



May 05, 2022

**Rainforth Grau Architects Project No. 21-1504.07**  
DSA File and Application No. 34-53 / 02-119973  
PTN: 67439-393

### ADDENDUM NO. 1

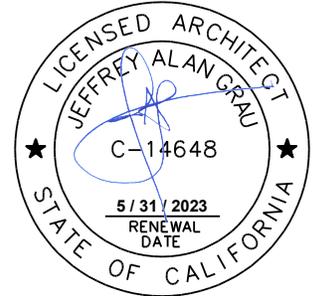
Shade Structure at Tahoe Elementary School  
Sacramento, California

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Rainforth Grau Architects

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Peters Engineering



1. ALL WORKMANSHIP, MATERIALS, APPLIANCES AND EQUIPMENT which may be included in the following items shall be the same relative quantity as described for similar work set forth in the original or main specifications of which these Addendum items shall be considered a part.

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**Business Services**

**Contracts Office**

5735 47th Avenue • Sacramento, CA 95824

(916) 643-2464

*Rose Ramos, Chief Business Officer*

*Jessica Sulli, Contract Specialist*

**ADDENDUM NO. 1**

Date: May 4, 2022

Issued by: Sacramento City Unified School District

Project: **SCUSD Project No. 454-1**  
**Shade Structures Group 1A**

This Addendum shall supersede the original Information, attachments, and specifications regarding RFQ/P where it adds to, deletes from, clarifies or otherwise modifies them. All other conditions and any previous addenda shall remain unchanged.

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**ADD 1 - For 02-119973 Shade Structure at Tahoe Elementary School**

**Drawings**

- A. Sheet A0.2, Typical Mounting Heights and Details
  - 1. ADD Detail 11, Concrete Sidewalk per sheet AD1.01 included with this addendum
  - 2. ADD Detail 12, Storm Drain Trench per sheet AD1.02 included with this addendum
- B. Sheet A0.7, Local Fire Authority Site Plan
  - 1. Detail 1, Local Fire Authority Site Plan: REVISE existing AC paving under Unit SS to a concrete pad per 2/AD1.03
- C. Sheet A1.1.0, Site Plan and Code Information
  - 1. Detail 1, Site Plan: REVISE existing AC paving under unit SS to a concrete pad per 2/AD1.03
- D. Sheet A1.1.1, Partial Site Plans and Details

1. DELETE in its entirety and REPLACE with sheet AD1.03 included with this addendum.
- E. Sheet E1.1, Site Plan - Electrical
1. DELETE in its entirety and REPLACE with sheet AD1.04 included with this addendum.
- F. Sheet E3.1, Details
1. DELETE in its entirety and REPLACE with sheet AD1.05 included with this addendum.

**ADD 1 - For 02-119975 Shade Structure at Sequoia Elementary School**

**Project Manual**

- A. Table of Contents
1. DELETE Table of Contents in its entirety and REPLACE with Table of Contents included with this addendum.
- B. Section 03 2000, Concrete Reinforcing
1. ADD Section 03 2000, Concrete Reinforcing included with this addendum.
- C. Section 04 2200, Concrete Masonry Unit
1. ADD Section 04 2200, Concrete Masonry Unit included with this addendum.

**ADD 1 - For 02-119976 Shade Structure at New Joseph Bonnheim Elementary School**

**Drawings**

- A. Sheet AD.7, Local Fire Authority Site Plan
1. Detail 1, Local Fire Authority Site Plan: REVISE AC paving at accessible parking stalls and accessible aisles to concrete per AD1.02.



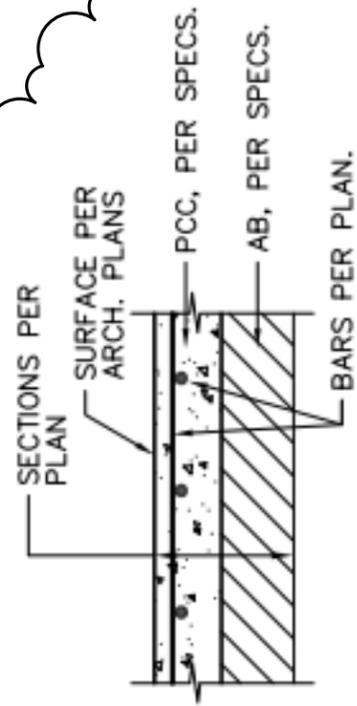
- B. Sheet C2.1, Grading and Paving Plan
1. DELETE in its entirety and REPLACE with sheet AD1.01 included with this addendum.
- C. Sheet A1.1.0, Site Plan and Code Information
1. Detail 1, Site Plan: REVISE AC paving at accessible parking stalls and accessible aisle to concrete per AD1.02
- D. Sheet A1.1.1, Partial Site Plans and Details
1. Detail 13, Enlarged Site Plan – Parking: REVISE per sheet AD1.02 included with this addendum

