

PROJECT MANUAL

Access Control Door Hardware Retrofit (COS Hanford Campus)

March 11, 2024

COLLEGE OF THE SEQUOIAS
SEQUOIAS COMMUNITY COLLEGE DISTRICT

PROJECT MANUAL

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(141 pages, 8.5x11 format, provided for reference only)

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(9 pages, 11x17 format, provided for reference only)

NOTICE TO BIDDERS

DISTRICT	Sequoias Community College District
PROJECTNAME	Access Control Door Hardware Retrofit (COS Hanford Campus)
PROJECT DESCRIPTION	Removal and replacement of existing door hardware access control system on the COS Hanford Campus.
BID PROPOSALS DUE DATE / TIME	Tuesday, March 26, 2024 @ 2:00 p.m. <i>Bid opening will occur immediately following receipt of responsive bids.</i>
LOCATION FOR SUBMISSION OF BID PROPOSALS	<p>College of the Sequoias – Hanford Campus Education Building – Room E63 925 13th Avenue Hanford, California 93230</p> <p>Parking permit required to park on District property and may be purchased on site. Please plan accordingly.</p> <p><i>Bids submitted in advance of due date are to be delivered to:</i> College of the Sequoias – Visalia Campus Facilities Office (Blue Oak Building – Room 901) Attn: Byron Woods 915 S. Mooney Blvd. Visalia, CA 93277</p>
LOCATION FOR OBTAINING BID AND CONTRACT DOCUMENTS	<p>To obtain the drawings and specifications, which will only be issued electronically, bidders shall contact:</p> <p>Byron Woods Dean of Facilities College of the Sequoias Email: byronw@cos.edu Phone: (559) 730-3908</p>

NOTICE IS HEREBY GIVEN that the above-named California Community College District, acting by and through its Board of Trustees, hereinafter the “District” will receive up to, but not later than the above-stated date and time, sealed Bid Proposals for the Contract for the Work of the Project generally described as: **Access Control Door Hardware Retrofit (COS Hanford Campus)**. Work shall be completed within eighty (80) calendar days – see Project Manual (Special Conditions, Article 6. Milestones) for Project Schedule restrictions and requirements. Estimated construction budget is **Four Hundred Twenty-Five Thousand Dollars (\$425,000)**.

Submittal of Bid Proposals. All Bid Proposals shall be submitted on forms furnished by the District. Bid Proposals must conform with, and be responsive to, the Bid and Contract Documents, copies of which may be obtained from the District as set forth above. Only Bid Proposals submitted to the District at or prior to the date and time set forth above for the public opening and reading of Bid Proposals shall be considered. Upon submittal of such Bid Proposal, neither withdrawal nor modifications to any portion of the Bid Proposal shall be permitted, unless written request for withdrawal or modification is received by the District prior to the due date and time for submission of Bid Proposals.

Bid and Contract Documents. The Bid and Contract Documents are available at the location identified above beginning March 12, 2024.

Documents Accompanying Bid Proposal. Each Bid Proposal shall be accompanied by: (a) the required Bid Security; (b) Subcontractors List; (c) Non-Collusion Affidavit; (d) Contractor's Certificate Regarding Workers' Compensation; (e) Prevailing Wage Compliance Certification; and (f) Verification of Contractor and Subcontractors' DIR Registration. The successful bidder shall also be required to enter into a written Agreement on a form provided by the District. All information or responses of a Bidder in its Bid Proposal and other documents accompanying the Bid Proposal shall be complete, accurate and true; incomplete, inaccurate or untrue responses or information provided therein by a Bidder shall be grounds for the District to reject such Bidder's Bid Proposal for non-responsiveness.

Prevailing Wage Rates. Pursuant to California Labor Code §1773, the Director of the Department of Industrial Relations of the State of California has determined the generally Prevailing Wage Rates in the locality in which the Work is to be performed. The Contractor and all Subcontractors performing any portion of the Work shall pay not less than the applicable PWRs for the classification of labor provided by their respective workers in the execution of the Work. Pursuant to California Labor Code §1771.4(a)(4), PWR monitoring and enforcement shall be by the Department of Industrial Relations.

DIR Registration Verification. Each Bidder submitting a proposal to complete the Work, labor, materials and/or services subject to this procurement, must be a Department of Industrial Relations (DIR) registered contractor pursuant to Labor Code §1725.5 ("DIR Registered Contractor"). A Bidder who is not a DIR Registered Contractor when submitting a proposal for the Work is deemed "not qualified" and the proposal of such a Bidder will be rejected for non-responsiveness. Pursuant to Labor Code §1725.5, all Subcontractors identified in a Bidder's Subcontractors' List shall be DIR Registered Contractors. If awarded the Contract for the Work, at all times during performance of the Work, the Bidder and all Subcontractors, of any tier, shall be DIR Registered Contractors.

Contractor's License Classification. In accordance with the provisions of California Public Contract Code §3300, the District requires that Bidders possess, at the time of submission of a Bid Proposal, at the time of award of a Contract for a Bid Package, and at all times during the Work, the classification(s) of a California Contractors License for each Bid Package as set forth below. Any Bidder not so duly and properly licensed shall be subject to all penalties imposed by law. No payment shall be made for work, labor, materials or services provided under the Contract for the Work until the Registrar of Contractors verifies to the District that the Bidder awarded the Contract is properly and duly licensed to perform the Work. **Prospective Bidders shall be**

required to have a valid Class B Contractor's License.

District Standards. In accordance with California Public Contract Code §3400, a designee of the District has made a finding that particular materials, products, things, and/or services are to be designated in the Contract Documents by specific brand or trade name for the following purpose: in order to match other products in use on a particular public improvement either completed or in the course of completion ("District Standards"). The District Standards may be designated elsewhere in the Contract Documents.

Bid Security. Bids must be accompanied by a bidder's bond or certified check for at least ten percent (10%) of the amount of the bid and payable to the District, which shall be given as a guarantee that the Bidder will enter into a contract if awarded the Work. Said bond or certified check will be declared forfeited, paid to, or retained by the District as Liquidated Damages if the Bidder refuses or neglects to enter into the Contract provided by the District.

Pre-Bid Conference. A mandatory job walk will be conducted on Wednesday, March 20, 2024 at the College of the Sequoias - Hanford Campus (925 13th Avenue, Hanford, CA 93230). Bidders shall meet in the breezeway between the Education and Public Safety buildings at 10:00 a.m. It is the Bidder's sole responsibility to understand the Work and existing site conditions prior to submittal of any Bid Proposals.

Waiver of Irregularities. The Board of Trustees reserves the right to reject any or all proposals, waive any informality in the receiving of bids, and consider quality, convenience, and reasonable qualifications, as well as price, in making awards.

Refer questions regarding this bid to: Byron Woods, Dean of Facilities, College of the Sequoias, byronw@cos.edu, or (559) 730-3908.

SEQUOIAS COMMUNITY COLLEGE DISTRICT

PUBLISHED: March 12, 2024 and March 19, 2024.

INSTRUCTIONS TO BIDDERS

PROJECTS INVOLVING LABOR

No Bid Proposals shall receive consideration by the Sequoias Community College District unless made in accordance with the following instructions:

1. Scope of Work. The scope of work entails a complete retrofit of the existing access control door hardware system on the College of the Sequoias - Hanford Campus. See Project Specifications Section 087100 (Door Hardware), Section 281500 (Integrated Access Control Hardware Devices), and Appendix A (ASSA Abloy Site Survey Report) for a detailed scope of work. Appendix B (COS Hanford Campus Building Floor Plans) has been provided for reference only.

2. Preparation and Submittal of Bid Proposal.

2.1. Bid Proposal Forms. Bid proposals must be made on a form obtained from the District. All information required by the bid forms must be completely and accurately provided. Numbers shall be stated in both words and figures where so indicated in the bid forms; conflicts between a number stated in words and in figures are governed by the words. Signatures of all individuals must be in long-hand form. If any Bid Proposal or portions thereof, is determined by the District to be illegible, ambiguous or inconsistent, whether by virtue of any erasures, interlineations, corrections or otherwise, the District may reject such a Bid Proposal as being non-responsive. Partially completed Bid Proposals or Bid Proposals submitted on other than the bid forms included herein are non-responsive and will be rejected. Bid Proposals not conforming to these Instructions to Bidders and the Notice to Bidders may be deemed non-responsive and rejected. Each bid must have the full business address of the Bidder and must be signed by the Bidder with his or her usual signature. Bids by partnership must furnish the full names of all partners and must be signed in the partnership name by a general partner with authority to bind the partnership in such matter. Bids by corporations must be signed with the legal name of the corporation, followed by the signature and designation of the president, secretary, or other person authorized to bind the corporation in this matter. The name of each person signing shall also be typed or printed below the signature. When requested by the District, satisfactory evidence of the authority of the officer signing on behalf of the corporation shall be furnished. A Bidder's failure to properly sign required forms may result in rejection of the bid.

2.2. Bid Proposal Submittal. Bid Proposals shall be submitted at the place designated in the Notice to Bidders, in sealed envelopes bearing on the outside the Bidder's name and address, along with the Project Name for which the Bid Proposal is submitted. Bidders are solely responsible for timely submission of Bid Proposals to the District at the place designated in the Notice to Bidders.

2.3. Date and Time of Bid Proposal Submittal. Bid Proposals must be sealed and submitted to the location below no later than the hour and date specified in the Notice

to Bidders. The District recommends that bids be hand delivered in order to insure their timely receipt.

Bid Opening Date/Time: **Tuesday, March 26, 2024 @ 2:00 p.m.**
Bid opening will occur immediately following receipt of responsive bids.

Bid Opening Location: College of the Sequoias – Hanford Campus
 Education Building – Room E63
 925 13th Avenue
 Hanford, California 93230

Bids submitted in advance of due date are to be delivered to: College of the Sequoias – Visalia Campus, Attn: Byron Woods (Facilities Office), 915 S. Mooney Blvd., Visalia, CA 93277

- 2.4. Withdrawal of Bid Proposal.** Bid Proposals may be withdrawn by a Bidder prior to the time fixed for the opening of bids, but may not be withdrawn for a period of forty-five (45) days after the opening of bids. A successful bidder shall not be relieved of the bid submitted without the District's consent or Bidder's recourse to Public Contract Code §5100 et. seq.

3. Pre-Bid Conference. A **mandatory** job walk will be conducted on **Wednesday, March 20, 2024 at the College of the Sequoias - Hanford Campus (925 13th Avenue, Hanford, CA 93230).** Bidders shall meet in the breezeway between the Education and Public Safety buildings at **10:00 a.m.** It is the Bidder's sole responsibility to understand the Work and existing site conditions prior to submittal of any Bid Proposals. Parking permits are strictly enforced at all COS campuses. Please plan accordingly.

4. Pre-Bid Request for Information or Clarification. Any questions regarding this bid shall be directed to: Byron Woods, Dean of Facilities, College of the Sequoias, byronw@cos.edu, or (559) 730-3908.

5. Documents Accompanying Bid Proposal; Signatures. The Bid Proposal must be submitted with: (a) the required Bid Security; (b) Subcontractors List; (c) Non-Collusion Affidavit; (d) Contractor's Certificate Regarding Workers' Compensation; (e) Prevailing Wage Compliance Certification; and (f) Verification of Contractor and Subcontractors' DIR Registration. The Bid Proposal and Non-Collusion Affidavit shall be executed by an individual duly authorized to execute the same on behalf of the Bidder.

6. Bid Security.

- 6.1. Required Bid Security.** Bid Proposals should be accompanied by a certified cashier's check or bidder's bond from an admitted surety in the state of California (see Public Contract Code Article 41, §20651.5), for an amount not less than ten percent (10%) of the maximum amount of the Bid Proposal for the Work, inclusive of any additive Alternate Bid Item(s). The cashier's check or bidder's bond shall be made payable to the order of: Sequoias Community College District. The Bid Bond is due at the same

date and time as the Bid Proposal and the bond shall be given as a guarantee that the Bidder will enter into the Contract if awarded the Work. Any Bid Proposal submitted without the required Bid Security is deemed non-responsive and will be rejected. If the Bid Security is in the form of a Bid Bond, the Bidder's Bid Proposal shall be deemed responsive only if the Bid Bond is in the form and content included herein and the Surety is an Admitted Surety Insurer under Code of Civil Procedure §995.120.

- 6.2. **Forfeiture of Bid Security.** If the Bidder awarded the Contract fails or refuses to execute the Agreement within ten (10) calendar days from the date of receiving notification that it is the Bidder to whom the Contract has been awarded, the District may declare the Bidder's Bid Security forfeited as damages caused by the failure of the Bidder to enter into the Contract and may thereupon award the Contract for the Work to the responsible Bidder submitting the next lowest priced Bid Proposal or may call for new bids, in its sole and exclusive discretion.
- 6.3. **Bid Security Return.** The Bid Security of three or more low Bidders, the number being solely at the discretion of the District, will be held by the District for ten (10) days after the period for which Bid Proposals must be held open (which is set forth in the Notice to Bidders) or until posting by the successful Bidder(s) of the bonds, certificates of insurance required and return of executed copies of the Agreement, whichever first occurs, at which time the Bid Security of such other Bidders will be returned to them.

7. Subcontractors.

- 7.1. **Designation of Subcontractors; Subcontractors List.** In accordance with Public Contract Code §4104, the Subletting and Subcontracting Fair Practices Act (California Public Contract Code §4100 et seq.), each Bidder shall submit, on the form of Subcontractors List included with the Contract Documents, a list of its proposed Subcontractors for the proposed Work who will perform/provide portions of the Work valued at or more than one-half (1/2) of one percent (1%) of the amount proposed by the Bidder for the Work. Each Bidder's shall provide the "Kind of Work", "Company Name and Address", "DIR Registration #" and "License #" for each Subcontractor identified in the Bidder's Subcontractor List. If the portion of the Subcontractors List entitled "License #" is not completed on the form of Subcontractors List submitted by a Bidder concurrently with its Bid Proposal, such Bidder shall, not later than twenty-four (24) hours after the time when the District commences the public opening and reading of Bid Proposals, submit the Subcontractor's Contract License No. for each listed Subcontractor. Failure of a Bidder to provide all information required by the Subcontractors List within the time(s) set forth above will result in rejection of the Bidder's Bid Proposal for non-responsiveness.
- 7.2. **Work of Subcontractors.** All Bidders are referred to the Contract Documents and the notation therein that all Contract Documents are intended to be complementary and that the organization or arrangements of the Specifications and Drawings shall not limit the extent of the Work of the Contract Documents. Accordingly, all Bidders are encouraged to disseminate all of the Specifications, Drawings and other Contract

Documents to all persons or entities submitting sub-bids to the Bidder. The omission of any portion or item of Work from the Bid Proposal or from the sub-bidders' sub-bids which is/are necessary to produce the intended results and/or which are reasonably inferable from the Contract Documents is not a basis for adjustment of the Contract Price or the Contract Time. Dissemination of the Contract Documents to sub-bidders and dissemination of addenda issued during the bidding process is solely the responsibility of each Bidder.

- 7.3. Subcontractor Bonds.** In accordance with California Public Contract Code §4108, if a Bidder requires a bond or bonds of its Subcontractor(s), whether the expense of procuring such bond or bonds are to be borne by the Bidder or the Subcontractor(s), such requirements shall be specified in the Bidder's written or published request for sub-bids. Failure of the Bidder to comply with these requirements shall preclude the Bidder from imposing bonding requirements upon its Subcontractor(s) or rejection of a Subcontractor's bid under California Public Contract Code §4108(b).

8. Bidders Interested in More Than One Bid Proposal; Non-Collusion Affidavit. No person, firm, corporation or other entity shall submit or be interested in more than one Bid Proposal for the same Work; provided, however, that a person, firm or corporation that has submitted a sub-proposal to a Bidder or who has quoted prices for materials to a Bidder is not thereby disqualified from submitting a sub-proposal, quoting prices to other Bidders or submitting a Bid Proposal for the proposed Work to the District. The form of Non-Collusion Affidavit included in the Contract Documents must be completed and duly executed on behalf of the Bidder. Failure of a Bidder to submit a completed and executed Non-Collusion Affidavit with its Bid Proposal will render the Bid Proposal non-responsive.

9. Workers' Compensation Insurance. Pursuant to California Labor Code §3700, the successful Bidder shall secure Workers Compensation Insurance for its employees engaged in the Work of the Contract. The successful Bidder shall sign and deliver to the District the following certificate prior to performing any of the Work under the Contract:

"I am aware of the provisions of §3700 of the California 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 the Contract." The form of such Certificate is included as part of the Contract Documents.

10. Prevailing Wage Rate. In accordance with the provisions of §1700, et. seq. of the Labor Code, the Director of the Department of Industrial Relations of the State of California has determined the general prevailing rates of wages and employer payments for health and welfare, pension, vacation, travel time, and subsistence pay as provided for in §1773.8. Said wages are on file with the Department of Industrial Relations, Division of Apprenticeship Standards, 445 Golden Gate Avenue, San Francisco, CA, as well as the District, and are available to any interested party upon request. It shall be mandatory upon the Contractor and upon any Subcontractor to pay not less than the specified rates to all laborers, workers, and mechanics employed by them in the execution of the

Contract.

11. DIR Registration Requirements.

11.1. DIR Registration Verification. A form of DIR Registration Verification is included with the Contract Documents. Each Bidder shall submit the completed DIR Registration Verification form executed by a duly authorized officer or employee of the Bidder with the Bidder's Proposal for the Work; failure of a Bidder to do so will render the Bid Proposal non-responsive and rejected. The Bid Proposal of the Bidder who does not verify to all matters set forth in the DIR Registration Verification form will be rejected for non-responsiveness.

11.2. Bidder DIR Registered Contractor Status. In addition to other requirements established herein relating to Bidder qualifications in order to be deemed "qualified" to submit a proposal for the Work, the Bidder must be a DIR Registered Contractor when submitting a proposal. The proposal of a Bidder who is not a DIR Registered Contractor when the Bid Proposal is submitted will be rejected for non-responsiveness.

11.3. Subcontractors' DIR Registered Contractor Status. All Subcontractors identified in a Bidder's Subcontractors' List must be DIR Registered Subcontractors at the time of submittal of the Bid Proposal for Work. The foregoing notwithstanding, a Proposal is not subject to the rejection for non-responsiveness when the Subcontractors List accompanying the Bid Proposal lists any Subcontractor(s) who is/are not DIR Registered Contractors if the listed Subcontractor(s) who are not DIR Registered become DIR Registered prior to the opening of proposals or become DIR Registered within twenty-four (24) hours of the opening of proposals pursuant to Labor Code §1771.1(c)(1) or (2). If the Subcontractors List accompanying the Bid Proposal lists any Subcontractor(s) who is/are not DIR Registered Contractors and the listed Subcontractor(s) who is/are not DIR Registered do not become DIR Registered prior to the opening of proposals or become DIR Registered within twenty-four (24) hours of the opening of proposals pursuant to Labor Code §1771.1(c)(1) or (2), such proposal is not subject to the rejection for non-responsiveness, provided that if the Bidder submitting the Subcontractors List with non-DIR Registered Subcontractor(s) is awarded the Contract for the Work, the Bidder shall request consent of the District to substitute another Subcontractor for the non-DIR Registered Subcontractor pursuant to Labor Code §1771.1(c)(3), without adjustment of the Contract Price or the Contract Time.

12. Contractor's License. No Bid Proposal will be considered from a Bidder who, at the time Bid Proposals are publicly opened, is not licensed to perform the Work, in accordance with the Contractor's License Law, California Business & Professions Code §7000 et. seq. This requirement is not a mere formality and will not be waived by the District or its Board of Trustees.

13. Drug-Free Workplace Certificate. In accordance with California Government Code §§8350 et seq., the Drug Free Workplace Act of 1990, the successful Bidder will be required to execute a Drug Free Workplace Certificate concurrently with execution of the Agreement. The successful

Bidder will be required to implement and take the affirmative measures outlined in the Drug Free Workplace Certificate and in California Government Code §§8350 et seq. Failure of the successful Bidder to comply with the measures outlined in the Drug Free Workplace Certificate and in California Government Code §§8350 et seq. 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.

14. Examination of Site and Contract Documents. Each Bidder shall, at its sole cost and expense, inspect the Site and become fully acquainted with the Contract Documents and conditions affecting the Work. The Bidder shall also be responsible for investigating construction documents from previously completed projects that may directly or indirectly impact the proposed project scope of work; such documents may be requested through the College of the Sequoias – Facilities Office. No bidder shall visit the site without prior authorization; all Bidders are required to contact the College of the Sequoias – Facilities Office for coordination of site visits. Submission of a Bid Proposal constitutes acceptance of the terms of this provision. Failure of a Bidder to receive or examine any of the Contract Documents or to inspect the Site prior to submitting a Bid Proposal shall not relieve such Bidder from any obligation with respect to the Bid Proposal or the Work required under the Contract Documents. The District assumes no responsibility or liability of any Bidder for, nor shall the District be bound by, any understandings, representations or agreements of the District’s agents, employees or officers concerning the Contract Documents or the Work made prior to execution of the Contract which are not in the form of Bid Addenda duly issued by the District. The submission of a Bid Proposal shall be deemed prima facie evidence of the Bidder’s full compliance with the requirements of this section.

15. Bidder’s Assumptions. Neither the District nor its employees or representatives shall be responsible for any assumptions used by the Bidder in calculating its Bid Proposal Amount including, without limitation, assumptions regarding costs of labor, materials, equipment and proposed but unapproved substitutions or alternatives. The successful Bidder, upon award of the Contract by the District, if any, will be required to complete the Work for the amount identified in the Bid Proposal, within the Contract Time and in accordance with the Contract Documents.

16. Agreement. The Agreement in which the successful Bidder, as Contractor, will be required to execute, is included in the Contract Documents and shall be carefully examined by the Bidder. The required number of executed copies of the Agreement is specified in the Contract Documents.

17. Addenda or Bulletins. Any addenda or bulletins issued during the time of bidding shall form a part of the drawings and specifications issued to Bidders for the preparation of their Proposals and shall constitute a part of the Contract Documents.

18. Modifications. Before the public opening and reading of Bid Proposals, the District may modify the Work, the Contract Documents, or any portion(s) thereof by the issuance of written addenda disseminated to all Bidders who have obtained a copy of the Bid Package (Specifications, Drawings and Contract Documents) pursuant to the Notice to Bidders. If the District issues any addenda during the bidding process, the failure of any Bidder to acknowledge such addenda in its Bid Proposal may render the Bid Proposal non-responsive and rejected. Changes to the bid forms which are not specifically called for or permitted may result in the District’s rejection of the Bid Proposal as being non-responsive. No oral or telephonic modification of any submitted Bid

Proposal will be considered. A written request for interpretation, clarification or correction to the Bid Documents from an interested Bidder may be considered for publication via addenda only if received by the District at least seventy-two* (72) hours prior to the scheduled closing time for receipt of Bid Proposals and the public opening thereof. The District will not respond to any requests for clarification or interpretation of the Bid Documents within seventy-two* (72) hours of the scheduled bid opening. The District will not be responsible for any third party direction or instructions to bidders not specifically identified in the General and Supplemental Conditions, Notice to Bidders, and/or Instructions to Bidders. Only communication issued by the contact person(s) identified in the Notice to Bidders ("LOCATION FOR OBTAINING BID AND CONTRACT DOCUMENTS") shall be valid.

**The seventy-two (72) hour deadline excludes weekends and holidays as identified per the District's academic calendar (visit www.cos.edu for the current academic calendar). For example, a bid opening scheduled on a Tuesday at 2pm would require any pre-bid RFIs to be submitted no later than the prior Thursday at 2pm.*

19. Award of Contract.

- 19.1. Waiver of Irregularities or Informalities.** The District reserves the right to accept or reject any and all Bid Proposals, or to waive any irregularities or informalities in any Bid Proposal or in the bidding process.
- 19.2. Determination of Lowest Priced Bid Proposal; Award of Contract.** Award of the Contract for a Bid Package, if made by the District through action of its Board of Trustees, will be to the responsible Bidder whose Base Bid is the lowest of those bids received. The foregoing notwithstanding, the scope of the Contract awarded for a Bid Package will be limited to the Base Bid and such Alternate Bid Items as determined by the District in its discretion, based on available funding.
- 19.3. Alternate Bid Items.** If the Bid Proposal includes an Alternate Bid Item(s), the price(s) proposed by a Bidder for each Alternate Bid Item shall be set forth on the Bid Proposal. Failure of the Bidder to propose prices for each Alternate Bid Item listed on the Bid Proposal will render the Bid Proposal non-responsive and rejected.
- 19.4. Alternate Bid Items Not Included in Award of Contract.** Bidders are referred to the provisions of the Contract Documents permitting the District, during performance of the Work, to add or delete from the scope of the Work any or all of the Alternate Bid Items with the cost or credit of the same being the amount(s) set forth by each Alternate Bid Item in the Bid Proposal.
- 19.5. Responsive Bid Proposal.** A responsive Bid Proposal shall mean a Bid Proposal which conforms, in all material respects, to the Bid and Contract Documents.
- 19.6. Evidence of Responsibility.** The District may request that a bidder submit promptly to the District satisfactory evidence showing the Bidder's financial resources, the Bidder's experience in the type of work being required by the District, the Bidder's organization available for the performance of the Contract and any other required

evidence of the Bidder's qualifications to perform the proposed Contract. The District may consider such evidence before making its decision to award the proposed Contract. Failure to submit evidence of a Bidder's responsibility to perform the proposed Contract may result in rejection of the Bid Proposal.

- 19.7. Responsible Bidder.** A responsible Bidder is a Bidder who has the capability in all respects, to perform fully the requirements of the Contract Documents and the moral business integrity and reliability which will assure good faith performance. In determining responsibility, the following criteria will be considered: (i) the ability, capacity and skill of the Bidder to perform the Work of the Contract Documents; (ii) whether the Bidder can perform the Work promptly and within the time specified, without delay or interference; (iii) the character, integrity, reputation, judgment, experience and efficiency of the Bidder; (iv) the quality of performance of the Bidder on previous contracts, by way of example only, the following information will be considered: (a) the administrative, consultant or other cost overruns incurred by the District on previous contracts with the Bidder; (b) the Bidder's compliance record with contract general conditions on other projects; (c) the submittal by the Bidder of excessive and/or unsubstantiated extra cost proposals and claims on other projects; (d) the Bidder's record for completion of work within the contract time and the Bidder's compliance with the scheduling and coordination requirements on other projects; (e) the Bidder's demonstrated cooperation with the District and other contractors on previous contracts; (f) whether the work performed and materials furnished on previous contracts was in accordance with the Contract Documents; (v) the previous and existing compliance by the Bidder with laws and ordinances relating to contracts; (vi) the sufficiency of the financial resources and ability of the Bidder to perform the work of the Contract Documents; (vii) the quality, availability and adaptability of the goods or services to the particular use required; (viii) the ability of the Bidder to provide future maintenance and service for the warranty period of the Contract; (ix) whether the Bidder is in arrears on debt or contract or is a defaulter on any surety bond; (x) whether the Bidder has accomplished similar construction work in a safe manner as reflected by the Workman's Compensation Experience Modification Rating of less than 1.25; and (xi) such other information as may be secured by the District having a bearing on the decision to award the Contract, to include without limitation the ability, experience and commitment of the Bidder to properly and reasonably plan, schedule, coordinate and execute the Work of the Contract Documents and whether the Bidder has ever been debarred from bidding or found ineligible for bidding on any other projects. The ability of a Bidder to provide the required bonds will not of itself demonstrate responsibility of the Bidder.
- 19.8. Bid Negotiations.** A bid response to any specific item of this bid with terms such as "negotiable", "will negotiate" or similar, will be considered as non-compliance with that specific item.
- 19.9. Notice of Intent to Award Contract.** Following the public opening and reading of Bid Proposals, the District will issue a Notice of Intent to Award the Contract, identifying the Bidder to whom the District intends to award the Contract and the date/time/place of the District's Board of Trustees meeting at which award of the

Contract will be considered. The Bid Tabulation sheet identifying all Bid Proposals received by the District for the Work will also be included in the Notice of Award documents.

19.10. Public Records. Bid Proposals and other documents responding to the Notice to Bidders become the exclusive property of the District upon submittal to the District. At such time as the District issues the Notice of Intent to Award the Contract pursuant to these Instructions to Bidders, all Bid Proposals and other documents submitted in response to the Notice to Bidders become a matter of public record and shall thereupon be considered public records, except for information contained in such Bid Proposals deemed to be Trade Secrets (as defined in California Civil Code §3426.1) and information provided in response to the Statement of Qualifications (if applicable). A Bidder that indiscriminately marks all or most of its Bid Proposal as exempt from disclosure as a public record, whether by the notations of "Trade Secret," "Confidential," "Proprietary," or otherwise, may render the Bid Proposal 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 occurs through inadvertence, mistake or negligence on the part of the District or its officers, employees or agents. At such time as Bid Proposals 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 Bid Proposals, by request made to the District in conformity with the California Access to Public Records Act, California Government Code §§6250, et. seq. If the District is required to defend or otherwise respond to any action or proceeding wherein request is made for the disclosure of the contents of any portion of a Bid Proposal deemed exempt from disclosure hereunder, the Bidder submitting the materials sought by such action or proceeding agrees to defend, indemnify and hold harmless the District in any action or proceeding from and against any liability including, without limitation, attorneys' fees arising therefrom. The party submitting materials sought by any other party shall be solely responsible for the cost and defense in any action or proceeding seeking to compel disclosure of such materials; the District's sole involvement in any such action shall be that of a stakeholder, retaining the requested materials until otherwise ordered by a court of competent jurisdiction.

19.11. Bid Protest. Any Bidder submitting a Bid Proposal to the District may file a protest of the results of the public bid opening provided that each and all of the following are complied with: (i) the bid protest is in writing; (ii) the bid protest is filed and received by the District's Vice President of Administrative Services not more than seventy-two (72) hours following the date and time of the public bid opening (excluding weekends and holidays as identified per the District's academic calendar - visit www.cos.edu for the current academic calendar); and (iii) the written bid protest sets forth, in detail, all grounds for the bid protest, including without limitation all facts, supporting documentation, legal authorities and argument in support of the grounds for the bid protest; any matters not set forth in the written bid protest shall be deemed waived. All factual contentions must be supported by competent, admissible and credible evidence.

20. Prices. Bidders must quote prices F.O.B. the District unless otherwise noted. Prices should be stated in the unit specified and Bidders should quote each item separately.

21. Taxes. Taxes shall be included in all prices in the Bid Proposal. The District will pay only the State sales and use taxes. Federal excise taxes are not applicable to Community College Districts.

22. Quantities. The quantities shown are approximate. The District reserves the right to increase or decrease quantities as desired.

23. Samples. On request, samples of the products being bid shall be furnished to the District.

24. Substitution of Specified Project Items. Pursuant to Public Contract Code §3400, the District will consider proposed substitutions to materials, equipment, products and other items specified in the Contract Documents ("Specified Project Items") only during the bidding process. No proposed substitutions will be considered nor will consent be granted to furnish and install any substitution for Specified Project Items. The following is the process which bidders must comply with during the bidding process in order for the District to consider a proposed substitution of any Specified Project Items.

24.1. Bidder's Substitution Request. Any Bidder seeking District consent to furnish or install a substitution for any Specified Project Item must submit a written request to the College of the Sequoias - Facilities Office no later than seven (7) days before the date of the bid opening. The District will consider proposed substitutions only if the Bidder proposing substitution complies with each and all of the following: (i) the request to consider a proposed substitution is in writing ("the Substitution Request") and submitted to the correct location prior to the date set forth above; (ii) the Substitution Request identifies the Specified Project Item for which the substitution is proposed by reference to specific page(s) and detail(s) of the Drawings and/or specific section(s) of the Specifications; (iii) the proposed substitution is fully identified and described, including without limitation, manufacturer's literature, specifications, catalog cut sheets, and other similar materials; and (iv) the Substitution Request incorporates all technical, aesthetic and other related materials demonstrating the equivalency of the proposed substitution to the Specified Project Item, including without limitation, engineering calculations, UL listing, ASTM standards and other similar matters.

24.2. District Review. Provided that a Bidder has complied with the requirements for submittal of a substitution request, the District, Engineer and the Engineer's Design Consultants will review the Substitution Request and all accompanying materials to determine the equivalency of the proposed substitution to the Specified Project Item. If in such review, the District or Engineer request that the Bidder submitting the Substitution Request furnish additional or supplemental information/data, such Bidder must within the time establish furnish such information/data; failure to timely respond to any request for additional or supplemental information/data may result in the District's summary rejection of the Substitution Request. Unless patently without substantive basis, the determination of equivalency or non-equivalency by

the Engineer is deemed the Engineer's exercise of discretion which shall not subject to administrative or judicial appeal or review.

24.3. Notice of Acceptance/Rejection of Proposed Substitution. If upon considering a Substitution Request, the Engineer determines that the proposed substitution is not equivalent to the Specified Project Item, the Bidder submitting the Substitution Request will be notified in writing of the rejection of the proposed substitution. If upon considering a Substitution Request, the Engineer determines that the proposed substitution is equivalent to the Specified Project Item, the Bidder submitting the Substitution Request will be notified in writing of the District's acceptance of the proposed substitution and an Addenda will be issued to all Bidders notifying Bidders of the District's acceptance of a substitution for a Specified Project Item. In such event, the Bidders' Bid Proposals may be based upon the Specified Project Item or the District accepted substitution for a Specified Project Item. The District reserves the right to make all decisions on product and vendor selections.

24.4. District Standard Products. If any portion of the Contract Documents describes a Specified Project Item as a District standard material, equipment or other product, pursuant to Public Contract Code §3400(b), the District will not consider any proposed substitutions to such District standard material, equipment or other product.

25. Storage Container Costs and Delivery. All costs for storage containers shall be borne by the Bidder. All products shall conform to the provisions set forth in the federal, county, state and city laws for their production, handling, processing and labeling. Packages shall be constructed to insure safe transportation to point of delivery. The Bidder shall be responsible for the security of material storage at all times.

26. Contractor's Liability Insurance. Contractor shall purchase and maintain such insurance as will protect Contractor from claims for damages because of bodily injury, including death, and from claims for damages to property which may arise out of or result from Contractor's operations under this Contract, whether such operations be by Contractor or by any Subcontractor or anyone directly or indirectly employed by any of them. This insurance shall name the District as an additional insured by separate endorsement and shall be written for not less than One Million Dollars (\$1,000,000) combined single limit, bodily injury and property damage. If the policy limits include a general aggregate, the general aggregate shall be a limit of not less than Two Million Dollars (\$2,000,000). Certificates of such insurance shall be filed with the District immediately following the District's issuance of Notice of Award of the Bid Proposal. The Certificate of Insurance will state that the contractual liability assumed under this paragraph is covered and shall provide that a thirty (30) day notice of cancellation or reduction in coverage shall be provided to the District.

27. Anti-Discrimination. It is the policy of the District that in connection with all work performed under contracts, there will 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. The Contractor agrees to comply with applicable Federal and California laws including, but not limited to, the California Fair Employment Practice Act, beginning with Labor Code §1410, and Labor Code §1735. In addition, the Contractor agrees to require like compliance

by any Subcontractors employed on the Work.

28. Compliance with Immigration Reform and Control Act of 1986. The Bidder is solely and exclusively responsible for employment of individuals for the Work of the Contract in conformity with the Immigration Reform and Control Act of 1986, 8 USC §1101 et seq. (the “IRCA”); the successful Bidder shall also require that any person or entity employing labor in connection with any of the Work of the Contract shall so similarly comply with the IRCA.

29. Prevailing Law. In the event of any conflict or ambiguity between these instructions and state or federal law or regulations, the latter shall prevail. Additionally, all equipment to be supplied or service to be performed under the Bid Proposal shall conform to all applicable requirements of local, state and federal law.

30. Governing Law and Venue. In the event of litigation, the bid documents, specifications and related matters shall be governed by and construed in accordance with the laws of the State of California. Venue shall be with the appropriate state or federal court located in Tulare County.

31. Rights and Remedies in the Event of Default. If the Bidder defaults, the District may procure the articles or services from other sources and may recover the loss occasioned thereby from any unpaid balance due the Bidder or by proceeding against a Bidder’s Bond(s), if any, or by suit against the Bidder. The prices paid by the District shall be considered the prevailing market prices at the time such purchase is made.

32. Liquidated Damages. In accordance with Government Code §53069.85, for each calendar day completion of the Work is delayed beyond the time specified in the Agreement, Contractor agrees to forfeit and pay the Owner the specified amount(s) identified in the **Special Conditions, Article 7** (District Withhold of Liquidated Damages; Performance Bond Surety), which shall be deducted from any payments due to or to become due to the Contractor. Contractor shall review and fully understand the specified Liquidated Damages associated with each Milestone Event identified in the Project Schedule; see Special Conditions Articles 8 and 9 for additional information. Liquidated Damages shall be imposed until final completion of the entire work in conformity with all the terms, conditions, and requirements of the Contract Documents.

33. Indemnity. The Bidder must hold harmless and fully indemnify the District, its Board of Trustees, officers, employees and agents from all damages or claims for damages, costs or expenses that may at any time arise out of the Bidder’s performance, or failure to perform acts, required by the Contract Documents, including, but not limited to, infringement or use of any copyrighted composition, secret process, patented or unpatented invention, article or appliance furnished or used in connection with this Bid Package.

[End of Section]

BID PROPOSAL

(to be submitted with bid)

Project: **Access Control Door Hardware Retrofit (COS Hanford Campus)**

To: Board of Trustees
Sequoias Community College District
915 S. Mooney Blvd.
Visalia, CA 93277

Bids Proposals must be sealed and submitted to the College of the Sequoias, Facilities Office (Blue Oak Building), 915 S. Mooney Blvd., Visalia, CA 93277 no later than **Tuesday, March 26, 2024 at or before 2:00 p.m.**

Work shall be completed within eighty (80) calendar days – see Project Manual (Special Conditions, Article 6. Milestones.) for Project Schedule restrictions and requirements. Estimated construction budget is **Four Hundred Twenty-Five Thousand Dollars (\$425,000).**

Pursuant to and in compliance with the Contract Documents, the undersigned Bidder, having examined documents pertaining to the project as well as having visited the site and examined conditions relating thereto, proposes and agrees to perform all construction required for **Access Control Door Hardware Retrofit (COS Hanford Campus)**, within the time stipulated, including all addenda for the sum(s) indicated below.

Scope of Work: Furnish all labor, equipment and materials and related items necessary and required to complete the Work as indicated for **Sequoias Community College District** pursuant to the attached minimum specifications.

In accordance with Public Contract Code §20103.8.b, the low Bidder for this project will be the lowest responsive, responsible Bidder whose Base Bid is the lowest of those bids received.

The receipt of the following addenda to the Drawings and Specification is acknowledged:

Addendum No(s): _____

BASE BID:

WRITTEN IN WORDS (\$ _____)
FIGURES

Execution and delivery of Documents: The Undersigned agree(s) to sign the proposed Agreement upon Award of Contract and furnish the required Bonds and Certificates of Insurance required with the Bid Proposal. If the Undersigned defaults in executing and delivering the above named Agreement, Bonds, and Certificates of Insurance, the accompanying Bid Bond or Bid Security and the money payable thereon shall become and remain the property of the District. The Undersigned agree(s) that this bid may not be withdrawn for a period of forty-five (45) days after the date set for the opening of bids. The undersigned declares under penalty of perjury under the laws of the State of California that the representations made in the bid are true and correct.

SIGNATURE

DATE

PRINTED NAME

TITLE

COMPANY NAME (AS LICENSED)

CONTRACTOR LICENSE NO.

/ _____
CLASS

/ _____
EXPIRATION DATE

ADDRESS

CITY

STATE

ZIP CODE

(_____) _____
PHONE

(_____) _____
FAX

EMAIL

BID BOND

(to be submitted with bid)

KNOW ALL MEN BY THESE PRESENTS that we, the undersigned _____ as Principal, and _____, as Surety, are jointly and severally, along with their respective heirs, executors, administrators, successors and assigns, held and firmly bound unto Sequoias Community College District, hereinafter the "Owner" for payment of the penal sum hereof in lawful money of the United States, as more particularly set forth herein.

The condition of the above obligation is such that whereas the Principal has submitted the accompanying Bid Proposal dated _____, 20____, which, inclusive of additive Bid Alternate Items, if any, is in the amount of _____ Dollars (\$_____) to the Owner for the Work commonly described as **Access Control Door Hardware Retrofit (COS Hanford Campus)**.

WHEREAS, subject to the terms of this Bond, the Surety is firmly bound unto the Owner in the penal sum of TEN PERCENT (10%) of the maximum amount of the Bid Proposal submitted by the Principal to the Owner, as set forth above.

NOW, THEREFORE,

- a. If said bid shall be rejected, or, in the alternative,
- b. If said bid shall be accepted and the Principal shall execute and deliver a Contract in the form of Agreement attached hereto and shall in all other respects perform the Agreement created by the acceptance of said bid;

Then this obligation shall be void, otherwise the same shall remain in force and effect, it being expressly understood and agreed that the liability of the Surety for any and all default of the Principal hereunder shall be the amount of this obligation as herein stated.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract on the Notice to Bidders, or to Work to be performed thereunder, or the Specifications accompanying the same, shall in anywise affect its obligation under this bond and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of said Contract or the Notice to Bidders, or to the Work, or to the Specifications.

In the event suit is brought upon this bond by Owner and judgement is recovered, Surety shall pay all costs incurred by Owner in such suit, including reasonable attorney's fees fixed by the court.

IN WITNESS WHEREOF, the above-bounded parties have executed this instrument under their several seals this _____ day of _____, 20_____. The name and corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body. In presence of:

PRINCIPAL

NAME

TITLE

ADDRESS

CITY / STATE / ZIP CODE

(PRINCIPAL SEAL)

TELEPHONE

SURETY

NAME

TITLE

ADDRESS

CITY / STATE / ZIP CODE

(SURETY SEAL)

TELEPHONE

SUBCONTRACTORS LIST

(to be submitted with bid)

Project: **Access Control Door Hardware Retrofit (COS Hanford Campus)**

Listed hereinafter is the name and address of each Subcontractor who will be employed and the kind of work which each will perform if the Contract is awarded to the aforesigned. I understand that under Public Contract Code §4100 through §4113* I must clearly set forth the name and address of each Subcontractor who will perform work or labor or render service to me in or about the construction of the Work in an amount in excess of one-half of one percent (1/2 of 1%) of my total Bid Proposal amount and that as to any work which I fail to do so, I agree to perform that portion of Work myself or be subject to penalty under the act.

In case more than one Subcontractor is named for the same kind of work, i.e. installation, state the portion of work that each will perform. Provide Contractor License number and DIR Registration number for each Subcontractor. Vendors or suppliers of materials only need not be listed.

If further space is required for the list of proposed Subcontractors, additional sheets showing the required information, as indicated below, shall be attached hereto and made a part of the Proposal.

KIND OF WORK	COMPANY NAME/LOCATION	LICENSE #	DIR REGISTRATION #
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* NOTE: The above listing requirement will for purposes of this Proposal be construed in accordance with the provisions of the Subletting and Subcontracting Fair Practices Act ("The Act") as set forth in Government Code §4100 through §4113. Also, for purposes of this Proposal and interpretation of The Act, a vendor will be considered to be a Prime Contractor regardless of whether such vendor is or is not a licensed Contractor.

NON-COLLUSION AFFIDAVIT

(to be submitted with bid)

Project: **Access Control Door Hardware Retrofit (COS Hanford Campus)**

I, _____ (Name), being first duly sworn, deposes and says that I am the
(Title) of _____ (Contractor), the party making the foregoing
bid, that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership,
company, association, organization, or corporation; that the bid is genuine and not collusive or
sham; that the Bidder has not directly or indirectly induced or solicited any other Bidder to put in a
false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with
any Bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the
Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or
conference with anyone to fix any overhead, profit, or cost element of the bid price, or of that of any
other bidder, or to secure any advantage against the public body awarding the contract of anyone
interested in the proposed contract; that all statements contained in the bid are true, and, further,
that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown
thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will
not pay, any fee to any corporation, partnership, company association, organization, bid depository,
or to any member or agent thereof to effectuate a collusive or sham bid.

Executed this _____ day of _____, 20____ at

(City/County/State).

I declare under penalty of perjury under the law of the State of California that the foregoing is true
and correct.

SIGNATURE

PRINTED NAME

ADDRESS / CITY / STATE / ZIP CODE

(_____)_____
PHONE

CONTRACTOR'S CERTIFICATE

REGARDING WORKERS' COMPENSATION

(to be submitted with bid)

Project: **Access Control Door Hardware Retrofit (COS Hanford Campus)**

Labor Code §3700 provides:

“Every employer except the State and all political subdivisions or institutions thereof, shall secure the payment of compensation in one or more of the following ways:

- a) By being insured against liability to pay compensation in one or more insurers duly authorized to write compensation insurance in this State.
- b) By securing from the Director of Industrial Relations a certificate of consent to self-insure which may be given upon furnishing proof of satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees.”

I am aware of the provisions of §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 those provisions before commencing the performance of the Work of this Contract.

SIGNATURE

PRINTED NAME

TITLE

DATE

(In accordance with Article 5 [commencing at §1860], Chapter 1, Part 7, Division 2 of the Labor Code, this Certificate must be signed and filed with the awarding body prior to performing any work under this Contract.)

PREVAILING WAGE COMPLIANCE CERTIFICATION

(to be submitted with bid)

Project: **Access Control Door Hardware Retrofit (COS Hanford Campus)**

To: Sequoias Community College District
915 S. Mooney Blvd.
Visalia, CA 93277

I hereby certify that I will conform to the State of California Public Works Contract Requirements regarding wages; benefits; on-site audits with 48-hour notice; payroll records; and, apprentice and trainee employment requirements.

SIGNATURE

PRINTED NAME

TITLE

DATE

VERIFICATION OF CONTRACTOR AND SUBCONTRACTORS' DIR REGISTRATION

(to be submitted with bid)

Project: **Access Control Door Hardware Retrofit (COS Hanford Campus)**

I, _____ (Name), being first duly sworn, deposes and says that I am the
(Title) of _____ (Bidder).

1. The Bidder is currently registered as a Contractor with the Department of Industrial Relations ("DIR").
2. The Bidder's DIR Registration Number is: _____. The expiration date of the Bidder's DIR Registration is June 30, 20_____.
3. If the Bidder is awarded the Contract for the Work and the expiration date of the Bidder's DIR Registration will occur: (i) prior to expiration of the Contract Time for the Work; or (ii) prior to the Bidder completing all obligations under the Contract for the Work, the Bidder will take all measures necessary to renew the Bidder's DIR Registration so that there is no lapse in the Bidder's DIR Registration while performing Work under the Contract.
4. The Bidder, if awarded the Contract for the Work, will remain a DIR Registered Contractor for the entire duration of the Work.
5. The Bidder has independently verified that each Subcontractor identified in the Subcontractors List submitted with the Bid Proposal of the Bidder is currently a DIR Registered Contractor.
6. The Bidder has provided the DIR Registration Number for each Subcontractor identified in the Bidder's Subcontractors List or, within twenty-four (24) hours of the opening of Bid Proposals for the Work, the Bidder will provide the District with the DIR Registration Number for each subcontractor identified in the Bidder's Subcontractors List.
7. The Bidder's solicitation of Subcontractor bids included notice to prospective Subcontractors that: (i) all sub-tier Subcontractors must be DIR Registered Contractors at all times during performance of the Work; and (ii) prospective Subcontractors may only solicit sub-bids from and contract with lower-tier Subcontractors who are DIR Registered Contractors.

8. If any of the statements herein are false or omit material facts rendering a statement to be false or misleading, the Bidder's Bid Proposal is subject to rejection for non-responsiveness.
9. I have personal first hand knowledge of all of the foregoing information.

Executed this _____ day of _____, 20____ at

(City/County/State).

I declare under penalty of perjury under the law of the State of California that the foregoing is true and correct.

SIGNATURE

PRINTED NAME

ADDRESS / CITY / STATE / ZIP CODE

(_____)_____
PHONE

AGREEMENT

THIS AGREEMENT is made the _____ day of _____, 20_____, in the city of Visalia, County of Tulare, State of California, by and between **Sequoias Community College District, 915 S. Mooney Blvd., Visalia, CA 93277**, hereinafter "Owner" and _____, hereinafter "Contractor," with its principal place of business in _____ (city/state).

WITNESSETH, that the Owner and the Contractor in consideration of the mutual covenants contained herein agree as follows:

ARTICLE I: THE WORK. Within the Contract Time and for the Contract Price, subject to adjustments thereto pursuant to the Contract Documents, the Contractor shall perform and provide all necessary labor, materials, tools, equipment, utilities, services and transportation to complete within the agreed Contract Time in a workmanlike manner, all of its Work required in connection with the Work of improvement commonly referred to as: **Access Control Door Hardware Retrofit (COS Hanford Campus)**. Contractor shall complete all of its Work covered by the Contract Documents, including without limitation, the Drawings and Specifications prepared by architectural and engineering consultants, and all Contract Documents included in the Instructions to Bidders, along with all modifications and addenda thereto issued in accordance with the Contract Documents.

ARTICLE II: CONTRACT DOCUMENTS. The Contract Documents shall consist of this Agreement, the Specifications and Drawings, all addenda and bulletins thereto, the Notice to Bidders, Instructions to Bidders, General Conditions, Special Conditions, all documents forming a part of the Bid Package and any other documents signed by both parties relating to the subject matter of this Agreement. The intention of the Contract Documents is to include all labor, materials, equipment and other items necessary for the proper execution and completion of the Work and the terms and conditions of payment therefor, and also to include all Work which may be reasonably inferable from the Contract Documents as being necessary to produce the intended results.

- 2.1 The Specifications and Drawings are intended to cooperate so that any work exhibited in the Drawings and not mentioned in the Specifications, or vise-versa, is to be executed the same as if both mentioned in the Specifications and set forth in the Drawings, to the true intent and meaning of said Drawings and Specifications when taken together.
- 2.2 The term "Work" as used in the Contract Documents includes all labor necessary to produce the construction required by the Contract Documents and all materials and equipment incorporated or to be incorporated in such construction.

ARTICLE III: CONTRACT TIME. The Work shall be commenced on the construction start date identified in the Owner's Notice to Proceed; the Contractor shall achieve Substantial Completion of the Work within the Contract Time delineated within the construction schedule from and after the Commencement Date set forth in the Notice to Proceed.

ARTICLE IV: CONTRACT PRICE. The Owner shall pay the Contractor as full consideration for the Contractor's full, complete and faithful performance of the Contractor's obligations under the Contract Documents, subject to any additions or deduction as provided for in the Contract Documents, the Contract Price of _____ Dollars (\$_____). The Contract Price is based upon the Contractor's Base Bid Proposal plus the following Alternate Bid Item(s), if any: _____. The Owner's payment of the Contract Price shall be in accordance with the Contract Documents.

ARTICLE V: CONTRACTOR.

- 5.1 Contractor acknowledges that he is an independent Contractor and not an employee, agent or representative of the Owner. Contractor acknowledges that he shall be solely responsible for and shall indemnify and hold Owner harmless from all matters relating to payment of Contractor's employees, Subcontractors and others, including compliance with Social Security, payroll withholding and all other regulations governing such matters.
- 5.2 Contractor shall supervise and direct the Work using Contractor's best skill and attention. The Contractor shall be solely responsible for all construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work under the Contract.
- 5.3 Unless otherwise specifically noted, the Contractor shall provide and pay all labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation and other facilities and services necessary for the proper execution and completion of the Work.
- 5.4 Contractor shall at all times enforce strict discipline and good order among Contractor's employees, and shall not employ on the Work any unfit person or anyone not skilled in the task assigned.
- 5.5 Contractor represents and warrants to Owner that all materials and equipment incorporated in the Work will be new unless otherwise specified, and that all Work will be of good quality, free from faults and defects and in conformance with the Contract Documents. All Work not so conforming to these standards may be considered defective. This warranty shall be in addition to any other warranty provided by law or Contract.
- 5.6 Contractor shall pay all sales, consumer, use and other similar taxes required by law

and shall secure and pay for all permits, fees and licenses necessary for the execution of the work.

- 5.7 Contractor shall give all notices and comply with all laws, ordinances, rules, regulations and orders of any public authority bearing on the performance of the Work, and shall notify the Owner if any of the Contract Documents are at variance therewith.
- 5.8 Contractor shall be responsible for the acts and omissions of all Contractor's employees and all subcontractors, their agents and employees and all other persons performing any of the work under a contract with the Contractor.
- 5.9 The Contractor at all times shall keep the premises free from accumulation of waste materials or rubbish caused by Contractor's operations. At the completion of the work, Contractor shall remove all Contractor's waste materials and rubbish from and about the Project as well as Contractor's tools, construction equipment, machinery and surplus materials. If the Contractor fails to clean up, the Owner may do so and charge the cost to the Contractor.
- 5.10 Contractor has made an independent investigation of the job site, including underground conditions, and all other conditions that might affect the progress of the Work and is satisfied as to those conditions.
- 5.11 The Contractor shall perform all Work in compliance to CCR Title 24, Part 1, 4-343.

ARTICLE VI: SUBCONTRACTS.

- 6.1 Contractor agrees to bind every Subcontractor by the terms of this Contract as far as applicable to the Subcontractors work. If Contractor subcontracts any part of this Contract, Contractor shall be responsible to the Owner for any acts and omissions of its Subcontractors and of persons either directly or indirectly employed by its Subcontractors. Nothing contained in this agreement shall create a contractual relationship between Subcontractor and Owner.
- 6.2 Contractor shall not employ any Subcontractor to whom the Owner may have a reasonable objection. Owner's consent to or approval of any Subcontractor shall not relieve Contractor of its obligations under this Contract.
- 6.3 Substitution of Subcontractors shall be permitted only as authorized by Public Contract Code §4100, et. seq.
- 6.4 All Subcontractors shall be appropriately licensed to perform the Work for which employed in conformity with the laws of the State of California.

ARTICLE VII: PAYMENT SHCEDULE.

- 7.1 On or before the 25th day of each month, Contractor shall submit to Owner an application for payment specifying in detail the labor and materials incorporated into the Work during that month. Owner's review of the application for payment and estimate of the value of labor and materials incorporated into the Work shall be final.
- 7.2 Owner shall pay to Contractor, by the 25th of the following month, 95% of the value of the requested payment as established by Owner, of the labor and materials incorporated into the Work during the previous month.
- 7.3 Upon the issuance and filing of a Notice of Completion, Owner shall have paid to Contractor, through monthly payments as set forth above, ninety-five percent (95%) of the Contract Sum. Five percent (5%) of the Contract Sum shall be retained by Owner for thirty-five (35) days following the filing of the Notice of Completion with the County in which the work was performed. Final payment of the retained percentage shall be made thirty-five (35) days after the Notice of Completion has been filed, provided that all Work has been completed and the Contract is then fully performed, subject to the provisions of Article VIII ("Payments") in this Agreement.

ARTICLE VIII: PAYMENTS.

- 8.1. Payments shall be made as provided in the provisions of Article VII in this Agreement.
- 8.2. Payments may be withheld on account of: (1) defective work not remedied; (2) claims filed; (3) failure of the Contractor to make payments properly to Subcontractors or for labor, materials, or equipment; (4) damage to another Contractor; or (5) unsatisfactory prosecution of the Work by the Contractor.
- 8.3. Final payment shall not be due until the Contractor has delivered to the Owner an unconditional release of all stop notices arising out of this Contract or receipts in full covering all labor, materials and equipment for which a lien could be filed, or a bond satisfactory to the Owner indemnifying the Owner against such notice of a lien.

ARTICLE IX: LIQUIDATED DAMAGES:

- 9.1. The time limit specified in Article III ("Contract Time") is of the essence of the Contract. The Contractor shall complete the Work by the date specified in Article III

unless Owner agrees to a written extension of time in writing.

- 9.2. The term “day” as used in the Contract Documents shall mean calendar day.
- 9.3. Failure to complete the work within the time and in the manner provided for by the Contract Documents shall subject the Contractor to Liquidated Damages.
- 9.4. The actual occurrence of damages and the actual amount of the damages which the Owner would suffer if the Work were not completed within the specified times set forth are dependent upon many circumstances and conditions which could prevail in various combinations, and from the nature of the case, it is impracticable and extremely difficult to fix the actual damages. Damages which the Owner would suffer in the event of delay include loss of the use of the project, disruption of school activities, costs of administration, inspection, supervision and the loss suffered by the public within the District by reason of the delay in the construction of the Project. Accordingly, the parties agree that the amount herein set forth shall be presumed to be the amount of damages sustained by the failure of the Contractor to complete the Project within the time specified.
- 9.5. The amount of Liquidated Damages to be paid by the Contractor to the Owner for failure to complete the Work specified is identified in the **Special Conditions, Article 7** (District Withhold of Liquidated Damages; Performance Bond Surety), which shall be deducted from any payments due to or to become due to the Contractor. Contractor shall review and fully understand the specified Liquidated Damages associated with each Milestone Event identified in the Project Schedule; see Special Conditions Articles 8 and 9 for additional information. Liquidated Damages shall be incurred by the Contractor for each calendar day by which completion of the Project is delayed beyond the completion date identified in the Notice to Proceed, such amount being the actual cash value agreed upon as the loss to the Owner resulting from the Contractor’s default.
- 9.6. In the event the Contractor shall become liable for Liquidated Damages under this section, the Owner, in addition to all other remedies provided by law, shall have the right to withhold any and all retained percentages of payments, and to collect the interest thereon, which would otherwise be or become due the Contractor until the liability of the Contractor under this section has been finally determined. If the retained percentage is not sufficient to discharge all liabilities of the Contractor incurred under this Article, the Contractor and its sureties shall continue to remain liable to the Owner until all such liabilities are satisfied in full.

ARTICLE X: AUTHORITY TO EXECUTE. The individual(s) executing this Agreement on behalf of the Contractor is/are duly and fully authorized to execute this Agreement on behalf of Contractor and to bind the Contractor to each and every term, condition and covenant of the Contract Documents.

