

NATOMAS UNIFIED SCHOOL DISTRICT
Paso Verde Interim Housing Classroom Improvements
3800 Del Paso Rd., Sacramento, CA 95834

Bid # 17-02-226

ADDENDUM NO. 1

Date: March 23, 2017

Owner: Natomas Unified School District
1901 Arena Blvd.
Sacramento, CA 95834

This Addendum has been prepared to clarify, modify, delete, or add to the drawings and/or specifications for the above referenced project, and revisions to items listed here shall supersede description thereof prior to the above stated date. All conditions not specifically referenced here shall remain the same. It is the obligation of the Prime Contractor to make subcontractors aware of any items herein that may affect submitted bids.

In case of conflict between the bid documents and this Addendum, this Addendum shall govern. This Addendum shall be considered part of the Plans, Specifications, and Contract Documents. All addenda items refer to the plans and project manual(s) unless specifically noted otherwise.

Acknowledge receipt of this addendum by inserting its number and date on the BID FORM at time of bid. Failure to do so may subject bidder to disqualification.

TOTAL PAGES IN THIS ADDENDUM (excluding attachments): **3 Pages**

List of Attachments

Existing and New Construction Plan
Scope of Work Matrix
Added Specification Sections
Revised Information For Bidders
Revised Bid Forms

PART A - BIDDING AND CONTRACT REQUIREMENTS

- A. Section 8 – Special Conditions – Part M. revise Scope of Work:
“The Natomas Unified School District is seeking bids for upgrades to existing classrooms, administrative office, auxiliary rooms and library at Westlake Charter School as indicated in the Drawings and Specifications. Work will include but is not limited to new carpet, new tack board wall and tack board repairs, interior painting, removal of clock/speaker system, removal of WAP, removal of existing TV’s and mounts, removal of existing projectors and screens, relocating wall in the admin building, removing and relocating caseworks in library, installing walk off mat, installing wall base, installing room signage, installing VCT flooring, wax and seal VCT flooring.
- B. Section 2 - Information to Bidders – Part 12: Additive and Deductive items – See attachment.
- C. Section 3 – Contract and Bid Form, Bid Form and Proposal – See attachment.

PART B – CHANGES TO THE PROJECT MANUAL

- A. Changes in Specification Sections:
1. Section 09680 – FLOORING – Part 2 – Section 2.4.1 – Revise Line 1 – 2 to “Vinyl Cushion Carpet: Tandus, Powerbond Roled Goods, (Color: FLEECE) Style: Aftermath II”
 2. Section 09680 – FLOORING – Part 2 – Section 2.4.1 – Revise Line 44 – 45 to Walk Off Specifications: Tandus, Powerbond Roled Goods, (Color: Tapestry) Style: Aftermath II”
Door Walk off Mat Size: 4’ x 6’
Sink Walk off Mat Size: 2’6” x 3’6”
 3. Section 09678 – RESILIENT WALL BASE AND ACCESSORIES – Revise section 2.1.A to “Wall Base: Provide base complying with FS SS-W-40; Type I rubber, with matching preformed or molded outside corner units, and as follows:
 1. Height: 4" and 6".
 2. Thickness: 1/8" gage.
 3. Style: Standard top-set cove.
 4. Style: Top set at carpet.
 5. Finish: Matte.
 6. Moulded corners.
 7. Manufacture:
 - a. Burk Flooring: www.burkmercercer.com
 - b. Johnsonite, a Tarkett Company: www.johnsonite.com

c. or equal
8. Color: Black”

- B. New Specification Sections
 - 1. 09 72 33 –TACKABLE COMPOSITE WALL COVERING
 - 2. 10 14 00 – SIGNAGE
 - 3. 09 65 00 – RESILIENT FLOORING

PART C – DRAWINGS

- A. Contractor is going to be relocating the specified wall in the Admin building to the new location and finish the wall matching the existing walls in the building.
- B. Contractor to Rotate the full height Book Shelves in the Library, backing them to the existing walls. Attach the existing book shelves to the wall starting from the west wall to the book return counter top (Fit as many as possible)
- C. Contractor to remove the library counter top specified in the drawings.
- D. Paso Verde Housing Classroom Improvement Plan – Existing and New Construction ADD1- Buildings with-in the box are the buildings included in the scope of work.

*** End of Addendum ***

BID FORM AND PROPOSAL

To: Governing Board of the Natomas Unified School District ("District")

From: _____
(Insert Proper Name of Bidder)

The undersigned declares that the Contract Documents including, without limitation, the Notice to Contractors Calling for Bids and the Information for Bidders have been read and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of the **Paso Verde Interim Housing Classroom Improvements, BID #17-02-226** ("Project" or "Contract") and will accept in full payment for that Work the following total lump sum amount, all taxes included:

BASE BID:

Item A. TOTAL CASH PRICE IN WORDS & NUMBERS: _____

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_____ dollars

(In Words-Printed or Typed)

ALLOWANCE: FENCING. Allowance to be used at the Owner's sole discretion.

Item B. TOTAL CASH PRICE IN WORDS & NUMBERS: _____

\$

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0	0
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TEN THOUSAND

_____ dollars

(In Words-Printed or Typed)

BASE BID: Bid will be awarded base the lowest responsible bid.

Item A and B combined: TOTAL CASH PRICE IN WORDS & NUMBERS: _____

\$

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_____ dollars

(In Words-Printed or Typed)

1. **Additive/Deductive Alternates:** Descriptions of alternates are primarily scope definitions and do not necessarily detail the full range of materials and processes needed to complete the construction.

N/A

2. **Unit Prices:** The Bidder's Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders:

N/A

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) described in the Contract Documents, and that each Bidder who is awarded a Contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a Contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the District before the bid opening date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Special Conditions is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:

Bid Bond on the District's form or other security
Designated Subcontractors List
Non-Collusion Affidavit
Project Warranty

9. Receipt and acceptance of the following Addenda is hereby acknowledged:

Addendum No. 1 _____	Dated: _____
Addendum No. 2 _____	Dated: _____
Addendum No. 3 _____	Dated: _____
Addendum No. 4 _____	Dated: _____

10. The Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed.
11. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Cal. Gov. Code, §12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.

12. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this _____ day of _____, 2016

Name of Bidder _____

Type of Organization _____

Signature _____

Signed by _____

Title of Signer _____

Address of Bidder _____

Bidder's Taxpayer Identification No. _____

Telephone Number _____

Fax Number _____

E-mail _____ Website _____

Contractor's License No(s): No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

If Bidder is a corporation, affix corporate seal.

Name of Corporation: _____

President: _____

Secretary: _____

Treasurer: _____

Manager: _____

INFORMATION FOR BIDDERS

1. Preparation and Availability of Bid Form

The District invites bids on the attached form to be submitted by qualified contractors to the District at such time and place as is stated in the Notice to Contractors Calling for Bids, not later than **April 20, 2017 @ 2:00:00 PM PST**. Bids shall only be prepared using the copy of the Bid Form included in the Contract Documents. The use of substitute bid forms other than clear and correct photocopies of those provided by the District will not be permitted. Bids shall be received in the Office of Facilities and Strategic Planning for the Natomas Unified School District, located at 1901 Arena Boulevard, Sacramento, California 95834. All blanks in the bid form must be appropriately filled in, and all prices must be stated in both words and figures. If a different price is stated in words than is stated in figures, the price stated in words shall be the price bid.

The District may receive requests for the Contract Documents from plan rooms. Please note: Prospective bidders who choose to review the Contract Documents at a plan room must contact the District to obtain the required Contract Documents and register for participation if they decide to submit a bid for the Project.

QUESTIONS CONCERNING BID DOCUMENTS: Any questions pertaining to the Bid or the Bid documents are to be directed via e-mail only to the **Noe Lopez, Construction Manager**; nlopez@natomasunified.org.

Any clarifications resulting from questions will be distributed to all firms participating in this opportunity who have received a copy of the Bid documents. Questions received after **April 12, 2017 @ 2:00:00 PM PST will NOT be addressed.**

2. Bid Security

Bids must be accompanied by a certified check, cashier's check, or bidder's bond (executed by the Bidder as principal and surety as obligor), in the form and content attached hereto, for an amount not less than ten percent (10%) of the amount of the base bid, made payable to the order of the Natomas Unified School District ("Bid Security")

Personal sureties and unregistered surety companies are unacceptable. The surety insurer shall be California admitted surety insurer, as defined in Code of Civil Procedure Section 995.120. The surety insurer must, unless otherwise agreed to by District in writing, at the time of issuance of the bond, have a rating not lower than "A-" as rated by A.M. Best Company, Inc. or other independent rating companies. The District reserves the right to approve or reject the surety insurer selected by the Contractor and to require the Contractor to obtain a bond from a surety satisfactory to the District.

The check or bid bond shall be given as a guarantee that the Bidder shall execute the Contract if it be awarded to the Bidder, shall provide the payment and performance bonds and insurance certificates and endorsements as required herein within ten (10) calendar days after notification of the award of the Contract to the Bidder. Failure to provide the required documents may result in forfeiture of the Bidder's bid deposit or bond to the District and the District may award the Contract to the next lowest responsible Bidder, or may call for new bids.

3. Faxed and Electronic Mail Bids

All bids must be under sealed cover. District will not accept any bids or bid modifications submitted by facsimile or electronic mail transmission.

4. Signing of Bids

All Bids submitted shall be executed by the Bidder or its authorized representative. Bidders may be asked to provide evidence in the form of an authenticated resolution of its Board of Directors or a Power of Attorney evidencing the capacity of the person signing the Bid to bind the Bidder to each Bid and to any Contract arising therefrom.

If a Bidder is a joint venture or partnership, it may be asked to submit an authenticated Power of Attorney executed by each joint venturer or partner appointing and designating one of the joint venturers or partners as a management sponsor to execute the Bid on behalf of Bidder. Only that joint venturer or partner shall execute the Bid. The Power of Attorney shall also: (1) authorize that particular joint venturer or partner to act for and bind Bidder in all matters relating to the Bid; and (2) provide that each venturer or partner shall be jointly and severally liable for any and all of the duties and obligations of Bidder assumed under the Bid and under any Contract arising therefrom. The Bid shall be executed by the designated joint venturer or partner on behalf of the joint venture or partnership in its legal name.