**END OF ADDENDUM NO. 1**

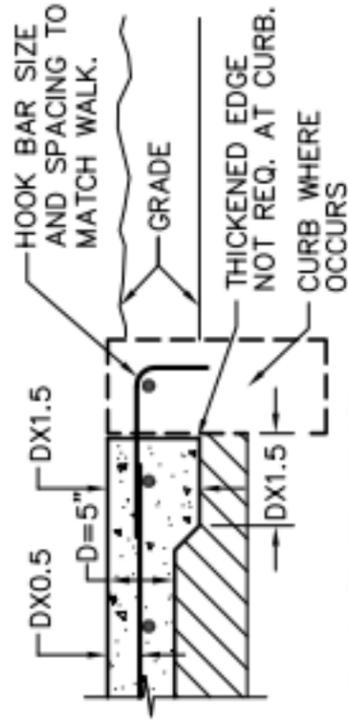
**Vendor to sign as acknowledgment of receipt and return with Bid:**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Company Name (please print) \_\_\_\_\_

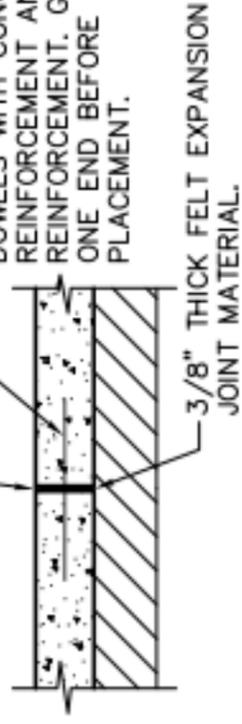


**TYPICAL SECTION**



**TYPICAL THICKENED EDGE**

"SNAP CAP" AND JOINT SEALANT, FLUSH WITH TOP OF PAVEMENT.  
 1/2"X24" SMOOTH DOWEL, 6" EMBEDMENT. DOWELS SHALL BE SET LEVEL, ALIGN DOWELS WITH CONCRETE REINFORCEMENT AND TIE TO REINFORCEMENT. GREASE ONE END BEFORE CONCRETE PLACEMENT.



**TYPICAL JOINTS**

- NOTES:**
1. PROVIDE FELT EXPANSION JOINTS AT 20 FEET O.C. MAX.
  2. PROVIDE CONTROL JOINTS AT 10 FEET O.C. MAX.
  3. EXPANSION OR CONTROL JOINTS SHALL NOT EXCEED 1/2" IN SURFACE WIDTH.