ARTICLE XI: INDEMNITY. Contractor shall indemnify, hold harmless and defend Owner and its Board of Trustees, officers, agents and employees from and against all claims, damages, losses and expenses, including reasonable costs and attorney’s fees arising out of or resulting from Contractor’s

performance of the Work or Work performed by Contractor's agents or employees, or Subcontractors

employed on the Project, their agents or employees, or products installed on the Project by Contractor or Subcontractors, excepting only such injury or harm as may be caused solely and exclusively by Owner's fault or negligence. Such indemnification shall extend to all claims, demands, or liabilities occurring after completion of the Project as well as during the progress of the Work.

IN WITNESS WHEREOF, the Owner and the Contractor as of the date set forth above have duly executed this Agreement.

CONTRACTORS ARE REQUIRED BY LAW TO BE LICENSED AND REGULATED BY THE CONTRACTOR'S STATE LICENSE BOARD. ANY QUESTIONS CONCERNING A CONTRACTOR MAY BE REFERRED TO THE REGISTRAR, CONTRACTOR'S STATE LICENSE BOARD, P.O. BOX 2600, SACRAMENTO, CALIFORNIA 95826.

"OWNER"

"CONTRACTOR"

SIGNATURE

SIGNATURE

PRINTED NAME

PRINTED NAME

TITLE

TITLE

<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;"> ACORD™ </div> <div> CERTIFICATE OF LIABILITY INSURANCE </div> </div>		DATE (MM/DD/YY)			
PRODUCER 		THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.			
INSURED 		INSURERS AFFORDING COVERAGE INSURER A: INSURER B: INSURER C: INSURER D: INSURER E:			
COVERAGES THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.					
INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
<input checked="" type="checkbox"/>	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR </div> GEN'L AGGREGATE LIMIT APPLIES PER: <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC </div>				EACH OCCURRENCE \$ 1,000,000 FIRE DAMAGE (Any one fire) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
<input checked="" type="checkbox"/>	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
<input type="checkbox"/>	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$
<input type="checkbox"/>	EXCESS LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$
<input type="checkbox"/>	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				<input checked="" type="checkbox"/> WC STATU- TORY LIMITS <input type="checkbox"/> OTH- ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
<input type="checkbox"/>	OTHER				
DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS College of the Sequoias, Prop. 39 Year 3 L.E.D. Retrofit Project Owner, Engineer(s), their officers, agents, and employees are hereby named as additional insured (Gen.Liab.) with waiver of subrogation (Gen. Liab. & Workers Comp.) as respects to work performed by the named insured & the insurance provided is primary. Endorsements are attached.					
CERTIFICATE HOLDER		ADDITIONAL INSURED; INSURER LETTER:		CANCELLATION	
Sequoias Community College District 915 S. Mooney Blvd Visalia, CA 93277 Attn: Christine Statton Vice President, Administrative Services				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ADVISE BY MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BY SIGNING AND RETURNING TO THE ISSUING INSURER A COPY OF THE FOLLOWING: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> XXXXXXXX AUTHORIZED REPRESENTATIVE </div>	

PERFORMANCE BOND

(to be submitted upon Notice of Award)

Project: **Access Control Door Hardware Retrofit (COS Hanford Campus)**

The undersigned _____ (Contractor), hereinafter designated as the "Principal", and _____ (Surety), as Surety, are held and firmly bound unto Sequoias Community College District, in the County of Tulare, State of California, hereinafter called the "Owner", in the amount of _____ Dollars (\$_____), for the payment of which sum well and truly made, we bind ourselves, our heirs, executors, administrators or successors, jointly and severally, firmly by these presents.

The conditions of this obligation is such that whereas the Principal entered into a certain Contract with the Owner, dated _____, 20____.

NOW, THEREFORE, if the Principal shall well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of said Contract during the original term of said Contract and any extensions thereof that may be granted by the Owner, with or without notice to the Surety, and during the life of any guarantee required under the Contract, and shall also well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of any and all duly authorized modifications of said Contract that may hereafter be made, then, this obligation to be void, otherwise to remain in full force and virtue.

And the said Surety, for value received, hereby stipulates and agrees that no changes, extension of time, alteration or addition to the terms of the Contract or to the Work to be performed thereunder, or the Specifications accompanying the same, shall in any ways affect its obligations of this bond and it does hereby waive notice of any such change, extension, alteration or additions.

IN WITNESS WHEREOF, the above bound parties have executed this instrument under their several seals the _____ day of _____, 20____, the name and corporate seal of each corporate party being hereto affixed.

(To be signed by Principal and Surety, and acknowledged and Notarial Seal attached.)

PRINCIPAL

NAME

TITLE

ADDRESS

CITY / STATE / ZIP CODE

(PRINCIPAL SEAL)

TELEPHONE

SURETY

NAME

TITLE

ADDRESS

CITY / STATE / ZIP CODE

(SURETY SEAL)

TELEPHONE

PAYMENT BOND
(LABOR AND MATERIAL)
(to be submitted upon Notice of Award)

Project: **Access Control Door Hardware Retrofit (COS Hanford Campus)**

The undersigned _____ (Contractor),
and hereinafter designated as the "Principal", have entered into a contract for the furnishings of all materials and labor, services and transportation, necessary, convenient and proper to the project identified above.

Which said Agreement dated _____, 20_____, and all of the Contract Documents attached to or forming a part of said Agreement, are hereby referred to and made a part hereof; and WHEREAS, the Principal is required, before entering upon the performance of the Work, to file a good and sufficient bond with the body by whom the Contract is awarded to secure the claims arising under the said Agreement.

NOW, THEREFORE, THESE PRESENTS WITNESSETH:

That the said Principal and the undersigned _____ (Surety), a California admitted surety insurer, as Corporate Surety, are held and firmly bound into all laborers, material men and other persons referred to in said statutes in the sum of the Contract Price of _____ Dollars (\$_____), which sum well and truly be made, we bind ourselves, our heirs, executors, administrators, successors, or assigns, and severally, by these presents.

The conditions of this obligation is that if the said Principal or any of his or its subcontractors, or the heirs, executors, administrators, successors or assigns of any, all, or either of them, shall fail to pay for any materials, provisions, provender or other supplies, or teams, used in, upon, for, or about the performance of the Work contracted to be done, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, that said Surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay a reasonable attorney's fee to be awarded and fixed by the Court, and to be taxed as costs and to be included in the judgement therein rendered.

It is hereby expressly stipulated and agreed that this bond shall insure to the benefit of any and all persons, companies and corporations entitled to file claims so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the conditions of this bond be fully performed then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

And the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of said Contract or the Specifications accompanying the same shall in any manner affect its obligations of this bond and it does hereby waive notice of any such change, extension, alteration or additions.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and the Surety, this _____ day of _____, 20_____.

(To be signed by Principal and Surety, and acknowledged and Notarial Seal attached.)

PRINCIPAL

NAME

TITLE

ADDRESS

CITY / STATE / ZIP CODE

(PRINCIPAL SEAL)

TELEPHONE

SURETY

NAME

TITLE

ADDRESS

CITY / STATE / ZIP CODE

(SURETY SEAL)

TELEPHONE

DRUG-FREE WORKPLACE CERTIFICATION

(to be submitted upon Notice of Award)

Project: **Access Control Door Hardware Retrofit (COS Hanford Campus)**

I, (Name), the (Title) of
(Contractor), declare, state and certify to all of the
following:

1. I am aware of the provisions and requirements of California Government Code §8350 et seq., the Drug Free Workplace Act of 1990.
2. I am authorized to certify, and do certify, on behalf of Contractor that a drug free workplace will be provided by Contractor by doing all of the following:
 - A. Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance is prohibited in Contractor's workplace and specifying actions which will be taken against employees for violation of the prohibition;
 - B. Establishing a drug-free awareness program to inform employees about all of the following:
 - (i) The dangers of drug abuse in the workplace;
 - (ii) Contractor's policy of maintaining a drug-free workplace;
 - (iii) The availability of drug counseling, rehabilitation and employee assistance programs; and
 - (iv) The penalties that may be imposed upon employees for drug abuse violations;
 - C. Requiring that each employee engaged in the performance of the Contract be given a copy of the statement required by subdivision (A), above, and that as a condition of employment by Contractor in connection with the Work of the Contract, the employee agrees to abide by the terms of the statement.

3. Contractor agrees to fulfill and discharge all of Contractor's obligations under the terms and requirements of California Government Code §8355 by, inter alia, publishing a statement notifying employees concerning: (a) the prohibition of any controlled substance in the workplace, (b) establishing a drug-free awareness program, and (c) requiring that each employee engaged in the performance of the Work of the Contract be given a copy of the statement required by California Government Code §8355(a) and requiring that the employee agree to abide by the terms of that statement.
4. Contractor and I understand that if the Owner determines that Contractor has either: (a) made a false certification herein, or (b) violated this certification by failing to carry out and to implement the requirements of California Government Code §8355, the Contract awarded herein is subject to termination, suspension of payments, or both. Contractor and I further understand that, should Contractor violate the terms of the Drug-Free Workplace Act of 1990, Contractor may be subject to debarment in accordance with the provisions of California Government Code §8350, et seq.
5. Contractor and I acknowledge that Contractor and I are aware of the provisions of California Government Code §§8350, et seq. and hereby certify that Contractor and I will adhere to, fulfill, satisfy and discharge all provisions of and obligations under the Drug-Free Workplace Act of 1990.

Executed this _____ day of _____, 20____ at

(City/County/State).

I declare under penalty of perjury under the law of the State of California that the foregoing is true and correct.

SIGNATURE

PRINTED NAME

ADDRESS / CITY / STATE / ZIP CODE

(_____)_____
PHONE

EXCLUSION OF LEAD PRODUCTS

(to be submitted upon Notice of Award)

Project: **Access Control Door Hardware Retrofit (COS Hanford Campus)**

Pursuant to the provisions of the California Education Code for construction, modernization, or renovation of school facilities, lead based paint, lead plumbing, and solders, or other potential sources of lead contamination shall not be utilized in the construction of any new school facility or the modernization or renovation of any existing school facility. The Contractor agrees that sources and potential sources of lead contamination, whether in products or materials, will not be used in performing work under the Agreement. At completion of Work under the Agreement, the Contractor will warrant and represent to the Owner the following:

1. No sources or potential sources of lead contamination were used in performing Work under the Agreement.
2. Should any sources or potential sources of lead contamination be found to have been used by the Prime Contractor or any Subcontractor, supplier, or vendor on the Project, the Contractor will replace them, together with all related materials, at no cost to the Owner.
3. Should the replacement require any interruption in the normal operations of the school, the Contractor will pay all costs necessarily incurred to keep the school functioning with the least possible disruption of its day-to-day operations.

Executed this _____ day of _____, 20____ at

(City/County/State).

I declare under penalty of perjury under the law of the State of California that the foregoing is true and correct.

SIGNATURE

PRINTED NAME

ADDRESS / CITY / STATE / ZIP CODE

(_____)_____
PHONE

GUARANTEE

(to be submitted upon completion of Project)

The undersigned _____ (Contractor) hereby warrants and guarantees that all work, materials, equipment and workmanship provided, furnished or installed by or on behalf of Contractor in connection with the work of improvement described as **Access Control Door Hardware Retrofit (COS Hanford Campus)** (the "Work") have been provided, furnished and installed in strict conformity with the Contract Documents for the Work, including without limitation, the Drawings and the Specifications. Contractor further warrants and guarantees that all work, materials, equipment and workmanship as provided, furnished and/or installed are fit for use as specified and fulfill all applicable requirements of the Contract Documents including without limitation, the Drawings and the Specifications. Contractor shall, at its sole cost and expense, repair, correct and/or replace any or all of the work, materials, equipment and/or workmanship of the Work, together with any other items which may be affected by any such repairs, corrections or replacement, that may be unfit for use as specified or defective within a period of **one (1) year** from the recorded date of the Owner's Notice of Completion with the County; ordinary wear and tear and unusual abuse or neglect excepted.

In the event of the Contractor's failure and/or refusal to comply with the provisions of this Guarantee, within the period of time set forth in the Contract Documents after the Owner's issuance of the Notice to the Contractor of any defect(s) in the Work, materials, equipment or workmanship, Contractor authorizes the Owner, without further notice to Contractor, to repair, correct and/or replace any such defective item at the expense of the Contractor. The Contractor shall reimburse the Owner for all costs, expenses or fees incurred by the Owner in providing or performing such repairs, corrections or replacements within ten (10) days of the Owner's presentation of a demand to the Contractor for the same.

The provisions of this Guarantee and the provisions of the Contract Documents for the Work relating to the Contractor's Guarantee(s) and warranty(ies) relating to the Work shall be binding upon the Contractor's Performance Bond Surety and all successors or assigns of Contractor and/or Contractor's Performance Bond Surety.

The provisions of this Guarantee are in addition to, and not in lieu of, any provisions of the Contract Documents for the Work relating to the Contractor's guarantee(s) and warranty(ies) or any guarantee(s) or warranty(ies) provided by any material supplier or manufacturer of any equipment, materials or other items forming a part of, or incorporated into the Work, or any other guarantee or warranty obligation of the Contractor, prescribed, implied or imposed by law.

The undersigned individual executing this Guarantee on behalf of Contractor warrants and represents that he/she is duly authorized to execute this Guarantee on behalf of Contractor and to bind Contractor to each and every provision hereof.

SIGNATURE

DATE

PRINTED NAME

TITLE

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- 6.5. Evidence of Insurance; Subcontractor's Insurance
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 - 7.3.1. Construction Schedule Terms Defined
 - 7.3.1.1. Bid Schedule
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- 8.2. Cost Breakdown; Cash Flow Projection
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 - 8.3.2. District's Review of Applications for Progress Payments
 - 8.3.3. Engineer's, Project Manager's, and District's Inspector Review of Applications for Progress Payments
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 - 8.3.6.1. Limitations upon Payment
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- 9.1. Changes in the Work
- 9.2. Oral Order of Change in the Work
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ARTICLE 10: SEPARATE CONTRACTORS

- 10.1. District's Right to Award Separate Contracts
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- 11.1. Tests; Inspections; Observations
 - 11.1.1. Prime Contractor's Notice
 - 11.1.2. Cost of Tests and Inspections
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ARTICLE 12: UNCOVERING AND CORRECTION OF WORK

- 12.1. Inspection of the Work
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- 12.6. Failure of Prime Contractor to Correct Work
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- 13.1. Workmanship and Materials
- 13.2. Warranty Work
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- 14.1. District's Right to Suspend Work
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- 15.1. Termination for Cause
 - 15.1.1. District's Right to Terminate
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 - 15.1.3. Completion by the Surety
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- 16.1. Governing Law
- 16.2. Marginal Headings; Interpretation
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- 16.10. Disputes; Continuation of Work
- 16.11. Dispute Resolution; Arbitration
 - 16.11.1. Claims Under \$375,000.00

- 16.11.2. Arbitration
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- 16.11.4. (Not Used)
- 16.11.5. Demand for Arbitration
- 16.11.6. Third Parties
- 16.11.7. Discovery
- 16.11.8. Arbitrator's Award
- 16.11.9. Costs
- 16.11.10. Confirmation of Award
- 16.11.11. (Not Used)
- 16.11.12. Limitation on Damages
- 16.11.13. Inapplicability of Bid Bond
- 16.12. Capitalized Terms
- 16.13. Attorney's Fees
- 16.14. Provisions Required by Law Deemed Inserted
- 16.15. Days
- 16.16. Entire Agreement

GENERAL CONDITIONS

ARTICLE 1: DEFINITIONS; GENERAL

1.1. District. The term "District" shall refer to the SEQUOIAS COMMUNITY COLLEGE DISTRICT unless otherwise stated, references to the "District" in the Contract Documents shall mean the District, the District's authorized representatives, including the Project Manager, if a Project Manager is designated, the District's Board of Trustees and the District's officers, employees, agents and representatives.

1.2. Prime Contractor. The Prime Contractor is the person or entity identified as such in the Agreement; references to "Prime Contractor" in the Contract Documents shall mean the Prime Contractor or the Prime Contractor's authorized representative. Each Prime Contractor shall enter into an Agreement with the District to perform a certain portion or portions of the Work. There may be more than one Prime Contractor under a Multiple Prime - PM project delivery system. Whenever the term "Contractor" in the singular or "Contractors" in the plural is used in this document, it shall refer individually and collectively to one or all of the Prime Contractors, as the context implies.

1.3. Engineer. The Engineer is the person or entity identified as such in the Agreement; references to the "Engineer" in the Contract Documents includes the Engineer's authorized representative, the Engineer's Consultants for the Work, and the Consultants' employees, agents and representatives.

1.4. Project Manager. The Project Manager is an independent contractor retained by the District and is authorized and empowered to act on behalf of the District as set forth in the Contract Documents. The District reserves the right to remove or replace the Project Manager prior to completion of the Work without adjustment of the Contract Price or the Contract Time or otherwise affecting, limiting or restricting Contractor's obligations hereunder. References to the Project Manager in the Contract Documents shall mean the Project Manager or the Project Manager's authorized representative. The Project Manager's duties are to coordinate, expedite, manage, and supervise the Project. The Project Manager will provide an onsite Project Manager whose function is to represent the District in all on site construction matters, and coordinate the work of various individual Prime Contractors. References in the Contract Documents to "Construction Manager" or to "CM" shall be deemed references to the Project Manager. The Architect, Engineer, Project Inspector and/or related project consultants shall also be deemed references to the Project Manager. The District reserves the right to decide whether or not to employ a Project Manager on the Project.

1.5. The Work. The term "Work" shall be deemed to mean the construction and services required by the Contract Documents, whether completed or partially completed, and includes all other labor, materials, equipment or services provided or to be provided by the Prime Contractor to fulfill the Prime Contractor's obligations under the Contract Documents. The Work may constitute the whole or a part of the Project.

1.6. The Project. The Project is the total construction of the Work performed by the Prime Contractor under the Contract Documents which may be the whole or a part of the Project and which may include construction by the District or by separate Contractors to the District.

1.7. Surety. The Surety is the person or entity that executes, as surety, the Contractor's Labor and Material Payment Bond and/or Performance Bond.

1.8. Subcontractors; Sub-Subcontractors. A Subcontractor is a person or entity who has a direct contract with the Prime Contractor to perform a portion of the Work. The term "Subcontractor" does not include a separate Prime Contractor to the District or Subcontractors of any separate contractor. A Sub-Subcontractor is a person or entity of any tier, who has a direct or indirect contract with a Subcontractor to perform a portion of the Work at the site. As required by the context of usage, the term "Subcontractor" shall include Sub-Subcontractors.

1.9. Material Supplier. A Material Supplier is any person or entity who only furnishes materials, equipment or supplies for the Work without fabricating, installing or consuming them in the performance of the Work of the Contract.

1.10. Drawings and Specifications. The Drawings are the graphic and pictorial portions of the Contract Documents, wherever located and whenever issued, showing generally, the design, location and dimensions of the Work and may include without limitation, plans, elevations, sections, details, schedules or diagrams. The Specifications are that portion of the Contract Documents consisting of the written requirements for materials, equipment, construction systems, standards, criteria and workmanship for the Work and related services. The Drawings and Specifications are intended to delineate and describe the Work and its component parts so as to permit skilled and competent contractors to bid upon the Work and prosecute the same to completion. Large scale Drawings shall take precedence over smaller scale Drawings as to shape and details of construction. Figured dimensions on Drawings shall govern, but Work which is not dimensioned shall be as directed or required by field conditions. Specifications shall govern as to materials, workmanship and installation procedures.

1.11. Special Conditions. To the extent they are part of the Contract Documents, Special Conditions are special or supplemental provisions, not otherwise provided for in the Agreement or the General Conditions, which apply to the Work.

1.12. Contract Documents. The Contract Documents consist of the Agreement between the District and the Prime Contractor, Conditions of the Contract (whether General, Special, Supplemental or otherwise), Drawings, Specifications, including addenda thereto issued prior to execution of the Agreement and any other documents listed in the Agreement. The Contract Documents shall include modifications issued after execution of the Agreement. The Contract Documents form the Contract for Construction.

1.13. Intent and Correlation of Contract Documents.

1.13.1. Work of the Contract Documents. The intent of the Contract Documents is to

include all items necessary for the proper execution and completion of the Work awarded to the Prime Contractor by the District. The Contract Documents are complementary and what is required by one shall be as binding as if required by all; performance by the Prime Contractor shall be required to the extent consistent with the Contract Documents and reasonably inferable there from as being necessary to produce the intended results. Organization of the Specifications into divisions, sections or articles, and the arrangement of Drawings shall not control the Prime Contractor in dividing the Work among Subcontractors or in establishing the extent of Work to be performed by any trade. Where any portion of the Contract Documents is silent and information appears elsewhere in the Contract Documents, such other portions of the Contract Documents shall control.

1.13.2. Technical Terms. Unless otherwise stated in the Contract Documents, words or terms which have well-known technical or construction industry meanings are used in the Contract Documents in accordance with such recognized meanings.

1.13.3. Conflict in Contract Documents. Conflicts, inconsistencies or ambiguities in the Contract Documents shall be resolved by the Engineer in accordance with Article 3.1.9 of the General Conditions; where conflicts or inconsistencies arise between the Drawings and the Specifications, in resolving such conflicts or inconsistencies, the Engineer will be governed generally by the following standards: the Drawings are intended to describe matters relating to placement, type, quantity and the like; the Specifications are intended to describe matters relating to quality, materials, compositions, manufacturers and the like. If conflicts exist between portions of the Contract Documents regarding the quality of any item, product, equipment or materials, unless otherwise directed or authorized by the District, the Contractor shall provide the item, product, equipment or material of the highest or more stringent quality.

1.14. Shop Drawings; Samples; Product Data ("Submittals"). Shop Drawings are diagrams, schedules and other data specially prepared for the Work by the Prime Contractor or a Subcontractor, Sub-Subcontractor, manufacturer, Material Supplier, or distributor to illustrate some portion of the Work. Samples are physical examples of materials, equipment or workmanship forming a part of, or to be incorporated into the Work. Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by the Prime Contractor to illustrate materials or equipment for some portion of the Work. Shop Drawings, Samples and Product Data prepared or furnished by the Prime Contractor or any of its Subcontractors or Material Suppliers are collectively referred to as "Submittals."

1.15. Division of the State Architect ("DSA"). The DSA is California's Division of the State Architect including without limitation the DSA's Office of Construction Services, Office of Design Services and the Office of Regulation Services; references to the DSA in the Contract Documents shall mean the DSA, its offices and its authorized employees and agents. The authority of the DSA over the Work and the performance thereof shall be as set forth in the Contract Documents and Title 24 of the California Code of Regulations.

1.16. District's Inspector. The District's Inspector is the individual designated and employed by the District in accordance with the requirements of Title 24 of the California Code of Regulations. The District's Inspector shall be authorized to act on behalf of the District as provided for in the Contract Documents and in Title 24 of the California Code of Regulations, as the same may be amended from time to time. References in the Contract Documents to the "Project Inspector" shall be deemed references to the "District's Inspector."

1.17. Contract Document Terms. As used in the Contract Documents, the term "provide" shall mean "provide complete in place" or to "furnish and install" such item. Unless otherwise provided in the Contract Documents, the terms "approved;" "directed;" "satisfactory;" "accepted;" "acceptable;" "proper;" "required;" "necessary" and "equal" shall mean as approved, directed, satisfactory, accepted, acceptable, proper, required, necessary and equal, in the opinion of the Engineer. The term "typical" as used in the Drawings shall require the installation or furnishing of such item(s) of the Work designated as "typical" in all other similar areas. Work in such other areas shall conform to that shown as "typical" or as reasonably inferable there from.

1.18. Prime Contractor's Superintendent. The Prime Contractor's Superintendent is the individual employed by the Prime Contractor whose principal responsibility shall be the supervision and coordination of the Work; the Prime Contractor's Superintendent shall not perform routine construction labor.

1.19. Record Drawings. The Record Drawings are a set of the Drawings marked by the Prime Contractor during the performance of the Work to indicate completely and accurately the actual as-built condition of the Work. The Record Drawings shall be sufficient for a capable and qualified draftsman to modify the Drawings to reflect and indicate the Work actually in place at Final Completion of the Work.

1.20. Construction Equipment. The term "Construction Equipment" shall be deemed to refer to equipment utilized for the performance of any portion of the Work, but which is not incorporated into the Work.

1.21. Site. The Site is the physical area designated in the Contract Documents for Prime Contractor's performance, construction and installation of the Work.

1.22. Field Clarifications. A written or graphic document consisting of supplementary details, instructions or information issued on behalf of the District which clarifies or supplements the Contract Documents and which becomes a part of the Contract Documents upon issuance. Field Clarifications do not constitute an adjustment of the Contract Time or the Contract Price, unless a Change Order relating to a Field Clarification is authorized and issued under the Contract Documents.

1.23. Defective or Non-Conforming Work. Defective or non-conforming Work is any Work which is unsatisfactory, faulty, incomplete, or deficient by: (a) not conforming to the requirements of the Contract Documents; (b) not conforming to the standards of workmanship of the applicable trade

or industry; (c) not being in compliance with the requirements of any inspection, reference, standard, test, or approval required by the Contract Documents; or (d) damage occurring prior to Final Completion of all of the Work.

1.24. Delivery. The term "delivery" used in conjunction with any equipment, materials or other items to be incorporated into the Work shall mean the unloading and storage in a protected condition pending incorporation into the Work.

1.25. Notice to Proceed. The Notice to Proceed is the written notice issued by or on behalf of the District to the Contractor authorizing the Contractor to proceed with commencement of the Work and which establishes the date for commencement of the Contract Time.

1.26. Progress Reports; Verified Reports. Progress Reports, if required, are written reports prepared by the Contractor and periodically submitted to the District in the form and content as required by the Contract Documents. Verified Reports are periodic written reports prepared by the Contractor and submitted to the DSA; Verified Reports shall be in such form and content as required by the applicable provisions of Title 24 of the California Code of Regulations. A material obligation of the Contractor is the preparation of complete and accurate Progress Reports, if required, and Verified Reports as well as the timely submission of the same.

1.27. Substantial Completion. "Substantial Completion" means the state in the progress of the Work, as determined by the Engineer, when all of the Work is complete and in accordance with the Contract Documents except only for correction of minor items which do not impair the District's ability to occupy and fully utilize the Work for its intended purposes.

1.28. Final Completion. The term "Final Completion" means the Work has been fully completed in accordance with the requirements of the Contract Documents.

1.29. Days. Unless otherwise expressly stated, references to "days" in the Contract documents shall be deemed to be calendar days.

1.30. Laws. The term "Laws" as used in the Contract Documents shall refer to all laws, ordinances, codes, rules and/or regulations promulgated by any governmental or quasi-governmental agency with jurisdiction over any portion of the Work and which apply to any portion of the Work. Laws refer to those enacted and in effect as of the execution of the Agreement, amendments thereto occurring during the performance of the Work, and subsequently enacted Laws which take effect during the performance of the Work. No adjustment of the Contract Time or the Contract Price shall be allowed for the Contractor's compliance with the Laws.

ARTICLE 2: DISTRICT

2.1. Information Required of District.

2.1.1. Surveys; Site Information. Information, if any, concerning physical

characteristics of the Site, including without limitation, surveys, soils reports, and utility locations, to be provided by the District are set forth in the Contract Documents. Information not provided by the District or necessary information in addition to that provided by the District concerning physical characteristics of the site of the Work which is required for Prime Contractor's completion of the Work in accordance with the terms of the Contract Documents shall be obtained by Prime Contractor without adjustment to the Contract Price or the Contract Time.

- 2.1.2. Permits; Fees.** Except as otherwise provided in the Contract Documents, the District shall secure and pay for necessary approvals, easements, assessments and charges required for construction, use or occupancy of permanent structures or for permanent changes in existing facilities which relate to the Work of the Prime Contractor under the Contract Documents. To the extent that permits and fees are designated as the responsibility of the Prime Contractor under the Contract Documents, the Prime Contractor shall be solely responsible for obtaining the same; the cost of such permits or fees and any costs incurred by the Prime Contractor in obtaining such permits shall be included within the Contract Price.
- 2.1.3. Drawings and Specifications.** Bid documents (Drawings and Specifications) shall be provided to the Prime Contractor in digital format (PDF) only. The Prime Contractor shall be responsible for the coordination and costs associated with printing and/or reproduction of such documents as needed to facilitate the Project. The Prime Contractor shall not use the Drawings or the Specifications in connection with any other work of improvement other than the Work of the Project.
- 2.1.4. Furnishing of Information.** Information or services to be provided by the District under the Contract Documents shall be furnished by the District with reasonable promptness to avoid delay in the orderly progress of the Work. Information about existing conditions furnished by the District under the Contract Documents is obtained from sources believed to be reliable, but the District neither guarantees nor warrants that such information is complete and accurate. The Prime Contractor shall verify all information provided by the District. To the extent that the Contract Documents depict existing conditions on or about the Site, or the Work involves the renovation, removal or remodeling of existing improvements or the Work involves any tie-in or other connection with any existing improvements, the conditions and/or existing improvements depicted in the Contract Documents are as they are believed to exist. Prime Contractor shall bear the risk of any variations between conditions or existing improvements depicted in the Contract Documents and those conditions or existing improvements actually encountered in the performance of the Work. The existence of any variations between conditions or existing improvements depicted in the Contract Documents and those actually encountered in the performance of the Work shall not result in any District liability therefore, nor shall any such variations result in an adjustment of the Contract Time or the Contract Price.

2.2. District's Right to Stop the Work. In addition to the District's right to suspend the Work or terminate the Contract pursuant to the Contract Documents, the District, may, by written order, direct the Prime Contractor to stop the Work, or any portion thereof, until the cause for such stop work order has been eliminated if the Prime Contractor: (i) fails to correct Work which is not in conformity and in accordance with the requirements of the Contract Documents, or (ii) otherwise fails to carry out the Work in conformity and accordance with the Contract Documents. The right of the District to stop the Work hereunder shall not be deemed a duty on the part of the District to exercise such right for the benefit of the Prime Contractor or any other person or entity, nor shall the District's exercise of such right waive or limit the exercise of any other right or remedy of the District under the Contract Documents or at law.

2.3. Partial Occupancy or Use.

2.3.1. District's Right to Partial Occupancy. The District may occupy or use any completed or partially completed portion of the Work, provided that: (i) the District has obtained the consent of, or is otherwise authorized by, public authorities with jurisdiction thereof, to so occupy or use such portion of the Work and (ii) the District and the Prime Contractor have accepted, in writing, the responsibilities assigned to each of them for payments, retainage, if any, security, maintenance, utilities, damage to the Work, insurance and the period for correction of the Work and commencement of warranties required by the Contract Documents for such portion of the Work partially used or occupied by the District. In the event the Prime Contractor and the District are unable to agree upon the matters set forth in (ii) above, the District may nevertheless use or occupy any completed or partially completed portion of the Work, with the responsibility for such matters subject to resolution in accordance with the Contract Documents. Immediately prior to such partial occupancy or use of the Work, or portions thereof, the District, the District's Inspector, the Prime Contractor and the Engineer shall jointly inspect the portions of the Work to be occupied or to be used to determine and record the condition of the Work. Repairs, replacements or other corrective action noted in such inspection shall be promptly performed and completed by the applicable Prime Contractor so that the portion of the Work to be occupied or used by the District is in conformity with the requirements of the Contract Documents and the District's occupancy or use thereof is not impaired. The District's use or occupancy of the Work or portions thereof pursuant to the preceding shall not be deemed "completion" of the as that term is used in Public Contract Code § 7107. "Completion" for purposed of Public Contract Code §7107 shall occur only upon completion of the entirety of the Work of a Bid Package.

2.3.2. No Acceptance of Defective or Nonconforming Work. Unless otherwise expressly agreed upon by the District and the Prime Contractor, the District's partial occupancy or use of the Work or any portion thereof, shall not constitute the District's acceptance of the Work not complying with the requirements of the Contract Documents or which is otherwise defective.

2.4. The District's Inspector. In addition to the authority and rights of the District's Inspector as provided for elsewhere in the Contract Documents, all of the Work shall be performed under the observation of the District's Inspector. The District's Inspector shall have access to all parts of the Work at any time, wherever located and whether partially or completely fabricated, manufactured, furnished or installed. The performance of the duties of the District's Inspector under the Contract Documents shall not relieve or limit the Prime Contractor's performance of its obligations under the Contract Documents.

- 2.4.1. Access to Work.** The Contractor shall provide the Project Inspector with access to all parts of the Work at any time, wherever located and whether partially or completely fabricated, manufactured, furnished or installed. The Project Inspector shall have the authority to stop Work if the Work is not in conformity with the Contract Documents.
- 2.4.2. Limitations on Project Inspector.** The Project Inspector does not have authority to interpret the Contract Documents or to modify the Work depicted in the Contract Documents. No Work inconsistent with the Contract Documents shall be performed solely on the basis of the direction of the Project Inspector, and the Contractor shall be liable to the District for the consequences of all Work performed on such basis.
- 2.4.3. Compliance with Project Inspector Non-Conforming Notices.** If, during the course of the Work, the Project Inspector issues any notice of non-conforming conditions (or other similar notices) in the Work in place or in progress, the Contractor shall immediately thereafter commence and diligently prosecute to completion, without adjustment to the Contract Time or the Contract Price, repairs, replacement or other corrections of such conditions. The District may, at the District's sole and exclusive discretion, withhold any portion of the Contract Price then or thereafter due the Contractor in an amount reasonably reflecting the anticipated costs to complete repairs, replacement or other corrections to the Work determined by the Project Inspector not be in conformity with the Contract Documents. Without waiver or limitation of any other right or remedy of the District, the District may, after notice to the Contractor of the Contractor's failure to immediately commence and diligently prosecute to completion such actions as necessary to comply with any such notice issued by the Project Inspector, cause such corrective, remedial or other actions necessary to comply with any such notice. In such event, all costs, fees and expenses incurred by the District to cause such corrective, remedial and other actions to be undertaken and completed shall be the sole responsibility of the Contractor; the District may deduct such costs, fees or expenses from any portion of the Contract Price then or thereafter due the Contractor.

ARTICLE 3: ENGINEER

3.1. Engineer's Administration of the Contract.

- 3.1.1. Administration of Contract.** The Engineer will provide administration of the Contract as described in the Contract Documents, and will be one of the District's representatives during construction until the time that Final Payment is due the Prime Contractor under the Contract Documents. The Engineer will advise and consult with the District, the Project Manager and the District's Inspector with respect to the administration of the Contract and the Work. The Engineer is authorized to act on behalf of the District to the extent provided for in the Contract Documents; and shall have the responsibilities and powers established by law, including Title 24 of the California Code of Regulations.
- 3.1.2. Periodic Site Inspections.** The Engineer will visit the Site at intervals appropriate to the stage of construction to become generally familiar with the progress and quality of the completed Work and to determine, in general, if the Work is being performed in a manner indicating that the Work, when completed, will be in accordance with the Contract Documents. The Engineer will not be required to make exhaustive or continuous Site inspections to check quality or quantity of the Work. On the basis of Site observations as an Engineer, the Engineer will keep the District informed of the progress of the Work, and will endeavor to guard the District against defects and deficiencies in the Work.
- 3.1.3. Prime Contractor Responsibility for Construction Means, Methods and Sequences.** Each Prime Contractor shall be fully responsible for the construction means, methods, techniques, procedures and sequences necessary and appropriate to fully complete in a workmanlike manner of good quality free from defects and on time all of the work awarded to the Prime Contractor by District. The Engineer will not have control over or charge of and will not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, these being solely the Prime Contractor's responsibility. The Engineer will not have control over or charge of and will not be responsible for acts or omissions of the Prime Contractor, Subcontractors, or their agents or employees, or of any other persons performing portions of the Work.
- 3.1.4. Verification of Applications for Payment.** In accordance with Article 8 hereof, the Engineer will review the Prime Contractor's Applications for Progress Payments and for Final Payment, verify the extent of Work performed and the amount properly due the Prime Contractor on such Application for Payment.
- 3.1.5. Rejection of Work.** The Engineer is authorized to reject Work which is defective or does not conform to the requirements of the Contract Documents. Whenever the Engineer considers it necessary or advisable, for implementation of the intent of the Contract Documents, the Engineer will have authority to require additional inspections or testing of the Work, whether or not such Work is fabricated,

installed or completed.

3.1.6. Submittals.

3.1.6.1. Engineer of Record's Review. The Engineer will review and approve or take other appropriate action upon the Prime Contractor's Submittals, but only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. Review of Submittals is not conducted for the purpose of determining the accuracy and completeness of other details such as dimensions and quantities, or for substantiating instructions for installation or performance of equipment or systems, all of which remain the responsibility of the Prime Contractor as required by the Contract Documents. The Engineer's review of the Prime Contractor's Submittals shall not relieve the Prime Contractor of its obligations under the Contract Documents. The Engineer's review of Submittals shall not constitute approval of safety measures, programs or precautions or, unless otherwise specifically stated by the Engineer, of any construction means, methods, techniques, sequences or procedures. The Engineer's approval of a specific item in a Submittal shall not indicate approval of an assembly of which the item is a component with the Submittal(s) required and relating to such assembly have been reviewed by the Engineer.

3.1.6.2. Time for Engineer's Review. The Engineer's review of Submittals will be conducted promptly so as not to delay or hinder the progress of the Work or the activities of the Prime Contractor, the District or the District's separate Prime Contractors while allowing sufficient time, in the Engineer's reasonable professional judgment, to permit adequate review of Submittals. The foregoing notwithstanding, the Engineer's review and return of Submittals will conform with the time limits and other conditions, if any, set forth in the Specifications or Submittal Schedule if the Submittal Schedule is required by the other provisions of the Contract Documents.

3.1.7. Changes to the Work; Change Orders. The Engineer will prepare Change Orders, and may authorize minor Changes in the Work in accordance with Article 9.9 hereof.

3.1.8. Completion. The Engineer will conduct observations to determine the date or dates of Substantial Completion and the date of Final Completion, will receive and forward to the District, for the District's review and records, written warranties and related documents required by the Contract Documents and assembled by the Prime Contractor, and will verify that the Prime Contractor has

complied with all requirements of the Contract Documents and is entitled to receipt of Final Payment.

3.1.9. Interpretation of Contract Documents; Engineer as Initial Arbiter of Disputes.

3.1.9.1. Authority of Engineer. The Engineer will interpret and decide matters concerning the requirements of the Contract Documents on written request of either the District or the Prime Contractor. The Engineer's response to such requests will be made with reasonable promptness and within the time limits agreed upon, if any. If no agreement is reached establishing the time for the Engineer's review and response to requests under this Article 3.1.9, the Engineer shall be afforded a fifteen (15) day period after receipt of such request to review and respond thereto. Interpretations and decisions of the Engineer will be consistent with the intent of and reasonably inferable from the Contract Documents and will be in writing or in the form of drawings. When making such interpretations and decisions, the Engineer will endeavor to secure faithful performance by both the District and the Prime Contractor, will not show partiality to either and will not be liable for results of interpretations or decisions so rendered in good faith. The Engineer's decisions on matters relating to aesthetic effect will be final if consistent with the intent expressed in the Contract Documents. If there is any disagreement, dispute or other matter in controversy between the District and the Contractor, in addition to other requirements established by the Contract Documents or by law, the submission of the same to the Engineer for its decision shall be a condition precedent to initiation of dispute resolution procedures.

3.1.9.2. Request for Information. In the event that the Prime Contractor shall encounter any condition which the Prime Contractor believes, in good faith and with reasonable basis, is the result of an ambiguity, conflict, error or omission in the Contract Documents (collectively "the Conditions"), it shall be the affirmative obligation of the Prime Contractor to timely notify the Engineer, in writing, of the Conditions encountered and to request information from the Engineer necessary to address and resolve any such Conditions before proceeding with any portion of the Work affected or which may be affected by such Conditions. In the event that the Prime Contractor shall fail to so timely notify the Engineer in writing of any Conditions encountered and the Prime Contractor proceeds to perform any portion of the Work containing or affected by such Conditions the Prime Contractor shall bear all costs associated with or required to correct, remove, or otherwise remedy any portion of the Work affected thereby without adjustment of the Contract Time or the Contract Price. In requesting information of the Engineer to address and resolve any Conditions the

Prime Contractor shall act with promptness in submitting any such written request so as to allow the Engineer a reasonable period of time to review, evaluate and respond to any such request, taking into account the then current status of the progress and completion of the Work and the actual or potential impact of any such Conditions upon the completion of the Work within the Contract Time. The Contract Time shall not be subject to adjustment in the event that the Prime Contractor shall fail to timely request information from the Engineer. The Engineer's responses to any such Prime Contractor request for information shall conform with the standards and time frame set forth in Article 3.1.9.1 of these General Conditions. The foregoing provisions notwithstanding, in the event that the Engineer reasonably determines that any of Prime Contractor's request(s) for information pursuant to this Article 3.1.9.2: (i) do not reflect adequate or competent supervision or coordination by the Prime Contractor or any Subcontractor; or (ii) do not reflect the Prime Contractor's adequate or competent knowledge of the requirements of the Work or the Contract Documents; or (iii) is not justified for any other reason, Prime Contractor shall be liable to the District for all costs incurred by the District associated with the processing, reviewing, evaluating and responding to any such request for information, including without limitation, fees of the Engineer and any other design consultant to the Engineer or the District. In responding to any of Prime Contractor's request(s) for information, the Engineer shall, in the response, indicate if the Engineer has made the determination pursuant to the preceding sentence and, if so, the amount of costs to be borne by the Prime Contractor for the processing, review, evaluation and response to the request for information. Thereafter, the District shall be authorized to deduct such amount from any portion of the Contract Price then or thereafter due the Prime Contractor.

3.2. Communications; Project Manager and Engineer's Role. All communications regarding the Work, the performance thereof or the Contract Documents shall be in writing; verbal communications shall be reduced to writing. Communications between the Prime Contractor and the District shall be through the Project Manager. All written communications between separate contractors, if any, shall be through the Project Manager. All written communications between the Prime Contractor and any Subcontractor, Material Supplier or others directly or indirectly engaged by the Prime Contractor to perform or provide any portion of the Work shall be available to the District, the Project Manager and the Engineer for review, inspection and reproduction as may be requested from time to time. Failure or refusal of the Prime Contractor to permit the District, the Project Manager or Engineer to review, inspect or reproduce such written communications may be deemed a default of Prime Contractor hereunder.

3.3. Termination of Engineer or Project Manager; Substitute Engineer or Project Manager. In case of termination of employment of the Engineer, the District shall appoint a substitute Engineer whose status under the Contract Documents shall be that of the Engineer.

ARTICLE 4: THE PRIME CONTRACTOR

4.1. Prime Contractor Review of Contract Documents.

- 4.1.1. Examination of Contract Documents.** The Prime Contractor shall carefully study and compare the Contract Documents with each other and with information furnished by the District pursuant to the Contract Documents and shall at once report to the Project Manager and Engineer any errors, inconsistencies or omissions discovered. If the Prime Contractor performs any Work knowing, or what with reasonable diligence it should have discovered or known, that such Work involves an error, inconsistency or omission in the Contract Documents without prior notice to the Project Manager and Engineer of the same, the Prime Contractor shall assume full responsibility for such performance and shall bear all attributable costs for correction of the same.
- 4.1.2. Field Measurements.** Prior to commencement of the Work, or portions thereof, the Prime Contractor shall take field measurements and verify field conditions at the Site and shall carefully compare such field measurements and conditions and other information known to the Prime Contractor with information provided in the Contract Documents. Errors, inconsistencies or omissions discovered shall be reported to the Engineer at once.
- 4.1.3. Dimensions; Layouts and Field Engineering.** Dimensions indicated in the Drawings are intended for reference only. The Drawings are intended to be diagrammatic and schematic in nature; the Prime Contractor shall be solely responsible for dimensioning and coordinating the Work of the Contract Documents. All field engineering required for laying out the Work and establishing grades for earthwork operations shall be by the Prime Contractor at its expense. Any field engineering or other engineering to be provided or performed by the Prime Contractor under the Contract Documents and required or necessary for the proper execution or installation of the Work shall be provided and performed by the an engineer duly registered under the laws of the State of California in the engineering discipline for such portion of the Work.
- 4.1.4. Work in Accordance With Contract Documents.** The Prime Contractor shall perform all of the Work in strict conformity with the Contract Documents and approved Submittals.

4.2. Site Investigation; Subsurface Conditions.

- 4.2.1. Prime Contractor Investigation.** The Prime Contractor shall be responsible for, and by executing the Agreement acknowledges, that it has carefully examined the Site and has taken all steps it deems reasonably necessary to ascertain all

conditions which may affect the Work, or the cost thereof, including, without limitation, conditions bearing upon transportation, disposal, handling or storage of materials; availability of labor or utilities; access to the Site; and the physical conditions and the character of equipment, materials, labor and services necessary to perform the Work. Any failure of the Prime Contractor to do so will not relieve it from the responsibility for fully and completely performing all Work without adjustment to the Contract Price or the Contract Time. The District assumes no responsibility to the Prime Contractor for any understandings or representations concerning conditions or characteristics of the Site, or the Work, made by any of its officers, employees or agents prior to the execution of the Agreement, unless such understandings or representations are expressly set forth in the Agreement.

4.2.2. Subsurface Data. By executing the Agreement, the Prime Contractor acknowledges that it has examined the boring data and other subsurface data available and satisfied itself as to the character, quality and quantity of surface and subsurface materials, including without limitation, obstacles which may be encountered in performance of the Work, insofar as this information is reasonably ascertainable from an inspection of the Site, review of available subsurface data and analysis of information furnished by the District under the Contract Documents. Subsurface data or other soils investigation report provided by the District hereunder are not a part of the Contract Documents. Information contained in such data or report regarding subsurface conditions, elevations of existing grades or below grade elevations are approximate only and are neither guaranteed nor warranted by the District to be complete and accurate. The Prime Contractor shall examine all boring and other subsurface data to make its own independent interpretation of the subsurface conditions and acknowledges that its bid is based upon its own opinion of the conditions which may be encountered. The District assumes no responsibility for any conclusions or interpretations made by Prime Contractor on the basis of available subsurface data or other information furnished by District under the Contract Documents.

4.2.3. Subsurface Conditions. If the Work under the Contract Documents involves digging trenches or other excavations that extend deeper than four feet below the surface, the Prime Contractor shall promptly and before the following conditions are disturbed, notify the District's Inspector, in writing, of any: (i) material that the Prime Contractor believes may be material that is hazardous waste, as defined in California Health and Safety Code §25117, that is required to be removed to a Class I or Class II or Class III disposal site in accordance with provisions of existing law; (ii) subsurface or latent physical conditions at the site differing from those indicated; or (iii) unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in the Work or the character provided for in the Contract Documents. If upon notice to the District of the conditions described above and upon the District's investigation thereof, the District determines that the conditions so materially differ or involve such hazardous materials which require

an adjustment to the Contract Price or the Contract Time, the District shall issue a Change Order in accordance with Article 9 hereof. In accordance with California Public Contract Code §7104, any dispute arising between the Prime Contractor and the District as to any of the conditions listed in (i), (ii) or (iii) above, shall not excuse the Prime Contractor from the completion of the Work within the Contract Time and the Prime Contractor shall proceed with all Work to be performed under the Contract Documents. The District reserves the right to terminate the Contract pursuant to Article 15.2 hereof should the District determine not to proceed because of any condition described in (i), (ii) or (iii) above.

4.3. Supervision and Construction Procedures.

4.3.1. Supervision of the Work. Each Prime Contractor shall supervise and direct performance of its own Work in accordance with the Master Schedule prepared by the Project Manager, using the Prime Contractor's best skill and attention. The Prime Contractor shall be solely responsible for, and have control over, construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work under the Contract Documents, without interference with, disruption of, or delay to the work of other Contractors working on the Project, unless Contract Documents give other specific instructions concerning these matters. The Prime Contractor shall be responsible for inspection of portions of Work already performed under the Contract Documents to determine that such portions are in proper condition to receive subsequent Work.

4.3.2. Responsibility for the Work; Coordination of the Work. The Prime Contractor shall be responsible to the District for acts and omissions of the Prime Contractor's employees, Subcontractors and their agents and employees, and all other persons performing any portion of the Work under a contract with the Prime Contractor. The Prime Contractor shall not be relieved of the obligation to perform the Work in accordance with the Contract Documents either by activities or duties of the Project Manager, District's Inspector or the Engineer in the Engineer's administration of the Contract, or by tests, inspections or approvals required or performed by persons other than the Prime Contractor. The Prime Contractor shall be responsible for all necessary or appropriate coordination of the Work and component parts thereof so that Substantial Completion of the Work will be achieved within the Contract Time and the Work will be completed for the Contract Price. The coordination of the Work is a material obligation of the Prime Contractor hereunder and shall include without limitation, conducting regular coordination meetings with its Subcontractors and Material Suppliers, sequencing the operations of Subcontractors and Material Suppliers, and adapting its planned means, methods and sequences of construction operations as necessary to accommodate field or changed conditions at the Site.

- 4.3.3. Surveys.** The Prime Contractor shall prepare or cause to be prepared all detailed surveys necessary for performance of the Work, including without limitation, slope stakes, points, lines and elevations. The Prime Contractor shall be responsible for the establishment, location, maintenance and preservation of benchmarks, reference points and stakes for the Work. The cost of any surveys and the establishment, location, maintenance and preservation of benchmarks, reference points and stakes shall be included within the Contract Price. The Prime Contractor shall be solely responsible for all loss or costs resulting from the loss, destruction, disturbance or damage of benchmarks, reference points or stakes.
- 4.3.4. Construction Utilities.** The Prime Contractor shall arrange for the furnishing of and shall pay the costs of all utility services, including, without limitation, electricity, water, gas and telephone necessary for performance of the Work and the Prime Contractor's obligations under the Contract Documents. The Prime Contractor shall furnish and install necessary or appropriate temporary distributions of utilities, including meters, to the Site. Any such temporary distributions shall be removed by the Prime Contractor upon completion of the Work. The costs of all such utility services, including the installation and removal of temporary distributions thereof, shall be done by the Prime Contractor and included in the Contract Price.
- 4.3.5. Existing Utilities; Removal, Relocation and Protection.** In accordance with California Government Code §4215, the District shall assume the responsibility for the timely removal, relocation, or protection of existing main or trunk line utility facilities located on the Site which are not identified in the Drawings, Specifications or other Contract Documents. Prime Contractor shall be compensated for the costs of locating, repairing damage not due to the Prime Contractor's failure to exercise reasonable care, and removing or relocating such utility facilities not indicated in the Drawings, Specifications and other Contract Documents with reasonable accuracy and for equipment on the Site necessarily idled during such work. Prime Contractor shall not be assessed Liquidated Damages for delay in completion of the Work when such delay is caused by the failure of the District or of the utility to provide for removal or relocation of such utility facilities. Nothing in this Article 4.3.5 shall be deemed to require the District to indicate the presence of existing service laterals or appurtenances whenever the presence of such utilities on the Site can be inferred from the presence of other visible facilities, such as buildings, meters and junction boxes, on or adjacent to the Site. In the event that Prime Contractor, in performing the Work, shall encounter utility facilities not identified by the District in the Drawings, Specifications, or other Contract Documents, the Prime Contractor shall immediately notify, in writing, the District, the District's inspector, the Engineer, the Project Manager and the utility. In the event that such utility facilities are owned by a public utility, the public utility shall have the sole discretion to perform repairs or relocation work or permit the Prime Contractor to do such repairs or relocation work at a reasonable price.

4.4. Labor and Materials.

- 4.4.1. Payment for Labor, Materials and Services.** Unless otherwise provided in the Contract Documents, the Prime Contractor shall provide and pay for labor, materials, equipment, tools, Construction Equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.
- 4.4.2. Employee Discipline.** The Prime Contractor shall enforce strict discipline and good order among the Prime Contractor's employees, the employees of any Subcontractor or Sub-subcontractor, and all other persons performing any part of the Work at the Site. The Prime Contractor shall not permit employment of unfit persons or persons not skilled in tasks assigned to them. The Prime Contractor shall dismiss from its employ and direct any Subcontractor or Sub-subcontractor to dismiss from their employment any person deemed by the District to be unfit or incompetent to perform Work and thereafter, the Prime Contractor shall not employ nor permit the employment of such person for performance of any part of the Work without the prior written consent of the District, which consent may be withheld in the reasonable discretion of the District.
- 4.4.3. Prime Contractor's Superintendent.** The Prime Contractor shall employ a competent superintendent and all necessary assistants who shall be in attendance at the Site at all times during performance of the Work. The Prime Contractor's communications relating to the Work or the Contract Documents shall be through the Prime Contractor's superintendent. The superintendent shall represent the Prime Contractor and communications given to the superintendent shall be binding as if given to the Prime Contractor. The Prime Contractor shall dismiss the superintendent or any of his/her assistants if they are deemed, in the sole reasonable judgment of the District, to be unfit, incompetent or incapable of performing the functions assigned to them. In such event, the District shall have the right to approve of the replacement superintendent or assistant.
- 4.4.4. Prohibition on Harassment.**
- 4.4.4.1. District's Policy Prohibiting Harassment.** The District is committed to providing a campus and workplace free of sexual harassment and harassment based on factors such as race, color religion, national origin, ancestry, age, medical condition, marital status, disability or veteran status. Harassment includes without limitation, verbal, physical or visual conduct which creates an intimidating, offensive or hostile environment such as racial slurs; ethnic jokes; posting of offensive statements, posters or cartoons or similar conduct. Sexual harassment includes without limitation the solicitation of sexual

favours, unwelcome sexual advances, or other verbal, visual or physical conduct of a sexual nature.

4.4.4.2. Prime Contractor's Adoption of Anti-Harassment Policy. Prime Contractor shall adopt and implement all appropriate and necessary policies prohibiting any form of discrimination in the workplace, including without limitation harassment on the basis of any classification protected under local, state or federal law, regulation or policy. Prime Contractor shall take all reasonable steps to prevent harassment from occurring, including without limitation affirmatively raising the subject of harassment among its employees, expressing strong disapproval of any form of harassment, developing appropriate sanctions, informing employees of their right to raise and how to raise the issue of harassment and informing complainants of the outcome of an investigation into a harassment claim. Prime Contractor shall require that any Subcontractor or Sub-subcontractor performing any portion of the Work to adopt and implement policies in conformity with this Article 4.4.4.

4.4.4.3. Prohibition on Harassment at the Site. Prime Contractor shall not permit any person, whether employed by Prime Contractor, a Subcontractor, Sub-subcontractor, or any other person or entity, performing any portion of the Work at or about the Site to engage in any prohibited form of harassment. Any such person engaging in a prohibited form of harassment directed to any individual performing or providing any portion of the Work at or about the Site shall be subject to appropriate sanctions in accordance with the anti-harassment policy adopted and implemented pursuant to Article 4.4.4.2 above. Any person, performing or providing Work on or about the Site engaging in a prohibited form of harassment directed to any student, faculty member or staff of the District or directed to any other person on or about the Site shall be subject to immediate removal and shall be prohibited thereafter from providing or performing any portion of the Work. Upon the District's receipt of any notice or complaint that any person employed directly or indirectly by Prime Contractor in performing or providing the Work has engaged in a prohibited form of harassment, the District will promptly undertake an investigation of such notice or complaint. In the event that the District, after such investigation, reasonably determines that a prohibited form of harassment has occurred, the District shall promptly notify the Prime Contractor of the same and direct that the person engaging in such conduct be immediately removed from the Site. Unless the District's determination that a prohibited form of harassment has occurred is grossly negligent or without reasonable cause, District shall have no liability for directing the removal of any person determined to have engaged in a prohibited form of

harassment nor shall the Contract Price or the Contract Time be adjusted on account thereof. Prime Contractor and the Surety shall defend, indemnify and hold harmless the District and its employees, officers, board of trustees, agents, and representatives from any and all claims, liabilities, judgments, awards, actions or causes of actions, including without limitation, attorneys' fees, which arise out of, or pertain in any manner to: (i) the assertion by any person dismissed from performing or providing work at the direction of the District pursuant to this Article 4.4.4.3; or (ii) the assertion by any person that any person directly or indirectly under the employment or direction of the Prime Contractor has engaged in a prohibited form of harassment directed to or affecting such person. The obligations of the Prime Contractor and the Surety under the preceding sentence shall be in addition to, and not in lieu of, any other obligation of defense, indemnity and hold harmless whether arising under the Contract Documents, at law or otherwise; these obligations shall survive the completion of the Work or the termination of the Contract.

4.5. Taxes. The Prime Contractor shall pay, without adjustment of the Contract Price, all sales, consumer, use and other taxes for the Work or portions thereof provided by the Prime Contractor under the Contract Documents.

4.6. Permits, Fees and Notices; Compliance with Laws.

- 4.6.1. Payment of Permits, Fees.** Unless otherwise provided in the Contract Documents, the Project Manager shall secure and pay for the building permits, other permits, governmental fees, licenses and inspections necessary or required for the proper execution and completion of the Work.
- 4.6.2. Compliance with Laws.** The Prime Contractor shall comply with and give notices required by laws, ordinances, rules, regulations and other orders of public authorities bearing on performance of the Work.
- 4.6.3. Notice of Variation from Laws.** If the Prime Contractor knows, or has reason to believe, that any portion of the Contract Documents are at variance with applicable laws, statutes, ordinances, building codes, regulations or rules, the Prime Contractor shall promptly notify the Engineer and the District's Inspector, in writing, of the same. If the Prime Contractor performs Work knowing, or with reasonable diligence should have known, it to be contrary to laws, statutes, ordinances, building codes, rules or regulations applicable to the Work without such notice to the Engineer and the District's Inspector, the Prime Contractor shall assume full responsibility for such Work and shall bear the attributable costs arising or associated there from, including without limitation, the removal, replacement or correction of the same.

4.7. Submittals.

4.7.1. Purpose of Submittals. Shop Drawings, Product Data, Samples and similar submittals (collectively "Submittals") are not Contract Documents. The purpose for submission of Submittals is to demonstrate, for those portions of the Work for which Submittals are required, the manner in which the Prime Contractor proposes to provide or incorporate such item of the Work in conformity with the information given and the design concept expressed in the Contract Documents.