5. Modifications

Each Bidder shall submit its Bid in strict conformity with the requirements of the Contract Documents. Unauthorized additions, modifications, revisions, conditions, limitations, exclusions or provisions attached to a Bid may render it non-responsive and may cause its rejection. Bidders shall neither delete, modify, nor supplement the printed matter on the Bid Forms, nor make substitutions thereon. Oral, telephonic and electronic modifications will not be considered, unless the Notice to Contractors Calling for Bids authorizes the submission of electronic bids and modifications thereto and such modifications are made in accordance with the Notice to Contractors Calling for Bids.

6. Erasures/Mutilation of Bid Documents

The Bid submitted must not contain any erasures, interlineations, or other corrections unless each such correction is suitably authenticated by affixing in the margin immediately opposite the correction the surname or surnames of the person or persons signing the bid.

Contractors should not deface or mutilate the bid documents to the extent that they may not be usable for construction purposes. Bid documents obtained under deposit shall be returned within ten (10) days after bid opening.

7. Examination of Site and Contract Documents

Each Bidder shall visit the site(s) of the proposed work and fully acquaint itself with the conditions relating to the construction and labor so that it may fully understand the facilities, difficulties, and restrictions attending the execution of the work under the Contract. Bidders shall thoroughly examine and be familiar with the Drawings and Specifications. The failure or omission of any Bidder to receive or examine any Contract

Documents, forms, instruments, addenda, or other documents or to visit the site(s) and acquaint itself with conditions there existing shall in no way relieve any Bidder from obligations with respect to its bid or to the Contract. The Bidder is responsible to obtain any geotechnical and/or soils report pertaining to the site of the work at Bidder's expense, if applicable. Although any such report does not operate as a warranty or guarantee of site conditions, the submission of a Bid shall be taken as prima facie evidence of compliance with all terms of this section.

Discrepancies in, and/or omissions from the Plans, Specifications or other Contract Documents or questions as to their meaning shall be immediately brought to the attention of the District by submission of a written request for an interpretation or correction to the District. Such submission, if any, must be sent to the **Noe Lopez, Construction Manager;** nlopez@natomasunified.org.

Any interpretation of the Contract Documents will be made only by written addenda duly issued and mailed or delivered to each person or firm who has obtained a set of Contract Documents directly from the District. The District will not be responsible for any explanations or interpretations provided in any other manner. No person is authorized to make any oral interpretation of any provision in the Contract Documents to any Bidder, and no Bidder should rely on any such oral interpretation.

Bids shall include complete compensation for all items that are noted in the Contract Documents as the responsibility of the Contractor.

- 7.1 Each Bidder, by making its bid, represents that it has read and understands the Contract and Contract Documents and any and all related reports and information. After executing the Agreement, no consideration will be given to any claim of misunderstanding of the documents.
- 7.2 Each Bidder, by making its bid, represents that it has visited the site(s), inspected the area of the work, and familiarized itself with the local conditions under which the work is to be performed, including sub-surface conditions, as appropriate. Such inspection shall specifically consider requirements for accessing the site and determining the work can be completed as required by, and as shown in, the Contract Documents.
- 7.3 With District's approval, including provision of insurance as required, and after scheduling access with the District, each Bidder may conduct additional site investigations at the Bidder's sole cost.

8. **Withdrawal of Bids**

Prior to bid opening, a Bid may be withdrawn by the Bidder only by means of a written request signed by the Bidder or its properly authorized representative.

9. **Agreements and Bonds**

The Agreement form, which the successful Bidder, as Contractor, will be required to execute, and the forms and amounts of surety bonds, which will be required to furnish at the time of execution of the Agreement, are included in the Contract Documents and shall be carefully examined by the Bidder. The required number of executed copies of the

Agreement, the Performance Bond, and the Payment Bond is as specified in the Special Conditions.

The Performance Bond must be executed by an admitted surety insurer approved to conduct business in the State of California which meets the highest standards the District is legally permitted to establish and which it has established. The surety insurer must, unless otherwise agreed to by District in writing, at the time of issuance of the bond, have a rating not lower than "A-" as rated by A.M. Best Company, Inc. or other independent rating companies. The District reserves the right to approve or reject the surety insurer selected by the Contractor and to require the Contractor to obtain a bond from a surety satisfactory to the District.

The Payment Bond must be in the amount of one hundred percent (100%) of the total amount payable. Bonds shall be in the form set forth in the Contract Documents.

10. Bidders Interested in More Than One Bid and Bidders Not Qualified to Bid

No person, firm, or corporation shall be allowed to make, or file, or be interested in more than one bid for the same work unless alternate bids are specifically called for. A person, firm, or corporation that has submitted a sub-proposal to a Bidder, or that has quoted prices of materials to a Bidder, is not thereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or making a prime proposal. No person, firm, or corporation shall be allowed to bid who has participated in the preparation of contract specifications; a bid by such a person, firm, or corporation shall be determined to be nonresponsive.

11. Award of Contract

The Contract shall be awarded to the lowest responsible and responsive bidder as interpreted by the District under California law and the Contract Documents, including the Notice to Contractors Calling for Bids and these Instructions. The District reserves the right, without any liability, to cancel the award of any bid for any reason at any time before the full execution of the Agreement between District and Contractor.

The District may reject any bid which, in its opinion when compared to other bids received or to the District's internal estimates, does not accurately reflect the cost to perform the Work. The District may reject as non-responsive any bid which unevenly weights or allocates costs, including but not limited to overhead and profit to one or more particular bid items.

The District reserves the right to reject any or all bids, or to waive any irregularities or informalities in any bid or in the bidding process.

12. Additive and Deductive Items- Method of Determining Basis of Award

Pursuant to Public Contract Code section 20103.8, **should this bid solicitation include additive and/or deductive items**, the checked [X] method shall be used to determine the lowest bid:

_____ (a) The lowest bid shall be the lowest bid price on the base contract without consideration of the prices on the additive or deductive items.

X (b) The lowest bid shall be the lowest total of the bid prices on the base contract combined with the Allowance.

_____ (c) The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items taken in order from a specifically identified list of those items that, when in the bid form and added to, or subtracted from, the base contract, are less than, or equal to, a funding amount publicly disclosed by the District before the first bid is opened.

_____ (d) The lowest bid shall be determined in a manner that prevents any information that would identify any of the Bidders from being revealed to the public entity before the ranking of all Bidders from lowest to highest has been determined.

If no method is checked, sub-paragraph (a) shall be used to determine the lowest bid.

Notwithstanding the method used by the District to determine the lowest responsible Bidder, the District retains the right to add to or deduct from the Contract any of the additive or deductive items included in the bid solicitation.

13. Evidence of Responsibility

Upon the request of the District, a Bidder whose bid is under consideration for the award of the Contract shall submit promptly to the District satisfactory evidence showing the Bidder's financial resources, the Bidder's construction experience in the type of work being required by the District, and the Bidder's organization available for the performance of the Contract and any other required evidence of the Bidder's qualifications to perform the Contract. The District may consider such evidence before making its decision awarding the Contract. Failure to submit requested evidence of a Bidder's responsibility to perform the Contract may result in rejection of the Bid.

14. Prequalification

Bids will not be accepted if a Contractor has not been prequalified where prequalification is required. NUSD performs quarterly prequalification updates. Per NUSD BP/AR 3311, if project value is over \$250,000, General Contractors and Subcontractors (Subcontractors that hold C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43, C-46 or C-51 licenses) performing mechanical, electrical, plumbing or iron/steel works must be prequalified prior to bidding project. All of the above listed classifications must be prequalified to bid this project.

A list of prequalified general and subcontractors is available on the District website, <https://natomasunified.org/departments/facilities-strategic-planning/pre-qualification-process/>. It is the responsibility of the bidder to ensure that all subcontractors holding any of the licenses listed above are properly prequalified before submitting a bid.

15. Listing Subcontractors

Each Bidder shall submit in its bid a list of the proposed subcontractors on this project as required by the Subletting and Subcontracting Fair Practices Act (Public Contract Code

section 4100 et seq.). Contractor shall provide the address, phone number, and license number of each listed subcontractor. Forms for this purpose are furnished with the Contract Documents.

16. Workers' Compensation

In accordance with the provisions of Section 3700 of the Labor Code, Contractor shall secure the payment of compensation to its employees. Contractor shall sign and file with District the following certificate prior to performing the work under this Contract:

I am aware of the provisions of section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

The form of such certificate is included as part of the Contract Documents.

17. Insurance Requirements

The successful Bidder shall procure the insurance in the form and in the amount specified in the Contract Documents.

18. Contractor's License and Certifications

Pursuant to Section 7028.15 of the Business and Professions Code and Section 3300 of the Public Contract Code, all Bidders must possess proper licenses for performance of this Contract prior to submittal of bid documents. Subcontractors must possess the appropriate licenses for each specialty subcontracted prior to submittal of bid documents. Pursuant to Section 7028.5 of the Business and Professions Code, the District shall consider any bid submitted by a contractor not currently licensed in accordance with state law and pursuant to the requirements found in the Contract Documents to be non-responsive, and the District shall reject the Bid. The District shall have the right to request, and Bidders shall provide within five (5) calendar days, evidence satisfactory to the District of all valid license(s) currently held by that Bidder and each of the Bidder's subcontractors, before awarding the Contract.

Bidder must have all certifications and/or factory authorizations required for the project prior to submittal of the Bid including, but not limited to, the specified manufacturer certifications described in the Special Conditions section of this document. Subcontractors must have all certifications and/or factory authorizations required for each specialty subcontract prior to submittal of the Bid including, but not limited to, the specified manufacturer certifications described in the Special Conditions section of this document.

19. Ethics in Bidding

The District expects the Bidders to maintain high ethical standards in engaging in the competitive bidding process. The bid amount of one Bidder should not be divulged to another before the award of the subcontract or order, nor should it be used by Contractor to secure a lower proposal from another Bidder on that project (bid shopping).