**11 CONCRETE SIDEWALK**

NOT TO SCALE



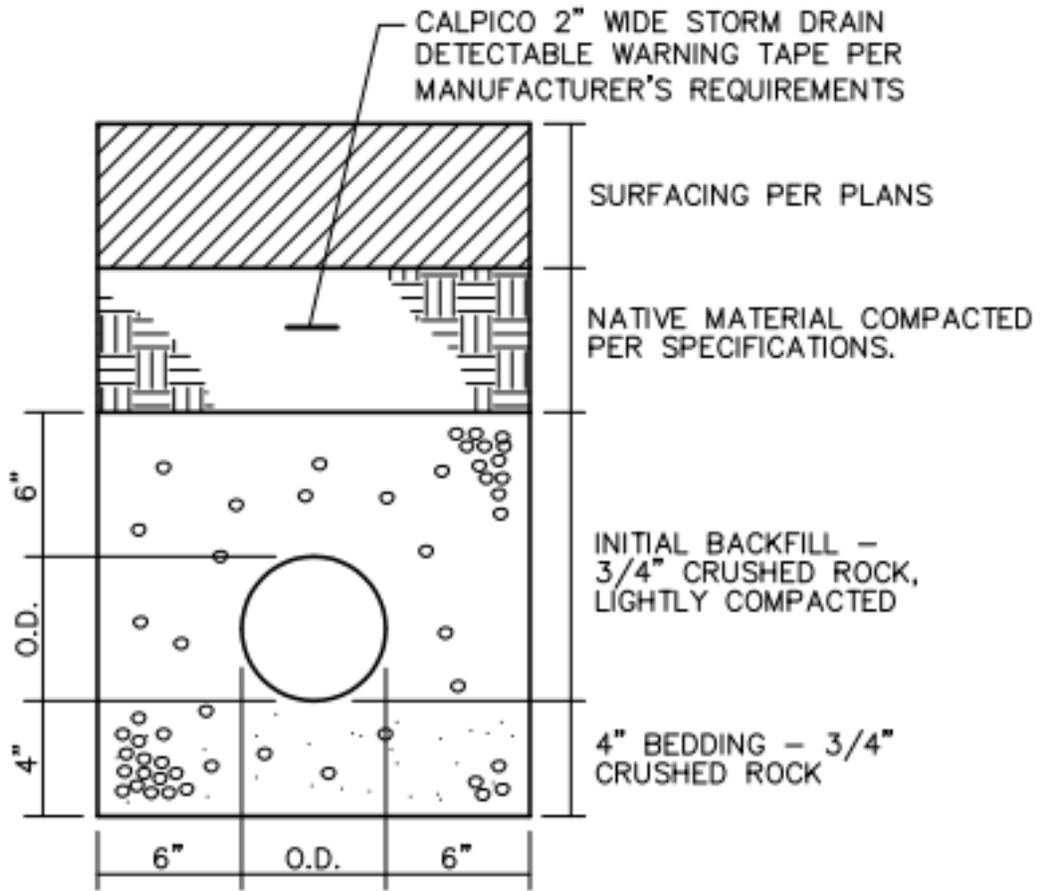
ADDENDUM 1

ALL FEATURES, NOTES AND DIMENSIONS NOT SPECIFICALLY SHOWN OR NOTED AS CHANGED SHALL REMAIN AS SHOWN ON PREVIOUSLY ISSUED DOCUMENTS.

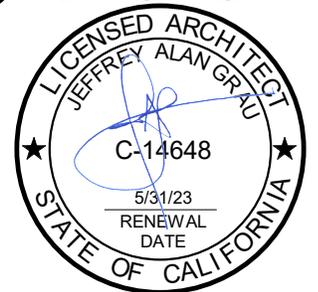


**CONCRETE SIDEWALK A0.2**  
 SHADE STRUCTURE AT TAHOE ELEMENTARY SCHOOL  
 SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
 SACRAMENTO, CA  
 DSA APP.02-119973

DATE: 04/29/22  
 PROJECT NO.: 21-1504.07  
 SHEET: **AD1.01**



**12** **STORM DRAIN TRENCH**  
NOT TO SCALE



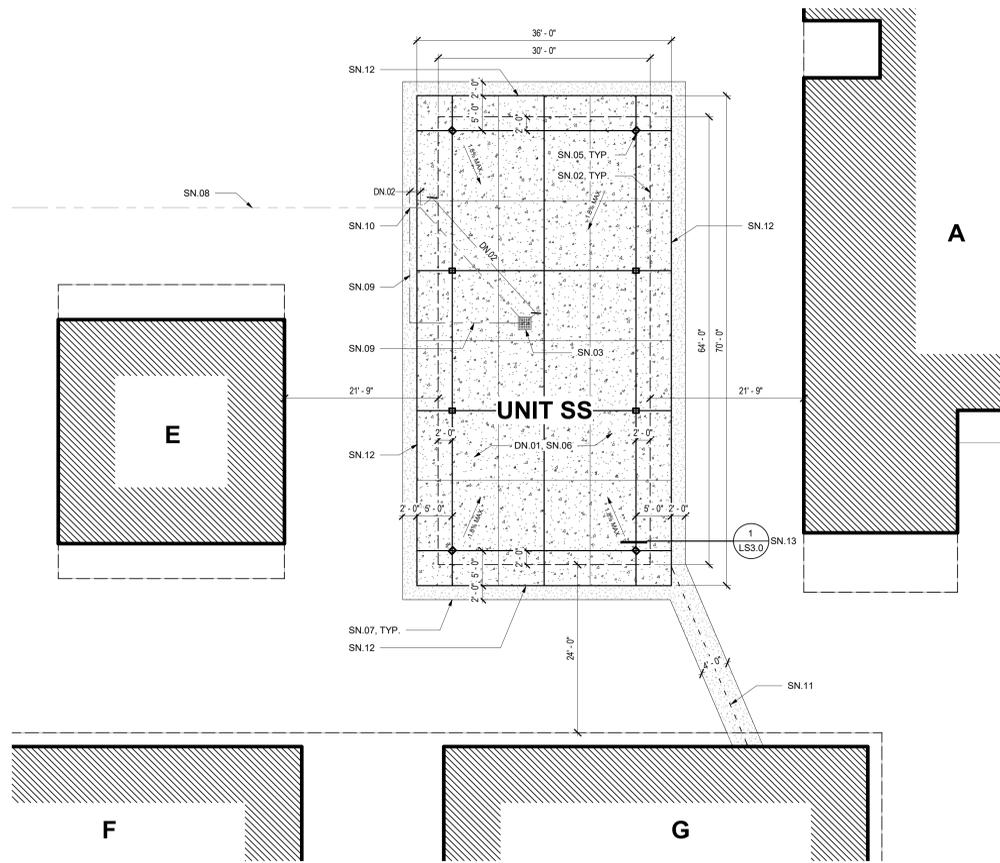
ALL FEATURES, NOTES AND DIMENSIONS NOT SPECIFICALLY SHOWN OR NOTED AS CHANGED SHALL REMAIN AS SHOWN ON PREVIOUSLY ISSUED DOCUMENTS.

