

ADDENDA

6/17/26
F.T.

GENERAL

1.01 The following sets forth the format for issued Addenda.

ADDENDUM NO. 01, dated June 17, 2026.

W/Plans

RE: OUTDOOR CLASSROOM AND CAMPUS UPGRADE
DSA A# 03-125367 DSA File #19-63
 OWNER PROJECT NO.: 233171
 AT
 SYLVAN PARK EARLY EDUCATION CENTER
 located at 15011 Delano Street., Van Nuys, CA 91411

FROM: OWNER: LOS ANGELES UNIFIED SCHOOL DISTRICT
 FACILITIES CONSTRUCTION CONTRACTS
 333 S. Beaudry Ave., 28th Fl.
 Los Angeles, CA 90017

Architect/Engineer Stamp & Signature

TO: ALL PROSPECTIVE BIDDERS:

Digitally signed by Jiayue Ma
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 District, OU=Architectural &
 Engineering Services,
 CN=Jiayue Ma
 Date: 2026.06.16
 13:38:49-0700

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated May 2026, as noted below. Acknowledge receipt of the Addendum in the space provided on Document 00 4100 - Bid and Acceptance Form. Failure to do so may result in the bid being deemed non-responsive.

The Addendum consists of 42 pages, and 22 drawings. The attached drawings include Sheet Nos LS-002, LD-101, LS-101, LS-111, LS-112, LS-121, LS-301, LS-501, LI-101, LP-001, LP-101, LP-102, LP-502, FF-101, FF-102, with revised date of 6/2/26 and Sheet Nos. S-100, S-110, S-120, S-200, S-210, S-300, S-310.

“The DSA review of this addendum is not expected to result in a material change to the contract”

Maria Lachica

OAR Name

Digitally signed by Maria Lachica
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Signature

06/16/2026

Date

Steve Boehm

Regional Director Name

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Signature

Date

A. CHANGES TO BIDDING DOCUMENTS: N/A

B. CHANGES TO SPECIFICATIONS:

ADDENDUM NO. 1

OUTDOOR CLASSROOM AND CAMPUS UPGRADE
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REVISED 7/11/2018
 ADDENDA
 00 9113-1

Bid #2610077-Add-1P

1. Replace Specification Section 00 0110 Table of Contents (6 pages) in its entirety with Specification Section 00 0110 Table of Contents (6 pages)
2. Add Specification 00 9113 Addenda (4 pages)
3. Replace Specification Section 01 1219 Phasing of the Work Appendix A – Milestones (19 pages) in its entirety with Specification Section 01 1219 Phasing of the Work Appendix A – Milestones (24 pages)
4. Add Specification 01 5639 Temporary Tree and Plant Protection (8 pages)

C. CHANGES TO DRAWINGS:

1. Replace Sheet LS-002 FURNISHING & SIGN SCHEDULE (DSA back Check 08.22.2025) in its entirety and replace with Sheet LS-002 FURNISHING & SIGN SCHEDULE (Addendum 1 06.02.2026)
 - a. Site Furnishings
 - i. Revised Furnishings schedule to reflect changes to metal planter selections and sandbox accessories
 - ii. Added new sandbox cover and ball.
2. Replace Sheet LD-101 TREE PROTECTION PLAN (DSA Back Check 08.22.2025) in its entirety with Sheet LD-101 TREE PROTECTION PLAN (Addendum 1 06.02.2026)
 - a. Tree Protection and Removal Schedule
 - i. Revised to show removal of tree #9
3. Replace Sheet LS-101 HARDSCAPE PLAN (DSA Back Check 08.22.2025) in its entirety with Sheet LS-101 HARDSCAPE PLAN (Addendum 1 06.02.2026)
 - a. Hardscape Plan
 - i. Revised to show changes to granitecrete extents
4. Replace Sheet LS-111 FURNISHING AND SIGNAGE PLAN (DSA Back Check 08.22.2025) in its entirety with Sheet LS-111 FURNISHING AND SIGNAGE PLAN (Addendum 1 06.02.2026)
 - a. Furnishing Plan
 - i. Revised to show updates to metal planter selections
 - b. Furnishing Schedule
 - i. Revised to show updates to metal planter selections
5. Replace Sheet LS-112 FURNISHING AND SIGNAGE PLAN (DSA Back Check 08.22.2025) in its entirety with Sheet LS-112 FURNISHING AND SIGNAGE PLAN (Addendum 1 06.02.2026)
 - a. Site Furnishings Schedule
 - i. Updated to show sandbox accessories, Note added to provide washed play sand for F-8 per full legend
 - b. Site Plan
 - i. Updated to show sandbox accessories
6. Replace Sheet LS-121 LAYOUT PLAN (DSA Back Check 08.22.2025) in its entirety with Sheet LS-121 LAYOUT PLAN (Addendum 1 06.02.2026)
 - a. Layout Plan
 - i. Revised to show changes to granitecrete extents
7. Replace Sheet LS-301 HARDSCAPE SECTIONS (DSA Back Check 08.22.2025) in its entirety with Sheet LS-301 HARDSCAPE SECTIONS (Addendum 1 06.02.2026)
 - a. Section 4
 - i. Revised to show reflect updated metal planter and full extents of granitecrete

