Notice is hereby given to all prospective bidders that plans and specifications on the subject project are modified as hereinafter set forth. This Addendum shall be attached to and form a part of the plans and specifications. All bidders must acknowledge receipt of this addendum on the Bid Form. In case of difference with previous addenda or communications, this addendum takes precedence.

It is the responsibility of all bidders to notify all subcontractors from whom they request bids and from whom they accept bids of all changes contained in this addendum.

PROJECT MANUAL

1. Item No. PM-1
   Reference: Section 00009 TESTING AND INSPECTION
   Description: DSA-103 to be inserted (attached)

2. Item No. PM-2
   Reference: Section 00010 TABLE OF CONTENTS
   Description: DELETE reference to 00008 Deferred Approvals

3. Item No. PM-3
   Reference: Specification Section 05810-EXPANSION JOINT COVERS
   Description: DELETE Construction Specialties Model number PC- 600. ADD Roof to Roof SRJW – 600. ADD Model Number SF- 600 for vertical wall expansion joint at corner and flat conditions.

4. Item No. PM-4
   Reference: Specification Section 07222-POLYISOCYANURATE ROOF INSULATION, Section 3.3 Installation Paragraph E.
   Description: Revise installation to butt edges and stagger joints between z-furring.
5. Item No. PM-5  
Reference: Specification Section 07610-ALUMINUM ROOFING  
Part 3 Execution: 3.2 Installation  
Description: REVISE Paragraph A: “Z-furring shall be the half height of the total installation thickness. TO READ “...full height of the total installation thickness”

6. Item No. PM-6  
Reference: Specification Section 09511-ACOUSTICAL CEILING ASSEMBLIES  
Description: REVISE PART 2 – PRODUCTS TO: “Direct-Applied Ceiling Tile Products: standard 1” thick x 31-3/4” x 60” Tectum acoustical panels with beveled edge mechanically fastened to wood furring.”  
Contact: 105 South Sixth Street, Newark, OH 43055; (888) 977-9691, (740) 345-9691; fax: (800) 832-8869; e-mail: info@tectum.com; website: www.tectum.com.

7. Item No. PM-7  
Reference: Specification Section 11131 PROJECTION SCREENS  
Description: SUBSTITUTE revised section

DRAWINGS

1. Item No. AD-1  
Reference: Sheet A0.03 TYPICAL ACCESSIBILITY DETAILS / Detail 1  
Sheet P0.01 PLUMBING FIXTURE SCHEDULE / Classroom Sink  
Sketch: SK-1  
Description: Detail Clarification – Faucet moved to meet accessibility requirements.  
ADD BUBBLER to Classroom Sink as shown: Chicago Faucets model 748-665FHABCP lead-free bubbler with anti-microbial flexible projector head.

2. Item No. AD-2  
Reference: Sheet A2.01 FLOOR PLAN  
Sketch: SK-2  
Description: Detail Clarifications:  
Detail number for Asphalt Paving at Cistern - Enlarged Plan REVISED from 2/- to 3/-;  
Detail 2/- BUILDING DATUM POINT ADDED TO SHEET, misaligned column references revised;  
Detail rotated to match 1/8” floor plan reference;  
Diameter of concrete pad added.
3. Item No. AD-3  
   Reference: Sheet A2.01 FLOOR PLAN / Sheet Notes  
   Description: **Keynote 4 revised to ADD WORDING**: “NEW RAINWATER COLLECTION CISTERN ANCHORED TO CONCRETE SLAB BELOW – S.M.D..  
   **Key note 17 added**: NEW CONCRETE SLAB BELOW CISTERN

4. Item No. AD-4  
   Reference: Sheet A2.02 ROOF PLAN / Detail 1  
   Sketch: SK-3  
   Description: Hatch on roof plan revised for better legibility.

5. Item No. AD-5  
   Reference: Sheet A2.03 NEW PLAYGROUND STRIPING PLAN / PAVING  
   Sketch: SK-4  
   Description: **Play yard Site Plan Clarifications**: 4-square court back ground color revised. Track lay-out line color revised.  
   **Play yard Site Plan Legend and General Notes Clarifications**: Track lay out line colors clarified. Track and Game Line designations added and revised.

6. Item No. AD-6  
   Reference: Sheet A2.03 NEW PLAYGROUND STRIPING PLAN / PAVING  
   Sketch: SK-5  
   Description: Concrete score lines and expansion joints ADDED, dimensions of flatwork ADDED.

7. Item No. AD-7  
   Reference: Sheet A9.01 TYPICAL EXTERIOR DETAILS / Detail 16  
   Sketch: SK-6  
   Description: **Detail ADDED**: Typical vertical and flat and corner expansion joint detail added

8. Item No. AD-8  
   Reference: Sheet A9.02 ROOF DETAILS / Detail 16  
   Sketch: SK-7  
   Description: **Detail Clarifications**: Location of acoustical ceiling material REVISED to show attachment to metal decking. Bent plate angle over I-Beam REVISED. Gutter arm REVISED.

9. Item No. AD-9  
   Reference: Sheet A9.02 ROOF DETAILS / Detail 19  
   Sketch: SK-8  
   Description: **Detail Clarification**: Flashing cap note DELETED. Material designation notes ADDED.
10. Item No. AD-10  
Reference: Sheet A0.02 PHASING PLAN  
Description: Detail 1: ADD Contractors’ trailer per requirements of the 01520 Construction Facilities specification to the area immediately north of the two-classroom structure, not blocking any exits from the school building.  
Detail 2: The arrow for Keynote 4D located to the north of the two classroom building should be pointing in the opposite direction to the diagonally hatched area designated as (N) asphalt per the Phase 4 scope of work legend in lieu of the planted area.

11. Item No. LD-1  
Reference: Sheet L-3.0 / Detail 6 RAIN WATER PLATFORM  
Description: DELETE detail and item from Project.

12. Item No. PD-1  
Reference: Sheet P0.01 / PLUMBING FIXTURE SCHEDULE  
Description: DELETE MS-1 Mop sink from Plumbing Fixture Schedule

13. Item No. ED-1  
Reference: Sheet E1.01 ELECTRICAL SITE PLAN AND DETAILS  
Description: REVISE Note 4: Relocation of Bungalow #1 (Classroom 101) will be by Owner

14. Item No. HMD-1  
Reference: Sheet HM-2  
Description: Legend A1 designation – Remove asphalt per extents shown on Civil C2.1

15. Item No. HMD-2  
Reference: Sheet HM-3  
Description: Note L-2 shall apply to area of expansion joint attachment along the full length and width of the new canopy per the architectural plans.

