



**CITIZENS' OVERSIGHT  
COMMITTEE MEETING  
NOTICE AND AGENDA**

**June 24, 2020, 6:30 PM**

**Teleconference call only due to  
COVID-19 Stay at Home Restrictions**

**To join the meeting by phone dial +1 414-909-6160 PIN: 892 716 780#**

**To join the meeting by computer, click on the calendar invite on the "Join with Google Meet" text box.**

- I. Call to Order**
- II. Public comment**
- III. Approval of the May 2020 Meeting Minutes**
- IV. Review of TT related Board Reports**
  - **BR1496-F**
  - **BR1497-F**
- V. Board of Education COC Liaison Report**
- VI. Facilities Reports**
  - **Consolidated Budget Status by Funds**
  - **Construction Status Report: May 2020**
  - **Pictures of Facilities Department Partial Active Projects: May-June 2020**
- VII. Next meeting date: July 22, 2020**
- VIII. Adjournment**



Pasadena Unified School District (PUSD)  
CITIZENS' OVERSIGHT COMMITTEE (COC) MEETING  
**Minutes of Meeting held on May 27, 2020**

Meeting was held remotely with Google Meet

- I. Meeting called to order 6:46pm
  - a. Present: John Robinson, Amelia Bradford, David Bell, Eliza Jane Whitman, Kim Kenne, Miguel Perez, Dr. Leslie Barnes and Angela Child.
- II. Public comments
  - a. None
- III. Approval of April 2020 meeting minutes
  - a. Correction – 4. E. change “PHS Identity” instead of “PHS Modernization”
  - b. Approved with correction
- IV. Review of TT related Board Reports
  - a. 1491F – Request for qualification to replace the synthetic fields at John Muir High and Pasadena High. The BR will come back to the COC after the proposals are received with detail about how the project would be funded. Both schools have funds available in Measure TT. A discuss occurred regarding Measure TT can't be used for maintenance so if the field was originally funded by measure TT, it can't be used again to replace the field. Facility staff were going to research and provide determination with synthetic field proposal recommendation.
  - b. 1493F – In the future COC recommends changing language in master contract for future bonds that calculates architect fees for contractor change orders based on work provided vs. flat percentage.
  - c. 1494F – Without the allowance, the change order is more than 10% and needs a board resolution.
  - d. 1495F – The notice of completion is not included in the prepared materials and Facility staff indicated that the notice of completion was not necessary.
- V. Board of Education COC Liaison Report
  - a. Change in personnel expenses from '17-'18 to '18-'19 when COC asked that the time be split between measure TT projects and non-measure TT projects. Legal expenditures have declined from '16-'17 to '17-'18. In '19-'20 projected to come in under the current total personnel expense because not all positions are filled currently. The miscellaneous amount in '19-'20 is the amount not assigned to a potential project and can be moved to a project that is underfunded or used for the remaining timing that will be used until the end of the projects.

VI. Facilities Reports

- a. Consolidated Budget Status by Fund – reviewed. PHS Chiller is in pre-construction until next summer, PHS campus identity is on hold. Kim questioned if all the current staff is needed knowing the project load is currently low.
- b. Review facilities Construction Status Report – reviewed.
- c. Kim asking for a quarterly progress report of DSA closures by Ned as part of the facilities report. Please include status; completed, in progress or still open.
- d. Pictures of Facilities Department Partial Active Projects.

VII. Next Meeting date: June 24<sup>th</sup> 6:30pm

VIII. Adjournment 7:59 pm

DRAFT

**BOARD OF EDUCATION  
PASADENA UNIFIED SCHOOL DISTRICT  
PASADENA, CALIFORNIA**

**Topic:** APPROVAL OF RESOLUTION NO. 2561 AND CHANGE ORDER NO. 4 WITH THE NAZERIAN GROUP FOR THE PASADENA HS GYM & LOCKER ROOM RENOVATION PROJECT AND ACCEPT THE PROJECT AS COMPLETE

**RECOMMENDATION:** The Governing Board of the Pasadena Unified School District approves Resolution No. 2561 and Change Order No. 4 in the amount not to exceed \$555,481.99 with The Nazerian Group for the PHS Gym & Locker Room Renovation Project Bid No. 12-15/16 and to accept the project as complete.

**Anticipated Effect on Student Outcomes:** Provides improvements to school facilities in support of 21st Century learning environments.

**I. BACKGROUND**

On November 16, 2016 The Pasadena Unified School District issued a Notice to Proceed to The Nazerian Group for the Pasadena High School Gym & Locker Room Renovation project Bid No. 12-15/16 in the total amount of \$13,797,123.00. There have been three previous change orders, which increased the contract amount to \$14,931,906.59.

**II. STAFF ANALYSIS**

District staff recommends the approval of Change Order No. 4 with The Nazerian Group for the PHS Gym & Locker Room Renovation Project in the amount not to exceed \$555,481.99. Change Order No.4 will bring the total change order percentage on this project to 12.25%. The new contract price including this change order will be \$15,487,388.58. Please refer to the attached change order No. 4 for an explanation of the items listed by description and value. District staff has determined all of the work for the PHS Gym and locker room renovation project has been performed and recommends that the Board of Education accept the project as complete; and authorizes staff to file a Notice of Completion with the County Clerk's office.

**Attachments:** Resolution No. 2561  
Change Order No. 4

**III. FISCAL IMPACT**

Funds in an amount not to exceed \$555,481.99 are available in the Pasadena High School Priority No.2 Modernize Gymnasium complex TT Account. With this increase, the new balance will be \$656,725.73 in said account as of June 12, 2020.

**Pasadena Unified School District**  
**Board of Education Agenda:** June 25, 2020  
**Submitted by:** Nelson Cayabyab  
Nelson M. Cayabyab, Chief Facilities Officer



**Funding title code:**

Name: Pasadena High School Priority No.2 Modernize Gymnasium complex

String: 21.1-95075.0-00000-85000-6270-0840000

Approved:

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Brian O. McDonald, Ed.D.  
Superintendent

Originator: Nelson M. Cayabyab, Chief Facilities Officer

**RESOLUTION OF THE GOVERNING BOARD OF THE  
PASADENA UNIFIED SCHOOL DISTRICT**

**RESOLUTION FOR APPROVAL OF ADDITIONAL PAYMENT**

**RESOLUTION NO. 2561**

**WHEREAS**, On November 16, 2016 the Governing Board of the Pasadena Unified School District (“District”) previously issued a Notice To Proceed to The Nazerian Group (“Nazerian”) for the Pasadena High School Gym & Locker Room Renovation project (“Project”) Bid No. 12-15/16 in the total amount of \$13,797,123.00;

**WHEREAS**, subsequent to the award of the contract for the Project, it was determined that additional work was necessary on the Project (“Change Order”) including unforeseen conditions and Architect/District scope changes required for design and construction completion and as more fully set forth in Exhibits ‘A’ of three previously approved Board Reports 1301-F dated 5/24/18, 1410-F dated 4/25/19, and 1488-F dated 4/23/20, the sum of which amount to \$1,134,783.59 and are 12.25% of the original contract amount;

**WHEREAS**, subsequent to the approval of the aforementioned Change Orders, it was determined that one additional Change Order was necessary to complete the project to current requirements and as more fully set forth in Exhibit ‘A’;

**WHEREAS**, The Nazerian Group is intimately familiar with the Project and is ready, willing and able to perform the additional work set forth in the Change Order;

**WHEREAS**, the total sum of all Change Orders will now become \$1,690,265.58 12.25% of the original contract amount and which exceeds the limitations set forth in Public Contract Code section 20118.4;

**WHEREAS**, Public Contract Code section 20111(c) and Government Code section 53060 states that the competitive bidding requirements do not apply to professional or special services or advice;

**WHEREAS**, it would be more costly and time-consuming to bid this additional work since it is integral to the Project and the work being performed by The Nazerian Group;

**WHEREAS**, competitive bidding the additional work covered by the Change Order would result in the delay of the completion of the Project;

**WHEREAS**, it would work an incongruity and not produce any advantage to the District to competitively bid the additional work set forth in the Change Order since such competitive bid work could result in multiple contractors being required to perform work more efficiently and effectively performed by The Nazerian Group; and

**WHEREAS, Meakin v. Steveland (1977) 68 Cal.App.3d 490 and Los Angeles Dredging v. Long Beach (1930) 210 Cal. 348 holds that statutes requiring competitive bidding do not apply when competitive bidding would work an incongruity or not produce any advantage.**

**NOW, THEREFORE, BE IT RESOLVED that:**

The Board of Trustee of Pasadena Unified School District hereby declares

**Section 1.** That the above recitals are all true and correct.

**Section 2.** That it would work an incongruity and not produce any advantage to the District to competitively bid the completion of the additional work set forth in the Change Order.

**Section 3.** That the District approves the immediate completion of the additional work stated in the Change Order without competitively bidding such work and approves the District's payment to The Nazerian Group in accordance with the terms and conditions set forth in the Change Order.

**Section 4.** That the completion and approval of the additional work stated in Change Order is necessary to ensure completion of the Project and use of the facilities by students and staff.

**Section 5.** That the Governing Board delegates to its Chief of Facilities authority to execute all agreements and complete all necessary documents for the additional work and to otherwise fulfill the intent of this Resolution.

**Section 6.** That this Resolution shall be effective as of the date of its adoption.

**PASSED, APPROVED, and ADOPTED, this 25<sup>th</sup> day of June, 2020, the board meeting of the Pasadena Unified School District Board of Education, Los Angeles County, California.**

\_\_\_\_\_  
Patrick Cahalan, President

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Scott Phelps, Vice President

\_\_\_\_\_  
Elizabeth Pomeroy, Clerk

\_\_\_\_\_  
Michelle Richardson Bailey, Member

\_\_\_\_\_  
Kimberly Kenne, Member

\_\_\_\_\_  
Lawrence Torres, Member

\_\_\_\_\_  
Roy Boulghourjian, Member

**EXHIBIT “A”**

**[*CHANGE ORDER*]**

# CHANGE ORDER

## Distribution to:

OWNER: ■ Pasadena Unified S.D.  
ARCHITECT: ■ Scott Gaudineer  
Flewelling & Moody  
CONTRACTOR: ■ The Nazerian Group  
INSPECTOR: ■ Donald Blayney

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### PROJECT: Modernization of Gym and Buildings 'R', 'S', and 'T' at

#### **Pasadena High School**

2925 E. Sierra Madre Boulevard

Pasadena, CA 91107

Change Order No.....4

Date: May 8, 2020

District's Project No: 12-15/16

Architect's Project No: 2331.300

DSA Application No: 03-115817

DSA File No: 19-80

Contract Date: July 28, 2016

### TO CONTRACTOR

The Nazerian Group

16218 Ventura Blvd., Suite #7

Encino, CA 91436

**You are directed to make the following changes in this Contract as described in 'ATTACHMENT 'A' on the attached pages for each item description of changes.**

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Not valid until signed by the Owner, Architect and Contractor. Signature of the Contractor indicates his agreement herewith, including any adjustment in Contract Sum or Contract Time.

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The original Contract Sum with Allowance	\$13,797,123.00
Original Allowance in Base Contract was (used previously in CO #1):	\$ 250,000.00
Amount remaining in Allowance to date is:	\$ 0.00
Net Change by previously authorized Change Orders:	\$ 1,134,783.59
The Contract Sum prior to this Change Order was:	\$14,931,906.59
The Contract Sum will be <u>increased</u> by this Change Order amount:	\$ 555,481.99
The new Contract Sum amount is:	\$15,487,388.58
The Contract Time will be <u>increased</u> by [ 0 ] Days per this Change Order.	

### ARCHITECT

**Flewelling & Moody**

815 Colorado Blvd., Suite 200

Los Angeles, CA. 90041



(Signature)

BY Scott Gaudineer, C-14211

DATE 05/29/2020

### CONTRACTOR

**The Nazerian Group**

16218 Ventura Blvd., #7

Encino, CA 91436



(Signature)

BY Vartan "Vic" Nazerian

DATE 05/27/2020

*Authorized:*

### OWNER

**Pasadena Unified School Dist.**

351 South Hudson Avenue

Pasadena, CA 91109



(Signature)

BY Mr. Nelson Cayabyab

DATE \_\_\_\_\_

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**ATTACHMENT 'A'**

**Item No. 1**

Description: Installation of Tectum using Hilti anchors directly into concrete walls. ADD \$17,500.00  
(Reference: CCD 27, COR 34)

Requested by: District

Reason: Field conditions required revisions to attachment method for the tectum acoustic wall panels to concrete walls. Credit was provided for not installing per the original bid documents.

**Item No. 2**

Description: Riser supports for mechanical ducts. ADD \$8,000.00  
(Reference: RFI 126, COR 60)

Requested by: District

Reason: Additional attachments for vertical duct supports required by DSA at 4 locations in Building "R" Gym as required by DSA.

**Item No. 3**

Description: Prep and repair pool equipment room deck slab. ADD \$13,330.80  
(Reference: CCD 14, COR 65)

Requested by: District

Reason: Added scope to repair existing pool machine room damage due to deterioration of existing concrete surfaces and as required by DSA.

**Item No. 4**

Description: Additional work for HVAC duct routing due to field condition. ADD \$4,291.86  
(Reference: CCD 22A-R1, COR 75R2)

Requested by: District

Reason: Per field conditions additional and revised framing were required for new duct routing. Credit was provided for the work on the initial bid documents that was not required.

**Item No. 5**

Description: Credit for item 5 of CCD 31 (steel work only). DEDUCT -\$8,752.00  
(Reference: CCD 31B, COR 76R1)

Requested by: District

Reason: Credit due to plan revisions eliminating the need for the specified work.

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 6**

Description: Add drywall soffit. Included credit for original suspended drywall ceiling and the added cost for additional soffit drop and joint return.  
(Reference: CCD 32R1, COR 84)

ADD \$16,939.00

Requested by: District

Reason: Due to field conditions and height restrictions, additions of soffits were required to cover ductwork at certain locations.

**Item No. 7**

Description: Change wall types and drywall ceilings.  
(Reference: CCD 40, COR 87R)

ADD \$16,400.00

Requested by: District

Reason: Required design revisions due to existing field conditions.

**Item No. 8**

Description: Addition of furred walls W06 and backing for cabinets and lockers, includes credit for drywall ceiling and soffit in entry S102.  
(Reference: CCD 44B, COR 89)

ADD \$38,871.54

Requested by: District

Reason: DSA required additional furred walls at existing brick walls for backing of lockers and cabinets. No direct attachment to brick walls were allowed despite plan approvals indicating as such.

**Item No. 9**

Description: New flooring layout with Mondo roll goods with additional color for school logo.  
(Reference: Field Directive, COR 92R1)

ADD \$12,490.48

Requested by: District

Reason: Better aesthetic design for the floor incorporating school letters and adding more color.

**Item No. 10**

Description: Apply self-adhesive waterproofing membrane with protection board in lieu of specified liquid application per plans.  
(Reference: Field Directive, COR 94)

ADD \$10,000.00

Requested by: District

Reason: Utilization of better water proofing material as requested by District.

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 11**

Description: Revise exterior framing and finishes of lobby S101. ADD \$8,500.00  
(Reference: CCD 42, COR 96)

Requested by: District

Reason: Required design modifications due to existing field conditions.

**Item No. 12**

Description: Install two (2) added door opening and frames. ADD \$1,703.61  
(Reference: CCD 6, COR 106)

Requested by: District

Reason: Required design modifications due to existing field conditions.

**Item No. 13**

Description: AHU-R1 reroute supply and return air duct. ADD \$13,500.00  
(Reference: CCD 22A-R1, COR 116)

Requested by: District

Reason: Required design modifications due to existing field conditions.

**Item No. 14**

Description: Reroute duct at Mezzanine AHU-R2 supply and return air. ADD \$8,000.00  
(Reference: CCD 22A-R1, COR 118)

Requested by: District

Reason: Required design modifications due to existing field conditions.

**Item No. 15**

Description: Mezzanine to reuse existing holes for outside air and relief air. ADD \$2,350.00  
(Reference: CCD 22A-R1, COR 119)

Requested by: District

Reason: Required design modifications due to existing field conditions.

**Item No. 16**

Description: Close existing openings in Mezzanine T-202. ADD \$4,600.00  
(Reference: Field Directive, COR 121)

Requested by: District

Reason: Required design modifications due to existing field conditions.



**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 17**

Description: Fabricate poles from overhead basketball unit due to obstructions in the way. ADD \$1,000.00  
(Reference: Field Directive, COR 123)

Requested by: District

Reason: Required design modifications due to existing field conditions.

**Item No. 18**

Description: Infill frame the concrete opening in the equipment storage room T-111. ADD \$2,257.60  
(Reference: Field Directive, COR 126)

Requested by: District

Reason: Existing opening required infill due to plan revisions.

**Item No. 19**

Description: Plastered walls removed in certain areas and repaired due to excessive moisture and wear/tear. ADD \$15,000.00  
(Reference: Field Directive, COR 136)

Requested by: District

Reason: Existing unforeseen field conditions requiring additional repair.

**Item No. 20**

Description: Due to existing conditions where door jambs were solid grouted and after we removed the door jambs, the openings had to be clipped, widened, and patched in various locations. ADD \$7,400.00  
(Reference: Field Directive, COR 137)

Requested by: District

Reason: Existing unforeseen field conditions requiring additional work.

**Item No. 21**

Description: Install steel columns and headers in room S-125 to reinforce brick wall. ADD \$11,537.71  
(Reference: CCD 40, COR 140)

Requested by: District

Reason: New opening required additional reinforcement due to existing field construction.

**Item No. 22**

Description: Add metal studs at ceiling to reinforce T-Bar ceiling in room R-110B. ADD \$19,000.00  
(Reference: Field Directive, COR 141R1)

Requested by: District

Reason: Work scope was excluded from the initial bid.

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 23**

Description: Install T-Bar and recessed lighting in room S-141  
Pool Office.  
(Reference: CCD 15, COR 142)

ADD \$5,000.00

Requested by: District

Reason: Added scope due to existing field conditions.

**Item No. 24**

Description: Miscellaneous work at weight room to satisfy design  
and DSA requirements.  
(Reference: Field Directive, COR 143R1)

ADD \$18,455.42

Requested by: District

Reason: Added scope due to existing field conditions.

**Item No. 25**

Description: Build soffit at corridor S-123.  
(Reference: Field Directive, COR 145)

ADD \$5,354.95

Requested by: District

Reason: Design revisions due to existing field conditions.

**Item No. 26**

Description: Open and install supports for lockers steel tubes, patch  
and paint at six (6) locations.  
(Reference: Field Directive, COR 151)

ADD \$9,527.40

Requested by: District

Reason: Additional supports installation needed due to unknown  
requirements for single row of lockers installation.

**Item No. 27**

Description: Cap 2" line at ramp 'E' of building 'T'.  
(Reference: Field Directive, COR 153)

ADD \$700.00

Requested by: District

Reason: Existing unforeseen field conditions.

**Item No. 28**

Description: Install fire rated plywood and paint T-104 IDF room.  
Provide power to new IDF location for additional  
IDF per District's direction.  
(Reference: Field Directive, COR 154)

ADD \$1,804.51

Requested by: District

Reason: Added scope per District requirements for added IDF unit.

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 29**

Description: Install three (3) hose bibs on building 'T' exterior, include ADD \$3,000.00  
approximately 80 feet of new 3/4" water and 3/4" copper line.  
(Reference: RFI 393, COR 155R1)

Requested by: District

Reason: Added scope per District's request.

**Item No. 30**

Description: Provide framing for T-bar in room R-201 Mezzanine. ADD \$11,500.00  
(Reference: Field Directive, COR 156)

Requested by: District

Reason: Work scope was excluded from the initial bid.

**Item No. 31**

Description: Install backing for lockers in "Red back panels". ADD \$3,500.00  
(Reference: Field Directive, COR 157)

Requested by: District

Reason: Additional back panel installation needed due to unknown requirements for single row of lockers installation.

**Item No. 32**

Description: Prime and paint inside drywall face at shafts T-103 ADD \$3,108.17  
corner and T-110.  
(Reference: Field Directive, COR 159)

Requested by: District

Reason: Work scope was excluded from the initial bid.

**Item No. 33**

Description: Hang banners in building 'R'. ADD \$5,143.31  
(Reference: Field Directive, COR 160)

Requested by: District

Reason: Existing team banners re-installation was excluded from the initial bid.

**Item No. 34**

Description: Prepare template, furnish and install reinforcement ADD \$24,000.00  
between gym building 'R' 7"x16"x0.5". Remove and reinstall  
tectum as necessary, remove T-bar, patch and frame.  
(Reference: CCD 50, COR 161)

Requested by: District

Reason: Unforeseen field conditions required enlargement of exiting wall openings prompting the need for additional structural supports.

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 35**

Description: Repair building joint between building 'T' and 'S'. At the corner install sheet metal cover and seal. ADD \$6,500.00  
(Reference: Field Directive, COR 162)

Requested by: District

Reason: Unforeseen field condition required design revisions for repair of existing condition.

**Item No. 36**

Description: Repair concrete base at columns at canopy north of building 'R'. ADD \$4,000.00  
(Reference: Field Directive, COR 165)

Requested by: District

Reason: Repairs were required for existing column bases to remain were initially poured monolithically with the existing walkway causing some damage to the bases during demolition of the walkway.

**Item No. 37**

Description: Repair and cleanup for vandalism (2 occasions) at weight room mirrors, broken by locker room fire extinguisher and graffiti, also knocking down pony wall. ADD \$5,300.00  
(Reference: RFI 362, COR 166)

Requested by: District

Reason: Secured construction site was broken into. Some completed work were damaged and had to be redone.

**Item No. 38**

Description: Furnish and install framing and plywood skirts around AHU-1 and AHU-2. ADD \$17,000.00  
(Reference: Field Directive, COR 167)

Requested by: District

Reason: Work scope was excluded from the initial bid.

**Item No. 39**

Description: Grind old tar/leveling compound on gym floor in building 'T'. ADD \$22,000.00  
(Reference: Field Directive, COR 168)

Requested by: District

Reason: Unforeseen field condition under existing gym flooring required modifications.

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 40**

Description: Furnish and install leveling compound to obtain acceptable levels for new floor installation.  
(Reference: Field Directive, COR 169) ADD \$21,000.00

Requested by: District

Reason: Unforeseen field condition under existing gym flooring required modifications.

**Item No. 41**

Description: Provide temporary power to existing IDF cable in building 'R'.  
(Reference: RFI 64, COR 171) ADD \$584.32

Requested by: District

Reason: Work required to keep data connectivity during construction.

**Item No. 42**

Description: Relocate existing light conduit at tectum Gym R-108.  
(Reference: RFI 106, COR 172) ADD \$4,198.44

Requested by: District

Reason: Existing lighting conduits to remain were interfering with new tectum ceiling panel installation and had to be rerouted at some locations.

**Item No. 43**

Description: Bracing for gym light fixtures.  
(Reference: RFI 141R, COR 173) ADD \$2,456.29

Requested by: District

Reason: Existing lighting to remain required additional bracing that was not in the initial scope of work.

**Item No. 44**

Description: Re-feed and provide power to N and S scoreboard / shot clock.  
(Reference: RFI 184, COR 174) ADD \$3,000.00

Requested by: District

Reason: Plans called for one location instead of two for refeeding the existing scoreboards and shot clocks.

**Item No. 45**

Description: Low voltage light switch conduit from existing switch box to LCP.  
(Reference: RFI 191, COR 175) ADD \$2,039.71

Requested by: District

Reason: Unforeseen field conditions. Existing wires could not be pulled and removed from existing conduit to be reused.

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 46**

Description: Provide J-Box and run branch circuits for woman's Facility shower hand dryer S-144.  
(Reference: RFI 195, COR 176) ADD \$1,049.61

Requested by: District

Reason: Work scope was excluded from the initial bid.

**Item No. 47**

Description: Provide ceiling mount occupancy sensor in girls S-131.  
(Reference: RFI 196, COR 177) ADD \$1,406.69

Requested by: District

Reason: Required occupancy sensor was inadvertently excluded from the plans at this location.

**Item No. 48**

Description: Furnish and install 3 phase 20 amp breaker and disconnect for bank 'C' bleacher motor, Gym R108.  
(Reference: RFI 197, COR 178) ADD \$2,800.00

Requested by: District

Reason: Work scope was excluded from the initial bid.