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8. Replace Sheet LS-501 HARDSCAPE DETAILS (DSA Back Check 08.22.2025) in its entirety with Sheet LS-501 HARDSCAPE DETAILS (Addendum 1 06.02.2026)
 - a. Detail 3
 - i. Removed to reflect rolling planter selection
9. Replace Sheet LI-101 IRRIGATION PLAN (DSA Back Check 08.22.2025) in its entirety with Sheet LI-101 IRRIGATION PLAN (Addendum 1 06.02.2026)
 - a. Irrigation Plan
 - i. Updated to reflect changes in planted area
10. Replace Sheet LP-001 PLANTING SCHEDULE & NOTES (DSA Back Check 08.22.2025) in its entirety with Sheet LP-001 PLANTING SCHEDULE & NOTES (Addendum 1 06.02.2026)
 - a. Planting Legends
 - i. Updated to reflect changes to tree and shrub selection and addition of pot schedule
11. Replace Sheet LP-101 PLANTING PLAN (DSA Back Check 08.22.2025) in its entirety with Sheet LP-101 PLANTING PLAN (Addendum 1 06.02.2026)
 - a. Planting Legends
 - i. Updated to reflect changes to tree and shrub selection and addition of pot schedule
 - b. Planting Plan
 - i. Updated to reflect changes in plant selection and placement
12. Replace Sheet LP-102 PLANTING PLAN (DSA Back Check 08.22.2025) in its entirety with Sheet LP-102 PLANTING PLAN (Addendum 1 06.02.2026)
 - a. Planting Legends
 - i. Updated to reflect changes to shrub selection and addition of pot schedule
 - b. Planting Plan
 - i. Updated to reflect changes in plant selection and placement
13. Replace Sheet LP-502 PLANTING DETAILS (DSA Back Check 08.22.2025) in its entirety with Sheet LP-502 PLANTING DETAILS (Addendum 1 06.02.2026)
 - a. Detail 5
 - i. Added to reflect planter potting
14. Replace Sheet FF-101 FURNISHING PLAN (DSA Back Check 08.22.2025) in its entirety with Sheet FF-101 FURNISHING PLAN (Addendum 1 06.02.2026)
 - a. Furnishing plan Legend
 - i. Update S-23 descriptions to add import soil for planters.
15. Replace Sheet FF-102 FURNISHING PLAN (DSA Back Check 08.22.2025) in its entirety with Sheet FF-102 FURNISHING PLAN (Addendum 1 06.02.2026)
 - a. Furnishing plan Legend
 - i. Note added to add import soil for planters
16. Replace Sheet S-100 GENERAL NOTES in its entirety with Sheet S-100 GENERAL NOTES
17. Replace Sheet S-110 TYP CONC DETAILS in its entirety with Sheet S-110 TYP CONC DETAILS
18. Replace Sheet S-120 TYP WOOD DETAILS in its entirety with Sheet S-120 TYP WOOD DETAILS
19. Replace Sheet S-200 PLATFORM FRAMING PLAN AND DETAILS in its entirety with Sheet S-200 PLATFORM FRAMING PLAN AND DETAILS

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20. Replace Sheet S-210 RESTROOM SLAB & FRAMING, AC FRAMING PLAN in its entirety with Sheet S-210 RESTROOM SLAB & FRAMING, AC FRAMING PLAN
 21. Replace Sheet S-300 MISC. DETAILS in its entirety with Sheet S-300 MISC. DETAILS
 22. Replace Sheet S-310 BARD UNIT SUPPORT AT MODULAR in its entirety with Sheet S-310 BARD UNIT SUPPORT AT MODULAR
- D. OTHER CHANGES AS SET FORTH: N/A
- E. Clarification or any other notice of a change in the Bidding Documents will be issued only by the OWNER office of Facilities Construction Contracts and only in the form of a written Addendum, transmitted by fax or e-mail to all who are known by the issuing office to have received a complete set of Bidding Documents. Any other purported Addenda are void and unenforceable.
- (1) *Question:* The Structural Sheets are unreadable.
Response: Refer to the structural sheets included in this addendum. There are no changes to these sheets from the original bid documents; they are being reissued solely to replace previously unreadable portions of the plan sheets.

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01 1219– PHASING OF THE WORK

APPENDIX A – MILESTONES

CONTRACTOR shall commence performance of the Contract upon the date specified in the Notice to Proceed and shall furnish sufficient forces, facilities and materials, work such hours, including extra shifts and overtime operations, so as to fully perform the Work in accordance with the following Milestones.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
No. 1	Notice to Proceed: Is established in accordance with Articles 1.34 and 2.2 of the General Conditions.	MS 1 - As determined in the NTP.	
<i>PHASE 0: Mobilization, Critical Shop Drawings and Submittals, Baseline Schedule</i>			
No. 2	Critical Shop Drawings & Submittals Complete: Is defined as CONTRACTOR provided Shop Drawings and Submittals that are either critical or near critical to the Start or overall Substantial Completion of the Project. Milestones may include, but not be limited to, HVAC units and associated appurtenances, fire alarm submittals, play yard and outdoor classroom equipment and materials, Contractor Safety Plan and Hazard Communication Plan as per OCIP, abatement and lead work plans and critical Job Hazard Analysis (JHA), Site Survey or any long lead fabrication/procurement items. Contractor shall provide Submittal Log. Provide mock-ups for the concrete imprints and stencils.	MS 2 - starts after MS 1 with a duration of 30 calendar days	

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
No. 3	<u>Completion of Mobilization Activities:</u> <i>A. Mobilization Phase</i> Defined as the full activation of site operations, including: (1) Logistics & Site Setup: Submittal and approval of a comprehensive logistics plan (access points, gates, parking, and trailer layouts). Installation of perimeter fencing and project-specific signage. (2) Temporary Facilities: Delivery and setup of fully functional field offices (including furniture, tech, and supplies), storage bins, and dumpsters. (3) Temporary Utilities: Activation of water, electrical, data/comms, sanitation, and fire protection. (4) Permitting & Environmental: Obtaining all required permits and full implementation of SWPPP (Storm Water Pollution Prevention Plan) measures. <i>B. Site Assessment & Investigative Scope</i> (1) Subsurface Scanning (GPR): Perform a comprehensive GPR (Ground Penetrating Radar) scan of the construction footprint to locate all underground utilities and subsurface structures. The Contractor must formally report any conflicts or deviations from the contract documents via RFC. (2) Structural X-Ray: Verification of rebar and conduit locations via X-ray at all proposed core drill locations (specifically for upper-floor water closet relocations). The Contractor must formally report any conflicts or deviations from the contract documents via RFC.	MS 3 - starts after MS 1 with a duration of 30 calendar days	

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	(3) Plumbing, Electrical, Fire Alarm Conflict Survey: Field verification of routing and floor penetrations within crawl spaces and above-ceiling spaces by the Plumbing, Electrical, Fire Alarm and Low Voltage Subcontractors to identify potential design conflicts. The Contractor must formally report any conflicts or deviations from the contract documents via RFC. (Note: Make sure to review Phases 1 and 2 FETU reports, prior to verification of crawl or above-ceiling spaces.) (4) Door/Hardware Audit: Physical site walk to verify existing door/frame conditions and hardware compatibility against the design intent. The Contractor must formally report any conflicts or deviations from the contract documents via RFC. (5) Utility Isolation Walk: Mandatory walkthrough with the GC, Plumbing Sub, Electrical Sub, OAR, and M&O to locate and test all shut-off/isolation valves and electrical panels for each building and site access. (6) Signage Audit: Physical site walk to verify all room names with the Owner's Authorized Representative (OAR). Sign locations shall be field-verified to confirm that the specified sign sizes are appropriate for the actual wall conditions and will fit within the available mounting surfaces without conflict. Any discrepancies identified between the Bid Documents and existing site conditions—including but not limited to room names, wall conditions, available space, or sign placement—shall be promptly documented and submitted as a Request for Clarification (RFC) for review and resolution prior to proceeding with fabrication or installation. Deliverable: GC to provide and post a marked-up utility plan and emergency contact		