RFI RESPONSES

<table>
<thead>
<tr>
<th></th>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>The manufacturer of the acoustic ceiling tiles specified does not warranty the installation specified.</td>
<td>See item PM-6 above – material changed to Tectum panels adhered to wood furring.</td>
</tr>
<tr>
<td>2.</td>
<td>Plan Sheet E0.01 in the wall data outlet symbol, indicates that a # next to the symbol means the quantity of jacks/drops.</td>
<td>The numbers adjacent to the data/elec. outlets are the electric circuits for the electrical receptacles not data. The data outlets are single outlet with a Cat 6 cable to each outlet.</td>
</tr>
<tr>
<td>Question</td>
<td>Response</td>
<td></td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>3.</strong> Regarding the Ulloa Elementary School Bungalow Replacement Project (Project No. 11060): The interior ceilings show acoustical tile at some areas; however, there aren’t any typical notes at those areas. Will all of the interior metal decking be covered with acoustical tile?</td>
<td>All the interior decking will be covered in acoustic material – see item PM-6 above for change in the material specification.</td>
<td></td>
</tr>
<tr>
<td><strong>4.</strong> Regarding the Ulloa Elementary School Bungalow Replacement Project (Project No. 11060): Section 09900 painting, page 8, items 3.07A and B state Tnemec finish, but the type is not listed. What type of finish is to be used on the exterior metals?</td>
<td>Use Tnemec Series 175 / Endura-Shield.</td>
<td></td>
</tr>
</tbody>
</table>
| **5.** Spec sections 10110 Visual Display Surfaces and 11131 Projection Screens both appear ambiguous; please clarify exact model, type and size required for these items. | See item PM-7 above for revised section 11131. For Visual Display Surfaces, District Standards require:  
  - Porcelain enamel marker boards sized per Drawings (8’x4’ typically) with 24 gauge (0.0209-inch, uncoated thickness) face sheets with porcelain-enamel coating fused to steel face finish, 3/8-inch particleboard cores, and .015-inch aluminum backing sheets.  
  - Provide display rails, marker trays, map hooks, and flag holders.  
  - Provide 1/4-inch thick natural cork-surfaced tack boards sized per Drawings with 3/8-inch thick fiberboard backing. Acceptable manufacturers: Forbo Bulletin Board, Claridge Cork or approved equal. |
<p>| <strong>6.</strong> The window details 1, 2/A9.01 show insulated glass, but the glazing specs, 2.01A has specified laminated glass. | It is intended that the smaller, higher windows could be dual glazed (types E+F), but that the larger windows and those facing the playground be single-pane laminated glass with solar protection. |
| <strong>7.</strong> There are several references to CHPS, is this a LEED or CHPS job? | The project will not be certified as either, but design elements have been developed using CHPS standards. |
| <strong>8.</strong> In section 00012 – Geotechnical Report makes no mention as to how to get a copy for review. Please make an electronic copy available for GC &amp; Grading subs to read. | You can obtain a copy of the Geotech report from ARC Graphics per the instructions for obtaining documents in section 00100 of the Project Manual: BID AND CONTRACT DOCUMENTS. |</p>
<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>9. In section 00100 Notice to Contractors Calling For Bids requires the Contractor to use a Labor Compliance Software, Elation Systems, Inc for the duration of the Project. Please clarify if subcontractors are also required to submit certified payroll directly via this system and/or should they also add $500/month cost?</td>
<td>You can contact Elation system for clarifications.</td>
</tr>
<tr>
<td>10. In section 00700 General Conditions the following questions arose: Part 3.07 subsection A.1 call for “A dedicated full time English speaking superintendent and project manager are required at each site where any contract work is being performed.” Is the dedicated on-site PM required for this small size of a project?</td>
<td>This provision will not be changed.</td>
</tr>
<tr>
<td>11. Part 7.05 seems to have no use on this job as the bid form does not call out any units. Please confirm this section can be struck from the General Conditions.</td>
<td>This provision will not be changed. This project dose not list or request unit prices for bidding.</td>
</tr>
<tr>
<td>12. Part 9.03.G calls for The Schedule of Values shall be generated in the latest Primavera Project Planner yet part 3.08.B.1 states “The Contractor shall use MS project Software” and is again mentioned in part 3.08.B.3 and 3.08.B.10. Please clarify which software is required?</td>
<td>MS Project is the District Standard and will not be changed.</td>
</tr>
<tr>
<td>13. Section 00800 – Special Conditions: In part 1.3.G calls out for limited activity for “noisy” work during school hours. Item #4 – 7 are not part of this job and items 3, 8-13 will be required to complete this job. Please clarify if this work is required to be done in “off-hours”.</td>
<td>This provision will not be changed.</td>
</tr>
<tr>
<td>14. Part 1.16 appears to be not part of this jobs scope of work. Please confirm this item can be deleted.</td>
<td>This provision will not be changed.</td>
</tr>
<tr>
<td>15. Part 1.18 calls out for using a web-based project management system. There is no mention of cost to the GC and / or amount of training time required (i.e. lost productivity for GC to send personal for training which should be added to bid).</td>
<td>This provision will not be changed.</td>
</tr>
<tr>
<td>16. Section 01190 – Work Restrictions: In part 1.2.A.1 there appears to be missing information. Please clarify requirements.</td>
<td>The area of work is identified in sheet A0.02; fencing is required around the entire construction zone per the Specifications.</td>
</tr>
<tr>
<td></td>
<td>Question:</td>
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</tr>
<tr>
<td>17.</td>
<td>Section 01210 – Allowances: In part 3.3.A and B there appears to be missing information. Please clarify requirements.</td>
</tr>
<tr>
<td>18.</td>
<td>Section 01330 – Submittal Procedures: In part 1.3.A, the callout for days to preparing and processing appears to be incomplete. Please confirm days required. FYI the number of days listed may not be adequate for Structural Steel submittal.</td>
</tr>
<tr>
<td>19.</td>
<td>In part 2.1.A calls out for eight (8) copies, can submittals be done electronically using PDF format? (except samples)</td>
</tr>
<tr>
<td>20.</td>
<td>Section 01730 – Cutting and Patching: In part 1.5.A.1 there appears to be missing information. Please clarify requirements.</td>
</tr>
<tr>
<td>21.</td>
<td>In part 1.5.B.10 there appears to be missing information. Please clarify requirements.</td>
</tr>
<tr>
<td>22.</td>
<td>In part 1.5.C.7 there appears to be missing information. Please clarify requirements.</td>
</tr>
<tr>
<td>23.</td>
<td>Section 01732 – Selective Demolition: In part 1.7.A.1 there appears to be missing information and scopes of work that is not present on this job e.g. item b, j –m and o. Please clarify requirements are required.</td>
</tr>
<tr>
<td>24.</td>
<td>Section 01770 – Cleaning and Closeout Procedures: Part 2.1.B and E do not appear to be required on this job. Please confirm these are not required.</td>
</tr>
<tr>
<td>25.</td>
<td>Part 2.1.C. calls for waxing the new VCT floors, is this really required?</td>
</tr>
<tr>
<td>Question</td>
<td>Response</td>
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<tr>
<td>26.</td>
<td>Part 3.2.B.1 items g, h, j.1 (first part), j.2 through j.7, k and l don't apply to job. Please confirm they can be deleted from specs.</td>
</tr>
<tr>
<td>27.</td>
<td>Is Part 3.2.C. required for this job? i.e. campus must have services like this already.</td>
</tr>
<tr>
<td>28.</td>