**Item No. 49**

Description: AHU 225 and 175 wire as specified amp breaker/wire  
(Reference: RFI 264, COR 179) ADD \$1,000.00

Requested by: District

Reason: Per existing field conditions different size breaker was required than the one specified. Specified breaker was already provided and installed.

**Item No. 50**

Description: Provide 20A, 125V duplex receptacle at trophy case in Foyer R101.  
(Reference: RFI 270, COR 180) ADD \$1,049.61

Requested by: District

Reason: Work scope was excluded from the initial bid.

**Item No. 51**

Description: Provide GFCI 20A duplex receptacle to panel QC-24 for building 'T' ice machine.  
(Reference: RFI 372, COR 183) ADD \$990.10

Requested by: District

Reason: Work scope was excluded from the initial bid.

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 52**

Description: Provide J-Box and run circuits to QC-26, 28 for hand dryers at restroom T-115 and T-111.  
(Reference: RFI 377, COR 184)

ADD \$1,633.92

Requested by: District

Reason: Work scope was excluded from the initial bid.

**Item No. 53**

Description: Provide and install fire rated pads at lights in building 'T' second floor fire rated ceilings.  
(Reference: RFI 389R2, COR 185)

ADD \$357.08

Requested by: District

Reason: Required ceiling modifications due to existing field conditions prompted revisions to specified light fixtures.

**Item No. 54**

Description: Provide power building 'T' bleacher motor.  
(Reference: RFI 414, COR 186)

ADD \$7,487.88

Requested by: District

Reason: Work scope was excluded from the initial bid.

**Item No. 55**

Description: Extend main feed from building 'S' electrical room to Building 'T' electrical room for speaker pathway that was missing.  
(Reference: RFI 406, COR 187R1)

ADD \$8,407.69

Requested by: District

Reason: Work scope was excluded from the initial bid.

**Item No. 56**

Description: Install one additional dryer at boy's faculty toilet/shower S-106 (old room #) S-104A (new room #) and two at Girl's restroom S-147.  
(Reference: Field Directive, COR 188R1)

ADD \$5,188.54

Requested by: District

Reason: Work scope was excluded from the initial bid.

**Item No. 57**

Description: Provide grounding for existing distribution panel 'Q'.  
(Reference: RFI 397R1, COR 189R1)

ADD \$4,813.37

Requested by: District

Reason: Unforeseen existing condition. Existing electrical panel required proper grounding.

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 58**

Description: Per district direction, fixture type 'V' at display trophy case foyer R-101, lobby and entrance, six lights/housing. (Reference: Field Directive, COR 190R1) **ADD \$3,400.00**

Requested by: District

Reason: Additional light fixtures required due to cabinet divisions.

**Item No. 59**

Description: Per district direction, install Altro Quartz tile in pool storage S-141 and pool office S-142. (Reference: CCD 15, COR 195R1) **ADD \$3,453.67**

Requested by: District

Reason: Design revision due to existing field conditions.

**Item No. 60**

Description: Furnish two additional hand dryers (material only). (Reference: Field Directive, COR 196R1) **ADD \$1,372.07**

Requested by: District

Reason: Design revision due to existing field conditions prompted the need for additional units.

**Item No. 61**

Description: Delete painting of exterior railings. (Reference: Field Directive, COR 198R1) **DEDUCT -\$4,203.00**

Requested by: District

Reason: Value engineering and future maintenance savings.

**Item No. 62**

Description: Two channel 4x5.4 Verco 1½" x 20ga decking four 5/8" dia. Titan anchors. (Reference: RFIs 276 & 234R, COR 199) **ADD \$2,250.00**

Requested by: District

Reason: Existing field conditions required alternate opening location for HVAC equipment installation.

**Item No. 63**

Description: Revised connection of MC12x10.6 to 'E' brick wall due to interference. (Reference: RFIs 214R & 215, COR 200) **ADD \$2,850.27**

Requested by: District

Reason: Existing field condition required alternate attachment to existing masonry wall.



**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 64**

Description: Furnish and install additional 38lf of ramp handrail with wheel guide.  
(Reference: CCD 07-R1, COR 201R1)

ADD \$6,045.02

Requested by: District

Reason: Additional ramp railing required due to redesign of ramp after removal of existing walkway.

**Item No. 65**

Description: Add doors S-115A and S-138A.  
(Reference: REV 01, COR 203)

ADD \$3,980.60

Requested by: District

Reason: Design revision due to existing field conditions.

**Item No. 66**

Description: Doors and hardware for S-125C, S126A, and S-127A.  
(Reference: CCD 40, COR 204)

ADD \$7,183.95

Requested by: District

Reason: Design revision due to existing field conditions.

**Item No. 67**

Description: Add door R116A and associated material per field conditions.  
(Reference: Field Directive, COR 209)

ADD \$2,500.00

Requested by: District

Reason: Design revision due to existing field conditions.

**Item No. 68**

Description: Hardware change, take down one door, install flush bolts and two closers per field conditions.  
(Reference: Field Directive, COR 210)

ADD \$978.81

Requested by: District

Reason: Design revision due to existing field conditions.

**Item No. 69**

Description: Alt – Building 'T', change to continuous hinge per field conditions.  
(Reference: Field Directive, COR 211)

ADD \$2,925.52

Requested by: District

Reason: Design revision due to existing field conditions.

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 70**

Description: Revision to keep electrical room in its original location. DEDUCT -\$35,000.00  
(Reference: CCD 40, COR 214)

Requested by: District

Reason: Value engineering due to existing field conditions.

**Item No. 71**

Description: Furnish and install brass cover-plates, floor sleeves, ADD \$14,618.35  
volleyball court systems, referee stand & pad, and  
storage cart at Bldg. "T" Gym.  
(Reference: Field Directive, COR 215R1)

Requested by: District

Reason: Added work scope.

**Item No. 72**

Description: Roofing product price increase. ADD \$33,461.63  
(Reference: Field Directive, COR 216)

Requested by: District

Reason: Material cost increase.

**Item No. 73**

Description: Install HSS 5"x5" supports at mech. openings Building "T". ADD \$23,895.46  
(Reference: CCD 52, COR 218)

Requested by: District

Reason: Unforeseen field conditions required enlargement of exiting  
wall openings prompting the need for additional structural  
supports.

**Item No. 74**

Description: Add metal studs at ceiling to reinforce T-bar ceiling at ADD \$9,500.00  
Building 'T'.  
(Reference: Field Directive, COR 219)

Requested by: District

Reason: Work scope was excluded from the initial bid.

**Item No. 75**

Description: Per district request, supply entire Schlage cores for ADD \$6,597.78  
the cabinets.  
(Reference: Field Directive, COR 220)

Requested by: District

Reason: Work scope was excluded from the initial bid.

**PASADENA HIGH SCHOOL**  
**Gym Modernization Phase 1 / DSA 03-115817; File No. 19-80 (F&M 2331.300)**  
**CHANGE ORDER #4**

**Item No. 76**

Description: Install old cameras with necessary conduits and  
conductors as requested by district. ADD \$3,208.53  
(Reference: Field Directive, COR 221)

Requested by: District

Reason: Existing cameras removed during demolition process  
require reinstallation.

**Item No. 77**

Description: Credit for reduction in benches in the locker rooms. DEDUCT -\$22,814.28  
(Reference: CCD 36, COR 223)

Requested by: District

Reason: Provide more circulation space between lockers.

**Item No. 78**

Description: Additional existing concrete wall epoxy crack repair. ADD \$50,000.00  
(Reference: Field Directive, COR 170)

Requested by: District

Reason: Additional crack repairs required above contract limits.

**TOTAL CHANGE ORDER AMOUNT: \$555,481.99**  
**Time Extension added to the contract: '0' days**

**END OF DOCUMENT**

**BOARD OF EDUCATION  
PASADENA UNIFIED SCHOOL DISTRICT  
PASADENA, CALIFORNIA**

**Topic:** ADOPTION OF PIGGYBACKABLE CONTRACT FOR THE PURCHASE AND  
INSTALLATION OF PLAYGROUND EQUIPMENT AND DSA SHADE SHELTERS

**RECOMMENDATION:** The Governing Board of the Pasadena Unified School District approves the piggybackable contract for the installation and purchase of playground equipment and shade shelters awarded by Colton Joint Unified School District to Dave Bang Associates, Inc.

**Anticipated Effect on Student Outcomes:** Provides improvements to school facilities in support of 21st Century learning environments.

**I. BACKGROUND**

The procurement of equipment, supplies and other related products will occur during the course of a school year to support student activity and achievement. Pursuant to the provisions set forth in Public Contract Code (PCC) 20118, the Governing Board may authorize the purchase of equipment and supplies bid through a public corporation or agency without advertised bids. This method, known as “piggybacking”, is permitted by law so long as it is used in the best interest of the District.

**II. STAFF ANALYSIS**

During the course of the 2019-20 school year, there are plans to upgrade and replace playground surfacing material and playground equipment. Staff is requesting approval to piggyback on the Colton-Joint Unified School District’s piggybackable contract, Bid #18-02, awarded to Dave Bang Associates, Inc. for the purchase and installation of playground equipment, outdoor site furnishings & DSA shade shelters.

**Attachment:** Bid No. 18-02 Playground Equipment & DSA Shade Shelters.

**III. FISCAL IMPACT**

Budgeted by Facilities/Maintenance & Operations department, as needed.

**Pasadena Unified School District  
Board of Education Agenda:** June 25, 2020  
**Prepared by:** \_\_\_\_\_  
Nelson M. Cayabyab, Chief Facilities Officer

**Funding title code:**

Name: (various) \_\_\_\_\_

String: (various) \_\_\_\_\_

Approved:

---

Brian O. McDonald, Ed.D.  
Superintendent

Originator: Nelson Cayabyab, Chief Facilities Officer

# PUBLIC CONTRACT PURCHASING

**PLAYGROUND EQUIPMENT  
SAFETY SURFACING  
OUTDOOR SITE FURNISHINGS  
DSA SHADE SHELTERS  
ATHLETIC EQUIPMENT**

**dave bang associates, inc.**

1-800-669-2585 Fax 800-729-2483

info@davebang.com

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**BID NUMBER 18-02**

**PLAYGROUND EQUIPMENT & DSA SHADE SHELTERS**

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**COLTON JOINT UNIFIED SCHOOL DISTRICT**

1212 VALENCIA DRIVE, COLTON, CA 92324

**Piggyback Clause:** For the term of the contract and any mutually agreed extensions pursuant to this request for bids, at the option of the vendor, other school districts and community college districts, any public corporation or agency, including any county, city or town in the State of California, may purchase, lease-purchase, the identical item(s) at the same price and upon the same terms and conditions pursuant to Public Contract Code 20118 (K-12) and 20652 (Community Colleges).

The Colton Joint Unified School District waives its right to require such other districts and offices to draw their warrants in the favor of the District as provided in said Code sections.

**Acceptance or rejection of this clause WILL NOT affect the outcome of this bid.**

Piggyback option granted



(please initial)

Piggyback option not granted

\_\_\_\_\_

The undersigned has read all of the conditions, instructions and specifications, is familiar with, understands, and will conform by furnishing and delivering the goods and/or services at the prices quoted above.

# **BID PRICING**

COLTON JOINT UNIFIED SCHOOL DISTRICT  
1212 Valencia Drive  
Colton, CA 92324

PROPOSAL FORM FOR BID #18-02  
PRICING INFORMATION

<u>Item</u>	<u>Quantity</u>	<u>Brand/Model Supplied</u>	<u>Unit Cost</u>	<u>Shipping</u>	<u>Total</u>
1.	1 each	PLAYWORLD # C17398CH (AS SPECIFIED)	\$54,170.00	\$5,900.00	\$60,070.00
2.	1 each	PLAYWORLD # C17399CH (AS SPECIFIED)	\$86,005.00	\$5,150.00	\$91,155.00
3.	1 each	PLAYWORLD # C17127SP (AS SPECIFIED)	\$70,257.00	\$4,750.00	\$75,007.00
4.	1 each	AMERICANA BLDG PRODUCTS ILLINI 10' X 58' 9" ENTRY (AS SPECIFIED) DSA PC# 02-113840	\$25,897.00	\$1,950.00	\$27,847.00

TOTAL BASE BID AMOUNT (Items 1-4)

\$254,079.00

DO NOT INCLUDE SALES TAX OR INSTALLATION ON THE PROPOSAL FORM



**COLTON JOINT UNIFIED SCHOOL DISTRICT**  
**1212 Valencia Drive**  
**Colton, CA 92324**

**PROPOSAL FORM FOR BID #18-02**  
**ADDITIONAL PRICING INFORMATION (cont.)**

**Optional:** Bidders may list percent discounts from their current, general published component pricing catalog for playground equipment, or specified catalogs for their full line of products, if they wish. The District reserves the right to accept or reject any general discount when making any award.

<u>Manufacturer Submitted</u>	<u>% Discount</u>	<u>Shipping</u>	<u>Minimum Freight</u>
PLAYWORLD	17%	< 1,000 LBS \$2.56/LB > 1,000 LBS \$2.15/LB	\$1,000-
		> 2,000 LBS \$1.84/LB > 5,000 LBS \$1.60/LB	
WABASH	15%	< 1,000 LBS \$2.93/LB > 1,000 LBS \$2.45/LB	\$1,000-
		> 2,000 LBS \$2.10/LB > 5,000 LBS \$1.82/LB	
PW ATHLETIC	15%	< 1,000 LBS \$1.75/LB > 1,000 LBS \$1.44/LB	\$1,000-
		> 2,000 LBS \$1.25/LB	
AMERICANABUILDING PROD	5%	\$0.70/LB	\$600-
CUSTOM CANDRIES, INC.	5%	\$0.25/LB	\$400-
URBANSCAPE	10%	< 1,000 LBS \$2.94/LB > 1,000 LBS \$2.45/LB	\$1,000-
ZEAGER BROTHERS	5%	\$800 PER 100 CY	\$1,000-
PRO-TECT TURF	5%	INCLUDED	N/A
TOT TURF	5%	INCLUDED	N/A
ROBERTSON RECREATIONAL SURFACES	5%	\$0.65/LB	\$1,000
GREEN VALLEY	10%	< 1,000 LBS \$2.94/LB > 1,000 LBS \$2.45/LB	\$1,000-
PLAYSIMPLE	5%	< 1,000 LBS \$2.56/LB > 1,000 LBS \$2.15/LB	\$1,000-
LIFE TRAIL	5%	< 1,000 LBS \$2.56/LB > 1,000 LBS \$2.15/LB	\$1,000-
NEOS	5%	< 1,000 LBS \$2.56/LB > 1,000 LBS \$2.15/LB	\$1,000-

**COLTON JOINT UNIFIED SCHOOL DISTRICT**  
**1212 Valencia Drive**  
**Colton, CA 92324**

**PROPOSAL FORM FOR BID #18-02**  
**ADDITIONAL PRICING INFORMATION**

**Optional:** Bidders may list percent discounts from their current, general published component pricing catalog for playground equipment, or specified catalogs for their full line of products, if they wish. The District reserves the right to accept or reject any general discount when making any award.

<u>Manufacturer Submitted</u>	<u>% Discount</u>	<u>Shipping</u>	<u>Minimum Freight</u>
		< 1,000 LBS \$1.75/LB > 1,000 LBS \$1.43/LB > 2,000 LBS \$1.25/LB	
PATTERSON-WILLIAMS	10%		\$1,000-
L.A. STEELCRAFT	10%	\$0.70/LB	\$1,000-
KAY PARK	10%	\$0.70/LB	\$600-
MOST DEPENDABLE FOUNTAINS	5%	\$0.65/LB	\$600-
HAUS	5%	\$0.65/LB	\$600-
STERN WILLIAMS	5%	\$0.65/LB	\$600-
MURDOCK	5%	\$0.65/LB	\$600-
DB RECREATION SERVICES	5%	\$2.56/LB	\$1,000-
SENSEN SWING PRODUCTS	5%	\$0.40/LB	\$400-
CHILD FORMS	5%	\$0.65/LB	\$600-
PLAYWORLD FAMILY OF PRODUCTS	5%	\$2.56/LB	\$1,000-
RECYCLED WOOD PRODUCTS	5%	\$800 PER 100 CY	\$1,000-
ALTESIA SAWDUST PRODUCTS	5%	\$800 PER 100 CY	\$1,000-
SOF' FALL	5%	\$800 PER 100 CY	\$1,000-
SOF' SOLUTIONS	5%	\$0.65/LB	\$600-
NO-FAULT	5%	\$0.65/LB	\$600-

**COLTON JOINT UNIFIED SCHOOL DISTRICT**  
**1212 Valencia Drive**  
**Colton, CA 92324**

**PROPOSAL FORM FOR BID #18-02**  
**ADDITIONAL PRICING INFORMATION (cont.)**

**Optional:** Bidders may list percent discounts from their current, general published component pricing catalog for playground equipment, or specified catalogs for their full line of products, if they wish. The District reserves the right to accept or reject any general discount when making any award.

<u>Manufacturer Submitted</u>	<u>% Discount</u>	<u>Shipping</u>	<u>Minimum Freight</u>
TURBOSCAPE	5%	\$ 25 / cubic ymd	\$ 1,000 -
FLEXGROUND	5%	INCLUDED	N/A
INTERNATIONAL MULCH CO.	5%	\$ 0.50 / LB	\$ 1,000 -
PERCUSSION PLAY	5%	\$ 0.70 / LB	\$ 1,000 -
SOFT SURFACES	5%	\$ 0.65 / LB	\$ 600 -
PETERSEN MFG	5%	\$ 0.70 / LB	\$ 600 -
SPORTSPLAY	5%	\$ 0.70 / LB	\$ 600 -
DOG ON IT PARKS	5%	\$ 0.70 / LB	\$ 1,000 -
MJS	5%	\$ 0.70 / LB	\$ 600 -
FIBERBUILT	5%	\$ 0.70 / LB	\$ 600 -
NORTH COUNTY SUPPLY	5%	\$800 per 100 cy	\$ 1,000 -
TRIACTIVE AMERICA	5%	\$ 0.70 / LB	\$ 1,000 -
RAIN DECK	5%	\$ 0.70 / LB	\$ 1,000 -

# **PIGGYBACK CLAUSE**

COLTON JOINT UNIFIED SCHOOL DISTRICT  
1212 Valencia Drive  
Colton, CA 92324

PROPOSAL FORM FOR BID #18-02  
PIGGYBACK CLAUSE AND SIGNATURE PAGE

**Piggyback Clause:** For the term of the contract and any mutually agreed extensions pursuant to this request for bids, at the option of the vendor, other school districts and community college districts, any public corporation or agency, including any county, city or town in the State of California, may purchase, lease-purchase, the identical item(s) at the same price and upon the same terms and conditions pursuant to Public Contract Code 20118 (K-12) and 20652 (Community Colleges).

The Colton Joint Unified School District waives its right to require such other districts and offices to draw their warrants in the favor of the District as provided in said Code sections.

Acceptance or rejection of this clause WILL NOT affect the outcome of this bid.

Piggyback option granted         *bx*         (please initial)  
Piggyback option not granted                                 

The undersigned has read all of the conditions, instructions and specifications, is familiar with, understands, and will conform by furnishing and delivering the goods and/or services at the prices quoted above.

<u>DAVE BANG ASSOCIATES, INC. OF CA</u>		<u>PO BOX 1088</u>
Name of Company	Address	
<u>TUSTIN, CA 92781</u>	<u>800-669-2585</u>	<u>1 800-729-2483</u>
City, State, Zip Code	Telephone	FAX
<u>795052</u>	<u>1000002974</u>	
CSLB License Number	DIR Registration Number	
<u>N/A</u>	<u>30-60 DAYS</u>	
Cash Discount (if any)	Delivery (in days)	
<u><i>C 7/5</i></u>	<u>ERIC HUBER VICE PRESIDENT</u>	
Signature	Title	

# **MINUTES / ADVERTISING**

# Colton Joint Unified School District

Jerry Almendarez, Superintendent

Dr. Frank Miranda, Assistant Superintendent, Business Services



## Certification of Minutes

The Board of Education of the Colton Joint Unified School District met in Regular Session on Thursday, December 7, 2017, at 6:00 p.m. in the Board Room at 18829 Orange Street, Bloomington, California 92316.

Members Present: 6

Members Absent: 1

### Action Section – Action Items

**Section 6** On motion of Board Member Taylor and Board Member Cenicerros and carried on a 6-0 vote, the Board approved Action Item 6.15 as presented.

**#6.15** **Award of Bid No. 18-02 to Dave Bang Associates for Playground Equipment and DSA Shade Shelters**

I, Dr. Frank Miranda, Assistant Superintendent of Business Services, for the COLTON JOINT UNIFIED SCHOOL DISTRICT, do hereby certify that the above is a true and correct copy of the motion duly made, adopted, and entered on the minutes of the Governing Board of said District.

By: \_\_\_\_\_

December 11, 2017

**Agenda Item Details**

Meeting	Dec 07, 2017 - Board of Education Regular Meeting, Public Hearing, and Re-Organizational Meeting Agenda
Category	6. Action Session - Action Items
Subject	6.15 Award of Bid No. 18-02 to Dave Bang Associates for Playground Equipment and DSA Shade Shelters
Type	Action - Business Services Division
Preferred Date	Dec 07, 2017
Absolute Date	Dec 07, 2017
Budget Source	\$60,000 from the General Fund or Self Insurance Fund 67 as needed
Recommended Action	That the Board award Bid No. 18-02 to the lowest responsible bidder, Dave Bang Associates, Inc., for playground equipment and DSA shade shelters.

Bids for playground equipment and DSA shade shelters were opened on November 17, 2017. The bid was conducted in accordance with Public Contract Code 20111 and advertised in accordance with Public Contract Code 20112. One vendor submitted a bid.

This bid was conducted to meet the needs of the District on an as needed basis. The District currently has fifty-eight separate play equipment areas on our campuses. The main use of this bid will be to maintain the safety of our playground's fall surface material. Properly maintained engineered wood fiber has the highest impact attenuation rating out of all fall surfaces available. Impact attenuation is the ability of a fall surface to absorb and dissipate the impact of a child's fall from play equipment to the safety surface below. Fall surface materials are rated by the Consumer Products Safety Commission (CPSC).

The District will replenish engineered wood fiber fall surface material as needed in play equipment areas in the District. Cost to replenish specific sites varies due to the varying sizes of play areas at each site.

Additionally, this piggybackable bid will be used by school districts and other public agencies throughout the State of California. In the past, public entities throughout the State have relied on the Colton Joint Unified School District piggybackable bid for playground equipment and DSA shade shelters to fulfill their respective needs.



## **BOARD AGENDA**

**REGULAR MEETING**  
**December 7, 2017**

### **ACTION ITEM**

**TO:** **Board of Education**

**PRESENTED BY:** Dr. Frank Miranda, Assistant Superintendent, Business Services Division

**SUBJECT:** **Award of Bid #18-02 to Dave Bang Associates for Playground Equipment and DSA Shade Shelters**

**GOAL:** **Facilities /Budget Planning**

**STRATEGIC PLAN:** Strategy #1 - Communication

**BACKGROUND:** Bids for playground equipment and DSA shade shelters were opened on November 17, 2017. The bid was conducted in accordance with Public Contract Code 20111 and advertised in accordance with Public Contract Code 20112. One vendor submitted a bid.

This bid was conducted to meet the needs of the District on an as needed basis. The District currently has fifty-eight separate play equipment areas on our campuses. The main use of this bid will be to maintain the safety of our playground's fall surface material. Properly maintained engineered wood fiber has the highest impact attenuation rating out of all fall surfaces available. Impact attenuation is the ability of a fall surface to absorb and dissipate the impact of a child's fall from play equipment to the safety surface below. Fall surface materials are rated by the Consumer Products Safety Commission (CPSC).

The District will replenish engineered wood fiber fall surface material as needed in play equipment areas in the District. Cost to replenish specific sites varies due to the varying sizes of play areas at each site.

Additionally, this piggybackable bid will be used by school district and other public agencies throughout the State of California. In the past, public entities up and down the State have relied on the Colton Joint Unified School District piggybackable bid for playground equipment and DSA shade shelters to fulfill their respective needs.