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	list in all field offices. <i>C. Administrative Requirements</i> (1) RFC Reporting: Any discrepancies or deviations from the contract documents during investigative phases must be formally documented and submitted via RFC (Request for Clarification/Change) immediately. (2) Trade Start Meetings: A separate Job Start meeting is required for every trade prior to beginning their specific scope. This shall be scheduled by the CONTRACTOR , with the District management team and AOR included in the invitation. (3) Inspection Coordination: All start-of-work activities must be coordinated with the Project Inspector.		
No. 4	<u>Baseline Schedule Complete:</u> Is defined as an OAR approved baseline schedule that meets all the requirements outlined in Division 01 Sections 01 3213 and 01 1216.	MS 4 - starts after MS 1 with a duration of 30 calendar days	
<i>PHASE 1: HVAC Submittal, Procurement, Delivery, Installation, Commissioning and Training, including Fire Alarm Installation, Cutover, Testing and Acceptance</i>			

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
No. 5a	A. <u>Survey, Submittal, Procurement of HVAC Units</u> <i>(1) Existing Roof Curb Investigation & Verification at the Children Center Building</i> Within 14 days of the NTP, the Contractor must remove a portion of the roofing and plywood skirting (from top to bottom) on one long and one short side of all existing multizone unit curbs and exhaust fan curbs. This opening is required to inspect the existing anchorage, leveling platform, and curb gauge meet the same intent as the plans. a) Attendance & Review: The Contractor must coordinate a site meeting during this opening with the Seasons 4 and Carrier Representatives, OAR, AOR, Mechanical Engineer, Structural Engineer and M&O Representative. The Structural Engineer will determine if the existing anchorage is acceptable. b) Restoration: The Contractor must restore the roofing and skirting to a watertight condition within 24 hours of the investigation. <i>(2) Under-Unit Verification at the Children Center Building</i> Within 14 days of NTP, the Contractor must access the ceiling space to verify existing beams and joists and framing. If field conditions differ from the construction documents, an RFC must be issued immediately. (Note: Make sure to review Phases 1 and 2 FETU reports, prior to verification of crawl or above-ceiling spaces.)	MS 5a - starts after MS 1 with a duration of 284 calendar days	

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	Prior to field work, the contractor shall verify existing rooftop AC and EF unit conditions, duct connections to remain, electrical service, control wiring, etc. Coordination shall occur between mechanical, electrical, controls, and fire alarm trades to confirm installation sequencing, temporary control requirements, and cutover procedures. <i>(3) Submittals</i> The contractor must submit all HVAC shop drawings within 14 calendar days of the NTP. The entire submission and approval process for HVAC must be completed within 60 calendar days upon effective date of NTP. <i>(4) Installation of Temporary AC units with heating capacity in rooms, corridors, offices, etc.</i> a) Submittals and Pre-Installation Coordination (1) Submit for approval proposed temporary HVAC units (minimum 14,000 BTU per unit or as otherwise required, Cooper & Hunter CH-STLS-14AC or similar), including product data, electrical requirements, and layout for each classroom, corridor, kitchen, and office. Minimum 2 per room. Total of 5 classrooms, 1 Principal Office, 1 Reception Area, 1 Work Room, 1 Kitchen. (2) Coordinate with the Owner and M&O to verify electrical capacity, connection points, and load distribution prior to installation.		

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	b) Installation of Temporary AC systems (1) Furnish and install portable air conditioning units with heating capability in each required space within the Classroom Building. (2) Provide all necessary accessories, including power connections, condensate management, exhaust/venting, and safety protections. (3) Ensure installation does not interfere with school operations or required egress. c) Testing and Conditioning Period (1) Fully install and activate the temporary HVAC system at least thirty (30) calendar days prior to the shutdown of the existing rooftop units. (2) Operate, test, and monitor the system continuously during this period to confirm adequate cooling, heating, and reliability. (3) Address any deficiencies, malfunctions, or performance issues immediately at no additional cost to the Owner. (5) <i>Procurement</i> a) Carrier Air Conditioning Unit – approximately 12-week lead time b) Bard Wall Mounted Heat Pump Unit – approximately 16-week lead time c) Season 4 Air Conditioning Unit – approximately 32-week lead time		

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	(Important Note: Due to limited on-site storage availability, the contractor shall account for off-site storage, and include all associated costs in the bid.)		
No. 5b	B. <u>Rooftop AC Unit Installations in Children Center Building</u> <i>(1) Prior to Unit Delivery and Shut Down</i> Electrical feeders, disconnects, grounding, control conduits, and control wiring shall be installed and tested up to the point of final termination. Temporary thermostats required for cutover shall be installed and verified operational. Condensate routing and any required gas piping preparation shall also be completed. All preparatory work shall be inspected by Project Inspection as required and completed in advance of unit deliveries. <i>(2) Crane submittal and other safety requirements</i> The contractor shall submit crane lift plans and site-specific safety documentation for review and approval prior to any lifting operations. No crane work shall commence until all required submittals are approved and a pre-lift safety meeting has been conducted. <i>(3) Pre-Installation Coordination</i> Prior to any field activities, a pre-installation coordination meeting shall be held with the General Contractor and all relevant subcontractors, including mechanical, electrical, controls, fire alarm, carpentry, and roofing. The meeting	MS 5b - starts after MS 1 with a duration of 328 calendar days	

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	shall review site access, safety requirements, inspection points, and crane or lifting operations. A step-by-step replacement procedure shall be developed and agreed upon, detailing the controlled shutdown of the existing rooftop AC and EF units, removal sequencing, installation of the new leveling curb and manufacturer-provided curb, and placement of the new rooftop multi-zone and air handling unit. Safety protocols, lockout/tagout procedures, temporary conditioning measures, and inspection requirements shall be reviewed to ensure a coordinated and safe replacement process with minimal disruption to building operations. <i>(4) Transition to Temporary AC Operation</i> a) Upon successful completion of the testing period, and with Owner approval, decommission the existing multi-zone and air handling rooftop units. b) Ensure no lapse in climate control during the transition. c) Maintain the temporary HVAC system in full operation throughout the duration of the rooftop unit replacement work. Temporary HVAC services shall remain in place until the new system is fully functional and accepted by the Owner. d) Perform routine maintenance, servicing, and monitoring to ensure uninterrupted performance. e) Replace or repair any malfunctioning units immediately. <i>(5) Existing rooftop Multi-Zone and AHU Removal and Shutdown</i>		

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	On the scheduled replacement day, the existing rooftop units shall be shut down in a controlled manner following approved procedures. Electrical, gas, controls, and any associated fire alarm interfaces shall be safely disconnected. The roof opening shall be protected until curb installation is complete and watertight. <i>(6) Installation of Leveling Curb and Manufacturer-Provided Curb</i> A new leveling curb shall be installed at the existing rooftop units' location to correct alignment and elevation as required. Following leveling, the new manufacturer-provided rooftop unit curbs shall be installed, secured, and flashed to maintain a weather-tight roof condition. Curb installations shall be inspected and approved prior to placement of the new units. <i>(7) Ductwork and Flex Connections</i> CONTRACTOR shall expedite the detailing, fabrication, and procurement of supply and return ductwork for the Multizone unit. Upon anchoring the new Multi-Zone unit and AHU roof curbs, the CONTRACTOR—at their own expense—shall immediately detail the lined ductwork and flex connections. Reference Summary of Work for additional information. <i>(8) Installation of New Rooftop Multi-Zone Unit and AHU</i> Setting new rooftop Multi-Zone and AH units, including all mounting hardware, controls, and associated appurtenances required for a complete installation. All work shall be subject to inspection by LAUSD inspectors.		

