

Facilities Lease Agreement

Between

**Sacramento City Unified School District
And
ENTITY NAME**

**For the
Ethel Phillips Elementary School Campus Renewal Project
SCUSD PROJECT #0110-468**

DSA Application #TBD

**Located at
2930 21st Ave, Sacramento, CA 95820**

Documents Bound Herewith

AGREEMENT FORM

EXHIBIT A THE PROJECT
EXHIBIT B DESCRIPTION OF THE SITE
EXHIBIT C LEASE PAYMENT SCHEDULE
EXHIBIT D GENERAL CONSTRUCTION TERMS AND CONDITIONS
EXHIBIT E INSURANCE REQUIREMENTS
EXHIBIT F GENERAL CONDITIONS COSTS
EXHIBIT G CONSTRUCTION SCHEDULE
EXHIBIT H PRECONSTRUCTION SERVICES
EXHIBIT I SKILLED & TRAINED REPORTING FORM SAMPLE
EXHIBIT J PROJECT LABOR AGREEMENT
ATTACHMENT 1 DVBE GOOD FAITH EFFORTS OUTREACH REQUIREMENTS
ATTACHMENT 2 STANDARD FORMS FOR CONSTRUCTION – ATTACHED AS A SEPARATE FILE

Sacramento City Unified School District
Facilities Lease Agreement

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Sacramento City Unified School District - Facilities Lease Agreement

THIS FACILITIES LEASE (“Facilities Lease”), made as of **Month Day, Year** (“Effective Date”), is entered into by and between **Entity Name**, a California corporation, as sublessor (the “Entity”), and Sacramento City Unified School District, a school district duly organized and validly existing under the Constitution and laws of said State of California, as sub lessee (the “District”).

RECITALS

WHEREAS, the District desires to provide for a project that will be constructed as more particularly described in Exhibit A attached hereto and incorporated herein by this reference (the “Project”), **Ethel Phillips Elementary School Campus Renewal Project** located on the District’s property at **Ethel Phillips Elementary School, 2930 21st Ave, Sacramento, CA 95820**.

WHEREAS, the District has issued a Request for Proposals for development of the Project and, upon receipt and review of the proposals has selected the Entity as submitting the best value proposal for the development of the Project;

WHEREAS, by way of a site lease dated **Month Day, Year** (the “Site Lease”) the District has leased to the Entity the real property described in Exhibit B for the construction of the Project (the “Site”);

WHEREAS, by way of this Facilities Lease, the Entity hereby leases the Site and the improvements back to the District;

WHEREAS, the District is authorized under Section 17406 of the Education Code of the State of California to lease the Site to the Entity and to have the Entity construct the Project on the Site and to lease back to the District the Site and the Project, and the District has duly authorized the execution and delivery of this Facilities Lease;

WHEREAS, the Entity is authorized to sublease the Site as lessee and to construct the Project on the Site, and has duly authorized the execution and delivery of this Facilities Lease;

WHEREAS, the Governing Board of the District (the “Board”) has determined that it is in the best interests of the District and for the common benefit of the citizens residing in the District to construct the Project by leasing the Site to the Entity and by immediately entering into this Facilities Lease under which the District will sublease the Site and lease the Project from the Entity and make Lease Payments on the dates and in the amounts set forth in the payment schedule attached hereto as Exhibit C (the “Lease Payment Schedule”).

WHEREAS, the parties have performed all acts, conditions and things required by law to exist, to have happened and to have been performed precedent to and in connection with the execution and entering into this Facilities Lease in regular and due time, form and manner as required by law, and the parties hereto are now duly authorized to execute and enter into this Facilities Lease;

WHEREAS, the District and the Entity further acknowledge and agree that they have entered into the Site Lease and this Facilities Lease pursuant to Education Code section 17406 as the best available and most expeditious means for the District to satisfy its substantial need to construct the Project.

NOW, THEREFORE, in consideration of the above recitals and of the mutual covenants hereinafter contained, the parties hereto do hereby agree as follows:

ARTICLE 1. DEFINITIONS AND EXHIBITS.

1.1 Definitions. Unless the context otherwise requires, the terms defined in this Section shall, for all purposes of this Facilities Lease, have the meanings herein specified. Additional definitions are included in Exhibit D, the General Construction Terms and Conditions.

1.1.1 “District” means the Sacramento City Unified School District, a school district duly organized and existing under the laws of the State of California.

1.1.2 “District Representative” means the Superintendent of the District, or any other person authorized by the Board of Education of the District to act on behalf of the District under or with respect to this Facilities Lease. The person or persons so designated to act as District Representative(s) shall be authorized in writing with notice served to the Entity’s Authorized Representative. The District shall provide such notice designating the District Representative within five (5) business days of providing the Notice to Proceed.

1.1.3 “DSA” means the State of California, Department of General Services, Division of the State Architect.

1.1.4 “Entity” means **Entity Name**, a corporation duly organized and existing under the laws of the State of California duly licensed to do business in the State of California.

1.1.5 “Entity Representative” means the written, authorized representatives of the Entity, or any person authorized to act on behalf of the Entity under or with respect to this Facilities Lease as evidenced by a resolution conferring that representative with such authorization adopted by the Board of Directors of the Entity or as so designated by the President of the Entity. The Entity’s initial representative is [**Name, Title**].

1.1.6 “Event of Default by District” means one or more events as defined in Section 9.1 of this Facilities Lease.

1.1.7 “Event of Default by the Entity” means one or more events as defined in Section 9.3 of this Facilities Lease.

1.1.8 “Facilities Lease” means this Facilities Lease together with any duly authorized and executed amendment hereto.

1.1.9 “General Construction Terms and Conditions” shall mean the terms and conditions set forth in Exhibit D attached hereto.

1.1.10 “Lease Payment” means any payment required to be made by the District pursuant to Section 4.4 of this Facilities Lease and as set forth in Exhibit C attached to this Facilities Lease.

1.1.11 “Lease Payment Schedule” shall mean the payment schedule attached hereto as Exhibit C, to be developed by Entity during Preconstruction Services.

1.1.12 “Permitted Encumbrances” means, as of any particular time: (i) liens for general and valorem taxes and assessments, if any, not then delinquent, or which the District may, pursuant to provisions of Section 5.3 hereof, permit to remain unpaid; (ii) the Site Lease; (iii) this Facilities Lease, (iv) easements, rights of way, mineral rights, drilling rights and other rights, reservations, covenants, conditions or restrictions which exist of record as of the date of this Facilities Lease; and (v) easements, rights of way, mineral rights, drilling rights and other rights, reservations, covenants, conditions or restrictions established following the date of recordation of this Facilities Lease and to which the Entity and the District consent in writing which will not impair or impede the operation of the Site.

1.1.13 “Plans and Specifications” means the construction plans and specifications prepared for the Project by **HMC Architects** as approved by the DSA, Application No. **[to be added by Amendment]** and as further referenced in the General Construction Terms and Conditions, Exhibit D attached hereto.

1.1.14 “Preconstruction Services” means those services to be performed in Phase I of this Facilities Lease, as defined in greater detail in Exhibit H hereto.

1.1.15 “Project” or “Work” means the improvements and equipment to be constructed and installed by the Entity for the District’s **Ethel Phillips Elementary School Campus Renewal Project** for the **Ethel Phillips Elementary School** as more particularly described in Exhibit A attached hereto, the General Construction Terms and Conditions (Exhibit D hereto), and the Plans and Specifications, and includes, unless the context requires otherwise, the Site. No Work for which Entity is required to be licensed in accordance with Article 5 (commencing with Section 7065) of Chapter 9 of Division 3 of the Business and Professions Code, and for which DSA approval is required, can be performed before receipt of the required DSA approval.

1.1.16 “Site” means that certain real property particularly described in Exhibit “B” attached hereto.

1.1.17 “Site Lease” means the Site Lease dated as of **Month, Day, Year**, by and between the District and the Entity together with any duly authorized and executed amendments thereto under which the District leased the Site to the Entity.

1.1.18 “Term of this Facilities Lease” or “Term” means the time during which the District has the obligation to make the Lease Payments under this Facilities Lease, as provided

for in Section 4.2 of this Facilities Lease.

1.1.19 “Total Base Rent” (TBR) means that amount to be developed by Entity during Preconstruction Services which shall be set forth in Section 4.4.2 below and as otherwise provided for herein.

1.2 Exhibits. The following Exhibits are attached to and by reference incorporated and made a part of this Facilities Lease:

Exhibit A - THE PROJECT: The description of the Project.

Exhibit B – THE SITE: The description of the real property constituting the Site.

Exhibit C - LEASE PAYMENT SCHEDULE: The schedule of Lease Payments to be paid by the District hereunder, to be developed by Entity during Preconstruction Services.

Exhibit D - GENERAL CONSTRUCTION TERMS AND CONDITIONS: The general terms and conditions for the construction of the Project.

Exhibit E – INSURANCE: The insurance requirements for the Project.

Exhibit F – GENERAL CONDITION COSTS

Exhibit G – CONSTRUCTION SCHEDULE, to be developed by Entity during Preconstruction Services.

Exhibit H – PRECONSTRUCTION SERVICES

Exhibit I – SAMPLE SKILLED & TRAINED REPORTING FORM

Attachment 1 – DVBE GOOD FAITH OUTREACH EFFORT REQUIREMENTS

ARTICLE 2. REPRESENTATIONS, COVENANTS AND WARRANTIES.

2.1 Representations, Covenants and Warranties of the District. The District represents, covenants and warrants to the Entity as follows:

2.1.1 Due Organization and Existence. The District is a school district, duly organized and existing under the Constitution and laws of the State of California.

2.1.2 Authorization. The District has the full power and authority to enter into, to execute and to deliver this Facilities Lease and the Site Lease, and to perform all of its duties and obligations hereunder, and has duly authorized the execution of this Facilities Lease and the Site Lease. The representatives of District executing this Facilities Lease and the Site Lease are fully

authorized to execute the same.

2.1.3 No Violations. Neither the execution and delivery of this Facilities Lease nor of the Site Lease, nor the fulfillment of or compliance with the terms and conditions hereof or thereof, nor the consummation of the transactions contemplated hereby or thereby, conflicts with or results in a breach or default (with due notice or the passage of time, or both) under the organizational instruments of the District or any applicable law or administrative rule or regulation, or any applicable court or administrative decree or order, or a breach of any of the terms, conditions or provisions of any restriction or any agreement or instrument to which the District is now a party or by which the District is bound, or constitutes a default under any of the foregoing, or results in the creation or imposition of any lien, charge or encumbrance whatsoever upon any of the property or assets of the District, or upon the Site, except Permitted Encumbrances.

2.1.4 No Litigation. There is no pending or, to the knowledge of the District, threatened action or proceeding before any court or administrative agency which will materially adversely affect the ability of the District to perform its obligations under this Facilities Lease.

2.2 Representations, Covenants and Warranties of the Entity. The Entity represents, covenants and warrants to District as follows:

2.2.1 Due Organization and Existence. The Entity is a California corporation duly organized and existing under the laws of the State of California; duly authorized and licensed to do business in the State of California; has the power to enter into this Facilities Lease and the Site Lease; is possessed of full power to own, rent and hold real and personal property, and to lease and sell the same; has duly authorized the execution and delivery of all of the aforesaid agreements; and is empowered and fully capable of undertaking the development and construction of the Project as described herein and in the documents referred to herein.

2.2.2 Authorization. The Entity has the full power and authority to enter into, to execute and to deliver this Facilities Lease and the Site Lease, and to perform all of its duties and obligations hereunder, and has duly authorized the execution of this Facilities Lease and the Site Lease.

2.2.3 No Violations. Neither the execution and delivery of this Facilities Lease and the Site Lease, nor the fulfillment of or compliance with the terms and conditions hereof or thereof, nor the consummation of the transactions contemplated hereby or thereby, conflicts with or results in a breach of the terms, conditions or provisions of any restriction or any agreement or instrument to which the Entity is now a party or by which the Entity is bound, or constitutes a default under any of the foregoing, or results in the creation or imposition of any lien, charge or encumbrance whatsoever upon any of the property or assets of the Entity or the Site, except the Permitted Encumbrances.

2.2.4 No Litigation. There is no pending or, to the knowledge of the Entity, threatened action or proceeding before any court or administrative agency which will materially adversely affect the ability of the Entity to perform its obligations under this Facilities Lease.

2.2.5 No Encumbrances. The Entity shall not pledge the Lease Payments or other amounts derived from the Site and from its other rights under this Facilities Lease, and shall not mortgage or encumber the Site, except as allowed under the provisions of the Facilities Lease and/or the Site Lease to finance construction of the Project.

2.2.6 Continued Existence. For up to six months following the term of this Lease, the Entity shall not voluntarily commence any act intended to dissolve or terminate the legal existence of the Entity, provided District is not in uncured default under this Facilities Lease. The Entity shall give District sixty (60) days written notice prior to dissolving or terminating the legal existence of the Entity within two (2) years of the expiration of this Lease.

2.2.7 No Assignments. Except as provided herein or otherwise with the District's advance written consent, the Entity will not assign this Facilities Lease, its right to receive Lease Payments and prepayments from the District, or its duties and obligations hereunder to any other person, firm or corporation. If assignment of rents is necessary to finance construction of the Project, the parties shall reasonably cooperate to facilitate such assignment. No assignment shall impair or violate the representations, covenants and warranties contained in this Section 2.2. This Lease may be assigned to an affiliate of the Entity provided that the representations, covenants and warranties in this Section 2.2 are not impaired or violated. Contracting or subcontracting with licensed contractors is not an assignment.

ARTICLE 3. PROJECT PHASES.

3.1 Preconstruction Services. Upon execution of this Facilities Lease, Entity shall commence performance of Preconstruction Services, as defined in and governed by Exhibit H hereto. Although the District anticipates authorizing Entity to proceed with the construction services following completion of Preconstruction Services, performance of Preconstruction Services shall not entitle Entity to perform any construction services.

3.2 Construction of the Project and Post-Construction Lease. Following approval of the TBR and Lease Payment Schedule by the Board, if the District elects to proceed with construction hereunder, then the District shall issue to Entity a Notice to Proceed. Entity may not perform any construction work prior to issuance of that Notice to Proceed, and the District shall make no payment for construction services unless it issues a Notice to Proceed applicable to those services.

3.2.1 Site Conditions and Pre-Construction Review. The Entity acknowledges that the Entity has visually investigated the Site and reviewed all reports for the Site provided to Entity by the District, has satisfied itself as to all issues related to site conditions that are discoverable through diligent observation by an experienced construction professional and has included all such issues in the Total Base Rent. The Entity further acknowledges that, prior to the start of construction, the Entity has reviewed the Plans and Specifications, geotechnical report and pointed out any design errors or omissions that are reasonably observable by an experienced construction professional and will have determined that, prior to commencement of construction, the Plans and Specifications are adequate for the Project's construction. The Entity specifically

acknowledges that its Preconstruction Services include review of the BIM model provided by the District and that, prior to the start of construction, the Entity will perform all review using that BIM model reasonably necessary to identify conflicts prior to the start of construction. Notwithstanding the foregoing, the parties understand that the Entity is not required to conduct an architectural or engineering or code compliance review of the Plans and Specifications.

3.2.2 Construction of Project. The Entity, in conjunction with the District, agrees to cause the Project to be developed, constructed, and installed in accordance with the terms hereof, the General Construction Terms and Conditions set forth in Exhibit D, the Plans and Specifications and those things reasonably inferable from the aforementioned documents as being within the scope of the Project and necessary to produce the stated result even though no mention is made thereof. The Entity, in conjunction with the District, further agrees that it will cause the development, construction, and installation of the Project to be diligently performed. The parties may approve additional changes in the Plans and Specifications for the Project as provided in Exhibit D.

3.2.3 Time of Completion. Following execution of this Facilities Lease and receipt of the Notice to Proceed with the construction, the Entity shall proceed with the construction of the Project with due diligence. Construction of the entire Project shall be fully complete no later than the date stated in the Notice to Proceed, together with such additional time as may be provided by amendment (change order) pursuant to the General Construction Terms and Conditions set forth in Exhibit D. Included in this time to complete is an allowance of up to **to be added by Amendment** weather days of excusable weather delays. "Completion" means completion of all contract work, including punch list items and final cleaning completed, so that the entire Project can be occupied for its intended purpose. If the District requires occupancy of any portion of the Project before Completion has occurred, the District may exercise its right to early occupancy of the completed portions of the Project upon terms and conditions set forth in Exhibit D. The Entity expressly acknowledges and agrees that the District's occupancy at any time shall not entitle the Entity to acceleration of any Lease Payment, including, without limitation, the Final Lease Payment. A timely completion of the Project requires timely response to questions and approvals. The process for responses to questions and approvals is set forth in Exhibit D.

3.2.4 Liquidated Damages. The Project is a critical component of ongoing educational services being provided by the District, which can be impacted if the Project is not timely completed. Therefore, if the Project is not completed within the time period set forth at Section 3.2.3 above, as such completion date may be revised from time to time by mutual agreement or may be extended in accordance with the terms and conditions set forth in Exhibit D, it is understood that the District will suffer damage, and that it is impractical and unfeasible to determine the amount of actual damages. Therefore, it is agreed that if the Project is not substantially completed within the time period specified in Section 3.2.3 as such completion date may be extended in accordance with the terms and conditions set forth in Exhibit D, the Entity shall pay to the District, as the sole and exclusive remedy for delay, as fixed and liquidated damages, and not as a penalty, the sum of **\$2,500.00 (Two Thousand Five Hundred Dollars and No Cents)** for each calendar day of delay until the date that the Project is substantially complete (as defined in Exhibit D, section 1.41) and the District can take occupancy of the full

Project for its intended use, and that both the Entity and the Entity's surety shall be liable for the total amount thereof. After the date by which the District can take occupancy of the full Project for its intended use, the District may withhold one hundred fifty percent (150%) of the reasonable value of any incomplete work as determined by the District's Representative, including, without limitation, any remaining contract work, punch list items, final completion and/or close-out documents. The District shall have the right to deduct the amount of liquidated damages and/or withholdings from any money due or to become due to the Entity.

3.2.5 Acceptance of the Project. When it believes the Project is fully complete, the Entity shall provide the District with a Certificate of Completion. The Project shall only be considered fully complete after the District accepts completion of the Project. The District shall have no obligation to accept completion of the Project until the entire work has been completed in accordance with the Plans and Specifications, including any amendments thereto, and Exhibit D hereto and approved for completion by the District in consultation with its representative, architect and inspector and all close-out documents and submissions required of the Entity have been provided to the District. The District shall not unreasonably withhold, condition, or delay acceptance of the Project. If the District determines not to accept the Project following receipt of Certificate of Completion from the Entity, the District shall within ten (10) days provide the Entity, with a written statement indicating in adequate detail those deficiencies remaining and what measures are necessary in the reasonable opinion of the District to correct such deficiencies prior to acceptance by the District.

3.2.6 Notice of Completion. Within fifteen (15) days after the District accepts the Project as complete, the District shall record a Notice of Completion with the County Recorder.

3.2.7 Compliance with Public Contract Code section 20111.6. Compliance with Public Contract Code section 20111.6 is required on this Project. Through the Request for Proposals/Requests for Qualifications, Entity has been prequalified for this Project pursuant to this statute. Mechanical contractors, electrical contractors and plumbing contractors also must be prequalified prior to submitting bids for the Project. Mechanical, electrical and plumbing contractors subject to these requirements are those with any of the following license classifications: C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43 and C-46. In compliance with Public Contract Code section 20111.6, Entity shall work with the District and the District's consultants in prequalifying such subcontractors, using the District's standard on-line Prequalification Questionnaire and uniform rating system.

3.2.8 Compliance with Education Code section 17407.5. In accordance with Education Code section 17407.5, the District has entered into a Project Labor Agreement ("PLA") attached as **Exhibit J** hereto, that binds the Entity and all of its Subcontractors performing work on the Project to use a "skilled and trained workforce," as defined in Public Contract Code section 2601(d). The Entity hereby acknowledges that it is bound by the District's PLA and commits that every trade and specialty contract awarded will be subject to the requirements of the PLA, including with respect to use of a skilled and trained workforce as defined in Public Contract Code section 2601(d). To verify compliance, the District may require the Entity to provide regular and/or periodic reports verifying that the Entity and its subcontractors are in compliance with these requirements, including requiring confirmation of the percentage of work performed

by journeypersons that are graduates of an approved apprenticeship program for the applicable occupation.

If any required report shows the required percentages of journeyperson graduates have not been met for the period of the report, then the District will require the Entity to provide an explanation as to why the percentages were not met and a plan to achieve substantial compliance, with respect to the relevant apprenticeable occupation(s), by the end of the construction services.

If a subcontractor fails to provide the information to the Entity necessary for the Entity to verify compliance, the Entity shall notify the District. Repeated failure or refusal of a subcontractor to provide the required information demonstrating compliance may be grounds for substitution in accordance with Public Contract Code section 4107(a)(3) and/or (7) and/or grounds for the District to object to the continued use of that subcontractor. The Entity may draw upon the Construction Contingency Fund, but not the District Contingency, for any increased costs it incurs for replacing a subcontractor under this paragraph, but the Entity shall not be entitled to any increase of that contingency, any increase in the Total Base Rent, or any increase in the lease Term. The Entity shall comply with the requirements of paragraph 4.4.2.4.4 related to any such use of the Construction Contingency Fund.

Before making final payment in full to a subcontractor for Project work, the Entity shall obtain a declaration signed under penalty of perjury from the subcontractor that the subcontractor has met the skilled and trained workforce requirements.

ARTICLE 4. AGREEMENT TO LEASE; TERMINATION OF LEASE; LEASE PAYMENTS; TITLE TO THE PROJECT.

4.1 Lease of Project; No Merger. The District, by way of the Site Lease, has heretofore leased the Site to the Entity, and the Entity hereby leases Site and the Project to the District upon the terms and conditions set forth in this Facilities Lease. The leasing by the District to the Entity of the Site shall not affect or result in a merger of the District's interest pursuant to this Facilities Lease or its fee estate as lessor under the Site Lease, and the District shall continue to have and hold its fee interest in said Site throughout the term of this Facilities Lease. The Entity shall continue to have and hold a leasehold estate in the Site pursuant to the Site Lease through the term thereof and the term of this Facilities Lease. As to the Site Lease, this Facilities Lease shall be deemed to constitute a sublease.

4.2 Term of Facilities Lease. The Term of this Facilities Lease shall be **twenty three (23) months** consisting of the total of the time a) to perform Preconstruction Services, estimated to require **four (4) months**, b) **seven (7) months** to construct the Project, including punchlist and project acceptance, and c) the post-construction lease period of **twelve (12) consecutive months** following completion of the Project, subject to the right of the District to terminate earlier in accordance with this Facilities Lease. If the time to complete Preconstruction Services is extended or delayed, then the Term shall be extended a corresponding amount. If the time to complete construction of the Project is extended or delayed, then the Term shall be extended in a corresponding amount to allow for the full **twelve (12) month** post-construction lease period; the monthly lease payments for the post-construction period shall not change if the Term is

extended, except that, if the delay or extension is the result of a District-caused action or delay during construction, then the parties shall meet and confer in good faith regarding any additional financing costs. **The term shall commence on Month, Day, Year (the “Commencement Date”).**

4.3 Termination of Term. Notwithstanding Section 4.2, the Term of this Facilities Lease shall terminate upon the earliest of any of the following events:

4.3.1 An Event of Default by District and the Entity’s election to terminate this Facilities Lease pursuant to Section 9.2 hereof; or

4.3.2 An event of Default by the Entity and the District’s election to terminate this Facilities Lease pursuant to Section 9.4 hereof; or

4.3.3 The District’s election to terminate this Facilities Lease pursuant to Section 6.2 or Section 9.6 hereof; or

4.3.4 The District’s election not to proceed with construction services; or

4.3.5 The arrival of the last day of the Term of this Facilities Lease and payment of all Lease Payments hereunder; provided, however, that if on the scheduled date for expiration of this Facilities Lease the Lease Payments shall not have been fully paid by District, then the Term of this Facilities Lease and Site Lease shall be extended until the date upon which all such Lease Payments shall be fully paid, notwithstanding anything to the contrary in this Facilities Lease and the Site Lease. Notwithstanding the foregoing, the District’s withhold of any portion of a Lease Payment as required by law or permitted in this Facilities Lease shall not prevent the expiration of the Term of this Facilities Lease.

4.4 Lease Payments.

4.4.1 Obligation to Pay. Subject to adoption of the Lease Payment Schedule upon determination of the TBR, issuance of a Notice to Proceed, and the provisions of Article 6 hereof, the District agrees to pay to the Entity, its successors and assigns, as rental for the use and occupancy of the Project, the Lease Payments commencing with the month in which the District issues the Notice to Proceed, in the amounts specified in the Lease Payment Schedule attached hereto as Exhibit C, plus any such approved allowances or contingencies and incorporated herein by reference. In partial consideration for the Facilities Lease and the reduced rent specified in the Site Lease, Entity agrees to abate lease payments from the Commencement Date through Phase I of the Project, unless otherwise specified in the Lease Payment Schedule approved by the District’s Board. Lease Payments shall be payable on the **last day of each calendar month, unless that date is a weekend or holiday, in which case the Lease Payment is due on the first business date thereafter.**

4.4.2 Total Base Rent. The TBR shall be the total sum paid by the District for the Project, excluding Preconstruction Services, in the form of Lease Payments under the terms of this Facilities Lease. The TBR for the Project shall not be exceeded except as specified under

the provisions of this Article 4 and/or Exhibit D. The TBR for the lease of the Project is **[to be added by Amendment] Dollars (\$ TBD .00)** subject to the provisions of any Contingency Funds set forth in this Article 4.

- 4.4.2.1 The Entity shall prepare a detailed line item costing of the TBR, including the Entity's fee and any financing costs, and, once agreed to by the District, it shall be attached to the Lease Payment Schedule. However, in the event any of the costs included in the TBR (excluding the Entity's General Condition costs) are reduced subsequent to the District's approval, the savings shall be disclosed by the Entity to the District and shall be distributed in equal parts to the Construction Contingency and to the District's Contingency. Entity's failure to disclose the savings shall be a material breach of this Agreement. All parties acknowledge that the Total Base Rent is based on the Plans and Specifications for the Project as approved or amended by DSA or as amended by mutual agreement of the Entity and the District.
- 4.4.2.2 The TBR will be subject to change only as described in Exhibit D, for change orders and/or any other changes directed by the District or for Compensable Time Extensions.
- 4.4.2.3 Because satisfactory completion of the Project and the District's rights under this Facilities Lease are essential to the District's educational services, rights of quiet enjoyment, and other rights of tenancy, in addition to any other rights the District enjoys under California law, the District may withhold from any Lease Payment sufficient amount (a maximum of 150%) as in its reasonable judgment may be necessary to cover:
 - (1) Failure of the Entity to comply with its obligations under this Facilities Lease, including its exhibits;
 - (2) Breaches or interferences by the Entity of the District's rights of quiet enjoyment and other rights of tenancy permitted under California law;
 - (3) Failure of the Entity to give the District timely occupancy of the Site and/or the Project;
 - (4) Payments which may be past due and payable for just claims against the Entity or any subcontractors for labor/materials furnished in and about the performance of work on the Project;
 - (5) Defective work not remedied;
 - (6) Completion of the Project if there exists a reasonable doubt that

the Project can be completed for the balance of the unpaid Lease Payments;

(7) Damage to another contractor;

(8) Potential fees or penalties that may be due in connection with any failure to construct the Project in accordance with the terms of this Facilities Lease and the law.

Upon the Entity's removal of the condition upon which the withholding is based, the District shall promptly pay the withheld amount to the Entity.

4.4.2.4 The Total Base Rent includes:

4.4.2.4.1 Construction Contingency Fund in the amount of **[to be added by Amendment] Dollars and no cents (\$ TBD .00)**, which, except as set forth herein, shall cover all additional or extra Costs of the Work set forth in the Contract Documents as a result of all conditions and events that do not entitle Entity to a change order in accordance with Exhibit D, Article 15.01 of the Facilities Lease. The Construction Contingency Fund may be used for costs associated with Entity, subcontractor or supplier's Excusable Delay (as allowed in Exhibit D, Article 14), lack of coordination or inefficiencies. Any additional work needed to achieve a complete, usable and functional Project consistent with the design intent of the District's Architect will be covered by the Construction Contingency Fund and will not be considered a material change in the scope of the work per Article 15.01 of the Facilities Lease. The Entity shall have no right to draw against this contingency without written approval of the District prior to its use.

4.4.2.4.2 Specific Allowances – **[to be added by amendment]**

4.4.2.4.3 District Contingency in the amount of **[to be added by Amendment] Dollars and no cents (\$ TBD .00)** which shall cover additional or extra costs to the project that entitle Entity to a change order in accordance with Exhibit D, Article 15.01 of the Facilities Lease. The Entity shall have no right to draw against this contingency without written approval of the District prior to its use.

4.4.2.4.4 Allowances and Contingencies shall be used efficiently and expeditiously to minimize cost and delay to the project. Prior to commencing any work that would result in the utilization of one of the Contingencies or Allowances, the Entity shall give the District written notice of its intended use of said funds. The District shall have the right to object to any said use of funds provided notice of objection is given

to the Entity within five business days of the entity's notice or within such shorter time as reasonably stated in that notice. In the event of disagreement about the use of any said funds, including without limitation, which funds may be used, the District may direct the Entity to proceed and direct the Entity which, if any, of the funds Entity may draw against. The Entity shall promptly comply with such directive and may submit a claim in accordance with Article 23 of Exhibit D. If the Entity commences the work without giving the District the required written notices and opportunity to object, the Entity shall, for all purposes, be deemed to have waived its rights to additional compensation for such work. The Entity shall provide the District with a monthly accounting of its use of any part of the Construction Contingency Fund and the Allowances. Pricing and record keeping for uses of any Contingency Fund or Allowance shall be in accordance with Article 15 of Exhibit D, the General Construction Terms and Conditions and shall be memorialized by a Contract Draw Authorization (CDA). Allowable payments of Contingency Funds or Allowances shall be reflected as increases to the Lease Payment(s) for the given month(s).

4.4.2.4.5 If paid to the Entity, any funds remaining in any Contingency or Allowance Fund shall be returned to the District within fifteen (15) days after the Notice of Completion is recorded. Otherwise, the funds not used and not paid to the Entity shall be deducted by written amendment from the Total Base Rent prior to the final Lease Payment.

4.4.3 Lease Payments to Constitute Current Expense of the District. The District and the Entity understand and intend that the obligation of the District to pay Lease Payments and other payments hereunder constitutes a current expense of the District and shall not in any way be construed to be a debt of the District in contravention of any applicable constitutional or statutory limitation or requirement concerning the creation of indebtedness by the District, nor shall anything contained herein constitute a pledge of the general tax revenues, funds or moneys of the District. Lease Payments due hereunder shall be payable only from current funds which are budgeted and appropriated or otherwise made legally available for such purpose. This Facilities Lease shall not create an immediate indebtedness for any aggregate payments which may become due hereunder. Upon approval of the initial or any amended TBR, the District will appropriate sufficient funds from District funds from the District's current fiscal year and/or State funds to be received during the District's current fiscal year, and will segregate such funds in a separate account to be utilized solely for the Lease Payments. The Entity acknowledges that the District has not pledged the full faith and credit of the District, the State of California or any state agency or state department to the payment of Lease Payments or any other payments due hereunder. The covenants on the part of District contained in this Facilities Lease constitute duties imposed by law and it shall be the duty of each and every public official of the District to take such action and do such things as are required by law in the performance of the official duty of such officials to enable the District to carry out and perform the covenants and agreements in this Facilities Lease agreed to be carried out and performed by the District in accordance with the

terms and conditions set forth herein.

4.4.4 Optional Prepayment. The District may prepay the Lease Payments, in whole or in part, at any time, without penalty. The District shall give the Entity written notice of its intent to exercise its option and the date and amount of such prepayment not less than fifteen (15) days in advance of the date of the exercise.

4.5 Title. Pursuant to California Education Code section 17402, the District has the requisite legal interest in the Site. During the Term of this Facilities Lease, the District shall hold title to the Site. Upon payment by the District of all Lease Payments during the Term of this Facilities Lease as the same become due and payable, or if the Entity or the District exercises any option to terminate this Facilities Lease as set forth herein, all right, title and interest of the Entity, its assigns and successors in interest in and to the Project, including all additions which comprise fixtures, repairs, replacements or modifications thereof, shall be transferred to and vested in the District at the expiration of the Term or payment of the final Lease Payment or termination, whichever shall come first. Title shall be transferred to and vested in the District hereunder without the necessity for any further instrument or transfer, provided, however, that the Entity agrees to execute any instrument requested by District to memorialize such termination of this Facilities Lease and transfer title to the District.

4.6 Fair Rental Value. The Lease Payments coming due and payable during each month of the Term constitute the total rental for the Project and shall be paid by the District as set forth in Section 4.4 and the Lease Payment Schedule for and in consideration of the right to use and occupy the Project. The District and the Entity have agreed and determined that the total Lease Payments do not exceed the fair rental value of the Project. In making such determination, consideration has been given to the obligations of the parties under the Facilities Lease and Site Lease, the uses and purposes which may be served by the Project, and the benefits there from which will accrue to the District and the general public.

4.7 Quiet Enjoyment. Excepting any interference resulting from the Entity's performance pursuant to the General Construction Terms and Conditions and/or the Plans and Specifications, during the Term of this Facilities Lease, the Entity shall provide the District with quiet use and enjoyment of the Site, and the District shall during such Term peaceably and quietly have and hold and enjoy the Site without suit, trouble or hindrance from the Entity, except as expressly set forth in this Facilities Lease. The Entity will, at the request of the District, join in any legal action in which the District asserts its right to such possession and enjoyment to the extent the Entity may lawfully do so, at the District's sole cost.

4.8 District's Right to do Other Improvements. Following completion of the Project, the District may have other improvements done at the facility and/or on the site unrelated to the Project and through its own forces and/or separately retained service providers. The District shall comply with all laws in connection with such improvements, be fully responsible for payment for all such improvements, and obtain or cause to be obtained all required insurances for such improvements. Further, the District's indemnity obligations owed to the Entity under Section 5.5.1 shall apply to claims, damages, costs, expenses (including reasonable attorneys' fees), judgments or liabilities arising from such improvements.

4.9 Abatement of Rental in the Event of Substantial Interference With Use and Occupancy of the Project and the Site. The amount of Lease Payments for the Project and the Site shall be abated during any period of delay before District occupancy of the Project and the Site, which delay is due to an insured hazard under this Lease, such that there is substantial interference with the District's use and occupancy of the Project by the date of completion set forth in Section 3.2.3 hereof. Once the Project is restored to its status as of the date of the event which caused the delay and/or interference with the District's use and occupancy of the Project, the Lease Payments shall resume, with no reduction for any applicable insurance proceeds received by the Entity under this Section, and the Lease Payment Schedule and/or Lease Term shall be adjusted accordingly. Nothing contained herein shall be construed as a waiver of the Entity's right to receive any Lease Payments otherwise due as of the initial date of the abatement or that may become due when the Lease Payments resume.

ARTICLE 5. MAINTENANCE; TAXES; INSURANCE AND OTHER MATTERS.

5.1 Maintenance. During the Preconstruction Services phase and then following delivery of possession of the Project by the Entity to District, or of any portion on which the District takes early occupancy, the repair, improvement, replacement and maintenance of the Project or portion thereof shall be at the sole cost and expense and the sole responsibility of the District, subject to all warranties against defects in materials and workmanship provided in Exhibit D hereto.

5.2 Utilities. From the Notice to Proceed with construction services until completion of the Project by the Entity, the Entity shall pay all utility costs, including, but not limited to, temporary gas, temporary electricity, temporary water, temporary heat, temporary telephone, and refuse disposal as they specifically relate to the work the Entity is performing to complete the Project. During the Preconstruction Services phase and then following completion of the Project by the Entity, or of any portion on which the District takes early occupancy, the cost and expenses for all utility services associated with the District's use and occupancy of the completed portions shall be paid by District.

5.3 Taxes and Other Impositions.

5.3.1. Except to the extent that it is exempt from doing so, District shall pay, all ad valorem real property taxes, special taxes, possessory interest taxes, bonds and special lien assessments or other impositions of any kind with respect to the Project, the Site and the improvements thereon, charged to or imposed upon either the Entity or the District or their respective interests or estates in the Project. In the event any possessory interest tax is levied on the Entity, its successors and assigns, by virtue of this Facilities Lease, the Site Lease, or General Construction Terms and Conditions, District shall pay such possessory interest tax directly, if possible, or shall reimburse the Entity, its successors and assigns for the full amount thereof within thirty (30) days after presentation of proof of payment by the Entity. This section does not apply to any taxes of any kind for labor, equipment or material performed, purchased or used by the Entity, all of which remain the sole obligation of the Entity.

5.3.2. Entity shall pay all taxes charged against trade fixtures, furnishings, equipment or any other personal property belonging to Entity. Entity shall try to have personal property taxed separately from the Site. If any of Entity's personal property is taxed with the Site, project and/or improvements, Entity shall pay District the taxes for the personal property within fifteen (15) days after Lessee receives a written statement from District for such personal property taxes.

5.3.3 At its sole cost and expense, Entity shall give all notices and comply with all laws, ordinances, rules, regulations, and lawful orders of any public authority bearing on the performance of the Work; pay all local, state, and federal taxes, except as otherwise expressly provided herein; and pay all benefits, insurance, taxes, and contributions for Social Security and Unemployment which are measured by wages, salaries, or other remunerations paid to Entity's employees. Upon the District's request, Entity shall furnish evidence satisfactory to the District that any or all of the foregoing obligations have been fulfilled.

5.4 Insurance. During the term of this Facilities Lease the Entity shall maintain all of the insurance coverages as set forth in the Site Lease and in Exhibit E hereto.

5.5 Indemnification.

5.5.1 The District shall indemnify, defend and hold harmless the Entity and its successors, assigns, officers, directors, shareholders, partners, members, agents and employees from and against any claims, damages, costs, expenses (including reasonable attorneys' fees), judgments or liabilities arising from the negligent or intentional acts or omissions of the District or its officers, agents, or employees, with respect to District's use, operation, repair, alteration and occupancy of the Site and/or the Project and the performance of District's obligations herein or arising from the presence of hazardous materials that predates the Site Lease.

5.5.2 The Entity shall indemnify, defend with counsel acceptable to the District and hold harmless District, its officers, officials, agents and employees from and against any and all third party claims, damages, costs, expenses (including reasonable attorneys' fees), judgments or liabilities arising out of or in any way connected with the performance or attempted performance of the provisions hereof, or in any way arising out of or connected with this Facilities Lease (including without limitation the Preconstruction Services, the General Construction Terms and Conditions, and the Plans and Specifications), including but not limited to, equitable relief, stop payment notice actions (but only when not caused by the District's failure to make payments in accordance with the Facilities Lease) or any acts or omissions, any wrongful act, or any negligent act or omission to act, whether active or passive, on the part of the Entity or any of its agents, employees, independent contractors, Subcontractors or suppliers; provided, further, without limiting the foregoing, that the indemnity is intended to apply to any wrongful acts, or any actively or passively negligent acts or omissions to act, committed jointly or concurrently by the Entity, the Entity's agents, employees, independent contractors, Subcontractors or suppliers.

5.5.2.1 To the fullest extent permitted by law, the Entity's duty to defend shall extend, without limitation, to any suit or action founded upon any third party losses, claims, demands, damages, costs, expenses, attorney's fees, or liability of every nature arising out of or in any way connected with the performance or attempted

performance of the provisions hereof, or in any way arising out of or connected with this Facilities Lease, including its exhibits.

5.5.2.2 The Entity's defense and indemnity obligations expressly extend to and include any and all claims, demands, damages, costs, expenses, or liability occasioned as a result of damages to adjacent property caused by the conduct of the work for the Project by the Entity or any party for whom the Entity is liable.

5.5.2.3 The Entity's defense and indemnity obligations expressly extend to and include any and all claims, demands, damages, costs, expenses, or liability occasioned as a result of the violation by the Entity, the Entity's agents, employees, or independent contractors, Subcontractors or suppliers of any provisions of federal, state or local law, including applicable administrative regulations.

5.5.2.4 The Entity's defense and indemnity obligations also expressly extend to and include any claims, demands, damages, costs, expenses, or liability occasioned by injury to or death of any person, or any property damage to property owned by any person while on or about the Site or as a result of the work for the Project, whether such persons are on or about the Site by right or not, whenever the work is alleged to have been a contributing cause in any degree whatsoever.

5.5.2.5 Nothing contained in the foregoing indemnity provisions shall be construed to require the Entity to indemnify the District in contravention of Section 2782 of the Civil Code for the sole negligence or willful misconduct of the District, its agents, employees, or independent contractors.

5.5.2.6 In claims against any person or entity herein indemnified that are made by an employee of the Entity or an employee of any of the Entity's agents, independent contractors, Subcontractors or suppliers, a person indirectly employed by the Entity or by any of the Entity's agents, independent contractors, Subcontractors or suppliers, or anyone for whose acts the Entity or any of the Entity's agents, independent contractors, Subcontractors or suppliers may be liable, the defense and indemnification obligations herein shall not be limited by any limitation on amount or type of damages, compensation, or benefits payable by or for the Entity or the Entity's agents, independent contractors, Subcontractors or suppliers under workers' compensation acts, disability acts, or other employee benefit acts.

5.5.2.7 The Entity's defense and indemnification obligations shall not be limited by any assertion or finding that the person or entity indemnified is liable by reason of a non-delegable duty.

5.5.2.8 Nothing contained in the foregoing defense and indemnity provisions shall be construed to require the Entity to defend or indemnify the District to the

extent the claims, damages, costs, expenses, judgments, fines, penalties or liabilities arise out of the actions or inaction of the Architect or its subconsultants, or any other person, firm or entity providing design or other professional services in connection with the Project.

5.5.2.9 Should the Entity be required to investigate or defend any third party claims or actions that are subsequently determined not to be the sole responsibility of the Entity, the District shall then reimburse the Entity its unrecovered out-of-pocket costs, including reasonable attorneys' fees and any insurance deductibles, to the proportionate extent that the Entity is determined not to be responsible.

ARTICLE 6. EMINENT DOMAIN; DAMAGE AND DESTRUCTION.

6.1 Eminent Domain.

6.1.1 Eminent Domain Takings. If all of the Project and the Site shall be taken permanently under the power of eminent domain, the Term of this Facilities Lease shall cease as of the day possession shall be so taken, provided that if the taking occurs prior to full completion of the Project, the Entity shall be entitled to the value of the construction completed, plus reasonable costs of termination, plus a pro rata share of overhead and profit, less any Lease Payments and other payments made prior to the taking. If less than all of the Project and the Site shall be taken permanently, or if all of the Project and the Site or any part thereof shall be taken temporarily, under the power of eminent domain: (1) this Facilities Lease shall continue in full force and effect and shall not be terminated by virtue of such taking and the parties waive the benefit of any law to the contrary, and (2) there shall be a partial abatement of Lease Payments as a result of the application of the net proceeds of any eminent domain award to the prepayment of the Lease Payments hereunder.

6.1.2 From Eminent Domain Award. The net proceeds of any eminent domain or condemnation shall be payable to the District.

6.2 Damage and Destruction. If the Site and/or the Project is totally or partially destroyed due to fire, acts of vandalism, flood, storm, earthquake, Acts of God, or other casualty beyond the control or responsibility of either party hereto, the Lease Payments shall abate, in accordance with Section 4.9, during the time that the Site and/or the Project, or a portion thereof, is unusable for District's intended use. The Entity and District agree that the obligation to repair or replace the Site shall be in accordance with the following provisions:

6.2.1 Escrow. Any proceeds payable to the Entity and District from all applicable insurance policies, other than rental interruption insurance, shall be immediately deposited in an escrow (the "Escrow").

6.2.2 Total Destruction. In the event that ninety percent (90%) or more of the Site and/or the Project is destroyed or damaged (a "Total Destruction") through no fault of the Entity, then District, at District's option, may elect to terminate this Facilities Lease and the Site Lease, and shall use the insurance proceeds to pay an amount to the Entity equal to the Lease Payments

due as of the date of destruction and the value of all work completed by the Entity, plus reasonable costs of termination, less any Lease Payments previously made. Any remaining insurance proceeds will be retained by District. In the alternative, District may elect to continue with the Facilities Lease in effect and have the Site and/or the Project rebuilt utilizing the insurance proceeds, which shall be exclusively used for that purpose. The Entity shall have no obligation to contribute funds for the rebuilding of the Site and/or the Project should the cost of rebuilding exceed the insurance proceeds. Anything less than a Total Destruction of the Site and/or the Project shall be deemed a “Partial Damage or Destruction.”

6.2.3 Partial Damage or Destruction. In the event that the Site and/or the Project is partially damaged or destroyed before final completion, the Entity shall repair and/or have repaired the Site and/or the Project utilizing the proceeds from insurance which were deposited into the Escrow up to the amount of the Entity’s actual costs for the repair or reconstruction, and District shall pay the Entity any excess amounts needed to pay the costs of repair or reconstruction. In the event the costs of repair or reconstruction do not exceed the amount held in the Escrow, the remaining funds shall be released to District. In the event that the Site and/or the Project is partially damaged or destroyed after final completion but before expiration of the Lease Term, the District shall repair or have repaired the Site and/or the Project utilizing the proceeds from insurance which were deposited into the Escrow. If District fails or refuses to repair or reconstruct as provided herein, then the Entity shall have the right to repair and restore the Site and/or the Project, in which case the Entity shall be entitled to a disbursement of the funds in the Escrow up to the amount of the Entity’s actual costs for the repair or reconstruction, and District shall pay the Entity any excess amounts needed to pay the costs of repair or reconstruction. In the event the costs of repair or reconstruction do not exceed the amount held in the Escrow, the remaining funds shall be released to District.

6.2.4 Deductibles; Self Insurance. Where any loss is covered by insurance required by this Facilities Lease which contains provisions for any deductible amount, the Party contractually obligated to provide such insurance shall pay any such deductible amount or the amount of any self-insurance, except if loss is caused by the other party, or its other contractors, subcontractors or suppliers.

6.2.6 Personal Property. Any insurance proceeds payable to District for losses to personal property contents within the Site and/or the Project shall be for the exclusive use of District, and may be utilized in whatever manner District, in its sole discretion, may designate.

ARTICLE 7. ACCESS; DISCLAIMER OF WARRANTIES.

7.1 By the Entity. The Entity shall have the right at all reasonable times, as further defined in Exhibit D, General Requirements, Section 01500 to enter upon the Site to construct the Project pursuant to this Facilities Lease. Following the acceptance of the Project by District, the Entity may enter the Project at reasonable times with advance notice and arrangement with District for purposes of making any repairs required to be made by the Entity.

7.2 By District. The District shall have the right to enter upon the Site at reasonable times for whatever purpose the District chooses, providing that during construction, the District shall comply with all safety precautions required by the Entity.

7.3 Disclaimer of Warranties. The Entity acknowledges that under the terms of the Site Lease, the Entity is leasing the Site from the District in an “AS IS” condition. The Entity further acknowledges that the District makes no other warranties except as specifically set forth in the Site Lease and this Facilities Lease or in Exhibit D hereto. The Entity agrees that it or its authorized contractor shall provide to the District an express warranty in accordance with Article 22 of the General Construction Terms and Conditions, Exhibit D hereto, and the Entity shall assign or direct its authorized contractor to assign all rights under said warranty to the District. In addition, the Entity agrees to use its best efforts to assist the District in enforcing said warranty. In the event that assignment of the warranty is not effective or valid or the Entity’s authorized contractor fails to honor the warranty, the Entity shall indemnify and hold the District harmless.

ARTICLE 8. ASSIGNMENT, SUBLEASING; AMENDMENT.

8.1 Assignment and Subleasing. Except as provided in Section 9.4, this Facilities Lease may not be assigned by the District. Any sublease by the District of this Facilities Lease shall be upon thirty (30) days’ written notice to the Entity and shall be subject to the following conditions: (1) this Facilities Lease and the obligation of the District to make Lease Payments hereunder shall remain obligations of the District; (2) the District shall, within thirty (30) days after the delivery thereof, furnish or cause to be furnished to the Entity a true and complete copy of such sublease; and (3) no such sublease by the District shall cause the Project or the Site to be used for a purpose other than a governmental or proprietary function authorized under the provisions of the Constitution and laws of the State of California. The District shall indemnify the Entity for any violation of applicable Education Code sections, including but not limited to sections 17402 and 17406, that may arise as a result of such sublease. This Facilities Lease may be assigned or subleased by the Entity only to an entity or affiliate of the Entity, but the Entity shall not be released from any liability under the terms of this Lease.

8.2 Amendment of this Facilities Lease. The parties anticipate that this Facilities Lease will be amended, by written agreement of the parties, to reflect the Total Base Rent and Lease Payment Schedule following Preconstruction Services, and may be amended at other times to reflect modifications to its terms. Without the written agreement of the parties, neither party will alter or modify, or agree or consent to alter or modify this Facilities Lease.

ARTICLE 9. EVENTS OF DEFAULT AND REMEDIES; TERMINATION.

9.1 Events of Default by the District. The following shall be “Events of Default” by the District under this Facilities Lease and the terms “Event of Default” and “Default” shall mean, whenever they are used in this Facilities Lease, any one or more of the following events:

9.1.1 Failure by the District to pay any Lease Payment required to be paid hereunder at the time specified herein, unless properly withheld pursuant to this Facilities Lease and/or the

provisions found in Exhibit D.

9.1.2 Failure by the District to observe and perform any covenant, condition or agreement in this Facilities Lease on its part to be observed or performed, other than as referred to in Section 9.1.1, for a period of thirty (30) days after written notice specifying such failure and requesting that it be remedied has been given to the District by the Entity; provided, however, if the failure stated in the notice cannot be corrected within the applicable period, the Entity shall not unreasonably withhold its consent to an extension of such time if corrective action is instituted by the District within the applicable period and diligently pursued until the default is corrected.

9.2 Remedies on Default by District. Whenever any Event of Default referred to in Section 9.1 hereof shall have happened and be continuing, it shall be lawful for the Entity to exercise any and all remedies available pursuant to law or granted pursuant to this Facilities Lease, including but not limited to the right to stop work and to extend the date of completion by the number of days the Project is delayed due to the Event of Default; provided, however, there shall be no right under any circumstances to accelerate the Lease Payments or otherwise declare any Lease Payments not then in default to be immediately due and payable. Each and every covenant hereof to be kept and performed by the District is expressly made a condition hereof and upon the breach thereof, the Entity may exercise any and all rights of entry and re-entry upon the Project and the Site, and also, at its option, with or without such entry, may terminate this Facilities Lease; provided, that no such termination shall be affected either by operation of law or acts of the parties hereto, except only in the manner herein expressly provided. In the event of such default and notwithstanding any re-entry by the Entity, the District shall, except as provided herein, continue to remain liable for the payment of the Lease Payments and/or damages for breach of this Facilities Lease and the performance of all conditions herein contained and, in any event such rent and/or damages shall be payable to the Entity at the time and in the manner as herein provided.

9.3 Event of Default by the Entity. The following shall be Events of Default by the Entity under this Facilities Lease and the terms “Event of Default” and “Default” shall mean, whenever they are used in this Facilities Lease, any one or more of the following events:

9.3.1 The Entity, or any member of the Entity, unreasonably refuses or fails to prosecute the work on the Project pursuant to the terms and conditions of this Facilities Lease, including Exhibits D and H, and/or the Plans and Specifications with such reasonable diligence as will accomplish its completion within the time specified or any extension thereof, or unreasonably fails to complete said work within such time.

9.3.2 Prior to completion of Project, the Entity should be adjudged a bankrupt, or file for bankruptcy or if it should make a general assignment for the benefit of its creditors, or if a receiver should be appointed on account of its insolvency, unless these conditions are cured within thirty (30) days.

9.3.3 The Entity, or any member of the Entity, persistently disregards applicable laws as referenced in the General Construction Terms and Conditions (Exhibit D), or otherwise be in

material violation of the General Construction Terms and Conditions.

9.4 Remedies on Default by the Entity.

9.4.1 If an Event of Default by the Entity remains uncured for a period of three (3) days for Preconstruction Services or thirty (30) days for construction services after District has given written notice specifying the failure and requesting that it be remedied, District may, in its sole discretion, and without prejudice to any other right or remedy, terminate the Site Lease and this Facilities Lease, including all provisions and Exhibits hereto, and acquire not less than all of the Entity's interest in the labor, equipment and materials provided under this Facilities Lease in its "as is, where is" condition and pay the Entity the sums due under the terms of this Facilities Lease consistent with the actual work completed as it relates to the Preconstruction Services fee or Total Base Rent payments as adjusted by the terms of this Facilities Lease, less any Lease Payments and other payments already paid as of the date of termination.

In the event that the District exercises this option to terminate after an uncured Event of Default by the Entity during construction services, the parties shall meet and confer and review the accounts and records of the Entity to determine the actual costs incurred by the Entity for the work completed and acceptable to the Architect and the District to the date of termination ("Actual Costs"), including both paid and unpaid. The Actual Costs of the work completed shall include the cost of any materials or equipment ordered and paid for (including any deposits paid toward final costs) but which have not been shipped or are stored off-site and any contractual obligations incurred by the Entity that cannot be cancelled or terminated without penalty. In addition, the Actual Costs shall include any development or overhead fees that have been earned based on the actual work completed as of the date of termination prorated based on the total cost of the Project. Once the Actual Costs have been agreed to by the Parties, or otherwise determined, if the Actual Costs are greater than the Base Rent and other payments made by the District for the completed work, then the difference will be payable by the District. If the Actual Costs are less than the Base Rent paid by the District, the Entity will pay the difference to the District. The District will assume any accounts payable and contractual obligations that cannot be cancelled or terminated for labor, materials or equipment ordered but not fully paid for by the Entity as of the date of termination. The Entity will cooperate with the District and assign any subcontracts with subcontractors or material providers to the District at the District's election. Upon payment as aforesaid and payment of all other amounts owed, the Entity shall deliver to the District all reasonably necessary documents in recordable form to terminate the Facilities Lease and the Site Lease and transfer title to the Project to the District. District may record all such documents as are necessary to accomplish such termination at the District's cost and expense and proceed to complete the Project in any manner deemed appropriate by the District. Any such payments required hereunder shall be paid within ten (10) days of the final determination of the amounts due.

9.4.2 Alternatively, the District may, without prejudice to any other right or remedy, serve upon the Entity and its surety written notice of default, declaring an Entity default, reserving the right to assign, and advising of the District's intention to require the Entity to assign the Entity's obligations under the Site Lease, the Facilities Lease, including Exhibit D hereto, and the Construction Documents as defined in Exhibit D hereto (the "Obligations") to a

party as designated by the District due to Entity's default. Such notice shall contain the reasons for the default. Unless, within thirty (30) days after the service of such notice, such violation shall cease and satisfactory arrangements for the correction thereof be made by the Entity, or in the event that Entity fails to cease such violation and make, in the District's sole discretion, satisfactory arrangements for the correction thereof, upon written notice from District of assignment ("Notice of Assignment"), Entity shall not be entitled to receive any further payment, except as provided for in this Section 9.4.2, and the District shall have the absolute right to designate an assignment of the Obligations from the Entity to another party. The Entity and its surety hereby consent to such assignment.

9.4.2.1 In the event of service of a Notice of Assignment upon the Entity and its surety, the Entity's surety shall have the right to take over and complete the Project by giving the District written notice of such within fifteen (15) days after service upon it of the Notice of Assignment. If the surety fails to commence performance thereof within thirty (30) days from date of serving such notice, the District may require that the Entity and/or the surety assign the Obligations to a party designated by the District. The District may, without liability for doing so, take possession of and utilize in completing the work such materials, appliances, plants, and other property belonging to the Entity as may be on the site of the work and necessary therefore.

9.4.2.2 If the unpaid balance of the Total Base Rent exceeds the expenses of finishing the work including compensation for additional managerial and administrative services, such excess shall be paid to the Entity. If such expenses exceed such unpaid balance, the Entity shall pay the difference to District within sixty (60) days of recordation of the Notice of Completion for the Project. Any expense incurred by the District as herein provided, and damage incurred through the Entity's default shall be certified by the Architect.

