Chabot Las Positas Community College District

Invitation for Bid #11-04

New Science Building & General Alterations to Building 1800:

Increment Two

Las Positas Community College

Addendum #2

October 13, 2010

This Addendum modifies the original Bid Documents and previously issued addenda for the above Bid. Except as noted in this addendum, or prior addenda, all other provisions of the bid documents remain in effect.

Acknowledge receipt of this addendum in the space provided on the BID PROPOSAL FORM. Failure to do so may subject Bidder to disqualification.

Table of contents:

Architect's Stamp: The drawings, specifications and/or calculations in this addendum have been prepared by the architect and/or other design professionals who are licensed to prepare same in California. These documents have been reviewed by me and appear to be in conformance with applicable parts of Title 24, CCR and project specifications. They have been coordinated with the project plans and specifications and determined by me, the Architect in General Responsible Charge, to be acceptable for incorporation therein.

DRAWINGS

On All Drawings, Delta 6 Indicates Changes made as Part of Addendum 2

1	Sheet C2.01	Revise Note B: Original: New Science Building Pad to be lime treated during increment #1. Additional Lime treatment for proposed flatwork shall conform to Geotechnical Report Requirements. Change to: New Science Building Pad to be built using recycled crushed concrete aggregate base during increment #1. Additional Lime treatment for proposed flatwork shall conform to Geotechnical Report Requirements. General: Revise All references to the New Science Building Pad Increment 1 lime treatment are to be changed to "recycled crushed concrete aggregate base building pad."
2	Sheet C1.01	Delete Removal of Two redwood trees shown to be removed with Increment #2. Trees were removed during Increment #1. (No SK Issued) Delete Hatched Section indicating demo of paving adjacent to existing elevator tower. This work was performed in Increment 1. See SKC-1. Delete Demolition of temporary retaining wall. No temporary wall exists. See SKC-1. Add reference to Demo and Remove existing AC Pavement including base material within the automotive parking lot. Timing of removal is to be coordinated with district. See SKC-4.
3	Sheet C3.01	Add reference to SD MH that was installed during increment #1. See SKC-3.
4	SKA-1, SKA-2, SKA-3	Generator and Transformer Pad and Enclosure
5	Sheet A2.28	Add the following General Notes: 3. FIO – Furnished and Installed by Owner, FIC – Furnished and Installed by Contractor, FOIC – Furnished by Owner, Installed by Contractor. 4. Product references for new equipment are the basis of design. 5. Equipment shown on lab equipment plans as E-F is future equipment FIO. These equipment locations are shown for layout reference only. If utility hook-ups are required they are indicated on MEP drawings or specs.
6	Sheet A2.34	All curbs which are along exterior walls shall be 6 in high. All curbs which are along interior walls shall be 4 in high.

7	Sheet A2.35	All curbs which are along exterior walls shall be 6 in high. All curbs which are along interior walls shall be 4 in high.
8	Sheet A4.01	Revise Sheet Notes as follows: Sheet Note 3 – mirror shall be 18 x 36 inches. Sheet Notes 4, 5, 6, 7, 9, 10, 12, 13, 14 - where "Provided by District" revise to "Furnished and Installed by Contractor." Sheet Notes 15, 16, 17 – Delete reference to product model. See plumbing plans and specifications.
9	Sheet A7.13	Detail 5: At the head of the wall on the exterior face the waterproof membrane shall run behind the J mold along the exterior sheathing. Detail 7: High Temperature Underlayment shall be used under all metal parapet caps.
10	Sheet A8.02	Detail 7: The GSM flashing angle shall have a 2" leg for the peel and stick membrane to lap over. The lap of the building paper over the peel and stick membrane shall extend for 4 inches beyond the flashing angle. Detail 8: The GSM drip flashing shall have a vertical leg of 2" for the peel and stick membrane to lap over. The lap of the building paper over the peel and stick membrane shall extend for 4 inches beyond the flashing. The GSM Drip flashing shall have fully soldered ends.
11	Sheet A8.03	**DRAWING RE-ISSUED** Miscellaneous Revisions to Waterproofing.
12	Sheet A8.04	**DRAWING RE-ISSUED** Miscellaneous Revisions to Waterproofing.
13	Sheet A9.01	**DRAWING RE-ISSUED** Miscellaneous Revisions to Waterproofing.
14	Sheet A9.02	**DRAWING RE-ISSUED** Miscellaneous Revisions to Waterproofing.
15	Sheet A9.03	**DRAWING RE-ISSUED** Miscellaneous Revisions to Waterproofing.
16	Sheet A9.12	**All Details** The self adhered sheet membrane waterproofing shall be overlaid with an additional flashing membrane to protect it from contact with the single ply roofing membrane at all locations. The additional membrane shall be Sika Sarafil G459 or an equivalent.
17	Sheet A9.13	Detail 10: Flashing shall have a 2" end dam within the equipment's bottom frame.
18	Sheet S5.2	Detail 3: While 3/S5.2 originally defined the top and bottom bars in both directions

		as being the same via the "each way" label, the number of bars was defined explicitly instead of as a spacing. The transverse bars are now clearly labeled in the section and defined in their own column in the footing schedule. See SKS-001.
		Detail 10:
		The longitudinal bar call-out for GB-5 has been updated. See SKS-002.
19	Sheet E2.01	- Sheet note 26: The power for the junction boxes is connected to panel EL2-24.
		- Column Line H6: The junction box for the fire smoke damper is fed from circuit L1G-40.
		- Work Room 1806: The circuits for both of the quad receptacles are from L1D-28. The feeder tag is changed to LN201.
		- IT Room 1807A: All of the receptacles are fed from panel EL2. The circuits for the quads on the racks are 19, 21, and 23. The wall mounted receptacles are fed from circuit 17. They are homerun with the current feeder tag.
		- Balance Room 1808: The feeder for the quad receptacles along the wall, L1D-26 is LN201.
		- Revise sheet note 10: Provide new surface mounted raceway 4" above backsplash with number of receptacles as indicated. Provide two-section, aluminum for power and data. Wiremold AL5200 or approved equivalent
20	Sheet E2.02	- IT Room 1833: The circuits for the receptacles along the wall will be changed from "10" to "34" and "8" to 32. The homerun also changes o EL2-32,34.
		- Classroom 1826: The projector circuit shall be fed from circuit L2D-37.
		- Geology Lab 1828: The projector circuit shall be fed from circuit L2C-10.
		- E2.02-Revise sheet note 6: Provide a new countertop mounted quad receptacle and a new surface wall mounted quad receptacle mounted under the teacher's desk. See architectural millwork details.
21	Sheet E2.03	- EF-3 is fed from circuit EL2-(8, 10, 12).
22	Sheet E2.04	- Sheet note 13: Change "receptacle" to "junction box".
		- Sheet note 24: The power for the junction boxes is connected to panel EL1-14.
		- Column Line 2: The circuits for the exterior receptacles at this location has conduit in between the receptacles and is homerun with the feeder LN201, with the circuit number L1F-7.
		- Prep Space 00-106: Move Panel L1D and LGB-1 to opposite wall.
		- Column Line 10 & 6: The circuits for the exterior receptacles at this location has conduit in between the receptacles and is homerun with the feeder LN201, with the circuit number L1F-5.
		- Women 00-111: Junction boxes for fire smoke dampers are served from