<td>Section 02315 – Excavating, Backfilling &amp; Compacting for Structures: Part 3.01.B.2 calls for excavating a distance of five feet beyond the building pad yet sheet C-2.1 under “Geotechnical Notes Subgrade Preparation calls for three feet. Please confirm amount of overbuild required.</td>
</tr>
<tr>
<td>29.</td>
<td>Section 02335 – Subgrade Preparation &amp; Base Material: Part 1.2.A.3 and 2.4.A mentions Lime treatment. Is this an option for this job?</td>
</tr>
<tr>
<td>30.</td>
<td>Section 02741 – Asphalt Paving and Surfacing: The page footer description does not match the title. Please confirm intent.</td>
</tr>
<tr>
<td>31.</td>
<td>In part 1.1.A.2, 1.3.C as well as 2.1.B and 3.3 calls out “Concrete Paving” yet there is a dedicated section 02522 Site Concrete. Please clarify which section prevails.</td>
</tr>
<tr>
<td>32.</td>
<td>Section 02790 – Asphalt Surface Colorizer: In part 1.01.B item 1 call out does not exist. Please clarify intent.</td>
</tr>
<tr>
<td>33.</td>
<td>Section 02791 – Asphalt Surfacing – Slipsheet System 16.1 The spec’s appears to have several items that don’t exist on the job i.e. Items C through F.</td>
</tr>
<tr>
<td>34.</td>
<td>02880 – Site Furnishings: In part 2.01.A.2 the model called out doesn’t match what is called out on L-2.0. Please verify which model is correct.</td>
</tr>
<tr>
<td></td>
<td>Question</td>
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</tr>
<tr>
<td>35.</td>
<td>In part 2.01.C.2 the model called out is for a single size, which doesn’t match what is called out on L-2.0. Please verify which model(s) is correct.</td>
</tr>
<tr>
<td>36.</td>
<td>Section 05160 – Sureboard: The page footer description does not match the title. Please confirm intent.</td>
</tr>
<tr>
<td>37.</td>
<td>Section 09650 – Resilient Flooring and Base: In part 1.01.A items 2 &amp; 3 – none on job. In part 1.01.B items 2 &amp; 3 – specs don’t exist. In part 2.01.A calls out three (3) colors yet sheet A8.01 calls out only two colors. Please clarify intent. Is part 3.03.P correct and / or required?</td>
</tr>
<tr>
<td>38.</td>
<td>Section 10110 – Visual Display Surfaces: The spec’s in part 2 appears to be incomplete i.e. no exact product call-outs. Please clarify intent.</td>
</tr>
<tr>
<td>39.</td>
<td>Section 11131 – Projection Screens: The spec’s in part 2.2.A appears to incomplete i.e. no exact product call-outs e.g. Viewing Area format. Please clarify intent.</td>
</tr>
<tr>
<td>40.</td>
<td>Sheet A0.02 – Phasing Plan: 22.1 Under phase 2B item c. calls to remove the existing foundation. Please provide as-built information as to the method of the foundation construction (wood or concrete)</td>
</tr>
<tr>
<td>41.</td>
<td>On plan 1 bungalow #1 has a label of 1A, is this correct?</td>
</tr>
<tr>
<td>42.</td>
<td>Under phase 2B should there not be an item of work to install the SD shown on C3.1 before the bungalow #1 is installed?</td>
</tr>
<tr>
<td>43.</td>
<td>Phase 4 scope of work has a pattern with (N) Asphalt Skim Coat. Please define “Skim Coat” in terms that CALTRANS uses i.e. Slurry seal Type 1, 2 or 3 as nothing is called out in specifications section 02741.</td>
</tr>
<tr>
<td></td>
<td>Question</td>
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</tr>
<tr>
<td>44.</td>
<td>Sheet C-3.1 – Utility Plan: On the SS line there appears to be missing laterals for classroom #2, #3 &amp; #5. Please clarify intent</td>
</tr>
<tr>
<td>45.</td>
<td>It appears the original SD system flowed towards Vincente Street which raised the following questions: Keynote #5 calls out for new DI which is fine but why is there keynote #10 just north of keynote #5? Should this be keynote #1 instead?</td>
</tr>
<tr>
<td>46.</td>
<td>The DI in the playground east of the new building #2 originally flowed to the line just east of new building #1 but is terminating in the planter with a COTG. Is this correct if Alternate #2 is not taken i.e. should it be a bubbler as there is no gravel bed as shown in detail 4 on C5.1 if the alternate is not taken?</td>
</tr>
<tr>
<td>47.</td>
<td>At the four planters shown east of building #1 how does the alternate #2 work at the planter interface i.e. is there some kind of root barrier material to prevent soil and / or roots from infiltrating the permeable material under the pavers?</td>
</tr>
<tr>
<td>48.</td>
<td>There is no Keynote #6 on the plan. Is this keynote related to the large circle NW of building #2?</td>
</tr>
<tr>
<td>49.</td>
<td>At the CB just West of building #2 is a pipe heading East and ends at keynote #7. Is the invert called out (61.50) related to keynote #7 or 4” SD line? Also, why does keynote #7 end on top of this pipe?</td>
</tr>
<tr>
<td>50.</td>
<td>The new 1” pressure SD routes to the South of building #2. Can it be routed to the North side of Building #2 to save AC cutting / patching?</td>
</tr>
<tr>
<td>51.</td>
<td>At building #1 the SD lines have keynote #1 to be removed. What about the electrical / communications lines, are they to be removed as well?</td>
</tr>
<tr>
<td></td>
<td>Question</td>
</tr>
<tr>
<td>---</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>52</td>
<td>Sheet L-3.0 – Planting and General Details: 24.1 Where is detail 6 used? i.e. there is no call out on sheet L-1.0 or L-2.0 legend.</td>
</tr>
<tr>
<td>53</td>
<td>Sheet A1.01 – Site Plan Existing &amp; Demo and New Plan: On plan 2 the following questions arose: Just above the note “(N) BUILDING” is a note patch area at removed bungalows. Please confirm conditions to be expected after bungalow removal i.e. need quantification for bidding purpose to get a fair and level scope of work.</td>
</tr>
<tr>
<td>54</td>
<td>Keynote #6 points to what appears to be 3 of the 4 basketball standards. Is the 4th one new? Please clarify intent.</td>
</tr>
<tr>
<td>55</td>
<td>Keynote #11 calls for new gates yet Sheet A2.01 calls for only “breakaway” locks on the existing gates. Please clarify intent.</td>
</tr>
<tr>
<td>56</td>
<td>Sheet A2.01 – Floor Plan: Is keynote #10 missing on building #2 at grid line 6 &amp; A?</td>
</tr>
<tr>
<td>57</td>
<td>Sheets A4.01 – A4.03 Enlarged plans &amp; Interior Elevations: Keynote #1 call out mentions painted wood sill and to see window schedule. Sheet A8.01 makes no mentioned of wood sills and there is no details as such. Please confirm intent.</td>
</tr>
<tr>
<td>58</td>
<td>Sheet BA1.01 – Bid Alternates #1, #2 &amp;#3 Details 1,2 &amp; 3 titles don’t match the scope of work being depicted. Please confirm intent.</td>
</tr>
<tr>
<td>59</td>
<td>Is the 6” band around the permeable pavers in detail 3 new? i.e. no keynote as such.</td>
</tr>
<tr>
<td>60</td>
<td>Keynote #3 description doesn't appear to match the scope of work described on sheet A0.02 Phasing Plan item 4D. Please confirm intent.</td>
</tr>
<tr>
<td></td>
<td>Question</td>
</tr>
<tr>
<td>---</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>61.</td>
<td><strong>Sheet BA1.03 – Alternate #5:</strong> In the BA5 description item #5 talks about “cracks and depressions” which is a bit nebulous unless the design team marks drawings for this work i.e. need quantification for bidding purpose to get a fair and level scope of work.</td>
</tr>
<tr>
<td>62.</td>
<td><strong>The Legend description calls for “(N) Asphalt Paving” which appears to contradict the Alternate #5 description in section 01230. Please confirm no new paving is required.</strong></td>
</tr>
<tr>
<td>63.</td>
<td><strong>The door frames are specified as aluminum frames per schedule but detail 9/A9.01 calls for HM frame.</strong></td>
</tr>
<tr>
<td>64.</td>
<td><strong>The Statement of Bidders Qualifications Items 2.2, 2.3, and 4.6 of the Statement of Bidder’s Qualifications request information on any claims against our construction license or bonds. Unfortunately there is no time limit nor is there a clarification that indicates “Successful bond claims” or “License Claims that resulted in any action by the license board including suspension, arbitration, or punitive action”.</strong></td>
</tr>
</tbody>
</table>