4.7.2. Prime Contractor's Submittals.

4.7.2.1. Prompt Submittals. The Prime Contractor shall review, approve and submit to the Project Manager and Engineer or such other person or entity designated by the District, the number of copies of Submittals required by the Contract Documents. All Submittals required by the Contract Documents shall be prepared, assembled and submitted by the Prime Contractor to the Engineer within the time frames set forth in the Submittal Schedule incorporated and made a part of the Master Schedule prepared by the Project Manager and as specified in Article 7 of these General Conditions. Prime Contractor's submission of Submittals in conformity with the Submittal Schedule is a material consideration of the Contract. In the event of Prime Contractor's failure or refusal to deliver Submittals to the Engineer in accordance with the Submittal Schedule, the Prime Contractor shall be subject to per diem assessments in the amount set forth in the Special Conditions for each day of delayed submission for any Submittal beyond the date set forth in the Submittal Schedule for Prime Contractor's submission of such Submittal. Prime Contractor and District acknowledge and agree that if Prime Contractor shall fail to deliver Submittals in accordance with the Submittal Schedule, the District will incur costs and expenses not contemplated by the Contract Documents, the exact amount of which are difficult to ascertain and fix. Prime Contractor and the District acknowledge and agree that the per diem assessment for delayed submission of Submittals set forth in the Special Conditions represents a reasonable estimate of costs and expenses the District will incur as a result of delayed submission of Submittals and that the same is not a penalty. Notwithstanding Prime Contractor's submission of all required Submittals in accordance with the Submittal Schedule, in the event that the District or the Engineer reasonably determines that all or any portion of such Submittals fail to comply with the requirements of Articles 4.7.2.2, 4.7.2.3 and 4.7.2.4 of these General Conditions and/or such Submittals are not otherwise complete and accurate so as to require re-submission, Prime Contractor shall bear all costs associated with the review and approval of resubmitted Submittals, including without limitation Engineer's fees incurred in connection therewith;

provided that such costs are in addition to, and not in lieu of, any per diem assessments imposed under this Article 4.7.2.1 for Prime Contractor's delayed submission of Submittals. In the event of the District's imposition of the per diem assessments due to the Prime Contractor's delayed submission of Submittals or in the event of the District's assessment of costs and expenses incurred to review incomplete or inaccurate Submittals, the District may deduct the same from any portion of the Contract Price then or thereafter due the Prime Contractor. Submittals not required by the Contract Documents or which do not otherwise conform to the requirements of the Contract Documents may be returned without action. No adjustment to the Contract Time or the Contract Price shall be granted to the Prime Contractor on account of its failure to make timely submission of any Submittal.

4.7.2.2. Approval of Subcontractor Submittals. All Submittals prepared by Subcontractors, of any tier, Material Suppliers, manufacturers or distributors shall bear the written approval of the Prime Contractor thereto prior to submission to the Engineer for review. Any Submittal not bearing the Prime Contractor's written approval shall be subject to return to the Prime Contractor for re-submittal in conformity herewith, with the same being deemed to not have been submitted. Any delay, impact or cost associated therewith shall be the sole and exclusive responsibility of the Prime Contractor without adjustment to the Contract Time or the Contract Price.

4.7.2.3. Verification of Submittal Information. By approving and submission of Submittals, the Prime Contractor represents to the District and Engineer that the Prime Contractor has determined and verified materials, field measurements, field construction criteria, catalog numbers and similar data related thereto and has checked and coordinated the information contained within such Submittals with the requirements of the Work and of the Contract Documents.

4.7.2.4. Information Included in Submittals. All Submittals shall be accompanied by a written transmittal or other writing by the Prime Contractor providing an identification of the portion of the Drawings or the Specifications pertaining to the Submittal, with each Submittal numbered consecutively for ease of reference along with the following information: (i) date of submission; (ii) project name; (iii) name of submitting Subcontractor; and (iv) if applicable, the revision number. The foregoing information is in addition to, and not in lieu of, any other information required for the Engineer's review, evaluation and approval of the Prime Contractor's Submittals.

4.7.2.5. Prime Contractor Responsibility for Deviations. The Prime

Contractor shall not be relieved of responsibility for correcting deviations from the requirements of the Contract Documents by the Engineer's approval of Submittals unless the Prime Contractor has specifically informed the Engineer in writing of such deviation at the time of submission of the Submittal and the Engineer has given written approval to the specific deviation. The Prime Contractor shall not be relieved of responsibility for errors or omissions in Submittals by the Engineer's approval thereof.

4.7.2.6. No Performance of Work without Approval. The Prime Contractor shall perform no portion of the Work requiring the Engineer's review and approval of Submittals until the Engineer has completed its review and granted its approval of such Submittal. The Prime Contractor shall not perform any portion of the Work forming a part of a Submittal or which is affected by a related Submittal until the entirety of the Submittal or other related Submittal has been fully approved. Such Work shall be in accordance with approved Submittals and other applicable portions of the Contract Documents.

4.7.3. Engineer Review of Submittals. The purpose of the Engineer's review of Submittals and the time for the Engineer's return of Submittals to the Prime Contractor shall be as set forth elsewhere in the Contract Documents, including without limitation, Article 3.1.6 of the General Conditions. If the Engineer returns a Submittal as rejected or requiring correction(s) and re-submission, the Prime Contractor, so as not to delay the progress of the Work, shall promptly thereafter resubmit a Submittal conforming to the requirements of the Contract Documents; the resubmitted Submittal shall indicate the portions thereof modified in order to obtain the Engineer's approval. When professional certification of performance criteria of materials, systems or equipment is required by the Contract Documents, the Engineer shall be entitled to rely upon the accuracy and completeness of such calculations and certifications accompanying Submittals. The Engineer's review of the Submittals is for the limited purposes described in the Contract Documents.

4.7.4. Deferred Approval Items. In the event that any portion of the Work is designated in the Contract Documents as a "Deferred Approval" item, Prime Contractor shall be solely and exclusively responsible for the preparation of Submittals for such item(s) and obtaining approval(s) thereof in a timely manner so as not to delay or hinder the completion of the Work within the Contract Time. Neither the Contract Time nor the Contract Price shall be subject to adjustment on account of the activities of the Prime in preparing submittals for Deferred Approval Items and obtaining approvals thereof.

4.8. Materials and Equipment.

- 4.8.1. Specified Materials, Equipment.** References in the Contract Documents to any specific article, device, equipment, product, material, fixture, patented process, form, method or type of construction, by name, make, trade name, or catalog number, with or without the words "or equal" shall be deemed to establish a minimum standard of quality or performance, and shall not be construed as limiting competition.
- 4.8.2. Substitutions.** Pursuant to Public Contract Code §3400, the District has established an opportunity for the District's consideration of proposed substitutions of materials, equipment and other products designated in the Contract Documents ("Specified Project Items") during the bidding process. In accordance with Public Contract Code §3400, the District will not consider any proposed substitutions for Specified Project Items, except during the bidding process and in accordance with the process set forth in the Instructions for Bidders. If, during the bidding process, a request to furnish and install a substitution for any Specified Project Items was granted by the District, the Contractor may furnish and install either the Specified Project Items or the substitution(s) accepted by the District. Neither the Contract Time nor the Contract Price shall be increased on account of any substitution or alternative proposed by the Contractor and which is approved by the Engineer; provided, however, that in the event a substitution or alternative is approved by the Engineer and purchase, fabrication and/or installation or such approved substitution or alternative shall be less expensive than the originally specified item, the Contract Price shall be reduced by the actual cost savings realized by the Contractor's furnishing and/or installation of such approved substitution or alternative. The Contractor shall likewise be solely responsible for any increase in the cost of any approved substitution or alternative or any Work affected by such alternative or substitution.
- 4.8.3. Placement of Material and Equipment Orders.** Prime Contractor shall, after award of the Contract, promptly and timely place all orders for materials and/or equipment necessary for completion of the Work so that delivery of the same shall be made without delay or interruption to the timely completion of the Work. Prime Contractor shall require that any Subcontractor or Sub-Subcontractor performing any portion of the Work similarly place orders for all materials and/or equipment to be furnished by any such Subcontractor or Sub-Subcontractor in a prompt and timely manner so that delivery of the same shall be made without delay or interruption to the timely completion of the Work. Upon request of the Engineer, the Prime Contractor shall furnish reasonably satisfactory written evidence of the placement of orders for materials and/or equipment necessary for completion of the Work, including without limitation, orders for materials and/or equipment to be provided, furnished or installed by any Subcontractor or Sub-Subcontractor.
- 4.8.4. District's Right to Place Orders for Materials and/or Equipment.** Notwithstanding any other provision of the Contract Documents, in the event

that the Prime Contractor shall, upon request of the Engineer, fail or refuse, for any reason, to provide reasonably satisfactory written evidence of the placement of orders for materials and/or equipment necessary for completion of the Work, or should the District determine, in its sole and reasonable discretion, that any orders for materials and/or equipment have not been placed in a manner so that such materials and/or equipment will be delivered to the Site so the Work can be completed without delay or interruption, the District shall have the right, but not the obligation, to place such orders on behalf of the Prime Contractor. In the event that the District shall exercise the right to place orders for materials and/or equipment pursuant to the foregoing, the District's conduct in that regard shall not be deemed to be an exercise, by the District, of any control over the means, methods, techniques, sequences or procedures for completion of the Work, all of which remain the responsibility and obligation of the Prime Contractor pursuant to Article 4.3.1 hereof. Notwithstanding the right of the District to place orders for materials and/or equipment pursuant to the foregoing, the election of the District to exercise, or not to exercise, such right shall not relieve the Prime Contractor from any of Prime Contractor's obligations under the Contract Documents, including without limitation, completion of the Work within the Contract Time and for the Contract Price. In the event that the District shall exercise the right hereunder to place orders for materials and/or equipment on behalf of Prime Contractor pursuant to the foregoing, Prime Contractor shall reimburse the District for all costs and fees incurred by the District in placing such orders; such costs and fees may be deducted by the District from any portion of the Contract Price then or thereafter due the Prime Contractor.

4.9. Safety.

4.9.1. Safety Programs. The Prime Contractor shall be solely responsible for initiating, maintaining and supervising all safety programs required by applicable law, ordinance, regulation or governmental orders in connection with the performance of the Contract, or otherwise required by the type or nature of the Work. The Prime Contractor's safety program shall include all actions and programs necessary for compliance with California or federally statutorily mandated workplace safety programs, including without limitation, compliance with the California Drug Free Workplace Act of 1990 (California Government Code §8350 et seq.). Without limiting or relieving the Prime Contractor of its obligations hereunder, the Prime Contractor shall require that its Subcontractors similarly initiate and maintain all appropriate or required safety programs.

4.9.2. Safety Precautions. The Prime Contractor shall be solely responsible for initiating and maintaining reasonable precautions for safety of, and shall provide reasonable protection to prevent damage, injury or loss to: (i) employees on the Work and other persons who may be affected thereby; (ii) the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, under care, custody or control of the Prime Contractor or the Prime Contractor's Subcontractors or Sub-subcontractors; and (iii) other property or items at the site

of the Work, or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

- 4.9.3. **Safety Signs, Barricades.** The Prime Contractor shall erect and maintain, as required by existing conditions and conditions resulting from performance of the Contract, reasonable safeguards for safety and protection of property and persons, including, without limitation, posting danger signs and other warnings against hazards, promulgating safety regulations and notifying Districts and users of adjacent sites and utilities.
- 4.9.4. **Safety Notices.** The Prime Contractor shall give or post all notices required by applicable law and comply with applicable laws, ordinances, rules, regulations and lawful orders of public authorities bearing on safety of persons or property or their protection from damage, injury or loss.
- 4.9.5. **Safety Coordinator.** The Prime Contractor shall designate a responsible member of the Prime Contractor's organization at the Site whose duty shall be the prevention of accidents and the implementation and maintenance of safety precautions and programs. This person shall be the Prime Contractor's superintendent unless otherwise designated by the Prime Contractor in writing to the District's Inspector and the Engineer.
- 4.9.6. **Emergencies.** In an emergency affecting safety of persons or property, the Prime Contractor shall act, at the Prime Contractor's discretion, to prevent threatened damage, injury or loss.
- 4.9.7. **Hazardous Materials.**
 - 4.9.7.1. **Use of Hazardous Materials.** In the event that the Prime Contractor, any Subcontractor or anyone employed directly or indirectly by them shall use, at the Site, or incorporate into the Work, any material or substance deemed to be hazardous or toxic under any law, rule, ordinance, regulation or interpretation thereof (collectively "Hazardous Materials"), the Prime Contractor shall comply with all laws, rules, ordinances or regulations applicable thereto and shall exercise all necessary safety precautions relating to the use, storage or disposal thereof.
 - 4.9.7.2. **Prohibition on Use of Asbestos Construction Building Materials ("ACBMs").** Notwithstanding any provision of the Drawings or the Specifications to the contrary, it is the intent of the District that ACBMs not be used or incorporated into any portion of the Work. In the event that any portion of the Work depicted in the Drawings or

the Specifications shall require materials or products which the Prime Contractor knows, or should have known with reasonably diligent investigation, to contain ACBM's, Prime Contractor shall promptly notify the Engineer and the District's Inspector of the same so that an appropriate alternative can be made in a timely manner so as not to delay the progress of the Work. Prime Contractor warrants to the District that there are no materials or products used or incorporated into the Work which contain ACBM's. Whether before or after completion of the Work, if it is discovered that any product or material forming a part of the Work or incorporated into the Work contains ACBM's, the Prime Contractor shall at its sole cost and expense remove such product or material in accordance with any laws, rules, procedures and regulations applicable to the handling, removal and disposal of ACBM's and to replace such product or material with non-ACBM products or materials and to return the affected portion(s) of the Work to the finish condition depicted in the Drawings and Specifications relating to such portion(s) of the Work. Prime Contractor's obligations under the preceding sentence shall survive the termination of the Contract, the warranty period provided under the Contract Documents, the Prime Contractor's completion of the Work or the District's acceptance of the Work. In the event that the Prime Contractor shall fail or refuse, for any reason, to commence the removal and replacement of any material or product containing ACBM's forming a part of, or incorporated into the Work, within ten (10) days of the date of the District's written notice to the Prime Contractor of the existence of ACBM materials or products in the Work, the District may thereafter proceed to cause the removal and replacement of such materials or products in any manner which the District determines to be reasonably necessary and appropriate; all costs, expenses and fees, including without limitation fees and costs of consultants and attorneys, incurred by the District in connection with such removal and replacement shall be the responsibility of the Prime Contractor and the Prime Contractor's Performance Bond Surety.

4.9.7.3. Disposal of Hazardous Materials. Prime Contractor shall be solely and exclusively responsible for the disposal of any Hazardous Materials on or about the Prime Contractor's obligations hereunder shall include without limitation, the transportation and disposal of any Hazardous Materials in strict conformity with any and all applicable laws, regulations, orders, procedures or ordinances.

4.10. Maintenance of Documents.

4.10.1. Documents at Site. The Prime Contractor shall maintain at the Site: (i) one record copy of the Drawings, Specifications and all addenda thereto; (ii) Change

Orders approved by the District and all other modifications to the Contract Documents; (iii) Submittals reviewed by the Engineer; (iv) Record Drawings; (v) Material Safety Data Sheets ("MSDS") accompanying any materials, equipment or products delivered or stored at the Site or incorporated into the Work; and (vi) all building and other codes or regulations applicable to the Work, including without limitation, Title 24, Part 2 of the California Code of Regulations. During performance of the Work, all documents maintained by Prime Contractor at the Site shall be available to the District, the Project Manager, the Engineer, the District's Inspector and DSA for review, inspection or reproduction. Upon completion of the Work, all documents maintained at the Site by the Prime Contractor pursuant to the foregoing shall be assembled and transmitted to the Engineer for delivery to the District.

- 4.10.2. Maintenance of Record Drawings.** During its performance of the Work, the Prime Contractor shall maintain Record Drawings, as described in Article 1.18 hereof, consisting of a set of the Drawings which are marked to indicate all field changes made to adapt the Work depicted in the Drawings to field conditions, changes resulting from Change Orders and all concealed or buried installations, including without limitation, piping, conduit and utility services. All buried or concealed items of Work shall be completely and accurately marked and located on the Record Drawings. The Record Drawings shall be clean and all changes, corrections and dimensions shall be marked in a neat and legible manner in a contrasting color. Record Drawings relating to the Structural, Mechanical, Electrical and Plumbing portions of the Work shall indicate without limitation, circuiting, wiring sizes, equipment/member sizing and shall depict the entirety of the as built conditions of such portions of the Work. The Record Drawings shall be continuously maintained by the Prime Contractor during the performance of the Work. At any time during the Prime Contractor's performance of the Work, upon the request of the District, the District's Inspector or the Engineer, the Prime Contractor shall make the Record Drawings maintained here under available for the District's review and inspection. The District's review and inspection of the Record Drawings during the Prime Contractor's performance of the Work shall be only for the purpose of generally verifying that Prime Contractor is continuously maintaining the Record Drawings in a complete and accurate manner; any such inspection or review shall not be deemed to be the District's approval or verification of the completeness or accuracy thereof. The failure or refusal of the Prime Contractor to continuously maintain complete and accurate Record Drawings or to make available the Record Drawings for inspection and review by the District may be deemed by the District to be Prime Contractor's default of a material obligation hereunder. Without waiving, restricting or limiting any other right or remedy of the District for the Prime Contractor's failure or refusal to continuously maintain the Record Drawings, the District may, upon reasonably determining that the Prime Contractor has not, or is not, continuously maintaining the Record Drawings in a complete and accurate manner, take appropriate action to cause the continuous maintenance of complete and accurate Record Drawings, in which event all fees

and costs incurred or associated with such action shall be charged to the Prime Contractor and the District may deduct the amount of such fees and costs from any portion of the Contract Price then or thereafter due the Prime Contractor. In accordance with Article 8.4.2 of these General Conditions, prior to receipt of the Final Payment, Prime Contractor shall deliver the Record Drawings to the Project Manager.

4.11. Use of Site. The Prime Contractor shall confine operations at the Site to areas permitted by law, ordinances or permits, subject to any restrictions or limitations set forth in the Contract Documents. The Prime Contractor shall not unreasonably encumber the Site or adjoining areas with materials or equipment. The Prime Contractor shall be solely responsible for providing security at the Site with all such costs included in the Contract Price. The District shall at all times have access to the Site.

4.12. Clean-Up. The Prime Contractor shall at all times keep the Site and all adjoining areas free from the accumulation of any waste material or rubbish caused or generated by performance of the Work. Without limiting the generality of the foregoing, Prime Contractor shall maintain the Site in a "rake-clean" standard on a daily basis. In the event that the Work of the Contract Documents includes painting and/or the installation of floor covering, prior to commencement of any painting operations or the installation of any flooring covering, the area and adjoining areas of the Site where paint is to be applied or floor covering is to be installed shall be in a "broom-clean" condition. Prior to completion of the Work, Prime Contractor shall remove from the Site all rubbish, waste material, excess excavated material, tools, Construction Equipment, machinery, surplus material and any other items which are not the property of the District under the Contract Documents. Upon completion of the Work, the Site and all adjoining areas shall be left in a neat and broom clean condition satisfactory to District. The District's Inspector or Project Manager shall be authorized to direct the Prime Contractor's clean-up obligations hereunder. If the Prime Contractor fails to clean up as provided for in the Contract Documents, the District may do so, and all costs incurred in connection therewith shall be charged to the Prime Contractor; the District may deduct such costs from any portion of the Contract Price then or thereafter due the Prime Contractor.

4.13. Access to the Work. The Prime Contractor shall provide the DSA, the District, the Project Manager, the District's Inspector, the Engineer and the Engineer's consultant(s) with access to the Work, whether in place, preparation and progress and wherever located.

4.14. Facilities and Information for the District's Inspector.

4.14.1. Information to District's Inspector. The Prime Contractor shall furnish the District's Inspector access to the Work for obtaining such information as may be necessary to keep the District's Inspector fully informed respecting the progress, quality and character of the Work and materials, equipment or other items incorporated therein. The District's Inspector shall be authorized to exercise the District's rights under Article 2.2 of the General Conditions with respect to stoppage of the Work.

4.14.2. Facilities for District's Inspector. The Project Manager shall provide, at no additional cost or expense to the District, for use by the District, the Project Manager, at the Site, a temporary trailer meeting or exceeding the requirements set forth in the Specifications, along with the items of furniture, furnishings and office equipment identified in the Specifications. The Project Manager shall provide and pay for all costs, including without limitation, utility and telephone services associated with the use of such temporary trailer, until removal of the same is authorized by the District. The costs for providing of all such items pursuant to the foregoing shall be included within the Contract Price.

4.15. Patents and Royalties. The Prime Contractor and the Surety shall defend, indemnify and hold harmless the District and its agents, employees and officers from any claim, demand or legal proceeding arising out of or pertaining, in any manner, to any actual or claimed infringement of patent rights in connection with performance of the Work under the Contract Documents.

4.16. Cutting and Patching. The Prime Contractor shall be responsible for cutting, fitting or patching required to complete the Work or to make the component parts thereof fit together properly. The Prime Contractor shall not damage or endanger any portion of the Work, or the fully or partially completed construction of the District or separate contractors by cutting, patching, excavation or other alteration. The Prime Contractor shall not cut, patch or otherwise alter the construction by the District or separate contractor without the prior written consent of the District or separate contractor thereto, which consent shall not be unreasonably withheld. The Prime Contractor shall not unreasonably withhold consent to the request of the District or separate contractor to cut, patch or otherwise alter the Work.

4.17. Encountering of Hazardous Materials. In the event the Prime Contractor encounters Hazardous Materials at the Site which have not been rendered harmless or for which there is no provision in the Contract Documents for containment, removal, abatement or handling of such Hazardous Materials, the Prime Contractor shall immediately stop the Work in the affected area, but shall diligently proceed with the Work in all other unaffected areas. Upon encountering such Hazardous Materials, the Prime Contractor shall immediately notify the District's Inspector and the Engineer, in writing, of such condition. The Prime Contractor shall proceed with the Work in such affected area only after such Hazardous Materials have been rendered harmless, contained, removed or abated. In the event such Hazardous Materials are encountered, the Prime Contractor shall be entitled to an adjustment of the Contract Time to the extent that the Work is stopped and Substantial Completion of the Work is affected thereby. In no event shall there be an adjustment to the Contract Price solely on account of the Prime Contractor encountering such Hazardous Materials.

4.18. Wage Rates; Employment of Labor.

4.18.1. Determination of Prevailing Rates. Pursuant to the provisions of Division 2, Part 7, Chapter I, Article 2 of the California Labor Code at §1770 et seq., the District has obtained from the Director of the Department of Industrial Relations the general prevailing rate of per diem wages and the prevailing rate for holiday

and overtime work in the locality in which the Work is to be performed for each craft, classification or type of worker needed to execute the Contract. Holidays shall be as defined in the collective bargaining agreement applicable to each particular craft, classification or type of worker employed under the Contract. Per diem wages shall be deemed to include employer payments for health and welfare, pensions, vacation, travel time and subsistence pay as provided in California Labor Code §1773.8, apprenticeship or other training programs authorized by California Labor Code §3093, and similar purposes when the term "per diem wages" is used herein. Holiday and overtime work, when permitted by law, shall be paid for at the rate of at least one and one-half (1 1/2) times the above specified rate of per diem wages, unless otherwise specified. The Prime Contractor shall post, at appropriate and conspicuous locations on the Site, a schedule showing all determined general prevailing wage rates.

- 4.18.2. Payment of Prevailing Rates.** Each worker employed by the Prime Contractor, or any Subcontractor, of any tier, engaged in the Work, shall be paid not less than the general prevailing wage rate, regardless of any contractual relationship which may be alleged to exist between the Prime Contractor or any Subcontractor, of any tier, and such worker.
- 4.18.3. Prevailing Rate Penalty.** The Prime Contractor shall, as a penalty, forfeit Fifty Dollars (\$50) to the District for each calendar day or portion thereof, for each worker paid less than the prevailing rates as determined by the Director of the Department of Industrial Relations for such work or craft in which such worker is employed for the Work by the Prime Contractor or by any Subcontractor, of any tier, in connection with the Work. Pursuant to California Labor Code §1775, the difference between such prevailing wage rates and the amount paid to each worker for each calendar day, or portion thereof, for which each worker was paid less than the prevailing wage rate, shall be paid to each worker by the Prime Contractor.
- 4.18.4. Payroll Records.** Pursuant to California Labor Code §1776, each Prime Contractor and each Subcontractor, of any tier, shall keep an accurate payroll record, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each person employed for the Work. The payroll records shall be certified and available for inspection at all reasonable hours at the principal office of the Prime Contractor on the following basis: (i) a certified copy of an employee's payroll record shall be made available for inspection or furnished to such employee or his/her authorized representative on request; (ii) a certified copy of all payroll records shall be made available for inspection or furnished upon request to the District, the Division of Labor Standards Enforcement and the Division of Apprenticeship Standards of the Department of Industrial Relations; (iii) a certified copy of payroll records shall be made available upon request to the public for inspection or copies thereof made; provided, however, that a request by the public shall be made through either the

District, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. If the requested payroll records have not been provided, the requesting party shall, prior to being provided the records, reimburse the cost of preparation by the Contractor, Subcontractors and the entity through which the request was made; the public shall not be given access to such records at the principal office of the Prime Contractor; (iv) the Prime Contractor shall file a certified copy of the payroll records with the entity that requested such records within ten (10) days after receipt of a written request; (v) any copy of records made available for inspection as copies and furnished upon request to the public or any public agency by the District, the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement shall be marked or obliterated in such a manner as to prevent disclosure of an individual's name, address and social security number. The name and address of the Prime Contractor or any Subcontractor, of any tier, performing a part of the Work shall not be marked or obliterated. The Prime Contractor shall inform the District of the location of payroll records, including the street address, city and county and shall, within five (5) working days, provide a notice of a change or location and address. In the event of noncompliance with the requirements of this Article 4.18.4, the Prime Contractor shall have ten (10) days in which to comply, subsequent to receipt of written notice specifying in what respects the Prime Contractor must comply herewith. Should noncompliance still be evident after such ten (10) day period, the Prime Contractor shall, as a penalty to the District, forfeit Twenty-Five Dollars (\$25) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, such penalties shall be withheld from any portion of the Contract Price then or thereafter due the Prime Contractor. The Prime Contractor is solely responsible for compliance with the foregoing provisions.

4.18.5. Hours of Work.

4.18.5.1. Limits on Hours of Work. Pursuant to California Labor Code §1810, eight (8) hours of labor shall constitute a legal day's work. Pursuant to California Labor Code §1811, the time of service of any worker employed at any time by the Prime Contractor or by a Subcontractor, of any tier, upon the Work or upon any part of the Work, is limited and restricted to eight (8) hours during anyone calendar day and forty (40) hours during anyone calendar week, except as hereafter provided. Notwithstanding the foregoing provisions, Work performed by employees of Prime Contractor or any Subcontractor, of any tier, in excess of eight (8) hours per day and forty (40) hours during anyone week, shall be permitted upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half (1 1/2) times the basic rate of pay.

4.18.5.2. Penalty for Excess Hours. The Prime Contractor shall pay to the

District Twenty-five Dollars (\$25) for each worker employed on the Work by the Prime Contractor or any Subcontractor, of any tier, for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any calendar day and forty (40) hours in anyone calendar week, in violation of the provisions of the California Labor Code, unless compensation to the worker so employed by the Prime Contractor is not less than one and one-half (1 1/2) times the basic rate of pay for all hours worked in excess of eight (8) hours per day.

4.18.5.3. Prime Contractor Responsibility. Any Work performed by workers necessary to be performed after regular working hours or on Sundays or other holidays shall be performed without adjustment to the Contract Price or any other additional expense to the District.

4.18.6. Apprentices.

4.18.6.1. Employment of Apprentices. All apprentices employed by the Prime Contractor to perform any of the Work shall be paid the standard wage paid to apprentices under the regulations of the craft or trade for which such apprentice is employed, and such individual shall be employed only for the work of the craft or trade to which such individual is registered. Only apprentices, as defined in California Labor Code §3077 who are in training under apprenticeship standards and written apprenticeship agreements under California Labor Code §§3070 et seq. are eligible to be employed for the Work. The employment and training of each apprentice shall be in accordance with the provisions of the apprenticeship standards and apprentice agreements under which such apprentice is training.

4.18.6.2. Apprenticeship Certificate. When the Prime Contractor or any Subcontractor, of any tier, in performing any of the Work employs workers in any Apprenticeable Craft or Trade, the Prime Contractor and such Subcontractor shall apply to the Joint Apprenticeship Committee administering the apprenticeship standards of the craft or trade in the area of the site of the Work for a certificate approving the Prime Contractor or such Subcontractor under the apprenticeship standards for the employment and training of apprentices in the area or industry affected, provided, however, that the approval as established by the Joint Apprenticeship Committee or Committees shall be subject to the approval of the Administrator of Apprenticeship. The Joint Apprenticeship Committee or Committees, subsequent to approving the Prime Contractor or Subcontractor, shall arrange for the dispatch of apprentices to the Prime Contractor or such Subcontractor in order to comply with California Labor Code § 1777 .5. The Prime Contractor and Subcontractors shall submit

contract award information to the applicable Joint Apprenticeship Committee which shall include an estimate of journeyman hours to be performed under the Contract, the number of apprentices to be employed, and the approximate dates the apprentices will be employed. There shall be an affirmative duty upon the Joint Apprenticeship Committee or Committees, administering the apprenticeship standards of the crafts or trades in the area of the site of the Work, to ensure equal employment and affirmative action and apprenticeship for women and minorities. Prime Contractors or Subcontractors shall not be required to submit individual applications for approval to local Joint Apprenticeship Committees provided they are already covered by the local apprenticeship standards.

4.18.6.3. Ratio of Apprentices to Journeymen. The ratio of Work performed by apprentices to journeymen, who shall be employed in the Work, may be the ratio stipulated in the apprenticeship standards under which the Joint Apprenticeship Committee operates, but in no case shall the ratio be less than one hour of apprentice work for each five hours of labor performed by a journeyman, except as otherwise provided in California Labor Code § 1777.5. The minimum ratio for the land surveyor classification shall not be less than one apprentice for each five journeymen. Any ratio shall apply during any day or portion of a day when any journeyman or the higher standard stipulated by the Joint Apprenticeship Committee, is employed at the site of the Work and shall be computed on the basis of the hours worked during the day by journeymen so employed, except for the land surveyor classification. The Prime Contractor shall employ apprentices for the number of hours computed as above before the completion of the Work. The Prime Contractor shall, however, endeavor, to the greatest extent possible, to employ apprentices during the same time period that the journeymen in the same craft or trade are employed at the site of the Work. Where an hourly apprenticeship ratio is not feasible for a particular craft or trade, the Division of Apprenticeship Standards, upon application of a Joint Apprenticeship Committee, may order a minimum ratio of not less than one apprentice for each five journeymen in a craft or trade classification. The Prime Contractor or any Subcontractor covered by this Article and California Labor Code § 1777.5, upon the issuance of the approval certificate, or if it has been previously approved in such craft or trade, shall employ the number of apprentices or the ratio of apprentices to journeymen stipulated in the apprenticeship standards. Upon proper showing by the Prime Contractor that it employs apprentices in such craft or trade in the State of California on all of its contracts on an annual average of not less than one apprentice to each five journeymen, the Division of Apprenticeship Standards may grant a certificate exempting the Prime Contractor from the 1-to-5 ratio as

set forth in this Article and California Labor Code §1777.5. This Article shall not apply to contracts of Prime Contractors, or to contracts of specialty contractors not bidding for work through a Prime Contractor, involving less than Thirty Thousand Dollars (\$30,000) or twenty (20) working days. The term "Apprenticeable Craft or Trade," as used herein shall mean a craft or trade determined as an Apprenticeable occupation in accordance with rules and regulations prescribed by the Apprenticeship Council.

4.18.6.4. Exemption from Ratios. The Joint Apprenticeship Committee shall have the discretion to grant a certificate, which shall be subject to the approval of the Administrator of Apprenticeship, exempting the Prime Contractor from the 1-to-5 ratio set forth in this Article when it finds that anyone of the following conditions are met: (i) unemployment for the previous three-month period in such area exceeds an average of fifteen percent (15%) or; (ii) the number of apprentices in training in such area exceeds a ratio of 1-to-5 in relation to journeymen, or; (iii) the Apprenticeable Craft or Trade is replacing at least one-thirtieth (1/30) of its journeymen annually through apprenticeship training, either on a statewide basis or on a local basis, or; (iv) if assignment of an apprentice to any Work performed under the Contract Documents would create a condition which would jeopardize such apprentice's life or the life, safety or property of fellow employees or the public at large, or if the specific task to which the apprentice is to be assigned is of such a nature that training cannot be provided by a journeyman. When such exemptions from the 1-to-5 ratio between apprentices and journeymen are granted to an organization which represents Prime Contractors in a specific trade on a local or statewide basis, the member Prime Contractors will not be required to submit individual applications for approval to local Joint Apprenticeship Committees, provided they are already covered by the local apprenticeship standards.

4.18.6.5. Contributions to Trust Funds. The Prime Contractor or any Subcontractor, of any tier, who, performs any of the Work by employment of journeymen or apprentices in any Apprenticeable Craft or Trade and who is not contributing to a fund or funds to administer and conduct the apprenticeship program in any such craft or trade in the area of the site of the Work, to which fund or funds other Prime Contractors in the area of the site of the Work are contributing, shall contribute to the fund or funds in each craft or trade in which it employs journeymen or apprentices in the same amount or upon the same basis and in the same manner as the other Prime Contractors do, but where the trust fund administrators are unable to accept such funds, contractors not signatory to the trust agreement shall pay a like amount to the California Apprenticeship

Council. The Division of Labor Standards Enforcement is authorized to enforce the payment of such contributions to such fund(s) as set forth in California Labor Code §227. Such contributions shall not result in an increase in the Contract Price.

4.18.6.6. Prime Contractor's Compliance. The responsibility of compliance with this Article for all Apprenticeable Trades or Crafts is solely and exclusively that of the Prime Contractor. All decisions of the Joint Apprenticeship Committee(s) under this Article are subject to the provisions of California Labor Code §3081. In the event the Prime Contractor willfully fails to comply with the provisions of this Article and California Labor Code §1777.5, pursuant to California Labor Code §1777.7, the Prime Contractor shall: (i) be denied the right to bid on any public works contract for a period of one (1) year from the date the determination of non-compliance is made by the Administrator of Apprenticeship; and (ii) forfeit, as a civil penalty, Fifty Dollars (\$50) for each calendar day of noncompliance. Notwithstanding the provisions of California Labor Code §1727, upon receipt of such determination, the District shall withhold such amount from the Contract Price then due or to become due. Any such determination shall be issued after a full investigation, a fair and impartial hearing, and reasonable notice thereof in accordance with reasonable rules and procedures prescribed by the California Apprenticeship Council. Any funds withheld by the District pursuant to this Article shall be deposited in the General Fund or other similar fund of the District. The interpretation and enforcement of California Labor Code §1777.5 and §1777.7 shall be in accordance with the rules and procedures of the California Apprenticeship Council.

4.18.7. Employment of Independent Prime Contractors. Pursuant to California Labor Code §1021.5, Prime Contractor shall not willingly and knowingly enter into any agreement with any person, as an independent contractor, to provide any services in connection with the Work where the services provided or to be provided requires that such person hold a valid contractor's license issued pursuant to California Business and Professions Code §7000 et seq. and such person does not meet the burden of proof of his/her independent contractor status pursuant to California Labor Code §2750.5. In the event that Prime Contractor shall employ any person in violation of the foregoing, Prime Contractor shall be subject to the civil penalties under California Labor Code §1021.5 and any other penalty provided by law. In addition to the penalties provided under California Labor Code §1021.5, Prime Contractor's violation of this Article 4.18.7 or the provisions of California Labor Code § 1021.5 shall be deemed an event of Prime Contractor's default under Article 15.1 of these General Conditions. The Prime Contractor shall require any Subcontractor or Sub-Subcontractor performing or providing any portion of the Work to adhere to and comply with the provisions of this Article 4.18.7.

4.19. Assignment of Antitrust Claims. Pursuant to California Government Code §4551, the Prime Contractor and its Subcontractor(s), of any tier, hereby offers and agrees to assign to the District all rights, title and interest in and to all causes of action they may have under Section 4 of the Clayton Act, (15 U.S.C. §15) or under the Cartwright Act (California Business and Professions Code §16700 et seq.), arising from purchases of goods, services or materials hereunder or any Subcontract. This assignment shall be made and become effective at the time the District tenders Final Payment to the Prime Contractor, without further acknowledgment by the parties. If the District receives, either through judgment or settlement, a monetary recovery in connection with a cause of action assigned under California Government Code §4550 et seq., the assignor thereof shall be entitled to receive reimbursement for actual legal costs incurred and may, upon demand, recover from the District any portion of the recovery, including treble damages, attributable to overcharges that were paid by the assignor but were not paid by the District as part of the Contract Price, less the expenses incurred by the District in obtaining that portion of the recovery. Upon demand in writing by the assignor, the District shall, within one (1) year from such demand, reassign the cause of action assigned pursuant to this Article if the assignor has been or may have been injured by the violation of law for which the cause of action arose: (i) the District has not been injured thereby; or (ii) the District declines to file a court action for the cause of action.

4.20. Daily Progress Reports. During the progress of the Work, the Contractor's superintendent or project manager shall prepare daily progress reports; not later than 12:00 P.M. of each Tuesday during the Work, the Contractor shall submit the prior daily progress reports for the prior week to the Project Manager. The contents of each daily progress report shall include: (i) workers of the Contractor and Subcontractors at the Site; (ii) weather conditions; (iii) portions of the Work completed or in progress; (iv) deliveries of major items of materials or equipment to the Site; (v) safety issues; and (vi) actual or potential schedule/progress impacts. The preparation and submittal of daily progress reports in strict conformity to the foregoing are material obligations of the Contractor under the Contract Documents. In addition to the rights of the District to withhold Progress Payments or the Final Payment as set forth elsewhere in the Contract Documents, the District may withhold Progress Payments and/or Final Payment until the Contractor has completed all daily progress reports and has submitted such daily progress reports to the Project Manager.

ARTICLE 5: SUBCONTRACTORS

5.1. Subcontracts. Any portion of the Work performed for the Prime Contractor by a Subcontractor shall be pursuant to a written agreement between the Prime Contractor and such Subcontractor which specifically incorporates by reference the Contract Documents and which specifically binds the Subcontractor to the applicable terms and conditions of the Contract Documents, including without limitation, the policies of insurance required under Article 6 of these General Conditions and obligates the Subcontractor to assume toward the Prime Contractor all the obligations and responsibilities of the Prime Contractor which by the Contract Documents the Prime Contractor assumes toward the District and the Engineer. The foregoing notwithstanding, no contractual relationship shall exist, or be deemed to exist, between any Subcontractor and the District, unless the Contract is terminated and District, in writing, elects to assume the Subcontract. Each Subcontract for a portion of the Work shall provide that such Subcontract may be assigned to

the District if the Contract is terminated by the District pursuant to Article 15 hereof, subject to the prior rights, if any, of the Surety obligated under a bond relating to the Contract. The Prime Contractor shall provide to the District copies of all executed Subcontracts and Purchase Orders to which Prime Contractor is a party within thirty (30) days after Prime Contractor's execution of the Agreement. During performance of the Work, the Prime Contractor shall, from time to time, as and when requested by the District, the Engineer or the Project Manager provide the District with copies of any and all Subcontracts or Purchase Orders relating to the Work and all modifications thereto. The Prime Contractor's failure or refusal, for any reason, to provide copies of such Subcontracts or Purchase Orders in accordance with the two preceding sentences shall be deemed Prime Contractor's default in the performance of a material term of the Contract Documents.

5.2. Substitution of Listed Subcontractor.

5.2.1. Substitution Process. Any request of the Prime Contractor to substitute a listed Subcontractor will be considered only if such request is in strict conformity with this Article 5.2 and California Public Contract Code §4107. All costs incurred by the District, including without limitation, costs of the District's Inspector, the Engineer, the Project Manager or attorney's fees in the review and evaluation of a request to substitute a listed Subcontractor shall be borne by the Prime Contractor; such costs may be deducted by the District from the Contract Price then or thereafter due the Prime Contractor.

5.2.2. Responsibilities of Prime Contractor upon Substitution of Subcontractor. The District's consent to Prime Contractor's substitution of a listed Subcontractor shall not relieve Prime Contractor from its obligation to complete the Work within the Contract Time and for the Contract Price. The substitution of a listed Subcontractor shall not, under any circumstance, result in, or give rise to any to any increase of the Contract Price or the Contract Time on account of such substitution. In the event of the District's consent to the substitution of a listed Subcontractor, the Engineer shall determine the extent to which, if any, revised or additional Submittals will be required of the newly substituted Subcontractor. In the event that the Engineer determines that revised or additional Submittals are required of the newly substituted Subcontractor, the Engineer shall promptly notify the Prime Contractor, in writing, of such requirement. In such event, revised or additional Submittals shall be submitted to Engineer not later than thirty (30) days following the date of the Engineer's written notice to the Prime Contractor pursuant to the foregoing sentence; provided that if in the reasonable and good faith judgment of the Engineer, the progress of the Work or completion of the Work requires submission of additional or revised Submittals by the newly substituted Subcontractor in less than thirty (30) days, the Engineer shall so state in its written notice to the Prime Contractor. In the event that the revised or additional Submittals are not submitted by Prime Contractor within thirty (30) days, or such earlier time as determined by the Engineer pursuant to the preceding sentence, following the Engineer's written notice of the requirement for revised or additional Submittals, Prime Contractor shall be subject to the per diem assessments for late Submittals as set forth in Article 4.7.2.1 of these General

Conditions. Any revised or additional Submittals required pursuant to this Article 5.2.2 shall conform to the requirements of Article 4.7 of these General Conditions. Prime Contractor shall reimburse the District for all fees and costs, including without limitation fees of the Engineer or any design consultant to the Engineer or the District and DSA fees, incurred or associated with the processing, review and evaluation of any revised or additional Submittals required pursuant to this Article 5.2.2; the District may deduct such fees and costs from any portion of the Contract Price then or thereafter due the Prime Contractor. In the event that additional or revised Submittals are required pursuant to this Article 5.2.2, such requirement shall not result in an increase to the Contract Time or the Contract Price.

5.3. Subcontractor's Work. Whenever the Work of a Subcontractor is dependent upon the work of the Prime Contractor or another Subcontractor, the Prime Contractor shall require the Subcontractor to: (a) coordinate its Work with the dependent Work; (b) provide necessary dependent data and requirements; (c) supply and/or install items to be built into the dependent Work of others; (d) make appropriate provisions for dependent Work of others; (e) carefully examine and understand the portions of the Contract Documents (including Drawings, Specifications and Field Clarifications) and Submittals relating to the dependent Work is in proper condition for the Subcontractor's Work. If the dependent Work is not in a proper condition, the Subcontractor shall notify the Prime Contractor in writing and not proceed with the Subcontractor's Work until the dependent Work has been corrected or replaced and is in a proper condition for the Subcontractor's Work.

ARTICLE 6: INSURANCE; INDEMNITY; BONDS

6.1. Workers' Compensation Insurance; Employer's Liability Insurance. The Prime Contractor shall purchase and maintain Workers' Compensation Insurance as will protect the Prime Contractor from claims under workers' or workmen's compensation, disability benefit and other similar employee benefit acts which are applicable to the Work to be performed, whether such operations be by the Prime Contractor or by a Subcontractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable. The Prime Contractor shall purchase and maintain Employer's Liability Insurance covering bodily injury (including death) by accident or disease to any employee, which arises out of the employee's employment by the Prime Contractor. The Employer's Liability Insurance required of the Prime Contractor hereunder may be obtained by the Prime Contractor as a separate policy of insurance or as an additional coverage under the Workers' Compensation Insurance required to be obtained and maintained by the Prime Contractor hereunder. The limits of liability for the Employer's Liability Insurance required hereunder shall be as set forth in the Bid Documents or Special Conditions.

6.2. Comprehensive General Liability and Property Insurance. The Prime Contractor shall purchase and maintain Commercial General Liability and Property Insurance as will protect the Prime Contractor from the types of claims set forth below which may arise out of or result from Prime Contractor's operations under the Contract Documents and for which the Prime Contractor may be legally responsible: (i) claims for damages because of bodily injury, occupational sickness or disease or death of the Prime Contractor's employees; (ii) claims for damages because of bodily

injury, sickness or disease or death of any person other than the Prime Contractor's employees; (iii) claims for damages insured by usual personal injury liability coverage which are sustained (a) by a person as a result of an offense directly or indirectly related to employment of such person by the Prime Contractor, or (b) by another person; (iv) claims for damages, other than to the Work itself, because of injury to or destruction of tangible property, including loss of use resulting there from; (v) claims for damages because of bodily injury, death of a person or property damages arising out of ownership, maintenance or use of a motor vehicle; and (vi) contractual liability insurance applicable to the Prime Contractor's obligations under the Contract Documents.

6.3. Builder's Risk "All-Risk" Insurance. The Prime Contractor, during the progress of the Work and until Final Acceptance of the Work by the District upon completion of the entire Contract, shall maintain Builder's Risk "All-Risk" Completed Value Insurance Coverage on all insurable Work included under the Contract Documents which coverage is to provide extended coverage and insurance against vandalism and malicious mischief, perils of fire, sprinkler leakage, civil authority, sonic boom, collapse and flood upon the entire Work which is the subject of the Contract Documents, and including completed Work and Work in progress to the full insurable value thereof. Prime Contractor's Builders Risk Insurance shall include coverage and insurance against the perils of earthquake if so indicated in the Bid Documents or Special Conditions. Such insurance shall include the District as an additional named insured and any other person with an insurable interest designated by the District as an additional named insured. The Prime Contractor shall submit to the District for its approval all items deemed to be uninsurable. The risk of damage to the Work due to the perils covered by the Builder's Risk "All Risk" Insurance, as well as any other hazard which might result in damage to the Work, is that of the Prime Contractor and the Surety, and no claims for such loss or damage shall be recognized by the District, nor will such loss or damage excuse the complete and satisfactory performance of the Contract by the Prime Contractor.

6.4. Coverage Amounts. The insurance required of the Prime Contractor hereunder shall be written for not less than any limits of liability specified in the Contract Documents, or required by law, whichever is greater. In the event of any loss or damage covered by a policy of insurance required to be obtained and maintained by the Prime Contractor hereunder, the Prime Contractor shall be solely and exclusively responsible for the payment of the deductible, if any, under such policy of insurance, without adjustment to the Contract Price on account thereof.

6.5. Evidence of Insurance; Subcontractor's Insurance.

6.5.1. Certificates of Insurance. Prior to commencement of the Work, Prime Contractor shall deliver to the District Certificates of Insurance evidencing the insurance coverage required by the Contract Documents. Failure or refusal of the Prime Contractor to so deliver Certificates of Insurance may be deemed by the District to be a default of a material obligation of the Prime Contractor under the Contract Documents, and thereupon the District may proceed to exercise any right or remedy provided for under the Contract Documents or at law. The Certificates of Insurance and the insurance policies required by the Contract Documents shall contain a provision that coverages afforded under such policies will not be canceled or allowed to expire until at least thirty (30) days prior written notice has been given to the District. The insurance policies required of Prime

Contractor hereunder shall also name the District as an additional insured as its interests may appear. Should any policy of insurance be canceled before Final Acceptance of the Work by the District and the Prime Contractor fails to immediately procure replacement insurance as required, the District reserves the right to procure such insurance and to deduct the premium cost thereof and other costs incurred by the District in connection therewith from any sum then or thereafter due the Prime Contractor under the Contract Documents. The Prime Contractor shall, from time to time, furnish the District, when requested, with satisfactory proof of coverage of each type of insurance required by the Contract Documents; failure of the Prime Contractor to comply with the District's request may be deemed by the District to be a default of a material obligation of the Prime Contractor under the Contract Documents.

6.5.2. Subcontractors' Insurance. Prime Contractor shall require that every Subcontractor, of any tier, performing or providing any portion of the Work obtain and maintain the policies of insurance set forth in Articles 6.1 and 6.2 of these General Conditions; the coverage and limits of liability of such policies of insurance to be obtained and maintained by Subcontractors shall be as set forth in the Bid Documents or Special Conditions. The policies of insurance to be obtained and maintained by Subcontractors hereunder are in addition to, and not in lieu of, Prime Contractor obtaining and maintaining such policies of insurance. Each of the policies of insurance obtained and maintained by a Subcontractor hereunder shall conform to the requirements of this Article 6. Upon request of the District, Prime Contractor shall promptly deliver to the District Certificates of Insurance evidencing that the Subcontractors have obtained and maintained policies of insurance in conformity with the requirements of this Article 6. Failure or refusal of the Prime Contractor to provide the District with Subcontractors' Certificates of Insurance evidencing the insurance coverage required hereunder shall be deemed a material default of Prime Contractor hereunder.

6.6. Maintenance of Insurance. Any insurance bearing on the adequacy of performance of Work shall be maintained after the District's Final Acceptance of all of the Work for the full one (1) year correction of Work period and any longer specific guarantee or warranty periods set forth in the Contract Documents. Should such insurance be canceled before the end of any such periods and the Prime Contractor fails to immediately procure replacement insurance as specified, the District reserves the right to procure such insurance and to charge the cost thereof to the Prime Contractor. Nothing contained in these insurance requirements is to be construed as limiting the extent of the Prime Contractor's responsibility for payment of damages resulting from its operations or performance of the Work under the Contract Documents, including without limitation the Prime Contractor's obligation to pay Liquidated Damages. In no instance will the District's exercise of its option to occupy and use completed portions of the Work relieve the Prime Contractor of its obligation to maintain insurance required under this Article until the date of Final Acceptance of the Work by the District, or such time thereafter as required by the Contract Documents. The insurer providing any insurance coverage required hereunder shall be to the reasonable satisfaction of the District.

6.7. Prime Contractor's Insurance Primary. All insurance and the coverage there under required to be obtained and maintained by Prime Contractor hereunder, if overlapping with any policy of insurance maintained by the District, shall be deemed to be primary and noncontributing with any policy maintained by the District and any policy or coverage there under maintained by District shall be deemed excess insurance. To the extent that the District maintains a policy of insurance covering property damage arising out of the perils of fire or other casualty covered by the Prime Contractor's Builder's Risk Insurance or the Comprehensive General Liability Insurance of the Prime Contractor or any Subcontractor, the District, Prime Contractor and all Subcontractors waive rights of subrogation against the others. The costs for obtaining and maintaining the insurance coverage required herein shall be included in the Contract Price.

6.8. Indemnity. Unless arising solely out of the District's active negligence, gross negligence or willful misconduct, the Prime Contractor shall indemnify, defend and hold harmless the Indemnified Parties who are: (i) the District and its Board of Trustees, Trustees officers, employees, agents and representatives (including without limitation, the District's Inspector); (ii) the Engineer and its consultants for the Work and their respective agents and employees; and (iii) the Construction Manager and its agents and employees from and against any and all claims, demands or liability whether for damages, losses or other relief, including, without limitations attorney's fees and costs incurred or arising there from. The foregoing shall include without limitation: (i) injuries to or death of persons; (ii) damage to property; (iii) theft or loss of property, resulting from, in whole or part, any acts, omissions or other conduct of the Prime Contractor, any of Prime Contractor's Subcontractors, of any tier, or any other person or entity employed directly or indirectly by Prime Contractor in connection with the Work and their respective agents, officers or employees. (iv) Stop Notice claims asserted by any person or entity in connection with the Work of each Prime Contractor; and (v) other losses, liabilities, damages or costs resulting from, in whole or part, any acts, omissions or other conduct of the Prime Contractor, any of such Prime Contractor's Subcontractors, of any tier, or any other person or entity employed directly or indirectly by such Prime Contractor in connection with the Work and their respective agents, officers or employees. The obligations of the Prime Contractor, as set forth in (v) above, shall include, without limitation losses, costs, expenses, damages and other claims asserted by any other contractor to the District in connection with the Work, the Project or in connection with a work of improvement related to or affected by the Work. In the event that any action or proceeding, whether judicial, administrative, arbitration or otherwise, shall be commenced on account of any claim, demand or liability subject to Prime Contractor's obligations hereunder, and such action or proceeding names the District as a party thereto, the Prime Contractor shall, at its sole cost and expense, defend the District in such action or proceeding with counsel reasonably satisfactory to District. In the event that there shall be any judgment, award, ruling, settlement or other relief; Prime Contractor shall indemnify and hold harmless the District from any and all liability or responsibility arising out of any such judgment, award, ruling, settlement or relief. The Prime Contractor's obligations hereunder shall be binding upon Prime Contractor's Performance Bond Surety and these obligations shall survive notwithstanding Prime Contractor's completion of the Work or the termination of the Contract.

6.9. Payment Bond; Performance Bond. Prior to commencement of the Work, the Prime Contractor shall furnish a Performance Bond as security for Prime Contractor's faithful performance of the Contract and a Labor and Material Payment Bond as security for payment of persons or entities performing work, labor or furnishing materials in connection with Prime Contractor's

performance of the Work under the Contract Documents. Unless otherwise stated in the Special Conditions, the amounts of the Performance Bond and the Payment Bond required hereunder shall be one hundred percent (100%) of the Contract Price. Said Labor and Material Payment Bond and Performance Bond shall be in the form and content set forth in the Contract Documents. The failure or refusal of the Prime Contractor to furnish either the Performance Bond or the Labor and Material Payment Bond in strict conformity with this Article 6.9 may be deemed by the District as a default by the Prime Contractor of a material obligation hereunder. Upon request of the Prime Contractor, the District may consider and accept, but is not obligated to do so, multiple sureties on such bonds. The Surety on any bond required under the Contract Documents shall be on the list of sureties approved by the United States Department of Treasury, as set forth in the Federal Register and/or an Admitted Surety Insurer as that term is defined in California Code of Civil Procedure §995.120.

ARTICLE 7: CONTRACT TIME

7.1. Substantial Completion of the Work within Contract Time. Unless otherwise expressly provided in the Contract Documents, the Contract Time is the period of time, including authorized adjustments thereto, allotted in the Contract Documents for Substantial Completion of the Work. The date for commencement of the Work is the date established by the Notice to Proceed issued by the District pursuant to the Agreement, which shall not be postponed by the failure to act of the Prime Contractor or of persons or entities for which the Prime Contractor is responsible. The date of Substantial Completion is the date certified by the Engineer and the District's Inspector as such in accordance with the Contract Documents. The term "day" as used in the Contract Documents shall mean calendar day unless otherwise specifically defined.

7.2. Progress and Completion of the Work.

7.2.1. Time of Essence. Time limits stated in the Contract Documents are of the essence of the Contract. By executing the Agreement, the Prime Contractor confirms that the Contract Time is a reasonable period for performing and achieving Substantial Completion of the Work. The Prime Contractor shall employ and supply a sufficient force of workers, material and equipment, and shall prosecute the Work with such diligence so as to maintain progress, to prevent Work stoppage and to achieve Substantial Completion of all of the Work within the Contract Time.

7.2.2. Substantial Completion. Substantial Completion is that stage in the progress of the Work when the Work is complete in accordance with the Contract Documents so the District can occupy or use the Work for its intended purpose. Substantial Completion shall be determined by the Engineer and/or the District's Inspector upon request by the Prime Contractor in accordance with the Contract Documents. The good faith and reasonable determination of Substantial Completion by the Engineer and/or District Inspector shall be controlling and final.

7.2.3. Correction or Completion of the Work after Substantial Completion.

7.2.3.1. Items for Correction or Completion. Upon achieving Substantial Completion of the Work, the District, the District's Inspector, the Project Manager, the Engineer and the Prime Contractor shall jointly inspect the Work and prepare a comprehensive list of items of the Work to be corrected or completed by the Prime Contractor. The exclusion of, or failure to include, any item on such list shall not alter or limit the obligation of the Prime Contractor to complete or correct any portion of the Work in accordance with the Contract Documents.

7.2.3.2. Time for Completing Correction or Completion Items. In addition to setting forth items for correction or completion pursuant to Article 7.2.3.1, the District, Project Manager, Prime Contractor and Engineer shall, after the joint inspection, establish a reasonable time for Prime Contractor's completion of all items requiring correction or completion. In the event that the District, the Prime Contractor and the Engineer are unable to mutually agree upon the time for the Prime Contractor's completion of such items, the Engineer shall determine such time, and in such event, the time determined by the Engineer shall be final and binding upon the District and Prime Contractor so long as the Engineer's determination is made in good faith. The Prime Contractor shall promptly and diligently proceed to complete or correct all items noted on such list within the time established. In the event that the Prime Contractor shall fail or refuse, for any reason, to complete items requiring completion or correction within the time so established, Prime Contractor shall be subject to assessment of Liquidated Damages in accordance with Article 7.5 hereof. The foregoing notwithstanding, in the event of Prime Contractor's failure or refusal to complete all items of the Work requiring correction or completion within the time so established, the District may, in its sole and exclusive discretion and without further notice to Prime Contractor, elect to cease the completion of such items of the Work requiring correction or completion, provided, however, that such election by the District shall be in addition to, and not in lieu of, any other right or remedy of the District under the Contract Documents or at law. In the event that the District shall elect to complete items of the Work requiring correction or completion, pursuant to the foregoing, the Prime Contractor shall be responsible for all costs incurred by the District in connection therewith and the District may deduct such costs from any portion of the Contract Price then or thereafter due the Prime Contractor. In the event the costs incurred by the District to perform the items requiring correction or completion shall exceed the remaining Contract Price due to the Prime Contractor, the Prime Contractor's Performance Bond Surety shall be liable to District for any such excess costs.