		circuit EL1-17. Wall mounted junction boxes are for the faucets, and to be served from circuit L1F-61 with feeder LN201. The circuit also feeds the wall mounted junction boxes for 00-110. - Prep Space 00-106: Junction boxes for fire smoke dampers are served from circuit EL1-19. - Column line M/5: Electric water cooler to be fed from duplex receptacle fed from circuit L1F-59, with feeder LN201. - Revise sheet note 6: Floor junction box to be mounted 6" above finished floor. Locate junction box adjacent to access panel in casework. Provide flexible conduit wiring up to all receptacles. Routing shall not impede opening at access panel locations.
23	Sheet E2.05	- Exterior receptacles sharing the same circuit, L2E-3, is connected in between with conduit. Exterior receptacles sharing the same circuit, L2E-1, is connected in between with conduit. The homerun feeder is LN202. - Column Line M/5: Electric water cooler to be fed from duplex receptacle fed from circuit L2E-9, with feeder LN201. Panel is on roof, in mechanical area.
24	Sheet E2.06	- Classroom 00-201 and 00-202: Circuits are fed from panel L2B. The homerun for the wall mounted receptacles is feeder LN203. The homerun for the wall mounted receptacles is feeder LN202. - Classroom 00-203 and 00-204: Circuits are fed from panel L2A. The homerun for the wall mounted receptacles is feeder LN203. The homerun for the wall mounted receptacles is feeder LN202. - Exterior receptacles sharing the same circuit, L2E-3, is connected in between with conduit. Exterior receptacles sharing the same circuit, L2E-1, is connected in between with conduit. The homerun feeder is LN202. - AHU-1: Change feeder tag to "1003". - AHU-2: Change feeder tag to "603".
25	Sheet E3.03	- The under cabinet lights, type F4, along column line 5 are powered from circuit L1B-2, with feeder LN201. They are not connected to the overhead lights. - The under cabinet lights, type F4, along column line 6 are powered from circuit L1D-18, with feeder LN201. - Prep Space 0-106: The overhead lights are homerun to H1-11, with the feeder LN201. - Column line L/6: Homerun to the left of column line L is for the circuit H1-7,9,13 with feeder LN203.
26	Sheet E3.04	- Exterior lights on normal power are fed from H2-19 via LCP. The switchleg designation for all of the normal lights is "a". - Lights on emergency power are fed from EH2-14 via LCP. The switchleg designation for all of the normal lights is "b".

		- Remove override switches for switchleg c,d,e.
27	Sheet E3.05	- Classroom 00-201: Circuit for ceiling mounted junction box is EH2-29. - Classroom 00-202: Circuit for ceiling mounted junction box is EH2-31. - Classroom 00-203: Circuit for ceiling mounted junction box is EH2-33. - Closet 00-205, 00-206, 00-207, 00-208: Light fixture type is F9, circuit is H2-21. - Classroom 00-204: Circuit for ceiling mounted junction box is EH2-35.
28	Sheet E5.01	- Panel L2A, L2B, L2C, and L2D have a box indicating they are an alternate.
29	Sheet P2.04	- Revised note # 12 and 17 to change from DF to electric water cooler. Added note 40 to read "drop ½" CW to EWC"
30	Sheet P2.05	- Revised note # 10 and 12 to change from DF to electric water cooler.
31	Sheet P5.01	- Revised plumbing schedule to change Urinal model from American Standard Flow Wise to Waterless model 2103 Borrego to match District Standard. - Revised plumbing schedule Drinking fountain to Elkay Electric Water Cooler model LZSTL8WSLK.
32	Sheets TC2.01 and TC2.02	Add work scope note as follows to TC2.01 and TC2.02: "Division 27 contractor is responsible for the entire work scope as indicated on the project drawings and described in the specifications. This includes all saw cutting, conduits, floor boxes, patching, repairing, painting, etc. including but not limited to floor tile restoration, wall board and surface restoration, ceiling repair, restoration and modifications, to include a complete and comprehensive installation. All work by Division 27 contractor shall be fully coordinated with the General Contractor and all other trades, and shall be performed in a manner as not to inhibit work, timelines, schedules, etc. of other trades and or building systems from other Divisions of work".
33	Sheet TY1.01	Deleted security phone and conduit. See SKTY-001
34	Sheet TC5.04	Revised fiber and copper site/riser diagram. See SKTC-001
35	Sheet TC1.01	Added conduit between buildings. See SKTC-002
36	Sheet TC2.07	Revised media requirements for instructor's station and projector location. See SKTC-003
37	Sheet TC2.02	Revised media requirements for instructor's station and projector location. See SKTC-005
38	Sheet TC2.01	Revised conduit, cabling and terminal devices at north wall. See SKTC-006
39	Sheet TC2.04	Revised AV/data connectivity to Projector. See SKTC-007
40	Sheet TC1.01	Deleted security phone and conduit. See SKTC-008
41	Sheet TV2.01	Revised media requirements for instructor's station and projector location. See SKTV-001

42	Sheet TV2.02	Revised media requirements for instructor's station and projector location. See SKTV-002
43	Sheet TV2.01	Revised media requirements for instructor's station and projector location. See SKTV-003
44	Sheet TV2.07	Revised media requirements for instructor's station and projector location. See SKTV-004
45	Sheet TV7.01	Revised Matrix Switcher & AV Diagram. See SKTV-005
46	Sheet TV7.01	Revised Typical rack Mounting/Teaching Station Input Panel Diagram. See SKTV-006

SPECIFICATIONS

1	Bidding Documents	Notice Calling for Bids: Replace Paragraph 13 with the following: **13. Award of Contract.** The Contract for the Work, if awarded, will be by action of the District's Board of Trustees to the responsible and responsive Bidder submitting the lowest priced Bid Proposal. If Alternate Bid Items are included in the bidding, the lowest total priced Bid Proposal will be determined on the basis of the Base Bid Proposal and the combination of all Alternate Bid Items in accordance with the applicable provisions of the Instructions for Bidders. **The New Science Building and General Alternations to Building 1800- Increment 2 Project is a technically demanding category of construction being constructed on an operating campus within in a critical timeframe. Be advised that bidder's experience and qualifications will be closely scrutinized to determine if the bidder is responsive as described in Section 12 of the Instructions to Bidders.**
2	Bidding Documents	Instruction to Bidders, Section 12, Award of Contract: Append to the end of the Section, Item f): f) The New Science Building and General Alternations to Building 1800-Increment 2 is a technically demanding category of construction being constructed on an operating campus within in a critical timeframe. Bidder's experience and qualifications will be closely scrutinized to determine if the bidder is responsive as described in this Section 12.
3	22 0450	Section 2.1 A- revised manufacturer names to delete STATE and Raypak from list and add RUDD and Rheem to the list per District Standard.
4	22 1223	Section 3.1 N – Added paragraph to read "provide isolation valves on water lines serving toilet rooms"
5	22 4000	Revise section 2.2 C.1 to Add Waterless urinal in list. To match District Standard. Revise section 2.2 E to change faucet model to Speakman sensoredflo 3S-

		9010 to match District Standard.
6	26 0533	Delete item 2.3H-Metal-clad cable
7	26 2726	Add to item 2.1A: Hubbell (typical wiring device series numbers noted) Revise item 2.5A: Provide satin (brushed) 304 stainless steel wallplates Revise item 2.5E: delete "as indicated in 16010" Revise items 2.6A-C: delete "and plates"
8	27 0500	Section 1.2, add sub item B.14 to read as follows...14. Section 27 15 00 – Communications Horizontal Cabling
9	27 0526	Section 1.2, add sub item B.1, item "l" to read as follows...l. Section 27 15 00 – Communications Horizontal Cabling
10	27 0529	Section 1.2, add sub item B.11 to read as follows...11. Section 27 15 00 – Communications Horizontal Cabling
11	27 0533	2.4 A2 , sub item "h" to read as follows ..."Minimum box size shall be at least 4 11/16" deep boxes." Section 1.2, add sub item D to read as follows...Minimum conduit size for telecommunications installation shall be 1¼"
12	27 0536	1.3, add sub item "l" to read as follows...l. Section 27 15 00 – Communications Horizontal Cabling
13	27 1000	Section 1.2, add sub item A.8 to read as follows...8. Section 27 15 00 – Communications Horizontal Cabling
14	27 1113	Entire specification "remove all references to 110 systems, blocks, termination for entrance protection" LPCC terminated direct to stub from protector, and from protector to multi pair power sum cabling to patch panel. Change item 2.1 A to read as follows...A. Category 3 Protector Fields and Modules, Stub to Stub. Change item 2.1 subpart 4 and 5 to read as follows: 4. Manufacturer, Protector Field: a. Porta Systems 26100-ST-MST. District Standard. 5. Manufacturer, Protector Module: b. Porta Systems: 1) Gas Tube 195BCXN-400 2) Solid State 115SCN-300
15	27 1116	Section 1.2, add sub item "G" to read as follows...G. Section 27 15 00 – Communications Horizontal Cabling Change 2.2 B 2 "c" to read as follows..."Chatsworth Products Evolution VWM Seismic Cable Management Rack with CPI Double-Sided Vertical Cable Manager MCS-EFX 40092-703 IN ADDENDUM 1, LINE 20, THIS WAS ERRONEOUSLY CALLED 27 1115. THERE IS NO SPECIFICATION 27 1115.
16	27 1119	Section 2.1 A to read as follows...Data and Voice Horizontal Cabling Patch Panels, Rack Mounted , Category 6A 2.1 A.2.a revise to read as follows...Systimax 360 Patchmax GS5 Gigaspeed X10D Patch Panel. (District Standard). Add new subsections 2.1 B, C and D to read as follows: B. Voice Feeder Patch Panels (protectors to rack frame)

