QUATTROCCHI KWOK
ARCHITECTS

GATEWAY PORTABLES & SHADE STRUCTURES

Bid Clarification 04

October 9, 2026

DSA File Number: 7-H4
DSA Application Number: 01-122796

OWNER

Liberty Union High School District
929 Second Street
Brentwood, CA 94513

ARCHITECT

Quattrocchi Kwok Architects
Santa Rosa: 636 Fifth Street, Santa Rosa, CA 95404
Oakland: 55 Harrison Street, Suite 525, Oakland, CA 94607
Denver: 610 Jerry Street, Castle Rock, CO 80104

ARCHITECT'S PROJECT NO.: 2497.00

To: Prospective Bidders

The following changes, modifications and additions to Project Manual and Drawings described below are made a part thereof and are subject to all of the requirements thereof as if originally specified. The Bidder must acknowledge receipt of the **Bid Clarification in the** space provided on the Bid Form; failure to do so may subject the Bidder to disqualification.

Table of Contents – Bid Clarification 04

This Bid Clarification consists of 6 pages and the attachments as listed below dated October 9, 2026.

Deleted Text is shown in ~~strikeout type~~.

Added Text is shown in ***bold italicized type***.

ATTACHMENTS:

Bid Clarification Drawings (8.5 inch by 11 inch & 11 inch by 17 inch):

Drawings (24 inch by 36 inch):

G-0.2 Abbreviations and Notes
G-0.3 Site plan, Property Lines, Parking Calculations & Code Review
G-0.4 Access Site Plan
A-8.1 Door Schedule & Gate Details
C-1.0 Existing Conditions/Demolition
C-1.1 Existing Conditions/Demolition
C-2.0 Horizontal Control Plan
C-2.1 Horizontal Control Plan
C-2.2 Details
C-3.0 Utility Plan
C-3.1 Utility Plan
C-4.0 Grading Plan
C-4.1 Grading Plan
C-5.0 Stormwater Control Plan
C-5.1 Stormwater Control Plan
C-6.1 Erosion Control Plan
C-6.1 Erosion Control Plan
L1.0 Materials & Detail Reference Plan
L1.1 Construction Details
L1.2 Construction Details
L1.3 Construction Details
L2.0 Layout Plan
L2.1 Layout Plan
L3.0 Irrigation Plan
L3.1 Irrigation Notes & Legend
L3.2 Irrigation Details
L3.3 Irrigation Details

L3.4 Irrigation Details
L3.5 Irrigation Calculations
L4.0 Planting Plan
L4.1 Planting Details
E-1.1 Site plan, Electrical
E-1.2 Site Plan Lighting

Project Manual:
None

Project Record:
None

End of Table of Contents

A. CHANGES TO PREVIOUS BID CLARIFICATIONS

Item No. 4. 01 Bid Clarification 1 Drawing Sheets

Replace ALL Drawing sheets in Bid Clarification 1 with the attached Bid Clarification drawing sheets reflecting implementation of DSA comments on the Revision.

Item No. 4. 02 MEP Prequalified Contractors

Add attached MEP Contractors to the Pre-Qualified Contractors List.

B. CHANGES TO THE BIDDING AND CONTRACT REQUIREMENTS

Item No. 4. 03 **Bid Date Change**

Bid date has been changed. *"District" will receive prior to 2:00 PM on the ~~13th~~* ***15th*** *day of October, 2026 sealed Prime bids for the award of Contract…...*

Item No. 4. 04 **Prequalified Contractors**

Add attached MEP Contractors to the Pre-Qualified Contractors List.

C. CHANGES / ADDITIONS TO THE DRAWINGS

Item No. 4. 05 Bid Clarification 1 Drawing Sheets

Replace ALL Drawing sheets in Bid Clarification 1 with the attached Bid Clarification drawing sheets reflecting implementation of DSA comments on the Revision.

Item No. 4. 06 G-0.2 Abbreviation And Notes

Replace G-0.3 with attached G-0.2.

Item No. 4. 07 G-0.3 Campus Site Plan.

Replace G-0.3 with attached G-0.3.

Item No. 4. 08 G-0.4 Access Site Plan

Replace G-0.4 with the attached G-0.4.

Item No. 4. 09 Sheet A-8.1
Replace A-8.1 with the attached A-8.1

Item No. 4. 10 Civil Sheets
Replace all Civil sheets with the attached Civil sheets.

Item No. 4. 11 Landscape Sheets
Add the attached Landscape Sheets to the bid set.

Item No. 4. 12 Electrical Sheets
Add attached electrical sheets.

D. CHANGES / ADDITIONS TO THE PROJECT MANUAL

Item No. 4. 13 Bid Date Change

Bid date has been changed. *"District" will receive prior to 2:00 PM on the ~~13th~~* ***15th*** *day of October, 2026 sealed Prime bids for the award of Contract…...*

E. BIDDERS QUESTIONS

Item No. 4. 14

Question: Refer to the Irrigation Legend on Sheet L3.1. There is a discrepancy between the water meter model and the size indicated in the description. The model is M120-100LNSX-HL, while the description indicates a 1-1/2 " NPT water meter. Please confirm whether the required sub-water meter size is 1 " or 1-1/2 ".

Answer: M120-150LNSX-HL BADGER RECORDALL 1.5 " NPT WATER METER INSIDE VALVE BOX.

Item No. 4. 15

Question: Please provide the required material specification for the weed fabric noted in Note 7 on Sheet L4.1.

Answer: Mirafi 140N or equal.

Item No. 4. 16

Question: Please provide the required material specification for the bioretention soil mix indicated in the Bioretention Detail on Sheet C-5.2.

Answer: Refer to Civil Drawings/Specifications.

Item No. 4. 17

Question: Please confirm whether the Landscape Contractor may submit an equal or approved equivalent mulch product in lieu of the specified Eco-Mini Natural Mulch by Ecomulch.

Answer: Specified mulch is a District Standard

Item No. 4. 18

Question: Please confirm if the Fire Sprinkler Subcontractor is considered an "MEP" Subcontractor thus must be prequalified with the District.

Answer: MEP Subcontractors that must be prequalified with the District include those holding a license in one of, or a combination of, the following license types: C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43 and C-46. So, yes, the Fire Sprinkler Subcontractor (License C-16) must be prequalified with the District.

NOTE: If the MEP scope of work is above the listing amount, the Subcontractor must be prequalified with the District at the time of bid submission and must be listed by the General Contractor. But, if the MEP scope of work is below the listing amount, the Subcontractor selected to perform that scope of work does not need to be listed but must be prequalified with the District prior to performing work on the Project.

End of Bid Clarification

ABBREVIATIONS

&	AND	F	FACE		
L	ANGLE	FA	FIRE ALARM	PC	PORTLAND CEMENT
@	AT	FCO	FLOOR CLEAN OUT	P.C.F.	POUNDS PER CUBIC FOOT
℄	CENTERLINE	FD	FLOOR DRAIN	PDA	POWER DRIVEN ANCHOR
'	FEET	FDN	FOUNDATION	PERF	PERFORATED
"	INCHES	FE	FIRE EXTINGUISHER	PH	PLATE HEIGHT
d	PENNY	FEC	FIRE EXTINGUISHER CABINET	PL	PLATE
#	POUND/ NUMBER	FF	FINISH FLOOR	P/L	PROPERTY LINE
		FG	FINISH GRADE	PLAM	PLASTIC LAMINATE
AB	ANCHOR BOLT	FGL	FIBERGLASS	PLAS	PLASTER/ PLASTIC
ABBREV	ABBREVIATION	FH	FIRE HYDRANT	PLF	POUNDS PER LINEAL FOOT
AC	ASPHALT CONCRETE	FHMS	FLAT HEAD MACHINE SCREW	PLYWD	PLYWOOD
A/C	AIR CONDITIONING	FHS	FIRE HOSE STATION	P.O.C.	POINT OF CONTACT
ACC	ACCESSIBLE	FHWS	FLAT HEAD WOOD SCREW	PR	PAIR
ACOUS	ACOUSTICAL	FIN	FINISH	PROP	PROPERTY
AC T	ACOUSTICAL TILE	FIXT	FIXTURE	PSF	POUNDS PER SQUARE FOOT
AD	AREA DRAIN	FL	FLOOR LINE	PSI	POUNDS PER SQUARE INCH
ADJ	ADJUSTABLE	FLASH	FLASHING	PT	POINT
A.F.F.	ABOVE FINISH FLOOR	FLUOR	FLUORESCENT	PTDF	PRESSURE TREATED
AGG	AGGREGATE	FLR	FLOOR		DOUGLAS FIR
ALUM	ALUMINUM	FM / FOM	FACE OF MASONRY	PTN	PARTITION
ANOD	ANODIZED	FN	FACE NAIL	PTR	PAPER TOWEL RECEPTACLE
APPROX	APPROXIMATE	FOC	FACE OF CONCRETE	PVC	POLYVINYL CHLORIDE
ARCH	ARCHITECTURAL	FOF	FACE OF FINISH	PVMT	PAVEMENT
ASPH	ASPHALT	FOS	FACE OF STUD		
		FRMG	FRAMING	R	RISER
BD	BOARD	FR	FIRE-RESISTANT	R / RAD	RADIUS
BITUM	BITUMINOUS	FRP	FIBERGLASS REINFORCED	RD	ROOF DRAIN
BLDG	BUILDING		PANEL	REF	REFERENCE
BLK	BLOCK	FT	FEET	REFR	REFRIGERATOR
BLKG	BLOCKING	FTG	FOOTING	REG	REGULAR
BM	BEAM	FURR	FURRING	REQD	REQUIRED
BOT	BOTTOM			REINF	REINFORCED
BO	BY OWNER	GA	GAUGE	RH	ROOF HATCH
BRK	BREAK	GALV	GALVANIZED	RHMS	ROUND HEAD MACHINE SCREW
BRG	BEARING	GB	GRAB BAR	RHWS	ROUND HEAD WOOD SCREW
BTWN	BETWEEN	GC	GENERAL CONTRACTOR	RM	ROOM
BU	BUILT-UP	GI	GALVANIZED IRON	RO	ROUGH OPENING
BUR	BUILT-UP ROOFING	GL	GLASS/ GLAZING	RWL	RAIN WATER LEADER
		GLB	GLUE LAMINATED BEAM	RWD	REDWOOD
CAB	CABINET	GND	GROUND		
CB	CATCH BASIN	GR	GRADE	S	SOUTH
CBC	CALIFORNIA BUILDING CODE	GYP BD	GYPSUM BOARD	S.A.D.	SEE ARCHITECTURAL DRAWINGS
CEM	CEMENT			S.AV.D.	SEE AUDIOVIDEO DRAWINGS
CER	CERAMIC	HB	HOSE BIBB	SC	SOLID CORE
CI	CAST IRON	HC	HOLLOW CORE	S.C.D.	SEE CIVIL DRAWINGS
CIR	CIRCLE	HDR	HEADER	SCHED	SCHEDULE
CJ	CONTROL JOINT	HDWD	HARDWOOD	SD	STORM DRAIN
CORR	CORRIDOR	HDWR	HARDWARE	SECT	SECTION
CL	CLOSET/ CENTER LINE	HM	HOLLOW METAL	S.E.D.	SEE ELECTRICAL DRAWINGS
CLG	CEILING	HOR	HORIZONTAL	SEP	SEPARATION
CLR	CLEAR	HP	HIGH POINT	S.F.P.D.	SEE FIRE PROTECTION DRAWINGS
CLS	CLOSURE	HR	HOUR	SHTG	SHEATHING
CMU	CONCRETE MASONRY UNIT	HSS	HOLLOW STEEL SECTION	SIM	SIMILAR
CO	CLEANOUT	HT	HEIGHT	SL	SLIDING
COL	COLUMN	HTG	HEATING	S.L.D.	SEE LANDSCAPE DRAWINGS
COMB	COMBINATION	HVAC	HEATING, VENTILATING,	SM	SHEET METAL
COMP	COMPOSITION		AIR-CONDITIONING	S.M.D.	SEE MECHANICAL DRAWING
CONC	CONCRETE			SOV	SHUT OFF VALVE
CONN	CONNECTION	ID	INSIDE DIAMETER	S.P.D.	SEE PLUMBING DRAWINGS
CONST	CONSTRUCTION	INSUL	INSULATION	SPEC	SPECIFICATION
CONT	CONTINUOUS	INT	INTERIOR	SPKR	SPEAKER
CONTR	CONTRACTOR	INTEG	INTEGRAL	SQ	SQUARE
CT	CERAMIC TILE	INTERMED	INTERMEDIATE	SS	STAINLESS STEEL
CTR	CENTER	INV	INVERT	S.S.D.	SEE STRUCTURAL DRAWINGS
CTSK	COUNTERSINK			S.TH.D.	SEE THEATER DRAWINGS
CUST	CUSTODIAN	JH	JOIST HANGER	STA	STATION
CW	COLD WATER	JST	JOIST	STD	STANDARD
		JT	JOINT	STL	STEEL
DBL	DOUBLE			STOR	STORAGE
DEMO	DEMOLITION	KIT	KITCHEN	STRUCT	STRUCTURAL
DEPT	DEPARTMENT	KP	KICK PLATE	SUSP	SUSPENDED
DET	DETAIL			SYM	SYMMETRICAL
DF	DRINKING FOUNTAIN	LAB	LABORATORY		
DG	DECOMPOSED GRANITE	LAM	LAMINATE	T	TREAD
DI	DRAIN INLET	LAV	LAVATORY	T&B	TOP & BOTTOM
DIA	DIAMETER	LL	LIVE LOAD	TC	TOP OF CURB
DIAG	DIAGONAL	LP	LOW POINT	TEL	TELEPHONE
DIM	DIMENSION	LT	LIGHT	TER	TERRAZZO
DISP	DISPOSAL			T&G	TONGUE & GROOVE
DIV	DIVISION	MAT	MATERIAL	TH	THICK
DN	DOWN	MAX	MAXIMUM	THRU	THROUGH
DO	DOOR OPENING	MB	MACHINE BOLT	TJ	TOOL JOINT
DIR	DIRECTLY	MC	MEDICINE CABINET	TN	TOE NAIL
DR	DOOR	MECH	MECHANICAL	T.O.D.	TOP OF DECK
DS	DOWN SPOUT	MED	MEDIUM	T.O.P.	TOP OF PLATE
DSA	DIVISION OF STATE ARCHITECT	MEMB	MEMBRANE	T.O.R.	TOP OF ROOF
DSP	DRY STAND PIPE	MFR	MANUFACTURER	T.O.W.	TOP OF WALL
DT	DRAIN TILE	MH	MANHOLE	T.P.	TOP OF PAVEMENT
DW	DISHWASHER	MIN	MINIMUM	TRN	TRANSOM
DWG	DRAWING	MIR	MIRROR	TRANS	TRANSPARENT
DWR	DRAWER	MISC	MISCELLANEOUS	TS	TUBE STEEL
		MO	MASONRY OPENING	TUB	TUBULAR
E	EAST	MOD	MODULAR	TV	TELEVISION
(E)	EXISTING	MR	MOISTURE RESISTANT	TW	TACKWALL
EA	EACH	MTD	MOUNTED	TYP	TYPICAL
EB	EXPANSION BOLT	MTL	METAL	UNF	UNFINISHED
EE	EACH END	MUL	MULLION	U.O.N.	UNLESS OTHERWISE NOTED
EF	EXHAUST FAN			UR	URINAL
EJ	EXPANSION JOINT	N	NORTH	UTIL	UTILITY
EL	ELEVATION GRADE	(N)	NEW		
ELEC	ELECTRICAL	NAT	NATURAL	VB	VAPOR BARRIER
ELEV	ELEVATION	N.I.C.	NOT IN CONTRACT	VCT	VINYL COMPOSITION TILE
EMER	EMERGENCY	NO	NUMBER	VERT	VERTICAL
EMT	ELECTRIC METALLIC TUBING	NOM	NOMINAL	VEST	VESTIBULE
ENCL	ENCLOSURE	N.T.S.	NOT TO SCALE	V.I.F.	VERIFY IN FIELD
EP	ELECTRIC PANEL			VTR	VENT THROUGH ROOF
EQ	EQUAL	O/	OVER	VWC	VINYL WALL COVERING
EQUIP	EQUIPMENT	OA	OVERALL		
EQUIV	EQUIVALENT	OBS	OBSCURE	W	WEST
ES	EACH SIDE	OC	ON CENTER	W/	WITH
EW	EACH WAY	OD	OUTSIDE DIAMETER	WC	WATER CLOSET
EXH	EXHAUST	OF	OVERFLOW	WD	WOOD
EXIST	EXISTING	OFCI	OWNER FURNISHED/	WDW	WINDOW
EXP	EXPANSION		CONTRACTOR INSTALLED	WH	WATER HEATER
EXT	EXTERIOR	O.L.F.	OCCUPANT LOAD FACTOR	W/O	WITHOUT
		OFF	OFFICE	WP	WATER PROOF
		OPNG	OPENING	W.P.	WORK POINT
		OPP	OPPOSITE	WR	WATER RESISTANT
		OVHD	OVERHEAD	WSCT	WAINSCOT
				WT	WEIGHT
				YD	YARD

LEGEND

ALL NOTES AND SYMBOLS ARE INTENDED TO APPLY AT ALL OTHER LOCATIONS OF SIMILAR GRAPHIC REPRESENTATION. SUCH INDICATIONS MAY BE LIMITED TO PROMOTE CLARITY. NO LIMITATION OF APPLICATION IS INTENDED EXCEPT AS SPECFICALLY NOTED.

AA / A1 — COLUMN GRIDS A AND 1 IN BUILDING A

6'-0" — DIMENSION TO FACE OF STUD OR MASONRY

6'-0" — DIMENSION TO FACE OF FINISH

6'-0" — DIMENSION TO CENTER LINE OR COLUMN LINE

12'-0" — RELATIVE ELEVATION DIMENSION

B101A — DOOR A IN ROOM NUMBER 101 IN BUILDING B
ACCESSIBLE CLEARANCES SHOWN DASHED

SEE

W03 — WINDOW NUMBER 03

11 / A-9.12 — DETAIL NUMBER 11 ON SHEET NUMBER A-9.12

3 / A-B6.2 — SECTION NUMBER 3 ON SHEET NUMBER A-B6.2

ELEVATION NUMBER 2 ON SHEET NUMBER A-B5.3

E1 / W.P. — RELATIVE ORIGIN OR WORK POINT

A — EQUIPMENT TAG
REFER TO EQUIPMENT SCHEDULE

Statement of General Conformance

DSA Application No 01-122796 File No 7-H4

The drawings identified as follows:

☒ All drawing sheets included in this set not bearing my stamp and signature

☐ Drawings denoted in the sheet index as follows: _____

☐ Drawings included under the following PC approval(s): _____

have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. They have been examined by me for:

1) Design intent and appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and

2) Coordination with my drawings (plans) and specifications and are acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341, and 4-344" of Title 24, Part I. (Title 24, Part 1, Section 4-316 (b))

_____ _____
Signature Date

Architect or Engineer designated to be in general responsible charge

Kevin Chapin	C31640	May 30, 2027
Printed Name	License Number	Expiration Date

GENERAL NOTES

1. ALL WORK IS SHOWN, DESCRIBED OR SPECIFIED IN THE DRAWINGS INDEXED ON THIS PAGE OR IN THE SPECIFICATIONS.

   ALL WORK NOT INDICATED AS EXISTING (E) IS NEW.

2. ALL FRAMING DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
   - DO NOT SCALE DRAWINGS.
   - VERIFY ALL DIMENSIONS WHERE WORK INVOLVES FRAMING FOR WINDOWS, DOORS, OR CABINETS.

3 ONLY WORK SO NOTED IS NOT IN CONTRACT (N.I.C.) ALL N.I.C. ITEMS ARE NOT PART OF DSA APPROVAL

4. LIST OF APPLICABLE CODES: A COPY OF TITLE 24 PARTS 1-5 AND PART 9 SHALL BE KEPT ON THE JOB AT ALL TIMES.
   2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
   2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
   2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
   2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
   2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
   2025 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
   2025 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
   2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
   2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
   2025 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
   TITLE 19 CCR, PUBLIC SAFETY CODE, STATE FIRE MARSHAL REGULATIONS

5. APPLICABLE STANDARDS:
   FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.

6. ALL WORK SHALL CONFORM TO 2025 TITLE 24, CALIFORNIA CODE OF REGULATIONS (C.C.R.) IN ACCORDANCE WITH TITLE 24 PART 1 CHAPTER 4: THE ADMINISTRATIVE REGULATIONS FOR THE DIVISION OF THE STATE ARCHITECT STRUCTURAL SAFETY (DSA/SS)
   PROJECT INSPECTOR CERTIFICATION REQUIREMENT PER 4-333.1: CLASS 1
   - 4-331 DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION.
   - 4-332 WHEN CONSTRUCTION IS SUSPENDED FOR MORE THAN ONE MONTH, THE PROJECT INSPECTOR SHALL INFORM DSA.
   - 4-333(a) OBSERVATION OF THE WORK SHALL BE BY ARCHITECT OR REGISTERED ENGINEER.
   - 4-333(b) A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342. PART 1, TITLE 24, CCR.
   - 4-334 SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH THIS SECTION.
   - 4-335 A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT IN ACCORDANCE WITH THIS SECTION. COSTS OF RE-TEST MAY BE BACKCHARGED TO THE CONTRACTOR. ALL TESTS AND TESTING LAB SHALL CONFORM TO THE REQUIREMENTS OF SECTION 4-335 AND APPROVED T & I SHEET (DSA-103)
   - 4-336 VERIFIED REPORTS SHALL BE SUBMITTED BY CONTRACTORS (DSA 006-C), INSPECTORS (DSA 006-PI), ARCHITECTS AND ENGINEERS (DSA 006-AE) IN ACCORDANCE WITH SECTIONS 4-336 AND 4-343.
   - 4-337 SEMI-MONTHLY REPORTS SHALL BE SUBMITTED BY INSPECTORS (DSA - 155), IN ACCORDANCE WITH SECTIONS 4-337.
   - 4-338 WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE APPROVED PLANS, ADDENDA AND CONSTRUCTION DOCUMENTS.
     CHANGES TO THE APPROVED PLANS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR. ADDENDA AND CHANGE DOCUMENTS SHALL BE STAMPED AND SIGNED BY THE ARCHITECT OR REGISTERED ENGINEER IN CHARGE
   - 4-341(a) THE ARCHITECT AND THE REGISTERED ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-333(a) AND 4-341.
   - 4-343 THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH THIS SECTION.

7. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, C.C.R. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH ARE NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24 C.C.R. A CONSTRUCTION CHANGE DOCUMENT (CCD), OR SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)

8. ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND THE WRITTEN FIRE LIFE SAFETY PLAN.

9. EMERGENCY VEHICLE ACCESS ROADS AND ON-SITE FIRE HYDRANTS SHALL BE IN SERVICE AND OPERABLE PRIOR TO LOADING THE SITE WITH COMBUSTIBLE MATERIALS.

10. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS, AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.

11. SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE CONSIDERED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDUM, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION PER DSA IR A-6 AND SECTION 338(C) PART 1, TITLE 24 CCR.

12. THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.
   - LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).
   - MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.
   - ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER / ARCHITECT OF RECORD, OR OWNER'S AGENT.
   - A LISTING OF CERTIFIED ATT CAN BE FOUND AT HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/PROGRAMS/ACCEPTANCE-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGRAM/ACCEPTANCE
   - THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.
   - PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

13. NEW BUILDINGS SHALL BE PROVIDED WITH EMERGENCY RESPONDER RADIO COVERAGE IN ACCORDANCE WITH CALIFORNIA FIRE CODE SECTION 510. THE PROJECT ARCHITECT (AOR) SHALL CONTACT THE LOCAL FIRE DEPARTMENT AND/OR EMERGENCY COMMUNICATIONS AUTHORITY TO OBTAIN DESIGN, EQUIPMENT SPECIFICATIONS, TESTING, AND ACCEPTANCE CRITERIA. PLANS AND REQUESTED DOCUMENTATION SHALL BE SUBMITTED TO THE LOCAL AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL. UPON COMPLETION, COPIES OF THE APPROVED PLANS, EQUIPMENT DATA SHEETS, TESTING, AND ACCEPTANCE DOCUMENTATION SHALL BE PROVIDED TO THE SCHOOL DISTRICT.

14. ONCE CONSTRUCTION BEGINS, THE CONTRACTOR SHALL VERIFY DESIGN, EQUIPMENT SPECIFICATIONS, TESTING, AND ACCEPTANCE CRITERIA FOR EMERGENCY RESPONDER RADIO COVERAGE WITH THE LOCAL FIRE DEPARTMENT AND/OR EMERGENCY COMMUNICATIONS AUTHORITY. THE CONTRACTOR SHALL FACILITATE ANY NECESSARY TESTING AND SYSTEM ENHANCEMENTS REQUIRED BY THE LOCAL AGENCY.

DEFERRED APPROVALS

NONE

PROJECT DESCRIPTION

RELOCATION OF ONE STAGED PORTABLE ORIGINALLY FROM HERITAGE HIGH SCHOOL, ORIGINAL DSA #57970 AND CONSTRUCTION OF 3 PC SHADE STRUCTURES, ONE 20'x40', PC# 02-120865 AND TWO 14'X14', PC #04-120866. CONSTRUCTION OF A NEW DRIVEWAY AND RESURFACE OF WITH ELECTRIC SLIDING GATE, NEW SITE LANDSCAPING, HARDSCAPE, AND ADDITIONAL GATES. INSTALLATION OF A FIRE SPRINKLER SYSTEM IN ONE BUILDING, RELATED SITE, ELECTRICAL AND FIRE ALARM WORK. ONE RELOCATED RAMP FROM DISTRICT STOCKPILE, PC 01-112032 AND CERTIFIED UNDER DSA APPLICATION NUMBER 01-113035, AND ONE NEW RAMP FROM TMP PC 04-122262.

DSA CERTIFICATION OF THE CURRENT PROJECT 01-122726-0 IS CONTINGIENT UPON THE CERTIFICATION OF PROJECT 01-121939-0

SHEET INDEX

SHEET COUNT: 99

GENERAL
G-0.1 COVER SHEET
G-0.2 APPREVIATIONS AND NOTES
G-0.3 CAMPUS SITE PLAN, PROPERTY LINES, PARKING CALCULATIONS, CODE REVIEW
G-0.4 ACCESS SITE PLAN

CIVIL PLANS
C-1.1 EXISTING CONDITIONS/ DEMOLITION
C-1.2 EXISTING CONDITIONS/ DEMOLITION
C-2.0 HORIZONTAL CONTROL PLAN
C-2.1 HORIZONTAL CONTROL PLAN
C-2.2 DETAILS
C-3.0 UTILITY PLAN
C-3.1 UTILITY PLAN
C-4.0 GRADING PLAN
C-4.1 GRADING PLAN
C-5.0 STORMWATER CONTROL PLAN
C-5.1 STORMWATER CONTROL PLAN
C-6.0 EROSION CONTROL PLAN
C-6.1 EROSION CONTROL PLAN

LANDSCAPE PLANS
L1.0 MATERIAL AND DETAIL REFERENCE PLAN
L1.1 CONSTRUCTION DETAILS
L1.2 CONSTRUCTION DETAILS
L1.3 CONSTRUCTION DETAILS
L2.0 LAYOUT PLAN
L2.1 LAYOUT PLAN
L3.0 IRRIGATION PLAN
L3.1 IRRIGATION NOTES AND LEGEND
L3.2 IRRIGATION DETAILS
L3.3 IRRIGATION DETAILS
L3.4 IRRIGATION DETAILS
L3.5 IRRIGATION CALCULATIONS
L4.0 PLANTING PLAN
L4.1 PLANTING DETAILS

ARCHITECTURAL SHEETS
A-1.1 SITE DETAILS
A-2.1 BUILDING I - FLOOR PLAN, INTERIOR ELEVATIONS & DEMO PLAN
A-8.1 DOOR SCHEDULE

STRUCTURAL SHEETS
S-0.1 GENERAL NOTESS
S-1.1 TYPICAL CONCRETE DETAILS
S-2.1 BUILDING I FLOOR & ROOF PLAN
S-4.1 FOUNDATION PLAN
S-6.1 WOOD DETAILS

FIRE PROTECTION
FP-1.1 FIRE PROTECTION SCHEDULES AND LEGENDS
FP-2.0 FIRE PROTECTION SITE PLAN
FP-2.1 FIRE PROTECTION OVERHEAD PIPING PLAN
FP-2.2 FIRE PROTECTION REFLECTED CEILING PLAN
FP-3.1 FIRE PROTECTION SECTIONS
FP-4.1 FIRE PROTECTION DETAILS
FP-4.2 FIRE PROTECTION DETAILS

ELECTRICAL
E-0.1 SYMBOLS LIST, GENERAL NOTES
E-0.2 LUMINAIRE SCHEDULE
E-1.1 SITE PLAN - ELECTRICAL
E-1.2 SITE PLAN - LIGHTING
E-3.1 FLOOR PLANS - POWER & SIGNAL
E-5.1 SINGLE LINE DIAGRAM - POWER & TELECOM
E-7.1 DETAILS
E-8.1 TITLE 24 DOCUMENTATION

FIRE ALARM
FE-0.1 FIRE ALARM EQUIPMENT LIST, NOTES & DETAILS
FE-1.1 SITE PLAN - FIRE ALARM
FE-3.1 FLOOR PLANS - FIRE ALARM
FE-5.1 FIRE ALARM SINGLE LINE DIAGRAM & CALCULATIONS

MODTECH TO BE RELOCATED DSA 57970
A0 COVER SHEET
A1.0 FLOOR PLAN, ROOF PLAN
A2,.0 EXT./INT. ELEVATIONS
A3.0. ARCHITECTURAL DETAILS
A4.0 REFLECTED CEILING PLAN
A5.0 WALL FRAMING
A6.0 WALL FRAMING DETAILS
S1.0 FOUNDATION PLANS/DETAILS
S2.0 FLOOR/ROOF FRAMING PLANS
S3.0 FRAMING ELEVATIONS & DETAILS
S4.0 TYPPICAL DETAILS
M1.0 HVAC PLAN
E1.0 POWER/SIGNAL/LIGHTING PLAN

TMP 2010 PC 04-112032
1 COVER SHEET
2 ACCESSIBLE RAMP ELEVS & DETAILS
3 ACCESSIBLE RAMP DETAILS & NOTES
4 DETAILS AND NOTES
5 ACCESSIBLE RAMP SWITCHBACK DETS.
6 STAIRS - OPTIONAL
7 ACCESSIBLE RAMP OPT. ALUM DECK
8 ACCESSIBLE RAMP ELEV. & PLAN VIEWS

20' x 40' SHADE STRUCTURE PC# 02-120865
S1 COVER SHEET AND NOTES
S2 ELEVATION DETAILS
S3 TYPICAL DETAILS
S4 REFERENCE DETAILS
S5 SPECIFICATION INFORMATION
S6 EXAMPLE FORM DSA 103 - TESTS & INSPECTIONS

14' x 14' SHADE STRUCTURE PC# 02-120866
S1A COVER SHEET AND NOTES
S2A ELEVATION DETAILS
S3A TYPICAL DETAILS
S4A REFERENCE DETAILS
S5A SPECIFICATION INFORMATION
S6A EXAMPLE FORM DSA 103 - TESTS & INSPECTIONS

TMP 2022 PC 04-122262
1A COVER SHEET (A)
2A ACCESSIBLE RAMP ELEVATIONS & DETAILS (A)
3A ACCESSIBLE RAMP DETAILS & NOTES (A)
4A DETAILS & NOTES (A)
5A ACCESSIBLE RAMP SWITCHBACK DETAILS (A)
6A STAIRS - OPTIONAL (A)
7A ACCESSIBLE RAMP OPT. ALUM DECK (A)
8A ACCESSIBLE RAMP ELEV. & PLAN VIEWS (A)

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

LICENSED ARCHITECT
KEVIN CHAPIN
LICENSE # C31640
EXP MAY 31, 2027
STATE OF CALIFORNIA

SIGNED: AUGUST 31, 2026

GATEWAY PROGRAM

PORTABLE AND SHADE STRUCTURES

929 SECOND STREET
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	TR, ERF
DRAWING SCALE:	N.T.S.
PTN: 61721-99	FILE NO: 7-H4

CONSTRUCTION DOCS

OCTOBER 8, 2026

SHEET TITLE

ABBREVIATIONS AND NOTES

SHEET NUMBER

G-0.2

P:\2497.00 - Gateway Port and Shade Structure, LUHSD\Drawings\05-CA\2497.00 Gateway Landscape Revision.pln:10/8/2026:3:09 PM

BUILDING ANALYSIS:

CLUSTER A
TYPE V-B ALL BUILDINGS
BUILDINGS A, B, C -CLASSROOMS - I-4 OCCUPANCY 960 SF EACH TOTAL 2880 SF
BUILDINGS D & E - CLASSROOMS - E OCCUPANCY 960 SF EACH - TOTAL 1920 SF
ALLOWABLE AREA I-4 (MOST RESTRICTIVE) 9000 SF.
TOTAL AREA CLUSTER A: 4800 SF
NOTE-I1-4 BUILDINGS FIRE SPRINKLERED DUE TO ADULTS NOT CAPABLE OF SELF PRESERVATION WITHOUT ASSISTANCE.

CLUSTER B
TYPE V-B ALL BUILDINGS
BUILDING F - CLASSROOM, 960 SF - E OCCUPANCY - 960 SF
BUILDING G - RESTROOM - E OCCUPANCY - 480 SF
BUILDING H - HOME EC CLASSROOM, E OCCUPANCY 1280 SF
BUILDING K - CLASSROOM, E OCCUPANCY, 960 SF
ALLOWABLE AREA A OCCUPANCY 9500 SF
TOTAL AREA CLUSTER A 3680 SF.

CLUSTER C
TUPE V-B ALL BUILDINGS
BUILDINGS I & J, CLASSROOMS- E OCCUPANCY 960 SF EACH
ALLOWABLE AREA 9500 SF
TOTAL AREA 1920 SF.