9.4.2.3 The foregoing provisions are in addition to and not in limitation of any other rights or remedies available to the District.

9.4.3 In the event it is determined that the District did not have cause to issue a Notice of Assignment under Section 9.4.2, the Entity shall only be entitled to receive compensation in accordance with Section 9.4.1.

9.5 No Remedy Exclusive. No remedy herein conferred upon or reserved to the parties is intended to be exclusive and every such remedy shall be cumulative and shall be in addition to every other remedy given under this Facilities Lease or now or hereafter existing at law or in equity. No delay or omission to exercise any right or power accruing upon any Default shall impair any such right or power or shall be construed to be a waiver thereof, but any such right and power may be exercised from time to time and as often as may be deemed expedient. In order to entitle the parties to exercise any remedy reserved to them in this Article 9, it shall not be necessary to give any notice, other than such notice as may be required in this Article or by

law.

9.6 Termination for Convenience. The District has the absolute right to terminate the Facilities Lease and the Site Lease without cause and for its convenience upon fourteen (14) days' written notice to the Entity. In the event of termination without cause during Preconstruction Services, the Entity shall be entitled to payment in an amount not to exceed the Preconstruction Services fee which shall be calculated as follows: (1) the percentage completion of items of preconstruction services by Entity as accepted by the District; plus (2) other reasonable costs actually incurred by Entity in connection with termination; provided, however, that in no event shall Entity be paid an amount which exceeds the Preconstruction Services fee for any item of Preconstruction Services. In the event of such termination without cause during construction services, the District shall pay the Entity the earned but unpaid actual costs, calculated in accordance with Section 9.4.1, plus ten percent (10%) of the remaining Entity fee for the Project. The Entity shall not be entitled to any further compensation.

If the Facilities Lease and Site Lease are terminated by the District for default, and it is later determined that the default termination was wrongful, such termination automatically shall be converted to and treated as a termination for convenience under this section, and Entity shall be entitled to receive only the amounts payable hereunder in compensation.

9.7 No Additional Waiver Implied by One Waiver. In the event any agreement contained in this Facilities Lease should be breached by either party and thereafter waived by the other party, such waiver shall be limited to the particular breach so waived and shall not be deemed to waive any other breach hereunder.

9.8 Application of Proceeds. All amounts derived by the Entity as a result of an Event of Default hereunder, shall be applied to the Lease Payments in order of payment date.

ARTICLE 10. MISCELLANEOUS.

10.1 Notices. Any notice to either party shall be in writing and given by delivering the same to such party in person, or by sending the same by registered or certified mail, return receipt requested, with postage prepaid, or by delivering any notice by nationally recognized overnight delivery service (such as Federal Express) for next business day delivery, to the following addresses:

To the District: 5735 47th Ave.
Sacramento, CA 95824-4528
Attention: Chris Ralston

To the Entity: **Entity Name**
Address
City, State Zip
Attention: _____

Any party may change its mailing address at any time by giving written notice of such change to the other parties in the manner provided therein. All notices under this Facilities Lease shall be deemed given, received, made or communicated on the date personal delivery is effected, or if mailed or sent by overnight delivery service, on the delivery date or attempted delivery date shown in the return receipt. No party shall refuse or evade delivery of any notice.

10.2 Binding Effect. This Facilities Lease shall inure to the benefit of and shall be binding upon The Entity and the District and their respective successors, transferees and assigns.

10.3 Severability. In the event any provision of this Facilities Lease shall be held invalid or unenforceable by any court of competent jurisdiction, such holding shall not invalidate or render unenforceable any other provision hereof, unless elimination of such invalid provision materially alters the rights and obligations embodied in this Facilities Lease or the Site Lease.

10.4 Further Assurances and Corrective Instruments. The Entity and the District agree that they will, from time to time, execute, acknowledge and deliver such supplements hereto and such further instruments as may reasonably be required for correcting any inadequate or incorrect description of the Site or the Project hereby leased or intended to be leased.

10.5 Execution in Counterparts. This Facilities Lease may be executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

10.6 Applicable Law. This Facilities Lease shall be governed by and construed in accordance with the laws of the State of California.

10.7 The Entity and District Representatives. Whenever under the provisions of this Facilities Lease the approval of the Entity or the District is required, or the Entity or the District is required to take some action at the request of the other, such approval or such request shall be given for the Entity by the Entity's Representative and for the District by the District's Representative, and any party hereto shall be authorized to rely upon any such approval or request.

10.8 Captions. The captions or headings in this Facilities Lease are for convenience only and in no way define, limit or describe the scope or intent of any provisions or Sections of this Facilities Lease.

10.9 Interpretation. It is agreed and acknowledged by District and the Entity that the provisions of this Facilities Lease and its Exhibits have been arrived at through negotiation, and that each of the parties has had a full and fair opportunity to revise portions of this Facilities Lease and its Exhibits and to have such provisions reviewed by legal counsel. Therefore, the normal rule of construction that any ambiguities are to be resolved against the drafting party shall not apply in construing or interpreting this Facilities Lease and its Exhibits.

10.10 Time. Time is of the essence of each and all of the terms and provisions of this Facilities Lease and its Exhibits.

10.11 Force Majeure. Except as otherwise provided herein, a party shall be excused from the performance of any obligation imposed in this Facilities Lease and the exhibits hereto for any period and to the extent that a party is prevented from performing such obligation, in whole or in part, as a result of delays caused by the other party or third parties, other than third parties under the control or supervision of the party hereto charged with the delay, a governmental agency or entity, an act of God, war, terrorism, civil disturbance, forces of nature, fire, flood, earthquake, strikes or lockouts, and such non performance will not be a default hereunder or a grounds for termination of this Facilities Lease.

10.12 Estoppel Certificates. Each party, within twenty (20) days after written notice from the other party, shall execute, acknowledge and deliver to the other party in recordable form an estoppel certificate certifying that this Facilities Lease is: (i) unmodified and in full force and effect, or if there have been modifications, that the same is in full force and effect as modified and stating the modifications; (ii) the amount of the Lease Payments and any Additional Payments then owing but currently unpaid; and (iii) stating whether or not the other party is in default in the performance of any provision of this Facilities Lease, and if so, specifying each such default of which the party may have knowledge. Each party shall only be required to certify the foregoing information to the extent that such information is truthful and accurate.

10.13 Attorneys' Fees; Disputes. In the event that either party is required to institute legal proceedings to enforce this Lease, in whole or in part, the prevailing party shall be entitled to recover its reasonable attorneys' fees, costs and expenses. The parties further agree that any action of proceeding brought to enforce the terms and conditions of this Facilities Lease shall be maintained exclusively in Sacramento County, California.

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10.14 Recitals Incorporated. The Recitals set forth at the beginning of this Facilities Lease are hereby incorporated into its terms and provisions by this reference.

IN WITNESS WHEREOF, the parties hereto have caused this Facilities Lease to be executed by their respective duly authorized officers, to be effective as of the day and year first written above.

Sacramento City Unified School District,

A school district organized and existing under the laws of the State of California

By: _____
Name and Title

By: _____
Name and Title

Contract: Contract amount(s) Project #(s) bc #(s)

Entity:
Entity Name

Signature: _____

By: _____

Title: _____

Business Address: _____

License Number: _____ Exp. Date: _____

DIR Registration #: _____ Exp. Date: _____

Federal Tax ID #: _____

EXHIBIT A

THE PROJECT

The name of the Project is **Ethel Phillips Elementary School Campus Renewal Project** to be constructed at **2930 21st Ave, Sacramento, CA 95820** consists of construction, in accordance with the Plans and Specifications prepared by **HMC Architects**.

The Project shall include, but not be limited to, campus wide exterior and interior painting, classroom floor replacement, replace whiteboards and tackboards in classrooms, toilet room accessibility improvements, addition of new security cameras, site accessibility improvements, kindergarten/TK classroom relocation, modernization of existing building for admin use, redesign of main parking lot including repaving and restriping, removal of three (3) existing apparatus and replace with new, new PC shade structures, replacing existing built up roofing, HVAC upgrades, new landscape throughout site including replacement of existing irrigation systems, new PC modular buildings, new PC shade structure with photovoltaics in parking lot, modernization of existing kitchen facilities, interior remodel of administration area, new fencing throughout site, replacement of the existing storm drain, sanitary sewer, and domestic water line to edge of buildings.

EXHIBIT B

DESCRIPTION OF THE SITE

The Site leased is all of that area inside the (colored boundary) on the map shown below.



EXHIBIT C

LEASE PAYMENT SCHEDULE/TBR CALCULATION

[TO BE ADDED BY AMENDMENT]

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EXHIBIT C
QUALIFICATIONS & ASSUMPTIONS
[TO BE ADDED BY AMENDMENT]

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EXHIBIT C
EXCLUSIONS AND WORK NOT INCLUDED
[TO BE ADDED BY AMENDMENT]

1 **LIST OF PLANS, SPECIFICATIONS AND OTHER DOCUMENTS**

2
3 **[DSA DRAWINGS & SPECIFICATIONS INDEX TO BE ADDED BY AMENDMENT]**

4
5
6 **NOTE: THIS SECTION SHOULD INCLUDE BUT NOT LIMITED TO DSA 103;**
7 **GEOTECHNICAL REPORT(S); HAZARDOUS MATERIAL REPORT(S); DSA APPROVED**
8 **ADDENUMS; OUTSIDE AGENCY APPLICATIONS; APPROVED PHASING PLAN AS**
9 **APPLICABLE TO PROJECT; AND DOCUMENTS APPLICABLE TO THIS PROJECT.**

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August 20, 2024

Sacramento City Unified School District
c/o Mr. Ryan Wade
Kitchell CEM
2450 Venture Oaks Way, Ste 500
Sacramento, California 95833

Geotechnical Engineering Report
ETHEL PHILLIPS MODERNIZATION
2930 21st Avenue
Sacramento, California 95820
File No. 3073-002.00P

INTRODUCTION

Our firm has completed this geotechnical engineering report for the proposed modernization at the existing Ethel Phillips Elementary School campus in Sacramento, California. The purposes of this investigation have been to explore the existing soil and groundwater conditions at the site, and to provide geotechnical engineering conclusions and recommendations for use by the other members of the design team for design and construction of the proposed project. This report presents the results of our study.

Scope of Services

Our scope of services for this project included the following tasks:

1. perform a site reconnaissance;
2. review of United States Geological Survey (USGS) topographic maps, aerial photographs and available groundwater data;
3. perform subsurface explorations, including the drilling and sampling of nine borings to depths of about five to 16½ feet below the existing ground surface (bgs);

4. collect representative bulk samples of soils;
5. perform laboratory testing of selected soil samples;
6. perform engineering analyses; and,
7. preparation of this report.

Figures and Attachments

This report contains a Site Plan showing the boring locations as Plate 1 and the Logs of Soil Borings as Plates 2 through 10. A Unified Soil Classification System is included on Plate 11, which includes nomenclature used to describe the soils. Laboratory test results are included as Plates 12 through 16.

Field Exploration and Laboratory Testing

As part of our study for the proposed improvements, our field exploration included the drilling and sampling of nine soil borings (B1 through B9) at the approximate locations shown on Plate 1.

The borings were performed on July 31, 2024 to depths of about five to 16½ feet below existing site grades utilizing a CME-55 HT truck-mounted drilling rig equipped with six-inch-diameter solid flight augers. At various intervals, soil samples were recovered with a 2½-inch outside diameter (O.D.), 2-inch inside diameter (I.D.), modified California split-spoon sampler. The samplers were driven by an automatic 140-pound hammer freely falling 30 inches. The number of blows of the hammer required to drive the 18-inch-long samplers each six-inch interval were recorded. The sum of the blows required to drive the sampler the lower 12-inch interval is designated the penetration resistance or "blow count" for that particular drive.

The modified California samples were retained in 2-inch diameter by 6-inch long, thin-walled brass tubes contained within the sampler. After recovery, the field representative visually classified the soil recovered in the tubes. After the samples were classified, the ends of the tubes and plastic bags were sealed to preserve the natural moisture contents.

In addition to the driven samples, representative bulk samples of near-surface soils also were collected and retained in plastic bags. Driven and bulk samples were taken to our laboratory for additional soil classification and selection of samples for testing.

Selected undisturbed soil samples were tested to determine dry unit weight (American Society of Testing and Materials [ASTM] D2937) and natural moisture content (ASTM D2216). The results of these tests are included on the boring logs at the depth each tested sample was obtained. Two representative samples of the near-surface soil were subjected to Expansion Index testing (ASTM D4829); the results of this test are presented on Plate 12.

One representative sample of the near-surface soil was subjected to Plasticity Index testing (ASTM D4318); the results of this test is presented on Plate 13.

Two representative samples of anticipated pavement subgrade soils were subjected to Resistance “R” Value testing in accordance with California Test 301. The results of the test are presented in Plate 14.

Two samples of representative near-surface soil were submitted to Sunland Analytical to determine the soil pH and minimum resistivity (California Test 643), Sulfate concentration (California Test 417), and Chloride concentration (California Test 422). The test results are presented in Plates 15 and 16.

Proposed Construction

Based on our correspondence with Kitchell and review of a *Site Improvement Plan* prepared by HMC Architects, we understand the project will consist of the modernization of the existing campus, including a new kindergarten building at the west end of the campus, new playground areas, new outdoor covered eating area, new hardcourts, new parking and drive area, new fire lane, new sidewalks, and a new turf field (we understand the new turf field may be constructed of synthetic turf).

We understand the new kindergarten building will be a single-story, slab-on-grade structure covering about 3000 square feet in plan area. We understand the new building will be a wood-frame structure or a modular building.

Grading plans were not available; however, based on the existing site topography, we anticipate excavations and fills on the order of one to two feet will be required for development of the site, excluding underground utilities.

FINDINGS

Site Description

The project site is located at the existing Ethel Phillips Elementary School located at 2930 21st Avenue in Sacramento, California. The property is bounded to the north by 21st Avenue; beyond which is existing residential development, to the south and east by also existing residential development, and to the west by commercial development; beyond which is Franklin Boulevard. At the time of our field exploration in July of 2024, the area of the proposed structures is vacant land covered in grass, used as a play area. A majority of the proposed fire lane area is occupied by existing asphalt concrete. The proposed covered eating area is currently occupied by asphalt concrete hardcourts.

Based on our observations, the site is generally flat across the school campus. Review of a *United States Geological Survey (USGS) 7.5-Minute Series Topographic Map of the Sacramento East Quadrangle*, dated 2021, indicates the existing ground surface at the site is approximately +25 feet relative mean sea level (msl) referencing the North American Vertical Datum of 1988 (NAVD88).

Historical Aerial Photograph Review

Review of historic aerial photographs from 1947, 1957, 1964, 1966, 1984, 1993, 1998, 2002, 2005, 2009, and every other year from 2010 through 2024. In 1947, the school site appears to be occupied by residential structures or vacant land. The aerial of 1957 reveals that a majority of the school campus on eastern end has been developed. The structures on the western end of the school campus can first be seen in the 1998 aerial photograph. Pavement improvements (hardcourt and new parking areas) can be seen in the 2002 photograph. Between 2002 and 2022 the site has remained essentially the same. At the time of our field reconnaissance in July 2024, the site has remained relatively unchanged since 2002.

Soil Conditions

Nine exploratory borings (B1 through B9) were performed on July 31, 2024 at the approximate locations shown on Plate 1.

Boring locations B1, B5, and B7 were performed within existing asphalt concrete surfaces and the asphalt thicknesses encountered varied from about three to six inches at those borings. The aggregate based encountered beneath the asphalt concrete ranged from 10 to 12 inches thick.

The soil conditions at the surface or beneath the existing pavements at the boring locations generally consists of stiff to hard variably cemented lean clay (locally known as “hardpan”) with varying clay, silt, and sand content to the explored depth of five to 16½ feet bgs. At location B3, hard silt with sand was encountered beneath the clay layer.

Following completion of the drilling and sampling at the boring locations, the boreholes were backfilled with native soil cuttings. Borings through asphalt concrete surface were sealed with non-shrink concrete patch painted with black dye.

For specific information regarding the soil conditions at a specific exploration location, please refer to the Logs of Soil Borings, Plates 2 through 10.

Groundwater

Groundwater was not encountered within the explored five to 16½ foot bgs at the boring locations performed on July 31, 2024.

To supplement the groundwater data, we reviewed available groundwater data published by the California Department of Water Resources (DWR, 2019) from a monitoring well (08N05E18Q001M) located about ½ -mile northeast of the site. DWR has monitored water levels in the well from October 1963 to October 2017, however the data recorded from April 2011 to October 2017 at this well are listed as questionable data. Ground surface elevation at the well is indicated to be about +27 feet msl which is similar to the school site’s elevation of +25 feet msl. Groundwater measurements at the DWR well have a “high” groundwater elevation of about +6 feet msl in July 2015, which is about 21 feet bgs at the well location. Groundwater measurements at the DWR well recorded a “low” groundwater elevation of about -17 feet msl in October 1966, which is about 44 feet bgs at the well location. Based on this data, groundwater elevations in the vicinity of the site have fluctuated from about 21 to 44 feet below the existing ground surface during the last 60 years.

CONCLUSIONS

Seismic Design - 2022 CBC/ASCE 7-16 Seismic Design Criteria

The 2022 California Building Code (CBC) references the American Society of Civil Engineers (ASCE) Standard 7-16 for seismic design. To assist with the structural design of this project, we have provided seismic design parameters for the 2022 CBC; which have been determined based

on the sites locations and the web interface developed by the Structural Engineers Associate of California (SEAOC) and the Office of Statewide Health Planning and Development (OSHPD).

Review of the geology of the area indicates the site is underlain by the Pleistocene-aged (10,000 to 700,000 years before present) lower unit of the Riverbank Formation. The Riverbank Formation has been identified as a material meeting Site Classification C (Wills, et al., 2001¹).

The seismic design parameters summarized below in Table 1 may be used for seismic design of the planned improvements at the site.

Table 1: 2022 CBC Seismic Design Parameters

Latitude: 38.5330° N Longitude: 121.4781° W	ASCE 7-16 Table/Figure	2022 CBC Figure/Section/Table	Factor/ Coefficient	2022 CBC Values
0.2-second Period MCE	Figure 22-1	Figure: 1613.2.1(1)	S _s	0.570 g
1.0 second Period MCE _R	Figure 22-2	Figure: 1113.2.1(2)	S ₁	0.253 g
Soil Class	Table 20.3-1	Section: 1613.2.2	Site Class	C
Site Coefficient	Table 11.4-1	Table: 1613.2.3 (1)	F _a	1.272
Site Coefficient	Table 11.4-2	Table: 1613.2.3(2)	F _v	1.500
Adjusted MCE Spectral Response Parameters	Equation 11.4-1	Equation: 16-36	S _{MS}	0.725 g
	Equation 11.4-2	Equation: 16-37	S _{M1}	0.380 g
Design Spectral Acceleration Parameters	Equation 11.4-3	Equation: 16-38	S _{DS}	0.483 g
	Equation 11.4-4	Equation: 16-39	S _{D1}	0.253 g
Seismic Design Category	Table 11.6-1	Table: 1613.2.5(1)	Risk Category I to IV	D
	Table 11.6-2	Table: 1613.2.5(2)	Risk Category I to IV	D

Notes: MCE_R = Risk-Targeted Maximum Considered Earthquake; g = gravity

¹ Wills, C.J, et al, 2000, "A Site Conditions Map for California Based on Geology and Shear-Wave Velocity," Bulletin of the Seismological Society of America, 90, 6B., pp.S187-S208, December 2000.

Based on the results of our subsurface exploration, the known geologic, seismic, groundwater and soil conditions, it is our opinion that the potential for liquefaction occurring at the site during seismic events is low and does not need to be accounted for in design.

Soil Expansion Potential

Laboratory test results on near-surface soils encountered at boring locations B3 and B7 indicate these materials were found to have low expansion potential when tested in accordance with ASTM D4318 test method as shown in Plate 12. Additional laboratory test performed on the soil samples indicate these material possesses low plasticity when tested in accordance with the ASTM D4318 test method as shown in Plate 13.

Based on the laboratory test results and the soil conditions encountered at the site, special site preparation or foundation design to mitigate the effects of expansive soils will not be required for development of this site.

Bearing Capacity

The results of our study indicate the undisturbed site soils can provide adequate support for the proposed improvements provided the recommendations of this report are carefully followed. Clearing operations to remove vegetation and remnants of any existing improvements (i.e., hardcourts, classrooms, etc.) will disturb the underlying materials and create loose and variable soil conditions. Disturbed soils must be excavated to expose a firm base and the excavations widened, as necessary to provide equipment access, and backfilled with engineered fill to provide uniform support for the planned structures. Engineered fill that is properly placed and compacted as recommended in this report will be capable of supporting the proposed structures and pavements.

Pavement Subgrade Quality

Laboratory test results indicate the near-surface clays are moderate quality materials for support of asphalt concrete pavements. Laboratory tests on near-surface soil collected from the site revealed that these materials possess Resistance (“R”) values of 23 and 36 when tested in accordance with California Test 301 as shown on Plate 14.

Effect of New Construction on Existing Development

There are existing buildings and other improvements (e.g., pavements, exterior flatwork, underground utilities, etc.) adjacent to the planned buildings. We assume that the buildings are supported on conventional shallow foundations (isolated spread and/or continuous footings). For excavations that will encroach within a one horizontal to one vertical (1H:1V) projection from the bottom of the existing building foundations, stabilizing the existing buildings and/or other improvements using an underpinning system that supports the existing foundations may be required should be evaluated by the Geotechnical Engineer in coordination with the design team.

Groundwater Effect on Development

Free groundwater was not encountered in the explored five to 16½ feet bgs of the borings performed at the site in July of 2024. Review of available groundwater data revealed the groundwater elevation at nearby monitoring wells has ranged from 21 to 44 feet below the existing ground surface.

Groundwater levels at the site should be expected to fluctuate throughout the year based on variations in seasonal precipitation, local pumping, and other factors. Locally perched shallower groundwater may be encountered.

Based on current explorations performed at the site and historical groundwater data, we do not anticipate excavations within about 20 feet of the existing ground surface to encounter permanent groundwater, although locally perched water could be encountered and require localized dewatering (depending on the time of year). If perched is encountered, the use of sumps or submersible pumps could be used as methods to lower the groundwater level.

If excavations extend deeper than about 20 feet below the ground surface, dewatering may be required. The dewatering method used will depend on the soil conditions, depth of the excavation and amount of groundwater present within the excavation. Dewatering, if required, should be the contractor's responsibility. The dewatering system should be designed and constructed by a dewatering contractor with local experience. We recommend the selected dewatering system lower the groundwater level to at least two feet below the bottom of the proposed excavations.

Seasonal Water

During the wet season, infiltrating surface runoff water will create a saturated surface condition. It is probable that grading operations attempted following the onset of winter rains and prior to prolonged drying periods will be hampered by high soil moisture contents, especially due to the relatively low permeability of the near-surface soils and underlying cemented soils. Such soil, intended for use as engineered fill, will likely require a prolonged period of dry weather and/or considerable aeration to reach a moisture content suitable to achieve required compaction. This should be considered in the construction schedule for the project.

Soils beneath existing pavements will likely be at an elevated moisture content regardless of the time of year and will require drying before compaction or use as fill. Such soils, intended for use as engineered fill, will require considerable aeration and/or drying to reach a moisture content that will permit the soils to be properly compacted. This should be considered in the construction schedule for the project.

Typical remedial measures include discing and aerating the soils during dry weather, mixing the soils with dryer materials, removing and replacing the soils with an approved fill material, stabilization with a geogrid reinforcement, and/or mixing the soils with an approved hydrating agent such as a lime or cement product. Our firm should be consulted prior to implementing any remedial measure to observe the unstable subgrade condition and provide site-specific recommendations.

Excavation Conditions

The surface and near-surface soils should be readily excavatable with conventional construction equipment. The underlying cemented soils (locally referred to as “hardpan”) will be slower to excavate, but special excavation equipment is not anticipated. Subsurface remnants from previous development, if any, at the site can be slow to excavate with a standard, rubber-tired backhoe; however, experience has shown that excavators can remove these materials with moderate effort.

Based on the borings performed at the site, excavations associated with building foundations, shallow trenches for utilities, and other excavations less than five feet deep associated with the planned construction, should stand vertically for short periods of time (i.e., less than one day) required for construction.

Excavations deeper than five feet that will be entered by workers should be sloped, braced, or shored in accordance with current Occupational Safety and Health Administration (OSHA) regulations. The contractor must provide an adequately constructed and braced shoring system in accordance with federal, state, and local safety regulations for individuals working in an excavation that may expose them to the danger of moving ground.

Excavated materials should not be stockpiled directly adjacent to an open trench to prevent surcharge loading of the trench sidewalls. Excessive truck and equipment traffic also should be avoided near open trenches. If material is stored or heavy equipment is operated near an excavation, stronger shoring would be needed to resist the extra pressure due to the superimposed loads.

Soil Suitability for Engineered Fill Construction

The existing on-site soils are considered suitable for use as engineered fill provided that they do not contain significant quantities of organics, rubble and deleterious debris, and are at a proper moisture content to achieve the desired degree of compaction.

Existing pavements (asphalt concrete and concrete) and concrete improvements within areas to be removed and replaced may be broken up and pulverized for use as fill. Asphalt and Portland cement concrete rubble may be used as fill provided it is processed into fragments less than three inches in largest dimension, is mixed with soil to form a compactable mixture, and is approved by the Owner. Note that reuse of the pulverized materials is only acceptable from a geotechnical perspective and should be approved by the Owner prior to use.

Clean aggregate base materials recovered from pavement demolition, if any, may be used in engineered fill construction. The existing asphalt concrete may be pulverized and used as engineered fill and/or aggregate sub-base outside the planned building footprints provided the material is pulverized to less than three inches in largest dimension and mixed to form a compactable mixture.

Preliminary Soil Corrosion Potential

Two samples of near-surface soil were submitted to Sunland Analytical Lab of Rancho Cordova, California for testing to determine minimum resistivity, pH, and chloride and sulfate concentrations to help evaluate the potential for corrosive attack upon reinforced concrete and

buried metal. The results of the corrosivity testing are summarized in Table 2. Copies of the corrosion test reports are presented on Plates 15 and 16.

Table 2: Corrosion Test Results

Sample Location	Depth (feet)	Soil Type	Analyte / Test Method			
			pH	Chloride Content (ppm)	Sulfate Content (ppm)	Resistivity (ohm-cm)
			CA DOT 643 Modified*	CA DOT 422	CA DOT 417	CA DOT 643 Modified*
B2	1.5	CL	6.41	1.5	13.0	4,020
B7	2.0	CL	--	--	<.1	4,020

Notes: * = Small cell method CA DOT = California Department of Transportation
 Ω-cm = Ohm-centimeters ppm = Parts per million

The California Department of Transportation Corrosion and Structural Concrete Field Investigation Branch, Corrosion Guidelines, Version 3.2, dated March 2021, considers a site to be corrosive to foundation elements if one or more of the following conditions exists for the representative soil and/or water samples taken: has a chloride concentration greater than or equal to 500 ppm, sulfate concentration greater than or equal to 2000 ppm, or the pH is 5.5 or less.

Based on the above test results, the on-site soils are not considered corrosive to buried metal or to concrete for the samples tested.

Table 19.3.1.1 – Exposure Categories and Classes, of American Concrete Institute (ACI) 318-19, Section 19.3 – Concrete Durability Requirements, as referenced in Section 1904.1 of the 2022 CBC, indicates the severity of sulfate exposure for the samples tested is Exposure Class S0. Exposure Class S0 is assigned for conditions where the water-soluble sulfate concentration in contact with concrete is low and injurious sulfate attack is not a concern. The project structural engineer should review the requirements of ACI 318 and determine their applicability to the site.

Raney Geotechnical, Inc. are not corrosion engineers. Therefore, if it is desired to further define the soil corrosion potential at the site a corrosion engineer should be consulted.

RECOMMENDATIONS

General

The recommendations presented below are appropriate for typical construction in the late spring through fall months. The on-site soils likely will be saturated by rainfall in the winter and early spring months and will not be compactable without drying by aeration or chemical treatment. Should the construction schedule require work to continue during the wet months, additional recommendations can be provided, as conditions dictate.

Site preparation should be accomplished in accordance with the provisions of this report. A representative of the Geotechnical Engineer should be present during all earthwork operations to evaluate compliance with the recommendations included in this report. The Geotechnical Engineer of Record referenced herein should be considered the Geotechnical Engineer that is retained to provide geotechnical engineering observation and testing services during construction.

Site Clearing

The site should be cleared of all surface and subsurface debris; remnants of prior structures, if any; utilities to be relocated or abandoned, including trench backfill and associated pipe bedding material, if any; and, any other items designated for removal. Where practical, site clearing should extend at least two feet beyond the limits of the planned improvement areas.

Surface vegetation should be removed by stripping. Strippings may be stockpiled for later use in landscape areas or disposed of off-site. Strippings should not be used in general fill construction, but may be used in landscaped areas, provided they are kept at least five feet from any structure, including adjacent flatwork and pavements, moisture conditioned, and receive compactive effort.

Existing trees designated for removal, if any, should include the entire rootball and roots larger than ½-inch in diameter. Adequate removal of debris and roots may require laborers and handpicking to clear the subgrade soils to the satisfaction of the Geotechnical Engineer's on-site representative.

Depressions resulting from removal of the above items, as well as any loose, soft, or saturated soils should be cleaned out to firm native soil and backfilled with engineered fill in accordance with the recommendations in this report. It is important that the Geotechnical Engineer's representative be present on a periodic basis during clearing operations to verify adequate

removal of the surface and subsurface items, as well as the proper backfilling of resulting excavations.

Subgrade Preparation

Structural areas to receive fill, remain at-grade or achieved by excavation, should be scarified to a depth of at least six inches. The scarified soil should be thoroughly moisture conditioned to at least optimum and compacted to at least 90 percent relative compaction. Relative compaction and optimum moisture should be based on the maximum dry density as determined in accordance with the ASTM D1557 Test Method.

The upper six inches of final pad grade should be thoroughly moisture conditioned to at least the optimum moisture content, and uniformly compacted to at least 90 percent of the ASTM D1557 maximum dry density at a moisture content of at least the optimum moisture.

The upper six inches of pavement subgrade should be moisture conditioned to at least the optimum moisture content and compacted to no less than 95 percent relative compaction, regardless of whether final subgrade is achieved by excavation, filling or left at existing grade. Final pavement subgrade processing and compaction should be performed after completion of underground utilities and must be stable under construction traffic prior to aggregate base placement.

Final pavement subgrade processing and compaction should be performed just prior to placement of aggregate base, after construction of underground utilities is complete. The moisture content of the subgrade soils must be maintained until covered by aggregate base, or the subgrade soils re-moisture conditioned just prior to base placement.

To help identify unstable pavement subgrades, a proof-roll should be performed with a fully-loaded water truck on the exposed pavement subgrades prior to placement of aggregate base. The proof-roll should be observed by a representative of the Geotechnical Engineer.

If unstable soil conditions are encountered during subgrade preparation, stabilizing the subgrade soils may be required to achieve a stable pavement subgrade. Typical recommendations for stabilizing unstable soil subgrades include: cross-rip, blade, and aerate; removal and replacement; geogrid stabilization; and/or, chemical treatment. Stabilization recommendations will depend on the actual conditions encountered at the time of construction and should be determined by the project team, including the Geotechnical Engineer. Typically geogrid

stabilization of isolated unstable areas is the most efficient stabilization technique and considered the most likely stabilization option at the site.

If hardpan, as identified by the Geotechnical Engineer's representative, is encountered at the exposed ground surface, scarification and recompaction as noted above is not required.

Site clearing and compaction operations should be performed in the presence of the Geotechnical Engineer's representative who will evaluate the performance of the subgrade under compactive load and identify loose or unstable soils that could require additional subgrade preparation.

Engineered Fill

On-site soils are considered suitable for use in engineered fill construction, provided they do not contain significant concentrations of organic materials, rubble debris, or particles greater than three inches in maximum dimension.

Imported fill materials, if required, should be compactable granular materials with an Expansion Index of 20 or less; an organic content less than five percent; do not contain particles greater than three inches in maximum dimension, and be within a compactable moisture content. Additionally, import fill materials that will be used within pavement areas should be non-expansive and have a minimum Resistance value of 20 when tested in accordance with California Test 301.

Imported fill should be observed and approved by the Geotechnical Engineer at least three business days prior to being transported to the site. Also, if import fills are required (other than aggregate base), the contractor must provide appropriate documentation that the import is clean of known contamination and within acceptable corrosion limits.

Engineered fill should be placed in lifts not exceeding six inches in compacted thickness with each lift being uniformly moisture conditioned to at least the optimum moisture content and compacted to not less than 90 percent of the maximum dry density per ASTM D1557.

The upper six inches of final pad grade should be thoroughly moisture conditioned to at least the optimum moisture content, and uniformly compacted to at least 90 percent of the ASTM D1557 maximum dry density at a moisture content of at least the optimum moisture.

The upper six inches of final pavement subgrade should be uniformly compacted to at least 95 percent of the ASTM D1557 maximum dry density at a moisture content of at least the optimum moisture and must be stable under construction traffic prior to placement of aggregate base.

Permanent excavation and fill slopes should be constructed no steeper than two horizontal to one vertical (2H:1V) and should be vegetated as soon as practical following grading to minimize erosion. As a minimum, the following erosion control measures should be considered: placement of straw bale sediment barriers or construction of silt filter fences in areas where surface run-off may be concentrated. Slopes should be over-built and cutback to design grades and inclinations.

A representative of the Geotechnical Engineer should be present during site preparation and all grading operations to observe and test the fill to verify compliance with these recommendations and the project specifications.

Utility Trench Backfill

Bedding of utilities and initial backfill should be in accordance with the manufacturer's recommendations for the pipe materials selected.

Utility trench backfill should be placed in relatively thin lifts, uniformly moisture conditioned to at least the optimum moisture content and mechanically compacted to at least 90 percent of the ASTM D1557 maximum dry density. The actual lift thickness should be determined in the field based on material type and compaction equipment used. Utility trench backfill should be continuously observed and tested during construction.

Trench backfill materials and compaction within street rights-of-way should conform to the applicable portions of the current Sacramento County standards, latest edition. The upper six inches of utility trench backfill within pavement areas should be compacted to at least 95 percent of the ASTM D1557 maximum dry density.

Underground utility trenches, which are aligned nearly parallel with foundations, should be located at least three feet from the outer edge of foundations. Trenches should not encroach into the zone extending outward at a one horizontal to one vertical (1H:1V) inclination below the bottom of the foundations.

Foundation Design

Based on our understanding of the proposed improvements, we anticipate the new kindergarten building will be supported on shallow, spread foundations. The proposed shade structures can be supported on isolated spread and/or drilled pier foundation systems. The sections below provide design parameters for each system.

Shallow, Spread Foundations

The proposed kindergarten building and shade structures may be supported upon isolated spread foundations extending at least 18 inches into the final subgrade level, as measured from lowest adjacent soil grade. Isolated spread foundations should maintain a minimum 18-inch dimension.

Foundations bearing on undisturbed native soils and/or engineered fill may be sized for maximum vertical compressive loads utilizing a maximum allowable soil bearing pressures of 3000 pounds per square foot (psf) for dead plus live load; this bearing value may be increased by one-third to include the effects of seismic or wind forces. The weight of foundation concrete extending below lowest adjacent soil grade may be disregarded in sizing computations.

We recommend that all foundations be adequately reinforced to provide structural continuity, mitigate cracking, and enable spanning of local soil irregularities. Reinforcement should be determined by the project structural engineer.

Resistance to lateral displacement of shallow foundations may be computed using an ultimate friction factor of 0.25 multiplied by the effective vertical load on each foundation. Additional lateral resistance may be achieved using an ultimate passive earth pressure against the vertical projection of the foundation equal to an equivalent fluid pressure of 300 psf per foot of depth. These two modes of resistance should not be added unless the passive earth pressure component is reduced by 50 percent. The upper one foot of passive resistance should be neglected if the area in front of the foundation does not contain flatwork or pavement for at least five lateral feet from the outside edge of the foundation.

Drilled Pier Foundation Design

The shade structures may also be supported on drilled, cast-in-place concrete piers (drilled piers) extending at least three feet below lowest adjacent soil grade. Drilled piers should have a minimum shaft diameter of 18 inches to help facilitate proper cleaning of the bottom of the pier. Drilled piers extending at least five feet below the existing ground surface may be sized utilizing

a maximum allowable end bearing capacity of 4000 psf or an allowable skin friction of 300 pounds per square foot (psf) for dead plus live loads, which may be applied over the surface of the pier extending deeper than 12 inches below grade. Those values may be increased by one-third to include short-term wind or seismic forces.

Uplift resistance of pier foundations may be computed using the following resisting forces, where applicable: 1) weight of the pier concrete (150 pounds per cubic foot [pcf]), and 2) an allowable skin friction of 300 psf applied over the shaft area of the pier. Increased uplift resistance can be achieved by increasing the diameter of the pier or increasing the depth. The upper one foot of skin friction should be disregarded unless the pier is completely surrounded by slab concrete for a distance of at least three feet from the edge of the foundation pier.

Torsional resistance may be computed using the allowable skin friction of 300 psf applied over the shaft area of the pier.

Sizing of drilled piers to resist lateral loads can be evaluated using Section 1807.3.2 of the 2022 CBC. An allowable value of 300 pcf for lateral bearing as defined in Table 1806.2 of the CBC may be used for the coefficients S_1 and S_3 for the nonconstrained and constrained conditions, respectively. The allowable lateral value may be increased 1/3 for total loading that includes wind and/or earthquake loads. The upper 12 inches of the subgrade should be neglected for the nonconstrained condition.

Reinforcement and concrete should be placed in the pier excavations as soon as possible after excavation is completed to minimize the chances of sidewall caving into the excavations. We recommend that the pier contractor be prepared to case the pier holes or use drilling slurry, if conditions require. Voids created by excessive sloughing may be backfilled with slurry and/or additional structure concrete, if approved by the project structural engineer.

The soils should be readily excavatable with conventional construction equipment. However, larger drill rigs may be required to penetrate the hardpan encountered near the surface of the site. Based on the borings performed at the site, excavations associated with drilled pier foundations should stand vertically for short periods of time (i.e., less than one day) required for construction. However, relatively cohesionless sands may encountered and result in caving or sloughing; therefore, the drilling contractor should be prepared to case the drilled pier excavations, if necessary.

If the drilled piers are constructed in the "dry" (with dry being less than two inches of water at the base of the excavation), the concrete may be placed by the free-fall method, using a short hopper or back-chute to direct the concrete flow out of the truck into a vertical stream of flowing concrete with a relatively small diameter. The stream is directed to avoid hitting the sides of the excavation or any reinforcing cages. For the free-fall method of concrete placement, we recommend the concrete mix be designed with a slump of five to seven inches.

Where groundwater will be encountered which cannot be controlled such that more than six inches of water accumulates at the bottom of the pier excavation, concrete should be placed using a tremie. For concrete placed using the tremie method, a slump of six to eight inches, and a maximum aggregate size of $\frac{3}{4}$ -inch is recommended. The required slump should be obtained by using plasticizers or water-reducing agents. Addition of water on-site to establish the recommended slump should not be allowed.

When extracting temporary casings or tremie methods from the excavation, care should be taken to maintain a head of concrete to prevent infiltration of water and soil into the shaft area. The head of concrete should always be greater than the head of water outside the pier or tremie, taking into account the differences in unit weights of concrete and water.

Interior Floor Slab Support

Interior concrete slab-on-grade floors should be at least four inches thick and contain reinforcement for crack control. Final reinforcement and joint spacing should be determined by the project structural engineer. Proper and consistent location of the reinforcement near mid-slab is essential to its performance.

Floor slabs should be underlain by a layer of free-draining crushed rock, serving as a deterrent to migration of capillary moisture. The crushed rock layer should be between four and six inches thick and graded such that 100 percent passes a one-inch sieve and no appreciable amount passes a No. 4 sieve. Additional moisture protection may be provided by placing a vapor retarder membrane (at least 10-mils thick) directly over the crushed rock. The membrane should meet or exceed the minimum specifications as outlined in ASTM E1745 and be installed in strict conformance with the manufacturer's recommendations.

Floor slab construction over the past 30 years or more has included placement of a thin layer of sand or pea gravel over the vapor retarder membrane. The intent of the sand or pea gravel is to aid in the proper curing of the slab concrete and to protect the membrane prior to concrete placement. However, debate over excessive moisture vapor emissions from floor slabs includes

concern for water trapped within the sand or pea gravel. Consequently, we consider the use of the sand or pea gravel layer as optional and not required from a geotechnical perspective. The concrete curing benefits should be weighed against efforts to reduce slab moisture vapor transmission.

The recommendations presented above are intended to mitigate any significant soils-related cracking of the slab-on-grade floors. More important to the performance and appearance of a Portland cement concrete slab is the quality of the concrete, the workmanship of the concrete contractor, the curing techniques utilized, and the spacing of control joints.

Floor Slab Moisture Penetration Resistance

It is likely that floor slab subgrade soils will become saturated at some time during the life of the structures, especially when the slab is constructed during the wet seasons, or when constantly wet ground or poor drainage conditions exist adjacent to the structures. For this reason, it should be assumed that the interior slab intended for moisture-sensitive floor coverings or materials, require protection against moisture or moisture vapor penetration. Standard practice includes placing a layer of gravel/crushed rock and a vapor retarder membrane (and possibly a layer of sand/pea gravel) as discussed above. Recommendations contained in this report concerning foundation and floor slab design are presented as minimum requirements only from the geotechnical engineering standpoint.

It is emphasized that the use of gravel/crushed rock and membrane below the slab will not “moisture proof” the slab, nor will it assure that slab moisture transmission levels will be low enough to prevent damage to floor coverings or other building components. It is emphasized that we are not slab moisture proofing or moisture protection experts. The sub-slab gravel/crushed rock and vapor retarder membrane simply offers a first line of defense against soil-related moisture. If increased protection against moisture vapor penetration of the slab is desired, a concrete moisture protection specialist should be consulted. The design team should consider all available measures for slab moisture protection. It is commonly accepted that maintaining the lowest practical water-cement ratio in the slab concrete is one of the most effective ways to reduce future moisture vapor penetration of the completed slabs.

Exterior Flatwork

Areas to receive exterior concrete flatwork (i.e., sidewalks) should be moisture conditioned to at least the optimum moisture content and uniformly compacted to at least 90 percent relative compaction prior to concrete placement. Proper moisture conditioning of the subgrade soils is

considered essential to the performance of exterior flatwork. Exterior flatwork should be underlain by at least four inches of aggregate base uniformly compacted to not less than 90 percent relative compaction.

Exterior flatwork concrete should be at least four inches thick and consideration should be given to thickening the outside edge of the flatwork to twice the slab thickness and reinforcing the slabs with rebar for crack control. Practices recommended by the Portland Cement Association (PCA) for proper placement and curing of concrete should be followed during exterior concrete flatwork construction.

Expansion joints should be provided to allow for minor vertical movement of the flatwork. Exterior flatwork should be constructed independent of the perimeter building foundation and isolated column foundations by the placement of a layer of felt material between the flatwork and the foundation.

Areas adjacent to new exterior flatwork should be landscaped to maintain more uniform soil moisture conditions adjacent to and under the flatwork. We recommend that final landscaping plans not allow fallow ground adjacent to exterior concrete flatwork.

Pavement Design

The anticipated pavement subgrade soils are anticipated to exhibit moderate subgrade qualities for support of asphalt concrete pavements. An R-value of 20 was used in our pavement design. The following pavement sections have been calculated based on the results of R-value testing, and the procedures contained within Chapters 600 to 670 of the California Highway Design Manual, 7th edition, utilizing design Traffic Indices (TIs) considered appropriate for the proposed development. The project civil engineer should determine the appropriate TI based on anticipated traffic conditions. Additional pavement sections can be provided upon request.

Table 3: Pavement Design Alternatives

Traffic Index (TI)	Traffic Condition	Pavement Subgrade (R-Value = 20)		
		Asphalt Concrete (inches)	Class 2 Aggregate Base (inches)	Portland Cement Concrete (inches)
4.5	Hardcourts and Automobile Parking Only	2½*	7	--
		--	7	4
5.5	Moderate Truck Traffic and Emergency Vehicles	2½	11	--
		3*	9	--
		--	9	4

Note: * = Asphalt concrete thickness contains the Caltrans safety factor.

We emphasize that the performance of pavements is critically dependent upon uniform and adequate compaction of the soil subgrade, as well as all engineered fill and utility trench backfill within the limits of the pavement. The upper six inches of pavement subgrades should be compacted to at least 95 percent relative compaction at a moisture content of at least the optimum moisture content. We recommend that the final subgrade compaction be achieved following completion of underground utility line trench backfill.

If hardpan, as identified by the Geotechnical Engineer’s representative, is encountered at the exposed ground surface, scarification and recompaction as noted above is not required.

Aggregate base utilized within the pavement section should be compacted to at least 95 percent relative compaction.

In the summer heat, high axle loads coupled with shear stresses induced by sharply turning tire movements can lead to failure in asphalt concrete pavements. Therefore, consideration should be given to using a Portland cement concrete (PCC) section in areas subjected to concentrated heavy wheel loading, such as entry driveways and trash enclosures. As a minimum, the concrete sections noted above should be considered.

We suggest the concrete slabs be constructed with thickened edges in accordance with ACI design standards, latest edition. Reinforcing for crack control, should be provided in accordance with ACI guidelines. Reinforcement must be located at mid-slab depth to be effective. Joint

spacing and details should conform to the current PCA or ACI guidelines. Portland cement concrete should achieve a minimum compressive strength of 3500 psi at 28 days. Construction of Portland cement concrete pavements should be performed in accordance with applicable ACI or PCA standards.

All pavement materials and construction methods of structural pavement sections should conform to the applicable provisions of the *Caltrans Standard Specifications*, latest edition.

Site Drainage

Final site grading should be accomplished to provide positive drainage of surface water away from structures and prevent ponding of water adjacent to foundations, slabs, or pavements. The grade adjacent to houses should be sloped away from foundations at a minimum two percent slope for a distance of at least five feet, where possible.

Roof gutter downspouts and surface drains should drain onto pavements or be connected to rigid non-perforated piping directed to an appropriate drainage point away from the buildings. Ponding of surface water should not be allowed adjacent to buildings or pavements. Landscape berms, if planned, should not be constructed in such a manner as to promote drainage toward structures.

Geotechnical Engineering Observation and Testing During Earthwork Construction

Site preparation should be accomplished in accordance with the recommendations of this report. Geotechnical testing and observation during construction is considered a continuation of our geotechnical engineering investigation. Raney Geotechnical, Inc. should be retained to provide testing and observation services during site clearing, preparation, earthwork, and foundation construction at the project to verify compliance with this geotechnical report and the project plans and specifications, and to provide consultation as required during construction. These services are beyond the scope of work authorized for this investigation; however, we would be pleased to submit a proposal to provide these services upon request.

In the event that Raney Geotechnical, Inc. is not retained to provide geotechnical engineering observation and testing services during construction, the Geotechnical Engineer retained to provide these services should indicate in writing that they agree with the recommendations of this report or prepare supplemental recommendations as necessary. A final report by the “Geotechnical Engineer” should be prepared upon completion of the project.

Additional Services

We recommend that Raney Geotechnical, Inc. be retained to review the final plans and specifications to determine if the intent of our recommendations has been implemented in those documents. We would be pleased to submit a proposal to provide these services upon request.

LIMITATIONS

Our recommendations are based upon the information provided regarding the proposed project, combined with our analysis of site conditions revealed by the field exploration and laboratory testing programs. We have used our engineering judgment based upon the information provided and the data generated from our study. This report has been prepared in substantial compliance with generally accepted geotechnical engineering practices that exist in the area of the project at the time the report was prepared. No warranty, either express or implied, is provided.

If the proposed construction is modified or re-sited; or, if it is found during construction that subsurface conditions differ from those we encountered at the boring locations, we should be afforded the opportunity to review the new information or changed conditions to determine if our conclusions and recommendations must be modified.

We emphasize that this report is applicable only to the proposed construction and the investigated site and should not be utilized for construction on any other site.

The conclusions and recommendations of this report are considered valid for a period of three years. If design is not completed and construction has not started within three years of the date of this report, the report must be reviewed and updated as necessary.

o0o

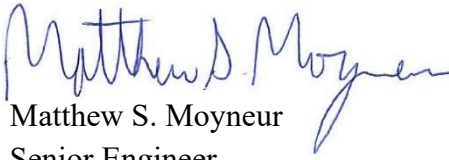
The following Plates are attached and complete this report:

- Plate 1 – Plot Plan
- Plates 2 and 3 – Logs of Borings
- Plate 4 – Unified Soil Classification System
- Plates 5 and 6 – Expansion Index Test Results
- Plate 7 – Resistance Value Test Results
- Plate 8 and 9 – Corrosion Test Results

Very truly yours,

RANEY GEOTECHNICAL, INC


Guang H. Zhu
Staff Engineer


Matthew S. Moyneur
Senior Engineer





PROJECT NUMBER: 3073-002.00P



NOTES:

1. BORING LOCATIONS SHOWN ARE APPROXIMATE.
2. PREPARED FROM A SITE PLAN BY HMC ARCHITECTS AND A 11/23/2023 GOOGLE EARTH IMAGE.

KEY:

-  BORING LOCATION AND NUMBER
-  PROPOSED STRUCTURE

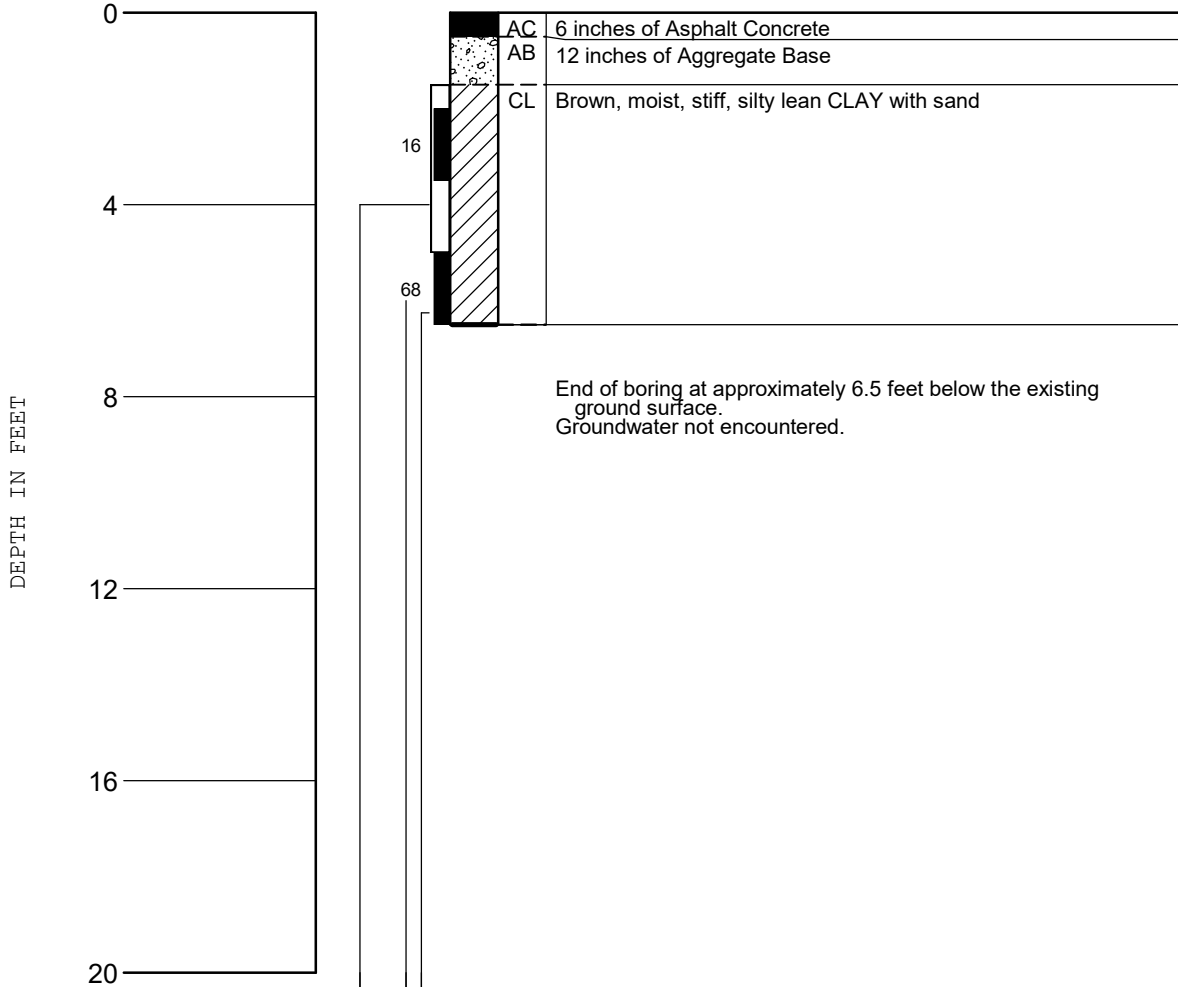
SITE PLAN



PROJECT NUMBER: 5995-001.00 PROJECT NAME: Ethel Phillips Modernization
 DRAWN BY: HZ DATE: 7/31/2024

BORING 1

DRILLED: 7/31/24



NOTES:

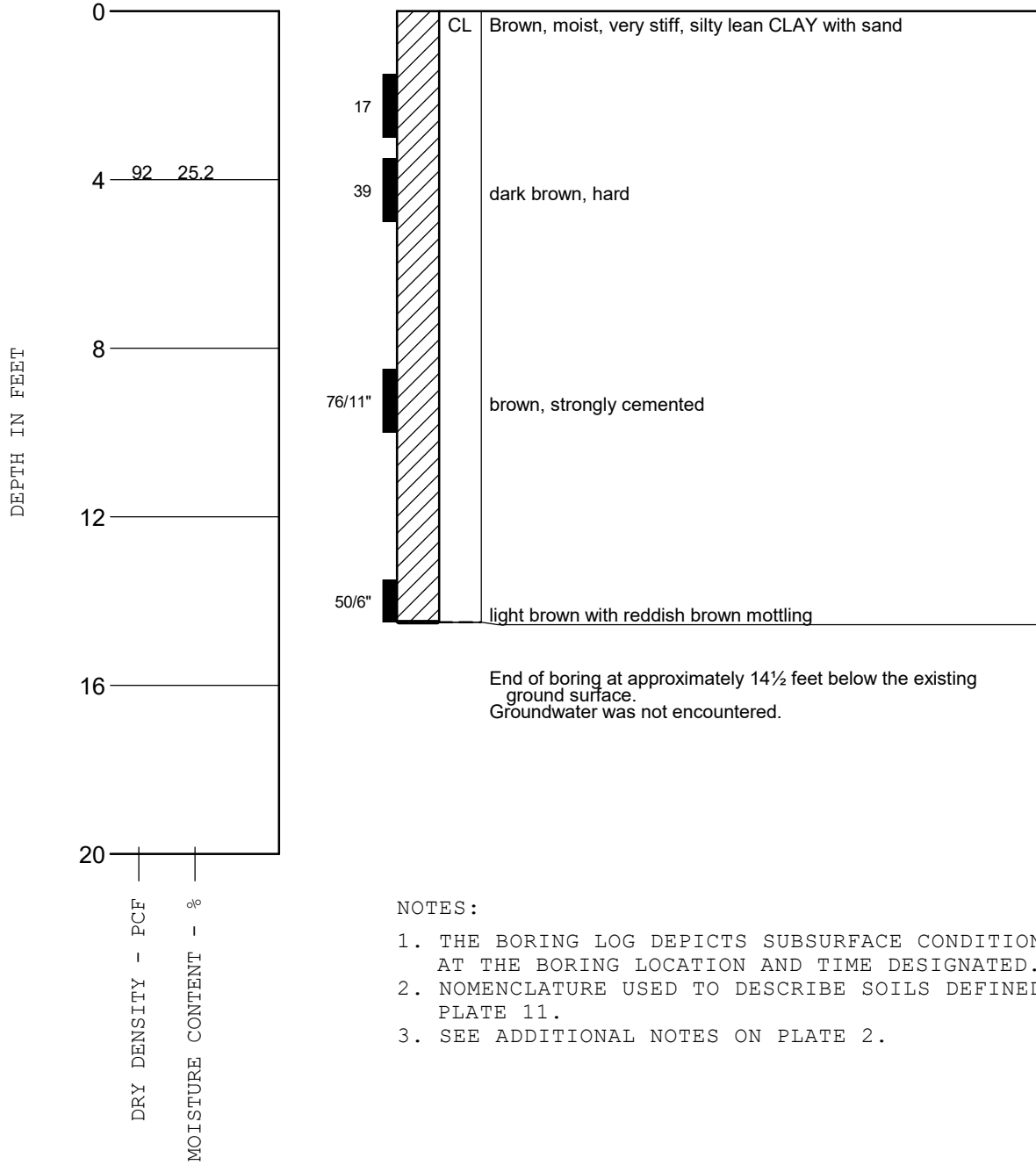
1. THE BORING LOG DEPICTS SUBSURFACE CONDITIONS ONLY AT THE BORING LOCATION AND TIME DESIGNATED.
2. NOMENCLATURE USED TO DESCRIBE SOILS DEFINED ON PLATE 11.
3. UNDISTURBED SAMPLE OBTAINED WITH 2" I.D. MODIFIED CALIFORNIA SAMPLER.
4. SAMPLER PENETRATION RESISTANCE IN BLOWS PER FOOT OR FRACTION THEREOF; 140-POUND HAMMER, 30" DROP.
5. DISTURBED SAMPLE OBTAINED FROM AUGERS.
6. FREE GROUNDWATER WAS ENCOUNTERED IN BORINGS.