Subcontractors or suppliers should not request information from the Contractor regarding any sub-bid in order to submit a lower proposal on that project (bid peddling). The District will consider any Bidder found to be engaging in such practices to be a non-responsible Bidder and may reject its bid on that ground.

20. Substitutions and Special Brand Names

In accordance with Public Contract Code section 3400, except where the District has established a standard that has been approved by the Governing Board, requests for review and evaluation of "or equal" items will be considered. **Any proposals for substitutions of equipment, materials, or products other than what is specified in the bid documents must be submitted to the District, by April 12, 2017 @ 2:00:00 PM , at nlopez@natomasunified.org**, in order to be considered. After reviewing the request, the District will respond with its decision to all parties who have received bid packages. The District has the right to reject any or all requests for substitutions of equipment, materials, products, things, or services other than what is specified in the bid documents if the District determines that such substitutions are not equal to the equipment, materials, products, things, or services set forth in the Bid. The documentation submitted must include any and all illustrations, specifications, and other relevant data including catalogue information which describes the substituted item or product or work and substantiates that it is an "equal" to the specified item or product or work. In addition, the submittal documentation must also include a statement of the cost implications of the substitution being requested stating whether and why the substitution will reduce or increase the contract price. The documentation submitted must also include information regarding the durability and life cycle cost of the substituted item, product or work. Substantiating data shall include a signed affidavit from the Bidder stating that the substituted item or product or work is equivalent to the specified item or product or work in every way except as listed on the affidavit. Whenever possible, the same substitution information is to be included in the sealed bid submittal package. Failure to submit all the needed substantiating data, including the signed affidavit, may result in a determination that the bid is nonresponsive.

IF A PROPOSED SUBSTITUTION IS REJECTED, BIDDER SHALL BE RESPONSIBLE FOR PROVIDING THE ITEM OR PRODUCT OR WORK AS ORIGINALLY SPECIFIED AT NO ADDITIONAL COST TO THE DISTRICT. THE DISTRICT HAS THE COMPLETE AND SOLE DISCRETION TO DETERMINE IF AN ITEM OR ARTICLE IS AN EQUAL ITEM.

21. Fingerprinting

By law it is the District's responsibility to determine whether a Contractor must provide fingerprint certification. Pursuant to Education Code section 45125.2, the District considers the totality of the circumstances in order to determine if fingerprinting of employees of a Contractor working on a school site is required. Factors to be considered include the length of time the Contractor's employees are on school grounds, whether students are in proximity with the location where the Contractor's employees are working, and whether the Contractor's employees are working alone or with others. A determination regarding whether fingerprint certification is required is contained in the Special Conditions.

22. Retention

Public agencies generally cannot withhold more than five percent (5%) of the amount to be paid to a contractor for work to be completed unless the project is “substantially complex.” The Project is to install security fences. The Project will use a five percent (5%) retention.

23. Contractor/Subcontractor Registration and Labor Compliance Monitoring and Enforcement

Except as provided in Labor Code Section 1771.1(a), no Contractor or Subcontractor may be listed on a bid proposal for a public works project or perform work on a public works contract unless registered with the Department of Industrial Relations pursuant to California Labor Code Section 1725.5. This Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Contractor and any Subcontractors engaging in work on the Project are required to review and comply with the provisions of the California Labor Code, Division 2, Part 7, Chapter 1, beginning with Section 1720, and the regulations of the Department of Industrial Relations implementing those provisions. These statutory and regulatory provisions contain specific requirements concerning, for example, the determination and payment of prevailing wages, retention, inspection and auditing of payroll records, use of apprentices, payment of overtime compensation, and various penalties or fines which may be imposed for violations of the requirements of the chapter. Submission of a bid proposal constitutes the Bidder's representation that it has thoroughly reviewed these statutory and regulatory requirements and agrees to bind every Subcontractor performing work on the Project to these requirements to the extent such requirements are applicable to the Subcontractor's work.

24. Disabled Veteran Business Enterprises

Compliance with Disabled Veteran Business Enterprise (DVBE) contracting goals is NOT required for this project. Although, minority, women and disabled veteran contractors are encouraged to submit bids.

25. Immigration Reform and Control Act

The Bidder hereby certifies that he or she or it is, and at all times during the performance of work hereunder shall be, in full compliance with the provisions of the Immigration Reform and Control Act of 1986 (“IRCA”) in the hiring of its employees and the Bidder shall indemnify, hold harmless and defend the District against any and all actions, proceedings, penalties or claims arising out of the Bidder's failure to comply strictly with the IRCA.

26. Filing of Bid Protests

A bidder may protest the bidding process for the project only by filing a written protest with the **Director of Planning and Construction** in accordance with the procedures set forth in this section. The District will not consider any verbal protests (e.g., by telephone) or any protests sent by electronic mail. In order for a protest to be valid and considered by the District, the protest must: (a) be filed not later than seventy-two (72) hours after the end of

the bid opening; (b) clearly identify the bidder on whose behalf the protest is being filed, together with the name, address and telephone number of the person representing the bidder for purposes of the protest; (c) clearly identify the specific bidding process, bid or award of the Contract being protested; (d) clearly identify and describe in detail the specific basis or bases for the protest and all facts relevant thereto and in support thereof; (e) clearly identify all references to the specific portions of all documents relevant to the protest; (f) clearly identify and describe in detail all arguments in support of the protest, including, without limitation, any citations to all legal authorities; and (g) be submitted with all documentation that is relevant to and supports the basis or bases underlying the protest.

If a protest filed by a Bidder does not comply with each and every one of the foregoing requirements, the District may reject the protest as invalid. If a Bidder files a valid protest, the District shall review the protest and all relevant information and documents and will provide written decision to the protesting bidder. In response to a protest, the District may decline to award a contract, may award a contract to a bidder other than as previously intended, or may award a contract to a bidder as previously intended despite the protest. Such action by the District shall be a condition precedent to the filing of any claim or demand and to the initiation of any action (legal or equitable) or other proceeding arising from the matter(s) protested.

COMPLIANCE WITH THE FOREGOING REQUIREMENTS IS MANDATORY. Each bidder that desires to protest must file a protest in accordance with the foregoing requirements, and no bidder may rely on a protest by another bidder as a means of satisfying such requirements. Compliance with the foregoing requirements is the sole and exclusive means of protesting the bidding process, any bid, and/or the intended award of a contract for the project, and failure to so comply shall be deemed and construed as a waiver of any and all rights the Bidder may have to pursue a claim, demand or action based on the bidding, any bids, and/or any contract awarded for the project.

27. Addendum

The District reserves the right to revise the Contract Documents prior to the bid opening date. Revisions, if any, shall be made by written addendum. All addenda issued by the District shall be included in the bid and made part of the Contract Documents. Pursuant to Public Contract Code Section 4104.5, if the District issues an addendum which includes material changes to the Project less than 72 hours prior to the deadline for submission of bids, the District will extend the deadline for submission of bids. The District may determine, in its sole discretion, whether an addendum warrants postponement of the bid submission date. Each prospective Bidder shall provide District a name, address, facsimile number and email address to which addenda may be sent, as well as a telephone number by which the District can contact the Bidder. Copies of addenda will be furnished by email without charge to all Bidders who have obtained a copy of the Contract Documents and provided such current information.

Please note: Bidders are responsible for ensuring that they have received any and all addenda. To this end, each Bidder should contact the Office of Facilities and Strategic Planning to verify that he/she has received all Addenda issued, if any, prior to the bid opening.

28. Submission of Sealed Bids

Once the Bid and supporting documents have been completed and signed as set forth herein, they shall be placed, along with the Bid Guarantee and other required materials in an envelope, sealed, addressed and delivered or mailed, postage prepaid to the District at the place and to the attention of the person indicated in the Notice Inviting Bids. No oral or telephonic bids will be considered. No forms transmitted via the internet, e-mail, facsimile, or any other electronic means will be considered unless specifically authorized by District as provided herein. The envelope shall also contain the following in the lower left-hand corner thereof:

Bidder's Name
Paso Verde Interim Housing Classroom Improvements Name
BID #17-02-226

Only where expressly permitted in the Notice to Contractors Calling for Bids may Bidders submit their bids via electronic transmission pursuant to Public Contract Code sections 1600 and 1601. The acceptable method(s) of electronic transmission shall be stated in the Notice to Contractors Calling for Bids. District reserves the right to not accept electronically transmitted bids, where not specifically authorized in the Notice to Contractors Calling for Bids, and may reject any bid not strictly complying with District's designated methods for delivery.

29. Delivery and Opening of Bids

Bids will be received by the District at the address shown in the Notice to Contractors Calling for Bids up to **April 20, 2017 @ 2:00:00 PM PST**. The District will leave unopened any Bid received after the specified date and time, and any such unopened Bid will be returned to the Bidder. It is the Bidder's sole responsibility to ensure that its Bid is received as specified. Bids may be submitted earlier than the dates(s) and time(s) indicated.

Bids will be opened **April 20, 2017 @ 2:00:00 PM PST**, and the amount of each Bid will be read aloud and recorded. All Bidders may, if they desire, attend the opening of Bids. The District may in its sole discretion, elect to postpone the opening of the submitted Bids. District reserves the right to reject any or all Bids and to waive any informality or irregularity in any Bid. In the event of a discrepancy between the written amount of the Bid Price and the numerical amount of the Bid Price, the written amount shall govern.

30. Prevailing Wage

The Project is a public works project subject to prevailing wage requirements. The general prevailing rate of per diem wages in the locality in which this work is to be performed for each craft or type of worker needed to execute the Contract may be obtained online at <http://www.dir.ca.gov/dlsr>. Bidders are advised that a copy of these rates must be posted by the successful Bidder at the job site(s).