- 7.2.4. Final Completion.** Final Completion is that stage of the Work when all Work has been completed in accordance with the Contract Documents, including without limitation, the performance of all correction or completion items noted upon Substantial Completion, and the Contract has been otherwise fully performed by the Prime Contractor. Final Completion shall be determined by the Engineer and the District's Inspector upon request of the Prime Contractor. The good faith and reasonable determination of Final Completion by the District's Inspector and the Engineer shall be controlling and final.
- 7.2.5. Prime Contractor Responsibility for Multiple Inspections.** In the event the Prime Contractor shall request determination of Substantial Completion or Final Completion by the District's Inspector and the Engineer and it is determined by the District's Inspector and the Engineer that the Work does not then justify certification of Substantial Completion or Final Completion and re-inspection is required at a subsequent time to make such determination, the Prime Contractor shall be responsible for all costs of such re-inspection, including without limitation, the fees of the Engineer and the salary of the District's Inspector. The District may deduct all such costs from the balance of the Contract Price then due or thereafter due to the Prime Contractor.
- 7.2.6. Final Acceptance.** Final Acceptance of the Work shall occur upon approval of the Work by the District's Board of Trustees; such approval shall be submitted for adoption at the next regularly scheduled meeting of the District's Board of Trustees after the determination of Final Completion. The commencement of any warranty or guarantee period under the Contract Documents shall be deemed to be the date upon which the District's Board of Trustees approves of the Final Acceptance of the Work.
- 7.3. Construction Schedule.**
- 7.3.1. Construction Schedule Terms Defined.**
- 7.3.1.1. Bid Schedule.** The Bid Schedule is the Schedule issued with the Bid Documents, which shall be used by the Prime Contractor and its Subcontractor(s) for preparation of the Prime Contractor's Bid Proposal.
- 7.3.1.2. Preliminary Base Line Construction Schedule.** The Preliminary Base Line Construction Schedule is the schedule created by the Prime Contractor, within seven (7) days after of the Notice to Proceed is issued by or on behalf of the District, for proposing revisions to the Bid Schedule.

- 7.3.1.3. **Base Line Construction Schedule.** The Base Line Construction Schedule is developed from the input of each Prime Contractor's Preliminary Base Line Construction Schedule. The Base Line Construction Schedule shall be used for the initial commencement of construction, scheduling, monitoring of the Project on a continual basis until Updated Construction Schedules are issued.
- 7.3.1.4. **Updated Construction Schedule.** The Updated Construction Schedules are the Construction Schedules issued after the Base Line Construction Schedule. Additionally, the Updated Construction Schedule may be used for bidding by any Contractor for work to commence on the Project subsequent to the Base Line Construction Schedule.
- 7.3.1.5. **Recovery Schedule.** A Recovery Schedule is a Construction Schedule prepared by the Contractor for a Bid Package to illustrate the manner in which such Contractor shall recover lost time due to delays with the progress of the Contractor's Work and the Contractor's ability to meet Milestones and/or Project completion dates/requirements.
- 7.3.1.6. **Construction Schedule(s).** Construction Schedules collectively refer to the Bid Schedule, Preliminary Base Line Construction Schedule, Base Line Construction Schedule, and Updated Construction Schedule.
- 7.3.1.7. **Three Week Look Ahead Schedules.** Three Week Look Ahead Schedules shall be issued on a weekly basis at the Project Team Meeting identifying Work in more detail than the activities shown in the Construction Schedules.
- 7.3.2. **Bid Schedule.** The Bid Schedule is for reference only. Any contractor awarded a contract for any portion of the Project shall comply with the Project Manager's directives regarding the scheduling, sequencing and coordination of the Work. The District expressly reserves the right to modify the Bid Schedule based upon input from the Prime Contractor or other project requirements. The Prime Contractor acknowledges and agrees that modifications to the Bid Schedule after award of the Contract shall not be a basis for adjustment of the Contract Time or the Contract Price.
- 7.3.3. **Preliminary Base Line Schedule.** Within seven (7) days following issuance of the Notice to Proceed, the Prime Contractor shall prepare and submit to the Project Manager a Contractor's Preliminary Construction Schedule reflecting all of Contractor's proposed revisions and recommendations to the Bid Schedule or, in the alternative, Contractor shall notify the District, in writing, that Contractor has no proposed revisions or recommendations to the Bid Schedule. The Prime

Contractor acknowledges and agrees that its proposed modifications to the Bid Schedule are subject to acceptance by the District in the sole and exclusive discretion of the District. The Prime Contractor may submit proposed revisions to the Bid Schedule depicting completion of the Work in a duration shorter than the Contract Time established for the Bid Package; provided that if such proposed modifications to the Bid Schedule are accepted, such acceptance shall not be a basis for adjustment to the Contract Price in the event that completion of the Work shall occur after the time depicted therein, nor shall revisions to the Bid Schedule be the basis for any extension of the Contract Time. If the Prime Contractor does not submit a Contractor's Preliminary Construction Schedule within ten (10) days following the issuance of the Notice to Proceed, Contractor shall be deemed to have waived its right to submit a Contractor Preliminary Construction Schedule.

7.3.4. Baseline Construction Schedule. Based upon the approved input from the Preliminary Baseline Schedules for the entirety of the Project, the Project Manager will develop and issue a Baseline Construction Schedule. The Baseline Construction Schedule shall control and govern over the sequencing and scheduling noted in the Bid Schedule. The Work shall conform to the Baseline Construction Schedule, including updates and/or revisions thereto. The Baseline Construction Schedule shall be reviewed and updated at Project meeting(s) held periodically during the progress of the Work. If the Work appears to be delayed such that the Work will not comply with required milestone dates, the Bid Package Substantial Completion date and/or the Project Completion date set forth in the Baseline Construction Schedule(s), the Prime Contractor whose activity is on the critical path and/or who has caused the delay(s) shall be liable and assessed Liquidated Damages in accordance with the terms and provisions of the Agreement and these General Conditions.

7.3.5. Updated Construction Schedules. In the event that the progress of the Work or the sequencing of the activities of the Work shall materially differ from that indicated in the Baseline Construction Schedule, the Project Manager may direct the Prime Contractor to propose revisions to update the approved Baseline Construction Schedule. The Prime Contractor shall prepare and submit, within two (2) days, to the Project Manager revised input, in graphic form, to the Baseline Construction Schedule. The Prime Contractor may request consent of the Project Manager to revise the approved Baseline Construction Schedule. Any such request shall be considered by the Project Manager and District only if in writing setting forth the Prime Contractor's proposed revision(s) to the Baseline Construction Schedule and the reason(s) therefore. The Project Manager and District may consent to or deny in its reasonable discretion any such request of the Prime Contractor to revise the Baseline Construction Schedule. Also, the Project Manager may incorporate elements of the Three Week Look Ahead Schedules, as described below, into the Updated Construction Schedule. The Project Manager will incorporate accepted revisions to the Baseline Construction Schedule and issue an Updated Construction Schedule.

- 7.3.6. Recovery Schedules.** The Prime Contractor working on critical path items or whose progress of Work is behind that indicated in the current Updated Construction Schedule shall monitor and update the most recently approved Updated Construction Schedule on a monthly basis, or more frequently as required by the conditions or progress of the Work, or as requested by the Project Manager. The Prime Contractor shall provide the Project Manager with updated Recovery Schedules indicating utilized and projected manpower, progress achieved and activities commenced or completed within the prior Updated Construction Schedule. The Prime Contractor must also provide a written and/or graphic plan to the Project Manager, within forty-eight (48) hours of request, that recovers lost time to achieve the milestone dates and sequencing of activities established in the most recent Updated Construction Schedule. The Project Manager may direct the sequence in which the various portions of Work within a Bid Package or between Bid Packages shall be performed and may adjust the Construction Schedule(s) at any time the Project Manager considers the completion date to be in jeopardy because of "activities behind schedule." Without adjustment of the Contract Time or the Contract Price, the Prime Contractor shall comply and perform in accordance with revisions to the Construction Schedule(s) issued by the Project Manager hereunder. If requested by the Project Manager, the Prime Contractor shall also submit, with its updates, a narrative statement including a description of current and anticipated problem areas of the Work, delaying factors and their impact, and an explanation of corrective action taken or proposed by the Prime Contractor. The District may, from time to time, and in the District's sole and exclusive discretion, transmit to the Contractor's Performance Bond Surety the Construction Schedule, any updates thereof and the narrative statement described hereinabove. The District's election to transmit, or not to transmit such information, to the Contractor's Performance Bond Surety shall not limit the Contractor's obligations under the Contract Documents.
- 7.3.7. Three (3) Week Look Ahead Schedule.** The Prime Contractor shall prepare report, submit and maintain the Construction Schedule, on a weekly or regular basis, by submitting a Three (3) Week Look Ahead Schedule at Project Meetings. The Three (3) Week Look Ahead Schedule shall provide additional definition of manpower, activities and sequencing to those identified on the Construction Schedule. The form, content and extent of detail in the Contractor prepared Three (3) Week Look Ahead Schedules shall be as required by the Project Manager. The Project Manager shall assimilate each of the various Contractors' Three (3) Week Look Ahead Schedules into an overall Project Three (3) Week Look Ahead Schedule and issue it at the following Project Meeting to utilize as a comparison of progress against the most recent Construction Schedule. Failure of the Prime Contractor to provide a Three (3) Week Look Ahead Schedule may be deemed by the District as the Prime Contractor's default in the performance of a material obligation under Contract Documents.
- 7.3.8. Cost of Scheduling.** Any and all costs or expenses required or incurred to

prepare, submit, maintain, and update the Construction, Recovery or Three (3) Week Look Ahead Schedules shall be solely that of the Prime Contractor without adjustment of the Contract Price. The Contract Price shall not be subject to adjustment on account of costs, fees or expenses incurred or associated with the Prime Contractor's preparation, submittal, and maintenance or updating of the Bid Package Construction Schedules. If the Prime Contractor does not comply with this District's request for an updated schedule, the District may have the update completed by others at the Prime Contractor's expense. In such event, the updated Construction Schedule shall be deemed binding upon the Prime Contractor and the District may deduct all costs, fee or expenses in preparing such updated Construction Schedule(s) from any portion of the Contract Price then or thereafter due the Prime Contractor.

- 7.3.9. Scheduling Software & Requirements.** Unless otherwise provided in the Special Conditions, the Construction Schedules required under this Article 7 shall; (i) be prepared with a commercially available computer software program in a critical path format; (ii) indicate the date(s) for commencement and completion of various portions of the Work of the Bid Package including without limitation, procurement, fabrication and delivery of major items, materials or equipment; (iii) indicate manpower (estimated men per day) and other resources required for completion of each schedule activity; (iv) indicate costs for completion of each schedule activity; (v) identify each Submittal required by the Contract Documents, the date for the Prime Contractor's submission of each Submittal and the date for the return of the reviewed Submittal to the Prime Contractor.
- 7.3.10. Float.** If the Construction Schedules required under this Article 7 incorporate therein any "float" time, such float shall be deemed to jointly belong to and owned by the District and the prime Contractor. As used herein, "float time" shall be deemed to refer to the time between earliest finish date and the latest finish date of each activity shown on the Construction Schedule. If the construction progress is ahead of schedule based on the Construction Schedule(s) and a delay is encountered (even if such delay is a District caused delay), no compensation of any type will be due the Prime Contractor and the District may claim float days equal to the delay until such float days are exhausted and the delay extends the overall project substantial completion date.
- 7.3.11. Contractor Schedule Responsibility.** The Prime Contractor is responsible for prosecuting the Work in accordance with the then most current Updated Construction Schedule. The Prime Contractor shall be liable to the District for all consequences of its delayed completion of the Work or portions thereof, including without limitation, liability for: (a) all costs, expenses or other charges (including direct, indirect, and/or administrative) incurred by Prime Contractor in furnishing such materials, labor, equipment or services necessary to recover and/or maintain progress of the Work in accordance with the then current Construction Schedule and Milestone Schedule; (b) assessment and withholding of Liquidated Damages for delayed Substantial Completion of the Work of the

Bid Package or portions of the Work of the Bid Package, as set forth in the Special Conditions; and (c) costs, losses, expenses, damages, claims or other demands asserted by other contractors for other Bid Packages ("Other Contractors") and/or the District's Engineer, Project Manager, Project Inspectors and/or testing and inspection consultants, the progress of which are delayed, interrupted, hindered or otherwise impacted by the Prime Contractor's failure to complete the Work in accordance with the then most current Updated Construction Schedule. The obligation of the Prime Contractor and the Contractor's Performance Bond Surety to defend, indemnify and hold harmless the Indemnified Parties, as set forth in Article 6.8 of the General Conditions, shall be deemed to include requests for equitable adjustment, claims, demands, actions, causes of actions or proceedings initiated by Other Contractors based in whole or in part on the delays of the Prime Contractor in completing the Work of the Contractor's Bid Package, or portions thereof, in accordance with the then most current Updated Construction Schedule.

7.3.12. Additional Requirements. Refer to Section 01 2000 Schedules and Payments of the Project Manual for additional requirements.

7.4. Adjustment of Contract Time. If Substantial Completion is delayed, adjustment, if any, to the Contract Time on account of such delay shall be in accordance with this Article 7.4.

7.4.1. Excusable Delays. If Substantial Completion of the Work is delayed by Excusable Delays, the Contract Time shall be subject to adjustment for such reasonable period of time as determined by the Engineer; Excusable Delays shall not result in any increase in the Contract Price. Excusable Delays refer to unforeseeable and unavoidable casualties or other unforeseen causes beyond the control, and without fault or neglect, of the Prime Contractor, any Subcontractor, Material Supplier or other person directly or indirectly engaged by the Prime Contractor in performance of any portion of the Work. Excusable Delays include unanticipated and unavoidable labor disputes, unusual and unanticipated delays in transportation of equipment, materials or Construction Equipment reasonably necessary for completion and proper execution of the Work, and unanticipated unusually severe weather conditions. Neither the financial resources of the Prime Contractor or any person or entity directly or indirectly engaged by the Prime Contractor in performance of any portion of the Work shall be deemed conditions beyond the control of the Prime Contractor. If an event of Excusable Delay occurs, the Contract Time shall be subject to adjustment hereunder only if the Prime Contractor establishes: (i) full compliance with all applicable provisions of the Contract Documents relative to the method, manner and time for Prime Contractor's notice and request for adjustment of the Contract Time; (ii) that the event(s) forming the basis for Prime Contractor's request to adjust the Contract Time are outside the reasonable control and without any fault or neglect of the Prime Contractor or any person or entity directly or indirectly engaged by Prime Contractor in performance of any portion of the Work; and (iii) that the event(s) forming the basis for Prime Contractor's request to adjust the Contract Time

directly and adversely impacted the progress of the Work as indicated in the Approved Construction Schedule or the most recent updated Approved Construction Schedule relative to the date(s) of the claimed event(s) of Excusable Delay. The foregoing provisions notwithstanding, if the Special Conditions set forth a number of "Rain Days" to be anticipated during performance of the Work, the Contract Time shall not be adjusted for rain related unusually severe weather conditions until and unless the actual number of Rain Days during performance of the Work shall exceed those noted in the Special Conditions and such additional Rain Days shall have directly and adversely impacted the progress of the Work as depicted in the Approved Construction Schedule or the most recent updated Approved Construction Schedule relative to the date(s) of such additional Rain Days.

- 7.4.2. Compensable Delays.** If Substantial Completion of the Work is delayed and such delay is caused by the acts or omissions of the District, the Engineer, or separate contractor employed by the District (collectively "Compensable Delays"), upon Prime Contractor's request and notice, in strict conformity with Articles 7 and 9 of these General Conditions, the Contract Time will be adjusted by Change Order for such reasonable period of time as determined by the Engineer and the District. In accordance with California Public Contract Code §7102, if the Prime Contractor's progress is delayed by any of the events described in the preceding sentence, Prime Contractor shall not be precluded from the recovery of damages directly and proximately resulting therefrom, provided that the District is liable for the delay, the delay is unreasonable under the circumstances involved and the delay was not within the reasonable contemplation of the District and the Prime Contractor at the time of execution of the Agreement. In such event, Prime Contractor's damages, if any, shall be limited to direct, actual and unavoidable additional costs of labor, materials or Construction Equipment directly resulting from such delay, and shall exclude indirect or other consequential damages. Except as expressly provided for herein, Prime Contractor shall not have any other claim, demand or right to adjustment of the Contract Price arising out of delay, interruption, hindrance or disruption to the progress of the Work. Adjustments to the Contract Price and the Contract Time, if any, on account of Changes to the Work or Suspension of the Work shall be governed by the applicable provisions of the Contract Documents, including without limitation, Articles 9 and 14 of these General Conditions.
- 7.4.3. Inexcusable Delays.** Inexcusable Delays refer to any delay to the progress of the Work caused by events or factors other than those specifically identified in Articles 7.4.1 and 7.4.2 above. Neither the Contract Price nor the Contract Time shall be adjusted on account of Inexcusable Delays.
- 7.4.4. Adjustment of Contract Time.**

7.4.4.1. Procedure for Adjustment of Contract Time. The Contract Time

shall be subject to adjustment only in strict conformity with applicable provisions of the Contract Documents. Failure of Prime Contractor to request adjustment(s) of the Contract Time in strict conformity with applicable provisions of the Contract Documents shall be deemed Prime Contractor's waiver of the same.

7.4.4.2. Limitations upon Adjustment of Contract Time on Account of Delays. Any adjustment of the Contract Time on account of an Excusable Delay or a Compensable Delay shall be limited as set forth herein. If an Inexcusable Delay and a Compensable Delay occur concurrently, the maximum extension of the Contract Time shall be the number of days from the commencement of the first delay to the cessation of the delay which ends last. If an Inexcusable Delay occurs concurrently with either an Excusable Delay or a Compensable Delay, the maximum extension of the Contract Time shall be the number of days, if any, which the Excusable Delay or the Compensable Delay exceeds the period of time of the Inexcusable Delay. In addition to the foregoing limitations upon extension of the Contract Time, no adjustment of the Contract Time shall be made on account of any Excusable Delays or Compensable Delays unless such delay(s) actually and directly impact Work or Work activities on the critical path of the then current and updated Approved Construction Schedule as of the date on which such delay first occurs. The District shall not be deemed in breach of, or otherwise in default of any obligation hereunder, if the District shall deny any request by the Prime Contractor for an adjustment of the Contract Time for any delay which does not actually and directly impact Work or Work activities on the then current and updated Approved Construction Schedule.

7.5. Liquidated Damages. Should the Contractor neglect, fail or refuse to: (i) submit Submittals in accordance with the Approved Construction Schedule or Updated Construction Schedule, as applicable; (ii) achieve Substantial Completion of the Work within the Contract Time, (subject to adjustments authorized under the Contract Documents); (iii) achieve completion of certain phases thereof or milestones as required by the Approved Construction Schedule or (iv) complete Punch list items within the time established pursuant to the Contract Documents, the Contractor agrees to pay to the District the amount of per diem Liquidated Damages set forth in the Special Conditions, not as a penalty but as Liquidated Damages, for every day beyond the Contract Time, as adjusted, until Submittals are submitted, Substantial Completion or completion of the Punch list items are achieved. The Liquidated Damages amounts set forth in the Special Conditions are agreed upon by and between the Contractor and the District because of the difficulty of fixing the District's actual damages in the event of delayed submission of Submittals, Substantial Completion or completion of Punch list items. The Contractor and the District specifically agree that said amounts are reasonable estimates of the District's damages in such event, and that such amounts do not constitute a penalty. Liquidated Damages may be deducted from the Contract Price then or thereafter due the Contractor. The Contractor and the Surety shall each be jointly and severally liable to the District for any Liquidated Damages exceeding any amount of the Contract Price then held or retained by the

District, provided that liability of the Surety to the District shall be limited to the penal sum of the Performance Bond. In the event that the Contractor shall fail or refuse to complete Punch list items and the District elects to exercise its right to cause completion or correction of such items pursuant to Article 7.2.3.2 hereof, the District's assessment of Liquidated Damages pursuant to the foregoing shall be in addition to, and not in lieu of, the District's right to charge Contractor with the cost of completing or correcting such items of the Work, as provided for under Article 7.2.3.2. Moreover, the District's assessment of Liquidated Damages shall not limit or reduce damages available to the District for Contractor's delay to other contractors. The Contractor and the District acknowledge and agree that the provisions of this Article 7.5 are reasonable under the circumstances existing at the time of the Contractor's execution of the Agreement.

7.6. District Right to Take-Over Work.

- 7.6.1. Progress of Work.** If the Contractor fails or refuses, for any reason and at any time, to provide sufficient materials, labor, equipment, tools and services to maintain progress of the Work in accordance with the then current Construction Schedule, the District may correct such failure(s), after seventy-two (72) hour advance written notice of same from the District to the Contractor. Upon such notice, District may, in its sole discretion, takeover the Work or any portion thereof and thereafter diligently continue to completion or, in the alternative, supplement Contractor's materials, labor, equipment, tools and services to maintain progress of the Work in accordance with the then current Construction Schedule.
- 7.6.2. District's Right to Withhold.** All costs, expenses or other charges incurred by the District in connection with completing or supplementing the Work under this Article 7.6 shall be at the sole cost of the Contractor. District shall be entitled to deduct from the Contract Price then or thereafter due Contractor, all such costs, expenses, and charges, including costs for any additional services the District's representatives and consultants made necessary thereby. If the Contract Price then or thereafter due the Contractor is insufficient to cover such amounts, Contractor shall pay the additional sum to the District promptly upon demand therefor. The assessment and/or withholding of the amount of such costs, expenses, and/or other charges shall be in addition to, and not in lieu of, any liquidated damages assessed and/or withheld from Contractor under Article 7.5 hereof.
- 7.6.3. Non-Exclusive Remedy.** The District's exercise of rights pursuant to the foregoing shall not be deemed a waiver or limitation of any other right or remedy of the District under the Contract Documents or the Laws.

ARTICLE 8: CONTRACT PRICE

8.1. Contract Price. The Contract Price is the amount stated in the Agreement as such, and subject to any authorized adjustments thereto in accordance with the Contract Documents, is the total

amount payable by the District to the Prime Contractor for performance of the Work under the Contract Documents. The District's payment of the Contract Price to the Prime Contractor shall be in accordance with the Contract Documents. In addition to the conditions precedent set forth in Article 8.3.4.1 to the Contractor's right to receive a Progress Payment and the District's obligation to disburse a Progress Payment, additional conditions precedent to the Contractor's right to receive Progress Payments and the District's obligation to disburse Progress Payments shall be: (i) the Contractor's completion, execution and filing of DSA Form 102; and (ii) the Contractor's completion and execution of the Internal Revenue Service W -9 form, in strict conformity with the Internal Revenue Service rules and regulations relating thereto, along with submittal of the completed, executed form of W-9 to the District.

8.2. Cost Breakdown; Cash Flow Projections. Within fifteen (15) days of the execution of the Agreement by Prime Contractor, Prime Contractor shall furnish, on forms provided or approved by the District, a detailed estimate and complete Cost Breakdown of the entire Contract Price. The Cost Breakdown shall be subject to the District's review and approval of the form and content thereof; in addition to other requirements relating to the Cost Breakdown, the items included therein shall be organized consistent with the CSI format, shall correlate with activities described in the Construction Schedule, and shall include separate items and costs for: mobilization, bond premiums, general conditions and Prime Contractor's fee. In the event that the District shall reasonably object to any portion of the Cost Breakdown, within ten (10) days of the District's receipt of the Cost Breakdown, the District shall notify the Prime Contractor, in writing of the District's objection(s) to the Cost Breakdown. Within five (5) days of the date of the District's written objection(s), Prime Contractor shall submit a revised Cost Breakdown to the District for review and approval. The foregoing procedure for the preparation, review and approval of the Cost Breakdown shall continue until the District has approved of the entirety of the Cost Breakdown. Once the Cost Breakdown is approved by the District, the Cost Breakdown shall not be thereafter modified or amended by the Prime Contractor without the prior consent and approval of the District, which may be granted or withheld in the sole reasonable discretion of the District. Notwithstanding any provision of the Contract Documents to the contrary, payment of the Prime Contractor's overhead, supervision and general conditions costs and profit, as such items are reflected in the Cost Breakdown, shall be made by the District in equal installments with its disbursements of Progress Payments and the Final Payment with the amount of each such installment equal to the aggregate amount of such items as reflected in the Cost Breakdown divided by the number of months of the Contract Time. Upon request of the District, the Prime Contractor shall provide reasonably satisfactory evidence to substantiate the cost of any item included in the Cost Breakdown. Concurrently with submittal of its Cost Breakdown, the Prime Contractor shall submit for review and approval a Cash Flow Projection on a monthly basis over the Contract Time duration for the entire Contract Price. The Cash Flow Projection shall be revised to take into account-authorized adjustments of the Contract Time or the Contract Price.

8.3. Progress Payments.

8.3.1. Applications for Progress Payments. During the Prime Contractor's performance of the Work, the Prime Contractor shall submit monthly, on the first working day of each month, to the Project Manager and the Engineer, Applications for Progress Payments, on forms approved by the District, setting forth an itemized estimate of Work completed in the preceding month for the

purpose of the District's making of Progress Payments thereon. Values utilized in the Applications for Progress Payments shall be based upon the District approved Cost Breakdown pursuant to Article 8.2 above and such values shall be only for determining the basis of Progress Payments to Prime Contractor, and shall not be considered as fixing a basis for adjustments, whether additive or deductive, to the Contract Price, or for determining the extent of Work actually completed.

- 8.3.2. District's Review of Applications for Progress Payments.** In accordance with Public Contract Code §20104.50, upon receipt of an Application for Progress Payment, the District shall cause the same to be reviewed by the District's Inspector, the Project Manager, if one is designated by the District, and the Engineer, as soon as is practicable after receipt of such Application for Progress Payment. Such review shall be for the purpose of determining that the Application for Progress Payment is a proper Progress Payment request. For purposes of this Article 8.3.2, an Application for Progress Payment shall be deemed "proper" only if it is submitted on the form approved by the District, with all of the requested information of such form of Application for Progress Payment completely and accurately provided by the Prime Contractor and such completed Application for Progress Payment is accompanied by: (i) Certified Payrolls of the Prime Contractor and all Subcontractors, of any tier, for laborers performing any portion of the Work for which a Progress Payment is requested; (ii) duly completed and executed forms of Conditional Waiver and Release of Rights Upon Progress Payment in accordance with California Civil Code §3262 of the Prime Contractor, all Subcontractors of any tier, and Material Suppliers covering the Progress Payment requested; (iii) duly completed and executed forms of Unconditional Waiver and Release of Rights upon Progress Payment in accordance with California Civil Code §3262 of the Prime Contractor, all Subcontractors of any tier, and Material Suppliers covering the Progress Payment received by the Prime Contractor under the prior Application for Progress Payment; (iv) if applicable, a current union statement reflecting that the Prime Contractor and any Subcontractor of any tier, are current in the payment of any supplemental fringe benefits required pursuant to any collective bargaining agreement to which the Prime Contractor or any such Subcontractor is a party to or is otherwise bound by; and (v) a certification by the Prime Contractor that it has continuously maintained, or caused to be maintained, the Record Drawings reflecting the actual as-built conditions of the Work performed be for which the Progress Payment is requested, it being understood that such certification is subject to verification by the District, Engineer or the Project Manager prior to disbursement of the Progress Payment. In accordance with Public Contract Code §20104.50, an Application for Progress Payment determined by the District not to be a proper Application for Progress Payment shall be returned by the District to the Prime Contractor as soon as is practicable after receipt of the same from the Prime Contractor, but in no event not more than seven (7) days after the District's receipt thereof. The District's return of any Application for Progress Payment pursuant to the preceding sentence shall be accompanied by a written document

setting forth the reason(s) why the Application for Progress Payment is not proper.

8.3.3. Engineer's, Project Manager's, and District's Inspector Review of Applications for Progress Payments. Upon receipt of an Application for Progress Payment, the Engineer, Project Manager, and the District's Inspector shall inspect and verify the Work to determine whether it has been performed in accordance with the terms of the Contract Documents and to determine the portion of the Application for Progress Payment which is properly due to the Prime Contractor under the terms of the Contract Documents.

8.3.4. District's Disbursement of Progress Payments.

8.3.4.1. Timely Disbursement of Progress Payments. In accordance with Public Contract Code §20104.50, within thirty (30) days after the District's receipt of a proper Application for Progress Payment, there shall be paid, by District, to Prime Contractor a sum equal to ninety-five percent (95%) of the value of the Work indicated in the Application for Progress Payment which is actually in place as of the date of the Application for Progress Payment and as verified and approved by the District's Inspector and the Engineer and the pro rata portion of the Prime Contractor's overhead, supervision and general conditions costs and profit for that month; provided, however, that the District's obligation to disburse any Progress Payment shall be subject to the District's receipt of all documents set forth in Article 8.3.2 above, each and all of which are conditions precedent to the District's obligation to disburse Progress Payments. If an Application for Progress Payment is determined not to be proper due to the failure or refusal of the Prime Contractor to submit documents with the Application for Progress Payment, as required by Article 8.3.2, or incompleteness or inaccuracies in any such documents submitted or if it is reasonably determined that the Record Drawings have not been continuously maintained to reflect the actual as built conditions of the Work completed in the period for which the Progress Payment is requested, the thirty (30) day period hereunder for the District's timely disbursement of a Progress Payment shall be deemed to commence on the date that the District is actually in receipt of documents not submitted with the Application for Progress Payment, or corrections to documents with the Application for Progress Payment so as to render them complete and accurate, or the date upon which the Prime Contractor accurately and fully completes preparation of the Record Drawings relating to the Work for which the Progress Payment is requested.

8.3.4.2. Untimely Disbursement of Progress Payments. In accordance with Public Contract Code §20104.50, in the event that the District shall fail

to make any Progress Payment within thirty (30) days after receipt of an undisputed and properly submitted Application for Progress Payment, the District shall pay the Prime Contractor interest on the undisputed amount of such Application for Progress Payment equal to the legal rate of interest set forth in California Code of Civil Procedure §685.010(a). The foregoing notwithstanding, in the event that the District shall determine that any Application for Progress Payment is not proper, pursuant to Article 8.3.2 above, and the District does not return such Application for Progress Payment within the seven (7) day period provided for in Article 8.3.2, the period of time for the District's disbursement of the Progress Payment on such Application for Progress Payment without incurring the interest liability shall be reduced by the number of days exceeding the seven (7) day return period.

8.3.4.3. District's Right to Disburse Progress Payments by Joint Checks. Provided that the District is in receipt of the applicable Subcontract or Purchase Order, the District, may in its sole discretion, issue joint checks to the Prime Contractor and such Subcontractor or Material Supplier in satisfaction of its obligation to make Progress Payments or the Final Payment due hereunder.

8.3.4.4. No Waiver of Defective or Non-Conforming Work. The approval of any Application for Progress Payment or the disbursement of any Progress Payment to the Prime Contractor shall not be deemed nor constitute acceptance of defective Work or Work not in conformity with the Contract Documents.

8.3.5. Progress Payments for Changed Work. The Prime Contractor's Applications for Progress Payment may include requests for payment on account of Changes in the Work which have been properly authorized and approved by the District's Inspector, the Engineer and all other governmental agencies with jurisdiction over such Change in accordance with the terms of the Contract Documents and for which a Change Order has been issued. Except as provided for herein, no other payment shall be made by the District for Changes in the Work.

8.3.6. Materials or Equipment Not Incorporated Into the Work.

8.3.6.1. Limitations upon Payment. Except as expressly provided for herein, no payments shall be made by the District on account of any item of the Work, including without limitation, materials or equipment which, at the time of the Prime Contractor's submittal of an Application for Progress Payment, has/have not been incorporated into and made a part of the Work.

8.3.6.2. Materials or Equipment Delivered and Stored at the Site. The District may, in its sole and exclusive discretion, make payment for materials or equipment not yet incorporated into the Work if, at or prior to the time of the Prime Contractor's submittal of a an Application for Progress Payment incorporating therein a request for payment of such materials or equipment if all of the following are complied with: (a) the materials or equipment have been delivered to the Site; (b) adequate arrangements, reasonably satisfactory to the District, have been made by the Prime Contractor to store and protect such materials or equipment at the Site including without limitation, insurance reasonably satisfactory to the District, covering and protecting against the risk of loss, destruction, theft or other damage to such materials or equipment while in storage; and (c) the establishment of procedures reasonably satisfactory to the District by which title to such materials or equipment will be vested in the District upon the District's payment therefore. The Prime Contractor acknowledges that the discretion to make, or not to make, payment for materials or equipment delivered or stored at the site of the Work pursuant to the preceding sentence shall be exercised exclusively by the District; the District's exercise of discretion not to make payment for materials or equipment delivered or stored at the Site, but not yet incorporated into the Work shall not be deemed the District's default hereunder. In the event that the District shall elect to make payment for materials or equipment delivered and stored at the Site, the costs and expenses incurred to comply with the requirements of (b) and (c) of this Article 8.3.6.2 shall be borne solely and exclusively by the Prime Contractor and no payment shall be made by the District on account of such costs and expenses.

8.3.6.3. Materials or Equipment Not Delivered or Stored at the Site. No payments shall be made by the District for materials or equipment to be incorporated into the Work where such materials or equipment have not been delivered or stored at the Site. The foregoing notwithstanding, the District may, in its sole and exclusive discretion, elect to make payment for materials or equipment not incorporated into the Work and which are not delivered or stored at the Site at or prior to the time of the Prime Contractor's submittal of an Application for Progress Payment incorporating therein a request for payment of such materials or equipment provided that each and all of the following have been complied with: (a) adequate arrangements, reasonably satisfactory to the District, have been made by the Prime Contractor to store and protect such materials or equipment at a bonded warehouse, and which arrangements shall include without limitation, insurance reasonably satisfactory to the District, covering and protecting against the risk of loss, destruction, theft or other damage to such materials or equipment while in storage; and (b) the

establishment of procedures reasonably satisfactory to the District by which title to such materials or equipment will be vested in the District upon the District's payment therefore. The Prime Contractor acknowledges that the discretion to make, or not to make, payment for such materials or equipment delivered or stored at a bonded warehouse pursuant to the preceding sentence shall be exercised exclusively by the District; the District's exercise of discretion not to make payment for such materials or equipment shall not be deemed the District's default hereunder. In the event that the District shall elect to make payment for materials or equipment delivered and stored at a bonded warehouse, the costs and expenses incurred to comply with the requirements of (a) and (b) of this Article 8.3.6.3 shall be borne solely and exclusively by the Prime Contractor and no payment shall be made by the District on account of such costs and expenses.

8.3.6.4. Materials or Equipment in Fabrication or Transit. The provisions of this Article 8.3.6 notwithstanding, the District shall not make any payment on account of any materials or equipment which is in the process of being fabricated or which are in transit to the Site of or other storage location.

8.3.7. Exclusions from Progress Payments. In addition to the District's right to withhold disbursement of any Progress Payment provided for in the Contract Documents, neither the Prime Contractor's Application for Progress Payment shall include, nor shall the District be obligated to disburse any portion of the Contract Price for amounts which the Prime Contractor does not intend to pay any Subcontractor, of any tier, or Material Supplier because of a dispute or any other reason.

8.3.8. Title to Work. The Prime Contractor warrants that title to all Work covered by an Application for Progress Payment will pass to the District no later than the time of payment. The Prime Contractor further warrants that upon submittal of an Application for Progress Payment, all Work for which a Progress Payment has been previously issued and the Prime Contractor has received payment from the District therefore shall, to the best of the Prime Contractor's knowledge, information and belief, be free and clear of liens, claims, stop notices, security interests or encumbrances in favor of the Prime Contractor, Subcontractors, Material Suppliers or other persons or entities making a claim by reason of having provided labor, materials and equipment relating to the Work.

8.3.9. Substitute Security for Retention. In accordance with the provisions of California Public Contract Code §22300, eligible and equivalent securities may be substituted for any monies withheld by the District to ensure the Prime Contractor's performance under the Contract Documents at the request and expense of the Prime Contractor and in conformity with the provisions of California Public Contract Code §22300. The foregoing and the provisions of

California Public Contract Code §22300 notwithstanding, failure of the Prime Contractor to request the substitution of eligible and equivalent securities for monies to be withheld by the District prior to submission of the first Application for Progress Payment shall be deemed a waiver of such right.

8.4. Final Payment.

8.4.1. Application for Final Payment. When the Prime Contractor has achieved Final Completion and Acceptance of the entire Work and has otherwise fully performed its obligations under the Contract Documents, the Prime Contractor shall submit an Application for Final Payment on such form as approved by the District. Thereupon, the Engineer and the District's Inspector will promptly make a final inspection of the Work and when the Engineer and the District's Inspector find the Work acceptable under the Contract Documents and that the Contract has been fully performed by the Prime Contractor, the Engineer and the District's Inspector will thereupon promptly approve the Application for Final Payment, stating that to the best their knowledge, information and belief, the Work on the entire Project has been fully completed in accordance with the terms of the Contract Documents. The Final Payment shall include the remaining balance of the Contract Price and any retention from Progress Payments previously withheld by the District.

8.4.2. Conditions Precedent to Disbursement of Final Payment. Neither Final Payment nor any remaining Contract Price shall become due until the Prime Contractor submits to the District each and all of the following, the submittal of which are conditions precedent to the District's obligation to disburse the Final Payment: (i) an affidavit or certification by the Prime Contractor that payrolls, bills for materials and other indebtedness incurred in connection with the Work for which the District or the District's property may or might be responsible or encumbered have been paid or otherwise satisfied; (ii) a certificate evidencing that insurance required by the Contract Documents to remain in force after the Prime Contractor's receipt of Final Payment is currently in effect; (iii) a written statement that the Prime Contractor knows of no substantial reason that the insurance will not be renewable to cover any period following Final Payment as required by the Contract Documents; (iv) consent of the Surety on the Labor and Material Payment Bond and Performance Bond, to Final Payment if required; (v) duly completed and executed forms of Conditional or Unconditional Waivers and Releases of rights upon Final Payment of the Prime Contractor, Subcontractors of any tier and Material Suppliers in accordance with California Civil Code §3262, with each of the same stating that there are, or will be, no claims for additional compensation after disbursement of the Final Payment; (vi) Operations and Maintenance manuals and separate warranties provided by any manufacturer or distributor of any materials or equipment incorporated into the Work; (vii) the Record Drawings; (viii) the form of Guarantee included in the Contract Documents duly executed by an authorized representative of the Prime Contractor; (ix) all other items or documents required by the Contract Documents

to be delivered to the District upon completion of the Work; (x) if required by the District, such other data establishing payment or satisfaction of obligations such as receipts, releases and waivers of liens, stop notices, claims, security interest or encumbrances arising out of the Contract to the extent and in such form as may be required by the District; and (xi) the Contractor's completion and filing of DSA Form 6.

8.4.3. Disbursement of Final Payment. Provided that the District is then in receipt of all documents and other items in Article 8.4.2 above as conditions precedent to the District's obligation to disburse Final Payment, not later than sixty (60) days following Final Acceptance the District shall disburse the Final Payment to the Prime Contractor. Pursuant to California Public Contract Code §7107, if there is any dispute between the District and the Prime Contractor at the time that disbursement of the Final Payment is due, the District may withhold from disbursement of the Final Payment an amount not to exceed one hundred fifty percent (150%) of the amount in dispute.

8.4.4. Waiver of Claims. The Prime Contractor's acceptance of the Final Payment shall be deemed a waiver and release by the Prime Contractor of any and all claims against the District for compensation or otherwise in connection with the Prime Contractor's performance of the Contract.

8.4.5. Claims Asserted After Final Payment. Any lien, stop notice or other claim filed or asserted after the Prime Contractor's acceptance of the Final Payment by any Subcontractor, of any tier, laborer, Material Supplier or others in connection with or for Work performed under the Contract Documents shall be the sole and exclusive responsibility of the Prime Contractor who further agrees to indemnify, defend and hold harmless the District and its officers, agents, representatives and employees from and against any claims, demands or judgments arising or associated therewith, including without limitation attorney's fees incurred by the District in connection therewith. In the event any lien, stop notice or other claim of any Subcontractor, Laborer, Material Supplier or others performing Work under the Contract Documents remain unsatisfied after Final Payment is made, Prime Contractor shall refund to District all monies that the District may pay or be compelled to pay in discharging any lien, stop notice or other claim, including, without limitation all costs and reasonable attorney's fees incurred by District in connection therewith.

8.5. Withholding of Payments. The District may withhold any Progress Payment or the Final Payment, in whole or in part, or back charge the Prime Contractor to the extent it may deem advisable to protect the District on account of: (i) defective Work or Work not in conformity with the requirements of the Contract Documents which is not remedied; (ii) failure of the Prime Contractor to make payments when due Subcontractors or Material Suppliers for materials or labor; (iii) claims filed or reasonable evidence of the probable filing of claims by Subcontractors, laborers, Material Suppliers, or others performing any portion of the Work under the Contract Documents for which the District may be liable or responsible including, without limitation, Stop Notice Claims filed with

the District pursuant to California Civil Code §3179 et. seq.; (iv) a reasonable doubt that the Contract can be completed for the then unpaid balance of the Contract Price; (v) tax demands filed in accordance with California Government Code §12419.4; (vi) other claims, penalties and/or forfeitures for which the District is required or authorized to retain funds otherwise due the Prime Contractor; (vii) any amounts due from the Prime Contractor to the District under the terms of the Contract Documents; or (viii) the Prime Contractor's failure to perform any of its obligations under the Contract Documents or its default under the Contract Documents or its failure to maintain adequate progress of the Work. In addition to the foregoing, the District shall not be obligated to process any Application for Progress Payment or Final Payment, nor shall Prime Contractor be entitled to any Progress Payment or Final Payment so long as any lawful or proper direction concerning the Work or the performance thereof or any portion thereof, given by the District, the District's Inspector, the Engineer or any public authority having jurisdiction over the Work, or any portion thereof, shall not be fully and completely complied with by the Prime Contractor. When the District is reasonably satisfied that the Prime Contractor has remedied any such deficiency, payment shall be made of the amount withheld.

8.6. Payments to Subcontractors. The Prime Contractor shall pay all Subcontractors for and on account of Work of the Contract performed by such Subcontractors in accordance with the terms of their respective subcontracts and as provided for pursuant to California Public Contract Code §10262, the provisions of which are deemed incorporated herein by this reference. In the event of the Prime Contractor's failure to make payment to Subcontractors in conformity with California Public Contract Code §10262, the provisions of California Public Contract Code §10253 shall apply; by this reference, the provisions of California Public Contract Code §10253 are incorporated herein in its entirety, except that the references in said Section 10253 to "the director" shall be deemed to refer to the District.

ARTICLE 9: CHANGES

9.1. Changes in the Work. The District, at any time, by written order, may make Changes within the general scope of the Work under the Contract Documents or issue additional instructions; require additional Work or direct deletion of Work. The Prime Contractor shall not proceed with any Change involving an increase or decrease in the Contract Price or the Contract Time without prior written authorization from the District. The foregoing notwithstanding, the Prime Contractor shall promptly commence and diligently complete any Change to the Work subject to the District's written authorization issued pursuant to the preceding sentence; the Prime Contractor shall not be relieved or excused from its prompt commencement and diligent completion of any Change subject to the District's written authorization by virtue of the absence or inability of the Prime Contractor and the District to agree upon the extent of any adjustment to the Contract Time or the Contract Price on account of such Change. The issuance of a Change Order pursuant to this Article 9 in connection with any Change authorized by the District under this Article 9.1 shall not be deemed a condition precedent to Prime Contractor's obligation to promptly commence and diligently complete any such Change authorized by the District hereunder. The District's right to make Changes shall not invalidate the Contract nor relieve the Prime Contractor of any liability or other obligations under the Contract Documents. Any requirement of notice of Changes in the scope of Work to the Surety shall be the responsibility of the Prime Contractor. Changes to the Work depicted or described in the Drawings or the Specifications shall be subject to approval by the DSA. The

District may make Changes to bring the Work or the Project into compliance with environmental requirements or standards established by state or federal statutes and regulations enacted after award of the Contract.

9.2. Oral Order of Change in the Work. Any oral order, direction, instruction, interpretation, or determination from the District, the District's Inspector or the Engineer which in the opinion of the Prime Contractor causes any change to the scope of the Work, or otherwise requires an adjustment to the Contract Price or the Contract Time, shall be treated as a Change only if the Prime Contractor gives the Engineer and the District's Inspector written notice within ten (10) days of the order, directions, instructions, interpretation or determination and prior to acting in accordance therewith. Time is of the essence in Prime Contractor's written notice pursuant to the preceding sentence so that the District can promptly investigate and consider alternative measures to address the order, direction, instruction, interpretation or determination-giving rise to Prime Contractor's notice. Accordingly, Prime Contractor acknowledges that its failure, for any reason, to give written notice within ten (10) days of such order, direction, instruction, interpretation or determination shall be deemed Prime Contractor's waiver of any right to assert or claim any entitlement to an adjustment of the Contract Time or the Contract Price on account of such order, direction, instruction, interpretation or determination. The written notice shall state the date, circumstances, extent of adjustment to the Contract Price or the Contract Time, if any, requested, and the source of the order, directions, instructions, interpretation or determination that the Prime Contractor regards as a Change. Unless the Prime Contractor acts in strict accordance with this procedure, any such order, direction, instruction, interpretation or determination shall not be treated as a Change and the Prime Contractor hereby waives any claim for any adjustment to the Contract Price or the Contract Time on account thereof.

9.3. Prime Contractor Submittal of Data. Within thirty (30) days after receipt of a written order directing a Change in the Work or furnishing the written notice regarding any oral order directing a Change in the Work, the Prime Contractor shall submit to the Engineer, the District's Inspector and the District a detailed written statement setting forth the general nature of the Change, the amount of any adjustment to the Contract Price on account thereof, properly itemized and supported by sufficient substantiating data to permit evaluation of the same, and the extent of adjustment of the Contract Time, if any, required by such Change. No claim or adjustment to the Contract Price or the Contract Time shall be allowed if not asserted by the Prime Contractor in strict conformity herewith or if asserted after Final Payment is made under the Contract Documents.

9.4. Adjustment to Contract Price and Contract Time on Account of Changes to the Work.

9.4.1. Adjustment to Contract Price. Adjustments to the Contract Price due to Changes in the Work shall be determined by application of one of the following methods, in the following order of priority:

9.4.1.1. Mutual Agreement. By negotiation and mutual agreement, on a lump sum basis, between the District and the Prime Contractor on the basis of the estimate of the actual and direct increase or decrease in costs on account of the Change. Upon request of the District or the Engineer, the Prime Contractor shall provide a detailed estimate of

increase or decrease in costs directly associated with performance of the Change along with cost breakdowns of the components of the Change and supporting data and documentation. The Prime Contractor's estimate of increase or decrease in costs pursuant to the foregoing, if requested, shall be in sufficient detail and in such form as to allow the District, the District's Inspector and the Engineer to review and assess the completeness and accuracy thereof. The Prime Contractor shall be solely responsible for any additional costs or additional time arising out of, or related in any manner to, its failure to provide the estimate of costs within the time specified in the request of the District or the Engineer for such estimate.

9.4.1.2. Application of Saylor Current Construction Costs. By application of the most recent edition of Saylor Current Construction Costs in effect at the time of Prime Contractor's performance of the Change in the Work for the locality of the Site. The Saylor Current Construction Costs shall be applied only to the extent that the Change in the Work is an item of costs specifically set forth in Saylor Construction Costs. In the event that Saylor Current Construction Costs shall cease publication, upon mutual agreement between the District and the Prime Contractor, for purposes of this Article 9.4.1.2, an alternate standardized estimating manual may be utilized in lieu of Saylor Construction Costs, if no mutual agreement is reached between the District and the Prime Contractor regarding the utilization of an alternate estimating manual, adjustments to the Contract Price on account of Changes in the Work shall be determined by application of the methods set forth in Articles 9.4.1.1 or 9.4.1.3 hereof.

9.4.1.3. Determination by the District. By the District, whether or not negotiations are initiated pursuant to Article 9.4.1.1 above based upon actual and necessary costs incurred by the Prime Contractor as determined by the District on the basis of the Prime Contractor's records. In the event that the procedure set forth in this Article 9.4.1.3 is utilized to determine the extent of adjustment to the Contract Price on account of Changes to the Work, promptly upon determining the extent of adjustment to the Contract Price, the District shall notify the Prime Contractor in writing of the same; the Prime Contractor shall be deemed to have accepted the District's determination of the amount of adjustment to the Contract Price on account of a Change to the Work unless Prime Contractor shall notify the District, the Engineer and the District's Inspector, in writing, not more than fifteen (15) days from the date of the District's written notice, of any objection to the District's determination. Failure of the Prime Contractor to timely notify the District, the Engineer and the District's Inspector of Prime Contractor's objections to the District's determination of the extent of adjustment to the Contract Price shall be deemed Prime

Contractor's acceptance of the District's determination and a waiver of any right or basis of the Prime Contractor to thereafter protest or otherwise object to the District's determination. Notwithstanding any objection of the Prime Contractor to the District's determination of the extent of any adjustment to the Contract Price pursuant to this Article 9.4.1.3, Prime Contractor shall, pursuant to Article 9.7 below, diligently proceed to perform and complete any such Change.

9.4.1.4. Basis for Adjustment of Contract Price. In the event of Changes in the Work resulting in an adjustment of the Contract Price and the adjustment of the Contract Price is based upon the methods set forth in Articles 9.4.1.1 or 9.4.1.3 above, the basis for adjustment of the Contract Price shall be as follows:

9.4.1.4.1. Labor. Prime Contractor shall be compensated for the costs of labor actually and directly utilized in the performance of the Change. Such labor costs shall be limited to field labor for which there is a prevailing wage rate classification. Wage rates for labor shall not exceed the prevailing wage rates in the locality of the Site and shall be in the labor classification(s) necessary for the performance of the Change. Use of a labor classification, which would increase labor costs associated with any Change, shall not be permitted. Labor costs shall exclude costs incurred by the Prime Contractor in preparing estimate(s) of the costs of the Change, in the maintenance of records relating to the costs of the Change, coordination and assembly of materials and information relating to the Change or performance thereof, or the supervision and other overhead and general conditions costs associated with the Change or performance thereof.

9.4.1.4.2. Materials and Equipment. Prime Contractor shall be compensated for the costs of materials and equipment necessarily and actually used or consumed in connection with the performance of Changes. Costs of materials and equipment may include reasonable costs of transportation from a source closest to the site of the Work and delivery to the Site. If discounts by Material Suppliers are available for materials necessarily used in the performance of Changes, they shall be credited to the District. If materials and/or equipment necessarily used in the performance of Changes are obtained from a supplier or source owned in whole or in part by the Prime Contractor, compensation therefore shall not

exceed the current wholesale price for such materials or equipment. If, in the reasonable opinion of the District, the costs asserted by the Prime Contractor for materials and/or equipment in connection with any Change is excessive, or if the Prime Contractor fails to provide satisfactory evidence of the actual costs of such materials and/or equipment from its supplier or vendor of the same, the costs of such materials and/or equipment and the District's obligation for payment of the same shall be limited to the then lowest wholesale price at which similar materials and/or equipment are available in the quantities required to perform the Change. The District reserves the right to furnish materials and/or equipment required for the performance of Changes to the Work, in which event the Prime Contractor shall not be compensated for the costs of furnishing such materials and/or equipment or any mark-up thereon.

- 9.4.1.4.3. Construction Equipment.** Prime Contractor shall be compensated for the actual cost of the necessary and direct use of Construction Equipment in the performance of Changes to the Work. Use of such Construction Equipment in the performance of Changes to the Work shall be compensated in increments of fifteen (15) minutes. Rental time for Construction Equipment moved by its own power shall include time required to move such Construction Equipment to the site of the Work from the nearest available rental source of the same. If Construction Equipment is not moved to the Site by its own power, Prime Contractor will be compensated for the loading and transportation costs in lieu of rental time. The foregoing notwithstanding, neither moving time or loading and transportation time shall be allowed if the Construction Equipment is used for performance of any portion of the Work other than Changes to the Work. Unless prior approval in writing is obtained by the Prime Contractor from the Engineer, the District's Inspector and the District, no costs or compensation shall be allowed for time while Construction Equipment is inoperative, idle or on standby, for any reason. The Prime Contractor shall not be entitled to an allowance or any other compensation for Construction Equipment or tools used in the performance of Changes to the Work where such Construction Equipment or tools have a replacement value of \$500.00 or less. Construction Equipment costs

claimed by the Prime Contractor in connection with the performance of any Change to the Work shall not exceed rental rates established by distributors or construction equipment rental agencies in the locality of the Site; any costs asserted which exceed such rental rates shall not be allowed or paid. Unless otherwise specifically approved in writing by the Engineer, the District's Inspector and the District, the allowable rate for the use of Construction Equipment in connection with Changes to the Work shall constitute full compensation to the Prime Contractor for the cost of rental, fuel, power, oil, lubrication, supplies, necessary attachments, repairs or maintenance of any kind, depreciation, storage, insurance, labor (exclusive of labor costs of the Construction Equipment operator), and any all other costs incurred by the Prime Contractor incidental to the use of such Construction Equipment.

- 9.4.1.4.4. Mark-up on Costs of Changes to the Work.** In determining the cost to the District and the extent of increase to the Contract Price resulting from a Change adding to the Work, the allowance or mark-ups on the costs of the Change for all overhead (including home office and field overhead), general conditions costs and profit associated with the Change shall not exceed the percentage set forth in the Special Conditions, regardless of the number of Subcontractors, of any tier, performing any portion of any Change to the Work. The foregoing notwithstanding, in the event that the Saylor Current Construction Costs, or a mutually agreed to estimating manual in the event that Saylor Current Construction Costs shall cease publication, is utilized to determine the costs of a Change and the cost computation therein includes an allowance for overhead, general conditions costs and/or profit, the Prime Contractor and any Subcontractor, of any tier, performing any portion of such Change, shall not be entitled to an allowance for overhead general conditions costs and/or profit beyond that reflected for such item of Change in the Saylor Current Construction Costs or other mutually agreed upon estimating manual. In the event of a Change to the Work resulting in a reduction of the Contract Price, no profit, general conditions or overhead costs shall be paid by the District to the Prime Contractor for the reduced or deleted Work. In such event, the adjustment to the Contract Price shall be the actual cost reduction realized

by the reduced or deleted Work multiplied by the percentage set forth in the Special Conditions for mark-ups on the cost of a Change adding to the scope of the Work.

9.4.1.5. Prime Contractor Maintenance of Records. In the event that Prime Contractor shall be directed to perform any Changes to the Work pursuant to Article 9.1 or 9.2, or should the Prime Contractor encounter conditions which the Prime Contractor, pursuant to Article 9.6, believes would obligate the District to adjust the Contract Price and/or the Contract Time, Prime Contractor shall maintain detailed records on a daily basis. Such records shall include without limitation hourly records for labor and Construction Equipment, purchase orders, invoices and bills of lading for all materials and equipment, rental agreements for Construction Equipment, together with itemized records of materials, equipment and Construction Equipment used that day in connection with the performance of any Change to the Work. In the event that more than one Change to the Work is performed by the Prime Contractor in a calendar day, Prime Contractor shall maintain separate records of labor, Construction Equipment, materials and equipment for each such Change. In the event that any Subcontractor, of any tier, shall provide or perform any portion of any Change to the Work, Prime Contractor shall require that each such Subcontractor maintain records in accordance with this Article 9.4.1.5. Each daily record maintained hereunder shall be signed by Prime Contractor's Superintendent or Prime Contractor's authorized representative; such signature shall be deemed Prime Contractor's representation and warranty that all information contained therein is true, accurate, and complete and relate only to the Change referenced therein. All records maintained by a Subcontractor, of any tier, relating to the costs of a Change to the Work shall be signed by such Subcontractor's authorized representative or Superintendent. All records maintained hereunder shall be subject to inspection, review and/or reproduction by the District, the Engineer or the District's Inspector upon request. In the event that Prime Contractor shall fail or refuse, for any reason, to maintain or make available for inspection, review and/or reproduction such records and the adjustment to the Contract Price on account of any Change to the Work is determined pursuant to Article 9.4.1.5, the District's reasonable good faith determination of the extent of adjustment to the Contract Price on account of such Change shall be final, conclusive, dispositive and binding upon Prime Contractor. Prime Contractor's obligation to maintain records under this Article 9.4.1.5 is in addition to, and not in lieu of, any other Prime Contractor obligation under the Contract Documents with respect to Changes to the Work.

9.4.2. Adjustment to Contract Time. In the event of any Change(s) to the Work

pursuant to this Article 9, the Contract Time shall be extended or reduced by Change Order for a period of time commensurate with the time reasonably necessary to perform such Change. In the event that any Change shall require an extension of the Contract Time, the Prime Contractor shall not be subject to Liquidated Damages for such period of time. In the event that completion of the Work is delayed by causes for which the District is responsible and the delay is unreasonable under the circumstances involved, and not within the contemplation of the Prime Contractor and the District at the time of execution of the Agreement, the Prime Contractor shall not be precluded from the recovery of damages arising there from.

- 9.4.3. Addition or Deletion of Alternate Bid Item(s).** In the event that the Bid for the Work includes proposal(s) for Alternate Bid Item(s), during Prime Contractor's performance of the Work, the District may elect, pursuant to this Article to add any such Alternate Bid Item(s) if the same did not form a basis for award of the Contract or delete any such Alternate Bid Item(s) if the same formed a basis for award of the Contract. In the event that the District shall elect to add or delete any such Alternate Bid Item(s), the cost or credit for such Alternate Bid Item(s) shall be as set forth in the Prime Contractor's Bid Proposal.

9.5. Change Orders. If the District approves of a Change, a written Change Order prepared by the Engineer on behalf of the District shall be forwarded to the Prime Contractor describing the Change and setting forth the adjustment to the Contract Time and the Contract Price, if any, on account of such Change. All Change Orders shall be in full payment and final settlement of all claims for direct, indirect and consequential costs, including without limitation, costs of delays or impacts related to, or arising out of, items covered and affected by the Change Order, as well as any adjustments to the Contract Time. Any claim or item relating to any Change incorporated into a Change Order not presented by the Prime Contractor for inclusion in the Change Order shall be deemed waived. The Prime Contractor shall execute the Change Order prepared pursuant to the foregoing; once the Change Order has been prepared and forwarded to the Prime Contractor for execution, without the prior approval of the District which may be granted or withheld in the sole and exclusive discretion of the District, the Prime Contractor shall not modify or amend the form or content of such Change Order, or any portion thereof. The Prime Contractor's attempted or purported modification or amendment of any such Change Order, without the prior approval of the District, shall not be binding upon the District; any such unapproved modification or amendment to such Change Order shall be null, void and unenforceable. Unless otherwise expressly provided for in the Contract Documents or in the Change Order, any Change Order issued hereunder shall be binding upon the District only upon action of the District's Board of Trustees approving and ratifying such Change Order. In the event of any amendment or modification made by the Prime Contractor to a Change Order for which there is no prior approval by the District, in accordance with the provisions of this Article 9.5, unless otherwise expressly stated in its approval and ratification of such Change Order, any action of the Board of Trustees to approve and ratify such Change Order shall be deemed to be limited to the Change Order as prepared by the Engineer; such approval and ratification of such Change Order shall not be deemed the District's approval and ratification of any unapproved amendment or modification by the Prime Contractor to such Change Order.