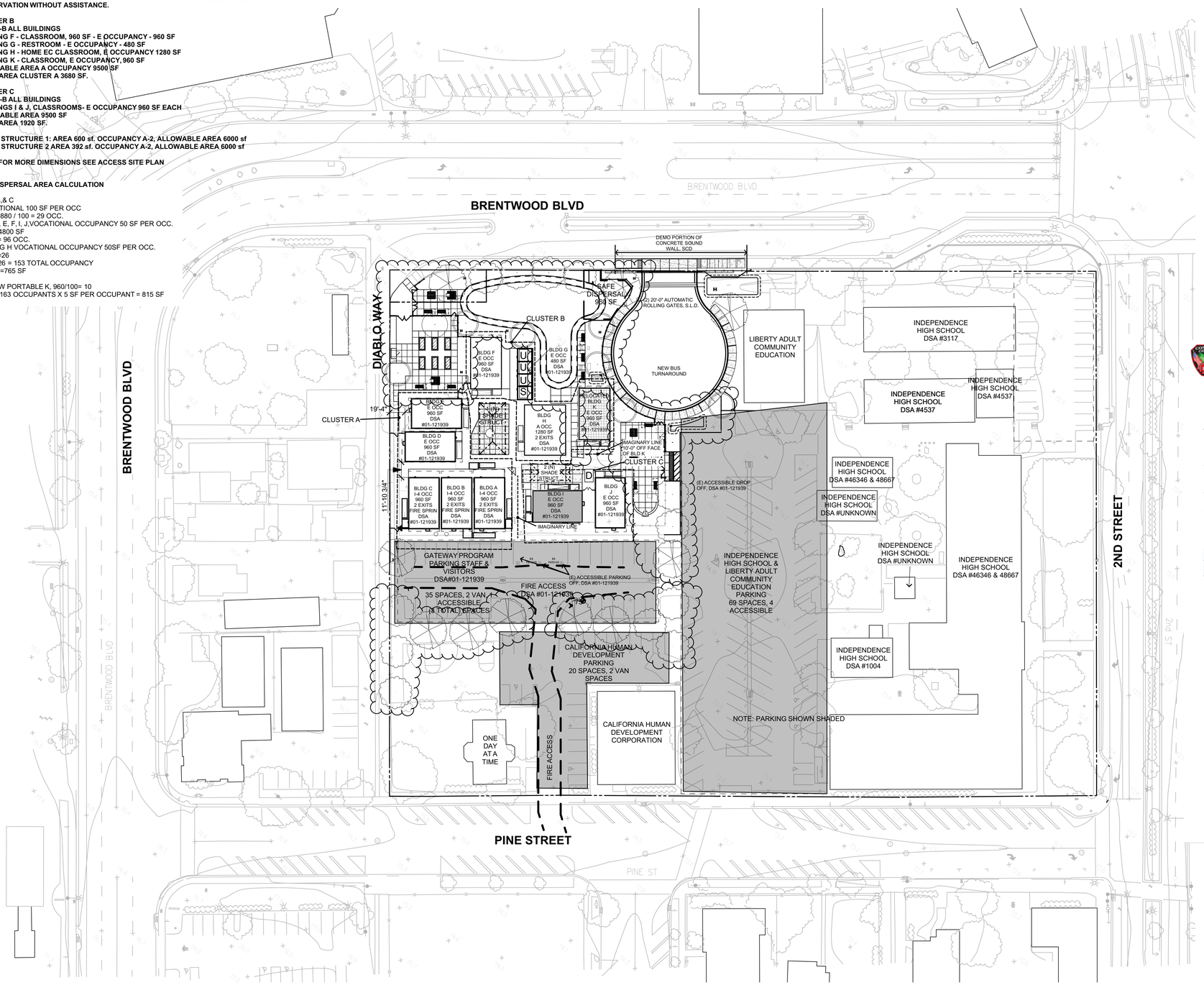
SHADE STRUCTURE 1: AREA 600 sf. OCCUPANCY A-2, ALLOWABLE AREA 6000 sf
SHADE STRUCTURE 2 AREA 392 sf. OCCUPANCY A-2, ALLOWABLE AREA 6000 sf

NOTE: FOR MORE DIMENSIONS SEE ACCESS SITE PLAN

SAFE DISPERSAL AREA CALCULATION

BLD. A,B,& C
INSTITUTIONAL 100 SF PER OCC
960X3+2880 / 100 = 29 OCC.
BDGS D, E, F, I, J,VOCATIONAL OCCUPANCY 50 SF PER OCC.
960X5= 4800 SF
4800/50= 96 OCC.
BUILDING H VOCATIONAL OCCUPANCY 50SF PER OCC.
1280/50=26
29+96+-26 = 153 TOTAL OCCUPANCY
153x5SF=765 SF

ADD NEW PORTABLE K, 960/100= 10
153+10=163 OCCUPANTS X 5 SF PER OCCUPANT = 815 SF



SITE PLAN 1
1" = 40'

NORTH

SITE PLAN LEGEND

- RELOCATED BUILDING
- (E) BUILDING TO REMAIN
- (N) CONCRETE
- ADD FIRE SPRINKLER AND EXTRA DOOR
- (N) ORNAMENTAL FENCE, SEE 9 / A-8.1
- FIRE ACCESS - DSA # 01-121939
- PROPERTY LINE

SOME CONDITIONS NOT SHOWN AT THIS SCALE, SEE SHEET G-0.4

DSA **810**

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings.*

PROJECT INFORMATION	
School District/Owner:	LIBERTY UNION HIGH SCHOOL DISTRICT
Project Name/School:	GATEWAY PROGRAM
Project Address:	929 SECOND STREET, BRENTWOOD, CA 94513

FIRE & LIFE SAFETY INFORMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☑		No ☐
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☑		No ☐
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? *(If yes, indicate FHSZ classification below.)*	Yes ☐		No ☑
	Refer to the following website for FHSZ locations: http://egis.fire.ca.gov/FHSZ/	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

FIRE FLOW TEST RESULTS

THE FOLLOWING RESULTS ARE VALID FOR 6 MONTHS.

Date: 12.02.2025

TO: Carlson, Barbee, & Gibson, Inc.
Attn: Jason Vogan

SITE: 929 Second St, Brentwood, CA 94513
X-ST: Pine St
CCCFPD #: P- 2025-003992AWS

THE FOLLOWING FIRE FLOW RESULTS INCLUDE A REQUIRED 10% REDUCTION.

Water District: City of Brentwood Conducted on: 12.17.2025 @ 1300 hours
STATIC: 58 RESIDUAL: 28 GPM: 1303 MAIN SIZE: 6
HYDRANT ELEVATION: ☐ THIS DATA IS FOR NFPA 13D SYSTEMS ONLY
CCCFPD Comments:

If you have any questions, please contact the Permit Technicians (permittech@cccfpd.org).

Digitally signed by Will Pigozzo Date: 2025.12.18 10:43:34-08'00'
Signature

Will Pigozzo (925) 941-3300
Name



4005 Port Chicago Hwy, Ste. 250 • Concord, CA 94520 • T: 925-941-3300 • F: 925-941-3309 • www.cccfpd.org

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

LICENSED ARCHITECT
KEVIN CHAPIN
LICENSE # C31640
EXP MAY 31, 2027
STATE OF CALIFORNIA

SIGNED: AUGUST 31, 2026

GATEWAY PROGRAM

PORTABLE AND SHADE STRUCTURES

929 SECOND STREET
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	TR, *ERF*
DRAWING SCALE:	1" = 40'-0"
PTN: 61721-99	FILE NO: 7-H4

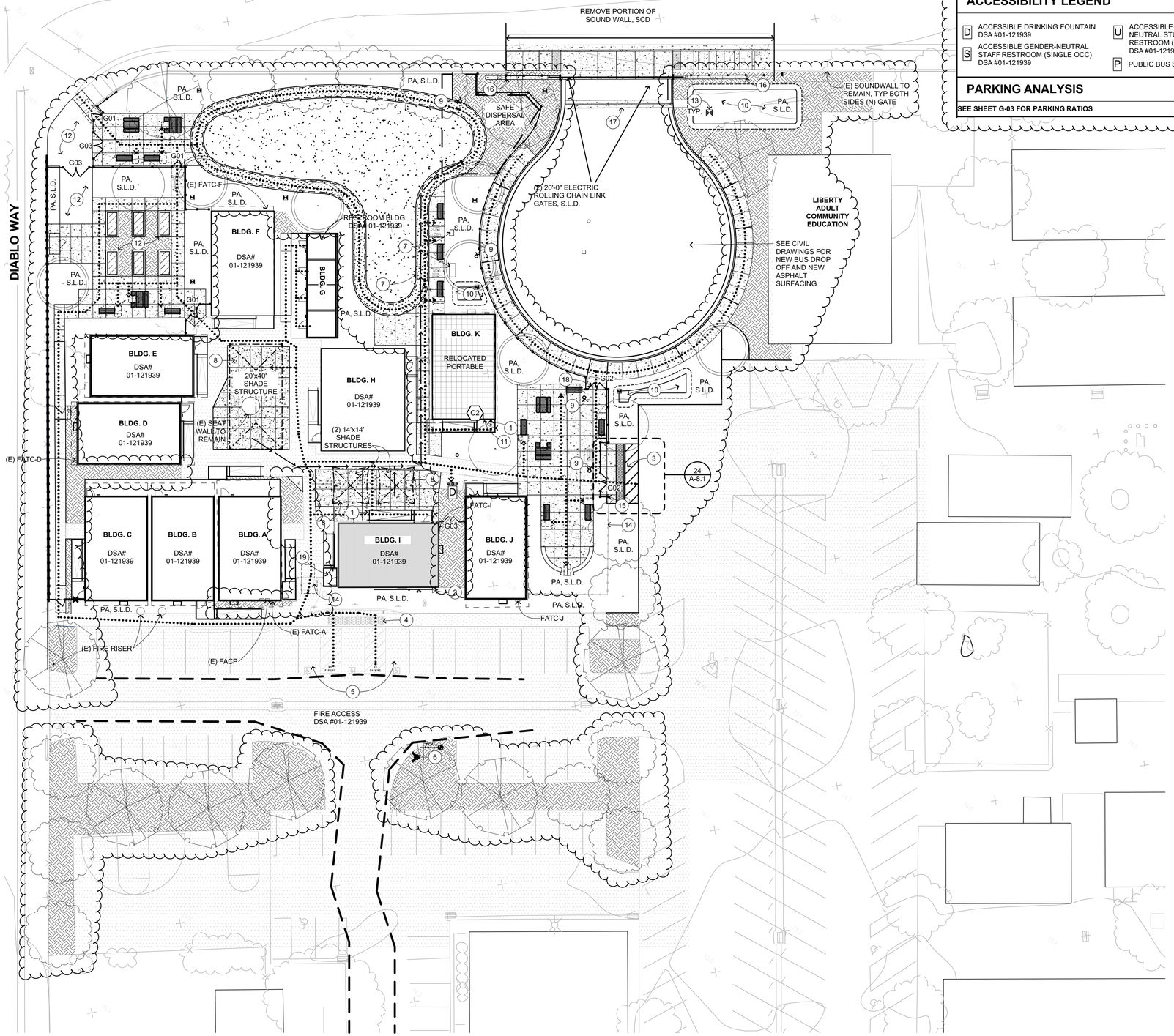
CONSTRUCTION DOCS

OCTOBER 8, 2026

SHEET TITLE
CAMPUS SITE PLAN, PROPERTY LINES, PARKING CALCULATIONS, CODE REVIEW

SHEET NUMBER
G-0.3

P:\2497.00 - Gateway Port and Shade Structure, LUHSD\Drawings\05-CA\2497.00 Gateway Landscape Revision.pln:10/6/20226:11:58 AM



ENLARGED SITE PLAN 1

1" = 20'

NORTH

GATE SCHEDULE

ID	SIZE	TYPE	HDWR	PH	GATE DETAIL	COMMENTS
G01	3'-0" x 6'-0"	OM	G1	-	10/A-8.1	ACS PEDESTRIAN GATE
G02	PR 3'-0" x 6'-0"	OM	G1	-	21/A-8.1	ACS PEDESTRIAN GATE
G03	PR 5'-0" x 6'-0"	OM	G1	-	22/A-8.1	MAINTENENCE GATE

ACCESSIBILITY LEGEND

- D — ACCESSIBLE DRINKING FOUNTAIN DSA #01-121939
- S — ACCESSIBLE GENDER-NEUTRAL STAFF RESTROOM (SINGLE OCC) DSA #01-121939
- U — ACCESSIBLE GENDER NEUTRAL STUDENT RESTROOM (SINGLE-OCC) DSA #01-121939
- P — PUBLIC BUS STOP

PARKING ANALYSIS

SEE SHEET G-03 FOR PARKING RATIOS

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT DSA PR 15-01

THE P.O.T. (ACCESSIBLE PATH OF TRAVEL) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR **PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS**. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS, OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

SITE PLAN GENERAL NOTES - ACCESS

THE ACCESSIBLE ROUTE (PATH OF TRAVEL) INDICATED HAS BEEN PROVIDED IN ACCORDANCE WITH IR 11B-10 AND SHALL COMPLY WITH THE FOLLOWING:

- 1:20 MAXIMUM SLOPE WITHOUT A RAMP HANDRAIL
- 1:48 MAXIMUM CROSS SLOPE
- NO ABRUPT VERTICAL CHANGES EXCEEDING 1/4". CHANGES BETWEEN 1/4" TO 1/2" VERTICAL CAN BE AT 1:2 MAX SLOPE. CHANGES LESS THAN 1/4" CAN BE VERTICAL.
- 48" MIN. CLEAR IN WIDTH (60" MIN PASSING SPACE EVERY 200 LINEAL FEET)
- NON-SLIP SURFACE -HEAVY BROOM FINISH AT EXTERIOR CONCRETE PAVING WHERE SLOPED >6%, MEDIUM BROOM FINISH AT SLOPES <6%
- MAINTAIN FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN
- PROTRUDING OBJECTS NOT GREATER THAN 4" SHALL BE MOUNTED BETWEEN 27" AND 80" A.F.F.
- WHERE A DRAIN INLET IS IN THE PATH OF TRAVEL, THE GRATE SHALL BE ORIENTED SO THAT MAX OPENING IS 1/2" & LONG DIM IS PERPENDICULAR TO THE PREDOMINANT DIRECTION OF PEDESTRIAN TRAVEL
- CONTRACTOR TO VERIFY THAT NO BELOW-GRADE PULL BOXES OCCUR WITHIN THE AREA OF TRUNCATED DOMES

PARKING AND PEDESTRIAN SITE SIGNAGE SHALL COMPLY WITH CBC SECTIONS 11B-502.6 11B-502.8 & 11B-703.7.2.1
BUILDING SIGNAGE SHALL COMPLY WITH CBC 11B-703

PEDESTRIAN GATES SHALL COMPLY WITH CBC 1010.2 & 11B-206.5
ARCHITECT SHALL VERIFY THERE ARE NO BARRIERS IN THE PATH OF TRAVEL

KEY NOTES

1. TMP RAMP (SEE TMP PC 04-122262) & DETAIL: 10/A-1.1
2. FIRE SPRINKLER RISER
3. (N) STUDENT DROP OFF, S.C.D.
4. (E) TRUNCATED DOMES, DSA# 01-121939
5. ACCESSIBLE PARKING, DSA #01-121939
6. (E) FIRE HYDRANT ELEVATION 75'
7. ELECTRICAL ITEM, S.E.D.
8. SHADE STRUCTURES PC 02-120865 & 02-120866
9. EGRESS LIGHTS, TYP. S.E.D.
10. BIO RETENTION AREA S.C.D.
11. ROOM ID SIGNAGE, SEE 5/A-1.1
12. (N) AC PAVING, S.C.D.
13. CATCH BASIN, TYP, S.C.D.
14. (E) ORNAMENTAL FENCE AND GATE DSA# 01-121939, CCD 5 & 7
15. ORNAMENTAL FENCE BEGINS HERE & CONTINUES AROUND LOOP
16. ROLLING GATE CONCRETE PAD, S.C.D.
17. VALLEY GUTTER, S.C.D.
18. 6'-0" ORNAMENTAL GATE, SEE GATE SCHEDULE
19. (E) RELOCATED TMP RAMP (SEE TMP PC 04-112032) & DETAIL 11/A-1.1
20. SIX CONC PLANTERS, SEE 23/A-8.1

SITE PLAN LEGEND - ACCESS

- RELOCATED BUILDING
- (E) BUILDING TO REMAIN
- (N) CONCRETE
- (E) BUILDING TO REMAIN, ADD FIRE SPRINKLER AND EXTRA DOOR
- (N) TRUNCATED DOMES, SEE 17/A-1.1
- (N) MULCH COVERING, S.L.D.
- (N) ACCESSIBLE TURF COVERING, S.L.D.
- (E) CONCRETE/PAVEMENT TO REMAIN, S.C.D.
- (N) ORNAMENTAL FENCE, SEE 9/A-8.1
- FIRE ACCESS - DSA # 01-121939
- PATH OF EGRESS
- ACCESSIBLE PATH OF TRAVEL

FOR PROPERTY LINE, SEE G-0.3, PROPERTY LINE SITE PLAN

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

LICENSED ARCHITECT
KEVIN CHAPIN
LICENSE # C31640
EXP MAY 31, 2027
STATE OF CALIFORNIA

SIGNED: AUGUST 31, 2026

GATEWAY PROGRAM

PORTABLE AND SHADE STRUCTURES

929 SECOND STREET
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	TR, *ERF*
DRAWING SCALE:	1/8" = 1'-0"
PTN: 61721-99	FILE NO: 7-H4

CONSTRUCTION DOCS
OCTOBER 8, 2026

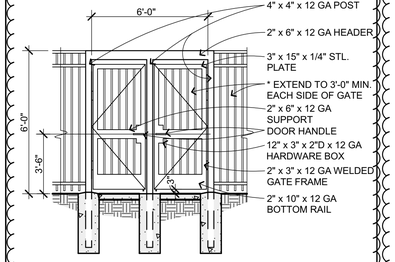
SHEET TITLE

ACCESS SITE PLAN

SHEET NUMBER

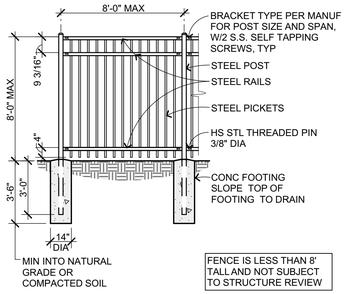
G-0.4

P:\2497.00 - Gateway Port and Shade Structure, LUHSD\Drawings\05-CA\2497.00 Gateway Landscape Revision.pln:10/6/2026,11:58 AM



METAL FENCE DBL GATE

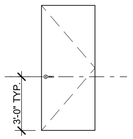
1/4" = 1'-0" G204103 **21**



METAL FENCE

1/4" = 1'-0" G204102 **9**

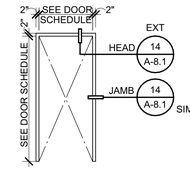
DOOR PANEL TYPES



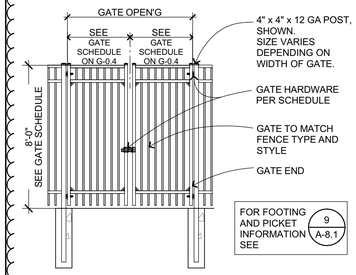
A
FLUSH

DOOR FRAME TYPES - HOLLOW METAL

DETAILS TYP OF ALL HOLLOW METAL FRAMES U.O.N.

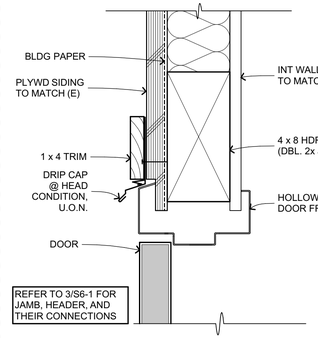


1
HOLLOW METAL FRAME



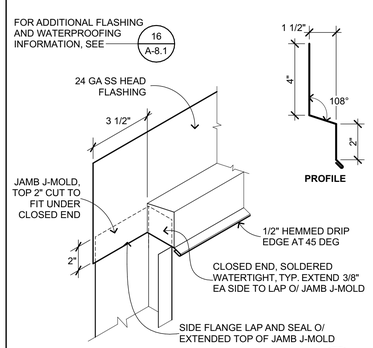
NON ACC MAINTENENCE GATE

1/4" = 1'-0" G206 OF 304 **22**



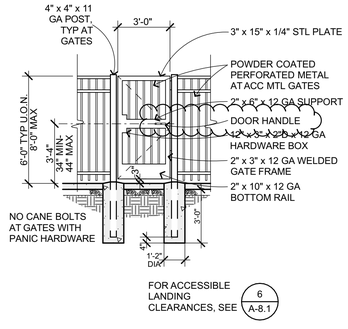
EXT HM DR HEAD/JAMB SIM.

3" = 1'-0" B203 WD 101 **18**



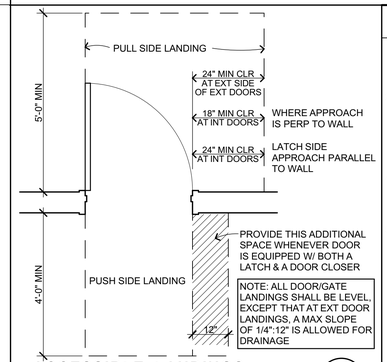
EXT HM DOOR FLASHING

3" = 1'-0" B203 109 **14**



METAL FENCE SINGLE GATE

1/4" = 1'-0" G204 of 201 **10**



ACCESSIBLE LANDINGS

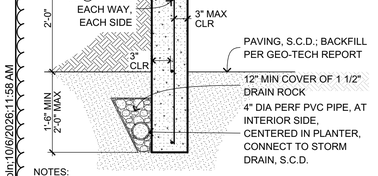
1/2" = 1'-0" B203 301 **6**

DOOR GENERAL NOTES

1. ALL EXIT DOORS IN SCHOOL BUILDINGS, INCLUDING BUT NOT LIMITED TO DOORS OF TOILET ROOMS AND STORAGE ROOMS SHALL CONFORM TO CBC 1010. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, OR SPECIAL KNOWLEDGE OR EFFORT.
2. EXIT DEVICES (PANIC HARDWARE) SHALL BE INSTALLED IN CONFORMANCE WITH CBC 1010.2.9. PANIC HARDWARE IS REQUIRED FROM ROOMS AND CORRIDORS OF A OR E OCCUPANCY WHERE OCCUPANT LOAD IS 50 OR MORE PER CBC 1010.2.9
3. ALL DOORS AT E OCCUPANCY WITH AN OCCUPANT LOAD GREATER THAN 5 SHALL BE LOCKABLE FROM THE INSIDE.
4. DOORS WITH CLOSERS SHALL BE ADJUSTED TO PROVIDE MINIMUM DOOR CLOSER PERIOD OF FIVE SECONDS FROM A POSITION OF 90 DEGREES TO WITHIN 12 DEGREES OF THE DOOR LATCH, MEASURED FROM THE LEADING EDGE OF THE DOOR.
5. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS APPLIED IN THE DIRECTION OF TRAVEL. REQUIRED FIRE DOORS SHALL HAVE A MAXIMUM OPERATING EFFORT NOT TO EXCEED 15 POUNDS. THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED POSITION.

DOOR GENERAL NOTES

1/4" = 1'-0" Z101 005 **2**

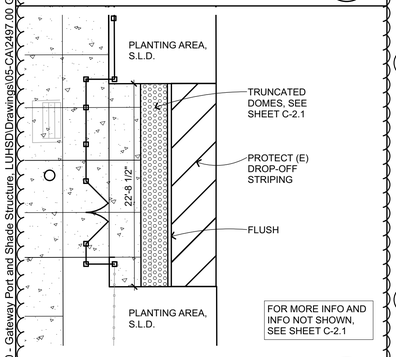


FOR INFORMATION SHOWN BUT NOT NOTED S.C.D.

NOTES:
1. PROVIDE FORMED DOWELED CONSTRUCTION JOINTS AT 100' O.C. MAX
2. PROVIDE VERTICAL CONTROL JOINTS AT 10'-0" MAX, (1) MIN PER SIDE CENTERED ON LENGTH
3. SCARIFY AND COMPACT UPPER 12 INCHES OF EXPOSED SUBGRADE AND COMPACT FILL TO A MINIMUM OF 90 PERCENT COMPACTION NEAR OPTIMUM CONTENT FOR GRANULAR SOILS AND TO A MINIMUM OF 90 PERCENT COMPACTION AT A MINIMUM OF 2 PERCENT OVER OPTIMUM MOISTURE CONTENT FOR CLAYEY SOILS.

TYP PLANTER WALL

3/4" = 1'-0" 2339.00 **23**



NEW DROP OFF

1/8" = 1'-0" 0 **24**

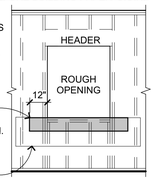
FLEX FLASHING INSTALLED BEFORE BUILDING PAPER, U.O.N.

DETAIL APPLIES TO ALL FRAMED WALL PENETRATIONS

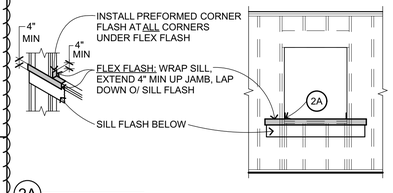
FLEX FLASH MATERIAL SHALL BE SELF SEALING, FULLY ADHERED COMPOSITE FLEX FLASH, U.O.N.

12" WIDE FLEX SILL FLASH: x LENGTH REQD TO EXTEND 12" BEYOND OPNG AS SHOWN. ATTACH AT TOP ONLY (SEE BELOW)

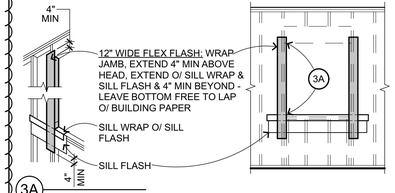
BUILDING PAPER FLAP BENEATH - DO NOT ATTACH AT BOTTOM



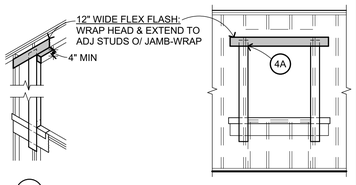
1 STEP 1 - SILL FLASHING



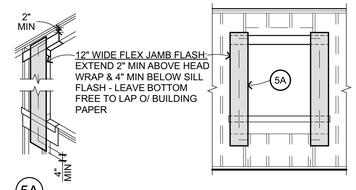
2 STEP 2 - WINDOW WRAP AT SILL



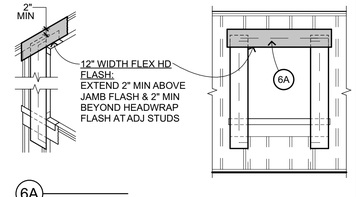
3 STEP 3 - WRAP AT JAMB



4 STEP 4 - WRAP AT HEAD



5 STEP 5 - JAMB FLASHING

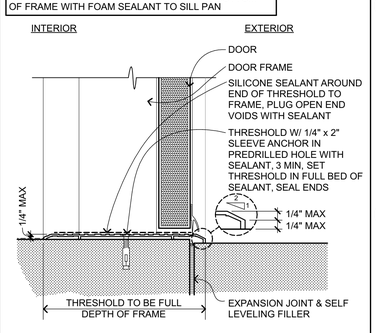


6 STEP 6 - HEAD FLASHING

TYP FLASHING/PAPERING

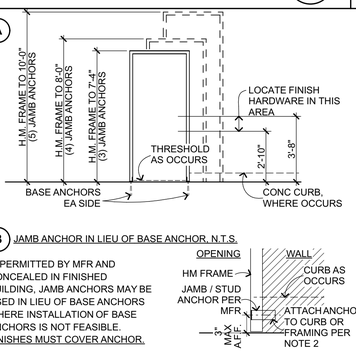
1/4" = 1'-0" B201 103 **16**

NOTE: AIR SEAL AT HM/SS/FRP FRAME: FILL BOTTOM OF FRAME WITH FOAM SEALANT TO SILL PAN



THRESHOLD

3" = 1'-0" B203 103 **11**



HM FRAME ANCHORAGE

1/4" = 1'-0" B203 106 **3**

NOTES:

1. PROVIDE DOOR FRAME ANCHORAGE AS FOLLOWS:
   A. PROVIDE A MINIMUM OF (3) FRAME ANCHORS AT EA JAMB OF DOOR FRAMES AT 24" O.C. MAX WITHIN 18" OF TOP AND BOTTOM. JAMB ANCHORS TO BE SPACED EQUALLY.
   B. PROVIDE BASE ANCHORS AT EA SIDE IN ADDITION TO JAMB ANCHORS SHOWN ON DIAGRAM A. SEE DIAGRAM B FOR CONDITIONS WHERE INSTALLATION OF BASE ANCHOR IS NOT FEASIBLE.
   C. AT FRAMES WIDER THAN 60", PROVIDE HEAD ANCHOR IN CENTER OF FRAME PER MFR RECOMMENDATIONS.
2. ATTACH JAMB / HEAD ANCHORS PER THE FOLLOWING, (2) FASTENERS PER ANCHOR:
   WOOD FRAMING: #8 F.H.W.S., 1 1/2" MINIMUM PENETRATION.
   LIGHT GAUGE STEEL FRAMING: #8 SMS SCREWS, 1/2" MIN PENETRATION PAST EDGE OF METAL FRAME
   CONC CURB OR WALL: 3/16" DIA X 1/1/4" MIN EMBED CONC / MASONRY SCREW
3. ATTACH BASE ANCHORS TO CONC SLAB WITH 3/8" DIA x 2-1/2" NOMINAL EMBED, HILTI KWIKBOLT TZ2, ICC ESR 4266. ALTERNATE FASTENER: 3/8" DIA X 2-1/2 HILTI KB1, IAPMO-ER678 (2) PER ANCHOR, 3" MIN APART, 30 FT-LB INSTALLATION TORQUE
4. IF PERMITTED BY MFR AND CONCEALED BY ACCESSIBILITY COMPLIANT THRESHOLD, BASE ANCHOR MAY BE INSTALLED W/ HORIZONTAL LEG EXTENDED INTO OPENING.
5. ALL ANCHORS AND ASSOCIATED FASTENERS MUST BE CONCEALED.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

LICENSED ARCHITECT
KEVIN CHAPIN
LICENSE # C31640
EXP MAY 31, 2027
STATE OF CALIFORNIA

SIGNED: AUGUST 31, 2026

GATEWAY PROGRAM

PORTABLE AND SHADE STRUCTURES

929 SECOND STREET
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	TR, ERF
DRAWING SCALE:	AS NOTED
PTN: 61721-99	FILE NO: 7-H4

CONSTRUCTION DOCS
OCTOBER 8, 2026

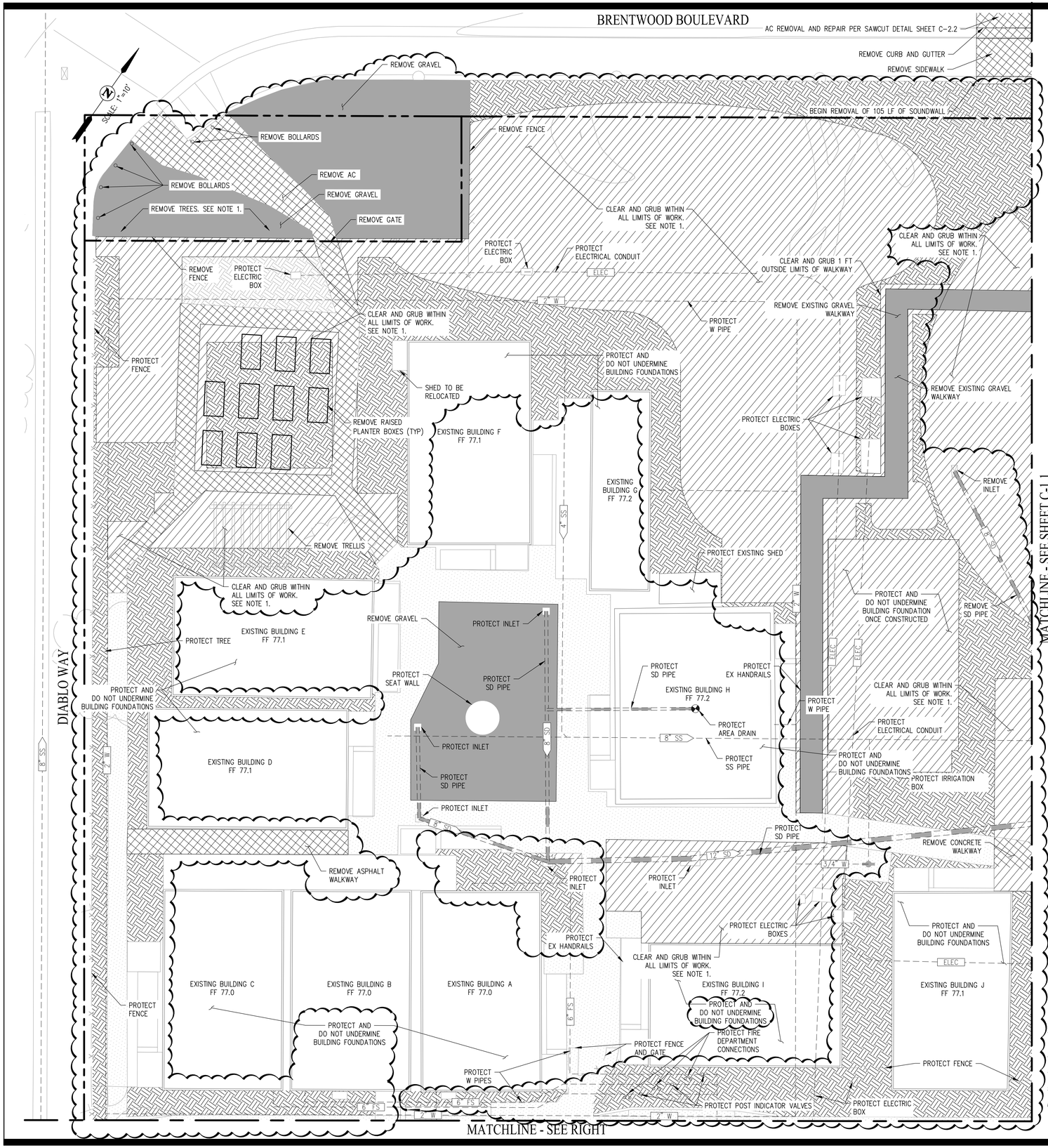
SHEET TITLE

DOOR SCHEDULE & GATE DETAILS

SHEET NUMBER

A-8.1

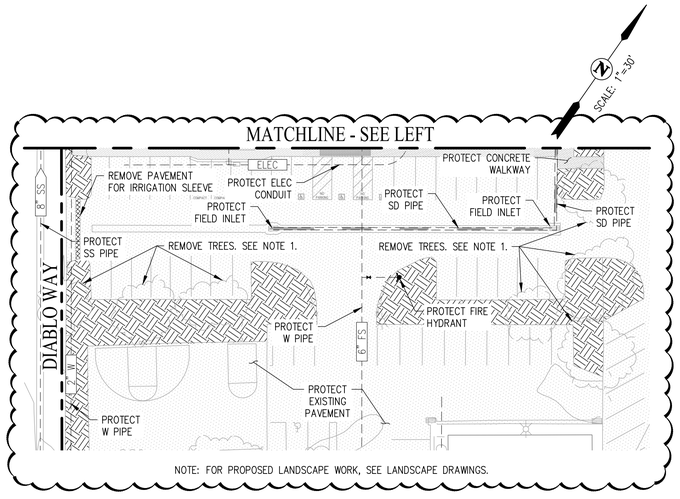
P:\2497.00 - Gateway Port and Shade Structure, LUHSD\Drawings\05-CA\2497.00 Gateway Landscape Revision.pln;10/6/2026 11:58 AM



LEGEND

- REMOVE DECOMPOSED GRANITE/GRAVEL
- CLEAR AND GRUB
- AREA OF CONCRETE/ASPHALT REMOVAL
- AREA OF LANDSCAPING TO REMOVE
- AREA OF LANDSCAPING TO REMAIN
- AREA OF PAVEMENT TO REMAIN
- 8" SS — EXISTING SANITARY SEWER
- 12" SD — EXISTING STORM DRAIN
- 6" W — EXISTING WATER
- ELEC — EXISTING ELECTRICAL LINE
- EXISTING PROPERTY BOUNDARY

0 10 20 30



NOTE: FOR PROPOSED LANDSCAPE WORK, SEE LANDSCAPE DRAWINGS.