**BUDGET IMPLICATIONS:** \$60,000 from the General Fund or Self Insurance Fund 67 as needed.

**RECOMMENDATION:** That the Board award Bid #18-02 to the lowest responsible bidder, Dave Bang Associates, Inc., for playground equipment and DSA shade shelters, as presented.

**ACTION:**

On motion of Board Member \_\_\_\_\_ and \_\_\_\_\_, the Board awarded Bid #18-02 to the lowest responsible bidder, Dave Bang Associates, Inc., for playground equipment and DSA shade shelters.

**SAN BERNARDINO COUNTY SUN**

This space for filing stamp only

473 E CARNEGIE DR #200, SAN BERNARDINO, CA 92408  
Telephone (909) 889-9666 / Fax (909) 884-2536

DAVID BEESON  
COLTON JOINT UNIFIED SCHOOL DIST.  
1212 VALENCIA DRIVE  
COLTON, CA - 92324

SB #: 3066773

**PROOF OF PUBLICATION**

(2015.5 C.C.P.)

State of California )  
County of SAN BERNARDINO ) ss

Notice Type: BIDS - NOTICE INVITING BIDS-SB

Ad Description:

NOTICE INVITING BIDS Bid #18-02

I am a citizen of the United States and a resident of the State of California; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer and publisher of the SAN BERNARDINO COUNTY SUN, a newspaper published in the English language in the city of SAN BERNARDINO, county of SAN BERNARDINO, and adjudged a newspaper of general circulation as defined by the laws of the State of California by the Superior Court of the County of SAN BERNARDINO, State of California, under date 06/27/1952, Case No. 73081. That the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

11/02/2017, 11/09/2017

Executed on: 11/09/2017  
At Riverside, California

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

  
Signature



**NOTICE INVITING BIDS**  
Notice is hereby given that the Board of Trustees of the Colton Joint Unified School District will receive sealed bids to be delivered to the Purchasing Department, 1212 Valencia Drive, Colton, CA 92324 on or before 10:00 a.m. on November 17, 2017, for Playground Equipment and DSA Shade Shelters in accordance with specifications contained in Bid #18-02, which is available at the above stated address.

The Governing Board of said school district reserves the right to accept or reject any or all bids or parts thereof, to be the sole judge of merits and qualifications of the items or services offered and the ability of the bidder to responsibly perform; to waive any irregularities or informalities in any bid or in the bidding procedure and may accept other than the lowest bid offered.

Dave Beeson  
Purchasing and Warehouse Director  
11/2, 11/9/17

SBS-3066773#

# **BID DOCUMENT**

## NOTICE INVITING BIDS

Notice is hereby given that the Board of Trustees of the Colton Joint Unified School District will receive sealed bids to be delivered to the **Purchasing Department**, 1212 Valencia Drive, Colton, CA 92324 on or before **10:00 a.m.**, on **November 17, 2017**, for **Playground Equipment and DSA Shade Shelters** in accordance with specifications contained in Bid **#18-02**, which is available at the above stated address.

The Governing Board of said school district reserves the right to accept or reject any or all bids or parts thereof, to be the sole judge of merits and qualifications of the items or services offered and the ability of the bidder to responsibly perform; to waive any irregularities or informalities in any bid or in the bidding procedure and may accept other than the lowest bid offered.

*Dave Beeson*

Dave Beeson  
Purchasing and Warehouse Director

To be published on:  
November 2 and  
November 9, 2017.

## General Bid Instructions and Conditions

1. **Preparation of Bid:** Submit bid on District form in a separate sealed envelope with project identification name on the outside. Bid must be returned to the Purchasing Department of the Colton Joint Unified School District on or before the day and hour specified. Faxed bids will not be accepted.
2. **Responsibility:** All bids shall be signed with the firm name and by a responsible officer or employee. It is the sole responsibility of the bidder to see that his bid is received in the Purchasing Department, in proper time. Bids received after this time will be returned unopened.
3. **Corrections:** All prices and notations shall be typewritten or in ink. No erasures will be permitted. Mistakes may be crossed out and corrections made adjacent to the error and shall be initialed in ink by the person signing the bid. Verify bids before submission. Once opened, they cannot be corrected or withdrawn.
4. **Acceptance:** Prices shall be stated in units specified only. Both the unit price and extensions must be shown. In case of a discrepancy between the unit price and extension, the unit price will be considered correct.
5. **Award of Contract:** The District reserves the right to accept or reject any or all bids, to accept or reject any item thereon, to waive any irregularities in the bid or bidding. The District will act as the sole judge of the merit and qualifications of the materials offered and accept whatever bid is deemed to be in the best interest of the District. **The award of the contract, if made by the District, will be to the lowest responsible bidder based on the total base bid amount.**
6. **Brand Name and Number:** Brands of equal make or type which are substantially the same or better than those specified are acceptable. Brands as listed on the bid form are given for descriptive purposes only. The bidder shall state the brand name and number in the column provided. If none is indicated, it shall be understood that the bidder is quoting on the exact brand and number specified in the bid form.

The playground layout shown in the plan view is based upon equipment and measurements from Playworld Systems, with age specific components. Acceptable manufacturer is Playworld Systems or equal. Other products may be considered equal if all of the parameters, specifications and design intent of the drawings are met and the provisions contained in paragraph 7, "Product Substitutions" are met. If the playground equipment bid is based on product other than Playworld Systems and the product is determined by the District to be not equal, the bid will be rejected.

The acceptable manufacturer for shade shelters is American Building Products or equal. Other products may be considered equal if all of the parameters, specifications and design intent of the drawings are met and the provisions contained in paragraph 7,

"Product Substitutions" are met. If the shade shelter bid is based on product other than Americana Building Products and the product is determined by the District to be not equal, the bid will be rejected.

7. **Product Substitutions:** Nothing in this specification is intended to limit competition or to specify a particular manufacturer. Where a manufacturer's name or trade name is specified the intent is to establish quality, specifications or utility of the items desired; and an item of equal quality and meeting equal specification and utility may be substituted subject to the following provisions:

**Playground Equipment** - All substitutions must be reviewed and approved by the District. For this purpose, submit with the bid, in duplicate, a list containing a description of each proposed substitute item or material along with the manufacturer's name, contact and phone number. The list must include a match, item for item, for those listed in the specifications for Playworld Systems in tabular form with a plan view and 3-D view of the layout. Attach to the list sufficient data, drawings, samples, literature or other detailed information that will demonstrate to the District that the proposed substitute is equal in quality, utility and appearance to the material specified. Failure of the bidder to submit proposed substitutions for approval in the manner described above, and with the sealed bid response, shall be sufficient cause for disapproval by the District of any substitutions proposed.

**Shade Shelters** - All substitutions must be reviewed and approved by the District. For this purpose, submit with the bid, in duplicate, a list containing a description of the proposed substitute item or material along with the manufacturer's name, contact and phone number. The list must include a match, item for item, for those listed in the specifications for Americana Building Products in tabular form. Attach to the list sufficient data, drawings, samples, literature or other detailed information that will demonstrate to the District that the proposed substitute is equal in quality, utility and appearance to the material specified. Failure of the bidder to submit proposed substitutions for approval in the manner described above, and with the sealed bid response, shall be sufficient cause for disapproval by the District of any substitutions proposed.

8. **Design and Fabrication:** Playground equipment and modular units submitted for consideration shall be equivalent in design, layout, deck size, post size, clamping/fastening system, deck/slide/climber height, ADA accessibility, appearance, color and construction detail of the playground equipment, structure or modular unit specified in the drawings. Reasonable variations in size/height (no more than +/- 6") and manufacturer's standard colors may be allowed at the District's discretion. Color schemes are to match as closely as possible to the original specified colors. Play value and safety features of components must be equal or superior to specified design as judged by the District. Variations resulting in the reduction of safety will not be considered equal.

9. **Samples:** Samples of items, when required, shall be furnished free of expense to the District, and may be retained by the District for the purpose of comparing against material delivered by the successful bidder. The final decision as to whether the material or product is equal to that specified shall be made by the District.

9. **Hold Harmless Clause:** The supplier shall hold harmless and indemnify the District and the Board of Education, its officers and employees, from every claim or demand which may be made by reason of:

- a. Any injury to person or property sustained by the supplier or by any person, firm, or corporation employed directly or indirectly by him upon or in connection with his performance under the purchase order, however caused.
- b. Any injury to person or property sustained by any person, firm, or corporation, caused by any act, neglect, default, or omission of the supplier or of any person, firm, or corporation, directly or indirectly employed by him upon or in connection with his performance under the purchase order.
- c. Any liability that may arise from the furnishing or use of any copyrighted or uncopyrighted composition, secret process, or patented or unpatented invention, under the purchase order.

10. **Delivery:** The vendor shall be responsible for delivery and shall pay all costs including drayage, freight, and packing, for delivery F.O.B. to the District warehouse or to other points within the Colton Joint Unified School District as may be specified in this bid form. Each item shall be packed and shall be accompanied by a packing list and purchase order number. The right is reserved to reject and return at the risk and expense of the vendor such portion of any shipment which may be defective or fail to comply with specifications, without invalidating the remainder of the order.

11. **Taxes:** INCLUDE California State Sales Tax. DO NOT include Federal Excise Tax as school districts are exempt therefrom.

12. **Discount:** Cash discounts, when stated on the bid, shall be allowed on all payments that are processed by the District with reasonable promptness after acceptance of material and receipt of vendor's invoice in triplicate. Cash discounts for a period of less than thirty (30) days will not be considered in determining low bidder.

13. **Non-Bidders:** If a bid is not made, please notify the District if you wish to remain on the mailing list.

14. **Interpretations of Bid Documents:** All interpretations of the bid conditions and/or specifications shall be made only by written addendum. The District shall not be responsible for any other explanation or interpretation of the bid document.



Requests for interpretations of the bid conditions and/or specifications shall be made to the District no later than four (4) business days prior to the bid opening date.

15. **Safety Regulations:** All equipment and supplies furnished, and/or work performed, shall meet all applicable safety regulations of the Division of Occupational Safety and Health of the State of California and Safety and Health Codes of the State of California. All supplies purchased must conform with Education Code 32060, which restricts the use of toxic supplies requiring that they bear a label informing the user of the presence of hazardous ingredients, the potential health effects, and instructions for safe use. Material Safety Data Sheet must accompany invoice on these items.

16. **Affirmative Action:** The bidder in responding affirms that they are an Equal Opportunity Employer. No discrimination shall be made in the employment of persons upon public works in this project because of the sex, race, color, national origin or ancestry, religion, or handicap of such personnel.

17. **Default by Supplier:** If the supplier fails or neglects to furnish or deliver any of the materials, supplies, or services at the prices stated and in accordance with the terms and conditions of the bid and purchase order, the District may cancel the entire purchase order or any items affected by such default; may procure the articles or services from other sources and may deduct from any unpaid balance due the supplier or collect against the security, excess costs so paid. The prices paid by the District at the time such purchases are made shall be considered the prevailing market prices.

18. **Non-Discrimination:** In response to this bid, the vendor affirms that it is an equal opportunity employer, and does not discriminate in regard to race, color, religion, sex, or national origin.

19. **Pricing – Term of Contract:** Minimum contract term is five (5) years, in accordance with provisions contained in Education Code Sections 17596 (K-12) and 81644 (Community Colleges). Quoted prices for additional equipment must stay in effect for two (2) years after award of bid. A maximum price increase of five percent (5%) per year beginning in year three (3) may be negotiated subject to existing market conditions. In the event of a general price decrease, the District reserves the right to revoke the bid unless the decrease is passed onto the District.

20. **No Minimum or Maximum Quantities, Order Charges, or Limitations Upon Number of Orders:** The District does not guarantee orders in the quantities shown on the bid form, nor shall the District be required to limit its orders to only those figures. **This is an indefinite-quantity bid.** Bidders shall not specify minimum or maximum quantities or charges for specific order types. Unlimited orders within the term of the contract shall be allowed to the awarding district and/or districts represented by this bid at prices quoted.

21. **Piggyback Clause:** For the term of the contract and any mutually agreed extensions pursuant to this request for bids, at the option of the vendor, other school

districts and community college districts, any public corporation or agency, including any county, city or town in the State of California, may purchase or lease-purchase, the identical item(s) at the same price and upon the same terms and conditions pursuant to Public Contract Code 20118 (K-12) and 20652 (Community Colleges).

The Colton Joint Unified School District waives its right to require such other districts and offices to draw their warrants in the favor of the District as provided in said Code sections.

**Acceptance or rejection of this clause **WILL NOT** affect the outcome of this bid.**

22. **Insurance Requirements:** The Contractor shall secure and maintain from an admitted California surety, the minimum amounts of coverage listed below to protect against claims that may arise from operations under the contract, whether such operations are by the Contractor or anyone directly or indirectly employed by them. All Contractors shall have Commercial General Liability (CGL) and Commercial (Business) Automobile Liability (CA or BA). Workers Compensation (WC) shall also be provided unless exempted as outlined below. Under some circumstances, the District may also require Errors and Omissions (E&O), excess, or other coverage whenever exposure warrants, as determined by the District.

Failure to obtain or maintain the required coverage or furnish the required certificates, endorsements, or policies shall constitute a material breach of this agreement and may result in termination of the agreement.

### **Evidence of Insurance**

Satisfactory Evidence of Insurance shall be provided to the District. All Certificates and endorsements shall be signed by an authorized representative of the insurance carrier. The District reserves the right to require the original Certificate(s)/endorsement(s) and/or to require copies of the Contractor's insurance policy(ies).

Insurance Certificates are required to have a 30-day non-renewal/cancellation notice clause and shall include NAMED ADDITIONAL INSURED ENDORSEMENTS as indicated below.

Satisfactory Evidence of Insurance must be submitted and approved by the District prior to providing any product or service covered under this agreement.

### **Additional Insureds**

The CGL and CA/BA policies shall be endorsed to name the following as additional insureds: Colton Joint Unified School District, its directors, officers, employees, volunteers and Board members.

### **Rating of Insurer**

All policies shall be from admitted insurers with an A.M. Best rating of at least A-, VII, or better, except that for W/C coverage, the California State Compensation Insurance Fund (State Fund) is acceptable. The District reserves the right to approve other carriers if found acceptable to the District Department of Risk Management and Health Benefits.

### **Minimum Coverages**

#### **Commercial General Liability (CGL)**

Includes both bodily injury and property damage

\$1,000,000 per occurrence

\$ 100,000 fire damage

\$ 5,000 medical expenses

\$1,000,000 personal and advertisement injury

\$3,000,000 general aggregate\*

\$3,000,000 products/completed operation aggregate

\*\$3,000,000 general aggregate may be waived if the policy is endorsed stating that the \$1,000,000 occurrence applies solely and separately to the Colton Joint Unified School District and the waiver is approved by the Colton Joint Unified School District.

#### **Commercial (Business) Automobile Liability (CA or BA)**

All owned, hired and non-owned vehicles

\$1,000,000 combined single limit

#### **Workers Compensation (WC)**

Part A – Statutory Limits

Part B – Employer's Liability - \$1,000,000/\$1,000,000/\$1,000,000

Exemption: Sole proprietors with no employees are exempt from providing WC coverage. Contractors meeting this exemption requirement must provide the District with evidence of their exemption.

**23. Contractor License Requirements:** All bidders must be registered with the California State Contractors License Board prior to the bid opening. Each bidder must possess a current **Class C-61/D-34 Prefabricated Equipment license**.

Additionally, all bidders must be registered with the California Department of Industrial Relations prior to bid opening in accordance with SB 854.

## **SPECIAL CONDITIONS OR INSTRUCTIONS**

### **BID #18-02**

1. Quantities shown are approximate. The Colton Joint Unified School District does not guarantee them as minimum or maximum quantities to be furnished.
2. All deliveries will be F.O.B. destination. Specific destinations within the District will be noted on individual purchases orders as purchases are made.
3. Initial bid prices must remain in effect for two (2) years from the bid award date. See paragraph 19 of the General Bid Instructions and Conditions regarding pricing.
4. Successful bidder will be required to replace any damaged items before acceptance is made by the District.
5. **Optional:** Where indicated on the bid proposal form, bidders may also list percent discounts from their current, general published component pricing catalog for playground equipment, or specified catalogs for their full line of products, if they wish. The District reserves the right to accept or reject any general discount when making any award.

## PLAYGROUND EQUIPMENT GENERAL SPECIFICATIONS

1. All playground equipment bid must be International Play Equipment Manufacturers Association (IPEMA) certified. In addition, the manufacturers of the play equipment must be members of the International Play Equipment Manufacturer's Association (IPEMA).

**Bidders must submit proof of these requirements with their sealed bid response.**

2. All playground equipment must meet the most current American Society for Testing and Materials (ASTM) standard F1487 and the requirements contained in the Consumer Product Safety Commission (CPSC) Handbook for Public Playground Safety.

**Bidders must submit proof of these requirements with their sealed bid response.**

3. To ensure proven quality control standards, the manufacturer of the play equipment must have ISO 9001 certification.

**Bidders must submit proof of this requirement with their sealed bid response.**

4. All playground designs must meet or exceed the most current American's with Disabilities Act (ADA) "Accessibility Guidelines for Play Areas".

**Bidders must submit proof of this requirement with their sealed bid response.**

5. A minimum warranty as follows must be offered:

Limited Warranty Time Periods

- **LIFETIME** on steel and aluminum posts, stainless steel hardware, clamps, deck hangers, post caps, and cast aluminum parts, except as otherwise specified below.

- **25 YEARS** on Spring Mates® aluminum castings.

- **15 YEARS** on all perforated steel decks and stairs, steel rails, stationary weldments, rotationally-molded and sheet plastic components, recycled plastic lumber, roof panels, stainless steel slides, aluminum slide, and PlayWeb® tubular steel parts, except as otherwise specified below by product family type.

- **10 YEARS** on fiberglass signage, RockBlocks® handholds, accessible swing seats, steel-core cable, all Fun Centers™ and FirstPlay™ play structures, and pre-cast PolyFiberCrete® or reinforced concrete products. The warranty for pre-cast concrete products does not cover minor chips, hairline cracks or efflorescence.

- **5 YEARS** on all PlaySimple® play structures; CushionPlay™; DropZone Tower™; LiveWire Zip Line™; AeroGlider™; Border Timbers™; swing seats; steel coil and C springs; and site amenities including all benches, tables, litter receptacles and bike racks. All motion/moving play components and parts, except as listed below.

- **2 YEARS** on NEOS®, electronic based play products, GardenSoxx® polyethylene bags, swing chain, swing clevises, swing galvanized attachment hardware, and any other materials not covered above. (\*An extended 3-year NEOS parts-only warranty is available for purchase, providing a total coverage of five years.)

**Bidders must submit proof of these warranties with their sealed bid response.**

6. Specifications and site drawings for the playground equipment requested are included with this bid packet for your convenience.
7. Playground equipment shall be Playworld Systems or approved equal.

## PLAYGROUND EQUIPMENT PRODUCT SPECIFICATIONS

1. **Material:** All materials shall have a demonstrated record of durability in the playground or similar outdoor setting. All metals shall be painted, galvanized, or otherwise treated to inhibit rust. Black steel is not acceptable.
2. **Hardware:** All required hardware for assembly of the structure shall be included. All fasteners shall be 18-8 grade stainless steel (300 series) unless otherwise indicated. Capped lock nuts which cover bolts ends shall be included. Tamper resistant hardware is utilized on principle clamping mechanisms. Special tools shall be provided for assembly and maintenance. Physical locking devices are used on all exposed and accessible connection points, such as lock nuts. A nylon threadlocking patch is applied to certain hardware. Liquid thread-lock is also used to hinder fastener removal.
3. **Eco-Armor Coating:** A coated application shall be from 45 to 55 mils on the wear surfaces of all coated parts and 30 mils on other surfaces. Environmentally Sensitive - PVC and phthalate free - Coating is made of an ultraviolet stabilized polyethylene material. Coating meets California, State of Washington and other state and federal requirements for phthalates and heavy metal content. No dioxins produced if burned. Discarded product and waste production material can be recycled into other products (recycling symbol 2). Shall contain no volatile organic compounds (VOC's). Taber abrasion tests (ASTM D4060) show that the PE coating abrasion resistance is over 1.7 times the abrasion resistance of PVC. Durable - Extreme cold (to -20 degrees F) cycle testing indicates no cracking or loss of adhesion to the metal substrate. Slip Resistant – Textured finish for enhanced traction. Coating has 0.74 coefficient of friction per ASTM1679. ADA considers a 0.5 coefficient of friction or higher to be slip resistant.
  - Flexibility (conical mandrel): ASTM D 522-1/8", no cracks (greater than 32%)
  - Adhesion: ASTM D 4541 - 800 psi Impact Resistance - ASTM D 2794 – greater than 320 in-lbs.
  - Gloss - ASTM D 523–12
  - Taber Abrasion: ASTM D 4060-26 (mg loss, CS 17 wheel)
  - Tensile Strength - ASTM D 638-3482 psi
  - % Elongation: ASTM D 638 - 13%
  - Humidity Resistance - ASTM D 2247 - No blistering or loss of gloss after 1000 hours
  - Salt Spray: ASTM B 117 - 2000 hrs, no significant change in color or gloss QUV - ASTM G 53 - 2000hrs, no significant change in color or gloss.
4. **Installation / Maintenance Documentation:** Explicit installation instructions shall be provided which will include a detailed top view and footing drawings plus written instructions to assure proper installation of the equipment. Maintenance guidelines and inspection checklists shall also be provided. The provided

installation instructions and maintenance instructions shall be "project" specific containing component information that is part of the playground design.

5. **Packing List:** All shipments shall include a packing list for each skid/container, specifying the part numbers and quantities on each skid or within each container.
6. **Packaging:** Support posts shall be individually packaged in sturdy, mar-resistant cardboard boxes. Components shall be individually wrapped or bulk wrapped to provide protection during shipment. Small parts and hardware packages will be placed in crates for shipment. Installation instructions shall be packaged within the hardware packages.
7. **Maintenance Kit:** An order-specific maintenance kit shall be provided for each structure order. The kit will include a CD as well as packet with a second set of installation documents and order-specific maintenance documentation with recommendations on how often to inspect, what to look for and what to do to keep the equipment in like-new condition. The kit also includes primer, appropriate color touch-up paint, sandpaper, graffiti remover and additional installation tools and hardware.
8. **PlayPod™/Tag Labels:** Equipment mounted technology containing information relative to that particular product purchase order for equipment manufactured by Playworld Systems, Inc. Information should be instantaneously available utilizing current Smart Phone technology through QR Code reader application. Information will be available for any Smart Phone user including children and caregivers, playground owners and maintenance workers. Technical information will include but be not limited to: date of manufacture, installation instruction(s), component specific details for parts reorder and maintenance schedules. Also included will be the manufacturer's sales order number, drawing number, bill of materials, part numbers and local distributor information. The user will have access to email any of these documents and can email Playworld Systems, Inc. or call Playworld Systems immediately using this technology.
9. **Shade:** The fabric is woven of high density polyethylene monofilament 500 denier yarn that is annealed at 176° F. The weight per square yard is 11 ounces. Break Strength (ASTM D5034) is: Warp 309 lbs, and Weft 352 lbs. Burst Strength (ASTM D3787) is 490 lbs. Elongation compensation (ASTM D1682) is Warp @ 4% Weft @ 6%. Tear strength (ASTM D2261) is Warp 57 lbs Weft 82 lbs. Hydraulic burst (ASTM 3786) is 564 pounds per square inch. Includes Ultra Violet Stabilizers Tinuvin 783 & Irganox B215. Ultra Violet Stability is 10 years. Shade Effect (AS 4174): Angle of Incidence 92% to 94%. Ultraviolet block Angle of Incidence 90% to 92%
10. **Origins™ Boulders and Climbers:** Boulder shall be manufactured with a minimum of 2000 psi polyfibercrete. It shall have 90lbs/cubic feet average density. The use surface is sandblasted to achieve desired texture. The texture



and shape will mimic natural rock formations. Different features and variations in the surface will provide the climbing routes.