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	Performing final utility tie-ins, including reconnection of existing electrical, gas, and condensate piping; reconnecting and sealing existing supply and return ductwork to the new unit; integration with fire alarm and EMS systems; complete roofing patch and repair. Weather protection: Contractor shall provide 100% weather protection for all open roof curbs and penetrations during the transition from old to new units. This includes maintaining watertight integrity while curbs are exposed or being modified. Contractor shall be held liable for any interior water damage occurring during the installation window.		
No. 5c	C. <u>Fire Alarm Installation</u> <i>(1) Pre-Construction and System Coordination</i> Prior to any field installation, the contractor shall coordinate the new fire alarm system design with the existing system to allow continuous fire protection throughout construction. Device locations, panel requirements, zoning, sequences of operation, and HVAC interface points shall be confirmed. Wiring pathways shall be identified to allow installation of the new system infrastructure without impairing the existing fire alarm system. Coordination with the mechanical contractor shall be completed to confirm monitoring and shutdown requirements for the new rooftop units. (Note: Make sure to review Phases 1 and 2 FETU reports, prior to verification	MS 5c - starts after MS 1 with a duration of 120 calendar days	

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	of crawl or above-ceiling spaces.) <i>(2) Temporary Fire Protection Planning</i> Where demolition or replacement activities impact existing fire alarm protection, the contractor shall develop and coordinate a temporary fire protection and impairment plan. This may include coordinating temporary monitoring, assisting with fire watch requirements as directed by the OAR. All impairment activities shall be planned and communicated in advance to the OAR and school administration to minimize risk and disruption to building occupants. <i>(3) Installation of New Fire Alarm Infrastructure (Existing System Active)</i> The new fire alarm control panel (FACP), power supplies, and system backbone wiring shall be installed while the existing fire alarm system remains fully operational. New conduits, raceways, and cabling shall be provided as required and routed independently of the existing system. All work shall be coordinated to avoid interference with active life safety systems. <i>(4) Installation of New Devices and HVAC Interfaces</i> New initiating devices (smoke detectors, heat detectors, duct detectors, manual pull stations) and notification appliances shall be installed in their final locations and wired back to the new fire alarm control panel. Interfaces required for the new HVAC rooftop units, including duct detector inputs, supervisory inputs, and fan shutdown relays, shall be installed and wired to the new panel.		

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	All HVAC connections shall be made in coordination with the mechanical contractor, with control wiring landed but not activated until final changeover/cutover. <i>(5) Programming and Pre-Testing of New System</i> Includes, but is not limited to, furnishing and installing a complete fire alarm system, including all field devices, wiring, and a new FACU, provide full system programming and integration with existing building systems (including HVAC/rooftop units emergency shutdown). The new fire alarm system shall be programmed in accordance with approved shop drawings and sequence-of-operations documentation while remaining isolated from the building life safety response. Pre-testing shall be conducted to verify device addressing, circuit integrity, HVAC interface functionality, and communication with monitoring equipment. Any deficiencies identified during pre-testing shall be corrected prior to system cutover.		
No. 5d	<u>D. Fire Alarm Cutover and Multi-Zone and AHU Start-Up and Functional Testing</u> <i>(1) Cutover</i> A scheduled and coordinated cutover shall occur. The existing fire alarm system shall be placed out of service only after the new system is fully installed, programmed, and verified ready for activation. At the time of	MS 5d - starts after MS 5b and 5c with a duration of 1 calendar day	

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	cutover, monitoring services shall be transferred to the new system, HVAC shutdown and supervisory functions (including rooftop units) shall be activated, and the existing system panel and associated devices shall be disconnected. Temporary fire watch or impairment procedures shall be implemented if required. <i>(2) Start-Up and Testing</i> The Mutli-Zone unit and ATU shall be started up and tested for heating, cooling, airflow, controls, and safeties. Fire alarm interactions shall be re-verified during operational testing to confirm no adverse impacts to life-safety systems.		
No. 5e	E. <u>Wall-Mounted Heat Pump Units in the Bungalow</u> <i>(1) Prior to Unit Delivery and Shut Down</i> Prior to field work, the Contractor shall conduct a coordination meeting with the General Contractor and relevant subcontractors to review scope, access, safety, and sequencing. Existing unit locations, electrical connections, wall penetrations, condensate routing, and control interfaces shall be verified. Replacement sequencing shall be planned to minimize disruption, with units typically replaced on a room-by-room basis. <i>(2) Infrastructure Preparation</i>	MS 5e - starts after MS 5c with a duration of 180 calendar days	

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	Before removal of existing units, all preparatory work shall be completed. This includes verification of electrical capacity, installation or modification of mounting brackets as required, preparation of condensate drains, and confirmation that wall openings and sleeves can be reused. Any required minor electrical or control rough-in shall be completed and inspected in advance to minimize downtime. <i>(3) Shutdown and Removal of Existing Units</i> On the scheduled replacement date, the existing wall-mounted heat pump shall be shut down following lockout/tagout and safety procedures. Electrical connections, condensate piping, and refrigerant lines shall be properly disconnected. The existing unit shall be removed, and the wall opening shall be protected and cleaned in preparation for the new installation. <i>(4) Installation of New Wall-Mounted Heat Pump</i> The new wall-mounted heat pump shall be installed in the same location as the removed unit unless noted otherwise. The unit shall be securely mounted, and all refrigerant, electrical, and condensate connections shall be completed per manufacturer and contract requirements. Wall penetrations shall be sealed and finished to maintain weather and interior integrity. <i>(5) Electrical and Controls Connection</i> Electrical power and control wiring shall be terminated at the new unit. Thermostats or local controls shall be installed or reconnected as specified.		