NOTES

1. CLEAR AND GRUB A MINIMUM OF 3 INCHES DEEP TO REMOVE ALL SURFACE VEGETATION, ORGANIC LADEN TOPSOIL AND LANDSCAPING. FOR REMOVAL OF TREES, THE ROOT SYSTEM SHOULD BE REMOVED SUCH THAT THERE ARE NO ROOTS THICKER THAN 1 INCH IN DIAMETER AND THE REMAINING ORGANICS ARE NO GREATER THAN 3 PERCENT BY DRY WEIGHT WITHIN THE UPPER 5 FEET OR DEPTH OF THE ROOT BALL, LATERALLY A MINIMUM OF 5 FEET BEYOND THE LIMITS OF IMPROVEMENTS AND 3 FEET BEYOND FLATWORK, PAVERS AND PAVEMENT. SEE SECTION 6.4.1, 'SITE PREPARATION AND GRADING' OF THE GEOTECHNICAL REPORT DATED AUGUST 4, 2023 BY BSK ASSOCIATES FOR GUIDELINES IN FULL FOR CLEAR AND GRUB AND TREE REMOVAL.
2. CONTRACTOR SHALL SAFELY REMOVE ALL EXISTING IRRIGATION WITHIN THE PROJECT LIMIT. CUT AND CAP ALL EXISTING LINES. PROPOSED IRRIGATION PER THE IRRIGATION PLANS.
3. SAWCUT PAVEMENT AND CONCRETE NEATLY AT LIMITS OF REMOVAL.
4. STOCKPILE OR LEGALLY DISPOSE OF DEMOLISHED MATERIALS OFF SITE.
5. VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO DEMOLITION. CONTRACTOR TO NOTIFY THE DESIGNER OF DISCREPANCIES.
6. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION HAVE BEEN APPROVED BY DSA.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	MJV
DRAWING SCALE:	AS SHOWN
PTN: 61721-99	FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

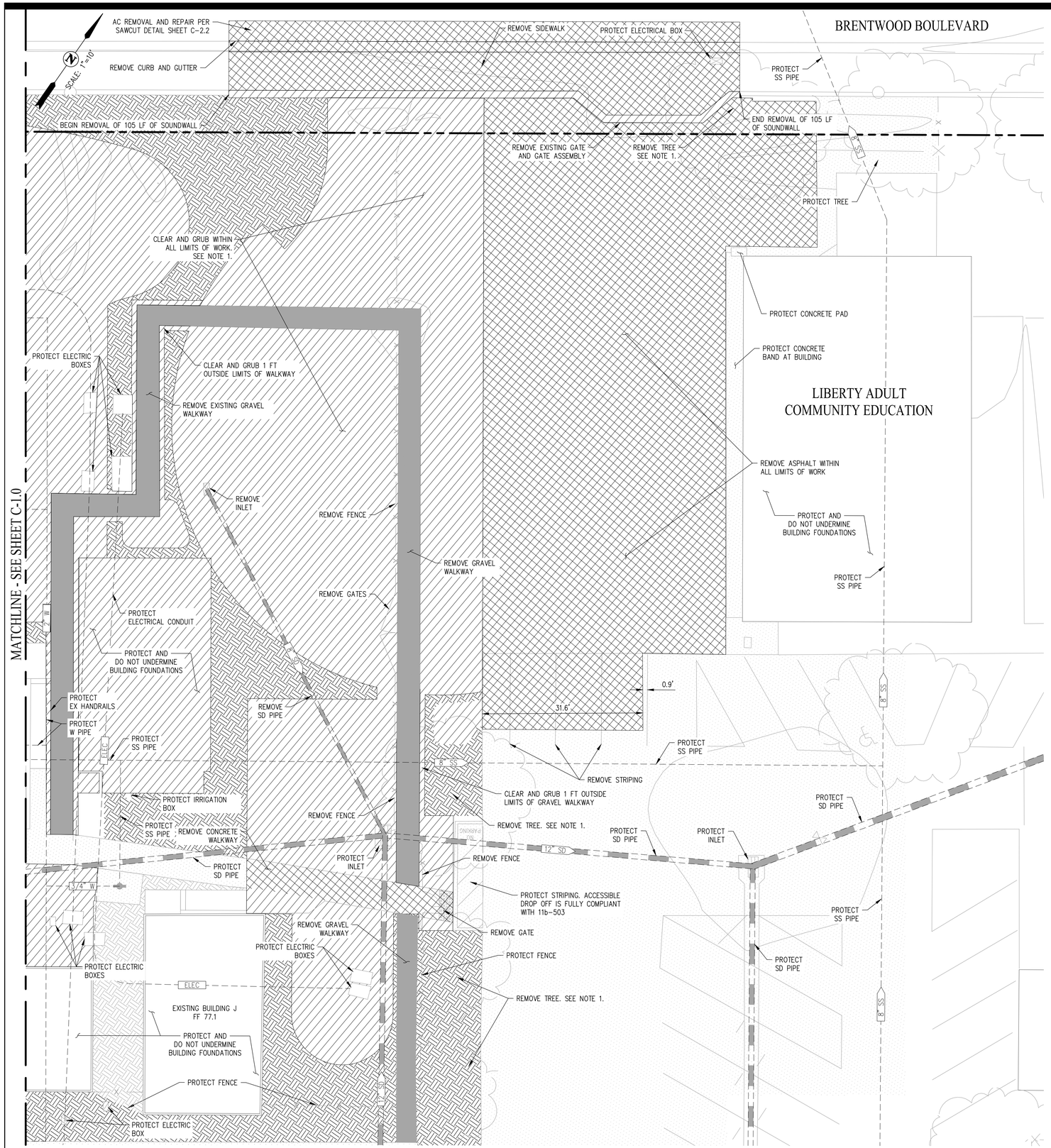
SHEET TITLE

EXISTING CONDITIONS/ DEMOLITION

SHEET NUMBER

C-1.0

G:\1257-020\ACAD\CD\GATEWAY\PHASE 2\C-1.0.DWG



LEGEND

- REMOVE DECOMPOSED GRANITE/GRAVEL
- CLEAR AND GRUB
- AREA OF CONCRETE/ASPHALT REMOVAL
- AREA OF LANDSCAPING TO REMOVE
- AREA OF LANDSCAPING TO REMAIN
- 8" SS — EXISTING SANITARY SEWER
- 12" SD — EXISTING STORM DRAIN
- 6" W — EXISTING WATER
- ELEC — EXISTING ELECTRICAL LINE
- EXISTING PROPERTY BOUNDARY

0 10 20 30

NOTES

1. CLEAR AND GRUB A MINIMUM OF 3 INCHES DEEP TO REMOVE ALL SURFACE VEGETATION, ORGANIC LADEN TOPSOIL AND LANDSCAPING. FOR REMOVAL OF TREES, THE ROOT SYSTEM SHOULD BE REMOVED SUCH THAT THERE ARE NO ROOTS THICKER THAN 1 INCH IN DIAMETER AND THE REMAINING ORGANICS ARE NO GREATER THAN 3 PERCENT BY DRY WEIGHT WITHIN THE UPPER 5 FEET OR DEPTH OF THE ROOT BALL, LATERALLY A MINIMUM OF 5 FEET BEYOND THE LIMITS OF IMPROVEMENTS AND 3 FEET BEYOND FLATWORK, PAVERS AND PAVEMENT. SEE SECTION 6.4.1, 'SITE PREPARATION AND GRADING' OF THE GEOTECHNICAL REPORT DATED AUGUST 4, 2023 BY BSK ASSOCIATES FOR GUIDELINES IN FULL FOR CLEAR AND GRUB AND TREE REMOVAL.
2. CONTRACTOR SHALL SAFELY REMOVE ALL EXISTING IRRIGATION WITHIN THE PROJECT LIMIT AND REINSTALL AS NECESSARY TO ENSURE SYSTEM FUNCTIONS AS IT DID PRIOR TO CONSTRUCTION.
3. REMOVE AND PROTECT ALL EXISTING IRRIGATION LINES AND HEADS AS REQUIRED; RELOCATE OR REPLACE AS NEEDED.
4. SAWCUT PAVEMENT AND CONCRETE NEATLY AT LIMITS OF REMOVAL.
5. STOCKPILE OR LEGALLY DISPOSE OF DEMOLISHED MATERIALS OFF SITE.
6. VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO DEMOLITION. CONTRACTOR TO NOTIFY THE DESIGNER OF DISCREPANCIES.
7. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION HAVE BEEN APPROVED BY DSA.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	MJV
DRAWING SCALE:	AS SHOWN
PTN: 61721-99	FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

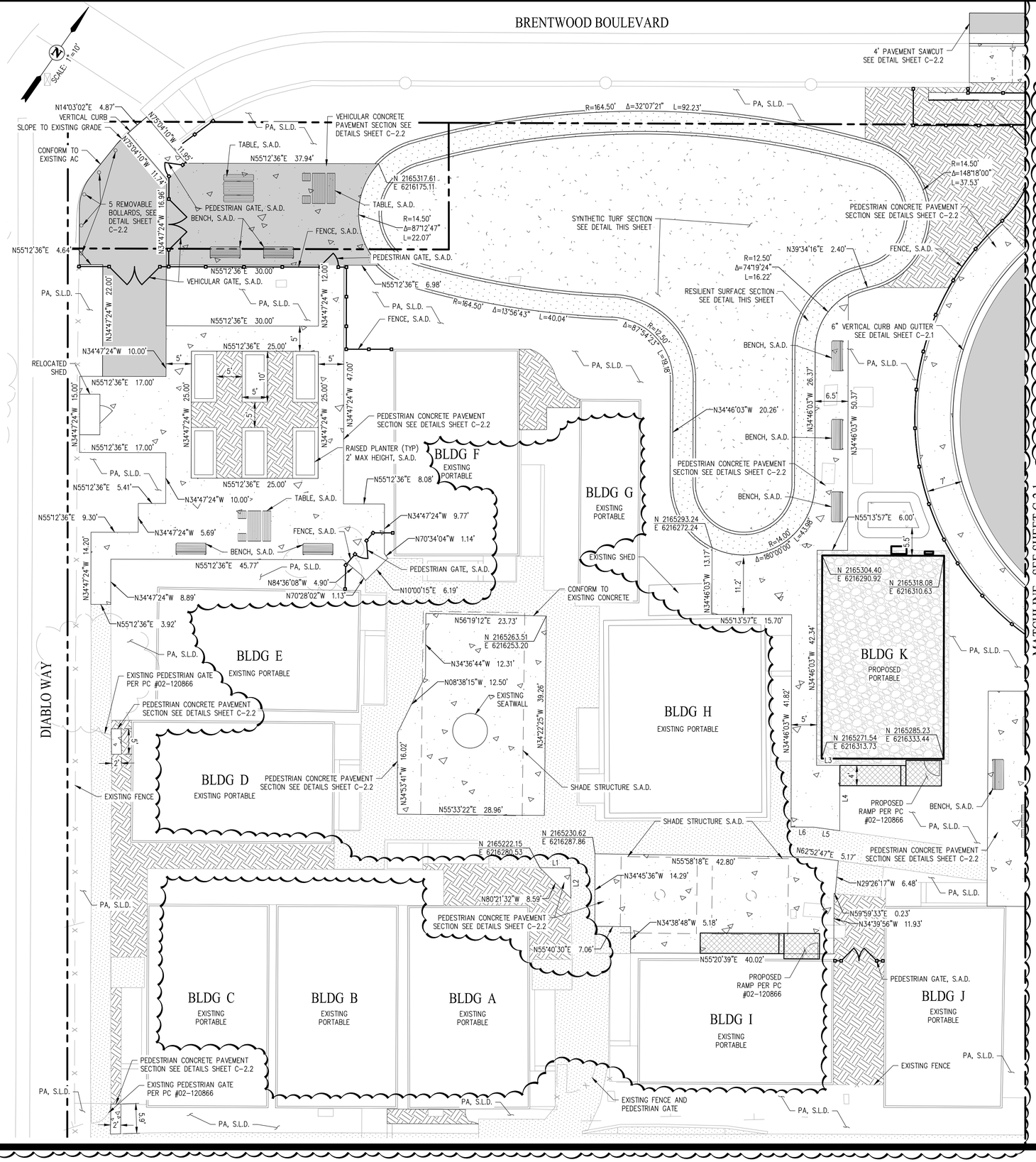
SHEET TITLE

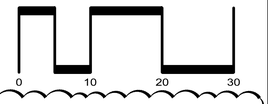
EXISTING CONDITIONS/ DEMOLITION

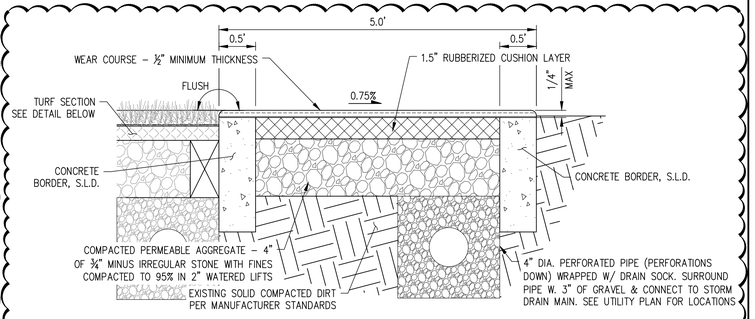
SHEET NUMBER

C-1.1

G:\1257-020\ACAD\CD\GATEWAY\PHASE 2B\C-1.1.DWG

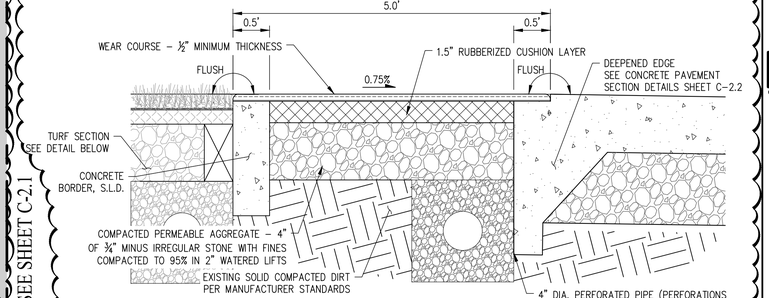






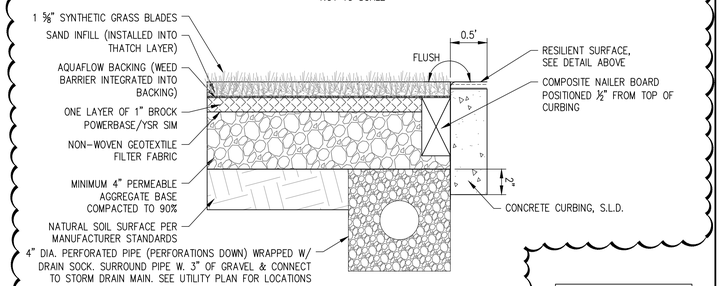
RESILIENT SURFACE SECTION (ADJACENT TO LANDSCAPE)

NOT TO SCALE



RESILIENT SURFACE SECTION (ADJACENT TO PAVEMENT)

NOT TO SCALE



SYNTHETIC TURF SECTION

NOT TO SCALE

LINE TABLE		
NO	BEARING	LENGTH
L1	N55°19'34"E	6.00'
L2	S36°02'38"E	6.00'
L3	N55°13'57"E	4.59'
L4	N34°46'03"W	12.87'
L5	N62°55'59"E	5.14'
L6	N55°25'01"E	4.50'

LEGEND

- PROPOSED RAMP PER PC #02-120866
- PROPOSED ASPHALT CONCRETE (2.5" AC/10.5" AB)
- PROPOSED VEHICULAR CONCRETE (SEE VEHICULAR CONCRETE PAVEMENT SECTION SHEET C-2.2)
- PROPOSED PEDESTRIAN CONCRETE (SEE PEDESTRIAN CONCRETE PAVEMENT SECTION SHEET C-2.2)
- PROPOSED BIO-RETENTION AREA PER DETAIL SHEET C-5.0 & C-5.1
- PROPOSED 8" CLASS II AB COMPACTED TO 95%
- PROPOSED LANDSCAPING, S.L.D.
- PROPOSED RESILIENT SURFACE. SEE DETAIL SECTION THIS SHEET
- PROPOSED SYNTHETIC TURF. SEE DETAIL SECTION THIS SHEET
- EXISTING PAVEMENT TO REMAIN
- EXISTING CONCRETE SIDEWALK/WALKWAY TO REMAIN
- EXISTING PROJECT BOUNDARY
- PROPOSED FENCING. SEE LANDSCAPE PLANS.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM
SURVEYORS • PLANNERS

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	MJV
DRAWING SCALE:	AS SHOWN
PTN: 61721-99	FILE NO. 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

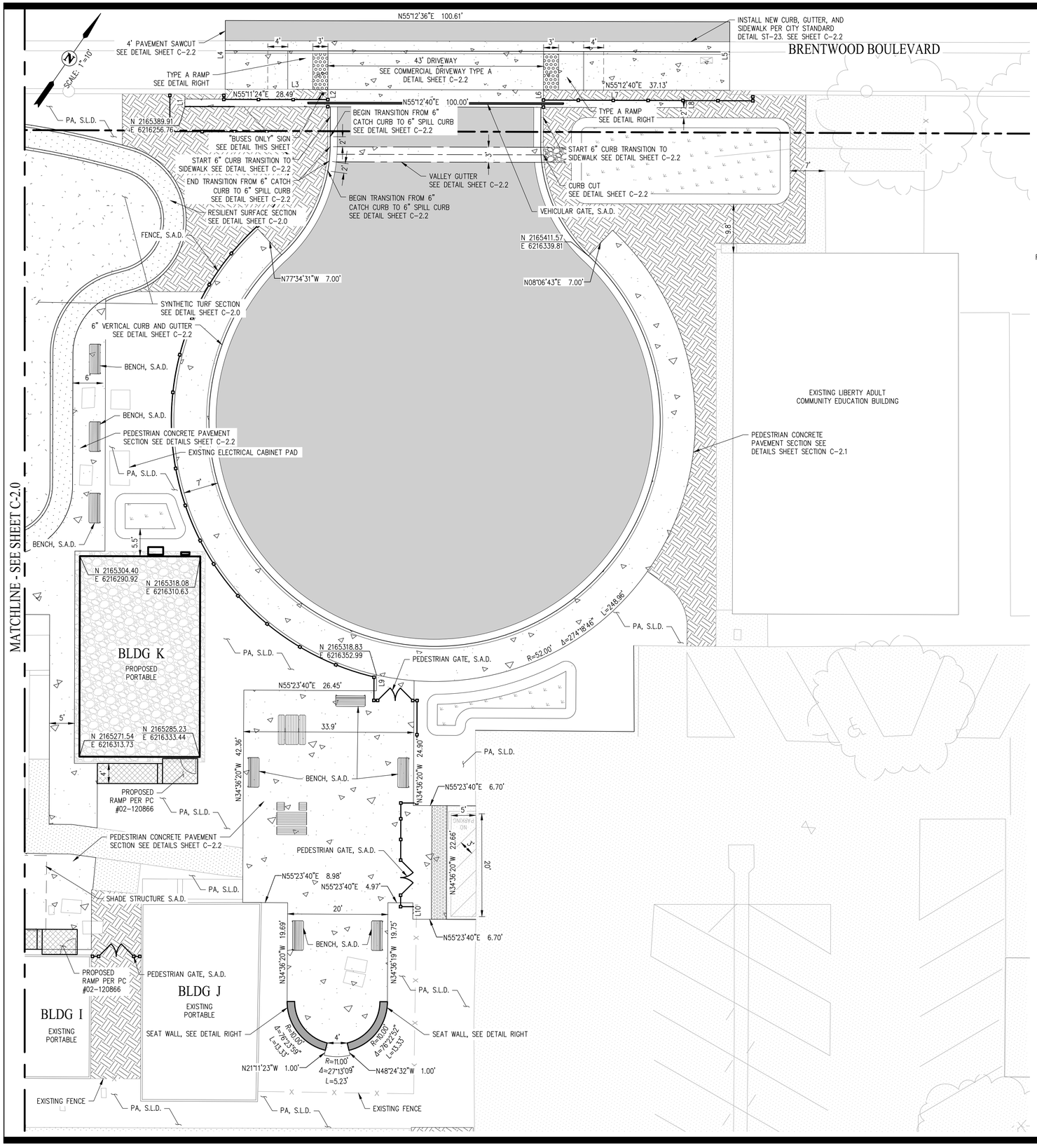
SHEET TITLE

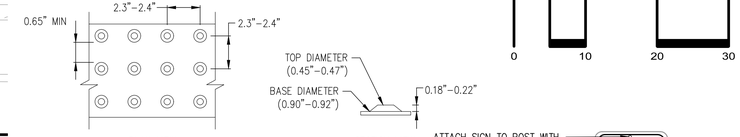
HORIZONTAL CONTROL PLAN

SHEET NUMBER

C-2.0

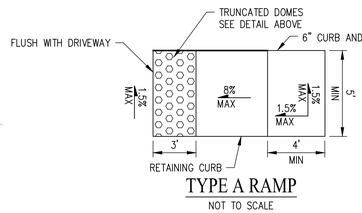
G:\11257-020\ACAD\CD\GATEWAY\PHASE 2B\C-2.0.DWG





TYPICAL TRUNCATED DOME DETAIL PER CBC 11B-705.1.1

COLOR TO BE YELLOW
NOT TO SCALE

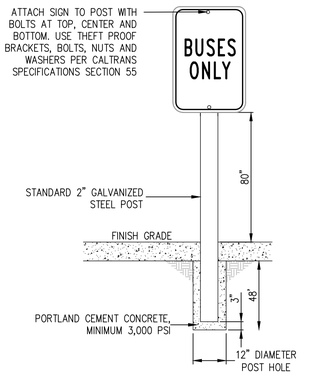


TYPE A RAMP

NOT TO SCALE

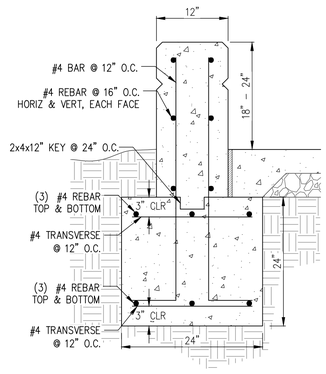
NOTES

1. TRANSITIONS BETWEEN NEW AND EXISTING SURFACES SHALL BE FLUSH AND ACCESSIBLE.
2. PROTECT EXISTING FEATURES NOT SCHEDULED TO BE REMOVED.



BUSES ONLY SIGN PLACEMENT

NOT TO SCALE



SEAT WALL

NOT TO SCALE

LEGEND

- PROPOSED RAMP PER PC #02-120866
- PROPOSED ASPHALT CONCRETE (2.5" AC/10.5" AB)
- PROPOSED PEDESTRIAN CONCRETE (SEE PEDESTRIAN CONCRETE PAVEMENT SECTION SHEET C-2.2)
- PROPOSED BIO-RETENTION AREA PER DETAIL SHEET C-5.0 & C-5.1
- PROPOSED 8" CLASS II AB COMPACTED TO 95%
- PROPOSED LANDSCAPING
- PROPOSED RESILIENT SURFACE. SEE DETAIL SECTION THIS SHEET
- PROPOSED SYNTHETIC TURF. SEE DETAIL SECTION THIS SHEET
- EXISTING PAVEMENT TO REMAIN
- EXISTING CONCRETE SIDEWALK/WALKWAY TO REMAIN
- PROPOSED SIGN PER DETAIL THIS SHEET
- EXISTING PROJECT BOUNDARY
- PROPOSED FENCING. SEE LANDSCAPE PLANS.

LINE TABLE		
NO	BEARING	LENGTH
L1	N34°47'20"W	1.50'
L2	N34°20'56"W	1.96'
L3	N55°14'39"E	20.49'
L4	N34°47'13"W	13.67'
L5	N34°47'13"W	13.69'
L6	N34°47'20"W	1.97'
L7	N55°12'40"E	28.50'
L8	N34°47'20"W	1.50'
L9	S34°36'20"E	3.16'
L10	N34°36'20"W	3.26'

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO: 2497.00
DRAWN BY: MJV
DRAWING SCALE: AS SHOWN
PTN: 61721-99 FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

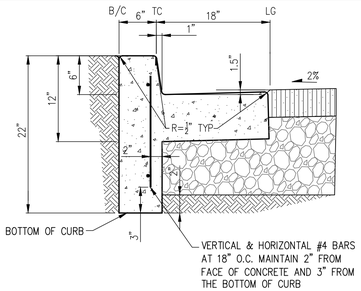
SHEET TITLE

HORIZONTAL CONTROL PLAN

SHEET NUMBER

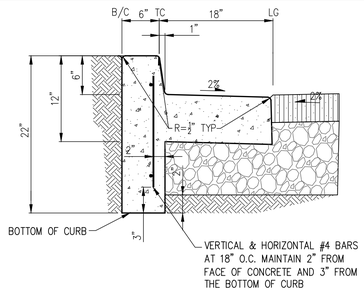
C-2.1

G:\1257-020\ACAD\CD\GATEWAY\PHASE 2B\C-2.1.DWG



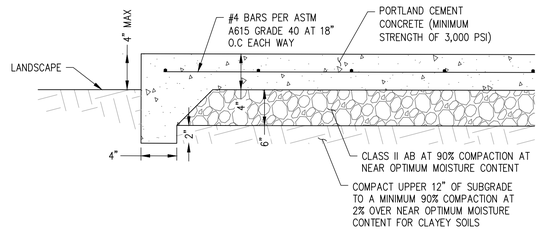
6" VERTICAL CURB AND GUTTER DETAIL

NOT TO SCALE



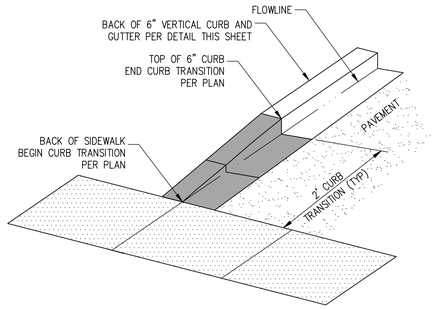
6" VERTICAL CURB AND SPILL GUTTER DETAIL

NOT TO SCALE



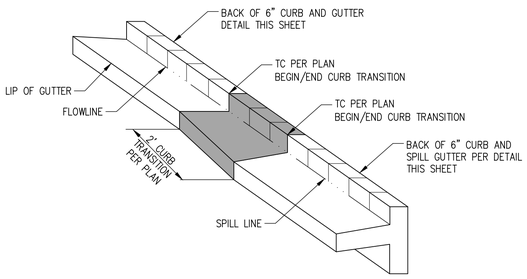
PEDESTRIAN CONCRETE PAVEMENT SECTION

NOT TO SCALE



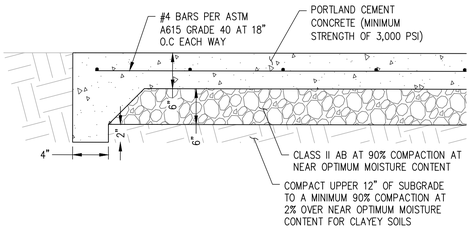
CURB TRANSITION DETAIL
6" VERTICAL TO SIDEWALK

NOT TO SCALE



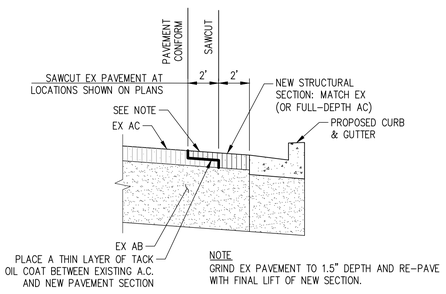
6" CURB W/ CATCH GUTTER TO 6" CURB W/ SPILL GUTTER TRANSITION DETAIL

NOT TO SCALE

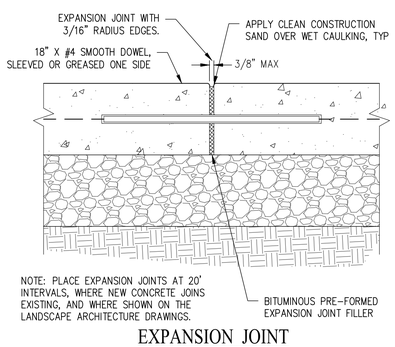


VEHICULAR CONCRETE PAVEMENT SECTION

NOT TO SCALE

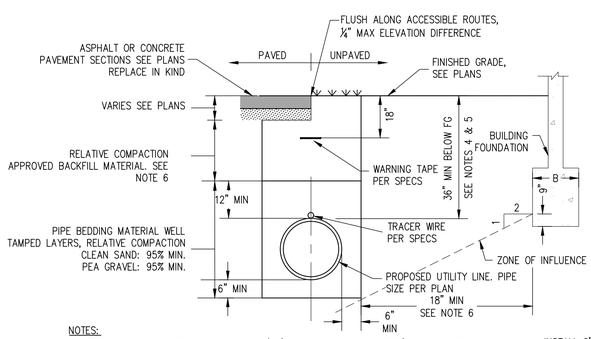


PAVEMENT SAWCUT REPAIR DETAIL



EXPANSION JOINT

NOT TO SCALE

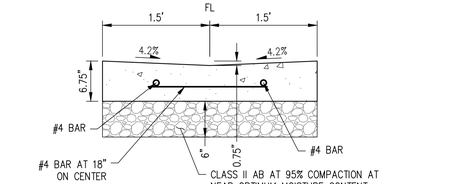


NOTES:

1. BEDDING SHOULD EXTEND A MINIMUM D/4 (D=OUTSIDE PIPE DIAMETER) BELOW BOTTOM OF PIPE.
2. SEE PROJECT SPECIFICATIONS FOR FURTHER UTILITY TRENCH REQUIREMENTS.
3. WHERE TRENCHES EXCEED 5' DEEP, CONTRACTOR TO CONFORM TO CURRENT OSHA REQUIREMENTS FOR SHORING, SLOPING, AND WORKING SAFELY.
4. COVER FOR PAVED AREAS IS DEFINED FROM TOP OF PIPE TO BOTTOM OF AGGREGATE BASE.
5. COVER FOR UNPAVED AREAS IS DEFINED FROM TOP OF PIPE TO TOP OF FINISHED SURFACE.
6. AT A DISTANCE OF 4xB OR BEYOND, THERE IS NO DEPTH RESTRICTION ON TRENCHES OR DEEPENING OF FOOTINGS.
7. THE RELATIVE COMPACTION FOR APPROVED NATIVE MATERIAL, IMPORTED FILL, AND CALTRANS CLASS II AGGREGATE BASE SHALL BE AS FOLLOW:
   PAVED AREAS: 95% MINIMUM
   NON-PAVED AREAS: 90% MINIMUM

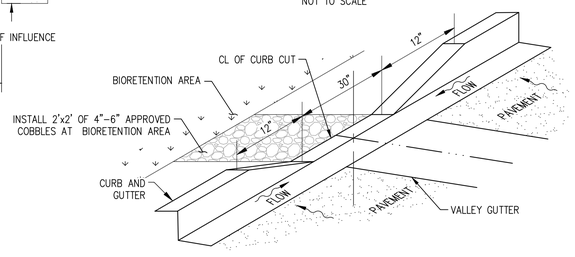
TRENCH DETAIL

NOT TO SCALE



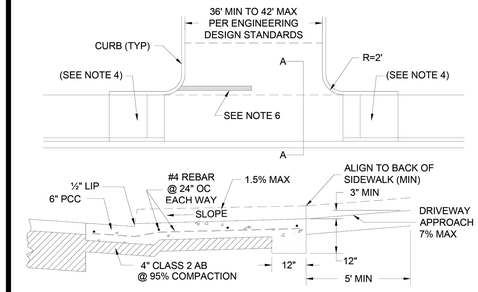
VALLEY GUTTER DETAIL

NOT TO SCALE



CURB CUT DETAIL

NOT TO SCALE



SECTION A-A

NOTES:

1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 P.S.I. WITH 1½ LBS. FIBRILLATED POLYPROPYLENE FIBERS PER CUBIC YARD.
2. BROOM FINISH WALK AT RIGHT ANGLES TO CURB; CURB AND GUTTER PARALLEL TO STREET.
3. ALL CONCRETE SHALL HAVE A MINIMUM OF 4" CLASS 2 A.B. @ 95% RELATIVE COMPACTION ON SUBGRADE @ 95% RELATIVE COMPACTION. THE USE OF RECYCLED A.B. SHALL NOT BE ALLOWED.
4. APPLY RAMP TYPE "C" FROM ST-21b. FOR ON-SITE SIDEWALK RAMP ADJACENT TO DRIVEWAY, INCREASE LANDING AREA TO ACCOMMODATE BOTH RAMPS.
5. REFER TO ST-11a AND ST-11b FOR VISIBILITY REQUIREMENTS.
6. PROVIDE THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS APPROPRIATE FOR THE PEDESTRIAN PATH(S) OF TRAVEL AND SELECTED RAMP TYPE(S). STOP SIGN & STOP LEGEND TO BE LOCATED BEHIND THE CROSSWALK.
7. SPECIAL AGREEMENT WILL BE REQUIRED FOR DECORATIVE TREATMENTS.