1. Functions/Features:
    a. 19" EIA rack mountable.
    b. At least 48 ports per 3 EIA rack units (3 x 1.75")
    c. District standard jacks on steel plate
        1) arranged in rows
        2) jacks on front
        3) terminations on rear
    d. Port identifier label space on front.
    e. Integral cable management bar at rear and rings at front.
    f. Patch panels are angled to allow cable routing directly to vertical cable managers
    g. the variability in cable terminations
2. Manufacturer
    a. Systimax Power Sum Patch Panel. (District Standard)

C. Data Patch Cables
1. Provide the following patch cables and assemblies:
    a. Station Patch Cords – Two Hundred Fifty (250) 7' patch cords (color: blue, category 6A).
    b. Data Patch Cords – Two Hundred Fifty (250) 10' patch cords (color: blue, category 6A).
2. Manufacturers:
    a. Systimax GigaSPEED X10D GS8E (for Cat 6A, District Standard, No Substitution Allowed).

D. Voice Patch Cables
1. Provide the following patch cables and assemblies:
    a. Voice Patch Cords – Two Hundred Fifty (250) 7' patch cords (color: white, category 6A).
2. Manufacturers:
    a. Systimax GigaSPEED X10D GS8E (for Cat 6A, District Standard, No Substitution Allowed).

Delete section 2.2 B 2 a
Replace with:
a) Systimax 1000 G2 installed in Building 1900A. (District Standard)
b) Systimax 600 G2 installed in Building New Science Bldg. (District Standard)

Add new Section 2.2 C. to read as follows
C. Patch Cords
1. Fiber Patch Cords – Twelve (12) 10' Duplex Single Mode
a. Systimax TeraSpeed Singlemode Duplex SC Fiber Patch Cords (District Standard, No Substitution Allowed).

17 27 1123

Entire specification, remove all references to woven mesh innerduct and associated installation requirements.
Section 1.2, add sub item 10 to read as follows...10. Section 27 15 00 – Communications Horizontal Cabling

18 27 1126

Replace Section 2.1, subpart B to read as follows:

B. Rack Mount PDU Receptacle Strip, Single Phase Circuit, 20A

1. Features/Construction:

a. Maximum Height: 1.75"

b. UL Listed

c. Provide mounting hardware as necessary to attach to frame rails

2. Performance

a. Output

1) Nominal Output Voltage: 120V

2) Max. Total Current Draw per Phase: 15A

3) Output Connections: (10) NEMA 5-15R

b. Input

1) Nominal Input Voltage: 120V

2) Input Frequency: 50 -60 Hz

3) Regulatory Derated Input Current: 16A

4) Input Connections: NEMA 5-15P

5) Max. Input Current per Phase: 20A

6) Load Capacity: 1800 VA

3. Manufacturers

a. APC AP9562

b. Geist

c. or equal

19 27 1300

Entire Specification, remove all references to CM, CMR type cabling. LPCC uses only CMP or Plenum type cabling

Entire Specification, remove all references to "110" type termination system, and associated work related to 110 punch block type systems LPCC does not use 110 patching fields.
Revise 2.1A, subpart 6:
Provide communications plenum (CMP) rated cabling in accordance with NFPA 70

Revise 2.1C, subpart 1.d to read..."NEC Type CMP

Change item 3.1 A subpart 1 and 2 to read as follows:
1. At IDF's and BDF's, at both ends of cables, provide at least 30 feet of fiber in excess of that required to reach the patch panel. Provide fiber storage rings as specified on section 27 11 23. Form into a storage loop and fix in place as directed by the Owner's Representative.
2. At the Telecomm Building, provide at least 30 feet of fiber in excess of that required to reach the patch panel by a dressed route. Form into a storage loop and fix in place in the cable vault (outside) as directed by the Owner's Representative.

Change item 3.2 C.2, subpart a.1) to read as follows:
2. Termination of Voice or Shared Use Tie Cable:
a. shall be terminated on a 710 Type Straight or Half Tap system using

710 series connecting blocks in the following order.

1) Terminate pairs and groups in order of binder color as listed below.

2) Deleted

Revise item 3.4, C.1 to read as follows:

1. Transition in a splice case to non-flooded cable prior to termination on protector blocks for voice pairs, or on an unprotected patch panels for systems pairs, where such are indicated. Where systems pairs are not indicated, assume all pairs are for voice use.

20 27 1400

Change item 2.2A , subpart 3 a and b to read as follows:

a. General Cable ANMW
b. Superior/Essex ANMW

Change item 3.4, B to read as follows:

B. At IDF's and BDF's, at both ends of cables, provide at least 30 feet of cable in excess of that required to reach the protectors or terminal block by a dressed route. Form into a storage loop, typically around the perimeter of the backboard and fix in place as directed by the Owner's Representative.

Add item 3.5 WARRANTY and subpart A as follows:

A. shall certify that each channel comprised exclusively of the manufactures zero water peak rated Single Mode Fiber passive products end- to-end is capable of delivering 40Gb/s using 1310nm transceivers for serial transmission in accordance with application standards.

21 27 1500

Section 2.4, subpart C 2 and 3 to read as follows:

2. Voice outlets shall be MGS600, white in color
3.Data outlets shall be MGS600, blue in color

Replace Section 3.8 WARRANTY as follows:

3.8 Warranty

A. Manufacturer and installer shall warrant the cabling system as follows in addition to above requirements:

1. Each channel is comprised of the manufacturers augmented Category 6A, Class EA passive products, end-to-end, and is capable of delivering 10Gbs to the workstation in accordance with applicable standards for CAT-6A and 10g transmission.
2.The contractor/installer shall provide the SYSTIMAX SCS 20-year Extended Product Warranty and Applications Assurance to registered SYSTIMAX installations. This installation shall be registered with SYSTIMAX CommScope to extend its SYSTIMAX 20-year Application Assurance coverage to the registered installation and shall include all applications available, not withstanding any applications introduced in the future by recognized Standards or user forums that utilize the relevant channel specifications in ANSI/TIA/EIA-568-B, CENELEC EN 50173- 1:2002, or ISO/IEC IS11801:2002 including but not limited to:

a. SYSTIMAX Solutions warrants that each SYSTIMAX channel comprised exclusively of SYSTIMAX GigaSPEED X10D passive products end-to-end, is capable of delivering 10Gb/s to the workstation in accordance with application standards.