LOG OF BORING



BORING 2

DRILLED: 7/31/24



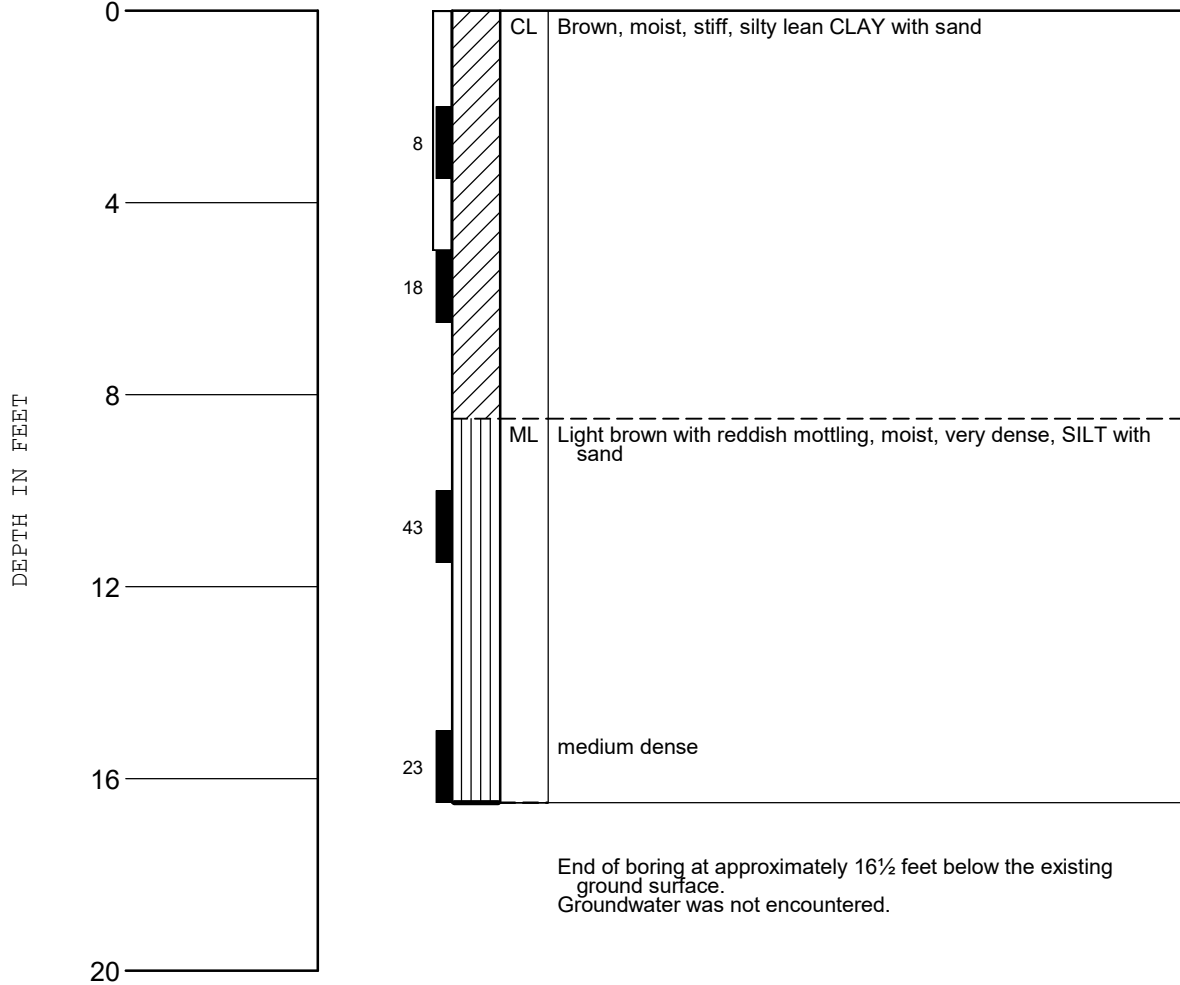
NOTES:

1. THE BORING LOG DEPICTS SUBSURFACE CONDITIONS ONLY AT THE BORING LOCATION AND TIME DESIGNATED.
2. NOMENCLATURE USED TO DESCRIBE SOILS DEFINED ON PLATE 11.
3. SEE ADDITIONAL NOTES ON PLATE 2.

PROJECT NUMBER: 5995-001.00 PROJECT NAME: Ethel Phillips Modernization
DRAWN BY: HZ DATE: 7/31/2024

BORING 3

DRILLED: 7/31/24



NOTES :

1. THE BORING LOG DEPICTS SUBSURFACE CONDITIONS ONLY AT THE BORING LOCATION AND TIME DESIGNATED.
2. NOMENCLATURE USED TO DESCRIBE SOILS DEFINED ON PLATE 11.
3. SEE ADDITIONAL NOTES ON PLATE 2.

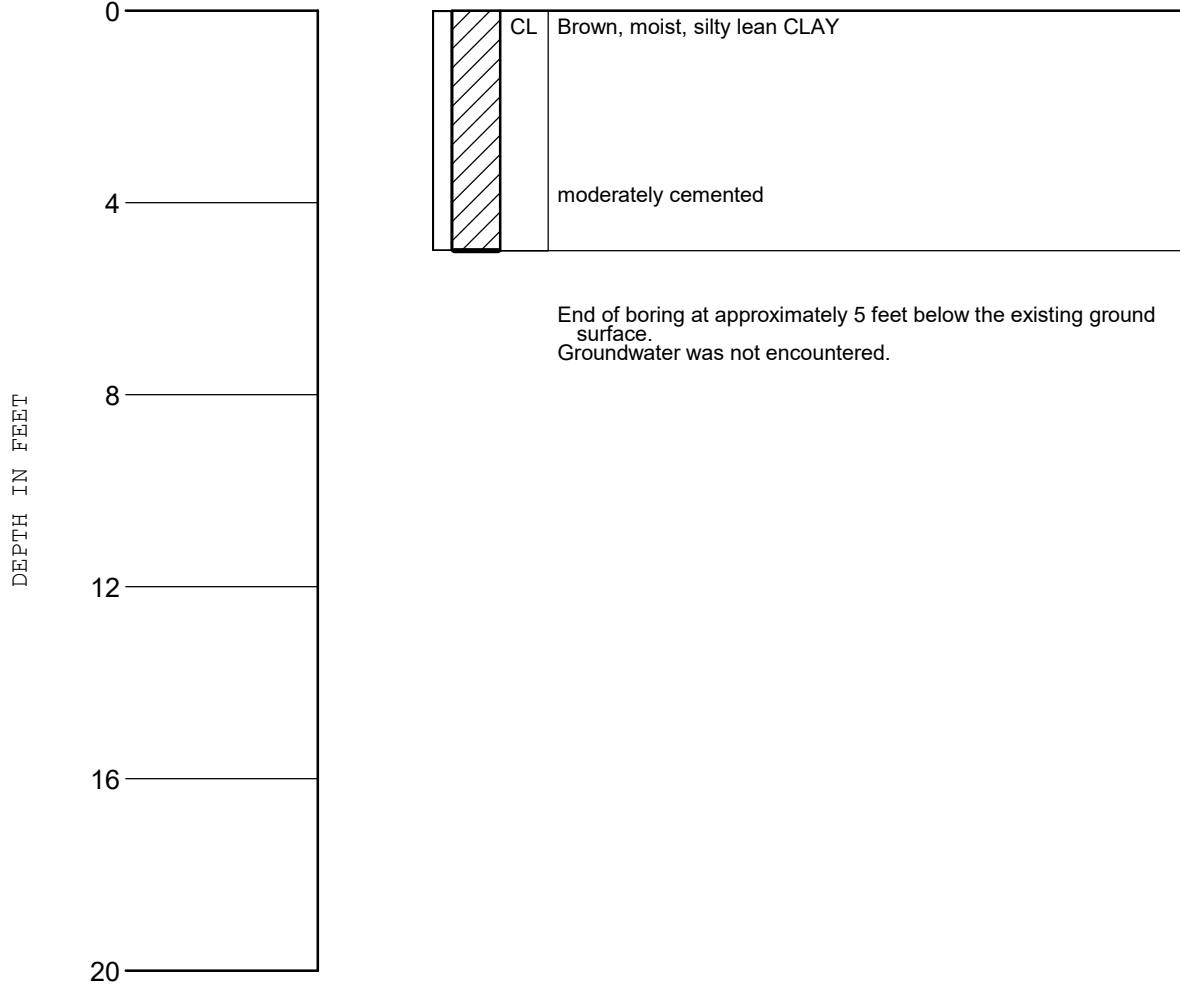
LOG OF BORING



PROJECT NUMBER: 5995-001.00 PROJECT NAME: Ethel Phillips Modernization
DRAWN BY: HZ DATE: 7/31/2024

BORING 4

DRILLED: 7/31/24



NOTES:

1. THE BORING LOG DEPICTS SUBSURFACE CONDITIONS ONLY AT THE BORING LOCATION AND TIME DESIGNATED.
2. NOMENCLATURE USED TO DESCRIBE SOILS DEFINED ON PLATE 11.
3. SEE ADDITIONAL NOTES ON PLATE 2.

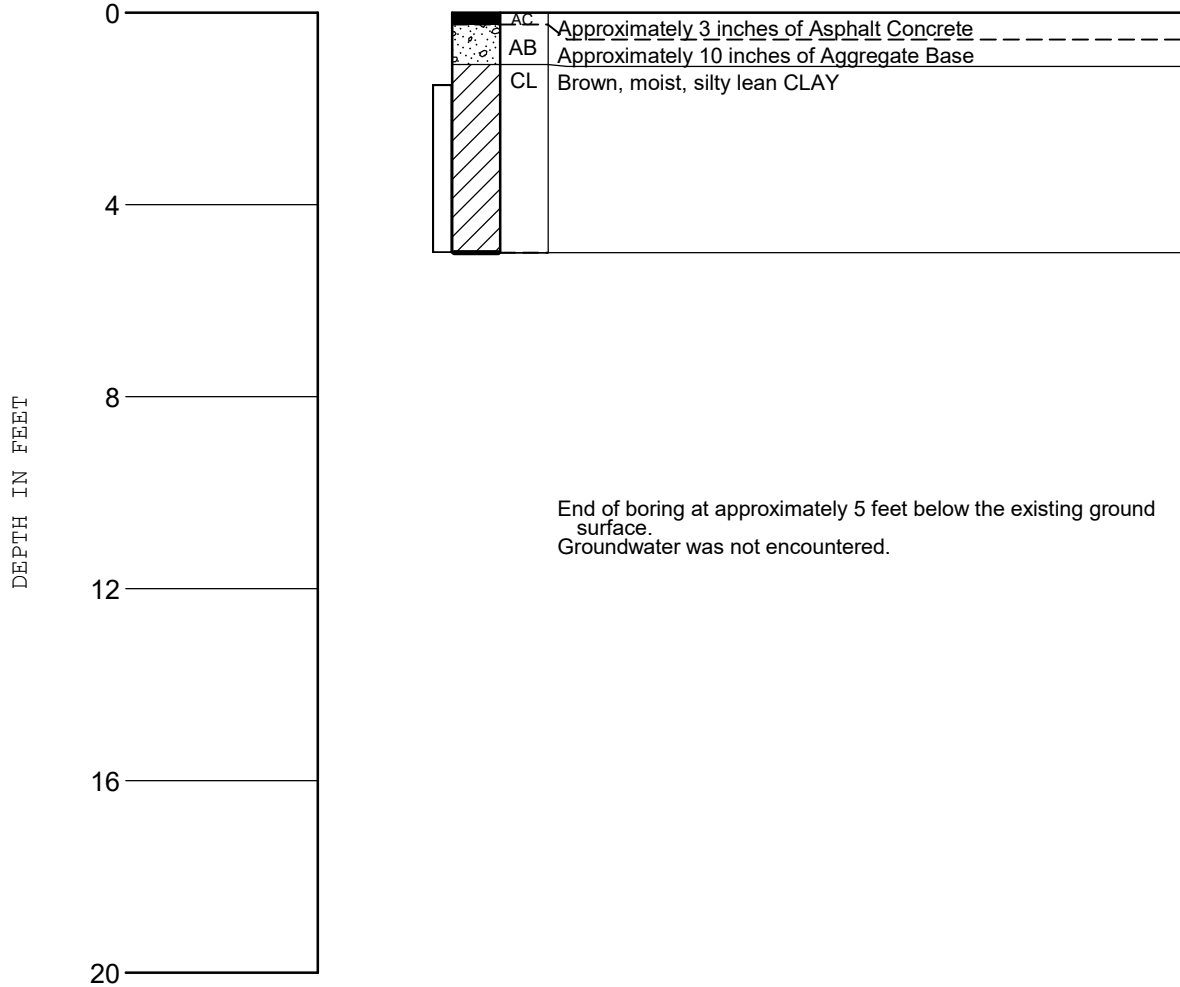
LOG OF BORING



PROJECT NUMBER: 5995-001.00 PROJECT NAME: Ethel Phillips Modernization
DRAWN BY: HZ DATE: 7/31/2024

BORING 5

DRILLED: 7/31/24



NOTES:

1. THE BORING LOG DEPICTS SUBSURFACE CONDITIONS ONLY AT THE BORING LOCATION AND TIME DESIGNATED.
2. NOMENCLATURE USED TO DESCRIBE SOILS DEFINED ON PLATE 11.
3. SEE ADDITIONAL NOTES ON PLATE 2.

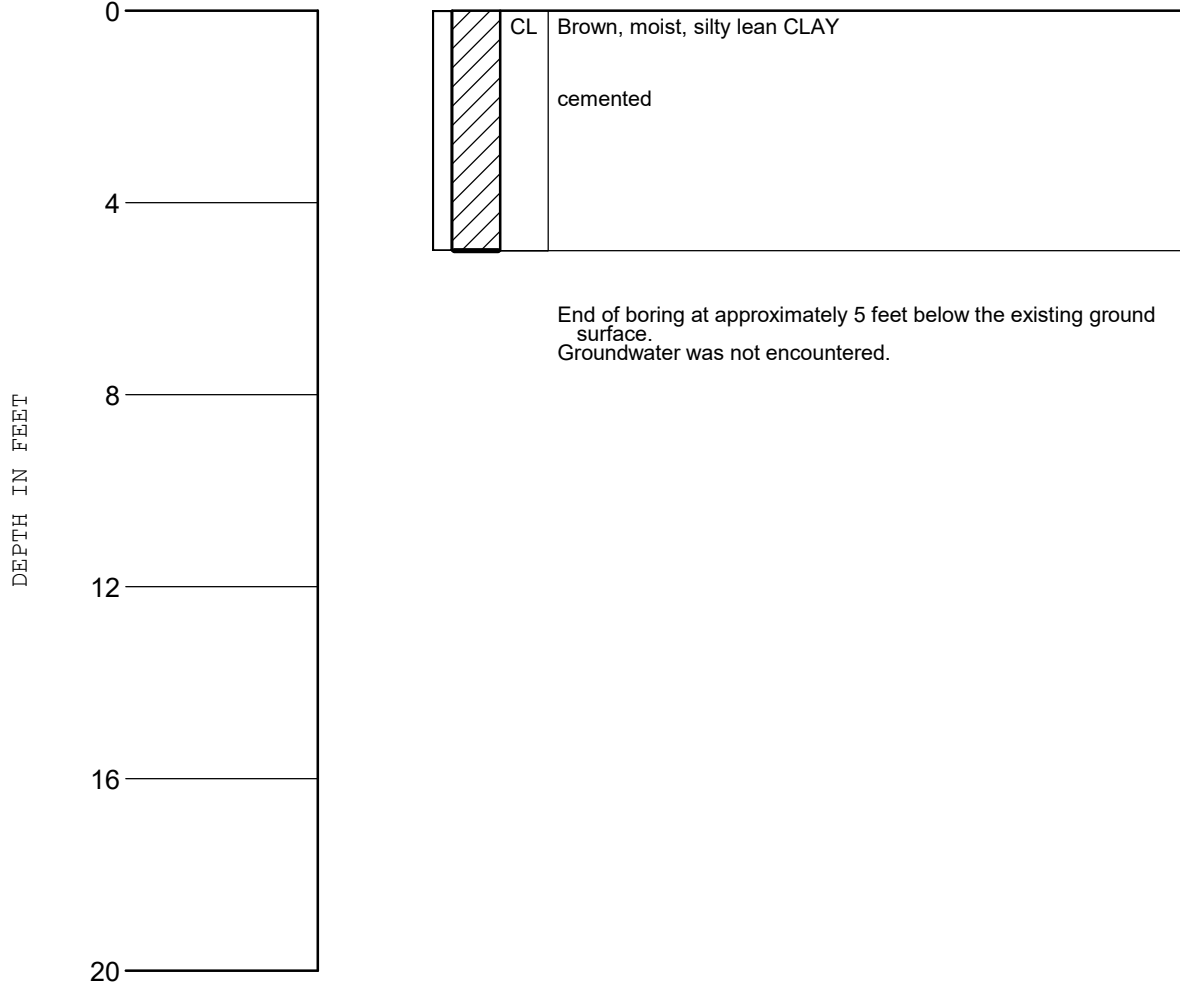
LOG OF BORING



PROJECT NUMBER: 5995-001.00 PROJECT NAME: Ethel Phillips Modernization
DRAWN BY: HZ DATE: 7/31/2024

BORING 6

DRILLED: 7/31/24



NOTES:

1. THE BORING LOG DEPICTS SUBSURFACE CONDITIONS ONLY AT THE BORING LOCATION AND TIME DESIGNATED.
2. NOMENCLATURE USED TO DESCRIBE SOILS DEFINED ON PLATE 11.
3. SEE ADDITIONAL NOTES ON PLATE 2.

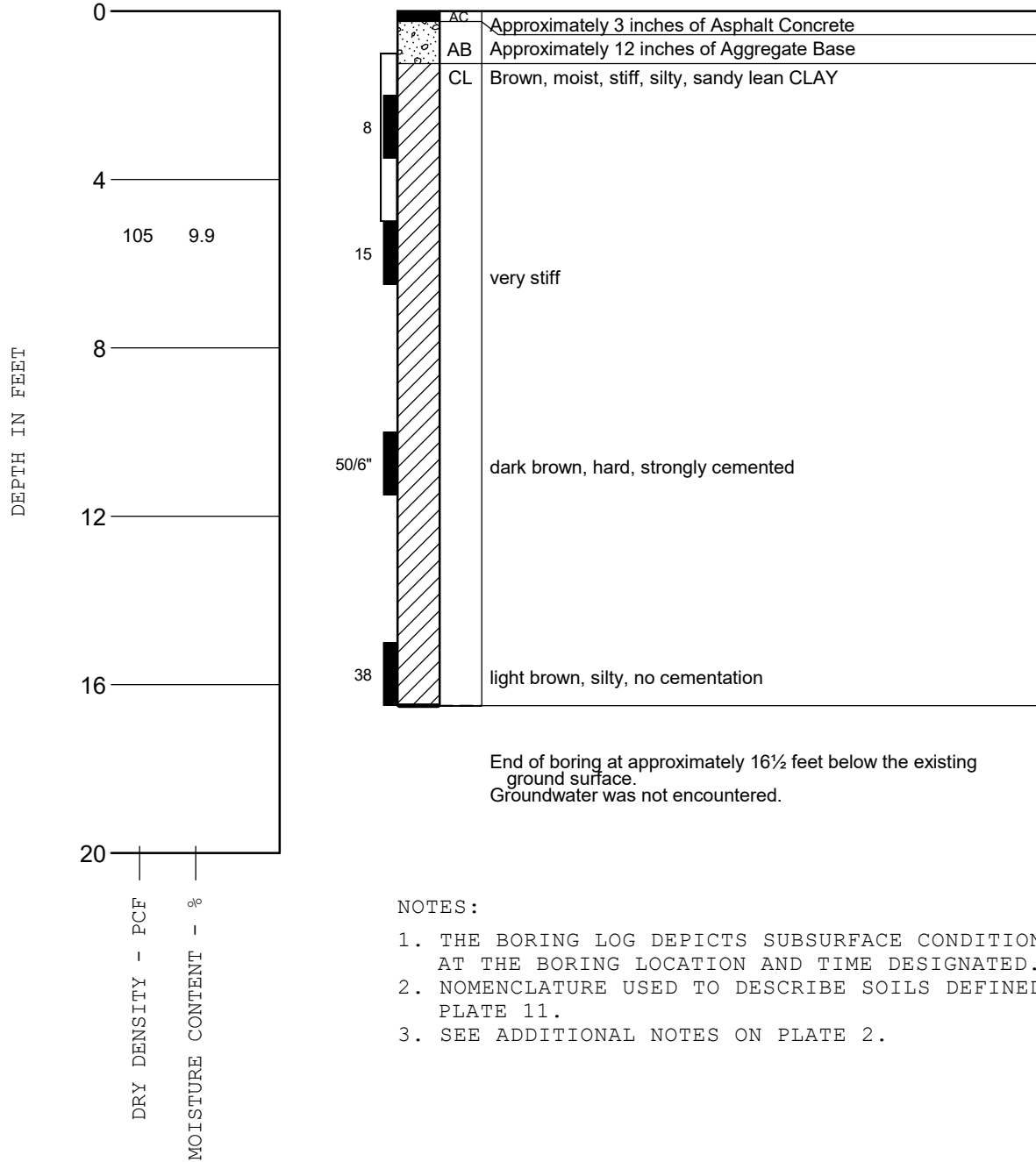
LOG OF BORING



PROJECT NUMBER: 5995-001.00 PROJECT NAME: Ethel Phillips Modernization
 DRAWN BY: HZ DATE: 7/31/2024

BORING 7

DRILLED: 7/31/24



NOTES:

1. THE BORING LOG DEPICTS SUBSURFACE CONDITIONS ONLY AT THE BORING LOCATION AND TIME DESIGNATED.
2. NOMENCLATURE USED TO DESCRIBE SOILS DEFINED ON PLATE 11.
3. SEE ADDITIONAL NOTES ON PLATE 2.

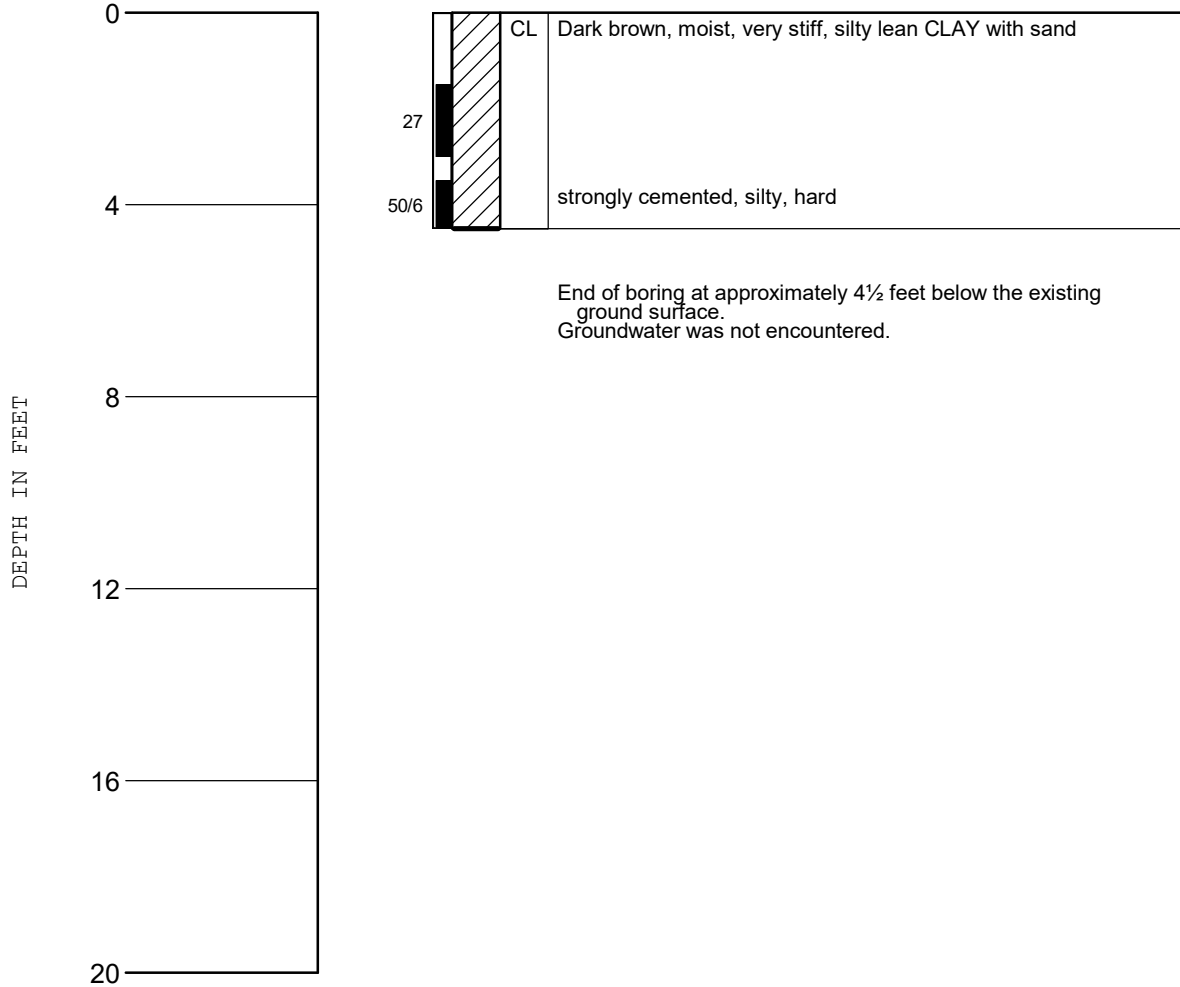
LOG OF BORING



PROJECT NUMBER: 5995-001.00 PROJECT NAME: Ethel Phillips Modernization
DRAWN BY: HZ DATE: 7/31/2024

BORING 8

DRILLED: 7/31/24



NOTES:

1. THE BORING LOG DEPICTS SUBSURFACE CONDITIONS ONLY AT THE BORING LOCATION AND TIME DESIGNATED.
2. NOMENCLATURE USED TO DESCRIBE SOILS DEFINED ON PLATE 11.
3. SEE ADDITIONAL NOTES ON PLATE 2.

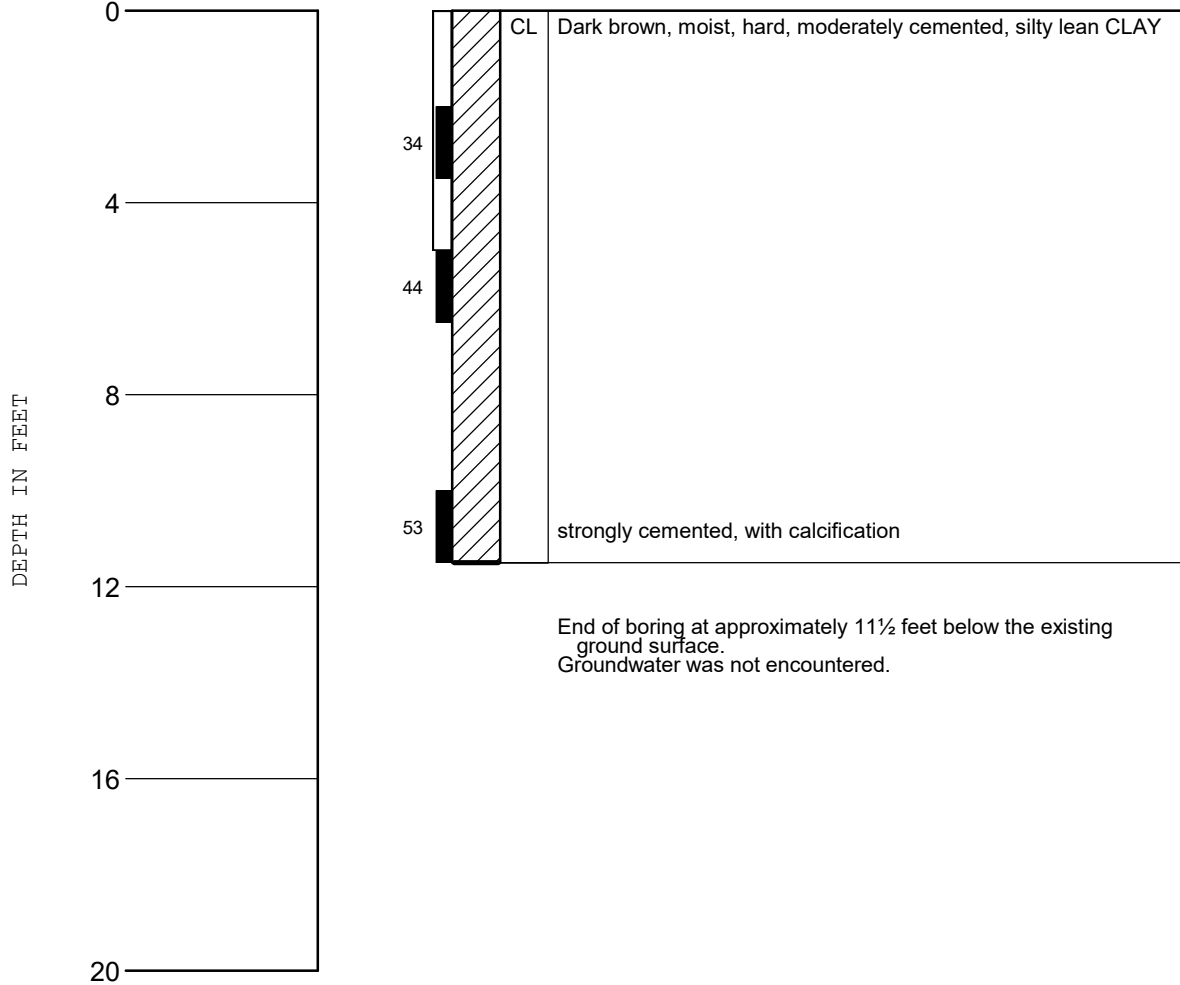
LOG OF BORING



PROJECT NUMBER: 5995-001.00 PROJECT NAME: Ethel Phillips Modernization
DATE: 7/31/2024
DRAWN BY: HZ

BORING 9

DRILLED: 7/31/24



NOTES:

1. THE BORING LOG DEPICTS SUBSURFACE CONDITIONS ONLY AT THE BORING LOCATION AND TIME DESIGNATED.
2. NOMENCLATURE USED TO DESCRIBE SOILS DEFINED ON PLATE 11.
3. SEE ADDITIONAL NOTES ON PLATE 2.

LOG OF BORING



PROJECT NUMBER: 3073-002.00P
 PLATE NUMBER: 11

GRAPH	SYMBOL	DESCRIPTION	MAJOR DIVISIONS			
	GW	WELL GRADED GRAVELS, GRAVEL-SAND MIXTURES	CLEAN GRAVELS WITH LESS THAN 5% FINES	GRAVEL AND GRAVELLY SOILS	COARSE GRAINED SOILS MORE THAN 50% LARGER THAN NO. 200 SIEVE	
	GP	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES				
	GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES	GRAVELS WITH MORE THAN 12% FINES	MORE THAN 50% OF COARSE FRACTION <u>RETAINED</u> ON NO. 4 SIEVE		
	GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES				
	SW	WELL GRADED SANDS, GRAVELLY SANDS	CLEAN SANDS WITH LESS THAN 5% FINES	SANDS AND SANDY SOILS		
	SP	POORLY GRADED SANDS, GRAVELLY SANDS				
	SM	SILTY SANDS, SAND-SILT MIXTURES	SANDS WITH MORE THAN 12% FINES	MORE THAN 50% OF COARSE FRACTION <u>PASSING</u> NO. 4 SIEVE		
	SC	CLAYEY SANDS, SAND-CLAY MIXTURES				
	ML	INORGANIC SILTS, ROCK FLOUR, OR CLAYEY SILTS WITH SLIGHT PLASTICITY	LIQUID LIMIT <u>LESS</u> THAN 50	SILTS AND CLAYS		FINE GRAINED SOILS MORE THAN 50% SMALLER THAN NO. 200 SIEVE
	CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS				
	OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY				
	MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS SILTS, ELASTIC SILTS	LIQUID LIMIT <u>GREATER</u> THAN 50	SILTS AND CLAYS		
	CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS				
	OH	ORGANIC CLAYS AND ORGANIC SILTS OF MEDIUM TO HIGH PLASTICITY				
	PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENT	HIGHLY ORGANIC SOILS			

UNIFIED SOIL CLASSIFICATION SYSTEM



**Expansion Index Tests
ASTM D4829**

Sample Location: B3
Material Description: Brown lean CLAY with sand
Method: ASTM D4829

Depth (ft)	Initial Moisture Content (%)	Final Moisture Content (%)	Dry Density (pcf)	Expansion Index
0-5'	9.7	22.6	109.2	34

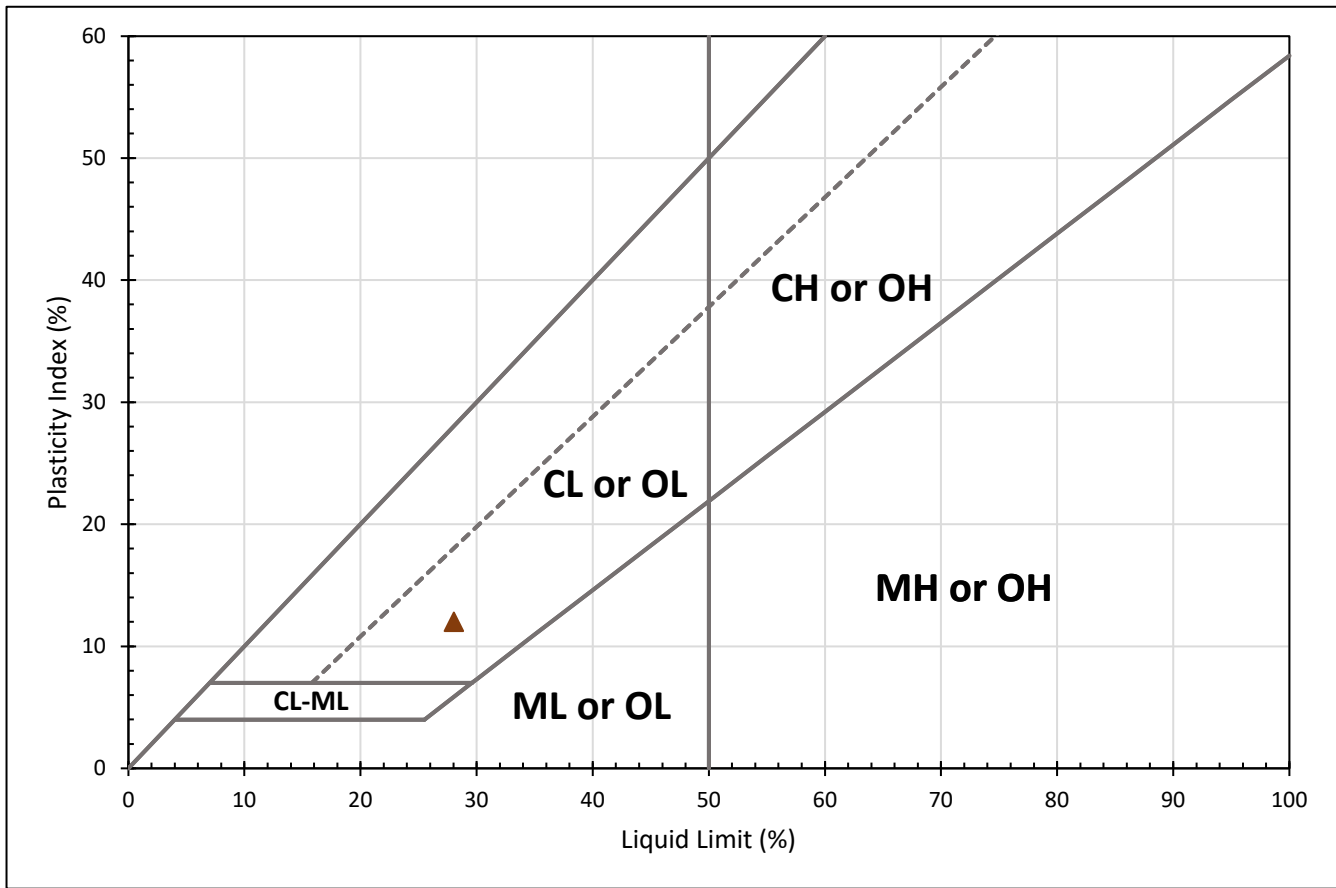
Sample Location: B7
Material Description: Brown sandy lean CLAY
Method: ASTM D4829

Depth (ft)	Initial Moisture Content (%)	Final Moisture Content (%)	Dry Density (pcf)	Expansion Index
1-5'	8.5	18.6	115.8	12

Classification of Expansive Soil

Expansion Index	Expansion Potential
0-20	Very Low
21-50	Low
51-90	Moderate
91-130	High
Above 130	Very High

Atterberg Limits ASTM D4318



Symbol	Sample No.	Depth	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	USCS	Soil Description
▲	B3	0-5'	28	16	12	CL	Brown, lean CLAY with sand

**Resistance Value Test
California Test Method 301G**

Sample Location: B1
Depth: 1.5'-5'
Material Description: Brown lean CLAY with sand

Test Number	Dry Density (Pcf)	Moisture Content (%)	Exudation Pressure (Psi)	Expansion Pressure (Psf)	Resistance Value
1	120.5	13.4	314	65	24
2	119.3	14.0	264	48	20
3	115.4	15.2	201	30	9

Resistance value at 300 psi exudation pressure = 23

Project Number: 3073-002.00P

Sample Location: B6
Depth: 0 – 5'
Material Description: Brown silty lean CLAY

Test Number	Dry Density (pcf)	Moisture Content (%)	Exudation Pressure (Psi)	Expansion Pressure (Psf)	Resistance Value
1	121.4	11.8	318	43	43
2	119.7	12.3	260	0	25
3	118.8	13.3	147	0	10

Resistance value at 300 psi exudation pressure = 36



Sunland Analytical

11419 Sunrise Gold Circle, #10
Rancho Cordova, CA 95742
(916) 852-8557

Date Reported 08/09/2024
Date Submitted 08/06/2024

To: Hao Zhu
Raney Geotechnical
3140 Beacon Blvd.
West Sacramento, CA 95691

From: Gene Oliphant, Ph.D. \ Ty Bui
General Manager \ Lab Manager

The reported analysis was requested for the following location:
Location : B2-1I Site ID : 1.
Thank you for your business.

* For future reference to this analysis please use SUN # 92857-192326.

EVALUATION FOR SOIL CORROSION

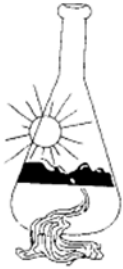
Soil pH	6.410		
Minimum Resistivity	4.02	ohm-cm (x1000)	
Chloride	1.5 ppm	00.00015	%
Sulfate	13.0 ppm	00.00130	%

METHODS

pH and Min. Resistivity CA DOT Test #643
Sulfate CA DOT Test #417, Chloride CA DOT Test #422m

SOIL CORROSION POTENTIAL






Sunland Analytical

11419 Sunrise Gold Circle, #10
Rancho Cordova, CA 95742
(916) 852-8557

Date Reported / /
Date Submitted 08/06/2024

To: Hao Zhu
Raney Geotechnical
3140 Beacon Blvd.
West Sacramento, CA 95691

From: Gene Oliphant, Ph.D. \ Ty Bui 
General Manager \ Lab Manager

The reported analysis was requested for the following location:
Location : B7-1I Site ID : 1.
Thank you for your business.

* For future reference to this analysis please use SUN # 92858-192327.

EVALUATION FOR SOIL CORROSION

Soil pH	No Test
Minimum Resistivity	4.02 ohm-cm (x1000)
Chloride	No Test
Sulfate	< .1

METHODS

pH and Min.Resistivity CA DOT Test #643
Sulfate CA DOT Test #417, Chloride CA DOT Test #422m

Project Number: 3073-002.00P

SOIL CORROSION POTENTIAL



1 EXHIBIT D
2 GENERAL CONSTRUCTION TERMS AND CONDITIONS
3

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1 ACKNOWLEDGMENTS

2
3
4 The Sacramento City Unified School District (the “District”) and [Entity Name]. (the “Entity”)
5 acknowledge the following as of the Effective Date of the Facilities Lease:
6

7 a. The District desires to have the Entity construct, at **Ethel Phillips Elementary School**, the
8 **Ethel Phillips Elementary School Campus Renewal Project** located on the District’s property, which is
9 subject to a Site Lease and a Facilities Lease between the District and the Entity; and
10

11 b. The District owns the Site; and
12

13 c. The District has entered into an agreement for architectural services with respect to the design
14 of the Project (the “Architectural Services Agreement”); and
15

16 d. To the extent required by law, construction documents for the Project, including Plans and
17 Specifications as defined in the Facilities Lease, will be submitted to the Division of State Architect (“DSA”)
18 for approval; no work for which Entity is required to be licensed in accordance with Article 5 (commencing
19 with Section 7065) of Chapter 9 of Division 3 of the Business and Professions Code and for which DSA
20 approval is required may be performed before receipt of the required DSA approval. Upon approval, those
21 construction documents are incorporated herein by this reference; and
22

23 e. Upon commencement of construction under the Plans and Specifications, the Entity will have
24 thoroughly investigated the site conditions and reviewed the applicable Plans and Specifications to establish
25 that there are no known problems with respect to the site conditions or the Plans and Specifications and that
26 Entity can and will construct the Project for the Total Base Rent as set forth and defined in Article 4 of the
27 Facilities Lease, and the Entity will not seek any additional compensation whatsoever, including, without
28 limitation, any requests based upon known site conditions, unless otherwise provided in the Facilities Lease,
29 these General Construction Terms and Conditions and/or the Construction Documents as defined herein; and
30

31 f. The Entity is experienced in the construction of the type of facility desired by District and will
32 have all construction performed by firms with all necessary licenses and qualifications which are required to
33 build and deliver the Project.
34

1 ARTICLE 1. DEFINITIONS AND PRINCIPLES OF INTERPRETATION

2
3 The definitions in the Facilities Lease have the same meanings where the terms are used herein. Additionally,
4 the following definitions and principles of interpretation also apply:

5
6 Section 1.01. Definitions and Principles of Interpretation.

7 Whenever the following terms, titles, or phrases are used in the Construction Documents, the intent and
8 meaning thereof shall be as defined in this article.

9
10 Section 1.02. Architect.

11 The “Architect” is the architectural firm engaged as an agent by the District to perform the services set forth in
12 the Construction Documents. The Architect is designated by the Board of Education as the District’s agent to
13 perform all functions delegated to the Architect by the Construction Documents.

14
15 Section 1.03. Architect’s Instruction Bulletin.

16 “Architect’s Instruction Bulletins” are supplemental drawings or instructions, which may be issued as
17 necessary from time to time to make clear or define in greater detail the intent of the Plans and Specifications.
18 There may be a change in the Total Base Rent or Contract Time involved with the work shown in the
19 Bulletin.

20
21 Section 1.04. Board of Education

22 “Board of Education” shall mean the duly elected officials constituting the Board of Education of the
23 Sacramento City Unified School District.

24
25 Section 1.05. Change Order.

26 “Change Order” shall mean a written order to the Entity signed by the District and the Entity or signed
27 unilaterally by the District, issued after execution of the Facilities Lease, authorizing a change in the Work
28 and/or an adjustment in the Total Base Rent and/or the Contract Time. A Change Order shall be memorialized
29 as an “Amendment” to the Facilities Lease.

30
31 Section 1.06. Closeout Documents.

32 Documents as required to meet the requirements of final completion.

33
34 Section 1.07. Construction.

35 “Construction” means all labor and services necessary for the construction and delivery of the Project, and all
36 materials, equipment, tools, supplies and incidentals incorporated or to be incorporated in such construction as
37 described in the Facilities Lease and the Construction Documents. Unless otherwise expressly stipulated, the
38 Entity shall perform all Work and provide and pay for all materials, labor, tools equipment and utilities,
39 including, but not limited to, light, water and power, necessary for the proper execution and completion of the
40 Project pursuant to the Facilities Lease and the Construction Documents.

41
42 Section 1.08. Construction Change Directive (“Directive”).

43 “Construction Change Directive”, or “Directive” shall mean a written order to the Entity, issued after
44 execution of the Facilities Lease, signed by the Owner or the District Representative directing a change in the
45 Work and stating a proposed basis for adjustment, if any, in the Total Base Rent or Contract Time, or both,
46 and which shall be used in the absence of total agreement with the Entity on the terms of a Change Order or
47 when time does not permit processing of a Change Order prior to implementation of the change.

1
2 Section 1.09. Contract Change Document (CCD).

3 A “Contract Change Document” or “CCD” shall mean the following documents, which may be required to be
4 submitted to DSA for approval prior to being implemented and incorporated into a Change Order: Architect’s
5 Instruction Bulletins, Construction Change Directives, Interpretations, RFI’s or Substitutions. Any CCD
6 including any change to the Plans and Specifications related to Structure, Fire, Life and Safety and
7 Accessibility must be accompanied by a DSA-stamped and signed Form DSA-140 for a “Category A” change
8 for which DSA approval is required or a “Category B” change for which DSA approval is not required in the
9 professional opinion of the Architect. The Entity is not authorized to proceed with any work specified on a
10 Form DSA-140 unless and until approval is received from DSA and provided to the Entity.

11
12 Section 1.10. Construction Documents.

13 The “Construction Documents” shall include the Plans and Specifications including any addenda, these
14 General Construction Terms and Conditions, Change Orders, Interpretations, Directives, Supplemental
15 Drawings, the Entity’s Guarantee Form, Architects Instruction Bulletins, the Performance Bond and the
16 Payment Bond, and other documents as defined in the Facilities Lease to be prepared and/or assembled by
17 Architect with input from Entity to define the Work to be constructed as part of the Project.

18
19 Section 1.11. Construction Schedule.

20 The “Construction Schedule” is the schedule produced by the Entity for the construction of the Project. See
21 Article 13 for specific requirements.

22
23 Section 1.12. Contract Time.

24 “Contract Time” shall mean the period specified for completion of the Work, as set forth in the Facilities
25 Lease and adjusted by any Change Order issued pursuant to the Construction Documents.

26
27 Section 1.13. Contract Documents.

28 The “Contract Documents” consist of the Lease Agreements, together with any exhibits, Drawings,
29 Specifications, Schedules, Performance Bond, Payment Bond, Addenda issued prior to execution of the Lease
30 Agreements, other documents listed in the Lease Agreement, and Modifications issued after execution of the
31 Lease Agreement. A Modification is (1) a written amendment to the Lease Agreements signed by both
32 parties, (2) a Change Order, (3) a Construction Change Directive (4) a written order for a minor change in the
33 Work issued by Architect or the District. The Contract Documents do not include other documents such as
34 bidding requirements (advertisement or invitation to bid, Instructions to Bidders, or sample forms).

35
36 Section 1.14. Date of Completion.

37 The “Date of Completion” is the date certified by the District’s Representative when construction of the Work
38 is 100% complete including acceptance by the Architect of all punch list corrections.

39
40 Section 1.15. Day.

41 Unless otherwise expressly defined, a “day” shall mean a calendar day of 24 hours, including each and every
42 day of the year.

43
44 Section 1.16. District’s Consultants

45 Those consultants retained by District identified in the Project Roster (or later added) who will assist District
46 in carrying out the Project.

1 Section 1.17. District Representative.

2 “District Representative” shall mean the District’s designated agent engaged to perform all functions delegated
3 to the District Representative by the Contract Documents. The District Representative will be the Entity’s
4 primary contact during Construction of the Project.
5

6 Section 1.18. Division of the State Architect (DSA).

7 “Division of the State Architect” is the California State agency responsible for checking construction
8 documents for compliance with Title 24, California Code of Regulations, and monitoring compliance on the
9 construction site. The Division of the State Architect also approves inspectors on all public school projects.
10

11 Section 1.19. Drawings

12 The graphic and pictorial portions of the Contract Documents, showing the design, location and dimensions of
13 the Work, generally including plans, elevations, sections, details, schedules and diagrams. This information
14 may be developed and stored in a 3D or 4D model of the Project.
15

16 Section 1.20. Entity

17 The Lease-Leaseback Entity hired to provide preconstruction services and is anticipated to build the Project
18 under a Facilities Lease per Education Code section 17406 et seq.
19

20 Section 1.21. Final Completion

21 Includes completion of all contract work, including punch list items and final cleaning completed and all
22 close-out documents, including as-builts and other documents required in the Facilities Lease.
23

24 Section 1.22. Interpretations.

25 “Interpretations” are all clarifications, additional instructions, and explanations issued by the Architect
26 pursuant to Article 5 hereof.
27

28 Section 1.23. Materials and Equipment.

29 “Materials” is a generic term, which shall include all building materials, articles, supplies, and equipment
30 delivered to the Project for incorporation into the Work. “Materials” includes everything incorporated into the
31 Work except labor, unless otherwise noted.
32

33 “Equipment” shall mean all pre-manufactured or partially pre-assembled products or components, assembled
34 or partially assembled before delivery to the Site.
35

36 Section 1.24. Notice to Proceed.

37 “Notice to Proceed” is the notice given to the Entity following approval of the Plans and Specifications by
38 DSA (if required) and approval of the Total Base Rent and Lease Payment Schedule by the Board, which
39 establishes the start of the construction of the Work and the time for completion of the entire Work, and
40 authorizes the Entity to begin construction.
41

42 Section 1.25. Office of Public School Construction (OPSC).

43 “Office of Public School Construction” is the California State agency responsible for apportionment,
44 disbursement and monitoring of state provided school district capital improvement funds.
45

46 Section 1.26. Product Data.

47 “Product Data” shall mean illustrations, standard schedules, performance charts, instructions, brochures,

1 diagrams and other information furnished by the Entity to illustrate a material, product or system for some
2 portion of the Work.

3
4 Section 1.27 . Project

5 The total design and construction of which the Work performed under the Contract Documents may be the
6 whole or a part and which may include construction by District or by separate contractors

7
8 Section 1.28. Project Evaluation Criteria

9 Benchmarks, metrics, or standards of evaluation developed by the District, Entity, and Architect and used
10 throughout the Project as a basis for evaluating and continuously improving Project performance.

11
12 Section 1.29. Project Inspector.

13 The “Project Inspector” shall mean the person or persons employed or engaged as (an) independent
14 contractor(s) by the District to inspect the performance of the Work by the Entity for compliance with the
15 Construction Documents. The Project Inspector is hereby designated as an agent of the District for such
16 purpose and no other. The Project Inspector is supervised by, and reports to, the Architect. The authority of
17 the Project Inspector to monitor the work shall be strictly limited to that authority specified herein and in Title
18 24, California Code of Regulations, and no additional authority has been granted nor shall be inferred.

19
20 Section 1.30. Proposed Change Order/Work Order (PCO).

21 A “Proposed Change Order/Work Order” is the name given to a document issued by the Entity proposing a
22 change to the Work and stating a proposed basis for adjustment, if any, in the Total Base Rent or Contract
23 Time, or both. A PCO shall be used by the Entity to respond to a Request for Proposal. A PCO is not effective
24 to authorize the proposed change to the Work, to the Total Base Rent or to the Contract Time unless it is
25 accepted in writing by the District.

26
27 Section 1.31. Provide.

28 “Provide” shall mean to furnish, install, and connect complete and ready for use.

29
30 Section 1.32. Reference to Codes.

31 Unless otherwise noted, all references to statutes are to the laws of the State of California as codified in the
32 various specified codes.

33
34 Section 1.33. Request for Information (RFI).

35 “Request for Information”, or “RFI” is the name given to a document issued by the Entity seeking clarification
36 and/or additional information regarding an aspect of the Work. The response to the RFI does not constitute
37 authorization or direction to proceed with any changed or additional work. Changed or additional work must
38 be separately authorized by the Owner.

39
40 1. Should the Contractor require clarification or additional information of the Contract Documents, and
41 after the Contractor has consulted with the Project Inspector, the Contractor will direct the request to the
42 District Representative on a Request for Information (RFI) form. (See appendix.)

43
44 2. Each RFI will be submitted to the District Representative un-numbered. The District Representative
45 will number each RFI sequentially and will maintain an RFI log. The Contractor shall describe on the RFI the
46 problem or clarification being requested. The description provided should be complete and adequate to permit
47 a written response without additional communications with the Contractor. The Contractor shall attach any

1 related information or correspondence that may have been received from Subcontractors or vendors on the
2 subject. In instances where the Contractor believes there may be a conflict between elements of the plans and
3 specifications, the Contractor should identify the conflict and indicate the manner in which it interprets the
4 Contract Documents.

5 3. The District Representative will review the request and take one or more of the following steps:

- 6 a. Return the request to the Contractor for additional information.
- 7 b. Forward the request to the Architect for response, copying the Project Inspector.
- 8 c. Provide response and return to the Contractor with copies to the Architect and Project
9 Inspector.

10
11 4. The Architect or other appropriate party receiving the RFI, will attempt to provide a response to the
12 District Representative within seven (7) calendar days of receipt. The District Representative will in turn
13 review the response and forward it to the Contractor. Should the response to an RFI be required by a specific
14 critical date the Contractor shall indicate that date on the RFI.

15
16 5. If the Architect's review indicates a change or revision is necessary to the Contract Documents, the
17 Architect will prepare the appropriate drawings and/or specifications required to define the change or revision
18 and obtain DSA approval, if necessary. These documents will be transmitted to the District Representative for
19 review and incorporation into the Contract Documents. The District Representative will transmit the revised
20 documents to the Contractor.

21
22 6. If the Contractor believes the clarification or direction provided by the response to the RFI will impact
23 the cost or schedule of the Project, the Contractor shall provide prompt notification to the District
24 Representative, according to the General Conditions. After consultation with the Architect, the District
25 Representative may prepare a Request for Proposal, PCO/Work Order and/or Change Order (see appendix)
26 that shall be processed as outlined in the Change Order Procedure section of the Manual.

27
28 Section 1.34. Request for Proposal (RFP).

29 A "Request for Proposal", or "RFP" is the name given to a document issued by the District Representative
30 requesting pricing information and/or an adjustment in Contract Time for a described scope of Work. An RFP
31 is not a Change Order, a Directive or a direction to proceed with the scope of work described in the RFP. The
32 Entity's response to the RFP shall be in the form of a Proposed Change Order.

33
34 Section 1.35. Samples.

35 "Samples" shall mean physical examples, which illustrate materials, equipment or workmanship and establish
36 standards by which the Work will be judged.

37
38 Section 1.36. Shop Drawings.

39 "Shop Drawings" shall mean drawings, diagrams, schedules and other data specifically prepared for the Work
40 by the Entity or any Subcontractor, manufacturer, supplier or distributor to illustrate some portion of the
41 Work.