**11. Urethane Molded Bumper:** These parts shall be manufactured from TD 172-01B polyurethane. TD 172-01B polyurethane is a tough, abrasion resistant elastomer formulated for hand-batch processing. Excellent physical properties can be obtained with a room temperature cure without the utilization of mercury, MOCA or TDI. TO 172-01B meets the specification for UL 94V2 flame resistance. Cured properties shall be: Hardness (shore A) ASTM D-2240 65 ±5, Tensile Strength (psi) ASTM D-638 1365, Elongation at break ASTM D-638 335%, Tear strength (pli) ASTM D-695 125, Linear Shrink (in./in.) ASTM D-2566 0.002, Specific Gravity (g/cc) 1.06.

**12. Coil Spring:** Shall be manufactured from stainless steel 20 mm diameter wire. Shall have an outside diameter of 180 mm Coil direction shall be right-handed. Complies to ASTM A-227/ A-227M-90 standard specifications for steel wire, cold drawn for mechanical springs.

**13. Rotational Molded Polyethylene:** Shall be rotationally molded from color-compounded, first quality, linear low density, polyethylene. Dry-blended resins are not acceptable. Color-compounded polyethylene is stronger than dry blended resins providing better bonded strength with greater surface contact. Compounded color provides superior colorfastness, UV resistance, and impact resistance with solid color molecules. Polyethylene shall be ultraviolet (UV) stabilized to UV-8 and have anti-static additives. Cross-sectional design shall be .25 in. (6 mm) nominal thickness, double wall construction.

- ASTM Specifications: Melt Index; D-1238: 5.0 – 6.89/10 min<sup>3</sup>
- Material Density; D-1505: .932 – .936 g/cm<sup>3</sup>
- Tensile Strength; D-638: @ yield 2 in. min., 2,200, 2,500 psi.
- Flexural Modulus; D-790: @ 1% secant, 73,000 – 87,200 psi.
- Meets UL94HB Horizontal Burn Test.
- Arm Test for impact strength (@ minus 40°C) (.25 in. thickness). 100 ft./lb.
- UV Exposure (SAE 1960-89) QUV 500 hrs. Delta E less than 2.

**14. Compression Molded Polyethylene:** These parts shall be manufactured from 3/4 high-density polyethylene that has been specially formulated for optimum UV stability and color retention. Products shall meet or exceed density of 960 G/cc per ASTM D1505, tensile strength of 2400 PSI per ASTM D638. Some parts are available in a two-color product with (2) .100" thick exterior layers over a .550" interior core of a contrasting color.

**15. Fiberglass Sign/Panel:** Sign is a solid one-piece panel with all copy and graphics embedded in the panel. Panel is manufactured out of fiberglass-reinforced plastic or equivalent with a nonyellowing, R-70 clear resin (or UV stabilized, acrylicmodified polyester resin) reinforced with high solubility, chopped strand fiberglass mat so that the index of refraction ensures total clarity of color,

copy and graphics. Glass fibers will not be readily discernible on face. Material will have a glass content of no less than 28% of the total weight. Material will have an ambient temperature range of -65 to 350 degrees F. Material will have a min. barcol hardness of 50, tensile strength of 12,000 PSI, compressive strength of 20,000 PSI, and a flexural strength of 18,000 PSI. Minimum impact of the material is 6 ft. LBS. / in. Notch with a fire resistance of 500 degrees F. Material will not be permanently defaced by steam, acids, aromatics, scratching, inks, or paints and will be readily wiped clean with paint remover and solvents without affecting the appearance or legibility of the sign finish or graphics. Material will be opaque or translucent with a semi-gloss or matte finish. Panel edges will not be crazed or cracked, and the edge finish will be smooth, clean, and neat. Panel will be absolutely flat. Material will be warrantied for a period of 10 years against chipping, delaminating, and fading.

**16. Rubber Platform Belting:** Shall be made from styrene butadiene rubber. With 2 piles of polyester reinforcement. A thickness of 0.38 inch. A maximum tension of 220 pounds per inch width or higher. Cover on both side of reinforcement.

**17. Overhead Cables:** 1/4" diameter; type 302 stainless steel; 19 x 7 strand core; performed and lubricated formation; breaking strength of 5700 lbs.: MIL spec: MIL DTL-83140.

**18. Adventure Rope:** Comprised of six-stranded and tempered cable with a polypropylene core. The galvanized steel wire cores of the six strands are inductively fused to polyamide coating.

**19. Super Durable Polyester Powder Coat:** Powder coating is electrostatically applied at a thickness of 2 to 5 mils (.002 - .005). Prior to finishing, components shall be cleaned with a three-stage alkaline bath and followed by a sealer for adhesion and rust inhibitor during the preparation process. Components are thoroughly dried before applying an epoxy/polyester primer. The primer is cured before applying Superdurable TGIC polyester powder. Finish quality conforms to ASTM Specifications:

- Salt Spray Resistance Test; B-117: 4,000 hrs.
- Impact Resistance Test; D-2794: min. 80 inch/lb.
- UV Exposure (G154, 340): 3,000 hr. Delta E of 2, 90% gloss retention
- Pencil Hardness Test; D-3363: 2H
- Crosshatch Adhesion Test; D-3359-B: 100% pass
- Conical Mandrel; D-522: 1/8 inch, no cracks
- Gloss - 60°; D-523:

Super Durable Polyester Powder Coatings typically retain 90% of their original gloss after 1 year, and 50% of their original gloss after five years of Florida outdoor exposure. Expect Superdurable colors to retain 80% of their gloss after 2

years of outdoor exposure. These coatings are also shaded with high grade, light stable pigments and will shift less than 2dE in color after 2 years.

**20. Steel Tubing:** Tubing shall be cold rolled, electric resistance welded tubing. Tubing shall be triple coated for maximum exterior protection: a hot-dipped Flo-CoatR uniform zinc galvanized coating, a chromate conversion coating and a clear polymer coating. Galvanized exterior coating weight shall be within the range of .4 oz./sq. ft. and .6 oz./sq. ft. Tubing shall have corrosion resistant, zinc-rich paint interior coating. ASTM Specifications: A-315, A-500, A-513, E-8.

- tensile strength 55,000 psi, yield strength 50,000 psi 3"x3" sq x 12 gA
- tensile strength 55,000 psi, yield strength 50,000 psi 1.0219" OD x 14 gA
- tensile strength 75,000 psi, yield strength 60,000 psi 1.315" OD x 14 gA
- tensile strength 75,000 psi, yield strength 60,000 psi 2.375" OD x 12 gA

**21. Aluminum Tubing (Support Post and Sleeve):** Shall be extruded 6061-T6 extruded seamless aluminum alloy tubing. ASTM Specifications: A-315, A-500, A-513, B-221, QQ-A-200/8, E-8.

**22. Aluminum Tubing (Arch):** Shall be an all welded assembly fabricated of 6063-T4 extruded seamless aluminum alloy tubing.

**23. Decks / Platforms:** All shall be of modular design and have precision holes on the standing surface to prevent debris and water collection. There shall be slots in each face to accommodate face mounting of components. Decks shall be manufactured from a single piece of low carbon 12 GA (.105) sheet steel conforming to ASTM specification A-569. The sheet shall be perforated with a return flange on the perimeter to provide the reinforcement necessary to ensure structural integrity. There shall be no unsupported area. The unit shall then be EcoArmor coated.

**24. Die Cast Clamps:** Clamps / Castings shall be die cast of high strength 413 aluminum alloy. Tenzalloy (40-E, 315.0) is not acceptable as a load bearing clamp material. Ultimate tensile strength shall be 43 ksi. Clamps shall be provided as hinged assemblies to facilitate structure assembly. Unique S-lap design eliminates all string entanglement points at connection. Single bolt fastening system with built-in threads. Clamp connection disassembly and slippage is eliminated by using drive rivets. Double banded design provides the highest uniform clamping pressure around the entire clamp. Clamp shall be finished with a shot blast, primed with a cathodic epoxy coating conforming to MIL-P-53084 and coated with Super Durable Polyester Powder Coating. ASTM Specification B-85 aluminum alloy die casting.

**25. Cast Aluminum Clamps/Castings:** Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy or A319 aluminum alloy. The ultimate tensile strength

shall range between 18 – 35 ksi. Yield strength shall range between 13 – 23 ksi. ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

**26. Timber, Recycled Plastic:** Shall be fabricated of recycled plastic. Shall be high density polyethylene containing over 90% recycled post-consumer waste by weight. Shall contain UV stabilizers and be color consistent throughout the entire profile. Has exceptional resistance to corrosive substances, oils and fuels, fungi, salt spray, insects, and other environmental stresses. It will not rot, warp, splinter, crack, or absorb moisture. ASTM Specifications: , D-6109 (Elasticity Modulus & Flexural Stress), D-6111 (Density), D-6341 (Thermal Expansion), E-138 (Flash Point / Melt Temperature).

**27. Laminated Bamboo Panel:** Exterior Grade Laminated Bamboo Panel

Compression:

- Parallel To Grain: 13,488 PSI (ASTM 3501-86 A)
- Perpendicular To Grain: 3043 PSI (ASTM 3501-86
- Tensile Strength:
- Parallel To Grain: 21,465 – 55,694 PSI (ASTM 3500-90)
- Perpendicular To Grain: 543 PSI (ASTM 3500-90)

Flexural Strength:

- 12,800 PSI (ASTM D3043)

Shear Strength:

- 2,901 PSI (ASTM D3048)

Modulus Of Elasticity:

- 2.9 E PSI (ASTM D 1037)

Thermal Properties:

- Thermal Conductivity:  $K = (W/M \cdot K (BTU \cdot IN/H \cdot FT^2 \cdot ^\circ F)) = 0.14(0.94)$
- Thermal Resistivity:  $(R) \text{ Value} = (K \cdot M/W (H \cdot FT^2 \cdot ^\circ F / BTU \cdot IN)) = 7.9(1.1)$
- Specific Gravity: 0.60
- Density: 42 LBS. / FT<sup>3</sup>

Dimensional Stability Coefficient:

- Volumetric Stability Factor: 0.00144
- Solid Dimensional Stability At 20% RH – Linear Expansion:
- Parallel -0.04 Percent Average (ASTM D 1037)
- Perpendicular -0.10 Percent Average (ASTM D 1037)
- Thickness Swell: -0.13 Percent Average (ASTM D 1037)

Moisture Content:

- Solid laminated bamboo: 5-9 percent (ASTM D 4442)

Flammability:

- "Class B" (ASTM E 84 Surface Burning)
- 65 – Flame Spread Index Developed
- 68 – Smoke Index Developed

Pest Resistance:

- Termite mortality when tested was 100%.
- Durability against wood destroying fungi is very high.

- Panels are indigestible to insects and micro-organisms and are more durable against decay than any wood product.

## **28. Polycarbonate Panel:**

- Panel shall be made from polycarbonate sheet plastic 0.50 inch (12.7 mm) thick with a minimum allowable tolerance of 0.451 inch (11.45 mm) and a maximum allowable tolerance of 0.585 inch (14.86 mm).
- Panels shall not have distortion in the form of a wrinkle, twist or scallop along the perimeter of the sheet.
- Panel shall have a durable stucco finish with a pebbled texture.
- Panels incorporate ultraviolet stabilization technologies that are proven to maintain aesthetics and performance.

### **Compression Strength:**

- 12,500 PSI (ASTM D695)

### **Tensile Stress:**

- Yield: 9,000 PSI (ASTM D638)
- Break: 9,500 PSI (ASTM D638)

### **Flexural Strength:**

- 13,500 PSI (ASTM D790)

### **Shear Strength:**

- Ultimate: 10,000 PSI (ASTM D732)
- Yield: 6,000 PSI (ASTM D732)

### **8 in. Metal Tubing - 10 ga.**

- Shall be fabricated of 8 in. outside diameter, 10 gauge black steel tubing.
- Tensile strength shall be 71,900 psi.
- Yield strength shall be 54,500 psi.
- Finished with a baked on polyester powder coating.

**29. Activo - Arches and Posts:** Arches & Posts shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. Tubing shall be cold rolled, electric resistance welded tubing. Tubing shall be triple coated for maximum exterior protection: a hot-dipped Flo-Coat uniform zinc galvanized coating, a chromate conversion coating and a clear polymer coating. Galvanized exterior coating weight shall be within the range of .4 oz./sq. ft. and .6 oz./sq. ft. Tubing shall have a corrosion resistant, zinc-rich paint interior coating. ASTM Specifications: A- 315, A-500, A-513, E-8. All support posts shall have a finished grade marker. Tubing shall have the following properties:

- Tensile strength shall be 55,000 psi.
- Yield strength shall be 50,000 psi.
- % Elongation in 2 inches: 25
- Modulus of Elasticity: 25 x 10<sup>6</sup> psi
- Coated with Super Durable Polyester Powder Coating.

**30. Activo Bambino – Arches and Posts:** Arches & Post shall be fabricated of 3-1/2 in. outside diameter, 13 gauge galvanized steel tubing. Tubing shall be cold rolled, electric resistance welded tubing. Tubing shall be triple coated for maximum exterior protection: a hot-dipped Flo-Coat uniform zinc galvanized coating, a chromate conversion coating and a clear polymer coating. Galvanized exterior coating weight shall be within the range of .4 oz./sq. ft. and .6 oz./sq. ft. Tubing shall have a corrosion resistant, zinc-rich paint interior coating. ASTM Specifications: A- 315, A-500, A-513, E-8. All support posts shall have a finished grade marker.

Tubing shall have the following properties:

- Tensile strength shall be 55,000 psi.
- Yield strength shall be 50,000 psi.
- % Elongation in 2 inches: 25
- Modulus of Elasticity: 25 x 10<sup>6</sup> psi
- Coated with Super Durable Polyester Powder Coating.

**31. Playmakers 5" Steel Tubing:** Tubing shall be cold rolled, electric resistance welded tubing. Tubing shall be triple coated for maximum exterior protection: a hot-dipped Flo-Coat uniform zinc galvanized coating, a chromate conversion coating and a clear polymer coating. Galvanized exterior coating weight shall be within the range of .4 oz./sq. ft. and .6 oz./sq. ft. Tubing shall have a corrosion resistant, zinc-rich paint interior coating. ASTM Specifications: A- 315, A-500, A-513, E-8. All support posts shall have a finished grade marker.

Tubing shall have the following properties:

- Tensile strength shall be 55,000 psi.
- Yield strength shall be 50,000 psi.
- % Elongation in 2 inches: 25
- Modulus of Elasticity: 25 x 10<sup>6</sup> psi
- Coated with Super Durable Polyester Powder Coating.

**Aluminum Tubing:** 5" Aluminum Playmaker posts are manufactured from 6005-T5 extruded tubing conforming to ASTM B-221. Tubing shall have a .125 wall thickness and the following properties:

- Tensile strength shall be 38,000 psi.
- Yield strength shall be 35,000 psi.
- % Elongation in 2 inches: 10
- Modulus of Elasticity: 10 x 10<sup>6</sup> psi
- Coated with Super Durable Polyester Powder Coating.

**32. Challengers 3-1/2" Steel Tubing:** Post shall be fabricated of 3-1/2 in. outside diameter, 13 gauge galvanized steel tubing. Tubing shall be cold rolled, electric resistance welded tubing. Tubing shall be triple coated for maximum exterior protection: a hotdipped Flo-Coat uniform zinc galvanized coating, a chromate

# SHADE SHELTER SPECIFICATIONS

Americana Illini 10' x 58' DSA Approved Shade Shelter or approved equal

## I. Shelter Design

- A. The structural design of the components and connections of this shelter are sufficient for eave heights ranging from 7' up to 12' tall.
- B. Required eave height for each site shall be determined by owner.
- C. This shelter has been designed as an open structure. The addition of any enclosure directly attached to the shelter, such as walls, insect mesh, or shade screens, shall be prohibited as increased wind forces may result.

## II. Design and Construction Standards

- A. The design of this structure is in conformance with the following standards and all phases of construction shall be performed in accordance with the following standards:
  - 1. 2013 California Administrative Code (CAC)(Part 1, Title 24, CCR)
  - 2. 2013 California Building Code (CBC). Volumes 1 And 2 (Part 2, Title 24, CCR)(2012 International Building Code With 2013 California Amendments)
  - 3. 2013 California Electrical Code. (Part 3, Title 24, CCR)(2011 National Electrical Code With 2013 California Amendments)
  - 4. 2013 California Mechanical Code (CMC)(Part 4, Title 24, CCR)(2012 Uniform Mechanical Code With 2013 California Amendments)
  - 5. 2013 California Plumbing Code (CPC)(Part 5, Title 24, CCR)(2012 Uniform Plumbing Code With 2013 California Amendments)
  - 6. 2013 California Energy Code (Part 6, Title 24, CCR)
  - 7. 2013 California Fire Code (CFC)(Part 9, Title 24, CCR) (2012 International Fire Code With 2013 California Amendments)
  - 8. 2013 California Green Building Standards Code (Part 11, Title 24, CCR)
  - 9. 2013 California Referenced Standards Code(Part 12, Title 24, CCR)
  - 10. NFPA 13- 2013
  - 11. NFPA 72-2013

## III. Construction Changes

- A. Changes to the approved plans and specifications shall be made by addenda or construction change document approved by the division of the State architect as required by Part 1, Title 24, C.C.R

#### IV. Foundation

- A. The foundation shall rest on sound soil that is free of organic and deleterious materials and capable of supporting 1000 PPSF vertical bearing pressure.
- B. For lateral loading, the foundation has been designed to the minimum lateral bearing value in CBC Table 1806A.2. This is 100 PSF/Ft lateral bearing.
- C. Foundation design shown is based on soil conditions given in notes A and B, above. owner shall verify actual soil conditions at each job site and any required adjustments to the footing design shall be designed by others.

#### V. Concrete

- A. Compression strength of all reinforced concrete shall not be less than 4000 PSI at 28 days.
- B. Reinforcing bars shall be deformed bars conforming to the requirements of minimum ASTM A615 Grade 40 for #4 and smaller bars and Grade 60 for bars larger than #4.
- C. Minimum concrete clear cover for reinforcing bars shall be 3".
- D. A concrete mix design in accordance with CBC Section Chapter 19A shall be performed and stamped by a civil engineer licensed in the State of California. The concrete mix design shall be submitted to the inspector of record prior to construction.
- E. The mix design shall meet the criteria herein and shall be proper for local conditions including, but not limited to, freezing and thawing exposure, chemical and salt exposure, and soil corrosivity where such problems exist.
- F. Non-shrink grout or dry pack shall be a premixed, nonmetallic formula with a minimum compressive strength of 7000 PSI at 28 days and having the following characteristics: no shrinkage after placement or expansion after set (ASTM C1090), one day compressive strength of at least 3000 PSI (ASTM C109) and initial set time of not less than 45 Minutes (ASTM C191). Provide "Hi-flow Grout" or "Dry Pack Grout" by Euclid, or approved equal.

#### VI. Structural Steel

- A. Steel plate shall conform to the requirements of ASTM A36.
- B. Hollow structural sections (HSS) shall conform to the requirements of ASTM A500, Grade B.
- C. All structural steel shall be identified by mill certificate.
- D. High strength bolts (HSB) shall be galvanized and shall conform to the requirements of ASTM A325-N. High strength bolts shall be tightened to a snug tight condition plus an additional half turn.
- E. All high strength bolts shall have certification.
- F. Welding shall conform to the requirements of the American Welding Society's specification for the material being welded. All welding shall be performed by AWS certified welders.



- G. Weld electrodes shall be E70XX and shall conform to the requirements of AWS D.1 .8-6.3 for demand critical welds.
- H. All welding shall be approved by an AWS certified inspector.
- I. Steel framing shall be coated with anti-graffiti polyester TGIC powder coat finish meeting AAMA 2604-02 specifications.
- J. Shop drawings of all structural steel shall be submitted to Hyytinen Engineering for approval prior to fabrication.
- K. All bolt hole diameters shall be equal to the bolt diameter plus 1/16" U.N.O bolt holes for anchor bolts shall be equal to the bolt diameter plus 1/8".
- L. Anchor bolts shall conform to ASTM F1554, Grade 36 and shall be hot dip galvanized.

## VII. Aluminum

- A. Interlocking seam aluminum roof deck shall be roll formed from aluminum alloy 3004-H151 and shall conform to the deck profile shown on the drawings.
- B. Aluminum roof deck shall be coated with heat reflective BASF Ultra Cool Coating or approved equal.
- C. Extruded aluminum ridge cap shall be fabricated from aluminum alloy 6105-T5 and shall conform to the requirements shown on the drawings.
- D. Extruded aluminum fascia shall be fabricated from aluminum alloy 6063-T5. Extruded aluminum gutter shall be fabricated from aluminum alloy 6105-T5. Aluminum components shall conform to the requirements shown on the drawings.
- E. Extruded aluminum ridge cap, gutter, and fascia shall be coated with an anti-graffiti polyester TGIC powder coat finish meeting AAMA 2604-02 specifications

## VIII. Screws

- A. Screws shall be Hilti Kwik-Pro self drilling screws with bond seal washers per ICC ESR-2196 or approved equal.
- B. Screws attaching to steel shall be 12-24 hex washer head (HWH) #5 point screws. Screws attaching to aluminum shall be 8-18 hex washer head (HWH) #2 point screws.
- C. All screws shall be stainless steel or coated with zinc.
- D. The manufacturer shall provide a screw certification letter stating that screws provided match the size and type specified herein. The certification letter shall be submitted to the inspector of record prior to installation.

## IX. Shop Fabrication and Field Assembly

- A. All structural steel and aluminum components shall be shop fabricated so that field assembly of connections can be performed using only bolting and screw placement.

#### X. Special Inspection

- A. The owner shall employ a special inspector to perform inspection of the construction of this part in accordance with the requirements of Chapter 17A of the 2013 California Building Code (Part 2, Title 24, C.C.R) and the Division of State Architect.

#### XI. Fire Life Safety

- A. An automatic fire protection system may be required for this building depending on site specific requirements, where required. The automatic fire protection system shall be designed by others.
- B. The design of this shelter is capable of supporting the weight of a fire sprinkler system (1.5 PSF).
- C. The metal roofing complies with fire classification B. This shelter has not been designed for placement within any fire hazard severity zone.

#### XII. Warranty

- A. Limited lifetime warranty on aluminum against material failure and corrosion.
- B. 25 year limited warranty on steel against material failure and defects.
- C. 5 year limited warranty on powder coating finish.

conversion coating and a clear polymer coating. Galvanized exterior coating weight shall be within the range of .4 oz./sq. ft. and .6 oz./sq. ft. Tubing shall have a corrosion resistant, zincrich paint interior coating. ASTM Specifications: A-315, A-500, A-513, E-8. All support posts shall have a finished grade marker. Tubing shall have the following properties:

- Tensile strength shall be 55,000 psi.
- Yield strength shall be 50,000 psi.
- % Elongation in 2 inches: 25
- Modulus of Elasticity:  $25 \times 10^6$  psi
- Coated with Super Durable Polyester Powder Coating.