31. Debarment of Contractors and Subcontractors

In accordance with the provisions of the Labor Code, contractors or subcontractors may not perform work on a public works project with a subcontractor who is ineligible to perform work on a public project pursuant to Section 1777.1 or Section 1777.7 of the Labor Code. Any contract on a public works project entered into between a contractor and a debarred

subcontractor is void as a matter of law. A debarred subcontractor may not receive any public money for performing work as a subcontractor on a public works contract. Any public money that is paid to a debarred subcontractor by the Contractor for the Project shall be returned to the District. The Contractor shall be responsible for the payment of wages to workers of a debarred subcontractor who has been allowed to work on the Project.

32. Sales and Other Applicable Taxes, Permits, and Fees

Contractor and its subcontractors performing work under this Contract will be required to pay California sales tax and other applicable taxes, and to pay for permits, licenses and fees required by the agencies with authority in the jurisdiction in which the work will be located, unless otherwise expressly provided by the Contract Documents.

33. Anti-Discrimination

It is the policy of the District that there be no discrimination against any prospective or active employee engaged in the Work because of race, color, ancestry, national origin, religious creed, sex, age or marital status, pregnancy, physical or mental disability, physical or mental medical condition, veteran status, gender or sexual orientation. All bidders agree to comply with the District's anti-discrimination policy and all applicable Federal and California anti-discrimination laws including but not limited to the California Fair Employment & Housing Act beginning with California Government Code §§12940 et seq. and California Labor Code §1735. In addition, all Bidders agree to require like compliance by any Subcontractor employed by them on the work on the Contract.

34. Public Records

All documents included in the bids become the exclusive property of the District upon submittal to the District. All Bids and other documents submitted in response to the Notice to Contractors Calling for Bids become a matter of public record, except for information contained in such bids deemed to be trade secrets, as defined in California Civil Code Section 3426.1. A Bidder that indiscriminately marks all or most of its Bid as exempt from disclosure as a public record, whether by the notations of "Trade Secret," "Confidential," "Proprietary," or otherwise, may render the Bid non-responsive and rejected. The District is not liable or responsible for the disclosure of such records, including those exempt from disclosure if disclosure is deemed required by law by an order of court, or which occurs through inadvertence, mistake or negligence on the part of the District or its officers, employees or agents. At such time as Bids are deemed a matter of public record, pursuant to the above, any Bidder or other party shall be afforded access for inspection and/or copying of such bids, by request made to the District in conformity with the California Public Records Act, Government Code §§ 6250 et seq.

35. Drug-Free Workplace Certification

In accordance with the Drug Free Workplace Act of 1990 and California Government Code §§ 8350 et seq., the successful Bidder will be required to execute a Drug-Free Workplace Certification concurrently with execution of the Agreement. The successful bidder will be required to implement and take the affirmative measures outlined in such provisions. Failure of the successful Bidder to comply with the measures outlined in such provisions may result in penalties, including without limitation, the termination of the Agreement, the

suspension of any payment of the Contract Price otherwise due under the Contract Documents and/or debarment of the successful Bidder.

36. Early Termination

Notwithstanding any provision herein to the contrary, if for any fiscal year of this Contract the Governing Board of the District fails to appropriate or allocate funds for future periodic payments under the Contract after exercising reasonable efforts to do so, the District may, upon thirty (30) days' notice, order work on the Project to cease. The District will remain obligated to pay for the work already performed but shall not be obligated to pay the balance remaining unpaid beyond the fiscal period for which funds have been appropriated or allocated and for which the work has not been done.

**Interim K-8 Campus
Scope of Work**

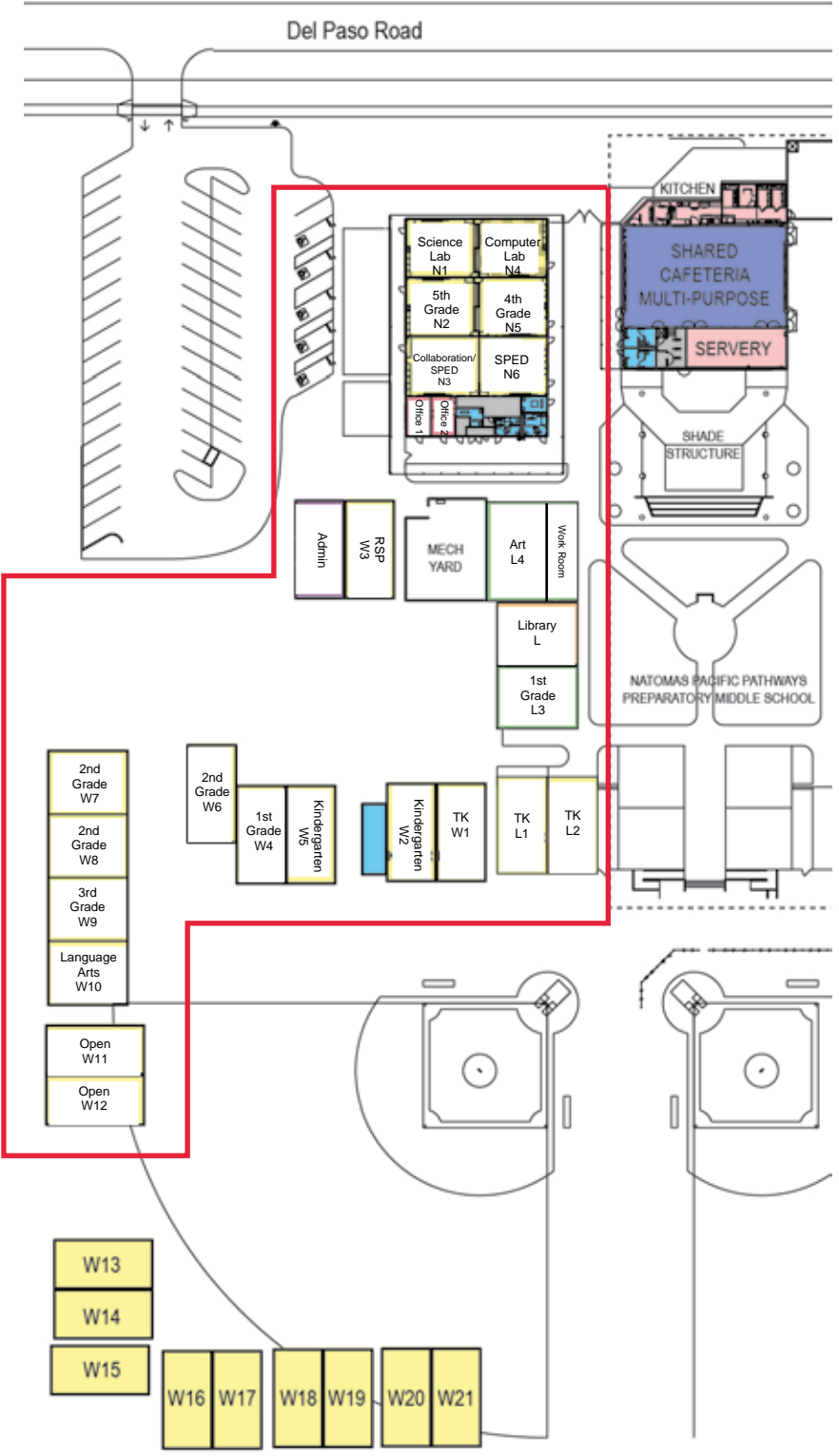
Existing Room Naming	New Room Naming	Replace Carpet & Base	Paint	Tackboard Panels	Remove casework and relocate book shelves	Relocate Walls	Remove TV	Remove TV Mount	Remove Projector	Remove Projector Screen	Remove Clock and Speaker	Remove WAP	Walk off Matt Required: Door/Sink	Estimated Area (SF)	Notes	General Notes
N3 - Collaboration Space/ SPED Observation Room	N3	x	x	x			x	x	x	x	x		1/1	1008	Install Tack Board on the opposite wall of Existing Tack Board wall	1. Patch Tack Wall as necessary. 2. Use 6" wall base. 3. Replace all class signages. Install Exit Sign in all areas next to exit doors. 4. Paint all the interior walls, tackboards and window trims.
N2 - 5th Grade	N2	x	x	x			x	x	x	x	x		1/1	1008		
N1 - Science Lab	N1	x	x	x			x	x	x	x	x	x	1/1	1008		
N4 - Computer Lab	N4	x	x	x			x	x	x	x	x		1/1	1008		
N5 - 4th Grade	N5	x	x	x			x	x	x	x	x	x	1/1	1008		
N6 - SPED	N6	x	x	x			x	x	x	x	x	x	2/1	1008		
W3 - RSP	L2	x	x				x	x	x	x	x		1/0	960		
L4 - Art	L3		x						x	x	x		1/1	400	Remove VCT and install carpet flooring (Patch Sub-base as needed)	
L - Library	L5	x	x		x		x	x			x		1/0	960	Rotate Book Shelves based on the drawings	
Work Room	L4		x											200	Wax and Seal Wrok room (4 coats of Wax)	
L3 - 1st Grade	L6		x				x	x	x	x	x		2/1	900	Remove Carpet and install VCT. Wax and Seal (4 Coats of Wax)	
L2 - TK	L7	x	x				x	x	x	x	x		1/0	960		
L1 - TK	L8	x	x				x	x	x	x	x		1/1	960		
W1 - TK	W1	x	x				x	x	x	x	x	x	1/1	960		
W2 - K	W2	x	x				x	x	x	x	x		1/1	960		
W5 - K	W3	x	x				x	x	x	x	x	x	1/1	960		
W4 - 1st Grade	W4	x	x				x	x	x	x	x		1/1	960		
W6 - 2nd Grade	W5	x	x				x	x	x	x	x		1/1	960		
W7 - 2nd Grade	W6	x	x						x		x	x	1/1	900		
W8 - 2nd Grade	W7	x	x						x	x	x		1/1	900		
W9 - 3rd Grade	W8	x	x						x	x	x		1/1	900		
W10 - Language Arts	W9	x	x						x	x	x		1/1	900		
W11	W10	x	x				x		x	x	x	x	1/0	960		
W12	W11	x	x				x	x	x	x	x		1/0	960		
Office 1	N7	x	x								x		1/0	240		
ADMIN	L1	x	x			x					x	x	1/0	960	See Plan Drawing	
Office 2	N8	x	x								x		1/0	240		
Comments:																