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
	Wiring shall be tested to verify proper communication and operation prior to startup. <i>(6) Startup and Functional Testing</i> The new heat pump shall be started up and tested to verify heating, cooling, airflow, control response, and condensate drainage. Following successful operation, final inspection shall be performed with the Owner or Inspector as required. Areas affected by the work shall be cleaned and restored.		
No. 5f	F. <u>HVAC Test and Balancing, Commissioning and Training</u> Provide HVAC testing and balancing by a certified agency to verify system performance in accordance with the Contract Documents. Complete commissioning to confirm proper operation of equipment, controls, and sequences of operation, and provide owner training on system operation and maintenance prior to final acceptance. After the new HVAC system is fully operational and accepted by the Owner, remove all temporary units, equipment, and associated components from the site. Coordinate with the Owner prior to transitioning from temporary to permanent systems. Restore all affected areas to their original or better condition.	MS 5f - starts after MS 5d with a duration of 60 calendar days	
	PHASE 2A: Exterior (West Side of Campus)		

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
No. 6a	Includes, but is not limited to, new access walk, cobble stone swale, colored concrete and striping, permeable pavers, protective padding at shade structure columns, drinking fountain, new play mat, natural log border, composite decking, GraniteCrete paving, planting and irrigation, signs, landscape furniture. Coordinate with OAR prior to demo to determine locations. Emergency egress access: Install compliant, removable temporary walkway to maintain emergency egress routes for Classrooms 1, 2, 3 and 4 to the Safe Harbor Area located at Sylvan Park ES. Schedule & Noise Constraints: All heavy demolition, waste removal, and indoor construction must be performed after 5:30 PM on weekdays or on Saturdays. All work must strictly adhere to the City of Los Angeles noise ordinance to ensure compliance with local decibel limits and allowable work hours. Soil Testing and Management: Execute all required import/export material testing at every project phase in strict compliance with Specification 01 4524 for Environmental Import/Export Material Testing. This includes sampling for environmental compliance and managing the hauling/removal of soil from the site. Temporary irrigation and maintenance of softscape/planting: Contractor is responsible for temporary irrigation and maintenance of all on-site planting (existing and new) for the duration of the system shutdown. Temporary watering measures must be sufficient to maintain plant health, and the Contractor shall be liable for any landscaping replacement costs resulting from inadequate care.	MS 6a - starts after MS 2 and 3 with a duration of 120 calendar days	

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
PHASE 2B: Interior (All Gender Restroom)			
No. 6b	• <i>Complete Staff Restroom within 120 calendar days</i> Schedule & Noise Constraints: All heavy demolition, waste removal, and indoor construction must be performed after 5:30 PM on weekdays or on Saturdays. All work must strictly adhere to the City of Los Angeles noise ordinance to ensure compliance with local decibel limits and allowable work hours.	MS 6b - starts after MS 2 and 3 with a duration of 120 calendar days	
PHASE 3A: Exterior (North Side of Campus)			

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
No. 7a	Includes, but is not limited to, new protective padding for post columns on the shade structures, new music and movement platform, new assistive listening sign and portable speaker system, new access walk, modification of (E) chainlink fencing, new door threshold and kickplate, new rubber play surface, concrete ramp, GraniteCrete paving, cobblestone dry swale, composite decking, permeable pavers, signs, landscape furniture, planting and irrigation systems. Emergency egress access: Install compliant, removable temporary walkway to maintain emergency egress routes for Classrooms 1, 2, 3, 4 and 5 to the Safe Harbor Area located in Sylvan Park ES. Schedule & Noise Constraints: All heavy demolition, waste removal, and indoor construction must be performed after 5:30 PM on weekdays or on Saturdays. All work must strictly adhere to the City of Los Angeles noise ordinance to ensure compliance with local decibel limits and allowable work hours. Soil Testing and Management: Execute all required import/export material testing at every project phase in strict compliance with Specification 01 4524 for Environmental Import/Export Material Testing. This includes sampling for environmental compliance and managing the hauling/removal of soil from the site. Temporary irrigation and maintenance of softscape/planting: Contractor is responsible for temporary irrigation and maintenance of all on-site planting (existing and new) for the duration of the system shutdown. Temporary watering measures must be sufficient to maintain plant health, and the Contractor shall be liable for any landscaping replacement costs resulting from inadequate care.	MS 7a - starts after MS 6a with a duration of 120 calendar days	

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
PHASE 3B: Interior (All Gender Children Restrooms in the Children's Center Building)			
No. 7b	• <i>Complete All Gender Children Restroom in 150 calendar days</i> Schedule & Noise Constraints: All heavy demolition, waste removal, and indoor construction must be performed after 5:30 PM on weekdays or on Saturdays. All work must strictly adhere to the City of Los Angeles noise ordinance to ensure compliance with local decibel limits and allowable work hours.	MS 7b - starts after MS 6b with a duration of 150 calendar days	
PHASE 4: Exterior (South Side Main Entrance)			

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
No. 08	Includes, but is not limited to, access walk and stairs south of campus, new metal gates and chainlink fencing, new accessible door, new intercom call button, new bollard, live-edge wood cookie pavers, natural log border, signs, landscape furniture, planting and irrigation systems. This also includes the completion and testing of the irrigation control systems and training of district personnel to familiarize themselves with the new system. Emergency egress access: Install compliant, removable temporary walkway to maintain emergency egress routes from the main entrance of the Children’s Center Building to the Parking Lot and to Delano Street. Schedule & Noise Constraints: All heavy demolition, waste removal, and indoor construction must be performed after 5:30 PM on weekdays or on Saturdays. All work must strictly adhere to the City of Los Angeles noise ordinance to ensure compliance with local decibel limits and allowable work hours. Soil Testing and Management: Execute all required import/export material testing at every project phase in strict compliance with Specification 01 4524 for Environmental Import/Export Material Testing. This includes sampling for environmental compliance and managing the hauling/removal of soil from the site. Temporary irrigation and maintenance of softscape/planting: Contractor is responsible for temporary irrigation and maintenance of all on-site planting (existing and new) for the duration of the system shutdown. Temporary watering measures must be sufficient to maintain plant health, and the Contractor shall be liable for any landscaping replacement costs resulting from inadequate care.	MS 8 - starts after MS 7a with a duration of 120 calendar days	

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
PHASE 5: Parking Lot			
No. 09	Includes, but is not limited to, new asphalt paving, parking striping, bollards, detectable warning surface and accessible parking, new accessible gate, signage. Schedule & Noise Constraints: All heavy demolition, waste removal, and indoor construction must be performed after 5:30 PM on weekdays or on weekends or Non-Instructional days. All work must strictly adhere to the City of Los Angeles noise ordinance to ensure compliance with local decibel limits and allowable work hours. Soil Testing and Management: Execute all required import/export material testing at every project phase in strict compliance with Specification 01 4524 for Environmental Import/Export Material Testing. This includes sampling for environmental compliance and managing the hauling/removal of soil from the site.	MS 9 - starts after MS 8 with a duration of 90 calendar days	
No. 10	Rain Day Impact Allowance: Is defined as the last activity prior to the Substantial completion Milestone. No other activities may be concurrent with it. The duration of the Rain Day Impact Allowance activity will be based on Table#1, Sec 013216, and be calculated from the Notice to Proceed until the Substantial Completion Date.	MS 10 - start after MS 9 with a duration of 48 calendar days	
No. 11	<u>Substantial Completion:</u> Is established in accordance with Article 14.12-14.13 of the General Conditions.	MS 11 – 530 calendar days from effective date of the NTP	\$750 / day