(Not To Scale)

REGISTERED PROFESSIONAL ENGINEER ALLEN S. BAQUILAR No. 85399 CIVIL STATE OF CALIFORNIA

PUBLIC WORKS DEPARTMENT

THE CITY OF BRENTWOOD

INDUSTRIAL/COMMERCIAL DRIVEWAY TYPE A

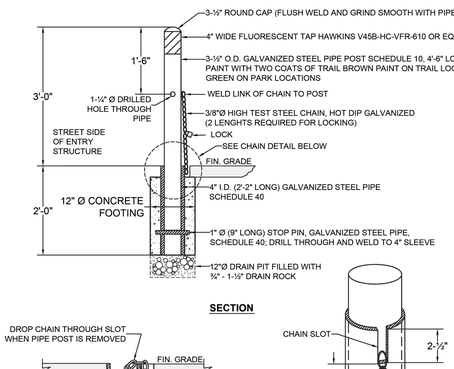
ALLEN S. BAQUILAR, INTERIM CITY ENGINEER

DATE: FEBRUARY 1, 2019
REVISED:

SHEET No. **ST-8a**

City of Brentwood
Standard Plans and Specifications

W:\DWG\STANDARD PLANS\Current July 2018\ST Series Standard Plans.dwg



NOTES:

1. CHAIN LINK CHAIN AND SLOT SHALL BE INSTALLED PARALLEL TO CENTERLINE OF TRAIL.
2. FOR BOLLARD LIGHTS, SEE SL-8.

(Not To Scale)

REGISTERED PROFESSIONAL ENGINEER BALWINDER S. GREWAL C 49122 EXP. 9/30/14 STATE OF CALIFORNIA

PUBLIC WORKS DEPARTMENT

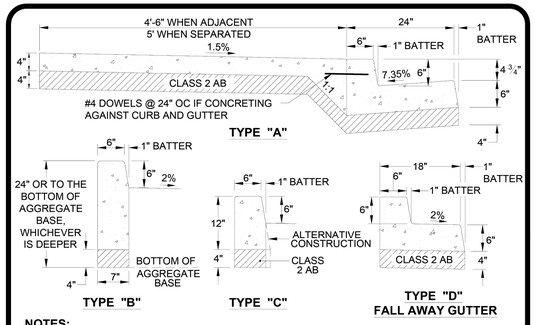
THE CITY OF BRENTWOOD

REMOVABLE METAL BOLLARD

BALWINDER S. GREWAL CITY ENGINEER

APR. 29, 2005
DEC. 31, 2013

SHEET No. **L-12**



NOTES:

1. ALL CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 2,500 P.S.I., WITH 1½ LBS FIBRILLATED POLYPROPYLENE FIBERS PER CUBIC YARD.
2. A PERFORATED DRAIN PIPE SHALL BE INSTALLED ON TYPES "A", "C" AND "D" PER CITY STANDARD ST-24.
3. ALL CURB TYPES AND SIDEWALK SHALL HAVE A 1" MIN. DEEP SCORE MARK EVERY 10'. IN ADDITION, SIDEWALK SHALL HAVE A ¼" x ¼" SHALLOW SCORE MARK 5' O.C. FROM THE DEEP SCORE MARK.
4. BROOM FINISH WALK AT RIGHT ANGLES TO CURB; CURB AND GUTTER PARALLEL TO STREET.
5. INSCRIBE A 3" HIGH "W" OR "S" ON TOP OF THE CURB DIRECTLY ABOVE THE WATER OR SANITARY SEWER SERVICE.
6. ALL CONCRETE SHALL HAVE A MINIMUM OF 4" CLASS 2 A.B. @ 95% RELATIVE COMPACTION ON SUBGRADE @ 95% RELATIVE COMPACTION. THE USE OF RECYCLED A.B. SHALL NOT BE ALLOWED.
7. ALL CORNERS SHALL BE FINISHED WITH A ½" RADIUS.

(Not To Scale)

REGISTERED PROFESSIONAL ENGINEER ALLEN S. BAQUILAR No. 85399 CIVIL STATE OF CALIFORNIA

ENGINEERING DEPARTMENT

THE CITY OF BRENTWOOD

SIDEWALK, CURB AND GUTTER

ALLEN S. BAQUILAR CITY ENGINEER

DATE: FEBRUARY 1, 2019
REVISED:

SHEET No. **ST-23**

W:\DWG\STANDARD PLANS\Current July 2018\ST Series Standard Plans.dwg

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

12-31-19

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO: 2497.00
DRAWN BY: MJV
DRAWING SCALE: AS SHOWN
PTN: 61721-99 FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

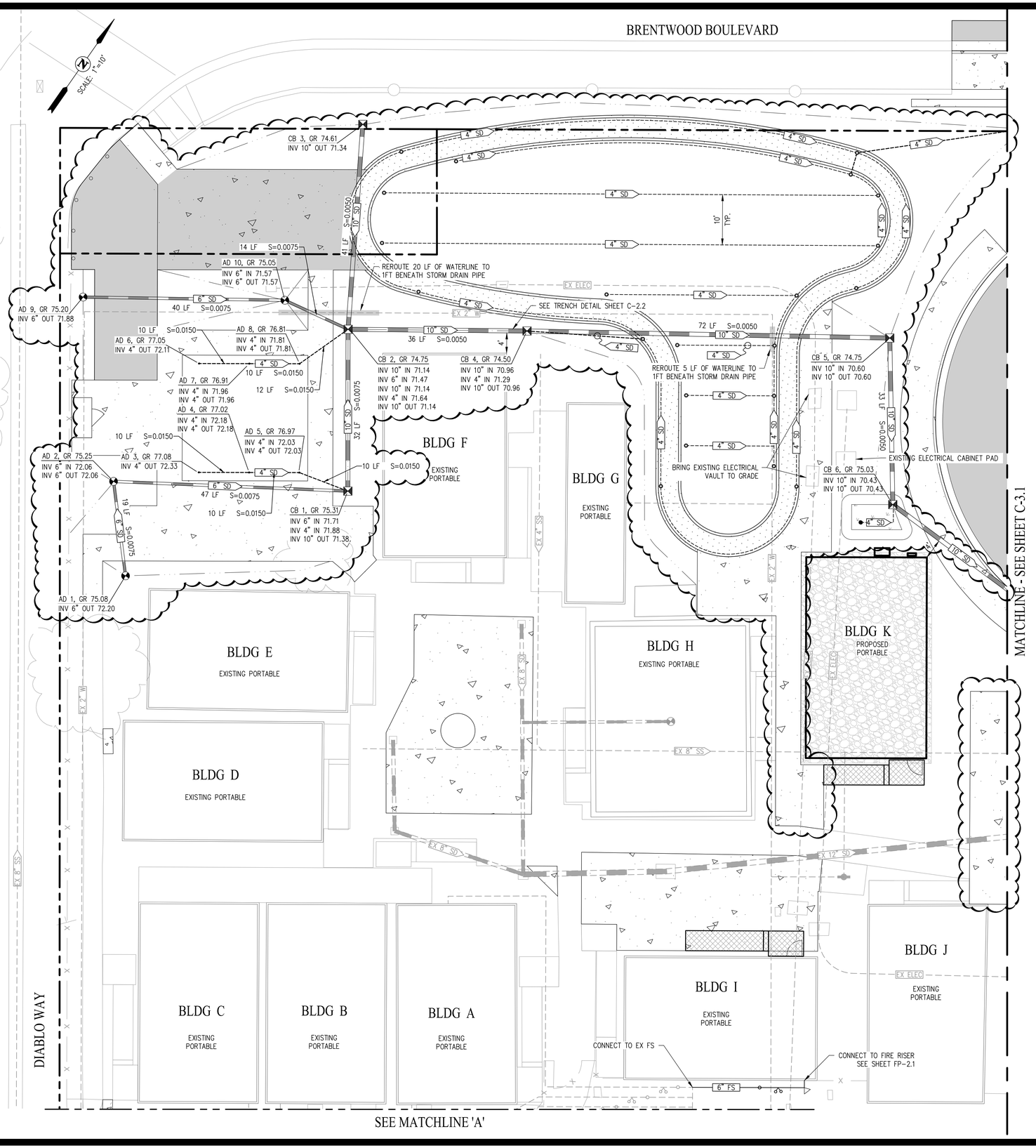
SHEET TITLE

DETAILS

SHEET NUMBER

C-2.2

G:\1257-020\ACAD\CD\GATEWAY\PHASE 2B\C-2.2.DWG



LEGEND

- PROPOSED RAMP
- PROPOSED ASPHALT CONCRETE
- PROPOSED CONCRETE (SEE PEDESTRIAN CONCRETE PAVEMENT SECTION SHEET C-2.2)
- PROPOSED BIO-RETENTION AREA PER DETAIL SHEET C-5.0 & C-5.1
- PROPOSED RESILIENT SURFACE PER DETAIL SHEET C-2.0
- PROPOSED POST INDICATOR VALVE (PIV)
- PROPOSED FIRE DEPARTMENT CONNECTION (FDC)
- THRUST BLOCK
- STORM DRAIN CLEANOUT
- 4" SD — 4" PERFORATED PVC SUBDRAIN
- 6" SD — PROPOSED STORM DRAIN (FOR TRENCHING SEE DETAIL SHEET C-2.2)
- 6" FS — PROPOSED FIRE SERVICE (FOR TRENCHING SEE DETAIL SHEET C-2.2)
- EX 6" SS — EXISTING SANITARY SEWER
- EX 12" SD — EXISTING STORM DRAIN
- EX 12" W — EXISTING WATER
- EX ELEC — EXISTING ELECTRICAL LINE
- EXISTING PROPERTY BOUNDARY

0 10 20 30

STORM DRAIN PIPE SCHEDULE

STRUCTURE	DESCRIPTION
4" PIPE	125 LF PVC
4" PERFORATED PIPE	845 LF PVC
6" PIPE	260 LF HDPE
10" PIPE	375 LF PVC
15" PIPE	140 LF PVC

STORM DRAIN STRUCTURE SCHEDULE

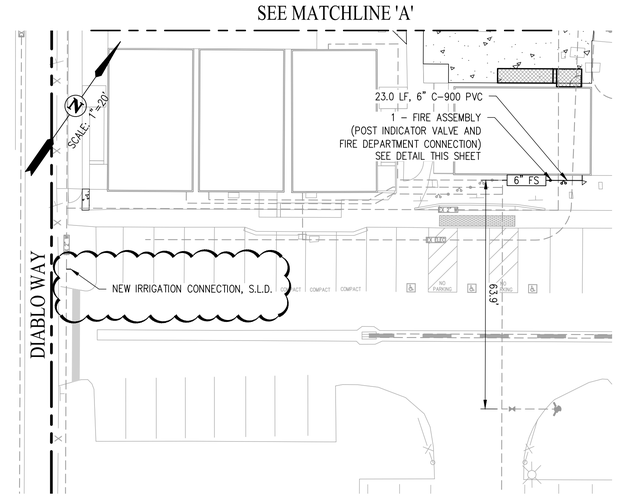
STRUCTURE	DESCRIPTION
AREA DRAIN 3-8 (6 TOTAL)	NDS 4" ATRIUM GRATE #75
CLEANOUT (23 TOTAL)	NDS 4" BRASS GRATE (LOCATED IN SYNTHETIC TURF & RUBBERIZED SURFACE)
AREA DRAIN 1-2, 9-10 (4 TOTAL)	NDS #918B WITH HEEL GRATE
CATCH BASIN 1-8 (8 TOTAL)	OLDCASTLE PRECAST CB1212
CATCH BASIN 9 (1 TOTAL)	OLDCASTLE PRECAST CB1818

WATER PIPE SCHEDULE

STRUCTURE	DESCRIPTION
6" PIPE	23 LF PVC

WATER STRUCTURE SCHEDULE

STRUCTURE	DESCRIPTION
PIV (1 TOTAL)	MUELLER A-20801 PER CITY OF BRENTWOOD STANDARD W-4
FIRE DEPT. CONNECTION (1 TOTAL)	CROKER 6545 4-WAY FDC



NOTES

1. TRENCH RESTORATION WITHIN THE CITY RIGHT-OF-WAY SHALL COMPLY WITH CITY OF BRENTWOOD STANDARD DETAIL ST-25a & ST-25b.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	MJV
DRAWING SCALE:	AS SHOWN
PTN: 61721-99	FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

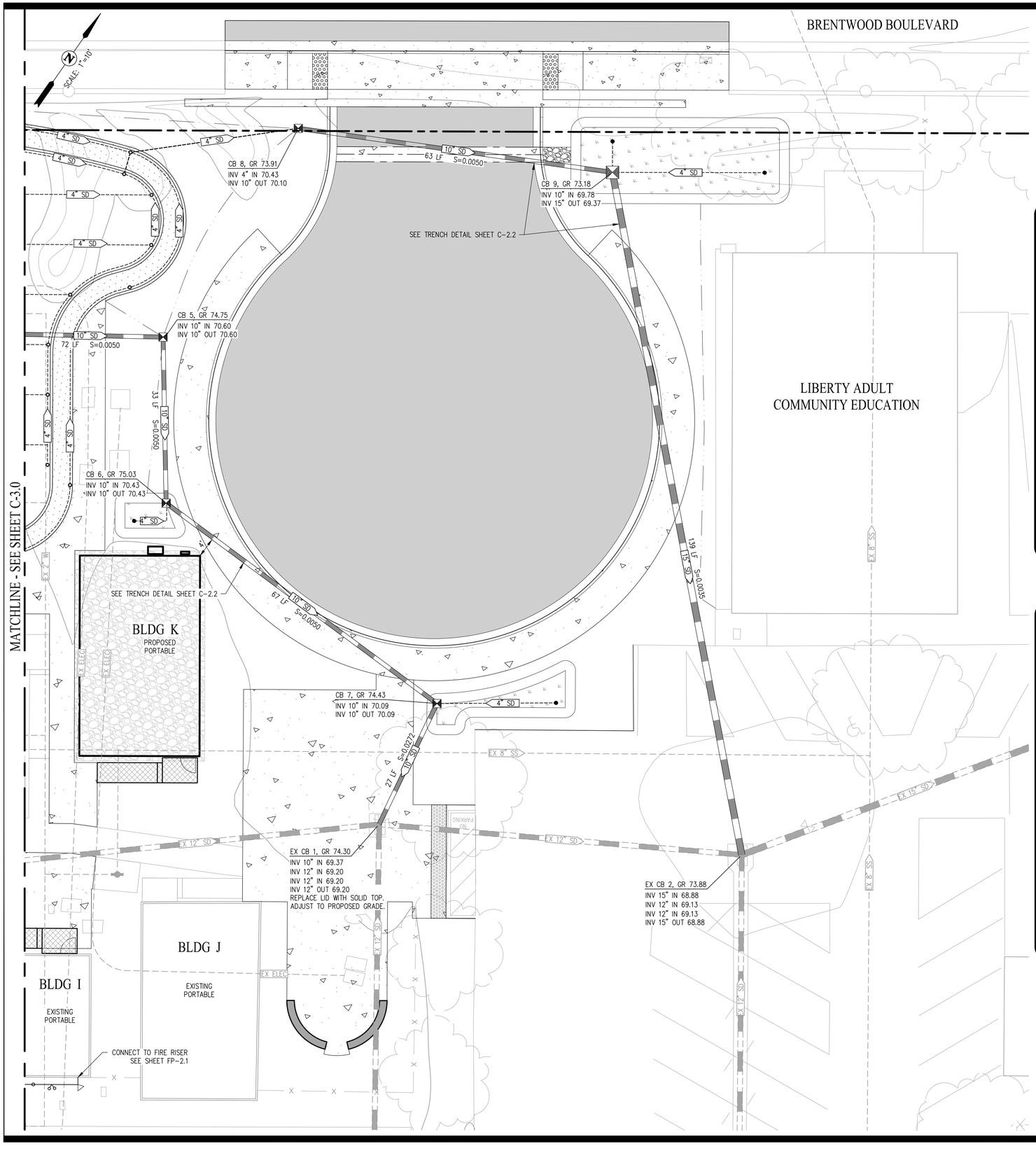
SHEET TITLE

UTILITY PLAN

SHEET NUMBER

C-3.0

G:\1257-020\ACAD\CD\GATEWAY\PHASE 2B\C-3.0.DWG



TYPICAL INSTALLATION		PIPE SIZE 6"	8"	10"	12"
REQUIRED BEARING AREA (SQUARE FEET)	90° BEND	4	7	12	16
	45° BEND	3	5	8	12
	11 1/4° OR 22 1/2° BEND	2	3	5	6
	TEE OR DEAD END	4	7	12	16
	TEE WITH FLOW	4	7	12	16
	CROSS WITH FLOW	4	7	12	16
	CROSS WITH DEAD END	4	7	12	16

(Not To Scale)

NOTES:

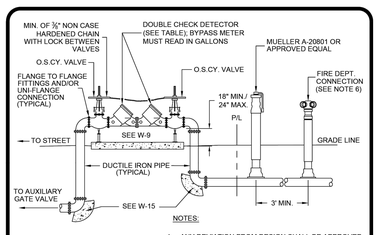
1. THRUST BLOCK SHALL BE CLASS "B" CONCRETE AND SHALL BE POURED AGAINST UNDISTURBED SOIL.
2. THE BEARING AREAS GIVEN ARE FOR CLASS 200 PIPE AT TEST PRESSURE OF 150 P.S.I. IN SOIL WITH 1,000 P.S.F. BEARING CAPACITY. INSTALLATIONS USING DIFFERENT PIPE, TEST PRESSURES, AND/OR SOIL TYPES SHALL BE APPROVED BY THE CITY ENGINEER.
3. JOINTS AND FACE OF PLUGS SHALL BE KEPT CLEAR OF CONCRETE.

REGISTERED PROFESSIONAL ENGINEER ALLEN S. BAGHDAD C 49122 EXP. 9/30/24 STATE OF CALIFORNIA

PUBLIC WORKS DEPARTMENT — THE CITY OF BRENTWOOD

THRUST BLOCK BEARING AREA

BALWINDER S. GREWAL, CITY ENGINEER | DATE: APR. 15, 1999 | REVISED: DEC. 31, 2013 | SHEET No. W-15



DOUBLE DETECTOR CHECK ASSEMBLY		
MAKE*	MODEL*	SIZE
FEBCO	805-YD	ALL SIZES
	806-YD	
	856	
	876V	
WATTS	709-DDC	
WILKINS	350-DA	
	950-DA	

* OR EQUIVALENT AS APPROVED BY CITY ENGINEER

NOTES:

1. ANY DEVIATION FROM DESIGN SHALL BE APPROVED IN WRITING PRIOR TO PROJECT APPROVAL BY THE CITY ENGINEER.
2. THE FIRE DEPARTMENT CONNECTION SHOULD NOT BE MORE THAN 50' AWAY FROM A FIRE HYDRANT.
3. THIS STANDARD PLAN HAS BEEN REVIEWED AND APPROVED BY THE FIRE DISTRICT.
4. ALL FITTING SHALL BE DUCTILE IRON WITH STAINLESS STEEL BOLTS.
5. INSTALL CATHODIC PROTECTION ON ALL METALLIC RISERS PER CP-9.
6. FIRE DEPARTMENT CONNECTION (FDC) SHALL BE LOCATED ON THE ADDRESS SIDE OF BUILDINGS ADJACENT TO APPROVED FIRE DISTRICT ACCESS.

(Not To Scale)

REGISTERED PROFESSIONAL ENGINEER ALLEN S. BAGHDAD No. 85399 CIVIL STATE OF CALIFORNIA

ENGINEERING DEPARTMENT — THE CITY OF BRENTWOOD

FIRE PROTECTION ASSEMBLY

ALLEN S. BAGHDAD, CITY ENGINEER | DATE: AUGUST 15, 2003 | REVISED: JANUARY 18, 2023 | SHEET No. W-4

LEGEND

- PROPOSED RAMP
- PROPOSED ASPHALT CONCRETE
- PROPOSED CONCRETE (SEE PEDESTRIAN CONCRETE PAVEMENT SECTION SHEET C-2.2)
- PROPOSED BIO-RETENTION AREA PER DETAIL SHEET C-5.0 & C-5.1
- PROPOSED RESILIENT SURFACE PER DETAIL SHEET C-2.0
- PROPOSED POST INDICATOR VALVE (PIV)
- PROPOSED FIRE DEPARTMENT CONNECTION (FDC)
- THRUST BLOCK
- STORM DRAIN CLEANOUT
- 4" SD — 4" PERFORATED PVC SUBDRAIN
- 6" SD — PROPOSED STORM DRAIN (FOR TRENCHING SEE DETAIL SHEET C-2.2)
- 6" FS — PROPOSED FIRE SERVICE (FOR TRENCHING SEE DETAIL SHEET C-2.2)
- EX 6" SS — EXISTING SANITARY SEWER
- EX 12" SD — EXISTING STORM DRAIN
- EX 12" W — EXISTING WATER
- EX ELEC — EXISTING ELECTRICAL LINE
- EXISTING PROPERTY BOUNDARY

NOTES

1. TRENCH RESTORATION WITHIN THE CITY RIGHT-OF-WAY SHALL COMPLY WITH CITY OF BRENTWOOD STANDARD DETAIL ST-25a & ST-25b.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	MJV
DRAWING SCALE:	AS SHOWN
PTN: 61721-99	FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

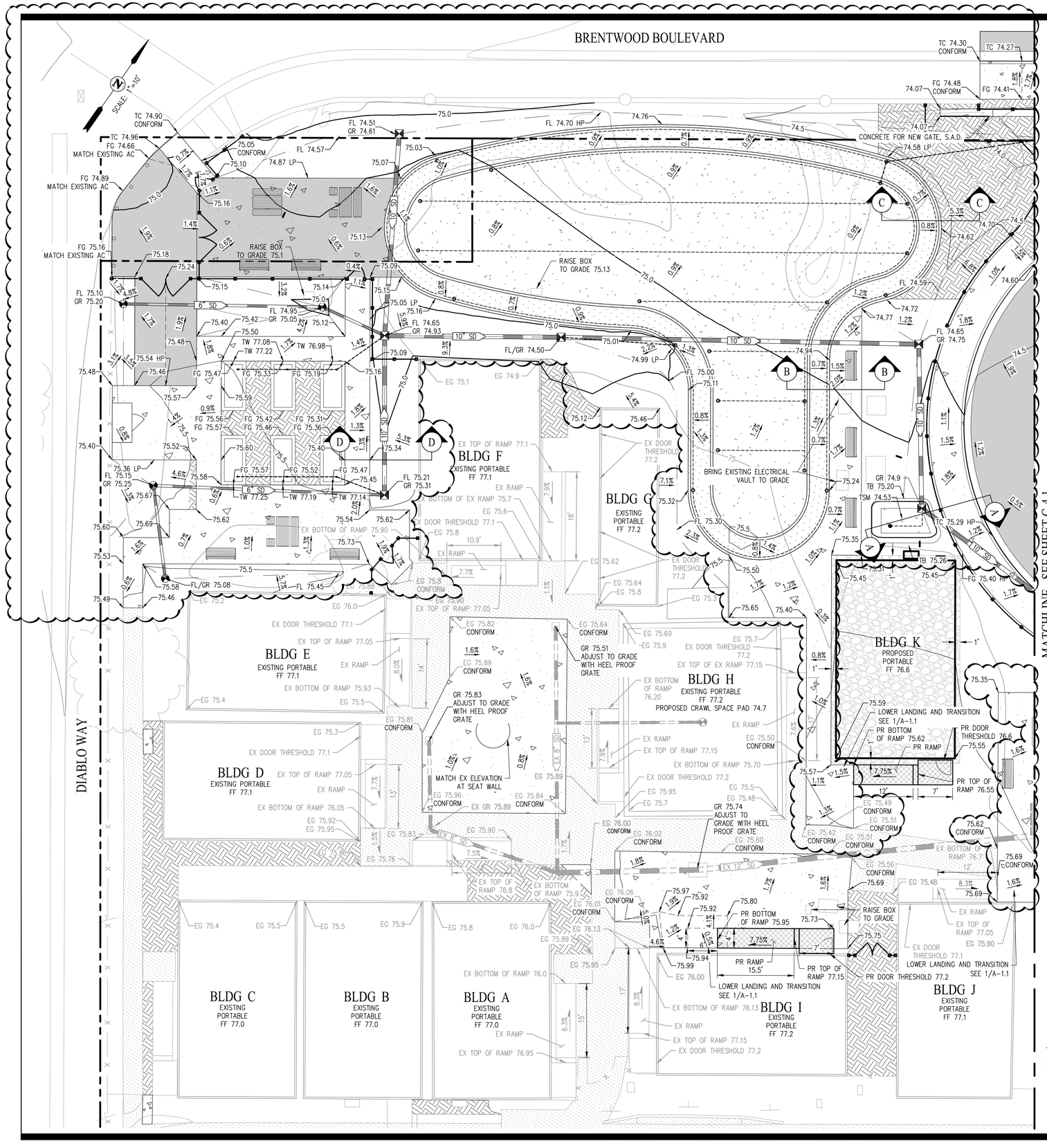
SHEET TITLE

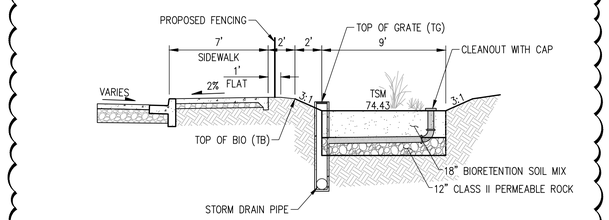
UTILITY PLAN

SHEET NUMBER

C-3.1

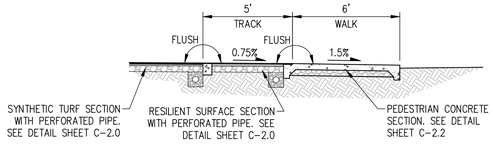
G:\1257-020\ACAD\CD\GATEWAY\PHASE 2B\C-3.1.DWG





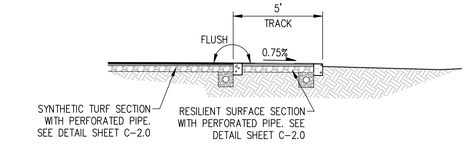
SECTION A-A

NOT TO SCALE



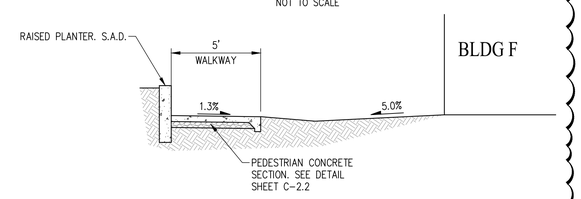
SECTION B-B

NOT TO SCALE



SECTION C-C

NOT TO SCALE



SECTION D-D

NOT TO SCALE

LEGEND

- PROPOSED RAMP
- PROPOSED ASPHALT CONCRETE
- PROPOSED CONCRETE (SEE PEDESTRIAN CONCRETE PAVEMENT SECTION SHEET C-C-2.2)
- 8" CLASS II AB COMPACTED TO 95%
- PROPOSED BIO-RETENTION AREA
- PROPOSED SYNTHETIC TURF PER DETAIL SHEET C-2.0
- PROPOSED RESILIENT SURFACE PER DETAIL SHEET C-2.0
- PROPOSED LANDSCAPING, S.L.D.
- EXISTING PAVEMENT TO REMAIN
- EXISTING CONCRETE SIDEWALK/WALKWAY TO REMAIN
- PROPOSED FIELD INLET
- 6" SD — PROPOSED STORM DRAIN
- GRADE BREAK
- 74.5 — PROPOSED MAJOR CONTOUR
- 74.0 — PROPOSED MINOR CONTOUR
- EXISTING CONTOUR
- EX 12" SD — EXISTING STORM DRAIN
- EXISTING PROPERTY BOUNDARY

NOTES

1. PEDESTRIAN PATH RUNNING SLOPE SHALL NOT EXCEED 5% UNLESS COMPLIANT WITH RAMP REQUIREMENTS.
2. CROSS SLOPE OF PEDESTRIAN PATH SHALL NOT EXCEED 2%
3. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL WALKWAYS AND STRUCTURES.
4. NO PONDING SHALL OCCUR ON ACCESSIBLE ROUTE SURFACES.
5. CONTRACTOR SHALL FIELD VERIFY EXISTING GRADES AND NOTIFY DESIGN PROFESSIONAL OF DISCREPANCIES PRIOR TO CONSTRUCTION.

0 10 20 30

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	MJV
DRAWING SCALE:	AS SHOWN
PTN: 61721-99	FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

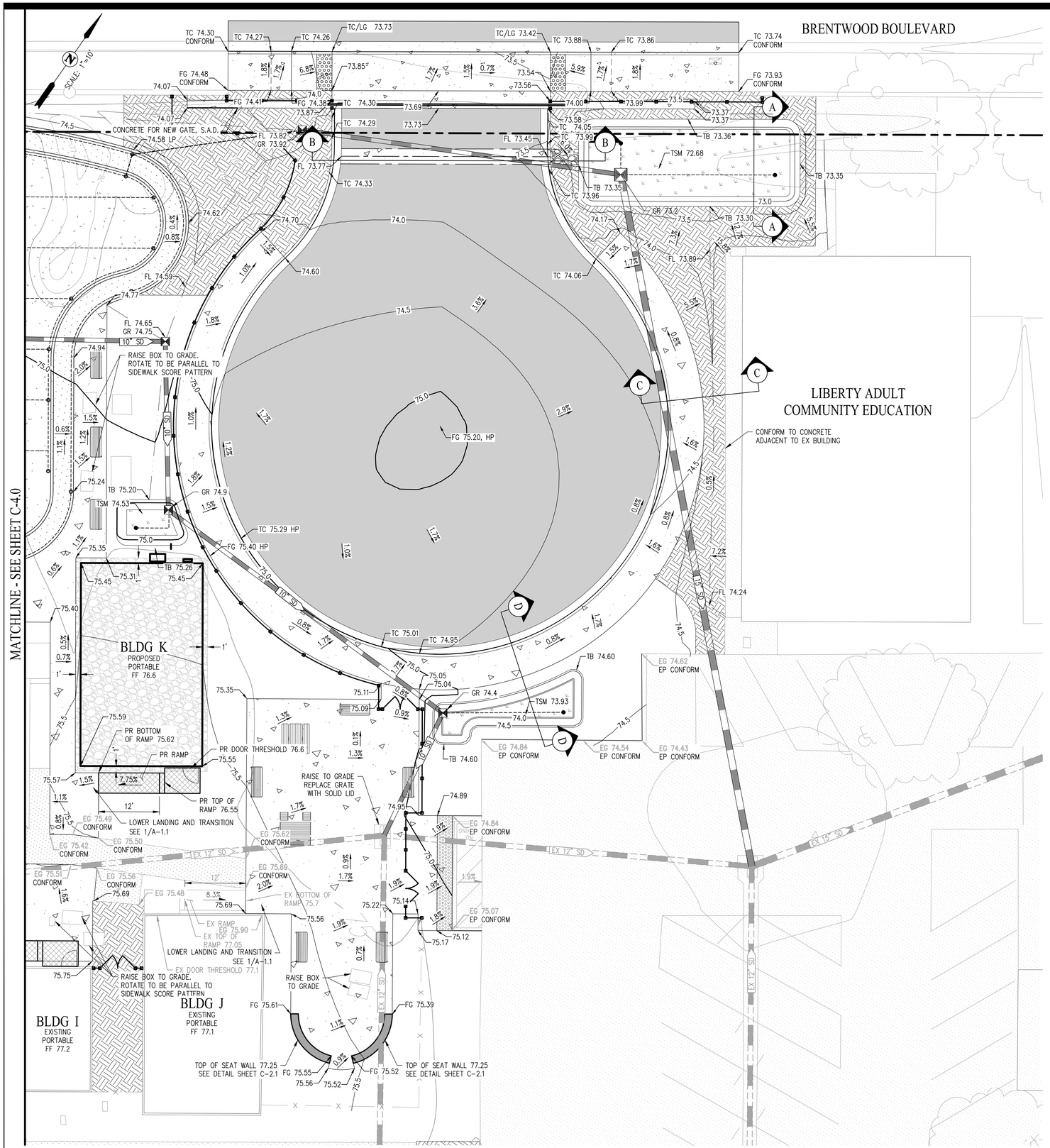
SHEET TITLE

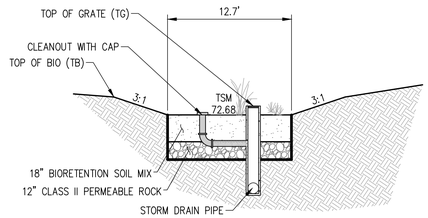
GRADING PLAN

SHEET NUMBER

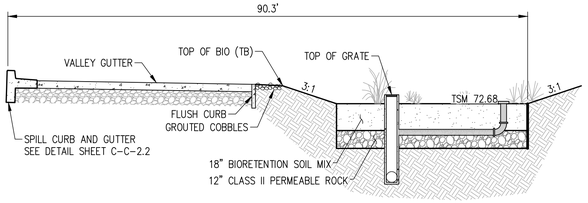
C-4.0

G:\1257-020\ACAD\CD\GATEWAY\PHASE 2B\C-4.0.DWG

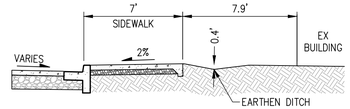




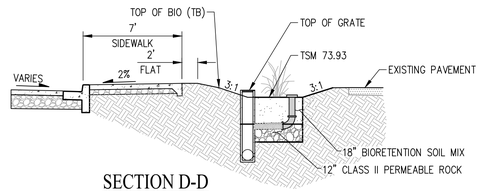
SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



SECTION C-C
NOT TO SCALE



SECTION D-D
NOT TO SCALE

LEGEND

- PROPOSED RAMP
- PROPOSED ASPHALT CONCRETE
- PROPOSED CONCRETE (SEE PEDESTRIAN CONCRETE PAVEMENT SECTION SHEET C-C-2.2)
- 8" CLASS II AB COMPACTED TO 95%
- PROPOSED BIO-RETENTION AREA
- PROPOSED SYNTHETIC TURF PER DETAIL SHEET C-2.0
- PROPOSED RESILIENT SURFACE PER DETAIL SHEET C-2.0
- PROPOSED LANDSCAPING, S.L.D.
- EXISTING PAVEMENT TO REMAIN
- EXISTING CONCRETE SIDEWALK/WALKWAY TO REMAIN
- PROPOSED FIELD INLET
- 6" SD — PROPOSED STORM DRAIN
- GRADE BREAK
- 74.5 — PROPOSED MAJOR CONTOUR
- 74.0 — PROPOSED MINOR CONTOUR
- EXISTING CONTOUR
- EX 12" SD — EXISTING STORM DRAIN
- EXISTING PROPERTY BOUNDARY

NOTES

1. PEDESTRIAN PATH RUNNING SLOPE SHALL NOT EXCEED 5% UNLESS COMPLIANT WITH RAMP REQUIREMENTS.
2. CROSS SLOPE OF PEDESTRIAN PATH SHALL NOT EXCEED 2%.
3. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL WALKWAYS AND STRUCTURES.
4. NO PONDING SHALL OCCUR ON ACCESSIBLE ROUTE SURFACES.
5. CONTRACTOR SHALL FIELD VERIFY EXISTING GRADES AND NOTIFY DESIGN PROFESSIONAL OF DISCREPANCIES PRIOR TO CONSTRUCTION.