BIDDER QUESTIONS

1 Bid Question 4

Question: (Spec Reference 26-3213-G 2.10 b2)
Loadbank Control (Remotes)
Is the remote mounted Nema 12 Control to be Mounted Inside the Generator Housing or shipped loose to be placed in another Location?
Answer:
This is the Contractor's option: Loadbank controls may be mounted in the generator enclosure or outside adjacent to the generator. Provide enclosure rating as needed for each location.
Respondent: Larry Tonogan, GandB

2 Bid Question 5

Question 1: (Sheet Reference GH-0)
In Addendum 1 you provided drawings and a quote for alternate #1 Greenhouse. I spoke with Bob Scavetta today and the price listed on the drawings is not current. Was this price provided for everyone to use as a quote?
In reading addendum #1 or the original specifications it is not clear about the quote. Please clarify.
Question 2: (Sheet Reference GH-0)
Are you planning on issuing a spec for the greenhouse?
Answer 1:
Price Quote was issued for reference only to give bidders an idea of scope for the greenhouse. The scope list is not comprehensive and bidders should provide those additional scope items defined in the drawings.
Answer 2:
No Specs will be issued.
Respondent: Jeff Stahl, KH

3 Bid Question 6

Question: (Sheet Reference C1.01)
Sheet C1.01 asks that we "Refer to Increment One Contract Documents for Existing Conditions", Increment One drawings were not included with this plan set, please include Increment One Contract Documents in an addendum.
Answer:
Yes, plans are available at Las Positas College Plan Room located at 3000 Campus Hill Dr, Livermore CA. Contact Tony Valdez 209-564-1332 to schedule viewing of plans.
Respondent: Tony Valdez, PB

4 Bid Question 7

Question: (Page Reference Addendum 1 Page 4)
Addendum 1 indicates specification comment 20 indicates we're to make changes to specification section 27 1115 (see attached), however specification section 27 1115 was not issued with our contract documents, was it the intention to list specification section 27 1116, or does a specification section 27 1115 need to be issued in an addendum?
Answer:
Correct Specification reference is 27 1116. There is no specification 27 1115. See specification revisions in this addendum.
Respondent: John Moore, GandB

5 Bid Question 9

Question: (Sheet Reference L5.00)
The southeast corner shows 29 plants noted by '24'. Please provide information for this plant.

Answer:
Plant is: 'RIB SAN' Ribies Sanguineum. See Plant Legend
Respondent: Kerri Liljegren, RHAA

6 Bid Question 10

Question: (Sheet Reference A1.01)
The site plan show an 8' high chain link fence with vinyl slats noted by a dotted line. It appears that the fence also is to be on the north side noted by a solid line. Is this correct? Are there any gates? Please clarify.
Answer:
This is clarified in this addendum. See SKAs 1-3.
Respondent: Jeff Stahl, KH.

7 Bid Question 11

Question: (Spec Reference 230593)
Does an American National Standards Institute (ANSI) accredited Testing Adjusting and Balancing Bureau (TABB) certified firm, following SMACNA endorsed procedures and using TABB certified technicians to complete the work, qualify as the TAB Contractor for this project?
Answer:
Specifications state minimum requirements for testing and balancing contractor's certification. Qualified contractors must meet these requirements. ANSI certification in lieu of specified requirements should be addressed as a substitution request.
Respondent: Larry Tonogan, GandB

8 Bid Question 13

Question: (Sheet Reference AD2.01)
Sheet note 12 states "Remove and save (E) for owner". What are we removing and saving?
Answer:
This note refers to a large refrigerator.
Respondent: Dan Moberly, KH

9 Bid Question 14

Question: (Sheet Reference E2.04, E5.01, E6.04)
On the single line diagram (E5.01) it shows panel L1E. The panel schedule (E6.04) says it is located in the Biology/Anatomy Lab but with no room number. I can not find that room on the floor plans but did find Biology Lab/Anatomy on E2.04 but the panel located there is L1C. Pleaes clarify the location of panel L1E as well as its associated circuits.
Answer:
Panel L1E is for the new building: Due to changes in receptacles in labs, panel was deleted. Will be noted as such in addendum #2
Respondent: Larry Tonogan, GandB

10 Bid Question 15

Question: (Spec Reference 03 3570)
Section 033570/Water Vapor Emission Control System, 3.4. Installation A., 1., calls out to "Apply sealant based on water vapor emission and alkalinity test results...". Obviously the test results for the concrete slab will not be known until after the slab is poured. Please clarify if we are to assume that the vapor emission system will be required at all flooring areas for bidding purposes. The other option we have seen is for all General Contractor's to carry an allowance (amount determined by Architect and Owner) for the vapor emission system that all GC's carry for the bid.
If we are to assume that the vapor emission system is required for the project,

please clarify if this pertains to any floors above the ground floor, such as concrete over metal deck that will be receiving floor coverings.
Answer:
Vapor emission is to be included in the bid for slab on grade for the new building and room 1807 in building 1800.
Respondent: Tony Valdez, PB

11 Bid Question 16

Question: (Sheet Reference L3.00)
On the lower left corner of sheet L3.00 the Contract Documents reference Sheet L3.01 detail five (see attached exhibit 1) for the retaining wall at this location, however sheet L3.01 detail five is a detail for concrete paving at Existing Concrete Paving (see attached exhibit 2). Please provide a detail for the retaining wall at the location noted in exhibit 1.
Answer:
This is a typo. Callout refers to Detail 6/L3.01
Respondent: Kerri Liljegren, RHAA

12 Bid Question 17

Question: (Sheet Reference E1.01 and E5.01)
On E1.01 it calls for 3-4" conduits with 4#600MCM and 3#3/0G for the secondary feeders from PM-T1 to the MSB. On sheet E5.01 the feeder schedule 8004 calls for 2-4" conduits with 4#500MCM and 1#1/0G. Please clarify.
Answer:
On E1.01 change feeder to "8004". On E5.01 change 3phase, 4wire feeder schedule for 8004 from (2) sets 4"C, 4#500kcmil, 1#1/0(G) to (3)sets 4"C, 4#350kcmil, 1#1/0(G) in each.
Respondent: Larry Tonogan, GandB

13 Bid Question 18

Question 1: (Sheet Reference C1.01)
C1.01 refers to "Increment 1 Plans." Please make increment 1 availible for review.
Answer:
Yes, plans are available at Las Positas College Plan Room located at 3000 Campus Hill Dr, Livermore, CA. Contact Tony Valdez at 209 564 1332 to schedule viewing of the plans.
Respondent: Tony Valdez, PB

14 Bid Question 19

Question 1:
In the footing schedule there are no dimensions for F1 F2 F3 F9 – what are the sizes?
Question 2:
Bid Form – Owner Specified Allowance
Spec Book – Contingency Allowance – Are there 1 in the same or what is the amount for contingency allowance?
Answer 1:
Footings F1, F2, F3 and F9 are dimensioned on a separate footing schedule on S5.02.
Respondent: Carlos Sempere, FE
Answer 2:
These two terms refer to the same thing.
Respondent: Jeff Stahl, KH

15 Bid Question 20

Question: (Sheet Reference A2.28, Spec Reference 11 5302 Laboratory Fume Hoods)
Please provide the following clarification(s):

Lab Equipment Schedule on sheet A2.28 notes Fume Hoods E-1 to E-5 are Labconco fume hoods. Please confirm fume hood to be provided by one of the acceptable manufacturers (ALC, Bedco Labs, Thermo Fisher Scientific) as specified in Section 11 5302, as Labconco is not listed.

Answer:

By this addendum specification section 11 5302 is revised to include Labconco. All manufacturers listed there are acceptable.

Respondent: Glen Berry, DFS

16 Bid Question 21

Question: (Sheet Reference A2.28 Spec Reference 11 5302 Laboratory Fume Hoods)

Please provide the following clarification(s):

Fume Hood schedule on Section 11 5302 showed fume hood dimensions that are in conflict with dimensions

shown on Lab Equipment Schedule on sheet A2.28. Please verify correct fume hood dimensions.

Answer:

The column furthest to the left shows fume hood designations shown in the specs. The E-# designation is keyed to a FH-# by the schedule.

Respondent: Dan Moberly, KH

17 Bid Question 22

Question: (Sheet Reference A2.01, A2.21 Spec Reference 11 5304 Laboratory Equipment)

Please provide the following clarification(s):

Floor plan sheet A2.01 showed Room 1810 with Keynote 19 (N Movable Teaching Bench), while on Lab Equipment Plan sheet A2.21, no equipment number was specified. Please confirm if Keynote 19 at Room 1810 to be the same as Room 1814 which also showed Keynote 19 on sheet A2.01 and is E-F (or Equipment – Future) on sheet A2.21.

Answer:

In rooms 1810 and 1814 sheet note 19 from sheet A2.01 is correct, a moveable table will be placed here. The moveable table is an FIO item and the contractor is therefore not responsible for its furnishing or installation.

Respondent: Dan Moberly, KH

:

18 Bid Question 23

Question: (Spec Reference 01 1150 Electronic Drawings)

Please provide the following clarification(s):

Per spec section there will be a required signed agreement and charges for copies of Architectural drawings required that in the amount of $250.00 for the first 5 sheets and $150.00 per 5 sheets thereafter. Please confirm if there will be a charge as well for CADD floor plans of rooms.