ADDENDUM 1

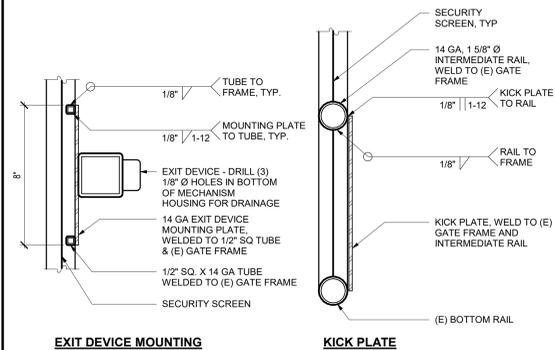


**STORM DRAIN TRENCH** **A0.2**  
SHADE STRUCTURE AT TAHOE ELEMENTARY  
SCHOOL  
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
SACRAMENTO, CA  
DSA APP.02-119973

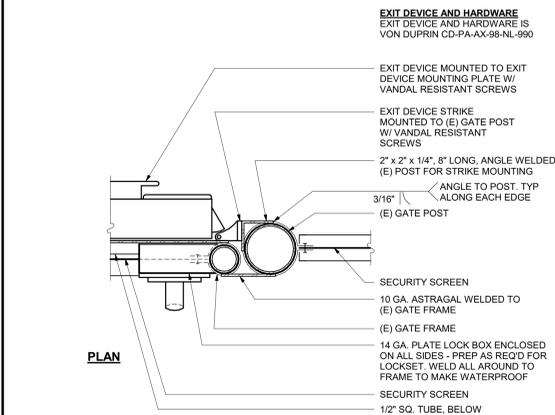
DATE: 04/29/22  
PROJECT NO.: 21-1504.07  
SHEET:  
**AD1.02**



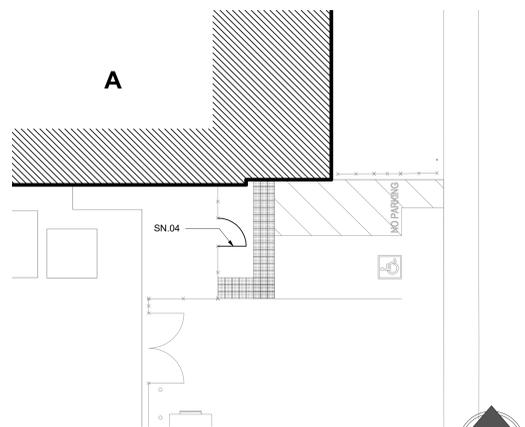
**2 ENLARGED SITE PLAN - SHADE STRUCTURE**  
1" = 10'-0"



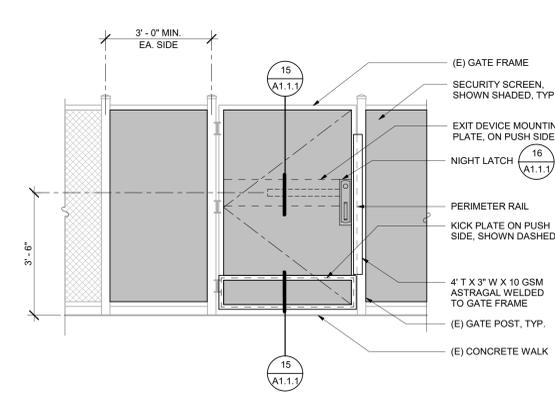
**15 MOUNTING PLATE / KICK PLATE**  
3" = 1'-0" 32511