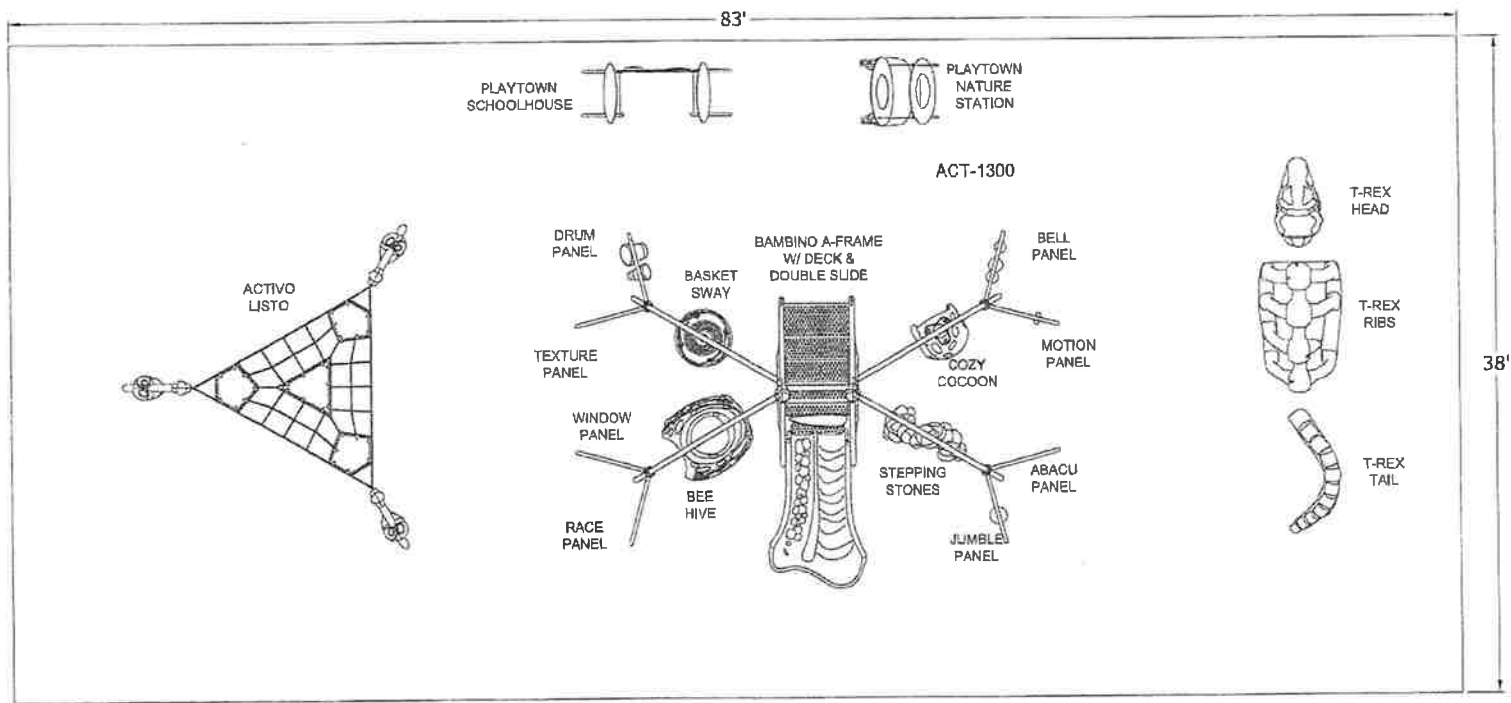
**Bidders must submit proof of matching these specifications with their sealed bid response.**

**COLTON JOINT UNIFIED SCHOOL DISTRICT  
1212 Valencia Drive  
Colton, CA 92324**

**SPECIFIC ITEMS REQUESTED BID #18-02**

<u>Item</u>	<u>Quantity</u>	<u>Brand/Model or equal</u>
1.	1 each	Playworld Systems Model #C17398CH
2.	1 each	Playworld Systems Model #C17399CH
3.	1 each	Playworld Systems Model #C17127SP
4.	1 each	Americana Building Products Illini 10' x 58' DSA Approved Shade Shelter

**DO NOT INCLUDE SALES TAX OR INSTALLATION ON THE PROPOSAL FORM**



**2017 CHALLENGERS**

SITE PLAN

PROJECT NO:  
C17398CH

DATE:  
25-OCT-17

SCALE:  
NTS

DRAWN BY:  
Marilyn Allen

**RECOMMENDED AGES: 2-12 YEARS**  
 PLAY STRUCTURE AND LAYOUT OF THE COMPONENTS  
 CONFORM TO ASTM AND CPSC GUIDELINES AND CCR TITLE 22,  
 DIVISION 4 CHAPTER 22.  
 CRITICAL FALL HEIGHT OF OVERALL PLAY AREA: 66"

TOTAL ELEVATED PLAY COMPONENTS:	1	REQUIRED:	0
TOTAL ELEVATED PLAY COMPONENTS ACCESSIBLE BY RAMP:	0	REQUIRED:	0
TOTAL ELEVATED PLAY COMPONENTS ACCESSIBLE BY TRANSFER:	1	REQUIRED:	0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN:	16	REQUIRED:	0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS OF DIFFERENT TYPES:	6	REQUIRED:	0



**COLTON JOINT USD**  
 KINDERGARTEN/PRESCHOOL

Since 1979  
**dave bang**  
 associates, inc.

## COLTON JOINT USD

Design Number: C17398CH - Compliance and Technical Data

Reference Document: ASTM F1487







Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Consumer Recycled Content (lbs)	Post- Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZXX0068	1	LISTO	Certified	476.81			3,242	8	5.00	0.75	1
2	ZZXX0135	1	ORIGINS T-REX HEAD	Certified	2,500.00			2,922	5	1.00	0.00	1
3	ZZXX0136	1	ORIGINS T-REX RIBS	Certified	2,750.00			5,343	9	1.00	0.00	1
4	ZZXX0137	1	ORIGINS T-REX TAIL	Certified	1,325.00			2,087	5	1.00	0.00	1
5	ZZXX0473	1	PLAYTOWN SCHOOL HOUSE	Certified	398.00			2,195	9	6.50	0.27	12
6	ZZXX0476	1	PLAYTOWN NATURE STATION	Certified	224.74			865	4	4.00	0.18	5
7	ZZAC0035	4	OUTRIGGERS FOR PANELS	Certified	332.16			742	0	5.00	0.24	0
8	ZZAC0036	1	BAMBINO RAINBOW WINDOW PANEL	Certified	28.11			454	2	0.50	0.00	1
9	ZZAC0037	1	BAMBINO BELL PANEL	Certified	35.81			346	2	0.50	0.00	1
10	ZZAC0038	1	BAMBINO DRUM PANEL	Certified	36.35			386	2	0.50	0.00	1
11	ZZAC0039	1	BAMBINO TACTILE PANEL	Certified	26.93			326	2	0.50	0.00	1
12	ZZAC0040	1	BAMBINO CAR RACE PANEL	Certified	28.03			338	2	0.50	0.00	1
13	ZZAC0041	1	BAMBINO COUNTING PANEL	Certified	33.31			439	2	0.50	0.00	1
14	ZZAC0042	1	BAMBINO MOVE-IT PANEL	Certified	37.72			458	2	0.50	0.00	1
15	ZZAC0043	1	BAMBINO JUMBLE PANEL	Certified	41.53			684	2	0.50	0.00	1
16	ZZAC0030	1	BAMBINO A-FRAME	Certified	1,061.23			3,731	6	10.50	0.63	3
17	ZZAC0031	1	BAMBINO ARCH - BEE HIVE	Certified	194.17			1,015	2	3.50	0.25	1
18	ZZAC0032	1	BAMBINO ARCH - STEPPING STONES	Certified	138.67			772	3	3.50	0.25	1
19	ZZAC0033	1	BAMBINO ARCH - COCOON	Certified	217.67			1,309	3	3.00	0.26	1
20	ZZAC0034	1	BAMBINO ARCH - BASKET SWAY	Certified	154.19			878	2	2.00	0.26	1
<b>Totals:</b>					<b>10,040.43</b>	<b>584</b>	<b>839</b>	<b>28,532</b>	<b>72</b>	<b>50.00</b>	<b>3.09</b>	<b>36</b>
					<b>4,518.19 Kg</b>	<b>263 Kg</b>	<b>378 Kg</b>	<b>29 Metric Tons</b>			<b>2.35 m3</b>	



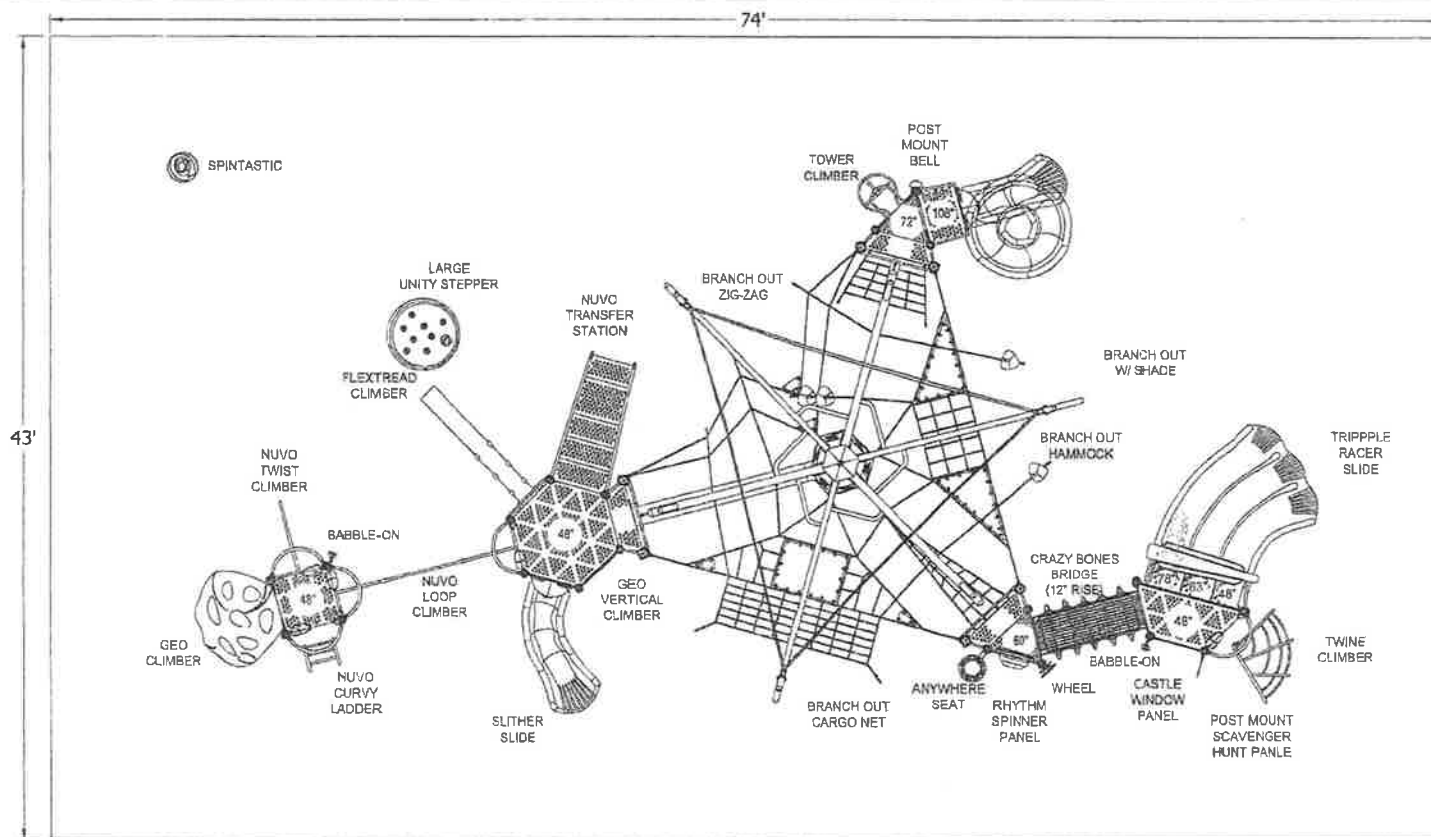
# COLTON JOINT USD

Design Number: C17398CH - Compliance and Technical Data

Reference Document: ASTM F1487

Ref.	Unit	Total	Pre-Consumer	Post-Consumer	CO2e	Install	Concrete	Active
No. Part No. Qty. Description	ASTM Status	Weight (lbs)	Recycled Content (lbs)	Recycled Content (lbs)	Footprint (kgs)	Users Hours	(Yds3)	Play Events
<p> <b>ASTM F1487</b></p> <p>The lay-out for this custom playscape, design number C17398CH, has been configured to meet the requirements of the ASTM F1487 standard. In addition, each of the above components listed as "Certified" have been tested and are IPEMA certified. Components listed as "Not Applicable" do not fall within the scope of the ASTM F1487 standard and have not been tested. IPEMA certification can be verified on the IPEMA website, <a href="http://www.ipema.org">www.ipema.org</a>. In the interest of playground safety, IPEMA provides a Third Party Certification Service which validates compliance.</p>								
<p> <b>2010 ADA Standards for Accessible Design</b></p> <p>The lay-out was also designed to meet the 2010 Standards published 15-Sep-2010, by the Department of Justice when installed over a properly maintained surfacing material that is in compliance with ASTM F1951 "Accessibility of Surface Systems Under and Around Playground Equipment" as well as ASTM F1292, "Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment", appropriate for the fall height of the structure.</p>								
<p> <b>Installation Times</b></p> <p>Installation times are based on one experienced installer. A crew of three experienced individuals can perform the installation within the given time, each member working 1/3 of the given hours. [Eg. Installation Time = 30 hours. For a crew of three, each member will work 10 hours on the installation for a total of 30 hours on the project.]</p>								
<p> <b>Carbon Footprint</b></p> <p>The CO2e (carbon footprint given in Kilograms and Metric Tons) listed above is a measure of the environmental impact this play structure represents from harvesting raw materials to the time it leaves our shipping dock. Playworld Systems nurtures a total corporate culture that is focused on eliminating carbon producing processes and products, reducing our use of precious raw materials, reusing materials whenever possible and recycling materials at every opportunity. Playworld Systems elected to adopt the Publicly Available Specification; PAS 2050 as published by the British Standards Institute and sponsored by Defra and the Carbon Trust. The PAS 2050 has gained international acceptance as a specification that measures the greenhouse gas emissions in services and goods throughout their entire life cycle.</p>								
<p> <b>Pre-Consumer Recycle Content</b></p> <p>A measurement, in pounds, that qualifies the amount of material that was captured as waste and diverted from landfill during an initial manufacturing process and is being redirected to a separate manufacturing process to become a different product. E.g. 100% of our Aluminum Tubing is made from captured waste material during the manufacturing process of extruded Aluminum products such as rods, flat bars and H-channels.</p>								
<p> <b>Post-Consumer Recycle Content</b></p> <p>A measurement, in pounds, that qualifies the amount of material that was once another product that has completed its lifecycle and has been diverted from a landfill as a solid waste through recycling and is now being used in a Playworld Systems' product. E.g. **20% to 40% of the steel in our steel tubing and sheet steel have been diverted from landfills. Automobiles are scrapped and recyclable steel is purchased by the steel mill that produces our raw product.</p> <p>** The amount of Post-Consumer recycled steel fluctuates daily based on the availability of the recycled steel.</p>								





RECOMMENDED AGES: 5-12 YEARS  
 PLAY STRUCTURE AND LAYOUT OF THE COMPONENTS  
 CONFORM TO ASTM AND CPSC GUIDELINES AND CCR TITLE 22,  
 DIVISION 4 CHAPTER 22.  
 CRITICAL FALL HEIGHT OF OVERALL PLAY AREA: 108"

TOTAL ELEVATED PLAY COMPONENTS: 18  
 TOTAL ELEVATED PLAY COMPONENTS ACCESSIBLE BY RAMP: 0  
 TOTAL ELEVATED PLAY COMPONENTS ACCESSIBLE BY TRANSFER: 17  
 TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN: 6  
 TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS OF DIFFERENT TYPES: 4

REQUIRED: 0  
 REQUIRED: 6  
 REQUIRED: 6  
 REQUIRED: 3



## 2017 CHALLENGERS

### SITE PLAN

PROJECT NO:  
C17399CH

DATE:  
25-OCT-17

SCALE:  
NTS

DRAWN BY:  
Marilyn Allen



**COLTON JOINT USD**  
 PRIMARY YARD

Since 1979  
**dave bang**  
 associates, inc.



## COLTON JOINT USD

Design Number: C17399CH - Compliance and Technical Data

Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Consumer Recycled Content (lbs)	Post- Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZXX0132	1	SPINTASTIC	Certified	54.02			402	2	0.50	0.10	1
2	ZZCH0028	5	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	217.55			293	0	5.00	0.63	0
3	ZZCH0038	11	3.5in OD x 148in STEEL POST W/ RIVETED CAP	Certified	518.21			696	0	11.00	1.38	0
4	ZZCH0048	1	3.5in OD x 160in STEEL POST W/ RIVETED CAP	Certified	50.21			68	0	1.00	0.13	0
5	ZZCH0058	1	3.5in OD x 172in STEEL POST W/RIVETED CAP	Certified	52.01			73	0	1.00	0.13	0
6	ZZCH0076	2	3.5in OD x 200in STEEL POST W/RIVETED CAP	Certified	122.02			168	0	2.00	0.25	0
7	ZZPM0036GZ	2	5in OD X 144in STEEL POST (GROUND ZERO)	Certified	160.82			235	0	3.00	0.36	0
8	ZZPM0047GZ	2	5in x 156in GROUND ZERO POST - w/ CAP	Certified	180.86			253	0	2.00	0.36	0
9	ZZPM0056GZ	2	5in OD X 168in STEEL POST W/ CAP (GROUND ZERO)	Certified	194.02			271	0	2.00	0.36	0
10	ZZCH0616	1	SQUARE COATED DECK ASSEMBLY	Certified	54.86			174	3	1.00	0.00	0
11	ZZCH0617	2	TRIANGULAR COATED DECK ASSEMBLY	Certified	59.80			240	4	2.00	0.00	0
12	zzCH0619	1	FULL HEX COATED DECK ASSEMBLY	Certified	151.26			444	6	1.50	0.00	0
13	ZZCH0637	1	1/2 HEX COATED DECK W/O CENTER POST ASSEMBLY	Certified	76.86			235	3	1.00	0.00	0
14	ZZUN2290	3	COATED DECK TO DECK CONNECTION KIT	Certified	0.87			11	0	1.50	0.00	0
15	ZZUN5898	3	CH/PM CONVERSION PLATFORM	Certified	178.35			674	3	6.00	0.00	0
16	ZZCH0678	1	NUVO- 48in TRANSFER STATION	Certified	299.54			563	3	3.50	0.12	0
17	ZZCH1374	1	TRIPPPLE RACER SLIDE	Certified	757.46			2,103	6	6.50	0.09	1
18	ZZCH3206	1	SLITHER SLIDE 2.0 ENTRANCE & EXIT	Certified	85.37			424	2	2.00	0.03	1
19	ZZCH3216	1	SLITHER SLIDE 2.0 BALCONY ENTRY/EXIT	Certified	162.06			633	2	2.50	0.03	1
20	ZZUN3207	1	SLITHER SLIDE 2.0 (STRAIGHT SECTION)	Certified	19.59			128	0	0.25	0.00	0
21	ZZUN3209	2	SLITHER SLIDE 2.0 (LEFT SECTION)	Certified	39.18			267	0	0.50	0.00	0
22	ZZUN3217	3	SLITHER SLIDE 2.0 (RIGHT 120° SECTION)	Certified	125.04			695	0	0.75	0.00	0



## COLTON JOINT USD

Design Number: C17399CH - Compliance and Technical Data

Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Consumer Recycled Content (lbs)	Post- Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
23	ZZUN3247	1	SLITHER SLIDE 2.0 SUPPORT LEG 5ft-6in	Certified	19.41			70	0	0.25	0.03	0
24	ZZUN3256	1	SLITHER SLIDE 2.0 SUPPORT LEG 2ft-6in	Certified	12.81			59	0	0.25	0.03	0
25	ZZCH4290	1	POST MOUNTED STEERING WHEEL	Certified	7.83			44	1	0.25	0.00	1
26	ZZCH4578	1	ANYWHERE SEAT	Certified	31.10			90	1	0.25	0.00	1
27	ZZCH4648	1	POST MOUNT SCAVENGER HUNT	Certified	15.86			264	3	2.00	0.00	1
28	ZZCH6776	1	RHYTHM SPINNER (DECK MOUNT)	Certified	51.60			1,518	2	1.50	0.00	1
29	ZZCH8498	1	CASTLE WINDOW BARRIER (DECK) W/OUT PANEL TOP	Certified	31.83			267	4	0.50	0.00	1
30	ZZCH6210	1	36 in DECK TO DECK CLIMBER	Certified	75.84			153	1	1.00	0.00	1
31	ZZCH6756	1	4ft GEO CLIMBER	Certified	114.52			528	2	2.00	0.09	1
32	ZZCH6957	1	NUVO LOOP CLIMBER	Certified	157.88			1,047	2	2.00	0.00	1
33	ZZCH6996	1	GEO VERTICAL CLIMBER (48in DK)	Certified	57.76			217	1	1.00	0.00	1
34	ZZCH7038	1	60in TWINE CLIMBER	Certified	90.17			401	1	4.00	0.12	1
35	ZZCH7047	1	48in TWIST CLIMBER	Certified	96.81			598	1	1.50	0.03	1
36	ZZCH7057	1	48in CURVY CLIMBER	Certified	73.10			464	1	2.00	0.06	1
37	ZZCH7168	1	6ft TOWER CLIMBER	Certified	100.77			242	2	2.00	0.06	1
38	ZZCH8266	1	48in SINGLE FLEX TREAD	Certified	118.67			615	2	3.00	0.06	1
39	ZZCH8346	1	SPINE CLIMBER TO TRIPPLE RACER SLIDE	Certified	50.76			200	2	1.00	0.03	1
40	ZZUN5890	1	BRANCH OUT TRUNK W/ FABRIC SHADE	Certified	2,454.21			9,446	14	32.00	5.35	6
41	ZZUN7896	1	BRANCH OUT HAMMOCK	Certified	122.56			2,637	8	3.00	0.28	1
42	ZZUN7897	1	BRANCH OUT CARGO NET	Certified	143.08			2,502	6	3.50	0.42	1
43	ZZUN7898	1	BRANCH OUT ZIG-ZAG	Certified	112.97			1,415	6	4.00	0.56	1
44	ZZUN7133	1	UNITY STEPPER - LARGE	Certified	128.05			342	4	2.00	0.00	1
45	ZZCH6478	1	CRAZY BONES 6ft x 1ft RISE BRIDGE	Certified	292.40			1,964	2	4.00	0.00	1
46	ZZCH4467	1	GROUND TO GROUND BABBLE-ON	Certified	43.15			240	2	1.50	0.00	1
47	ZZCH4557	1	8in BELL (POST MOUNT)	Certified	5.15			44	1	0.25	0.00	1
<b>Totals:</b>					<b>7,968.25</b>	<b>1,163</b>	<b>2,291</b>	<b>34,413</b>	<b>103</b>	<b>131.25</b>	<b>11.07</b>	<b>32</b>



## COLTON JOINT USD

Design Number: C17399CH - Compliance and Technical Data

Reference Document: ASTM F1487







Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Consumer Recycled Content (lbs)	Post- Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
					3,585.71 Kg	523 Kg	1,031 Kg	34	Metric Tons		8.41 m3	



## COLTON JOINT USD

Design Number: C17399CH - Compliance and Technical Data

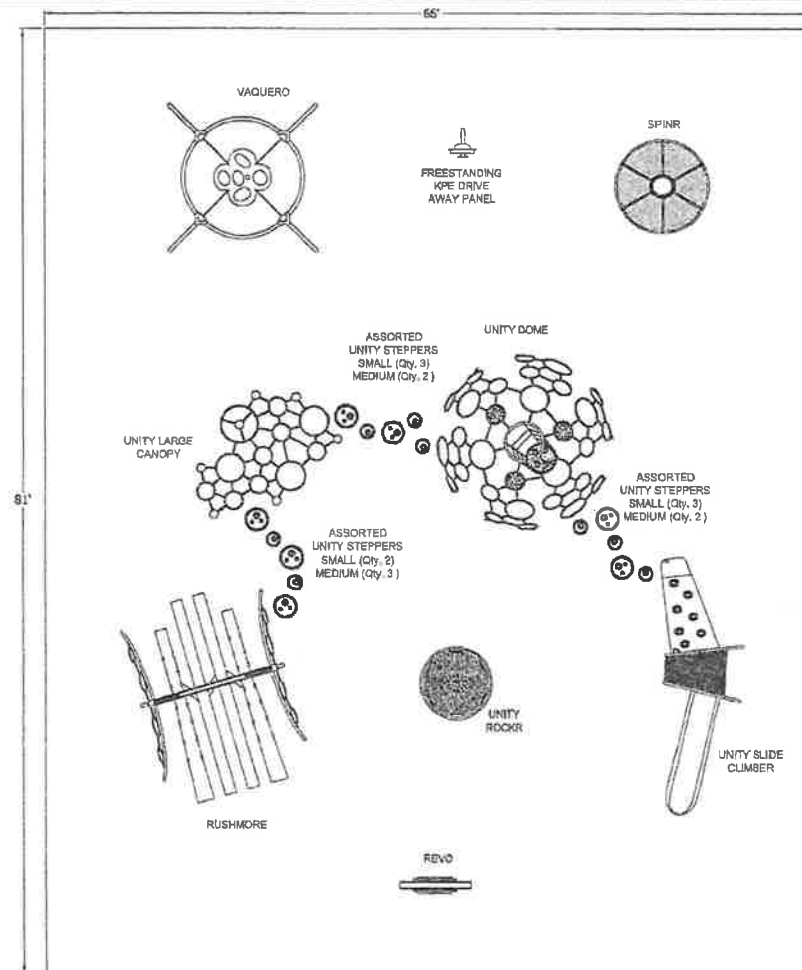
Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Consumer Recycled Content (lbs)	Post- Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
	<b>ASTM F1487</b>											
	The lay-out for this custom playscape, design number C17399CH, has been configured to meet the requirements of the ASTM F1487 standard. In addition, each of the above components listed as "Certified" have been tested and are IPEMA certified. Components listed as "Not Applicable" do not fall within the scope of the ASTM F1487 standard and have not been tested. IPEMA certification can be verified on the IPEMA website, <a href="http://www.ipema.org">www.ipema.org</a> . In the interest of playground safety, IPEMA provides a Third Party Certification Service which validates compliance.											
	<b>2010 ADA Standards for Accessible Design</b>											
	The lay-out was also designed to meet the 2010 Standards published 15-Sep-2010, by the Department of Justice when installed over a properly maintained surfacing material that is in compliance with ASTM F1951 "Accessibility of Surface Systems Under and Around Playground Equipment" as well as ASTM F1292, "Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment", appropriate for the fall height of the structure.											
	<b>Installation Times</b>											
	Installation times are based on one experienced installer. A crew of three experienced individuals can perform the installation within the given time, each member working 1/3 of the given hours. [Eg. Installation Time = 30 hours. For a crew of three, each member will work 10 hours on the installation for a total of 30 hours on the project.]											
	<b>Carbon Footprint</b>											
	The CO2e (carbon footprint given in Kilograms and Metric Tons) listed above is a measure of the environmental impact this play structure represents from harvesting raw materials to the time it leaves our shipping dock. Playworld Systems nurtures a total corporate culture that is focused on eliminating carbon producing processes and products, reducing our use of precious raw materials, reusing materials whenever possible and recycling materials at every opportunity. Playworld Systems elected to adopt the Publicly Available Specification; PAS 2050 as published by the British Standards Institute and sponsored by Defra and the Carbon Trust. The PAS 2050 has gained international acceptance as a specification that measures the greenhouse gas emissions in services and goods throughout their entire life cycle.											
	<b>Pre-Consumer Recycle Content</b>											
	A measurement, in pounds, that qualifies the amount of material that was captured as waste and diverted from landfill during an initial manufacturing process and is being redirected to a separate manufacturing process to become a different product. E.g. 100% of our Aluminum Tubing is made from captured waste material during the manufacturing process of extruded Aluminum products such as rods, flat bars and H-channels.											
	<b>Post-Consumer Recycle Content</b>											
	A measurement, in pounds, that qualifies the amount of material that was once another product that has completed its lifecycle and has been diverted from a landfill as a solid waste through recycling and is now being used in a Playworld Systems' product. E.g. **20% to 40% of the steel in our steel tubing and sheet steel have been diverted from landfills. Automobiles are scrapped and recyclable steel is purchased by the steel mill that produces our raw product.											
	** The amount of Post-Consumer recycled steel fluctuates daily based on the availability of the recycled steel.											