Answer:

Print sets of bid documents will be provided to the contractor per the special conditions. Release of CADD files to the contractor has an associated cost, noted correctly in your question.

Respondent: Jeff Stahl, KH

19 Bid Question 24

Question: (Spec Reference 11 5301 Laboratory Casework)

Please provide the following clarification(s):

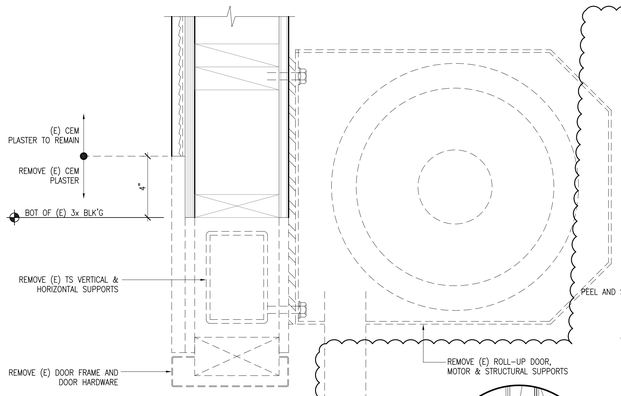
Section 11 5301 does not mention the grades of veneer (for example Type AA for exposed, Type A for semiexposed,

etc.). Please specify.
Answer:
Veneer shall be Grade A for all exposed, exterior casework surfaces.
Veneer shall be Grade B for all interior casework surfaces (inside cabinets with doors).
Respondent: Glen Berry, DFS

20 Bid Question 25

Question: (Spec Reference 11 5301 Laboratory Casework)
Please provide the following clarification(s):
Section 11 5301 Item 2.2.F specified combination core plywood/MDF core for door and drawer fronts. Combination core plywood/MDF is not recommended for door and drawer fronts due to possible inconsistent thickness and voids in the plywood. It may also cause warpage. We recommend particle board core.
Answer:
Lab Consultant has advised that combo core is acceptable and preferred for door and drawer fronts.
Respondent: Glen Berry, DFS

END OF ADDENDUM



20 A8.03 Roll-Up Door Demolition Work

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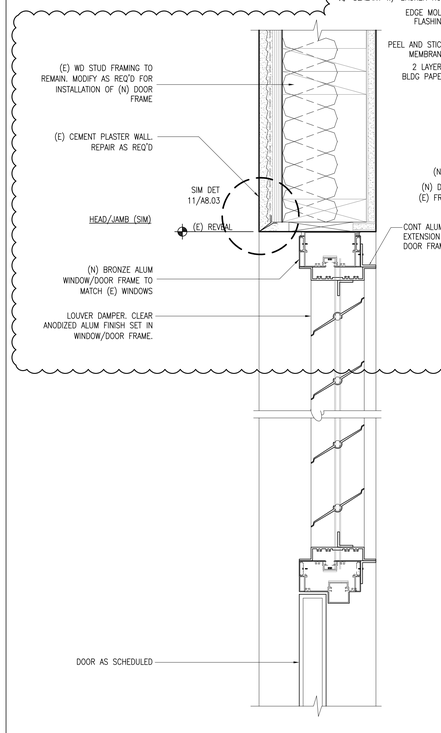
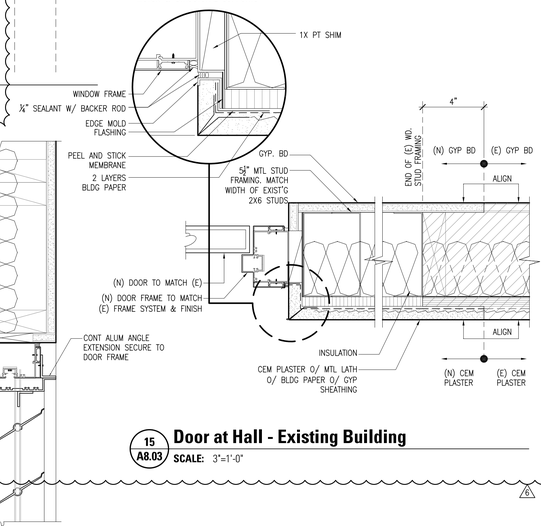


18 A8.03 Louver Damper - Existing Building

SCALE: 3" = 1'-0"

17 A8.03 Carpet Transition Detail

SCALE: 6" = 1'-0"

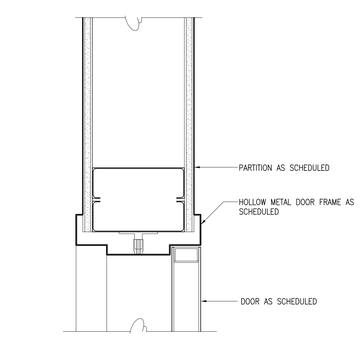


15 A8.03 Door at Hall - Existing Building

SCALE: 3"=1'-0"

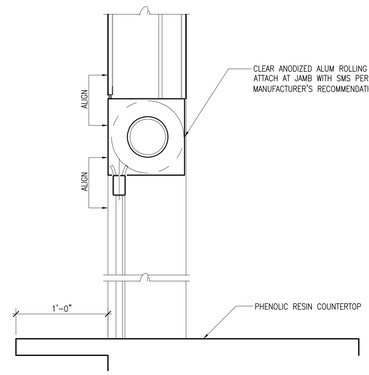
11 A8.03 Exterior Storefront Section (Exist'g Bldg)

SCALE: 3" = 1'-0"



8 A8.03 Door Head/Jamb Detail - Interior

SCALE: 3" = 1'-0"



7 A8.03 Roll-Up Door Head/Sill @ Enology Prep

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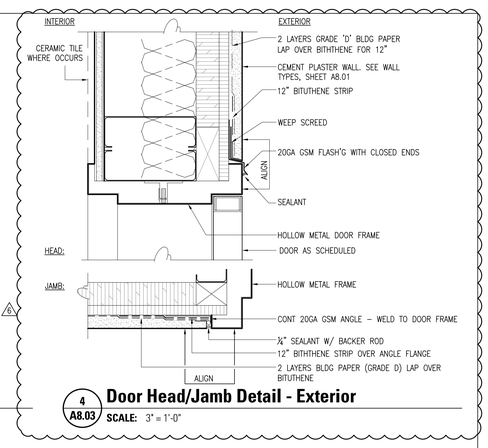
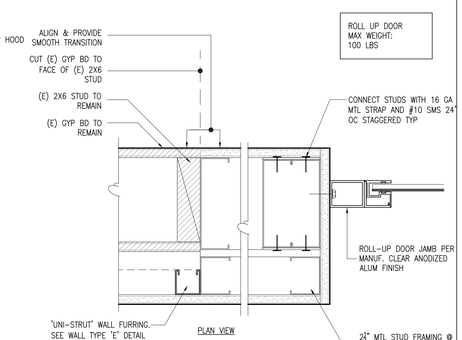


4 A8.03 Door Head/Jamb Detail - Exterior

SCALE: 3" = 1'-0"

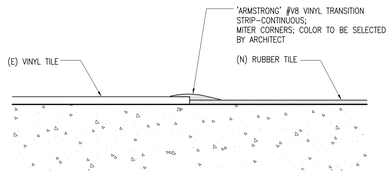


3 A8.03 Roll-Up Door - Jamb

SCALE: 3"=1'-0"

18 A8.03 Louver Damper - Existing Building

SCALE: 3" = 1'-0"



14 A8.03 Vinyl Transition Stip

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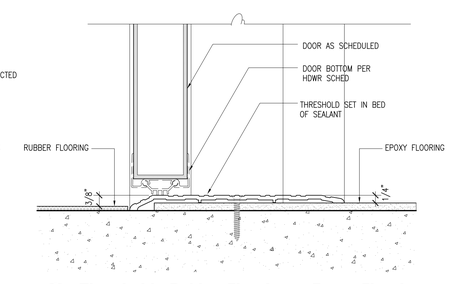