42
43 Section 1.37. Special Inspector.

44 The "Special Inspector" shall mean the person or persons employed or engaged as (an) independent
45 contractor(s) by the District to inspect the performance of specific aspects of the work as required by Title 24,
46 California Code of Regulations.

1 Section 1.38. Specifications

2 That portion of the Contract Documents consisting of the written requirements for materials, equipment,
3 systems, standards, execution and workmanship for the Work, and performance of related services.

4 Section 1.39. Subcontractor.

5 “Subcontractor” shall mean each person or firm who is required by law to be and who is licensed to and will
6 perform work, labor, or render services to the Entity in or about the construction of the Work, or who, under
7 subcontract to the Entity, fabricates and installs a portion of the Work. To the extent the term Subcontractor is
8 referred to as if singular in number it shall include the plural and shall means a Subcontractor or an authorized
9 representative the Subcontractor.

10

11 Section 1.40. Submittal.

12 “Submittal” shall include all product data, shop drawings, manufacturers’ installation instructions, samples,
13 equal or substitution requests and all other submissions that the Entity is required to make to the District
14 and/or Architect.

15

16 Section 1.41. Substantial Completion

17 The stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in
18 accordance with the Contract Documents so Owner can occupy or utilize the Work for its intended use, and
19 only minor corrective Work remains to be performed, all required approvals, certificates of occupancy and
20 other sign-off from any public agencies with jurisdiction have been obtained, (provided such approvals are not
21 delayed as a result of causes unrelated to Entity's or its Subcontractors', Sub-subcontractors', or Suppliers'
22 performance or failure to perform the Work or to satisfy its obligations under the Contract Documents) and
23 Entity has cleaned up and removed all equipment, tools and other materials from the Work area. Entity shall
24 secure and deliver to Owner written warranties and guaranties from its Subcontractors, Sub-subcontractors and
25 Suppliers bearing the date of Substantial Completion or some other date as may be agreed to by Owner and
26 stating the period of warranty as required by the Contract Documents.

27

28 Section 1.42. Substitution.

29 “Substitution” shall mean a system, process, product or material similar in form or function and equal in
30 quality and performance to that shown or specified. Note: Substitutions may be subject to DSA approval
31 prior to fabrication or use.

32

33 Section 1.43. Supply.

34 “Supply” shall mean to furnish only, complete and ready for installation, including shipping, delivery,
35 protection, and any assembly required prior to installation.

36

37 Section 1.44. Work.

38 The construction and services required from Entity by the Contract Documents, whether completed or
39 partially completed, and includes all other labor, materials, equipment and services provided or to be provided
40 by Entity to fulfill its obligations to provide a complete, usable and functional Project consistent with the
41 design intent of the District’s Architect. The Work may constitute the whole or a part of the Project.

42

43 Section 1.45. Work Plan

44 The resource-loaded Work Plan prepared by Entity (or any other party as requested by the District) depicting
45 the activities to be accomplished for the Project and the anticipated labor (and resulting personnel costs),
46 together with anticipated Reimbursable Expenses.

47

1 ARTICLE 2. CONSTRUCTION DOCUMENTS

2
3 Section 2.01. General Intent of Construction Documents.

4 It is the overriding intent of the Construction Documents that the work performed shall result in a complete
5 and operable project in satisfactory condition for occupancy, with all mechanical equipment in functional
6 operating condition and fit for the use for which it is intended, and which complies in all respects with the
7 Construction Documents. No extra compensation will be allowed for anything omitted but fairly implied to be
8 included in the Construction Documents.
9

10 Section 2.02. Labor and Materials.

11 Unless otherwise provided in the Construction Documents, the Entity shall provide and pay for all labor,
12 materials, equipment, tools, construction equipment and machinery, water, light, heat, utilities, transportation
13 and other facilities and services necessary for the execution and completion of the Work in accordance with
14 the Construction Documents, whether or not specifically described herein, as long as same is reasonably
15 inferable there from as being necessary to produce the intended results, whether temporary or permanent, and
16 whether or not incorporated or to be incorporated in the Work.
17

18 Section 2.03. Complementary Feature of Various Parts of Construction Documents.

19 The Construction Documents, including the specifications and plans and drawings, are complementary and
20 what is called for by any one shall be as binding as if called for by all. In case of conflict, large scale (detail)
21 drawings shall govern over small-scale drawings, the Specifications shall govern over the Plans except as
22 noted below, and subsequent addenda, Interpretations, or Change Orders shall govern over the original
23 documents, unless a different order of precedence is noted elsewhere in conjunction with a specific portion of
24 the documents.
25

26 In case of conflict between the Plans and Specifications, the Plans shall govern in matters of quantity, the
27 Specifications in matters of quality. In case of conflict within the Plans involving quantities or within the
28 Specifications involving quality, the greater quantity and the higher quality shall be provided.
29

30 Where on any drawing a portion of the Work is drawn out and the remainder is indicated in outline, the drawn-
31 out parts shall apply to all other like portions of the Work. Where ornament or other detail is indicated as
32 starting, such detail shall be continued throughout the courses or parts in which it occurs and shall also apply
33 to other similar parts in the Work, unless otherwise indicated.
34

35 Scale drawings, full-size details, and specifications are intended to be fully coordinated and to agree. Where
36 not specifically stated otherwise, all work and materials necessary for each unit of construction, even though
37 only briefly mentioned or indicated, shall be furnished and installed fully and completely, including, but not
38 limited to, the manufacturer's instructions and/or recommendations.
39

40 Any material specified by reference to the number, symbol, or title of a specified standard such as a
41 Commercial Standard, a Federal Specification, a trade association standard, or other similar standards, shall
42 comply with the requirements in the latest approved revision thereof and any amendments or supplements
43 thereto in effect on the Effective Date, except as limited to type, class, or grade, or modified in such reference.

44 The standards referred to, except as modified in the Specifications, shall have full force and effect as though
45 printed in the Specifications.
46

47 Section 2.04. Ownership and Use of Documents.

1 The Plans and Specifications prepared by the Architect are and shall remain the property of the District.

2 Section 2.05. Written Notice.

3 Written notice may be accomplished by personal delivery, United States mail, overnight mail, facsimile,
4 e-mail (with confirmation of receipt), or any other form of commercially accepted communication. The
5 written notice shall become effective upon delivery. Delivery is complete when the notice is hand delivered to
6 Entity's home office, job-site office, or to Entity's superintendent; or when the facsimile transmission is
7 complete if completed by 5:00 p.m. on a business day, or otherwise on the following business day; or when an
8 e-mail return receipt is sent; or two business days after mailing by U.S. mail; or upon actual delivery as
9 evidenced by a delivery receipt.

10

11 Section 2.06. Not Used.

12

13 Section 2.07. Rights and Remedies.

14 The duties and obligations of the Entity imposed by the Construction Documents and the rights and remedies
15 of the parties available hereunder shall be in addition to and not a limitation of any duties, obligations, rights
16 and remedies otherwise imposed or available by law.

17

18 The failure of the District, the District's Representative, the Project Inspector or the Architect to insist in any
19 one or more instances upon the strict performance of any one or more of the provisions of the Construction
20 Documents or to exercise any right herein contained or provided by law, shall not be construed as a waiver or
21 relinquishment of the performance of such provision or right(s) or of the right to subsequently demand such
22 strict performance or exercise such right(s) and the rights shall continue unchanged and remain in full force
23 and effect.

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3 ARTICLE 3. BONDS

4 Section 3.01. Bonds: Time to Submit.

5 Within ten (10) days after receipt of a Notice to Proceed for Construction, the Entity shall furnish and deliver
6 to the District bonds as set forth below in Sections 3.03 and 3.04.

7 Section 3.02. Qualifications of Surety.

8 All bonds shall be duly executed by a responsible corporate surety listed in the current version of the United
9 States Department of the Treasury circular entitled “Companies Holding Certificates of Authority as
10 Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies,” admitted by the State of
11 California Department of Insurance to do business in the State of California and acceptable to District.

12
13 Section 3.03. Performance Bond.

14 The Entity shall submit a faithful Performance Bond on the form provided by the District, conditioned upon
15 the faithful performance by the Entity of all requirements of the Facilities Lease and the Construction
16 Documents. The amount of the bond shall be in a sum no less than one hundred percent (100%) of the Total
17 Base Rent.

18
19 Section 3.04. Labor and Materials Payment Bond.

20 The Entity shall also submit a bond on the form provided by the District, which in all respects complies with
21 Civil Code sections 3247-3252, inclusive. This bond, hereinafter referred to as a “Payment Bond,” shall be in
22 a sum no less than one hundred percent (100%) of the Total Base Rent.

23
24 Section 3.05. Additional Bonding Requirements.

25 All bonds submitted shall include the following:

- 26
- 27 1. Full name and address of the Entity, Surety, and District
 - 28 2. Effective Date of the Facilities Lease
 - 29 3. Total Base Rent
 - 30 4. Project name and address
 - 31 5. Signature of the Entity
 - 32 6. Corporate Seal if Applicable
 - 33 7. Signature of authorized Surety representative
 - 34 8. Notarization of the Entity and Surety
 - 35 9. Power of Attorney
 - 36 10. Local contact for Surety, with name, phone number, and address to which legal notices may be sent
- 37

1 ARTICLE 4. PERMITS, LICENSES, ORDINANCES, AND REGULATIONS

2
3 Section 4.01. Basic Standard.

4 The Entity shall conduct the Work so that all laws and ordinances for the protection of the public and the
5 workers shall be obeyed fully both by the Entity and by all Subcontractors on the Site.

6
7 The Entity shall comply with the requirements of the California State Licensing Board and have a valid
8 contractor’s license, which is to be active and maintained in “Good Standing” throughout full completion of
9 the Project.

10
11 The Entity, and any used subcontractor shall be registered pursuant to Labor Code section 1725.5 prior to
12 executing any contract or engaging in any work, whichever is earlier, that involves the performance of any
13 public work contract that is subject to the requirements of Division 2, Part 7, Chapter 1 of the California Labor
14 Code, and shall maintain current registration throughout the term of this Contract.

15
16 Section 4.02. Permits.

17 The District shall pay all fees required by the Division of the State Architect, Department of General Services,
18 State of California. The District shall reimburse the Entity for specific construction permits related
19 exclusively to the project and/or project location that could include but are not limited to encroachment
20 permits, water usage permits, meter permits, fire alarm permits, elevator permits, confined space and special
21 work permits, storm water permits, erosion control permits and any applicable State, County or City permits
22 related to agency inspections, utility connection fees, encroachment permits, utility service charges other than
23 temporary utility charges unless otherwise indicated, necessary for the completion of the Work. All other fees
24 and permits shall be at the expense of the Entity. Proper documentation of fee, permit, and utility service
25 charges shall be submitted to the District through the District’s Representative. No mark-up shall be allowed
26 the Entity on these reimbursable charges.

27
28 The Entity shall give all notices and comply with all laws, ordinances, rules, regulations or orders of any
29 public authority bearing on the performance of the Work.

30
31 Except as provided above, the District shall secure and pay for necessary approvals, easements, assessments
32 and charges required for the Construction, use or occupancy of permanent structures or for permanent changes
33 in existing facilities.

34
35 Section 4.03. Compliance with Laws and Regulations.

36 The Entity shall keep itself fully informed of and shall observe and shall conduct its operations so as to
37 comply with, and shall cause any and all persons, firms, or corporations employed by it or under it to observe
38 and comply with all federal and state laws, and county or municipal ordinances, regulations, orders, and
39 decrees which in any manner affect those engaged or employed on the Work, or the materials used in the
40 Work, or in any way affect the conduct of the Work.

41
42 All work shall be performed in accordance with the rules and regulations, latest Edition of Title 24, Parts 1-5
43 and 9, California Code of Regulations, and Division of the State Architect, and a copy shall be kept on the job
44 at all times during construction.

1 ARTICLE 5. INTERPRETATION OF PLANS AND SPECIFICATIONS

2
3 Section 5.01. Sections of Plans and Specifications.

4 For convenience, the Plans and Specifications in the Construction Documents are arranged in several sections,
5 but this separation shall not be considered as the limits of the work required of any separate trade. The terms
6 and conditions of the work to be performed by any Subcontractor are strictly between the Entity and the
7 Subcontractor.

8
9 Section 5.02. Diagrammatic Drawings.

10 Drawings showing the locations of equipment, wiring, piping, etc., unless dimensioned, are diagrammatic, and
11 conditions will not always permit their installation in the exact location shown. In such event, the Entity shall
12 notify the District’s Representative and obtain an Interpretation before proceeding with the work in question.
13 Unless there is a material increase in the Entity’s scope of Work, installation as specified in the Interpretation
14 shall be without any additional compensation to the Entity. Any work done after discovery of the issue, until
15 authorization to proceed based on the Interpretation provided will be done at the Entity’s risk.

16
17 Section 5.03. Interpretation and Additional Instructions.

18 The goal of the preconstruction involvement of Entity and key Subcontractors is to maximize the parties’
19 understanding of the design requirements, including the design intent and all technical requirements of the
20 Project, prior to field construction. In particular, if provided for in Preconstruction Services, the District
21 expects Entity to have conducted extensive constructability review using BIM models provided to Entity and
22 to have resolved all potential conflicts that reasonably could be identified in a thorough review prior to notice
23 to proceed with construction. If the parties have maximized this opportunity, then there will be little or no need
24 for RFIs or clarifications after construction is commenced.

25
26 To the extent that the need for clarification does arise, the party seeking clarification should first raise the issue
27 either in a face-to-face conversation or via telephone with the Architect. The initial conversation shall
28 describe the issue, identify the area affected, and request the clarification needed. If the parties to that
29 conversation resolve the issue in the course of that conversation, they shall also agree on how the clarification
30 shall be documented. If the parties to that conversation are not able to resolve the issue in the course of that
31 conversation, they shall agree on how the issue will be resolved (who, will do what, by when) and shall agree
32 which of them will notify the District concerning the issue and the plan for resolution. It is the parties' goal
33 that RFI's will only be issued to document solutions, rather than raise questions that have not previously been
34 the subject of a conversation. To the extent that resolution of the issue may affect progress of the Work, the
35 issue shall be included in the schedule updates.

36
37 Should the Entity proceed with the work affected before receipt of instructions from the Architect, and, in the
38 case of a change to the Work, before authorization to proceed, it shall remove and replace or adjust any work
39 which is not in accordance therewith, and it shall be responsible for any resultant damage, defect, or added
40 cost, without an extension of the Contract Time.

41
42 Section 5.04. Architect’s Instruction Bulletins and Drawings.

43 In addition to the drawings incorporated in the Construction Documents, the Architect may furnish such
44 supplemental drawings or instructions from time to time as may be necessary to make clear or to define in
45 greater detail the intent of the Plans and Specifications. In furnishing additional drawings or instructions, the
46 Architect shall have the authority to make minor changes in the Work, not involving any extra cost, and not
47 inconsistent with the overall design of the Project. Any Architect’s Instruction Bulletin including a change to

1 the Plans and Specifications must be accompanied by a Form DSA-140. If extra cost is known to be involved,
2 and time permits, these instructions will be accompanied by a RFP. The Entity shall have up to ten (10) days
3 to respond to the RFP in the form of a Proposed Change Order which shall be accompanied by the
4 supplemental drawings or instructions signed by the Entity. Upon approval of the PCO, the supplemental
5 drawings or instructions shall become a part of the Construction Documents; the Entity shall make its Work
6 conform to them. If time does not permit the processing of a Change Order, the supplemental drawings or
7 instructions will be accompanied by a Construction Change Directive.

8
9 Section 5.05. Notification of Disagreement Regarding Scope of Work.

10 When the Entity does not agree that work due to an Interpretation or supplemental drawing or instruction is
11 within the scope of the Construction Documents, the Entity shall nevertheless perform such work without
12 delay. Within seven (7) days after receipt of the Interpretation or instruction, the Entity shall submit a
13 Proposed Change Order to the District's Representative specifying in detail in what particulars the
14 construction requirements were exceeded and the change in cost resulting therefrom. **Failure of the Entity to**
15 **provide timely written notice waives the Entity's right to claim that the Interpretation or Architect's**
16 **Instruction Bulletin constitutes a change to the Contract Documents.** The District's Representative shall
17 then determine whether the work should be covered by a contingency or allowance per Section 4.4.2.4 or an
18 amendment to the Total Base Rent is warranted. Change Orders shall be issued in accordance with Article 15
19 of these General Construction Terms and Conditions. The time during which the request is pending shall not
20 affect the Contract Time.

21
22 Section 5.06. As-Built Drawings and Specifications.

23 The Entity shall maintain a hard copy or PDF master set of red line Drawings and Specifications at the Site
24 which shall be updated weekly to reflect current as-built conditions of the Work as the Work progresses.
25 The information to be recorded by the Entity will be determined by the Architect, who will be responsible
26 for preparing the final, reproducible as-built drawings based upon the information submitted by the Entity.
27 The Entity's as-built information shall be clear and legible, and at a minimum, the following information
28 shall be inserted and dimensioned on those Drawings and Specifications, in RED, by the Entity: the exact
29 horizontal and vertical location of all installations in their finished condition, including all electrical,
30 plumbing and mechanical installations; all changes in construction, materials and installed equipment;
31 posting of all issued addenda, Request for Information (RFI) signed by the Architect and Architect's
32 Instruction Bulletins with back-up to the bid documents in all applicable locations along with adequate
33 dimensional data, both horizontal and vertical, to allow location of covered installations; the identification
34 of each change authorized by Directive, and the number of that Directive. The updated drawings and
35 specifications shall be available for review by the District Representative and the Inspector. If as-builts are
36 marked up in PDF format, the file shall be made available remotely in a manner acceptable to the District
37 Representative and Inspector.

38
39 Written confirmation from the District Representative that the as-builts have been properly updated weekly
40 shall be submitted with each pay application request, and the existence of such properly updated as-builts
41 shall be a condition precedent to payment. Failure to comply with the preparation and submission of as-
42 builts may result in the District withholding the current lease payment.

43
44 As a condition to certification of final completion, the Entity shall provide signed and dated original as-built
45 drawings and specifications in a PDF color format, with a resolution of 600 DPI and each plan sheet and
46 specification section bookmarked by name, number or title, together with all additional information
47 requested by the Architect to enable the Architect to prepare a set of final, reproducible as-built drawings

1 and specifications. Timely submission of complete as-built documents shall be a condition precedent to
2 certification of final completion. Delays in the submission of complete as-built documents may subject the
3 Entity to liquidated damages.
4

1 ARTICLE 6. SUBCONTRACTORS

2
3 Section 6.01. Subcontracting.

4 The Entity shall give personal attention to the fulfillment of the Construction Documents and all Work of the
5 Project and shall control the Work.

6
7 If the Entity subcontracts any Work to be performed or materials to be supplied pursuant to this Agreement,
8 the Entity shall be as fully responsible to the District for the acts and/or omissions of such subcontractor or
9 supplier and of the persons either directly or indirectly employed or engaged as subcontractors by such
10 subcontractor or supplier as it is for its own acts and omissions.

11
12 The Entity shall bind every Subcontractor or supplier, and every subcontractor of a Subcontractor, by the
13 terms of the Construction Documents. Every subcontract at every level shall include and incorporate Exhibit
14 E, the insurance requirements.

15
16 The Entity shall be responsible to ensure that each of its Subcontractors has an active contractor's license
17 pertaining to its classification of work maintained in "good standing" from commencement of the
18 Subcontractor's work through final completion of the Project.

19
20 All Subcontractors shall be registered pursuant to Labor Code section 1725.5 before performing any public
21 work contract that is subject to the requirements of Division 2, Part 7, Chapter 1 of the California Labor Code,
22 and shall maintain current registration throughout through final completion of the Project.

23
24 The Entity shall not perform work on the Project with a Subcontractor who is ineligible to perform work on
25 public works project pursuant to Labor Code sections 1725.5, 1777.1, or 1777.7.

26
27 Section 6.02. Compliance with Project Labor Agreement.

28 The Entity must comply with requirements in the Project Labor Agreement ("PLA"), including without
29 limitation that the Entity and all subcontractors at every tier will use a skilled and trained workforce to perform
30 all work on the Project that falls within an apprenticeable occupation in the building and construction trades.

31
32 Section 6.03. Disputes Between Subcontractors and/or the Entity.

33 If, through acts or neglect on the part of the Entity, including failure to supervise and control its subcontractors
34 or suppliers, any other contractor, subcontractor or supplier, or worker suffers loss or damage, the Entity
35 agrees to resolve any resulting dispute with such other contractor, subcontractor, supplier, or worker by
36 agreement, arbitration or litigation, if such other contractor, subcontractor, or worker shall assert any claim
37 against the District or any of its officers, agents, or employees, on account of any damage alleged to have been
38 so sustained.

39
40 In the event of the receipt of any such claim, the District shall notify the Entity, who shall defend, indemnify,
41 and save harmless the District and all of its officers, agents, and employees against any such claim, as
42 provided in the Facilities Lease paragraph 5.5.2..

43
44 Section 6.04. Dealings with Subcontractors.

45 Nothing contained in the Construction Documents shall create any contractual relationship between any
46 Subcontractor or supplier and the District or any of its representatives, nor shall the Facilities Lease or the
47 Construction Documents be construed to be for the benefit of any Subcontractor or supplier.

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Section 6.05. Termination of Unsatisfactory Subcontractors.

When any portion of the Work that has been subcontracted by the Entity is not being prosecuted in a satisfactory manner, or when materials supplied do not conform to the Construction Documents, the District may direct the Entity to discharge the subcontractor or supplier.

Any Subcontractor or supplier that is discharged shall not again be employed on this Project.

Section 6.06. Payment of Subcontractors and Suppliers.

The Entity shall make all payments to Subcontractors and suppliers as expeditiously and timely as possible, consistent with any applicable law so as to prevent any stop notices, liens or claims from being filed against the District or the Site. Provided that the District has not withheld payments contrary to the provisions of the Facilities Lease, these General Construction Terms and Conditions or law, the Entity shall indemnify, defend and hold the District harmless from any claims or actions which allege that any Subcontractor or supplier was not paid with respect to the Project, except for claims resulting from dispute between District and Entity. Election to bond subcontractors and include the cost of subcontractor bond in the TBR is Entity's with prior approval of the District.

Section 6.07. Subguard.

To the extent the Entity obtains subguard insurance and includes the premiums in the Total Base Rent, the Entity shall refund to the District at the completion of the Project any savings in the premiums.

1 ARTICLE 7. STATE REQUIREMENTS REGARDING WAGES, HOURS, AND EQUAL
2 OPPORTUNITY
3

4 Section 7.01. Prevailing Wage Rate; Notice.

5 As provided under Labor Code Sections 1726-1861, the Director of the Department of Industrial Relations
6 (DIR) of the State of California has determined the prevailing rate of wages in the locality in which the work
7 on the project is to be performed for each craft, classification, or type of worker needed to execute this
8 Contract. The prevailing rates so determined are on file with the District, and they are available for public
9 inspection. They may also be obtained on the Internet at
10 http://www.dir.ca.gov/DIR/S&R/statistics_research.html. Those prevailing wage rates hereby are incorporated
11 in this agreement and made a part hereof.
12

13 The Entity shall obtain and post copies of these prevailing wage rates in a prominent place at the job site, in
14 accordance with the regulations of the Department of Industrial Relations.
15

16 The Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.
17 The Entity shall post on the jobsite a Notice containing the following language:
18

19 This public works project is subject to monitoring and investigative activities by the
20 Department of Industrial Relations (“DIR”), State of California. This Notice is intended
21 to provide information to all workers employed in the execution of the contract for
22 public work and to all contractors and other persons having access to the job site to
23 enable the DIR to ensure compliance with and enforcement of prevailing wage laws on
24 public works projects.
25

26 The prevailing wage laws require that all workers be paid at least the minimum hourly
27 wage as determined by the Director of Industrial Relations for the specific classification
28 (or type of work) performed by workers on the project. These rates are listed on a
29 separate job site posting of minimum prevailing rates required to be maintained by the
30 public entity which awarded the public works contract. Complaints concerning
31 nonpayment of the required minimum wage rates to workers on this project may be
32 filed with the DIR at any office of the Division of Labor Standards Enforcement
33 (“DLSE”).

34 Local Office Telephone Number: please refer to the DLSE website
35

36 Complaints should be filed in writing immediately upon discovery of any violations of
37 the prevailing wage laws due to the short period of time following the completion of
38 the Project that the DIR may take legal action against those responsible.
39

40 Complaints should contain details about the violations alleged (for example, wrong rate
41 paid, not all hours paid, overtime rate not paid for hours worked in excess of 8 per day
42 or 40 per week, etc) as well as the name of the employer, the public entity which
43 awarded the public works contract, and the location and name of the project.
44

45 For general information concerning the prevailing wage laws and how to file a
46 complaint concerning any violation of these prevailing wage laws, you may contact any
47 DLSE office. Complaint forms are also available at the DIR website found at:

1 www.dir.ca.gov/dlse/PublicWorks.html.

2 Section 7.02. Payment of Prevailing Wage Rates.

3 Pursuant to Labor Code Section 1772, workers employed by contractors or subcontractors in the execution of
4 any contract for public work, including the Preconstruction Services, are deemed to be employed upon public
5 work as defined in Labor Code Sections 1720-1725. Therefore, the Entity shall pay, and shall cause all
6 subcontractors, whether under contract with the Entity or under contract with any Subcontractor, to pay not
7 less than the specified prevailing wage rates to all workers employed in the execution of this Contract.
8

9 In accordance with Labor Code Section 1775, the Entity shall monitor the payment of the specified general
10 prevailing rate of per diem wages by subcontractors to employees by periodic review of the certified payrolls
11 of the subcontractors.
12

13 Section 7.03. Wage Rate for Crafts Not Listed.

14 The responsibility to check prevailing wage rates is the Entity's. Pursuant to Labor Code Section 1773, the
15 Entity may file with the Director of DIR or the Chief of the Division of Labor Standards Enforcement
16 ("DLSE") a petition to review a determination of any rate or rates made by the Director of DIR. The Entity
17 may also petition the Director of DIR to make a determination for a particular craft, classification or type of
18 work not covered by a general determination. Pending the review or determination, the wages may be
19 assumed to be those in the applicable collective bargaining agreement, but no adjustment in the Total Base
20 Rent shall be made if such assumption is incorrect.
21

22 Section 7.04. Records of Hours Worked and Wages.

23 The Entity shall keep, and shall cause all subcontractors on the Project to keep, certified payroll records of the
24 hours and wages of all employees employed on the Project, and those records shall be open at all times for
25 inspection by the District and/or the Division of Labor Statistics and Enforcement, in accordance with
26 Sections 1776 and 1812 of the Labor Code. The certified payroll records shall be submitted to DIR including
27 all required information and including, at a minimum, the following information: the name, address, social
28 security number, work classification, dates of payroll period, straight time, and overtime hours worked each
29 day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee
30 employed by the Entity and/or each subcontractor in connection with the Work.
31

32 If the District requests copies of the certified payroll records, then the Entity and/or any subcontractor must
33 provide the requested records within ten (10) days of the request. In the event that the Entity and/or any
34 subcontractor fails to submit certified payroll records within ten (10) calendar days of a request from the
35 District for the records, then the Entity and/or the subcontractor shall, as a penalty, forfeit one hundred dollars
36 (\$100) per calendar day, per worker, until strict compliance is effectuated. These penalties shall be withheld
37 from lease payments then due and/or to become due. The Entity is not subject to this penalty assessment due
38 to the failure of a subcontractor to comply with these requirements if the Entity can demonstrate that it has
39 fully complied with the provisions of Labor Code Section 1776.
40

41 The Entity shall not carry on its payrolls any person not actually employed by the Entity, including without
42 limitation employees of any subcontractor. The Entity shall show on its payrolls all persons actually employed
43 by the Entity on the Project, in any capacity. The Entity shall cause all subcontractors on the Project, whether
44 under contract with the Entity or under contract with any Subcontractor, to comply with this Section.
45

46 In accordance with Government Code Section 8546.7, or any amendments thereto, all books, records, and files
47 of the Entity, or any subcontractor connected with the performance of this Contract, shall be subject to

1 examination and audit by the Auditor General for a period of three (3) years after final payment. The Entity
2 shall preserve and cause all subcontractors to preserve such books, records and files for the audit period.

3 Section 7.05. Additional Requirements for Labor Compliance.

4 The Entity shall comply with all applicable and current requirements of the DIR and the DLSE, including
5 without limitation the following additional requirements, and shall cause all subcontractors on the Project,
6 whether under contract with the Entity or under contract with any Subcontractor, to comply. The records kept
7 by the Contactor and all subcontractors of the hours and wages of all employees employed on Project also
8 shall be open at all times for inspection by the DIR and DLSE, in accordance with Sections 1776 and 1812 of
9 the Labor Code. Such records shall be furnished electronically to the Labor Commissioner of the DIR
10 monthly, unless more frequent submission is required herein, and shall be furnished within 10 days of any
11 separate request by the DIR or DLSE. Payroll records shall be furnished in a format prescribed by the DIR
12 and uploaded into the electronic certified payroll reporting (eCPR) system.

13
14 On a random basis and at such other times as it deems appropriate, the DIR also may confirm the accuracy of
15 payroll reports, including by corroboration of information in payroll reports through independent sources,
16 including without limitation worker interviews, examination of any time and pay records found within the
17 definition of "Payroll Records" in section 16000 of Title 8 of the California Code of Regulations, direct
18 verification of "Employer Payments" (as defined at section 16000 of Title 8 of the California Code of
19 Regulations) through third-party recipients of those payments, or any other legal and reasonable method of
20 corroboration. As part of its confirmation process, the DIR may require the Entity and any of its
21 subcontractors to furnish for inspection itemized statements prepared in accordance with Labor Code Section
22 226. The DIR may conduct random confirmation based on a recognized statistical sampling of the records
23 submitted.

24
25 The DIR may conduct in-person inspection(s) at the site or sites at which the Work of the Project is being
26 performed ("On-Site Visits"). On-Site Visits may include visual inspection of required job site notices,
27 including but not limited to (1) the determination(s) of the Director of DIR of the prevailing wage rate of per
28 diem wages required to be posted at each job site in compliance with Labor Code Section 1773.2; (2) the
29 Notice of pay days and time and place of payment required by Labor Code Section 207; and (3) any other
30 notices prescribed by law. On-Site Visits may also include inspections of records, inspections of the work site
31 and observation of work activities, interviews of workers and others involved with the Project, and any other
32 activities deemed necessary by the DIR to ensure compliance with prevailing wage requirements. Under Labor
33 Code Section 90, the Labor Commissioner and his deputies and agents shall have free access to any
34 construction site or other place of labor and may obtain any information or statistics pertaining to the lawful
35 duties of the Labor Commissioner, including but not limited to evidence of compliance with Labor Code
36 Section 226 (itemized wage statements for employees) and other laws enforced by the Labor Commissioner.

37
38 In accordance with Section 16463 of Title 8 of the California Code of Regulations ("8 CCR Section 16463"),
39 the District may, on its own or if required by the Labor Commissioner, withhold funds due to the Entity when
40 payroll records are delinquent or inadequate. The amount withheld shall be those payments due or estimated to
41 be due to the Entity or subcontractor whose payroll records are delinquent or inadequate, plus any additional
42 amount that the Labor Commissioner has reasonable cause to believe may be needed to cover a back wage and
43 penalty assessment against the Entity or subcontractor whose payroll records are delinquent or inadequate.
44 The Entity shall cease all payments to a subcontractor whose payroll records are delinquent or inadequate until
45 the Labor Commissioner provides notice that the subcontractor has cured the delinquency or deficiency.
46 When payments are withheld under 8 CCR Section 16463, the Labor Commissioner will provide the Entity
47 and subcontractor, if applicable, with immediate written notice that includes all of the following: (1) a

1 statement that payments are being withheld due to delinquent or inadequate payroll records, and that identifies
2 what records are missing or states why records that have been submitted are deemed inadequate; (2) specifies
3 what amounts the District has been directed to withhold; and (3) informs the Entity or subcontractor of the
4 right to request an expedited hearing to review the withholding of payments under Labor Code Section 1742,
5 limited to the issue of whether the records are delinquent or inadequate or the Labor Commissioner has
6 exceeded his or her authority under 8 CCR Section 16463. Where the violation is by a subcontractor, the
7 Entity shall be notified of the nature of the violation and reference shall be made to Entity's rights to withhold
8 or recover payments from the subcontractor under Labor Code Section 1729. The withholdings under 8 CCR
9 Section 16463 do not preclude assessment of penalties under Labor Code Section 1776(g) for failure to timely
10 comply with a written request for certified payroll records, as set forth below.

11 Section 7.06. Underpayment of Wages.

12 The Entity agrees that in the event of underpayment of wages to any employee on the Project, whether by the
13 Entity or any subcontractor on the Project, the District may retain from payments due to the Entity, an amount
14 sufficient to pay such worker the difference between the wages required to be paid by the DIR, and the wages
15 actually paid such worker for the total number of hours worked, plus any penalties and forfeitures. The
16 District may disburse such retention to such employees.

17
18
19 Section 7.07. Apprentices.

20 Attention is directed to the provisions of the PLA and Sections 1777.5, 1777.6 and 1777.7 of the Labor Code
21 concerning the employment of apprentices by the Entity or any subcontractor.

22
23 The Entity and all subcontractors on the Project shall comply with the requirements of the PLA and Sections
24 1777.5 and Section 1777.6 of the Labor Code in the employment of apprentices. Violation of these
25 requirements shall subject the Entity and/or subcontractor to the penalties set forth in Section 1777.7 of the
26 Labor Code and/or otherwise provided by law or Contract.

27
28 Information relative to apprentice standards, wage schedules, and other requirements may be obtained from
29 the Director of Industrial Relations, ex-officio the Administrator of Apprenticeship, San Francisco, California,
30 from the Division of Apprenticeship Standards or its branch offices, and/or on the DLSR website at
31 www.dir.ca.gov/DLSR/PWD. Apprentices employed on the Project must at all times work with or be under
32 the direct supervision of a journeyman or journeymen.

33
34 Section 7.08. Penalties.

35 In accordance with Articles 2 and 3, Chapter 1, Part 7, Division 2 of the Labor Code, particularly Sections
36 1775, 1776, 1777.7 and 1813, the Entity shall forfeit to District as a penalty the sum specified below, over and
37 above any retention or withholds otherwise authorized by the agreement, as follows:

- 38
39 A. Up to two hundred dollars (\$200) for each calendar day, or portion thereof, for each worker paid less
40 than the applicable prevailing wages for any work done by him/her under this Contract or under any
41 subcontract on the Project, with the amount to be determined by the Labor Commissioner in
42 accordance with the considerations set forth in Labor Code section 1775. If a worker employed by a
43 subcontractor on the Project is paid less than the prevailing wages by the subcontractor, the Entity is
44 not subject to this penalty assessment if the Entity can demonstrate that it did not have knowledge of
45 that failure of the subcontractor to pay the prevailing wages and that it strictly complied with the
46 requirements of Labor Code Section 1775(b).

1 B. Twenty-five dollars (\$25) for each worker employed in the execution of this agreement by the Entity
2 or by any subcontractor on the Project for each calendar day during which such worker is required or
3 permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one
4 calendar week in violation of the provisions of Article 3.
5

6 C. Failure to provide certified payroll records to the District or to the Labor Commissioner within ten (10)
7 calendar days of a request, shall, in addition to resulting in a withholding of payments due, result in a
8 penalty in the amount of one hundred dollars (\$100) for each calendar day, or portion thereof, for each
9 worker until strict compliance is effectuated. The Entity is not subject to this penalty assessment due
10 to the failure of a subcontractor to comply with these requirements if the Entity can demonstrate that it
11 has fully complied with the provisions of Labor Code Section 1776.
12

13 D. Knowing violation of Labor Code Section 1777.5 shall yield a penalty in an amount not exceeding one
14 hundred dollars (\$100) for each full calendar day of non-compliance. A contractor or subcontractor
15 who knowingly commits a second or subsequent violation of Section 1777.5 within a three-year
16 period, where noncompliance results in apprenticeship training not being provided as required, shall
17 forfeit as a civil penalty the sum of no more than three hundred dollars (\$300) for each full calendar
18 day of noncompliance.
19

20 Section 7.09. Hours of Work; Approval of Schedules.

21 Eight (8) hours of labor constitutes a legal day's work, and forty (40) hours constitutes a legal work week. No
22 worker employed at any time by the Entity, or by any subcontractor upon the Project, shall be required or
23 permitted to work more than eight (8) hours in any one calendar day or forty (40) hours in any one week,
24 except as provided in Labor Code Sections 1810 through 1815.
25

26 Overtime shall be paid at the rate of not less than one and one-half (1-1/2) times the basic rate of pay, or at
27 such other rate as stated on the applicable Determination issued by the DIR, or as may be required by
28 applicable statutes or collective bargaining agreements.
29

30 The District reserves the right to approve or disapprove the days scheduled for work, and the hours during
31 which work is in progress.
32

33 Section 7.10. Compliance with State Anti-Discrimination Laws.

34 The Entity shall comply with Section 1735 of the Labor Code, which provides as follows:

35 "A contractor shall not discriminate in the employment of persons upon public works on
36 any basis listed in subdivision (a) of Section 12940 of the Government Code, as those
37 bases are defined in Sections 12926 and 12926.1 of the Government Code, except as
38 otherwise provided in Section 12940 of the Government Code. Every contractor for
39 public works who violates this section is subject to all the penalties imposed for a
40 violation of this chapter."
41

42 Section 7.11. Workers' Compensation Insurance.

43 The Entity shall provide, at all times during the term of this Facilities Lease, at its sole cost and expense,
44 workers' compensation insurance for all of the employees engaged in work for the Project. In case any of
45 the Entity's work is sublet, the Entity shall require the Subcontractor similarly to ensure that all workers
46 performing Project work are covered by workers' compensation insurance required by law. Any class of
47 employee or employees not covered by a Subcontractor's insurance shall be covered by the Entity's

1 insurance. In case any class of employees engaged in work on or at the site of the Project is not protected
2 under Workers' Compensation laws, the Entity shall provide or shall cause a Subcontractor to provide,
3 adequate insurance coverage for the protection of such employee, not otherwise protected. The Entity shall
4 file with the District certificates of its workers' compensation insurance, as required in Exhibit E. The
5 Entity is required to secure payment of compensation to its employees in accordance with the provisions of
6 Section 3700 of the Labor Code.

7

1 ARTICLE 8. SUPERVISION AND LABOR

2
3 Section 8.01. Supervision Procedures.

4 The Entity shall supervise and direct the Work using its best skill and attention. The Entity shall be solely
5 responsible for all construction means, methods, techniques, and procedures and for coordinating all portions
6 of the Work under the Facilities Lease and the Construction Documents.

7
8 The Entity shall be responsible to the District for the acts and omissions of its employees, all subcontractors
9 and their agents and employees and other persons performing any of the Work.

10
11 The Entity shall not be relieved from its obligations to perform the Work in accordance with the Facilities
12 Lease and/or the Construction Documents either by the activities or duties of the Architect or the District's
13 Representative in their administration of the Project or by inspections, tests or approvals (or the lack thereof)
14 required or performed under Article 9 by persons other than the Entity.

15
16 Section 8.02. Skilled Labor.

17 All non-apprentice labor shall have the skills of a journeyman in the applicable trade. All workmanship shall
18 be of the highest quality and finish in all respects.

19
20 All of the workers on the Project must be either "skilled journeymen" or apprentices registered in an
21 apprenticeship program approved by the Chief of the Division of Apprenticeship Standards of the Department
22 of Industrial Relations ("Chief"). A "skilled journeyman" is a worker that either a) graduated from an
23 apprenticeship program for the applicable occupation that was approved by the Chief or located outside
24 California and approved for federal purposes pursuant to the apprenticeship regulations adopted by the federal
25 Secretary of Labor, or b) has at least as many hours of on-the-job experience in the applicable occupation as
26 would be required to graduate from an apprenticeship program for the applicable occupation that is approved
27 by the Chief. In addition, the following percentages of the skilled journeymen employed to perform work
28 on the Project must be graduates of an apprenticeship program for the applicable occupation that was either
29 approved by the Chief pursuant to Section 3075 of the Labor Code or located outside California and approved
30 for federal purposes pursuant to the apprenticeship regulations adopted by the federal Secretary of Labor:

- 31 • For work performed by an acoustical installer, bricklayer, carpenter, cement mason, drywall
32 installer or lather, marble mason, finisher, or setter, modular furniture or systems installer,
33 operating engineer, pile driver, plasterer, roofer or waterproofer, stone mason, surveyor, terrazzo
34 worker or finisher, or tile layer, setter, or finisher: thirty percent (30%) or more;
- 35 • For all others except teamsters: sixty percent (60%) or more.

36
37 The requirement that the specified percentage of skilled journeymen be graduates of an apprenticeship
38 program shall not apply to work performed by teamsters. For an apprenticeable occupation in which no
39 apprenticeship program had been approved by the Chief before January 1, 1995, up to one-half of the
40 graduation percentage requirements above may be satisfied by skilled journeymen who commenced
41 working in the apprenticeable occupation before the Chief's approval of an apprenticeship program for that
42 occupation in the Sacramento County.

43
44 In addition to relying upon the Department of Apprenticeship Standards website for proof of journeymen
45 graduated from DIR-approved apprenticeship programs, the Entity and its subcontractors may rely upon
46 Union hiring hall representation that it holds a valid apprenticeship certificate for its dispatched members,
47 which Union hiring hall representation shall be in writing and maintained by the Entity.

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Section 8.03. No Tenancy.

All workers, subcontractors, or subcontractors’ representatives are admitted to the Site only for the proper execution of the Work, and have no tenancy.

Section 8.04. Dismissal of Unsatisfactory Employees.

The Entity shall at all times enforce strict discipline and good order among all employees including compliance with the District Guidelines for Conduct on School Sites and shall not employ on the Work any unfit person or anyone not skilled in the assigned task as defined in Section 8.02. The Entity shall remove, or cause a subcontractor to remove from the Project, any incompetent employee, or any employee not skilled for the type of work required as defined in Section 8.02, or any employee who does not comply with the District Guidelines for Conduct on School Sites. The District may require that the Entity immediately remove from the Work any employee for cause.

Section 8.05. Personal Attention and Superintendence; Entity’s Agent.

The Entity shall supervise the Work to the end that it shall be faithfully prosecuted. The Entity shall at all times while the Entity’s scope of work is in progress keep a full-time superintendent who is fully empowered to act as agent for the Entity on the Site. The Entity shall advise the District in writing of its agent prior to the start of any work. The Entity shall be responsible for the faithful observation of all instructions delivered to its authorized agent(s).

Section 8.06. Continuity of Entity’s Key Personnel.

The Entity’s Key Personnel as stated in the Entity’s Proposal shall remain fully engaged in the Project throughout the duration of the Project. The Entity’s Key Personnel shall not be substituted without written approval by the District. For the purposes of this section, Entity’s Key Personnel shall include at least the Entity’s project manager and superintendent, as well as any other Key Personnel specifically identified in the Proposal.

Section 8.07. Entity’s Coordination of Work.

The District reserves the right to do other work in connection with the Project by separate contract or otherwise, including, without limitation, with respect to installing relocatable buildings. The District shall give the Entity written notice at least thirty (30) days in advance of any work to be done by the District’s contractors, agents or employees. The Entity and the District shall at all times conduct their work so as to impose no hardship on the other and shall coordinate with each other so that no delays or discrepancies shall result in the whole Project.

Section 8.08. Fingerprinting.

Education Code section 45125.1 applies to this Agreement. Entity shall, prior to commencement of Work, require any person affiliated with Entity (or, in appropriate cases, himself or herself) to be fingerprinted by the Department of Justice (“DOJ”) if that person will have unsupervised access to school campuses. Upon verification from DOJ that those persons fingerprinted have no record of a serious or violent felony, Entity will so certify by signing and submitting to the Governing Board of District the certification in the form provided by the District. In addition, Entity shall submit the names of those persons who have received clearance and are authorized to have unsupervised access to school campuses on a form provided by the District. Any person whose name is not on the cleared list may not have such access. In that case, Entity must make arrangements with District for appropriate access. No person with a violent or serious felony as

1 reported by DOJ may have access to the school campuses.

2

3 Failure to comply with these terms, or permitting unsupervised access by an employee whose name has not
4 been cleared by DOJ as certified by Entity shall constitute grounds for termination of this Agreement.

5

1 ARTICLE 9. INSPECTION AND TESTING

2
3 Section 9.01. Inspection.

4 Inspection shall be provided as required under CCR Title 24, latest Edition. All inspection costs will be paid
5 for by the District, including special inspection required by Title 24, except as noted otherwise below. A list
6 of required inspections for the Project is included in the Construction Documents.
7

8 The Project Inspector shall be approved by the District, DSA, the Architect and the Structural Engineer. The
9 Project Inspector will be employed by the District and will perform all inspections in accordance with Title 24,
10 parts 1-5.

11 Section 9.02. Authority of Project Inspector; Stop Work Notices.

12 The designated Project Inspector shall be considered to be a representative of the District. It is the Project
13 Inspector’s duty to inspect the Work.
14

15
16 The Project Inspector shall have the authority to order the work designated for inspection stopped if a
17 determination is made that work is proceeding in violation of the Construction Documents or any orders
18 issued by the District, District’s Representative, or Architect. The failure of the Project Inspector to order the
19 work stopped does not excuse the Entity from complying with the Construction Documents for that work.
20

21 Upon issuing a stop work notice, the Project Inspector shall notify the Architect, who shall review the work in
22 question and determine whether it does or does not comply with the Construction Documents. The decision of
23 the Architect shall be final, subject to the dispute resolution provisions in Article 23. The Entity shall
24 thereafter comply with the instructions of the Architect regarding corrections needed to cure the defect. The
25 suspended work shall be resumed only when the instructions are fulfilled. The Entity shall not be entitled to an
26 extension of time in the event of such suspension of work if the stop work notice is determined to be validly
27 supported by facts.
28

29 Section 9.03. Effect of Inspections.

30 Neither the final inspection and payment, nor any interim inspection or payment shall relieve the Entity of its
31 obligation to fulfill the Work of the Project as required by the Facilities Lease and/or the Construction
32 Documents.
33

34 Any work, materials or equipment not meeting the requirements and intent of the Construction Documents
35 may be rejected, and unsuitable work or materials shall be made good, notwithstanding the fact that such work
36 or materials may previously have been inspected and/or payment therefore may have been made.
37

38 Section 9.04. Inspection of Completed Work.

39 Should the District’s Representative or the Architect determine that it is necessary or advisable to make an
40 inspection of work already completed at any time before final inspection and acceptance of the Work, by
41 removing or exposing any work, the Entity shall, upon instruction of the District’s Representative, promptly
42 furnish all necessary facilities, labor, and materials to do so. If the work is found to be defective in any respect
43 due to the fault of the Entity or any subcontractor, the Entity shall bear all expenses of such examination and
44 satisfactory reconstruction. If, however, the work is found to meet the requirements of the Construction
45 Documents, the additional cost of labor and material necessarily involved in the examination and replacement
46 shall be allowed the Entity and a Change Order shall be issued for such cost and any time extension justified
47 by delays to the critical path.

1
2 Section 9.05. Notice to District of Inspection.

3 Where the Construction Documents, instructions by the Project Inspector, District's Representative or the
4 Architect, laws, ordinances, or any public authority having jurisdiction require work to be inspected, tested or
5 approved before the Work proceeds, such work shall not proceed, nor shall it be covered up without
6 inspection. If any part of the Work is covered prior to inspection, the District may order the Work to be
7 uncovered so that inspection may be accomplished. The Entity shall bear all expenses of such examination and
8 satisfactory reconstruction.

9
10 The Entity shall provide notice to the Project Inspector at least twenty-four (24) hours in advance of the
11 readiness for inspection, except for special inspection, which requires at least forty-eight (48) hours advance
12 notice.

13
14 All work shall be available for inspection and the Project Inspector shall have full access to review all work
15 during all working times. The Entity shall provide all necessary means of access (e.g. ladders) for the Project
16 Inspector to perform its duties. The Entity shall furnish the Project Inspector with any information necessary
17 to fully inform him/her of conditions. Inspection does not relieve the Entity from fulfilling the requirements of
18 the Facilities Lease and/or the Construction Documents.

19
20 Section 9.06. DSA Field Representative.

21 For projects requiring DSA approval, the Division of the State Architect will designate a field representative
22 who will visit the Site periodically to review with the Project Inspector compliance of the Project with CCR
23 Title 24 requirements. The DSA field representative may require certain modifications to the Project as
24 constructed. In the event the Entity believes they are outside the scope of the Facilities Lease and/or
25 Construction Documents, it shall proceed as provided in Section 5.05.

26
27 Section 9.07. Overtime Work.

28 Whenever the Entity arranges to work at night or any time when work is conducted other than the normal forty
29 (40) hour week, or to vary the period during which work is carried on each day, it shall give the District's
30 Representative and the Project Inspector a minimum of forty-eight (48) hours notice for weekend work and
31 twenty-four (24) hours notice for daily work so that inspection may be provided. Additional inspection costs
32 incurred because of overtime or shift work shall be paid by the District. If this overtime work is necessitated
33 by the Entity's error or failure to perform, the cost of inspection will be borne by the Entity.

34
35 Section 9.08. Materials Which May be Tested.

36 The District reserves the right to require the Entity to provide samples, and to perform tests on any materials,
37 articles, equipment, installations, or Construction performed by the Entity in addition to those specified in the
38 Construction Documents. The District shall assume the cost of sampling and testing materials only when the
39 Construction Documents do not require the Entity to do so.

40
41 Section 9.09. Testing.

42 All tests shall be performed under the supervision of the testing laboratory or consultant employed by the
43 District, and approved by DSA and at such times as are convenient to the Project. The Entity shall provide
44 written notice to the District's Representative at least twenty-four (24) hours prior to the need for off-site tests
45 or inspections, and the District's Representative will arrange such tests or inspections. The Entity shall bear
46 all expenses of tests performed where the Entity failed to provide this minimum notice.

1 Section 9.10. Selection of Samples.

2 All samples and specimens for testing shall be selected by the Project Inspector or by the testing laboratory,
3 but not by the Entity.

4
5 Section 9.11. Delivery of Samples.

6 The Entity shall, at its sole cost and expense, furnish, package, mark, and deliver all samples to be tested at
7 locations other than the Site. Samples shall be delivered either to the Project Inspector or to the testing
8 laboratory or such other address specified by the District's Representative.

9
10 Delivery of all samples to the testing laboratory shall be made in ample time to allow the test to be made
11 without delaying construction. No extra time will be allowed for the completion of the Work by reason of
12 delay in testing samples required by the Construction Documents or due to the Entity's request for
13 substitution.

14
15 The Entity shall allow free access at all times to the representatives of the testing laboratory to the Work, and
16 shall point out the sources from which samples are taken.

17
18 All test reports shall be sent to all parties specified by the District's Representative.

19
20 Section 9.12. Approval of Samples.

21 No materials or work of which samples and/or tests are required shall be used or covered until the District's
22 Representative informs the Entity that such samples and/or tests have been approved. If the Entity installs,
23 uses, or covers any such material, article, or work prior to testing and approval, such shall be at the Entity's
24 sole risk and expense, and it shall bear all costs of uncovering, repair, and replacement thereof.

25
26 The approval of any samples shall be for the characteristics thereof, or for the uses named in such approval,
27 and no other. No approval of any samples shall be deemed a change or modification in any requirement of the
28 Construction Documents. Upon testing of any sample of material or work, no additional sample shall be
29 considered. All material or work installed after the sampling and testing is performed and approved shall be
30 equal to or better than the approved sample in all respects and shall be accompanied by documentary proof
31 that the materials and work sampled is representative of that installed.

32
33 Section 9.13. Damage Due to Testing.

34 The Entity shall, at its sole cost and expense, repair all damage resulting from testing specified in the
35 Construction Documents. The District shall issue a Change Order for repair of damage due to sampling or
36 testing other than specified in the Construction Documents.

37
38 The Entity shall not make any tests upon portions of the Project already completed, except with the prior
39 written consent and under the direction and supervision of the District's Representative.

40
41 Section 9.14. Retesting.

42 If as a result of any test, whether originally specified or not, any material or work is found to be unacceptable,
43 it shall be rejected, and all further sampling and testing required by the District or District's Representative
44 shall be at the Entity's expense. The District shall pay initial costs; however the District may deduct that cost
45 from a subsequent payment.

46

1 Section 9.15. Effect of Sampling and Testing.

2 The District assumes no obligation, and the Entity shall be relieved of no obligation undertaken pursuant to the
3 Construction Documents by virtue of sampling and testing specified in this Article.

4

5 The responsibility for incorporating satisfactory materials and workmanship which meet the Construction
6 Documents into the Work rest entirely with the Entity, notwithstanding any prior samples or tests.

7

1 ARTICLE 10. PROTECTION OF WORKERS, PUBLIC AND PROPERTY

2
3 Section 10.01. Safety Precautions and Programs.

4 The Entity shall be responsible for initiating, maintaining and supervising all safety precautions and programs
5 in connection with the Work, for maintaining all safety and health conditions on the Site, and for ensuring
6 against and/or correcting any hazardous conditions on the Site. Also, in no case shall the District, the
7 District's Representative, the Architect, the Inspector, or their agents, employees or representatives, have
8 either direct or indirect responsibility for the means, methods, techniques, sequences or procedures utilized by
9 the Entity, or for safety precautions and programs in connection with the Work, or for maintaining any safety
10 or health conditions on the Site, or for ensuring or correcting any hazardous conditions on the Site.

11
12 Certain work may be ongoing at the time school is in session; therefore, the Entity shall take precautions to
13 prevent injury and access to children and staff and shall comply with the District's Guidelines for Onsite
14 Safety. Material storage and vehicle access and parking shall be subject to District approval.

15
16 The Entity shall designate a responsible member of its organization at the Site whose duty shall be the
17 prevention of accidents and overall jobsite safety for contractors'/subcontractors' employees, District's
18 Representative, Architect, Project Inspector and visitors. This person shall be the Entity's superintendent
19 unless otherwise designated by the Entity in writing to the District's Representative.

20
21 Section 10.02. Protection of Persons and Property.

22 The Entity shall at all times, until final acceptance, maintain adequate protection against injury to persons,
23 including employees, or damage to property, on or near the Project, or adjacent to the Site. The Entity shall
24 be responsible for maintaining all safety and health conditions on the Site and for ensuring against and/or
25 correcting any hazardous conditions on the Site, except as stated in the Site Lease related to hazardous
26 materials that are pre-existing on Site or brought to the Site by others for whom Entity is not liable. With
27 respect to the Entity's operations and/or duties under this Facilities Lease, in no case shall the District, the
28 District Representative, the Architect, the Inspector, or their agents, employees or representatives, have
29 either direct or indirect responsibility for maintaining any safety or health conditions, or for ensuring against
30 or correcting any hazardous conditions, on or near the Site, or adjacent to the Site.

31
32 The Entity shall provide a safe environment for all functions to be performed by the District's Representative,
33 Architect and Project Inspector, and a safe place for all employees to work. The use of alcohol, drugs, or
34 tobacco will not be permitted on the Site and/or on District property.

35
36 The Entity shall comply with all Occupational Safety laws, rules and regulations applicable to the Work.

37
38 Section 10.03. Protection and Repair of Work.

39 The Entity shall take all reasonable measures to protect the District's structures, facilities, equipment, tools,
40 materials, and any other property on or adjacent to the Site against damage, loss, or theft by providing
41 adequate security measures for its work. The Entity shall, until final completion of the Project and acceptance
42 by the District, maintain protection of all of its work and work performed by others for the Work of the Project
43 from damage, loss, defacement, or vandalism, except that if the District takes occupancy, in whole or in part,
44 of any portion of the Project prior to the date of final completion, the Entity shall no longer have any
45 obligation to protect the occupied portion(s) of the Project except (1) to the extent they may be affected by the
46 Entity's ongoing work, and/or (2) as provided in Sections 10.01, 10.02, 10.04 through 10.10, and 10.12
47 through 10.14 hereof. The Entity shall provide protection of completed work (even if the District has taken

1 beneficial occupancy) that may be subject to damage as a result of the Entity’s failure to perform as scheduled.