**END OF ADDENDUM ITEMS**

**ATTACHMENTS:**

**Project Manual:**
- Section 00009 DSA-103 (4 pages)
- Section 11131 Projection Screens
- Section 02790 – Asphalt Surface Colorizer
- Section 02791 – Asphalt Surfacing – Slipsheet System

**Sketches:**
- SK- 1 Classroom sink fixtures
- SK-2 Cistern paving and building datum
- SK-3 Roof plan
- SK-4 Play yard striping
- SK-5 Flatwork scoring and dimensions
- SK-6 Expansion joint detail
- SK-7 Roof and ceiling detail
- SK-8 Roof detail at Electrical Closet
**Statement of Structural Tests and Special Inspections**

**2010 CBC**

**School Name:** Ulloa Elementary School  
**District:** San Francisco Unified School District

**IMPORTANT:** This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.

**NOTE:** This form is also available for projects submitted for review under the 2007 CBC.

**INSTRUCTIONS:** Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is a mandatory requirement. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test.  **Note:** A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests finally selected. For more information on use of this form, see DSA-103.INSTR.

---

**REQUIRED**  
**TEST OR SPECIAL INSPECTION**  
**TYPE**  
**RECORDED BY**  
**CODE REFERENCE AND NOTES**

### - SOILS

**1. GENERAL:**

| X | a. Verify that  
|   | • site has been prepared properly prior to placement of controlled fill and/or excavations for foundations,  
|   | • foundation excavations are extended to proper depth and have reached proper material, and  
|   | • materials below footings are adequate to achieve the design bearing capacity.  
|   | Periodic  
|   | GE*  
|   | * By geotechnical engineer or his or her qualified representative.

### - 2. COMPACTED FILLS:

| X | a. Perform qualification testing of fill materials.  
|   | Test  
|   | Lab*  
|   | * Under the supervision of the geotechnical engineer.

| X | b. Verify use of proper materials and inspect lift thicknesses, placement, and compaction during placement of fill.  
|   | Continuous  
|   | GE*  
|   | * By geotechnical engineer or his or her qualified representative.

| X | c. Test compaction of fill.  
|   | Test  
|   | Lab*  
|   | * Under the supervision of the geotechnical engineer.

### - 3. DRIVEN DEEP FOUNDATIONS (PILES):

| + | a. Verify use of required design mix.  
|   | Periodic  
|   | SI & PI*  
|   | * To be performed by batch-plant special inspector and project inspector.