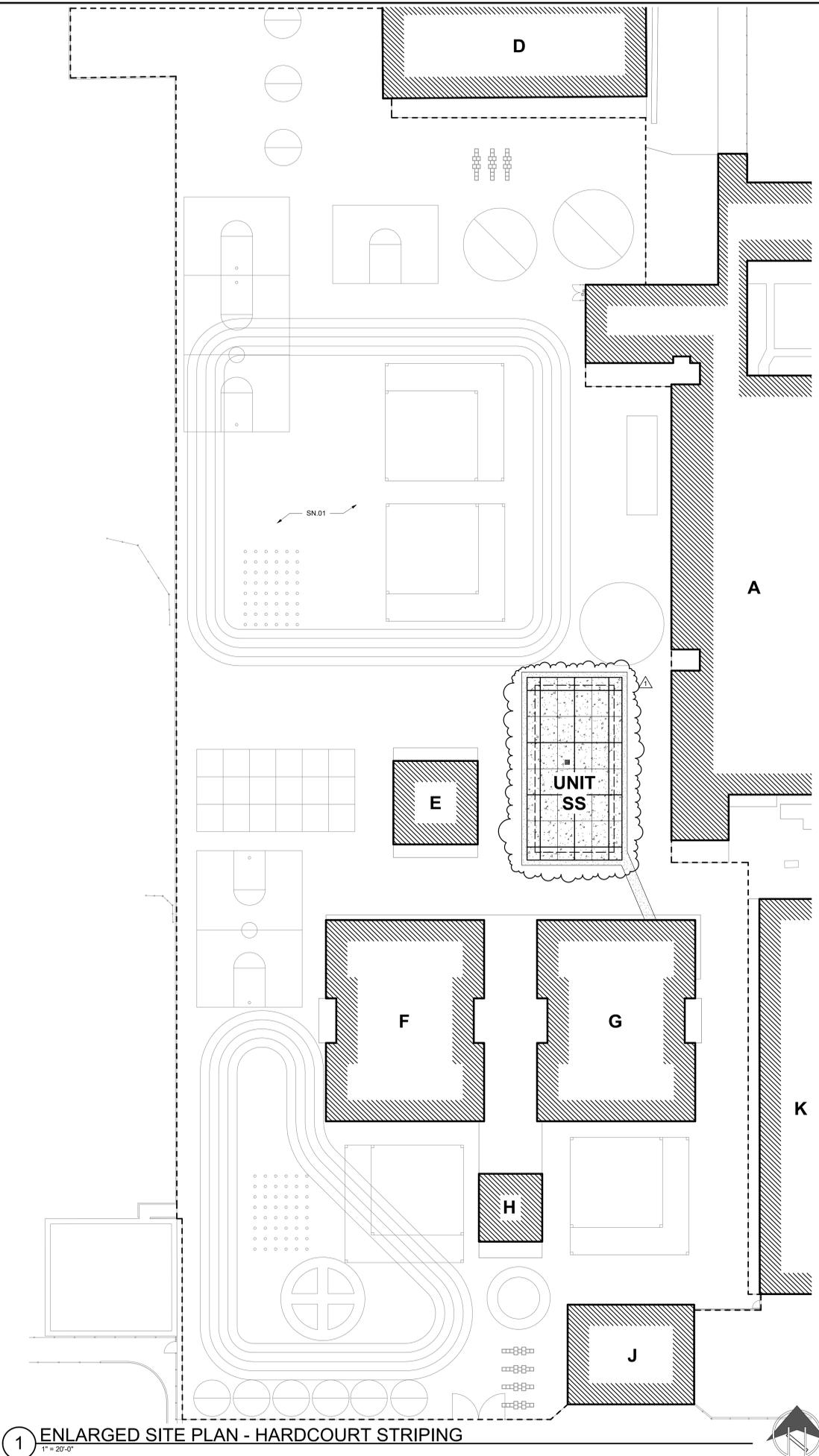
**16 GATE LOCK BOX**  
3" = 1'-0" 32512



**3 ENLARGED SITE PLAN - GATE**  
1" = 10'-0"



**12 CHAIN LINK FENCE - EXIT GATE**  
1/2" = 1'-0" 32510



**1 ENLARGED SITE PLAN - HARDCOURT STRIPING**  
1" = 20'-0"

- LEGEND**
- PROPERTY LINE
  - ASSUMED PROPERTY LINE
  - UNIT DESIGNATION: PC SHADE STRUCTURE / DEFERRED APPROVAL
  - UNIT DESIGNATION: EXISTING BUILDINGS
  - EXPANSION JOINT
  - CONCRETE WALK / PAVING
  - CONTROL JOINT
  - ASPHALT CONCRETE PAVING

- GENERAL NOTES**
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXTENT OF CRACK REPAIR AT (E) HARDCOURT.
  - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING (E) STRIPING CONDITIONS AND VERIFYING EXACT LAYOUT TO BE RESTRIPTED WITH DISTRICT.

- DEMOLITION NOTES**
- DN 01 SAWCUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
  - DN 02 REMOVE AND DISPOSE OF EXISTING STORM DRAIN PIPE TO EXTENT SHOWN.

- SHEET NOTES**
- SN 01 ALTERNATE 1: (E) HARDCOURT SHALL RECEIVE CRACK REPAIRS AND 2 COATS OF SEAL COAT. (E) STRIPING IS TO BE RESTRIPTED OVER SEAL COAT. EXTENTS SHOWN DASHED.
  - SN 02 ROOF OVERHANG ABOVE, PER PC SHADE STRUCTURE / DEFERRED APPROVAL. CONTRACTOR IS RESPONSIBLE FOR FIELD CUTTING METAL ROOF PANELS FOR INSTALLATION.
  - SN 03 ADJUST EXISTING STRUCTURE TO FINISH GRADE AND REPLACE EXISTING COVER.
  - SN 04 (E) 4'-0" W CHAINLINK GATE TO REMAIN. INSTALL KICK PLATE AND HARDWARE PER 12 AD1.1.
  - SN 05 HSS COLUMN AND FOOTING, PER PC SHADE STRUCTURE / DEFERRED APPROVAL.
  - SN 06 CONSTRUCT CONCRETE SIDEWALK PER 11 AD1.01. PLACE 5" PCC WITH #4 REBAR AT 24" O.C. E.W. OVER 12" CL2 AGGREGATE BASE ON COMPACTED SUBGRADE.
  - SN 07 PLACE 3" AC OVER 12" AB ON COMPACTED SUBGRADE.
  - SN 08 (E) PORTION OF STORM DRAIN LINE TO REMAIN.
  - SN 09 PLACE STORM DRAIN PIPE. SIZE TO MATCH EXISTING LINE. NEW PATH SHOWN DASHED. SEE DETAIL 12 AD1.02.
  - SN 10 CONNECT TO EXISTING STORM DRAIN PIPE. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
  - SN 11 REFER TO ELECTRICAL PLANS FOR CONDUIT PLACEMENT AND DETAILING.
  - SN 12 MATCH EXISTING GRADE / ELEVATION ALONG TOTAL LENGTH OF CONCRETE TO PROVIDE FLUSH TRANSITION.
  - SN 13 FOR FOOTING / CONCRETE PAD / COLUMN INTERACTION. SEE PC SHADE STRUCTURE / DEFERRED APPROVAL.