2 Section 10.04. Protection of Workers.

3 The Entity shall take every precaution for the safety of all employees and others on the Work, and to comply
4 with all applicable provisions of federal, state and local safety laws and building codes to prevent accidents or
5 injury to persons on, about, or adjacent to the premises where the Work is being performed.

6
7 The Entity shall erect and properly maintain at all times, as required by the conditions and progress of the
8 Work, all necessary safeguards for the protection of workers and the public, and shall post danger signs
9 warning against hazards created by Construction including, but not limited to, protruding nails or reinforcing
10 steel, hod hoists, elevator hatchways, scaffolding, window openings, stairways, and falling materials.

11
12 The Entity shall immediately replace or repair any unsafe ladder, scaffolding, shoring, or bracing, or correct
13 any other dangerous or hazardous situation that may exist. In the event that such situation is due to a pre-
14 existing condition of the facility, the Entity may be entitled to additional compensation under provisions of
15 Article 15 to repair or replace such condition in order to maintain a safe worksite. The responsibility for
16 maintaining a safe working site shall be the Entity’s, and the District and District’s Representative undertake
17 no obligation to suspend the work or notify the Entity of any hazardous conditions or noncompliance with
18 safety laws. In no case shall the District, the District’s Representative, the Architect, the Inspector, or their
19 agents, employees or representatives, have either direct or indirect responsibility for maintaining any safety
20 or health conditions, or for ensuring against or correcting any hazardous conditions on the Site.

21
22 Section 10.05. Working Limits and Regulations.

23 The Entity shall confine its apparatus, storage and materials, and construction operations within the limits
24 established by the District’s Representative, and shall not unreasonably encumber the Site or adjacent areas
25 with its materials and/or equipment.

26
27 The Entity shall enforce any reasonable instructions from the District’s Representative or District regarding
28 placement of signs, fires, danger signals, barricades, radios, noise and smoking, provided such instructions are
29 in compliance with health and safety laws governing construction activities.

30
31 Section 10.06. Protection of Existing Improvements.

32 The Entity shall clean the portions of existing improvements and facilities which are used by, traversed or
33 dirtied by the workers on the Work, normal maintenance due to use by District employees or the public
34 excepted.

35
36 All existing improvements and facilities shall be protected from any damage resulting from the operations,
37 equipment or workers of the Entity during the course of the construction.

38
39 The Entity shall take all necessary precautions to protect existing facilities against the effects of the elements
40 and Entity shall be strictly liable for failure to adequately protect any facility.

41
42 All damaged improvements and facilities to the extent the damages is caused by the Entity or a party for
43 whom the Entity is liable, shall be replaced, repaired, and restored to their original condition without
44 additional cost to the District and without an extension of the Contract Time, subject to payment for damage
45 by insurance proceeds for policies required to be carried under this Lease.

46

1 Section 10.07. Traffic Signals and Traffic Control.

2 Existing signs, lights, traffic signals, control boxes, hydrants, meters, and other similar items occurring within
3 the street or sidewalk areas shall be kept free of obstructions and accessible at all times. All such items shall
4 be protected from the Entity's operations and shall not be obliterated or obscured by its equipment or
5 materials.

6
7 Should it be necessary to cover up, move, or alter such items, this shall be done only with permission of the
8 authorities having jurisdiction over the items involved.

9
10 Should it be necessary to block a street or sidewalk, the Entity shall first notify the District's Representative
11 and the police and fire departments and other agencies with jurisdiction, and shall comply with their
12 instructions, including scheduling limitations.

13
14 Section 10.08. Security of the Site.

15 The Entity's attention is directed to Specification Section 01500 regarding requirements for fencing the Site,
16 gates, and screening.

17
18 Section 10.09. Removal of Barricades.

19 Upon completion of the work, the Entity shall remove from the Site all materials used for barricades,
20 temporary scaffolding, or any other temporary uses.

21
22 Section 10.10. Protection of Adjacent Property; Notices.

23 In addition to any requirements imposed by law, the Entity shall shore up, brace, underpin, and protect as may
24 be necessary all foundations and other parts of all existing structures on the Site or adjacent to the Site which
25 are in any way affected by the excavations or other operations connected with the completion of the Work.

26
27 Prior to excavation, the Entity shall notify all public utilities and governmental agencies of the work proposed,
28 and shall ascertain from them the exact location of their utilities.

29
30 Prior to commencing any work which in any way affects adjoining or adjacent land or buildings thereon, or
31 public utilities, the Entity shall notify the District's Representative, who will send the District and occupants
32 thereof a notice, which specifies the type of work to be done, the schedule of the work, the impacts expected
33 from the work and the protective measures being taken by the Entity. The notice shall also specify that any
34 person receiving notice who has questions regarding it may contact the District's Representative.

35
36 Whenever any notice is required to be given to any adjoining or adjacent landowner, utility, governmental
37 agency or other party before commencement of any work, the notice shall be given by the Entity at least seven
38 (7) days in advance of the work, or longer if required by law or regulation, with a copy delivered to the
39 District's Representative.

40
41 The Entity shall, at the written instruction of the District's Representative, meet with any recipient of such
42 notice to explain and discuss the proposed work.

43
44 Section 10.11. Indemnification of Adjacent Property Owners.

45 In the event the Entity enters any agreement with the owners of any adjacent property to enter upon or
46 adjacent to such property for the purpose of performing the Work, the Entity shall, unless a written agreement
47 with the owners of the adjacent property provides otherwise, fully indemnify, defend and save harmless such

1 person, firm, or Entity, state or other governmental agency which owns or has any interest in the adjacent
2 property. The form and content of the indemnification agreement shall be approved by the District prior to
3 commencement of any work on or about such property.
4

5 Section 10.12. Fire Protection.

6 The Entity shall take all steps necessary to protect all structures from fires and sparks originating from the
7 Work, shall comply with all laws and regulations regarding fire protection, and shall comply with all
8 instructions of the fire department with jurisdiction.
9

10 The Entity shall notify the District's Representative and the fire department in writing at least seventy-two
11 (72) hours prior to disconnection of either water or electrical service to the Site, and shall comply with the fire
12 department's instructions regarding fire safety.
13

14 The Entity must keep the fire intrusion detection systems operational throughout the duration and scope of its
15 Work.
16

17 Section 10.13. Repairs or Replacement.

18 Any damage to existing conditions, or to any other improvement or property above or below the surface of the
19 ground, whether private or public, arising from performance of this contract by the Entity or any party for
20 whom the Entity is liable, shall be repaired within forty-eight (48) hours by the Entity without expense to the
21 District (subject to coverage under insurance in accordance with all applicable provisions in this Lease related
22 to insurance), unless disruption of school operation or creation of a safety hazard has occurred, in which case
23 damage will be corrected immediately. If the work cannot be completed within forty-eight (48) hours, then the
24 Entity must be able to show substantial progress toward completion within that time frame.
25

26 If, in the opinion of the Architect, the best interest of the District requires that repairs be made prior to the
27 execution of any further work, the District's Representative will so notify the Entity who shall delay or
28 discontinue that part of the Work until the necessary repair has been made. Such delay shall be considered
29 non-compensable.
30

31 Upon the failure of the Entity to comply with any such order, or upon the Entity's failure to make immediate
32 emergency repairs which are necessary to protect the Work, the District shall do that work itself as is
33 necessary to protect life and property, in its sole discretion, and deduct the total cost of such work from the
34 next Lease Payment. No prior notice to the Entity shall be necessary for the District to take this action.
35

36 Section 10.14. Emergency Safety Actions.

37 In an emergency affecting the safety of life or property, including adjoining property, the Entity, without
38 previous instructions or authorizations from the District, is authorized and shall act at its discretion and risk to
39 prevent such threatened loss or injury, and the Entity shall bear all costs of that action, unless such emergency
40 is caused by the District's negligence or willful misconduct. The Entity shall immediately notify the District's
41 Representative of such actions, and thereafter shall comply with any instructions issued by the District's
42 Representative.
43

1 ARTICLE 11. SUBMITTALS, SUBSTITUTIONS AND MATERIALS

2
3 Section 11.01. Submittals.

4 The Entity, at its sole cost and expense, shall furnish to the District’s Representative all submittals and other
5 descriptive material as are required by the Specifications or requested by the Architect.

6
7 Shop drawings shall be done with sufficient detail to adequately describe items proposed to be furnished or
8 methods of installation to enable the District and Architect to determine compliance with the Specifications
9 and with the design and arrangement shown on the working drawings.

10
11 The Entity shall check and coordinate all submittals with the work of all trades involved before they are
12 submitted. The Entity shall review each submittal for conformance with the requirements of the Construction
13 Documents.

14
15 All submittals for the Project shall be made within Thirty-five (35) days of the approval of the schedule of
16 submittals or as otherwise agreed with the District; however, the Entity shall have the additional responsibility
17 to coordinate the schedule of its submittals with the requirements of the Construction Schedule so as not to
18 delay the Project. No delay claims related to submittals will be entertained on the Project for any submittal
19 originally received after the thirty-five (35) day submittal period or such other period agreed upon by the
20 District. The District shall not accept limitations in materials, colors, quality, or any other aspect of products
21 or materials due to the Entity’s failure to provide submittals as required. At the District’s discretion, the Entity
22 may be directed to furnish and install temporary materials until the District selected material is available.
23 Further, the District may require the Entity to install the District selected materials during non-school
24 hours/days without an increase in the Total Base Rent and without an extension of the Contract Time.

25
26 The Entity shall submit a schedule of submittals organized by Specification section required for the Project. It
27 shall delineate whether product data, installation instructions, shop drawings, samples, extra stock or mock-
28 ups are required. The schedule of Submittals shall indicate whether the Submittal will be in electronic format,
29 as set forth below. In general, other than items requiring color selections, samples and shop drawings,
30 Submittals will be in electronic format. This schedule of Submittals shall be submitted using an approved
31 Excel Template within ten (10) calendar days of the issuance of the Notice to Proceed for Construction. Any
32 omissions or inaccuracies shall not relieve the Contractor of the obligation for conforming to the requirements
33 in the Contract Documents. The Contractor’s Submittal schedule shall provide sufficient time for delivering
34 the Submittal to the Architect, the Architect's review of each Submittal, delivering the Submittal to the
35 Contractor and re-submittal as necessary. In no case shall the Contractor allow fewer than fourteen (14) days,
36 exclusive of delivery time, for the District Representative and the Architect to review each Submittal.

37
38 Section 11.02. Submission of Submittals.

39 The Entity shall submit electronically. Electronic Submittals which are submitted together shall be compiled
40 into a single, bookmarked PDF file, containing links to enable navigation to each item within the Submittal
41 package. The Entity shall name the electronic Submittal file with a consistent project identifier, composed of
42 the project name, bid package number, and specification section number. Electronic Submittals shall be
43 transmitted via the District Representative’s Collaboration Site address,. Submittals shall be submitted to the
44 District Representative who will not review the Submittals for technical compliance, but may reject any
45 Submittal found, in the District Representative’s judgment, to be incomplete. The District Representative will
46 maintain a Submittal log, and weekly meeting minutes shall note if Submittals have been accepted. Submittals
47 requiring color selections, samples, or shop drawings will be logged into a Sacramento City USD Project

1 Management Software to be selected.

2 For shop drawings, color selections and samples, the Entity shall submit no less than three (3) originals. All
3 Submittals of shop drawings, color selections and samples shall be marked with the project name, the
4 Contractor's name, and the specification section number, and shall be accompanied by a letter of transmittal to
5 the District Representative. The letter of transmittal for shop drawings shall list the identifying number of the
6 drawings submitted and cross-reference them to the page or sheet in the specifications and/or working
7 drawings to which they are related.

8
9 By approving and submitting shop drawings, product data, manufacturer's installation instructions and
10 samples, the Entity represents that it has determined and verified all materials, field measurements and field
11 construction criteria related thereto and that it has checked and coordinated the information contained within
12 those submittals with the requirements of the Work and to the Construction Documents. The Entity shall
13 adhere to any supplementary processing and scheduling instructions pertaining to shop drawings as may be
14 issued by the District's Representative.

15
16 The District's Representative will not accept shop drawings, product data or manufacturers' installation
17 instructions, which are not sufficiently dimensioned and detailed to demonstrate compliance with the
18 Construction Documents.

19
20 The Submittals shall be submitted promptly, so as to cause no delay in the Work. The Submittals shall be
21 submitted so as to allow the District's Representative and the Architect a review period of no less than
22 fourteen (14) days.

23
24 Section 11.03. Review of Submittals.

25 Following submission, the Submittals will be reviewed and returned with one or more of five possible
26 responses by the District's Representative or Architect. These possible responses are as follows:

27 A. Unreviewed: If the Submittal is not required, or if it is not complete, or if it does not meet the form,
28 format, and number requirements specified, it may be returned unreviewed. If the Submittal is not
29 required, work may commence; if the Submittal was returned due to form requirements, it shall be
30 resubmitted and approval obtained prior to commencement of the work.

31
32 B. Approved, Reviewed, or No exceptions taken: In the event the Submittal is acceptable as submitted, it
33 will be returned with this status. Work may proceed upon receipt of approved Submittal.

34
35 C. Make Corrections Noted: If the Submittal is acceptable except for certain items, which have been
36 noted by the Architect, it will be so designated. Work may proceed with the corrections made, and no
37 resubmittal is necessary.

38
39 D. Revise and Resubmit: This status indicates that revisions are noted on the Submittal, and an additional
40 Submittal is required to reflect those revisions and/or additional information. Work may not
41 commence until the resubmittal is approved.

42
43 E. Rejected: A Submittal may be rejected if it is not in compliance with the Construction Documents, or
44 if it proposes a substitution which is not acceptable to the Architect. A superseding Submittal shall be
45 submitted and approved prior to commencement of the work.

46
47 Should the Entity proceed with the work shown on a Submittal before approval is received, it shall remove and
48 replace or adjust any work which is not in accordance with the shop drawings or manufacturers' instructions

1 as ultimately approved, and it shall be responsible for any resultant damage, defect, or added cost.
2 The Entity shall resubmit Submittals in categories "D" and "E" above after making any changes required so
3 that Submittals will comply with the Construction Documents. When resubmitting, the Entity shall direct
4 specific attention to deficient areas. Resubmittals shall be made within ten (10) days of return of previous
5 Submittal, and in any event in sufficient time so as to avoid delay to the Work. No delay claims related to
6 resubmittals will be entertained on the Project for any resubmittal originally received after the ten (10) days.

7
8 The Architect shall determine the adequacy and completeness of all Submittals. Where the Architect deems a
9 Submittal to be inadequate, incomplete, or otherwise unsuitable for proper review, the Entity shall submit all
10 additional information requested by the Architect. There shall be no change to the Contract Time or the Total
11 Base Rent when such additional information is required.

12
13 Section 11.04 Submittals Showing Variation from Contract.

14 It shall be the responsibility of the Entity to specifically point out any variation or discrepancy between the
15 shop drawings, product data or manufacturers' installation instructions submitted and the Construction
16 Documents.

17
18 The Entity shall make specific mention of all variations, along with an explanation of why they are requested,
19 in its letter of transmittal.

20
21 Failure by the Entity to identify in its letter of transmittal any variation, discrepancy, or conflict with the
22 Construction Documents shall render the approval null and void, and the Entity shall bear all risk of loss and
23 reconstruction costs or delays.

24
25 If any architectural, plumbing, mechanical, electrical, or structural modifications are required as a result of the
26 approval of shop drawings or manufacturers' instructions, which deviate from or do not comply with the
27 Construction Documents, those modifications shall be made without extra cost to the District, and without
28 extension of the Contract Time. Any other resultant costs, including but not limited to design fees, and cost
29 incurred by other contractors, or inspection fees, shall be at the expense of the Entity.

30
31 Section 11.05. Effect of Approval of Submittals.

32 The approval of Submittals or other descriptive material shall not relieve the Entity of the obligation for
33 accuracy of dimensions and details or for conforming the Work to the requirements of the Construction
34 Documents at no extra cost to the District, within the Contract Time.

35
36 Section 11.06. Substitutions.

37 Unless otherwise provided in the technical specifications, the Entity may make proposals for substitutions to
38 materials and/or processes shown or specified. Substitutions approved in the creation of the TBR are not
39 subject to this section 11.06.

40
41 A proposal for substitution shall include all information required by the Architect to evaluate the substitute
42 material or process. All substitutions shall be submitted with an approved "Substitution Request Form". Such
43 proposal constitutes a certification that the Entity:

- 44
45 A. Has investigated the proposed product and determined that it meets or exceeds the performance
46 requirements of the specified product.
47

- 1 B. Will provide the same or better warranty for substitution as for specified product.
- 2
- 3 C. Will coordinate installation and make other changes, including relating to work of others, which may
- 4 be required for the Work to be complete in all respects at no additional cost to the District.
- 5
- 6 D. Waives claims for additional costs and/or Contract time, which may subsequently become apparent.
- 7

8 The Architect then will evaluate whether or not the proposed material is equal in quality and utility to the
9 material specified, make its recommendation to the Owner. Based on the Architect's recommendation, and
10 following discussion amongst the project team, the Owner will render a decision. If the request is not
11 accepted, the Entity shall provide the specified product.

12
13 Substitutions and Requests for Information that affect Structural Safety, Fire and Life Safety or Access
14 Compliance shall be submitted to DSA for review and approval.

15
16 Section 11.07. Not Used

17
18 Section 11.08. Samples and Testing of Proposed Substitutions; Costs of Adapting to Work.

19 When the District's Representative or Architect determines that samples and testing are required to evaluate a
20 request for a substitution, the District's Representative shall so advise the Entity, and specify the materials or
21 work to be sampled. The Entity shall, at no cost to the District, provide samples as required by Article 9,
22 dealing with samples and testing, or the technical specifications.

23
24 The Entity shall bear all costs of sampling and testing required to decide a request for substitution.

25
26 Section 11.09. Effect of Approval of Substitution Request.

27 If the substitution request is approved, the Entity shall be solely and directly responsible for setting substituted
28 materials and/or equipment into the available space, and for the proper operation of the substituted equipment
29 with all other equipment with which it may be associated, all in a manner acceptable to the District.

30
31 Neither time extensions nor any increases in the Total Base Rent shall be granted on account of a substitution.
32 In the event of a savings, the Total Base Rent shall be adjusted by the price difference between the
33 substitution and the originally specified item.

34
35 Section 11.10. Quality of Materials and Products.

36 The Entity shall, if required by the Architect, Project Inspector, or District's Representative, furnish
37 satisfactory evidence as to the kind and quality of materials provided.

38
39 The District's Representative may require, and the Entity shall submit if required, a list designating the source
40 of supply of each item of materials incorporated into the Work, and in such event, those materials or products
41 shall not be delivered to the Site or incorporated therein until after the District's Representative has approved
42 the list.

43
44 The Entity shall certify that the materials and equipment installed comply with the Construction Documents
45 and to the best of the Entity's knowledge, no installed materials or equipment contain asbestos.

46
47 Section 11.11. Better Material or Process.

48 In the event that the Entity furnishes a material, product, process, or article better than that specified in the

1 Construction Documents, the difference in cost of that material, product, process, or article shall be borne by
2 the Entity.

3 Section 11.12. Industry Standards.
4

- 5 A. Any material specified by reference to the number, symbol, or title of a specified standard such as a
6 Commercial Standard, a Federal Specification, a Trade Association Standard, or other similar standard,
7 shall comply with the requirements in the latest revision thereof, including any amendments or
8 supplements thereto, in effect on the effective date of the Facilities Lease, except as limited to type,
9 class, or grade, or modified in that reference.
- 10
- 11 B. The standard referred to, except as modified in the Specifications, shall have full force and effect as
12 though printed in the Specifications.
- 13
- 14 1. Where Federal Specifications are referred to as a measure of quality and standard, they refer to
15 Federal Specifications established by the Procurement Division of the United States Government
16 and are available from the Superintendent of Documents, U.S. Government Printing Office.
 - 17
 - 18 2. Where Federal Specification numbers are used, they refer to the latest edition including
19 amendments thereto.
 - 20
 - 21 3. Where Commercial Standards (CS) or Product Standards (PS) are referred to as a measure of
22 quality, standard, and method of fabrication, they refer to Commercial Standards and Product
23 Standards issued by the U.S. Department of Commerce.
 - 24
 - 25 4. Where ASTM serial numbers are used, they refer to the latest tentative specifications, standard
26 specifications, standard method or standard methods of testing, issued by the American Society for
27 Testing Materials, unless specifically noted.
 - 28

29 Section 11.13. Original Packages or Containers; Labels.

30 All materials delivered to the Site shall be new, unless otherwise specified, of the type, capacity, and quality
31 specified, and free from defects. All materials shall remain in their original packages or containers until ready
32 for use. The labels of all packages or containers shall remain affixed, and kept legible. No product shall be
33 stored in any container, the label of which does not accurately describe the contents of the container.
34

35 Section 11.14. Providing and Paying for Materials.

36 Except as otherwise specifically stated in the Construction Documents, the Entity shall provide and pay for all
37 materials, products, articles, processes, labor, tools, equipment, and installation, and all associated
38 superintendence of every nature whatsoever necessary to execute and complete the Work within the Contract
39 Time.
40

41 Section 11.15. Warranty of Title.

42 No material, article, product, supplies, or equipment for the Work shall be subject to any chattel mortgage, or a
43 conditional sale or other agreement by which an interest therein or in any part thereof is retained by the seller
44 or supplier.
45

46 The Entity warrants good and sufficient title to all material, supplies, and equipment installed or incorporated
47 in the Work, and agrees upon completion of the Work to deliver the premises, together with all improvements

1 and appurtenances, constructed or placed thereon by the Entity, to District, free from any claims, liens, or
2 charges.

3
4 The Entity agrees that neither it nor any person, firm, or Entity furnishing any materials or labor for any work
5 covered by this contract shall have any right to a lien upon the premises or any improvement or appurtenances
6 thereon; provided, however, that nothing contained in this Section shall defeat or impair the rights of persons
7 furnishing materials or labor under the payment bond given by the Entity, nor any rights under any law
8 permitting such persons to look to funds due to the Entity but retained by District.

9
10 The Entity shall cause the substance of these provisions to be included in all subcontracts and material
11 contracts executed by the Entity and notice of this provision shall be given to all persons furnishing materials
12 for the Work.

13
14 This Section shall not disallow the Entity's installing any devices or equipment of utility companies or of
15 governmental agencies, the title to which is commonly retained by the utility company or the agency.

16
17 Section 11.16. Patents and Royalties.

18 The Entity and its sureties shall protect, indemnify and hold harmless the District, the District's
19 Representative, the Project Inspector, the Architect, and its consultants and each of their respective officers,
20 agents, and employees against any and all demands made for such fees or claims and against any and all suits,
21 demands, claims or causes of action brought or made by the holder of any invention, patent, copyright, or
22 trademark, or arising from any alleged infringement of any invention, patent, copyright, or trademark by the
23 Entity in the course of its performance under this Facilities Lease.

24
25 Section 11.17. Payment of Federal or State Taxes.

26 Any federal, state or local tax, specifically including sales and use taxes, payable on materials furnished by the
27 Entity pursuant to the Construction Documents shall be paid by the Entity.

28

1 ARTICLE 12. LEASE PAYMENTS

2
3 Section 12.01. Lease Payments.

4 The schedule of Lease Payments is set forth Exhibit C to the Facilities Lease. All Lease Payments are subject
5 to the terms and conditions of the Facilities Lease, including its exhibits.
6

7 Section 12.02. Schedule of Values.

8 Within ten (10) days of the Notice to Proceed with construction, the Entity shall submit to the District's
9 Representative a Schedule of Values broken down by phase, and within each phase by building, in sufficient
10 detail to evaluate progress and costs at any point during construction. In no event shall an individual line item
11 on the schedule of values exceed five percent of the Total Base Rent unless so approved by the District's
12 Representative in advance. Labor, material and subcontract costs shall be shown separately. It is expressly
13 acknowledged that the purpose of the Schedule of Values is not to establish the amount due for any Lease
14 Payment but is for the District's internal cost tracking purposes and to assist with evaluation of the progress of
15 the construction of the Project.
16

17 Section 12.03. Submissions Required for Lease Payments During Construction.

18 No later than five (5) days prior to the date for each Lease Payment established in the Lease Payment Schedule
19 (Exhibit C to the Facilities Lease) prior to Project acceptance, and as a condition of each such Lease Payment,
20 the Entity shall submit all of the following to the District's Representative:
21

- 22 A. Entity shall submit a conditional waiver and release on progress payment under Civil Code section
23 8132 covering all work, labor, materials and equipment; an unconditional waiver and release on
24 progress payment under Civil Code section 8134 for all work through the prior lease payment; and an
25 Affidavit of Payment in the form specified in the District's Construction Administrative Procedures
26 Manual. Entity, for itself and all of its Subcontractors and Suppliers, shall submit, as a requirement for
27 Final Construction Lease Payment only, a conditional waiver and release on final payment under Civil
28 Code section 8136 covering all work, labor, materials and equipment provided on the Project. Within
29 ten (10) business days following receipt of Final Construction Lease Payment, Entity, for itself and all
30 of its Subcontractors and Suppliers, shall provide an unconditional waiver and release on final payment
31 for all Project work, labor, materials and equipment. For purposes of this paragraph, "Final
32 Construction Lease Payment" shall mean the Lease Payment made following Entity's submittal of
33 conditional lien releases on final payment for Subcontractors and Suppliers. If Entity fails to submit
34 all required unconditional waivers and releases on final payment, then District may withhold some or
35 all of the Lease Payments following the Final Construction Lease Payment in an amount that is
36 necessary, in the District's sole discretion, to protect the District from potential subcontractor and
37 supplier claims, until the required unconditional waivers and releases are submitted.
38
- 39 B. Copy of the schedule of values, marked to show the percentage of completion.
40
- 41 C. Schedule updates will include phasing plans as applicable.
42
- 43 D. For the Final Construction Lease Payment and to the extent requested by the District prior to the final
44 payment, certifications by the Entity and all subcontractors that a skilled and trained workforce was
45 used for construction of the Project.
46
47

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Section 12.04. Effect of Lease Payments.

Neither the payment, the withholding, nor the retention of all or any portion of any Lease Payment claimed to be due and owing to the Entity shall operate in any way to relieve the Entity from its obligations under the Facilities Lease and/or the Construction Documents. Except to the extent provided otherwise in the Facilities Lease or applicable law, in the event of a District default, the Entity shall continue diligently to prosecute the Work without reference to the payment, withhold, or retention of any Lease Payment. Except as provided in the Facilities Lease or applicable law, the payment, withhold, or retention of any Lease Payment shall not be grounds for an extension of the Contract Time.

1 ARTICLE 13. TIME OF WORK

2
3 Section 13.01. Construction Schedule Development.

4 Within seven (7) days after receiving the Notice to Proceed with construction, the Entity shall submit a
5 detailed proposed Construction Schedule consistent with its Preliminary Project Schedule developed during
6 Phase I, Preconstruction Services, presenting an orderly and realistic plan for completion of the Work, in
7 conformance with the requirements of this Article.
8

9 The Contract Schedule shall furnish and comply with the following requirements:

- 10
11 A. A time scaled CPM type schedule prepared in MS Project Software. Submit the PS project schedule
12 electronically (pdf, tiff or jpeg format not acceptable)- and hard copy format
13
- 14 B. No activity on the schedule shall have a duration longer than fourteen (14) days, with the exception
15 of fabrication and procurement activities, unless otherwise approved by the District Representative.
16 Activity durations shall be the total number of actual days required to perform that activity including
17 consideration of weather impact on completion of that activity.
18
- 19 C. Procurement of major equipment, through receipt and inspection at the job site, identified as a
20 separate activity.
21
- 22 D. Owner furnished materials and equipment if any, identified as separate activities.
23
- 24 E. Dependencies (or relationships) between activities.
25
- 26 F. Processing/approval of submittals and shop drawings for major equipment. Activities that are
27 dependent on submittal acceptance and/or material delivery shall not be scheduled to start earlier
28 than the expected acceptance or delivery dates.
29
- 30 G. Separate buildings and other independent project elements shall be individually identified in the
31 network.
32
- 33 H. Fourteen (14) days for developing punch list(s), completion of punch list items, and final clean up
34 for the work or any designated portion thereof. No other activities shall be scheduled during this
35 period.
36
- 37 I. Interface with the work of other Contractors (or entities).
38

39 No unspecified milestones, contractor-designated Constraints, Float suppression techniques, or use-of-
40 Activity durations, logic ties and/or sequences deemed unreasonable by the District Representative shall be
41 used in the Project Schedule.
42

43 The Entity shall submit the reports and the number of copies as required under Section 13.05 of these
44 General Construction Terms and Conditions.
45

46 The District Representative will review the proposed Construction Schedule for conformance with the
47 requirements of the Facilities Lease and the Construction Documents. Within ten (10) days after receipt, the
48 District's Representative will accept the Construction Schedule or will return it with comments. If the

1 Proposed Construction Schedule is not accepted, the Entity shall revise the schedule to incorporate
2 comments and become the Construction Schedule. The Entity shall have the right to modify the schedule to
3 alter sequences or durations of work in the interests of the Project provided it gives timely notice to the
4 District of such modifications. The District shall have the right to reasonably object to any modifications. In
5 the event of such objection by the District, the Entity will not make the modification(s).

6
7 The Construction Schedule shall be the basis for evaluating job progress and time extension requests and
8 for District planning purposes. The responsibility for developing the Construction Schedule and monitoring
9 actual progress as compared to the schedule rests with the Entity.

10
11 Failure of the Construction Schedule to include any element of the Work or any inaccuracy in the
12 Construction Schedule will not relieve the Entity from responsibility for accomplishing all the Work in
13 accordance with the Facilities Lease and the Construction Documents.

14
15 Acceptance of the Construction Schedule will not relieve the Entity of the responsibility for accomplishing
16 the Work in accordance with the Facilities Lease and the Construction Documents.

17
18 Section 13.02. Not Used.

19
20 Section 13.03. Monthly Updates.

21 The Entity shall submit to the District's Representative each month an up-to-date status report of the Work.
22 The status report shall include:

- 23
24 A. The Entity's estimated percentage complete and remaining duration for each activity not yet
25 complete.
- 26
27 B. Actual start/finish dates for activities as appropriate.
- 28
29 C. Identification of processing errors, if any on the previous update reports.
- 30
31 D. Revisions, if any, to the assumed activity durations including revisions for weather impact
32 for any activities due to the effect of the previous update on the schedule.
- 33
34 E. Best efforts to identify activities that are affected by Proposed Change Orders issued during
35 the update period. The parties recognize that depending on the nature, amount, or timing of changes
36 this may be difficult to accomplish. (See Fragnet, Section 13.04).
- 37
38 F. Best efforts to resolve any conflicts between actual work progress and schedule logic. When
39 out of sequence activities develop in the Construction Schedule because of actual construction
40 progress, the Entity shall submit revision to schedule logic to conform to current status and direction.
41 The parties recognize that depending on the nature, amount, or timing of changes this may be
42 difficult to accomplish.

43
44 The Construction Schedule shall be updated on a monthly basis throughout the entire construction period
45 until Project completion is achieved. No Lease Payments will be made without the required monthly update
46 of the Construction Schedule.

1 The District's Representative will review the updated information and meet with the Entity each month at
2 the Site to determine the status of the Work. If agreement cannot be reached on any issue, the Entity will use
3 the Architect's determination in the processing of the update.

4
5 Section 13.04. Schedule Revisions.

6 If the sequence of construction differs significantly, as determined by the District's Representative, from the
7 Construction Schedule, the Entity shall submit within fifteen (15) days a revised schedule to the District's
8 Representative for acceptance. Updating the Construction Schedule to reflect actual progress shall not be
9 considered revisions to the Construction Schedule.

10
11 When a Proposed Change Order is issued which has the potential to impact specified completion dates, a
12 Fragnet shall be prepared by the Entity to reflect the impact of such changes as expeditiously as is reasonably
13 possible in light of the nature, quantity and timing of potential changes. The District's Representative will
14 promptly review and act on the Fragnet. If the Fragnet has been accepted by the Owner and the Entity
15 permitted by the Owner to proceed with the Proposed Change Order, the Fragnet shall be incorporated into the
16 Construction Schedule. Time extensions will be considered only to the extent there is insufficient remaining
17 float to accommodate these changes, and pursuant to Article 14 of these General Construction Terms and
18 Conditions. No additional cost beyond that provided in Article 15 will be allowed for the incorporation of
19 approved Proposed Change Orders into the Construction Schedule, except that, if Owner Initiated Changes, as
20 defined and described in Section 15.02, exceed twelve percent (12%) of the Total Base Rent, the Entity shall
21 be entitled to compensation for its added costs of updating and maintaining the schedule as a result of such
22 changes. Such added costs must be properly substantiated by supporting data.

23
24 Should the Entity, after acceptance of the Construction Schedule, intend to change its plan of Construction,
25 it shall submit their requested revisions to the District's Representative, along with a written statement of
26 the revision, including a description of the logic for rescheduling the Work, methods of maintaining
27 adherence to Intermediate milestones and other specific dates and the reasons for the revisions. If the
28 requested changes are acceptable to the District's Representative, they will be incorporated into the
29 Construction Schedule in the next reporting period.

30
31 Schedule revisions shall be submitted at least seven (7) days prior to the date of submission of update
32 information. The Owner will have seven (7) days to review the revisions.

33
34 Section 13.05. Construction Schedule Reports.

35 Together with the monthly schedule updates, the Entity shall submit the following reports for the proposed
36 Construction Schedule, Construction Schedule Updates, Construction Schedule Revisions and Recovery
37 Schedules:

- 38
39 A. A Schedule Logic Report listing the activities, their early/late and actual start and finish dates,
40 duration, float and the logic relationship of activities sorted by early start.
41
42 B. Network Plots presenting time scaled network diagram showing activities and their relationships.
43
44 C. A narrative providing additional clarification/explanation of items such that District is informed of
45 the approach used to plan and sequence the work, coordinate with other contractors to the extent
46 applicable, and an updated Construction Schedule showing the current status of construction. Upon
47 written request of the District, the updated Construction Schedule shall be resource and cost loaded.

1 This narrative shall also address the following: (1) description of Work performed during the
2 reporting period; (2) Description of the primary, secondary and tertiary Critical Paths; (3) description
3 of the Work anticipated to be performed during the next reporting period; (4) number of days
4 ahead/behind the Completion Date; (5) discussion of the changes to the primary Critical Path since
5 the prior month's update; (6) description of problem areas and anticipated problem areas; (7) current
6 and anticipated delays including cause of delay, corrective actions taken, and impact of the delay on
7 other activities, milestones, and completion dates; (8) the actual weather days used (9) pending items
8 (change orders, requests for time extensions, etc) and status thereof.
9

10 D. A MS Project Schedule Calculation Summary Report which includes listing of constraints, open-
11 ends, out-of-sequence work, and scheduling statistics. This report is computer generated when the
12 Construction Schedule is calculated upon completion of inputting all activity progress at the month
13 end processing.
14

15 The Entity shall provide four (4) copies of all reports. The reports shall include one (1) reproducible and
16 three (3) copies.
17

18 The Entity shall also provide flash drives containing all the schedule files in the original electronic format
19 (files in pdf format are not allowed).
20

21 Section 13.06. Short Interval Schedules.

22 The Entity shall prepare a Short Interval Schedule (SIS) to be used throughout the duration of Work. The SIS
23 shall include all current activities and projected activities for the succeeding two (2) weeks. The SIS shall
24 include actual start/finish dates for the preceding one (1) week and it shall be tied to the updated Construction
25 Schedule. The SIS shall be submitted to the District's Representative prior to the weekly construction
26 meeting. The Entity shall participate in short interval scheduling coordination during the weekly construction
27 meetings.
28

29 Section 13.07. Time of Essence.

30 Time is of the essence. The Entity shall, to the fullest extent possible, carry on the various classes or parts of
31 the Work concurrently, and shall not defer construction of any portion of the Work in favor of any other
32 portion of the Work, without the express approval of the District's Representative.
33

34 Section 13.08 Date of Completion.

35 The Entity shall fully and satisfactorily complete the Work within the Contract Time. The Date of Completion
36 is set forth in the Facilities Lease, as it may be revised in a Notice to Proceed.
37

38 Section 13.09 Responsibility for Completion.

39 The Entity shall furnish sufficient manpower, materials, facilities and equipment and shall work sufficient
40 hours, including night shifts, overtime operations, Sundays and holidays as may be necessary to insure the
41 prosecution and completion of the Work in accordance with the accepted Construction Schedule. Unless there
42 are excusable and/or compensable grounds for delay, if work on the critical path is seven (7) days or more
43 behind the currently updated Construction Schedule and it becomes apparent that the Work will not be
44 completed within the Contract Time, the Entity will implement whatever steps it deems necessary to make up
45 all lost time. If the Entity's solution is not successful, it will make further attempts using the following
46 sequence of events:
47

1 A. Reschedule activities to achieve maximum practical concurrence of accomplishment of activities.

2 B. If the above cannot be achieved then;

- 3
- 4 1. The Entity shall increase manpower in such quantities and crafts as will substantially eliminate, in
5 the judgment of the District's Representative, the backlog of work; or increase the number of
6 working hours, shifts per working day, working days per week or the amount of equipment or any
7 combination of the foregoing sufficiently to substantially eliminate in the judgment of the
8 District's Representative the backlog of work.
- 9
- 10 2. In addition, the District's Representative may require the Entity to submit a recovery schedule
11 demonstrating its program and proposed plan to make up a lag in scheduled progress and to ensure
12 completion of the Work within the Contract Time. If the District's Representative finds the
13 proposed recovery schedule unacceptable, it may require the Entity to submit a new plan. If the
14 actions taken by the Entity or the second plan proposed are unsatisfactory, the District's
15 Representative may require the Entity to take any of the actions set forth in the previous paragraph
16 without additional cost to the District to make up the lag in scheduled progress.

17

18 Float, the amount of time an activity can be delayed without affecting the Completion Date, is considered a
19 project commodity jointly shared between District and Entity and shall be used in the best interest of
20 completing the Project on time by the party who needs it first.

21

22 Failure of the Entity to comply with the requirements of this Section 13.09 shall be considered grounds for a
23 determination by the District, pursuant to the Facilities Lease and these General Construction Terms and
24 Conditions, that the Entity is failing to prosecute the Work with such diligence as will ensure its completion
25 within the time specified.

26

27 Section 13.10. Daily Reports.

28 No less than on a weekly basis, the Entity's superintendent shall submit to the District Representative daily
29 reports on the District's furnished form— refer to CAPM or Entities' own form containing same information.

30 The daily reports shall include, without limitation, the identity of subcontractors on the Site; an accurate
31 headcount of workers on the Site; materials and equipment delivered to the Site; visitors to the Site; any
32 problems encountered; and photos as necessary to appropriately document the Work.

1 ARTICLE 14. DELAYS AND EXTENSIONS OF TIME

2
3 Section 14.01. Extensions of Time; Unavoidable Delays.

4 The Entity shall not be granted an extension of time except on the issuance of a Change Order by the Board of
5 Education, upon a finding of good cause for such extension.

6
7 A. As used herein, the following terms shall have the following meanings:

- 8
9 1. “Excusable Delay” means any delay in completion of the Work beyond the expiration of the
10 allowable Contract Time caused by conditions beyond the control and without the fault or
11 negligence of the Entity or the District or its agents. These events may include strikes, embargoes,
12 fire, unavoidable casualties, national emergency, and stormy and inclement weather conditions
13 beyond the number of days included in the weather allowance in Article 3.3 of the Facilities Lease
14 in which the District’s Representative and Project Inspector agree that work on the critical path
15 cannot continue. The financial inability of the Entity or any Subcontractor or supplier and any
16 default of any Subcontractor, without limitation, shall not be deemed conditions beyond the
17 Entity’s control. An Excusable Delay will entitle the Entity to an extension of the Contract Time,
18 in accordance with this Section of the General Construction Term and Conditions and shall not
19 entitle the Entity to any adjustment of the Total Base Rent but shall be a permitted use of the
20 Construction Contingency for the period of delay.
21
22 2. “Compensable Delay” means any delay in the completion of the Work beyond the expiration date
23 of the allowable Contract Time caused solely by the wrongful acts of the District or its agents,
24 including but not limited to the District’s architect, and which delay is unreasonable under the
25 circumstances and not within the contemplation of the parties. A Compensable Delay entitles the
26 Entity to an extension of the Contract Time and an adjustment of the General Conditions at the
27 time of the contract extension based on actual General Conditions costs as allowed by the Contract
28 Documents but not to exceed the daily rate of **One thousand five hundred dollars (\$1,500.00)** for
29 every day of delay. Except as provided herein, the Entity shall have no claim for damage or
30 compensation for any delay, interruption, hindrance, or disruption.
31
32 3. “Inexcusable Delay” means any delay in completion of the Work beyond the expiration of the
33 allowable Contract Time resulting from causes other than those listed in Subparagraphs A1 and
34 A2, above. An Inexcusable Delay will not entitle the Entity to an extension of the Contract Time
35 or an adjustment of the Total Base Rent or any Lease Payment and subjects the Entity to liquidated
36 damages.

37
38 B. The Entity may make a claim for an extension of the Contract Time, for an Excusable Delay or a
39 Compensable Delay, subject to the following:

- 40
41 1. If an Excusable Delay and a Compensable Delay occur concurrently, the maximum extension of
42 the Contract Time shall be the number of days from the commencement of the first delay to the
43 cessation of the delay which ends last. Any adjustment of the Lease Payments shall be based on an
44 adjustment of the General Conditions at the time of the contract extension based on actual General
45 Conditions costs as allowed by the Contract Documents but not to exceed the daily rate of **One**
46 **thousand five hundred dollars (\$1,500.00)**. For the period of concurrency, the adjustment is a
47 permitted use of the Construction Contingency. An increase in the Total Base Rent shall be based

1 only on the non-concurrent portion of any Compensable Delay.

- 2
- 3 2. If an Inexcusable Delay occurs concurrently with either an Excusable Delay and/or a Compensable
- 4 Delay, the maximum extension of the Contract Time shall be the number of days, if any, from
- 5 commencement of the first Excusable and/or Compensable Delay to the cessation of the Excusable
- 6 Delay and/or the Compensable Delay. For the concurrency period, regardless of whether with an
- 7 Excusable or Compensable Delay, the Entity shall be entitled to an adjustment of Lease Payments
- 8 based on an adjustment of the General Conditions at the time of the contract extension based on
- 9 actual General Conditions costs as allowed by the Contract Documents but not to exceed the daily
- 10 rate of **One thousand five hundred dollars (\$1,500.00)**, which shall be a permitted use of the
- 11 Construction Contingency but not an increase in the Total Base Rent. An increase in the Total
- 12 Base Rent shall be based only on the non-concurrent portion of any Compensable Delay. The non-
- 13 concurrent Inexcusable Delay will not entitle the Entity to an extension of the Contract Time or an
- 14 adjustment of the Total Base Rent or any Lease Payment and subjects the Entity to liquidated
- 15 damages.
- 16

17 Delays in the prosecution of parts or classes of the Work, which do not prevent or delay the completion of the

18 whole Work within the Contract Time, are not to be considered Excusable or Compensable.

19

20 Section 14.02. Notice of Delays; Requests for Time Extensions.

21 No later than ten (10) calendar days from the occurrence of any delay that the Entity regards as good cause for

22 an extension of time, the Entity shall notify the District's Representative in writing of the delay. The notice

23 shall specify with detail the cause asserted by the Entity to constitute good cause for an extension and a

24 quantification of the length of the requested extension of time. Failure of the Entity to submit such timely

25 notice shall constitute a waiver by the Entity of any request for extension to the extent of any prejudice to the

26 District on account of such delay, and no extension shall be granted as a consequence of such delay.

27

28 The District shall consider and respond promptly to time extension requests that comply with the terms of the

29 Facilities Lease and the Construction Documents. The District shall not be responsible or liable to the Entity

30 for any constructive acceleration due to failure of the District to grant time extensions should the Entity fail to

31 reasonably comply with the submission and justification requirements of the Construction Documents for time

32 extension requests.

33

34 Section 14.03. Investigation; Procedure.

35 Upon receipt of a request for extension, the District's Representative shall conduct an investigation of the facts

36 asserted by the Entity to constitute good cause for an extension. The District's Representative shall report the

37 results of this investigation, as well as the propriety of the time extension requested, to the Entity in writing

38 within ten (10) days of receipt of the request and shall indicate whether it will recommend for or against the

39 extension. Upon receiving the District's Representative's recommendation, the Entity may either concur in

40 the recommendation, or reject the recommendation and proceed with a claim as provided for in Article 23.

41

42 Section 14.04. Discretionary Time Extensions for Best Interest of District.

43 The District reserves the right to extend the time for completion of the Work if the Board of Education

44 determines that such extension is in the best interest of the District. In the event that a discretionary extension

45 is granted at the request of the Entity, the District shall have the right to charge to the Entity all or any part, as

46 the Board of Education may deem proper, of the actual cost of project management, engineering, inspection,

47 supervision, incidental and other overhead expenses that accrue during the period of the extension, and to

1 deduct all or any portion of that amount from the Final Lease Payment.
2

3 In the event a discretionary time extension is ordered over the objection of the Entity, and the decision rests
4 solely with the Board of Education and is not legally compelled for any cause, the Entity shall be entitled to a
5 Change Order adjusting the price paid to reflect the actual costs incurred by the Entity as a direct result of the
6 delay, upon its written application therefore, accompanied with such verification of costs as the District's
7 Representative requires. The decision of the Board of Education on any discretionary time extension and the
8 costs thereof shall be final and binding on the District and the Entity.
9

10 Section 14.05. Liquidated Damages.

11 If the Work is not completed by the Entity in the time specified in the Notice to Proceed, or within any period
12 of extension authorized pursuant to this Article, the Entity acknowledges and admits that the District will
13 suffer damage, and that it is impracticable and infeasible to fix the amount of actual damages. Therefore, it is
14 agreed by and between the Entity and the District that the Entity shall pay to the District as fixed and
15 Liquidated Damages, and not as a penalty, the sum specified in the Facilities Lease, and that both the Entity
16 and the Entity's surety shall be liable for the total amount thereof, and that District may deduct Liquidated
17 Damages from any monies due or that may become due to the Entity.
18

19 Pursuant to Government Code Section 4215, the Entity shall not pay fixed and Liquidated Damages for delay
20 in completing the Project caused by the failure of the District or the owner of utility facilities located on the
21 Project Site to provide for removal or relocation of such facilities.
22

23 Section 14.06. Extension of Time Not a Waiver.

24 Any extension of time granted the Entity pursuant to this Article shall not constitute a waiver by the District
25 of, nor a release of the Entity from the Entity's obligation to perform its Work in the time specified by the
26 Facilities Lease, as modified by the particular extension in question.
27

28 The District's decision to grant a time extension due to one circumstance set forth in one request, shall not be
29 construed as a grant of an extension for any other circumstance or the same circumstance occurring at some
30 other time, and shall not be viewed by the Entity as a precedent for any other request for extension.
31

32 Section 14.07. Effect of Stop Work Notice.

33 If the District issues a Stop Work Notice pursuant to Article 9, the days on which the suspension is in effect
34 shall be included in determining the required completion date, and shall not otherwise modify or extend the
35 time within which the Entity is to perform. In such event, the Entity shall not be entitled to any damages or
36 compensation on account of such suspension or delay, unless the Entity can establish that Stop Work Notice
37 was not warranted.
38

1 ARTICLE 15. CHANGES TO THE WORK

2
3 Section 15.01. No Changes Without Consent.

4 Subject to the Entity's right to access the Contingencies and Allowances, Entity will complete the Project for
5 the compensation stated in the Facilities Lease except as provided below. Entity agrees, for itself and on
6 behalf of its Subcontractors and Suppliers, that no increase in the Facilities Lease will be made for work that
7 Entity or its Subcontractors and Suppliers might otherwise claim as a Change Order or extra work unless
8 Entity establishes that the additional cost is the result of one of the following: (a) a material change in the
9 scope of work directed or authorized by Owner; (b) a change required by regulatory authorities (including
10 inspections) that was not reasonably ascertainable from the Contract Documents and not reasonably inferable
11 from Entity's or Subcontractor's knowledge of local practices or circumstances; (c) regulatory fees not
12 included in the Total Base Rent; (d) Differing Site Conditions; (e) whenever costs are more than or less than
13 Allowances and District's Contingency, the compensation shall be adjusted accordingly by Change Order, the
14 amount of the Change Order shall reflect the difference between actual costs and the Allowances and
15 District's Contingency; (f) design errors beyond those reasonably observable in the Plans and Specifications
16 by an experienced construction professional; or (g) wrongful acts of District or a separate contractor employed
17 by District, or by damage to the Work caused by fire or other unavoidable casualties not the fault of the Entity
18 or Subcontractors, Suppliers, or delay authorized by District pending mediation or dispute resolution. Entity
19 further acknowledges that its contractual obligation to indemnify District extends to claims asserted by
20 Subcontractors or Suppliers seeking compensation for alleged Change Orders or extra work for which District
21 is not liable to Entity as a result of these provisions. Subject to the provisions in Article 4 of the Facilities
22 Lease, nothing in this section shall foreclose Entity from access to the Construction Contingency for properly
23 incurred Costs of the Work that are attributable to causes for which a Change Order is prohibited by this
24 section.

25
26 No extra work shall be performed, and no change shall be made, except pursuant to a written Change Order or
27 Proposed Change Order, signed by the District, or by a Directive (signed by either the District or the District's
28 Representative) stating that the extra work or change is authorized, and no claim for any addition to the Total
29 Base Rent or Contract Time shall be valid unless so authorized; provided, however, that nothing in this Article
30 shall excuse the Entity from proceeding with the prosecution of the work so changed. The Entity shall furnish
31 an itemized breakdown of the quantities and prices used in computing the value of any change, including
32 permitted uses of Contingencies and Allowances requested by the Entity, or that may have been ordered by the
33 District, including all items listed in Section 15.06 and 15.07, below.

34
35 Change Orders shall specify the cost adjustments associated therewith, and in no case shall the District pay or
36 become liable to pay any sums different than those specified or those established under Section 15.06
37 and 15.07.

38
39 Substitutions may be considered Construction Change Directives, if DSA approval is required.

40
41 Section 15.02. Change Orders.

42 The District may require changes in, additions to, or deductions from the Work to be performed or the
43 materials to be furnished pursuant to the Construction Documents. Changes may be made pursuant to a
44 written Change Order (signed by the District), which shall state the agreement of the District, the Entity, and
45 the Architect, all of the following:

- 46
47 A. The scope of the change in the Work;

1
2 B. The amount of the adjustment in the Total Base Rent, if any; and
3

4 C. The extent of the adjustment in the Contract Time, if any.
5

6 The District may delete from the Work any item of work. The Entity will be paid for all work done toward the
7 completion of the item prior to such deletion, as provided herein, but in no event will the amount paid exceed
8 the Schedule of Values amount less the value of the deleted work. The Entity shall make no claim, nor receive
9 any compensation for profits, for loss of profit, for damages, or for any extra payment whatever because of
10 any deleted items of work.

11
12 The District may also issue unilateral Change Orders based upon a previously issued Directive. Unilateral
13 Change Orders shall be approved by the District, the Architect and the District Representative, but need not be
14 signed by the Entity.

15
16 All adjustments to the Total Base Rent or the Contract Time must be approved by the District Board of
17 Education.
18

19 Signature by the Entity on the Change Order constitutes its agreement with and acceptance of the adjustments
20 in the Total Base Rent and Contract Time, if any, set forth in the Change Order as full and complete
21 satisfaction of any direct or indirect additional cost and/or time incurred by the Entity in connection with
22 performance of the change work.
23

24 Section 15.03. Not Used.
25

26 Section 15.04. Change Orders Regarding Time for Completion.

27 Any time extension authorized by the District pursuant to Article 14 hereof shall be set forth in a Change
28 Order signed by the District.
29

30 Section 15.05. Construction Change Directive/Directive.

31 Changes also may be made pursuant to a Directive, which shall direct a change in the Work and state a
32 proposed basis for adjustment, if any, in the Total Base Rent or Contract Time, or both. A Directive shall be
33 used in the absence of total agreement on the terms of a Change Order, or when time does not permit
34 processing of a Change Order prior to implementation of the change. Directives shall be approved by the
35 District and the Architect, but need not be signed by the Entity. Only Construction Change Documents or
36 CCD's that affect Structural Safety, Fire Life Safety or Access Compliance require submittal to DSA under
37 the cover of the DSA-140 form. See DSA IR A-6.
38

39 Upon receipt of a Directive, the Entity shall promptly proceed with the change in the Work involved. It is the
40 intent of the District that all Directives will be converted to a Change Order.
41

42 When a Directive is used because time does not permit processing of a Change Order prior to implementation
43 of the change, signature by the Entity on the Directive constitutes its agreement with and acceptance of the
44 adjustments in the Total Base Rent and Contract Time, if any, set forth in the Directive as full and complete
45 satisfaction of any direct or indirect additional cost and/or time incurred by the Entity in connection with
46 performance of the changed work.
47

1 If the Entity disagrees with the method for adjustment in the Total Base Rent, the adjustment shall be
2 determined by the District Representative on the basis of any of the methods described in Section 15.06A,
3 Paragraphs 2, 3, or 4.

4
5 Section 15.06. Pricing of Changes.

- 6 A. The following pricing methods shall apply to (1) permitted uses of any Contingency or Allowance or
7 (2) any change order or Directive that provides for an adjustment to the Total Base Rent:
- 8 1. Mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data
9 to permit evaluation;
 - 10 2. Unit prices as mutually agreed upon;
 - 11 3. The District Representative’s estimate of the value of the change; or
 - 12 4. A “cost plus” adjustment subject to the limitations in Section 15.08.

13
14
15
16
17 Section 15.07. Allowable Costs.

18 A. Allowable costs for any Change Order or permitted use of contingency or allowance shall be limited to
19 the following:

- 20 1. Costs of labor, including social security, Medicare and unemployment insurance, fringe benefits
21 required pursuant to Article 7, and workers’ compensation insurance;
- 22 2. Costs of first line supervision labor, including labor burden as described in Paragraph 1. “First Line
23 Supervision” shall mean a working foreman or lead craft worker other than the project
24 superintendent;
- 25 3. Actual cost of the project superintendent associated with any period of compensable delay caused
26 by issuance of the Change Order. In the absence of a compensable delay, all of the project
27 superintendent’s time is considered to have been paid for as part of the Overhead;
- 28 4. Actual costs of materials, including sales tax and delivery;
- 29 5. Rental costs of machinery and equipment, exclusive of small tools, whether rented from the Entity
30 or others;
- 31 6. Overhead and Profit as specified below. “Overhead” shall include the following:

32
33
34
35
36
37
38
39 Preparation of all paperwork related to changes in the Work, including field review, estimating and
40 cost breakdown; coordination and supervision, both office and field, including the project
41 superintendent; vehicles including gas and maintenance; small tools, incidentals and consumables;
42 engineering, detailing, and revisions to shop drawings and as-built drawings; general office and
43 administrative expense; extended and unabsorbed home office overhead; warranty; costs of bonds,
44 liability insurance, builder’s risk insurance, all taxes; and all other necessary expenses not
45 specifically included in Paragraph A above.