### - 4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):

| + | a. Test reinforcing steel.  
|   | Test  
|   | 1816A.2 (1916.1.6') ASTM A370. See IR 17-10

---

**CONCRETE**

**Material Verification and Testing:**

| X | a. Verify use of required design mix.  
|   | Periodic  
|   | SI & PI*  
|   | * To be performed by batch-plant special inspector and project inspector.

| X | b. Test reinforcing steel.  
|   | Test  
|   | 1816A.2 (1916.1.6') ASTM A370. See IR 17-10

---

**Note:** All references to the California Building Code (CBC) are to the 2010 edition.

---

**+** In the **CODE REFERENCE AND NOTES** column indicates DSA-SS/CC sections that can be used by community colleges, per 2010 CBC Sec. 1.9.2.2.
## Statement of Structural Tests and Special Inspections

### 2019 CBC

<table>
<thead>
<tr>
<th>c. Perform slump, temperature, and (where required) air content tests.</th>
<th>Test</th>
<th>Lab</th>
<th>ASTM C172, ASTM C31.</th>
</tr>
</thead>
</table>

### Inspection:

<table>
<thead>
<tr>
<th>e. Inspect batching of concrete.</th>
<th>Continuous</th>
<th>SI</th>
<th>1704A.4.2; (see 1704A.4.3, option 2 for waiver based on design parameters).</th>
</tr>
</thead>
<tbody>
<tr>
<td>f. Inspect placement of formwork, reinforcing steel, embedded items and concrete. Inspect curing and form removal.</td>
<td>Continuous</td>
<td>PP*</td>
<td>* May be performed by a special inspector when specifically approved by DSA.</td>
</tr>
<tr>
<td>g. Welding of reinforcing steel.</td>
<td>Provide special inspection per STEEL, category 19.1(d) &amp; (e) and/or 19.2(g) &amp; (h) below.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>h. Verify in-situ concrete strength prior to removal of shores and forms from beams and structural slabs.</td>
<td>N/A</td>
<td>PP*</td>
<td>* Project inspector to verify concrete strength test reports prior to removal of shores or formwork.</td>
</tr>
</tbody>
</table>

### 8. PRESTRESSED CONCRETE (in addition to Cast in Place Concrete tests and inspections):

### 9. PRECAST CONCRETE (in addition to Cast in Place Concrete tests and inspections):

### 10. SHOTCRETE (in addition to Cast in Place Concrete tests and inspections):

### 11. POST-INSTALLED ANCHORS:

### 12. OTHER CONCRETE:

#### MASONRY

<table>
<thead>
<tr>
<th>Table 1704A.5.3</th>
</tr>
</thead>
</table>

#### STEEL

<table>
<thead>
<tr>
<th>Table 1704A.3</th>
</tr>
</thead>
</table>

### 17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES

#### Material Verification:

<table>
<thead>
<tr>
<th>a. Verify that all materials are appropriately marked and that:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Mill certificates indicate material properties that comply with requirements,</td>
</tr>
<tr>
<td>• Material sizes, types and grades comply with requirements.</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>b. Test unidentified materials</td>
</tr>
<tr>
<td>c. Examine seam welds of structural tubes and pipes</td>
</tr>
</tbody>
</table>

#### Inspection:

| d. Verify member locations, bracing and all details constructed in the field. | Continuous | PI |
| e. Verify stiffener locations, connection tab locations and all construction details fabricated in the shop. | Periodic | Si |

### 18. HIGH STRENGTH BOLTS:

#### Material Verification of High-Strength Bolts, Nuts, and Washers:

<table>
<thead>
<tr>
<th>a. Verify identification markings and manufacturer’s certificates of compliance conform to ASTM standards specified in the DSA approved documents.</th>
<th>Periodic</th>
<th>Si</th>
<th>See DSA IR 17-9</th>
</tr>
</thead>
<tbody>
<tr>
<td>b. Test high-strength bolts, nuts and washers.</td>
<td>Test</td>
<td>Lab</td>
<td>2212A.1 (2211.5.1*), ASTM F606, A370. DSA IR 17-8</td>
</tr>
</tbody>
</table>

#### Inspection of High-Strength Bolt Installation:

<table>
<thead>
<tr>
<th>c. Bearing-type (&quot;snug tight&quot;) connections.</th>
<th>Periodic</th>
<th>Si*</th>
<th>See DSA IR 17-9</th>
</tr>
</thead>
<tbody>
<tr>
<td>d. Slip-critical connections.</td>
<td>*</td>
<td>Si</td>
<td>“Continuous” or “Periodic” depends on the tightening method used, see IR 17-9 and 1704A.3.3.</td>
</tr>
</tbody>
</table>

### 19. WELDING:

| DSA IR 17-3, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel). |

+ In the CODE REFERENCE AND NOTES column indicates DSA-SS/CC sections that can be used by community colleges, per 2010 CBC Sec. 1.9.2.2.
## Verification of Materials, Equipment, Welders, etc:

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.</td>
<td>Periodic</td>
<td>SI</td>
</tr>
<tr>
<td>b.</td>
<td>Verify weld filler material manufacturer's certificate of compliance.</td>
<td>Periodic</td>
<td>SI</td>
</tr>
</tbody>
</table>

### 19.1 SHOP WELDING:

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>Inspect groove, multi-pass, and fillet welds &gt; 5/16&quot;</td>
<td>Continuous</td>
<td>SI</td>
</tr>
<tr>
<td>b.</td>
<td>Inspect single-pass fillet welds ≤ 5/16&quot;</td>
<td>Periodic</td>
<td>SI</td>
</tr>
<tr>
<td>c.</td>
<td>Inspect welding of stairs and railing systems.</td>
<td>Periodic</td>
<td>SI</td>
</tr>
<tr>
<td>d.</td>
<td>Verification of reinforcing steel weldability</td>
<td>Periodic</td>
<td>SI</td>
</tr>
<tr>
<td>e.</td>
<td>Inspect welding of reinforcing steel.</td>
<td>Continuous</td>
<td>SI</td>
</tr>
</tbody>
</table>

### 19.2 FIELD WELDING:

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>Inspect groove, multi-pass, and fillet welds &gt; 5/16&quot;</td>
<td>Continuous</td>
<td>SI</td>
</tr>
<tr>
<td>b.</td>
<td>Inspect single-pass fillet welds ≤ 5/16&quot;</td>
<td>Periodic</td>
<td>SI</td>
</tr>
<tr>
<td>c.</td>
<td>Inspect end-welded studs (ASTM A-106) installation (including bend test)</td>
<td>Periodic</td>
<td>SI</td>
</tr>
<tr>
<td>d.</td>
<td>Inspect floor and roof deck welds</td>
<td>Periodic</td>
<td>SI</td>
</tr>
<tr>
<td>e.</td>
<td>Inspect welding of structural cold-formed steel</td>
<td>Periodic</td>
<td>SI*</td>
</tr>
<tr>
<td>f.</td>
<td>Inspect welding of stairs and railing systems</td>
<td>Periodic</td>
<td>SI*</td>
</tr>
<tr>
<td>g.</td>
<td>Verification of reinforcing steel weldability</td>
<td>Periodic</td>
<td>SI</td>
</tr>
<tr>
<td>h.</td>
<td>Inspect welding of reinforcing steel.</td>
<td>Continuous</td>
<td>SI</td>
</tr>
</tbody>
</table>