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

Milestone	Description	Schedule	Liquidated Damages Amount Per Calendar Day
No. 12	<u>Contract Completion</u> : Is established in accordance with Article 14.18-14.19 of the General Conditions.	MS 12 - start after MS 11 with a duration of 30 calendar days	\$750 / day

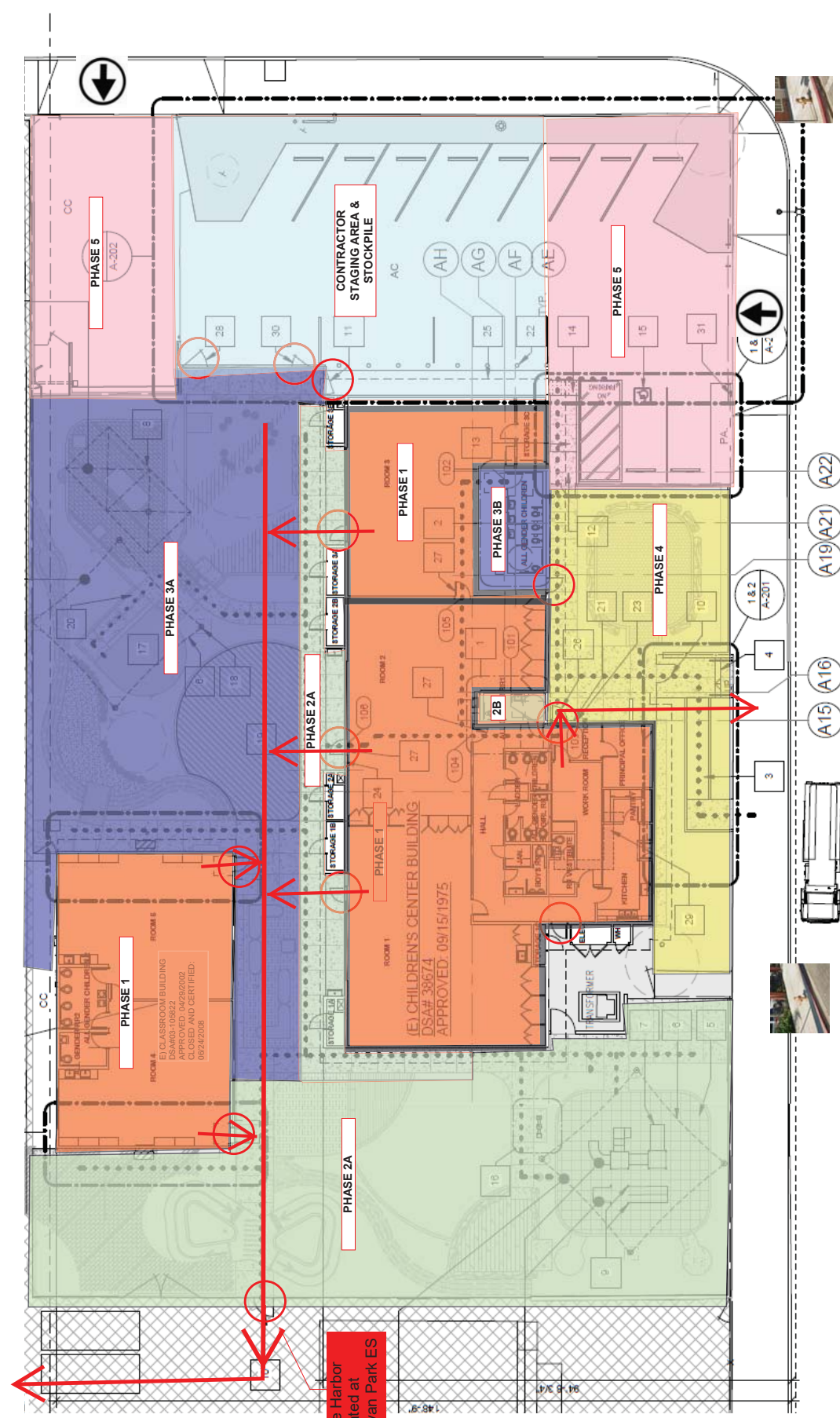
END OF SECTION

* Milestone date to be determined by CONTRACTOR during development of the Construction Schedule and submitted to the OAR for approval.

ADDENDUM 001
OUTDOOR CLASSROOM AND CAMPUS UPGRADE
SYLVAN PARK EARLY EDUCATION CENTER

04/30/2020

PHASING OF THE WORK APPENDIX A
01 1219-23



LEMONA AVENUE

SYLVAN PARK EEC Outdoor Classroom & Campus Upgrade PHASING & LOGISTICS PLAN

LEGEND:

- Building Exits
- Vehicular Gate Access
- Emergency Egress

PHASE 0	30 days	Mobilization
PHASE 1	359 days	HVAC Equipment Submittal, Procurement and Delivery and Installation, and Fire Alarm Installation
PHASE 2A	120 days	New access walk, play mat, planter, drinking fountain
PHASE 2B	120 days	All Gender Restroom
PHASE 3A	120 days	New access walk, play mat, planter
PHASE 3B	150 days	Student Restrooms
PHASE 4	120 days	New access walk and stairs, pavers
PHASE 5	90 days	Parking - Asphalt paving, striping, bollards, accessible parking

Safe Harbor
located at
Sylvan Park ES

SECTION 01 5639

TEMPORARY TREE AND PLANT PROTECTION

PART 1 - GENERAL

1.01 SUMMARY

- A. Work Included: All labor, materials, equipment, services, and miscellaneous incidental work to provide tree protection as indicated on the Contract Drawings, including:
 - 1. Protecting the health and general wellbeing of existing trees and understory plants within Contract limits that are noted to remain.
 - 2. Trimming, cabling, and repairs of existing trees and understory plants that interfere with, or are affected by, execution of the Work.
 - 3. Maintenance of existing protected trees and understory plants during all project phases.
- B. Related Sections:
 - 1. Division 01 - General Requirements.
 - 2. Section 01 3119 – Project Meetings.
 - 3. Section 01 5000 – Construction Facilities and Temporary Controls.
 - 4. Section 31 1000 - Site Clearing.
 - 5. Section 31 2200 - Grading.
 - 6. Section 32 9000 - Planting.