Turn over T.V.'s, T.V. Mounts, Projectors & Projector Screens to District.
 Turn over Clock and speakers and WAP's to District
 Replace restroom signages: (2) Boys Restroom, (2) Girls Restroom, (1) Staff Restroom, (1) Nutral Gender Restroom



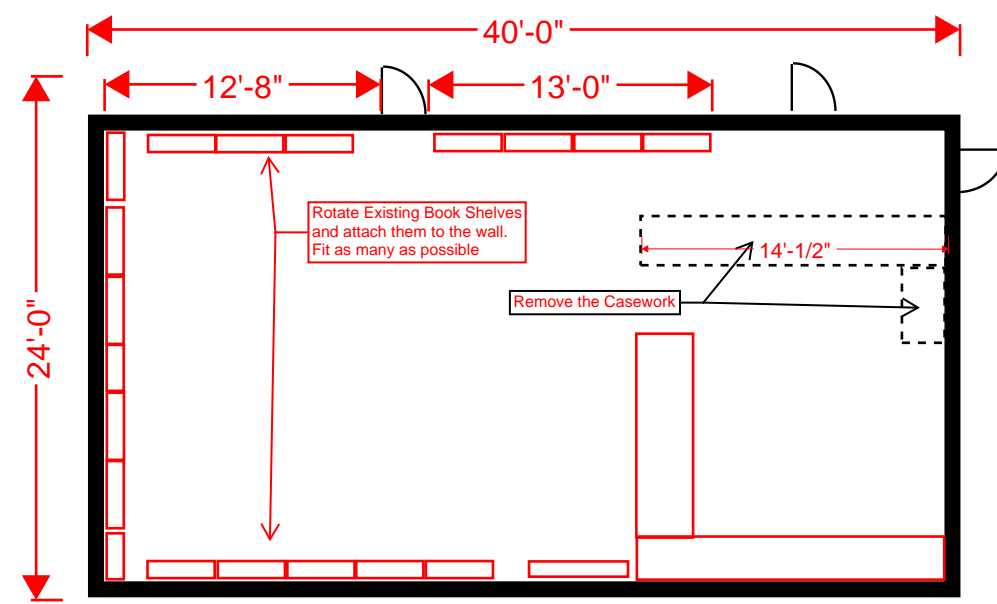
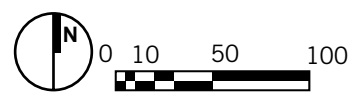
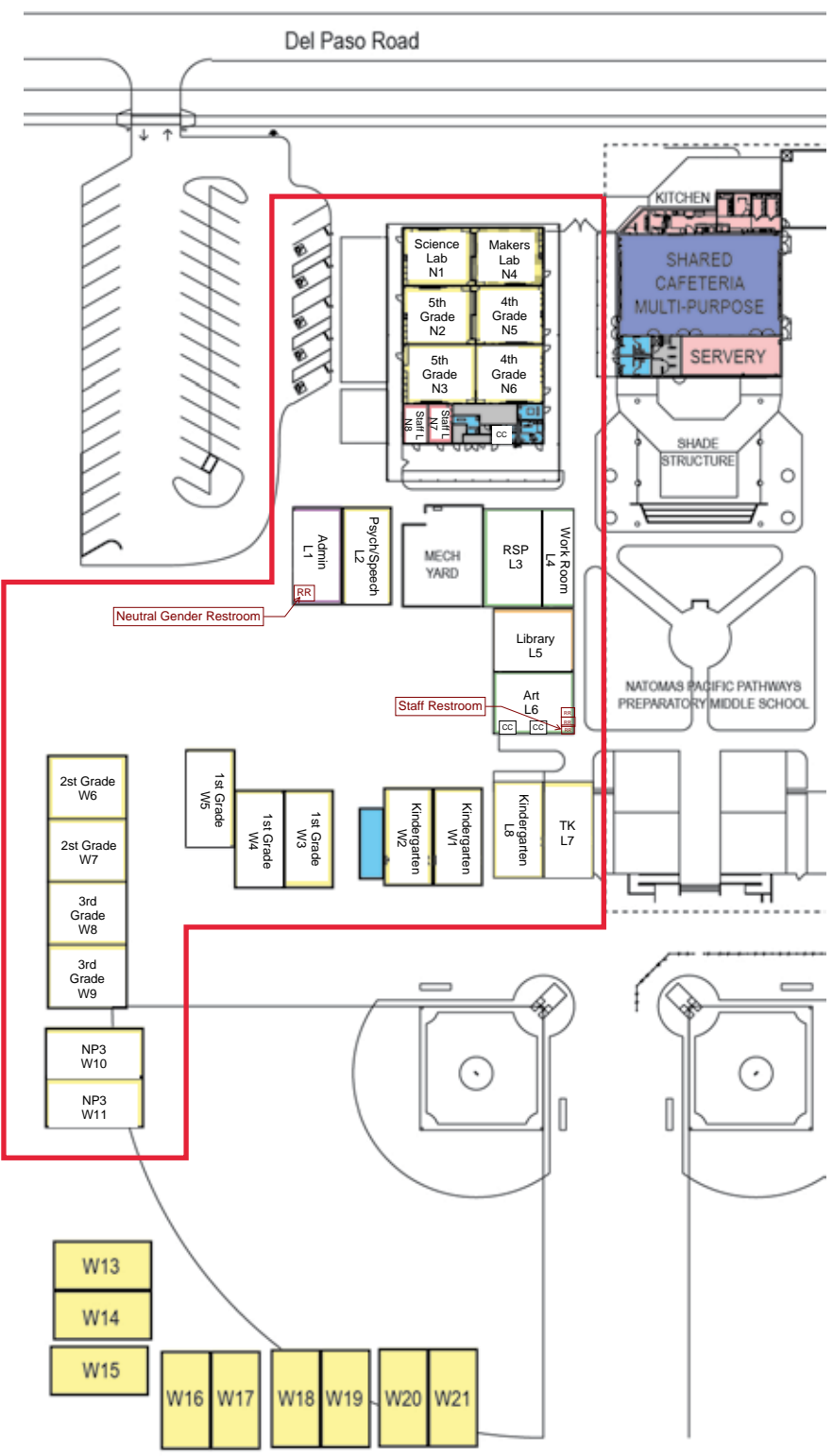
EXISTING SITE PLAN

Paso Verde 3700 Del Paso Road
Sacramento, CA 95834
**Interim Housing
Improvement Classrooms
2017/18**

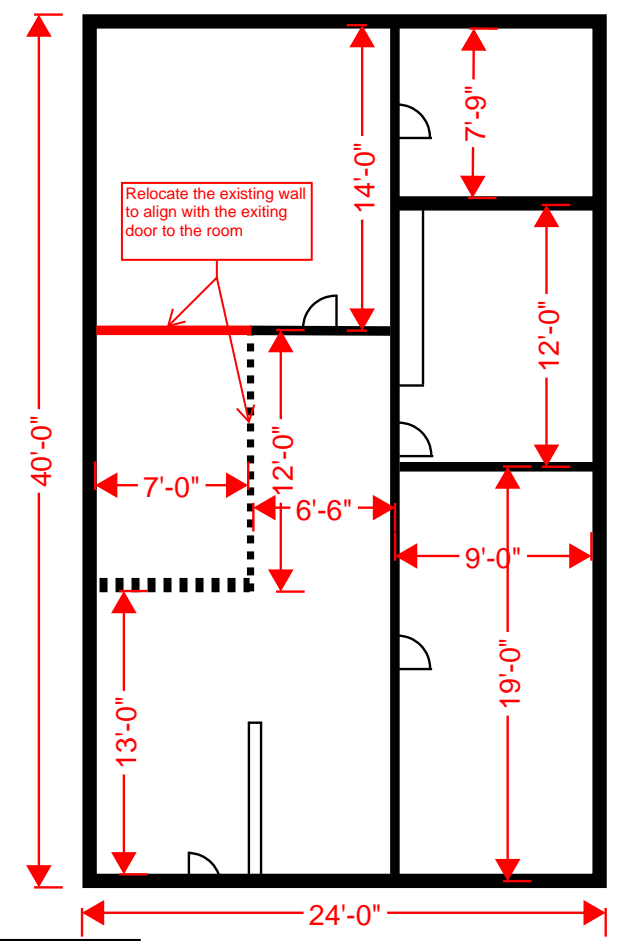


NEW CONSTRUCTION SITE PLAN

Paso Verde 3700 Del Paso Road
 Sacramento, CA 95834
Interim Housing
Improvement Classrooms
2017/18



Library Building



Admin Building

SECTION 096500 - RESILIENT FLOORING

PART1 GENERAL

1.1 SECTION INCLUDES

- A. Resilient sheet flooring.
- B. Resilient tile flooring.
- C. Resilient base.
- D. Installation accessories.

1.2 RELATED REQUIREMENTS

- A. Section 03 3000 - Cast-in-Place Concrete: Restrictions on curing compounds for concrete slabs and floors.

1.3 REFERENCE STANDARDS

- A. ASTM E648 - Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source; 2014c.
- B. ASTM F710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring; 2011.
- C. ASTM F1066 - Standard Specification for Vinyl Composition Floor Tile; 2004 (Reapproved 2014)e1.
- D. ASTM F1861 - Standard Specification for Resilient Wall Base; 2008 (Reapproved 2012)e1.
- E. ASTM F2034 - Standard Specification for Sheet Linoleum Floor Covering; 2008 (Reapproved 2013).
- F. NFPA 253 - Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source; National Fire Protection Association; 2015.

1.4 SUBMITTALS

- A. See Section 01 3300 -Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on specified products, describing physical and performance characteristics; including sizes, patterns and colors available; and installation instructions.
- C. Verification Samples: Submit two samples, 4 by 4 inch in size illustrating color and pattern for each resilient flooring product specified.
- D. Concrete Testing Standard: Submit a copy of ASTM F710.
- E. Certification: Prior to installation of flooring, submit written certification by flooring manufacturer and adhesive manufacturer that condition of sub-floor is acceptable.
- F. Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.
- G. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. See Section 01 6000 - Product Requirements, for additional provisions.
 - 2. Extra Flooring Material: 80 square feet of each type and color.
 - 3. Extra Wall Base: 40 linear feet of each type and color.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Upon receipt, immediately remove any shrink-wrap and check materials for damage and the correct style, color, quantity and run numbers.