10 A8.03 Threshold - Rubber Flooring to Epoxy Flooring

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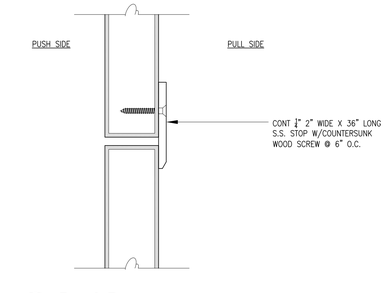
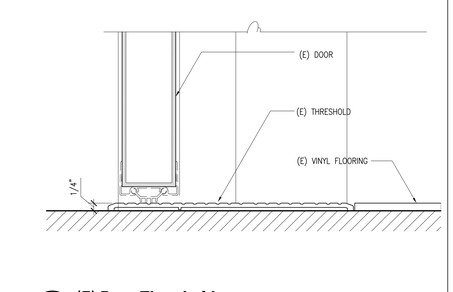


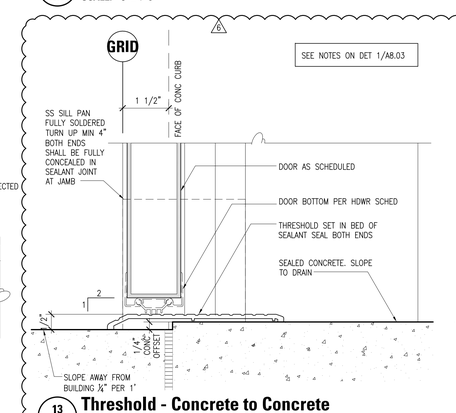
6 A8.03 Dutch Door

SCALE: 6" = 1'-0"



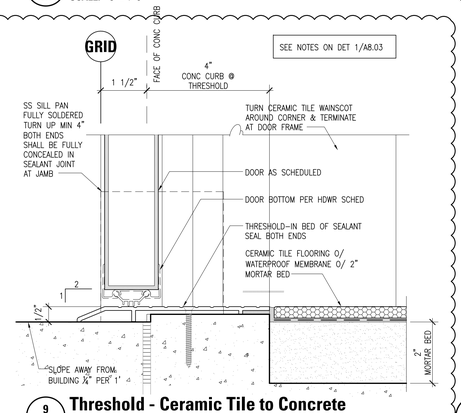
2 A8.03 (E) Door Threshold

SCALE: 6" = 1'-0"



13 A8.03 Threshold - Concrete to Concrete

SCALE: 6" = 1'-0"



9 A8.03 Threshold - Ceramic Tile to Concrete

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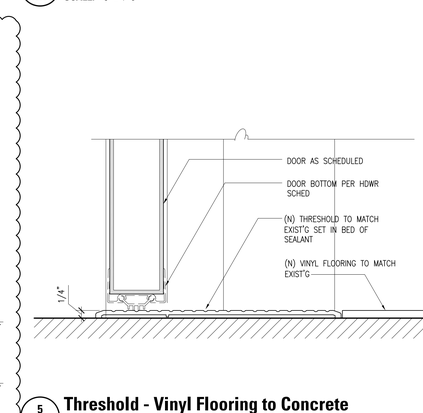
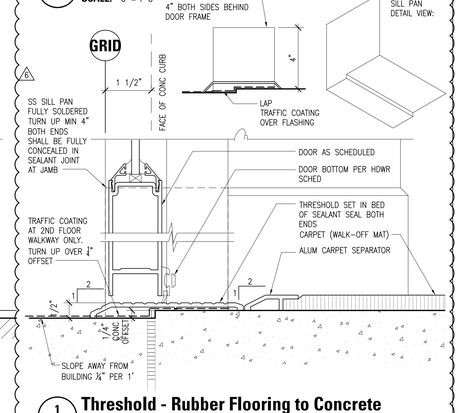


5 A8.03 Threshold - Vinyl Flooring to Concrete

SCALE: 6" = 1'-0"



1 A8.03 Threshold - Rubber Flooring to Concrete

SCALE: 6" = 1'-0"

KwanHenmi
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kerri@rhaa.com

LICENSED ARCHITECT DENIS A. HENMI C 11009 REN. 10-31-11 STATE OF CALIFORNIA

Las Positas College

New Science Building and General Alterations to Building 1800

Livermore, CA DSA 01-111060

NOTE: If this drawing is not 42"x30" it has been revised from its original size. Scale noted on drawing/details are no longer applicable.

Rev.	Date	Remarks
6	OCT 8 2010	ADDENDUM 2–INCREMENT 2

DSA BACKCHECK-Increment 2

Date: **08/23/10**

Scale:

KH Project Name: **LPC - Science Phase 2 Livermore, CA**

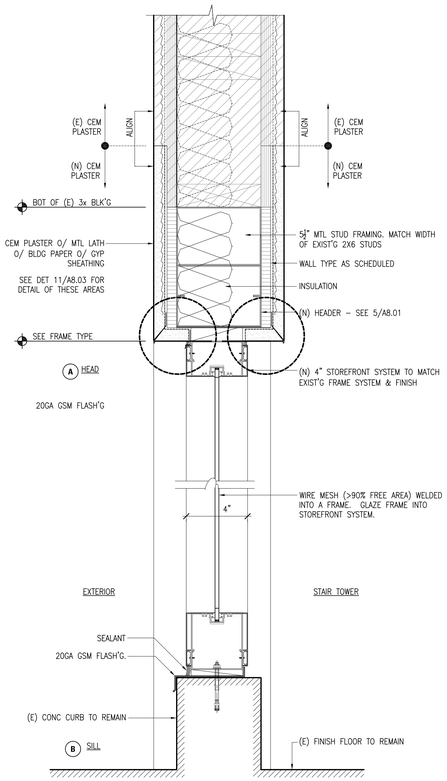
KH Project No. **0903.00**

Drawing Title:

Window & Door Details

Sheet No.

A8.03



15 / A8.04 Exterior Storefront Section (Exist'g Bldg)
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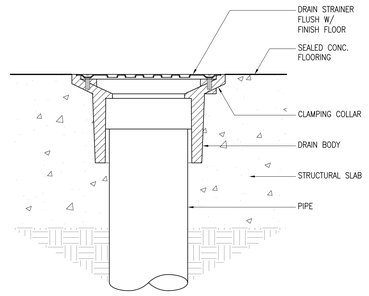

11 / A8.04 Floor Drain - Concrete Flooring
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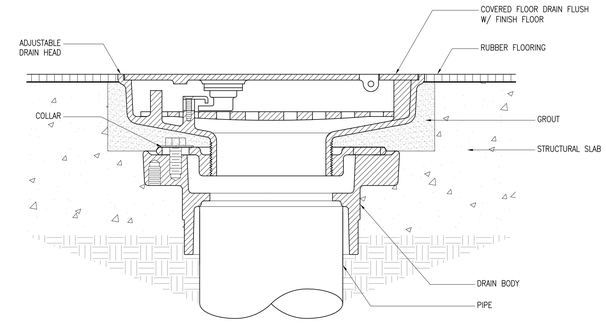

8 / A8.04 Floor Drain - Rubber Flooring @ Safety Showers
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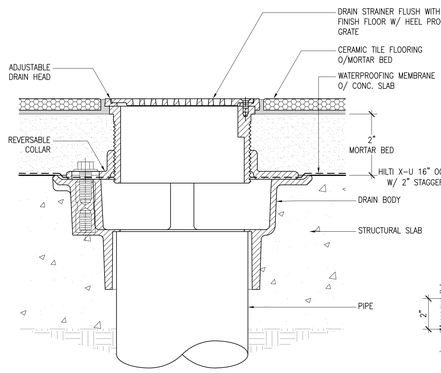

7 / A8.04 Floor Drain - Ceramic Tile
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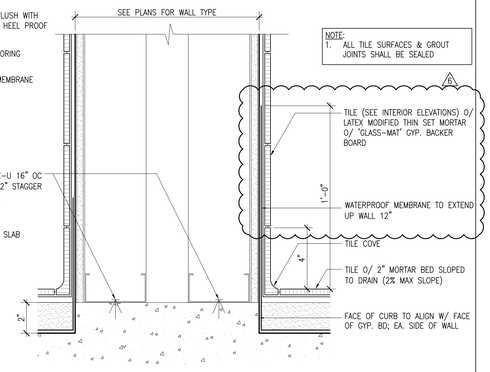