RECOMMENDED AGES: 5-12 YEARS  
 PLAY STRUCTURE AND LAYOUT OF THE COMPONENTS  
 CONFORM TO ASTM AND CPSC GUIDELINES AND CCR  
 TITLE 22, DIVISION 4 CHAPTER 22.  
 CRITICAL FALL HEIGHT OF OVERALL PLAY AREA: 103"

TOTAL ELEVATED PLAY COMPONENTS:	0	REQUIRED:	0
TOTAL ELEVATED PLAY COMPONENTS ACCESSIBLE BY RAMP:	0	REQUIRED:	0
TOTAL ELEVATED PLAY COMPONENTS ACCESSIBLE BY TRANSFER:	0	REQUIRED:	0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN:	24	REQUIRED:	0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS OF DIFFERENT TYPES:	9	REQUIRED:	0



## 2017 SITE PLAN

### SITE PLAN

PROJECT NO:  
C17127SP

DATE:  
25-OCT-17

SCALE:  
NTS

DRAWN BY:  
Marilyn Allen

**PLAYWORLD**

**COLTON JOINT USD**  
 INTERMEDIATE YARD

Since 1979  
**dave bang**  
 associates, inc.

## COLTON JOINT USD

Design Number: C17127SP - Compliance and Technical Data

Reference Document: ASTM F1487







Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Consumer Recycled Content (lbs)	Post- Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZXX0129	1	FREE-STANDING DRIVE AWAY PANEL	Certified	83.65			1,246	2	1.00	0.13	1
2	ZZXX0149	1	VAQUERO	Certified	533.00			1,809	6	8.00	0.65	1
3	ZZXX0183	1	UNITY RUSHMORE	Certified	1,170.18			7,319	18	28.00	1.32	1
4	ZZXX0187	1	UNITY LARGE OVERHEAD CANOPY	Certified	608.08			1,212	13	9.50	0.84	1
5	ZZXX0193	1	UNITY ROCKR	N/A	498.42			1,380	6	4.00	0.18	1
6	ZZXX0346	1	UNITY SLIDE CLIMBER	Certified	892.51			3,422	10	12.00	0.00	1
7	ZZXX0347	1	UNITY SPINR- W/O ACCESSIBLE SEATS (IN-GROUND)	N/A	861.55			3,212	10	4.50	0.29	1
8	ZZXX0366	1	UNITY DOME	Certified	600.17			2,878	17	20.00	1.80	1
9	ZZUN7136	8	UNITY STEPPER - SMALL	Certified	239.76			551	8	8.00	1.04	8
10	ZZUN7137	7	UNITY STEPPER - MEDIUM	Certified	382.97			1,015	7	7.00	0.91	7
11	ZZXX0081	1	REVO	Certified	294.68			2,444	2	2.00	0.26	1
<b>Totals:</b>					<b>6,164.97</b>	<b>821</b>	<b>1,647</b>	<b>26,487</b>	<b>99</b>	<b>104.00</b>	<b>7.42</b>	<b>24</b>
					<b>2,774.24 Kg</b>	<b>369 Kg</b>	<b>741 Kg</b>	<b>26 Metric Tons</b>			<b>5.64 m3</b>	



## COLTON JOINT USD

Design Number: C17127SP - Compliance and Technical Data

Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Consumer Recycled Content (lbs)	Post- Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
	<b>ASTM F1487</b>											
	The lay-out for this custom playscape, design number C17127SP, has been configured to meet the requirements of the ASTM F1487 standard. In addition, each of the above components listed as "Certified" have been tested and are IPEMA certified. Components listed as "Not Applicable" do not fall within the scope of the ASTM F1487 standard and have not been tested. IPEMA certification can be verified on the IPEMA website, <a href="http://www.ipema.org">www.ipema.org</a> . In the interest of playground safety, IPEMA provides a Third Party Certification Service which validates compliance.											
	<b>2010 ADA Standards for Accessible Design</b>											
	The lay-out was also designed to meet the 2010 Standards published 15-Sep-2010, by the Department of Justice when installed over a properly maintained surfacing material that is in compliance with ASTM F1951 "Accessibility of Surface Systems Under and Around Playground Equipment" as well as ASTM F1292, "Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment", appropriate for the fall height of the structure.											
	<b>Installation Times</b>											
	Installation times are based on one experienced installer. A crew of three experienced individuals can perform the installation within the given time, each member working 1/3 of the given hours. [Eg. Installation Time = 30 hours. For a crew of three, each member will work 10 hours on the installation for a total of 30 hours on the project.]											
	<b>Carbon Footprint</b>											
	The CO2e (carbon footprint given in Kilograms and Metric Tons) listed above is a measure of the environmental impact this play structure represents from harvesting raw materials to the time it leaves our shipping dock. Playworld Systems nurtures a total corporate culture that is focused on eliminating carbon producing processes and products, reducing our use of precious raw materials, reusing materials whenever possible and recycling materials at every opportunity. Playworld Systems elected to adopt the Publicly Available Specification; PAS 2050 as published by the British Standards Institute and sponsored by Defra and the Carbon Trust. The PAS 2050 has gained international acceptance as a specification that measures the greenhouse gas emissions in services and goods throughout their entire life cycle.											
	<b>Pre-Consumer Recycle Content</b>											
	A measurement, in pounds, that qualifies the amount of material that was captured as waste and diverted from landfill during an initial manufacturing process and is being redirected to a separate manufacturing process to become a different product. E.g. 100% of our Aluminum Tubing is made from captured waste material during the manufacturing process of extruded Aluminum products such as rods, flat bars and H-channels.											
	<b>Post-Consumer Recycle Content</b>											
	A measurement, in pounds, that qualifies the amount of material that was once another product that has completed its lifecycle and has been diverted from a landfill as a solid waste through recycling and is now being used in a Playworld Systems' product. E.g. **20% to 40% of the steel in our steel tubing and sheet steel have been diverted from landfills. Automobiles are scrapped and recyclable steel is purchased by the steel mill that produces our raw product.											
	** The amount of Post-Consumer recycled steel fluctuates daily based on the availability of the recycled steel.											



NOTE: THE EXAMPLE FORM DSA-103 SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECT SPECIFIC FORM DSA-103'S. A FORM DSA-103 IS TO BE COMPLETED FOR EACH APPLICATION THAT 7.15 PC IS BEING INCORPORATED INTO AND THE EXAMPLE FORM DSA-103 IS TO BE CROSSED OUT ON THIS DRAWING.

TEST OR SPECIAL ASPECT(S):

1	State agency (NC) inspection: Genetically Modified Report - Form DSA-202
2	At Bioscience Training Laboratory: Written Report - Form DSA-201
3	Conduct the State Plant Inspection: Annual inspection: Written Report - Form DSA-203
4	HS Best Practice Inspection: Special inspection: Written Report - Form DSA-204

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DESCRIPTION	DESIGN VALUES
DEAD AND LIVE (KIPS)	
ROADWAY LOAD (S)	2.197
ROADWAY LOAD (S)	1.967

FL 000 DESGH	
FL000H2V4NNA	10

ETHNIC DESIGN	
TRANSFORMATIVE, RACIAL JUSTICE SYSTEM	IT'S GROWING AGAINST RESISTANCE POWER
CONSTRUCTIVE, RACIAL JUSTICE SYSTEM	IT'S GROWING AGAINST RESISTANCE POWER

BUILDING DATA

CONSTRUCTION MANAGEMENT	THREE
DEVELOPMENT CAMPUS	64
NEW GYMNASIUM	5
NEW STUDENT STORES	1
NEW STUDENT RECEPTION	2
NEW STUDENT	25

1. PERTITLE 24, PART 1, SECTION 4-318(e) OF THE CALIFORNIA CODE OF REGULATIONS THIS NOTICE SHALL BE GIVEN TO DSA PRIOR TO THE APPROVAL OF PLANS AND SPECIFICATIONS.

- 

ENTER DESIGN

A. THE STRUCTURAL DESIGN OF THE COMPONENTS AND CONNECTIONS ON THIS SHEET ARE  
SUFFICIENT FOR WAVE HEIGHTS RANGING FROM 7 UP TO 12 FEET.

B. REQUIRED EAVE HEIGHT FOR EACH SITE SHALL BE DETERMINED BY OWNER.

C. THE SHEET PILING IS DESIGNED AS AN OPEN STRUCTURE. THE LOCATION OF ANY ENCLOSURE DIRECTLY  
ATTACHED TO THE SHEET PILING SHALL BE VALUED. PROJECT WINDS ON BEACON COASTLINE SHALL BE PROVIDED AS  
WEATHERED WIND FORCES MAY BE RESULT.

DESIGN AND CONSTRUCTION BY JAMES J. ...

THE DESIGN OF THE COMPONENTS AND CONNECTIONS ON THIS SHEET ARE SUFFICIENT FOR WAVE HEIGHTS RANGING FROM 7 UP TO 12 FEET.

- FOUNDATION**
- THE FOUNDATION SHALL REST ON BEDROCK THAT IS FREE OF ORGANIC AND DETRITUS-LIKE MATERIALS AND CAPABLE OF SUPPORTING 1200 PSF VERTICAL BEARING PRESSURE.
  - FOR LATERAL LOADS, THE FOUNDATION HAS BEEN DESIGNED TO THE MAXIMUM LATERAL BEARING VALUE IN GRC TABLE 1204.2. THERE IS NO PROVEN LATERAL BEARING.
  - FOUNDATION DESIGN SHOWN IS BASED ON SOIL CONDITIONS GIVEN BY NOTES A AND B. OWNER SHALL VERIFY

- STRUCTURAL STEEL
- A STEEL PLATE SHALL CONFORM TO THE REQUIREMENTS OF AISC 360
  - B NON-ION STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36
  - C ALL STRUCTURAL STEEL SHALL BE COATED BY MEANS OF GALVANIZING

- YR. ALUMINUM
- A. INTERLOCKING BEAM ALUMINUM REEF DESK BARS. BE BUILT FORMED FROM ALUMINUM ALLOY 3004-H14 AND SPALL CONFORM TO THE DESK PROFILE SHOWN ON THE DRAWINGS
- B. ALUMINUM REEF DESK BARS. BE CASTED WITH HEAT REFLECTIVE, GLOSS, ULTRA-COOL COATINGS OR APPROVED EQUIV.
- C. SCHEDULED ALUMINUM REEF DESK BARS. BE CASTED WITH HEAT REFLECTIVE, GLOSS, ULTRA-COOL COATINGS OR APPROVED EQUIV.

14. SPECIAL INSPECTION  
A. THE OWNER SHALL EMPLOY A NATIONAL INSPECTOR TO PERFORM INSPECTION OF THE CONSTRUCTION OF THE

- \_\_\_\_\_

TO BE COMPLETED PRIOR TO PLAN CHECK SUBMITTAL.

QUANTITY OF SHEET PILES AT THIS SITE	_____
OVERALL LENGTH OF PILES (IN FT) MAX. 120 FT MAX	_____
SHEET PILE SPACING (IN FT) MAX. 12 FT MAX	_____

SHEET INDEX

IT.0	F.LINISH SHELTER DESIGN NOTES, EXAMPLE FORM DSA 100
IT.1	F.LINISH SHELTER PLANS, SECTIONS AND DETAILS

- \_\_\_\_\_

CODE:2013 CBC

5415 Longway Lane, Suite B  
Clerks, Maryland 20719  
(703) 526-3318 (ext. 204)



PC

1-800-445-4445 WWW.AMCCO.COM

EXAMPLE

SHEET TITLE  
 DESIGN NOT

7/21/11  
Billie  
NOTED  
44-1a  
T.O









## Consolidated Budget Status by Fund

Budget status summary by Fund (thru 06/08/2020)

## Budget vs. Commitments and Expenditures by Fund

Reconciliation Always in Progress

School Name - Project Name/Cost Group/Object Code	21.1 - GOB (Measure TT Series A)			Fund 21.1 Analysis
	Budget	Commitments	Expenditures	UnCommitted Available Balance
Altadena Elementary School - COMPLETE: Addition of 3 Shade Structures (95022.0)	90,186.68	90,186.68	90,186.68	-
Altadena Elementary School - COMPLETE: Measure T E-Rate (95180.0)	88,087.51	88,087.51	88,087.51	-
Altadena Elementary School - Modernization Project (95068.0)	10,342,012.76	10,313,786.61	10,313,786.61	28,226.15
<b>ALTADENA ELEM. TOTAL</b>	<b>10,520,286.95</b>	<b>10,492,060.80</b>	<b>10,492,060.80</b>	<b>28,226.15</b>
Aveson Charter School (Noyes) - COMPLETE: Portable N Demolition Project (95029.0)	30,654.02	30,654.02	30,654.02	-
<b>AVESON (NOYES) TOTAL</b>	<b>30,654.02</b>	<b>30,654.02</b>	<b>30,654.02</b>	<b>-</b>
Blair High School - COMPLETE: Blair Middle School Campus (95001.0)	13,875,222.99	13,875,222.99	13,875,222.99	-
<b>BLAIR MIDDLE TOTAL</b>	<b>13,875,222.99</b>	<b>13,875,222.99</b>	<b>13,875,222.99</b>	<b>-</b>
Blair High School - 04A Modernization of Main Building (95056.0)	30,428,843.23	30,008,922.73	29,852,041.46	419,920.50
BLAIR HS - Blair HS Site Access Improvement (ADA) (95056.1)	120,713.13	120,713.13	51,285.26	-
Blair High School - 04b Track and Field (95005.0)	135,031.06	82,877.06	82,877.06	52,154.00
Blair High School - COMPLETE: Measure T E-Rate (95180.0)	428,676.92	428,676.92	428,676.92	-
Blair High School - COMPLETE: PROJECT CNLD - New 9th Grade Classroom	1,146,779.48	1,146,779.48	1,146,779.48	-
<b>BLAIR HIGH SCHOOL TOTAL</b>	<b>32,260,043.82</b>	<b>31,787,969.32</b>	<b>31,561,660.18</b>	<b>472,074.50</b>
Burbank Elementary School - COMPLETE: Electrical Panel Upgrade (95064.0)	87,602.70	87,602.70	87,602.70	-
Burbank Elementary School - COMPLETE: Renovation of Hodges (old 95140.0 merged)	253,584.22	253,584.22	253,584.22	-
Burbank Elementary School - Lunch Shelter/Renovation (95131.0)	988,622.24	908,582.71	908,082.71	80,039.53
<b>BURBANK ELEM. TOTAL</b>	<b>1,329,809.16</b>	<b>1,249,769.63</b>	<b>1,249,269.63</b>	<b>80,039.53</b>
Career Technical - Career Technical Education Projects (95145.0)	2,682,999.99	2,682,999.99	2,682,999.99	-
Career Technical - COMPLETE: CTE KLRN TV (95145.0)	100,507.35	100,507.35	100,507.35	-
<b>CAREER TECHNICAL TOTAL</b>	<b>2,783,507.34</b>	<b>2,783,507.34</b>	<b>2,783,507.34</b>	<b>-</b>
Central Kitchen - COMPLETE: Culinary Academy/Kitchen Construction (9	1,238,928.12	1,238,928.12	1,238,928.12	-
<b>CENTRAL KITCHEN TOTAL</b>	<b>1,238,928.12</b>	<b>1,238,928.12</b>	<b>1,238,928.12</b>	<b>-</b>
Cleveland Elementary School - COMPLETE: Measure T E-Rate (95180.0)	113,292.17	113,292.17	113,292.17	-
Cleveland Elementary School - COMPLETE: New Classroom Wing (95031.0)	4,594,036.57	4,594,036.57	4,594,036.57	-
Cleveland Elementary School - Modernize Kitchen (95121.0)	109,335.22	109,335.22	109,335.22	-
Cleveland Elementary School - Student Safety Wall & Flooring Padding	8,506.22	8,506.22	8,506.22	-
<b>CLEVELAND ELEM. TOTAL</b>	<b>4,825,170.18</b>	<b>4,825,170.18</b>	<b>4,825,170.18</b>	<b>-</b>



## Consolidated Budget Status by Fund

Budget status summary by Fund (thru 06/08/2020)

## Budget vs. Commitments and Expenditures by Fund

Reconciliation Always in Progress

School Name - Project Name/Cost Group/Object Code	21.1 - GOB (Measure TT Series A)			Fund 21.1 Analysis UnCommitted Available Balance
	Budget	Commitments	Expenditures	
<b>District Service Center - Facilities Administration (95000.0)</b>				
	16,772,110.33	15,573,867.33	14,944,617.24	1,198,243.00
<b>DSC FACILITIES ADMIN TOTAL</b>	16,772,110.33	15,573,867.33	14,944,617.24	1,198,243.00
<b>District-Wide - COMPLETE: Bogen Clock Speaker System (95032.0)</b>				
	1,436,404.96	1,436,404.96	1,436,404.96	-
<b>District-Wide - COMPLETE: Energy Conservation Measures (95019.0)</b>				
	4,993,051.65	4,993,051.65	4,993,051.65	-
<b>District-Wide - COMPLETE: Exterior Improvements (95036.0)</b>				
	33,772.42	33,772.42	33,772.42	-
<b>District-Wide - COMPLETE: Technology Modifications (95144.0)</b>				
	3,075,433.52	3,075,433.52	3,075,433.52	-
<b>District-Wide - District-Wide I.T. Wireless Access Upgrade</b>				
	3,000,000.00	3,000,000.00	2,527,826.73	-
<b>District-Wide - DW - PRI 0 - Roofing (95135.0)</b>				
	391,831.00	391,831.00	391,831.00	-
<b>District-Wide - DW - PRI 0 - Windows (95136.0)</b>				
	116,236.06	116,236.06	116,236.06	-
<b>DISTRICT-WIDE PROJECTS</b>	13,046,729.61	13,046,729.61	12,574,556.34	-
<b>Don Benito Elementary School - 11 HVAC and Kitchen (95146.0)</b>				
	301,432.51	296,432.51	263,321.51	5,000.00
<b>Don Benito Elementary School - COMPLETE: Measure T E-Rate (95180.0)</b>				
	147,678.83	147,678.83	147,678.83	-
<b>Don Benito Elementary School - COMPLETE: Playground Structures (95043.0)</b>				
	173,442.14	173,442.14	173,442.14	-
<b>Don Benito Elementary School - Interim Housing (95181.0)</b>				
	397,778.50	397,778.50	397,778.50	-
<b>Don Benito Elementary School - New Admin Bldg (95097.0)</b>				
	833,678.13	790,568.13	790,568.13	43,110.00
<b>DON BENITO ELEM. TOTAL</b>	1,854,010.11	1,805,900.11	1,772,789.11	48,110.00
<b>Edison Elementary School - Edison ADA Upgrades (95143.0)</b>				
	43,940.00	43,940.00	43,940.00	-
<b>EDISON ELEMENTARY TOTAL</b>	43,940.00	43,940.00	43,940.00	-
<b>Eliot Middle School - 08 HVAC Upgrades (95146.0)</b>				
	828,426.72	828,426.72	828,426.72	-
<b>ELIOT MS CHILLED WATER PIPING CORR (95146.1) - ELIOT MS CHILLED WATER PIPING CORR (95146.1)</b>				
	89,231.00	89,230.41	89,230.41	0.59
<b>Eliot Middle School - Auditorium/Cafe Modernization (95015.0)</b>				
	7,781,210.38	7,721,216.29	7,698,881.29	59,994.09
<b>Eliot Middle School - COMPLETE: Career Technical Education (95145.0)</b>				
	29,260.74	29,260.74	29,260.74	-
<b>Eliot Middle School - COMPLETE: Field Bleacher Replacement &amp; ADA Upgrade</b>				
	92,834.58	92,834.58	92,834.58	-
<b>Eliot Middle School - COMPLETE: Kitchen Modernization (95147.0)</b>				
	6,000.00	6,000.00	6,000.00	-
<b>Eliot Middle School - COMPLETE: Lunch Shelter (95034.0)</b>				
	616,601.79	616,601.79	616,601.79	-
<b>Eliot Middle School - COMPLETE: Measure T E-Rate (95180.0)</b>				
	255,191.62	255,191.62	255,191.62	-
<b>ELIOT MIDDLE TOTAL</b>	9,698,756.83	9,638,762.15	9,616,427.15	59,994.68



## Consolidated Budget Status by Fund

Budget status summary by Fund (thru 06/08/2020)