46
47 B. For changes above the Total Base Rent, the following markups shall apply: (1) the Entity’s combined

1 Overhead and Profit for Work performed by its own forces shall be fifteen percent (15 %) of the costs
2 specified in Section 15.07A (1)-(5); (2) if the changed Work is performed by a Subcontractor, the
3 Subcontractor shall be entitled to an allowance of fifteen percent (15%) of its labor, material and rental
4 costs for Overhead and Profit, and the Entity shall be allowed to mark-up the Subcontractor's price ten
5 percent (10%) for its Overhead and Profit. Cumulative total markup for all tiers of contractors and
6 subcontractors shall not exceed twenty-five percent (25%).
7

8 C. For permitted use of the Contingencies or Allowances included in the TBR, the following markups
9 shall apply: (1) the Entity's combined Overhead and Profit for Work performed by its own forces shall
10 be its actual fee as stated in its Proposal in response to the RFP plus its actual percentage as stated in its
11 Proposal in response to RFP of costs for bonds and insurance of the costs specified in Section 15.07 (1)
12 – (5) unless previously paid; (2) If the changed Work is performed by a Subcontractor, the
13 Subcontractor shall be entitled to an allowance of up to fifteen percent (15%) as determined by the
14 Entity, for its labor, material and rental costs for Overhead and Profit and the Entity shall be allowed to
15 markup the Subcontractor's price its actual fee as noted in the RFP plus its actual percentage as noted
16 in the RFP of costs for bonds and insurance for its Overhead and Profit. Cumulative total markup for
17 all tiers of contractors and subcontractors shall not exceed twenty two percent (22%).
18

19 D. If the net value of a change results in a credit from the Entity or subcontractor, the credit shall be the
20 actual net cost. When both additions and credits covering related work or substitutions are involved in
21 any one change, the allowance for Overhead and Profit shall be figured on the basis of the net increase
22 or decrease, if any, with respect to the change.
23

24 Section 15.08. Time and Materials Adjustment.

25 A. Record Keeping. In the event that the pricing method selected is the "time and materials" method
26 described in Section 15.06A, Paragraph 4, the pricing shall be calculated using the formula and costs
27 set forth in Section 15.07, except that time and material (T&M) labor rates shall be pre-approved by
28 the District Representative for T&M work. The Entity shall keep and present daily, in such form as the
29 District Representative may prescribe, an itemized accounting together with appropriate invoices and
30 other supporting data of the labor, materials, and equipment used during that day. All labor shall be
31 recorded on separate time sheets clearly identified with the Directive number and scope of extra work
32 involved. These time sheets shall be signed daily by the District's Representative. No costs will be
33 allowed for time not recorded and signed the same day the work takes place. The Entity and the
34 District's Representative shall discuss and attempt to resolve any disputes concerning the Entity's daily
35 records at the time the report is submitted.
36

37 B. Reconciliation. The Entity shall on a monthly basis accompanying its Lease Payment submissions
38 submit a reconciliation for all work performed under a cost plus Directive during the period of the
39 Lease Payment. A final reconciliation shall be submitted within thirty (30) days after the work of the
40 Directive is completed. The reconciliation shall recap all costs and appropriate markups for the period.
41 No costs will be allowed for work not included in a reconciliation within the time periods specified.
42

43 Section 15.09. Effect on Sureties.

44 All changes authorized by the Construction Documents may be made without notice to or consent of the
45 sureties on the contract bonds, and shall not reduce the sureties' liability on the bonds.
46

47 The District reserves the right to require additional payment or performance bonds to secure a Change Order.

1
2 Section 15.10. Differing Site Conditions.

3 If the Construction Documents require the digging of trenches or other excavations that extend deeper than
4 four feet below the existing surface, the following provision shall apply to those trenches or excavations:
5

6 A. In the event that any of the following described conditions is suspected to exist in the trench or
7 excavation, the Entity shall promptly, and before the condition is disturbed, notify the District's
8 Representative, in writing, of any:

- 9 1. Material that the Entity believes may be material that is hazardous waste, as defined in Section
10 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class
11 III disposal site in accordance with provisions of existing law.
12
13 2. Subsurface or latent physical conditions at the Site differing materially from those indicated in the
14 Construction Documents.
15
16 3. Unknown physical conditions at the Site of any unusual nature, differing materially from those
17 ordinarily encountered and generally recognized as inherent in work of the character provided for
18 in the Construction Documents.
19

20 B. Upon receipt of notice from the Entity, the District's Representative, the District and the Architect
21 shall promptly investigate the conditions, and if it is determined that the conditions do materially so
22 differ or do involve hazardous waste, and cause a decrease or increase in the Entity's cost of, or the
23 time required for, performance of any part of the work shall issue a Change Order or Directive under
24 the procedures described in the Construction Documents.
25

26 C. In the event that a dispute arises between the District and the Entity as to whether the conditions
27 materially differ, or involve hazardous waste, or cause a decrease or increase in the Entity's cost of, or
28 time required for, performance of any part of the Work, the Entity shall not be excused from any
29 scheduled completion date provided for by the Construction Documents, but shall proceed with all
30 Work to be performed under the Construction Documents. The Entity shall retain any and all rights
31 provided either by the Construction Documents or by law, which pertain to the resolution of disputes
32 and protests between the contracting parties.
33

34 D. No cost or time adjustment, which results in a benefit to the Entity, will be allowed unless the Entity
35 has provided the required written notice under Paragraph A of this Section 15.10.
36

37 E. No cost or time adjustment will be allowed under the provisions specified in this Section for any
38 effects caused on unchanged work.
39

40 As between the Entity and the District, the District is responsible for the timely removal, relocation, or
41 protection of existing main or trunkline utility facilities located on the Site if such utilities are not identified in
42 the Plans and Specifications. If the Entity, while performing its work, discovers utility facilities not identified
43 in the Plans or Specifications, it shall immediately notify the District and the associated utility in writing.
44 Thereafter, and provided it has given such notice, the Entity shall be entitled to an adjustment of the Total
45 Base Rent and an extension of the Contract Time, in accordance with Articles 14 and 15 of these General
46 Construction Terms and Conditions, for the costs of locating, repairing damage not due to the failure of the
47 Entity to exercise reasonable care, and removing or relocating such utility facilities not indicated in the Plans

1 and Specifications with reasonable accuracy, and for equipment on the project necessarily idled during such
2 work when such costs and time are caused by the failure of the District or the owner of the utility to provide
3 for removal or relocation of such utility facilities. Notwithstanding anything to the contrary herein, the
4 District is not required to indicate the presence of existing service laterals or appurtenances whenever the
5 presence of such utilities on the Site can be inferred from the presence of other visible facilities, such as
6 buildings, meter and junction boxes, on or adjacent to the Site. Nothing herein shall preclude the District from
7 pursuing any appropriate remedy against the utility for delays which are the responsibility of the utility.
8
9

1
2
3
4

ARTICLE 16. NOT USED

1 ARTICLE 17. REJECTION AND REPLACEMENT OF WORK AND MATERIALS

2
3 Section 17.01. Rejection of Materials and Workmanship.

4 The District shall have the right to reject materials and workmanship, which are determined, by the District's
5 Representative, the Architect, or the Project Inspector to be defective or fail to comply with the Construction
6 Documents. Rejected workmanship shall be corrected to the satisfaction of the District and/or Architect, and
7 rejected materials shall be removed from the premises and replaced, all without added cost or time to the
8 District.

9
10 If the Entity does not correct such rejected work and/or materials within a reasonable time, fixed by the
11 District's Representative or the Architect in a written notice to the Entity, the District may correct the same
12 and charge the expense to the Entity, and deduct such expense from the next Lease Payment otherwise payable
13 to the Entity.

14
15 If the District determines that it is in its best interest not to correct defective workmanship and/or materials, or
16 work not done in accordance with the Construction Documents, the Entity agrees that an equitable deduction
17 from the Total Base Rent shall be made therefore.

18
19 Section 17.02. Correction of Work.

20 The Entity shall promptly correct all work rejected by the District's Representative, Project Inspector or the
21 Architect as defective or as failing to conform to the Construction Documents, whether observed before or
22 after final completion and whether or not fabricated, installed or completed. The Entity shall bear all costs of
23 correcting such rejected work including compensation for the Architect's, Project Inspector's and the District's
24 Representative's additional services.

25
26 If within two (2) years after the earlier of early occupancy of the applicable portion of the Project or the Date
27 of Completion and acceptance of the Work or within such longer period of time as may be prescribed by law
28 or by the terms of any applicable special warranty required by the Construction Documents, any of the Work
29 is found to be defective or not in accordance with the Construction Documents, the Entity shall correct any or
30 all such work, together with any other work which may be displaced in so doing, without expense to the
31 District, promptly after receipt of a written notice from the District unless the District has previously given the
32 Entity a written acceptance of such condition. The District shall issue a correction notice promptly after
33 discovering the condition. The Entity shall notify the District upon completion of repairs. This obligation
34 shall survive termination of the Facilities Lease with respect to work in place prior to termination.

35
36 The Entity shall bear the cost of making good work destroyed or damaged by such correction or removal.

37
38 Nothing contained in this Section shall be construed to establish a period of limitation with respect to any
39 other obligations which the Entity might have under the Construction Documents or by operation of law. The
40 establishment of the time period of two (2) years after the Date of Completion, or such longer period of time
41 as may be prescribed by law or by the terms of any warranty required by the Construction Documents, relates
42 only to the specific obligation of the Entity to correct the Work and has no relationship to the time within
43 which an action may be commenced to establish the Entity's liability with respect to its obligations other than
44 specifically to correct the work.

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ARTICLE 18. NOT USED

1 ARTICLE 19. PRESERVATION AND CLEANING

2
3 Section 19.01. Periodic Cleaning of Project.

4 The Entity shall properly clean its Work and the Site, and maintain its Work area in an orderly manner. The
5 Entity shall remove all dirt, debris, waste, rubbish, and implements of service from the Project, the adjacent
6 sidewalks and streets, and the working area daily or as directed by the District's Representative. Debris,
7 waste, or unused construction materials shall not be left under, in, or about the Project, nor allowed to
8 accumulate on the Site or in the working area.

9
10 The Entity, at its sole cost, shall contract with a disposal company to remove all rubbish, and shall have the
11 refuse containers emptied at frequent enough intervals so that waste does not overflow the containers.

12
13 If the Entity fails to clean up during progress or upon completion of the Work, the District may perform the
14 clean up, at the Entity's expense and reduce the amount of the Total Base Rent, including any Lease
15 Payment(s) due or to become due, accordingly.

16
17 Section 19.02. Final Cleaning of Project.

18 Prior to final acceptance, the Entity shall thoroughly clean the interior and exterior of the buildings, and the
19 Site and adjacent areas, of all material related to its performance of the Work, including spots, stains, paint
20 spots, trade markings and labels, and accumulated dust and dirt. In the event the Entity fails to do so, the
21 District may cause this work to be done at the Entity's expense and reduce the amount of the Total Base Rent,
22 including any Lease Payment(s) due or to become due, accordingly.

23
24 The following list is not inclusive but to act as a guideline to include:

- 25
26 A. Removal of all paint spots, stains, rubbish, debris, tools and equipment from all areas and broom
27 clean. Steam clean all carpets and mop floors.
28
29 B. Cleaning interior and exterior of the buildings including all windows in any area affected by the
30 Work.
31
32 C. Brush off, broom sweep, dust and clean ledges, stairs, doors, hardware, chalk board trays and any
33 adjoining rooms or areas that were affected by the Work.
34
35 D. The Entity shall clear grounds and exterior paved areas and walks of all construction debris, dirt and
36 dust and shall repair any Site areas damaged during the course of construction.
37

38 Prior to final completion or Owner occupancy, the Entity shall conduct an inspection of sight-exposed
39 surfaces, and all work areas, to verify that the entire work is clean. In the event the Entity fails to do so, the
40 District may cause this work to be done at the Entity's expense and reduce the amount of the Total Base
41 Rent, including any Lease Payment(s) due or to become due, accordingly.

42
43 See also Section 01 74 23 Final Cleaning.
44

1 ARTICLE 20. COMPLETION, INSPECTION, AND OCCUPANCY BY DISTRICT

2
3 Section 20.01. Inspection.

4 When the Entity believes that its construction Work is complete, it shall request in writing a final inspection.
5 Before calling for final inspection, the Entity shall determine that the following work has been performed:

- 6
7 A. General construction has been completed.
8
9 B. Mechanical and electrical work complete, tested, commissioned and fully functional, and fixtures and
10 portables, in place, connected and ready for tryout and test.
11
12 C. Electrical circuits scheduled in panels and disconnect switches labeled.
13
14 D. Painting and special finishes complete.
15
16 E. Doors complete with hardware, cleaned of protective film and relieved of sticking or binding and in
17 working order.
18
19 F. Tops and bottoms of doors sealed, if needed.
20
21 G. Floors waxed and polished to the extent specified.
22
23 H. Broken glass replaced and glass cleaned.
24
25 I. Grounds cleared of Entity's equipment, raked clean of debris, and trash removed from the Site.
26
27 J. Work cleaned, free of stains, scratches, and other foreign matter, replacement of damaged and broken
28 material.
29
30 K. Finish and decorative work shall have marks, dirt and superfluous labels removed.

31 Final inspection will be made upon written notification from the Entity to District that the Work has been
32 completed. The Entity shall receive a list (punch list) of items found unacceptable and shall promptly correct
33 them. Upon written notification from the Entity that all items have been corrected, re-inspection for final
34 acceptance of the Project will be made. Failure of the Entity to complete punch list items will necessitate
35 further re-inspection. Costs of re-inspection will be deducted from any amounts due to the Entity.
36

37 Section 20.02. Use of Work Prior to Acceptance.

38 Whenever, in the opinion of the District, the Work or any part thereof, is in a condition suitable for use, and
39 the best interests of the District require such use, the District may take possession of, connect to, and open for
40 public or District use that portion of the Work. The District shall provide Entity not less than ten (10) days'
41 notice of such possession or use.
42

43 Section 20.03. Repairs or Renewal in the Work.

44 Prior to the Date of Completion, the Entity shall make all repairs or renewals in the portion of the Work
45 occupied pursuant to Section 20.02 made necessary due to defective material or workmanship, or the
46 operations of the Entity, ordinary wear and tear accepted.
47

1 Section 20.04. Effect of Occupancy.

2 The District's occupancy as contemplated in this Article shall not constitute acceptance by the District of the
3 Work or any part thereof. Such use shall neither relieve the Entity of any of its responsibilities under the
4 Construction Documents, nor act as a waiver by the District of any of the terms or conditions of the
5 Construction Documents. Except as provided in Article 10 of Exhibit D, any damage done by the District is
6 the responsibility of the District, and warranties applicable to the portion of the work occupied will commence
7 upon that occupancy.
8

9 Section 20.05. Coordination with Other Activities.

10 The Entity shall conduct its operations so as not to interfere unreasonably with the District's use of the
11 occupied portions of the Site. The Entity shall submit periodic schedules to the District's Representative
12 proposing the times, areas, and types of work to be done within such areas.
13

14 If the Work produces conditions rendering the occupied portions of building, the Site, or other areas
15 uninhabitable, either because of noise, dust, vibration, smoke, fumes, or for any other cause whatsoever, the
16 District's Representative may suspend the Work or request the Entity to modify the Construction Schedule,
17 and the Entity shall comply.
18

19 If the District takes occupancy pursuant to Section 20.02 it shall not unreasonably interfere with the Entity's
20 ability to complete its work in a timely and efficient manner.
21

22 Except as provided by Change Order, the Entity shall not be entitled to a time extension or increase in the
23 Total Base Rent by virtue of conflicts between the Entity's work and the District's occupancy.
24

1 ARTICLE 21. PROJECT CLOSEOUT

2
3 Section 21.01. Entity's Certificate of Completion.

4 When the Entity determines that the Project is complete and all items on the punch list have been satisfied, the
5 Entity shall submit a Certificate of Completion to the District's Representative.

6
7 Section 21.02. Additional Submissions.

8 Simultaneously with the Entity's Certificate of Completion, the Entity shall submit the following items to the
9 District's Representative:

- 10
11 A. As-built drawing information pursuant to Section 5.06.
- 12
13 B. One (1) original set of documentation and one (1) PDF file(s) in electronic format on a separate flash
14 drive completely covering the operation and maintenance of the mechanical and electrical installation,
15 elevators, kitchen equipment, and all other equipment required by the technical specifications to be
16 furnished with such manuals. The documentation shall include charts, diagrams, performance curves,
17 catalog information, lubrication manuals, and details pertaining to the functioning of various items of
18 equipment. The documentation shall be divided logically into "systems" on the basis of operation, without
19 respect to trades, subcontractors or arbitrary specifications sections. The relationship of the "systems"
20 shall be clearly and concisely detailed.
- 21
22 C. Hazardous material documentation if required.
- 23
24 D. DSA Form 6C - Final Verified Report.
- 25
26 E. All other required DSA, California Department of Education, State Allocation Board and Office of
27 Public School Construction forms.
- 28
29 F. Any extra stock material and equipment and manufacturer warranties/guarantees as required by the
30 contract documents.
- 31
32 G. Other items as required in the Construction Administrative Procedures Manual.

33
34 Section 21.03. Final Lease Payment.

35 The Final Lease Payment shall be made at the expiration of the Lease Term in accordance with the Lease
36 Payment Schedule, but in no event earlier than the expiration of the post-construction lease period, as that
37 period may be extended, specified in Section 4.2 of the Facilities Lease, which post-construction lease
38 period shall not commence until a) receipt by the District of the submittals required by this Article and the
39 Entity's Certification of Completion, b) verification that all of the Work is complete, including all punch list
40 items, in accordance with the Facilities Lease and the Construction Documents, and c) acceptance by the
41 District of the Project.

1 ARTICLE 22. GUARANTEES

2
3 Section 22.01. Guarantee Required.

4 Neither the final Lease Payment nor any provision in the Construction Documents shall relieve the Entity of
5 responsibility for faulty materials or workmanship incorporated in the Project. The Entity warrants that all
6 Work done and facilities constructed pursuant to these General Construction Terms and Conditions and the
7 Construction Documents will be free of faulty materials or workmanship and hereby agrees, immediately upon
8 receiving notification from District, to remedy, repair or replace, without cost to District, all defects which
9 may appear as a result of faulty materials or workmanship in the Project, at any time, or from time to time,
10 during a period beginning with commencement of the Project and ending two (2) years after the Notice of
11 Completion date for the Project or early occupancy by the District of the portion of the Project on which the
12 warranty claim is made, whichever is earlier. The foregoing warranty of the Entity applies to the remedy,
13 repair or replacement of defects which may appear as a result of faulty designs prepared by the Entity and/or
14 any party retained by, through or under the Entity in connection with the Project, but the foregoing warranty of
15 Entity does not guarantee against damage to the Project sustained by lack of normal maintenance or as a result
16 of changes or additions to the Project made or done by parties not directly responsible to the Entity, except
17 where such changes or additions to the Project are made in accordance with the Entity's directions. No
18 guarantee furnished by a party other than the Entity with respect to equipment manufactured or supplied by
19 such party shall relieve the Entity from the foregoing warranty obligation of the Entity. The warranty period
20 set forth hereinabove shall not apply to latent defects appearing in the Project, and with respect to such defects,
21 the applicable statute of limitations shall apply.
22

23 In the event of failure of the Entity to comply with above mentioned conditions within one (1) week after
24 being notified in writing, the District is hereby authorized to proceed to have defects repaired and made good
25 at expense of the Entity who hereby agrees to pay reasonable costs and charges therefore immediately on
26 demand.
27

28 If, in the opinion of the District, defective work creates a dangerous condition or requires immediate correction
29 or attention to prevent further loss to the District, the District will attempt to give the notice required by this
30 Article. If the Entity cannot be contacted or does not comply with the District's requirements for correction
31 within a reasonable time as determined by the District, the District may, notwithstanding the provisions of this
32 Article, proceed to make such correction and the reasonable cost shall be charged against the Entity. Such
33 action by the District will not relieve the Entity of the guarantee provided in this Article or elsewhere in the
34 Facilities Lease and/or Construction Documents.
35

36 This Article does not in any way limit the guarantee on any items for which a longer guarantee is specified or
37 on any items for which a manufacturer gives a guarantee for a longer period. The Entity shall furnish District
38 all appropriate guarantee and warranty certificates upon completion of the Project.
39

40 The guarantee period for corrected defective work shall continue for a duration equivalent to the original
41 guarantee period.
42

43 The guarantee is in addition to, and not in lieu of, the District's rights under the Facilities Lease, these General
44 Construction Terms and Conditions and/or the Construction Documents.
45
46
47

1 ARTICLE 23. CLAIMS AND DISPUTES

2
3 Claims shall be subject to the requirements of Public Contract Code sections 20104 *et seq.* and 9204.
4 A summary of those provisions is set forth below in Sections 23.02 and 23.03. A waiver of the rights granted
5 by the referenced statutes is void and contrary to public policy, provided, however, that (1) upon receipt of a
6 Claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the
7 commencement of a civil action or binding arbitration, as applicable; and (2) the District may prescribe
8 reasonable change order, claim, and dispute resolution procedures and requirements in addition to the
9 statutory requirements, so long as the contractual provisions do not conflict with or otherwise impair the
10 statutory timeframes and procedures. To the extent that the summary below is inconsistent with any
11 requirement of those statutes, the statutes shall control. The terms below are intended to be consistent with the
12 governing statutes, and any modifications shall be understood as lawful modifications or additions to the
13 statutory requirements if at all possible.
14

15 Section 23.01. Notice of Potential Claim.

16 The Entity shall promptly provide a written Notice of Potential Claim to the District upon discovery of
17 concealed or unknown conditions or discovery of facts regarding any disagreement, protest, direction,
18 situation, event, or occurrence that may result in a claim, including but not limited to changes in work and
19 delays. The written Notice of Potential Claim shall set forth the reasons for which the Entity believes
20 adjustment to the TBR or time for construction will or may be due, the nature of the costs and/or time
21 involved, and, insofar as possible, the amount of the potential claim. The Notice shall be submitted as soon as
22 practical, but no more than five (5) working days after the discovery of any facts or event that does or may
23 give rise to the claim, unless a different period for notice is specified in this Facilities Lease. **Failure to**
24 **timely submit the Notice of Potential Claim constitutes acknowledgement that the condition(s), fact(s),**
25 **occurrence(s) or event(s) did not cause any increase in cost or time to perform and waives any Claim**
26 **that the Entity otherwise may have had the right to submit based on such condition(s), fact(s),**
27 **occurrence(s) or event(s).**
28

29 Section 23.02. Definitions.

30
31 “Claim” means a separate demand by Entity sent by registered mail or certified mail with return
32 receipt requested, for one or more of the following:

33 (A) a time extension for construction of the Project, including, without limitation, for relief
34 from damages or penalties for delay assessed by the District under the Facilities Lease.
35

36 (B) payment by the District of money or damages arising from construction work done by, or
37 on behalf of, Entity pursuant to the Facilities Lease and payment for which is not otherwise
38 expressly provided or to which the claimant is not otherwise entitled.
39

40 (C) payment of an amount related to construction of the Project that the District disputes.
41

42 “Mediation” means any nonbinding process, including, but not limited to, neutral evaluation or a dispute
43 review board, in which an independent third party or board assists the parties in dispute resolution through
44 negotiation or by issuance of an evaluation.
45

46 “Subcontractor” means any type of contractor within the meaning of Chapter 9 (commencing with Section
47 7000) of Division 3 of the Business and Professions Code who either is in direct contract with the Entity or is

1 a lower tier subcontractor.

2 Section 23.03. Claims Procedure.

3 All Claims under the Facilities Lease shall be resolved using the following procedure.

4

5 23.03.01 The Claim shall be in writing and include the documents necessary to substantiate the
6 Claim. The evaluation of the Entity's Claim will be based on the District's records
7 and the Claim documentation submitted by the Entity, which shall include but not be
8 limited to the following: an explanation of the background; a chronology (including
9 dates of all key events and date(s) that the Notice of Potential Claim was given); an
10 explanation of the Entity's position; supporting documentation of merit; analysis of
11 delay for any claimed additional time, including CPM schedules; and a calculation of
12 damages or additional amounts claimed, if any. Supporting documentation of merit
13 may include, but not be limited to, Construction Documents, correspondence,
14 conference or meeting notes, shop drawing logs, survey books, inspection reports,
15 delivery schedules, test reports, daily reports, subcontracts, CPM schedules, photos,
16 RFIs, Directives, and other such records. Supporting documentation of damages may
17 include, but not be limited to, certified payroll reports; purchase orders; invoices;
18 project as-planned and as-built costs; Subcontractor payment releases; quantity
19 reports; other related records; general ledger and any other accounting materials.

20

21 Claims must be submitted within thirty (30) days of when the Entity becomes aware
22 of the facts giving rise to the Claim, except that the Claim must be submitted no later
23 than thirty (30) days from the date that a Notice of Completion is filed. Any Claim
24 shall be certified under penalty of perjury and in compliance with the California False
25 Claims Act, as set forth in Section 23.04 below. Failure to include these required
26 certifications will constitute grounds for immediate rejection of the Claim and shall
27 be deemed a waiver and absolute bar of the Claim, including any right to pursue the
28 Claim further.

29

30 23.03.02 If a Subcontractor, including a lower tier Subcontractor, lacks legal standing to assert
31 a Claim against the District because privity of contract does not exist, then the Entity
32 may present a Claim on behalf of such a Subcontractor. A first-tier Subcontractor
33 may request in writing, either on its own behalf or on behalf of a lower tier
34 Subcontractor, that the Entity present a Claim on behalf of the Subcontractor for work
35 that was performed by the Subcontractor. The Subcontractor requesting that the claim
36 be presented shall furnish reasonable documentation to support the Claim. Within
37 forty-five (45) days of receipt of this written request, the Entity shall notify the
38 Subcontractor in writing as to whether the Entity presented the Claim and, if the
39 Entity did not present the Claim, provide the Subcontractor with a statement of the
40 reasons for not having done so.

41

42 23.03.03 Upon receipt of a Claim, the District shall conduct a reasonable review of the Claim.
43 Within thirty (30) days of receipt of the Claim, the District may request, in writing,
44 any additional documentation supporting the Claim or relating to defenses to the
45 Claim that the District may have against the Entity. Where additional information is
46 requested by the District, the time in which the District must respond to a Claim shall
47 be tolled until all requested information is provided. If additional information is

1 thereafter required, then it shall be requested and provided upon mutual agreement of
2 the District and the Entity.
3

4 23.03.04 Within forty-five (45) days of receipt of the Claim, as that time may be tolled as
5 provided in Section 23.03.03 above, the District shall provide the Entity with a
6 written statement identifying what portion of the Claim is disputed and what portion
7 is undisputed. Upon receipt of a Claim, the District and the Entity may, by mutual
8 agreement, extend the time period for a response. Failure by the District to respond
9 to a Claim within the time periods described herein shall result in the Claim being
10 deemed rejected in its entirety. A Claim that is denied by failure of the District to
11 respond shall not constitute an adverse finding with regard to the merits of the Claim
12 or the responsibility or qualifications of the Entity.
13

14 23.03.05 Any payment due on an undisputed portion of the Claim shall be processed and made
15 within sixty (60) days after the District issues its written statement. The District shall
16 not fail to pay money as to any portion of a claim which is undisputed except as
17 otherwise provided in the Facilities Lease.
18

19 23.03.06 If the Entity disputes the District's written response, or the District fails to respond
20 within the time prescribed, the Entity may so notify the District, in writing, either
21 within fifteen (15) days of receipt of the District's response or within fifteen (15) days
22 of the District's failure to respond within the time prescribed, respectively, and
23 demand an informal conference to meet and confer for settlement of the issues in
24 dispute. Upon receipt of a demand, sent by registered mail or certified mail, return
25 receipt requested, the District shall schedule a meet and confer conference within
26 thirty (30) days for settlement of the dispute.
27

28 23.03.07 Within ten (10) business days following the conclusion of the meet and confer
29 conference, if the Claim or any portion of the Claim remains in dispute, then the
30 District shall provide the Entity a written statement identifying the portion of the
31 Claim that remains in dispute and the portion that is undisputed. Failure by the
32 District to provide the written statement within the time periods described herein shall
33 result in the remaining Claim issues being deemed rejected in their entirety. Denial
34 by failure of the District to respond shall not constitute an adverse finding with regard
35 to the merits of the remaining Claim issues or the responsibility or qualifications of
36 the Entity. Any payment due on an undisputed portion of the Claim shall be
37 processed and made within sixty (60) days after the District issues its written
38 statement.
39

40 23.03.08 Any remaining disputed portion of the Claim following the meet and confer
41 conference shall be submitted to nonbinding mediation, with the District and the
42 Entity sharing the associated costs equally. The District and Entity shall mutually
43 agree to a mediator within ten (10) business days after the disputed portion of the
44 Claim has been identified in writing. If the parties cannot agree upon a mediator, each
45 party shall select a mediator and those mediators shall select a qualified neutral third
46 party to mediate with regard to the disputed portion of the Claim. Each party shall
47 bear the fees and costs charged by its respective mediator in connection with the

1 selection of the neutral mediator. Unless otherwise agreed to by the District and the
2 Entity in writing, the mediation conducted pursuant to this Section shall excuse any
3 further obligation under Public Contract Code Section 20104.4 to mediate after
4 litigation has been commenced. This Section does not preclude arbitration if
5 mediation under this Section does not resolve the parties' dispute.
6

7 23.03.09 If mediation is unsuccessful, then the Entity may file a claim as provided in Chapter 1
8 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of
9 Part 3 of Division 3.6 of Title 1 of the Government Code with respect to the parts of
10 the Claim remaining in dispute. For purposes of those provisions, the running of the
11 period of time within which a claim must be filed shall be tolled from the time the
12 Entity submits its written Claim pursuant to Section 23.03.01 until the time that
13 mediation of disputed portions of that Claim is completed. This Section does not
14 apply to tort claims, and nothing in this Section is intended nor shall be construed to
15 change the time periods for filing tort claims or actions specified by Chapter 1
16 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of
17 Part 3 of Division 3.6 of Title 1 of the Government Code.
18

19 23.03.10 Amounts not paid in a timely manner as required by this Section shall bear interest at
20 seven percent (7%) per year.
21

22 23.03.11 Claims of \$375,000 or less are subject to the following procedures for civil actions
23 filed to resolve the claims:
24

25 (a) The case shall be submitted to judicial arbitration pursuant to Chapter 2.5
26 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil
27 Procedure, notwithstanding Section 1141.11 of that code. The Civil
28 Discovery Act (Title 4 (commencing with Section 2016.010) of Part 4 of the
29 Code of Civil Procedure) shall apply to any such proceeding, consistent with
30 the rules pertaining to judicial arbitration.
31

32 (b) The parties stipulate that the arbitrator shall be experienced in construction
33 law and shall be paid necessary and reasonable hourly rates of pay not to
34 exceed their customary rate, and such fees and expenses shall be paid equally
35 by the parties, except in the case of arbitration where the arbitrator, for good
36 cause, determines a different division. In no event shall these fees or expenses
37 be paid by state or county funds.
38

39 (c) In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of
40 Part 3 of the Code of Civil Procedure, any party who, after receiving an
41 arbitration award, requests a trial *de novo* but does not obtain a more favorable
42 judgment shall, in addition to payment of costs and fees under that chapter,
43 pay the attorneys' fees of the other party arising out of trial *de novo*.
44

45 (d) The court may, upon request by any party, order any witnesses to participate
46 in arbitration process.

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In any suit filed under Public Contract Code Section 20104.4, the District shall pay interest at the legal rate on any arbitration award or judgment. The interest shall begin to accrue on the date the suit is filed in a court of law.

Section 23.04. Claim Certification.

Entity acknowledges that it has read and is familiar with the provisions of the False Claims Act (California Government Code Sections 12650 *et seq.*). Submission by Entity of any claim (as the term “claim” is defined in False Claims Act) to the District in connection with the Project, whether on its behalf or on behalf of a subcontractor or material supplier, shall constitute a representation by Entity to the District that submission of the claim does not, in any respect, violate the False Claims Act. Any party with an interest in the claim, including Entity and any subcontractor or material supplier, shall certify under penalty of perjury the validity and accuracy of any claim submitted to the District, as provided below. Compliance with this claims certification requirement shall be a condition precedent to any obligation District might otherwise have to review the claim and failure to provide such certification shall constitute a waiver of the claim.

CLAIM CERTIFICATION

Under penalty of perjury, and with specific reference to the California False Claims Act, Government Code sections 12650 *et seq.*, I certify that submission of the attached claim is made in good faith; that the supporting data prepared by the undersigned company are accurate and complete to the best of my knowledge and belief; that submission of the claim to the District does not violate the False Claims Act; and that I am duly authorized to certify the claim on behalf of the claimant.

Dated: _____

(Company)

(Signature)

Title: _____

Section 23.05. Continuance of Work.

In the event of a dispute between the parties as to performance of the Work or the interpretation of the Construction Documents, or payment or nonpayment for Work performed or not performed, the parties shall attempt to resolve the dispute. Pending resolution of this dispute, the Entity agrees to continue the Work diligently to completion. If the dispute is not resolved, except as provided otherwise in the Facilities Lease, the Entity agrees it will neither rescind the Facilities Lease, nor stop the progress of the Work on the Project.

1 ARTICLE 24. ADDITIONAL PROVISIONS

2
3 Section 24.01. Conflict of Interest.

4 No official of the District who is authorized on behalf of the District to negotiate, make, accept, or approve,
5 any architectural, engineering, inspection, Construction, or materials supply contract, or any subcontract in
6 connection with the Construction of the Project, or any land acquisition in connection with the Project, shall
7 become directly or indirectly interested personally in the contract or in any part thereof.

8
9 No officer, employee, architect, attorney, consultant, engineer, or inspector of or for the District who is
10 authorized on behalf of the District to exercise any executive, supervisory, or other similar function in
11 connection with the Construction of the Project shall become directly or indirectly interested personally in the
12 contract or any part thereof.

13
14 Section 24.02. No Oral Agreements.

15 No oral agreement or conversation with any officer, agent, or employee of the District, either before, during,
16 or after the execution of the Facilities Lease and/or the Construction Documents shall affect or modify any
17 term or condition contained in the Facilities Lease and/or Construction Documents, nor shall such oral
18 agreement or conversation entitle the Entity to any additional payment or time to perform whatsoever under
19 the terms thereof.

20
21 Section 24.03. Anti-Trust Assignment.

22 By execution of the Construction Documents, or any Subcontract awarded by the Entity, the Entity or any
23 Subcontractor offers and agrees to assign and hereby does assign to the District all rights, title, and interest in
24 and to all causes of action the Entity or Subcontractor may have under Section 4 of the Clayton Act (15 USC
25 section 15) or under the Cartwright Act (Chapter 2 of Part 2 of Division 7 of the Business and Professions
26 Code, commencing with Section 16700), arising from purchases of goods, services, or materials pursuant to
27 the Facilities Lease, Construction Documents or subcontract. This assignment shall be made and shall become
28 effective at the time the District tenders the Final Lease Payment to the Entity, without further
29 acknowledgement by the parties.

30
31 Section 24.04. Entity Not Agent, Nor Employee.

32 Neither the Entity nor any subcontractor, or any officer, agent, or employee of either, is, nor shall they
33 represent themselves to be, an officer, agent, or employee of the District for any purpose whatsoever.
34 No person employed by the Entity, or by any subcontractors, are, nor shall they be construed to be in any
35 manner or for any purpose whatsoever, employees of the District.

36
37 Section 24.05. Access to Records.

38 All accounting records shall be maintained on a generally accepted accounting basis. The District or the
39 District's Authorized Representative shall have access, upon reasonable notice, during normal business hours,
40 to any books, contracts, documents, accounting records, papers, project correspondence, project files,
41 scheduling information and other relevant records of the Entity and all subcontractors directly or indirectly
42 pertinent to the Work (including without limitation preconstruction services, original work, and changed or
43 claimed extra work), to verify and evaluate the accuracy of percentage completion of preconstruction or
44 construction services, cost and pricing data submitted with any permitted use of the Contingencies or
45 Allowances, Change Order prospective or executed, or any claim for which additional compensation has been
46 requested. Such access shall include the right to examine and audit such records, and make excerpts,
47 transcriptions and photocopies at the District's cost. Records shall be maintained for three years following

1 termination of this Facilities Lease.

DIVISION 1 - GENERAL REQUIREMENTS

1
2
3
4
5

The following constitute the General Requirements applicable to the construction of the Project.

All references herein to “Contractor” or “the Contractor” shall be deemed to apply to the Entity.

1 **Section 01 31 19 - PROJECT MEETINGS & PROCEDURES**

2 **PART 1 – GENERAL**

3
4 **1.01 SECTION INCLUDES**

5
6 A. The District Representative will schedule and administer a preconstruction meeting, regular
7 progress meetings, and specially called meetings throughout progress of the Work, and will:
8

9 1. Prepare agenda for meetings.

10 2. Make physical arrangements for meetings.

11 3. Preside at meetings.

12 4. Record the minutes; include significant proceedings and decisions.

13 5. Reproduce and distribute copies of minutes after each meeting to participants in the
14 meeting and to parties affected by decisions made at meeting.
15

16 B. Representatives of the Entity, subcontractors and suppliers attending meetings shall be
17 experienced supervisory staff with written authorization to act on behalf of the entity each
18 represents.
19

20 **1.02 PRECONSTRUCTION MEETING**

21
22 A. Timing: Prior to start of construction.

23
24 B. Attendance: Architect and consultants as appropriate, District’s Representative, Entity,
25 subcontractors as requested, Project Inspector.

26
27 C. Purpose: Discuss and familiarize contractors with construction administrative procedures to
28 be used on Project.
29

30 **1.03 PROGRESS MEETINGS**

31
32 A. Timing: Frequency, day and time to be mutually determined by the District and the Entity.

33
34 B. Attendance: District’s Representative, Entity; Architect, consultants, Project inspector and
35 subcontractors when required.
36

37 C. Purpose: The purpose of these meetings is to provide a formal and regular forum for the
38 District, District’s Representative, Architect/Engineer and the Entity to present questions,
39 problems or issues that need to be addressed. It will also provide an opportunity to review the
40 progress on previous issues and action items along with submittal and schedule review.
41

42 **1.04 SPECIALLY CALLED MEETINGS**

43
44 A. The District’s Representative may call a special meeting at any time during the course of the
45 Project. Special Project meetings shall include representatives of the Project as requested in
46 order to discuss problems and/or solutions that are common to the Project.
47

END OF SECTION

1 **Section 01 35 16 - ALTERATION PROJECT PROCEDURES**

2
3 **PART 1 GENERAL**

4
5 1.01 SECTION INCLUDES

- 6
7 A. Products and installation for patching and extending Work.
8
9 B. Transition and adjustments.
10
11 C. Repair of damaged surfaces, finishes, and cleaning.
12
13 D. Salvage materials.

14
15 1.02 RELATED SECTIONS

- 16
17 A. Section 0173 29- Cutting and Patching.
18
19 B. Section 02 41 00 - Minor Demolition for Remodeling.
20

21 1.03 ALTERATIONS, CUTTING AND PROTECTION

- 22
23 A. Assign the work of moving, removal, cutting and patching, to trades qualified to perform the work
24 in manner to cause least damage to each type of work, and provide means of returning surfaces to
25 appearance of new work.
26
27 B. Perform cutting and removal work to remove minimum necessary, and in a manner to avoid
28 damage to adjacent work.
29
30 1. Cut finish surfaces such as concrete, masonry, drywall, plaster or metals, by methods to
31 terminate surfaces in a straight line at a natural point of division, or where indicated.
32
33 C. Protect existing finishes, equipment, and adjacent work, which are scheduled to remain, from
34 damage.
35
36 1. Protect existing and new' work from extremes of temperature.
37 a. Maintain existing Interior work above 60 degrees F
38 b. Provide heat and humidity control as needed to prevent damage to remaining existing work
39 and to new work.
40
41 D. Provide temporary enclosures to separate work areas from existing building and from areas
42 occupied by the District.
43

44 **PART 2 PRODUCTS**

45
46 2.01 PRODUCTS FOR PATCHING AND EXTENDING WORK

- 47
48 A. New Materials. As specified in product Sections; match new materials to existing work.
49
50 1. Provide same products or types of construction as that in existing structure, as needed to patch,
51 extend or match existing work.
52
53

1 2. Presence of a product, finish, or type of construction, requires that patching, extending or
2 matching shall be performed consistent to, or better than, existing standards of quality.
3

4 B. Type and Quality of Existing Products: Determine by inspection and testing existing products
5 where necessary, referring to existing Work as a standard.
6

7 PART 3 EXECUTION

8
9 3.01 EXAMINATION

10 A. Verify that demolition is complete, and areas are ready for installation of new Work.

11 B. Beginning of restoration Work means acceptance of existing conditions.
12
13

14
15 3.02 PREPARATION

16 A. Cut, move, or remove items as necessary for access to alterations and/or renovation Work.
17 Replace and restore at completion. The full extent of cutting and patching is not shown or specified.
18 The Entity shall perform all cutting and patching as required.
19
20

21 B. Remove unsuitable material not marked for salvage, such as rotted wood, corroded metals, and
22 deteriorated masonry and concrete. Replace materials as specified for finished Work.
23

24 C. Remove debris and abandoned items from area and from concealed spaces.
25

26 D. Prepare surface and remove surface finishes to provide for proper installation of new work and
27 finishes.
28

29 3.03 INSTALLATION

30 A. Coordinate work of alterations and renovations to expedite completion and to accommodate
31 District occupancy. Patch and extend existing work using skilled mechanics that are capable of
32 matching existing quality of workmanship. Quality of patched or extended work shall be not less
33 than that Specified for new work.
34
35

36 B. Room Finishes. Complete in all respects consistent with the Contract Documents.
37

38 C. Remove, cut, and patch Work in a manner to minimize damage and to provide a means of restoring
39 Products and finishes to specified condition.
40

41 D. Install Products as specified In Individual Sections.
42

43 3.04 TRANSITIONS

44 A. Where new Work abuts or aligns with existing, perform a smooth and even transition.

45 B. Patch Work to match existing adjacent Work in texture and appearance, without breaks, steps or
46 bulkheads.
47
48

49 C. When finished surfaces are cut so that a smooth transition with new work is not possible, terminate
50 existing surface along a straight line at a natural line of division and make recommendation to
51 Architect.
52

53
54 3.05 ADJUSTMENTS

55 A. Where change of plane of 1/4 inch or more occurs, submit recommendation for providing a smooth
56 transition.
57

- 1
- 2 B. Where extreme change of plane of two inches or more occurs, request Instructions from Architect
- 3 as to method of making transition.
- 4
- 5 C. Trim existing doors as necessary to clear new threshold Installation. Refinish trim as required.
- 6
- 7 D. Fit work at penetrations of surfaces as shown on drawings.
- 8

9 3.06 SALVAGED MATERIALS

- 10
- 11 A. Salvaged Materials from existing facilities, which are specified in the Special Provisions, identified in
- 12 bid doc's or tagged in the field are to be salvaged and shall remain the property of the District. The
- 13 Entity shall include the removal, disassembly, preparation, marking, bundling, packaging, tagging,
- 14 hauling, and stockpiling of salvaged materials or facilities to the location specified in the Special
- 15 Provisions, or as directed by the District Representative. Materials include, but are not limited to,
- 16 parts, articles, and equipment of assembled facilities. Salvaging does not include the preparation of
- 17 existing material that is to be reused in the work.
- 18
- 19 B. When only specific materials from the facility are designated to be salvaged, the remaining
- 20 materials from that facility shall be removed and disposed of as provided for elsewhere in the
- 21 Contract Documents. Materials to be salvaged shall not be removed until their use in the existing
- 22 facility is no longer required, as determined by the District Representative.
- 23
- 24 C. When practicable, salvaged materials shall be hauled directly to the location specified in the Special
- 25 Provisions and stockpiled; however, salvaged materials may be temporarily stored at a location
- 26 selected by the Entity and approved by the District Representative and later hauled to and
- 27 stockpiled at their final location. Materials which are lost before stockpiling at their final location
- 28 shall either be replaced by the Entity, at the Entity's expense, or, at the discretion of the District
- 29 Representative, the estimated cost of replacement may be deducted from any moneys due or to
- 30 become due to the Entity.
- 31
- 32 D. Materials designated to be salvaged that are damaged, as determined by the District Representative,
- 33 shall be segregated from undamaged material. After review of the damaged materials by the
- 34 District Representative, all damaged materials that are rejected by the Districts Representative shall
- 35 become the property of the Entity and shall be disposed of as provided elsewhere in the Contract
- 36 Documents.
- 37
- 38 E. Materials to be salvaged that are damaged as a result of the Entity's operations shall be repaired by
- 39 the Entity, at the Entity's expense, to the satisfaction of the District Representative. Materials that
- 40 are damaged beyond repair as a result of the Entity's operations shall be disposed of as provided
- 41 elsewhere in the Contract Documents and replaced at the Entity's expense; or, at the discretion of
- 42 the District Representative, the estimated cost of replacement may be deducted from any moneys
- 43 due or to become due to the Entity.
- 44
- 45 F. Replacements for lost or damaged materials shall be of the same kind and of the same or better
- 46 quality and condition as the lost or damaged materials were prior to their removal. Replacement
- 47 materials should also be of the same size, color, weight etc. of the original materials. Matching or
- 48 exceeding quality and condition alone may not permit the reuse of material.
- 49
- 50

1 3.07 REPAIR OF DAMAGED SURFACES
2

- 3 A. Patch or replace portions of existing surfaces, which are damaged, lifted, discolored, or showing
4 other imperfections.
5
6 B. Repair substrate prior to patching finish.
7

8 3.08 FINISHES
9

- 10 A. Finish surfaces as specified in Individual Product Sections.
11
12 B. Finish patches to produce uniform finish and texture over entire area. When finish cannot be
13 matched, refinish entire surface to nearest Intersections.
14
15 C. Unless otherwise specified or shown, subsurfaces shall be prepared as recommended by finish
16 material manufacturers for project conditions for the proper application of new finishes.

17 3.09 CLEANING
18

- 19 A. Clean adjacent Owner occupied areas of work soiled by work of this contract (See Exhibit D –
20 General Conditions).
21
22

23 END OF SECTION
24

1 **Section 01 41 00 - ADDITIONAL REQUIREMENTS FOR DSA-REVIEWED PROJECTS**

2
3 PART 1 - GENERAL

4
5 1.01 GENERAL

- 6
7 A The following additional requirements apply to this Project, which is being reviewed by the
8 Division of the State Architect (DSA).
9 B Entity’s responsibility to follow DSA IR A-24 and PR 13-01 throughout the project.

10
11 1.02 ADDITIONAL REQUIREMENTS

- 12
13 A The Entity shall maintain full compliance with the requirements specified in Parts 1 thru 5 and Part
14 9, Title 24, California Code of Regulations (CCR). Unless otherwise indicated or specified,
15 work shall be performed in full conformance with the latest edition of applicable regulatory
16 requirements. All work shall be performed in accordance with the rules and regulations, Title 24,
17 Parts 1-5 and Part 9, California Code of Regulations, and Division of the State Architect, and a copy
18 shall be kept on the job at all times during construction. The codes adopted by the City, County,
19 State and Federal agencies shall govern minimum requirements for this Project. The Entity shall
20 notify the District of any conflicts between the requirements of the Contract Documents and the
21 requirements of this paragraph.
22
23 B In addition to the duties specified in the Contract Documents, the duties of the Entity shall be in
24 accordance with the requirements specified in Section 4-343 of Part 1, Title 24, California Code of
25 Regulations (CCR).
26
27 C In addition to the duties specified in the Contract Documents, the duties of the Architect and the
28 Architect's consultants shall be in accordance with the requirements specified in Section 4-341 of
29 Part 1, Title 24, CCR.
30
31 D Neither DSA, nor the decisions and instructions rendered by DSA, are subject to arbitration
32 proceedings.
33
34 E Architect shall notify DSA at start of construction in accordance with 4-341 of Part 1, Title 24,
35 CCR.
36
37 F All Addenda and applicable Contract Change Documents (CCD) shall be signed by the District and
38 approved by the Architect. All Addenda and Construction Change Documents are to be submitted
39 for DSA approval. Do not begin work under a written order until the Construction Change
40 Document(s) that requires DSA approval have been submitted to and approved by DSA in
41 accordance with California Administrative Code Section **Part 1, Title 24, CCR.**
42
43 G If DSA approval is required for Proposed Construction Changes, it will be so noted on the Draw and
44 Amendment / Change Order (For District use only) and the Construction Change Document(s) sent
45 for DSA approval.. In such cases, do not begin work under a written order until the Construction
46 Changes have been submitted to and approved by DSA in accordance with California
47 Administrative Code Section 4-338 (c) of Part 1, Title 24, CCR and DSA IR A-6. Substitutions are
48 changes to the Contract Documents and shall be considered Construction Changes, and, if DSA

1 approval is required, shall be approved by DSA prior to fabrication or use.
2

- 3 H. Entity shall submit verified reports in accordance with Sections 4-343(c) of Part 1, Title 24, CCR.
4 Architect shall submit verified reports in accordance with Sections 4-341(f) of Part 1, Title 24,
5 CCR.
6
- 7 I. DSA may supervise construction, reconstruction, or repair in accordance with Section 4-334 of Part
8 1, Title 24, CCR.
9
- 10 J. Construction shall be observed by a full-time Project Inspector employed by the District, approved
11 by the Architect, Structural Engineer and DSA in accordance with Sections 4-333(b) and 4-342 of
12 Part 1, Title 24, CCR.
13
- 14 K. Testing requirements of the District's Testing Laboratory shall be in accordance with Section 4-335 of
15 Part 1, Title 24, CCR.
16
- 17 L. Special inspection of masonry construction, glued laminated lumber, wood framing using timber
18 connections, ready-mixed concrete, high strength steel bolt installation, welding, and mechanical and
19 electrical work shall be as required by Section 4-333(c) of Part 1, Title 24, CCR. The costs of special
20 inspection will be paid for by the District. Nothing in this paragraph shall limit the District's rights
21 under Articles 9 or 17 of Exhibit D- General Conditions.
22
- 23 M. The intent of these Drawings and Specifications is that the work of the alteration, rehabilitation or
24 reconstruction is to be in accordance with Title 24, California Code of Regulations. Should any
25 existing conditions such as deterioration or non-complying construction be discovered which is not
26 covered by the Contract Documents wherein the finished work will not comply with Title 24,
27 California Code of Regulations, a construction change document, or separate set of plans and
28 specifications, detailing and specifying the required work shall be submitted to and approved by DSA
29 before proceeding with the work.
30
- 31 N. Substitutions relating to structural, Fire-Life-Safety (FLS), and access shall be submitted to DSA for
32 review and approval prior to fabrication and installation.
33

34
35 END OF SECTION
36
37

1 **Section 01 42 00 – REFERENCES**

2
3 PART 1 - GENERAL

4
5 1.1 SUMMARY

6
7 A. DESCRIPTION:

- 8
9 1. General: Standards, codes, definition of words and terms, are identified in this
10 Section.

11
12 1.2 REFERENCES

13
14 A. GENERAL: References are made throughout the technical specifications to various standard
15 specifications, codes, practices, and requirements for materials, work quality, installation,
16 inspections and tests, which are published and issued by the organizations, societies and
17 associations listed below by abbreviation and name.

18
19 B. REFERENCED STANDARDS: Obtain copies direct from publication sources as needed for
20 proper performance and completion of the Work. Addresses for these organizations are
21 available from the Architect.

22
23 1.3 STANDARDS

24
25 A. GENERAL: All references to established Standards mean and include the latest edition of
26 such Standards, as of the date of issue of this Facilities Lease.

27
28 1.4 CODES

29
30 A. GENERAL: Work of this project shall conform to applicable codes, current editions adopted
31 by enforcing agencies.

32
33 B. APPLICABLE CODES THE LATEST EDITION OF THE FOLLOWING:

- 34
35 1. Building Standards Administrative Code, Part 1, Title 24 C.C.R.
36
37 2. California Building Code, Part 2, Title 24 C.C.R. (International Building Code with
38 2013 California Amendments)
39
40 3. California Electrical Code, Part 3, Title 24 C.R.R. (National Electrical Code with
41 2013 California Amendments)
42
43 4. California Mechanical Code, Part 4, Title 24 C.C.R. (Uniform Mechanical Code with
44 California Amendments)
45
46 5. California Plumbing Code, Part 5, Title 24 C.C.R. (Uniform Plumbing Code with
47 California Amendments)
48

6. California Energy Code, Part 6, Title 24 C.C.R.
7. California Fire Code, Part 9, Title 24 C.C.R. (International Fire Code & California Amendments)
8. California Referenced Standards, Part 12, Title 24 C.C.R.
9. Title 19 C.C.R., Public Safety, State Fire Marshal Regulations.
10. Chapter 4, Part 1, Title 24 C.C.R Administrative Requirements.
11. CFC Chapter 33 – Fire Safety During Construction and Demolition.
12. NFPA 10, Current Edition, Standard for Portable Fire Extinguishers
13. NFPA 13, Current Edition, The Standard for the Installation of Automatic Sprinkler Systems
14. NFPA 14, Current Edition, Standard for the Installation of Standpipe and Hose Systems.
15. NFPA 24, Current Edition, Standard for the Installation of Private Fire Service Mains and Their Appurtenances.
16. NFPA 72, Current Edition, National Fire Alarm and Signaling Code.
17. ASME A17.1, ASME A18.1

1.5 DEFINITIONS

A. WORDS AND TERMS:

1. General: The following are used in addition to those defined in the General Construction Terms and Conditions, and are defined as follows:
 - a. Approved: As accepted by the Architect.
 - b. As Required: As required by regulatory requirements, referenced standards, existing conditions, or by the Construction Documents.
 - c. Building Code or Code: Refers to regulations of governmental agencies having jurisdiction.
 - d. Directed: As instructed by the Architect in writing.
 - e. Furnish: Supply and deliver to the site.
 - f. Indicated: As shown, noted, or scheduled on the Drawings.

- g. Install: Anchor, fasten, or connect in place and adjust for use; place or apply in proper position and location; establish in place for use or service.
- h. Product: Includes materials, systems and equipment.
- i. Provide: Furnish and install.
- j. Shown: As indicated, noted or scheduled on the Drawings.

B. ABBREVIATIONS:

- 1. General: Definition of abbreviations and symbols used on the Drawings are identified on the Drawings.
- 2. Governing Dictionary: The definitions of words and abbreviations used in these Specifications are given in “The American Heritage Dictionary of the English Language”.