9.6. Unilateral Change Orders. A Unilateral Change Order is a Change Order issued by the District before the Prime Contractor and District have agreed on the extent of adjustment of the Contract Time or the Contract Price relating to a Change. The District may, in its sole reasonable discretion, issue a Unilateral Change Order for Changes in the Work approved by the District notwithstanding any failure of the Prime Contractor and the District to reach mutual agreement as to the extent of any adjustment to the Contract Price or Contract Time. The District shall issue a Unilateral Change Order only in the event that the procedure set forth in Article 9.4.1.2 is utilized to determine the extent of adjustment to the Contract Price, the District has notified the Prime Contractor in writing of the District's determination, and the Prime Contractor has notified the District, the Engineer, and the Project Inspector, in writing, not more than fifteen (15) days from the date of the District's written notice of its objection to the District's determination, or the District's determination has been deemed accepted by the Prime Contractor and the Prime Contractor has waived its right to protest or otherwise object to District's determination by failing to notify the District, the Engineer, and the Project Inspector, in writing, not more than fifteen (15) days from the date of the District's written notice of its objection to the District's determination. A Unilateral Change Order shall describe the Change and set forth the adjustment to the Contract Time and Contract Price, if any, and may include, without limitation, direct costs, indirect costs, and/or costs of delay or impact related to, or arising out of, items covered and/or affected by the Change Order. The District shall forward to the Prime Contractor a copy of the proposed Unilateral Change Order at least five (5) days prior to the Board of Trustees' review and consideration of the Unilateral Change Order for information only. Any Unilateral Change Order issued hereunder shall be binding upon the District and Prime Contractor only upon action of the District's Board of Trustees' approval of ratification of same. Any and all claims by the Prime Contractor arising out of such Unilateral Change Order, and/or the Change giving rise to such Unilateral Change Order, shall accrue as of the date of the Board of Trustees' approval or ratification of each such Unilateral Change Order and shall be subject to the claim provisions set forth in Article 16.11.

9.7. Construction Change Directive. A Construction Change Directive is a written instrument issued by the District directing a Change to the Work prior to the Prime Contractor and District reaching full agreement on an adjustment of the Contract Time and/or Contract Price on account of such Change. The Prime Contractor shall promptly commence and diligently complete any Change to the Work subject to a Construction Change Directive issued hereunder. The Prime Contractor shall not be relieved or excused from its prompt commencement and diligent completion of any Change subject to a Construction Change Directive by virtue of the absence or inability of the Prime Contractor and the District to agree upon the extent of any adjustment to the Contract Time or the Contract Price for such Change. The issuance of a Change Order pursuant to this Article 9 in connection with any Change authorized by the District under this Article 9.1 shall not be deemed a condition precedent to Prime Contractor's obligation to promptly commence and diligently complete any such Change authorized by a Construction Change Directive hereunder. Upon completion of the Work such Change, if the Prime Contractor and District have not agreed on the Contract Time and Contract Price for such Change, District shall issue a Unilateral Change Order pursuant to Article 9.6 hereof.

9.8. Prime Contractor Notice of Changes. If the Prime Contractor should claim that an instruction, request, the Drawings, the Specifications, action, condition, omission, default, or other situation obligates the District to increase the Contract Price or to extend the Contract Time, the Prime

Contractor shall notify the District's Inspector and the Engineer, in writing, of such claim within ten (10) days from the date of its actual or constructive notice of the factual basis supporting the same. The District shall consider any such claim of the Prime Contractor only if sufficient supporting documentation is submitted with the Prime Contractor's notice to the District's Inspector and the Engineer. Time is of the essence in Prime Contractor's written notice pursuant to the preceding sentence so that the District can promptly investigate and consider alternative measures to the address such instruction, request, Drawings, Specifications, action, condition, omission, default or other situation. Accordingly, Prime Contractor acknowledges that its failure, for any reason, to give written notice (with sufficient supporting documentation to permit the District's review and evaluation) within ten (10) days of its actual or constructive knowledge of any instruction, request, Drawings, Specifications, action, condition, omission, default or other situation for which the Prime Contractor believes there should an adjustment of the Contract Time or the Contract Price shall be deemed Prime Contractor's waiver, release, discharge and relinquishment of any right to assert or claim any entitlement to an adjustment of the Contract Time or the Contract Price on account of any such instruction, request, Drawings, Specifications, action, condition, omission, default or other situation. In the event that the District determines that the Contract Price or the Contract Time are subject to adjustment based upon the events, circumstances and supporting documentation submitted with the Prime Contractor's written notice under this Article 9.6, any such adjustment shall be determined in accordance with the provisions of Articles 9.4.1 and 9.4.2.

9.9. Disputed Changes. In the event of any dispute or disagreement between the Prime Contractor and the District or the Engineer regarding the characterization of any item as a Change to the Work or as to the appropriate adjustment of the Contract Price or the Contract Time on account thereof, the Prime Contractor shall promptly proceed with the performance of such item of the Work, subject to a subsequent resolution of such dispute or disagreement in accordance with the terms of the Contract Documents. The Prime Contractor's failure or refusal to so proceed with such Work may be deemed to be Prime Contractor's default of a material obligation of the Prime Contractor under the Contract Documents.

9.10. Emergencies. In an emergency affecting the safety of life, or of the Work, or of property, the Prime Contractor, without special instruction or prior authorization from the District or the Engineer, is permitted to act at its discretion to prevent such threatened loss or injury. Any compensation claimed by the Prime Contractor on account of such emergency work shall be submitted and determined in accordance with this Article 9.

9.11. Minor Changes in the Work. The Engineer may order minor Changes in the Work not involving an adjustment in the Contract Price or the Contract Time and not inconsistent with the intent of the Contract Documents. Such Changes shall be effected by written order and shall be binding on the District and the Prime Contractor. The Project Manager or the District's Inspector may direct the Prime Contractor to perform Changes provided that each such Change does not result in an increase of more than Five Hundred Dollars (\$500) to the Contract Price and no adjustment of the Contract Time. The Prime Contractor shall carry out such orders promptly.

9.12. Unauthorized Changes. Any Work beyond the lines and grades shown on the Contract

Documents, or any extra Work performed or provided by the Prime Contractor without notice to the Engineer and the District's Inspector in the manner and within the time set forth in Articles 9.2 or 9.6 shall be considered unauthorized and at the sole expense of the Prime Contractor. Work so done will not be measured or paid for, no extension to the Contract Time will be granted on account thereof and any such Work may be ordered removed at the Prime Contractor's sole cost and expense. The failure of the District to direct or order removal of such Work shall not constitute acceptance or approval of such Work nor relieve the Prime Contractor from any liability on account thereof.

ARTICLE 10: SEPARATE CONTRACTORS

10.1. District's Right to Award Separate Contracts. The District reserves the right to perform construction or operations related to the Project with the District's own forces or to award separate contracts in connection with other portions of the Project or other construction or operations at or about the Site. If the Prime Contractor claims that delay or additional cost is involved because of such action by the District, the Prime Contractor shall seek an adjustment to the Contract Price or the Contract Time as provided for in the Contract Documents. Failure of the Prime Contractor to request such an adjustment of the Contract Time or the Contract Price in strict conformity with the provisions of the Contract Documents applicable thereto shall be deemed a waiver of the same.

10.2. District's Coordination of Separate Contractors. The District shall provide for coordination of the activities of the District's own forces and of each separate contractor with the Work of the Prime Contractor, and with that of other Prime Contractors who shall cooperate with them. Each Prime Contractor shall participate with other separate contractors and the District in reviewing their respective Construction Schedules when directed to do so. The Prime Contractor shall make any revisions to the Approved Construction Schedule for the Work hereunder deemed necessary after a joint review and mutual agreement. The Construction Schedules shall then constitute the Construction Schedules to be used by the Prime Contractor, separate contractors and the District until subsequently revised.

10.3. Mutual Responsibility. The Prime Contractor shall afford the District and separate contractors reasonable opportunity for introduction and storage of their materials and equipment and performance of their activities at the site of the Work and shall connect and coordinate the Contractor's Work, construction and operations with theirs as required by the Contract Documents.

10.4. Discrepancies or Defects. If part of the Prime Contractor's Work depends for proper execution or results upon construction or operations by the District or a separate Prime Contractor, the Prime Contractor shall, prior to proceeding with that portion of the Work, promptly report to the Engineer and the District's Inspector any apparent discrepancies or defects in such other construction that would render it unsuitable for such proper execution and results. Failure of the Prime Contractor to so report shall constitute an acknowledgment that the District's or separate Prime Contractor's completed or partially completed construction is fit and proper to receive the Prime Contractor's Work, except as to defects not then discoverable by the Prime Contractor's reasonable diligence.

ARTICLE 11: TESTS AND INSPECTIONS

11.1. Tests; Inspections; Observations.

11.1.1. Prime Contractor's Notice. If the Contract Documents, laws, ordinances or any public authority with jurisdiction over the Work requires the Work, or any portion thereof, to be specially tested, inspected or approved, the Prime Contractor shall give the Engineer, the Project Manager and the District's Inspector written notice of the readiness of such Work for observation, testing or inspection at least two (2) working days prior to the time for the conducting of such test, inspection or observation. If inspection, testing or observation is by authority other than the District, the Prime Contractor shall inform the District's Inspector and the Project Manager not less than two (2) working days prior to the date fixed for such inspection, test or observation. The Prime Contractor shall not cover up any portion of the Work subject to tests, inspections or observations prior to the completion and satisfaction of the requirements of such test, inspection or observation. In the event that any portion of the Work subject to tests, inspection or approval shall be covered up by Prime Contractor prior to completion and satisfaction of the requirements of such tests, inspection or approval, Prime Contractor shall be responsible for the uncovering of such portion of the Work as is necessary for performing such tests, inspection or approval without adjustment of the Contract Price or the Contract Time on account thereof.

11.1.2. Cost of Tests and Inspections. Except as set forth below, the District will pay for fees, costs and expenses to complete the initial tests/inspections of portions of the Work as required by law, code or regulation, provided that such tests/inspections are conducted and completed at a location within a one hundred (100) mile radius of the Site. The foregoing notwithstanding, if the portion(s) of the Work subject to tests/inspections is/are not ready for such test/inspection at the time indicated in the Contractor's notice under Article 11.1.1 or if upon completion of such test/inspection, the portion(s) of the Work subject to such test/inspection do not meet or exceed the minimum requirements of such test/inspection, the Contractor shall be solely responsible for the payment of all fees, costs or expenses arising out of or related in any manner to subsequent tests/inspections of such portion(s) of the Work. Notwithstanding the District's payment of fees, costs or expenses for conducting initial tests/inspections, if any actions or failures to act of the Contractor or person or entity providing or performing Work under the direction or control of the Contractor require tests/inspections to be conducted over a period of more than eight (8) hours per day by any single person or on weekends/holidays, the Contractor shall be solely responsible for the payment of fees, costs or expenses which result from test/inspection services which exceed eight (8) hours per day by any single person or on Weekends/holidays. If any tests/inspections are conducted outside a one hundred (100) mile radius of the Site, the Contractor shall be solely responsible for all costs, fees or expenses to conduct and complete such tests/inspections conducted at such location including, without limitation, costs to complete such tests/inspections and travel, meal and related expenses.

11.1.3. Testing/Inspection Laboratory. The District shall select duly qualified person(s) or testing laboratory(ies) to conduct the tests and inspections to be paid for by the District and required by the Contract Documents. All such tests and inspections shall be in conformity with Title 24 of the California Code of Regulations. Where inspection or testing is to be conducted by an independent laboratory or testing agency, materials or samples thereof shall be selected by the laboratory, testing agency, the District's Inspector, the Project Manager or the Engineer and not by the Prime Contractor.

11.2. Additional Tests, Inspections and Approvals. If the Engineer, the Project Manager, the District's Inspector or public authorities having jurisdiction over the Work determine that portions of the Work require additional testing, inspection or approval, the Engineer will, upon written authorization from the District, instruct the Prime Contractor to make arrangements for such additional testing, inspection or approval by an entity acceptable to the District, and the Prime Contractor shall give timely notice to the Engineer, the Project Manager and the District's Inspector of when and where tests and inspections are to be made so the District's Inspector and the Engineer may observe such procedures. The District shall bear the costs of such additional tests, inspections or approvals, except to the extent that such additional tests, inspections or approvals reveal any failure of the Work to comply with the requirements of the Contract Documents, in which case the Prime Contractor shall bear all costs made necessary by such failures, including without limitation, the costs of corrections, repeat tests, inspections or approvals and the costs of the Engineer's services or its consultants in connection therewith.

11.3. Delivery of Certificates. Required certificates of testing, inspection or approval shall, unless otherwise required by the Contract Documents, be secured by the Prime Contractor and promptly delivered to the Engineer.

11.4. Timeliness of Tests, Inspections and Approvals. Tests or inspections required and conducted pursuant to the Contract Documents shall be made or arranged by Prime Contractor to avoid delay in the progress of the Work.

ARTICLE 12: UNCOVERING AND CORRECTION OF WORK

12.1. Inspection of the Work.

12.1.1. Access to the Work. All Work done and all materials and equipment forming a part of the Work or incorporated into the Work are subject to inspection by the District, the Project Manager, the Engineer and the District's Inspector for conformity with the Contract Documents. The Prime Contractor shall, at its cost and without adjustment to the Contract Price or the Contract Time, furnish any facilities necessary for sufficient and safe access to the Work for purposes of inspection by the District, the Project Manager, the Engineer, the District's Inspector, DSA or any other public or quasi-public authority with jurisdiction

over the Work or any portion thereof.

12.1.2. Limitations upon Inspections. Inspections, tests, measurements, or other acts of the Engineer and the District's Inspector hereunder are for the sole purpose of assisting them in determining that the Work, materials, equipment, progress of the Work, and quantities generally comply and conform to the requirements of the Contract Documents. These acts or functions shall not relieve the Prime Contractor from performing the Work in full compliance with the Contract Documents. No inspection by the Engineer or the District's Inspector shall constitute or imply acceptance of Work inspected. Inspection of the Work hereunder is in addition to, and not in lieu of, any other testing, inspections or approvals of the Work required under the Contract Documents.

12.2. Uncovering of Work. If any portion of the Work is covered contrary to the request of the Engineer, the District's Inspector or the requirements of the Contract Documents, it must, if required by the Engineer or the District's Inspector, be uncovered for observation by the Engineer and the District's Inspector and be replaced at the Prime Contractor's expense without adjustment of the Contract Time or the Contract Price.

12.3. Rejection of Work. Prior to the District's Final Acceptance of the Work, any Work or materials or equipment forming a part of the Work or incorporated into the Work which is defective or not in conformity with the Contract Documents may be rejected by the District, the Project Manager the Engineer or the District's Inspector and the Prime Contractor shall correct such rejected Work without any adjustment to the Contract Price or the Contract Time, even if the Work, materials or equipment have been previously inspected by the Engineer or the District's Inspector or even if they failed to observe the defective or nonconforming Work, materials or equipment.

12.4. Correction of Work. The Prime Contractor shall promptly correct any portion of the Work rejected by the District, the Project Manager, the Engineer or the District's Inspector for failing to conform to the requirements of the Contract Documents, or which is determined by them to be defective, whether observed before or after Substantial Completion and whether or not fabricated, installed or completed. The Prime Contractor shall bear all costs of correcting such rejected Work, including additional testing and inspections and compensation for the Engineer's services and expenses made necessary thereby. The Prime Contractor shall bear all costs of correcting destroyed or damaged construction, whether completed or partially completed, of the District or separate contractors, caused by the Prime Contractor's correction or removal of Work which is not in accordance with the requirements of the Contract Documents, or which is defective.

12.5. Removal of Non-Conforming or Defective Work. The Prime Contractor shall, at its sole cost and expense, remove from the site all portions of the Work which are defective or are not in accordance with the requirements of the Contract Documents which are neither corrected by the Prime Contractor nor accepted by the District.

12.6. Failure of Prime Contractor to Correct Work. If the Prime Contractor fails to commence to correct defective or non-conforming Work within 3 days of notice of such condition and promptly

thereafter complete the same within a reasonable time, the District may correct it in accordance with the Contract Documents. If the Prime Contractor does not proceed with correction of such defective or non-conforming Work within the time fixed herein, the District may remove it and store the salvable materials or equipment at the Prime Contractor's expense. If the Prime Contractor does not pay costs of such removal and storage after written notice, the District may sell such materials or equipment at auction or at private sale and shall account for the proceeds thereof, after deducting costs and damages that should have been borne by the Prime Contractor, including without limitation compensation for the Engineer's services, attorney's fees and other expenses made necessary thereby. If such proceeds of sale do not cover costs which the Prime Contractor should have borne, the Contract Price shall be reduced by the deficiency. If payments of the Contract Price then or thereafter due the Prime Contractor are not sufficient to cover such amount, the Prime Contractor and the Surety shall promptly pay the difference to the District.

12.7. Acceptance of Defective or Non-Conforming Work. The District may, in its sole and exclusive discretion, elect to accept Work which is defective or which is not in accordance with the requirements of the Contract Documents, instead of requiring its removal and correction, in which case the Contract Price shall be reduced as appropriate and equitable.

ARTICLE 13: WARRANTIES

13.1. Workmanship and Materials. The Prime Contractor warrants to the District that all materials and equipment furnished under the Contract Documents shall be new, of good quality and of the most suitable grade and quality for the purpose intended, unless otherwise specified in the Contract Documents. All Work shall be of good quality, free from faults and defects and in conformity with the requirements of the Contract Documents. If required by the Engineer or the District, the Prime Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment incorporated into the Work. Any Work or portion thereof not conforming to these requirements, including substitutions or alternatives not properly approved in accordance with the Contract Documents may be deemed defective. Where there is an approved substitution of, or alternative to, material or equipment specified in the Contract Documents, the Prime Contractor warrants to the District that such installation, construction, material, or equipment will equally perform the function and have the quality of the originally specified material or equipment. The Prime Contractor expressly warrants the merchantability, the fitness for use, and quality of all substitute or alternative items in addition to any warranty given by the manufacturer or supplier of such item.

13.2. Warranty Work. If, within one year after the date of Final Acceptance, any of the Work is found to be defective or not in accordance with the requirements of the Contract Documents, or otherwise contrary to the warranties contained in the Contract Documents, the Prime Contractor shall commence all necessary corrective action not more than seven (7) days after receipt of a written notice from the District to do so, and to thereafter diligently complete the same. In the event that Prime Contractor shall fail or refuse to commence correction of any such item within said seven (7) day period or to diligently prosecute such corrective actions to completion, the District may, without further notice to Prime Contractor, cause such corrective Work to be performed and completed. In such event, Prime Contractor and Prime Contractor's Performance Bond Surety shall be responsible for all costs in connection with such corrective Work, including without limitation, general

administrative overhead costs of the District in securing and overseeing such corrective Work. Nothing contained herein shall be construed to establish a period of limitation with respect to any obligation of the Prime Contractor under the Contract Documents. The obligations of the Prime Contractor hereunder shall be in addition to, and not in lieu of, any other obligations imposed by any special guarantee or warranty required by the Contract Documents, guarantees or warranties provided by any manufacturer of any item or equipment forming a part of, or incorporated into the Work, or otherwise recognized, prescribed or imposed by law. Neither the District's Final Acceptance, the making of Final Payment, any provision in Contract Documents, nor the use or occupancy of the Work, in whole or in part, by District shall constitute acceptance of Work not in accordance with the Contract Documents nor relieve the Prime Contractor or the Prime Contractor's Performance Bond Surety from liability with respect to any warranties or responsibility for faulty or defective Work or materials, equipment and workmanship incorporated therein.

13.3. Guarantee. Upon completion of the Work, Prime Contractor shall execute and deliver to the District the form of Guarantee included within the Contract Documents. Pursuant to Article 8.4.2 above, Prime Contractor's execution and delivery of the form of Guarantee is an express condition precedent to any obligation of the District to disburse the Final Payment to the Prime Contractor.

13.4. Survival of Warranties; Surety Obligations. The provisions of this Article 13 shall survive the Prime Contractor's completion of Work under the Contract Documents, the District's Final Acceptance or the termination of the Contract. The obligations of the Performance Bond Surety shall include, without limitation, assumption, performance, discharge and satisfaction of the Prime Contractor obligations under this Article 13 in the event of the failure or refusal of the Prime Contractor to assume, perform, discharge and satisfaction the obligations of the Prime Contractor set forth in this Article 13.

ARTICLE 14: SUSPENSION OF WORK

14.1. District's Right to Suspend Work. The District may, without cause, and without invalidating or terminating the Contract, order the Prime Contractor, in writing, to suspend, delay or interrupt the Work in whole or in part for such period of time as the District may determine. The Prime Contractor shall resume and complete the Work suspended by the District in accordance with the District's directive, whether issued at the time of the directive suspending the Work or subsequent thereto.

14.2. Adjustments to Contract Price and Contract Time. In the event the District shall order suspension of the Work, an adjustment shall be made to the Contract Price for increases in the direct cost of performance of the Work of the Contract Documents, actually caused by suspension, delay or interruption ordered by the District; provided however that no adjustment of the Contract Price shall be made to the extent: (i) that performance is, was or would have been so suspended, delayed or interrupted by another cause for which the Prime Contractor is responsible under the Contract Documents; or (ii) that an equitable adjustment is made or denied under another provision of the Contract Documents. The foregoing notwithstanding, any such adjustment of the Contract Price shall not include any adjustment to increase the Prime Contractor's overhead, general administrative

costs or profit, all of which will remain as reflected in the Cost Breakdown submitted by the Prime Contractor pursuant to the Contract Documents. In the event of the District's suspension of the Work, the Contract Time shall be equitably adjusted.

ARTICLE 15: TERMINATION

15.1. Termination for Cause.

15.1.1. District's Right to Terminate. The District may terminate the Contract upon the occurrence of anyone or more of the following events of the Prime Contractor's default: (i) if the Prime Contractor refuses or fails to prosecute the Work with diligence as will insure Substantial Completion of the Work within the Contract Time, or if the Prime Contractor fails to substantially Complete the Work within the Contract Time; (ii) if the Prime Contractor becomes bankrupt or insolvent, or makes a general assignment for the benefit of creditors, or if the Prime Contractor or a third party files a petition to reorganize or for protection under any bankruptcy or similar laws, or if a trustee or receiver is appointed for the Prime Contractor or for any of the Prime Contractor's property on account of the Prime Contractor's insolvency, and the Prime Contractor or its successor in interest does not provide adequate assurance of future performance in accordance with the Contract Documents within 10 days of receipt of a request for such assurance from the District; (iii) if the Prime Contractor repeatedly fails to supply sufficient skilled workmen or suitable materials or equipment; (iv) if the Prime Contractor repeatedly fails to make prompt payments to any Subcontractor, of any tier, or Material Suppliers or others for labor, materials or equipment; (v) if the Prime Contractor disregards laws, ordinances, rules, codes, regulations, orders applicable to the Work or similar requirements of any public entity having jurisdiction over the Work; (iv) if the Prime Contractor disregards proper directives of the Engineer, the District's Inspector or District under the Contract Documents; (vii) if the Prime Contractor performs Work which deviates from the Contract Documents and neglects or refuses to correct such Work; or (viii) if the Prime Contractor otherwise violates in any material way any provisions or requirements of the Contract Documents. Once the District determines that sufficient cause exists to justify the action, the District may terminate the Contract without prejudice to any other right or remedy the District may have, after giving the Prime Contractor and the Surety at least seven (7) days advance written notice of the effective date of termination. The District shall have the sole discretion to permit the Prime Contractor to remedy the cause for the termination without waiving the District's right to terminate the Contract, or otherwise waiving, restricting or limiting any other right or remedy of the District under the Contract Documents or at law.

15.1.2. District's Rights upon Termination. In the event that the Contract is terminated pursuant to this Article 15.1, the District may take over the Work and prosecute it to completion, by contract or otherwise, and may exclude the Prime Contractor

from the site. The District may take possession of the Work and of all of the Prime Contractor's tools, appliances, construction equipment, machinery, materials, and plant which may be on the site of the Work, and use the same to the full extent they could be used by the Prime Contractor without liability to the Prime Contractor. In exercising the District's right to prosecute the completion of the Work, the District may also take possession of all materials and equipment stored at the site of the Work or for which the District has paid the Prime Contractor but which are stored elsewhere, and finish the Work as the District deems expedient. In exercising the District's right to prosecute the completion of the Work, the District shall have the right to exercise its sole discretion as to the manner, methods, and reasonableness of the costs of completing the Work and the District shall not be required to obtain the lowest figure for completion of the Work. In the event that the District takes bids for remedial Work or completion of the Work, the Prime Contractor shall not be eligible for the award of such contract(s).

- 15.1.3. Completion by the Surety.** In the event that the Contract is terminated pursuant to this Article 15.1, the District may demand that the Surety take over and complete the Work. The District may require that in so doing, the Surety not utilize the Prime Contractor in performing and completing the Work. Upon the failure or refusal of the Surety to take over and begin completion of the Work within twenty (20) days after demand therefore, the District may take over the Work and prosecute it to completion as provided for above.
- 15.1.4. Assignment and Assumption of Subcontracts.** The District shall, in its sole and exclusive discretion, have the option of requiring any Subcontractor or Material Supplier to perform in accordance with its Subcontract or Purchase Order with the Prime Contractor and assign the Subcontract or Purchase Order to the District or such other person or entity selected by the District to complete the Work.
- 15.1.5. Costs of Completion.** In the event of termination under this Article 15.1, the Prime Contractor shall not be entitled to receive any further payment of the Contract Price until the Work is completed. If the unpaid balance of the Contract Price as of the date of termination exceeds the District's direct and indirect costs and expenses for completing the Work, including without limitation, attorneys' fees and compensation for additional professional and consultant services, such excess shall be used to pay the Prime Contractor for the cost of the Work performed prior to the effective date of termination with a reasonable allowance for overhead and profit. If the District's costs and expenses to complete the Work exceed the unpaid Contract Price, the Prime Contractor and/or the Surety shall pay the difference to the District.
- 15.1.6. Prime Contractor Responsibility for Damages.** The Prime Contractor and the Surety shall be liable for all damage sustained by the District resulting from, in any manner, the termination of Contract under this Article 15.1, including without limitation, attorneys' fees, and for all costs necessary for repair and completion of the Work over and beyond the Contract Price.

15.1.7. Conversion to Termination for Convenience. In the event the Contract is terminated under this Article 15.1, and it is determined, for any reason, that the Prime Contractor was not in default under the provisions hereof, the termination shall be deemed a Termination for Convenience of the District and thereupon, the rights and obligations of the District and the Prime Contractor shall be determined in accordance with Article 15.2 hereof.

15.1.8. District's Rights Cumulative. In the event the Contract is terminated pursuant to this Article 15.1, the termination shall not affect or limit any rights or remedies of the District against the Prime Contractor or the Surety. The rights and remedies of the District under this Article 15.1 are in addition to, and not in lieu of, any other rights and remedies provided by law or otherwise under the Contract Documents. Any retention or payment of monies to the Prime Contractor by the District shall not be deemed to release the Prime Contractor or the Surety from any liability hereunder.

15.2. Termination for Convenience of the District. The District may at any time, in its sole and exclusive discretion, by written notice to the Prime Contractor, terminate the Contract in whole or in part when it is in the interest of, or for the convenience of, the District. In such case, the Prime Contractor shall be entitled to payment for: (i) Work actually performed and in place as of the effective date of such termination for convenience of the District, with a reasonable allowance for profit and overhead on such Work, and (ii) reasonable termination expenses for reasonable protection of Work in place and suitable storage and protection of materials and equipment delivered to the site of the Work but not yet incorporated into the Work, provided that such payments exclusive of termination expenses shall not exceed the total Contract Price as reduced by payments previously made to the Prime Contractor and as further reduced by the value of the Work as not yet completed. The Prime Contractor shall not be entitled to profit and overhead on Work which was not performed as of the effective date of the termination for convenience of the District. The District may, in its sole and exclusive discretion, elect to have assigned to the District any Subcontract or Purchase Order to which the Prime Contractor is a party and thereupon requiring any Subcontractor or Material Supplier to performance in accordance with the Subcontract or Purchase Order between such Subcontractor or Material Supplier and the Prime Contractor. If the District elects to effectuate such assignment of any such Subcontract or Purchase Order, such assignment shall be effective in accordance with the District's written notice to the Prime Contractor and any Subcontractor or Material Supplier of the District's election to have such Subcontract or Purchase Order assigned to the District.

ARTICLE 16: MISCELLANEOUS

16.1. Governing Law. This Contract shall be governed by and interpreted in accordance with the laws of the State of California.

16.2. Marginal Headings; Interpretation. The titles of the various Articles of these General Conditions and elsewhere in the Contract Documents are used for convenience of reference only

and are not intended to, and shall in no way, enlarge or diminish the rights or obligations of the District or the Prime Contractor and shall have no effect upon the construction or interpretation of the Contract Documents. The Contract Documents shall be construed as a whole in accordance with their fair meaning and not strictly for or against the District or the Prime Contractor.

16.3. Successors and Assigns. Except as otherwise expressly provided in the Contract Documents, all terms, conditions and covenants of the Contract Documents shall be binding upon, and shall inure to the benefit of the District and the Prime Contractor and their respective heirs, representatives, successors-in-interest and assigns.

16.4. Cumulative Rights and Remedies; No Waiver. Duties and obligations imposed by the Contract Documents and rights and remedies available there under shall be in addition to and not in lieu of or otherwise a limitation or restriction of duties, obligations, rights and remedies otherwise imposed or available by law. No action or failure to act by the District shall constitute a waiver of a right or remedy afforded it under the Contract Documents or at law nor shall such an action or failure to act constitute approval of or acquiescence in a breach hereunder, except as may be specifically agreed in writing.

16.5. Severability. In the event any provision of the Contract Documents shall be deemed illegal, invalid, unenforceable and/or void, by a court or any other governmental agency of competent jurisdiction, such provision shall be deemed to be severed and deleted from the Contract Documents, but all remaining provisions hereof, shall in all other respects, continue in full force and effect.

16.6. No Assignment by Prime Contractor. The Prime Contractor shall not sublet or assign the Contract, or any portion thereof, or any monies due there under, without the express prior written consent and approval of the District, which approval may be withheld in the sole and exclusive discretion of the District. The District's approval to such assignment shall be upon such terms and conditions as determined by the District in its sole and exclusive discretion.

16.7. Gender and Number. Whenever the context of the Contract Documents so require, the neuter gender shall include the feminine and masculine, the masculine gender shall include the feminine and neuter, the singular number shall include the plural and the plural number shall include the singular.

16.8. Independent Prime Contractor Status. In performing its obligations under the Contract Documents, the Prime Contractor shall be deemed an independent contractor to the District and not an agent or employee of the District.

16.9. Notices. Except as otherwise expressly provided for in the Contract Documents, all notices which the District or the Prime Contractor may be required, or may desire, to serve on the other, shall be effective only if delivered by personal delivery or by postage prepaid, First Class Certified Return Receipt Requested United States Mail, addressed to the District or the Prime Contractor at their respective address set forth in the Contract Documents, or such other address(es) as either the District or the Prime Contractor may designate from time to time by written notice to the other in

conformity with the provisions hereof. In the event of personal delivery, such notices shall be deemed effective upon delivery, provided that such personal delivery requires a signed receipt by the recipient acknowledging delivery of the same. In the event of mailed notices, such notice shall be deemed effective on the third working day after deposit in the mail.

16.10. Disputes; Continuation of Work. Notwithstanding any claim, dispute or other disagreement between the District and the Prime Contractor regarding performance under the Contract Documents, the scope of Work there under, or any other matter arising out of or related to, in any manner, the Contract Documents, the Work or the Project, the Prime Contractor shall proceed diligently with performance of the Work and its other obligations under the Contractor Documents in accordance with the District's written direction, pending any final determination or decision regarding any such claim, dispute or disagreement.

16.11. Dispute Resolution; Arbitration.

16.11.1. Claims Under \$375,000.00. Claims between the District and the Contractor of \$375,000.00 or less shall be resolved in accordance with the procedures established in Part 3, Chapter 1, Article 1.5 of the California Public Contract Code, §§20104 et seq.; provided however that California Public Contract Code §20104.2(a) shall not supersede the requirements of the Contract Documents with respect to the Contractor's notification to the District of such claim or extend the time for the giving of such notice as provided in the Contract Documents. The term "claims" as used herein shall be as defined in California Public Contract Code §20104(b) (2).

16.11.2. Arbitration. Except as provided in Article 16.11.1, any other claims, disputes, disagreements or other matters in controversy between the District and the Contractor arising out of, or related, in any manner, to the Contract Documents, or the interpretation, clarification or enforcement thereof shall be resolved by arbitration conducted by a JAMS arbitrator identified as having expertise in Construction and in accordance with the Comprehensive Arbitration Rules and Procedures of JAMS in effect as of the date that a Demand for Arbitration is filed, except as expressly modified herein. The locale for any arbitration commenced hereunder shall be the regional office of JAMS closest to the Site.

16.11.3. Government Code Claims. Pursuant to Government Code Section 930.6, any and all claims, demands, disputes, disagreements or other matters in controversy between the Contractor and the District for money or damages, including, without limitation, a demand for arbitration, shall be deemed a "suit for money or damages" and shall be subject to the provisions of Government Code Sections 945.4, 945.6 and 946. Notwithstanding the dispute resolution and arbitration provisions set forth in Article 16 herein, all claims demands, disputes, disagreements or other matters in controversy between the Contractor and the District seeking money or damages in any sum shall first be presented to the District's Board of Trustees and acted upon or deemed rejected as a condition precedent to suit including, without limitation, demand for arbitration, in

accordance with California Government Code section 900, et seq.

16.11.4. Not Used.

16.11.5. Demand for Arbitration. A Demand for Arbitration shall be filed and served within a reasonable time after the occurrence of the claim, dispute or other disagreement giving rise to the Demand for Arbitration, but in no event shall a Demand for Arbitration be filed or served after the date when the institution of legal or equitable proceedings based upon such claim, dispute or other disagreement would be barred by the California Government Code or applicable statute of limitations. In the event more than one Demand for Arbitration is made by either the District or the Contractor, all such controversies shall be consolidated into a single arbitration proceeding, unless otherwise agreed to by the District and the Contractor.

16.11.6. Third Parties. The Contractor's Surety, a Subcontractor or Material Supplier to the Contractor and other third parties may be permitted to join in and be bound by an arbitration commenced hereunder if required by the terms of their respective agreements with the Contractor, except to the extent that such joinder would unduly delay or complicate the expeditious resolution of the claim, dispute or other disagreement between the District and the Contractor, in which case an appropriate severance order shall be issued by the arbitrator.

16.11.7. Discovery. In connection with any arbitration proceeding commenced hereunder, the discovery rights and procedures provided for in California Code of Civil Procedure § 1283.05 shall be applicable, and the same shall be deemed incorporated herein by this reference.

16.11.8. Arbitrator's Award. Notwithstanding Rule 24 of JAMS Comprehensive Arbitration Rules and Procedures, in accordance with California Code of Civil Procedure § 1296, in any arbitration to resolve a dispute relating to the Contract Documents, the arbitrator's award shall be supported by law and substantial evidence; the District and Contractor hereby expressly agree that a court shall, subject to California Code of Civil Procedure §1286.4, vacate the award if after review of the award it determines either that the award is not supported by substantial evidence or that it is based on an error of law. Any arbitration award that does not include written findings of fact and conclusions of law in conformity with California Code of Civil Procedure §1296 shall be invalid and unenforceable. Subject to the foregoing provisions of this Article 16.11, the arbitrator's award shall be final and binding upon the District and the Contractor.

16.11.9. Costs. The expenses and fees of the arbitrator shall be divided equally among the parties to the arbitration. Each party to any arbitration commenced hereunder shall be responsible for and shall bear its own attorneys' fees, witness fees and other cost and expense incurred in connection with such arbitration. The

foregoing notwithstanding, the arbitrator may award arbitration costs, including arbitrators' fees but excluding attorneys' fees, to the prevailing party.

16.11.10. Confirmation of Award. The confirmation, enforcement, vacation or correction of an arbitration award rendered hereunder shall be the Superior Court of the State of California for the county in which the Site is situated. The substantive and procedural rules for such post-award proceedings shall be as set forth in California Code of Civil Procedure §1285 et seq.

16.11.11. Not Used.

16.11.12. Limitation on Damages. In the event of the District's breach or default of its obligations under the Agreement, the damages, if any, recoverable by the Contractor shall be limited to general damages which are directly caused by the breach or default of the District and shall exclude any and all special or consequential damages, if any. By executing the Agreement, the Contractor expressly acknowledges the foregoing limitation to recovery of only general damages from the District if the District is in breach or default of its obligations under the Agreement; the Contractor expressly waives and relinquishes any recovery of special or consequential damages from the District including, without limitation, damages for: i) lost or impaired bonding capacity; and/or, ii) lost profits arising out of or in connection with any past, present, or future work of improvement, except for the Project which is the subject of the Contract Documents.

16.11.13. Inapplicability to Bid Bond. The provisions of this Article 16.11 shall not be applicable to disputes, disagreements or enforcement of rights or obligations under the Bid Bond; all claims, disputes and actions to enforce rights or obligations under the Bid Bond shall be adjudicated only by judicial proceedings commenced in a court of competent jurisdiction.

16.12. Capitalized Terms. Except as otherwise expressly provided, capitalized terms used in the Contract Documents shall have the meaning and definition for such terms as set forth in the Contract Documents.

16.13. Attorney's Fees. Except as expressly provided for in the Contract Documents, or authorized by law, neither the District nor the Prime Contractor shall recover from the other any attorneys' fees or other costs associated with or arising out of any legal, administrative or other proceedings filed or instituted in connection with or arising out of the Contract Documents or the performance of either the District or the Prime Contractor thereunder.

16.14. Provisions Required by Law Deemed Inserted. Each and every provision of law and clause required by law to be inserted in the Contract Documents shall be deemed to be inserted herein and the Contract Documents shall be read and enforced as though such provision or clause are included herein, and if through mistake, or otherwise, any such provision or clause is not inserted or if not

correctly inserted, then upon application of either party, the Contract Documents shall forthwith be physically amended to make such insertion or correction.

16.15. Days. Unless otherwise stated, references to "days" in the Contract Documents shall be deemed to be calendar days.

16.16. Entire Agreement. The Contract Documents contain the entire agreement and understanding between the District and the Prime Contractor concerning the subject matter hereof, and supersedes and replaces all prior negotiations, proposed agreements or amendments, whether written or oral. No amendment or modification to any provision of the Contract Documents shall be effective or enforceable except by an agreement in writing executed by the District and the Prime Contractor.

[END OF SECTION]

SPECIAL CONDITIONS

1. Application of Special Conditions. These Special Conditions for a part of the Contract Documents for the Work generally described as: **Access Control Door Hardware Retrofit (COS Hanford Campus)**.

2. Drawings and Specifications. Pursuant to Article 2.1.3 of the General Conditions, bid documents (Drawings and Specifications) shall be provided to the Prime Contractor in digital format (PDF) only. The Prime Contractor shall be responsible for the coordination and costs associated with printing and/or reproduction of such documents as needed to facilitate the Project. The Prime Contractor shall not use the Drawings or the Specifications in connection with any other work of improvement other than the Work of the Project.

3. Contacts. College of the Sequoias - District Police emergency phone (24 hours/7 days a week): (559) 730-3999.

4. Insurance.

4.1. Insurance Requirements for Contractor and Subcontractors. Pursuant to Article 6 of the General Conditions, the Contractor and each Subcontractor shall obtain and maintain the following insurance coverage with the following minimum coverage amounts:

Workers Compensation Insurance: (In accordance with applicable law)

Employers Liability Insurance: \$1,000,000

Commercial General Liability Insurance

(coverage including bodily injury, death, property damage, motor vehicle liability)

Per Occurrence: \$1,000,000

Aggregate: \$2,000,000

4.2. Builders Risk Insurance. In accordance with Article 6.3 of the General Conditions, coverage shall be provided by the Contractor for the full insurable value of the Work. Coverage for the perils of earthquakes will not be included within the scope of coverage under the Builders Risk Insurance Policy.

5. Contract Time for Final Completion of Bid Package. The District intends to construct the Work using a "General Contractor" approach. The Contractor awarded the Contract for the Bid Package must complete the Work of the Bid Package in coordination with the Contractor and its Subcontractors awarded the contract for other portions of the Work ("the General Construction Bid Package"); coordination of the Work of the Bid Package and the work of the General Construction Bid Package will be through the District. The Work of the Bid Package is described elsewhere in

the Contract Documents. The Commencement Date for the Work of the Bid Package shall be the date set forth in the Notice to Proceed issued by or on behalf of the District. The Contractor awarded the Bid Package must achieve Final Completion of the Work of the Bid Package on or before the Final Completion Date set forth herein. Failure of the Contractor awarded the Contract for the Bid Package to complete Substantial Completion within the time set forth herein will subject the Contractor to as set forth in Article 9 below.

6. Milestones.

- 6.1. **Completion of Interim Milestones.** The Contractor awarded the Bid Package must also complete the Interim Milestones indicated below, subject to modifications thereto issued in accordance with the Contract Documents. Failure of the Contractor awarded the Contract for the Bid Package to complete Interim Milestones within the time set forth below will subject the Contractor to Liquidated Damages set forth below.
- 6.2. **Proposed Milestone Completion Schedule.** In accordance with Article 7.3.3 of the General Conditions, within seven (7) days following issuance of the Notice to Proceed, the Contractor awarded the Bid Package shall prepare and submit to the District Preliminary Baseline Construction Schedules reflecting all of Contractor's proposed revisions and recommendations to the Bid Schedule while incorporating the requisite milestone completion dates set forth in these Special Conditions. Acceptance of Contractor proposed revisions and recommendations into the Baseline Construction Schedule will be done at the sole and exclusive discretion of the District. The Contractor shall notify the District, in writing, in the event that the Contractor has no proposed revisions or recommendations to the Bid Schedule. Contractor's failure to timely submit a Preliminary Baseline Construction Schedule shall be deemed as to have acquiesced and agreed to the Bid Schedule. Furthermore, Contractor's failure to timely submit a Preliminary Baseline Construction Schedule shall be deemed a waiver of Contractor's right to establish and submit a Proposed Milestone Completion Schedule. The District shall thereafter establish the milestone completion dates for that Bid Package and incorporate the Bid Schedule into the Baseline Construction Schedule.
- 6.3. **Completion of a Milestone.** Each milestone shall be deemed completed on the date the Project Inspector and/or District Representative executes the Contractor's Request for Inspection acknowledging that the Work has been satisfactorily completed in accordance the Contract Documents.
- 6.4. **Contractor Liability for Delays.** The Contractor is responsible for prosecuting the Work of its Bid Package in accordance with the then most current Baseline Construction Schedule or Updated Construction Schedule. In addition to Liquidated Damages liability, the Contractor for the Bid Package shall be liable for:
 - a. All costs, expenses or other charges (including direct, indirect, and/or administrative) incurred by Contractor in furnishing such materials, labor,

equipment or services necessary to recover and/or maintain progress of the Work in accordance with the then current Construction Schedule; and

- b. Costs, losses, expenses, damages, claims or other demands asserted by the Contractor or its Subcontractors for the General Building Bid Package ("Other Contractors") whose progress is delayed, interrupted, hindered or otherwise impacted by the Contractor's failure to complete the Work of the Bid Package in accordance with the then most current Construction Schedule.

The obligation of the Contractor and the Contractor's Performance Bond Surety to defend, indemnify and hold harmless the Indemnified Parties, as set forth in Article 6.8 of the General Conditions, shall be deemed to include requests for equitable adjustment, claims, demands, actions, causes of actions or proceedings initiated by Other Contractors based in whole or in part on the delays of the Contractor in completing the Work of the Bid Package, or portions thereof, in accordance with the then most current Construction Schedule.

- 6.5. Project Specific Milestones.** In addition to the Contractor's obligations to achieve Final Completion within the Contract Time, the Contractor shall commence/complete Milestones specific to this Project as described and set forth below. Failure of the Contractor to commence and complete Milestones pursuant to the following will subject the Contractor to Liquidated Damages liability to the District as set forth in these Special Conditions.

<u>Milestone Event</u>	<u>Milestone Date</u>
Owner Issues Notice of Intent to Award	3/29/2024
Owner Issues Notice of Award	4/9/2024
Owner Issues Notice to Proceed	4/30/2024
Start of Construction	5/23/2024
End of Construction/Substantial Completion (80 days)	8/11/2024

- 6.6. Building Accessibility & Permitted Hours of Work.** Upon Award of Contract, the District will provide the Contractor with classroom schedules to best identify room availability. District and Contractor shall work together to schedule work that will minimize impact on daily campus instruction and/or scheduled activities. Contractor shall be responsible for leading this coordination effort and providing the District with advance notice of potential impacts. Contractor reserves the right to request additional work days and/or related compensation if the areas of work are not available during the contracted duration of work. With the exception of the room schedule, Contractor may perform work for this Project during the following days and times:

All Buildings:

Monday	06:00 – 22:00
Tuesday	06:00 – 22:00
Wednesday	06:00 – 22:00

Thursday	06:00 – 22:00
Friday	06:00 – 22:00
Saturday	No Access
Sunday	No Access

Note: Times above are depicted in 24-hour time notation or “military time.”

7. Liquidated Damages. Prior to bidding and as part of the Bid Package, the District will establish a master CPM schedule (the “Bid Schedule”) for completion of the Work of General Contractor to meet the final completion date of the entire Project required by Owner. The Bid Schedule shall establish the following: (a) final completion date required by Owner for the Bid Package; and (b) milestone dates for the Contractor’s incremental activities within the Bid Schedule, including but not limited to Submittals, Tasks and Closeout Documents. Contractor shall be liable for and shall forfeit and pay to the District as Liquidated Damages, and not as penalty the sums as set forth in Article 9, for the Contractor’s failure to meet (1) the overall Bid Package completion date; and (2) the date for completing work on any Milestone of the Bid Package. The Liquidated Damages shall be assessed for the Contractor’s failure to meet the above; dates are cumulative and continue until all of Work of a Milestone is completed or Final Completion of the Work is established by District and/or Owner’s Architect(s)/Engineer(s).

8. District Withhold of Liquidated Damages; Performance Bond Surety. If the Contractor fails to complete Milestones or achieve Final Completion of the Bid Package within the time established herein, the Contractor shall be subject to assessment of Liquidated Damages. The District may withhold such assessments from the Contract Price then or thereafter due the Contractor. If the assessment of Liquidated Damages exceeds the then remaining balance of the Contract Price, the Contractor and the Surety issuing the Performance Bond shall be jointly and severally liable to the District for such amounts. Liquidated Damages are as follows:

Milestone Event / Liquidated Damages

Substantial Completion of the Work:

- Liquidated Damages: Two Hundred Fifty Dollars (\$250) per day after established Substantial Completion date.

9. Progress Payment Applications. At least fifteen days before the date established for each progress payment, the Contractor shall submit to the District a Draw Request (G703) on which both District and Contractor shall agree as to the appropriate payment for work completed in accordance with the Schedule of Values. Upon agreement of Draw Request (G703), Contractor shall submit to the District Application for Certification of Payment (G702). Such application shall include approval signature from the Project Inspector and shall be notarized, if required.

10. Mark-Ups on Changes to the Work. In the event of Changes to the Work, pursuant to Article 9 of the General Conditions, the mark-up for all overhead (including home and field office overhead), general conditions costs and profit, shall not exceed the percentage of allowable direct actual costs for performance of the Change as set forth below. For the portion of any Change performed by Subcontractors of any tier, the percentage mark-up on allowable actual direct labor and materials costs incurred by all Subcontractors of any tier shall be ten percent (10%). In addition, for the portion of any Change performed by a Subcontractor of any tier, the Contractor

may add an amount equal to five percent (5%) of the allowable actual direct labor and materials costs of Subcontractors performing the Change. For the portion of any Change performed by the Contractor's own forces, the mark-up on the allowable actual direct labor and materials costs of such portion of a Change shall be fifteen percent (15%). In addition to the foregoing provisions of this Paragraph, Contractor may add a bond premium fee (equal to the lesser of its actual bond premium percentage or one percent (1%) of the actual direct costs for performance of the Change); and a Liability & Builder's Risk insurance premium fee (equal to the lesser of its actual insurance premium percentage or one and one-fifth percent (1.2%) of the actual direct costs for performance of the Change).

11. Modifications to General Conditions Article 4.14. Contractor need not provide any temporary facilities for use by the Project Inspector; the District will provide temporary facilities for use by the Project Inspector.

12. Hours/Days of Work at Site. The District facilities in and about the Site will be occupied between 6:30 a.m. and 10:00 p.m. Mondays through Fridays and 6:30 a.m. and 6:00 p.m. on Saturdays. During construction, at the conclusion of each day of work, the Contractor will be allowed to section off enough working area, with Owner approved barricades, to allow access for the following day's work. No adjustment of the Contract Time or Contract Price will be permitted on account of the District's use or occupancy of the site and/or parking facilities. Construction activities shall be conducted between 6:30 a.m. and 4:30 p.m. Monday through Friday unless noted otherwise in the Contract Documents – see Project Manual (Special Conditions, Article 6. Milestones) for building accessibility details, specific permitted hours of work and Project Schedule requirements. During performance of the Work on the project, Contractor shall not interfere with the normal, regular, or existing business operations or activities of Owner at the site. No Work at the Site is permitted except during such days and hours.

13. Parking. Limited parking will be available within the perimeter of the Site without cost or charge to the Contractor, on a first-come, first-served basis. Contractors are encouraged to only bring vehicles identified with company markings inside the construction perimeter. Additional parking is available in District parking lots subject to the daily parking charges and compliance with District parking lot rules and regulations. Temporary parking permits may be obtained at the Facilities Office. District Police will ticket any vehicle without a valid parking permit located outside of the designed construction area. No adjustment of the Contract Time or the Contract Price shall be allowed on account of limited parking within the Site or for parking in the District's parking lots.

14. Discovery of Archeological Resources. If, during the Work, the Contractor encounters materials which are or may be an Archeological Resource (as that term is used and defined in California Public Resources Code §21083.2), the Contractor shall take action as set forth herein.

- 14.1. Contractor Responsibility.** Upon encountering such materials, the Contract shall:
- a. Immediately cease Work and any other activity which will or may result in disturbances of the area(s) where such materials are encountered;
 - b. Immediately notify the Engineer, Project Inspector and District in writing of the encountering of such materials; and

- c. Take appropriate measures, including any directed or authorized by the District to cordon-off the area(s) in which such materials are encountered to prevent access to, and further disturbance of such area(s), pending determination of whether such materials are Archeological Resources and direction from the District regarding resumption of Work in such area(s).

14.2. District Investigation. Upon receipt of such written notice from the Contractor, the District shall promptly investigate and determine whether the materials encountered constitute Archeological Resource(s), and if so, whether such materials are Unique or Non-Unique Archeological Resources. Upon completing such investigation, the District shall notify the Contractor in writing of the results of such investigation, along with direction for resumption of the Work or further suspension of the Work in such area(s), pending completion of archeological mitigation measures.

14.3. Contractor Continuation of Work. If it is determined that the materials are not Archeological Resources or are Non-Unique Archeological Resources (as that term is used and defined in California Public Resources Code §21083.2(h)), the District shall notify the Contractor in writing of such conclusion. Upon receipt of such notice from the District, the Contractor shall immediately resume the Work in the area(s) where potential Archeological Resources were encountered. If it is determined that the materials are Unique Archeological Resources (as that term is used and defined in California Public Resources Code §21083.2(g)), the District shall notify the Contractor in writing of such conclusion. In such event, the Contractor shall defer further Work in such area(s) pending the District's completion of archeological mitigation measures and direction or authorization from the District to resume Work in such area(s).

14.4. Adjustment of Contract Time for Encountering Actual or Potential Archeological Resources. If the Contractor encounters materials which are or may be Archeological Resources and the Work is suspended pending the District's investigation of such materials to ascertain whether or not such materials constitute Archeological Resources and the suspension of Work in such area(s) directly delays performance of activities on the Critical Path of the then current Master Project Schedule, such suspension of the Work shall be deemed an Excusable Delay (as that term is used and defined in Article 7.4.1 of the General Conditions). The Contractor shall be entitled to an adjustment of the Contract Time to the extent that the Contractor's Critical Path activities are delayed by such suspension. The Contract Price due the Contractor shall not be subject to increase or other adjustment on account of suspension of Work as a result of encountering materials which are or may be Archeological Resources.

14.5. Adjustment of Contract Time for Encountering Archeological Resources. If the Contractor encounters materials which are determined to be Unique Archeological Resources and the Work is suspended pending the District's archeological mitigation activities and the suspension of Work in such area(s) directly delays performance of activities on the Critical Path of the then current Master Project Schedule, such suspension of the Work shall be deemed an Excusable Delay (as that term is used and defined in Article 7.4.1 of the General Conditions). The Contractor shall be entitled

to an adjustment of the Contract Time to the extent that the Contractor's Critical Path activities are delayed by such suspension. The Contract Price due the Contractor shall not be subject to increase or other adjustment on account of suspension of Work as a result of encountering materials which are determined to be Unique Archeological Resources.

14.6. Adjustment of Contract Price. The extent to which, if any, the Contract Price due the Contractor is subject to adjustment as a result of encountering actual or potential Archeological Resources shall be limited as set forth herein. Adjustment of the Contract Price shall be limited to activities necessary to secure the area(s) in which actual or potential Archeological Resources are encountered from further access or disturbances. The extent of adjustment of the Contract Price shall be limited to the allowable costs and mark-ups thereon for Changes to the Work, as set forth in the Contract Documents.

14.7. Contractor Continuation of Work in Other Areas. The foregoing provisions shall not excuse nor limit, waive or modify the Contractor's obligation to diligently proceed with performance of Work in all areas of the Site unaffected by the encountering of materials which may be Archeological Resources.

15. Permits, Fees and Approvals. Permits, fees and approvals necessary to complete the Work will be obtained and paid for by the District.

16. Standardized Forms. Each and every document generated and/or submitted by the Contractor relating to cost breakdowns, applications for payment, change order requests, requests for information, submittals, verified reports, progress reports, and all other matters relating to the administration of the Work as set forth in the General Conditions, shall be prepared by the Contractor on such forms as may be directed by the COS District. Unless otherwise expressly provided for in the Contract Documents, all such documents shall be submitted to the District with such frequency as the District may require in its sole reasonable discretion.

17. Injury and Illness Prevention Plan. Contractor shall comply with, and require its subcontractors to comply with, the Cal/OSHA Injury and Illness Prevention Plan set forth in Title 8 of the California Code of Regulations Sections 3203 and 1509, including, without limitation, conducting "toolbox" or "tailgate" safety meetings, or equivalent, with their crew at least every 10 working days to emphasize safety.

18. Safety Programs.

Article 4.9.1 of the General Conditions is modified by addition of the following:

4.9.1.1 General Safety Provisions. Contractor will develop and implement a construction safety program in accordance with District's site rules and security requirements and the Williams-Steiger Occupational Safety and Health Act of 1970 and California Code 1 Regulations, Title 8 (Cal/OSHA) as may be amended and including all regulations adapted pursuant thereto in effect at the time of delivery or performance of service. In case of conflict between the documents the Williams-Steiger Act and Cal/OSHA shall be controlling.

The Contractor will be solely responsible for all safety aspects of the work under the Contract. The Contractor will be responsible for ensuring that all its Subcontractors, of any tier are familiar with, fully trained in, and comply with all safety provisions.

The Contractor will at all times maintain a constant vigil for accidents and will prepare and submit to District's representative a written report for any accident, illness, or injury requiring outside medical attention. This report shall contain all data pertinent to the accident (time, place, description of accident, personnel involved, type of injuries, etc.) and shall be submitted within 5 working days. In lieu of a formal report the Contractor may substitute the required Cal OSHA form. Contractor will also notify College of the Sequoias District Police using (559) 730-3999 immediately after an accident, illness or injury has occurred.

At the conclusion of the project, Contractor will submit to District a statement confirming the status of any accident and a release of liability holding District and the Owner harmless against any future claims.

4.9.1.2 Contractor's General Safety Provisions, Site Rules & Security Requirements. Unless notified otherwise, the following rules shall be considered the minimum required and shall be adhered to by General Contractor, their employees and visitors. Anyone violating these rules may be denied further access to the Site.

4.9.1.2.1 Safety Materials and Inspection. Jobsite "tailgate" meetings will be held weekly for Contractor's employees, temporary and permanent. Tailgate safety meetings are held for construction crews' benefit. Employees shall be required to attend the meetings and encouraged to participate and offer suggestions for improving safe work conditions and or practices. The Contractor foreman will make a daily safety inspection of the job-site, documenting activities on the Daily Jobsite Inspection Report provided. Any unsafe work conditions or unsafe acts by Contractor employees or subcontractor will be noted and immediate corrective action taken.

4.9.1.2.2 Protective Clothing & Safety Equipment. The Contractor and/or its personnel must wear appropriate safety clothing and use appropriate safety equipment. The instruction for proper use and maintenance of personal safety equipment and protective clothing is also the responsibility of the Contractor. This includes, but is not limited to, safety glasses, welding goggles, safety shoes, respiratory protection gear (in special cases), ear protection and hard hats, as described below.

Personnel shall wear approved hard hats at all times in construction areas.

Personnel shall wear proper footwear and/or safety-toed shoes or boots with substantial soles. Additional foot protection, such as rubber boots or steel-toed protectors may be required where there is exposure to special hazards.