## Budget vs. Commitments and Expenditures by Fund

Reconciliation Always in Progress

School Name - Project Name/Cost Group/Object Code	21.1 - GOB (Measure TT Series A)			Fund 21.1 Analysis
	Budget	Commitments	Expenditures	UnCommitted Available Balance
Field Elementary School - COMPLETE: Measure T E-Rate (95180.0)	113,292.18	113,292.18	113,292.18	-
Field Elementary School - COMPLETE: Water Meter Separation (95106.0)	39,013.00	39,013.00	39,013.00	-
Field Elementary School - FIELD - Playground (95069.1)	377,131.00	333,100.89	238,151.29	44,030.11
Field Elementary School - Modernization (95069.0)	3,537,948.37	3,537,937.40	3,537,937.40	10.97
<b>FIELD ELEMENTARY TOTAL</b>	<b>4,067,384.55</b>	<b>4,023,343.47</b>	<b>3,928,393.87</b>	<b>44,041.08</b>
Franklin Elementary School - COMPLETE: Measure T E-Rate (95180.0)	172,885.61	172,885.61	172,885.61	-
Franklin Elementary School - COMPLETE: New Library/Shade Structure (95035.0)	593,077.61	593,077.61	593,077.61	-
Franklin Elementary School - Modernize Cafe/MPR/Windows (95066.0)	2,156,809.23	2,156,636.51	2,156,636.51	172.72
<b>FRANKLIN ELEM. TOTAL</b>	<b>2,922,772.45</b>	<b>2,922,599.73</b>	<b>2,922,599.73</b>	<b>172.72</b>
Hamilton Elementary School - COMPLETE: Measure T E-Rate (95180.0)	138,498.94	138,498.94	138,498.94	-
Hamilton Elementary School - COMPLETE: Water Meter Separation (95149.0)	56,828.16	56,828.16	56,828.16	-
Hamilton Elementary School - Modernization MPR/Café (95071.0)	4,473,370.83	4,472,485.79	4,467,879.18	885.04
<b>HAMILTON ELEM. TOTAL</b>	<b>4,668,697.93</b>	<b>4,667,812.89</b>	<b>4,663,206.28</b>	<b>885.04</b>
Jackson Elementary School - 13 Modernization / Parking Lot (95052.0)	4,673,944.43	4,663,386.80	4,661,307.80	10,557.63
Jackson Elementary School - COMPLETE: Measure T E-Rate (95180.0)	130,486.57	130,486.57	130,486.57	-
Jackson Elementary School - COMPLETE: Phase I Completed Projects (95020.0 / 95	192,367.95	192,367.95	192,367.95	-
<b>JACKSON ELEM. TOTAL</b>	<b>4,996,798.95</b>	<b>4,986,241.32</b>	<b>4,984,162.32</b>	<b>10,557.63</b>
Jefferson Elementary School - COMPLETE: Measure T E-Rate (95180.0)	156,860.82	156,860.82	156,860.82	-
Jefferson Elementary School - Modernization (95079.0)	911,596.69	911,595.69	911,595.69	1.00
Jefferson Elementary School - New Child Care Center (95073.0)	332,170.84	332,170.84	332,170.84	-
<b>JEFFERSON ELEM. TOTAL</b>	<b>1,400,628.35</b>	<b>1,400,627.35</b>	<b>1,400,627.35</b>	<b>1.00</b>
John Muir High School - 03a Modernization, Abatement & Kitchen (95051.0)	30,980,312.52	30,006,702.72	29,954,131.75	973,609.80
John Muir High School - 03b Black Box Theater Project (95183.0)	3,713,816.89	3,690,813.44	3,690,813.44	23,003.45
John Muir High School - 03c Bldg D Accessibility (95812.0)	356,725.69	347,709.63	339,417.00	9,016.06
John Muir High School - COMPLETE: Artificial Surface Field & Track (95004.	1,518,979.69	1,518,979.69	1,518,979.69	-
John Muir High School - COMPLETE: Building G & L Window Replacement (95125	404,282.08	404,282.08	404,282.08	-
John Muir High School - COMPLETE: Career Technical Education (95145.0)	90,595.99	90,595.99	90,595.99	-





## Consolidated Budget Status by Fund

Budget status summary by Fund (thru 06/08/2020)

## Budget vs. Commitments and Expenditures by Fund

Reconciliation Always in Progress

School Name - Project Name/Cost Group/Object Code	21.1 - GOB (Measure TT Series A)			Fund 21.1 Analysis
	Budget	Commitments	Expenditures	UnCommitted Available Balance
John Muir High School - COMPLETE: Kitchen Moderniation (95154.0)	6,000.00	6,000.00	6,000.00	-
John Muir High School - COMPLETE: Measure T E-Rate (95180.0)	555,841.99	555,841.99	555,841.99	-
John Muir High School - COMPLETE: Security System (95132.0)	159,784.88	159,784.88	159,784.88	-
John Muir High School - Culinary Arts Project (95184.0)	20,765.90	20,765.90	20,765.90	-
<b>JOHN MUIR HIGH TOTAL</b>	<b>37,807,105.63</b>	<b>36,801,476.32</b>	<b>36,740,612.72</b>	<b>1,005,629.31</b>
Linda Vista Elementary School - COMPLETE: Interior Structural Cleanup (95014.0)	39,580.00	39,580.00	39,580.00	-
Linda Vista Elementary School - Modernization (95188.0)	137,249.93	137,249.93	137,249.93	-
<b>LINDA VISTA ELEM. TOTAL</b>	<b>176,829.93</b>	<b>176,829.93</b>	<b>176,829.93</b>	<b>-</b>
Loma Alta Elementary School - COMPLETE: Measure T E-Rate (95180.0)	63,646.67	63,646.67	63,646.67	-
Loma Alta Elementary School - COMPLETE: Modernization Project (95033.0)	171,002.21	171,002.21	171,002.21	-
Loma Alta Elementary School - COMPLETE: Pre K conversion & Fire sprinkler enclos	181,497.21	181,497.21	181,497.21	-
Loma Alta Elementary School - COMPLETE: Retaining Wall & Street Improvements (95	1,013,582.76	1,013,582.76	1,013,582.76	-
Loma Alta Elementary School - COMPLETE: Water Meter Separation (95101.0)	27,355.16	27,355.16	27,355.16	-
<b>LOMA ALTA ELEM. TOTAL</b>	<b>1,457,084.01</b>	<b>1,457,084.01</b>	<b>1,457,084.01</b>	<b>-</b>
Longfellow Elementary School - 10 HVAC Upgrades (95146.0)	2,426,755.77	2,333,713.71	2,320,755.71	93,042.06
Longfellow Elementary School - COMPLETE: Child Care Center (95061.0)	300,502.84	300,502.84	300,502.84	-
Longfellow Elementary School - COMPLETE: Measure T E-Rate (95180.0)	130,357.77	130,357.77	130,357.77	-
Longfellow Elementary School - New Kitchen Bldg/Lunch Shelter/Auditorium (95050.0)	1,493,628.61	1,342,058.10	1,340,458.10	151,570.51
<b>LONGFELLOW ELEM. TOTAL</b>	<b>4,351,244.99</b>	<b>4,106,632.42</b>	<b>4,092,074.42</b>	<b>244,612.57</b>
Madison Elementary School - Bldg A & Auditorium Renovation (95010.0)	596,258.65	596,258.65	596,258.65	-
Madison Elementary School - COMPLETE: Measure T E-Rate (95180.0)	96,099.91	96,099.91	96,099.91	-
Madison Elementary School - COMPLETE: Window Replacement (95084.0)	858,783.51	858,783.51	858,783.51	-
Madison Elementary School - Kitchen Modernization (95048.0)	309,395.82	309,395.82	309,395.82	-
Madison Elementary School - Modernization (95063.0)	4,109,419.32	4,109,418.68	4,109,418.68	0.64
<b>MADISON ELEM. TOTAL</b>	<b>5,969,957.21</b>	<b>5,969,956.57</b>	<b>5,969,956.57</b>	<b>0.64</b>
Marshall Fundamental Secondary School - 09 HVAC Upgrades (95146.0)	982,595.20	982,594.80	982,594.80	0.40
Marshall Fundamental Secondary School - COMPLETE: Career Technical Education (95145.0)	850.00	850.00	850.00	-



## Consolidated Budget Status by Fund

Budget status summary by Fund (thru 06/08/2020)

## Budget vs. Commitments and Expenditures by Fund

Reconciliation Always in Progress

School Name - Project Name/Cost Group/Object Code	21.1 - GOB (Measure TT Series A)			Fund 21.1 Analysis
	Budget	Commitments	Expenditures	UnCommitted Available Balance
Marshall Fundamental Secondary School - COMPLETE: Electrical Upgrades (95091.0)	352,698.24	352,698.24	352,698.24	-
Marshall Fundamental Secondary School - COMPLETE: Library Modernization & Site Improvement	1,760,215.41	1,760,215.41	1,760,215.41	-
Marshall Fundamental Secondary School - COMPLETE: Measure T E-Rate (95180.0)	428,191.61	428,191.61	428,191.61	-
Marshall Fundamental Secondary School - COMPLETE: Water Meter Separation (95103.0)	21,090.00	21,090.00	21,090.00	-
Marshall Fundamental Secondary School - COMPLETE: Window Replacement (95094.0)	1,767,862.04	1,767,862.04	1,767,862.04	-
Marshall Fundamental Secondary School - Old Gym Renovation Project (95185.0)	1,333,706.39	1,333,706.39	1,333,706.39	-
Marshall Fundamental Secondary School - Sports Complex (95049.0)	12,691,787.69	12,691,787.24	12,691,787.24	0.45
<b>MARSHALL FUNDAMENTAL</b>	<b>19,338,996.58</b>	<b>19,338,995.73</b>	<b>19,338,995.73</b>	<b>0.85</b>
Mckinley Elementary School - COMPLETE: Career Technical Education (95145.0)	51,619.06	51,619.06	51,619.06	-
Mckinley Elementary School - COMPLETE: Measure T E-Rate (95180.0)	188,408.86	188,408.86	188,408.86	-
Mckinley Elementary School - COMPLETE: Water Meter Separation (95159.0)	112,484.66	112,484.66	112,484.66	-
Mckinley Elementary School - Phase I New Construction (95046.0)	20,006,669.60	20,006,669.60	20,006,669.60	-
Mckinley Elementary School - Phase II Modernization (95123.0)	1,463,180.61	878,975.86	868,395.61	584,204.75
<b>MCKINLEY K-8 TOTAL</b>	<b>21,822,362.79</b>	<b>21,238,158.04</b>	<b>21,227,577.79</b>	<b>584,204.75</b>
Norma Coombs Elementary - 05a New CR Wing & Admin Bldg (95133.0)	10,439,825.31	10,435,792.71	10,433,692.75	4,032.60
Norma Coombs Elementary - 05b Central Plant Replacement (95146.0)	1,369,741.69	1,358,169.69	1,358,169.69	11,572.00
Norma Coombs Elementary - COMPLETE: Measure T E-Rate (95180.0)	146,511.31	146,511.31	146,511.31	-
Norma Coombs Elementary - COMPLETE: Shade Structures/Field Renovation (95021)	75,714.95	75,714.95	75,714.95	-
Norma Coombs Elementary - COMPLETE: Water Meter Separation (95116.0)	21,400.00	21,400.00	21,400.00	-
<b>NORMA COOMBS TOTAL</b>	<b>12,053,193.26</b>	<b>12,037,588.66</b>	<b>12,035,488.70</b>	<b>15,604.60</b>
Pasadena High School - 02a Modernize Gymnasium Complex (95075.0)	20,798,855.80	19,461,357.61	18,921,774.15	1,337,498.19
Pasadena High School - 02c ADA Upgrade (DSA) (95074.0)	734,436.76	570,735.33	495,883.34	163,701.43
Pasadena High School - Central Chilled Water Plant Project	1,171,649.00	-	-	1,171,649.00
Pasadena High School - COMPLETE: Artificial Track & Field (95005.0)	1,276,356.16	1,276,356.16	1,276,356.16	-
Pasadena High School - COMPLETE: Career Technical Education (95145.0)	116,593.12	116,593.12	116,593.12	-
Pasadena High School - COMPLETE: Drainage at Fields (95006.0)	620,576.58	620,576.58	620,576.58	-
Pasadena High School - COMPLETE: Fire Alarm Corrections (95161.0)	36,004.90	36,004.90	36,004.90	-



## Consolidated Budget Status by Fund

Budget status summary by Fund (thru 06/08/2020)

## Budget vs. Commitments and Expenditures by Fund

Reconciliation Always in Progress

School Name - Project Name/Cost Group/Object Code	21.1 - GOB (Measure TT Series A)			Fund 21.1 Analysis
	Budget	Commitments	Expenditures	UnCommitted Available Balance
<b>Pasadena High School - COMPLETE: Measure T E-Rate (95180.0)</b>	<b>644,227.38</b>	<b>644,227.38</b>	<b>644,227.38</b>	<b>-</b>
<b>Pasadena High School - Kitchen Project (95139.0)</b>	<b>287,321.43</b>	<b>287,321.43</b>	<b>287,321.43</b>	<b>-</b>
<b>Pasadena High School - Security System Upgrades (95117.0)</b>	<b>248,424.26</b>	<b>248,424.26</b>	<b>248,424.26</b>	<b>-</b>
<b>Pasadena High School (Phase 2) - 02d Campus Upgrds/Restrooms Upgrades (95119.0)</b>	<b>3,307,696.33</b>	<b>3,166,519.66</b>	<b>2,041,940.30</b>	<b>141,176.67</b>
<b>Pasadena High School (Phase 3) - 02b Campus Appearance/Identity (95080.0)</b>	<b>1,790,880.84</b>	<b>176,870.21</b>	<b>148,688.99</b>	<b>1,614,010.63</b>
<b>PASADENA HIGH TOTAL</b>	<b>31,033,022.56</b>	<b>26,604,986.64</b>	<b>24,837,790.61</b>	<b>4,428,035.92</b>
<b>Roosevelt Elementary School - 12 Multi-purpose Facility (95025.0)</b>	<b>1,831,606.70</b>	<b>1,831,606.70</b>	<b>1,831,606.70</b>	<b>-</b>
<b>Roosevelt Elementary School - COMPLETE: Auto Door Openers (95062.0)</b>	<b>98,843.78</b>	<b>98,843.78</b>	<b>98,843.78</b>	<b>-</b>
<b>Roosevelt Elementary School - COMPLETE: Measure T E-Rate (95180.0)</b>	<b>96,099.91</b>	<b>96,099.91</b>	<b>96,099.91</b>	<b>-</b>
<b>ROOSEVELT ELEM. TOTAL</b>	<b>2,026,550.39</b>	<b>2,026,550.39</b>	<b>2,026,550.39</b>	<b>-</b>
<b>Rose City High School - 07 Modification (95170.0)</b>	<b>467,069.45</b>	<b>454,658.67</b>	<b>454,658.67</b>	<b>12,410.78</b>
<b>Rose City High School - COMPLETE: Career Technical Education (95145.0)</b>	<b>232,607.50</b>	<b>232,607.50</b>	<b>232,607.50</b>	<b>-</b>
<b>Rose City High School - COMPLETE: Measure T E-Rate (95180.0)</b>	<b>134,492.76</b>	<b>134,492.76</b>	<b>134,492.76</b>	<b>-</b>
<b>ROSE CITY HIGH TOTAL</b>	<b>834,169.71</b>	<b>821,758.93</b>	<b>821,758.93</b>	<b>12,410.78</b>
<b>San Rafael Elementary School - COMPLETE: Measure T E-Rate (95180.0)</b>	<b>94,930.29</b>	<b>94,930.29</b>	<b>94,930.29</b>	<b>-</b>
<b>San Rafael Elementary School - COMPLETE: Phase I (95011.0/17.0)</b>	<b>169,380.03</b>	<b>169,380.03</b>	<b>169,380.03</b>	<b>-</b>
<b>San Rafael Elementary School - Modernization (95030.0)</b>	<b>1,894,127.72</b>	<b>1,893,431.08</b>	<b>1,893,431.08</b>	<b>696.64</b>
<b>SAN RAFAEL ELEM. TOTAL</b>	<b>2,158,438.04</b>	<b>2,157,741.40</b>	<b>2,157,741.40</b>	<b>696.64</b>
<b>Sierra Madre Elementary School - 06 Phase II Upgrades (95126.0)</b>	<b>764,252.53</b>	<b>756,812.03</b>	<b>756,812.03</b>	<b>7,440.50</b>
<b>Sierra Madre Elementary School - COMPLETE: Phase I - New Permanent Classroom Buildi</b>	<b>4,074,221.47</b>	<b>4,074,221.47</b>	<b>4,074,221.47</b>	<b>-</b>
<b>SIERRA MADRE ES TOTAL</b>	<b>4,838,474.00</b>	<b>4,831,033.50</b>	<b>4,831,033.50</b>	<b>7,440.50</b>
<b>Sierra Madre Middle School - COMPLETE: Career Technical Education (95145.0)</b>	<b>38,112.52</b>	<b>38,112.52</b>	<b>38,112.52</b>	<b>-</b>
<b>Sierra Madre Middle School - COMPLETE: Measure T E-Rate (95180.0)</b>	<b>299,998.22</b>	<b>299,998.22</b>	<b>299,998.22</b>	<b>-</b>
<b>Sierra Madre Middle School - New MS Campus (95038.0)</b>	<b>38,355,220.25</b>	<b>38,355,219.09</b>	<b>38,355,219.09</b>	<b>1.16</b>
<b>SIERRA MADRE MS TOTAL</b>	<b>38,693,330.99</b>	<b>38,693,329.83</b>	<b>38,693,329.83</b>	<b>1.16</b>
<b>Washington Accelerated Elementary School - 01 New Classroom/MPR Bldg (95045.0)</b>	<b>20,428,147.45</b>	<b>20,296,305.61</b>	<b>20,239,939.64</b>	<b>131,841.84</b>
<b>Washington Accelerated Elementary School - Campus Improvements - Measure Y</b>	<b>5,631.10</b>	<b>5,631.10</b>	<b>5,631.10</b>	<b>-</b>





## Consolidated Budget Status by Fund

Budget status summary by Fund (thru 06/08/2020)

## Budget vs. Commitments and Expenditures by Fund

Reconciliation Always in Progress

School Name - Project Name/Cost Group/Object Code	21.1 - GOB (Measure TT Series A)			Fund 21.1 Analysis
	Budget	Commitments	Expenditures	UnCommitted Available Balance
Washington Accelerated Elementary School - COMPLETE: Measure T E-Rate (95180.0)	251,858.05	251,858.05	251,858.05	-
Washington Accelerated Elementary School - New Child Care Center (95067.0)	602,146.73	118,746.73	118,746.73	483,400.00
<b>WASHINGTON ES TOTAL</b>	<b>21,287,783.33</b>	<b>20,672,541.49</b>	<b>20,616,175.52</b>	<b>615,241.84</b>
Washington Middle School - COMPLETE: Career Technical Education (95145.0)	34,572.45	34,572.45	34,572.45	-
Washington Middle School - COMPLETE: Measure T E-Rate 95180.0	261,489.20	261,489.20	261,489.20	-
Washington Middle School - New Constr. & Mod. (95081.0)	16,664,529.61	16,271,968.04	16,141,487.73	392,561.57
<b>WASHINGTON MS TOTAL</b>	<b>16,960,591.26</b>	<b>16,568,029.69</b>	<b>16,437,549.38</b>	<b>392,561.57</b>
Webster Elementary School - Aud/AdminBldg/Kitchen/Playground (95047.0)	2,187,027.47	2,181,512.87	2,181,332.87	5,514.60
Webster Elementary School - COMPLETE: Kitchen Modernization (95083.0)	19,858.31	19,858.31	19,858.31	0.00
Webster Elementary School - COMPLETE: Measure T E-Rate 95180.0	139,666.47	139,666.47	139,666.47	-
Webster Elementary School - COMPLETE: Preschool Shade Structure (95105.0)	132,613.44	132,613.44	132,613.44	-
<b>WEBSTER ELEM. TOTAL</b>	<b>2,479,165.69</b>	<b>2,473,651.09</b>	<b>2,473,471.09</b>	<b>5,514.60</b>
Willard Elementary School - COMPLETE: Exterior Upgrade & Window Replacement (95002.0)	711,112.84	711,112.84	711,112.84	-
Willard Elementary School - COMPLETE: Field Installation/Irrigation & Demo (95000.0)	156,605.57	156,605.57	156,605.57	-
Willard Elementary School - COMPLETE: Multi-Use Room (95002.0)	428,811.30	428,811.30	428,811.30	-
Willard Elementary School - COMPLETE: Power & Fire Alarm Upgrade (95065.0)	393,697.75	393,697.75	393,697.75	-
Willard Elementary School - COMPLETE: Water Meter Separation (95108.0)	47,115.00	47,115.00	47,115.00	-
Willard Elementary School - HVAC Upgrades (95187.0)	297,217.01	297,217.01	297,217.01	-
Willard Elementary School - Kinder and Pre-K Complex (95115.0)	4,143,768.10	4,138,008.97	4,138,008.97	5,759.13
<b>WILLARD ELEM. TOTAL</b>	<b>6,178,327.57</b>	<b>6,172,568.44</b>	<b>6,172,568.44</b>	<b>5,759.13</b>
Wilson Middle School - COMPLETE: Classroom Demolition (95028.0)	72,421.36	72,421.36	72,421.36	-
Wilson Middle School - COMPLETE: Painting & Window Replacement (95009.0)	618,777.08	618,777.08	618,777.08	-
Wilson Middle School - COMPLETE: Water Meter Separation (95109.0)	79,225.00	79,225.00	79,225.00	-
Wilson Middle School - Gym/Locker RM Courtyard Mod (95113.0)	5,036,321.14	5,036,321.14	5,036,321.14	-
Wilson Middle School - Interim Housing (95181.0)	7,400.00	7,400.00	7,400.00	-
<b>WILSON MIDDLE TOTAL</b>	<b>5,814,144.58</b>	<b>5,814,144.58</b>	<b>5,814,144.58</b>	<b>-</b>
<b>Totals</b>	<b>361,616,224.21</b>	<b>352,356,164.02</b>	<b>348,828,526.19</b>	<b>9,260,060.19</b>



# FACILITIES DEPARTMENT

## Construction Status Report June 2020

School / Funds Source	Project's Scope of Work	Progress/issues May 2020	Project Phase	Date in Phase	June 2020 Report Expected date completion total project	Expected date completion total project	% of compl. June 2020	Project Mgr.	Architect	Contractor	Inspector
PHS Modernization Phase I 95075.0	Modernize the existing gyms and locker rooms.	Autorization to file NOC is been submitted to the June 2020 Board Meeting.Minor punch list items/ Roofing work completed	Construction	Nov 28, 2016	March 31, 2020	typically 3-4 months after construction completion	99%	Sam Maissiam	F&M	The Nazerian Group	Donald B. Blayney
PHS Central Plant 95146.0.	Design-Build Central Chilled Water Plant	Preparation of plans for DSA review	Construction Docs.	Early March 2020	Summer 2021	typically 3-4 months after construction completion	0%	Sam Maissiam	Design-Build by Southland		Ned Khachikian
PHS Modernization Phase II 95075.0	Student Toilet Room Accessibility Modernization (Phase II)	<b>Complete:</b> Abatement <b>On going:</b> Rough Pumbing	Construction	Apr 14, 2020	October 11, 2020	Oct 11, 2020	5%	Sam Maissiam	F&M	The Nazerian Group	Donald B. Blayney
Hamilton ES	Solar Panels	<b>Complete:</b> Layout, foundations and structure assembly	Construction	May 01, 2020	December 1, 2020	Dec 01, 2020	65%	Shirly Barret	Design - Build by Constellation		Donald B. Blayney
J Muir HS	Solar Panels at Staff and Student's Parking lots	<b>Complete:</b> Layout, foundations <b>On going:</b> structure assembly	Construction	May 01, 2020	December 1, 2020	Dec 01, 2020	Staff lot 50% Student lot 65%	Shirly Barret	Design - Build by Constellation		Ned Khachikian

Previous Reports available at [www.pusd.us/Page/6819](http://www.pusd.us/Page/6819)



# Pasadena Unified School District

## Pictures of Facilities Department Active Projects

May 24, 2020



# Pasadena Unified School District

## Active Project List

[Hamilton ES](#)

[John Muir HS](#)

[Pasadena HS](#)

May 24, 2020

# Pasadena HS

## Toilet Room Modernization

Installation of new  
sanitary waste pipes

June 24, 2020



**PASADENA HIGH SCHOOL**  
Home of the Bulldogs



[Return to projects list](#)