3 / A8.04 Tile Detail @ Restrooms
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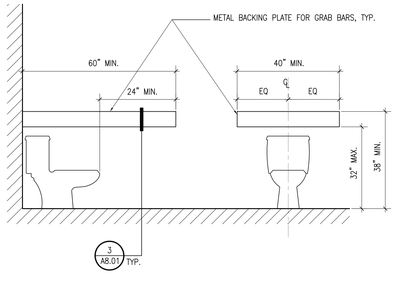
CONFORM TO TCA DS002



10 / A8.04 Backing Plate @ Water Closet
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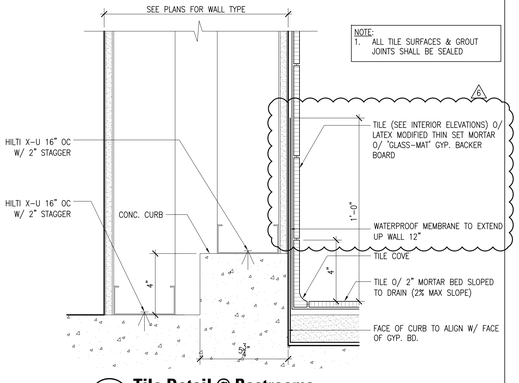

2 / A8.04 Tile Detail @ Restrooms
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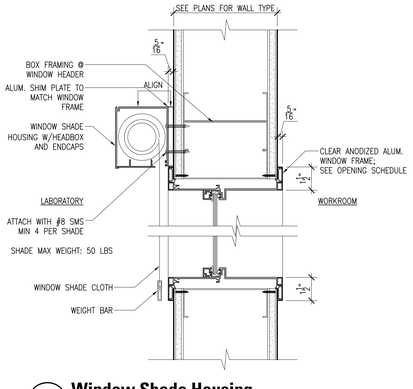
CONFORM TO TCA DS002



13 / A8.04 Window Shade Housing
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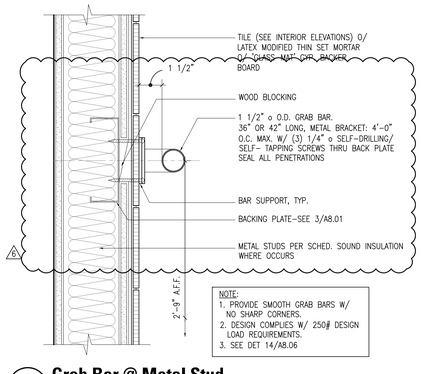

9 / A8.04 Grab Bar @ Metal Stud
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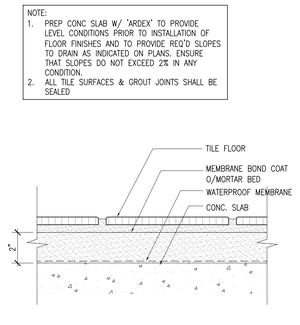

5 / A8.04 Tile Flooring Typical
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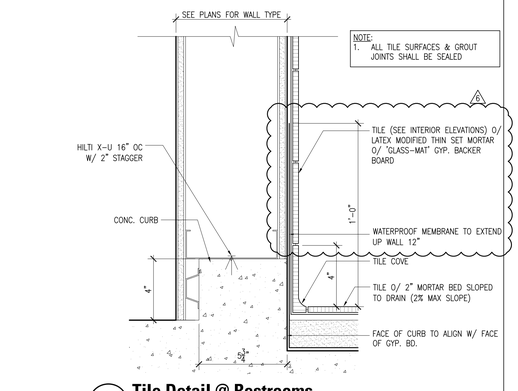

1 / A8.04 Tile Detail @ Restrooms
SCALE: 3"=1'-0"
CONFORM TO TCA DS002

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MEP Engineer	**Guttmann & Blaevoet** 2351 Powell Street San Francisco, CA 94133 T: (415) 655-4022 F: (415) 655.4001 Contact: Gurdaver Singh gsingh@gb-eng.com
Landscape Architects	**Royston Hanamoto Alley & Abey** 225 Miller Avenue Mill Valley, CA 94941 T: (415) 383-7900 F: (415) 383-1433 Contact: Kerri Liljegren kerri@rhaa.com

LICENSED ARCHITECT DENIS A. HENMI C 11009 REN. 10-31-11 STATE OF CALIFORNIA

Las Positas College

New Science Building and General Alterations to Building 1800

Livermore, CA DSA 01-111060

NOTE: If this drawing is not 42"x30" it has been revised from its original size. Scale noted on drawing/details are no longer applicable.

Rev.	Date	Remarks
6	OCT 8 2010	ADDENDUM 2–INCREMENT 2

DSA BACKCHECK-Increment 2

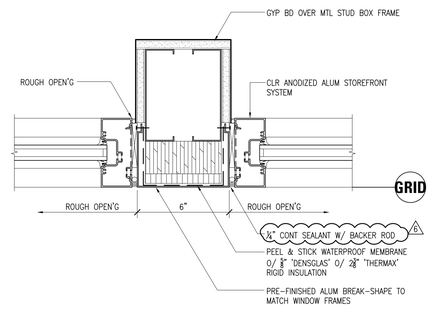
Date:	**08/23/10**
Scale:	**AS NOTED**
KH Project Name:	**LPC - Science Phase 2 Livermore, CA**
KH Project No.	**0903.00**

Drawing Title:

Misc. Interior Details

Sheet No.

A8.04



20 A9.01 Jamb Detail at Column

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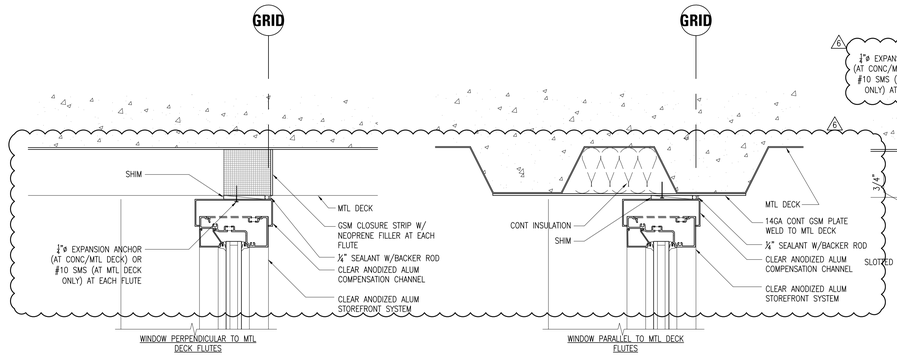
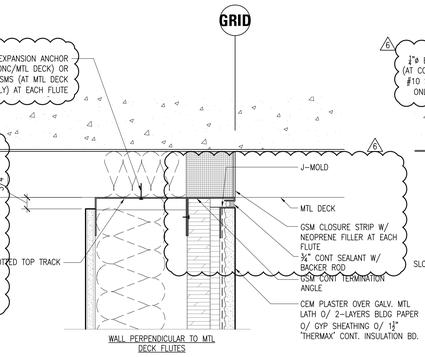


16 A9.01 Window Detail - Head Condition

SCALE: 3" = 1'-0"

12 A9.01 Window Detail - Head Condition

SCALE: 3" = 1'-0"



8 A9.01 Exterior Wall Detail - Head Condition

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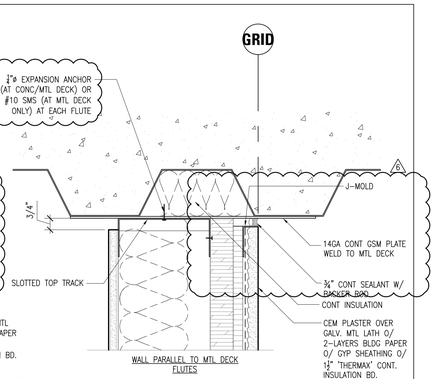