0 10 20 30

QUATTROCCHI KWOK
ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER
JASON D. VOGAN
59299
CIVIL
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION
HIGH SCHOOL
DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	MJV
DRAWING SCALE:	AS SHOWN
PTN: 61721-99	FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

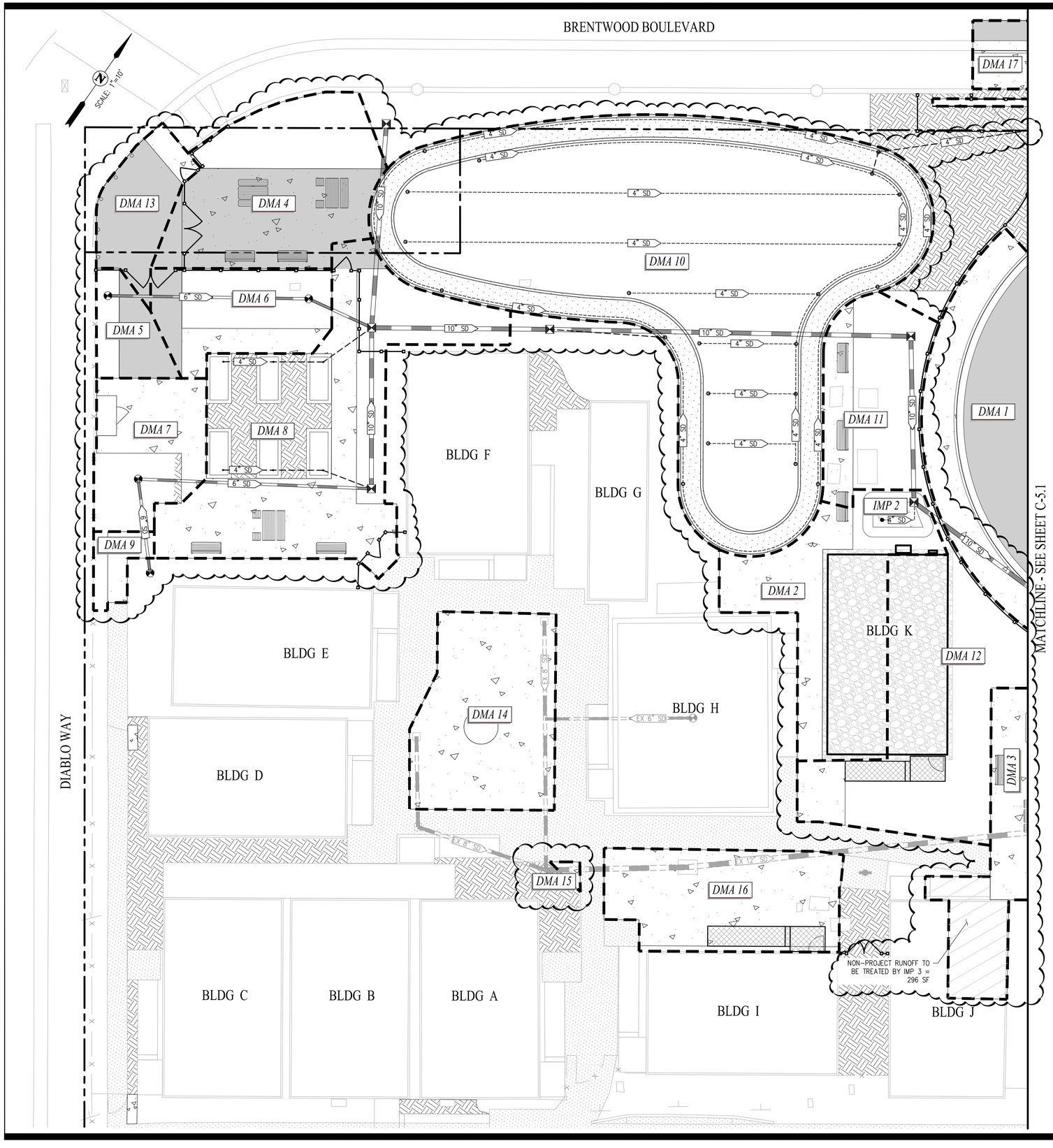
SHEET TITLE

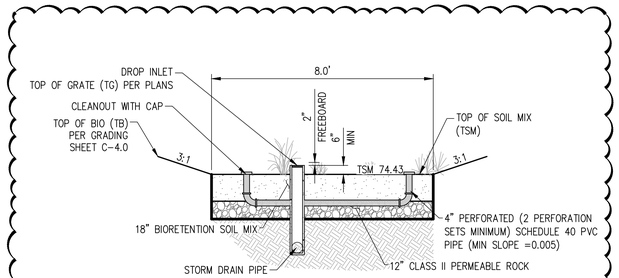
GRADING PLAN

SHEET NUMBER

C-4.1

G:\1257-020\ACAD\CD\GATEWAY\PHASE 2\C-4.1.DWG





BIORETENTION AREA (IMP 2)

NOT TO SCALE

NOTES

1. DMAS 4–12 DRAIN TO SELF RETAINING AREAS.
2. IMP 1 AND 3 HAVE BEEN SIZED TO TREAT ADDITIONAL NON–PROJECT RUNOFF PROVIDING AN ADDITIONAL 148 SF OF TREATMENT CREDIT. THIS CREDIT WILL BE USED AS IN–LIEU COMPLIANCE TO OFFSET THE UNTREATED AREA OF DMA 13, 14, 15, 16 AND 17.
3. ALL BIORETENTION TOP OF SOIL ELEVATION IS 8" BELOW ADJACENT GROUND ELEVATION.

BIORETENTION AREAS

DMA	REQUIRED TREATMENT AREA (SF)	PROVIDED TREATMENT AREA (SF)
1	513	523
2	41	45
3	84	91

LEGEND

- EX 12" SD — EXISTING STORM DRAIN
- 12" SD — PROPOSED STORM DRAIN
- DRAINAGE MANAGEMENT AREA BOUNDARY
- PERFORATED PIPE WITH CLEANOUT
- IMP 1 — INTEGRATED MANAGEMENT PRACTICE – BIORETENTION AREA
- DMA 1 — DRAINAGE MANAGEMENT AREA DRAINING TO SELF–RETAINING AREAS.
- EXISTING PROPERTY BOUNDARY

0 10 20 30

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	MJV
DRAWING SCALE:	AS SHOWN
PTN: 61721-99	FILE NO. 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

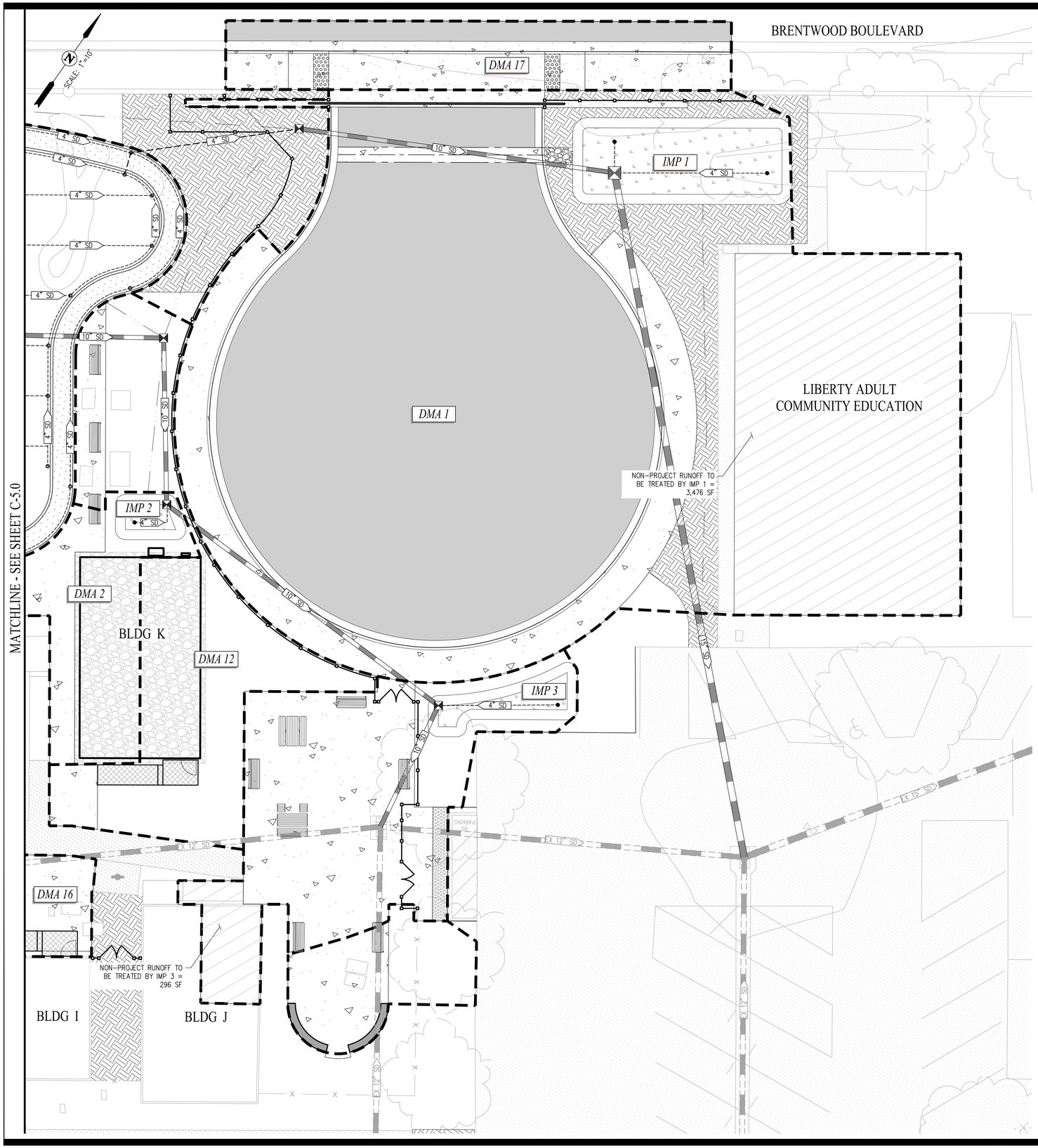
SHEET TITLE

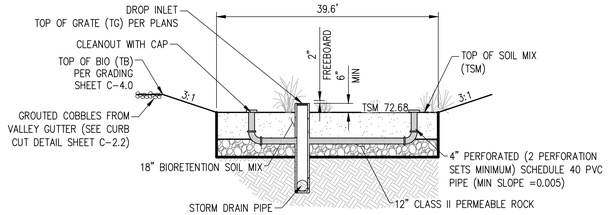
STORMWATER CONTROL PLAN

SHEET NUMBER

C-5.0

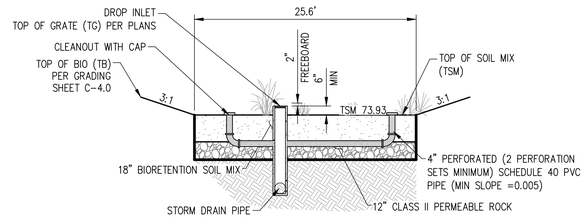
G:\11257-020\ACAD\CD\GATEWAY\PHASE 2\C-5.0.DWG





BIORETENTION AREA (IMP 1)

NOT TO SCALE



BIORETENTION AREA (IMP 3)

NOT TO SCALE

NOTES

1. DMAS 4–12 DRAIN TO SELF RETAINING AREAS.
2. IMP 1 AND 3 HAVE BEEN SIZED TO TREAT ADDITIONAL NON–PROJECT RUNOFF PROVIDING AN ADDITIONAL 148 SF OF TREATMENT CREDIT. THIS CREDIT WILL BE USED AS IN–LIEU COMPLIANCE TO OFFSET THE UNTREATED AREA OF DMA 13, 14, 15, 16 AND 17.
3. ALL BIORETENTION TOP OF SOIL ELEVATION IS 8" BELOW ADJACENT GROUND ELEVATION.

LEGEND

- EX 12" SD — EXISTING STORM DRAIN
- 12" SD — PROPOSED STORM DRAIN
- DRAINAGE MANAGEMENT AREA BOUNDARY
- PERFORATED PIPE WITH CLEANOUT
- IMP 1 — INTEGRATED MANAGEMENT PRACTICE – BIORETENTION AREA
- DMA 1 — DRAINAGE MANAGEMENT AREA DRAINING TO SELF–RETAINING AREAS.
- EXISTING PROPERTY BOUNDARY

0 10 20 30

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	MJV
DRAWING SCALE:	AS SHOWN
PTN: 61721-99	FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

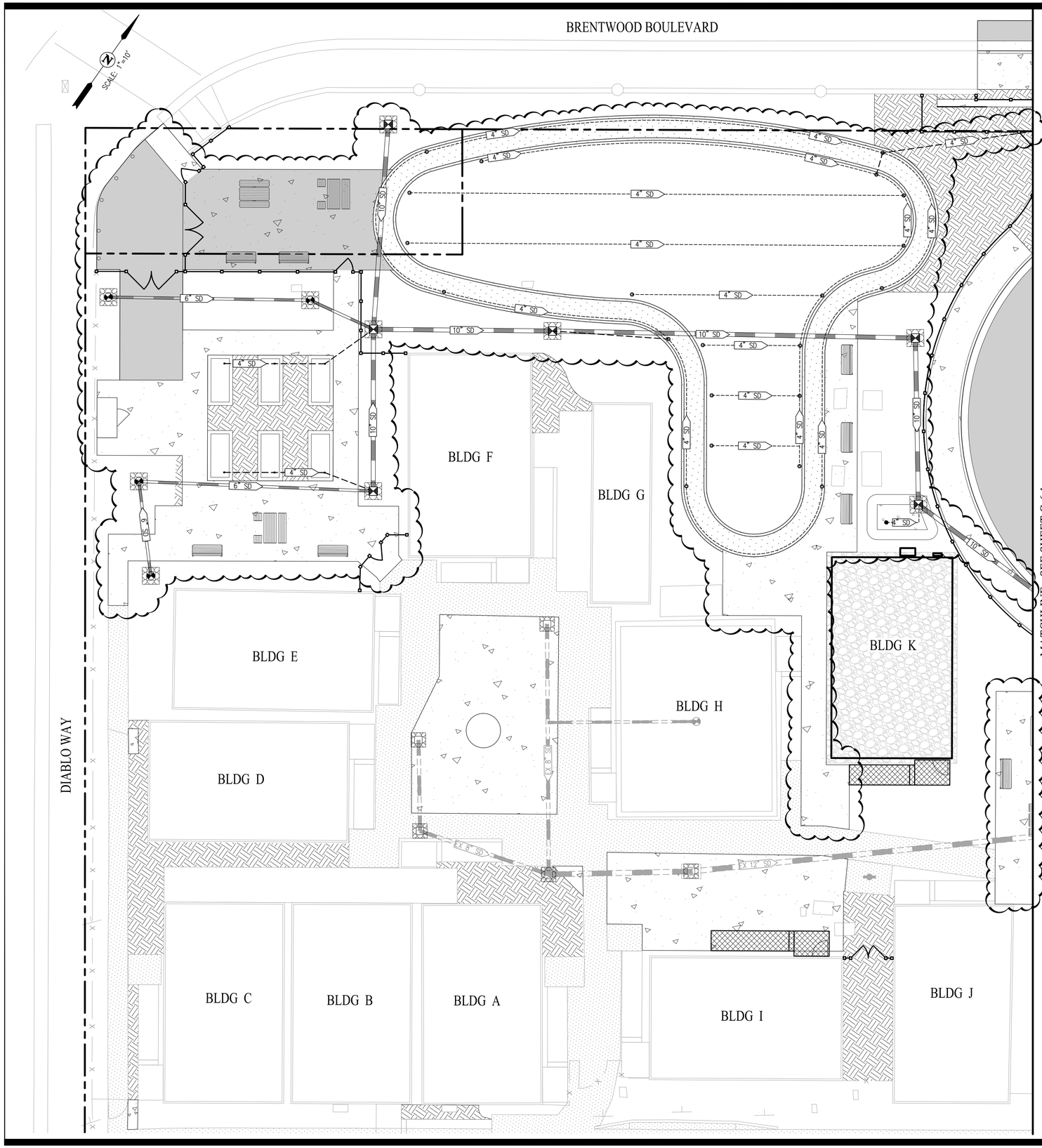
SHEET TITLE

STORMWATER CONTROL PLAN

SHEET NUMBER

C-5.1

G:\11257-020\ACAD\CD\GATEWAY\PHASE 2\C-5.1.DWG



GENERAL NOTES:

0 10 20 30

1. LEGALLY RESPONSIBLE PARTY/PERSON (LRP) OWNER/SUBDIVIDER: LIBERTY UNION HIGH SCHOOL DISTRICT, 850 2ND STREET, BRENTWOOD, CA 94513
2. CIVIL ENGINEER: CARLSON, BARBEE & GIBSON, INC., 2633 CAMINO RAMON, SUITE 350, SAN RAMON, CA 94583, (925) 866-0322, JASON VOGAN, RCE 59299
3. GEOTECHNICAL ENGINEER: BSK ASSOCIATES, 399 LINDBERGH AVENUE, LIVERMORE, CA 94551, (925) 315-3151, CARRIE RODRIGUEZ

LEGEND

- FIELD INLET PROTECTION – (SE-10)
- FIELD INLET
- 15" SD — PROPOSED STORM DRAIN
- EX 12" SD — EXISTING STORM DRAIN

NOTES

1. STORMWATER DISCHARGE SAMPLING LOCATIONS ARE SUBJECT TO CHANGE AND WILL BE REMOVED, RELOCATED OR ADDED AT THE QSP'S DISCRETION.
2. ALL EROSION CONTROL SHOWN IS TEMPORARY FOR USE DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR PREVENTING SEDIMENT FROM LEAVING THE SITE AND ENTERING THE DOWNSTREAM DRAINAGE SYSTEM

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	MJV
DRAWING SCALE:	AS SHOWN
PTN: 61721-99	FILE NO: 7-H4

DSA SUBMITTAL

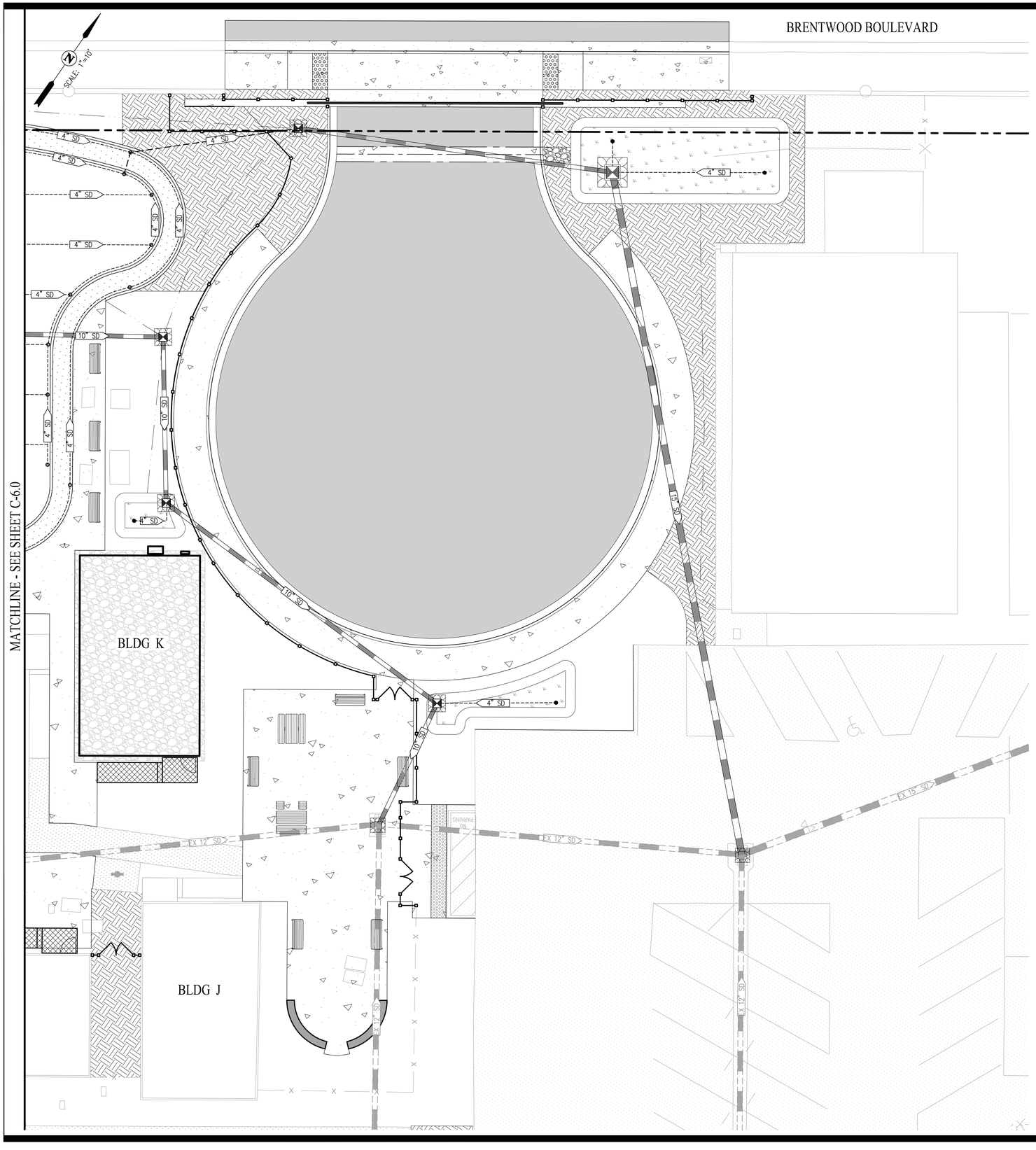
OCTOBER 8, 2026

SHEET TITLE

EROSION CONTROL PLAN

SHEET NUMBER

C-6.0



GENERAL NOTES:

0 10 20 30

1. LEGALLY RESPONSIBLE PARTY/PERSON (LRP) OWNER/SUBDIVIDER: LIBERTY UNION HIGH SCHOOL DISTRICT, 850 2ND STREET, BRENTWOOD, CA 94513
2. CIVIL ENGINEER: CARLSON, BARBEE & GIBSON, INC., 2633 CAMINO RAMON, SUITE 350, SAN RAMON, CA 94583, (925) 866-0322, JASON VOGAN, RCE 59299
3. GEOTECHNICAL ENGINEER: BSK ASSOCIATES, 399 LINDBERGH AVENUE, LIVERMORE, CA 94551, (925) 315-3151, CARRIE RODRIGUEZ

LEGEND

- FIELD INLET PROTECTION – (SE-10)
- FIELD INLET
- 15" SD — PROPOSED STORM DRAIN
- EX 12" SD — EXISTING STORM DRAIN

NOTES

1. STORMWATER DISCHARGE SAMPLING LOCATIONS ARE SUBJECT TO CHANGE AND WILL BE REMOVED, RELOCATED OR ADDED AT THE QSP'S DISCRETION.
2. ALL EROSION CONTROL SHOWN IS TEMPORARY FOR USE DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR PREVENTING SEDIMENT FROM LEAVING THE SITE AND ENTERING THE DOWNSTREAM DRAINAGE SYSTEM

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

cbg CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM

REGISTERED PROFESSIONAL ENGINEER JASON D. VOGAN 59299 CIVIL STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	MJV
DRAWING SCALE:	AS SHOWN
PTN: 61721-99	FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

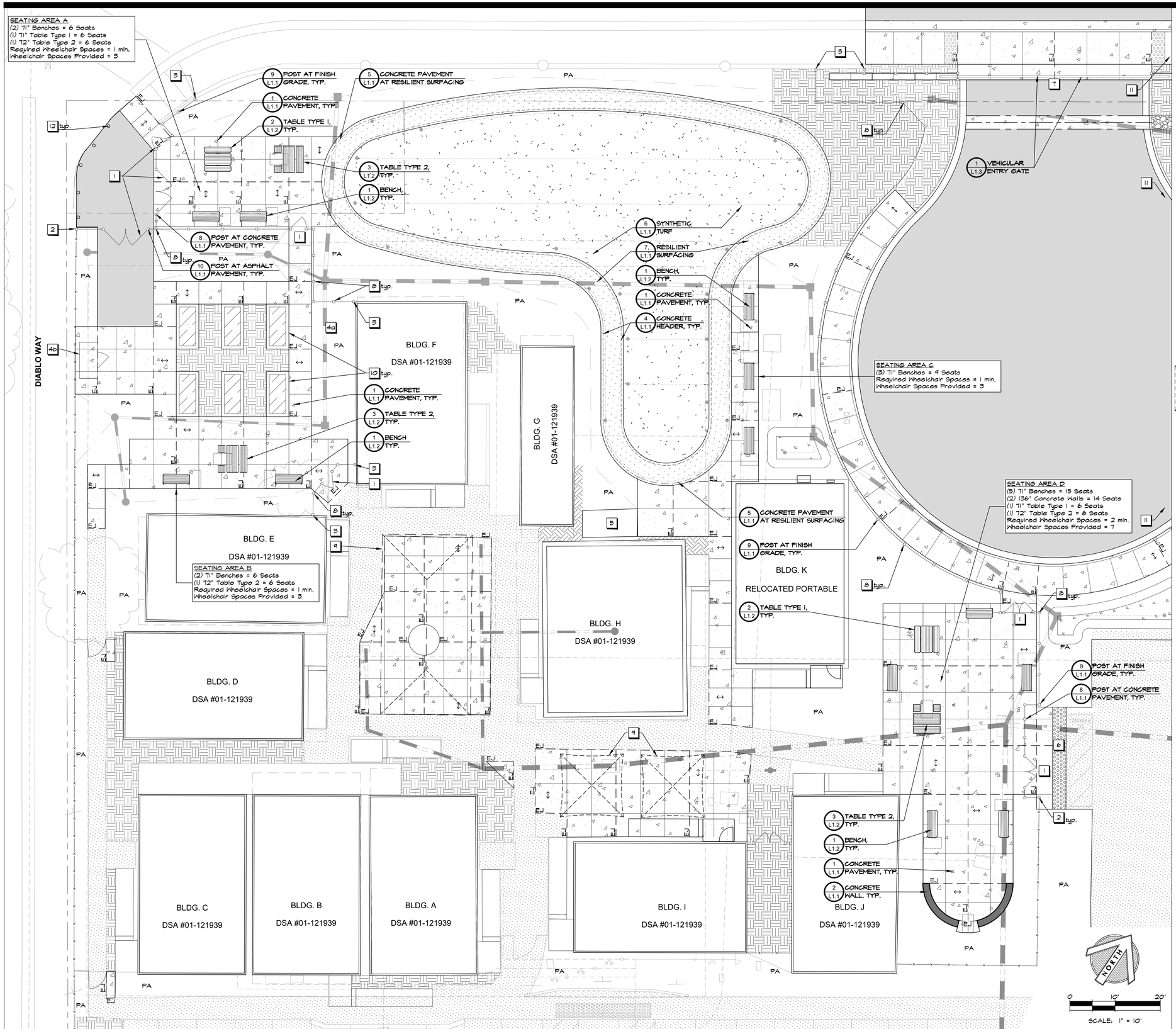
SHEET TITLE

EROSION CONTROL PLAN

SHEET NUMBER

C-6.1

G:\1257-020\ACAD\CD\GATEWAY\PHASE 2B\C-6.1.DWG



MATERIAL LEGEND

- Area of Pavement to Remain
- Concrete Pavement. Detail 1/L1.1
- Asphalt Pavement. See Civil Drawings
- Synthetic Turf. Detail 6/L1.1
- Resilient Rubber Surfacing. Detail 7/L1.1
- Bioretention Area. See Civil Drawings
- Landscape Mulch (shown graphically for areas not planted). Remove weeds, mulch, and debris, and fine grade. Provide and install weed fabric and new landscape mulch. See Planting Notes on L4.1 for mulch type.
- EJ — Expansion Joint. See Civil Drawings
- Tooled Control Joint. See Civil Drawings
- ↔ Direction of broom finish
- PA — Planting Area. See L4.0
- Existing Fence
- Ornamental Steel Fence. See Architectural Drawings
- Double Gate. See Architectural Drawings
- Single Gate. See Architectural Drawings
- Hip Shade Structure. See Architectural Drawings
- Cantilever Shade Structure. See Architectural Drawings
- Relocated Storage Shed
- Raised Concrete Planter. See Architectural Drawings
- Bench. Detail 1/L1.2
- Table, Type 1. Detail 2/L1.2
- Table, Type 2. Detail 3/L1.2
- Wheelchair Space per 11B-802.1

SHEET NOTES

1. Gate. See Architectural Drawings
2. Connect fence, typ.
3. 3" clear max. between fence and adjacent vertical surface, typ.
4a. Relocate garden shed
4b. New location for garden shed
5. Existing shed to remain
6. Truncated domes. See Civil Drawings
7. Vehicular automatic entry gate. Detail 1/L1.3
8. Ornamental steel fence. See Architectural Drawings
9. Shade structure. See Architectural Drawings
10. Concrete planter wall. See Architectural Drawings
11. See Layout Plans for score and expansion joints
12. Removable bollard. See Civil Drawings

CONCRETE NOTES

1. Subgrade preparation shall be done in accordance with Geotechnical recommendations.
2. Tooled control joints shall run continuously and extend through integral curbs and thickened edges. Tooled control joint layout shall be as shown on the Layout Plan, and coincide with the corners of objects, structures and the beginning and ends of curves. Joints should have a minimum depth of 25% of the slab thickness, unless otherwise noted on plans.
3. Expansion joints shall be laid out as shown on the Layout Plan.
4. Contractor shall place 3/8" asphalt impregnated fiber board where new concrete meets buildings, walls, curbs and planters.
5. The base rock layer, prior to placement of concrete, shall be sprinkled with clean water several times to restore any moisture that may have been lost after completion of compaction.
6. Cure concrete with curing compound or keep continuously moist for a minimum of 7 days.
7. Contractor shall prepare a 4'x4' sample of all flatwork and 4' length of all walls and curb in the field prior to construction, for review and approval by the District.
8. Concrete pavement with slopes less than 6% shall receive a medium broom finish and slopes greater than 6% shall receive a heavy broom finish. Finish shall be in the direction shown on this sheet.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, Inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

LICENSED LANDSCAPE ARCHITECT
GREGORY STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	BTI/ECD
DRAWING SCALE:	
PTN: 61721-99	FILE NO: 7-H4

DSA SUBMITTAL

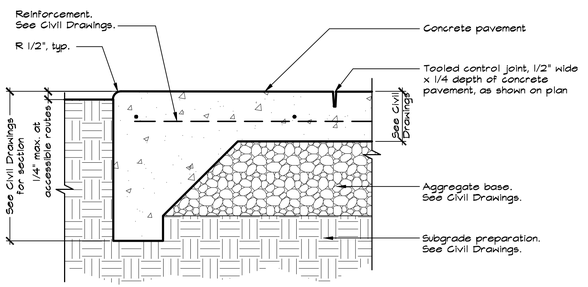
OCTOBER 8, 2026

SHEET TITLE

MATERIAL AND DETAIL REFERENCE PLAN

SHEET NUMBER

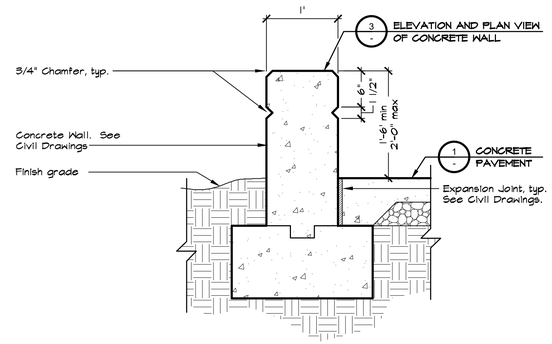
L1.0



NOTES:

1. See Concrete Notes on the Material and Detail Reference Plan.
2. See Material and Detail Reference Plan for tooled control joint and expansion joint locations.
3. See Civil Drawings for grading and drainage design and information.

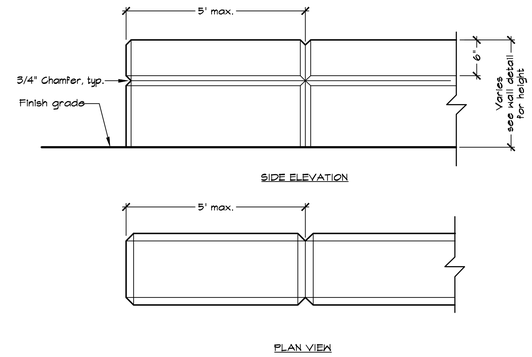
1 CONCRETE PAVEMENT
NOT TO SCALE



NOTES:

1. See Concrete Notes on the Material and Detail Reference Plan.
2. Hold top of wall level unless otherwise noted on Civil Drawings.
3. Wall finish shall be smooth sack finish on all surfaces and edges.
4. See Seat Wall Detail on Sheet C-2.1 for detailed wall and reinforcement design.

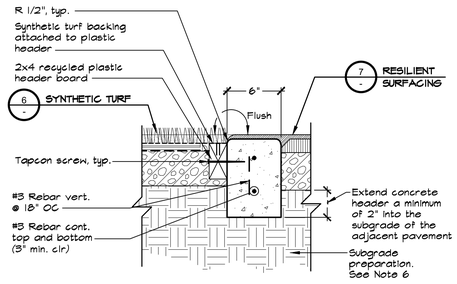
2 CONCRETE WALL
NOT TO SCALE



NOTES:

1. See Civil Drawings for wall reinforcement, expansion joints and drainage design.

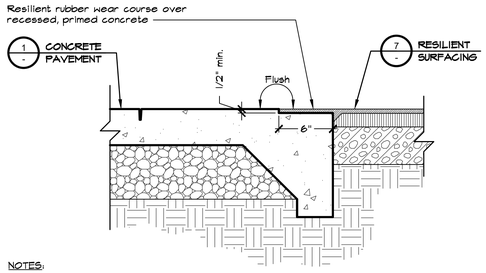
3 ELEVATION AND PLAN VIEW OF CONCRETE WALL
NOT TO SCALE



NOTES:

1. See Concrete Notes on the Material and Detail Reference Plan.
2. Finish on top of header shall be broom finish, parallel with header.
3. Contractor shall install score joints at 6' OC maximum with expansion joints at 18' OC maximum. Align joints with posts and/or adjacent concrete pavement.
4. Plastic header board shall be Epic Plastics, or approved equal.
5. Secure plastic header board with 4" long Tapcon screw at 18" OC. Leave 1/2" gap between ends of boards to allow for expansion.
6. Scarify, moisture condition, and recompact upper 12 inches of exposed subgrade and compact fill to a minimum of 90 percent compaction near optimum content for granular soils and to a minimum of 90 percent compaction at a minimum of 2 percent over optimum moisture content for clayey soils.

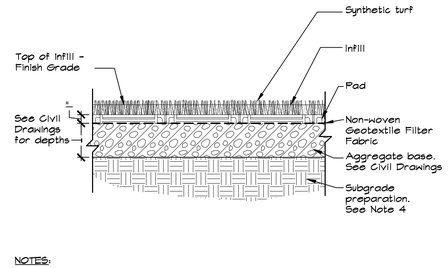
4 CONCRETE HEADER
NOT TO SCALE



NOTES:

1. Installation shall be completed in accordance with resilient rubber Manufacturer's specifications.

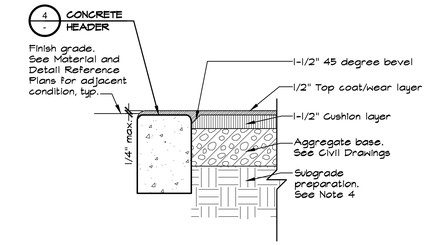
5 CONCRETE PAVEMENT AT RESILIENT SURFACING
NOT TO SCALE



NOTES:

1. Synthetic Turf shall be Field Turf Command Core, or approved equal.
2. Pad shall be Brock Powerbase/YSR, or approved equal.
3. Install per Manufacturer's specifications.
4. Scarify, moisture condition, and recompact upper 12 inches of exposed subgrade and compact fill to a minimum of 90 percent compaction near optimum content for granular soils and to a minimum of 90 percent compaction at a minimum of 2 percent over optimum moisture content for clayey soils.