# Pasadena HS

## Toilet Room Modernization

Installation of new  
sanitary waste pipes

June 24, 2020



**PASADENA HIGH SCHOOL**  
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[Return to projects list](#)

# Pasadena HS

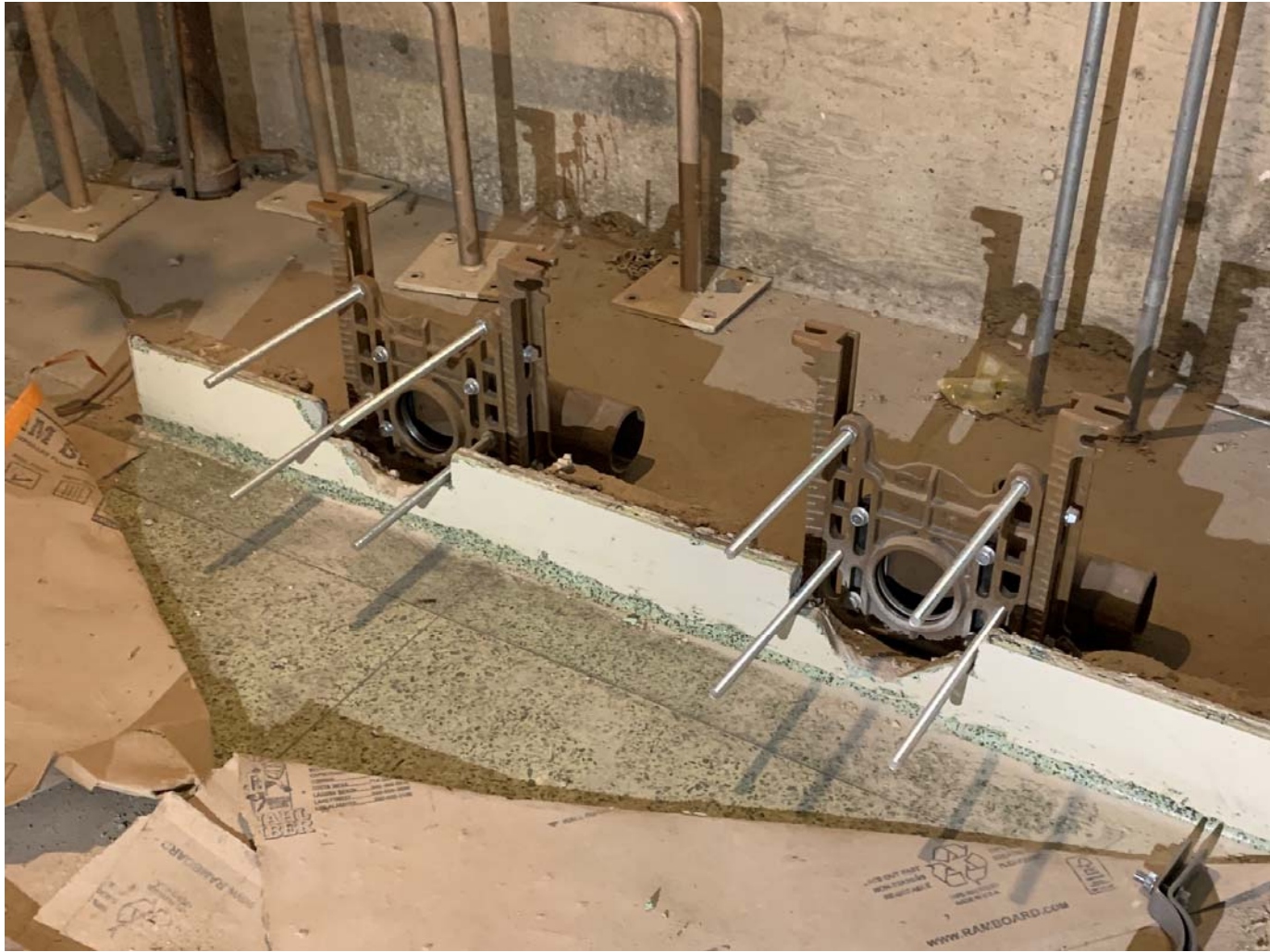
## Toilet Room Modernization

Prep work for new  
toilets

June 24, 2020



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# Pasadena HS

## Toilet Room Modernization

Prep work for  
installation of new  
toilets

June 24, 2020



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# Pasadena HS

## Toilet Room Modernization

Widening of doors  
to make them ADA  
compliant

June 24, 2020



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# Pasadena HS Toilet Room Modernization

Core drilling floor slab

June 24, 2020



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# Pasadena HS Toilet Room Modernization

Floor slabs already  
core drilled

June 24, 2020



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# Hamilton ES Solar Panels

Aerial view  
with Array  
location





# Hamilton ES Solar Panels



Drilling Equipment



Excavated material

# Hamilton ES Solar Panels

Foundation  
already poured



June 24, 2020

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# Hamilton ES Solar Panels

## Structure assembly





# Hamilton ES Solar Panels

## Structure assembly





# Hamilton ES Solar Panels

Structure  
completed



June 24, 2020

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# Hamilton ES Solar Panels

Structure  
completed



June 24, 2020

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# Hamilton ES Solar Panels

Structure  
completed



June 24, 2020

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# Hamilton ES Solar Panels

Structure  
completed

June 24, 2020

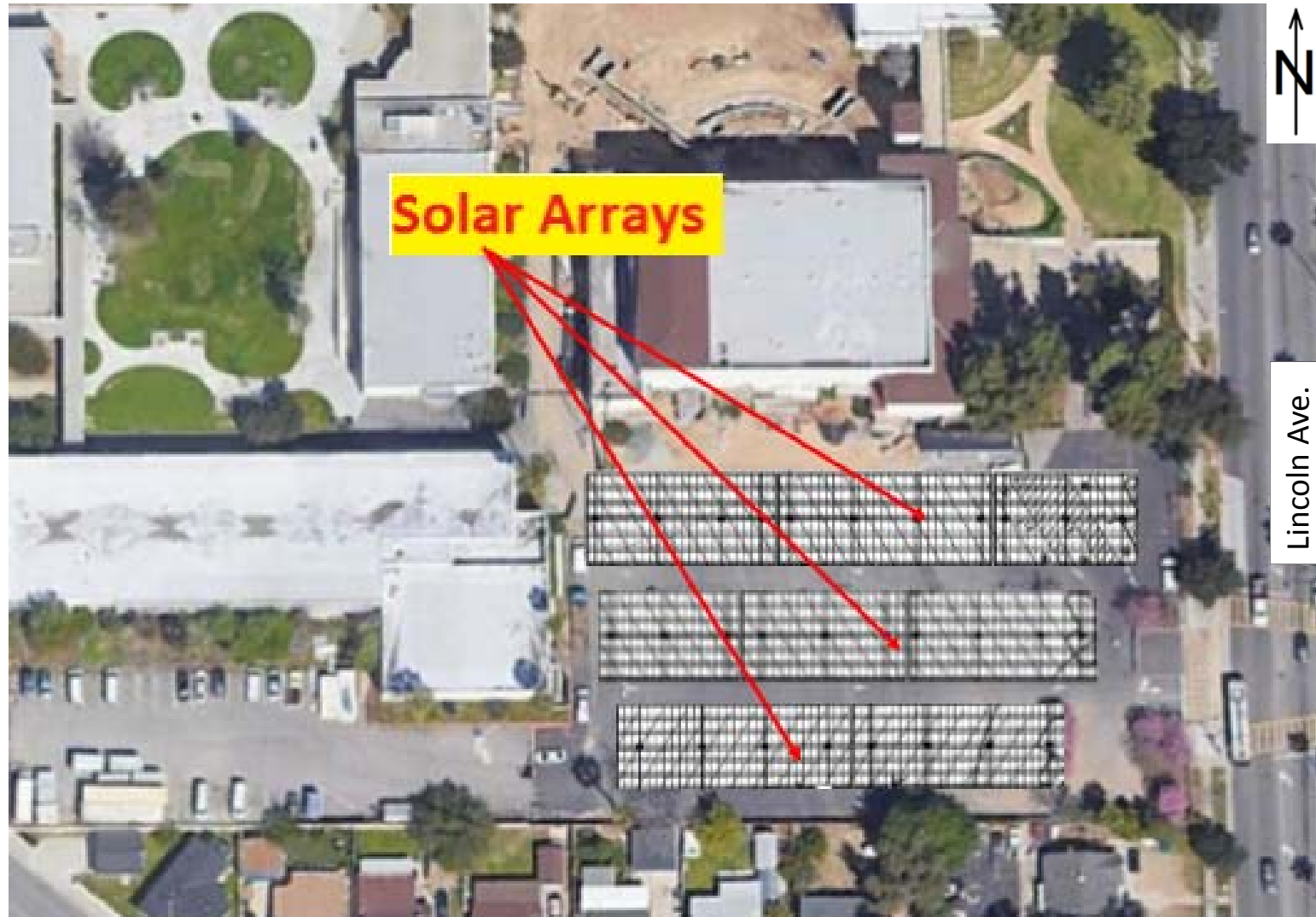


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# J Muir HS Solar Panels

Lincoln Ave.  
Parking lot

Arrays location

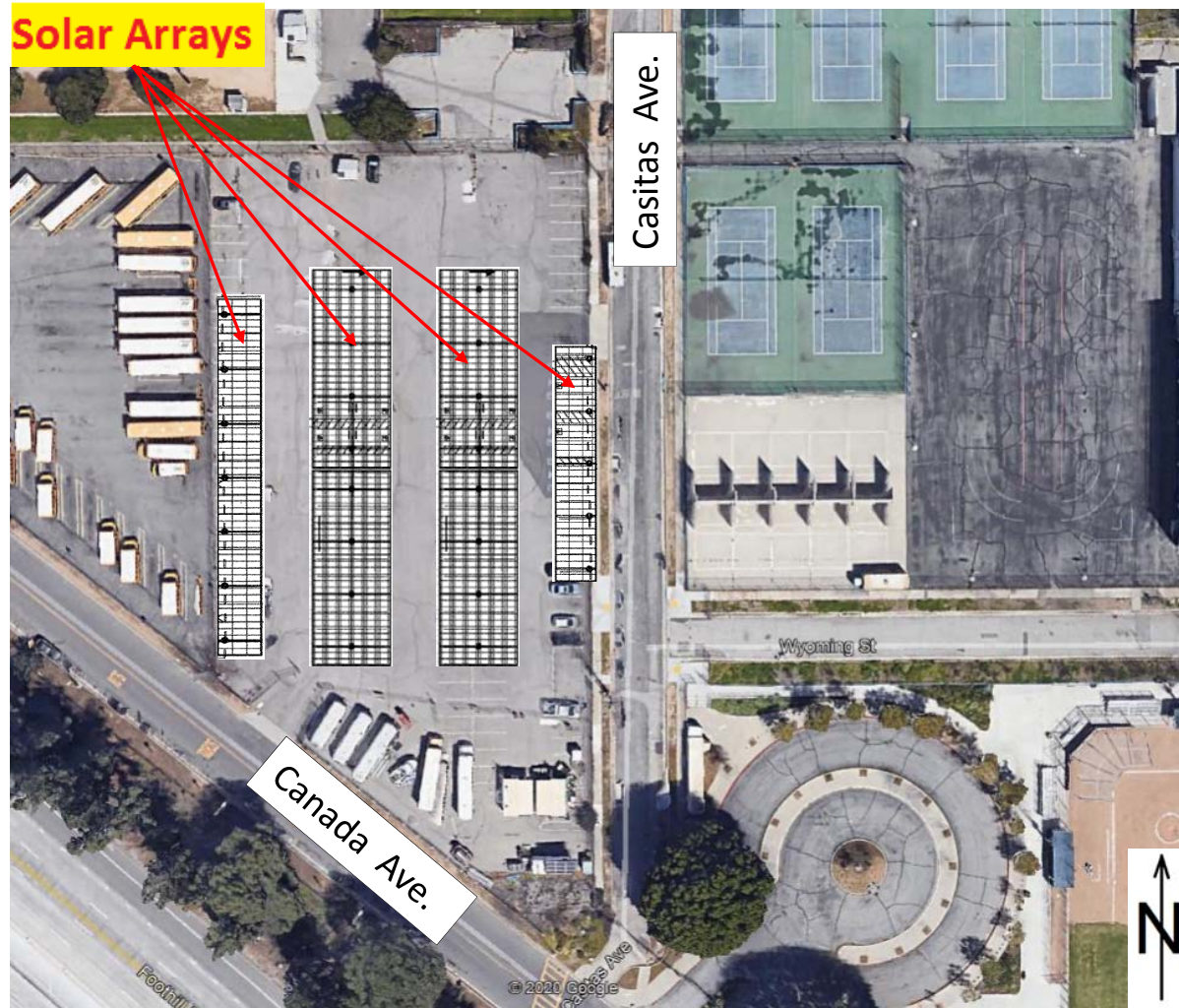




# J Muir HS Solar Panels

Student Parking lot

Arrays location



# J Muir HS Solar Panels

## Foundation work





# J Muir HS Solar Panels

## Foundation work





# J Muir HS Solar Panels

Foundation reinforcement

June 24, 2020



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# J Muir HS Solar Panels

Foundation reinforcement  
and connections to  
column and electrical  
system





# J Muir HS Solar Panels

## Pouring Foundations



June 24, 2020

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# J Muir HS Solar Panels

## Pouring Foundations

Foundation ready to  
receive structure



June 24, 2020

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# J Muir HS Solar Panels

## Pouring Foundations





# J Muir HS Solar Panels

## Structure assembly



# J Muir HS Solar Panels

## Structure assembly





# J Muir HS Solar Panels

## Structure assembly





# J Muir HS Solar Panels

## Structure assembly



# J Muir HS Solar Panels

Structure  
assembly





# J Muir HS Solar Panels

## Structure assembly



# J Muir HS Solar Panels

## Structure assembly





**Measure TT Approved Priorities per BR 1286-F 3/29/18**  
**Project Accounting Update as of June 2020**

PRIORITY #1: Washington Accelerated Elementary School - New Classroom/MPR Bldg (95045.0)				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	20,512,401	19,291,322	17,508,819	1,221,079
6/8/2020	20,428,147	20,296,306	20,241,447	131,842
Change	(84,254)	1,004,984	2,732,628	
Since 3/2018: 3 Board-Approved Construction Changes, Contributed to Sports Field shared with WMS, added play structures. Project nearly complete. Make budget remainder available in MTT Central				

PRIORITY #2-a: Pasadena High School - Modernize Gymnasium Complex (95075.0)				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	18,264,746	16,706,720	5,472,627	1,558,026
6/8/2020	20,798,856	19,461,358	18,921,774	1,337,498
Change	2,534,110	2,754,638	13,449,147	
Since 3/2018: 3 Board-Approved Construction Changes, architect design change orders & inspection change orders for extended project duration, HVAC feasibility study - Project nearing completion.				

PRIORITY #2-b: Pasadena High School - Campus Appearance/Identity (95080.0)				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	1,661,230	154,301	128,349	1,506,929
6/8/2020	1,790,881	176,870	148,689	1,614,011
Change	129,651	22,569	20,340	
Since 3/2018: This project went for bid in April 2020, but all bids were over our estimate and rejected. Project design and planning are underway.				

PRIORITY #2-c: Pasadena High School - ADA Upgrade (DSA) (95074.0)				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	713,678	570,708	483,651	142,970
6/8/2020	734,437	570,735	495,883	163,701
Change	20,759	27	12,233	
Since 3/2018: This project is complete. Included ADA upgrade design, flooring & ramp improvements, ADA locking hardware. Make remaining budget available for other PHS projects.				

**Measure TT Approved Priorities per BR 1286-F 3/29/18**  
**Project Accounting Update as of June 2020**

**PRIORITY #2-d: Pasadena High School - Campus Upgrds/Restrooms Upgrades (95119.0)**

Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	3,202,506	2,266,283	2,033,732	936,223
6/8/2020	3,307,696	3,166,520	2,041,940	141,177
Change	105,190	900,236	8,208	

*Since 3/2018: This project has been awarded 3/26/20 and construction was set to begin 4/15/20*

**PRIORITY #3-a: John Muir High School - Modernization, Abatement & Kitchen (95051.0)**

Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	29,509,786	27,035,722	12,210,543	2,474,064
6/8/2020	30,980,313	30,006,703	29,954,185	973,610
Change	1,470,527	2,970,981	17,743,642	

*Since 3/2018: 1 Board-approved design change, 6 construction changes, 6 inspection changes. Purchase & install Portable Restroom to be reimbursed by City of Pasadena. Project nearly complete. Make budget remainder available in MTT Central.*

**PRIORITY #3-b: John Muir High School - JMuir Black Box Theater Project (95183.0)**

Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	3,742,566	3,540,692	3,328,593	201,874
6/8/2020	3,713,817	3,690,813	3,690,813	23,003
Change	(28,749)	150,121	362,220	

*Since 3/2018: Project completed. Includes TV Broadcasting Studio with green screen. Pay final DSA Certification fees and make budget remainder available in MTT Central.*

**PRIORITY #3-c: John Muir High School - Bldg D Accessibility / CDBG Project (95812.0)**

Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	187,591	64,066	42,558	123,525
6/8/2020	356,726	347,710	339,417	9,016
Change	169,135	283,644	296,859	

*Since 3/2018: 1 Board-Approved design change & 1 construction change. PCC lease will reimburse costs over time. Project nearly complete. Make budget remainder available in MTT Central.*

**Measure TT Approved Priorities per BR 1286-F 3/29/18**  
**Project Accounting Update as of June 2020**

PRIORITY #4: Blair High School - Modernization of Main Building (95056.0)				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	28,229,351	25,754,072	10,754,537	2,475,279
6/8/2020	30,428,843	30,008,923	29,852,041	419,921
Change	2,199,492	4,254,851	19,097,504	
Since 3/2018: 7 Board-Approved construction changes, 1 design change, Water service upgrades, Foundation slab crack mitigation design & remediation.				

PRIORITY #4a: Blair High School Track & Field (95005.0) (also utilizes Developer Fees)				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	83,263	119,842	50,164	(36,579)
6/8/2020	135,031	82,877	82,877	52,154
Change	51,768	(36,965)	32,714	
Since 3/2018: This project has been completed. Keep remaining budget here for bleacher foundation slabs.				

PRIORITY #5-a: Norma Coombs Alternative - New CR Wing & Admin Bldg (95133.0)				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	9,183,883	8,714,556	3,721,647	469,327
6/8/2020	10,439,825	10,435,793	10,433,693	4,033
Change	1,255,942	1,721,237	6,712,046	
Since 3/2018: 4 Board-Approved design changes, 6 construction changes, additional grading & paving & sitework. Project is complete. Release budget remainder to MTT Central.				

PRIORITY #5-b: Norma Coombs Alternative - Central Plant Replacement				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	1,500,000	-	-	1,500,000
6/8/2020	1,369,742	1,358,170	1,358,170	11,572
Change	(130,258)	1,358,170	1,358,170	
Since 3/2018: Project complete and under budget. No change orders. Make budget remainder available in MTT Central.				

**Measure TT Approved Priorities per BR 1286-F 3/29/18**  
**Project Accounting Update as of June 2020**

PRIORITY #6: Sierra Madre Elementary (Lower) - Phase II: HVAC Auditorium Upgrades (95126.0)				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	1,348,451	734,110	646,221	614,341
6/8/2020	764,253	756,812	756,812	7,441
Change	(584,198)	22,702	110,591	
Since 3/2018: HVAC Feasibility study was conducted. Project did not progress beyond. Make budget remainder available in MTT Central.				

PRIORITY #7: Rose City High School - Rose City Modification (95170.0)				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	567,974	435,288	270,888	132,686
6/8/2020	467,069	454,659	454,659	12,411
Change	(100,905)	19,371	183,771	
Since 3/2018: Some boiler work was conducted. Make budget remainder available in MTT Central.				

PRIORITY #8: Eliot Middle School - Auditorium/Cafe Modernization (95015.0)				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	8,101,095	10,986,117	7,465,225	(2,885,022)
6/8/2020	7,781,210	7,721,216	7,698,881	59,994
Change	(319,885)	(3,264,901)	233,656	
Since 3/2018: Project is complete. Basement electrical room drainage upgrade needed.				

PRIORITY #8a: Eliot Middle School - (HVAC) (95146.0)				
Prop. 39 \$693,645 / Measure TT \$796,609				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	800,000	796,609	-	3,391
6/8/2020	917,658	917,657	917,657	1
Change	117,658	121,048	917,657	
Since 3/2018: Budget increased for chilled water piping replacement. Project is complete. Release budget to MTT Central.				



**Measure TT Approved Priorities per BR 1286-F 3/29/18**  
**Project Accounting Update as of June 2020**

**PRIORITY #9: Marshall Fundamental Secondary School - Marshall New AC Project (95146.0)**

*Prop. 39 \$2,513,093 / Measure TT \$910,278*

Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	999,150	-	-	999,150
6/8/2020	982,595	982,595	982,595	0
Change	(16,555)	982,595	982,595	

*Since 3/2018: Project is complete. Board approved for MTT to cover shortfall in funds from Prop 39. Budget remainder released to MTT Central.*

**PRIORITY #10 Longfellow Elementary HVAC (95146.0)**

Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	2,201,000	118,416	95,791	2,082,584
6/8/2020	2,426,756	2,333,714	2,320,756	93,042
Change	225,756	2,215,298	2,224,964	

*Since 3/2018: Project is complete. 1 Board-Approved construction change. Release budget to Measure TT Central.*

**PRIORITY #11: - Don Benito Elementary - Phase II: HVAC & Kitchen (95146.0)**

Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	2,858,321	186,335	114,147	2,671,986
6/8/2020	301,433	296,433	263,322	5,000
Change	(2,556,888)	110,098	149,175	

*Since 3/2018: This project did not progress. Budget released to MTT Central. Make budget remainder available in MTT Central.*

**PRIORITY #12: Roosevelt Elementary School - Multi-purpose Facility (95025.0)**

Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	7,669,620	1,960,561	1,814,455	5,709,059
6/8/2020	1,831,607	1,831,607	1,831,607	-
Change	(5,838,013)	(128,954)	17,152	

*Since 3/2018: This project did not progress. Budget released to MTT Central.*

**Measure TT Approved Priorities per BR 1286-F 3/29/18**  
**Project Accounting Update as of June 2020**

PRIORITY #13: Jackson Elementary Portables / Student Drop-off area (95052.0)				
(Total Expenditures for Jackson Modernization Resource include Campus Modernization, Parking Lot & Portables, and cancelled Kitchen Project)				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	1,975,000	-	-	1,975,000
6/8/2020	1,625,595	1,625,595	1,625,595	-
Change	(349,405)	1,625,595	1,625,595	
Since 3/2018: Parking / Portables project is complete. Budget released to MTT Central.				

PRIORITY #15-a: Shade and Playground Needs				
McKinley Shade Structures				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	300,000	-	-	300,000
6/8/2020	90,928	90,928	90,238	-
Change	(209,072)	90,928	90,238	

PRIORITY #15-a: Shade and Playground Needs				
San Rafael Shade & Playground Needs				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	270,000	-	-	270,000
6/8/2020	235,849	235,849	235,849	-
Change	(34,151)	235,849	235,849	

PRIORITY #15-a: Shade and Playground Needs				
Willard South Playground				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	40,000	-	-	40,000
6/8/2020	41,151	41,151	41,151	-
Change	1,151	41,151	41,151	

PRIORITY #15-a: Shade and Playground Needs				
Roosevelt Playground				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	160,000	-	-	160,000
6/8/2020	-	-	-	-
Change	(160,000)	-	-	

**Measure TT Approved Priorities per BR 1286-F 3/29/18**  
**Project Accounting Update as of June 2020**

PRIORITY #15-a: Shade and Playground Needs				
<i>Don Benito Playground</i>				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	120,000	-	-	120,000
6/8/2020	33,675	33,675	23,214	-
Change	(86,325)	33,675	23,214	
PRIORITY #15-a: Shade and Playground Needs				
<i>Field Elementary Shade Structures and Playgrounds</i>				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	-	-	-	-
6/8/2020	377,131	333,101	238,151	44,030
Change	377,131	333,101	238,151	
PRIORITY #15-a: Shade and Playground Needs				
<i>Jefferson Shade Structures and Playgrounds</i>				
Status as of	Total Budget	All Commitments	Total Expenditures To Date	UnEncumbered Budget Remaining
3/29/2018	-	-	-	-
6/8/2020	105,207	105,207	105,207	-
Change	105,207	105,207	105,207	
Since 3/2018: Projects are complete or cancelled. Make budget remainders available in MTT Central. Funds 01.0, 12.0, and 25.0 were used to supplement MTT for some playground projects.				