4 A9.01 Exterior Wall Detail - Head Condition

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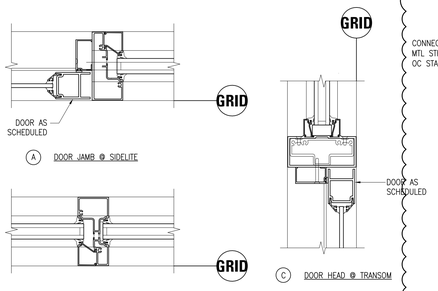

19 A9.01 Storefront Details - Typical

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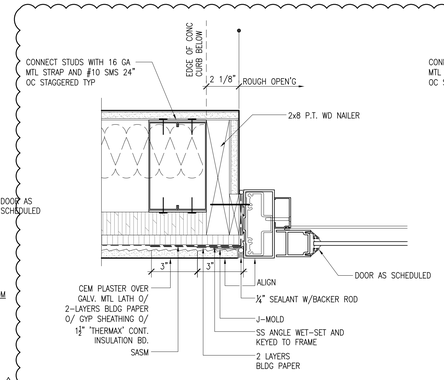
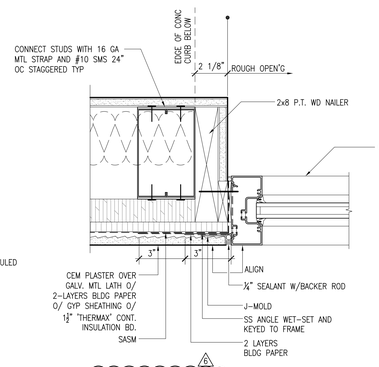


15 A9.01 Door Detail - Jamb

SCALE: 3" = 1'-0"



11 A9.01 Storefront Detail - Jamb

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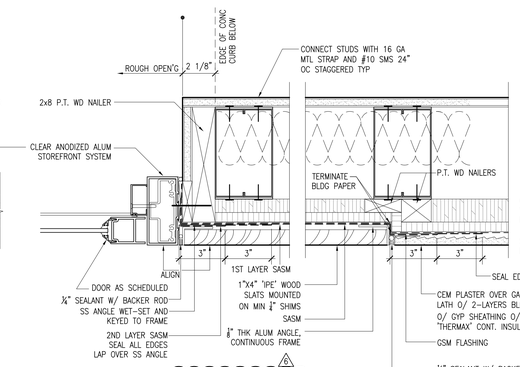
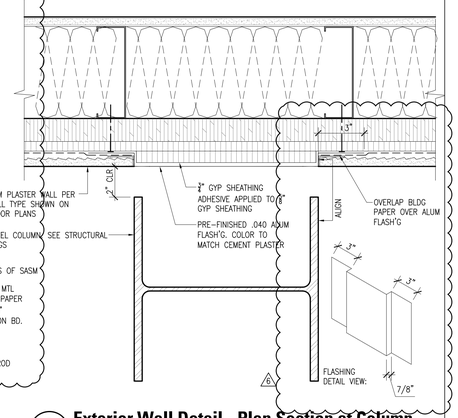


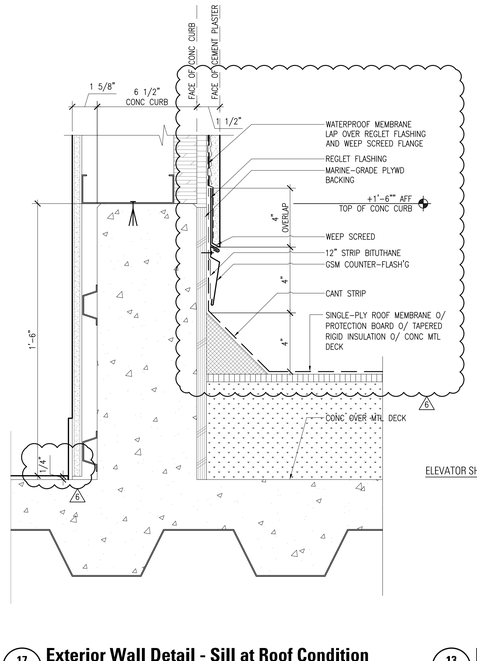
7 A9.01 Storefront Detail - Jamb at Wood Slats

SCALE: 3" = 1'-0"



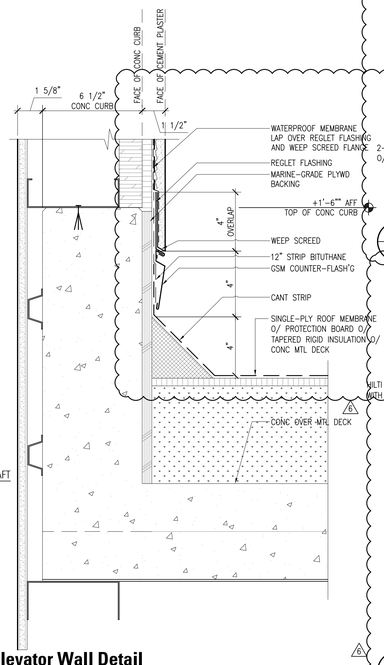
3 A9.01 Exterior Wall Detail - Plan Section at Column

SCALE: 3" = 1'-0"



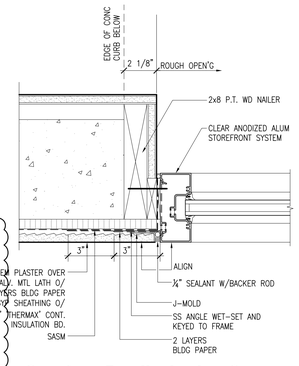
17 A9.01 Exterior Wall Detail - Sill at Roof Condition

SCALE: 3" = 1'-0"



13 A9.01 Elevator Wall Detail

SCALE: 3" = 1'-0"

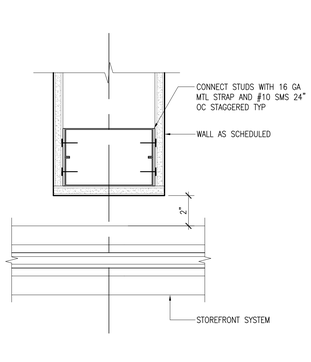


10 A9.01 Storefront Detail - Jamb at Concrete Curb

SCALE: 3" = 1'-0"

9 A9.01 Exterior Wall Detail - Sill at Wood Slats

SCALE: 3" = 1'-0"

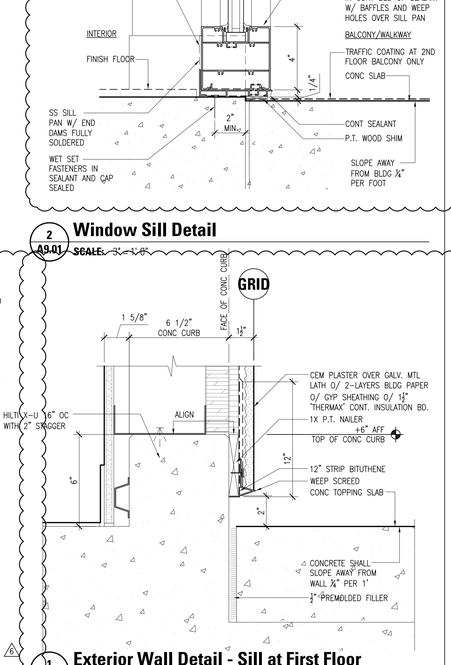


6 A9.01 Wall Termination @ Storefront

SCALE: 3" = 1'-0"

5 A9.01 Exterior Wall Detail - Sill at Second Floor

SCALE: 3" = 1'-0"



1 A9.01 Exterior Wall Detail - Sill at First Floor

SCALE: 3" = 1'-0"

2 A9.01 Window Sill Detail

SCALE: 3" = 1'-0"

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Las Positas College

New Science Building and General Alterations to Building 1800

Livermore, CA DSA 01-111060

NOTE: If this drawing is not 42"x30" it has been revised from its original size. Scale noted on drawing/details are no longer applicable.

Rev.	Date	Remarks
Δ6	OCT 8 2010	ADDENDUM 2–INCREMENT 2

DSA BACKCHECK-Increment 2

Date: **08/23/10**
Scale:
KH Project Name: **LPC - Science Phase 2 Livermore, CA**
KH Project No. **0903.00**

Drawing Title:
Exterior Details

Sheet No.
A9.01