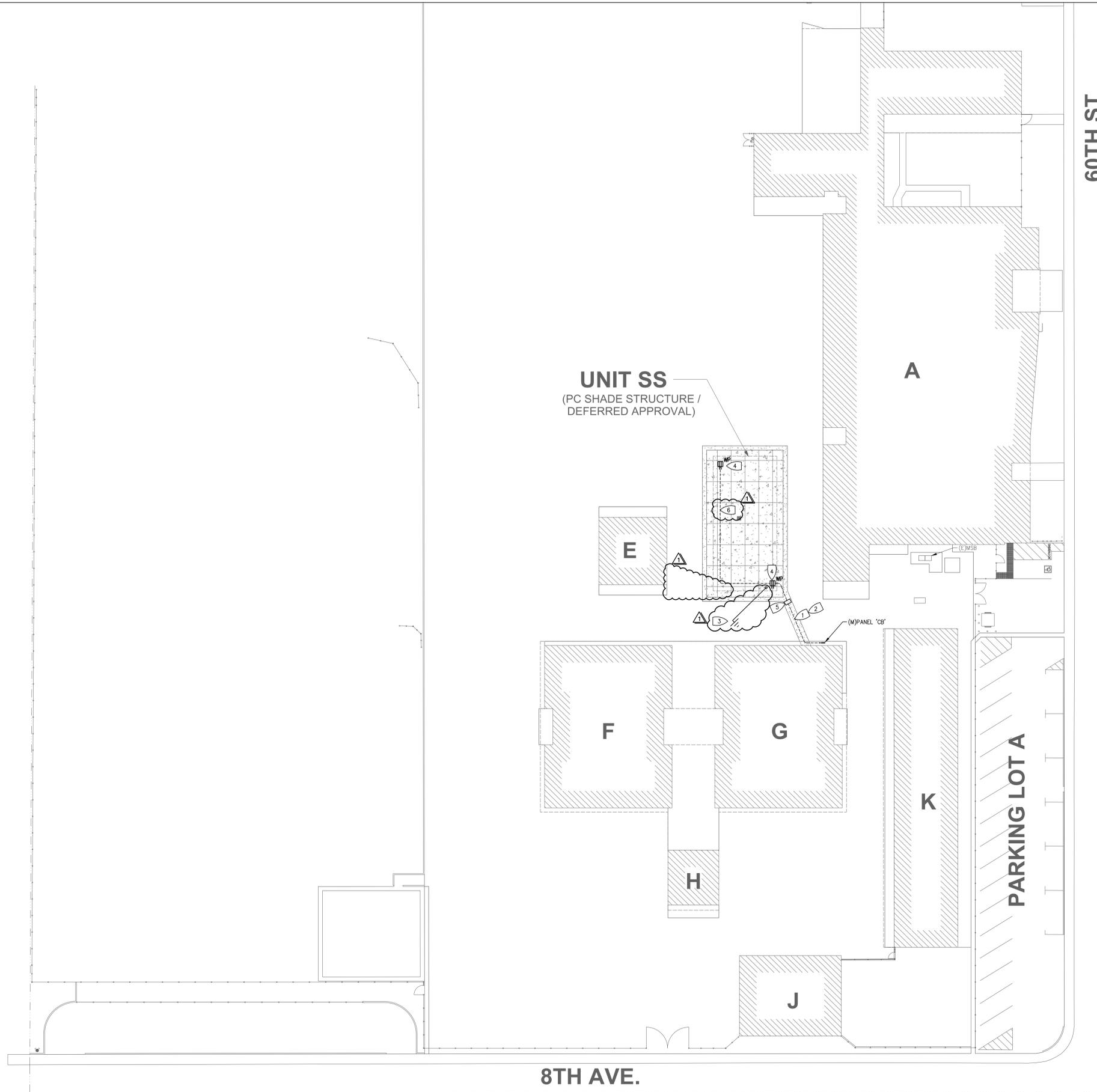
**SHADE STRUCTURE AT TAHOE ELEMENTARY SCHOOL**  
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
SACRAMENTO, CA

Revision	
1	Addendum 1 04/29/22

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**PARTIAL SITE PLANS AND DETAILS**

PROJECT NO.	21-1504.07
DATE:	04/29/22
SHEET	<b>A1.1.1</b>



60TH ST.