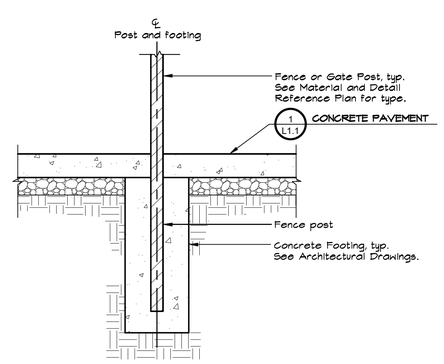
6 SYNTHETIC TURF
NOT TO SCALE



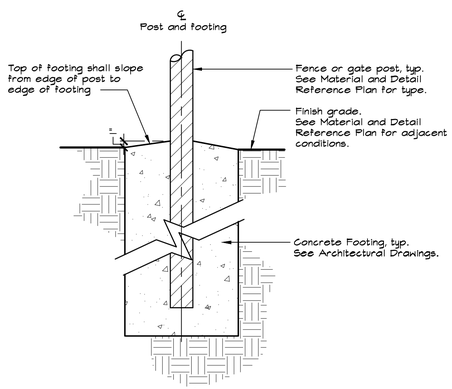
NOTES:

1. Resilient surfacing shall be TotTurf Supreme, Poured in Place TPV, or approved equal.
2. Concrete headers shall be primed prior to installation of resilient surfacing.
3. Submit colors to Architect for review and approval prior to ordering.
4. Scarify, moisture condition, and recompact upper 12 inches of exposed subgrade and compact fill to a minimum of 90 percent compaction near optimum content for granular soils and to a minimum of 90 percent compaction at a minimum of 2 percent over optimum moisture content for clayey soils.

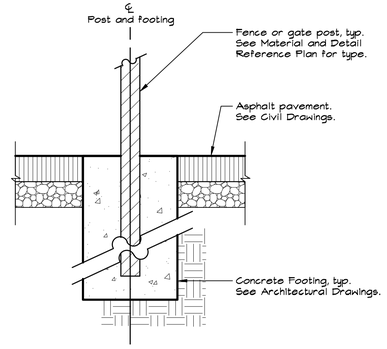
7 RESILIENT SURFACING
NOT TO SCALE



8 POST AT CONCRETE PAVEMENT
NOT TO SCALE



9 POST AT FINISH GRADE
NOT TO SCALE



10 POST AT ASPHALT PAVEMENT
NOT TO SCALE

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

REGISTERED LANDSCAPE ARCHITECT
GREGORY STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO: 2497.00
DRAWN BY: BTI/ECD
DRAWING SCALE:
PTN: 61721-99 FILE NO: 7-H4

DSA SUBMITTAL

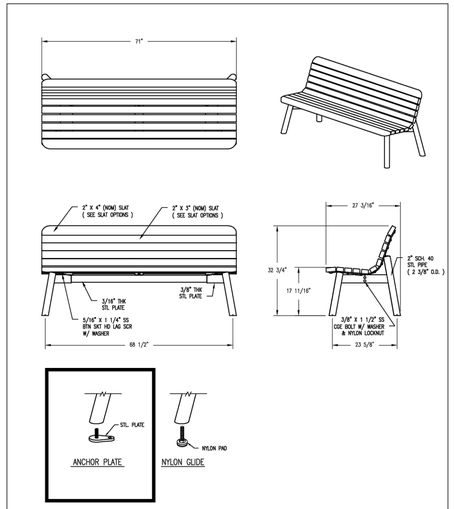
OCTOBER 8, 2026

SHEET TITLE

CONSTRUCTION DETAILS

SHEET NUMBER

L1.1



SLAT OPTIONS
- WOOD
- [x] RECYCLED PLASTIC
- WOOD GRAIN RECYCLED PLASTIC

NOTES:
1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS & 1/2" X 1" NYLON GLIDES PROVIDED.

DuMor, Inc.	BENCH	DATE DRAWN : 12/27/24 DRAWN BY : JSB DATE REV. : 04/01/25 REV. BY : RSH	REV. B	DRAWING NUMBER 535-60/S-5	SHEET 1 OF 2

NOTES:
1.) DURING ASSEMBLY PROCEDURE; DO NOT COMPLETELY TIGHTEN HARDWARE.
2.) THE ACTUAL PARTS WILL NOT BE NUMBERED. NUMBERS ONLY APPLY TO DRAWING.
3.) UPON COMPLETION OF ASSEMBLY SQUARE ALL COMPONENTS THEN TIGHTEN ALL HARDWARE.
4.) MOUNT AND ANCHOR AS SPECIFIED.

TOOLS REQ'D
3/4" WRENCH
9/16" WRENCH
3/16" ALLEN WRENCH
1/2" MASONRY DRILL BIT
DRILL

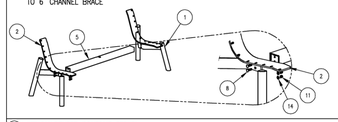
KITS PROVIDED

ITEM	QTY	PART NO	DESCRIPTION
16	1	K-ANC0860-4	1/2" X 3 3/4" SS ANCHOR KIT (4PC)
17	1	K-BLO524-33	5/16" LAG HARDWARE KIT (33PC)
18	1	K-C00616-2TL	3/8" CGE BOLT HARDWARE KIT (2PC)
19	1	K-C00824-4L	3/8" CGE BOLT HARDWARE KIT (4PC)
20	1	K-GLO816-4	1/2" X 1" GLIDE KIT (4PCS)

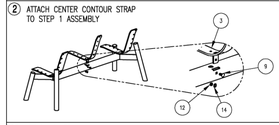
PARTS LIST FOR S-5

ITEM	QTY	PART NO	DESCRIPTION
1	1	0-535-00-01L/SS	LEFT SUPPORT, FREE STD
2	1	0-535-00-01R/SS	RIGHT SUPPORT, FREE STD
3	1	0-535-00-02	3/8" X 4 1/2" CENTER CONTOUR STRAP
4	4	0-535-00-07	STL ANCHOR PLATE
5	1	0-535-5-03	6' CHANNEL BRACE
6	9	0-535-60-04	2" X 3" X 71" MITR SLAT
7	2	0-535-60-05	2" X 4" X 71" EDGE SLAT
8	4	1-11-003	3/8" X 1 1/2" SS CGE BOLT
9	1	1-11-028	3/8" X 1" SS CGE BOLT
10	33	1-13-023	5/16" X 1 1/4" SS BTN SKT HD LAG
11	4	1-20-007	3/8" SS NYLON LOCKNUT
12	1	1-20-019	3/8" SS THIN NYLON LOCKNUT
13	33	1-22-017	5/16" SS FLAT WASHER
14	5	1-22-024	3/8" SS FLAT WASHER
15	4	5-48-096	1/2" X 1" SWIVEL GLIDE

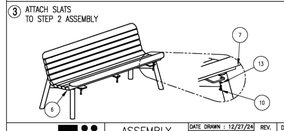
1 ATTACH BENCH SUPPORTS TO 6' CHANNEL BRACE



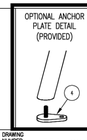
2 ATTACH CENTER CONTOUR STRAP TO STEP 1 ASSEMBLY



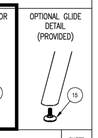
3 ATTACH SLATS TO STEP 2 ASSEMBLY



OPTIONAL ANCHOR PLATE DETAIL (PROVIDED)



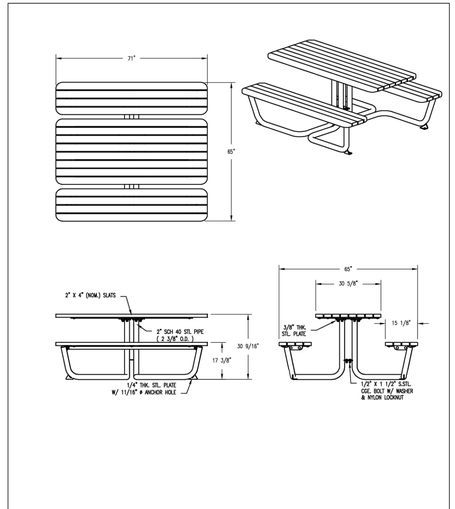
OPTIONAL GLIDE DETAIL (PROVIDED)



DuMor, Inc.	ASSEMBLY INSTRUCTIONS	DATE DRAWN : 12/27/24 DRAWN BY : JSB DATE REV. : 04/01/25 REV. BY : RSH	REV. B	DRAWING NUMBER 535-60/S-5	SHEET 2 OF 2

NOTES:
1. Bench shall be Dumor 535-60PL, 6' Steel Bench, Poly Lumber.
2. Color: Recycle Green Powder Coat with Cedar Poly Lumber slats.
3. Surface mount per Manufacturer's instructions.

1 BENCH
NOT TO SCALE

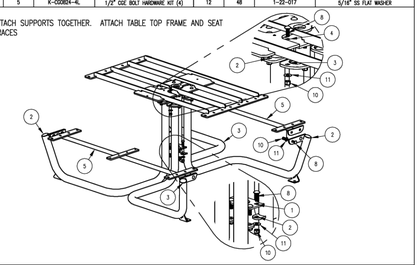


SLAT OPTIONS
- WOOD
- [x] RECYCLED PLASTIC
- WOOD GRAIN RECYCLED PLASTIC

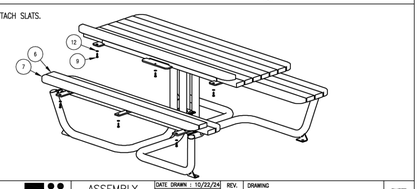
NOTES:
1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
2.) 1/2" X 3 3/4" ANCHOR BOLTS PROVIDED.

DuMor, Inc.	TABLE	DATE DRAWN : 08/12/24 DRAWN BY : RSH DATE REV. : 00/00/00 REV. BY : XXX	REV. A	DRAWING NUMBER 537-60	SHEET 1 OF 2

NOTES:
1.) ATTACH SUPPORTS TOGETHER. ATTACH TABLE TOP FRAME AND SEAT BRACES



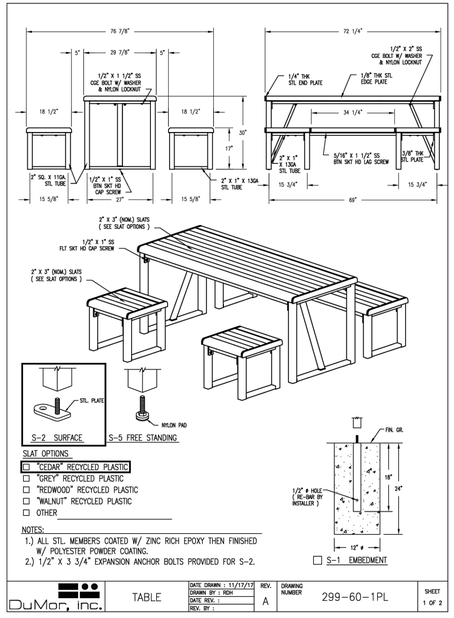
2 ATTACH SLATS.



DuMor, Inc.	ASSEMBLY INSTRUCTIONS	DATE DRAWN : 10/22/24 DRAWN BY : ESS DATE REV. : 00/00/00 REV. BY : XXX	REV. A	DRAWING NUMBER 537-60	SHEET 2 OF 2

NOTES:
1. Table Type 1 shall be Dumor 537-60PL, 6' Picnic Table, Poly Lumber.
2. Color: Recycle Green Powder Coat with Cedar Poly Lumber slats.
3. Surface mount per Manufacturer's instructions.

2 TABLE TYPE 1
NOT TO SCALE



SLAT OPTIONS
- [x] "CEDAR" RECYCLED PLASTIC
- [ ] "GREY" RECYCLED PLASTIC
- [ ] "REDWOOD" RECYCLED PLASTIC
- [ ] "WALNUT" RECYCLED PLASTIC
- [ ] OTHER _____

NOTES:
1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR S-2.

DuMor, Inc.	TABLE	DATE DRAWN : 11/17/17 DRAWN BY : RSH DATE REV. : REV. BY :	REV. A	DRAWING NUMBER 299-60-1PL	SHEET 1 OF 2

NOTES:
1.) DURING ASSEMBLY PROCEDURE; DO NOT COMPLETELY TIGHTEN HARDWARE.
2.) THE ACTUAL PARTS WILL NOT BE NUMBERED. NUMBERS ONLY APPLY TO DRAWING.
3.) UPON COMPLETION OF ASSEMBLY SQUARE ALL COMPONENTS THEN TIGHTEN ALL HARDWARE.
4.) MOUNT AND ANCHOR AS SPECIFIED.

TOOLS REQ'D
3/4" WRENCH
3/16" ALLEN WRENCH
5/16" ALLEN WRENCH
1/2" MASONRY DRILL BIT
DRILL

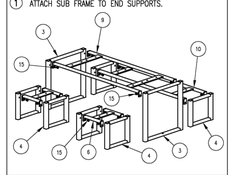
KITS PROVIDED FOR S-2

ITEM	QTY	PART NO	DESCRIPTION
21	4	K-ANC0500-4	1/2" X 3 3/4" SS ANCHOR KIT (4PC)
22	1	K-B03824-2	1/2" CAP HARDWARE KIT (2PC)
23	1	K-BLO524-52	5/16" LAG HARDWARE KIT (52PC)
24	3	K-C00824-4L	1/2" CGE BOLT HARDWARE KIT (4)
25	2	K-C00832-2L	1/2" CGE BOLT HARDWARE KIT (2)
26	4	K-FOB19-4	1/2" CAP HARDWARE KIT (4 PCS)

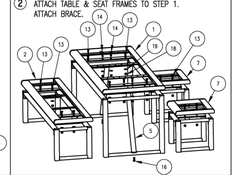
PARTS LIST FOR S-2

ITEM	QTY	PART NO	DESCRIPTION
1	1	0-299-60-05	6' STL TABLE FRAME FOR PLASTIC
2	1	0-299-60-06	6' BKLS STL SEAT FRAME FOR PLASTIC
3	2	0-299-00-01	STL TABLE END SUPPORT
4	6	0-299-00-02	STL SEAT END SUPPORT
5	2	0-299-00-06	STL TABLE BRACE
6	2	0-299-19-03	6' STL SEAT SUB FRAME
7	2	0-299-19-04	6' BKLS STL SEAT FRAME FOR WOOD
8	8	0-299-19PL-07	2" X 3" X 11 3/4" SLAT, PLASTIC
9	1	0-299-60-03	6' STL TABLE SUB FRAME
10	1	0-299-60-04	6' STL SEAT SUB FRAME
11	12	0-473-60PL-03	2" X 3" X 71" MITR SLAT, PLASTIC
12	16	0-94-00-02/S-2	SURFACE MOUNT FOOT PAD, PC
13	12	1-11-042	1/2" X 1 1/2" SS CGE BOLT
14	4	1-11-043	1/2" X 2" SS CGE BOLT
15	16	1-13-014	1/2" X 1" SS FLT SKT HD CAP SCR
16	2	1-13-030	1/2" X 1 1/2" SS BTN SKT HD CAP SCR
17	64	1-13-033	5/16" X 1 1/2" SS BTN SKT HD LAG
18	16	1-20-015	1/2" SS NYLON LOCKNUT
19	16	1-22-015	1/2" SS FLAT WASHER
20	64	1-22-017	5/16" SS FLAT WASHER

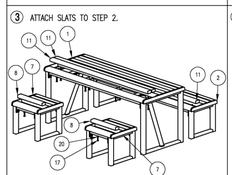
1 ATTACH SUB FRAME TO END SUPPORTS.



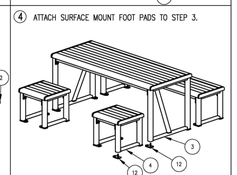
2 ATTACH TABLE & SEAT FRAMES TO STEP 1. ATTACH BRACE.



3 ATTACH SLATS TO STEP 2.



4 ATTACH SURFACE MOUNT FOOT PADS TO STEP 3.



DuMor, Inc.	ASSEMBLY INSTRUCTIONS	DATE DRAWN : 11/17/17 DRAWN BY : RSH DATE REV. : REV. BY :	REV. A	DRAWING NUMBER 299-60-1PL	SHEET 2 OF 2

NOTES:
1. Table Type 2 shall be Dumor 299-60-1PL, 6' Accessible Picnic Table, Poly Lumber.
2. Color: Recycle Green Powder Coat with Cedar Poly Lumber slats.
3. Surface mount per Manufacturer's instructions.

3 TABLE TYPE 2
NOT TO SCALE

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, Inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

REGISTERED LANDSCAPE ARCHITECT
GREGORY STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796
ARCH PROJECT NO: 2497.00
DRAWN BY: BTI/ECD
DRAWING SCALE:
PTN: 61721-99 FILE NO: 7-H4

DSA SUBMITTAL
OCTOBER 8, 2026

SHEET TITLE

CONSTRUCTION DETAILS

SHEET NUMBER
L1.2

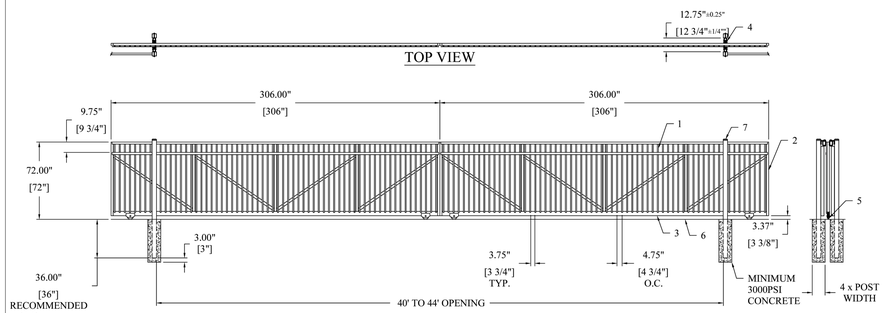
ALL TUBING TO BE
2" SQ x 12ga. UNLESS
NOTED ON DRAWING

FOR ASSEMBLY USE
2MX307022R

NOTE:
ALL DETAILS
SEE PAGE 2

STEEL MATERIAL SHALL BE
COMMERCIAL STEEL W/ MIN YIELD
STRENGTH OF 45000PSI

#	DESCRIPTION
1	1" SQ x 14ga. PICKET
2	2" x 12ga. SQ FRAME
3	2" x 4" x 11ga. BOTTOM RAIL
4	TOP GUIDE ROLLERS
5	6" V-GROOVE WHEEL
6	V-GROOVE TRACK
7	4" x 11ga. SQ POST



Unless Noted Otherwise: DO NOT SCALE OFF DRAWING. Angular ± 0.5°

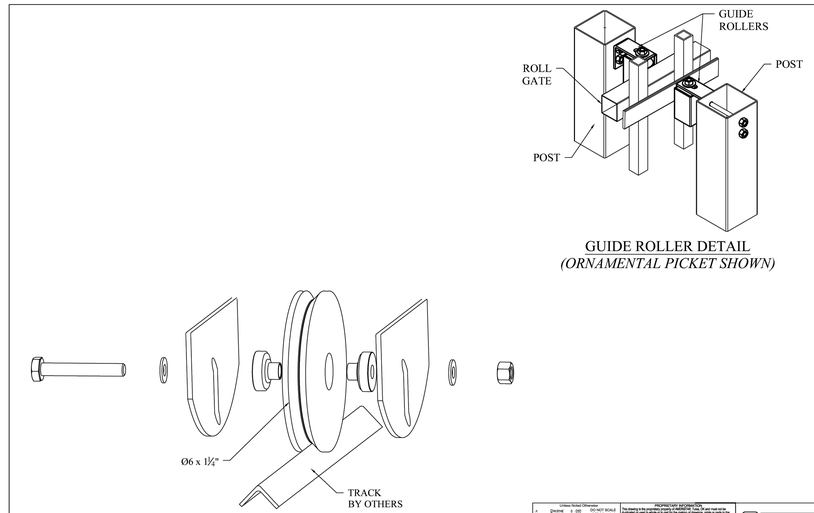
PROPRIETARY INFORMATION: This drawing is the proprietary property of AMERISTAR, Tulsa, OK and must not be duplicated in part or whole or used for the making of drawings, prints or parts to the customer's order unless expressly accepting this drawing, the recipient agrees to keep the information contained confidential.

AMERISTAR®
1555 N. Mingo
Tulsa, OK 74116
1-888-333-3422
www.ameristarfence.com

REVISION HISTORY				
REV.	ECN	AUTHOR	DATE	DESCRIPTION
BA		VDR	09/30/2026	Initial Release of this sheet

TITLE:	PASSPORT II STEEL ROLL GATE		
DATE:	09/30/2026	SHEET:	1 of 2
DRN BY:	VDR	REV:	A
DRAWING NO:	61-410-8707		

1 VEHICULAR ENTRY GATE
NOT TO SCALE



Unless Noted Otherwise: DO NOT SCALE OFF DRAWING. Angular ± 0.5°

PROPRIETARY INFORMATION: This drawing is the proprietary property of AMERISTAR, Tulsa, OK and must not be duplicated in part or whole or used for the making of drawings, prints or parts to the customer's order unless expressly accepting this drawing, the recipient agrees to keep the information contained confidential.

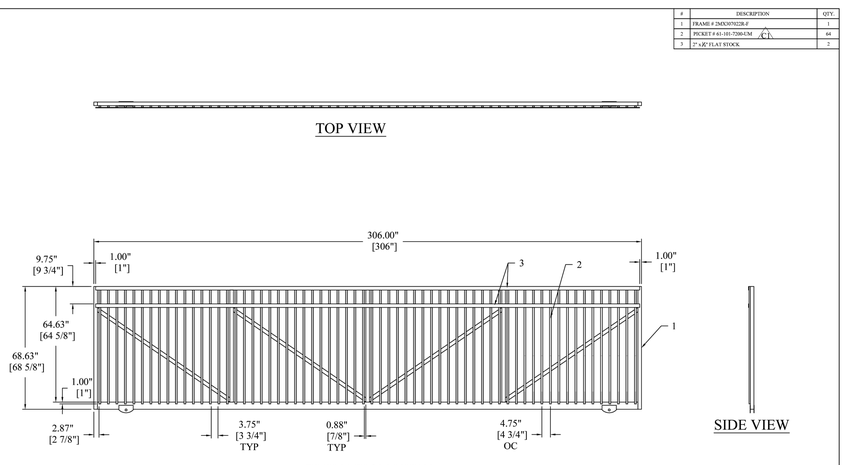
AMERISTAR®
1555 N. Mingo
Tulsa, OK 74116
1-888-333-3422
www.ameristarfence.com

REVISION HISTORY				
REV	ECN	AUTHOR	DATE	DESCRIPTION
A		NJB	02-13-13	ORIGINAL RELEASE
B	091232 091233	LMB	01-08-2015	1) UPDATED MUDD ROLLER DETAILS AND DIMENSIONS 2) UPDATED LATCH DETAILS
C	093315	LJM	10-06-15	PET WAS DESCRIPTION AND CUT LENGTH
D	1091108	LJM	06/02/16	RAIL CHANGE TO 11GA (REMOVED GA CALLOUT IN BOM)

TITLE:	PASSPORT II STEEL ROLL GATE - DETAIL		
DATE:	02/22/16	SHEET:	3 of 4
DRN BY:	LJM	REV:	D
DRAWING NO:	2MX307022R		

2 GATE DETAILS
NOT TO SCALE

#	DESCRIPTION	QTY.
1	FRAME # 2MX307022R-F	1
2	PICKET T-61-101-7200-UM	64
3	2" x2" FLAT STOCK	2



Unless Noted Otherwise: DO NOT SCALE OFF DRAWING. Angular ± 0.5°

PROPRIETARY INFORMATION: This drawing is the proprietary property of AMERISTAR, Tulsa, OK and must not be duplicated in part or whole or used for the making of drawings, prints or parts to the customer's order unless expressly accepting this drawing, the recipient agrees to keep the information contained confidential.

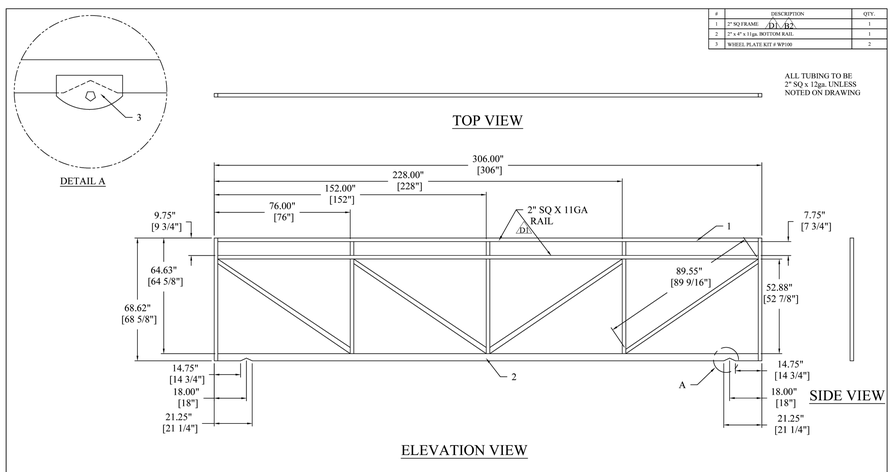
AMERISTAR®
1555 N. Mingo
Tulsa, OK 74116
1-888-333-3422
www.ameristarfence.com

REVISION HISTORY				
REV	ECN	AUTHOR	DATE	DESCRIPTION
A		LMB	10-06-15	PET WAS DESCRIPTION AND CUT LENGTH
B	1091108	LJM	06/02/16	RAIL CHANGE TO 11GA (REMOVED GA CALLOUT IN BOM)

TITLE:	PASSPORT-II STEEL ROLL GATE ASSEMBLY		
DATE:	02/22/16	SHEET:	3 OF 4
DRN BY:	LJM	REV:	D
DRAWING NO:	2MX307022R-A		

3 GATE ASSEMBLY
NOT TO SCALE

#	DESCRIPTION	QTY.
1	2" SQ FRAME	1
2	2" x 4" x 11ga. BOTTOM RAIL	1
3	WHEEL PLATE KIT # WP100	2



Unless Noted Otherwise: DO NOT SCALE OFF DRAWING. Angular ± 0.5°

PROPRIETARY INFORMATION: This drawing is the proprietary property of AMERISTAR, Tulsa, OK and must not be duplicated in part or whole or used for the making of drawings, prints or parts to the customer's order unless expressly accepting this drawing, the recipient agrees to keep the information contained confidential.

AMERISTAR®
1555 N. Mingo
Tulsa, OK 74116
1-888-333-3422
www.ameristarfence.com

REVISION HISTORY				
REV	ECN	AUTHOR	DATE	DESCRIPTION
A	LMS	BK	08-06-13	INITIAL RELEASE
B	1113187	LMS	01-28-2013	1) WAS 2" x 11ga
C	093315	LJM	10-06-15	PET WAS DESCRIPTION AND CUT LENGTH
D	1091108	LJM	06/02/16	RAIL CHANGE TO 11GA (REMOVED GA CALLOUT IN BOM)

TITLE:	PASSPORT-II STEEL ROLL GATE FRAME		
DATE:	02/22/16	SHEET:	4 of 4
DRN BY:	LJM	REV:	D
DRAWING NO:	2MX307022R-F		

4 GATE FRAME
NOT TO SCALE

VEHICULAR GATE AUTOMATION SCHEDULE

Manufacturer	Product	Model No.	Notes
DKS DoorKing	Slide Gate Operator	9024-380	Quantity: 2. See Electrical Drawings
DKS DoorKing	#40 Roller Chain, Nickel Plated	2600-442	Quantity as required
DKS DoorKing	PC Programmable Access Control System	1838-081 Multi-Door Access Controller	Locate in IDF. See Electrical Drawings
DKS DoorKing	Network Adapter	1830-185	Quantity: 1

Manufacturer	Product	Model No.	Notes
DKS DoorKing	MicroPLUS RF Receiver	8040-080	Quantity: 1. See Electrical Drawings
DKS DoorKing	MicroPLUS Transmitter	8069-080 1 Button	Quantity: 4
DKS DoorKing	Long Range Reader	1815-350	Quantity: 2. See Electrical Drawings
DKS DoorKing	UHF DK Prox Card and Windshield Holder	1508-190 and 1815-318	Quantity: 6 each

Manufacturer	Product	Model No.	Notes
DKS DoorKing	Coax Antenna Kit	1514-075	Quantity as required
DKS DoorKing	Monitored Photobeam Sensor Systems	8080-052 (EMX IRB-MON)	Quantity as required
DKS DoorKing	Vehicle Detection Loop Systems	Single Channel 9410-010/ Two Channel 9409-010	Outside shadow/ interior reversing/ open/exit. Min. (9) 6'x6' prefab. loops
DKS DoorKing /Knox	Fire Dept. Lock Box and Access Key Switch	1401-080 and Knox 3501	Quantity: 1 each

Manufacturer	Product	Model No.	Notes
DKS DoorKing	Multiple Input Module (MIM 62)	8080-079	Quantity as required
DKS DoorKing	Contact Sensor Kit	8080-008 (RB-G-K10)	Quantity as required
DKS DoorKing	Contact Sensor Transmitter	8080-006 Monitored Transmitter (RB-TX-10)	Quantity as required
DKS DoorKing	Contact Sensor	8080-066	Quantity as required

NOTES

1. Vehicular Entry Gate shall be Ameristar Passport II Bi-Parting Steel Roll Gate, or approved equal. Gate and all components shall have a black powder coated finish.
2. Provide and install Ameristar perforated metal on vehicular gate and fence for the full length between the ends of sound wall.
3. Vehicular Gate Automation Equipment shall be DKS DoorKing, or approved equal. Install per manufacturer's instructions. DoorKing contact: Lamar Jackson, (916) 240-7201; LJackson@doorking.com.
4. See Structural Drawings for gate post footings.
6. See Electrical Drawings for electrical information.
7. Provide and install reinforced concrete pads for components as required.
8. Automated Vehicular Gate System shall comply with ASTM F2200 and UL 325. Contractor shall prepare shop drawings for review and approval.
9. Contractor shall provide and install all components required for a complete and compliant system.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, Inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

LICENSED LANDSCAPE ARCHITECT
GLENN STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO: 2497.00
DRAWN BY: BTI/ECD
DRAWING SCALE:
PTN: 61721-99 FILE NO: 7-H4

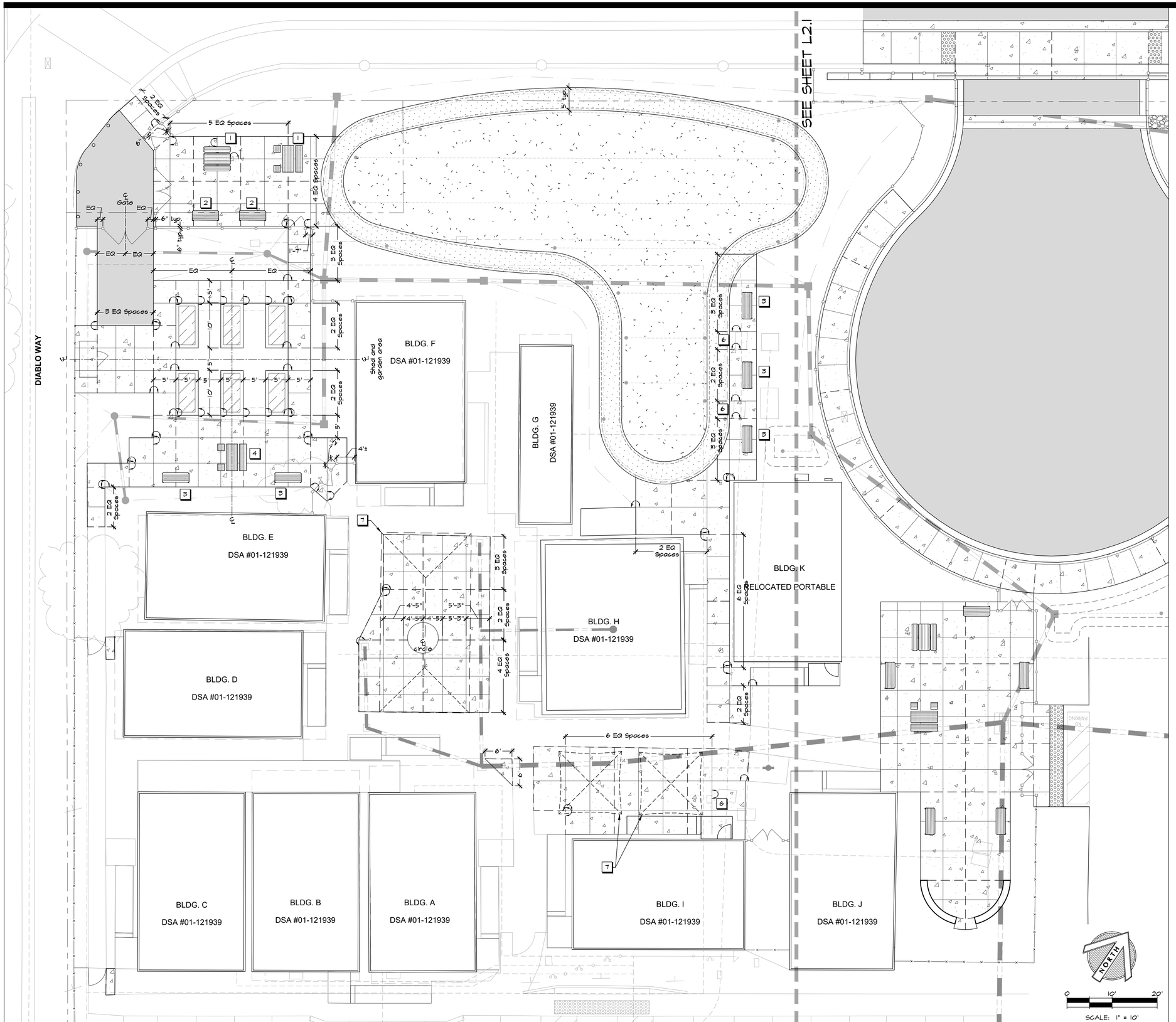
DSA SUBMITTAL
OCTOBER 8, 2026

SHEET TITLE

CONSTRUCTION DETAILS

SHEET NUMBER

L1.3



LAYOUT LEGEND

- —RX'-Y'→ Radial Dimension
- X' Arc Dimension
- X' Linear Dimension
- Flush connection
- Align
- Guideline to show alignment
- ℄ Centerline
- EQ Equal

SHEET NOTES

NOT ALL MAY APPEAR ON THIS SHEET

1. Center table on score joints. Provide 3" minimum clearance between anchor bolts and control joints.
2. Center bench between score joints and offset from back of pavement 1 foot to back of bench. Provide 3" minimum clearance between anchor bolts and control joints.
3. Center bench on score joints and offset from back of pavement 1 foot to back of bench. Provide 3" minimum clearance between anchor bolts and control joints.
4. Provide 3" minimum clearance between anchor bolts and control joints.
5. Center bench on score joints and offset from back of pavement 1 foot to back of bench. Shift bench to north as needed to provide 3" minimum clearance between anchor bolts and control joints.
6. Reset and align utility box covers to be parallel with score joints.
7. Shade Structure. See Architectural Drawings.