1.02 REFERENCES

- A. Reference Standards: Published specifications, standards, tests, or recommended methods of trade, industry, or governmental organization apply to requirements of this Section.
- B. International Society of Arboriculture (ISA) “Guide for Establishing Values of Trees and Other Plants,” prepared by the Council of Tree and Landscape Appraisers (CTLA).
- C. Tree Pruning Standards: Comply with ANSI A300, “Trees, Shrubs, and Other Woody Plant Maintenance-Standard Practices,” unless more stringent requirements are indicated.

ADDENDUM 001

OUTDOOR CLASSROOM AND CAMPUS UPGRADE
SYLVAN PARK EARLY EDUCATION CENTER

04/24/2026
TEMPORARY TREE AND PLANT PROTECTION
01 5639-1

DEFINITIONS

- A. Soil Compaction: pressure applied to soil particles caused by manual and/or mechanical forces, reducing the amount of air and water space between them, increasing soil density and hardness. It is a serious form of soil degradation that makes it hard for plant roots to grow, hinders water infiltration (causing runoff), reduces air exchange, and negatively affects soil organisms like earthworms.
- B. Diameter at Breast Height (DBH): A standard method of measuring the size of a tree. This measurement is taken, in inches, at 4.5-feet above the ground.
- C. Drip Line: Outermost limits of the tree canopy.
- D. Root Zone: The ground area surrounding each tree containing its root system, defined by a radius equal to the trunk diameter at breast height (DBH) in inches multiplied by 1.5 feet per inch. For example, a 10-inch DBH tree would have a root zone extending 15 feet from the trunk in all directions.
- E. Protected Root Zone (PRZ): The part of the Root Zone of a Protected Tree which must be protected from construction damage. The Protected Root Zone for other existing plants will be indicated on the Tree Disposition Plan.
- F. Protected Tree: Existing trees to remain in place.
- G. Tree Disposition Plan: Produced by the ARCHITECT's Landscape Architect consultant, containing information based on the Arborist Report.
- H. Damage: Adverse impacts to a Protected Tree, including any of the Prohibited Practices listed in paragraph below.
- I. Prohibited practices within, and immediately adjacent to, Protected Root Zones include, but are not limited to:
 - 1. Breaking branches.
 - 2. Scraping, skinning or bruising of bark.
 - 3. Unauthorized cutting of branches, roots, or any other living tissue. Cutting of tree roots by utility trenching, foundation digging, placement of curbs and trenches, and other miscellaneous excavation shall not be performed without prior written approval by OAR.
 - 4. Use of trees as support posts, power poles, or signposts, nailing or bolting into trees or using trees as temporary support in any way, including cabling around any part of the tree.
 - 5. Unauthorized filling, excavating, trenching, or use of augers.
 - 6. Operation and parking of vehicles or grading machinery.

ADDENDUM 001

7. Storage of materials, tools, and equipment.
8. Dumping or stockpiling construction waste, refuse, or excavated materials.
9. Disposal of liquid waste or contaminants on trees or in an area that drains toward trees. Such prohibited substances include but are not limited to paint, petroleum products, wastewater, concrete slurry, and other deleterious materials.
10. Burning trash or green waste, and other activities that produce excessive heat.
11. Activities and operations that produce excessive water.
12. Unauthorized removal or relocation of trees or understory plants that have been noted to remain.
13. Unauthorized removal of tree protection fencing or barricades prior to completion of the Project.
14. Any other prohibited practices that have been noted on the Tree Disposition Plan.

1.04 QUALITY ASSURANCE

- A. General Responsibility: The CONTRACTOR shall be directly responsible for protection and welfare of the existing trees and understory plants within the Contract limits, which are noted to remain. This responsibility shall continue throughout all project phases until the entire project is completed and accepted by the OAR.
- B. Work covered by this Section shall be performed under the supervision of an Arborist, certified by the International Society of Arboriculture and licensed in the jurisdiction where the project is located. The Arborist will be retained and paid by the CONTRACTOR. The Arborist shall monitor Project demolition and construction activities and shall be present at the site to direct tree protection and trimming operations.
- C. Pre-Installation Conference:
 1. Prior to performing any work of the Contract, the CONTRACTOR shall call for a site meeting with the OAR. The purpose of the meeting shall be to field-verify the condition of all existing trees to be protected by the CONTRACTOR.
 2. Prior to the meeting, the CONTRACTOR shall mark trees and understory plants to be removed, as indicated on the Contract Drawings. The CONTRACTOR will then field-verify with the ARCHITECT that marked trees and plants scheduled for removal are correct.

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01 5639-3

3. The CONTRACTOR shall coordinate and conduct the pre-installation conference in conformance to Section 01 3119, Project Meetings, prior to performing any work of this Section.
4. Failure of the CONTRACTOR to call for a Pre-Installation Conference implies acceptance of trees to be protected in their existing condition.

1.05 SUBMITTALS

- A. Submit manufacturer product data and literature describing each type of product required by this Section.
- B. Tree Certification prepared by the Arborist stating trees indicated to remain have been:
 1. Protected during all project phases according to recognized standards.
 2. Promptly and properly treated and repaired when damaged.
 3. Certification shall be submitted to the OAR at project substantial conclusion.

1.06 WARRANTY

- A. CONTRACTOR shall guarantee that trees covered by the provisions of this Section shall be healthy and in flourishing condition of active growth one year from the date of final completion. Refer to Article 3.06 for damage and repair compensation.
- B. During the warranty period the CONTRACTOR shall be liable for damages to all trees covered by the provisions of this Section and shall pay compensation to the OAR.
 1. The CONTRACTOR shall reimburse OAR for the loss of trees due to damage or lack of care.
 2. For trees injured but not a complete loss, the amount of penalty shall be determined by the OAR.
- C. CONTRACTOR will not be held responsible for tree losses due to neglect by the OAR, vandalism, natural disasters, etc., during the warranty period. Report on such conditions promptly to the OAR.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Temporary Tree Protection Fencing:
 1. Where indicated on the Drawings, or as necessary for construction logistics, install heavy-duty orange plastic mesh fencing fabric 48-inches tall. Fencing

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shall be attached to metal “U” or “T” post driven into the ground of sufficient depth to hold the fabric solidly in place without sagging. Fabric shall be attached to posts using attachment ties of sufficient number and strength to hold up the fabric without sagging. OAR may request additional posts, deeper post depths, and/or additional fabric attachments if the fabric begins to sag, lean, or otherwise not present a sufficient barrier to access.