### 20. NONDESTRUCTIVE TESTING:

### 21. STEEL JOISTS AND TRUSSES:

### 22. SPRAY APPLIED FIRE-PROOFING:

### 23. OTHER STEEL:

### WOOD

### OTHER

**Summary of Verified Reports Required:**

Note: Project Inspector, contractor, architect and engineer verified reports are always required (Form DSA-6 or DSA-6A/E as applicable).
# Division of the State Architect

## Statement of Structural Tests and Special Inspections

### 2010 CBC

### KEY to Columns

<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong> - Type -</td>
<td><strong>2</strong> - Performed By -</td>
</tr>
<tr>
<td>Continuous – Indicates that a continuous special inspection is required</td>
<td>GE – Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative</td>
</tr>
<tr>
<td>Periodic – Indicates that a periodic special inspection is required</td>
<td>Lab – Indicates that the test is to be performed by a testing laboratory accepted in the DSA laboratory Evaluation and Acceptance (LEA) Program</td>
</tr>
<tr>
<td>Test – Indicates that a test is required</td>
<td>PI – Indicates that the special inspection is to be performed by the project inspector</td>
</tr>
<tr>
<td>SI – Indicates that the special inspection is to be performed by a special inspector</td>
<td></td>
</tr>
</tbody>
</table>

(Note: The difference between "tests" and "special inspections" is addressed in IR 17-4)

### NAME OF ARCHITECT OR ENGINEER IN GENERAL RESPONSIBLE CHARGE

**Kevin T. Treat, SE**

Name of Structural Engineer (When structural design has been delegated)

**7-25-12**

### IDENTIFICATION STAMP

**KEVIN D. TREAT**

**EXP. 6-30-14**

**SIGNATURE OF ARCHITECT OR STRUCTURAL ENGINEER**

**AC** _N/A_  **F/LS** _N/A_  **SS** _**__**_  **DATE** _**__**_

---

**Note:** In the CODE REFERENCE AND NOTES column indicates DSA-SS/CC sections that can be used by community colleges, per 2010 CBC Sec. 1.9.2.2.
PART I GENERAL

1.01 SUMMARY

A. Section Includes: Furnish the following items complete, as shown and specified:

Exterior Asphalt Surfacing at the play yard per drawings. This specification covers the application of a colored surface texture for new or existing asphalt or concrete surfaces that have a sound, well-drained base of adequate thickness and stability. Existing surfaces should be properly sloped for good drainage and free from cracks. Exterior surfaces should have a slope of at least 1%. The process consists of the repair of any minor depressions, followed by applications of the color system.

B. Related Sections:

1. Section 02500 - Asphalt Concrete Pavement

1.02 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawing: Layout plan, indicate line widths and colors per the Drawings.

C. Samples for Initial Selection: For each type of product indicated.

D. Samples for Verification: 24 by 24 inch complete system on 0.25 inch thick rigid backing; selected top coat colors.

1.03 QUALITY ASSURANCE

A. Installer: Experience in installing playground acrylic coatings and striping for a minimum of 5 years. List 5 recent projects of equal size and complexity to the current project.

B. Environmental Quality: Products shall contain no halogen, formaldehyde, nor PVC. Products shall be recyclable without generating environmentally harmful byproducts at end of use.

C. Pre-Installation Conference: Include Manufacturer’s representative. Comply with Division 1 requirements including discussion of the following:

1. Coordination with other work.
3. Protection of other work during installation.

D. Deliver products in manufacturer’s original, unopened wrappings and containers.
E. Protect products from weather, frost and excessive heat.

F. Warranty: Manufacturer’s standard five-year limited warranty.

PART 2 PRODUCTS

2.01 PRODUCTS

1. Surfacing materials shall be:
   1. Plexipave Acrylotex System
   2. Extol Color Coatings EXTOL 3000 (existing on site)
   3. Approved Equal

PART 3 EXECUTION

3.01 INSTALLATION

A. SURFACE PREPARATION
   1. Allow new asphalt to cure a minimum of 14 days and new concrete to cure for a minimum of 28 days. Do not allow the use of curing agents. Do not allow a steel trowel finish on concrete.
   2. Clean the entire surface. Power blowers should be used to remove dust and debris. Pressure washing may be needed to remove stains. Pressure should be less than 2500 lbs./in².
   3. Prior to the application of surfacing materials, the entire surface should be flooded and checked for depressions or irregularities. Any puddled area covering a nickel shall be marked and repaired with Court Patch Binder using the following mix:
      100 lbs. 60-80 mesh silica sand (dry)
      3 gallons Plexipave Court Patch Binder
      1 to 2 gallons Portland Cement (dry) depending on humidity and temp.
      A tack coat consisting of 1 part Court Patch Binder and 2 parts water shall be applied to the patch areas and allowed to dry thoroughly prior to patching. For more information see California Products Corporation Specification 10.14 or Plexipatch Specification 10.21. Cracks should be filled with Court Patch Binder mix or crack-filling products compatible with acrylic finishes.

B. ACRYLIC REFINEMENT COATS -
   1. Grind and buff all patching and crack repairs to remove edges.
   2. Apply 2 applications of California Acrylic Resurfacer according to Specification 10.8 shall be applied to the surface to obtain a coverage of 15 – 20 sq. yds. Per gallon (.07 -.05 gallons per square yard per coat). No application shall be covered by a succeeding application until thoroughly cured.
   3. Dilution with water and sand is required utilizing the following mix:
      Acrylic Resurfacer 55 gallons
      Water (Clean and Potable) 20-40 gallons
      Sand (45-60 Mesh) 600 – 900 lbs.
      Liquid Yield 112 – 138 gallons
NOTE: NO ASPHALTIC MATERIALS ARE ALLOWED FOR PATCHING OR REFINEMENT COATS. ALL PATCH REPAIRS MUST BE HIDDEN BEFORE APPLICATION OF PLAYGROUND COLOR COATS.

3.02 APPLICATION

Acrylotex shall be applied by rubber bladed squeegee on the clean, dry surface in two applications to obtain a total quantity of not less than .16 nor more than .22 gallons per square yard based on the material prior to any dilution. No application shall be covered by a succeeding application until thoroughly cured. Acrylotex and Plexichrome shall be mixed as follows, using a mechanical mixer:

- Acrylotex: 30 gallons
- Plexichrome: 10 gallons
- Water: 20 gallons
- Type I White Portland Cement (dry): 1-2 gallons (optional for additional hardness and faster drying)

*Note: 1 gallon equals approximately 22 lbs. dry Portland cement.*

The diluted material shall be homogeneous. Segregation before or during application will not be permitted. Portland cement should be added slowly to avoid “balling” in the mixture. The finished surface shall have a uniform appearance.