- B. Store all materials off of the floor in an acclimatized, weather-tight space.

1.6 FIELD CONDITIONS

- A. Maintain temperature in storage area between 55 degrees F and 90 degrees F.
- B. Store materials for not less than 48 hours prior to installation in area of installation at a temperature of 70 degrees F to achieve temperature stability. Thereafter, maintain conditions above 55 degrees F.

PART 2 PRODUCTS

2.1 SHEET FLOORING

- A. Linoleum Sheet Flooring: Homogeneous wear layer bonded to backing, with color and pattern through wear layer thickness.
 - 1. Minimum Requirements: Comply with ASTM F2034, Type corresponding to type specified.
 - 2. Critical Radiant Flux (CRF): Minimum 0.22 watt per square centimeter, when tested in accordance with ASTM E 648 or NFPA 253.
 - 3. Backing: Jute fabric.
 - 4. Thickness: 4.0 mm
 - 5. Sheet Width: 80 inch, minimum.
 - 6. Pattern: Solid color.
 - 7. Color: Match Existing Work Room Resilient Flooring Color.
 - 8. Seams: Heat welded.
 - 9. Manufacturers:
 - a. Armstrong World Industries, Inc: www.armstrong.com.
 - b. Basis of Design: Forbo Flooring, Inc: www.forboflooringna.com.
Marmoleum Real series
 - c. Johnsonite, a Tarkett Company: www.johnsonite.com.
- B. Linoleum Welding Rod: Solid color linoleum produced by flooring manufacturer for heat welding seams, in color incolor matching predominant flooring color.

2.2 TILE FLOORING

- A. Vinyl Composition Tile: Homogeneous, with color extending throughout thickness.
 - 1. Minimum Requirements: Comply with ASTM F1066, of Class corresponding to type specified.
 - 2. Critical Radiant Flux (CRF): Minimum 0.45 watt per square centimeter, when tested in accordance with ASTM E 648.
 - 3. Size: 7 by 48 inch.
 - 4. Thickness: 0.157 inch. (4mm)
 - 5. Pattern: Solid color.
 - 6. Manufacturers:
 - a. Armstrong World Industries, Inc: www.armstrong.com.
 - b. Johnsonite, a Tarkett Company: www.johnsonite.com.
 - c. Basis of Design: Shaw Industries. Luxury Grain Series; www.shawhardsurface.com
 - d. Substitutions: See Section 01 6000 - Product Requirements.

2.3 RESILIENT BASE

- A. Resilient Base: ASTM F1861, Type TS rubber, vulcanized thermoset; top set Style B, Cove.
 - 1. Critical Radiant Flux (CRF): Minimum 0.45 watt per square centimeter, when tested in accordance with ASTM E 648.

2. Height: 6 inch.
3. Thickness: 0.125 inch thick.
4. Finish: Satin.
5. Length: Roll.
6. Color: Color as selected from manufacturer's standards.
7. Accessories: Premolded external corners, internal corners, and endstops.
8. Manufacturers:
 - a. Basis of Design: Burke Flooring: www.burkemercer.com.
 - b. Johnsonite, a Tarkett Company: www.johnsonite.com.
 - c. Rappe Corp: www.roppe.com.

2.4 ACCESSORIES

- A. Subfloor Filler: White premix latex; type recommended by adhesive material manufacturer.
- B. Primers, Adhesives, and Seaming Materials: Waterproof; types recommended by flooring manufacturer.
 1. Adhesives: Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.
 - a. Use adhesives that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):
 - 1) Cove Base Adhesives: Not more than 50 g/L.
 - 2) Rubber Floor Adhesives: Not more than 60 g/L.
- C. Moldings, Transition and Edge Strips: As indicated on drawings.
- D. Filler for Coved Base: Plastic.
- E. Sealer and Wax: Types recommended by flooring manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that surfaces are flat to tolerances acceptable to flooring manufacturer, free of cracks that might telegraph through flooring, clean, dry, and free of curing compounds, surface hardeners, and other chemicals that might interfere with bonding of flooring to substrate.
- B. Cementitious Sub-floor Surfaces: Verify that substrates are dry enough and ready for resilient flooring installation by testing for moisture and pH.
 1. Obtain instructions if test results are not within limits recommended by resilient flooring manufacturer and adhesive materials manufacturer.
- C. Verify that required floor-mounted utilities are in correct location.

3.2 PREPARATION

- A. Prepare floor substrates as recommended by flooring and adhesive manufacturers.
- B. Remove sub-floor ridges and bumps. Fill minor low spots, cracks, joints, holes, and other defects with sub-floor filler to achieve smooth, flat, hard surface.
- C. Prohibit traffic until filler is cured.
- D. Clean substrate.

3.3 INSTALLATION

- A. Starting installation constitutes acceptance of sub-floor conditions.

- B. Install in accordance with manufacturer's instructions.
- C. Spread only enough adhesive to permit installation of materials before initial set.
- D. Fit joints tightly.
- E. Set flooring in place, press with heavy roller to attain full adhesion.
- F. Where type of floor finish, pattern, or color are different on opposite sides of door, terminate flooring under centerline of door.
- G. Install edge strips at unprotected or exposed edges, where flooring terminates, and where indicated.
- H. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.
- I. At movable partitions, install flooring under partitions without interrupting floor pattern.
- J. Install feature strips where indicated.

3.4 SHEET FLOORING

- A. Lay flooring with joints and seams parallel to longer room dimensions, to produce minimum number of seams. Lay out seams to avoid widths less than 1/3 of roll width; match patterns carefully at seams.
- B. Double cut sheet at seams.
- C. Lay flooring with tightly butted seams, without any seam sealer unless otherwise indicated.
- D. Finish seams in linoleum by heat welding.

3.5 TILE FLOORING

- A. Mix tile from container to ensure shade variations are consistent when tile is placed, unless manufacturer's instructions say otherwise.
- B. Lay flooring with joints and seams parallel to building lines to produce symmetrical tile pattern.

3.6 RESILIENT BASE.

- A. Install base on solid backing. Bond tightly to wall and floor surfaces.
- B. Scribe and fit to door frames and other interruptions.

3.7 CLEANING

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

3.8 PROTECTION

- A. Prohibit traffic on resilient flooring for 48 hours after installation.

END OF SECTION 09 65 00

09 72 33
TACKABLE COMPOSITE WALL COVERING

PART 1 • GENERAL

1.1 PRINCIPAL WORK IN THIS SECTION

- A. The requirements of the District's General Conditions, Supplementary Conditions, and Division 1 - General requirements apply to the work of this Section.
- B. Coordinate the work of this Section with related trades.
- C. Verify applicable dimensions, clearances and heights at the jobsite.
- D. Furnish materials and perform labor required to execute this work as indicated on the drawings, as specified herein and as necessary to complete the work required by project conditions, including but not limited to:
 - 1. Resilient uni-colored composite cork/linoleum tackable wall covering.
 - 2. Accessories

1.2 REFERENCE STANDARDS

- A. 2010 California Code of Regulations (CCR), Title 24, California Building Standards Commission (CBSC) www.bsc.ca.gov current edition at time of permit issuance.
- B. (CCR) Title 24, (CBSC) Chapter 11 - California Green Building Standards Code
 - 1. Non-residential new construction
 - a. All occupancy types
- C. ATCB ADAAG -Americans with Disabilities Act Accessibility Guidelines, current version.
- D. National Fire Protection Association(NFPA)
- E. Collaborative for High Performance Schools (CHPS), www.chps.net
- F. American Society for Testing and Materials (ASTM), www.astm.org
 - 1. ASTM E 84Fuel Contribution
- G. National Fire Protection Agency (NFPA), www.nfpa.org
 - 1. NFPA 253 Critical RadiantFlux

1.3 PERFORMANCE, TESTING AND INSPECTION

- A. **General:**
 - 1. Comply with manufacturer's standards.
 - 2. Comply with Building Code.
 - 3. Job site inspections shall be done as herein specified and as listed in drawings.

B. Standards:

Hem	Name of Test	Performance	Testing Std.
Wall Covering	Fuel Contribution	Class B	ASTME84
	Critical Radian Flux	Class II	NFPA253
	Flexibility	Will not crack or break when bent around a 2-3/4" diameter cylinder	N/A
	Chemical resistance	Acetic Acid (5%)- no effect	N/A
		Citric Acid (5%)- no effect	N/A
		Lactic Acid (5%)- no effect	N/A
		White Spirits - no effect	N/A
		Turpentine - no effect	N/A
		Ether - no effect	N/A
		Acetone - no effect	N/A
		Hydrogen Peroxide (3%)- no effect	N/A
		Alcohol - no effect	N/A
		Mineral Oil - no effect	N/A
Vegetable Oil - no effect	N/A		
Formalin (2%)- no effect	N/A		
Refer to drawinas and as herein specified			

C. Sustainability:

- 1. Refer to Division 1 sustainability requirements.

09 72 33
TACKABLE COMPOSITE WALL COVERING

2. Refer to product criteria identified herein.

1.4 SUBMITTALS AND MOCK -UPS

- A. Refer to Division 1 for substitution, deviation and/or submittal procedures.
- B. Submit O&M (Operation and Maintenance) manuals in accordance with Division 1 requirements and as herein specified.
- C. Refer to Division 1 for sustainability requirements
- D. Submit Manufacturer's data and shop drawings
- E. Submit Samples:
 - 1. Six (6) each 12"x12" sample of each color and thickness
- F. Site mock-up, refer to "Mock-up" heading.

1.5 QUALITY ASSURANCE

- A. Refer to Division 1 for quality control requirements.
- B. Contractor /Installer/Fabricator shall have been in business for **Five (5)** years providing/installing/finishing similar size projects and complexity.
- C. Manufacturer shall have been in business for **Five (5)** years providing/installing/finishing similar size projects and complexity.
- D. Material with lead times in question or confirmed to be in conflict with meeting the schedule and sequence of construction must be documented at time of bid.