8TH AVE.

UNIT SS  
(PC SHADE STRUCTURE /  
DEFERRED APPROVAL)

PARKING LOT A

**SHEET NOTES:**

1. ALL EXISTING EQUIPMENT, DEVICES, CONDUIT AND WIRING, ETC., SHOWN ON PLANS ARE BASED ON AVAILABLE EXISTING DRAWINGS AND LIMITED SITE SURVEYS, AND SHOWN FOR CLARITY ONLY.
2. SEE ONE LINE DIAGRAM AND PANEL SCHEDULE ON SHEET **E2.1** FOR REFERENCE.

**KEYED NOTES:**

1. PROVIDE TRENCH FOR 24 INCH MINIMUM COVER. LOCATE AND PROTECT (E) UTILITIES, I.E. IRRIGATION, SEWER, DRAINAGE PIPES, ETC. SAW CUT AND PATCH BACK (E) ASPHALT. PROVIDE SAND TO COVER CONDUIT TO SIX(6) INCHES, THEN ADD TRACER TAPE. COMPLETE BACKFILL TO GRADE, COMPACTING IN SIX(6)-INCH LIFTS. FINISH TO MATCH EXISTING. SEE DETAIL **2/E3.1**.
2. DROP CONDUIT TO BELOW ASPHALT AND TRENCH TO SHADE LOCATION, INTERCEPTING THE CHRISTY BOX ALONG THE WAY. PAINT EXPOSED CONDUIT TO MATCH (E) FINISH.
3. PROVIDE AT MINIMUM TWO(2) GROUND RODS, ONE AT THE FULL BOX AND ONE NEAR THE CORNER POST OF THE SHADE STRUCTURE, EACH 5/8" BY TEN(10) FEET LONG, CU, AT LEAST TEN(10) FEET APART. BOND TO METAL OF SHADE STRUCTURE. SEE DETAILS **2/E3.1** AND **2/E3.1**.
4. LOCKABLE, WEATHERPROOF RECEPTACLE TO HAVE A TWO-GANG BACK BOX WITH 1" THREADED PORT(S). MOUNT RECEPTACLES 36" ABOVE GRADE UNLESS SPECIFIED OTHERWISE. SEE DETAIL **4/E3.1**.
5. PROVIDE CHRISTY B1324 PULL BOX WITHIN FIVE(5) FT OF SHADE STRUCTURE. CHRISTY BOX TO HAVE HOLD DOWN BOLTS AND BE LABELED FOR POWER. SEE DETAIL **2/E3.1**.
6. RUN CONDUIT BELOW SHADE STRUCTURE CONCRETE PAD.



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PLOT DATE: 4/26/2022

SHADE STRUCTURE AT TAHOE  
ELEMENTARY SCHOOL  
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
SACRAMENTO, CA

Revision	
ADDENDUM	04/29/22

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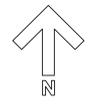
**SITE PLAN -  
ELECTRICAL**

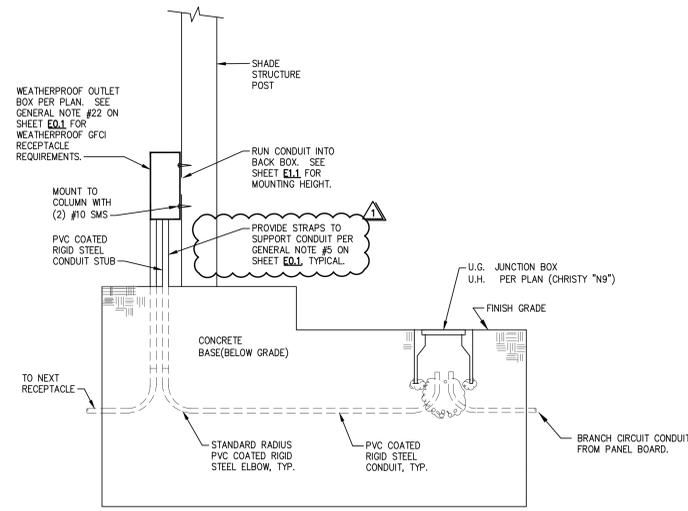
PROJECT NO. 21-1504.07  
DATE: 04/29/22  
SHEET