Wear safety glasses, goggles or face shields whenever there is an exposure to injury from flying particles or splash. Eye protection is particularly required when grinding, cutting, chipping, welding or using air tools for such things as breaking concrete.

Use proper respiratory equipment whenever there is exposure to harmful dusts, fumes, vapors or gases.

Whenever personnel is working on foot and exposed to mobile equipment or motor vehicle traffic, personnel must wear orange flagger's vests or other equivalent high visibility orange apparel. If vests are used after dark, they must be of the reflective type.

Personnel shall wear protective gloves and boots whenever working with cement products, acids or chemicals.

Personnel must wear hearing protection such as plugs or muffs as directed or whenever exposure to noise exceeds 85 decibels. In general, if you need to shout in order to converse with a person close by, you should ask your Supervisor if ear protection is required.

4.9.1.2.3 Personnel Behavior. Smoking is prohibited on Sequoias Community College District property.

Control noise so as not to disturb or disrupt Owner, District or other Contractor Personnel. No radios or portable headsets will be permitted without prior approval.

The use or possession of intoxicating beverages or drugs on the jobsite or immediately prior to entering the job site is prohibited.

Do your part to help keep work areas clean and free of debris and other tripping hazards.

Firearms are not permitted on the job site, inside vehicles or equipment.

With safety issues in mind, keep a lookout for other persons and employees that come into the vicinity of your work area.

Only those Contractor vehicles actually required for delivery of equipment and materials or for the performance of necessary operations by the Contractor will be admitted to the site. The speed limit of five (5) mph will be observed. No personal vehicles are allowed.

All Contractor safety signs, notices and tags must be obeyed. The Contractor must display appropriate safety signs, notices and barriers when work is in progress that could be hazardous.

4.9.1.2.4 Anti-Harassment Policy. Harassment, creation of a hostile work environment or intimidation for the purpose of interfering with work will not be permitted. Anti-harassment policies and supervisory training will be conducted regularly to eliminate vulgar comments, demeaning comments, offensive graffiti or creation of sexually hostile work behavior.

4.9.1.2.5 Hand and Portable Electric Tools: Contractor and/or its personnel shall do the following:

- a. Always use the right tool for the job.
- b. Do not use defective tools or equipment.
- c. Report tools or equipment to your Supervisor that are broke or do not work properly so that they can be replaced with safe ones.
- d. Keep guards and safety devices in place and functioning properly.
- e. Inspect electric cords, plugs and receptacles before use and have them repaired or replaced if worn or damaged.
- f. Electric cords should not be spliced and taped. If portable electric service is provided to the job-site, each fifteen (15) and twenty (20) amps receptacle must have grounding contacts through a ground fault interrupter circuit, or an assured equipment ground conductor maintenance program in progress.
- g. Be certain that all electric hand tools and exposed non-current carrying parts of motors, generators (including portable units), and control equipment are properly grounded.
- h. Do not use the power cord to lift or lower portable electric tools since this practice can break internal wiring and cause electric shorts. All electrical equipment used is to be a type appropriate to the hazard classification of the area where work is to be performed and complying with all applicable governmental standards and Contractor's maintenance procedures.

4.9.1.2.6 Ladders. All ladders, scaffolding and etc. must be OSHA and Cal/OSHA approved.

All trades performing work shall have and implement a fall protection plan suitable for the site, activities, height and other conditions. Guardrails are required to guard the open sides of all work surfaces that are seven and a half (7 ½) feet or higher. A personal fall restraint system, which consists of anchorages, connectors, body belt and harness, and may include lanyards, lifelines, and rope grabs, shall be used to prevent an employee from falling.

Ladders should be inspected before use. Well built, undamaged ladders of the proper size should be used and should be long enough that side rails extend three feet above the landing. Metal ladders should not be used when working on electrical equipment since the ladders conduct electricity.

Contractor and/or its personnel should always do the following when using ladders:

- a. All ladders should have safety feet in good condition.
- b. When setting the ladder, the base should be approximately one-fourth the length to its top support.
- c. Secure ladders from falling by setting feet properly and tying them off at the top to prevent them from sliding over.
- d. Face the ladder when going up or down and keep hands free of tools or materials.
- e. Always bring materials up ladder using a hand line.

4.9.1.2.7 Scaffolds, Platforms and Safety Belts. Contractor and/or its personnel shall do the following:

- a. Before using scaffolds or other work platforms, check them for security, proper planking and guardrails. They must conform to design standards or be designed by a licensed engineer.
- b. Wood pole scaffolds must be tied every twenty (20) feet horizontally and vertically for light trades, and fifteen (15) feet for heavy trades. Metal scaffolds must be tied every twenty-six (26) feet vertically and thirty (30) feet horizontally. A permit from Cal-OSHA is required for a scaffold over thirty-six (36) feet high.
- c. Scaffold platforms must have guardrails on the open sides if over seven and a half (7-1/2) feet high. One set of "X" braces is sufficient if they intersect twenty (20) to thirty-six (36) inches above the platform. Toe boards are required where workers pass below. Access to scaffolds must be safe and unobstructed.
- d. Do not use single plank for ramp access to work areas. A ramp must be at least twenty (20) inches wide and have handrails if it is seven and a half (7-1/2) feet or more in height. Keep ramps and platforms clear of debris and unnecessary tools and material. When rolling scaffolds are used, height-to-base ratio must not exceed a 3:1 ratio, all wheels must be locked when in use, and work platform must be fully guarded. Rolling scaffolds should not be moved with someone on them.
- e. Approved safety belts with lifelines or lanyards must be worn when you are exposed to falls from heights that would otherwise require guardrails or other fall protection. When working on roofs, every effort should be made to protect from falls by safety belts/lifelines, or by safety nets if working above twenty-five (25) feet in height. If there is danger of falls on roof edges, guard lines can be installed forty-two (42) inches high and approximately five (5) feet from the edge to warn roofers before they get too close.

4.9.1.2.8 Fire and Flammable Materials. With respect to fire and flammable materials, Contractor and/or its personnel shall also do the following:

- a. All flammable liquids are to be stored only in approved closed metal containers, labeled FLAMMABLE.
- b. Keep combustible waste materials picked up and discarded regularly.
- c. Know the location and proper use of fire extinguishers and use only for firefighting.

- d. Use proper precautions when transferring fuel or refueling equipment. Stop motors, provide for grounding and bonding and do not smoke or allow open flames or other source of ignition in the area. Close containers tightly and eliminate any spillage. Remember that the vapors from flammable liquids can carry away from the liquid itself and are easily ignited.
- e. Oxygen and acetylene cylinders are to be secured upright and stored separately (at least twenty (20) feet apart or separated by a fire resistant wall at least six (6) feet high, and not near other combustible materials, particularly oil and grease). Protective caps should be kept in place when they are not in use.
- f. Never weld, burn or cut any containers that have held flammable liquids unless they are filled with water or are completely cleaned, ventilated and tested.
- g. Never use gasoline for cleaning purposes. Use only approved cleaning solvents, in well ventilated areas.
- h. All compressed gas cylinders must be stored in an upright position and secured against falling.

4.9.1.2.9 Hazardous Substances. Contractor and/or its personnel may be exposed to many different materials that have been determined to be hazardous substances if they are not handled in a safe manner. Contractor and/or its personnel shall know what information on hazardous substances is available and how to use it. Material Safety Data Sheet (MSDS) for each of the hazardous substance used shall be maintained on the job site by Contractor foreman. These are the rules when using hazardous substances:

- a. Never use any chemical or substance without reading the label or the MSDS.
- b. If you have questions or have not been instructed on the safe use of hazardous substances; seek clarification.

4.9.1.2.10 Contractor Machinery & Equipment. The Contractor shall not use District's equipment or tools. The Contractor must supply all such items necessary to complete the work of its trade. Contractor and/or its personnel shall do the following:

- a. Only operate, service or repair machinery or equipment that it is qualified to operate or service.
- b. Before operating any power-driven equipment or vehicles, make a careful Safety inspection. Any defects must be repaired before the equipment is operated.
- c. Before starting machinery or putting equipment in motion, make certain there will be no danger to other persons or property.
- d. The use of seat belts is required when operating motor vehicles or mobile earth moving equipment.
- e. Never service or repair machinery or equipment while it is in motion. Always lock-out machinery or equipment being serviced to prevent possible injury.

- f. When mounting or dismounting equipment, always use the stairs or ladder. Never try to jump off.
- g. Never ride any machinery, equipment, loads, or hooks unless in the seat provided by manufacturer or approved safety facilities or devices are used.
- h. Equipment must never be operated within fifteen (15) feet of energized high voltage electrical lines. Fifty-thousand (50,000) volts and higher voltage requires greater distances in accordance with State and Federal Safety Regulations.
- i. Always stay outside the area within the swing radius of rotating machines such as cranes, shovels, or a backhoe.
- j. All equipment must be safely parked and secured before it is left unattended, even for short periods of time. Particularly lower all forklift beams, blades, booms, buckets, etc. to the ground and secure from possible movement.
- k. When mobile equipment is required to approach the edge of an excavation, and the operator does not have a clear and direct view of the edge of the excavation, a warning system shall be utilized such as barricades, hand or mechanical signals, or stop logs. If possible, the grade should be away from the excavation.

4.9.1.2.11 Cranes. Hazards associated with crane operation including electrocution from overhead power lines, equipment failures because of operator error, faulty or damages equipment, overloading or lack of support are to be avoided at all times. Workers must be thoroughly familiar with hand signals used for communication with the crane operator. Slings and attachment must not be kinked, shortened by knots, bolts or other means, and must be inspected on a daily basis for defects.

Aerial devices, such as cherry pickers, lifts, and boom trucks used to position personnel, must observe continuous safety precautions. Only authorized persons may operate aerial devices. Aerial devices must not rest on any structure, only solid ground. Controls must be tested before use. Workers must stand only on the floor of the basket. No planks, ladders, or other means are allowed to gain greater height. A fall protection system must be worn and attached to the boom or basket. Brakes must be set when employees are elevated. An aerial lift truck must not be moved when an employee is on the elevated boom platform.

Contractor and/or its personnel shall do the following:

- a. The crane operator must be in good condition physically, mentally, and emotionally in order to maintain complete control of the crane at all times.
- b. Before starting the crane do a pre operational inspection. This inspection is to be documented in writing on the daily inspection and maintenance log, and initialed by the inspector.
- c. Be mindful of specific jobsite restrictions, such as the location of overhead electric power lines, unstable soil, and high wind conditions.

- d. To prevent employees from being struck or crushed by the crane, barricade accessible areas within the swing radius of the rear of the rotating superstructure.
- e. Never work under a suspended load. When a load is being picked up or set down, it may shift, swing, or pivot, or a loose piece may even fall off; make sure that you keep far enough back to accommodate the dangers. Operators may remain in the cabs of vehicles being loaded or unloaded when the vehicles are equipped to provide adequate protection for the operator during loading and unloading operations.
- f. Crane operators must avoid swinging loads over persons and should keep people away from loads when possible.
- g. Crane attachments cannot exceed the capacity, rating, or scope recommended by the manufacturer. Operators must be knowledgeable of and operate within crane capacities and limitations. If the operator does not have a clear, unobstructed view of the entire lift, from beginning to end, a signal person must be assigned.

4.9.1.2.13 Hazardous Atmospheres. Never enter any confined space such as a trench, excavation, manhole, underground vault, tank, pipes, etc. without first determining if there is adequate ventilation and that there are no flammable or toxic gases. Then enter only with permission of your Supervisor and with proper safety devices such as a lifeline and another person standing by for help as necessary.

Testing and Controls: In addition to the requirements set forth in the construction Safety Orders and the General Industry Safety Orders to prevent exposure to harmful levels of atmospheric contaminants and to assure acceptable atmospheric contaminants and to assure acceptable atmospheric conditions, the following requirements shall apply:

- a. Where oxygen deficiency (atmospheres containing less than nineteen and a half percent (19.5%) oxygen) or a hazardous atmosphere exists or could reasonably be expected to exist, such as in excavations in landfill areas or excavations in areas where hazardous substances are stored nearby, the atmospheres in the excavation shall be tested before employees enter excavations greater than four (4) feet in depth.
- b. Adequate precautions shall be taken to prevent employee exposure to atmospheres containing less than nineteen and a half percent (19.5%) oxygen and other hazardous atmospheres. These precautions include proper respiratory protection or ventilation.
- c. Adequate precaution shall be taken such as providing ventilation, to prevent employee exposure to an atmosphere containing a concentration of a flammable gas in excess of twenty percent (20%) of the lower flammable limit of gas.
- d. When controls are used that are intended to reduce the level of atmospheric contaminants to acceptable level, testing shall be conducted as often as necessary to ensure that the atmosphere remains safe.

- e. **Emergency Rescue Equipment:** Emergency rescue equipment, such as breathing apparatus, a safety harness and line, or a basket stretcher, shall be readily available where hazardous atmospheric conditions exist or may reasonably be expected to develop during work in an excavation. This equipment shall be attended when in use.
- f. Employees entering bell-bottom pier holes, or other similar deep and confined footing excavations, shall wear a harness with a lifeline securely attached to it. The lifeline shall be separate from any line used to handle materials, and shall be individually attended at all times while the employee wearing the lifeline is in the excavation.

4.9.1.2.14 Hazards Associated with Water Accumulation. Contractor and/or its personnel shall do as follows:

- a. Not work in excavations in which there is accumulated water, or in excavations in which water is accumulating, unless adequate precautions have been taken to protect employees against the hazards posed by water accumulation. The precautions necessary to protect personnel adequately vary with each situation, but could include special support or shield systems to protect from cave-ins, water removal to control the level of accumulating water, or use of a safety harness and lifeline.
- b. If water is controlled or prevented from accumulating by the use of water removal equipment, the water removal equipment and operations shall be monitored by a competent person to ensure proper operations.
- c. If excavation work interrupts the natural drainage of surface water (such as streams), diversion ditches, dikes, or other suitable means shall be used to prevent surface water from entering the excavation and to provide adequate drainage of the area adjacent to the excavation. Excavations subject to runoff from heavy rains will require an inspection by a competent person and compliance with provisions previously stated in Excavation, Trenches, and Earthwork.

4.9.1.2.15 Stability of Adjacent Structures. Contractor and/or its personnel shall do as follows:

- a. Where the stability of adjoining building, walls, or other structures is endangered by excavation operations, support systems such as shoring, bracing, or underpinning shall be provided to ensure the stability of such structures for the protection of personnel.
- b. Excavation below the level of the base or footing of any foundation or retaining wall that could be reasonably expected to pose a hazard to personnel shall not be permitted except when:
 - i. A support system, such as underpinning, is provided to ensure the safety of employees and the stability of the structure; or
 - ii. The excavation is in stable rock; or
 - iii. A registered professional engineer has approved the determination that such excavation work will not pose a hazard to employees.

- c. Sidewalks, pavements and appurtenant structure shall not be undermined unless a support system or another method of protection is provided to protect employees from the possible collapse of such structures.

4.9.1.2.16 Hazardous Conditions. Maintain access to fire hydrants and fire alarm boxes at the work site. Hydrants, alarm boxes and standpipe connections shall be kept clear of obstructions and kept visible at all times. If visibility cannot be maintained, the Contractor shall provide clearly visible signs showing the location of the fire hydrant, fire alarm box, or standpipe connection.

Existing sprinkler systems are not to be shut down, restored, disconnected, or modified without authorization by Contractor. Sprinkler pipes are not to be used as supports or as grounds for welding equipment.

No open flames, welding, cutting, open electrical equipment, or other spark-producing equipment will be operated within the site or buildings without proper precautions. The Contractor shall bear total responsibility for ensuring that proper precautions are taken.

Control at all times any fumes and/or vapors emitted by material used so as not to create a health hazard, interfere with, or be noticeable by Owner, Contractor or the personnel of other Contractors.

Contractor shall control dust in such a manner so as to not cause an impact or interfere with other work, systems, or operations.

Contractor will be responsible for insuring that all open holes, open ledges, etc. are protected from accidental entry by providing physical barriers in accordance with OSHA and Cal/OSHA standards.

19. Safety.

Article 4.9 of the General Conditions is modified by addition of the following:

4.9.8 Protection and Safeguarding the Work. Contractor shall provide such lights, barricades, guardrails, posted signs, and other protective measures as may be required for the safe operation of the work or as directed by governing authorities.

20. Safety.

Article 4.9 of the General Conditions is modified by addition of the following:

4.9.9.1 Work Area. Contractor personnel are permitted only in the specific areas where their work is being done; travel through other parts of the building and site is prohibited except as necessary to reach the work site. Use of District's office, office equipment and toilet is prohibited. The project site will have limited space available for storage of materials. The Contractor and District's representative will prearrange

all construction areas, storage areas, etc. prior to start of work. The District shall allocate space at the Site for storage and staging by the Contractor. The District's decision regarding allocation of Site space for storage/staging are final and shall not result in any adjustments of the Contract Time or the Contract Price for any Contractor.

4.9.9.2 Fork Lift, Hand Jacks and Construction Equipment. Under no circumstances should anyone other than a properly trained and certified person operate a forklift. Drivers must be sure that there is clear visibility in all directions before driving. The riding on equipment except in the seat provided by the manufacturer is strictly prohibited.

4.9.9.3 District Machinery & Equipment. The Contractor shall not use District machinery, equipment or tools. The Contractor must supply all such items necessary to complete the job.

4.9.9.4 Flammable Material. No flammables shall be stored or left unattended in any of the buildings or structures.

4.9.9.5 Electrical Equipment. All electrical equipment used is to be a type appropriate to the hazard classification of the area where work is to be performed and compiling with all applicable governmental standards and District's maintenance procedures.

21. Use of Site.

Article 4.11 of the General Conditions is modified by addition of the following:

4.11.1 Storage of Materials. District will assign to Contractor allowable areas at the Site for the storage of materials and equipment. Contractor shall keep his materials and equipment strictly within the limits and areas assigned by District. Items stored pursuant to the foregoing shall cause no obstruction and shall be stored off sidewalks, roadways and underground services and utilities. Contractor shall be responsible for protecting his materials and equipment inside secured and locked storage containers.

22. Clean-Up.

Article 4.12 of the General Conditions is modified by addition of the following:

4.12.1 Removal of Surplus Materials and Waste. At the end of each work day, Contractor shall remove all surplus equipment, materials, construction debris, waste and rubbish of every sort, and leave the Site in a clean, neat, orderly and safe condition. Hazardous materials shall be disposed of in a legal manner; when applicable, District shall be provided with supporting documentation.

23. Record Drawings.

Article 1.19 of the General Conditions is modified by addition of the following:

1.19.1 Project Closeout. Record Drawings shall be reviewed and approved by the Project Inspector and/or District representative prior to consideration for Final Acceptance of the

Work by the District. Contractor shall provide the District with one (1) full-size color copy of the Record Drawings and a scanned digital file (PDF saved on CD or memory stick or FTP/download link via email). This requirement must be fulfilled by the Contractor before Notice of Completion can be filed for the Project.

24. Addition or Deletion of Alternate Bid Item(s).

Article 9.4.3 of the General Conditions is modified by addition of the following:

9.4.3.1 Definition of Alternate Bid Item. Alternate Bid Item: An Amount proposed by Bidders and stated on the Bid Proposal form for certain work defined in the Bidding Requirements, Specifications and/or Drawings that may be added or deducted from the Base Bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents. The cost or credit for each Bid Alternate Item is the net addition to or deduction from the Contract Sum to incorporate Alternate Bid Item(s) into the Work. No other adjustments are made to the Contract Sum.

9.4.3.2 Bidding Requirements for Alternate Bid Item(s). Provide all material, labor, equipment and services necessary to completely install or remove all materials, accessories and other related items necessary to add or delete from the Project as indicated by the Bid Alternate Items in the Contract Documents. When Deductive Alternates are incorporated into the Contract, any services, such as utilities, that are meant to pass through the Deductive Alternate areas that serve other areas of the Base Bid Work shall be maintained as part of the Base Bid whether indicated or not.

9.4.3.3 Quality Assurance. Contractor shall execute accepted Bid Alternate Item(s) under the same conditions as other Work of the Contract.

25. Daily Progress Reports.

Article 4.20 of the General Conditions is modified by addition of the following:

4.20.1 Weekly Progress Reports. Upon prior approval by District, Contractor may substitute the daily progress report requirement by providing District with a weekly progress report identifying the work completed in the prior week and a projection of work to be completed in the current week. The report may be submitted via email to the Project Manager or designated District representative not later than 12:00 p.m. of each Monday during the duration of the Project.

[End of Section]

SECTION 087100 - DOOR HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes commercial door hardware for the following:
 - 1. Swinging doors.
 - 2. Sliding doors.
 - 3. Other doors to the extent indicated.
- B. Door hardware includes, but is not necessarily limited to, the following:
 - 1. Mechanical door hardware.
 - 2. Electromechanical door hardware.
 - 3. Cylinders specified for doors in other sections.
- C. Related Sections:
 - 1. Division 08 Section "Flush Wood Doors".
 - 2. Division 08 Section "Aluminum-Framed Entrances and Storefronts".
 - 3. Division 28 Section "Access Control Hardware Devices".
- D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.
 - 1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
 - 2. ICC/IBC - International Building Code.
 - 3. NFPA 70 - National Electrical Code.
 - 4. NFPA 80 - Fire Doors and Windows.
 - 5. NFPA 101 - Life Safety Code.
 - 6. NFPA 105 - Installation of Smoke Door Assemblies.
 - 7. State Building Codes, Local Amendments.
- E. Standards: All hardware specified herein shall comply with the following industry standards as applicable. Any undated reference to a standard shall be interpreted as referring to the latest edition of that standard:
 - 1. ANSI/BHMA Certified Product Standards - A156 Series.
 - 2. UL10C - Positive Pressure Fire Tests of Door Assemblies.

3. ANSI/UL 294 - Access Control System Units.
4. UL 305 - Panic Hardware.
5. ANSI/UL 437- Key Locks.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.
- B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing, fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
 2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.
 3. Content: Include the following information:
 - a. Type, style, function, size, label, hand, and finish of each door hardware item.
 - b. Manufacturer of each item.
 - c. Fastenings and other pertinent information.
 - d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
 - e. Explanation of abbreviations, symbols, and codes contained in schedule.
 - f. Mounting locations for door hardware.
 - g. Door and frame sizes and materials.
 - h. Warranty information for each product.
 4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.
- C. Shop Drawings: Details of electrified access control hardware indicating the following:
 1. Wiring Diagrams: Upon receipt of approved schedules, submit detailed system wiring diagrams for power, signaling, monitoring, communication, and control of the access control system electrified hardware. Differentiate between manufacturer-installed and field-installed wiring. Include the following:

- a. Elevation diagram of each unique access controlled opening showing location and interconnection of major system components with respect to their placement in the respective door openings.
 - b. Complete (risers, point-to-point) access control system block wiring diagrams.
 - c. Wiring instructions for each electronic component scheduled herein.
- 2. Electrical Coordination: Coordinate with related sections the voltages and wiring details required at electrically controlled and operated hardware openings.
- D. Keying Schedule: After a keying meeting with the owner has taken place prepare a separate keying schedule detailing final instructions. Submit the keying schedule in electronic format. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner must approve submitted keying schedule prior to the ordering of permanent cylinders/cores.
- E. Informational Submittals:
 - 1. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.
- F. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Procedures.

1.4 QUALITY ASSURANCE

- A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum 5 years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.
- B. Certified Products: Where specified, products must maintain a current listing in the Builders Hardware Manufacturers Association (BHMA) Certified Products Directory (CPD).
- C. Installer Qualifications: A minimum 3 years documented experience installing both standard and electrified door hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- D. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum 5 years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.

- E. Source Limitations: Obtain each type and variety of door hardware specified in this section from a single source unless otherwise indicated.
1. Electrified modifications or enhancements made to a source manufacturer's product line by a secondary or third party source will not be accepted.
 2. Provide electromechanical door hardware from the same manufacturer as mechanical door hardware, unless otherwise indicated.
- F. California Building Code: Provide hardware that complies with CBC Section 11B.
1. All openings as a part of an accessible route shall comply with CBC Section 11B-404.
 2. The clear opening width for a door shall be 32" minimum. For a swinging door it shall be measured between the face of the door and the stop, with the door open 90 degrees. There shall be no projections into it below 34" and 4" maximum projections into it between 34" and 80" above the finish floor or ground. Door closers and stops shall be permitted to be 78" minimum above the finish floor or ground. CBC Section 11B-404.2.3.
 3. Operable hardware on accessible doors shall comply with CBC Section 11B-309.4 and shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. Operable parts of such hardware shall be 34" minimum and 44" maximum above finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.
 4. Hardware (including panic hardware) shall not be provided with "nightlatch" function for any accessible doors or gates unless the following conditions are met:
 - a. Such hardware has a 'dogging' feature and is dogged during the time the facility is open.
 - b. All 'dogging' operation is performed only by employees as their job function (non-public use).
 5. The force for pushing or pulling open a door shall be in accordance with CBC Section 11B-404.2.9.
 - a. Interior hinged doors, sliding or folding doors, and exterior hinged doors: 5 pounds (22.2 N) maximum. Required fire doors: the minimum opening force allowable by the DSA authority, not to exceed 15 pounds (66.7N). These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door in a closed position.
 - b. The force required for activating any operable parts, such as lever hardware, or disengaging other devices shall be 5 pounds (22.2N) maximum to comply with CBC Section 11B-309.4.
 - c. The 5 pound (22.2 N) maximum force shall be validated for the size of the door used. The Building Materials Listing of the California State Fire Marshal shall indicate that the door hardware meets the 5 pound (22.2 N) force and shall also list the largest door that can be used.
 6. Door closing speed shall comply with CBC Section 11B-404.2.8. Closers shall be adjusted so that the required time to move a door from an open position of 90 degrees to a position of 12 degrees from the latch is 5 seconds minimum. Spring hinges shall be adjusted so that the required time to move a door from an open position of 70 degrees to the closed position is 1.5 seconds minimum.

7. Floor stops shall not be located in the path of travel and 4" maximum from walls.
 8. Thresholds shall comply with CBC Section 11B-404.2.5.
- G. Each unit to bear third party permanent label indicating compliance with the referenced testing standards.
- H. Keying Conference: Conduct conference to comply with requirements in Division 01 Section "Project Meetings." Keying conference to incorporate the following criteria into the final keying schedule document:
1. Function of building, purpose of each area and degree of security required.
 2. Plans for existing and future key system expansion.
 3. Requirements for key control storage and software.
 4. Installation of permanent keys, cylinder cores and software.
 5. Address and requirements for delivery of keys.
- I. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.
1. Prior to installation of door hardware, conduct a project specific training meeting to instruct the installing contractors' personnel on the proper installation and adjustment of their respective products. Product training to be attended by installers of door hardware (including electromechanical hardware) for aluminum, hollow metal and wood doors. Training will include the use of installation manuals, hardware schedules, templates and physical product samples as required.
 2. Inspect and discuss electrical roughing-in, power supply connections, and other preparatory work performed by other trades.
 3. Review sequence of operation narratives for each unique access controlled opening.
 4. Review and finalize construction schedule and verify availability of materials.
 5. Review the required inspecting, testing, commissioning, and demonstration procedures
- J. At completion of installation, provide written documentation that components were applied according to manufacturer's instructions and recommendations and according to approved schedule.
- 1.5 DELIVERY, STORAGE AND HANDLING
- A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.
- B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.
- C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.6 COORDINATION

- A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.
- B. Door Hardware and Electrical Connections: Coordinate the layout and installation of scheduled electrified door hardware and related access control equipment with required connections to source power junction boxes, low voltage power supplies, detection and monitoring hardware, and fire and detection alarm systems.
- C. Door and Frame Preparation: Doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

1.7 WARRANTY

- A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.
- B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of standard and electrified door hardware that fails in materials or workmanship within specified warranty period after final acceptance by the Owner. Failures include, but are not limited to, the following:
 - 1. Structural failures including excessive deflection, cracking, or breakage.
 - 2. Faulty operation of the hardware.
 - 3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - 4. Electrical component defects and failures within the systems operation.
- C. Warranty Period: Unless otherwise indicated, warranty shall be one year from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

- A. General: Provide door hardware for each door to comply with requirements in Door Hardware Sets and each referenced section that products are to be supplied under.
- B. Designations: Requirements for quantity, item, size, finish or color, grade, function, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Sets at the end of Part 3. Products are identified by using door hardware designations, as follows:

1. Named Manufacturer's Products: Product designation and manufacturer are listed for each door hardware type required for the purpose of establishing requirements. Manufacturers' names are abbreviated in the Door Hardware Schedule.
- C. Substitutions: Requests for substitution and product approval for inclusive mechanical and electromechanical door hardware in compliance with the specifications must be submitted in writing and in accordance with the procedures and time frames outlined in Division 01, Substitution Procedures. Approval of requests is at the discretion of the architect, owner, and their designated consultants.

2.2 BUTT HINGES

- A. Hinges: ANSI/BHMA A156.1 butt hinges with number of hinge knuckles and other options as specified in the Door Hardware Sets.
 1. Quantity: Provide the following hinge quantity:
 - a. Two Hinges: For doors with heights up to 60 inches.
 - b. Three Hinges: For doors with heights 61 to 90 inches.
 - c. Four Hinges: For doors with heights 91 to 120 inches.
 - d. For doors with heights more than 120 inches, provide 4 hinges, plus 1 hinge for every 30 inches of door height greater than 120 inches.
 2. Hinge Size: Provide the following, unless otherwise indicated, with hinge widths sized for door thickness and clearances required:
 - a. Widths up to 3'0": 4-1/2" standard or heavy weight as specified.
 - b. Sizes from 3'1" to 4'0": 5" standard or heavy weight as specified.
 3. Hinge Weight and Base Material: Unless otherwise indicated, provide the following:
 - a. Exterior Doors: Heavy weight, non-ferrous, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate standard weight.
 - b. Interior Doors: Standard weight, steel, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate heavy weight.
 4. Hinge Options: Comply with the following:
 - a. Non-removable Pins: With the exception of electric through wire hinges, provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for the all out-swinging lockable doors.
 5. Manufacturers:
 - a. McKinney (MK) - TA/T4A Series, 5-knuckle.

2.3 POWER TRANSFER DEVICES

- A. Concealed Quick Connect Electric Power Transfers: Provide concealed wiring pathway housing mortised into the door and frame for low voltage electrified door hardware. Furnish with Molex™ standardized plug connectors and sufficient number of concealed wires (up to 12) to accommodate the electrified functions specified in the Door Hardware Sets. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Wire nut connections are not acceptable.
 - 1. Manufacturers:
 - a. Pemko (PE) - EL-CEPT Series.
 - b. Securitron (SU) - EL-CEPT Series.
- B. Electrified Quick Connect Data Transfer Hinges: Provide combined electrified power and Ethernet data transfer hinges with Molex™ standardized plug connectors to accommodate electrified functions with a 1-year warranty as specified in the Door Hardware Sets. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Wire nut connections are not acceptable.
 - 1. Data transfer hinges feature two 6-position and two 4-position Molex connectors, 9 multi-strand wires; 2 twisted pairs (26 AWG), 4 straight conductors (28 gauge) and 1 straight conductor (22 AWG) with concealed plug connectors eliminating the need for separate or exposed wiring. Rated 350 mA continuous @ 48 volts DC nominal, the hinge is capable of two PoE wiring configurations:
 - a. Power over Data (5 wire): Power and Data supplied together over the 2 twisted 26 AWG pairs. The 22 AWG conductor is used for the earth ground connection.
 - b. Data with Power over Spares (9 wire): Data over 2 twisted (26 AWG) pairs with Power over spare pairs 94 straight 28 AWG conductors). The 22 Awg conductor is used for earth ground connection.
 - 2. Manufacturers:
 - a. Markar Products; ASSA ABLOY Architectural Door Accessories (MR) - PoE Series.
 - b. McKinney (MK) - PoE Series.
 - c. Pemko (PE) - PoE Series.
- C. Electric Door Wire Harnesses: Provide electric/data transfer wiring harnesses with standardized plug connectors to accommodate up to twelve (12) wires. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Provide sufficient number and type of concealed wires to accommodate electric function of specified hardware. Provide a connector for through-door electronic locking devices and from hinge to junction box above the opening. Wire nut connections are not acceptable. Determine the length required for each electrified hardware component for the door type, size and construction, minimum of two per electrified opening.
 - 1. Provide one each of the following tools as part of the base bid contract:

- a. McKinney (MK) - Electrical Connecting Kit: QC-R001.
- b. McKinney (MK) - Connector Hand Tool: QC-R003.

2. Manufacturers:

- a. McKinney (MK) - QC-C Series.

2.4 MORTISE LOCKS AND LATCHING DEVICES

- A. Mortise Locksets, Grade 1 (Heavy Duty): Provide ANSI/BHMA A156.13, Series 1000, Operational Grade 1 Certified Products Directory (CPD) listed mortise locksets. Listed manufacturers shall meet all functions and features as specified herein.

1. Manufacturers:

- a. Sargent Manufacturing (SA) - 8200 Series.

2.5 LOCK AND LATCH STRIKES

- A. Strikes: Provide manufacturer's standard strike with strike box for each latch or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, unless otherwise indicated, and as follows:

- 1. Flat-Lip Strikes: For locks with three-piece antifriction latchbolts, as recommended by manufacturer.
- 2. Extra-Long-Lip Strikes: For locks used on frames with applied wood casing trim.
- 3. Aluminum-Frame Strike Box: Provide manufacturer's special strike box fabricated for aluminum framing.
- 4. Double-lipped strikes: For locks at double acting doors. Furnish with retractable stop for rescue hardware applications.

- B. Standards: Comply with the following:

- 1. Strikes for Mortise Locks and Latches: BHMA A156.13.
- 2. Strikes for Bored Locks and Latches: BHMA A156.2.
- 3. Strikes for Auxiliary Deadlocks: BHMA A156.36.
- 4. Dustproof Strikes: BHMA A156.16.

2.6 CONVENTIONAL EXIT DEVICES

- A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:

- 1. Exit devices shall have a five-year warranty.
- 2. At doors not requiring a fire rating, provide devices complying with NFPA 101 and listed and labeled for "Panic Hardware" according to UL305. Provide proper fasteners as required by manufacturer including sex nuts and bolts at openings specified in the Hardware Sets.

3. Where exit devices are required on fire rated doors, provide devices complying with NFPA 80 and with UL labeling indicating "Fire Exit Hardware". Provide devices with the proper fasteners for installation as tested and listed by UL. Consult manufacturer's catalog and template book for specific requirements.
 4. Except on fire rated doors, provide exit devices with hex key dogging device to hold the pushbar and latch in a retracted position. Provide optional keyed cylinder dogging on devices where specified in Hardware Sets.
 5. Devices must fit flat against the door face with no gap that permits unauthorized dogging of the push bar. The addition of filler strips is required in any case where the door light extends behind the device as in a full glass configuration.
 6. Lever Operating Trim: Where exit devices require lever trim, furnish manufacturer's heavy duty escutcheon trim with threaded studs for thru-bolts.
 - a. Lock Trim Design: As indicated in Hardware Sets, provide finishes and designs to match that of the specified locksets.
 - b. Where function of exit device requires a cylinder, provide a cylinder (Rim or Mortise) as specified in Hardware Sets.
 7. Vertical Rod Exit Devices: Where surface or concealed vertical rod exit devices are used at interior openings, provide as less bottom rod (LBR) unless otherwise indicated. Provide dust proof strikes where thermal pins are required to project into the floor.
 8. Narrow Stile Applications: At doors constructed with narrow stiles, or as specified in Hardware Sets, provide devices designed for maximum 2" wide stiles.
 9. Dummy Push Bar: Nonfunctioning push bar matching functional push bar.
 10. Rail Sizing: Provide exit device rails factory sized for proper door width application.
 11. Through Bolt Installation: For exit devices and trim as indicated in Door Hardware Sets.
- B. Conventional Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 Certified Products Directory (CPD) listed exit devices. Listed manufacturers shall meet all functions and features as specified herein.
1. Manufacturers:
 - a. Sargent Manufacturing (SA) - PE80 Series.

2.7 FABRICATION

- A. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to manufacturers recognized installation standards for application intended.

2.8 FINISHES

- A. Standard: Designations used in the Hardware Sets and elsewhere indicate hardware finishes complying with ANSI/BHMA A156.18, including coordination with traditional U.S. finishes indicated by certain manufacturers for their products.

- B. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware
- C. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine scheduled openings, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Notify architect of any discrepancies or conflicts between the door schedule, door types, drawings and scheduled hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.2 PREPARATION

- A. Hollow Metal Doors and Frames: Comply with ANSI/DHI A115 series.
- B. Wood Doors: Comply with ANSI/DHI A115-W series.

3.3 INSTALLATION

- A. Install each item of mechanical and electromechanical hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.
 - 1. Installers are to be trained and certified by the manufacturer on the proper installation and adjustment of fire, life safety, and security products including: hanging devices; locking devices; closing devices; and seals.
- B. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:
 - 1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
 - 2. DHI TDH-007-20: Installation Guide for Doors and Hardware.
 - 3. Where indicated to comply with accessibility requirements, comply with ANSI A117.1 "Accessibility Guidelines for Buildings and Facilities."
 - 4. Provide blocking in drywall partitions where wall stops or other wall mounted hardware is located.
- C. Retrofitting: Install door hardware to comply with manufacturer's published templates and written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and

reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.

- D. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."
- E. Storage: Provide a secure lock up for hardware delivered to the project but not yet installed. Control the handling and installation of hardware items so that the completion of the work will not be delayed by hardware losses before and after installation.

3.4 FIELD QUALITY CONTROL

- A. Field Inspection (Punch Report): Reference Division 01 Sections "Closeout Procedures". Produce project punch report for each installed door opening indicating compliance with approved submittals and verification hardware is properly installed, operating and adjusted. Include list of items to be completed and corrected, indicating the reasons or deficiencies causing the Work to be incomplete or rejected.
 - 1. Organization of List: Include separate Door Opening and Deficiencies and Corrective Action Lists organized by Mark, Opening Remarks and Comments, and related Opening Images and Video Recordings.

3.5 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

3.6 CLEANING AND PROTECTION

- A. Protect all hardware stored on construction site in a covered and dry place. Protect exposed hardware installed on doors during the construction phase. Install any and all hardware at the latest possible time frame.
- B. Clean adjacent surfaces soiled by door hardware installation.
- C. Clean operating items as necessary to restore proper finish. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of owner occupancy.

3.7 DEMONSTRATION

- A. Instruct Owner's maintenance personnel to adjust, operate, and maintain mechanical and electromechanical door hardware.

3.8 DOOR HARDWARE SETS

- A. The hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.
1. Quantities listed are for each pair of doors, or for each single door.
 2. The supplier is responsible for handing and sizing all products.
 3. Where multiple options for a piece of hardware are given in a single line item, the supplier shall provide the appropriate application for the opening.
 4. At existing openings with new hardware the supplier shall field inspect existing conditions prior to the submittal stage to verify the specified hardware will work as required. Provide alternate solutions and proposals as needed.
- B. Manufacturer's Abbreviations:
1. MK - McKinney
 2. SU - Securitron
 3. SA - SARGENT
 4. OT - Other
 5. RO - Rockwood
 6. VD - Von Duprin

Hardware Sets

Set: 1.0

Doors: E37C, E39, E45A, E45B, E47, E50, E52, E54, E55A, E55B, E56, E57, E58, E60, E61, E62, E64, E66, E68, E74, E75A, E75B, E76, E82, FT2, PS11D, PS12A, PS13, PS15D, PS17, PS21A, PS22, PS22A, PS24, PS24A, PS24B, PS24C, PS25, PS27, PS29, V113, V123

Description: PoE Hinge, Cylindrical Lock

2 Hinge, Full Mortise	TA2714 4-1/2" x 4" (verify size & thknss)	US26D	MK
1 Electric Hinge	TA2714-PoE 4-1/2" x 4" (verify size & thknss)	US26D	MK
1 Access Control Cyl Lock	IN220-10XG77 BIPS B LL LC	US26D	SA
1 Cylinder	Reuse - Verify Format		OT
1 ElectroLynx Door Harness	PoE-C__RJ (length as required)		MK
1 ElectroLynx Frame Harness	PoE-C1300RJ		MK

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1 Balance of Hardware Existing to Remain OT

Set: 2.0

Doors: E41

Description: PoE Hinge, Mortise Lock, Pair

5 Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" (verify size & thknss)	US32D	MK
1 Electric Hinge, Hvy Wt	T4A3386-PoE 4-1/2" x 4-1/2" (verify size & thknss)	US32D	MK
1 Access Control Mort Lock	IN220-82278 BIPS B LNL LC	US26D	SA
1 ElectroLynx Door Harness	PoE-C__RJ (length as required)		MK
1 ElectroLynx Frame Harness	PoE-C1300RJ		MK
1 Balance of Hardware	Existing to Remain		OT

Set: 3.0

Doors: FT1, WH1

Description: PoE Hinge, Mortise Lock, Single

2 Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" (verify size & thknss)	US32D	MK
1 Electric Hinge, Hvy Wt	T4A3386-PoE 4-1/2" x 4-1/2" (verify size & thknss)	US32D	MK
1 Access Control Mort Lock	IN220-82278 BIPS B LNL LC	US26D	SA
1 ElectroLynx Door Harness	PoE-C__RJ (length as required)		MK
1 ElectroLynx Frame Harness	PoE-C1300RJ		MK
1 Balance of Hardware	Existing to Remain		OT

Set: 4.0

Doors: PS14, PS16

Description: Power Transfer, Cylindrical Lock

1 Electric Power Transfer	CEPT-C5E	630	SU
1 Access Control Cyl Lock	IN220-10XG77 BIPS B LL LC	US26D	SA
1 Cylinder	Reuse - Verify Format		OT
1 ElectroLynx Door Harness	PoE-C__RJ (length as required)		MK
1 ElectroLynx Frame Harness	PoE-C1300RJ		MK
1 Balance of Hardware	Existing to Remain		OT

Set: 5.0

Doors: E37A, E37B, E63A, E63B, E65A, E65B, E67A, E67B, E70, E72, E72A, E72B, E72C, E77A,

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E77B, E78, E84A, E84C, E91, E92, E93, E94, PS10, PS18A, PS18B, PS21, PS21B, PS23, PS30, V104A, V104B, V105A, V105B, V106A, V106B, V108A, V108B, V112A, V112B

Description: Power Transfer, PoE Rim Panic

1 Electric Power Transfer	CEPT-C5E	630	SU
1 Rim Exit Device	IN220-PE8877 BIPS B WEL LC	US32D	SA
1 Cylinder	Reuse - Verify Format		OT
1 ElectroLynx Door Harness	PoE-C__RJ (length as required)		MK
1 ElectroLynx Frame Harness	PoE-C1300RJ		MK
1 Balance of Hardware	Existing to Remain		OT

Set: 6.0

Doors: E72AA, E80, E84B, PS12B, PS12C

Description: Power Transfer, PoE Rim Panic at active leaf only

1 Electric Power Transfer	CEPT-C5E	630	SU
1 Rim Exit Device	IN220-PE8877 BIPS B WEL LC	US32D	SA
1 Cylinder	Reuse - Verify Format		OT
1 ElectroLynx Door Harness	PoE-C__RJ (length as required)		MK
1 ElectroLynx Frame Harness	PoE-C1300RJ		MK
1 Balance of Hardware	Existing to Remain		OT

Set: 7.0

Doors: V100, V107

Description: CVR Panics with ELR

1 Concealed Vert Rod Exit	LC 5CH 55 56 ADPE8610 P106	US32D	SA
1 Concealed Vert Rod Exit	5CH 55 56 ADPE8610 EO	US32D	SA
1 Cylinder	Reuse - Verify Format		OT
2 Vandal Resistant Trim	VRT26	US32D	RO
2 Wiring Harness	As Required		OT

Set: 8.0

Doors: PS34, PS36

Description: Staff Restroom

1 Keyed Privacy Lock	LB LC V21 8251 LNL	US26D	SA
1 Balance of Hardware	Existing to Remain		OT

Notes: Verify lock function with owner.

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Set: 9.0

Doors: E43, E44, E48, E51, E53, E71, E73, E91A, E91B, E95, PS11, PS11A, PS15, PS15A, PS28, PS31, PS33, V101, V102, V103, V109, V110A, V110B, V111, V114, V115, V116, V117, V118, V119, V120, V121, V124, V125, V125A, V126A

1 No Work

At This Time

OT

END OF SECTION 087100

SECTION 281500 - INTEGRATED ACCESS CONTROL HARDWARE DEVICES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes access control door hardware for the following:
 - 1. Swinging doors.
 - 2. Other doors to the extent indicated.
- B. Section includes, but is not necessarily limited to, the following for the integrated access control security and site management system:
 - 1. Electrified and Integrated Access Control Card Key Door Hardware
- C. Related Sections include the following:
 - 1. Division 08 Section "Hollow Metal Doors and Frames."
 - 2. Division 08 Section "Flush Wood Doors".
 - 3. Division 08 Section "Aluminum-Framed Entrances and Storefronts".
 - 4. Division 08 Section "Door Hardware".
 - 5. Division 26 Section "Electrical" for connections to electrical power system and for low-voltage wiring work.
 - 6. Division 27 Section "Communications" for connections to the LAN.
 - 7. Division 28 Section "Access Control" for access control devices and equipment installed at door openings and provided as part of a security and site management system.
 - 8. Division 28 Section "Intrusion Detection" for detection devices installed at door openings and provided as part of an intrusion detection system.
 - 9. Division 28 Section "Video Surveillance" for motion detection and video camera devices and equipment installed at door openings and provided as part of a security and site management system.
 - 10. Division 28 Section "Fire Detection and Alarm" for connections to building fire alarm system.
- D. References:
 - 1. ANSI A117.1 (1998) - Accessible and Usable Buildings and Facilities.
 - 2. IBC - International Building Code
 - 3. NFPA 70 (2002) - National Electrical Code.
 - 4. NFPA 80 (1999) - Fire Doors and Windows.

5. NFPA 101 (2006) - Life Safety Code.
 6. UL 294 - Access Control Systems.
 7. UL 1076 - Proprietary Burglar Alarm Units and Systems.
- E. Products installed, but not provided under this Section include the following. Coordination to remain a requirement of this Section.
1. Security or High Security keyed cylinders, including provisions for temporary construction keying, for mechanical override at access control locking hardware to be furnished under Division 8 Section "Door Hardware".

1.3 SUBMITTALS

- A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.
- B. System Operational Descriptions: Complete system operational narratives for the integrated access controlled openings defining the owner's prescribed requirements for the opening functionality. Narratives include, but are not limited to, the following situations: normal secured/unsecured state of door; authorized access; authorized egress; unauthorized access; unauthorized egress; fire alarm and loss of power conditions, and interfaces with other building control systems.
- C. Shop Drawings: Details of electrified integrated locking hardware and access control firmware, indicating the following:
1. Wiring Diagrams: Upon receipt of approved schedules, submit detailed system wiring diagrams for power, signaling, monitoring, communication and control of the access control system electrified hardware and firmware. Differentiate between manufacturer-installed and field-installed wiring. Include the following:
 - a. Elevation diagram of each unique access controlled opening showing location and interconnection of major system components with respect to their placement in the respective door openings.
 - b. Complete (risers, point-to-point) access control system block wiring diagrams.
 2. Electrical Coordination: Coordinate with related Electrical Sections the voltages and wiring details required at electrically controlled and operated hardware openings.
- D. Proof of Certification: Upon request provide a copy of manufacturer(s) official certification or accreditation document indicating proof of status as a qualified and authorized provider of the primary access control components.
- E. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete access control and site management installation in quantity as required in Division 01, Closeout Submittals. The manual to include the name, address, and telephone number of the supplier/integrator providing the installation and the nearest service representatives for each item of equipment included in the system. The final

copies delivered after completion of the installation test to include "as built" modifications made during installation, checkout, and acceptance.

1. As-Built Drawings: During system installation, the Contractor to maintain a separate hard copy set of drawings, elevation diagrams, and wiring diagrams of the access control system to be used for record drawings. This set to be kept up to date by the Contractor with all changes and additions to the access control system accurately recorded.
- F. Warranties and Maintenance: Special warranties and maintenance agreements specified in this Section.

1.4 QUALITY ASSURANCE

- A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum of five (5) years of documented experience in providing access control and security systems equipment and software similar to that indicated for this Project and that have a proven record of successful in-service performance.
1. Software and access control systems components to have been previously and thoroughly tested together with proven installations similar in size and functionality to the design requirements indicated for this Project.
- B. Supplier Qualifications: Supplier/Dealers, verifiably authorized and in good standing with the primary product manufacturers, with a minimum of three (3) years of experience supplying integrated access control systems similar in material, design, and scope to that indicated for this Project and whose work has resulted in construction with a proven record of successful in-service performance.
1. ASSA ABLOY access control products are required to be supplied only through designated "Authorized Channel Partners."
 - a. List Qualified ACP Companies
- C. System Integrator Qualifications: Systems Integrators, verifiably factory trained and certified by the primary product manufacturers, with a minimum of three (3) years documented experience installing complete integrated access control systems similar in material, design, and scope to that indicated for this Project and whose work has resulted in construction with a proven record of successful in-service performance. Qualifications include, but are not necessarily limited, to the following:
1. References: Provide a list of references for similar projects including contact name, phone number, name and type of project.
 2. Professional Staffing: Firms to have a dedicated access control systems integration department with full time, experienced professionals on staff experienced in providing on site consulting services for both electrified door hardware and integrated access control systems installations.
 3. Factory Training: Installation and service technicians are to be competent factory trained and certified personnel capable of maintaining the system.

4. Service Center: Firms to have a service center capable of providing training, in-stock parts, and emergency maintenance and repairs at the Project site with 24-hour/7-days a week maximum response time.
- D. Installer Qualifications: Certified technicians, verifiably authorized with the primary product manufacturers for installation of IP-Enabled, Wireless, and Power-over-Ethernet Access Control products in accordance with documented instructions and NFPA 80.
 1. ASSA ABLOY access control products are required to be installed only through designated "Preferred Installers."
- E. Source Limitations: Obtain the access control door hardware, system firmware and application software specified in this Section from a single source, qualified supplier/integrator unless otherwise indicated.
 1. Electrified modifications or enhancements made to a source manufacturer's product line by a secondary or third party source will not be accepted.
 2. Provide integrated access control door hardware from the same manufacturer as mechanical door hardware, unless otherwise indicated.
- F. Regulatory Requirements: Comply with NFPA 70, NFPA 80, NFPA 101 and ANSI A117.1 requirements and guidelines as directed in the model building code including, but not limited to, the following:
 1. Comply with NFPA 70 "National Electrical Code", including electrical components, devices, and accessories listed and labeled as defined in Article 100 by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
 2. Where indicated to comply with accessibility requirements, comply with Americans with Disabilities Act (ADA), "Accessibility Guidelines for Buildings and Facilities (ADAAG)," ANSI A117.1.
 3. Comply with NFPA 101 "Life Safety Code" for doors in a means of egress.
 4. Comply with NFPA 80 "Fire Doors and Windows" for fire labeled opening assemblies.
 5. The installed access control system shall conform to all local jurisdiction requirements.
- G. Keying Conference: Reference Division 8 Section "Door Hardware".
- H. Pre-Submittal Conference: Conduct conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier/Dealer, Systems Integrator, and Contractor to review proper methods and procedures for receiving, handling, and installing the access control system hardware. At completion of installation, provide written documentation that components were applied to manufacturer's instructions and recommendations and according to approved schedules.
 1. Inspect and discuss Division 26 electrical roughing-in and similar preparatory work performed by other trades.
 2. Review and verify sequence of operation descriptions for each unique access controlled opening.
 3. Review and finalize construction schedule and verify availability of materials.
 4. Review the required inspecting, testing, commissioning, and demonstration procedures.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Do not store electronic access control hardware, software or related accessories at Project site without prior authorization.
 - 1. Access control firmware and software: Where approved and directed, inventory upon receipt and store electronic access control equipment in a secure, temperature and humidity controlled environment in original manufacturer's sealed containers.
- B. Tag each item or package separately with identification related to the final Access Control Door Schedule, and include basic installation instructions with each item or package.
- C. Deliver permanent keys, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner established at the "Pre-Submittal Conference".

1.6 COORDINATION

- A. Coordinate quantity and arrangement of assemblies with ceiling space configuration and with components occupying ceiling space, including structural members, pipes, air-distribution components, raceways, cable trays, recessed lighting fixtures, and other items.
- B. Access Control System Electrical Coordination: Coordinate the layout and installation of scheduled electrified door hardware, and related access control equipment, with required connections to source power junction boxes, power supplies, detection and monitoring hardware and fire alarm system.
 - 1. Door Hardware Interface: The card key access control system to interface and be connected to electronic door control hardware (electromechanical locks, electric strikes, magnetic locks, door position switches, other monitoring contacts, and related auxiliary control devices) as described under Division 8 "Door Hardware". Coordinate the installation and configuration of specified door hardware being monitored or controlled with the controls, software and access control hardware specified in this Section.
- C. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing electrified door hardware and access control system components. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing access control system hardware to comply with indicated requirements.
- D. Door and Frame Preparation: Related Division 08 Sections (Steel, Aluminum and Wood) doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

1.7 WARRANTY

- A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article will not deprive Owner of other rights Owner may have under other provisions of

the Contract Documents and are in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

- B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of the installed access control system hardware and software that fails in materials or workmanship, including all related parts and labor, within specified warranty period after final testing and acceptance by the Owner. Failures include, but are not limited to, the following:
 - 1. Structural failures including excessive deflection, cracking, or breakage.
 - 2. Faulty operation of the hardware.
 - 3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - 4. Electrical component defects and failures within the systems operation.
- C. Standard Warranty Period: One year from date of Substantial Completion, unless otherwise indicated.
- D. Special Warranty Periods (Electrified Access Control Door Hardware):
 - 1. Two years for Electrified, Wiegand Output, and IP-Enabled Access Control Door Hardware.
- E. Maintenance Support and Extended Service Agreement: Submit for Owner's consideration an optional extended Service Agreement for the installed access control system, including support for software related issues. The extended Service Agreement is considered elective and is without manufacturer's requirement stipulating mandatory coverage for owner and/or vendor system support.
 - 1. A published copy of this agreement to be included with the submittal package
 - 2. Support for the installed access control system components is provided through the vendor under a 24 hour technical assistance program.
 - 3. Access control and management system components are to be available on a one-day turn around time frame from the manufacturer.
 - 4. Primary systems manufacturer to offer and provide remote modem or internet access for direct factory support to the vendor. The factory level support to include diagnostics and troubleshooting support on systems related issues at no additional cost to the owner.
- F. Access Control Software Upgrades: Version upgrades and "fix" releases to the access control system software are available at no extra charge as long as the version of software provided under this specification remains the current manufacturer's version or for up to (2) years after a new version release.
 - 1. Major access control software revisions that provide new functionality to the product provided free of charge for up to one (1) year from the date of substantial completion.
 - 2. Access control system software is to be upgradable as may be required or as necessary, to expand and manage the owner's site or sites. Upgrades are to be offered at a published flat fee for the primary system software, with single license modules included in the primary fee structure. System upgrades offered at a costing structure based upon the original number of licensed modules issued, or on those to be purchased at a future date, are not allowed.

3. As part of the submittal package, provide a list of available software upgrades and/or expansions modules. List to identify related costs for upgrades, or expansions to the original system, up to the next qualifying operational level.

1.8 MAINTENANCE SERVICE

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of the installed access control system hardware and components.
- B. Maintenance Service: Beginning at Substantial Completion, and running concurrent with the specified warranty period, provide continuous (6) months full maintenance by skilled employees of the Systems Integrator. Include repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper door opening operation. Provide parts and supplies as used in the manufacture and installation of original products.

1.9 SCOPE OF WORK

- A. On-Line Electronic Access Control System: Furnish and install at the indicated locations the specified electrified and integrated door hardware and access control firmware and software for a completely operational access control and security site management system. System includes, but is not necessarily limited, to the following:
 1. Electrified integrated card reader locks and exit hardware, permanent and temporary override cylinders, network control processors, reader controller panels, I/O monitor/control interfaces, door position switches, remote card readers, keypads, and display terminals, access cards and credentials, system application software, special tools, operating manuals, and required cabling and accessories as detailed below and listed in the Access Control Hardware Sets at the end of Part 3.
 - a. Provide the appropriate number of reader controller panels and I/O monitoring/control expansion interfaces as needed to handle the number of card readers, locking devices, door status devices, and identified alarm inputs specified in this section, and as shown on the security drawings.
 - b. Provide manufacturer approved integrated card reader locks, exit hardware, and remote mounted card readers, keypads, and display terminals that are functionally compatible with the specified access control equipment interfaces.
 2. Access control system equipment to be installed in an enclosure box compatible with the specified components. This enclosure to include, but is not necessarily limited to, the network control processor, I/O monitor/control interface panels, power supplies, terminal strips, wire ducts, keyed lock cylinder, integrated outlet for A/C power, and standoffs.
 - a. Enclosure box to be located in the designated IT/Telecom room(s) with connection to local area network for communication back to the central server host.
 3. Owner to provide the following:

- a. Central server host computer, client workstations, and hardware peripherals to be from an approved, major line computer manufacturer. Specific information detailing compliance with system requirements to be included in the project submittal package as specified.
 - b. Owner will be responsible for ensuring that each computer hardware component includes the required interfaces, expansion boards, and peripherals that will be necessary to allow the system to operate as described within this specification and as indicated on the drawings.
 - c. Power Sourcing and Network Switches: Quantity as required to accommodate installed access control (and video surveillance) devices.
 - d. Network Control Processor Connections:
 - 1) LAN/Ethernet communication ports (jacks) and network interface cards as needed, CAT5e cabling from network router/switch to network control processor, outlet and cover plates and/or patch cables required for network connection within each designated IT/Telecom room.
 - 2) Required static IP addresses.
4. Power Supplies, including battery back up and separately fused surge protection, required for the electrified door hardware and access control equipment.
 5. Installation, final configuration and commissioning of electrified door and access control system hardware, communication firmware, power supplies and related accessories.
 6. System application software including installation, programming, and end user training of the access control system demonstrating operating, repair, and maintenance procedures. Include no fewer than 8 hours of on-site central server training for designated personnel (facilities maintenance, security, IT, administration) by a factory certified representative.
 7. Provide manufacturer required power controllers, interface boards, and programming that may be required for approved electric latch retraction exit devices supplied under Division 08 Section "Door Hardware."
 8. Electrical contractor, Division 26, to provide the following:
 - a. Source power wiring (120VAC) as required for the electrified locking and access control hardware, equipment, accessories and power supplies. This includes quad outlets as required on a dedicated circuit in the designated IT/Telecom room(s) and the related conduit, stub-in, junction boxes and connectors required for the source power delivery and connections.
 - b. Provide required conduit, stub-in, junction and back boxes for both the electrified locking hardware and access control equipment at each of the access controlled or monitored openings per plan drawings and specs. Supply and install conduit between each of the aforementioned devices and between the electrical junction boxes, power supplies and access control equipment located on or above the door opening.
 - 1) At wall mounted remote readers, provide conduit on the secured side of the door, 36" from the finish floor and 6" from the edge of the frame, to the related power supplies and access control equipment.
 - 2) At electrical hardware power transfers provide conduit on the secured side of the opening from the power transfer, thru-wire hinge, or serviceable panel location on the frame jamb to the related power supplies and access control equipment.