PART 2 - PRODUCTS

2.1 REFERENCE STANDARDS

- A. GENERAL: The reference standards applicable to this Project are specifically identified in the technical specification Sections listed in the Table of Contents - Divisions 2 through 16.
- B. ASSOCIATION NAMES: The following abbreviation or acronym shall be understood to mean the full name of the respective organization or document, as follows:

AA	Aluminum Association
AABC	Associated Air Balance Council
AAC	Aluminum Anodizers Council
AAMA	American Architectural Manufacturers Association
AAN	American Association of Nurserymen
AASHTO	American Association of State Highway and Transportation Officials
AATCC	American Association of Textile Chemists and Colorists
AAU	Amateur Athletic Union
ABMA	American Boiler Manufacturers Association
ACI	American Concrete Institute
ACIL	American Council of Independent Laboratories
ACPA	American Concrete Pipe Association
ADC	Air Diffusion Council
AFPA	American Forest and Paper Association
AGA	American Gas Association
AGC	Associated General Contractors of America
AHA	American Hardboard Association
AHAM	Association of Home Appliance Manufacturers
AI	Asphalt Institute

1	AIA	American Institute of Architects
2	AIA	American Insurance Association (successor to NBFU)
3	AIHA	American Industrial Hygiene Association
4	AIMA	Acoustical and Insulating Materials Association
5	AISC	American Institute of Steel Construction
6	AISI	American Iron and Steel Institute
7	AITC	American Institute of Timber Construction
8	ALI	Associated Laboratories, Inc.
9	ALSC	American Lumber Standards Committee
10	AMCA	Air Movement and Control Association
11	ANSI	American National Standards Institute
12	AOSA	Association of Official Seed Analysts
13	APA	American Plywood Association
14	API	American Petroleum Institute
15	ARI	Air-Conditioning and Refrigeration Institute
16	ARMA	Asphalt Roofing Manufacturers Association
17	ASA	Acoustical Society of America
18	ASC	Adhesive and Sealant Council
19	ASHRAE	American Society of Heating, Refrigerating, and Air-Conditioning Engineers
20	ASME	American Society of Mechanical Engineers
21	ASPA	American Sod Producers Association
22	ASPE	American Society of Plumbing Engineers
23	ASSE	American Society of Sanitary Engineering
24	ASTM	American Society for Testing and Materials
25	ATIS	Alliance for Telecommunications Industry Solutions
26	AWC	American Wood Council
27	AWI	Architectural Woodwork Institute
28	AWPA	American Wood Preservers Association
29	AWS	American Welding Society
30	AWWA	American Water Works Association
31	BHMA	Builder's Hardware Manufacturers Association
32	BIA	Brick Industry Association
33	BIFMA	The Business and Institutional Furniture Manufacturer's Association
34	BSI	Building Stone Institute
35	CAGI	Compressed Air and Gas Institute
36	CalTrans	State of California, Department of Transportation
37	CAUS	Color Association of the United States
38	CBHF	Bureau of Home Furnishings and Thermal Insulation, State of California, Dept. of
39		Consumer Affairs
40	CBM	Certified Ballast Manufacturers
41	CCC	Carpet Cushion Council
42	CDA	Copper Development Association
43	CFFA	Chemical Fabrics and Film Association, Inc.
44	CGA	Compressed Gas Association
45	CISCA	Ceiling and Interior Systems Construction Association
46	CISPI	Cast Iron Soil Pipe Institute
47	CLFMI	Chain Link Fence Manufacturing Institute
48	CRA	California Redwood Association

1	CRI	Carpet and Rug Institute
2	CRSI	Concrete Reinforcing Steel Institute
3	CS	Commercial Standard
4	CSA	Canadian Standards Association
5	CSI	Construction Specifications Institute
6	CPSC	Consumer Product Safety Commission
7	CSSB	Cedar Shingle and Shake Bureau
8	CTI	Ceramic Tile Institute of America
9	DHI	Door Hardware Institute
10	DIPRA	Ductile Iron Pipe Research Association
11	DLPA	Decorative Laminate Products Association
12	DSA	Division of the State Architect, Office of Regulation Services
13	EIA	Electronic Industries Association
14	EIMAEIFS	Industry Manufacturers Association
15	EJMA	Expansion Joint Manufacturers Association
16	ETLETL	Testing Laboratories
17	FCI	Fluid Controls Institute
18	FCICA	Floor Covering Installation Contractors Association
19	FGMA	Flat Glass Marketing Association
20	FM	Factory Mutual Research and Engineering Corporation
21	FMRC	Factory Mutual Research Corporation
22	FTI	Facing Tile Institute
23	FS	Federal Specification General Services Administration
24	GA	Gypsum Association
25	GANA	Glass Association of North America
26	GIS	Germany Institute for Standardization
27	HEI	Heat Exchange Institute
28	HI	Hydronics Institute
29	HI	Hydraulic Institute
30	HMA	Hardwood Manufacturers Association
31	HPVA	Hardwood Plywood and Veneer Association
32	HUD	U.S. Department of Housing and Urban Development
33	IAPMO	International Association of Plumbing and Mechanical Officials
34	IBD	Institute of Business Designers
35	ICC	International Code Council
36	ICEA	Insulated Cable Engineers Association
37	IEC	International Electrotechnical Commission
38	IEEE	Institute of Electrical and Electronics Engineers
39	IESNA	Illuminating Engineering Society of North America
40	IFAI	Industrial Fabrics Association International
41	IGCC	Insulating Glass Certification Council
42	ILI	Indiana Limestone Institute of America
43	IMSA	International Municipal Signal Association
44	IRI	Industrial Risk Insurers
45	ISA	Instrument Society for Measurement and Control
46	ISO	International Standards Organization
47	KCMA	Kitchen Cabinet Manufacturers Association
48	LIA	Lead Industries Association, Inc.

1	LPI	Lightning Protection Institute
2	LSGA	Laminators Safety Glass Association
3	MBMA	Metal Building Manufacturers Association
4	MCAA	Mechanical Contractors Association of America
5	MFMA	Maple Flooring Manufacturers Association
6	MIA	Marble Institute of America
7	ML/SFA	Metal Lath/Steel Framing Association Division of NAAMM
8	MSSVFI	Manufacturers Standardization Society of the Valve and Fittings Industry
9	NAA	National Arborist Association
10	NAAMM	National Association of Architectural Metal Manufacturers
11	NAIMA	North American Insulation Manufacturers Association
12	NAPA	National Asphalt Pavement Association
13	NBFU	National Board of Fire Underwriters - See American Insurance Assn. (AIA)
14	NCAA	National Collegiate Athletic Association
15	NCMA	National Concrete Masonry Association
16	NCPI	National Clay Pipe Institute
17	NCRPM	National Council on Radiation Protection and Measurements
18	NCSPA	National Corrugated Steel Pipe Association
19	NECA	National Electrical Contractors Association
20	NEI	National Elevator Industry, Inc.
21	NEMA	National Electrical Manufacturers Association
22	NETA	International Electrical Testing Association
23	NFPA	National Forest and Paper Association
24	NHLA	National Hardwood Lumber Association
25	NIST	National Institute of Standards and Technology
26	NLGA	National Lumber Grades Authority
27	NOFMA	National Oak Flooring Manufacturers Association
28	NPA	National Particleboard Association
29	NPCA	National Paint and Coatings Association
30	NRCA	National Roofing Contractors Association
31	NRMCA	National Ready-Mix Concrete Association
32	NSF	National Sanitation Foundation
33	NSSEA	National School Supply and Equipment Association
34	NSWMA	National Sanitation and Waste Management Association
35	NTMA	National Terrazzo and Mosaic Association
36	NWWDA	National Wood Window and Door Association
37	OSHA	Occupational Safety and Health Administration
38	OSHPD	Office of Statewide Health Planning and Development
39	PATMI	Power Actuated Tool Manufacturers' Institute, Inc.
40	PCA	Portland Cement Association
41	PCI	Precast Prestressed Concrete Institute
42	PDCA	Painting and Decorating Contractors of America
43	PDI	Plumbing and Drainage Institute
44	PEI	Porcelain Enamel Institute
45	PS	Product Standard of National Bureau of Standards
46	RFCI	Resilient Floor Covering Institute
47	RIS	Redwood Inspection Service
48	RMA	Rubber Manufacturers Association

1	SAMA	Scientific Apparatus Makers Association
2	SDI	Steel Deck Institute
3	SDI	Steel Door Institute
4	SIGMA	Sealed Insulating Glass Manufacturers Association
5	SFM	State Fire Marshal
6	SGCC	Safety Glazing Certification Council
7	SJI	Steel Joist Institute
8	SMA	Screen Manufacturers Association
9	SMA	Stucco Manufacturers Association
10	SMACNA	Sheet Metal and Air Conditioning Contractors National Association
11	SPIB	Southern Pine Inspection Bureau
12	SPR	Simplified Practice Recommendation
13	SPRI	Single-Ply Roofing Institute
14	SSPC	Steel Structures Painting Council
15	SSPMA	Sump and Sewage Pump Manufacturers Association
16	STI	Steel Tank Institute
17	SWI	Steel Window Institute
18	SWPA	Submersible Wastewater Pump Association
19	SWRI	Sealant, Waterproofing and Restoration Institute
20	TCA	Tile Council of America
21	TIMA	Thermal Insulation Manufacturers Association
22	TPI	Truss Plate Institute
23	UL	Underwriters' Laboratories, Inc.
24	UNI	Uni-Bel PVC Pipe Association
25	USGBCUS	Green Building Council
26	USP	United States Pharmacopoeial Convention
27	USDA	United States Department of Agriculture
28	USTC&TBA	United States Tennis Court and Track Builders Association
29	VWDI	Vinyl Window and Door Institute
30	WA	Wallcoverings Association
31	WCLIB	West Coast Lumber Inspection Bureau
32	WCMA	Window Covering Manufacturers Association
33	WCRSI	Western Concrete Reinforcing Steel Institute
34	WH	Warnock Hersey International, Inc.
35	WIC	Woodwork Institute of California
36	WLPDIA	Western Lath, Plaster, Drywall Industries Association
37	WRI	Wire Reinforcement Institute
38	WSC	Water Systems Council
39	WSFI	Wood and Synthetic Flooring Institute
40	WWPA	Western Wood Products Association
41	WWPA	Woven Wire Products Association

42
43 PART 3 - EXECUTION - Not Used

44 END SECTION

1 **Section 01 45 00 - QUALITY CONTROL**

2
3 PART 1 - GENERAL

4
5 1.01 SECTION INCLUDES

- 6
7 A. Quality assurance and control of installation.
8
9 B. References.
10
11 C. Field samples.
12
13 D. Mock-up.
14
15 E. Inspection and testing laboratory services.
16
17 F. Manufacturers' field services and reports.

18
19 1.02 RELATED SECTIONS

- 20
21 A. General Construction Terms and Conditions, Article 11- Submittals
22
23 B. Technical Specifications
24

25 1.03 QUALITY ASSURANCE/CONTROL OF INSTALLATION

- 26
27 A. Monitor quality control over suppliers, manufacturers, Products, services, site conditions, and
28 workmanship, to produce Work of specified quality.
29
30 B. Comply fully with manufacturers' instructions, including each step in sequence.
31
32 C. Should manufacturers' instructions conflict with the Construction Documents, request
33 clarification from Architect before proceeding.
34
35 D. Comply with specified standards as a minimum quality for the Work except when more
36 stringent tolerances, codes, or specified requirements indicate higher standards or more
37 precise workmanship.
38
39 E. Perform work by persons qualified to produce workmanship of specified quality.
40
41 F. Secure Products in place with positive anchorage devices designed and sized to withstand
42 stresses, vibration, physical distortion or disfigurement.
43
44 G. Entity's Line of Authority: Entity shall provide one person who shall be both knowledgeable
45 and responsible for all work to be performed on this project at all times during normal work
46 hours. In Entity's absence, Entity's appointed representative shall be responsible for all
47 directions given him and said directions shall be binding as if given to the Entity. Entity's
48 representative shall be responsible to coordinate all work to be performed.

- H. Shop and fieldwork shall be performed by mechanics skilled and experienced in the fabrication and installation of the work involved. All work on this project shall be done in accordance with the best practices of the various trades involved and in accordance with the drawings, approved shop drawings and these specifications.
- I. All work shall be erected and installed plumb, level, square and true and in proper alignment and relationship to the work of other trades. All finished work shall be free from defects. The Architect, Engineer, District and its Representatives reserve the right to reject any materials and workmanship which are not considered to be up to the highest standards of the various trades involved. Such Inferior material or workmanship shall be replaced by the Entity at no additional cost to the Owner and without a time extension.
- J. All work shall be installed by a knowledgeable Entity and defined "certified to install" by the specified materials manufacturers. The specifications and recommendations of the manufacturer whose materials are used shall be strictly adhered to during the application or installation of materials.
- K. Any additional work beyond that specified or illustrated, or any modification thereto, that is necessary for the furnishing of guarantee shall be provided by the Entity without additional cost to the District.

1.04 REFERENCES

- A. Conform to reference standards by date of issue current on date of the Construction Documents.
- B. Should specified reference standards conflict with Construction Documents, request clarification from Architect before proceeding.
- C. The contractual relationship of the parties to the Contract shall not be altered from the Construction Documents by mention or inference otherwise in any reference document.
- D. The Entity shall be responsible for being current and knowledgeable of all building codes involved for all trades under his direction.
- E. Provide all work and materials in full accordance with the California Building Standards Administrative Code , the California Building Code (CBC), California Electrical Code (CEC), California Mechanical Code (CMC), California Plumbing Code (CPC), California Energy Code, California Fire Code (CFC), California Referenced Standards, State Fire Marshal Regulations, Cal/OSHA, and any other applicable laws or regulations. Nothing in these plans or specifications is to be construed to permit work not conforming to these Codes.

- 1
2 F. Furnish without extra charge any additional material and labor required to comply with these
3 Rules and Regulations.
4

5 1.05 FIELD SAMPLES
6

- 7 A. Install field samples at the site as required by individual specifications Sections for review.
8
9 B. Acceptable samples represent a quality level for the Work.
10
11 C. Where field sample is specified in Individual Sections to be removed, clear area after field
12 sample has been accepted by Architect.
13

14 1.06 MOCK-UP
15

- 16 A. Assemble and erect specified items, with specified attachment and anchorage devices,
17 flashings, seals, and finishes.
18
19 B. Where mock-up is specified in Individual Sections to be removed, clear area after mock-up
20 has been accepted by Architect.
21

22 1.07 INSPECTION AND TESTING LABORATORY SERVICES
23

- 24 A. Owner will appoint, employ, and pay for services of an independent firm approved by the
25 Structural Engineer, Architect and *Division of the State Architect (DSA)* to perform
26 inspection and testing.
27
28 B. The Independent firm will perform inspections, tests, and other services specified in
29 Individual specification Sections and as required by the Architect.
30
31 C. Reports will be submitted by the independent firm to the Architect, in duplicate, indicating
32 observations and results of tests and indicating compliance or noncompliance with the
33 Construction Documents.
34
35 D. Cooperate with independent firm; furnish samples of materials, design mix, equipment, tools,
36 storage and assistance as requested.
37
38 1. Notify Architect and independent firm Twenty Four (24) hours prior to expected time
39 for operations requiring services.
40
41 2. Make arrangements with independent firm and pay for additional samples and tests
42 required for Entities use.
43
44 E. The special inspector shall perform inspection of all work to determine conformance with
45 these Standards.
46
47 1. Request for inspection must be made to the office of the special inspector a minimum
48 of twenty-four (24) hours in advance of the time the inspection is desired.

- 2. Underground work shall not be backfilled or covered until an inspection by the special inspector or its representative has been completed and the work approved. Any work that is covered without inspection shall be uncovered at the Entity's expense so an inspection can be made.
 - 3. The Engineer shall have access to the work at all times and shall be furnished every reasonable facility for ascertaining that the work done, materials used and workmanship performed are in accordance with the requirements of these Standards.
 - 4. Inspection of the work shall not relieve the Entity of any of its obligations to satisfactorily perform the work.
- F. Re-testing required because of non-conformance to specified requirements shall be performed by the same independent firm on instructions by the Architect. Payment for re-testing will be charged to the Entity by deducting inspection or testing charges from the Total Base Rent.
 - G. Project Inspector shall be employed by Owner and approved by Architect, Structural Engineer, and DSA.

1.08 MANUFACTURERS' FIELD SERVICES AND REPORTS

- A. Submit qualifications of observer to Architect thirty (30) days in advance of required observations.
- B. When specified in individual specification Sections, require material or Product suppliers or manufacturers to provide qualified staff personnel to observe site conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, test, adjust, and balance of equipment as applicable, and to initiate instructions when necessary.
- C. Individuals to report observations and site decisions or instructions given to applicators or installers that are supplemental or contrary to manufacturers' written instructions.
- D. Submit report in duplicate within thirty (30) days of observation to Architect for review.

PART 2 - PRODUCTS - Not Used

PART 3 - EXECUTION - Not Used

END OF SECTION

1 **Section 01 50 00 - TEMPORARY FACILITIES AND CONTROLS**

2
3 PART 1 - GENERAL

4
5 SECTION 1.01 WORK INCLUDED

6
7 Temporary Facilities and controls required for this Work include, but are not necessarily limited to:

- 8
9 1. Temporary water, power, light, and heat.
10 2. Field office and associated telephone and utilities.
11 3. Temporary weather protection.
12 4. Parking and storage areas.
13 5. Site fencing and security.
14 6. Sanitary facilities.
15 7. Dewatering.
16 8. Storm Water Run-Off Plan Compliance
17 9. Final and course of construction cleanup and removal of debris.

18
19 SECTION 1.02 TEMPORARY UTILITIES

20
21 General: Charges for the use of utility services other than those associated with individual field offices or
22 planned electrical service interruptions will be paid for by the District. Entity shall provide temporary
23 heating, or ventilating, or cooling when permanent services are interrupted due to performance of the Work.
24 Any planned interruption of permanent services, facilities, or operations must be coordinated with the
25 Owner's Representative.

26
27 Temporary Power:

28 Entity shall construct all temporary power facilities required to complete the Work and maintain in
29 accordance with Division of Industrial Safety "Electrical Safety Orders" (ESO), Public Utilities
30 Commission "Rules of Overhead Line Construction" (G.O. 95), and CAL-OSHA. Materials, devices
31 and equipment used for these facilities shall be in good and safe condition but need not be new.
32 Entity is responsible for the removal of the temporary power. Existing school electric outlets may be
33 utilized, if permitted by the District and authorized by the Owner's Representative. Any additional
34 power required shall be provided and paid for by the Entity.

35
36 Temporary Lighting:

37 Entity shall provide, maintain, and remove temporary lighting necessary to complete the Work.

38
39 Temporary Heat:

40 Entity shall provide, maintain, and remove temporary heat necessary to complete the Work.

41
42 Temporary Cooling:

43 Entity shall provide, maintain, and remove temporary cooling necessary to complete the Work.

44
45 Temporary Water:

46 Entity shall provide sufficient hose to carry water to every required part of construction and allow
47 use of water facilities to subcontractors engaged in the Work. Entity is also responsible for the
48 removal of the temporary water. Existing school water outlets may be utilized. Any additional water

1 required shall be provided by the Entity.

2
3 Temporary Telephone:

4 Entity shall provide its own telephone system. Use of District telephones will not be allowed.

5
6 Temporary Fire Protection:

7 Entity shall provide and maintain fire extinguishers and first aid kits in accordance with OSHA
8 requirements to be used in the event of an emergency.

9
10 Temporary Weather Protection:

11 Entity shall provide and maintain protection measures to ensure that damage(s) will not occur to
12 District property during course of construction.

13
14 Temporary Dewatering:

15 Entity shall provide and maintain a dewatering system as required to perform the Work. This
16 temporary dewatering system may, and should, be reviewed by the Architect and/or Owner's
17 Representative.

18
19 SECTION 1.03 FIELD OFFICE/STORAGE CONTAINERS

20
21 The Entity shall provide a temporary field office(s) of sufficient size to accommodate the Project Inspector
22 and District Representative. Locate field office(s)/storage container(s) for Entity's use as directed by
23 Owner's Representative. Upon completion of Work, Entity shall remove any and all temporary field
24 office(s) and storage container(s).

25
26 SECTION 1.04 PARKING OF VEHICLES

27
28 Entity shall assume **all** responsibility for job site vehicle parking of its and its subcontractor's vehicles.
29 Locations of parking shall be as directed by the District's Representative.

30
31 SECTION 1.05 STORAGE AND LAYDOWN AREAS

32
33 The Owner's Representative will coordinate use of available lay down areas. Only areas designated by
34 Owner's Representative can be used by Entity. Entity is responsible for providing its own fenced storage
35 facilities (trailers or cargo containers.)

36
37 SECTION 1.06 TEMPORARY SITE FENCING AND SECURITY

38
39 Entity shall provide and maintain temporary fencing surrounding the buildings and/or rooms under
40 construction, and staging areas. Set-up/relocation of temporary fencing shall be included for each phase of
41 work as shown on the Construction Schedule. Entity is responsible for the security of all equipment,
42 material, and completed construction items. Entity is also responsible for securing any breeches to existing
43 security system/building caused by its Work. Temporary measures may include watchman (allowable cost
44 from Construction Contingency), temporary doors, temporary alarm, etc.

45
46 SECTION 1.07 SANITARY FACILITIES

47 Entity shall provide sanitary toilet facilities for use of all Workers employed on Project, in accordance with
48 State and Local health departments. Use of District toilet facilities will not be allowed.

1 SECTION 1.08 CLEANUP AND REMOVAL OF DEBRIS

2
3 Entity shall assume all responsibility for cleanup and removal of debris created by the Work on a daily
4 basis. No community dumpsters will be provided. In the event unidentifiable job site clutter or debris
5 becomes a problem, at Owner’s Representative's request, Entity shall provide sufficient labor to be directed
6 by Owner’s Representative's personnel in a group cleanup effort. If Entity’s clean-up is found to be
7 deficient, the District may back charge the Entity for clean-up and/or withhold Lease Payments as
8 determined appropriate by the District.

9
10 SECTION 1.09 TEMPORARY CONSTRUCTION, EQUIPMENT AND PROTECTION

11
12 Entity shall provide, maintain and remove upon completion of Work, all temporary rigging, scaffolding,
13 hoisting equipment, rubbish chutes, ladders, barricades, lights and all other protective structures or devices
14 necessary for safety of Workers and public property as required to complete the Work.

15
16 Safety: Entity is responsible for the complete safety of district personnel, students, and the general public at
17 all times.

18
19 Walkways and barricades: If Entity's Work interferes with pedestrian traffic, provide pedestrian walkway
20 protection conforming to City standards and CAL OSHA requirements.

21
22 Access: Entity is responsible to maintain access to the buildings at all times. Temporary covered walkways
23 and/or barricades may be required.

24
25 Protection: Entity must protect all Workers and equipment from power lines by maintaining safe distances
26 and by providing protective devices where and as required by Industrial Safety Commission and CAL-
27 OSHA.

28
29 Temporary construction and equipment: All temporary construction and equipment shall conform to all
30 regulations, ordinances, laws and other requirements of State and any other authorities having jurisdiction
31 (including insurance companies), with regards to safety precautions, operations and fire hazards.

32
33 SECTION 1.10 STORM WATER RUN-OFF PLAN:

34
35 Entity shall implement, provide and maintain an erosion control and storm water pollution prevention plan
36 in accordance with all local agencies having jurisdiction.

37
38
39 SECTION 1.11 ACCESS TO SITE

40
41 Access to the site shall be as directed by the Owner District’s Representative.

42
43
44 END OF SECTION

1 **Section 01 71 23 - FIELD ENGINEERING & SURVEY CONTROLS**

2
3 PART 1 – GENERAL

4
5 1.01 SECTION INCLUDES

- 6
7 A. Entity to provide and pay for field engineering services required for the execution of Work, including,
8 but not limited to:
9
10 1. Survey Work required in execution of the Work scope.
11 2. Civil, structural or other professional engineering services specified, or required to execute Entity's
12 construction methods.
13
14 B. Provide field staking of site improvements included in the Work; identify existing survey reference
15 points and property line corner stakes indicated on Drawings.
16
17 C. Locate and be aware of all existing on-site utility lines and improvements.
18

19 1.02 QUALIFICATIONS OF SURVEYOR OR ENGINEER

- 20
21 A. Qualified California registered professional engineer or registered land surveyor, acceptable to Entity
22 and the District Representative.
23
24 B. Registered professional engineer of discipline required for specific service on Project, licensed in
25 State of California.
26

27 1.03 SUBMITTALS:

- 28 A. Submit name address, and license of surveyor and professional engineer to the District
29 Representative.
30

31 1.04 PROJECT SURVEY REQUIREMENTS

- 32
33 A. Establish and maintain lines and levels as necessary to locate and layout entire scope of Work.
34
35 B. Preserve and protect all on-site underground utilities lines and existing on-site improvements in the
36 area of construction.
37

38
39 END OF SECTION
40

1 **Section 01 73 29 - CUTTING AND PATCHING**

2
3 **PART 1 - GENERAL**

4
5 **1.01 SECTION INCLUDES**

- 6
7 A. Execute cutting, fitting or patching of Work, required to:
- 8 1. Make parts fit properly.
 - 9 2. Uncover Work to provide for installation of ill-timed Work.
 - 10 3. Remove and replace Work not conforming to requirements of Contract Documents.
 - 11 4. Remove and replace defective Work.
 - 12 5. Remove samples of installed Work as specified for testing.
 - 13 6. Remove existing materials (demolition) required prior to installation of specified Work.
 - 14 7. Uncover Work to provide for Architect's observation of covered Work.
- 15
16 B. Do not endanger structural integrity of any Work by cutting or altering any part of it.
- 17
18 C. The subcontractor with structural responsibility within their scope of Work shall solely execute
19 structural cutting and patching required for this Project, according to DSA Approved Drawings.
- 20
21 D. Minor cutting and patching of finishes and/or trim will be performed by the subcontractor where
22 required for the execution of their Work. Locations of all cutting and patching (core boring, etc.)
23 shall be reviewed and approved by the Architect prior to the start of Work.
- 24
25 E. The Entity and its subcontractor shall make the field measurements necessary for its Work and be
26 responsible for its accuracy. Also, should any structural difficulties prevent a subcontractor from
27 installing its material properly, the District Representative and Architect shall be notified in writing
28 within 24 hours. Cutting into the walls, ceilings and floors, if necessary, shall be carefully and neatly
29 performed and then be repaired as specified in the Contract Documents. The Architect shall be
30 consulted prior to the start of Work in all cases where cutting into a structural portion of the building
31 is either desirable or necessary so that satisfactory reinforcement may be provided.
- 32
33 F. Patching of all exposed architectural finishes shall be performed under the supervision of the
34 Inspector. Cutting and patching of existing architectural finishes shall be minimized to the extent
35 possible through careful routing and placement of new Work. The Architect or Inspector shall have
36 the authority to reject substandard or unacceptable patching.
- 37
38 G. Patching of openings that are cut in any fire rated walls or membranes shall be sealed tightly using
39 approved materials only. Verify that fire rating envelopes are maintained and inspections provided
40 prior to concealing Work. Cutting and patching, if required by Agencies to verify adequacy of
41 protection after concealment, shall be performed at no cost to the District.

42
43 **1.02 RELATED SECTIONS**

- 44
45 A. Section Exhibit D - General Conditions.
- 46
47 B. Section 01 35 16 - Alteration Project Procedures.
- 48

- 1 C. Section 01 45 00 - Quality Control.
- 2
- 3 D. Section 01 50 00 Temporary Facilities and Controls.
- 4
- 5 E. Section 02 41 00 - Minor Demolition For Remodeling.
- 6

7 1.03 SUBMITTALS

8

- 9 A. Prior to cutting which affects structural safety of Project, submit written notice to Architect
10 requesting consent to proceed with cutting. See items “C” and “E”, Section 1.01.
11
- 12 B. Should conditions of Work or schedule require change of materials or methods, submit written
13 recommendation to Architect, within 48 hours, including:
14 1. Conditions requiring change.
15 2. Recommendations for alternative materials or methods.
16 3. Submittals as required for substitutions.
17 4. Quotations of charges or credits.
18
- 19 C. Submit 48-hour advance written notice to Architect (with a copy to the District Representative)
20 designating the time Work will be uncovered.
21
- 22 D. Submit all materials to be used in cutting and patching in accordance with Exhibit D – General
23 Conditions.
24

25 PART 2 - PRODUCTS

26

27 2.01 MATERIALS

28

- 29
- 30 A. Primary Products: Materials for replacement of Work removed are to comply with Technical
31 Specifications and are required to match original installation.
32
- 33 B. Product Substitution: For any proposed change in materials, submit request for substitution in
34 accordance with Exhibit D – General Conditions.
35

36 PART 3 - EXECUTION

37

38 3.01 EXAMINATION

39

- 40
- 41 A. Examine existing conditions prior to commencing Work, including elements subject to movement or
42 damage during cutting and patching.
43
- 44 B. After uncovering existing Work, examine conditions affecting installation of new products and
45 performance of Work.
46
- 47 C. Beginning of cutting or patching operations means acceptance of existing conditions.
48

1 3.02 PREPARATION
2

- 3 A. Provide means of shoring, bracing and temporary supports as required to maintain structural
4 integrity of the Work.
- 5
- 6 B. Provide devices, enclosures and methods to protect adjacent surfaces and areas of the property from
7 damage, dust or disruption.
- 8
- 9 C. Provide protection from the elements for areas, which may be exposed during cutting or patching.
- 10
- 11 D. Maintain excavations free of water.
- 12

13 3.03 CUTTING
14

- 15 A. Execute cutting, fitting and adjustment of products to permit finished installation to comply with
16 specified tolerances and finishes.
- 17
- 18 B. Perform cutting and demolition by methods, which will prevent damage to other Work, and will
19 provide proper surfaces to receive installation of repairs and new Work.
- 20
- 21 C. Uncover Work to install improperly sequenced Work.
- 22
- 23 D. Remove and replace defective, rejected or non-conforming Work.
- 24
- 25 E. Remove samples of installed Work for testing when requested.
- 26
- 27 F. Provide openings in the Work for penetration of Mechanical and Electrical Work.
- 28
- 29 G. Employ only experienced installers to perform cutting for weather exposed, moisture resistant and
30 sight-exposed surfaces.
- 31
- 32 H. Cut concrete, tile plaster and other rigid materials using masonry/concrete saws and core drills.
33 Pneumatic tools are not allowed without prior approval.
- 34

35 3.04 PATCHING
36

- 37 A. Execute patching to match adjacent Work.
- 38
- 39 B. Fit products together to integrate seamlessly with adjacent Work.
- 40
- 41 C. Execute patching by methods to avoid damage to adjacent Work, and which will provide appropriate
42 surfaces to receive finishing Work.
- 43
- 44 D. Employ only experienced installers to perform patching for weather exposed, moisture resistant and
45 sight-exposed surfaces.
- 46
- 47 E. Restore Work with new products in accordance with requirements of the Contract Documents.
- 48

- 1 F. At penetrations of fire rated walls, partitions, ceiling or floor construction, completely seal voids
2 with approved fire rated material in accordance with the manufacturers installation instructions and
3 applicable Codes.
- 4
- 5 G. Fit Work to pipes, sleeves, ducts, conduits and other penetrations through affected surfaces neatly
6 and leave in finished condition.
- 7
- 8 H. All patched surfaces are to match adjacent finishes in all respects: Type, texture, thickness and
9 color. For continuous surfaces, refinish to nearest intersection or natural break. For an assembly,
10 refinish entire unit or area.

11
12 END OF SECTION
13
14

1 **Section 01 74 23 – FINAL CLEANING**

2
3 PART 1 - GENERAL

4
5 1.01 SUMMARY

6
7 1. Entity is responsible for daily cleanup and a final cleaning prior to occupancy and
8 prior to acceptance of the Project by the District. This section only addresses the final
9 cleaning required prior to punch listing and occupancy.

10
11 2. Cleaning Program:

- 12
13 ▪ The cleaning program shall include all construction areas and surrounding areas
14 affected by the construction including site, exteriors of buildings / structures, roofs
15 and interior of buildings.
- 16 ▪ The areas to be cleaned shall be turned over to the owner in a "move-in" condition.
- 17 ▪ All areas shall be free of all construction materials, dust, debris, markings and dirt.
- 18 ▪ All surfaces shall be washed, cleaned and cleared of markings.
- 19 ▪ All existing and new fixtures shall be cleaned, sanitized and ready for use.
- 20 ▪ Only if directed by the District, new and existing hard surface floors will be stripped
21 and waxed.

22
23 1.02 PROJECT CONDITIONS

24
25 1. Comply fully with Federal and local environmental and antipollution regulations.

- 26
27 ▪ Do not dispose of volatile wastes, such as mineral spirits, oil, or paint thinner, in
28 storm or sanitary drains.
- 29 ▪ Burning or burying of debris, rubbish, or other waste material on the premises is not
30 permitted.

31
32 1.03 PRODUCTS

33
34 A. MATERIALS AND METHODS

35
36 1. Use cleaning materials and methods which will not create hazards to health or
37 property or cause damage to products and which are recommended by manufacturers of
38 products to be cleaned.

39
40 1.04 EXECUTION

41
42 A. FINAL CLEANING

43
44 1. General: Provide final cleaning operations. Employ experienced workers or
45 professional cleaners for final cleaning. Clean each surface or unit of Work to the condition
46 expected from a commercial building cleaning and maintenance program. Comply with
47 manufacturer's instructions.

1 2. Complete the following cleaning operations before requesting inspection for
2 certification of Substantial Completion for the entire Project or a portion of the Project.
3

- 4 ▪ Clean the Project Site, yard and grounds, in areas disturbed by construction activities,
5 including landscape development areas, of rubbish, waste material, litter, and foreign
6 substances.
- 7 ▪ Sweep paved areas broom clean. Rake grounds that are neither planted nor paved to a
8 smooth, even-textured surface.
- 9 ▪ Remove petrochemical spills, stains, and other foreign deposits.
- 10 ▪ Remove tools, construction equipment, machinery, and surplus material from the site.
- 11 ▪ Clean exposed exterior and interior hard-surfaced finishes to a dirt-free condition,
12 free of stains, films, and similar foreign substances. Avoid disturbing natural
13 weathering of exterior surfaces. Restore reflective surfaces to their original
14 condition.
- 15 ▪ All walls not newly painted shall be washed to clean readily removable dirt,
16 markings, dust, and grime.
- 17 ▪ Remove debris and surface dust from limited access spaces, including roofs, attics
18 and similar spaces.
- 19 ▪ To the extent directed by the District, existing floors shall be thoroughly stripped of
20 old wax and have at least four (4) coats of a combination wax/sealer, or two (2) coats
21 of sealer and four (4) coats of wax. Entity shall submit for prior approval
22 manufacturer's information on floor finish to be applied. All new floors shall have
23 their factory seal stripped off and shall have a floor finish applied according to the
24 recommendations of the manufacturer.
- 25 ▪ New carpeted areas shall be thoroughly vacuumed, including edges. Any spotting
26 during construction shall be removed. Existing carpeted areas shall be thoroughly
27 shampooed.
- 28 ▪ Clean transparent materials, including mirrors and glass in doors and windows.
29 Remove glazing compounds and other substances that are noticeable vision obscuring
30 materials. Replace chipped or broken glass and other damaged transparent materials.
31 Polish mirrors and glass, taking care not to scratch surfaces. Clean interior and
32 exterior of all windows.
- 33 ▪ Clean all Toilet Rooms thoroughly and sanitized. All wall surfaces shall be free of
34 grime, dirt, dust, markings and graffiti. All mirrors, fixtures, and partitions will be
35 cleaned free of dirt and markings.
- 36 ▪ Scrub and seal all ceramic and terrazzo floors and walls.
- 37 ▪ Remove labels that are not permanent labels.
- 38 ▪ Touch up and otherwise repair and restore marred, exposed finishes and surfaces.
39 Replace finishes and surfaces that cannot be satisfactorily repaired or restored or that
40 already show evidence of repair or restoration.
- 41 ▪ Wipe surfaces of mechanical and electrical equipment, elevator equipment, and
42 similar equipment. Remove excess lubrication, paint and mortar droppings, and other
43 foreign substances.
- 44 ▪ Clean plumbing fixtures to a sanitary condition, free of stains, including stains
45 resulting from water exposure.
- 46 ▪ Replace disposable air filters and clean permanent air filters. Clean all exposed
47 surfaces of diffusers, registers, and grilles.

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- Clean ducts, blowers, and coils if units were operated without filters during construction.
- Clean light fixtures, lamps, globes, and reflectors to function with full efficiency. Replace burned out bulbs; defective and noisy starters in fluorescent fixtures, and defective dimming switches.
- Leave the Project clean and ready for occupancy.

3. Removal of Protection: Remove temporary protection and facilities installed during construction to protect previously completed installations during the remainder of the construction period. Repair any damage from removal.

4. Compliances: Comply with governing regulations and safety standards for cleaning operations. Remove waste materials from the site and dispose of lawfully.

Where extra materials of value remain after completion of associated Work, they become the Owner's property. Dispose of these materials as directed by the Owner.

END OF SECTION

1 **SECTION 01 91 13 GENERAL COMMISSIONING REQUIREMENTS**

2
3
4 PART 1 – GENERAL

5
6 1.01 RELATED DOCUMENTS

- 7
8 A. Drawings and general provisions of the Contract, including General and Supplementary
9 Conditions and other Division Specification Sections, apply to this Section.

10
11 1.02 SUMMARY

- 12
13 A. This Section includes general commissioning processes and requirements that apply to the
14 implementation of commissioning. Commissioning is a process of review and verification of
15 specific building systems consisting of design and submittal reviews, contractor completed
16 installation checklists, verification of Test and Balance values, and contractor performed
17 functional testing which are all reviewed or witnessed by the CxA.

- 18
19 B. Related Sections include the following:

20
21 District does not apply for CHPS due to expense.

- 22
23 1. Section 03 31 00: Structural Concrete
24
25 2. Section 07 21 00: Building Insulation
26
27 3. Section 07 25 00: Weather Barriers
28
29 4. Section 07 54 19: Single Ply Roofing System
30
31 5. Section 07 62 00: Sheet Metal Flashing and Trim
32
33 6. Section 07 70 00: Roof Specialties and Accessories
34
35 7. Section 08 80 00: Glazing
36
37 8. Section 22 05 93: Testing, Adjusting and Balancing for Plumbing.
38
39 9. Section 23 05 93: Testing, Adjusting and Balancing for HVAC.
40
41 10. Section 23 05 50: Basic Mechanical Materials & Methods.
42
43 11. Section 23 09 23: Energy Management System Design Build.
44
45 12. Section 26 82 00: Lighting Controls
46
47 13. Section 32 80 00: Irrigation
48

1 1.03 DEFINITIONS
2

- 3 A. Basis of Design (BoD) document: A document that records concepts, calculations, decisions,
4 and product selections used to meet the OPR and to satisfy applicable regulatory
5 requirements, standards, and guidelines. The document includes both narrative descriptions
6 and lists of individual items that support the design process.
7
- 8 B. Building Envelope: All parts for the exterior shell of a building that provide insulation and
9 air and water resistance such as roofing, windows, flashing, exterior wall cladding, ground
10 contact waterproofing, etc.
11
- 12 C. Commissioning: - A process to verify that the identified project systems perform as defined
13 in the approved project documents.
14
- 15 D. CxA: Commissioning Authority.
16
- 17 E. Owner's Project Requirements (OPR): A collection of documents that details the functional
18 requirements of Project and expectations of how it will be used and operated. This document
19 includes Project and design goals, measurable performance criteria, budgets, schedules,
20 success criteria, and supporting information.
21
- 22 F. Owner-Sacramento City Unified School District or designated representative.
23
- 24 G. Systems, Subsystems, and Equipment: Where these terms are used together or separately,
25 they shall mean "as-built" systems, subsystems, and equipment.
26
- 27 H. TAB: Testing, Adjusting, and Balancing.
28

29 1.04 COMMISSIONING TEAM
30

- 31 A. A project team created to coordinate the commissioning effort that coordinates and
32 communicates with the rest of the project team, attend meetings, and solve problems. This
33 team includes representatives from the contractor, subcontractors and owner.
34
- 35 B. The prime contractor shall in addition to their representative also appoint a representative
36 from each subcontractor involved in commissioned systems including mechanical, electrical,
37 controls, Test and Balance, plumbing, building envelope, low voltage systems, etc.
38
- 39 C. The owner shall appoint the CxA, facility operations and maintenance, and architect and
40 design members to the commissioning team.
41

42 1.05 OWNER'S RESPONSIBILITIES
43

- 44 A. Participate in resolution of issues that may occur as a result of the commissioning process.
45
46
47
48

- B. Assign operation and maintenance personnel and schedule them to participate in commissioning team activities including, but not limited to, the following:
 - 1. Coordination meetings.
 - 2. Training in operation and maintenance of systems, subsystems, and equipment.
 - 3. Testing meetings.
 - 4. Demonstration of operation of systems, subsystems, and equipment.

1.06 CONTRACTOR'S AND SUBCONTRACTOR'S RESPONSIBILITIES

- A. Provide utility services required for the commissioning process.
- B. Schedule and perform building enclosure testing specified as the contractor's responsibility. Coordinate testing with the architect and CxA.
- C. Provide access to building enclosure testing locations as defined by the building enclosure test plan.
- D. Provide boom lift with operator, scaffold, power and hose bibb at testing locations performed by the CxA and defined by the building enclosure test plan.
- E. Contractor is responsible for construction means, methods, job safety, or management function related to commissioning on the job site.
- F. Contractor shall assign representatives with expertise and authority to act on behalf of the Contractor and schedule them to participate in and perform commissioning team activities including, but not limited to, the following:
 - 1. Participate in construction-phase commissioning meetings including controls coordination meeting to review and resolve any issues with the sequence of operations.
 - 2. Participate in maintenance orientation and inspection.
 - 3. Participate in operation and maintenance training sessions.
 - 4. Certify that Work is complete, and systems are operational according to the Contract Documents, including calibration of instrumentation and controls.
 - 5. Perform quality control of all work and certify it is complete prior to request for inspection.
- G. Evaluate performance deficiencies identified in test reports and, in collaboration with entity responsible for system and equipment installation, recommend corrective action.

- 1 H. Contractor shall integrate all commissioning activities into Contractor’s master construction
2 schedule. See Exhibit A of this specification section.
3
- 4 I. Subcontractors shall assign representatives with expertise and authority to act on behalf of
5 subcontractors and schedule them to participate in and perform commissioning team
6 activities including, but not limited to, the following:
7
- 8 1. Participate in construction-phase coordination meetings.
 - 9 2. Participate in maintenance orientation and inspection.
 - 10 3. Complete pre-functional checklists for all equipment. Submit completed forms with
11 start-up reports immediately after start up.
 - 12 4. Complete building enclosure construction checklists as required throughout the
13 installation of building enclosure systems as identified. Submit completed forms
14 upon installation completion of each building enclosure system.
 - 15 5. Schedule and perform building enclosure testing as specified in the technical
16 specification sections with CxA as witness.
 - 17 6. Schedule and perform duct air leakage testing as specified in the technical
18 specification sections with CxA as witness. Duct leakage testing required for ducted
19 systems over 3-inch water column static pressure.
 - 20 7. Provide flushing plans, disinfection reports and water treatment reports to the CxA
21 for review.
 - 22 8. Participate in pre-TAB meeting and jobsite inspections to verify TAB readiness.
 - 23 9. Provide draft completed TAB report to CxA for review. CxA will identify up to 20%
24 of TAB report for TAB contractor to demonstrate compliance to the completed TAB
25 report.
 - 26 10. Participate in procedures meeting for testing.
 - 27 11. Perform point-to-point, calibration and checkout of the building automation system
28 and provide completed report to the CxA for review.
 - 29 12. Participate in final review at acceptance meeting.
 - 30 13. Provide schedule for operation and maintenance data submittals, equipment startup,
31 and testing to CxA for incorporation into the commissioning plan. Update schedule
32 on a weekly basis throughout the construction period.
 - 33 14. Provide information to the CxA for developing construction-phase commissioning
34 plan.
 - 35 15. Participate in training sessions for operation and maintenance personnel.

16. Verify that all systems function correctly by testing each mode of operation, alarm and system function.
17. Gather and submit operation and maintenance data for systems, subsystems, and equipment to the CxA, as specified.
18. Perform quality control of all work and certify it is complete prior to request for observation and or testing.
19. Complete and sign Systems Functional Testing Readiness Certification and Notification Letter for Commissioning and provide to CxA (See Exhibit B of this specification section).
20. Provide technicians who are familiar with the construction and operation of installed systems and who shall develop specific test procedures and participate in testing of installed systems, subsystems, and equipment.
21. Perform seasonal testing, at the direction of the CxA, to prove functional performance of the HVAC and controls in the opposite season.

1.07 ARCHITECT AND DESIGN ENGINEER RESPONSIBILITIES

- A. Responsible for developing the construction contract documents and clarifying the design intent during the construction phase of the project.
- B. Performs construction observation.
- C. Contracted directly to District.
- D. Coordinate with the CxA specified building enclosure test plans developed by the architect and or CxA.

1.08 CXA'S RESPONSIBILITIES

- A. Organize and lead the commissioning team.
- B. Prepare a Commissioning Plan. Collaborate with design team, owner, contractor and subcontractors to develop test and inspection procedures. Identify commissioning team member responsibilities, by name, firm, and trade specialty, for performance of each commissioning task.
- C. Work with the Contractor to schedule commissioning activities. The Contractor shall integrate all commissioning activities into the master construction schedule. All parties will address scheduling issues in a timely manner in order to expedite the commissioning process.
- D. Review and comment on submittals for compliance with the approved project documents and identify any potential conflicts.

- 1
2 E. Conduct commissioning team meetings for the purpose of coordination, communication, and
3 conflict resolution; discuss progress of the commissioning processes. The CxA shall prepare
4 and distribute minutes to commissioning team members and attendees within five (5)
5 workdays of the commissioning meeting.
6
7 F. At the beginning of the construction phase, conduct an initial construction-phase
8 coordination meeting for the purpose of reviewing the commissioning activities and
9 establishing tentative schedules for permanent power; operation and maintenance data
10 submittals; operation and maintenance training sessions; TAB Work; and Project completion.
11
12 G. Periodically observe and inspect construction and report progress and deficiencies. In
13 addition to compliance with the Contract Documents, inspect systems and equipment
14 installation for adequate accessibility for maintenance and component replacement or repair.
15
16 H. Prepare Project-specific pre-functional checklists, functional test procedures checklists and
17 building enclosure construction checklists.
18
19 I. Compile test data, inspection reports, and certificates and include them in the systems manual
20 and commissioning report.
21
22 J. Review and comment on operation and maintenance documentation for compliance with the
23 Contract Documents. Operation and maintenance documentation requirements are specified
24 in Division 01 Section "Operation and Maintenance Data."
25
26 K. Review Contractor's operation and maintenance training program. Operation and
27 maintenance training is specified in Division 01 Section "Demonstration and Training."
28
29 L. Prepare commissioning status reports.
30
31 M. Assemble the final commissioning documentation, including the Commissioning Report
32 including applicable Project Record Documents.
33

34 1.09 COMMISSIONING DOCUMENTATION

- 35
36 A. Commissioning Plan: A document, prepared by CxA, that outlines the process, schedule,
37 allocation of resources, and documentation requirements of the commissioning effort, and
38 shall include, but is not limited to the following:
39
40 1. Description of the organization, layout, and content of commissioning documentation
41 to be provided along with identification of responsible parties.
42
43 2. Identification of systems and equipment to be commissioned.
44
45 3. Description of the level of commissioning for each system and define levels of
46 commissioning.
47
48 4. Description of schedules for testing procedures along with identification of parties

- 1 involved in performing and verifying tests.
- 2
- 3 5. Identification of items that must be completed before the next operation can proceed.
- 4
- 5 6. Description of responsibilities of commissioning team members.
- 6
- 7 7. Description of observations to be made.
- 8
- 9 8. Description of requirements for operation and maintenance training, including
- 10 required training materials.
- 11
- 12 9. Provide a schedule for commissioning activities with specific dates coordinated with
- 13 overall construction schedule.
- 14
- 15 10. Define the process for completing pre functional and startup checklists for systems,
- 16 subsystems, and list of specific equipment requiring these checklists.
- 17
- 18 11. Include Step-by-step procedures for Functional testing systems, subsystems, and
- 19 equipment with descriptions for methods of verifying relevant data, recording the
- 20 results obtained, and listing parties involved in performing and verifying tests. Meet
- 21 Title-24 minimum functional requirements only.
- 22

- 23 B. Pre-Functional Checklists: CxA shall develop pre-functional checklists for all equipment to
- 24 be commissioned.
- 25
- 26 C. Functional Performance Testing: CxA shall develop functional performance test procedures
- 27 for all equipment and systems to be commissioned that meet Title-24 minimum requirements
- 28 only.
- 29
- 30 D. Building Enclosure Construction Checklists: CxA shall develop BECx checklists for the
- 31 installation and verification of procedures.
- 32
- 33 E. BECx Test Plan: CxA shall develop building enclosure tests plans as specified. If test plans
- 34 are developed by the architect CxA shall review and provide comments as required.
- 35
- 36 D. Site Visit Reports: CxA shall record test data, observations, and measurements on site visit
- 37 forms. Photographs and other means appropriate for the application shall be included with
- 38 data.
- 39
- 40 E. Test and Inspection Reports: CxA shall compile test and inspection reports and test and
- 41 inspection certificates and include them in systems manual and commissioning report.
- 42 F. Commissioning Schedule: CxA shall review and provide input to the master project and
- 43 construction schedules for commissioning activities.
- 44
- 45 G. Issues Log: CxA shall prepare and maintain an issues log that describes installation, and
- 46 performance issues that are at variance with the Contract Documents. CxA will identify and
- 47 track issues as they are encountered, documenting the status of unresolved and resolved
- 48 issues.

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1. Creating an Issues Log Entry:
 - a. Identify the issue with unique numeric or alphanumeric identifier by which the issue may be tracked.
 - b. Assign a descriptive title of the issue.
 - c. Identify issue date.
 - d. Identify test number of test being performed at the time of the observation, if applicable, for cross-reference.
 - e. Identify system, subsystem, and equipment to which the issue applies.
 - f. Identify location of system, subsystem, and equipment.
 - g. Include information that may be helpful in diagnosing or evaluating the issue.
 - h. Note recommended corrective action.
 - i. Identify commissioning team member responsible for corrective action.
 - j. Identify expected date of correction.
 - k. Identify person documenting the issue.
 - l. List the issue's code and contract document reference, i.e., specification or plan sheet location.
2. Documenting Issue Resolution:
 - a. Log date correction is completed or the issue is resolved.
 - b. Describe corrective action or resolution taken. Include description of diagnostic steps taken to determine root cause of the issue, if any.
 - c. Identify changes to the Contract Documents that may require action, if any.
 - d. State that correction was completed, and system, subsystem, and equipment are ready for retest, if applicable.
 - e. Identify person(s) who corrected or resolved the issue.
 - f. Identify person(s) documenting the issue resolution.
 - g. Identify RFI or ASI references to the issue resolution.

1
2 G. Commissioning Report: CxA shall document results of the commissioning process including
3 performance of systems, subsystems, equipment and issues. The commissioning report shall
4 indicate whether systems, subsystems, and equipment have been completed and are
5 performing according to the OPR, BoD and Contract Documents. The commissioning report
6 shall include, but is not limited to, the following:
7

- 8 1. Discussion of performance of commissioned systems including any variance from
9 OPR, BOD and the Contract Documents; record of conditions; and, if appropriate,
10 recommendations for resolution. This report shall be used to evaluate systems,
11 subsystems, and equipment and shall serve as a future reference document during
12 District occupancy and operation. It may also include a recommendation for
13 accepting or rejecting systems, subsystems, and equipment.
14
- 15 2. Commissioning Plan. (Define the plan for this project.)
16
- 17 3. Testing plans and reports. (Title-24 MCH-XXX and Electrical functional tests only.)
18
- 19 4. Issues log.
20
- 21 5. Completed test checklists.
22
- 23 6. Listing of off-season test(s) not performed and a schedule for their completion.
24

25 H. Systems Manual: CxA shall gather required information and compile systems manual.
26 Systems manual shall include, but is not limited to, the following:
27

- 28 1. As-built system narratives, schematics, and list of installed equipment, including;
29 Building Envelope, HVAC, Laboratory HVAC, Fire Protection and Alarm, Irrigation
30 Control, Power and Lighting Controls installed schematics.
31
- 32 2. Operation and maintenance manuals.
33

34 1.10 CXA SUBMITTALS 35

- 36 A. Commissioning Plan: CxA shall submit a draft commissioning plan. Deliver one copy to
37 Contractor and one to District. Present submittal in sufficient detail to evaluate data
38 collection and arrangement process. One copy, with review comments, will be returned to
39 the CxA for preparation of the final commissioning plan.
40
- 41 B. Pre functional Checklists: CxA shall submit sample checklists and forms to Contractor and
42 subcontractors for review and comment.
43
- 44 C. Functional Test Plan: CxA shall submit draft Functional Test Plan and checklists for
45 comment. The final Functional Test Plan will be submitted and used for functional testing.
46 Submit the Title-24 required functional tests.
47
- 48 D. Site visit reports: CxA shall submit site visit reports as they are created.

- 1
2 E. Final Commissioning Report: CxA shall submit the draft commissioning report. One copy,
3 with review comments, will be returned to the CxA for preparation of final submittal. The
4 final report submittal must address previous review comments.
5

6 1.11 COORDINATION
7

- 8 A. Coordinating Meetings: CxA shall conduct coordination meetings of the commissioning
9 team as needed to review progress on the commissioning plan, to discuss scheduling
10 conflicts, and to discuss upcoming commissioning process activities.
11
12 B. Pretesting Meetings: CxA shall conduct pretest meetings with the commissioning team to
13 review startup reports, coordinate controls sequence of operations, review pretest inspection
14 results, review testing and balancing procedures, review testing personnel and
15 instrumentation requirements, and manufacturers' authorized service representative services
16 for each system, subsystem, equipment, and component to be tested.
17
18 C. Testing Coordination: CxA shall coordinate with the OWNER and Contractor to plan the
19 sequence of testing activities to accommodate required quality-assurance and -control
20 services with a minimum of delay and to avoid necessity of removing and replacing
21 construction to accommodate testing and inspecting.
22
23 1. Schedule times for tests, inspections, obtaining samples, and similar activities.
24
25

26 PART 2 - PRODUCTS (Not Used)
27
28

29 PART 3 – EXECUTION
30

31 3.01 BUILDING ENCLOSURE CONSTRUCTION CHECKLISTS
32

- 33 A. Building Enclosure Construction Checklists are developed by the CxA and completed by the
34 appropriate installing contractors for all major building enclosure systems being
35 commissioned. The checklists are to be completed during the installation phase of each
36 system. These checklists are to ensure that each building enclosure system is being installed
37 according to the specified installation standards. The building enclosure checklists are in
38 addition to the manufacturer's installation checklists and DO NOT replace the
39 manufacturer's installation checklists. The Contractor and vendors shall also execute
40 manufacturer's installation check provide CxA with a copy of the signed and dated
41 completed checklists which will be submitted with the Building Enclosure Construction
42 Checklists.
43
44 B Execution of Building Enclosure Construction Checklists
45
46 1. Construction checklists will be provided to the project site by the CxA.
47
48 2. The contractor shall maintain a master copy of signed checklists.

3. The installing contractors shall update the checklists as work is completed. Only individuals that have direct knowledge and witnessed that a line item task on the pre-functional checklist was actually performed shall initial or check that item off.
4. The CxA will periodically review the checklists for completeness and report on progress at the Cx meetings.

3.02 PRE-FUNCTIONAL CHECKLISTS AND FACTORY START UP REPORTS

- A. Pre-functional Checklists are developed by the CxA and completed by the appropriate installing contractors for all major equipment and systems being commissioned before functional testing can begin. The checklist captures equipment nameplate and characteristics data, confirming the as-built status of the equipment or system. These checklists also ensure that the systems are complete and operational, so that the functional performance testing can be scheduled. The Contractor and vendors shall execute factory startup and provide the CxA with a copy of the signed and dated completed start-up checklists which will be submitted with the Pre-Functional checklists.
- B. Execution of Pre-functional Checklists and Startup.
 1. Pre-Functional checklists will be provided to the project site by the CxA.
 2. The contractor shall maintain a master copy of signed checklists.
 3. The installing contractors shall update the checklists as work is completed. Only individuals that have direct knowledge and witnessed that a line item task on the pre-functional checklist was actually performed shall initial or check that item off.
 4. The CxA will periodically review the checklists for completeness and report on progress at the Cx meetings.
- C. Deficiencies, Non-Conformance and Approval in Checklists and Startup.
 1. The Contractor shall clearly list any outstanding items of the initial start-up and pre-functional procedures that were not completed successfully, at the bottom of the procedures form or on an attached sheet. The procedures form and any outstanding deficiencies are provided to the CxA within two days of test completion.
 2. The CxA reviews the report and reports to the District. The CxA shall work with the Contractor and vendors to correct and retest deficiencies or uncompleted items.

3.03 FUNCTIONAL PERFORMANCE TESTING

- A. Objectives and Scope. The objective of functional performance testing is to demonstrate that each system is operating according to the Contract Documents Title-24 test requirements. Each system will be tested to verify that the system response is as designed. HVAC and Laboratory systems will be checked for conformance to the design sequences of operation

1 and stable control, lighting control will be checked in each type of lighting area, and
2 irrigation control will be checked. Proper system responses to such conditions as power
3 failure, out of limit condition, equipment failure, etc. shall also be tested.
4

5 B. Early duct air leakage tests shall be performed to ensure green and building code compliance
6 to duct systems with over 3-inch w.c. static pressure. Point-to-point testing will be performed
7 by controls contractor on all applicable systems, with results given to CxA prior to functional
8 performance testing.
9

10 C. Development of Test Procedures: The test procedures are written by the CxA based upon the
11 final operational sequences from available project documentation. The CxA shall develop
12 specific test procedures and forms to verify and document proper operation of each system.
13 Prior to execution, the CxA shall provide a copy of the test procedures to the Contractor who
14 shall review the tests for feasibility, safety, equipment and warranty protection. The test
15 procedure checklists developed by the CxA shall include the following information:
16

- 17 1. System and equipment or component name(s).
- 18 2. Equipment location and ID number.
- 19 3. Date.
- 20 4. Project name.
- 21 5. Participating parties.
- 22 6. Reference to the specification section describing the test requirements, if applicable.
- 23 7. A copy of the specific sequence of operations.
- 24 8. Prerequisites for the test.
- 25 9. Special cautions, alarm limits, etc.
- 26 10. Specific step-by-step procedures to execute the test.
- 27 11. Acceptance criteria of proper performance with a Yes / No/NA check box.
- 28 12. A section for comments.