2. Where indicated on the Contract Drawings, install metal chain link fence in conformance with Section 01 5000, Construction Facilities and Temporary Controls. Fence shall be six feet in height, unless it is also part of a temporary security fence / barricade per Section 01 5000, in which case, the fence height shall be eight feet.
3. Fencing posts located on asphalt or concrete paving that will not be demolished may be supported on grade level concrete bases.

B. Organic Mulch: Shredded hardwood bark, free of deleterious materials.

PART 3 – EXECUTION

3.01 TREE PROTECTION

- A. Temporary Fencing: Install temporary fencing around trees to be preserved at their dripline or at a minimum of 15’ from the tree’s trunk. Stands of trees may be fenced as a group. OAR may inspect fence locations to determine if fence is installed as noted on plans. CONTRACTOR shall move, add, or remove fencing if not installed per Contract Drawings, or as directed in writing by the OAR.
- B. Avoid injury to tree roots when driving posts into the ground. Protect tree root systems from damage caused by runoff or spillage of noxious materials while mixing, placing, or storing construction materials or washing equipment. Keep Protected Root Zones free of ponding, eroding, or excessive wetting caused by dewatering operations.
- C. Apply 3-inch average thickness of organic mulch over Protected Root Zones where indicated on plans to minimize compaction. Do not place organic mulch within 6-inches of tree trunks.
- D. During the course of the project, relocation of the fence may be required to facilitate work. The CONTRACTOR shall do so only as directed by the OAR in writing.
- E. Maintain fence enclosed Protected Root Zones in pre-construction condition and free of weeds and trash.

3.02 EXCAVATION AROUND PROTECTED TREES

- A. Do not excavate within Protected Root Zones, unless otherwise indicated. Excavation or

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01 5639-5

fill within driplines of trees shall be done only where necessary and only under the supervision and direction of the Arborist. Install shoring or other protective support systems to minimize sloping or benching of excavations adjacent to Protected Root Zones.

- B. Where trenching for utilities is required within driplines, work shall be performed under the supervision and direction of the Arborist. Tunnel under or around roots by drilling, auger boring, pipe jacking, or digging by hand. Use an air spade, if feasible.
- C. Root Pruning
 - 1. Do not cut main lateral roots or taproots; cut only smaller roots that interfere with installation of utilities.
 - 2. Cut roots with sharp pruning instruments; do not break or chop.
 - 3. Damaged roots or roots requiring removal that are larger than 2-inch diameter shall be cleanly cut by a hand saw. Cuts shall be made back to healthy root tissue.
 - 4. Exposed roots and soil areas shall not be allowed to dry out before permanent backfill is placed. Temporary earth cover or organic mulch shall be provided, or roots shall be packed with wet peat moss or four layers of wet, untreated burlap. Provide temporary support and protect roots from damage until permanently covered with backfill. Temporary cover over the roots shall be wetted daily to the point of runoff.
 - 5. If branch thinning is required to balance loss of roots, thinning shall not exceed 30 percent of existing foliage and work shall be supervised and directed by the OAR.

3.03 REGRADING

- A. Grade Changes: Where new finish grade is indicated below or above existing grade around trees, slope grade beyond Protected Root Zones. Maintain existing grades within Protected Root Zones, and within 5-feet beyond.

3.04 TREE PRUNING

- A. Trees that require pruning shall be inspected by the Arborist, OAR, and the CONTRACTOR before commencing work. All pruning shall be in accordance with the standards of the International Society of Arboriculture or as directed in writing by the OAR.
- B. Tree pruning, unless indicated otherwise, shall be performed under the supervision and direction of the Arborist.

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- C. Branches that interfere with project work may be tied back or pruned only to the extent necessary for the work to be performed and completed. Tying back or trimming of branches shall be in accordance with accepted arboricultural practices.
- D. Dead and damaged trees that are determined by the OAR and the Arborist to be incapable of restoration to normal growth pattern shall be removed.
- E. Prune all dead or hazardous branches larger than 2 inches in diameter from all trees to remain. Cut evenly, using proper tools and skilled workmen to achieve neat severance with the least possible damage to the tree.
- F. Implement pruning recommendations found in the Tree Disposition Plan and Arborist Report'. It is the Contractor's responsibility to follow pruning recommendations found in the Arborist Report.

3.05 TREE REMOVAL

- A. Trees designated for removal shall be removed to a point at least one foot or more below subgrade.
- B. Trees shall not be felled. Removal shall be in sections and lowered to the ground to minimize damage to other trees and planting, and to protect against injury to anyone in the vicinity.
- C. Tree removal shall include cleanup of all wood parts, grinding of the stump to a depth sufficient to plant replacement trees or plants, removal of all wood chips from the stump site and filling the resulting hole with topsoil.

3.06 DAMAGE AND REPAIR COMPENSATION

- A. Damage to existing tree trunks, branches, or roots over 2-inches in diameter shall be immediately reported to the OAR in writing. Repairs shall be performed promptly, as determined by the OAR at the CONTRACTOR's expense. All repair work shall be performed by skilled workmen under the supervision and direction of an approved, certified Arborist.
- B. The OAR shall determine what repairs are appropriate for trees and protected understory plants damaged by project work. Repairs shall be made promptly after damage occurs to prevent progressive deterioration.
- C. Any understory plant or tree to remain that is damaged, destroyed, or removed owing to the CONTRACTOR's negligence or failure to provide adequate protection shall be compensated for in accordance with "The Guide for Establishing Values of Trees and Other Plants", published by the International Society of Arboriculture, at no cost to the OWNER.
- D. Damaged trees and understory plants that die as a result of injury caused by project

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work shall remain the property of the OWNER and shall remain or be removed by the CONTRACTOR as determined and directed by the OAR, at no cost to the OWNER.

- E. Replacements shall be installed in accordance with the provisions outlined in Section 32 9000, Planting.

3.07 MAINTENANCE

- A. CONTRACTOR shall be responsible for performing periodic inspections of existing trees and understory plants to be preserved.
- B. CONTRACTOR shall notify the OAR when additional specialists may be required to perform periodic inspection work or additional maintenance services to ensure the health and general wellbeing of the trees and understory plants to be preserved.
- C. Throughout all project phases, the CONTRACTOR shall provide potable water irrigation to all trees and understory plants to be preserved. Soil moisture shall be maintained to ensure the health and general wellbeing of the trees and understory plants.
- D. CONTRACTOR shall adjust the automatic irrigation system and/or manually apply water using hoses or water tanks as required. Adjust the frequency and duration of watering according to climatic conditions, terrain, soil properties, and the horticultural needs of the plants.
- E. CONTRACTOR shall periodically test the moisture content of the soil within protected root zone areas.
- F. Periodically remove weeds, rubbish, debris, and all other waste materials from protected root zones. Legally dispose of off Project site.

END OF SECTION

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