1.6 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Refer to Division 1 for product delivery, storage and handling requirements.
- B. Deliver materials in original factory wrappings and containers, clearly labeled with manufacturer, brand name, and fire hazard classification.
- C. Store materials in original, undamaged packages and containers inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity. Maintain room temperature within the storage area at not less than 70°F (21°C) during the period materials are stored.

1.7 JOB CONDITIONS

- A. Field-verify that all components, substrates, backing, etc. provided by others are installed correctly before proceeding with installation of products as herein specified.
- B. Maintain ambient temperature within the building at not less than 68°F (20°C) for a minimum of 72 hours prior to beginning of installation.
 - 1. Do not install tackable wallcovering until the space is enclosed and weatherproof.
 - 2. Do not install tackable wallcovering until temperature is stabilized and permanent lighting is in place.

1.8 PROTECTION

- A. Protect finish surfaces at all times from surfaces and material adjacent to them.
- B. Finish work defaced with other materials on surface shall be replaced.
- C. Protect work under this section from damage by other trades.

1.9 GUARANTEE/ WARRANTY

- A. Refer to Division 1 for closeout submittal procedures.
- B. Furnish **One (1)** year written warranty signed by manufacturer and installer agreeing to repair and/or replace work which has failed as a result of defects in materials or workmanship.
 - 1. Upon notification of **District** within the warranty period, such defects shall be repaired and replaced at no cost to the **District**.
- C. Furnish Manufacturer's standard **Limited Five (5) year** written warranty

1.10 RELATED WORK/SECTIONS

- A. Related work includes, but is not limited to the following:
 - 1. Substrate material

09 72 33
TACKABLE COMPOSITE WALL COVERING

- B. Related Sections include, but are not limited to the following:
 - 1. Division 1
 - 2. Section 09 29 00 - Gypsum Board and Sheathing Substrates
 - 3. Section 06 10 00 - Rough Carpentry

1.11 OPERATION AND MAINTENANCE DATA

- A. Submit as part of project closeout:
 - 1. Complete instructions regarding maintenance of the materials, finishes, etc.
 - 2. Refer to Division 1 for closeout submittal procedures.

1.12 SEQUENCING AND SCHEDULING

- A. Schedule work and sequence with **General Contractor**.
- B. Schedule required testing, prior to the installation of materials, components, etc.

1.13 EXTRA MATERIAL

- A. Submit as part of project closeout:
 - 1. Provide extra material for each product type, color, finish, etc. in same lot as installed product.
 - a. Furnish written certification that extra materials supplied have been inspected and reconfirmed to be the same as those used in the Work.
 - 2. Provide extra material in unopened fully labeled containers
 - a. Do not supply anything less the full carton containers.
 - b. Furnish in factory packaged and labeled cartons and identify cartons with Project name.
 - c. Deliver materials to project premises just prior to substantial completion, and store at location directed by the **District**.
 - 3. Provide the following:
 - a. 5% minimum of product installed by full width herein specified

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Single source responsibility, specified items shall be from one manufacturer.
- B. Acceptable manufacturers shall be one of the following and as listed herein and in Drawings:
 - 1. Forbo, www.forboflooringNA.com
 - 2. MDC Wallcovering, www.mdcwall.com
 - 3. Reviewed Equivalent by **Architect**.
 - a. Substitutions shall require **Architect's** approval and shall be given in letterform.
 - b. Refer to Division 1 for substitution, deviation and/or submittal procedures.
 - c. Proposed alternate products must be equal in terms of chemical composition, color, finish, configuration, performance standards, etc.
- C. All products and materials indicated shall be installed according to current listed specification requirements and manufacturers specifications/recommendations.
- D. Refer to drawings, details, and other related specification section whether listed or not.
- E. Details shall set basic requirements for size and configuration of systems.

2.2 MATERIALS

- A. Tackable Composite Wall Covering
 - 1. Mfgr: Forbo
 - 2. Type: Homogeneous tackable surface consisting of linseed oil, granulated cork, rosin binders and dry pigments mixed and calendared onto a natural jute backing.
 - a. Uni-color shall extend thru the entire thickness of material.
 - 3. Color: 2206 – Oyster Shell
 - 4. Joints:
 - a. Butted edges
 - 5. Physical Properties:

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- a. Material: Linoleum, resilient, tackable, surface material
 - 1. Resistant to Bacteria
 - 2. Anti-Static
 - 3. Fire Tested:
 - a. ASTM E 84/NFPA 255: Class B
 - 4. Chemical Resistance Testing: ASTM F925
 - b. Width: 48 or 72 inches
 - 1. Use 72" width to minimize seams at conditions when color is available in 72" width
 - c. Gauge/Thickness: inch
 - d. Roll Lengths: 41 yd. (48" width) and 61 yd. (72" width)
 - e. Minimum corner bend:
 - 1. 2-3/4 inches
 - 2. Dimensionally stable due to jutebacking
- B. Adhesive:
- 1. Mfgr: Tackable Composite Wall Covering Manufacturer
 - 2. Product: L910W or manufacturer approved
 - 3. Apply in accordance with Mfgr. Installation instructions.
- C. Primer:
- 1. Mfgr: As approved by Tackable Composite Wall Covering Manufacturer
 - 2. Product: As approved by Tackable Composite Wall Covering Manufacturer
- D. Metal Trim:
- 1. Provide 1" x %" thick Aluminum Metal Trim with Satin Anodized finish at top, bottom and sides of Tackable Composite material, typical.
- E. Substrate
- 1. Refer to Section 09 29 00 - Gypsum Board and Sheathing Substrates

2.3 OTHER MATERIALS

- A. Provide other materials, not specifically described but required for a complete and proper installation, as selected by the **General Contractor** subject to the approval of the **Architect**.

PART 3 - EXECUTION

3.1 INSPECTION/ EXAMINATION

- A. Verification of Conditions:
 - 1. Examine areas and conditions in which tackable wallcoverings will be installed.
 - 2. Identify conditions detrimental to proper or timely completion of work and coordinate with **General Contractor** to rectify.
- B. Surface:
 - 1. Complete finishing operations, including painting, before beginning installation of tackable wallcovering materials.
 - 2. Examine and verify that receiving conditions of substrate have no defects or errors, which would result in poor or potentially defective application or cause latent defects in workmanship.
 - a. Wall surfaces to receive wallcovering materials shall be dry and free from dirt, grease, loose paint, and scale.

3.2 COORDINATION

- A. Refer to Division 1 for project coordination requirements.
- B. **General Contractor** shall coordinate work as herein specified, in accordance with drawings and as required to complete scope of work with all related trades.

3.3 PREPARATION

- A. Prepare work, substrates, etc. in accordance with manufacturer's recommendations.
- B. Surface Preparation: Remove hardware, accessories, plates and similar items to allow tackable wallcovering to be installed.

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1. Plaster surface: Remove surface chalk. In new work, use moisture meter to determine moisture content. Do not begin installation when moisture content is greater than five percent.
 2. Gypsum board surface: Recess nails and screws. Repair irregular tape joints, sand and remove dust.
 3. Painted surface: Remove loose paint or scale. San surface of enamel or gloss paint and rinse with clear water.
 4. Ensure gypsum wallboard surfaces scheduled to receive wallcovering are properly primed under Section 09 90 00.
- C. Prime substrate as recommended by manufacturer.

3.4 INSTALLATION

- A. General:
1. Perform work in accordance with manufacturer's recommendations, as herein specified and in accordance with drawings.
- B. Wall Conditions
1. Walls shall be clean, smooth & permanently dry.
 2. Bulletin board can be adhered directly to walls which are compression and deformation resistant, permanently dry, smooth, and clean. Repair damages and fill crevices in non-smooth walls, then sand and clean the surface. Remove any existing wallcovering and sand off any existing adhesive residue.
 3. Conduct an adhesion bond test prior to installation.
 4. Cinder block and other irregular surfaces must be rendered smooth before applying the Bulletin Board as described above.
- C. Job Conditions
1. Maintain HVAC system at a minimum Of 68° F prior to, during and after the installation.
- D. Cutting Sheets
1. Unroll Bulletin Board and cut with the length adding 1 - 3" of overlap, preferably 24 hours prior to installation. Lay sheets flat and allow them to acclimate at a minimum temperature of 68° F for a minimum of 24 hours. Store the sheets in the room they are to be installed in. Back roll sheets once in reverse direction to release roll stretch and end curl. Bulletin Board shrinks lengthwise and expands slightly widthwise. If proper installation procedures are followed, the shrinkage will be compensated and will not be visible.
- E. Cutting to Size
1. Remove factory edges from both sides. Trim a minimum of *W*. With utility knife, score material about 1/3 of the material thickness, then with hooking blade knife cut along the score line, holding the knife at an angle, to slightly undercut the edge.
 2. Cut straight along top edge or direct scribe.
 3. Leave bottom edge with length of overlap. Bottom edge should be cut to size by direct scribing during installation.
 4. Mark perpendicular starting line.
 5. For best results do not use sheets less than 39" wide.
- F. Adhesive
1. Apply adhesive to wall with a putty knife and spread with a 1/16" square notched trowel in the area of the sheet being applied. If necessary, apply 10 - 12" of contact adhesive or acrylic dispersion to the upper part of the wall and to the back of the Bulletin Board to prevent the sheet from sliding down along the fresh adhesive.
- G. Pressing into the Adhesive
1. Press the sheet of Bulletin Board into the fresh adhesive, starting with the top edge and the side along the perpendicular line. Work from the top downwards, first widthwise, then lengthwise. Roll firmly through the width and then the length with a hand roller to insure proper transfer of adhesive and to remove all air bubbles. Remove adhesive residue immediately with a damp cloth. Mineral spirits may be used to remove dried adhesive.
 - a. On non-porous walls it is best to let the adhesive flash off at least 50% before applying the Bulletin Board material. This will give better initial tack and allow the adhesive to cure properly.

