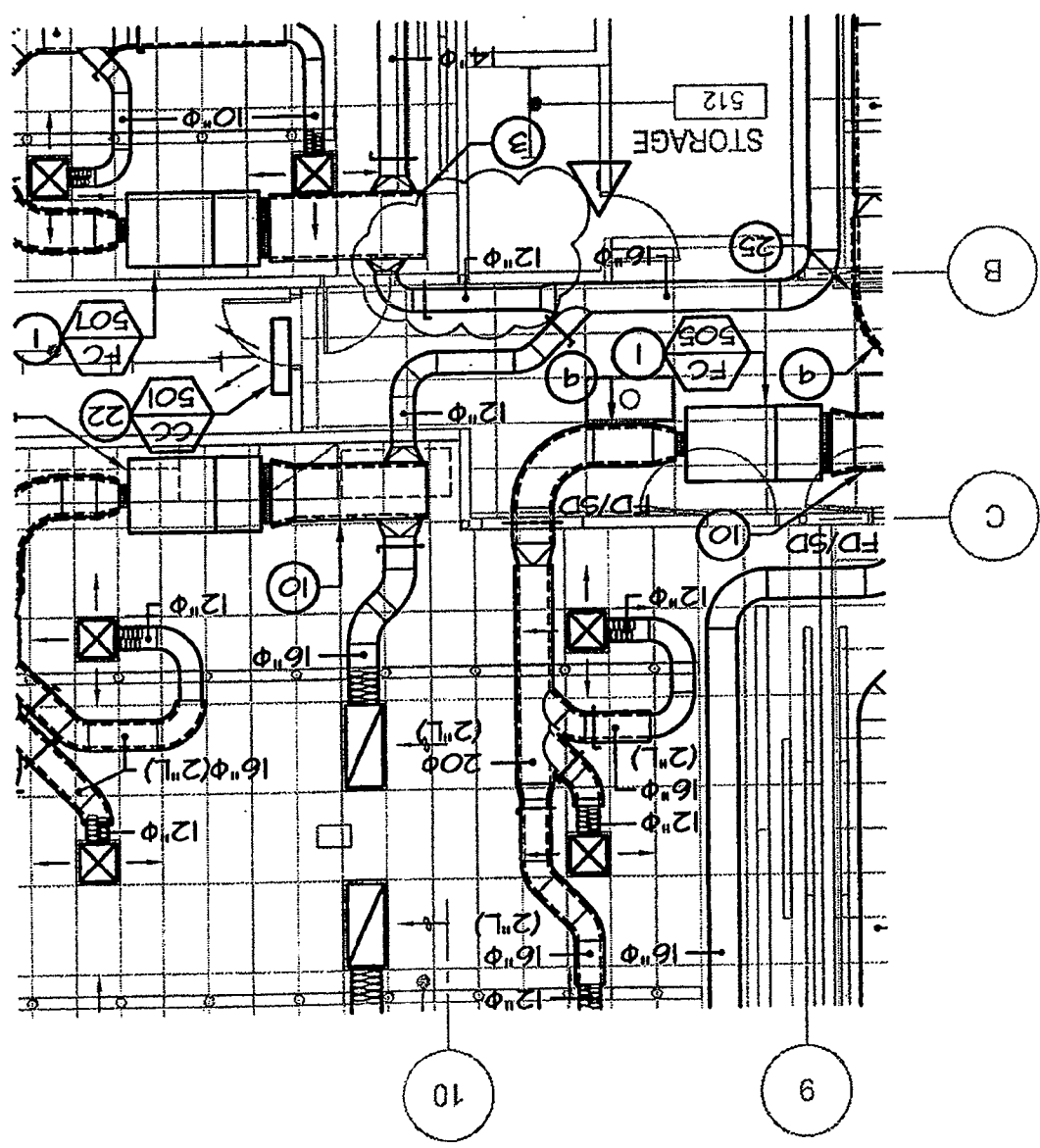
M2.4
 Ref. sheet No.

11.21.08
 Date

3342002
 Project No.

1/8"=1'-0"
 Scale

ADDDUM # 1



FILE #: 1-C2
 DSA #: 01-109151