- c. Electrical Contractor to provide all 120VAC cabling connections and terminations from the electrical junction boxes to these electrical devices.
- 9. Access Control System Integrator to provide the following:
 - a. Low voltage wiring (12/24VDC) and communication cabling (RS-232/RS-485) from network control processors to reader controllers, I/O monitor/control interface panels, electrified and integrated locking hardware, remote card readers, keypads, or display terminals, monitoring and signaling switches, and power supplies. Work includes related connectors, final terminations, and hook-ups required for a complete and functional access controlled opening in accordance with applicable codes and specified system operational narratives.
- 10. Elevator Contractor to provide the following:
 - a. Interface or landing of interface cable onto the elevator call button will be performed by a certified elevator contractor.
 - b. Coordinate with access control systems integrator provisions for a card reader with output allowing the elevator call button to be activated. A validated card read will be required for activation.
- 11. Full and seamless integration of the site intrusion alarm service if applicable, with the installed site access control system software.
- 12. Final connections to fire alarm system, if required, by electrical and fire alarm system contractors.
- 13. Provide permits, submittals and approvals required by the authority having jurisdiction, prior to commencing with work.
- 14. Provide manufacturer required power controllers, interface boards, and programming that may be required for approved electric latch retraction exit devices supplied under Division 08 Section "Door Hardware."
- 15. Electrical contractor (Division 26) to provide the following:
 - a. Provide required conduit, stub-in, junction and back boxes for both the electrified locking hardware and access control equipment at each of the access controlled or monitored openings per plan drawings and specs. Supply and install conduit between each of the aforementioned devices and between the electrical junction boxes, power supplies and access control equipment located on or above the door opening.
 - 1) At off-line remote readers, provide conduit on the secured side of the door, 36" from the finish floor and 6" from the edge of the frame, to the related power supplies and access control equipment.
 - 2) At electrified hardware power transfers provide conduit on the secured side of the opening from the power transfer, thru-wire hinge, or serviceable panel location on the frame jamb to the related power supplies and access control equipment.
 - b. Electrical Contractor to provide all 120VAC cabling connections and terminations from the electrical junction boxes to these electrical devices.
- 16. Access Control System Supplier to provide the following:

- a. Low voltage wiring (12/24VDC) for the electrified locking hardware, remote card readers, monitoring and signaling switches, and power supplies. Work includes related connectors, final terminations and hook-ups required for a complete and functional access controlled opening in accordance with applicable codes and specified system operational narratives.
17. Typical System Requirements (Owner Provided): Central server host computer, client workstations, and hardware peripherals to be from an approved, major line computer manufacturer. Specific information detailing compliance with system requirements to be included in the project submittal package as specified.

PART 2 - PRODUCTS

2.1 INTEGRATED WIRED OUTPUT ACCESS CONTROL, MULTI-CLASS READER

2.2 POWER OVER ETHERNET ACCESS CONTROL

- A. IP Enabled Power-over-Ethernet (PoE) Integrated Card Reader Mortise Lock: IP enabled ANSI/BHMA A156.13 Grade 1 mortise lockset with integrated credential reader, request-to-exit, and door position signaling in one complete unit. Motor driven locking/unlocking control of the lever handle trim, 3/4" projection latchbolt, and optional 1" steel deadbolt. Lock is U.L listed and labeled for use on up to 3 hour fire rated openings. Available with or without keyed high security cylinder override.
 1. Completely intelligent and integrated locking unit with Ethernet power and communication connection capability directly from the locking unit back to the central system host server without additional access control interfaces or components (excluding PoE Endspan and Midspan devices) via an existing or newly installed IEEE 802.3af PoE enabled network.
 2. Open architecture design supports wired integration with third party access control systems applications via software development kit (SDK). Real-time software accessible alarms for forced door, unknown card and door held open, with inside lever handle (request-to-exit), battery status, tampering, and door position (open/closed status) monitoring.
 3. 2,400 users and 10,000 event transaction history (audit trail). Distributed intelligence allows stand alone operation in absence of network communication allowing for system operational redundancy.
 4. Provide a network and lock configuration CD tool kit for initial lock setup and programming via a USB connection.
 5. Energy Efficient Design: Provide lock bodies which have a holding current draw of 15mA maximum, and can operate on either 12 or 24 volts. Locks are to be field configurable for fail safe or fail secure operation.
 6. Integrated reader supports the following credentials:
 - a. 125kHz proximity credentials: HID, AWID, Indala, and EM4102.
 - b. 13.56 MHz contactless credentials: HID iClass, HID iClass SE, HID iClass Seos, SIO on MIFARE Classic, SIO on MIFARE DESFire EV1, MIFARE Classic,

DESfire EV1, NFC-enabled mobile phones, Bluetooth Smart-enabled mobile phones.

7. Optional push-button keypad for PIN only usage or dual authentication requirements.
 8. Communication between access control system and device is protected by AES 128 bit encryption via the SDK. Programmable for time zones, holidays, and automatic unlocking.
 9. Power and communication from one Ethernet (CAT5e or higher) cable. Compliant with 802.3af Class 1 device specifications requiring 3.84 watts for Power over Ethernet.
 10. Supports real-time system lockdown capabilities. Inside lever retracts latch bolt and deadbolt simultaneously.
 11. High security mechanical key provides emergency override retraction of latchbolt without need for electronic activation.
 12. Ethernet system framework, network cabling, mounting boxes, PoE end-span/mid-span, electrical hard wiring, grounding, and connections are required for complete system functionality. All system components are by others and are specified elsewhere.
 - a. Power Requirement: PoE Class 2, maximum 7 watts.
 - b. Network Cabling Requirements: Cat5e or higher meeting or exceeding ANSI/TIA/EIA-568-C. 24 AWG Plenum rated.
 - c. Bonding and Grounding: Meet or exceed TIA-607-B requirements. Connect device ground cable to building electrical earth ground.
 - d. Network Surface Mount Box: Meet or exceed ANSI/TIA/EIA-568-C requirements. Cat5e or higher (RJ45).
 13. Manufacturers:
 - a. Sargent Manufacturing (SA) - IN220 Series.
- B. IP Enabled Power-over-Ethernet (PoE) Integrated Card Reader Cylindrical Lock: IP enabled, PoE ANSI/BHMA A156.2 Grade 1 bored lockset with integrated credential reader and request-to-exit signaling in one complete unit. Motor driven locking/unlocking control of the lever handle trim with 1/2" deadlocking stainless steel latch. Lock is U.L listed and labeled for use on up to 3 hour fire rated cylinder override.
1. Completely intelligent and integrated locking unit with Ethernet power and communication connection capability directly from the locking unit back to the central system host server without additional access control interfaces or components (excluding PoE Endspan and Midspan devices) via an existing or newly installed IEEE 802.3af PoE enabled network.
 2. Open architecture design supports wired integration with third party access control systems applications via software development kit (SDK). Real-time software accessible alarms for forced door, unknown card and door held open, with inside lever handle (request-to-exit), battery status, tampering, and door position (open/closed status) monitoring.
 3. 2,400 users and 10,000 event transaction history (audit trail). Distributed intelligence allows stand alone operation in absence of network communication allowing for system operational redundancy.
 4. Provide a network and lock configuration CD tool kit for initial lock setup and programming via a USB connection.

5. Energy Efficient Design: Provide lock bodies which have a holding current draw of 15mA maximum, and can operate on either 12 or 24 volts. Locks are to be field configurable for fail safe or fail secure operation.
6. Integrated reader supports the following credentials:
 - a. 125kHz proximity credentials: HID, AWID, Indala, and EM4102.
 - b. 13.56 MHz contactless credentials: HID iClass, HID iClass SE, HID iClass Seos, SIO on MIFARE Classic, SIO on MIFARE DESFire EV1, MIFARE Classic, DESfire EV1, NFC-enabled mobile phones, Bluetooth Smart-enabled mobile phones.
7. Optional push-button keypad for PIN only usage or dual authentication requirements.
8. Communication between access control system and device is protected by AES 128 bit encryption via the SDK. Programmable for time zones, holidays, and automatic unlocking.
9. Power and communication from one Ethernet (CAT5e or higher) cable. Compliant with 802.3af Class 1 device specifications requiring 3.84 watts for Power over Ethernet.
10. Supports real-time system lockdown capabilities
11. High security mechanical key provides emergency override retraction of latchbolt without need for electronic activation.
12. Ethernet system framework, network cabling, mounting boxes, PoE end-span/mid-span, electrical hard wiring, grounding, and connections are required for complete system functionality. All system components are by others and are specified elsewhere.
 - a. Power Requirement: PoE Class 2, maximum 7 watts.
 - b. Network Cabling Requirements: Cat5e or higher meeting or exceeding ANSI/TIA/EIA-568-C. 24 AWG Plenum rated.
 - c. Bonding and Grounding: Meet or exceed TIA-607-B requirements. Connect device ground cable to building electrical earth ground.
 - d. Network Surface Mount Box: Meet or exceed ANSI/TIA/EIA-568-C requirements. Cat5e or higher (RJ45).
13. Manufacturers:
 - a. Sargent Manufacturing (SA) - IN220-10 Line Series.

2.3 CABLES AND WIRING

- A. Comply with Division 27 Section "Conductors and Cables for Electronic Safety and Security."
- B. Data Line Supervision: System to include alarm initiation capability in response to opening, closing, shorting, or grounding of data transmission lines.
- C. Install appropriate number of conductor pairs, in the wire gage (AWG) recommended by manufacturer, corresponding to the electronic locking functions specified, amperage drawn and distances covered between the power supplies, power transfer devices, electrified hardware and access control equipment.

2.4 ACCESS CONTROL HARDWARE FINISHES

- A. Standard: Comply with BHMA A156.18.
- B. Protect mechanical finishes on exposed surfaces from damage by applying temporary protective coverings before shipping.
- C. Where specified, finishes on integrated card key locksets or exit hardware to incorporate an FDA recognized antimicrobial coating (i.e., MicroShield™) listed for use on equipment as a suppressant to the growth and spread of a broad range of bacteria, algae, fungus, mold and mildew.
- D. BHMA Designations: Comply with base material and finish as specified.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine scheduled openings, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance of the installed access control system.
- B. Examine roughing-in for electrical source power to verify actual locations of wiring connections before electrified and integrated access control door hardware installation.
- C. Examine roughing-in for LAN and control cable conduit systems to PCs, controllers, card readers, and other cable-connected devices to verify actual locations of conduit and back boxes before device installation.
- D. Notify architect of any discrepancies or conflicts between the specifications, drawings and scheduled access controlled hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.2 PREPARATION

- A. Doors and frames at scheduled access controlled openings to be properly prepared to receive specified electrified and access control hardware and connections without additional in-field modifications.

3.3 INSTALLATION

- A. Install each item of electronic integrated door hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.
- B. Mounting Heights: Mount electronic integrated door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:

1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
3. Where indicated to comply with accessibility requirements, comply with ANSI A117.1 "Accessibility Guidelines for Buildings and Facilities."

C. Boxed Power Supplies: Verify locations.

1. Configuration: Provide the least number of power supplies required to adequately serve doors with access control hardware and equipment.

D. Final connect the system control switches (integrated card key locking hardware, remote readers, keypads, display terminals, biometrics), and monitoring, and signaling equipment to the related Controller devices at each opening to properly operate the electrified door and access control hardware according to system operational narratives.

E. Retrofitting: Install each door hardware and access control item to comply with manufacturer's published templates and written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.

F. System Application Software: Install, and test application(s) software and databases for the complete and proper operation of systems involved. Assign software license(s) to Owner.

3.4 FIELD QUALITY CONTROL

A. Field Inspection (Punch Report): Reference Division 01 Sections "Closeout Procedures". Produce project punch report for each installed door opening indicating compliance with approved submittals and verification hardware is properly installed, operating and adjusted. Include list of items to be completed and corrected, indicating the reasons or deficiencies causing the Work to be incomplete or rejected.

1. Organization of List: Include separate Door Opening and Deficiencies and Corrective Action Lists organized by Mark, Opening Remarks and Comments, and related Opening Images and Video Recordings.

B. Commissioning and Testing Schedule: Prior to final acceptance of the access control system installation, the following testing and documentation to be performed and provided to the Owner.

1. Inspection: Verify that units and controls are properly installed, connected, and labeled and that interconnecting wires and terminals are identified.
2. Pre-testing: Program and adjust the system and pretest all components, wiring, and functions to verify they conform to specified requirements. Provide testing reports indicating devices tested, pass/fail status, and actions taken to resolve problem(s) on failed tests.

3. Acceptance Test Schedule: Correct deficiencies identified by tests and observations and retest until specified requirements are met.
4. Provide "as designed" drawings showing each device and wiring connection and electronic enclosure legends indicating cabling in and out.
5. Provide a complete set of operating instructions for access control hardware devices and a complete software user manual. The documentation includes module reference guides for each electronic enclosure.

3.5 ADJUSTING

- A. Adjust and check each operating item of integrated access control door hardware, and each door opening to ensure proper secured operation and function of every unit. Replace units that cannot be adjusted to operate as intended.

3.6 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by access control system installation.
- B. Clean operating items as necessary to restore proper finish and provide final protection and maintain conditions that ensure access control door hardware is without damage or deterioration at time of owner occupancy.

3.7 DEMONSTRATION

- A. Engage an authorized systems manufacturer representative to train Owner's maintenance personnel to adjust, operate, and maintain electronic integrated door hardware and the access control system.

3.8 ACCESS CONTROL HARDWARE SETS

- A. The access control system hardware sets listed below represent the design intent and direction of the owner, architect, and security consultant (as applicable). They are intended as a guideline only and should not be considered a detailed opening schedule. Discrepancies, conflicting, and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.
- B. The supplier is responsible for handing and sizing all products and providing the correct option for the appropriate door type and material where more than one is presented in the hardware sets. Quantities listed are for each pair of doors, or for each single door.
- C. Refer to Section 087100, Door Hardware, for hardware sets.

END OF SECTION 281500

Appendix A

ASSA ABLOY SITE SURVEY REPORT

College of the Sequoias Hanford

Site Survey Report

Review Dates From 02-05-2024 To 02-07-2024



OWNER**SITE SURVEY DATE(S)****ARCHITECT**

02-05-2024 - 02-07-2024

CONTRACTOR**PROJECT** College of the Sequoias Hanford

Scope of Services

The openings described in the Door Inspection List at the project location and dates shown were examined as part of opening survey report by an ASSA ABLOY EDSSG professional inspector(s). The data collected may include, but is not limited to, detailed descriptions of the installed door, hardware, and electronic access control components, proper functioning of the opening, and general compliance with fire and life safety building codes.

The purpose of the summary report, and associated digital images, is to describe the location and condition of the door openings as of the date of the survey. The survey report is not intended to constitute a warranty as to the continued compliance or functional operation of any of the door openings and associated hardware or access control systems.

ASSA ABLOY EDSSG is held harmless from and against damages incurred as a result of variances from any building codes or regulations in place by the authority having jurisdiction ("AHJ") over the Owner or its facilities that impact the inspection services provided if ASSA ABLOY EDSSG is not informed of such requirements in advance by the Owner.

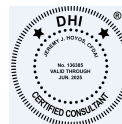
This summary report is provided in conjunction with the opening survey services performed by an ASSA ABLOY EDSSG inspector(s) and does not cover cost of repair or any other services with respect to the openings.

Questions regarding this summary report can be directed to the following Openings Studio Building Technologies Consultant:

NAME OF INSPECTOR: Jeremy Hoyos

CONTACT INFORMATION: jeremy.hoyos@assaabloy.com

SIGNATURE: _____

**GENERAL REMARKS:**



Door Site Survey List

Mark	Building	Level	Room	Fire Rating	Smoke Rating	Acoustic Rating	Issue Codes	Date	Technician
PS28	Public Safety	1	PS28						
PS29	Public Safety	1	PS29	FR-20			LO0	02-06-2024	J Hoyos
PS27	Public Safety	1	PS27	FR-20			O3	02-06-2024	J Hoyos
PS25	Public Safety	1	PS25	FR-20					
PS23	Public Safety	1	PS23	FR-20			OT	02-07-2024	J Hoyos
PS21	Public Safety	1	PS21	FR-20					
PS33	Public Safety	1	PS33	FR-20			O2	02-06-2024	J Hoyos
PS31	Public Safety	1	PS31	FR-20			O2	02-06-2024	J Hoyos
PS21 A	Public Safety	1	PS21A						
PS21 B	Public Safety	1	PS21B						
PS17	Public Safety	1	PS17	FR-20			LO0, OT	02-06-2024	J Hoyos
PS15	Public Safety	1	PS15	FR-20					
PS15 D	Public Safety	1	PS15D						
PS13	Public Safety	1	PS13	FR-20					
PS11 D	Public Safety	1	PS11D						
PS11	Public Safety	1	PS11	FR-20					
PS30	Public Safety	1	PS30						
PS12 B	Public Safety	1	PS12	FR-20					
PS12 C	Public Safety	1	PS12						
PS10	Public Safety	1	PS10						
PS12 A	Public Safety	1	PS12A	FR-60			O2	02-06-2024	J Hoyos
PS14	Public Safety	1	PS14	FR-20					
PS16	Public Safety	1	PS16	FR-20			LO0	02-06-2024	J Hoyos
PS18 A	Public Safety	1	PS18	FR-20					
PS18 B	Public Safety	1	PS18	FR-20					
PS22	Public Safety	1	PS22	FR-20					
PS22 A	Public Safety	1	PS22A						
PS34	Public Safety	1	PS34	FR-20					
PS36	Public Safety	1	PS36	FR-20					
PS24	Public Safety	1	PS24	FR-20					
PS24 A	Public Safety	1	PS24A						
PS24 B	Public Safety	1	PS24B				CL6	02-06-2024	J Hoyos
PS24 C	Public Safety	1	PS24C						



Door Site Survey List

Mark	Building	Level	Room	Fire Rating	Smoke Rating	Acoustic Rating	Issue Codes	Date	Technician
V107	Vocational Ed	1	107						
V106 A	Vocational Ed	1	106	FR-20					
V106 B	Vocational Ed	1	106	FR-20					
V105 A	Vocational Ed	1	105	FR-20					
V105 B	Vocational Ed	1	105	FR-20					
V104 A	Vocational Ed	1	104	FR-20					
V104 B	Vocational Ed	1	104	FR-20					
V101	Vocational Ed	1	101	FR-20					
V102	Vocational Ed	1	102	FR-20					
V103	Vocational Ed	1	103	FR-20					
V100	Vocational Ed	1	100						
V123	Vocational Ed	1	123						
V124	Vocational Ed	1	124						
V125	Vocational Ed	1	125						
V121	Vocational Ed	1	121						
V120	Vocational Ed	1	120						
V119	Vocational Ed	1	119						
V118	Vocational Ed	1	118						
V116	Vocational Ed	1	116				F2	02-05-2024	J Hoyos
V115	Vocational Ed	1	115						
V114	Vocational Ed	1	114				LO0	02-05-2024	J Hoyos
V117	Vocational Ed	1	117						
V113	Vocational Ed	1	113	FR-20			OT	02-06-2024	J Hoyos
V112 A	Vocational Ed	1	112	FR-20			OT	02-05-2024	J Hoyos
V112 B	Vocational Ed	1	112	FR-20					
V109	Vocational Ed	1	109	FR-60					
V110 A	Vocational Ed	1	110						
V110 B	Vocational Ed	1	110	FR-60			LO1, O2	02-05-2024	J Hoyos
V111	Vocational Ed	1	111	FR-60					
V108 A	Vocational Ed	1	108	FR-60					
V108 B	Vocational Ed	1	108	FR-60					
V126 A	Vocational Ed	1	126	FR-60			LO0	02-05-2024	J Hoyos
E44	Education	1	PS28						

Door Site Survey List

Mark	Building	Level	Room	Fire Rating	Smoke Rating	Acoustic Rating	Issue Codes	Date	Technician
E37A	Education	1	E37	FR-20					
E37B	Education	1	E37	FR-20					
E37C	Education	1	E37						
E39	Education	1	E39						
E41	Education	1	E41						
E43	Education	1	E43						
E45A	Education	1	E45	FR-20					
E45B	Education	1	E45						
E47	Education	1	E47	FR-20					
E51	Education	1	E51						
E53	Education	1	E53						
E55A	Education	1	E55						
E55B	Education	1	E55						
E61	Education	1	E61						
E57	Education	1	E61	FR-20					
E63A	Education	1	E63	FR-20					
E63B	Education	1	E63	FR-20					
E65A	Education	1	E65	FR-20					
E65B	Education	1	E65	FR-20					
E67A	Education	1	E67	FR-20					
E67B	Education	1	E67	FR-20					
E71	Education	1	E71	FR-60					
E73	Education	1	E73	FR-20					
E75A	Education	1	E75	FR-60					
E75B	Education	1	E75	FR-60					
E77A	Education	1	E77	FR-60					
E77B	Education	1	E77	FR-60					
E48	Education	1	E48						
E80	Education	1	E80	FR-20					
E84A	Education	1	E84A	FR-20			OT	02-07-2024	J Hoyos
E82	Education	1	E82						
E84B	Education	1	E84						
E84C	Education	1	E84				OT	02-07-2024	J Hoyos
E78	Education	1	E78						
E72A	Education	1	E72A	FR-60					
E72A A	Education	1	E72A						
E72B	Education	1	E72B	FR-60					
E72C	Education	1	E72C	FR-60			OT	02-07-2024	J Hoyos
E72	Education	1	E72	FR-60			OT	02-07-2024	J Hoyos
E74	Education	1	E74						



Door Site Survey List

Mark	Building	Level	Room	Fire Rating	Smoke Rating	Acoustic Rating	Issue Codes	Date	Technician
E76	Education	1	E76				OT	02-07-2024	J Hoyos
E70	Education	1	E70						
E68	Education	1	E68						
E66	Education	1	E66	FR-20					
E50	Education	1	E50	FR-20			LO1	02-06-2024	J Hoyos
E52	Education	1	E52	FR-20					
E54	Education	1	E54	FR-20					
E56	Education	1	E56	FR-20					
E58	Education	1	E58	FR-20					
E60	Education	1	E60	FR-20					
E62	Education	1	E62	FR-20					
E64	Education	1	E64	FR-20					
FT1	Fire Storage	1	FT1						
FT2	Fire Storage	1	FT2				OT	02-07-2024	J Hoyos
WH1	Warehouse	1	WH1						
E95	Education Expansion	1	E95						
E91A	Education Expansion	1	E91A						
E91B	Education Expansion	1	E91B						
E91	Education Expansion	1	E91	FR-180					
E92	Education Expansion	1	E92	FR-180					
E93	Education Expansion	1	E93	FR-180					
E94	Education Expansion	1	E94	FR-180					
V125 A	Vocational Ed	1	125						
PS15 A	Public Safety	1	PS15	FR-20					
PS11 A	Public Safety	1	PS11	FR-20					

Issues Key

Operation Issues

- O0, Opening not installed
- O1, Door does not swing freely
- O2, Door does not close completely
- O3, Door does not securely latch
- O4, Electric door release does not allow door to close
- O5, Door drags on floor, rubs frame/rubs other door
- O6, Paired doors are not coordinated
- O7, Incorrect clearance (top of door to frame)
- O8, Incorrect clearance (hinge edge to frame)
- O9, Incorrect clearance (lock edge to frame)
- O10, Incorrect clearance (between doors)
- O11, Incorrect clearance (door bottom to floor)
- O12, Door blocked
- O13, Door encroachment exceeds projection limit for path of egress
- O14, Exceeds door opening force

Frame Issues

- F0, Frame not installed
- F1, Not secured to the wall
- F2, Damaged/rust through on frame
- F3, Frame is out of alignment
- F4, Missing/painted/illegible label
- F5, Incorrect glass installed
- F6, Broken/damaged glass
- F7, Missing glazing bead/glazing bead screws
- F8, Unused fastener holes/wrong frame prep
- F9, Improper field modification or repair
- F10, Incorrect swing/size/design/profile
- F11, Unacceptable quality/material/finish
- F17, Frame does not match submittal

Door Issues

- D0, Door not installed
- D1, Rust-through on door
- D2, Door damaged (bent, dented, delaminating)
- D3, Missing/painted/illegible label
- D4, Incorrect/missing/broken glass
- D5, Missing glazing bead/lite kit screws
- D6, Incorrect lite kit installed
- D7, Loose lite kit
- D8, Unused fastener holes/wrong door prep
- D9, Improper field modification or repair
- D10, Improper plant-ons
- D11, Unapproved louver
- D12, Incorrect swing/size/design/bevel
- D13, Unacceptable quality/material/finish
- D16, Door does not match submittal

Hinges/Pivots

- H0, Hinge(s)/pivot(s) not installed
- H1, Missing hinge(s)/pivot
- H2, Incorrect hinge(s)/pivot
- H3, Binding hinge(s)
- H4, Hinge fastener(s) stripped, missing or broken
- H5, Damaged/defective hinge(s)
- H6, Incorrectly shimmed
- H7, Unacceptable quality/material/finish
- H10, Hinges/pivots do not match submittal

Door Bolts

- BO0, Bolt(s) not installed
- BO1, Missing/damaged/incorrect bolt
- BO2, Missing/damaged/incorrect strike
- BO3, Bolt(s) not engaged/aligned with strike
- BO4, Missing/incorrect rub plate(s)/fastener(s)
- BO5, Unacceptable quality/material/finish
- BO6, Protective material not removed
- BO10, Bolt(s) do not match submittal

Locks

- LO0, Lock not installed
- LO1, Lock missing/damaged/not securely fastened
- LO2, Lock strike missing/damaged/out of alignment
- LO3, Latchbolt missing/damaged/incorrect application
- LO4, Non-fire rated latchbolt
- LO5, Latchbolt(s) not engaging strike/binding
- LO6, Lock/strike fastener(s) stripped, missing or broken
- LO7, Electric lock/maglocks not integrated with access control
- LO8, Electric lock/maglocks not integrated with fire alarm
- LO9, Unapproved deadbolt/latchbolt/hook
- LO10, Unacceptable quality/material/finish
- LO11, Protective material not removed
- LO12, Lock does not match submittal

Fire Exit Hardware

- MU0, Mullion not installed
- MU1, Mullion missing/broken/not securely fastened
- MU2, Mullion fastener(s) stripped, missing or broken
- MU3, Mullion does not match submittal
- ED0, Exit device not installed
- ED1, Missing fire exit device
- ED2, Exit device is not fire rated (missing label)
- ED3, Missing/damaged latchbolt(s)/fire bolt(s)/components
- ED4, Missing/damaged vertical rod(s)
- ED5, Exit device/trim not securely fastened
- ED6, Exit device does not latch
- ED7, Exit device fastener(s) stripped, missing or broken
- ED8, Exit device not integrated with access control
- ED9, Exit device not integrated fire alarm
- ED10, Exit device actuating portion does not extend half of door width
- ED11, Special locking arrangements/access controlled egress doors are non-compliant
- ED12, Missing THIS DOOR TO REMAIN OPEN WHEN THE SPACE IS OCCUPIED sign
- ED13, Missing PUSH/PULL UNTIL ALARM SOUNDS, FREE EGRESS AFTER 15 SECONDS sign
- ED14, Unacceptable quality/material/finish
- ED15, Protective material not removed
- ED16, Exit device does not match submittal

Cylinders

- CY0, Cylinder not installed
- CY1, Cylinder missing/damaged/installed incorrectly
- CY2, Incorrect cylinder
- CY3, Cylinder does not match submittal

Overhead Stops

- OH0, Overhead stop/holder not installed
- OH1, Overhead stop/holder missing/damaged/broken/installed incorrectly
- OH2, Mechanical hold-open installed
- OH3, Fastener(s) stripped, missing or broken
- OH4, Unacceptable quality/material/finish
- OH5, Protective material not removed
- OH6, Overhead stop/holder does not match submittal

Door Closers

- CL0, Closer not installed
- CL1, Missing/damaged closer(s)
- CL2, Leaking closer
- CL3, Missing/damaged/broken arm
- CL4, Does not close door completely
- CL5, Missing drop/adaptor plates
- CL6, Closer not securely fastened
- CL7, Closer cover missing/loose
- CL8, Closer fastener(s) stripped, missing or broken
- CL9, Hold-open/incorrect closer arm
- CL10, Closer parallel arm not pre-loaded when installed
- CL11, Closer installed in wrong location
- CL12, Unacceptable quality/material/finish
- CL13, Protective material not removed
- CL16, Closer does not match submittal

Door Operators

- DO0, Door operator not installed
- DO1, Missing door operator
- DO2, Incorrect door operator
- DO3, Does not close door completely
- DO4, Incorrect arm
- DO5, Door operator installed in wrong location
- DO6, Door operator not integrated with access control
- DO7, Door Operator not integrated with fire alarm
- DO8, Missing /defective/incorrect location(s) of actuator buttons
- DO9, Unacceptable quality/material/finish
- DO10, Door operator does not match submittal

Stops & Holders

- ST0, Door stop not installed
- ST1, Kick-down door holder installed
- ST2, Door stop with manual hold-open
- ST3, Door propped open
- ST4, Door stop missing
- ST5, Door stop incorrectly installed
- ST6, Door stop damaged
- ST7, Door stop fasteners stripped, missing or broken
- ST8, Electromagnetic holder not functioning correctly
- ST9, Electromagnetic holder damaged
- ST10, Electromagnetic holder fasteners stripped, missing or broken
- ST11, Unacceptable quality/material/finish
- ST12, Protective material not removed
- ST13, Door stop does not match submittal
- ST14, Electromagnetic holder does not match submittal



Electric Strike

ES0, Electric strike not installed
ES1, Electric strike missing/damaged/incorrect application
ES2, Electric strike fastener(s) stripped, missing or broken
ES3, Non-fire rated electric strike
ES4, Electric strike not integrated with access control
ES5, Electric strike not integrated with fire alarm
ES6, Unacceptable quality/material/finish
ES7, Electric strike does not match submittal

Push/Pulls

PP0, Push/pull not installed
PP1, Missing/damaged/broken/installed incorrectly
PP2, Unacceptable quality/material/finish
PP3, Protective material not removed
PP4, Push/pull does not match submittal

Protection Plates & Trim

KP0, Protection plate not installed
KP1, Protection plate missing label
KP2, Protection plate fasteners stripped, missing or broken
KP3, Protective material not removed
KP4, Unacceptable quality/material/finish
KP5, Protection plate does not match submittal

Coordinators

CO0, Coordinator not installed
CO1, Coordinator missing/damaged
CO2, Coordinator fastener(s) stripped, missing or broken
CO3, Unacceptable quality/material/finish
CO4, Protective material not removed
CO5, Coordinator does not match submittal

Accessories

TH0, Threshold not installed
TH1, Threshold missing/damaged/installed incorrectly
TH2, Incorrect threshold
TH3, Threshold fasteners stripped, missing or broken
TH4, Threshold does not match submittal
GA0, Gasketing/astagal/door sweep/rain guard not installed
GA1, Gasketing/smoke seal missing/damaged/installed incorrectly
GA2, Incorrect gasketing/smoke seal installed
GA3, Gasketing/smoke seal fasteners stripped, missing or broken
GA4, Door sweep/bottom is missing/damaged
GA5, Incorrect door sweep/bottom installed
GA6, Door sweep/bottom fasteners stripped, missing or broken
GA7, Astragal/meeting stile(s) missing/damaged
GA8, Incorrect astragal/meeting stile(s)
GA9, Astragals/meeting stile(s) fasteners stripped, missing or broken
GA10, Protective material not removed
GA11, Gasketing/astagal/door sweep/rain guard does not match submittal
MI0, Accessory product not installed
MI1, Signage too large
MI2, Signage screwed/nailed to door
MI3, Door viewer missing/damaged/incorrect
MI4, Protective material not removed
MI5, Protective material not removed
MI6, Accessory product does not match submittal

Electronic Accessories & Controls

EA0, Electronic accessory or control product not installed
EA1, Missing/defective/incorrect
EA2, Not connected/commissioned
EA3, Incorrect system operation
EA4, Unacceptable quality/material/finish
EA5, Electronic accessory or control product does not match submittal

Other

OT-x, Reference Opening Detail Page

Building: Public Safety

Level: 1

Mark: PS28

Room: PS28

Secure Side



Description: 5' 7" x 7' 0" x 1 3/4" AL.AL2.M Aluminum AL.3F Aluminum

Hardware Set #: 95.95.95.95

Qty	Type	Description	Part Description
1	Electronic Control		Card/Wall Reader

Non-Secure Side



Building: Public Safety

Level: 1

Mark: PS29

Room: PS29

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.61.0CR1.1

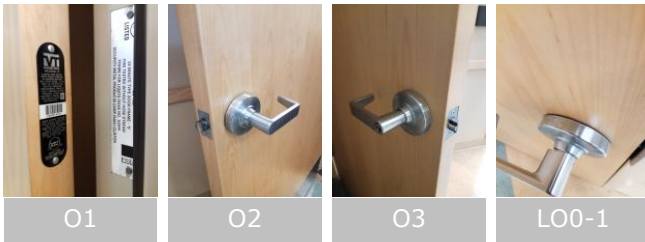
Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever Issue Code: LO0
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Issue Comments:

LO0: Lock missing/damaged/not securely fastened
Comments: loose trim
Issue Status: Non-Compliant



Building: Public Safety

Level: 1

Mark: PS27

Room: PS27

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

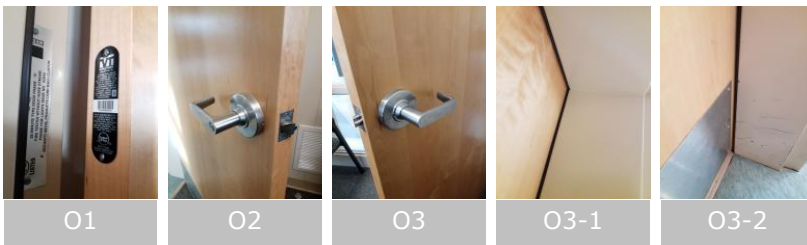
Issue Codes: **O3**
Hardware Set #: 50.71.64.0CR1.1

Qty	Type Description	Part Description
1	Hinge	Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge	Full Mortise - 4-1/2"x4" - 3K
1	Lockset	Cylindrical - Electrified - Fail Secure - Lever
1	Closer	Surface - Pull Side - Regular
1	Electronic Control	Card/Wall Reader
1	Electronic Control	Door Contact

Non-Secure Side


Issue Comments:

O3: Door does not securely latch
 Comments: door slightly out of frame alignment top lock side. prevents fully closing.
 Issue Status: Non-Compliant



Building: Public Safety

Level: 1

Mark: PS25

Room: PS25

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Public Safety

Level: 1

Mark: PS23

Room: PS23

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side


Issue Comments:

OT: Card Reader

Comments: exterior reader not working

Issue Status: Non-Compliant



O1



O2



O3



OT-1

Building: Public Safety

Level: 1

Mark: PS21

Room: PS21

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Public Safety

Level: 1

Mark: PS33

Room: PS33

Secure Side

Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Issue Codes: **O2**
Hardware Set #: 55.38.61.0

Qty Type Description

3 Hinge

1 Lockset

1 Closer

Part Description

Full Mortise - 4-1/2"x4" - 3K

 Cylindrical - Non-Electrified - Class
Security - Lever

Surface - Push Side - Parallel



Non-Secure Side


Issue Comments:

 O2: Door does not close completely
Comments: closer adjustments needed.
Issue Status: Non-Compliant


O1



O2



O3



O2-1

Building: Public Safety

Level: 1

Mark: PS31

Room: PS31

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Issue Codes: **O2**
Hardware Set #: 55.38.61.0

Qty Type Description

3 Hinge

1 Lockset

1 Closer

Part Description

Full Mortise - 4-1/2"x4" - 3K

 Cylindrical - Non-Electrified - Class
Security - Lever

Surface - Push Side - Parallel

Non-Secure Side


Issue Comments:

 O2: Door does not close completely
Comments: closer adjustments needed.
Issue Status: Non-Compliant


O1



O2



O3



O2-1

Building: Public Safety

Level: 1

Mark: PS21A

Room: PS21A

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.61.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Public Safety

Level: 1

Mark: PS21B

Room: PS21B

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.74.61.1CR

Qty	Type Description	Part Description
1	Continuous Hinge	Pin & Barrel
1	Power Transfer	Concealed
1	Exit Device	Rim - Nightlatch - Pull - Electronic Latch Retraction
1	Closer	Surface - Push Side - Parallel
1	Electronic Control	Card/Wall Reader
1	Electronic Control	Door Contact

Non-Secure Side



O1



O2



O3

Building: Public Safety

Level: 1

Mark: PS17

Room: PS17

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.61.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever Issue Code: LO0
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader Issue Code: OT
1	Electronic Control		Door Contact

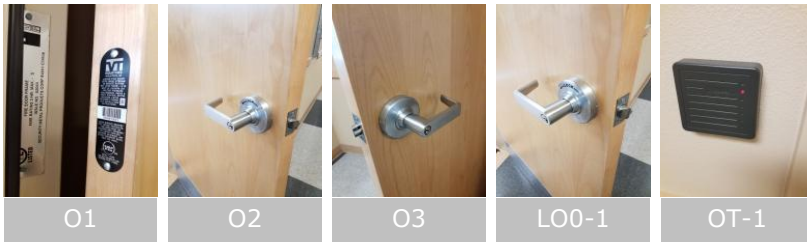
Non-Secure Side



Issue Comments:

LO0: Lock missing/damaged/not securely fastened
 Comments: incorrect lock installed. classroom security non electrified installed.
 should be electrified fail secure.
 Issue Status: Non-Compliant

OT: Card Reader
 Comments: not integrated to lock, non electrified lock installed.
 Issue Status: Non-Compliant



Building: Public Safety

Level: 1

Mark: PS15

Room: PS15

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 55.38.64.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Class Security - Lever
1	Closer		Surface - Pull Side - Regular

Non-Secure Side



Building: Public Safety

Level: 1

Mark: PS15D

Room: PS15D

Secure Side

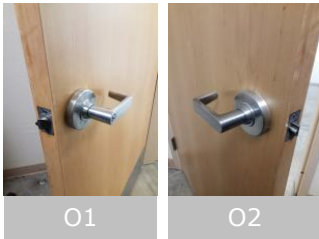


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



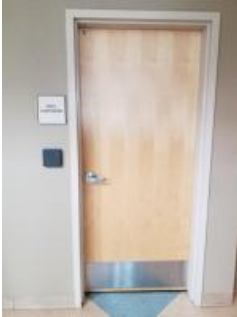
Building: Public Safety

Level: 1

Mark: PS13

Room: PS13

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Public Safety

Level: 1

Mark: PS11D

Room: PS11D

Secure Side

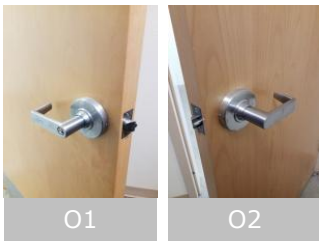


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Public Safety

Level: 1

Mark: PS11

Room: PS11

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 55.38.64.0

Qty Type Description

3 Hinge

1 Lockset

1 Closer

Part Description

Full Mortise - 4-1/2"x4" - 3K

Cylindrical - Non-Electrified - Class
Security - Lever

Surface - Pull Side - Regular

Non-Secure Side



O1



O2



O3

Building: Public Safety

Level: 1

Mark: PS30

Room: PS30

Secure Side

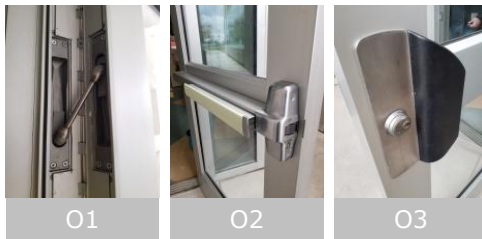


Description: 3' 0" x 7' 0" x 1 3/4" AL.AL2.W Aluminum AL.3F Aluminum

Hardware Set #: 00.74.61.1CR

Qty	Type	Description	Part Description
1	Continuous Hinge		Geared Aluminum
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Pull - Electronic Latch Retraction
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Public Safety

Level: 1

Mark: PS12B

Room: PS12

Secure Side



Description: 6' 0" x 7' 0" x 1 3/4" HM.FG2 Hollow Metal HM.3F.D Hollow Metal FR-20

Hardware Set #: 40.0410.41.1CR2

Qty	Type	Description	Part Description
2	Continuous Hinge		Pin & Barrel
2	Power Transfer		Concealed
1	Mullion		Steel Mullion - Removable - Lockable
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Exit Device		Rim - Exit Only
2	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader

Non-Secure Side



O1



O2



O3



O4

Building: Public Safety

Level: 1

Mark: PS12C

Room: PS12

Secure Side



Description: 6' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal

Hardware Set #: 40.0410.41.0CR1

Qty	Type	Description	Part Description
6	Hinge		Full Mortise - 4-1/2"x4" - 3K
2	Power Transfer		Concealed
1	Mullion		Steel Mullion - Removable - Lockable
1	Exit Device		Rim - Exit Only
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Retraction
2	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader

Non-Secure Side



O1



O2



O3



O4



O5

Building: Public Safety

Level: 1

Mark: PS10

Room: PS10

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal

Hardware Set #: 50.74.61.1CR

Qty	Type	Description	Part Description
1	Continuous Hinge		Pin & Barrel
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Pull - Electronic Latch Retraction
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2

Building: Public Safety

Level: 1

Mark: PS12A

Room: PS12A

Secure Side


Description: 6' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-60

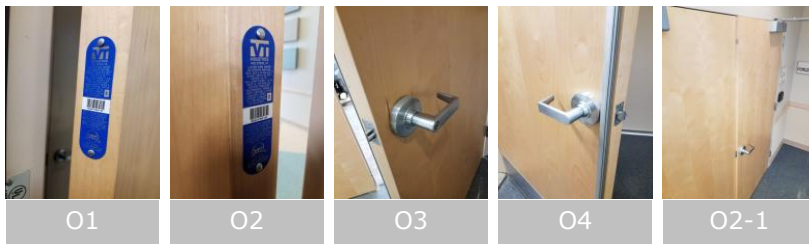
Issue Codes: **O2**
Hardware Set #: 50.71.24.0CR1

Qty	Type Description	Part Description
1	Hinge	Full Mortise - 4-1/2"x4" - 3K - Electrified
5	Hinge	Full Mortise - 4-1/2"x4" - 3K
1	Lockset	Cylindrical - Electrified - Fail Secure - Lever
2	Closer	Surface - Pull Side - Regular
1	Electronic Control	Card/Wall Reader
2	Electronic Control	Door Contact

Non-Secure Side


Issue Comments:

O2: Door does not close completely
 Comments: jamming between doors. constant latches binding with door.
 Issue Status: Non-Compliant



Building: Public Safety

Level: 1

Mark: PS14

Room: PS14

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.M Hollow Metal FR-20

Hardware Set #: 50.71.71.3CR2

Qty	Type	Description	Part Description
1	Power Transfer		Concealed
3	Pivot		Pivot - Heavy Duty
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Public Safety

Level: 1

Mark: PS16

Room: PS16

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.M Hollow Metal FR-20

Hardware Set #: 50.71.64.3CR2

Qty	Type	Description	Part Description
1	Power Transfer		Concealed
3	Pivot		Pivot - Heavy Duty
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever Issue Code: LO0
1	Closer		Surface - Pull Side - Regular
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Issue Comments:

LO0: Lock missing/damaged/not securely fastened
 Comments: not surely fastened.
 Issue Status: Non-Compliant



Building: Public Safety

Level: 1

Mark: PS18A

Room: PS18

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CR

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



Building: Public Safety

Level: 1

Mark: PS18B

Room: PS18

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Public Safety

Level: 1

Mark: PS22

Room: PS22

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Public Safety

Level: 1

Mark: PS22A

Room: PS22A

Secure Side

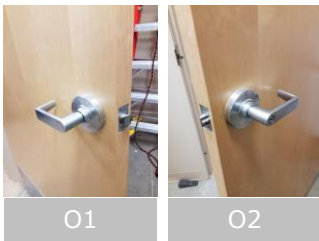


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Public Safety

Level: 1

Mark: PS34

Room: PS34

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 55.67.64.0

Qty Type Description

3 Hinge

1 Lockset

1 Closer

Part Description

Full Mortise - 4-1/2"x4" - 3K

Mortise - Non-Electrified - Privacy (F02) - Lever - Indicator - Integrated DB

Surface - Pull Side - Regular

Non-Secure Side



O1



O2



O3

Building: Public Safety

Level: 1

Mark: PS36

Room: PS36

Secure Side

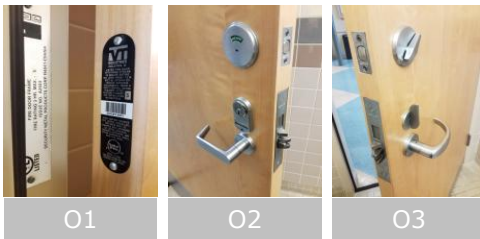


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 55.6703.64.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Deadbolt - Cylindrical - Thumbturn only - Privacy Indicator
1	Lockset		Mortise - Non-Electrified - Privacy (F02) - Lever - Indicator - Integrated DB
1	Closer		Surface - Pull Side - Regular

Non-Secure Side



Building: Public Safety

Level: 1

Mark: PS24

Room: PS24

Secure Side

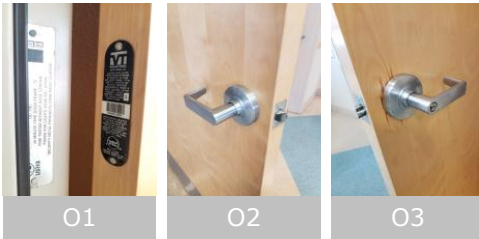


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.61.0CR2.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Public Safety

Level: 1

Mark: PS24A

Room: PS24A

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2

Building: Public Safety

Level: 1

Mark: PS24B

Room: PS24B

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular Issue Code: CL6
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Issue Comments:

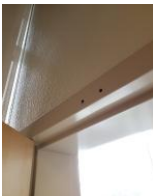
CL6: Closer not securley fastened
Comments: arm disconnected.
Issue Status: Non-Compliant



O1



O2



CL6-1

Building: Public Safety

Level: 1

Mark: PS24C

Room: PS24C

Secure Side

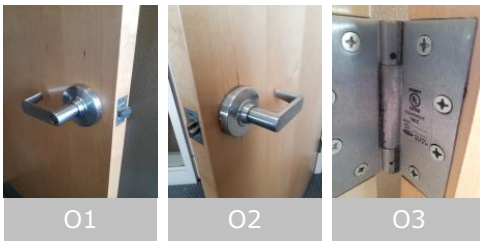


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Vocational Ed

Level: 1

Mark: V107

Room: 107

Secure Side



Description: 6' 0" x 7' 0" x 1 3/4" AL.AL2.M Aluminum AL.3F Aluminum

Hardware Set #: 00.0411.21.1KP

Qty	Type	Description	Part Description
2	Continuous Hinge		Geared Aluminum
2	Power Transfer		Concealed
1	Exit Device		Concealed Vertical Rod - Nightlatch - Pull - Electronic Latch Retraction
1	Exit Device		Concealed Vertical Rod - Exit Only - Pull - Electronic Latch Retraction
2	Closer		Surface - Push Side - Parallel
2	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



01



02



03

Building: Vocational Ed

Level: 1

Mark: V106A

Room: 106

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CRKP

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



O1



O2



O3

Building: Vocational Ed

Level: 1

Mark: V106B

Room: 106

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CR

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



O1



O2



O3

Building: Vocational Ed

Level: 1

Mark: V105A

Room: 105

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CRKP

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



Building: Vocational Ed

Level: 1

Mark: V105B

Room: 105

Secure Side

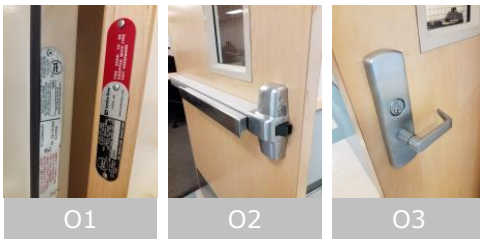


Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CR

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



Building: Vocational Ed

Level: 1

Mark: V104A

Room: 104

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CRKP

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



O1



O2



O3

Building: Vocational Ed

Level: 1

Mark: V104B

Room: 104

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CR

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



O1



O2



O3

Building: Vocational Ed

Level: 1

Mark: V101

Room: 101

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 55.37.64.0

Qty Type Description

- 3 Hinge
- 1 Lockset
- 1 Closer

Part Description

- Full Mortise - 4-1/2"x4" - 3K
- Cylindrical - Non-Electrified - Class (F84) - Lever
- Surface - Pull Side - Regular

Non-Secure Side



O1



O2



O3



O4

Building: Vocational Ed

Level: 1

Mark: V102

Room: 102

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 55.37.64.0

Qty Type Description

3 Hinge

1 Lockset

1 Closer

Part Description

Full Mortise - 4-1/2"x4" - 3K

Cylindrical - Non-Electrified - Class (F84) - Lever

Surface - Pull Side - Regular

Non-Secure Side



O1



O2



O3



O4

Building: Vocational Ed

Level: 1

Mark: V103

Room: 103

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 55.04.61.0

Qty Type Description

3 Hinge

1 Lockset

1 Closer

Part Description

Full Mortise - 4-1/2"x4" - 3K

Cylindrical - Non-Electrified - Store (F86) - Lever

Surface - Push Side - Parallel

Non-Secure Side



01



02



03



04

Building: Vocational Ed

Level: 1

Mark: V100

Room: 100

Secure Side



Description: 6' 0" x 8' 0" x 1 3/4" AL.AL2.M Aluminum AL.3F Aluminum

Hardware Set #: 00.0411.21.1CRM

Qty	Type	Description	Part Description
2	Continuous Hinge		Geared Aluminum
2	Power Transfer		Concealed
1	Exit Device		Concealed Vertical Rod - Nightlatch - Pull - Electronic Latch Retraction
1	Exit Device		Concealed Vertical Rod - Exit Only - Pull - Electronic Latch Retraction
2	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
2	Electronic Control		Door Contact
1	Electronic Control		Motion Sensor

Non-Secure Side



01



02



03



04

Building: Vocational Ed

Level: 1

Mark: V123

Room: 123

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.61.0CR2

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Track
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact
1	Electronic Control		Motion Sensor
1	Electronic Control		Card Reader/Keypad

Non-Secure Side


Opening Remarks:

frame rated but not door.



01



02



03



04

Building: Vocational Ed

Level: 1

Mark: V124

Room: 124

Secure Side

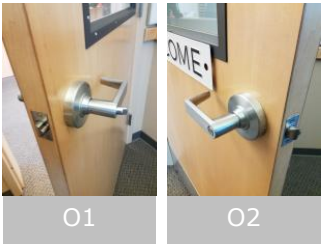
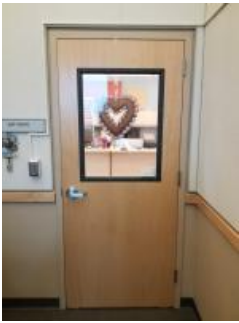
Description: 3' 0" x 7' 0" x 1 3/4" WD.G Wood HM.3F.D Hollow Metal

Hardware Set #: 55.05.50.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Ent/Off (F109) - Lever



Non-Secure Side



Building: Vocational Ed

Level: 1

Mark: V125

Room: 125

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 55.05.50.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Ent/Off (F109) - Lever

Non-Secure Side



O1



O2



O3

Building: Vocational Ed

Level: 1

Mark: V121

Room: 121

Secure Side

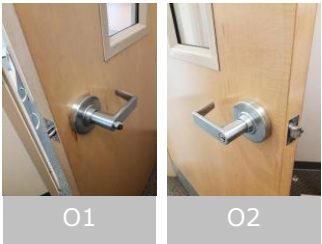
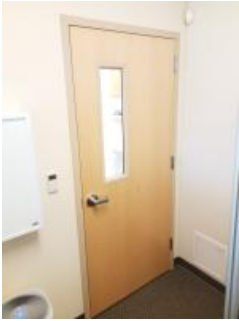


Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal

Hardware Set #: 55.05.50.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Ent/Off (F109) - Lever

Non-Secure Side



Building: Vocational Ed

Level: 1

Mark: V120

Room: 120

Secure Side

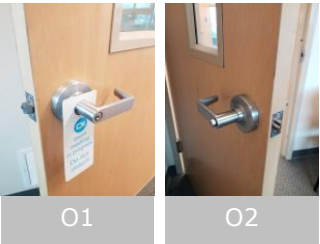


Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal

Hardware Set #: 55.05.50.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Ent/Off (F109) - Lever

Non-Secure Side



Building: Vocational Ed

Level: 1

Mark: V119

Room: 119

Secure Side

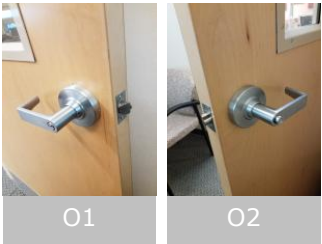


Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal

Hardware Set #: 55.05.50.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Ent/Off (F109) - Lever

Non-Secure Side



Building: Vocational Ed

Level: 1

Mark: V118

Room: 118

Secure Side

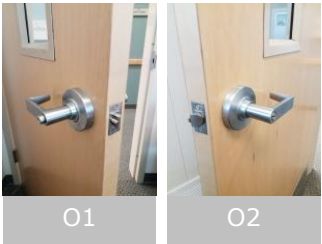


Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal

Hardware Set #: 55.05.50.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Ent/Off (F109) - Lever

Non-Secure Side



Building: Vocational Ed

Level: 1

Mark: V116

Room: 116

Secure Side

Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal

Issue Codes: **F2**

Hardware Set #: 55.05.50.0

Qty Type Description

3 Hinge

1 Lockset

Part Description

Full Mortise - 4-1/2"x4" - 3K

Cylindrical - Non-Electrified -
Ent/Off (F109) - Lever



Non-Secure Side



Issue Comments:

F2: Damaged/rust through on frame

Comments: damaged top hinge.

Issue Status: Non-Compliant



O1



O2



F2-1

Building: Vocational Ed

Level: 1

Mark: V115

Room: 115

Secure Side

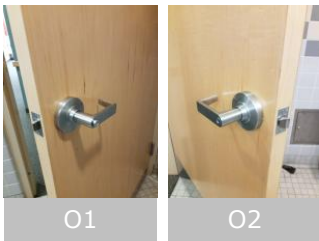


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 55.65.64.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Privacy (F76) - Lever
1	Closer		Surface - Pull Side - Regular

Non-Secure Side



Building: Vocational Ed

Level: 1

Mark: V114

Room: 114

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 55.65.64.0

Qty Type Description

3 Hinge

1 Lockset

1 Closer

Part Description

Full Mortise - 4-1/2"x4" - 3K

Cylindrical - Non-Electrified -
Privacy (F76) - Lever

Issue Code: LO0

Surface - Pull Side - Regular

Non-Secure Side



Issue Comments:

LO0: Lock missing/damaged/not securely fastened

Comments: not secure/loose trim.

Issue Status: Non-Compliant



O1



O2



LO0-1

Building: Vocational Ed

Level: 1

Mark: V117

Room: 117

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal

Hardware Set #: 55.95.50.0

Qty Type Description

3 Hinge

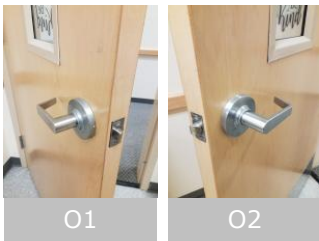
1 Lockset

Part Description

Full Mortise - 4-1/2"x4" - 3K

Cylindrical - Non-Electrified -
Passage (F75) - Lever

Non-Secure Side



Building: Vocational Ed

Level: 1

Mark: V113

Room: 113

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.61.0KP

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Motion Sensor
1	Electronic Control		Card Reader/Keypad Issue Code: OT

Non-Secure Side


Issue Comments:

OT: Card Reader

Comments: not functioning. No access.

Issue Status: Non-Compliant



O1



O2



O3



O4



O5

Building: Vocational Ed

Level: 1

Mark: V112A

Room: 112

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CRKP

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed Issue Code: OT
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader Issue Code: OT
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



Opening Remarks:

Dual card readers in classrooms. inside CR releases latches on both openings.

Issue Comments:

OT: Card Reader

Comments: not working. should unlock both classroom doors.

Issue Status: Non-Compliant

OT: Power Transfer

Comments: damaged. wires exposed.