LAYOUT NOTES

1. Contractor shall notify all public or private utility companies two (2) working days prior to commencement of work on this project to verify the locations of existing utility lines. Call Underground Service Alert (U.S.A.) toll free at 811, 7:00am to 5:00pm, Monday through Friday.
2. All coordinates and dimensions shown are in a horizontal plane.
3. Written dimensions always take precedence over scaled dimensions. If there is a conflict, notify the District and Landscape Architect and obtain a clarification. No deviation or substitution shall be allowed without obtaining written approval from the District and Landscape Architect.
4. See Civil Drawings for additional layout information.
5. This Plan does not represent a Property Line Survey. Property lines shown hereon may not represent the true position of the line.
6. The Contractor shall coordinate all construction elements including utility locations and required sleeving prior to installation of any underground utilities.
7. The Contractor shall verify critical dimensions, reference and control point locations and construction conditions prior to construction.
8. All dimensions shall be verified in the field, chalked painted, and/or string lined. Any adjustments, major or minor, required to achieve overall design layout shall be reviewed and approved by the District and Landscape Architect prior to construction.
9. All materials shall be furnished and installed by the Contractor per Manufacturer's specifications, unless otherwise noted in these Plans or Specifications.
10. Existing features and topographic information have been taken from Survey performed by CBG provided by Quattrocchi Kwok Architects. GSM landscape architects, Inc. assumes no liability, real or alleged, regarding the accuracy of the existing features or topographic information shown.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, Inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

LICENSED LANDSCAPE ARCHITECT
GREGORY STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO: 2497.00
DRAWN BY: BTI/ECD
DRAWING SCALE:
PTN: 61721-99 FILE NO: 7-H4

DSA SUBMITTAL

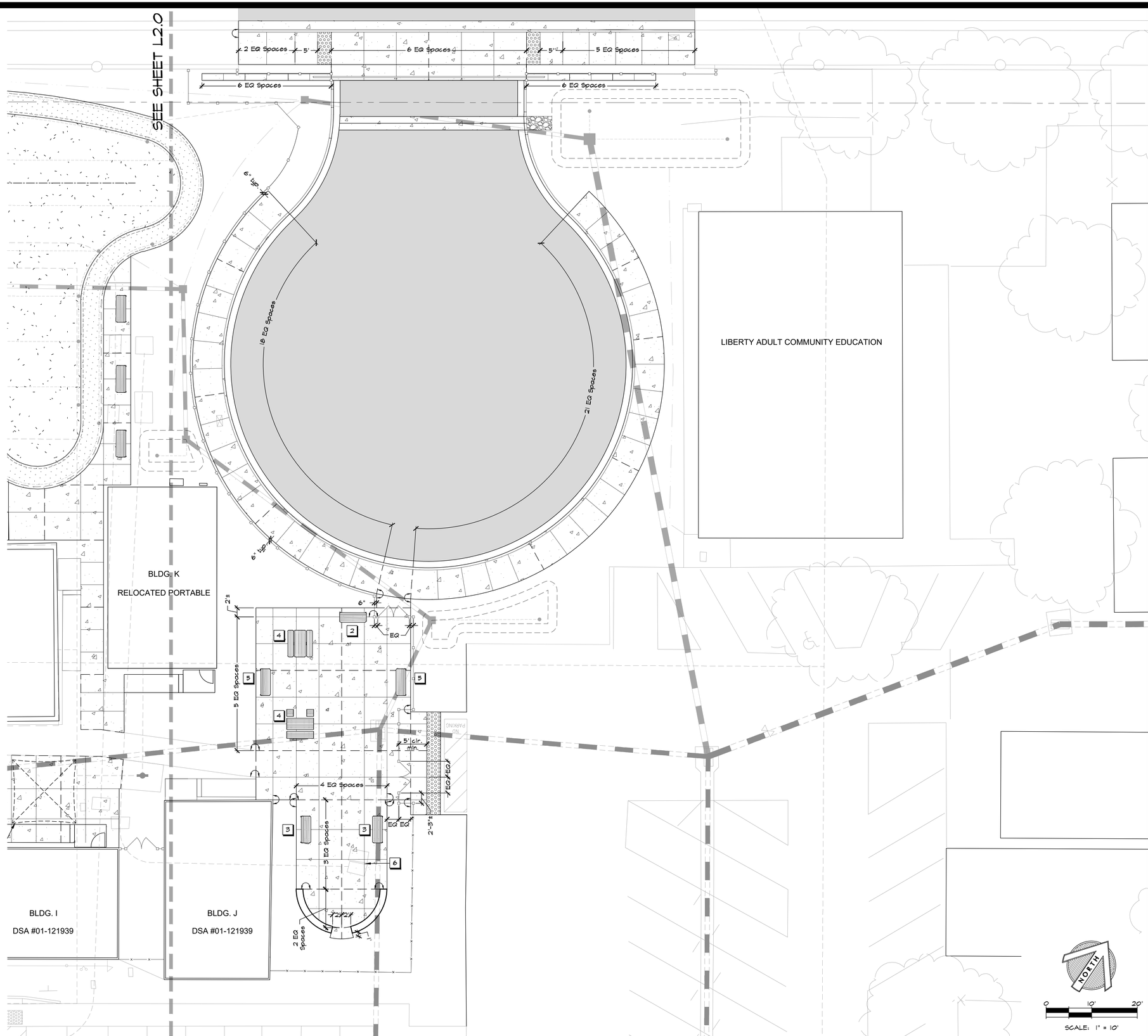
OCTOBER 8, 2026

SHEET TITLE

LAYOUT PLAN

SHEET NUMBER

L2.0



LAYOUT LEGEND

- —RX'-Y"→ Radial Dimension
- X' Arc Dimension
- X" Linear Dimension
- Flush connection
- Align
- Guideline to show alignment
- ℄ Centerline
- EQ Equal

SHEET NOTES

NOT ALL MAY APPEAR ON THIS SHEET

1. Center table on score joints. Provide 3" minimum clearance between anchor bolts and control joints.
2. Center bench between score joints and offset from back of pavement 1 foot to back of bench. Provide 3" minimum clearance between anchor bolts and control joints.
3. Center bench on score joints and offset from back of pavement 1 foot to back of bench. Provide 3" minimum clearance between anchor bolts and control joints.
4. Provide 3" minimum clearance between anchor bolts and control joints.
5. Center bench on score joints and offset from back of pavement 1 foot to back of bench. Shift bench to north as needed to provide 3" minimum clearance between anchor bolts and control joints.
6. Reset and align utility box covers to be parallel with score joints.
7. Shade Structure. See Architectural Drawings.

LAYOUT NOTES

See Sheet L2.0

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

REGISTERED LANDSCAPE ARCHITECT
GREGORY STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	BTI/ECD
DRAWING SCALE:	
PTN: 61721-99	FILE NO: 7-H4

DSA SUBMITTAL

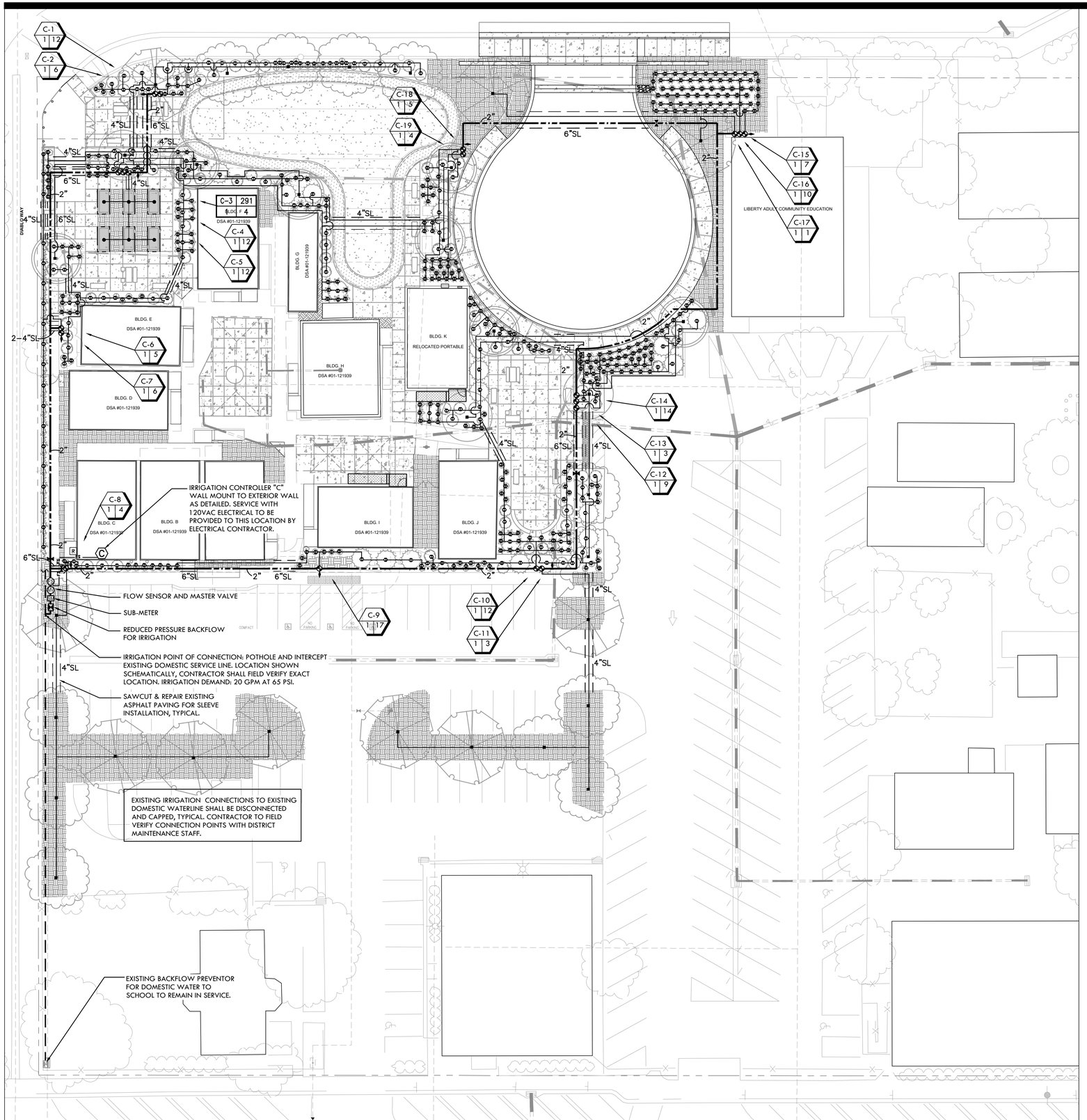
OCTOBER 8, 2026

SHEET TITLE

LAYOUT PLAN

SHEET NUMBER

L2.1



NOTES:

1. *ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
2. IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
3. SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 1.0 GPH OR LESS EMITTERS) SHALL BE AS FOLLOW:

   0.75" 0-1100 FT

4. SIZING OF LATERAL PIPE FOR BUBBLERS SHALL BE AS FOLLOW:

BUBBLERS	PIPE SIZE	GPM	NO. OF BUBBLERS*
SHRUB BUBBLERS 0.25 GPM	0.75"	1-6	1-24
	1"	7-12	25-48
	1.25"	12-20	49-80
	1.5"	21-32	81-128
TREE BUBBLERS 0.25 GPM	0.75"	1-6	1-24
	1"	7-12	25-48

NORTH

0 20' 40'

SCALE: 1" = 20'

I HAVE COMPLIED WITH THE CRITERIA OF THE WATER CONSERVATION IN LANDSCAPING ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE AND IRRIGATION DESIGN PLANS.

IRRIGATION DESIGNER:

Jeff Bradshaw DATE: 8-18-2026

RUSSELL D. MITCHELL ASSOCIATES, INC. WALNUT CREEK, CA.
MEMBER: AMERICAN SOCIETY OF IRRIGATION CONSULTANTS.
CERTIFIED IRRIGATION DESIGNER (CID) #002794
CERTIFIED IRRIGATION AUDITOR (CIA)

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, Inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

LICENSED LANDSCAPE ARCHITECT STEPHEN STRANZL No. 2790 Exp. 10-31-28 STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796
ARCH PROJECT NO: 2497.00
DRAWN BY: JB/DM
DRAWING SCALE:
PTN: 61721-99 FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

SHEET TITLE

IRRIGATION PLAN

SHEET NUMBER

L3.0

IRRIGATION NOTES

1. THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.

2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.

3. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF PLANT MATERIAL.

4. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.

5. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS, SLOPES, SUN, SHADE AND WIND EXPOSURE.

6. IT IS THE RESPONSIBILITY OF A LICENSED ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT A.C. (2.5 AMP DEMAND PER CONTROLLER) ELECTRICAL SERVICE TO THE CONTROLLER LOCATION(S). IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO COORDINATE THE ELECTRICAL SERVICE STUB-OUT TO THE CONTROLLER(S). PROVIDE PROPER GROUNDING PER CONTROLLER MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH LOCAL CODES.

7. INSTALL 3" DETECTABLE TAPE ABOVE ALL PRESSURIZED MAIN LINES AS DETAILED. USE CHRISTY MODEL #TA-DT-3-BIRR FOR POTABLE IRRIGATION SYSTEMS IRRIGATION WATER SYSTEMS.

8. PROVIDE EACH IRRIGATION CONTROLLER WITH ITS OWN INDEPENDENT LOW VOLTAGE COMMON GROUND WIRE.

9. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. COMMON GROUND WIRE: SIZE #12-1 WIRE WITH A WHITE INSULATING JACKET. CONTROL WIRE SERVICING REMOTE CONTROL VALVES: SIZE #14-1 WIRE WITH INSULATING JACKET OF COLOR OTHER THAN WHITE. SPLICES SHALL BE MADE WITH 3M-DBY SEAL PACKS OR APPROVED EQUAL.

10. INSTALL TWO SPARE CONTROL WIRES OF A DIFFERENT COLOR ALONG THE ENTIRE MAIN LINE. LOOP 36" EXCESS WIRE INTO EACH SINGLE VALVE BOX AND INTO ONE VALVE BOX IN EACH GROUP OF VALVES.

11. SPLICING OF LOW VOLTAGE WIRES IS PERMITTED IN VALVE BOXES ONLY. LEAVE A 36" LONG, 1" DIAMETER COIL OF EXCESS WIRE AT EACH SPLICE AND A 36" LONG EXPANSION LOOP EVERY 100 FEET ALONG WIRE RUN. TAPE WIRES TOGETHER EVERY TEN FEET. DO NOT TAPE WIRES TOGETHER WHERE CONTAINED WITHIN SLEEVING OR CONDUIT.

12. INSTALL BLACK PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION CONTROL VALVE". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.

13. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, BUILDING OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, INSTALL EACH BOX AN EQUAL DISTANCE FROM THE WALK, CURB, BUILDING OR LANDSCAPE FEATURE AND PROVIDE 12" BETWEEN BOX TOPS. ALIGN THE SHORT SIDE OF RECTANGULAR VALVE BOXES PARALLEL TO WALK, CURB, BUILDING OR LANDSCAPE FEATURE.

14. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, HEADER BOARD, BUILDING, OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, INSTALL EACH BOX 12" FROM THE WALK, CURB, HEADER BOARD, BUILDING, OR LANDSCAPE FEATURE AND INSTALL EACH BOX 12" APART.

15. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS (AVOID LAWN AREAS WHERE POSSIBLE).

16. THE CONTRACTOR SHALL LABEL CONTROL LINE WIRE AT EACH REMOTE CONTROL VALVE WITH A 2 1/4" X 2 3/4" POLYURETHANE I.D. TAG, INDICATING IDENTIFICATION NUMBER OF VALVE (CONTROLLER AND STATION NUMBER). ATTACH LABEL TO CONTROL WIRE. THE CONTRACTOR SHALL PERMANENTLY STAMP ALL VALVE BOX LIDS WITH APPROPRIATE IDENTIFICATION AS NOTED IN CONSTRUCTION DETAILS.

17. LOCATE BUBBLERS ON UPHILL SIDE OF PLANT OR TREE.

18. INSTALL A HUNTER HCV SERIES, KBI CV SERIES, OR APPROVED EQUAL SPRING LOADED CHECK VALVE IN SPRINKLER RISER ASSEMBLIES WHERE LOW OUTLET DRAINAGE WILL CAUSE EROSION AND/OR EXCESS WATER.

19. WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS.

20. NOTIFY LOCAL JURISDICTIONS FOR INSPECTION AND TESTING OF INSTALLED BACKFLOW PREVENTION DEVICE.

21. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.

22. IRRIGATION DEMAND: REFER TO PLANS.

23. THE EXISTING MAIN LINE SHOWN ON THE DRAWINGS IS DIAGRAMMATIC. VERIFY AND LOCATE EXISTING MAIN LINE IN FIELD. REPORT TO ARCHITECT IN WRITING ANY DEVIATION OF EXISTING MAIN LINE LOCATION FROM THAT SHOWN ON THE DRAWINGS.

24. AT POINTS OF CONNECTION BETWEEN EXISTING SOLVENT WELD MAIN LINE AND A NEW MAIN LINE BRANCH, USE THE FOLLOWING PROCEDURE:

A. REMOVE A PORTION OF EXISTING MAINLINE.
B. FABRICATE A TEE WITH TWO 12" SECTIONS OF PIPE ON EACH SIDE OF A SCH 80 TEE. USE A SCH 80 COUPLING ON ONE SIDE OF PIPE TO CONNECT NEW SECTION TO OLD. USE A ROMAC, HYMAX OR SMITH BLAIR REPAIR COUPLING WITHOUT A CENTER STOP ON OTHER SIDE OF TEE TO CONNECT EXISTING MAINLINE. NO SLIP FIXES ARE ALLOWED.

27. PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.

28. PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR SEAL #5.

29. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.

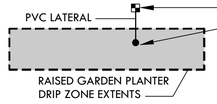
30. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CHANGES IN THE IRRIGATION LAYOUT AND VALVE ZONING DUE TO VARIATIONS IN THE EXISTING SITE CONDITIONS SUCH AS EXPOSURE FROM BUILDINGS, TRELLISES, TREES, ETC., AS WELL AS SLOPE AND SOIL CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF THE PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.

31. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE IRRIGATION SYSTEM DESIGN IF THE PLANTING DESIGN CHANGES FROM THE ORIGINAL PLAN AND NEEDS TO ADAPT TO THE NEW PLANTING DESIGN. THE LANDSCAPE CONTRACTOR NEEDS TO NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.

32. WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.

33. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLEMENTAL HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS UNTIL THE PLANTS ARE SUFFICIENTLY ESTABLISHED.

34. VERIFY LOCATIONS OF ALL IRRIGATION COMPONENTS INSTALLED WITHIN A VALVE BOX WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. DO NOT INSTALL UNTIL LANDSCAPE ARCHITECT PROVIDES ACCEPTABLE LOCATIONS.



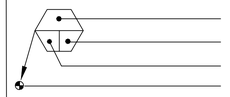
DRIPLINE REMOTE CONTROL VALVE

APPROXIMATE CONNECTION POINT BETWEEN DRIPLINE TUBING AND PVC SUPPLY WHEN DRIP ZONE IS LESS THAN 3 GPM AND NO PVC SUPPLY/EXHAUST HEADERS ARE NEEDED. REFER TO DRIPLINE TUBING CONNECTION DETAIL FOR MORE INFORMATION.

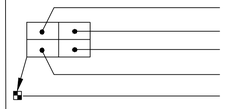
TORO DL2000 SERIES DRIPLINE WITH DL2000 INSERT FITTINGS FOR GARDEN PLANTERS, PART #RGP-412, 1.0 GPH. TUBING TO BE INSTALLED 2-3" BELOW GRADE IN A 10"-12" O.C. GRID SPACING BETWEEN ROWS, 3"-4" FROM EDGE OF PLANTER. INSTALL A QUICK-CONNECT HOSE COUPLING AT CONNECTION POINT TO PVC LATERAL PIPE FOR EASY REMOVAL OF TUBING DURING SEASONAL PLANTING. ALL EXHAUST HEADERS SHALL BE 1" SCH 40 PVC. 40 PVC SOLVENT WELD FITTINGS. SEE DETAILS FOR FURTHER INFORMATION.

IRRIGATION LEGEND

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	OPERATING PSI	OPERATING RADIUS (FEET)
⊙	1401	RAINBIRD BUBBLER, 1 PER SHRUB	0.25	30	TRICKLE
■	RWS-B-C-1402	RAIN BIRD DEEP WATERING SYSTEM (TREE) MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.50	30	TRICKLE
●▶	T-YD-500-34	TORO DRIPLINE AIR RELIEF VALVE (NOT SHOWN - REFER TO INSTALLATION DETAILS			
●+	WLT-0500-T	NDS SCH 40 BALL VALVE OR APPROVED EQUAL (NOT SHOWN - REFER TO INSTALLATION DETAILS			
▣	570-DRIP-IND	TORO POP-UP DRIPLINE INDICATOR WITH SIDE INLET (NOT SHOWN - REFER TO INSTALLATION DETAILS			
◔	2000 SERIES	GRISWOLD REMOTE CONTROL VALVE			
▩	2000-1" PRB-QKCHK-100	GRISWOLD REMOTE CONTROL VALVE WITH RAINBIRD PRESSURE REGULATING BASKET FILTER (40 PSI)			
◂▸	44-LRC	RAIN BIRD 1" TWO-PIECE QUICK COUPLING VALVE (YELLOW LOCKING RUBBER COVER)			
⋈	T113-K SERIES	NIBCO BRASS GATE VALVE			
▣	975XL2-1.5"/ VIT SBBC-30AL /PBB-30	WILKINS REDUCED PRESSURE BACKFLOW ASSEMBLY WITH VIT STRONGBOX ALUMINUM ENCLOSURE AND FREEZE BLANKET.			
SM	M120-150LNSX-HL	BADGER RECORDALL 1.5" NPT WATER METER INSIDE VALVE BOX			
FS	QS200-15	FLOMEC 1.5" PVC FLOW SENSOR			
MV	3300-1.5"	SUPERIOR MASTER VALVE-1.5" (NORMALLY OPEN)			
C	EGP8-S/ EGP8-OPB(2) EGP-ICENTRAL	RAIN MASTER EAGLE PLUS 24 STA CONVENTIONAL WIRE CONTROLLER IN A STAINLESS STEEL WALL MOUNT ENCLOSURE; INCLUDES I-CARD, CELL COMMUNICATION KIT AND TWO YEARS RAIN MASTER I-CENTRAL SERVICE.			
R	RS-1000	IRRITROL WIRELESS RAIN SENSOR MOUNTED TO BUILDING ROOF EDGE PER MANUFACTURER INSTRUCTIONS			



CONTROLLER AND STATION NUMBER
FLOW (GPM)
REMOTE CONTROL VALVE SIZE (IN INCHES)
ASSOCIATED REMOTE CONTROL VALVE



CONTROLLER AND STATION NUMBER
AREA (SQ. FT.)
FLOW (GPM)
REMOTE CONTROL VALVE SIZE (IN INCHES)
ASSOCIATED REMOTE CONTROL VALVE

DOMESTIC SERVICE LINE (EXISTING)

MAIN LINE: 2" AND SMALLER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 18" COVER.

LATERAL LINE: 3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.

DRIPLINE LATERAL LINE: 3/4". 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.

SLEEVING: SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. COVER TO BE AS INDICATED IN SPECIFICATIONS OR AS INDICATED ABOVE FOR PIPE DEPTH OF COVER.

—CON —CON —CON —

ELECTRICAL CONDUIT: SCHEDULE 40 PVC PLASTIC CONDUIT. REFER TO CONTROLLER DETAIL FOR MORE INFORMATION. 18" COVER.

—FS —FS —FS —

FLOW SENSOR/ MASTER CABLE: APPROXIMATE ROUTING OF FLOW SENSOR AND MASTER VALVE WIRES IN SEPARATE 1" CONDUITS. REFER TO DETAILS FOR MORE INFORMATION. 18" COVER.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

REGISTERED LANDSCAPE ARCHITECT
STEPHEN STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796
ARCH PROJECT NO: 2497.00
DRAWN BY: JB/DM
DRAWING SCALE:
PTN: 61721-99 FILE NO: 7-H4

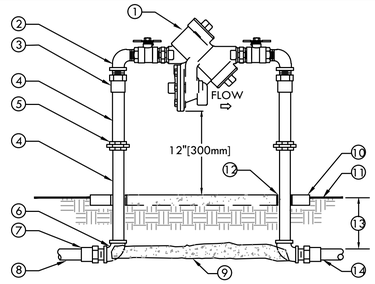
DSA SUBMITTAL
OCTOBER 8, 2026

SHEET TITLE

IRRIGATION NOTES AND LEGEND

SHEET NUMBER

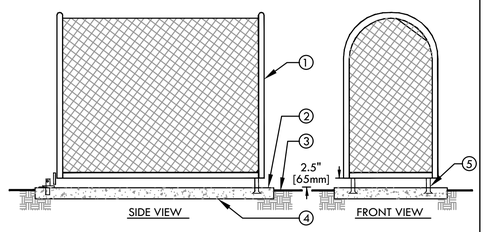
L3.1



1. REDUCED PRESSURE BACKFLOW ASSEMBLY WITH SHUT OFF VALVES
2. BRASS STREET ELBOW (2 TOTAL)
3. WROUGHT COPPER MALE ADAPTER-2 TOTAL
4. COPPER TYPE "K" PIPE (LENGTH AS REQUIRED).
5. COPPER UNION (SWEAT ENDS)- 2 TOTAL
6. WROUGHT COPPER 90° ELBOW-2 TOTAL (SOLDER x THREAD CONNECTION).
7. SCHEDULE 80 PVC MALE ADAPTER-2 TOTAL. BUSH AS NECESSARY FOR SIZE TRANSITION.
8. MAIN LINE TO POINT OF CONNECTION.
9. CONCRETE SUPPORT BLOCK.
10. CONCRETE PAD-SEE ENCLOSURE DETAIL.
11. FINISH GRADE.
12. PVC SLEEVE BOTH SIDES.
13. REFER TO IRRIGATION LEGEND.
14. PVC MAIN LINE TO IRRIGATION SYSTEM.

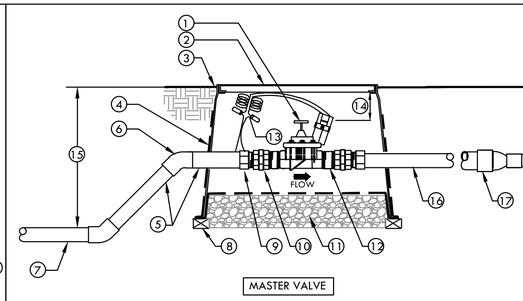
NOTES:
1. INSTALL A FREEZE PREVENTATIVE BLANKET AROUND BACKFLOW ASSEMBLY. BLANKET SHALL BE GREEN.
2. DO NOT SOLDER CONNECT FITTINGS WHILE THREADED INTO BACKFLOW ASSEMBLY. THIS MAY CAUSE DAMAGE TO DEVICE.
3. NIPPLES AND FITTINGS TO BE SAME IPT SIZE AS BACKFLOW ASSEMBLY.
4. PROVIDE A STAINLESS STEEL OR ALUMINUM ENCLOSURE TO COMPLETELY ENCLOSE DEVICE. INSTALL ENCLOSURE TO CONCRETE BASE AS DIRECTED BY MANUFACTURER.

1 REDUCED PRESSURE BACKFLOW ASSEMBLY
SCALE: NONE

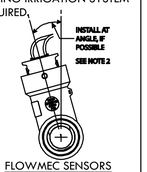


1. STAINLESS STEEL ENCLOSURE TO COMPLETELY ENCLOSE DEVICE
2. SET PAD 1/2" [13MM] ABOVE FINISH GRADE
3. FINISH GRADE
4. 6" [150mm] THICK CONCRETE PAD FOR ENCLOSURE SUPPORT TO EXTEND 6" [150mm] BEYOND ENCLOSURE ON ALL SIDES. CONCRETE TO HAVE MEDIUM BROOM FINISH.
5. MOUNTING BRACKETS (STANDARD WITH ENCLOSURE) TO BE SET INTO CONCRETE PAD. PROVIDE LOCKING TAB TO ACCEPT PADLOCK PER MANUFACTURER'S INSTRUCTION.

2 BACKFLOW ASSEMBLY ENCLOSURE
SCALE: NONE

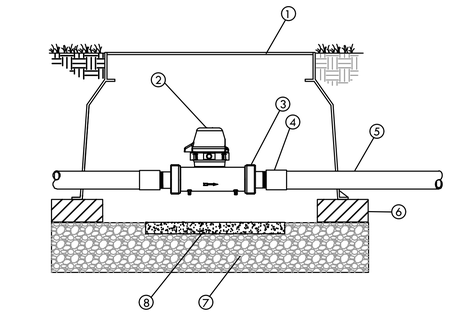


1. MASTER CONTROL VALVE WITH FLOW CONTROL AND MANUAL BLEED (PRESSURE REGULATOR WHERE SHOWN ON PLANS). CENTER WITHIN BOX.
2. 14" X 19" RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
3. FINISH GRADE.
4. 1/2" MESH, 19 GAUGE HOT DIPPED GALVANIZED STEEL WIRE TO COVER VALVE BOX BOTTOM AND CUTOUTS.
5. SCH 80 PVC PIPE. LENGTH AS REQUIRED.
6. SCHEDULE 80 PVC 45° ELBOW (SxS)
7. PVC MAIN LINE FROM BACKFLOW OR PUMP.
8. BRICK-ONE ON EACH CORNER OR THREE FOR ROUND BOXES.
9. SCH 80 PVC MALE ADAPTER- 2 TOTAL.
10. SCHEDULE 80 PVC THREADED UNION-2 TOTAL.
11. PEA GRAVEL OR 3/4" DRAIN ROCK- 4" [100mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).
12. 3" LONG SCHEDULE 80 PVC NIPPLE-2 TOTAL MATCH VALVE SIZE.
13. VALVE CONTROL WIRE- PROVIDE 3M-DBY SEAL PACKS AT ALL SPLICES AND 36" OF EXCESS UF WIRE IN A 1" DIAMETER COIL. FOR TWO-WIRE PROJECTS ROUTE CONDUIT AND TWO CABLE INTO VALVE BOX AND USE DECODER THAT IS COMPATIBLE WITH CONTROLLER AND VALVE.
14. 3" MIN 6" MAX.
15. REFER TO IRRIGATION LEGEND.
16. SCH 80 PVC MAIN LINE TO FLOW SENSOR.
17. IF NECESSARY INSTALL A SCH. 80 REDUCING COUPLING, TYP.
18. 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
19. 18 GAUGE AWG DIRECT BURIAL WIRE. FLOW SENSOR WIRE MUST BE RUN IN 1" PVC CONDUIT FROM FLOW SENSOR TO CONTROLLER ENCLOSURE. PROVIDE 3M-DBY SEAL PACKS AT ALL SPLICES AND 36" OF EXCESS WIRE IN A 1" DIAMETER COIL. FOR TWO-WIRE PROJECTS ROUTE CONDUIT AND TWO CABLE INTO SENSOR BOX AND USE SENSOR DECODER THAT IS COMPATIBLE WITH CONTROLLER AND SENSOR.
20. SCH 40 PVC CONDUIT FOR SENSOR WIRE OR TWO WIRE CABLE FROM CONTROLLER.
21. FLOW SENSOR MUST BE INSTALLED WITH INSERT (TOP) POSITIONED VERTICALLY AND BODY (TEE) POSITIONED HORIZONTALLY. FOR FLOWMEC SENSORS INSTALL ON 45° ANGLE.
22. SCH. 80 REDUCING COUPLING UPSIZING TO MAIN LINE SERVICING IRRIGATION SYSTEM IF REQUIRED.



FLOWMEC SENSORS

3 MASTER VALVE & FLOW SENSOR INSTALLATION
SCALE: NONE

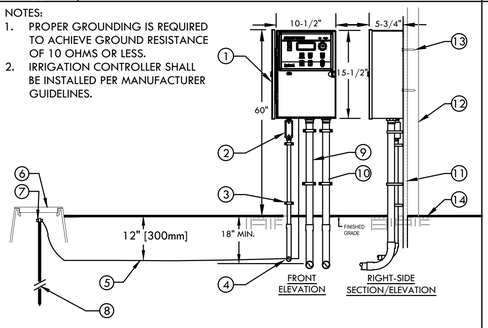


1. VALVE BOX
2. PRIVATE WATER METER (SUB METER)
3. UNION NUT WITH METER
4. SCH 80 FEMALE ADAPTER
5. MAIN LINE PIPE
6. BRICK SUPPORT
7. 1/2" CRUSHED GRAVEL
8. CONCRETE PAVER

NOTE INLET PIPE LENGTH OF WATER METER MUST BE MIN. 10" OF CLEAN RUN OF PIPE, NO FITTINGS OR TURNS. OUTLET PIPE LENGTH OF SENSOR MUST BE A MIN. OF 5" OF STRAIGHT CLEAN RUN OF PIPE, NO FITTINGS OR TURNS.

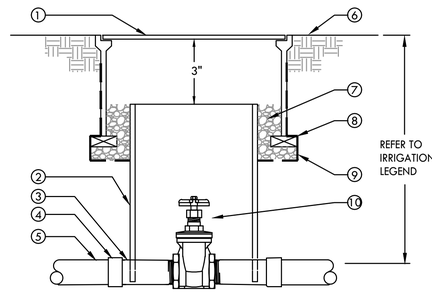
4 SUB METER INSTALALTION
Scale: NONE

NOTES:
1. PROPER GROUNDING IS REQUIRED TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.
2. IRRIGATION CONTROLLER SHALL BE INSTALLED PER MANUFACTURER GUIDELINES.



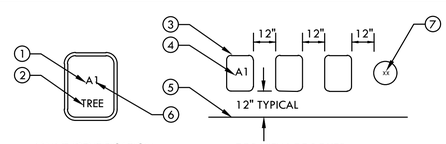
1. EXTERIOR WALL MOUNT IRRIGATION CONTROLLER.
2. 1/2" CONDUIT FOR ELECTRICAL POWER CONDUCTORS PER LOCAL AND NATIONAL CODES.
3. SECURE TO WALL WITH APPROPRIATE PIPE CLAMPS
4. 120 VOLT A.C. ELECTRICAL SERVICE FROM SOURCE TO CONTROLLER LOCATION PROVIDED BY CONTRACTOR. IRRIGATION CONTRACTOR TO PROVIDE RIGID STEEL CONDUIT FROM SERVICE STUB-OUT TO CONTROLLER AND COMPLETE ELECTRICAL SERVICE TO CONTROLLER.
5. #6 BARE COPPER GROUND WIRE.
6. 6" ROUND BLACK PLASTIC BOX WITH T-LID FOR GROUND ROD.
7. CADWELD CONNECTIONS
8. 8' LONG COPPER GROUND ROD. LOCATE A MINIMUM OF 10' AWAY FROM CONTROLLER.
9. 2" SCHEDULE 40 GREY PVC ELECTRICAL CONDUIT WITH SWEEP ELL FOR LOW VOLTAGE WIRES
10. 1" SCHEDULE 40 GREY PVC ELECTRICAL CONDUIT WITH SWEEP ELL FOR SENSOR WIRES
11. EXTERIOR WALL
12. 2X STUD. SEE STRUCTURAL DRAWINGS.
13. #10X3" WOOD SCREW (2 TOTAL).
14. FINISH GRADE.