3.03 GAME LINE MARKINGS

Shall be Plexicolor Line Paint and conform to Specification 10.4 of California Products Corporation.

3.04 LIMITATIONS

No part of the construction involving the Plexipave System shall be conducted during rainfall, or when rainfall is imminent. The air temperature must be at least 50°F and rising. Do not apply when surface temperature is above 140°F. The Plexipave System will not prevent surface or structural cracks from reoccurring.

END OF SECTION
(A) SCOPE
The work includes the necessary repairs, resurfacing, and application of color finish, line painting and other related work as specified at the entire Play Yard, at new and existing asphalt areas.

(B) QUALITY ASSURANCE
Installer: Experience in installing playground acrylic coatings and striping for a minimum of 5 years. List 5 recent projects of equal size and complexity to the current project. NOTE: DIRECT BOND HOT ASPHALT IS NOT CONSIDERED AN EQUIVALENT.

(C) PREPARATION
The contractor shall remove all loose asphalt or cement mortar patches. Any roots thus exposed or any roots causing cracks in the existing surfaces shall be completely removed. The contractors shall patch all areas with Court Patch Binder according to Plexipave Specification 10.14.

(D) DELUXE NET POSTS AND NETS (if required)
Net posts shall be fabricated from 3” square, heavy-duty hollow steel. The reel shall be internal worm gear wind and shall be made of brass, FE#1. Nets shall be #TN 30.

(E) NET POST MODIFICATION (if required)
Modify all net posts to make net 42” above court surface.

(F) NET TIE DOWNS
Anchors for net center strap tie down shall be 1 5/8” pipe, 9” long with the bottom 2” flattened together and a ¼” pin centered in the top. The anchor shall be set in concrete 6”x6”x12” in depth.

(G) FENCE ADJUSTMENTS
The reerection of all fencing removed to provide access for equipment, and/or fencing adjusted for clearance as required, shall conform to the standards of the trade. Any fence fastenings, parts etc. damaged in the removal work shall be replaced with new material.

CRACK PROOF SYSTEM

(1) PREPARATION AND GLASS SHEET
(a) Clean and fill all cracks. Cracks a ¼” wide or less to be filled with Plexipave Crack Filler. Cracks wider than ¼” to be filled with Plexipave Court Patch Binder. All filling shall be flush and even with existing surface.
(b) Lay one (1) layer of special Carpet Coat reinforced glass sheet over prepared surface. Lap all joints 2” and cement with Carpet Coat adhesive. Standard roofing felt is not acceptable.
(c) Apply one (1) slurry coat of Carpet Coat job mixed surface over the glass sheet and allow to dry.
(d) Over the entire area, apply one (1) layer of super jute 7½ oz. completely coated with Carpet Coat emulsion. (Burlap will not be acceptable).
(2) **SURFACE COURSE**
A surface course of \( \frac{1}{2} \) nominal thickness shall be constructed on the membrane, using the double straightedge course method.

(a) The mix for the straightedge application shall be a specially designed combination of Carpet Coat solids, plaster or mortar sand, asphalt emulsion, cement or limestone dust and sufficient water to make a workable free flowing mix. Either a concrete or motor mechanical mixer can accomplish mixing.

(b) Material screeds where required shall be placed so that they are not over joints in the base course. The material shall be accurately screeded to grade.

(c) The mix shall be placed, struck off, cured, smoothed and rolled.

(d) Apply smoothing coats of Carpet Coat Refinement Coats to provide a smooth dense surface for the secondary reinforcement layer.

(3) **JOB MIXED CARPET COAT SURFACE W/SECOND REINFORCEMENT LAYER OF JUTE**

*Application:* The surface shall be applied to court surface by pouring from a can or a wheeled container to continuous parallel lines and spreading immediately with a rubber faced squeegee. The squeegee or brooms shall be pulled on an angle from the line and spread so as to continually roll the material toward the operator and not overflow or “spill” on its forward edge away from the operator. After each coat has dried, any ridges shall be removed with scrapers.

Install second reinforcement of super jute between coats. There shall be four (4) or more applications of surfacer, the exact required number of these applications being controlled by the quantity of material herein specified as follows:

The total amount of surfacer shall be not less than fifty (50) gallons per thousand square feet. After the first application of surfacer has dried and been rolled, the entire court surface shall be flooded with water. The outlines of all areas where water stands more than 1/8” deep shall be chalk-marked and filled with Carpet Coat surfacer mix.

(4) **RESURFACER COATS ACRYLIC**

Mix:

- 55 gallons Acrylic Resurfacer
- 880# 60 Mesh Silica Sand
- 20 gallons water approx.

There shall be 2 coats of Acrylic Resurfacer squeegee applied. Total quantities shall be not less than 7 gallons per one thousand square feet per coat.

(5) **FILLED ACRYLIC FINISHED COLORED**

*See Specification 2790 for Asphalt Colorizing.*

(6) **PLAYING LINES (Plexicolor)**

Playing lines shall be accurately located and marked by snapping a chalked line on the court surface. Standard dimensions shall be used. Lines shall be painted with Plexicolor Line Paint and no oil base paint will be permitted.
PART 1 GENERAL

1.1 SECTION INCLUDES
A. Manually operated, surface mounted, front projection screens.

1.2 SUBMITTALS
A. Submit under provisions of Section 01300.
B. [Product Data]: Manufacturer's data sheets on each product to be used, including:
   1. Preparation instructions and recommendations.
   2. Storage and handling requirements and recommendations.
   3. Installation methods.
C. Shop Drawings: Shop drawings showing layout and types of projection screens. Show the following:
   1. Location of screen centerline.
   2. Detailed drawings for mounting.
   3. Connections to suspension systems.
   4. Anchorage details.
   5. Accessories.
   6. Frame details.
D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
E. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.

1.3 QUALITY ASSURANCE
A. Single Source Responsibility: Obtain each type of projection screen required from a single manufacturer as a complete unit, including necessary mounting hardware and accessories.
B. Coordination of Work: Coordinate layout and installation of projection screens with other construction supported by, or penetrating through, ceilings, including light fixtures, HVAC equipment, fire-suppression system, and partitions.