29 D. Test Methods.
30
31

- 32 1. Functional testing is performed by the contractors with the method and degree of
33 testing as defined in this specification for each system. Each function and test shall
34 be performed under conditions that simulate actual conditions as close as is
35 practically possible. The Contractor executing the test shall provide all necessary
36 materials, system modifications, etc. to produce the necessary flows, pressures,
37 temperatures, etc. necessary to execute the test according to the specified conditions.
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1 At completion of the test, the Contractor shall return all affected building equipment
2 and systems to their pre-test condition.

3
4 2. Multiple identical pieces of equipment may be functionally tested using a sampling
5 strategy. The sampling strategy will be defined in these specifications with the
6 commissioned systems list.

7
8 E. Coordination and Scheduling: The Contractor shall provide two weeks' notice to the CxA
9 regarding their completion schedule for the pre-functional checklists and startup of all
10 equipment and systems. The CxA will schedule functional tests through the District
11 Representative and Contractor. Problem Solving: The CxA will recommend solutions to
12 problems found; however, the burden of responsibility to solve, correct and retest problems is
13 with the Contractor and District's consultants.

14
15 3.04 OPERATION AND MAINTENANCE TRAINING REQUIREMENTS

- 16
17 A. Before the operation and maintenance training, CxA shall review training preparation for
18 compliance with project documents.
19
20 B. Training is required per contract specifications. At a minimum, training is required for
21 Mechanical, Lighting, Irrigation and Controls systems.
22
23 C. The CxA requires submission of training records including attendance lists to verify
24 appropriate people received the training.

25
26 3.05 COSTS OF COMMISSIONING WORK

- 27
28 A. The cost to the Contractor and Subcontractors to comply with the specified requirements and
29 to support the work of the CxA shall be included in the Contractor's and Subcontractor's bid
30 price.
31
32 B. If CxA arrives onsite, on the scheduled date for functional testing (as indicated on the
33 Systems Functional Testing Readiness Certification and Notification Letter for
34 Commissioning, see Exhibit B of this specification section) which cannot be
35 completed due to systems readiness failure, systems technician no-show, or other
36 circumstances not caused by CxA resulting in failed functional testing; it is understood
37 that the CxA's client (listed on Exhibit B) will be invoiced for expenses incurred by
38 CxA. The contractor also agrees to reimburse said client for incurred expenses. CxA
39 expenses will be invoiced as follows:
- 40 • Travel expenses as applicable

41
42 3.06 COMMISSIONED SYSTEMS

43

System	Equipment	Level
	Split system heat pumps	3
	Rooftop air conditioners	3
	Split system air conditioners	3

System	Equipment	Level
HVAC&R Systems	Make up air unit	3
	Kitchen exhaust system	3
	Test and balance report values	3
Building Management System	Sequences of operation, monitored points, and alarms	3
	Metering/monitoring devices and equipment	3
	Software commissioning, GUI presentation commissioning, system access performance criteria, software tools/source code commissioning, instrument data sheets, middleware commissioning, Internet Protocol commissioning	3
Building Envelope	Foundation/slab	3
	Exterior wall systems	3
	Roof systems	3
Electrical Systems	Scheduled lighting controls	3
	Day-light savings and dimming controls	3
	Lighting occupancy sensors	3
Plumbing Systems	Domestic water heaters	5
	Thermostatic mixing valves	5
Irrigation	Irrigation Controllers	2

A. Levels Defined:

Level 1 - The CxA will periodically observe and inspect the installation of equipment and systems and review project documentation (test reports) to verify operational requirements meet the contract documents.

Level 2 - The CxA will periodically observe and inspect the installation of equipment and systems and review project documentation (test reports). The CxA may spot check some of the system functions verify operational requirements are met.

Level 3 - The CxA will periodically observe and inspect the installation of equipment and systems and review project documentation (test reports) and will witness contractor performance testing of the system. Contractor shall test up to 20% of the system to prove operational requirements are met. The test sections shall be chosen at random by the CxA. Failure of any test section shall require retesting of that section and an additional test section equivalent in scope.

Level 4 - The CxA will periodically observe and inspect the installation of equipment and systems and review project documentation (test reports) and will witness contractor performance testing of the system. Contractor shall test up to 50% of the

1 system to prove operational requirements are met. The test sections shall be chosen at
2 random by the CxA. Failure of any test section shall require retesting of that section
3 and an additional test section equivalent in scope.
4

5 Level 5 - The CxA will periodically observe and inspect the installation of equipment
6 and systems and review project documentation (test reports) and will witness
7 contractor performance testing of the system. Contractor shall test up to 100% of the
8 system to prove operational requirements are met. The test sections shall be chosen at
9 random by the CxA. Failure of any test section shall require retesting of that section
10 and an additional test section equivalent in scope.
11

12 3.07 METHODS OF TESTING

13
14 A. HVAC&R Systems

- 15
- 16 1. Contractor will demonstrate to the CxA that the operation of each system through all
17 modes, alarms, and operating parameters meet the project specifications.
18
- 19 2. The TAB contractor will re-measure up to 25% of the final TAB Report for the CxA
20 to observe. The points to be verified will be selected by the CxA.
21

22 B. Building Management System

- 23
- 24 1. The Controls contractor will re-measure some of the points for the CxA to observe that
25 the calibration is correct. The points to be verified will be selected by the CxA.
26
- 27 2. All the user graphics interfaces and displayed operating points will be demonstrated
28 for the CxA by the contractor.
29
- 30 3. Controls contractor shall manipulate the system to demonstrate that it performs all the
31 specified modes of operation.
32
- 33 4. Points selected by the CxA will be trended by the Controls Contractor to verify
34 control operation and response.
35

36 C. Building Envelope

- 37 1. Specified building enclosure systems installation and testing is defined in each
38 applicable specification section. Specified installation and testing may include but
39 not limited to the following installation and testing standards:
40
- 41 a. Vapor Barrier Installation – ASTM E1643 – Standard Practice for Selection,
42 Design, Installation and Inspection of Water Vapor Retarders Used in Contact
43 with Earth or Granular Fill Under Concrete Slabs.
44
- 45 b. Insulation Installation Inspection – ASTM C1060-90 – Standard Practice for
46 Thermographic Inspection of Insulation Installations in Envelope Cavities of
47 Frame Buildings.
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- c. Windows and Curtain Wall Installation – ASTM E1105 – Standard Test Method for Field Determination of Water Penetration of Installed Window, Skylights, Doors and Curtain Walls by Uniform or Cyclic Static Air Pressure Difference.
- d. Dissimilar Enclosure Material Intersections – AAMA 501.2 – Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls and Sloped Glazing Systems.
- e. Exterior Sealants – ASTM C1193 – Standard Guide for Use of Joint Sealants, Appendix X1 – Method A, Field Applied Sealant Joint Hand Pull Tab.
- f. Horizontal Waterproofing Installation – ASTM D 5957 – Standard Guide for Flood Testing Horizontal Waterproofing Installations.

- 2. Copies of any required enclosure testing and test plans will be submitted to CxA for review and comment prior to performing any tests.
- 3. CxA will be notified 14 days prior to any scheduled building enclosure field tests allowing time for CxA to witness field tests, as required.

D. Electrical Systems

- 1. Upon completion of the lighting control installation and contractor testing the CxA will verify the performance of the system by witnessing its operation.
- 2. Upon completion of the uninterruptible power supply and contractor pretesting, the CxA will witness a Contractor test to verify complete system power loss and verify proper power provision of critical systems.

E. Plumbing

- 1. Domestic hot water will be tested by the CxA by measuring the hot water temperature at a percentage of the fixtures along with the time it takes to reach that temperature.
- 2. After receipt of completed prefunctional checklists and manufacturer’s authorized start-up reports, the CxA will test the shops, dental compressed air and vacuum systems for proper operation.

F. Irrigation

- 1. The CxA will witness the contractor demonstration of the irrigation controller.
- 2. The CxA will witness, verify and note the sequence of operation and timing of sequences.

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EXHIBIT E

INSURANCE REQUIREMENTS

Section I. Insurance.

The Entity shall obtain, and maintain during the entire Lease Term, and for any extended length of time identified under these requirements, all insurance required by Sections III and IV; Entity shall obtain, and maintain during the entire construction phase of Phase II of the Facilities Lease, all insurance required by Section VI. Certificates of Insurance and required endorsements, including but not limited to Additional Insured Endorsements and Waivers of Subrogation in favor of the District, the Architect, the Construction Manager, and any other District Consultants, and each of their officers, officials, directors, trustees, agents, employees and volunteers (herein after collectively referred to as “Additional Insureds”), **shall be delivered to the District a) within five (5) days of execution of the Facilities Lease by the District for insurance required by Sections III and IV and b) within five (5) days of issuance of the Notice to Proceed with Phase II for insurance required by Section VI. The Entity shall not commence work until all required insurance documentation has been submitted to and accepted by the District.** If the District requests copies of the Insurance Policy or Policies, the Entity agrees to provide certified copies within 30 days of the District’s request.

Every policy shall be endorsed or shall provide in the policy form to state that the policy shall not be canceled, materially reduced, or non-renewed without thirty (30) days prior written notice to District (ten [10] days for non-payment of premium).

Failure of Entity to maintain all required insurance as required during the Lease Term shall constitute a default entitling the District to all rights and remedies that exist under this Agreement and/or by law.

The insurance required in this agreement shall be with carriers, on forms, and in amounts acceptable to the District and shall be subject to the approval of the District. Any acceptance of insurance certificates by the District, however, shall in no way limit or relieve the Entity of duties and responsibilities in this agreement.

Section II. Effective Date of Policies.

The insurance required by Sections III and IV of this Exhibit shall be maintained by the Entity in full force and effect at all times during prosecution of the work and, in regards to the insurance required by Section IV, for the period of time the District may be held liable for the Entity’s work; evidence of such will be provided to the District for a period of time no less than five (5) years after the final completion and acceptance thereof by District. This requirement includes, but is not limited to, Entity’s obligation to maintain Products & Completed Operations coverage for itself and the Additional Insureds. The insurance required by Section VI of this Exhibit (Builder’s Risk) shall be maintained by the Entity in full force and effect from the time of Notice to Proceed with Phase II of the work until acceptance of the Project by the District.

Section III. Workers’ Compensation and Employers’ Liability Insurance.

In accordance with the provisions of Section 3700 of the Labor Code, the Entity, and each Subcontractor, shall secure the payment of compensation to its employees. The Entity and each Subcontractor shall provide Workers’ Compensation insurance and occupational disease insurance, as required by law, and Employer’s Liability insurance with minimum limits of \$1,000,000 covering all workplaces involved in the Construction Documents.

The Entity shall sign and file with the District the following certificate on the form provided by the District:

1 I am aware of the provisions of Section 3700 of the Labor Code which require every
2 employer to be insured against liability for workers' compensation or to undertake self-
3 insurance in accordance with the provisions of that Code, and I will comply with such
4 provisions before commencing the performance of the work of this Contract.
5

6 The Entity shall require each Subcontractor to file such statement prior to allowing that Subcontractor to
7 commence Work.
8

9 The Entity shall furnish a certificate of insurance or a certificate of permission to self-insure under the
10 Workers' Compensation and Employers' Liability Insurance statutes of the State of California. The
11 certificate shall provide that at least thirty (30) days' prior written notice (ten [10] days for non-payment of
12 premium) shall be served on District prior to the cancellation or change of such insurance or self-insurance.
13 Said certificate shall also include an endorsement evidencing that the insurer shall waive all rights of
14 subrogation against the District, the Architect, the Construction Manager, and any other District Consultants,
15 and each of their officers, officials, directors, trustees, agents, employees and volunteers. Such insurance
16 shall be delivered to the District Representative within five (5) days of being notified of the intent to award
17 the Contract, and before the District will execute the Facilities Lease.
18

19 With the exception of insurance provided by The State Compensation Insurance Fund of California,
20 insurance is to be placed with insurers approved by the State of California Department of Insurance or
21 otherwise authorized to transact insurance business in California and with a Bests' rating of no less than A-
22 VII.
23

24 Any deductibles or self-insured retentions must be declared to and approved by the District.
25

26 Section IV. Liability Insurance.

27 Insurance is to be placed with insurers approved by the State of California Department of Insurance to
28 transact insurance business in California and with a Bests' rating of no less than A- VII.
29

30 A. The Entity shall procure and maintain insurance on all of their operations with insurance companies and
31 on forms acceptable to District for the following minimum insurance coverages:
32

- 33 1. **Commercial General Liability** Occurrence form insurance policy (ISO CG 00 01 or equivalent)
34 covering all operations by or on behalf of Entity, not excluding coverage for:
 - 35 a. Premises and Operations
 - 36 b. Products and Completed Operations
 - 37 c. Contractual Liability insuring the obligations assumed by the Entity in this agreement
38 or Blanket Contractual Liability Coverage
 - 39 d. Broad Form Property Damage (including Completed Operations)
 - 40 e. Explosion, Collapse, Subsidence, and Underground Hazards
 - 41 f. Personal Injury Liability
42

43 **Commercial General Liability** Limits shall not be less than:

44
45 \$2,000,000 Each Occurrence (Combined Single Limit for Bodily Injury & Property Damage)
46 \$2,000,000 Personal Injury Liability Each Occurrence
47 \$4,000,000 Aggregate for Products and Completed Operations
48 \$4,000,000 General Aggregate

1 The required General Liability limits must be present on the primary General Liability policy
2 and cannot be met with Umbrella policy limits.
3

- 4 2. **Commercial Automobile Liability** insurance policy (ISO CA 00 01 or equivalent) covering Bodily
5 Injury, Property Damage and Contractual Liability coverage for “Any Auto” (Symbol 1) which
6 includes coverage for any owned, hired, borrowed and non-owned automobile, trailer, and equipment
7 coverage, with combined single limit of not less than \$1,000,000. The District and the “Additional
8 Insured” entities shall be named as additional insureds on a primary and non-contributory basis, with
9 subrogation rights waived against each.
10
- 11 3. **Umbrella Policy** The Entity shall have in place an Umbrella Policy in the amount of **\$20,000,000**
12 The policy shall be “Following Form” in excess of the above captioned policies and Workers’
13 Compensation Employer’s Liability. Evidence of this coverage shall be provided on the certificate of
14 insurance.
15
- 16 4. **Professional Liability** Should any work in the Entity’s contract contain any element of design or any
17 professional element that would not otherwise be covered under Entity’s General Liability policy,
18 Entity shall obtain at its own expense Professional Liability (Errors & Omissions) coverage to
19 protect, defend, and hold harmless the District and its officers, officials, directors, trustees, agents,
20 employees and volunteers from all claims arising out of the professional services provided by the
21 Entity under the Contract Documents. Entity’s policy shall have limits of not less than \$5,000,000
22 and shall agree to waive all rights of subrogation against the District and the “Additional Insured”
23 entities designated in this contract. Entity shall maintain coverage for this policy and retroactive
24 dates that will continue coverage for a period of at least five years from the completion of the project.
25 The District may require higher limits by written request.
26
- 27 5. **Pollution Liability** Should any work include any elements that may give rise to a Pollution claim, the
28 Entity shall be required to carry Pollution Liability coverage with limits no less than \$5,000,000 per
29 pollution event. The District may require higher limits by written request. The policy shall be
30 endorsed to include by name the “Additional Insureds,” as defined by Section I, as additional
31 insureds and shall include a waiver of subrogation endorsement in favor of the “Additional
32 Insureds.”
33
- 34 B. Additional coverages and/or limits may be required in the Facilities Lease. If the Facilities Lease requires
35 limits of General Liability and Automobile Liability insurance exceeding those stated above, the Entity
36 shall carry Umbrella Liability insurance providing excess coverage at least as broad as the underlying
37 coverage with a limit equal to the amount stated in the Facilities Lease.
38
- 39 C. Should Entity or any of its Subcontractors or Consultants maintain broader coverage and/or limits than
40 those listed in this contract, those limits/coverages are hereby required and shall be made available to the
41 District.
42
- 43 D. The following terms shall be included in the General Liability and Auto Liability insurance, either
44 within the policy or by endorsement:
45

- 1 1. General Liability policy shall be endorsed to include by name “Additional Insureds,” as
2 defined by Section I., as additional insureds (the General Liability endorsement shall be at least as
3 broad as ISO form CG 20 10 11 85), and shall provide coverage for Ongoing Operations as well as
4 Products & Completed Operations for the period of time the “Additional Insureds” may be held liable
5 for the Entity’s work, and shall state that these policies are primary and that any Insurance, Self
6 Insurance or Memorandum of Liability Coverage (MDLC) maintained by District shall be in excess
7 of the Entity’s insurance and shall not be called upon to contribute to any loss. Evidence of such shall
8 be provided to the District for a period of time no less than ten (10) years after completion of the
9 project.
10
- 11 2. Except with respect to bodily injury and property damage included within the Products and
12 Completed Operations hazards, the aggregate limit, where applicable, shall apply separately to the
13 project under this subcontract.
14
- 15 3. All liability insurance shall be written on an “occurrence” basis and defense costs shall be outside the
16 policy limits of liability. Modified Occurrence policies and sunset-type clauses shall not be accepted.
17
- 18 4. The Commercial Auto Policy shall include the District and the “Additional Insured” entities as
19 additional insureds on a primary and non-contributory basis, with subrogation rights waived against
20 each.
21
- 22 5. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to
23 the “Additional Insureds.”
24
- 25 6. General Liability Coverage shall state that the Entity’s insurance shall apply separately to each
26 Insured against whom claim is made or suit is brought, except with respect to the limits of the
27 insurer’s liability, and shall contain a severability of interest/cross liability clause to the effect that
28 each Insured and Additional Insured is covered as if separate policies had been issued to each.
29
- 30 7. The insurer(s) issuing the required General Liability and Auto Liability policies shall, by separate
31 endorsement, agree to waive all rights of subrogation against the “Additional Insureds.” The
32 General Liability waiver of subrogation must apply to both ongoing operations and completed
33 operations.
34
- 35 8. The policy must provide, by policy provisions or endorsement, that it shall not be canceled,
36 suspended, voided, materially changed or any renewal or replacement policy be changed without
37 thirty (30) days’ prior written notice to the District (ten [10] for non-payment of premium). Evidence
38 of such must be provided to the District.
39
- 40 9. The Contractual Liability coverage may be either on a blanket basis or a policy which specifically
41 identifies this Agreement with a contractual liability endorsement.
42
- 43 10. Any deductibles or self-insured retentions must be declared to and approved by the District which
44 amounts shall be no greater than \$50,000. Any and all deductibles or self-insurance retentions in the
45 above described liability insurance policies shall be assumed by and be for the account of, and at the
46 sole risk of the Entity.
47

1 11. All policies and endorsements are subject to approval at the sole discretion of the District.
2 Endorsements with expiration dates will not be accepted.
3

4 Section V. Subcontractor's Insurance.

5 With the exception of policy limits as outlined in this Section, the Entity shall require each and every
6 Subcontractor to maintain insurance coverages commensurate to that which is required of the Entity per
7 Sections I, II, III, and IV of this Exhibit, and shall incorporate this Exhibit E into each subcontract. This
8 includes, but is not limited to, the Additional Insured and Waiver of Subrogation provisions.
9

10 Subcontractors must carry General Liability limits no less than as outlined below:
11

12 General Liability:

13 \$1,000,000 Each Occurrence (Combined Single Limit for Bodily Injury & Property Damage)

14 \$1,000,000 Personal Injury Liability Each Occurrence

15 \$2,000,000 Aggregate for Products and Completed Operations

16 \$2,000,000 General Aggregate
17

18 Commercial Automobile Liability: \$1,000,000 Combined Single Limit
19

20 Employers Liability: \$1,000,000
21

22 Umbrella Policy: \$1,000,000
23

24 Any Subcontractors with any design-element to their work must provide evidence of Professional Liability
25 insurance in an amount no less than \$2,000,000 per claim; such policies shall contain a waiver of
26 subrogation in favor of the District and the "Additional Insured" entities.
27

28 Should Subcontractor's work include any elements that may give rise to a Pollution claim, Subcontractor
29 shall be required to carry Pollution Liability coverage with limits of at least \$2,000,000 per pollution event.
30 The District may require higher limits by written request. The policy shall be endorsed to include by name
31 the "Additional Insureds," as defined by Section I, as additional insureds and shall include a waiver of
32 subrogation endorsement in favor of the "Additional Insureds."

33 Should any Subcontractor maintain broader coverage and/or limits than those listed in this contract, those
34 limits/coverages are hereby required and shall be made available to the District.

35 The Entity shall not allow any Subcontractor to commence work on its Subcontract until the Subcontractor
36 has provided Entity with Certificates of Insurance and applicable endorsements as well as the signed
37 statement acknowledging compliance with Section 3700 of the Labor Code, as required in Section III. It
38 shall be the responsibility of the Entity to ensure that all Subcontractors comply with this provision, and to
39 verify their compliance when requested by the District.

1
2 If requested by the District, the Entity shall deliver certificates of insurance or copies of the insurance policies
3 and endorsements of all Subcontractors; provided, however, that this authority shall not relieve the Entity of
4 its obligation to ascertain the existence of such insurance.
5

6 Section VI. Builder's Risk Insurance. The Entity shall, at its sole expense, purchase, maintain and keep in
7 force at all times during the construction phase of the Facilities Lease Phase II term, until the date of transfer
8 of the insurable interest to and acceptance by the District, a Builder's Risk Insurance (Property Insurance).
9 Such insurance shall protect the District, the Contractor, Subcontractors, Sub-Subcontractors and Material
10 Suppliers at every tier, as their interests may appear, from loss or damage to work in the course of
11 construction. Property insurance shall be on a "Special Form" or equivalent policy and shall not exclude the
12 perils of fire (with extended coverage) and physical loss or damage not excluding theft, vandalism, malicious
13 mischief, collapse, earthquake (including full coverage for all losses caused by "Acts of God," as defined by
14 California Public Contract Code section 7105), flood, windstorm, falsework, mechanical breakdown or
15 electrical damage including testing and startup, magnetic disturbance, changes in temperature or humidity,
16 temporary buildings, loss that ensues from defective material or workmanship, explosion, and debris removal
17 including demolition occasioned by enforcement of any applicable legal requirements, and shall cover
18 reasonable compensation for the District's Representative's, Architect's, Construction Manager's, other
19 District Consultants' and Contractor's services and expenses required as a result of such insured loss in the
20 amount of one hundred percent (100%) of the replacement cost of the Project.
21

22 A. The following terms shall apply to such coverage:
23

- 24 1. Coverage shall be written on a replacement cost, completed value, non-reporting form and shall cover
25 the property against all risks of physical loss or damage required above.
26
- 27 2. The property covered shall include the work and improvements of the Project, including any
28 materials, equipment or other items to be incorporated therein while the same are located at the
29 construction Site, with reasonable sub-limits for materials stored offsite, or while in transit. The
30 policy shall contain a provision that the Entity and the District are Named Insureds under this policy
31 and that the Subcontractors, Sub-Subcontractors, and Material Suppliers at every tier are Named
32 Insureds or Additional Insureds as their interest may appear. A loss insured under the Builder's
33 Risk/Installation Floater policy shall be adjusted by the Entity as fiduciary and made payable to the
34 Entity as fiduciary for the insureds, as their interests may appear, subject to requirements of any
35 applicable mortgagee clause. The Entity shall pay Subcontractors their just shares of insurance
36 proceeds received by the Entity, and by appropriate agreements, written where legally required for
37 validity, shall require Subcontractors to make payments to their sub-subcontractors in similar manner.
38
- 39 3. When stated in the Facilities Lease, Builder's Risk insurance shall include Delay in Opening
40 coverage with limits of liability, and for the period of time, as set forth in the Facilities Lease.
41 Coverage shall include interest and/or principal payments that become due and payable by the
42 District upon completion of Construction or other date as set forth in the Facilities Lease, debt
43 service, expense, loss of earnings or rental income or other loss incurred by the District, without
44 deduction, due to the failure of the Project being completed on schedule.
45

- 1 4. The maximum deductible for earth movement, Acts of God, and flood allowable under this policy
2 shall not be more than five percent (5%) of the values in place at the time loss per occurrence. The
3 maximum deductible for all other perils allowable under this policy shall be one hundred thousand
4 dollars (\$100,000). All deductibles shall be borne solely by the Entity, and the District shall not be
5 responsible to pay any deductible in whole or in part.
6
- 7 B. The insurer shall by separate endorsement or policy provisions agree to waive all rights of subrogation
8 against the District, the other "Additional Insureds," as defined by Section I., the Entity, Subcontractors,
9 Sub-Subcontractors, and Material Suppliers at every tier for losses covered by the policy. If the policies
10 of insurance referred to in this Section require an endorsement or consent of the insurance company to
11 provide for continued coverage where there is a waiver of subrogation, the owners of such policies will
12 cause them to be so endorsed to obtain such consent.
13
- 14 C. The Entity shall provide a copy of the Builder's Risk policy to the District for approval. Such policy
15 shall provide all the coverages required of this section as well as conform to the requirements of this
16 contract.
17
- 18 D. If not covered by Builder's Risk policy or any other property or equipment insurance required by the
19 Facilities Lease, the Entity shall, at its sole expense, purchase, maintain and keep in force at all times
20 during the term of the Facilities Lease property insurance for portions of the Entity's work and/or
21 equipment to be incorporated therein stored offsite or in transit.
22
- 23 E. The District shall maintain in effect during the term of this Lease, property insurance on all pre-existing
24 utilities, buildings, structures, paving, and equipment on the Site which are not part of the Construction
25 project.
26
27
28

Exhibit F

General Conditions Costs

[TO BE ADDED BY AMENDMENT]

A		Item			UNIT COSTS				TOTAL COSTS						
L	DETAILS	Code	Description	Qty.	Manhours/	Labor	Material	Equip.	Sub	Labor	Material	Equip.	Sub	Line Item	Item
T					Unit	\$	\$	\$	\$	\$	\$	\$	\$	Unit\$	Total \$
Report DOES NOT include Taxes & Insurance or Indirect Costs.															
Administrative requirements															
			Site permits By Owner		LSUM										
			Mailing & shipping		MO										
			Drug testing & finger printing program		LS										
Administrative requirements															
Minor Item Code 01310.000 Project management and coordination															
			Project Manager(3/4 Time)		Week										
			Superintendent-full time		Week										
			Project engineer		Week										
			Project coordinator (full time)		Week										
			Certified payroll clerk 8hrs/wk		Week										
			Building layout - C&S Assist Super		MH										
			Site layout - C&S Assist Super		MH										
			Preconstruction Services		LS										
Project management and coordination															
Construction progress documentation															
			Project photographs & videos		LS										
			Schedule - C&S in house		Week										
			Expediting - 4 hours per week		Week										
			Job office supplies		MO										
			As-built drawings		LSUM										
			O & M manuals		EACH										
Construction progress documentation															
Administrative requirements															

A		Item				UNIT COSTS				TOTAL COSTS					
L	DETAILS	Code	Description	Qty.	Manhours/	Labor	Material	Equip.	Sub	Labor	Material	Equip.	Sub	Line Item	Item
T					Unit	\$	\$	\$	\$	\$	\$	\$	\$	Unit\$	Total \$
Temporary facilities and controls															
Temporary utilities															
			Construction electrical utilities		Month										
			Temp Power - SMUD		MO										
			Temp elect is in place		LS										
			Elect Distribution by C&S Assist Super		Sq ft										
			Temporary Lighting by C&S Assist Super		Sq ft										
			Construction water utilities by Owner		Month										
			Drinking water & ice		WEEK										
			Water distribution by C&S Assist Super		WK										
Temporary utilities															
Construction facilities															
			Move in & out by Owner		Each										
			Weekly SWPPP in box 3		Week										
			Job office trailer for IOR		Month										
			Temporary toilets (5 ea)		MO										
			Project plans by District		LSUM										
			Temporary telephone		mo										
			Construction cellular phones		Month										
01520.000 Construction facilities															
01540.000 Construction aids															
			Equipment Rental		MO										
			Expendable tools & equip		LS										
			Gas, oil & grease		MO										
			Weather protection not included		Is										
			Temporary heat not included		Is										
			Forklifts		Month										
01540.000 Construction aids															

A	DETAILS	Item	Description	Qty.	Manhours/	UNIT COSTS				TOTAL COSTS				Line Item	Item
T		Code			Unit	Labor	Material	Equip.	Sub	Labor	Material	Equip.	Sub	Unit\$	Total \$
						\$	\$	\$	\$	\$	\$	\$	\$		
Temporary barriers and enclosures															
			Construction fencing		LNFT										
			Temp fire protection		MO										
			Safety work		LS										
Temporary barriers and enclosures															
Project identification															
			Project sign		Each										
			Other signs		Each										
Project identification															
Temporary facilities and controls															
Execution requirements															
Cleaning															
			Housekeeping C&S by Assist Super		WK										
			Final Cleaning C&S by Assist Super		WK										
			Final clean-up - sub		LS										
			Dumpsters 2ea/month		Month										
Cleaning															
Execution requirements															
ESTIMATE TOTALS															

EXHIBIT G
CONSTRUCTION SCHEDULE
[TO BE ADDED BY AMENDMENT]

**EXHIBIT H
PRECONSTRUCTION SERVICES**

A. Entity's General Duties and Status:

Entity covenants with the District to furnish Entity's best skill and judgment and to cooperate with any other consultants and any design professionals employed by the District in connection with the Project. Entity agrees to perform the Preconstruction Services in the best way and in the most expeditious and economical manner consistent with the interests of the District.

Entity shall supervise and direct the Preconstruction Services using its best skill and attention, and shall be responsible for coordinating all portions of its Preconstruction Services. Entity shall be responsible to the District for the acts and omissions of its employees, subcontractors, and their agents and employees, and other persons performing any of the Preconstruction Services under a contract with Entity. Entity shall at all times enforce strict discipline and good order among its employees, and shall not employ on the Project any unfit person or anyone not skilled in the task assigned to him or her.

Entity affirms that, to the best of its knowledge, there exists no actual or potential conflict between family, business, or financial interests of Entity and performance of the Preconstruction Services. In the event of change in either interests or services under this Agreement, Entity affirms that it will raise with the District any question regarding possible conflict of interest which may arise as a result of such change.

B. Items of Preconstruction Services:

1. Collaboration/Meetings: Entity, with Architect, shall jointly schedule and attend regular meetings with the District and the District's consultants. Entity shall collaborate with Architect, the District and the District's consultants regarding site use and improvements, and the selection of materials, building systems and equipment. Entity shall provide on-going review and recommendations on construction feasibility; actions designed to minimize adverse effects of labor or material shortages; time requirements for procurement, installation and construction completion; and factors related to construction cost, including estimates of alternative designs or materials, preliminary budgets, and possible economies. Entity also shall participate in developing a construction plan to address project risk and minimize disruptions to the District's educational programs at the Project site.

The recommendations and advice of Entity concerning design alternatives shall be subject to the review and approval of the District and the District's professional consultants. It is not Entity's responsibility to ascertain that the drawings and specifications are in accordance with applicable laws, statutes, ordinances, building codes, rules and regulations. However, if Entity recognizes, or should reasonably have recognized, that portions of the drawings and specifications are at variance therewith, Entity shall promptly notify Architect and the District in writing.

2. Site Investigation: Entity shall carefully examine the site at which the work will be performed and all of the documents included in the contract documents; perform all reasonable investigations essential to a full understanding of the difficulties that may

1 be encountered in performing the work; and acquaint itself through reasonable
2 discovery with the conditions under which the work is to be performed, including,
3 without limitation, local labor conditions, local weather patterns, restriction in access
4 to and from the Project site, prior work performed by others on the Project, and
5 obstructions and other conditions relevant to the work, the site of the work and its
6 surroundings. With the exception of subsurface conditions or other conditions
7 which qualify under the differing site condition clause, if any, Entity expressly
8 assumes the risk of any variance between the actual conditions, either discovered
9 or discoverable through reasonable investigation in the performance of
10 Preconstruction Services hereunder, and the conditions shown or represented in
11 the contract documents.
12

13 Notwithstanding the foregoing, Entity may need to perform site investigation to
14 confirm utilities and other infrastructure impacted or incorporated into the design to
15 confirm location and or condition at the District's discretion. Entity's fee includes an
16 allowance of **\$15,000** to be used on a time and material basis for this site
17 investigation to be used at the District's discretion. Any unused allowance amount
18 will be returned to the District via a deductive amendment.
19

- 20 3. Preliminary Project Schedule: Entity shall prepare and update a preliminary Project
21 schedule for the District's review and approval consistent with the timeline dates
22 noted herein. The schedule shall provide for expeditious and practicable execution
23 of the Project. As design proceeds, the preliminary Project schedule shall be
24 updated as needed to indicate proposed activity sequences and durations,
25 milestone dates for receipt and approval of pertinent information, submittal of the
26 TBR and Lease Payment Schedule, preparation and processing of shop drawings
27 and samples, delivery of materials or equipment requiring long-lead time
28 procurement, and proposed date of final completion of the Project and any discrete
29 portions of the Project (if different). Entity shall provide a detailed Construction CPM
30 schedule that identifies the critical path within the construction phase. A minimum
31 of two weeks of float for the District's use needs to be identified.
32
- 33 4. Preliminary Cost Estimates: Entity shall provide estimating services as needed
34 throughout development of the construction documents. Depending on the stage of
35 document development, the scope and nature of the estimating services may
36 change. Entity will be expected to provide estimating of portions of the work,
37 systems being considered, details as they are developed, and other estimating
38 exercises that the District, Architect and Entity deem advisable. Entity also will be
39 required to provide detailed estimates of the Work at each design phase milestone
40 based on the drawings and specifications received from the Architect, and shall set
41 forth any assumptions or interpretations that Entity used in making the estimate.
42 Entity also will be required to participate in estimate reconciliation meetings to
43 review any discrepancies from the Architect's estimates.
44
- 45 5. Value Engineering: While providing its Preconstruction Services, Entity shall be
46 continuously pursuing opportunities to create additional value by identifying options
47 to reduce capital or life cycle cost, improve constructability and functionality, or
48 provide operational flexibility, while satisfying the District's programmatic needs.
49 Entity shall develop value engineering proposals ("VEP") for the District's and
50 Architect's approval for alternative systems, means, methods, finishes, equipment
51 and the like that satisfy the general design criteria of the Project, but which result in

1 savings of time or money in constructing or operating and maintaining the Project.
2 Each VEP shall describe the proposed change, identify all aspects of the Project
3 directly or indirectly affected by the change, specify the cost or time savings to be
4 achieved if the VEP is accepted, and detail any anticipated effect on the Project's
5 service life, economy of operation, ease of maintenance, appearance, design or
6 safety standards. Formal VEP will be required of the Entity to be submitted for
7 consideration as determined by the District's Representative.
8

- 9 6. Constructability Review of Construction Documents: During development of the
10 plans and specifications, Entity shall continually review the design and construction
11 documents for clarity, consistency, constructability and coordination among the
12 design disciplines' drawings, the Project construction phases (if any), and the
13 construction trades, and shall collaborate with Architect and the District in
14 developing solutions to any identified issues.
15

16 Entity shall engage those subcontractors it deems necessary to participate in the
17 constructability reviews. Regardless of whether Entity engages subcontractors,
18 Entity shall remain fully responsible for the constructability reviews. This includes,
19 unless excepted, the Entity's obligation during preconstruction services to use BIM
20 modeling and complete constructability review to bring documents from level 300 to
21 level 400 for constructability, clash detection, and pricing of the TBR.
22

23 A. BIM Review:

24
25 Within five (5) days following execution of the Facilities Lease, Entity shall
26 provide to District for approval a schedule for BIM review, broken down into
27 identifiable or defined modules, prior to DSA submittal. In accordance with
28 the approved schedule, Entity shall communicate any questions or concerns
29 regarding constructability, including any potential clashes detected, to
30 Architect and shall raise any issues requiring discussion at the regular design
31 meetings. At the time scheduled for completion of review of each module,
32 Entity shall certify to the District that it has had a full and fair opportunity to
33 fully evaluate the module or shall identify any additional review Entity
34 concludes is necessary to perform prior to preparation of the TBR.
35

36 If, during construction, Entity proposes a change due to a conflict, then Entity
37 shall have the burden to establish that such conflict could not reasonably
38 have been identified during preconstruction BIM constructability review.
39

40 B. Constructability Review following DSA Submittal:

41
42 If Entity has not conducted constructability review, including BIM review, prior
43 to submittal to DSA then, no later than three (3) weeks after submission of
44 construction documents to DSA for approval, Entity shall commence a formal,
45 documented constructability review. The formal constructability review shall
46 be completed within two (2) weeks so that the comments therein can be
47 evaluated and incorporated as appropriate prior to DSA approval. Entity shall
48 also perform a "back-check" prior to DSA approval to ensure the design team
49 has addressed the review comments. The purpose of all of Entity's
50 constructability reviews, including those before submission of the construction
51 documents to DSA for approval and the formal constructability review(s), is to

1 determine that the design comprises complete, accurate and fully coordinated
2 drawings and specifications for construction, and thereby reduce the risk of
3 disruption, delay, change orders and potential claims. Entity will focus on
4 accuracy, completeness, sequencing and coordination. Entity's reviews also
5 will seek out alternative construction materials and systems that may result in
6 a cost or time savings to the District. The results of the reviews shall be
7 provided in writing and as notations on the construction documents. Nothing
8 in the contract documents shall relieve the Architect and the other design
9 professionals from their obligation to perform their services and design the
10 Project in accordance with the terms of their respective contracts and the
11 applicable standard of care, and final decision on all such cost or time saving
12 reviews shall be with the District and/or its separately retained construction
13 management or design consultants.
14
15

16 7. Development of Total Base Rent: Entity shall prepare a plan to develop the TBR,
17 including without limitation a bidding approach and schedule to obtain competitive
18 bids from potential subcontractors and suppliers, and submit the plan to the District
19 for approval sufficiently prior to DSA approval to allow for District review and
20 comment and any revision by the time DSA approval is secured. The plan shall
21 include at least the following elements:
22

23 a. Entity shall seek to develop subcontractor interest in the Project and shall
24 collaborate with the District and Architect to develop a list of possible
25 subcontractors, including suppliers, from whom bids will be requested for each
26 principal portion of the work;
27

28 b. Entity shall prepare bid packages for the complete scope of work for all
29 trades that will be subcontracted, other than those for which a subcontractor or
30 supplier was listed in Entity's Proposal;
31

32 c. Entity shall provide public notice (under the District's public works notice
33 procedures) of availability of work to be subcontracted, including a fixed date and
34 time on which qualifications statements, bids, or proposals will be due. Entity will
35 submit a copy of the bid advertisement and any addenda affecting the bid date to
36 the District;
37

38 d. Entity shall establish reasonable qualification and selection criteria and
39 standards, and state such criteria in its solicitation documents;
40

41 e. Entity shall require prequalification if required by law or by the District.
42 Mechanical, electrical, and plumbing subcontractors (those with any of the
43 following license classifications: C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38,
44 C-42, C-43 and C-46) must be prequalified prior to submitting bids for the
45 Project. Entity shall work with the District in prequalifying such subcontractors,
46 using the District's standard Prequalification Questionnaire and uniform rating
47 system;
48

49 f. Entity shall require all potential subcontractors, truckers and any suppliers
50 and/or vendors subject to California's prevailing wage laws to be registered with

1 the Department of Industrial Relations pursuant to Labor Code section 1725.5 at
2 the time of bidding;

3
4 g. If Entity plans to self-perform any work, Entity must submit a sealed bid
5 directly to the District a minimum of 48 hours in advance of the bid due date for
6 the subcontractors; the cumulative amount of self-perform work not required to
7 be blind bid is \$50,000;

8
9 h. The District has a local business participation goal of 20% of the direct
10 cost of construction being performed by contractors within the District boundary,
11 which goal must be noted in the solicitation document. Entity shall address its
12 plan to achieve this goal and shall follow this plan during preconstruction
13 services. Bids must identify associated zip codes for location of business
14 address and business owner home address to identify such local subcontractors
15 and suppliers;

16
17 i. DVBE outreach is required and goal of 3% must be noted in the
18 solicitation document. Entity shall address its plan to achieve this goal in its bid
19 and shall follow this plan during preconstruction services;

20
21 j. Entity shall specify how it will determine that the subcontractor or supplier
22 has the financial resources, qualifications, and experience to complete the work
23 for which it is proposed;

24
25 k. Entity shall propose award of subcontracts in accordance with the
26 following competitive selection processes:

27
28
29 i. For work that has a value of \$5000 or more but less than one-half
30 of one percent of the construction price that is subcontracted, a
31 minimum of three bids is expected for each trade. Such bids may
32 be solicited through informal bidding and contracts awarded based
33 on low bid or best value. The LLB Entity will provide the District
34 with a copy of their bid advertisement and subsequent addenda.

35
36 ii. For work that has a value equal to or greater than one-half of one
37 percent of the construction price that is subcontracted, the
38 competitive sub-bid selection process (i) will require advertisement
39 in accordance with that required of the District, fixing a date on
40 which qualifications, bids or proposals are due; (ii) will permit
41 selection and award of subcontracts on either a best value basis
42 or to the lowest responsible bidder; and (iii), if a best value basis
43 will be used, establish in the solicitation reasonable qualification
44 criteria and standards. The Entity shall will provide the District
45 with a copy of their bid advertisement and subsequent addenda.
46 Subcontractors awarded construction subcontracts under this
47 process shall be afforded all protections of the Subletting and
48 Subcontracting Fair Practices Act (commencing with Section 4100
49 of the California Public Contract Code.
50

1 I. District shall have the right to review the proposed subcontractors and to
2 object to or reject any proposed subcontractor or supplier;

3
4 m. For any work not required to be bid, Entity shall provide a detailed
5 estimate of the cost of the work, including documentation sufficient to support
6 that the price is reasonable;

7
8 n. Entity shall propose a TBR, which shall be the sum of the i) general
9 conditions cost as bid, ii) the cost of any actual construction work performed by
10 Entity's own forces, iii) the cost of all subcontract bids, iv) Entity's fee, as bid,
11 v) costs of bonds and insurance, vi) contingencies and allowances, and
12 vii) financing costs.

13
14 o. Entity shall develop a final price proposal to include the written rationale
15 for the price and objectively-verifiable documentation of its costs to perform the
16 construction work under the Facilities Lease. The documentation shall include:

- 17
18 • A written evaluation for each of the portions of work, including a summary
19 of the bids received, the actual bid proposals, and identify the subcontract
20 bidder(s) that Entity recommends;
- 21
22 • For any DVBEs listed in the proposal, documentation supporting the
23 DVBE's price, including a written rationale explaining why the price is
24 reasonable;
- 25
26 • A list of the drawings and specifications, including all addenda, that were
27 used in preparation of the price proposal;
- 28
29 • "Good Faith Efforts" documentation to reflect DVBE outreach (by the
30 Entity and its selected subcontractors) if the 3% DVBE participation goal
31 is not met (see Attachment 1 hereto);
- 32
33 • The proposed TBR broken down by element comprising the TBR,
34 including a statement of the estimated cost and a schedule of values
35 organized by trade categories;
- 36
37 • A list of the clarifications and assumptions made by Entity in preparing the
38 final proposed TBR to supplement the information contained in the
39 drawings and specifications;
- 40
41 • The date of commencement and the date of completion upon which the
42 proposed TBR is based;
- 43
44 • A list of allowances and a statement of their basis; and
- 45
46 • A detailed cost breakdown of all general conditions and jobsite
47 management expenses included in the TBR.

48
49 p. Entity shall develop a proposed Lease Payment Schedule based on its
50 proposed TBR.
51

Entity shall meet with the District and Architect to review the final price proposal, proposed TBR, and proposed Lease Payment Schedule and the written statement of its basis. If the District or Architect discover any inconsistencies or inaccuracies in the information presented, they shall promptly notify Entity, who shall make appropriate adjustments to the documentation.

Entity shall be present at the Board meeting at which the TBR and Lease Payment Schedule is proposed for approval and be available to answer any Board questions regarding the TBR or Lease Payment Schedule. The cost of any revisions to the proposed TBR or Lease Payment Schedule or supporting documentation or analysis required by the Board as a condition of approval of Phase II of the Work is included in Preconstruction Services.

8. Long Lead Time Items: Entity shall recommend to the District and Architect a schedule for procurement of any long-lead time items which will constitute part of the work as required to meet the Project schedule. If such long-lead time items are procured by the District, they shall be procured on terms and conditions acceptable to Entity. [The District will add an allowance for procurement of long-lead time items by an Amendment during Preconstruction, subject to approval of the District prior to purchase of such items.] Upon Notice to Proceed with Phase II of the Work, all contracts for such items shall be assigned by the District to Entity, who shall accept responsibility for such items as if procured by Entity. Entity shall expedite the delivery of long-lead time items to ensure delivery and installation to meet the scheduled completion date.

9. Insurance costs for pre-construction services: In accordance with Exhibit E, the Entity shall provide insurance, as required by Sections III and IV.

C. Term, Progress and Completion:

Time is of the essence. The District desires to submit the construction documents to DSA no later than **October, 2024**. DSA approval is estimated to occur no later than end of **December, 2024**, followed by development and approval of the Total Base Rent and Lease Payment Schedule, which is anticipated to require approximately eight weeks. The District desires to submit the proposed Total Base Rent and Lease Payment Schedule to the Board for approval no later than the meeting scheduled for **3, March, 2025**. Entity shall perform all of its Preconstruction Services consistent with these timelines.

D. Compensation:

The District shall compensate Entity for performing the Preconstruction Services as follows: the fixed fee of \$_____ [Amount from Fee Proposal], divided as follows among the required preconstruction services:

	ITEM Description	AMOUNT	
1	Proposed Preconstruction Services Fee – Site Evaluation (Allowance)	\$ 15,000	
2	Proposed Preconstruction Services Fee – Constructability Review	\$	
3	Proposed Preconstruction Services Fee – Pre-Construction Meetings	\$	
4	Proposed Preconstruction Services Fee – Value Engineering	\$	

5	Proposed Preconstruction Services Fee – Detailed Construction Critical Path Schedule	\$	
6	Proposed Preconstruction Services Fee – Preliminary and Detailed Estimates	\$	
7	Proposed Preconstruction Services Fee – Construction Planning and Logistics Plan	\$	
8	Proposed Preconstruction Services Fee – Assessment of Long Lead Time Items (Does not include Allowance; to be added via Amendment during Preconstruction)	\$	
9	Proposed Preconstruction Services Fee – Development of Total Base Rent	\$	
10	Total for Preconstruction Services (Rows 1-9)		\$
11	General Conditions: Refer to EXHIBIT C as reference for allowable costs and items that the Developer will include as general conditions and not as part of direct costs of work.		\$
12	Fee (inclusive of overhead and profit) (as a percentage of direct costs)		%
13	Bonds (Per Facilities Lease)		%
14	Insurance cost (Per Facilities Lease)		%
15	Interest Rate on Loan Amount		%

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Entity shall submit an invoice monthly to the District for the fee, itemized by percentage of completion for the different tasks identified above, and the expenses incurred for the billing period. No expenses above those included above in the fixed fee amount are to be charged to the District or will be allowable. The District shall pay Entity one hundred percent of the approved invoiced amount within thirty (30) calendar days of the District's receipt of the invoice.

The District may withhold, or on account of subsequently-discovered evidence nullify, the whole or a part of any payment as may be necessary to protect the District from loss, including costs and attorneys' fees, which may arise for reasons including, but not limited to, the following: 1) defective or deficient work not remedied; 2) failure of Entity to make payments properly to its employees or subcontractors; 3) a reasonable doubt that the Preconstruction Services can be completed for the then-unpaid balance of the contract price; 4) failure to achieve sufficient progress with the Preconstruction Services such that Entity is unlikely to achieve timely completion; or 5) failure of Entity to provide required certificates of insurance.

If the District adds Preconstruction Services by change order, the following rates shall apply to such additional work, unless otherwise agreed by the Entity and the District:

Classification	Rates
Principal in Charge	
Project Executive	

Pre-Construction Manager	
Senior Estimator	
Estimator/Buyer	
MEP Manager	
Purchasing Agent	
Administrative Asst.	
Project Manager	
Graphics Specialist	
Project Engineer	
VDC Manager	
Detailer	

1
2 E. Changes/Extra Work:
3

4 The District may order changes in the Preconstruction Services within the general scope
5 thereof, consisting of additions, deletions, or other revisions. The compensation stated above
6 shall be adjusted accordingly, which may or may not include an extension of the time for
7 performance. All such changes in the Preconstruction Services, including changes in the
8 compensation and/or time for performance, shall be authorized only by written change order,
9 signed by the District. If Entity claims that performance of any work entitles it to additional
10 compensation or affects the time for performance of the Preconstruction Services, Entity shall
11 provide written notice to the District of any such claim prior to undertaking such work. If the
12 District refuses to issue a change order for such work, Entity shall perform that work and shall
13 submit a complete and specific claim for additional compensation or extension of the time for
14 performance within ten (10) days after such work is performed. Failure to provide written notice
15 of claim prior to undertaking such work, or failure to submit timely a complete and specific claim
16 for additional compensation or extension of the time for performance, shall be deemed a waiver
17 and abandonment of any such claim. No claim, dispute or controversy shall interfere with the
18 progress or performance of the Preconstruction Services, and Entity shall proceed with the
19 Preconstruction Services as directed by the District. Failure to so proceed shall be a default.
20

21 F. Dispute Resolution:
22

23 Initially, and promptly after identification of a claim or dispute, the District's and Entity's
24 project managers shall meet face-to-face to review and consider the claim or dispute. If the
25 District's and Entity's project managers are unable to resolve the claim or dispute, a senior
26 representative from the District and a senior representative from Entity each shall review the
27 matter in detail, and then shall meet face-to-face as soon as practicable to discuss and resolve
28 the matter. If the senior representatives are unable to resolve the matter, then the parties agree
29 to submit the dispute to mediation as a condition precedent to the institution of legal or equitable
30 proceedings by either party.
31

32 G. Fingerprinting:
33

1 The District shall, pursuant to Education Code section 45125.1 and District policy and
2 guidelines, determine whether fingerprinting is required of Entity or its employees for purposes
3 of performing Preconstruction Services. If such fingerprinting is required, then the Entity shall
4 comply with fingerprinting requirements stated in Exhibit D, General Construction Terms and
5 Conditions, prior to performing any Preconstruction Services for which fingerprinting is required.
6
7
8
9

EXHIBIT I

Skilled and Trained Workforce Report

The following report must be provided to the District at completion of construction by the Entity for itself and all subcontractors of every tier and at any other time requested by the District, for the specified contractors. Receipt of this report is a condition on entitlement to payments for any month in which it is required.

Project Name _____ Date: _____

ENTITY AND TRADE/ SUBCONTRACTORS (if a contractor performs work in multiple apprenticeable occupations, list each on a separate line)	LICENSE NUMBER	COMPLIANC E BY HOURS OR PERCENT OF WORKFORC E? (H) OR (%)	FOR EACH TRADE, THE PERCENTAGE OF SKILLED JOURNEYPerson WORK OR HOURS WORKED BY GRADUATES OF AN APPROVED APPRENTICESHIP PROGRAM TO DATE

Under penalty of perjury, and with specific reference to the California False Claims Act, Government Code sections 12650 *et seq.*, I certify that I have made reasonable investigation to verify the accuracy of data reported above, that the information is accurate and complete to the best of my knowledge and belief, and that I am duly authorized to certify the report on behalf of the company identified below. I acknowledge that submission of this report is an express condition on payment.

Dated: _____ Company _____

Signature _____ Title _____

Attachment 1
DVBE Good Faith Efforts Outreach Requirements

Definitions:

“Disabled Veteran Business Enterprise” (DVBE) means a business concern that is certified as a DVBE by the Department of General Services, Office of Small Business and Disabled Veteran Business Enterprise Services (OSDS).

“Entity” means the Lease-Leaseback Entity that will construct the Project.

“Participation Goal” or “Goal” means a numerically expressed DVBE objective that the Entity is required to make efforts to achieve in accordance with Section 17076.11 of the Education Code.

“Good Faith Efforts” means that the Entity took all necessary and reasonable steps to achieve the DVBE Participation Goal which, by their scope, intensity, and appropriateness to the objective, could reasonably be expected to obtain sufficient DVBE participation, even if they were not fully successful. Good Faith Efforts are further delineated below.

DVBE Certification:

In accordance with Education Code section 17076.11, this District has a Participation Goal for DVBEs of three percent (3%) per year. For any work performed by a DVBE subcontractor (including materials suppliers) to be counted toward meeting the DVBE Participation Goal, such business concern must possess current and valid certification as a DVBE through the OSDS. In addition, the work must conform to the most current regulations and requirements as published by the California Department of General Services (DGS) and/or OSDS.

A DVBE cannot self-certify. An OSDS certification letter or printout from the DGS certification website (<https://caleprocure.ca.gov/pages/PublicSearch/supplier-search.aspx>) verifying current DVBE status must be provided for each DVBE participating in the contract. The OSDS certification letter or website printout must be provided with the Proposal or during establishment of the Total Base Rent. The District will not give Entity DVBE credit for any DVBE for which Entity fails to provide the required status verification.

Good Faith Efforts

The Entity shall either commit to meeting the Participation Goal or demonstrate Good Faith Efforts to do so, as described below. All DVBEs for which the Entity is claiming credit (including the Entity itself if it is a DVBE) must be listed on the Subcontractor listing form and identified as DVBEs, even if the work to be performed is less than one-half of one percent (0.5%) of the bid amount, involves supply of materials, or is to be performed by a lower-tier subcontractor.

Although Good Faith Efforts have been eliminated from Public Contract Code sections 10115 *et seq.*, the District’s obligation is separately stated under Education Code section 17076.10, so the District may find Entity to have complied with the DVBE requirements if it establishes Good Faith Efforts. In order to establish Good Faith Efforts, Entity must demonstrate at least the following directly and/or through bidders for the subcontracts:

- 1 1. Select portions of the work for which to solicit DVBEs in order to increase the likelihood that
2 the DVBE goals will be achieved. This may include breaking out contract work items into
3 smaller units.
- 4 2. Search at least the OSDS DVBE database to identify DVBEs to solicit to perform the
5 portions of work identified. Print the search results to include with the Good Faith Efforts
6 documentation.
- 7 3. Advertise for DVBE participation in focus or trade publications reasonably expected to reach
8 DVBEs in the region as early in the process as is practicable. Depending on the project and
9 results, multiple advertisements may be appropriate. Generally, the first publication should
10 occur no later than one week before bids are due, whichever is earlier. Submit a copy of the
11 advertisement(s) with the Good Faith Efforts documentation.
- 12 4. Solicit interest from identified DVBEs (from the OSDS database or otherwise) as early in the
13 bidding process as practicable to allow the DVBEs to respond to the solicitation and submit a
14 timely bid. Solicitations may be by phone, fax, email, letter, or other reasonable means, but
15 must be documented. Submit documentation of all outreach efforts with the Good Faith
16 Efforts documentation. Include copies of all DVBE responses.
- 17 5. Follow up initial solicitations. Document all such efforts and DVBE responses as part of the
18 Good Faith Efforts documentation.
- 19 6. Work with interested DVBEs, including providing adequate information about the project
20 and portions of work available and negotiating in good faith with interested DVBEs to assist
21 them with being able to bid. Document all such efforts with the Good Faith Efforts
22 documentation.
23

24 **Substitutions**

25
26 Entity and its subcontractors must use the DVBE subcontractor(s) and/or supplier(s) proposed unless
27 Entity requests and receives authorization to substitute from the District. A DVBE subcontractor or
28 supplier shall be replaced by another DVBE if possible. At a minimum, any request for substitution must
29 include:

- 30
31 (1) The reason for the substitution, which shall be limited to the circumstances permitted
32 under Public Contract Code section 4107(a).
- 33 (2) The identity of the listed DVBE and the name, address, contractor number, and DIR
34 registration number of the proposed replacement.
- 35 (3) If a DVBE cannot be identified as a replacement, documentation of efforts to find
36 available DVBEs.
37

38 The DVBE shall be given the rights afforded by Public Contract Code section 4107 prior to the District
39 acting on a requested substitution.
40

41 FAILURE TO ADHERE TO AT LEAST THE DVBE PARTICIPATION PROPOSED WHEN
42 ADOPTING THE TOTAL BASE RENT MAY BE CAUSE FOR CONTRACT TERMINATION AND
43 RECOVERY OF DAMAGES FOR DEFAULT.
44

45
46
47 **END OF DOCUMENT**