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2. Seaming with Subsequent Sheets
 - a. Cut the subsequent sheet to required length, including 2 - 3" overlap. Do not reverse sheet. Install all sheets in the same direction. Overlap at seam should be a minimum of *W'*. Trim factory edge on opposite side to prepare for the next seam. Draw a pencil line on the wall where the next seam will fall. Spread adhesive with notched trowel from the edge of the first sheet up to the pencil line at the seam edge of the second sheet. Immediately after material has been laid into wet adhesive, under scribe the seam. Scribe should be set for a net fit, so that material will fall into place without force or pressure. This will compensate for the slight expansion that will occur. Next, cut the material along the scribe line using a hooked blade knife and holding it at an angle so as to slightly undercut the material. Roll seam with hand roller. Repeat same procedures for each sheet, completing one sheet at a time, until the job is completed.
 3. When installing Bulletin Board to cover an entire wall, it is best to finish off walls with crown molding and base. Alternatively, the material can be pattern scribed. This is recommended when the material must fit a particular space without the use of molding or base.
 4. Order enough material so there are no cross or butt seams.
- H. Joints shall be:
1. Short Scribe - Remove factory edge from sheet one, stick sheet two onto the wall with a %" overlap over sheet one, scribe sheet two lengthwise with a short scribe and cut with undercut.
 2. Finish
 - a. Finish wall with metal trim as specified herein.
 3. Inside Corners
 - a. For best results, pattern scribing the material will ensure a tight fit between the Bulletin Board sheets.

3.5 FIELD QUALITY CONTROL

- A. Product manufacturer shall provide field service support as requested by the Installer/Applicator
 1. **General Contractor** and the product manufacturer shall make periodic on-site inspections to ensure that the materials are being installed in strict accordance with manufacturer's specifications.
 2. The Applicator shall be responsible for the proper application of the materials.
- B. The Applicator shall certify in writing the quality of work performed relative to the substrate system, details, installation procedures and workmanship is in accordance with project specifications and manufacturer's instructions.

3.6 PROTECTION AND CLEAN UP

- A. Refer to Division 1 for protection and cleaning requirements.
 1. Keep areas of work free from debris as work progresses.
 2. Clean wallcovering using a sponge with a neutral pH cleaning solution. Do not use abrasive cleaners. Rinse thoroughly with water and let dry before using.
 3. Remove excess adhesive using methods and materials recommended by manufacturer.
- B. Subcontractor will keep the work areas in a clean and safe condition so his rubbish, waste, and debris do not interfere with the work of others.
- C. Protect work and materials of this Section prior to and during installation, and protect the installed work and materials of other trades.
- D. In the event of damage, immediately make all repairs and replacements necessary to the approval of the Architect and at no cost to the **Owner District**.
- E. After completion of work in this section, remove all erection equipment and implements of service, and debris.
 1. Leave entire area in a neat, clean, acceptable condition.
- F. Provide Guarantee/Warranties and Bonds as required in this specification section and as listed in Division 1 closeout submittal procedures.
- G. Provide record drawings in accordance with Division 1 closeout submittal procedures.

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- H. Closing, on-site, inspection will be at the discretion of the Architect after he received the **General Contractor's NOTICE** - Certificate of Substantial Completion.

END OF SECTION

SECTION 101400 – SIGNAGE

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
 - 1. Plaques.
 - 2. Dimensional characters.
 - 3. Panel signs.
- B. Related Sections include the following:
 - 1. Division 26 Sections for electrical service and connections for illuminated signs.

1.2 DEFINITIONS

- A. ADA-ABA Accessibility Guidelines: U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines; 2013 California Building Code"

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: Show fabrication and installation details for signs.
 - 1. Show sign mounting heights, locations of supplementary supports to be provided by others, and accessories.
 - 2. Provide message list, type styles, graphic elements, including tactile characters and Braille, and layout for each sign.
- C. Samples for Verification: For each of the products and for the full range of color, texture, and sign material indicated, of sizes indicated.
- D. Sign Schedule: Use same designations indicated on Drawings.
- E. Maintenance Data: For signs to include in maintenance manuals.
- F. Warranty: Three years from date of occupancy.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Fabricator of products.
- B. Fabricator Qualifications: Shop that employs skilled workers who custom-fabricate products similar to those required for this Project and whose products have a record of successful in-service performance.
- C. Source Limitations for Signs: Obtain each sign type indicated from one source from a single manufacturer.
- D. Regulatory Requirements: Comply with applicable provisions in ADA-ABA Accessibility Guidelines and California Building Code.

1.5 PROJECT CONDITIONS

- A. Weather Limitations: Proceed with installation only when weather conditions permit installation of signs in exterior locations to be performed according to manufacturers' written instructions and warranty requirements.
- B. Field Measurements: Verify recess openings by field measurements before fabrication and indicate measurements on Shop Drawings.

1.6 COORDINATION

- A. Coordinate placement of anchorage devices with templates for installing signs.

1.7 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of signs that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Deterioration of finishes beyond normal weathering.
 - b. Deterioration of embedded graphic image colors and sign lamination.
 - 2. Warranty Period: Three years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. As indicated in Drawings (If not, provide Acrylic Sheet: ASTM D 4802, Category A-1 (cell-cast sheet), Type UVA (UV absorbing).
- B. Applied Vinyl: Die-cut characters from vinyl film of nominal thickness of 3 mils (0.076 mm) with pressure-sensitive adhesive backing, suitable for exterior applications, U.N.O.
- C. At glazing mount condition, use epoxy adhesive recommended by manufacturer.

2.2 PLAQUES

- A. N/A

2.3 DIMENSIONAL CHARACTERS

- A. N/A

2.4 PANEL SIGNS

- A. Subject to compliance with requirements, provide the product indicated on Drawings or a comparable product by one of the following:
 - 1. BASIS OF DESIGN: Advance Corporation; Braille-Tac Division.
 - 2. ASI-Modulex, Inc.
 - 3. Gemini Incorporated.
 - 4. Mohawk Sign Systems.
 - 5. Vomar Products.
- B. Interior Panel Signs: Provide smooth sign panel surfaces constructed to remain flat under installed conditions within a tolerance of plus or minus 1/16 inch (1.5 mm) measured diagonally from corner to corner.
 - 1. Material: As indicated on drawings (If not shown, provide 6mm Acrylic Sheet: ASTM D 4802, Category A-1 (cell-cast sheet), Type UVA (UV absorbing). Interior Exit signs to be 6" x 4" with Braille.
 - 2. Color: Interior Exit signs to be Black with White lettering.
- C. Exterior Panel Signs: Provide smooth sign panel surfaces constructed to remain flat under installed conditions within a tolerance of plus or minus 1/16 inch (1.5 mm) measured diagonally from corner to corner.
 - 1. Building:
 - a. Material: As indicated on drawings (If not shown, provide laminated 6mm Polycarbonate face adhered to a 3mm Acrylic Sheet: ASTM D 4802, Category A-1 (cell-cast sheet), Type UVA (UV absorbing). Exterior Sign to be 6" x 4" with braille.
 - b. Color: Exterior sign to be Red with White lettering.

2. Site:
 - a. As indicated on drawings.

2.5 ACCESSORIES

- A. Anchors and Inserts: Provide vandal proof nonferrous-metal or hot-dip galvanized anchors and inserts for exterior installations and elsewhere as required for corrosion resistance. Use toothed steel or lead expansion-bolt devices for drilled-in-place anchors. Furnish inserts, as required, to be set into concrete or masonry work. No double-sided tape acceptable unless mount on glazing with double sided sheet covering full extent of sign (no tape).

2.6 FABRICATION

- A. Do not proceed with fabrication until the signage product submittal package has been reviewed by Architect and Owner. All room identification signage to be submitted for review and approval by Owner.
- B. Contrast between characters/ graphics and background must be 70% minimum. For background, match Dunn Edwards Royal Red Flush (DET425) and for text match Dunn Edwards Navajo White (DEC722) Finish and contrast shall comply with the requirements of California Building Code, Section 11B-703.5.1.
- C. Raised Characters: 'Avalon' font, all uppercase, beveled or rounded characters, height as indicated in drawings.
- D. Braille: California Grade 2 Braille, per California Building Code, Section 11B-703.3 and Section 11B-703.4. Use rounded or domed Braille dots, each distinct and separate.
- E. General: Provide manufacturer's standard signs of configurations indicated.
 1. Welded Connections: Comply with AWS standards for recommended practices in shop welding. Provide welds behind finished surfaces without distortion or discoloration of exposed side. Clean exposed welded surfaces of welding flux and dress exposed and contact surfaces.
 2. Mill joints to tight, hairline fit. Form joints exposed to weather to exclude water penetration.
 3. Preassemble signs in the shop to greatest extent possible. Disassemble signs only as necessary for shipping and handling limitations. Clearly mark units for reassembly and installation, in location not exposed to view after final assembly.
 4. Conceal fasteners if possible; otherwise, locate fasteners where they will be inconspicuous.

2.7 FINISHES, GENERAL

- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
8. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.
- B. Verify that items are sized and located to accommodate signs.

- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Locate signs and accessories where indicated, using mounting methods of types described and complying with manufacturer's written instructions.
 - 1. Install signs level, plumb, and at heights indicated, with sign surfaces free of distortion and other defects in appearance.
- B. Wall-Mounted Signs: Comply with sign manufacturer's written instructions except where more stringent requirements apply.
 - 1. Mechanical Fasteners: Use nonremovable mechanical fasteners (vandal resistant) placed through predrilled holes. Attach signs with fasteners and anchors suitable for secure attachment to substrate as recommended in writing by sign manufacturer. At exterior locations, use stainless steel fasteners. At glazed condition use Two-Face Tape.
 - 2. Signs Mounted on Glass: Provide matching opaque plate on opposite side of glass to conceal mounting materials.

3.3 CLEANING AND PROTECTION

- A. After installation, clean soiled sign surfaces according to manufacturer's written instructions. Protect signs from damage until acceptance by Owner.

END OF SECTION 101400