Issue Status: Non-Compliant



O1



O2



O3



O4



OT-1



OT-1

Building: Vocational Ed

Level: 1

Mark: V112B

Room: 112

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CR

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



O1



O2

Building: Vocational Ed

Level: 1

Mark: V109

Room: 109

Secure Side



Description: 4' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal FR-60

Hardware Set #: 55.37.64.1

Qty	Type	Description	Part Description
1	Continuous Hinge		Pin & Barrel
1	Lockset		Cylindrical - Non-Electrified - Class (F84) - Lever
1	Closer		Surface - Pull Side - Regular

Non-Secure Side



O1



O2



O3

Building: Vocational Ed

Level: 1

Mark: V110A

Room: 110

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 55.37.64.0

Qty Type Description

3 Hinge

1 Lockset

1 Closer

Part Description

Full Mortise - 4-1/2"x4" - 3K

Cylindrical - Non-Electrified - Class (F84) - Lever

Surface - Pull Side - Regular

Non-Secure Side



O1



O2

Building: Vocational Ed

Level: 1

Mark: V110B

Room: 110

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal FR-60

Issue Codes: **O2**

Hardware Set #: 55.37.64.0

Qty Type Description

3 Hinge

1 Lockset

1 Closer

Part Description

Full Mortise - 4-1/2"x4" - 3K

Cylindrical - Non-Electrified - Class (F84) - Lever

Issue Code: LO1

Surface - Pull Side - Regular

Non-Secure Side



Issue Comments:

LO1: Lock missing/damaged/not securely fastened

Comments: loose trim

Issue Status: Non-Compliant

O2: Door does not close completely

Comments: rubbing frame lock side.

Issue Status: Non-Compliant



O1



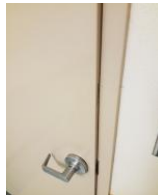
O2



O3



O4



O2-1



O2-2



LO1-1

Building: Vocational Ed

Level: 1

Mark: V111

Room: 111

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal FR-60

Hardware Set #: 55.37.64.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Class (F84) - Lever
1	Closer		Surface - Pull Side - Regular

Non-Secure Side



01



02



03



04



Building: Vocational Ed

Level: 1

Mark: V108A

Room: 108

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-60

Hardware Set #: 50.74.71.0CRKP

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



O1



O2



O3

Building: Vocational Ed

Level: 1

Mark: V108B

Room: 108

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-60

Hardware Set #: 50.74.71.0CR

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



O1



O2



O3

Building: Vocational Ed

Level: 1

Mark: V126A

Room: 126

Secure Side



Description: 3' 3" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-60

Hardware Set #: 55.95.64.0

Qty Type Description

3 Hinge

1 Lockset

1 Closer

Part Description

Full Mortise - 4-1/2"x4" - 3K

Mortise - Non-Electrified - Passage
(F01) - Lever

Issue Code: L00

Surface - Pull Side - Regular

Non-Secure Side



Issue Comments:

L00: Lock missing/damaged/not securely fastened

Comments: loose trim.

Issue Status: Non-Compliant



O1



O2



O3



O4



L00-1

Building: Education

Level: 1

Mark: E44

Room: PS28

Secure Side

Description: 5' 7" x 7' 0" x 1 3/4" AL.AL2.M Aluminum HM.3F.D Hollow Metal

Hardware Set #: 95.95.95.95

Qty	Type	Description	Part Description
1		Electronic Control	Card/Wall Reader



Non-Secure Side



Building: Education

Level: 1

Mark: E37A

Room: E37

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E37B

Room: E37

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CR

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E37C

Room: E37

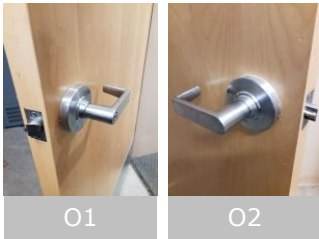
Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Education

Level: 1

Mark: E39

Room: E39

Secure Side

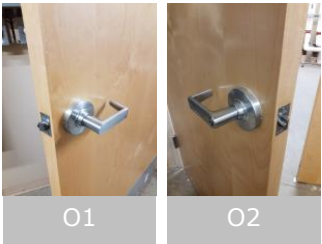


Description: 6' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.21.0CR1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
5	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
2	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
2	Electronic Control		Door Contact

Non-Secure Side



Building: Education

Level: 1

Mark: E41

Room: E41

Secure Side



Description: 6' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.M Hollow Metal

Hardware Set #: 50.71.21.0CR1.MO

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
5	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Mortise - Electrified - Fail Secure - Lever
2	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
2	Electronic Control		Door Contact

Non-Secure Side



01



02



03

Building: Education

Level: 1

Mark: E43

Room: E43

Secure Side

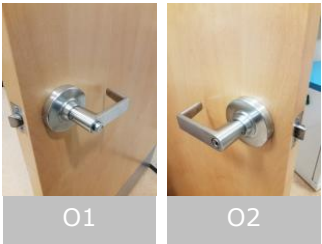


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 55.65.61.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Privacy (F76) - Lever
1	Closer		Surface - Push Side - Parallel

Non-Secure Side



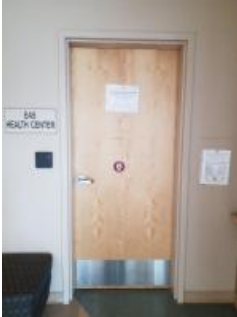
Building: Education

Level: 1

Mark: E45A

Room: E45

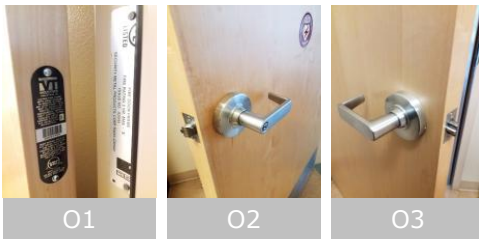
Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Education

Level: 1

Mark: E45B

Room: E45

Secure Side

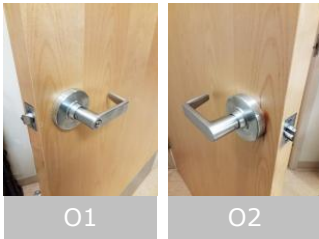


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.61.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Education

Level: 1

Mark: E47

Room: E47

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.61.0CR2.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E51

Room: E51

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 55.65.64.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Privacy (F76) - Lever
1	Closer		Surface - Pull Side - Regular

Non-Secure Side



O1



O2

Building: Education

Level: 1

Mark: E53

Room: E53

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 55.65.64.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Privacy (F76) - Lever
1	Closer		Surface - Pull Side - Regular

Non-Secure Side



Building: Education

Level: 1

Mark: E55A

Room: E55

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2

Building: Education

Level: 1

Mark: E55B

Room: E55

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" AL.AL2.W Aluminum AL.3F Aluminum

Hardware Set #: 00.74.61.1CR

Qty	Type Description	Part Description
1	Continuous Hinge	Geared Aluminum
1	Power Transfer	Concealed
1	Exit Device	Rim - Nightlatch - Pull - Electronic Latch Retraction
1	Closer	Surface - Push Side - Parallel
1	Electronic Control	Card/Wall Reader
1	Electronic Control	Door Contact

Non-Secure Side



O1



O2

Building: Education

Level: 1

Mark: E61

Room: E61

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.61.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Education

Level: 1

Mark: E57

Room: E61

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.61.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E63A

Room: E63

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

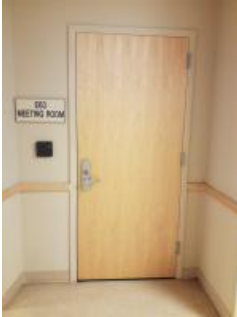
Building: Education

Level: 1

Mark: E63B

Room: E63

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CR

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



01



02



03



04

Building: Education

Level: 1

Mark: E65A

Room: E65

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E65B

Room: E65

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CR

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



01



02



03

Building: Education

Level: 1

Mark: E67A

Room: E67

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3



O4

Building: Education

Level: 1

Mark: E67B

Room: E67

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0CR

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E71

Room: E71

Secure Side

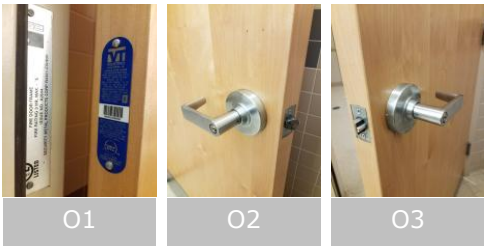


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-60

Hardware Set #: 55.38.64.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Class Security - Lever
1	Closer		Surface - Pull Side - Regular

Non-Secure Side



Building: Education

Level: 1

Mark: E73

Room: E73

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 55.38.64.0

Qty Type Description

- 3 Hinge
- 1 Lockset
- 1 Closer

Part Description

- Full Mortise - 4-1/2"x4" - 3K
- Cylindrical - Non-Electrified - Class Security - Lever
- Surface - Pull Side - Regular

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E75A

Room: E75

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-60

Hardware Set #: 50.71.61.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E75B

Room: E75

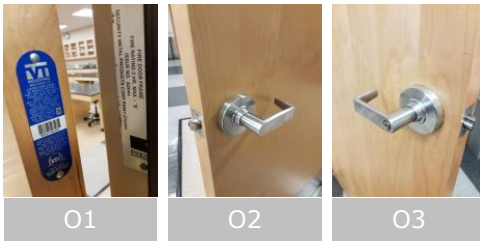
Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-60

Hardware Set #: 50.71.61.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Education

Level: 1

Mark: E77A

Room: E77

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-60

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E77B

Room: E77

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal FR-60

Hardware Set #: 50.74.71.0CR

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E48

Room: E48

Secure Side

Description: 5' 7" x 7' 0" x 1 3/4" AL.AL2.M Aluminum HM.3F.D Hollow Metal

Hardware Set #: 95.95.95.95

Qty	Type	Description	Part Description
1		Electronic Control	Card/Wall Reader



Non-Secure Side



Building: Education

Level: 1

Mark: E80

Room: E80

Secure Side


Description: 6' 0" x 7' 0" x 1 3/4" WD.G Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 40.0410.41.0CR1

Qty	Type	Description	Part Description
6	Hinge		Full Mortise - 4-1/2"x4" - 3K
2	Power Transfer		Concealed
1	Mullion		Steel Mullion - Removable - Lockable
1	Exit Device		Rim - Exit Only
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Retraction
2	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader

Non-Secure Side



01



02



03



04

Building: Education

Level: 1

Mark: E84A

Room: E84A

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side


Issue Comments:

OT: Card Reader

Comments: inside reader not unlocking door.

Issue Status: Non-Compliant



O1



O2



O3



OT-1

Building: Education

Level: 1

Mark: E82

Room: E82

Secure Side


Description: 6' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.21.0CR1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
5	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
2	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
2	Electronic Control		Door Contact

Non-Secure Side



01



02



03

Building: Education

Level: 1

Mark: E84B

Room: E84

Secure Side

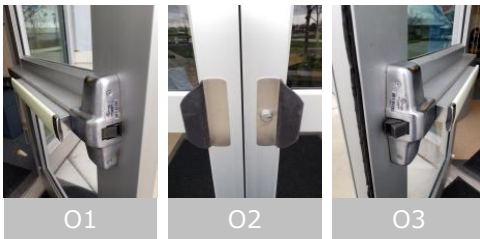


Description: 6' 0" x 7' 0" x 1 3/4" AL.AL2.W Aluminum AL.3F Aluminum

Hardware Set #: 40.0410.41.1.1CR1

Qty	Type	Description	Part Description
2	Continuous Hinge		Geared Aluminum
2	Power Transfer		Concealed
1	Mullion		Steel Mullion - Removable - Lockable
1	Exit Device		Rim - Exit Only
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Retraction
2	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader

Non-Secure Side



Building: Education

Level: 1

Mark: E84C

Room: E84

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal

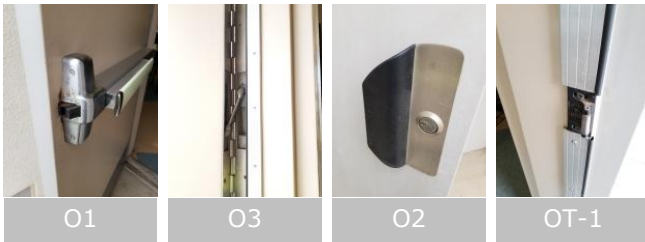
Hardware Set #: 50.74.61.1CR

Qty	Type	Description	Part Description
1	Continuous Hinge		Pin & Barrel
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Pull - Electronic Latch Retraction Issue Code: OT
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side


Issue Comments:

OT: Exit Device
 Comments: roller strike loose.
 Issue Status: Non-Compliant



Building: Education

Level: 1

Mark: E78

Room: E78

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" AL.AL2.W Aluminum AL.3F Aluminum

Hardware Set #: 00.74.61.1CR

Qty	Type Description	Part Description
1	Continuous Hinge	Geared Aluminum
1	Power Transfer	Concealed
1	Exit Device	Rim - Nightlatch - Pull - Electronic Latch Retraction
1	Closer	Surface - Push Side - Parallel
1	Electronic Control	Card/Wall Reader
1	Electronic Control	Door Contact

Non-Secure Side



O1



O2



Building: Education

Level: 1

Mark: E72A

Room: E72A

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-60

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E72AA

Room: E72A

Secure Side



Description: 6' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal

Hardware Set #: 40.0410.41.1CR1

Qty	Type	Description	Part Description
2	Continuous Hinge		Pin & Barrel
2	Power Transfer		Concealed
1	Mullion		Steel Mullion - Removable - Lockable
1	Exit Device		Rim - Exit Only
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Retraction
2	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader

Non-Secure Side



O1



O2

Building: Education

Level: 1

Mark: E72B

Room: E72B

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-60

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



01



02



03

Building: Education

Level: 1

Mark: E72C

Room: E72C

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-60

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side


Issue Comments:

OT: Card Reader

Comments: inside reader not locking door.

Issue Status: Non-Compliant



Building: Education

Level: 1

Mark: E72

Room: E72

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-60

Hardware Set #: 50.74.71.0.1CR2

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Power Transfer		Concealed
1	Exit Device		Rim - Nightlatch - Lever - Electronic Latch Release
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side


Issue Comments:

OT: Card Reader

Comments: Outside reader not working

Issue Status: Non-Compliant



O1



O2



O3



O4



O5



O6



OT-1

Building: Education

Level: 1

Mark: E74

Room: E74

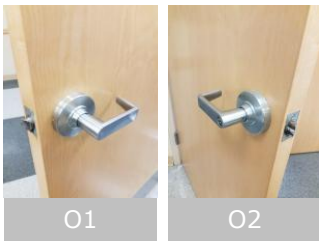
Secure Side


Description: 6' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.21.0CR1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
5	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
2	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
2	Electronic Control		Door Contact

Non-Secure Side



Building: Education

Level: 1

Mark: E76

Room: E76

Secure Side


Description: 6' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.21.0CR1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
5	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
2	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader Issue Code: OT
2	Electronic Control		Door Contact

Non-Secure Side


Issue Comments:

OT: Card Reader
 Comments: not working.
 Issue Status: Non-Compliant



O1



O2

Building: Education

Level: 1

Mark: E70

Room: E70

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" AL.AL2.W Aluminum AL.3F Aluminum

Hardware Set #: 00.74.61.1CR

Qty	Type Description	Part Description
1	Continuous Hinge	Geared Aluminum
1	Power Transfer	Concealed
1	Exit Device	Rim - Nightlatch - Pull - Electronic Latch Retraction
1	Closer	Surface - Push Side - Parallel
1	Electronic Control	Card/Wall Reader
1	Electronic Control	Door Contact

Non-Secure Side



O1



O2

Building: Education

Level: 1

Mark: E68

Room: E68

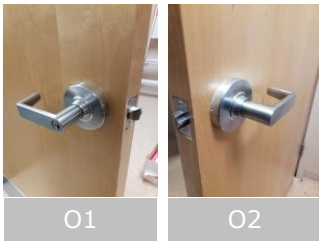
Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



Building: Education

Level: 1

Mark: E66

Room: E66

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.N Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.61.0CR2.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
2	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



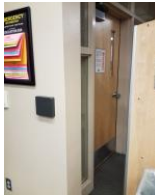
01



02



03



04

Building: Education

Level: 1

Mark: E50

Room: E50

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

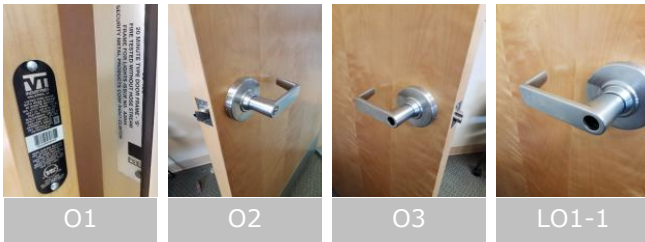
Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever Issue Code: LO1
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side


Issue Comments:

LO1: Lock missing/damaged/not securely fastened
 Comments: push button missing but not required
 Issue Status: Non-Compliant



Building: Education

Level: 1

Mark: E52

Room: E52

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



01



02



03

Building: Education

Level: 1

Mark: E54

Room: E54

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E56

Room: E56

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



01



02



03

Building: Education

Level: 1

Mark: E58

Room: E58

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E60

Room: E60

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E62

Room: E62

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2



O3

Building: Education

Level: 1

Mark: E64

Room: E64

Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



01



02



03

Building: Fire Storage

Level: 1

Mark: FT1

Room: FT1

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal

Hardware Set #: 20.71.61.0CR

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Mortise - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Card/Wall Reader
1	Electronic Control		Door Contact

Non-Secure Side



O1



O2

Building: Fire Storage

Level: 1

Mark: FT2

Room: FT2

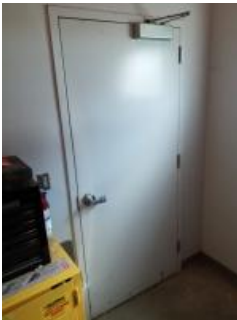
Secure Side


Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal

Hardware Set #: 50.71.64.0CR1.1

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Electrified - Fail Secure - Lever
1	Closer		Surface - Pull Side - Regular
1	Electronic Control		Card/Wall Reader Issue Code: OT
1	Electronic Control		Door Contact

Non-Secure Side


Issue Comments:

 OT: Card Reader
 Comments: not working
 Issue Status: Non-Compliant


01



02



03

Building: Warehouse

Level: 1

Mark: WH1

Room: WH1

Secure Side

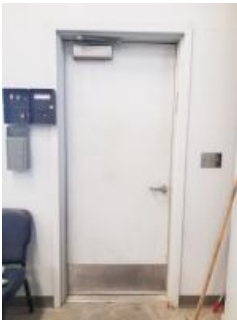


Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal

Hardware Set #: 20.71.61.0KP

Qty	Type	Description	Part Description
1	Hinge		Full Mortise - 4-1/2"x4" - 3K - Electrified
2	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Mortise - Electrified - Fail Secure - Lever
1	Closer		Surface - Push Side - Parallel
1	Electronic Control		Door Contact
1	Electronic Control		Card Reader/Keypad

Non-Secure Side



01



02



03



04

Building: Education
Expansion

Level: 1

Mark: E95

Room: E95

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal

Hardware Set #: 55.04.61.0

Qty Type Description

3 Hinge

1 Lockset

1 Closer

Part Description

Full Mortise - 4-1/2"x4" - 3K

Cylindrical - Non-Electrified - Store (F86) - Lever

Surface - Push Side - Parallel

Non-Secure Side



01

Building: Education
Expansion

Level: 1

Mark: E91A

Room: E91A

Secure Side



Description: 3' 0" x 6' 8" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 55.65.50.0

Qty Type Description

3 Hinge

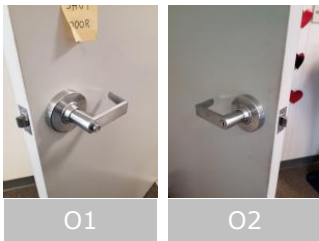
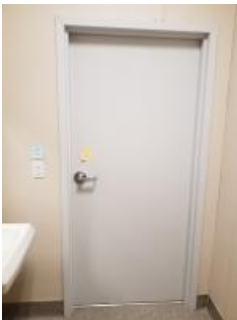
1 Lockset

Part Description

Full Mortise - 4-1/2"x4-1/2"

Cylindrical - Non-Electrified -
Privacy (F76) - Lever

Non-Secure Side



Building: Education
Expansion

Level: 1

Mark: E91B

Room: E91B

Secure Side



Description: 3' 0" x 6' 8" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 55.05.50.0.1

Qty Type Description

3 Hinge

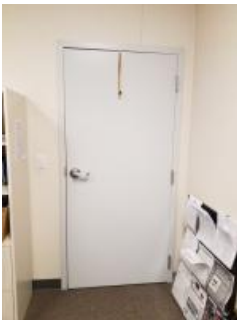
1 Lockset

Part Description

Full Mortise - 4-1/2"x4-1/2"

Cylindrical - Non-Electrified -
Ent/Off (F109) - Lever

Non-Secure Side



O1



O2

Building: Education
Expansion

Level: 1

Mark: E91

Room: E91

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal FR-180

Hardware Set #: 20.74.61.0CR2

Qty	Type Description	Part Description
3	Hinge	Full Mortise - 4-1/2"x4-1/2"
1	Power Transfer	Concealed
1	Exit Device	Rim - Nightlatch - Pull - Electronic Latch Retraction
1	Closer	Surface - Push Side - Parallel
2	Electronic Control	Card/Wall Reader
1	Electronic Control	Door Contact

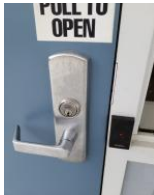
Non-Secure Side



01



02



03



04

Building: Education
Expansion

Level: 1

Mark: E92

Room: E92

Secure Side

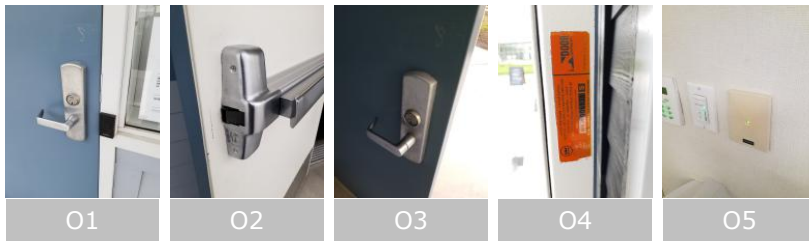


Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal FR-180

Hardware Set #: 20.74.61.0CR2

Qty	Type Description	Part Description
3	Hinge	Full Mortise - 4-1/2"x4-1/2"
1	Power Transfer	Concealed
1	Exit Device	Rim - Nightlatch - Pull - Electronic Latch Retraction
1	Closer	Surface - Push Side - Parallel
2	Electronic Control	Card/Wall Reader
1	Electronic Control	Door Contact

Non-Secure Side



Building: Education
Expansion

Level: 1

Mark: E93

Room: E93

Secure Side

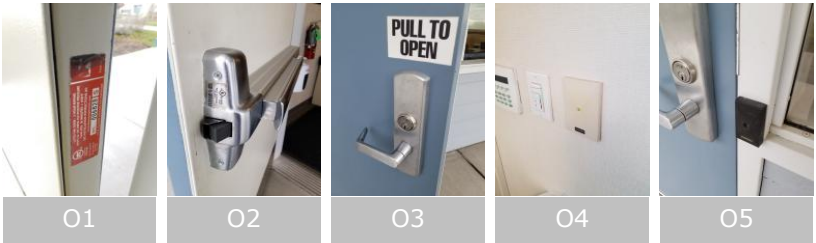


Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal FR-180

Hardware Set #: 20.74.61.0CR2

Qty	Type Description	Part Description
3	Hinge	Full Mortise - 4-1/2"x4-1/2"
1	Power Transfer	Concealed
1	Exit Device	Rim - Nightlatch - Pull - Electronic Latch Retraction
1	Closer	Surface - Push Side - Parallel
2	Electronic Control	Card/Wall Reader
1	Electronic Control	Door Contact

Non-Secure Side



Building: Education
Expansion

Level: 1

Mark: E94

Room: E94

Secure Side

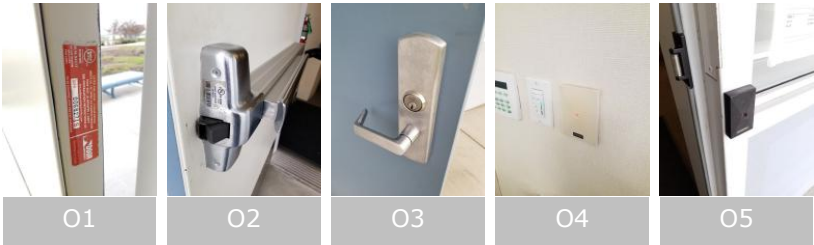


Description: 3' 0" x 7' 0" x 1 3/4" HM.F Hollow Metal HM.3F.D Hollow Metal FR-180

Hardware Set #: 20.74.61.0CR2

Qty	Type Description	Part Description
3	Hinge	Full Mortise - 4-1/2"x4-1/2"
1	Power Transfer	Concealed
1	Exit Device	Rim - Nightlatch - Pull - Electronic Latch Retraction
1	Closer	Surface - Push Side - Parallel
2	Electronic Control	Card/Wall Reader
1	Electronic Control	Door Contact

Non-Secure Side



Building: Vocational Ed

Level: 1

Mark: V125A

Room: 125

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal

Hardware Set #: 55.05.50.0.1

Qty Type Description

3 Hinge

1 Lockset

Part Description

Full Mortise - 4-1/2"x4-1/2"

Cylindrical - Non-Electrified -
Ent/Off (F109) - Lever

Non-Secure Side



O1



O2

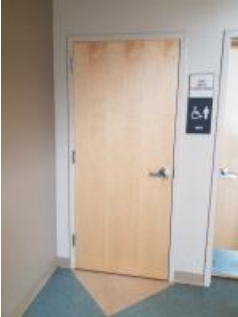
Building: Public Safety

Level: 1

Mark: PS15A

Room: PS15

Secure Side

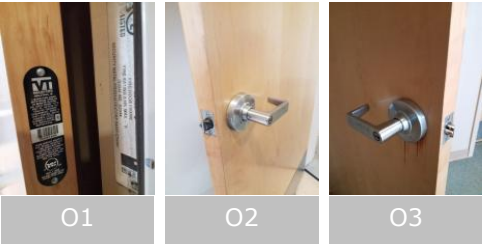


Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 55.38.61.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Class Security - Lever
1	Closer		Surface - Push Side - Parallel

Non-Secure Side



Building: Public Safety

Level: 1

Mark: PS11A

Room: PS11

Secure Side



Description: 3' 0" x 7' 0" x 1 3/4" WD.F Wood HM.3F.D Hollow Metal FR-20

Hardware Set #: 55.38.61.0

Qty	Type	Description	Part Description
3	Hinge		Full Mortise - 4-1/2"x4" - 3K
1	Lockset		Cylindrical - Non-Electrified - Class Security - Lever
1	Closer		Surface - Push Side - Parallel

Non-Secure Side



O1

Appendix B

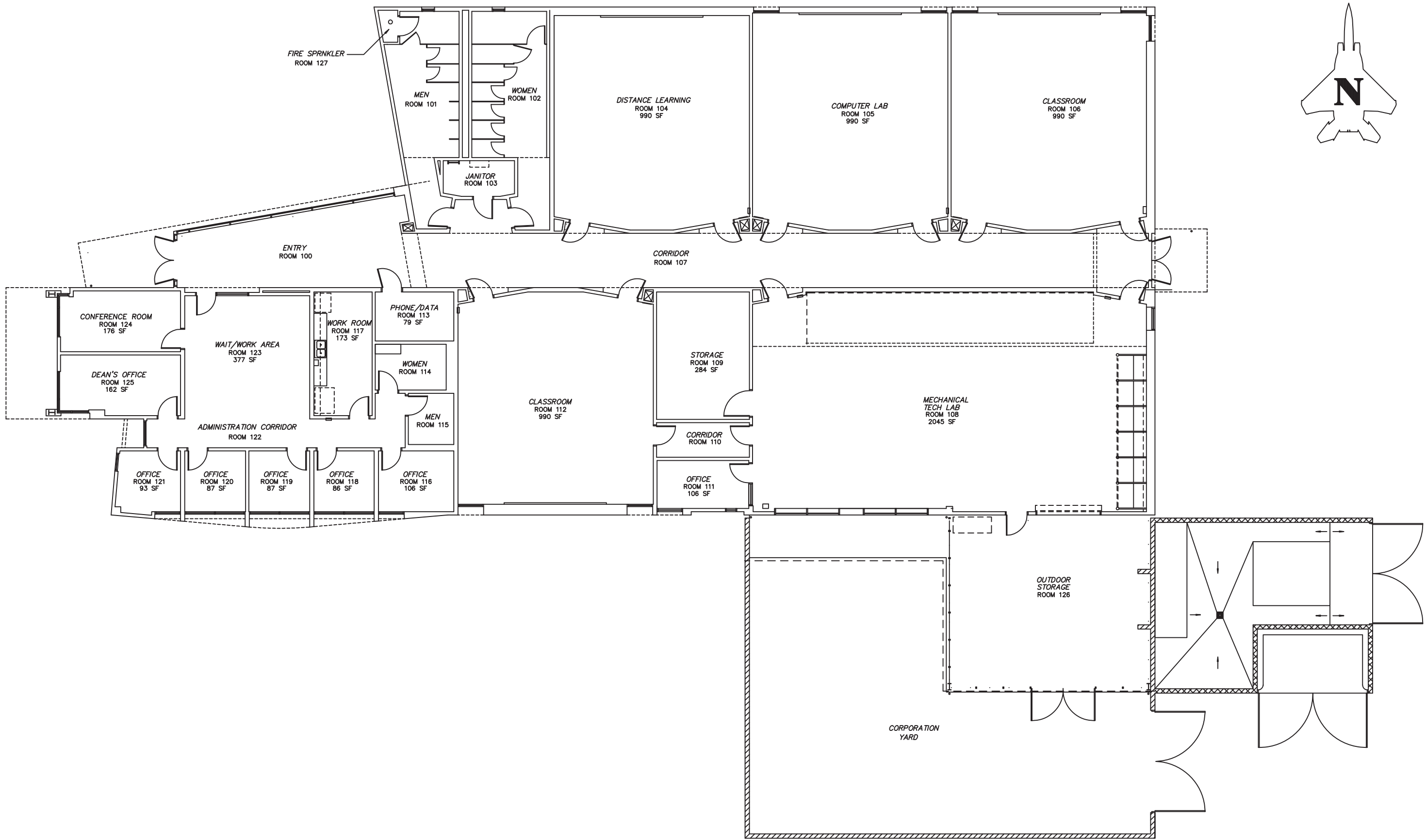
COS HANFORD CAMPUS BUILDING FLOOR PLANS

Education Building	
Bookstore	E66
Cafeteria/Student Lounge	E84
Computer Lab	E66
Health Center	E45
Library	E66
Math Lab	E65
Meeting Room	E63
Student Success Center	E65
Tutoring	E65
Writing Lab	E65

Public Safety Building	
Fire Academy Program	PS29
Gymnasium	PS12
Locker Room (Men)	PS15
Locker Room (Women)	PS11
Police Academy Program	PS24

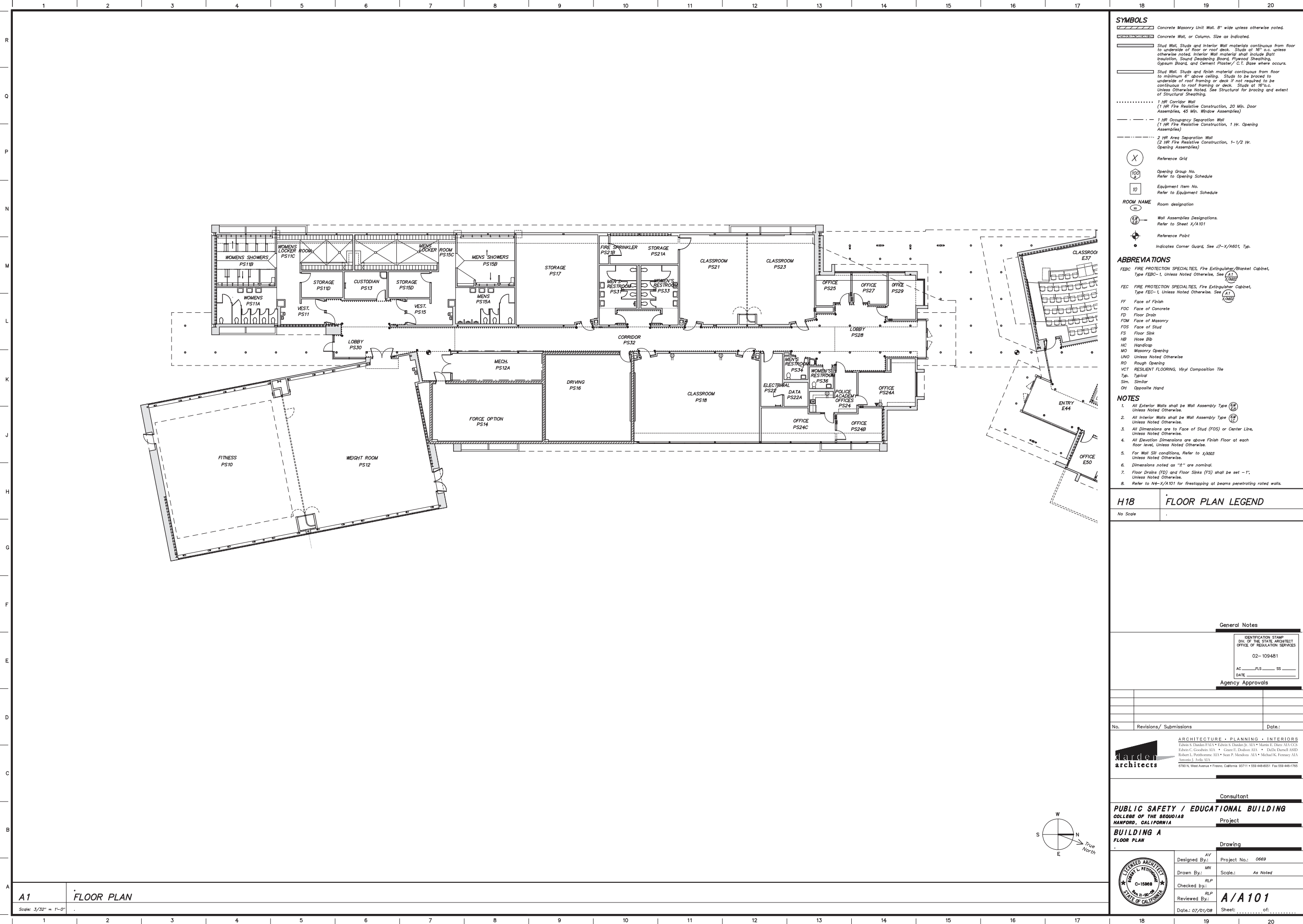
Vocational Ed Building	
Administration & HUB Office	123
Academic Counseling	
Admissions & Records	
Administration/Provost Office	
Cashier's Office	
District Police	
EOPS Counseling	
Financial Aid	
Student ID Cards	
Transit Sticker	





HANFORD VOCATIONAL EDUCATION-BUILDING NO. 60
925 N. 13th Avenue, Hanford, CA 93230

SCALE	DATE
NOT TO SCALE	09/11/08



- SYMBOLS**
- Concrete Masonry Unit Wall, 8" wide unless otherwise noted.
 - Concrete Wall, or Column. Size as Indicated.
 - Stud Wall. Studs and interior wall materials continuous from floor to underside of floor or roof deck. Studs at 16" o.c. unless otherwise noted. Interior wall material shall include Batt Insulation, Sound Densifying Board, Plywood Sheathing, Gypsum Board, and Cement Plaster/ C.T. Base where occurs.
 - Stud Wall. Studs and finish material continuous from floor to minimum 6" above ceiling. Studs to be braced to underside of roof framing or deck if not required to be continuous to roof framing or deck. Studs at 16" o.c. Unless Otherwise Noted. See Structural for bracing and extent of Structural Sheathing.
 - 1 Hr. Corridor Wall (1 Hr. Fire Resistive Construction, 20 Min. Door Assemblies, 45 Min. Window Assemblies)
 - 1 Hr. Occupancy Separation Wall (1 Hr. Fire Resistive Construction, 1 Hr. Opening Assemblies)
 - 2 Hr. Area Separation Wall (2 Hr. Fire Resistive Construction, 1-1/2 Hr. Opening Assemblies)
 - Reference Grid
 - Opening Group No. Refer to Opening Schedule
 - Equipment Item No. Refer to Equipment Schedule
 - Room Name Room designation
 - Wall Assemblies Designations. Refer to Sheet X/A101
 - Reference Point
 - Indicates Corner Guard. See J7-X/A501, Typ.

- ABBREVIATIONS**
- FEBC FIRE PROTECTION SPECIALTIES, Fire Extinguisher/Blanket Cabinet, Type FEBC-1, Unless Noted Otherwise. See (A1) X/A502
 - FEC FIRE PROTECTION SPECIALTIES, Fire Extinguisher Cabinet, Type FEC-1, Unless Noted Otherwise. See (A1) X/A503
 - FF Face of Finish
 - FC Face of Concrete
 - FD Floor Drain
 - FOM Face of Masonry
 - FOS Face of Stud
 - FS Floor Sisk
 - HB Hose Bib
 - HC Handicap
 - MO Masonry Opening
 - UNO Unless Noted Otherwise
 - RO Rough Opening
 - VCT RESILIENT FLOORING, Vinyl Composition Tile
 - Typ. Typical
 - Sim. Similar
 - OH Opposite Hand
- NOTES**
- All Exterior Walls shall be Wall Assembly Type (A1) Unless Noted Otherwise.
 - All Interior Walls shall be Wall Assembly Type (A1) Unless Noted Otherwise.
 - All Dimensions are to Face of Stud (FOS) or Center Line, Unless Noted Otherwise.
 - All Elevation Dimensions are above Finish Floor at each floor level, Unless Noted Otherwise.
 - For Wall Sill conditions, Refer to X/A503 Unless Noted Otherwise.
 - Dimensions noted as "±" are nominal.
 - Floor Drains (FD) and Floor Sinks (FS) shall be set -1". Unless Noted Otherwise.
 - Refer to N4-X/A101 for freestapping at beams penetrating rated walls.

H18 FLOOR PLAN LEGEND

No Scale

General Notes

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
02-109481
AC _____ FL _____ SS _____
DATE _____

Agency Approvals

No. Revisions/ Submissions Date:

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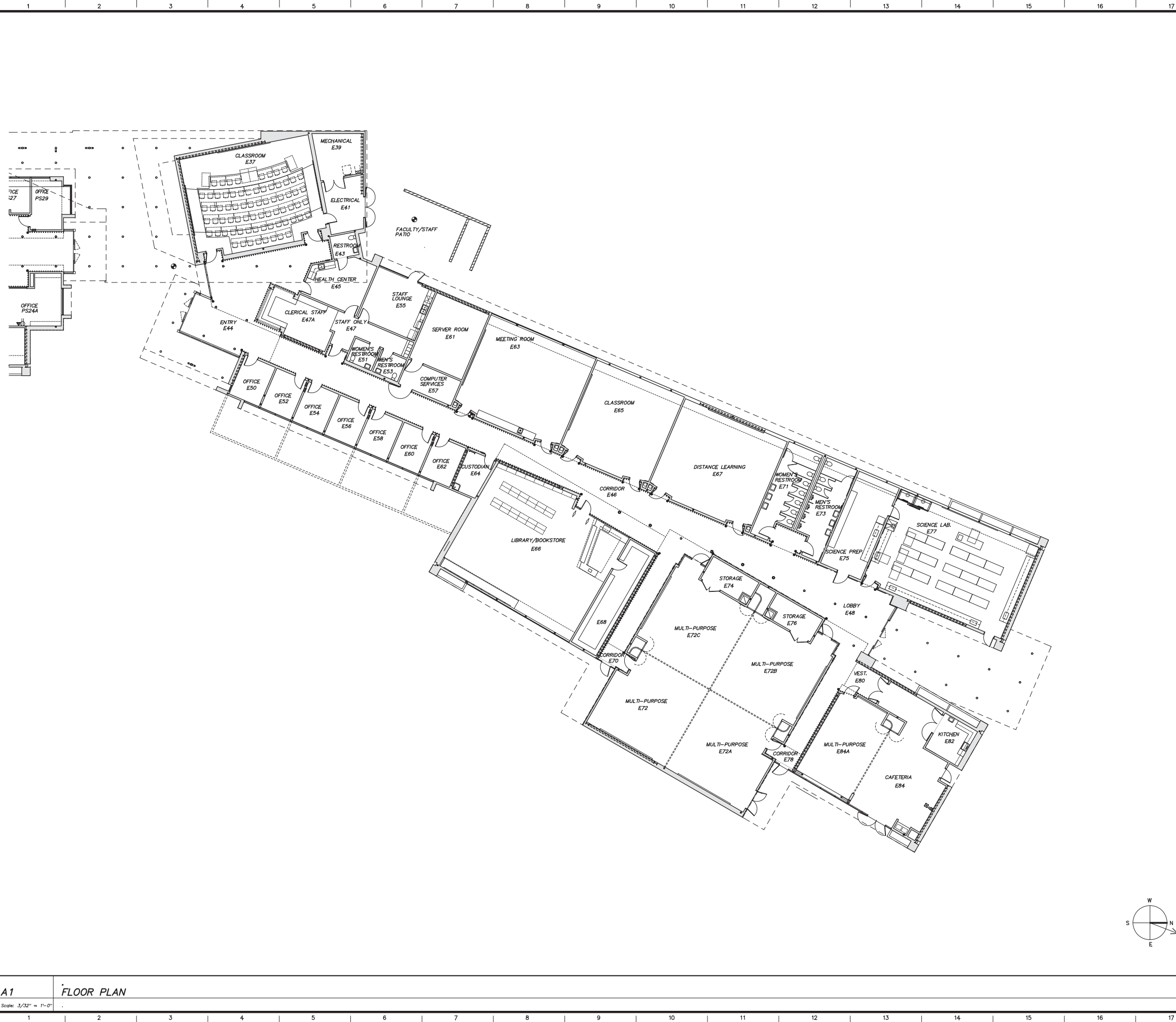
PUBLIC SAFETY / EDUCATIONAL BUILDING
COLLEGE OF THE SERRANOS
HAMPFORD, CALIFORNIA

BUILDING A
FLOOR PLAN

Drawing

Designed By: AV	Project No.: 0669
Drawn By: MN	Scale: As Noted
Checked By: RLP	
Reviewed By: RLP	
Date: 07/01/08	Sheet: of:





SYMBOLS

Concrete Masonry Unit Wall, 8" wide unless otherwise noted.

Concrete Wall, or Column. Size as indicated.

Stud Wall, Studs and interior wall materials continuous from floor to underside of floor or roof deck. Studs at 16" o.c. unless otherwise noted. Interior wall material shall include Batt Insulation, Sound Deadening Board, Plywood Sheathing, Gypsum Board, and Cement Plaster/ C.T. Base where occurs.

Stud Wall, Studs and finish material continuous from floor to minimum 6" above ceiling. Studs to be braced to underside of roof framing or deck if not required to be continuous to roof framing or deck. Studs at 16" o.c. Unless Otherwise Noted. See Structural for bracing and extent of Structural Sheathing.

1 HR Corridor Wall
(1 HR Fire Resistive Construction, 20 Min. Door Assemblies, 45 Min. Window Assemblies)

1 HR Fire Resistive Separation Wall
(1 HR Fire Resistive Construction, 1 Hr. Opening Assemblies)

2 HR Area Separation Wall
(2 HR Fire Resistive Construction, 1-1/2 Hr. Opening Assemblies)

Reference Grid

Opening Group No.
Refer to Opening Schedule

Equipment Item No.
Refer to Equipment Schedule

ROOM NAME
Room designation

Wall Assemblies Designations.
Refer to Sheet X/A101

Reference Point

Indicates Corner Guard. See J7-X/A801, Typ.

ABBREVIATIONS

FEC FIRE PROTECTION SPECIALTIES, Fire Extinguisher/Blanket Cabinet.
Type FEC-1, Unless Noted Otherwise, See X/A102

FEC FIRE PROTECTION SPECIALTIES, Fire Extinguisher Cabinet.
Type FEC-1, Unless Noted Otherwise, See X/A102

FF Face of Finish

FOC Face of Concrete

FD Floor Drain

FOM Face of Masonry

FOS Face of Stud

FS Floor Sink

HB Hose Bib

HC Handicap

MO Masonry Opening

UNO Unless Noted Otherwise

RO Rough Opening

VCT RESILIENT FLOORING, Vinyl Composition Tile

Typ. Typical

Sim. Similar

OH Opposite Hand

NOTES

1. All Exterior Walls shall be Wall Assembly Type (E6) Unless Noted Otherwise.

2. All Interior Walls shall be Wall Assembly Type (E6) Unless Noted Otherwise.

3. All Dimensions are to Face of Stud (FOS) or Center Line, Unless Noted Otherwise.

4. All Elevation Dimensions are above Finish Floor at each floor level, Unless Noted Otherwise.

5. For Wall Sill conditions, Refer to X/A503 Unless Noted Otherwise.

6. Dimensions noted as "±" are nominal.

7. Floor Drains (FD) and Floor Sinks (FS) shall be set -1". Unless Noted Otherwise.

8. Refer to N4-X/A101 for firestopping at beams penetrating rated walls.

H18 FLOOR PLAN LEGEND

No Scale

General Notes

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
02-109481
AG _____ FLS _____ SS _____
DATE _____

Agency Approvals

No. _____ Revisions/ Submissions _____ Date: _____

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PUBLIC SAFETY / EDUCATIONAL BUILDING
COLLEGE OF THE SERRANOS
HANFORD, CALIFORNIA

BUILDING A
FLOOR PLAN

Drawing

Project No.: 0669

Scale: As Noted

Designed By: AV

Drawn By: MN

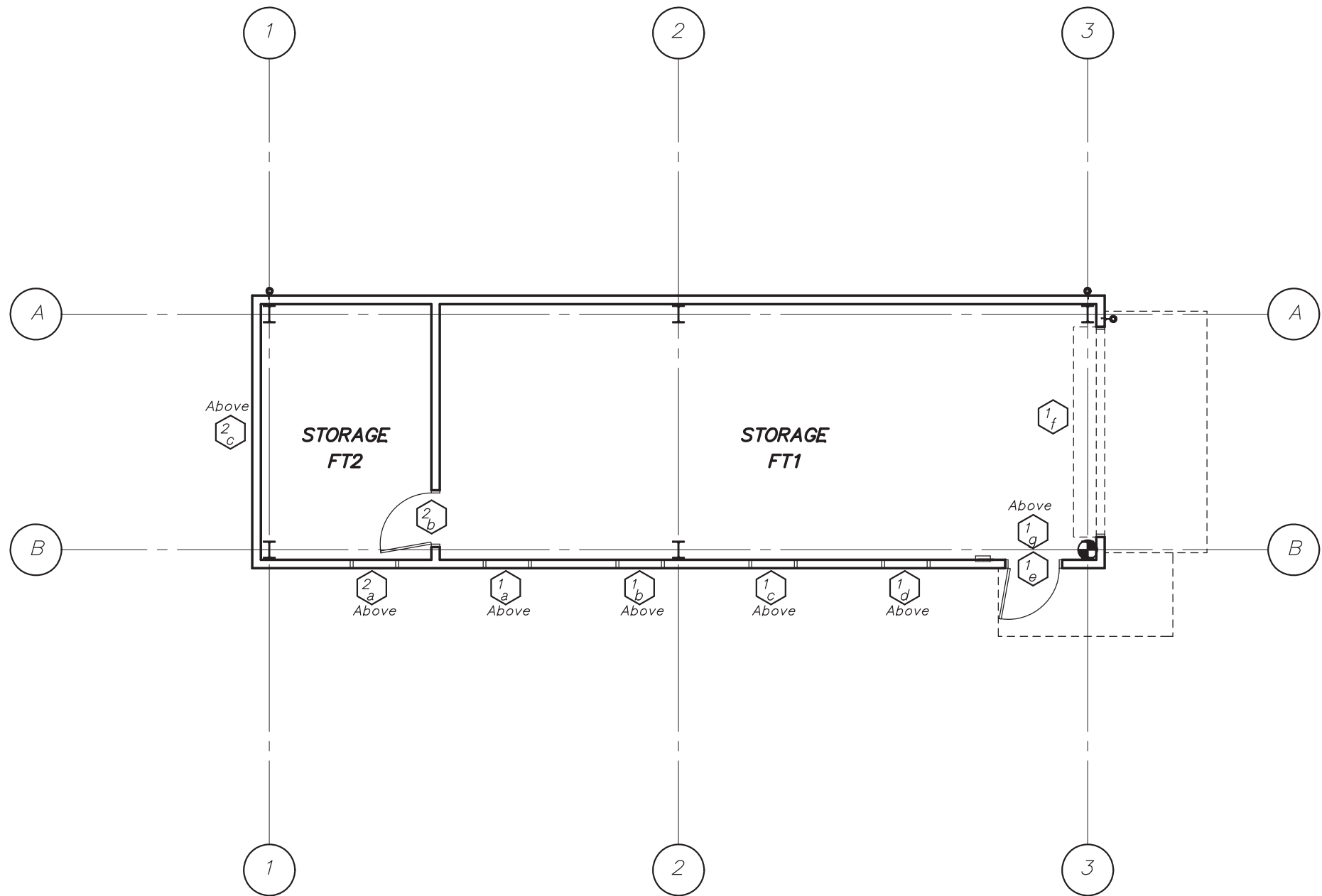
Checked By: RLP

Reviewed By: RLP

Date: 07/01/08

Sheet: _____ of _____





BUILDING C - FIRETRUCK STORAGE

Scale: 1/8"=1'-0"

PUBLIC SAFETY/EDUCATIONAL BUILDING
COLLEGE OF THE SEQUOIAS
Hanford, California

DSA Application: 02-109481

DSA File: .

OPSC Application: .

Date.:

Time

Scale.:

C101



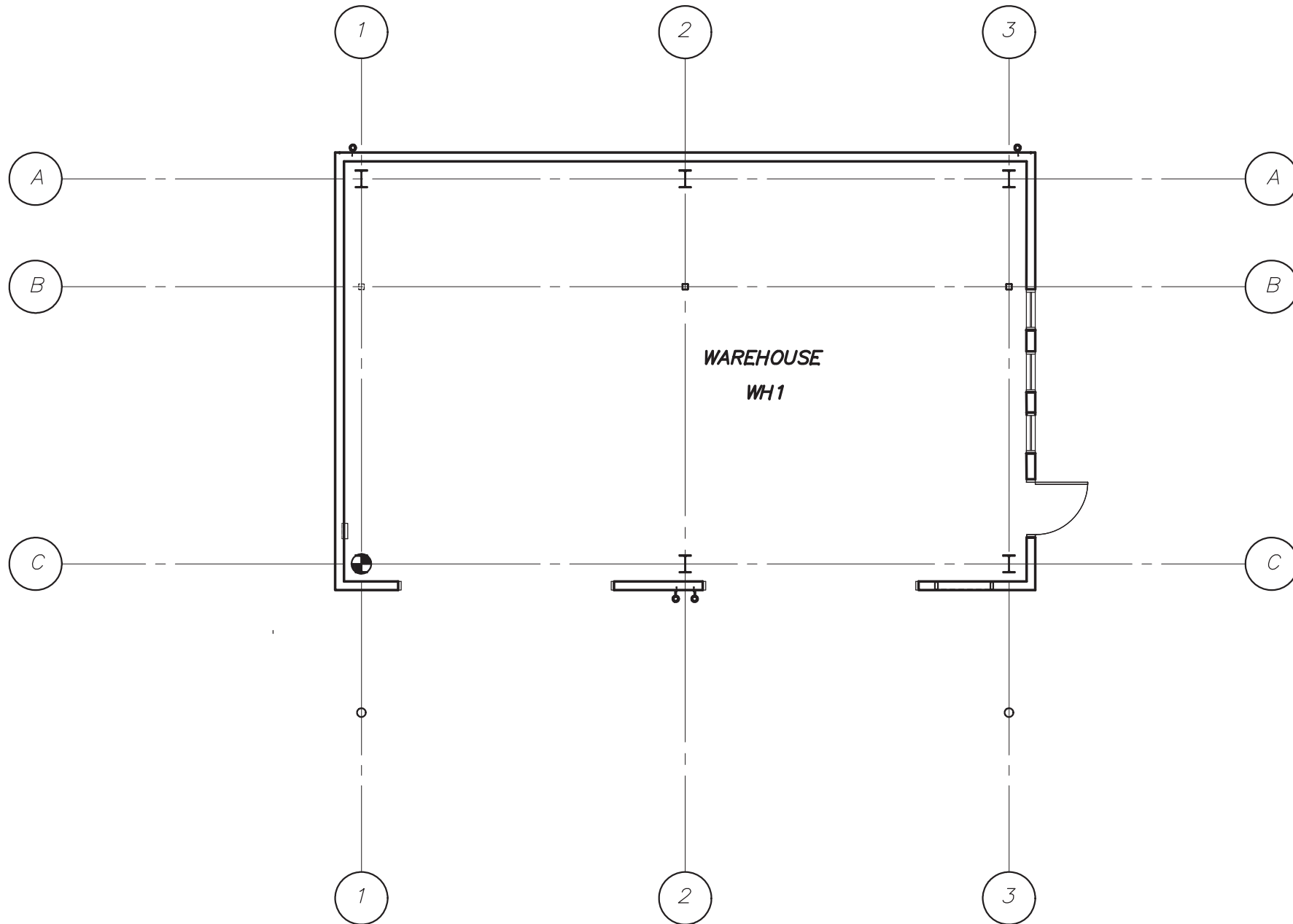
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Robert L. Petithomme AIA • Sean P. Mendoza AIA • Michael K. Fennacy AIA

6790 N. West Avenue • Fresno, California 93711 • 559 448-8051 Fax 559 446-1765



BUILDING B WAREHOUSE

Scale: 1/8"=1'-0"

PUBLIC SAFETY/EDUCATIONAL BUILDING
COLLEGE OF THE SEQUOIAS
Hanford, California

DSA Application: 02-109481

DSA File: .

OPSC Application: .

Date.:

Time

Scale.:

B101



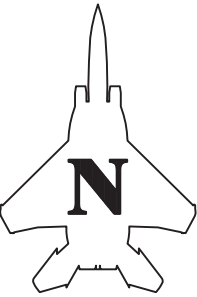
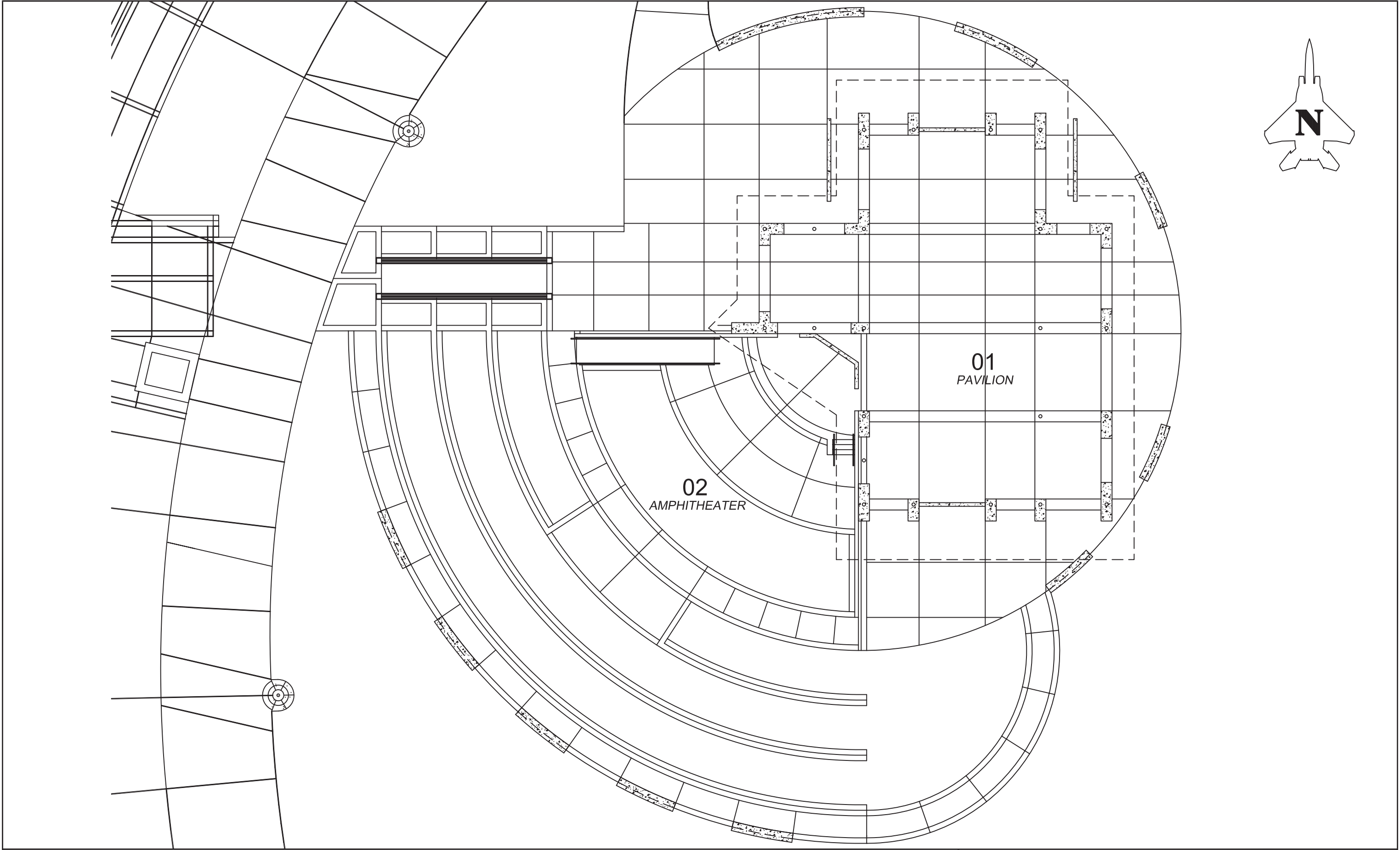
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6790 N. West Avenue • Fresno, California 93711 • 559 448-8051 Fax 559 446-1765



PAVILION / AMPHITHEATER
COS HANFORD EDUCATIONAL CENTER

SCALE
1/16" = 1'-0"

DATE
11/8/18