**E1.1**

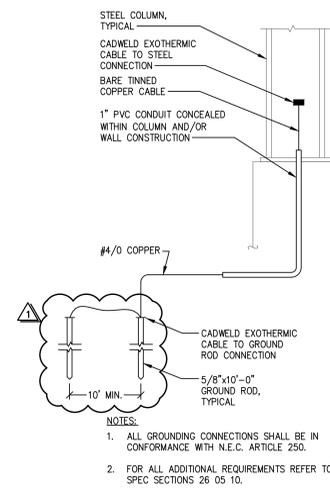
**AD1.04**

1 SITE PLAN - ELECTRICAL  
SCALE: 1"=20'

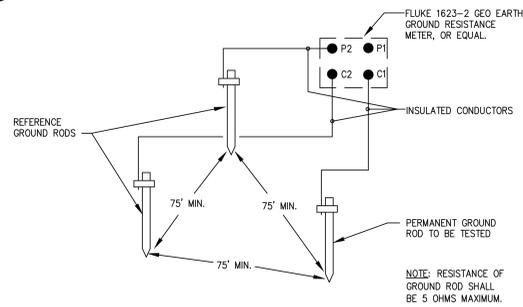




**4 CONDUIT STUB IN POST DETAIL**  
SCALE: NONE



**5 TYPICAL STEEL COLUMN & REBAR GROUNDING DETAIL**  
SCALE: NONE



**NOTE: RESISTANCE OF GROUND ROD SHALL BE 5 OHMS MAXIMUM.**

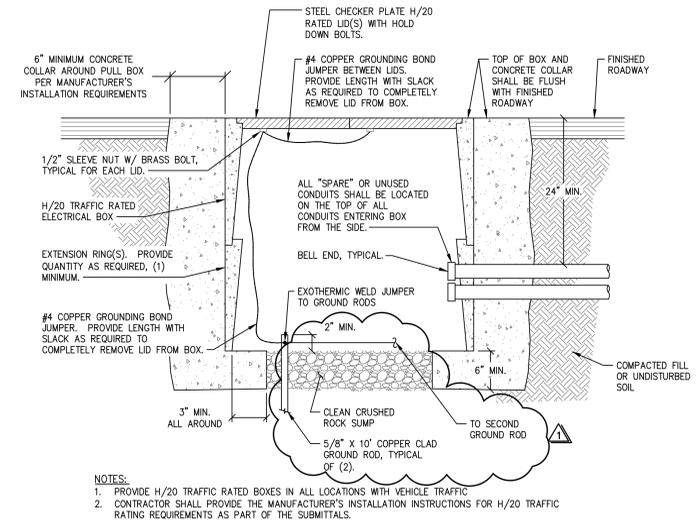
**FALL OF POTENTIAL TEST METHOD**  
NOTES:  
1. POWER EQUIPMENT OR SYSTEMS WITH CAPACITY OF 500KVA OR LESS: 10 OHMS.  
2. POWER EQUIPMENT OR SYSTEMS WITH CAPACITY OF 500 TO 1000KVA: 5 OHMS.  
3. POWER EQUIPMENT OR SYSTEMS WITH CAPACITY GREATER THAN 1000KVA: 3 OHMS.  
4. POWER DISTRIBUTION UNITS OR PANELBOARDS SERVING ELECTRONIC LT. EQUIPMENT: 3 OHMS.  
5. MAN-HOLE GROUNDS: 10 OHMS.

**FALL OF POTENTIAL 3-POINT TEST:**  
GROUND RING, I.E. 10 BY 10 RING, 14" DIAGONAL LENGTH ISOLATION FROM UTILITY NEUTRAL PROBE Z IS DRIVEN A DISTANCE OF 10 TIMES DIAGONAL LENGTH OF THE GROUNDING ROD SYSTEM (ROD X). A SECOND PROBE (Y) IS PLACED IN LINE AT A DISTANCE FROM ROD X EQUAL TO THE DIAGONAL LENGTH OF THE GROUNDING SYSTEM.

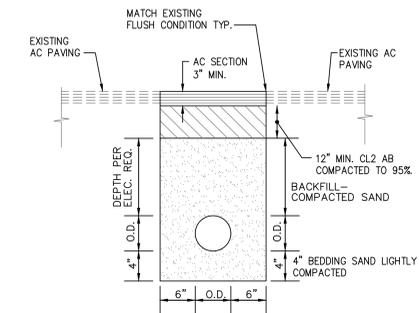
AT THIS POINT, A KNOWN CURRENT IS APPLIED ACROSS X & Z, WHILE THE RESULTING VOLTAGE IS MEASURED ACROSS X & Y. OHMS LAW APPLIED  $R=V/I$ . THEN (Y) MOVED TO 2 TIMES THE DIAGONAL LENGTH, THEN MOVE OUT TO 3 TIMES(3X), 4X, ... 9X THE DIAGONAL LENGTH TO COMPLETE THE 3 POINT TEST WITH A TOTAL OF NINE RESISTANCE MEASUREMENTS.

**6 METHOD OF TESTING GROUND RODS DETAIL**  
SCALE: NONE

**1 DETAIL REMOVED**  
SCALE: NONE



**2 TYPICAL H/20 TRAFFIC RATED PULL BOX**  
SCALE: NONE



**3 TYPICAL TRENCH DETAIL**  
SCALE: NONE

Revision	DATE
ADDENDUM	04/29/22

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**DETAILS**