1.4 DELIVERY, STORAGE, AND HANDLING
A. Do not deliver projection screens until building is enclosed and other construction where screens will be installed is substantially complete.
B. Store products in manufacturer's unopened packaging until ready for installation.
C. Protect screens from damage during delivery, handling, storage, and installation.
1.5 COORDINATION
   A. Coordinate work with installation of ceilings, walls, electric service power characteristics, and location.

PART 2 PRODUCTS

2.1 MANUFACTURERS
   A. Acceptable Manufacturers:

   1) Draper, Inc., Tel: 800-238-7999; Tel: 765-987-7999; Email: drapercontract@draperinc.com; Web: www.draperinc.com. Draper Sillhouette / Series M with AutoReturn spring roller, standard size approximately 96”x60”

   2) Da-Lite, Tel: 800-622-3737 Customer Service, Tel: 510-501-1108 Local Sales Consultant, Christine.wakefield@milestone.com, www.milestone.com. Da-Lite B with CSR (Controlled Screen Return), 16:10 Wide Format 92”x57.5”.

   3) Or approved equal.

2.2 MANUALLY OPERATED, SURFACE MOUNTED, FRONT PROJECTION SCREENS
   A. Housing: casing to be metal, surface mounted (at walls for classrooms) with spring rollers.

   B. Controls: to include a lockable, keyed cover; when unlocked controls shall be push-button operation.

   C. Screen: Vinyl / fiberglass (Green Guard certified), matte white with black backing and black border, flame-retardant, mildew-resistant, 1.0 gain, minimum 60-degree half-gain angle. NO GLASS BEADED SCREENS. Standard manufacturer dimensions for images 16:10 aspect ratio; 96”x60” approximate size. Provide additional black drop at the top of screen if required to allow the bottom of the screen to rest 4’-0” above the floor.

   D. Mounting: wall mount sufficiently high to allow full viewable area to be visible when bottom is at 4’-0” above ground. Provide extension brackets to clear projecting obstructions as required.

PART 3 EXECUTION

3.1 EXAMINATION
   A. Do not begin installation until substrates have been properly prepared.

   B. Verify rough-in openings are properly prepared.

   C. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION
   A. Clean surfaces thoroughly prior to installation.

   B. Prepare surfaces using the methods recommended by the manufacturer for...
achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

A. Install in accordance with manufacturer's instructions.

B. Install front projection screens with screen cases in position and relationship to adjoining construction as indicated, securely anchored to supporting substrate, and in manner that produces a smoothly operating screen with plumb and straight vertical edges and plumb and flat viewing surfaces when screen is lowered.

C. Test manually operated units to verify that screen operating components are in optimum functioning condition

3.4 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION
1. PROVIDE LEVER TYPE FAUCET CONTROLS FOR ACCESSIBLE SINKS. ALL CONTROLS TO ALIGN WITHIN FLOOR AREA.

2. PROVIDE INSULATION PADS ON ALL WATER SUPPLY & DRAIN PIPES FOR ACCESSIBLE SINKS.

3. FAUCET CONTROLS & OPERATING MECHANISMS FOR CLASSROOM SINKS SHALL BE OPERABLE W/ ONE HAND & SHALL NOT REQUIRE GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE FAUCET CONTROLS & OPERATING MECHANISMS FOR KITCHEN SINKS SHALL BE NO GREATER THAN 5 PLF. LEVER OPERATED, PUSH TYPE & ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

4. NO SHARP OR ABRASIVE SURFACES BELOW SINK.

1/2" = 1'-0"

TYPICAL ACCESSIBLE CLASSROOM SINK @ CASEWORK

SAN FRANCISCO UNIFIED SCHOOL DISTRICT
ULOA ELEMENTARY SCHOOL

2650 42ND AVENUE, San Francisco, CA 94116

LEVI DESIGN PARTNERS
90 SOUTH PARK / SAN FRANCISCO / CA 94107 / T/ 415.777.0561 F/ 415.777.5117

SFUSD Tracking Number: 11060

DATE: 08-21-12

SCALE: AS NOTED

DWG. REF: A0.03 / P0.01

SK #: 1

ISSUE: ADD. 3
(E) BUILDING
(NO WORK)

(N) BUILDING

PATCH (E) ASPHALT
PAVING THROUGHOUT
(TO EXTENTS OF AREA OF WORK)
16 TYPICAL VERTICAL EXPANSION JOINT

3"-1'-0" NOTE: CORNER CONDITION AT WEST ELEVATION SHOWN. FLAT PARALLEL CONDITION AT EAST ELEVATION OPP. SIM.

CONTINUOUS MOISTURE SEAL
(12V025108)

CONTINUOUS EXTRUDED FLEXIBLE PRIMARY SEAL, COLOR AS SELECTED BY ARCHITECT

EAST ELEVATION CONDITION: WALL RETURNS

APPLY SEALANT PER MFR. IN RECEIVER PRIOR TO INSTALLING PRIMARY SEAL

6" TYP.

1/4"x2 1/2" HEX HD WEDGE BOLT WITH SEALING WASHER

(E) BUILDING

CONTINUOUS PVC SECONDARY SEAL

SEE .20, .30 FOR TYPICAL AND BLIND WALL ASSEMBLY AT THIS LOCATION PER PLANS

LE VY D E S I G N P A R T N E R S
90 SOUTH PARK / S A N F R A N C I S C O / C A 94107 / T/ 415.777.0561 F / 415.777.5117

S A N F R A N C I S C O U N I F I E D S C H O O L D I S T R I C T

ULLOA E L E M E N T A R Y S C H O O L

2650 42ND AVENUE, San Francisco, CA 94116

FACILITIES DEVELOPMENT & MANAGEMENT
135 Van Ness Avenue
San Francisco, California 94102
TEL (415) 355-6937
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SFUSD Tracking Number: 11060

DATE: 08-21-12
SCALE: As Noted
DWG. REF: A9.01
SK #: 6
ISSUE: ADD. 3
ROOF DETAIL @ ELECTRICAL CLOSET

T.O. ROOF
71.22'

3/4"/FOOT SLOPE

1-1/2" ROOF INSULATION OVER VAPOR BARRIER, TURN DOWN OVER FRONT FACE OF WALL OVER BUILDING PAPER

BUILDING PAPER

1/2" PLYWOOD SHEATHING OVER SLOPED BLOCKING

0.20

TOP OF ROOF TO ALIGN WITH FIBER CEMENT BOARD JOINT PER ELEVATIONS.

ALUMINUM FLASHING

STANDING SEAM METAL ROOF

DRAIN/STIFFENER PER ROOFING MFG.