5 CONTROLLER - EXTERIOR WALL MOUNT
SCALE: NONE



1. 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID.
2. 8" CLASS 160 OR SCHEDULE 40 PVC PIPE (NOTCH TO FIT OVER MAIN LINE PIPE).
3. SCH 80 TOE NIPPLE. 6" IN LENGTH. (2 TOTAL)
4. SCH 80 COUPLING (2 TOTAL)
5. PVC MAIN LINE.
6. FINISH GRADE.
7. PEA GRAVEL OR 3/4" DRAIN ROCK - 4" DEEP (NO SOIL IN VALVE BOX).
8. BRICK-2 TOTAL.
9. 19 GAUGE 1/2" SQUARE WIRE MESH. WRAP UP SIDES OF BOX.
10. GATE VALVE WITH X-TOP HANDLE.

6 GATE VALVE - 3" AND SMALLER
SCALE: NONE



VALVE IDENTIFICATION

1. CONTROLLER ID.
2. ALL TREE VALVES TO HAVE TREE BRANDED INTO LID.
3. RECTANGULAR VALVE BOX.
4. HEAT BRAND VALVE TYPE PER TABLE OR CONTROLLER ID AND STATION NUMBER INTO LID.
5. EDGE OF LAWN, WALK, FENCE, CURB, ETC.
6. STATION NUMBER.
7. ROUND VALVE BOX FOR QCV AND GATE VALVE. HEAT BRAND VALVE TYPE INTO INTO LID PER TABLE.

TOP VIEW OF BOXES

ITEMS TO BRAND:	BRAND CODE
GATE VALVE	GV
PRESSURE REDUCER	PRV
MASTER VALVE	MV
FLOW SENSOR	FS
HYDROMETER	HM
MAIN LINE AIR RELIEF	ARV
REMOTE CONTROL VALVE	A___
QUICK COUPLER	QC
SPLICE BOX	SB
PULL BOX	PB
LIGHTNING ARRESTOR	LA
GROUND ROD	GR

INSTRUCTIONS:
1. CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE.
2. SET BOXES 1" ABOVE FINISH GRADE OR MULCH COVER IN GROUND COVER/SHRUB AREA AND FLUSH WITH FINISH GRADE IN TURF AREA.
3. SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREA WHERE POSSIBLE. INSTALL IN LAWN ONLY IF GROUND COVER DOES NOT EXIST ADJACENT TO LAWN.
4. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF LAWN, WALK, FENCE, CURB, ETC.
5. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
6. INSTALL EXTENSION BY VALVE BOX MANUFACTURER AS REQUIRED TO COMPLETELY ENCLOSE ASSEMBLY FOR EASY ACCESS.

7 VALVE BOX INSTALLATION
SCALE: NONE

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, Inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

REGISTERED LANDSCAPE ARCHITECT
GREGORY STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

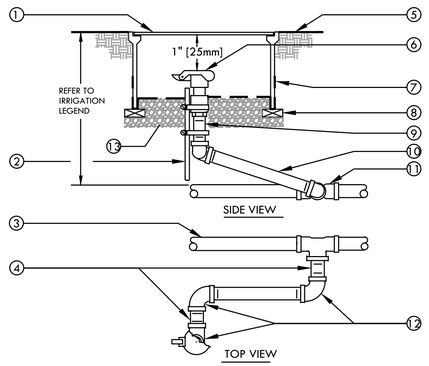
LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796
ARCH PROJECT NO: 2497.00
DRAWN BY: JB/DM
DRAWING SCALE:
PTN: 61721-99 FILE NO: 7-H4
DSA SUBMITTAL
OCTOBER 8, 2026
SHEET TITLE

IRRIGATION DETAILS

SHEET NUMBER
L3.2

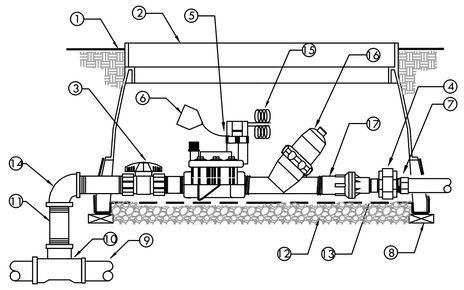


1. 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID.
2. 1 1/4" x 1 1/4" x 3/16" [30mm x 30mm x 5mm] ANGLE IRON 30" [760mm] LONG W/2 STAINLESS STEEL STRAPS (ONE AROUND QCV).
3. PVC MAIN LINE.
4. 3" [75mm] LONG SCHEDULE 80 PVC THREADED NIPPLE.
5. FINISH GRADE.
6. QUICK COUPLING VALVE.

NOTE:
NIPPLES AND FITTINGS TO BE SAME SIZE AS VALVE IPT INLET THREAD SIZE.

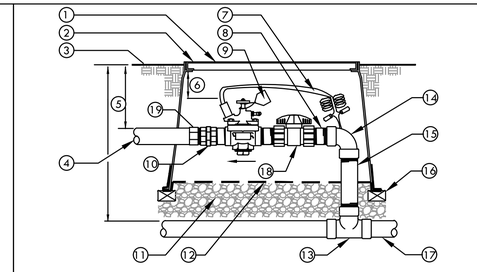
7. 19 GAUGE 1/2" [13mm] SQUARE WIRE MESH.
8. BRICK - 2 TOTAL.
9. SCHEDULE 80 PVC THREADED NIPPLE.
10. 10" [250mm] LONG SCHEDULE 80 PVC THREADED NIPPLE.
11. UPC APPROVED SCHEDULE 40 PVC TEE OR ELBOW.
12. SCHEDULE 80 PVC THREADED 90° ELL.
13. PEA GRAVEL OR 3/4" DRAIN ROCK- 4" [100mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).

1 QUICK COUPLING VALVE
SCALE: NONE



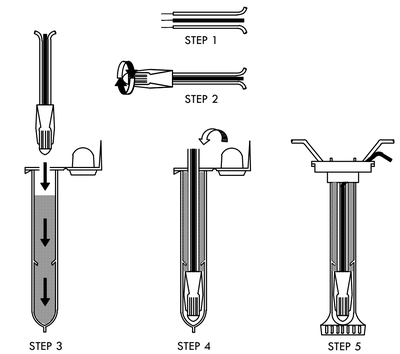
1. FINISH GRADE
2. RECTANGULAR JUMBO PLASTIC VALVE BOX WITH BOLT DOWN LID. ONE VALVE PER BOX- NO EXCEPTIONS. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
3. SCHEDULE 80 PVC UNION BALL VALVE (ONE PER VALVE)
4. SCHEDULE 80 PVC THREADED UNION
5. REMOTE CONTROL VALVE
6. VALVE I.D. TAG (CONTROLLER AND STATION NUMBER).
7. SCHEDULE 40 MALE ADAPTER
8. BRICK-1 EACH CORNER.
9. PVC MAIN LINE.
10. SCHEDULE 40 OR 80 PVC TEE. REFER TO LEGEND FOR TYPE.
11. SCHEDULE 80 PVC NIPPLE-(4-TOTAL) LENGTH AS REQUIRED.
12. PEA GRAVEL OR 3/4" [20mm] DRAIN ROCK - 4" [102mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).
13. 19 GAUGE 1/2" [13mm] SQUARE WIRE MESH.
14. SCHEDULE 80 PVC 90° ELBOW (TxT).
15. VALVE CONTROL WIRE- PROVIDE 3M-DBY SEAL PACKS AT ALL SPLICES AND 3' [1m] OF EXCESS UF WIRE IN A 1" [25mm] DIAMETER COIL.
16. DISC FILTER
17. PRESSURE REGULATOR (40 PSI)

2 REMOTE CONTROL VALVE (DRIPZONE)
SCALE: NONE



1. REMOTE CONTROL VALVE WITH FLOW CONTROL AND MANUAL BLEED (PRESSURE REGULATOR WHERE SHOWN ON PLANS).
2. USE A NDS PRO SERIES 14" X 19" RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID FOR 1" VALVES. FOR 1.5" AND LARGER VALVES INSTALL BALL VALVE WITHIN A SEPARATE 10" ROUND BOX OR ONE BALL VALVE PER MANIFOLD OF VALVES. GATE VALVE SIZE SHALL BE SAME AS LARGEST VALVE WITHIN MANIFOLD. ONE VALVE PER BOX- NO EXCEPTIONS. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
3. FINISH GRADE.
4. PVC LATERAL LINE.
5. REFER TO IRRIGATION SPECS.
6. 3" [75mm] MIN, 6" [150mm] MAX.
7. VALVE CONTROL WIRE- PROVIDE SEAL PACKS AT ALL SPLICES AND 3' [1m] OF EXCESS UF WIRE IN A 1" [25mm] DIAMETER COIL.
8. SCHEDULE 80 PVC NIPPLE (3 TOTAL).
9. VALVE I.D. TAG (CONTROLLER AND STATION NUMBER).
10. SCHEDULE 80 PVC THREADED UNION.
11. PEA GRAVEL OR 3/4" DRAIN ROCK- 4" [100mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).
12. 19 GAUGE 1/2" [12mm] SQUARE WIRE MESH.
13. SCHEDULE 40 OR 80 PVC TEE. REFER TO LEGEND FOR TYPE.
14. SCHEDULE 80 PVC 90° ELBOW (TxT).
15. SCHEDULE 80 PVC NIPPLE- LENGTH AS REQUIRED.
16. BRICK-1 EACH CORNER.
17. PVC MAIN LINE.
18. SCHEDULE 80 PVC UNION BALL VALVE (ONE PER VALVE).
19. SCHEDULE 40 MALE ADAPTER

3 REMOTE CONTROL VALVE
SCALE: NONE

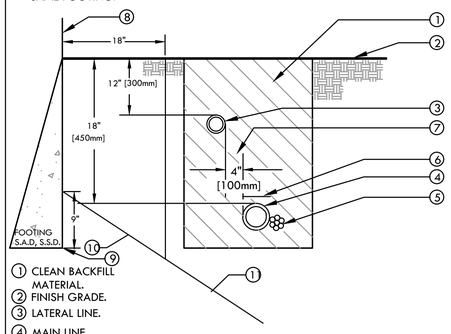


NOTE:
MAXIMUM # OF WIRES PER CONNECTOR:
- 3-#14 GAUGE
- 2-#12 GAUGE

INSTRUCTIONS:
1. STRIP WIRES APPROXIMATELY 1/2" FROM ENDS TO EXPOSE WIRE.
2. TWIST CONNECTOR AROUND WIRES CLOCKWISE UNTIL HAND TIGHT, DO NOT OVERTIGHTEN.
3. INSERT WIRE ASSEMBLY TO BOTTOM OF GEL-FILLED TUBE. CHECK TO MAKE SURE CONNECTOR HAS BEEN PUSHED PAST LOCKING FINGERS AND IS SEATED AT THE BOTTOM OF THE TUBE.
4. PLACE WIRES WHICH EXIT TUBE IN WIRE EXIT HOLES AND CLOSE CAP UNTIL IT SNAPS.
5. INSPECT FINAL SPLICE ASSEMBLY THAT IT IS SECURED.

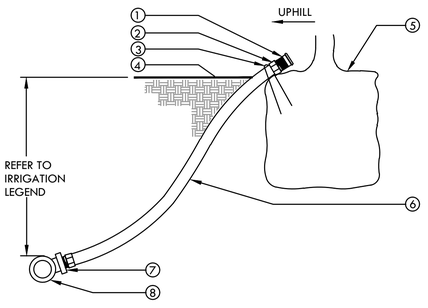
4 WEATHERPROOF WIRE SPLICE ASSEMBLY
SCALE: NONE

NOTES:
1. ALL MAIN SUPPLY LINES AND LATERAL LINES SHALL BE PLACED IN SLEEVES UNDER PAVED SURFACES. INSTALL LOW VOLTAGE WIRES WITHIN A SEPARATE CONDUIT UNDER PAVED SURFACES. DO NOT TAPE WIRES WITHIN CONDUIT.
2. TRENCHES SHALL NOT BE BELOW A PLANE HAVING A DOWNWARD SLOPE OF 1 UNIT VERTICAL TO 2 UNITS HORIZONTAL FROM A LINE 9 INCHES ABOVE THE BOTTOM OF THE ADJACENT FOOTING AND NOT CLOSER THAN 18 INCHES FROM THE FACE OF THE SAME FOOTING.



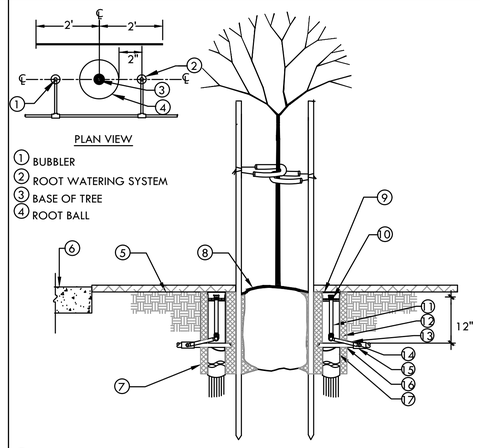
1. CLEAN BACKFILL MATERIAL.
2. FINISH GRADE.
3. LATERAL LINE.
4. MAIN LINE.
5. LOW VOLTAGE CONTROL WIRE. TAPE AND BUNDLE TUBING OR WIRING AT 10 FT. INTERVALS. WIRING SHALL BE LAID OUT LOOSELY IN THE TRENCH.
6. 2" DETECTABLE WARNING TAPE OVER MAIN LINE - 3" [75mm] ABOVE PIPE. USE CHRISTY MODEL #TA-DT-2-BIRR FOR POTABLE IRRIGATION SYSTEMS OR #TA-DT-2-PIRR FOR RECYCLED IRRIGATION WATER SYSTEMS
7. TYPICAL DISTANCE BETWEEN PIPES.
8. FACE OF BUILDING FOUNDATION ADJACENT TO TRENCH. NO TRENCHING WITHIN 18".
9. BOTTOM OF ADJACENT FOOTING.
10. 1V:2h SPHERE OF INFLUENCE
11. TRENCH CLEAR ZONE PER CBC 1809A.14

5 TRENCHING CLEARANCE FROM BUILDING FOOTING
SCALE: NONE



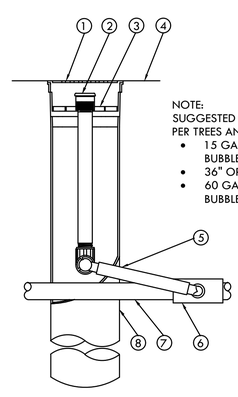
1. BUBBLER (TO BE INSTALLED ON TOP OF ROOTBALL).
2. 1/2" SCH. 40 MALE ADAPTER (2 TOTAL).
3. 6" STAPLE.
4. FINISH GRADE.
5. SHRUB ROOTBALL.
6. 1/2" IPS FLEXIBLE PVC. USE WELD-ON 795 SOLVENT CEMENT OR EQUAL WHEN BONDING PVC HOSE TO FITTINGS.
7. PVC TEE (SST), ELBOW (ST) OR FEMALE ADAPTER.
8. PVC LATERAL LINE.

6 SHRUB BUBBLER
SCALE: NONE



1. BUBBLER
2. ROOT WATERING SYSTEM
3. BASE OF TREE
4. ROOT BALL
5. FINISH GRADE
6. ADJACENT HARDSCAPE WHERE OCCURS
7. BACK FILL MIX - REFER TO PLANTING PLANS
8. ROOT BALL
9. 4-INCH GRATE
10. BUBBLER
11. 10" X 1/2" PVC SCH 80 NIPPLE
12. 1/2-INCH 90-DEGREE ELBOW
13. 12-INCH SWING ASSEMBLY
14. 1/2-INCH MALE NPT INLET
15. PVC SCH 40 TEE OR ELBOW
16. LATERAL PIPE
17. 4-INCH BASKET WEAVE CANISTER 36" LONG FILLED WITH PEA GRAVEL AND WRAPPED IN FILTER FABRIC

7 ROOT WATERING SYSTEM AT TREES
SCALE: NONE



NOTE:
SUGGESTED QUANTITY OF BUBBLERS PER TREES AND SHRUBS SIZE:
- 15 GAL OR 24" BOX = 2 BUBBLERS
- 36" OR 48" BOX = 4 BUBBLERS
- 60 GAL OR 72" BOX = 6 BUBBLERS

1. GRATE (INCLUDED)
2. BUBBLER: (INCLUDED)
3. ROOT ZONE WATERING SYSTEM: (INCLUDES 0.50 GPM BUBBLER WITH RISER, GRATE, SWING ASSEMBLY, 1/2" MALE NPT INLET, AND BASKET CANISTER)
4. FINISH GRADE
5. SWING JOINT
6. PVC SCH 40 TEE OR ELL
7. LATERAL PIPE
8. 4-INCH BASKET WEAVE CANISTER (INCLUDED)

8 ROOT ZONE WATERING SYSTEM TREE BUBBLER
SCALE: NONE

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

REGISTERED LANDSCAPE ARCHITECT — GREGORY STRANZL — No. 2790 Exp. 10-31-28 — STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796
ARCH PROJECT NO: 2497.00
DRAWN BY: JB/DM
DRAWING SCALE:
PTN: 61721-99 FILE NO: 7-H4

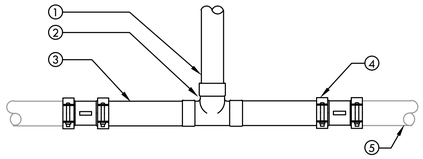
DSA SUBMITTAL
OCTOBER 8, 2026

SHEET TITLE

IRRIGATION DETAILS

SHEET NUMBER

L3.3

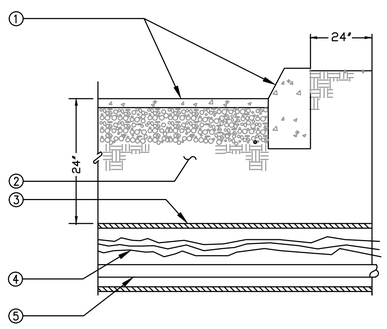


1. NEW SECTION OF CLASS 315 PVC MAIN LINE
2. SCH 80 PVC TEE (SxSxS)
3. CLASS 315 PVC PIPE (6" IN LENGTH)
4. HYMAX REPAIR COUPLING- MATCH EXISTING MAIN LINE SIZE (2 TOTAL)
5. EXISTING MAIN LINE.

1 TEE CONNECTION TO EXISTING MAIN LINE

SCALE: NONE

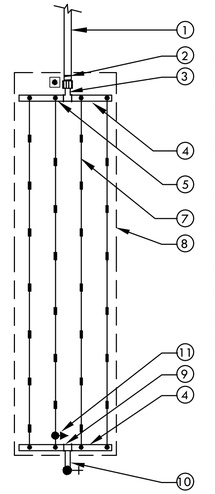
NOTES:
1. SLEEVE IS TO EXTEND 24" BEYOND CURB OR SIDEWALK PAVING



1. PAVING AND CURBING–SEE CIVIL DRAWING
2. COMPACTED SUBGRADE
3. IRRIGATION SLEEVE
4. IRRIGATION CONTROL WIRING
5. IRRIGATION LINE

2 SLEEVING INSTALLATION

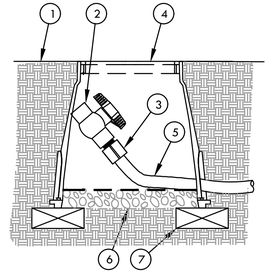
SCALE: NONE
DET: SLEEVE



1. PVC LATERAL LINE FROM DRIP ZONE KIT.
2. 3/4" SCH. 80 MALE ADAPTER
3. TORO 5/8" FHT SWIVEL TEE, PART #T-FTS16-1
4. PVC FLUSH MANIFOLD. MINIMUM SIZE TO BE 3/4" UNLESS OTHERWISE NOTED.
5. MANIFOLD-TO-ELBOW CONNECTION (TYP).
7. TORO DL2000 SERIES DRIPLINE WITH DL2000 INSERT FITTINGS, PART #RGP-412.
8. AREA PERIMETER.
9. TORO TRI-LOC TEE.
10. FLUSH VALVE.
11. AIR RELIEF VALVE.

3 TORO DL2000 LAYOUT AT PLANTERS

SCALE: NONE

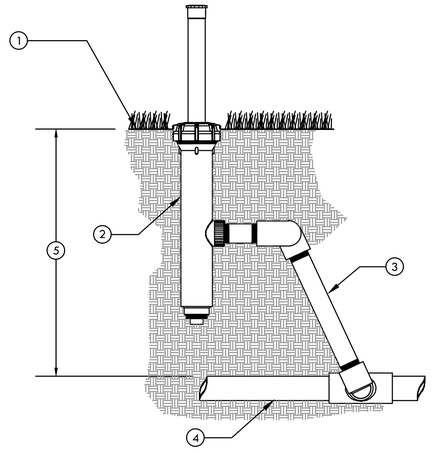


NOTE:
ALLOW A 12" MINIMUM OF PVC HOSE IN VALVE BOX IN ORDER TO DIRECT FLUSHED WATER OUTSIDE VALVE BOX.

1. FINISH GRADE
2. 1/2" SCH 40 THREADED BALL VALVE.
3. 1/2" SCH 40 MALE ADAPTER.
4. 6" ROUND PLASTIC VALVE BOX.
5. 1" IPS PVC HOSE FROM EXHAUST HEADER OR BLANK DRIP TUBING.
6. PEA GRAVEL SUMP (6" DEEP).
7. BRICK (1 OF 2)

4 DRIPLINE-FLUSH POINT

SCALE: NONE

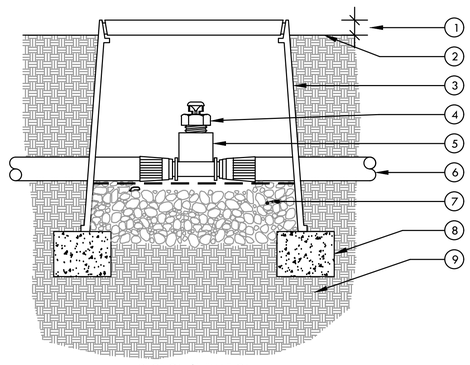


1. FINISH GRADE.
2. 570 POP-UP DRIP OPERATION INDICATOR ASSEMBLY (TORO MODEL 570-DRIP-IND) INSTALLED AT FURTHEST POINT DOWNSTREAM OF ZONE VALVE.
3. PVC OR SWING PIPE SWING JOINT ASSEMBLY.
4. PVC DRIP ZONE FOOTER.
5. DEPTH OF PVC LINE PER SPECIFICATIONS.

NOTE: TEFLON TAPE ALL THREADED JOINTS

5 570 POP-UP DRIP OPERATION INDICATOR

SCALE: NONE



SECTION/ELEVATION

NOTE:
USE ONE AIR/RELIEF VALVE FOR EVERY 7 GPM PER ZONE. LOCATE AT HIGH POINTS.

1. 1" ABOVE FINISH GRADE.
2. FINISH GRADE.
3. 6" ROUND PLASTIC VALVE BOX. HEAT BRAND "AR" ON LID IN 1" HIGH CHARACTERS.
4. TORO DL2000 AIR/VACUUM RELIEF VALVE (YD-500-34).
5. TORO TRI-LOC TEE X 1/2" FPT ADAPTER (TL-T-F50)
6. TORO DL2000 TUBING/ AIR-RELIEF LATERAL.
7. PEA GRAVEL (4" DEEP).
8. BRICK SUPPORTS (2 COMMON BRICKS REQUIRED).
9. NATIVE SOIL PER SPECIFICATIONS.

6 AIR VACUUM RELIEF VALVE IN DRIPLINE

SCALE: NONE

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, Inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

REGISTERED LANDSCAPE ARCHITECT
GREGORY STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO: 2497.00
DRAWN BY: JB/DM
DRAWING SCALE:
PTN: 61721-99 FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

SHEET TITLE

IRRIGATION DETAILS

SHEET NUMBER

L3.4

IRRIGATION PRESSURE LOSS CALCULATION

JOB NAME:	LUHSD Gateway
DATE:	7/13/26
METER # OR LOCATION	See Plan
ELEVATION AT METER (FT)	75
STATIC PRESSURE AT METER (PSI)	62

WORST CASE VALVE(S) SCENARIO	
REMOTE CONTROL VALVE #	C-16
RCV FLOW (GPM)	12
ELEVATION AT RCV	75

Item	Type	Size (in.)	Length (ft.)	x	Loss/100'		PSI Loss
SERVICE LINE	COPPER	2	20	x	0.18	=	0.04
WATER METER	DISC	1.5				=	0.40
BACKFLOW (X2)	BRASS	2				=	24
INLET PRESSURE INTO PUMP/MV					37.6		
MASTER VALVE	C.I/BRASS	1.5				=	0.5
FLOW SENSOR	PVC	1.5				=	0.1
SUB METER	BRASS	1.5				=	0.5
MAIN LINE:	SCH 40	2	460	x	0.12	=	0.6
EST. FITTING LOSS	PVC				10%	=	0.2
ELEVATION CHANGE FROM POC	Feet +/-						
TO RCV:	0	x .433 PSI				=	0.0
					TOTAL LOSS TO RCV	=	26.2
STATIC PRESSURE AT POC (PSI):	62.0	-LOSS:	26.2		=DYNAMIC PSI @ RCV:		35.8

Item	Type	Size (in.)			Loss	=	PSI Loss
RCV:	PLASTIC	1			2.0	=	2.0
LATERAL LINE	PVC	VARIES			3.0	=	3.0
EST. FITTING LOSS	PVC				10%	=	0.5
ELEVATION CHANGE FROM RCV	Feet +/-						
TO SPRINKLER:	0	x .433 PSI				=	0.0
			TOTAL LOSS (RCV TO SPRINKLER)			=	5.5
					TOTAL SYSTEM LOSS (PSI	=	31.7
		MINIMUM PRESSURE REQ. AT SPRINKLER (PSI)				=	30.0
					STATIC PRESSURE @ POC	=	62.0
					DYN PRESSURE @ SPRINKLER	=	**30.3**
					EXCESS OR (DEFICIT) PRESSURE	=	**0.3**
					BOOSTER PUMP REQUIREMENT	=	0
					BOOST REQUIRED	=	No

WATER USE ESTIMATION & IRRIGATION SCHEDULE - CONTROLLER C

WATER TYPE	POTABLE
CITY	Brentwood
ETO	48.2
DATE	7/9/2026

Nearest City to project with published ET data

REGULAR LANDSCAPE AREAS

STATION/HYDROZONE	GPM	AREA (sq.ft) (HA)	WATER USE TYPE (LW=LOW, MW=MOD, HW=HIGH)	PLANT TYPE	IRRIGATION TYPE	PLANT FACTOR (PF)	IRRIGATION EFFICIENCY (IE)	PRECIP. RATE/ APPLICATION RATE (IN/HR)	ETAF (PF/IE)	CYCLES PER DAY	DAYS PER WEEK	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	ETWU (GALLONS PER YEAR)	PERCENTAGE OF LANDSCAPE
												MONTHLY ETO													
												1.0	1.5	2.9	4.5	6.1	7.1	7.9	6.7	5.2	3.2	1.4	0.7		
												TOTAL RUN TIME IN MINUTES PER DAY													
C-1	12	810	LW	SHRUB GC LW	BUBBLER (SHRUB)	0.3	0.81	1.91	0.4	2	3	0.0	0.0	3.0	4.0	6.0	7.0	7.0	6.0	5.0	3.0	2.0	0.0	8,965	7%
C-2	6	880	LW	TREE LW	BUBBLER (TREE) 0.5 GPM	0.3	0.81	0.85	0.4	2	2	0.0	0.0	9.0	14.0	19.0	21.0	24.0	20.0	16.0	10.0	5.0	0.0	9,740	8%
C-3	4	292	HW	VEGETABLE HW	DRIP LINE 12"	0.8	0.81	0.9	1.0	2	4	0.0	0.0	11.0	17.0	23.0	27.0	30.0	25.0	20.0	12.0	6.0	0.0	8,618	3%
C-4	12	810	MW	SHRUB GC MW	BUBBLER (SHRUB)	0.5	0.81	1.91	0.6	2	3	0.0	0.0	5.0	7.0	9.0	11.0	12.0	10.0	8.0	5.0	3.0	0.0	14,942	7%
C-5	12	828	LW	SHRUB GC LW	BUBBLER (SHRUB)	0.3	0.81	1.91	0.4	2	3	0.0	0.0	3.0	4.0	6.0	7.0	7.0	6.0	5.0	3.0	2.0	0.0	9,164	7%
C-6	5	324	LW	SHRUB GC LW	BUBBLER (SHRUB)	0.3	0.81	1.91	0.4	2	3	0.0	0.0	3.0	4.0	6.0	7.0	7.0	6.0	5.0	3.0	2.0	0.0	3,586	3%
C-7	6	414	LW	SHRUB GC LW	BUBBLER (SHRUB)	0.3	0.81	1.91	0.4	2	3	0.0	0.0	3.0	4.0	6.0	7.0	7.0	6.0	5.0	3.0	2.0	0.0	4,582	4%
C-8	4	480	LW	TREE LW	BUBBLER (TREE) 0.5 GPM	0.3	0.81	0.85	0.4	2	2	0.0	0.0	9.0	14.0	19.0	21.0	24.0	20.0	16.0	10.0	5.0	0.0	5,313	4%
C-9	17	1170	LW	SHRUB GC LW	BUBBLER (SHRUB)	0.3	0.81	1.91	0.4	2	3	0.0	0.0	3.0	4.0	6.0	7.0	7.0	6.0	5.0	3.0	2.0	0.0	12,950	10%
C-10	12	846	MW	SHRUB GC MW	BUBBLER (SHRUB)	0.5	0.81	1.91	0.6	2	3	0.0	0.0	5.0	7.0	9.0	11.0	12.0	10.0	8.0	5.0	3.0	0.0	15,606	7%
C-11	4	480	LW	TREE LW	BUBBLER (TREE) 0.5 GPM	0.3	0.81	0.85	0.4	2	2	0.0	0.0	9.0	14.0	19.0	21.0	24.0	20.0	16.0	10.0	5.0	0.0	5,313	4%
C-12	9	612	LW	BIOSWALE LW	BUBBLER (SHRUB)	0.3	0.81	1.91	0.4	2	3	0.0	0.0	3.0	4.0	6.0	7.0	7.0	6.0	5.0	3.0	2.0	0.0	6,774	5%
C-13	3	612	LW	TREE LW	BUBBLER (TREE) 0.5 GPM	0.3	0.81	0.85	0.4	2	2	0.0	0.0	9.0	14.0	19.0	21.0	24.0	20.0	16.0	10.0	5.0	0.0	6,774	5%
C-14	13	1008	LW	SHRUB GC LW	BUBBLER (SHRUB)	0.3	0.81	1.91	0.4	2	3	0.0	0.0	3.0	4.0	6.0	7.0	7.0	6.0	5.0	3.0	2.0	0.0	11,157	9%
C-15	7	522	LW	SHRUB GC LW	BUBBLER (SHRUB)	0.3	0.81	1.91	0.4	2	3	0.0	0.0	3.0	4.0	6.0	7.0	7.0	6.0	5.0	3.0	2.0	0.0	5,778	5%
C-16	10	720	LW	BIOSWALE LW	BUBBLER (SHRUB)	0.3	0.81	1.91	0.4	2	3	0.0	0.0	3.0	4.0	6.0	7.0	7.0	6.0	5.0	3.0	2.0	0.0	7,969	6%
C-17	1	160	LW	TREE LW	BUBBLER (TREE) 0.5 GPM	0.3	0.81	0.85	0.4	2	2	0.0	0.0	9.0	14.0	19.0	21.0	24.0	20.0	16.0	10.0	5.0	0.0	1,771	1%
C-18	5	342	LW	SHRUB GC LW	BUBBLER (SHRUB)	0.3	0.81	1.91	0.4	2	3	0.0	0.0	3.0	4.0	6.0	7.0	7.0	6.0	5.0	3.0	2.0	0.0	3,785	3%
C-19	4	288	LW	BIOSWALE LW	BUBBLER (SHRUB)	0.3	0.81	1.91	0.4	2	3	0.0	0.0	3.0	4.0	6.0	7.0	7.0	6.0	5.0	3.0	2.0	0.0	3,188	2%
	TOTAL	11,598																					TOTAL	145,974	100%

SPECIAL LANDSCAPE AREAS

HYDROZONE #	HYDROZONE NAME	AREA (sq.ft) (HA)	Percentage of Landscape
A	Garden	292	3%
			0%

THE IRRIGATION VALVE SCHEDULE SHOWN ABOVE IS INTENDED TO BE USED AS A GUIDELINE ONLY AND INDICATES THE APPROXIMATE RUN TIMES IN MINUTES FOR EACH VALVE BASED ON ESTIMATED WEEKLY WATER REQUIREMENTS FOR ESTABLISHED PLANT MATERIAL. THE TIMES SHOWN ARE APPROXIMATE AND HAVE BEEN DEVELOPED FROM LOCAL AND CURRENT AVERAGES FOR EVAPOTRANSPIRATION, AND REFLECTTHE WATER REQUIREMENTS OF THE PLANT MATERIAL BASED ON PLANT TYPE AND THE APPROXIMATE PRECIPITATION OR APPLICATION RATES OF THE IRRIGATION SYSTEM TYPE. ACTUAL RUN TIMES MAY BE DIFFERENT DEPENDING ON A VARIETY OF FACTORS INCLUDING TOPOGRAPHY, SOIL STRUCTURE, SUN AND WIND EXPOSURE, WEATHER, ACTUAL PLANT WATER REQUIREMENTS, OVERALL PRECIPITATION RATE OF ZONE, ETC.

MAWA		
	GALLONS/YR	160,767
	ACRE FEET/YR	0.49
	HCF/YR	214.93

ETWU		
	GALLONS/YR	145,974
	ACRE FEET/YR	0.45
	HCF/YR	195.15

MAWA FORMULA
MAXIMUM APPLIED WATER ALLOWANCE (MAWA) GALLONS PER YEAR
MAWA = (ETo)(0.62)[(LA x 0.45) + (0.55 x SLA)]

ETo = REFERENCE EVAPOTRANSPIRATION

0.45= ET ADJUSTMENT FACTOR

LA=LANDSCAPED AREA (SQUARE FEET)

0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR)

ETWU FORMULA
ESTIMATED TOTAL WATER USE (ETWU) GALLONS PER YEAR
ETWU= ((ETO)(.62)(ETAF x LA))

ETo = REFERENCE EVAPOTRANSPIRATION

PF = PLANT FACTOR FOR HYDROZONES

HA = HYDROZONE AREA (SQ.FT)

0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR)

IE = IRRIGATION EFFICIENCY (0.81)-BUBBLER/DRIP

IE = IRRIGATION EFFICIENCY (0.75)-ROTORS/SPRAY

SITE IRRIGATION EFFICIENCY	SITE PLANT FACTOR	MAWA COMPLIANT
7.7%	0.03	YES

ETAF Calculations	
REGULAR LANDSCAPE AREAS	
TOTAL ETAF x AREA	407
TOTAL AREA	11,598
AVG. ETAF	3.51%

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, Inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

LICENSED LANDSCAPE ARCHITECT
STEPHEN STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO: 2497.00

DRAWN BY: JB/DM

DRAWING SCALE:

PTN: 61721-99 FILE NO: 7-H4

DSA SUBMITTAL

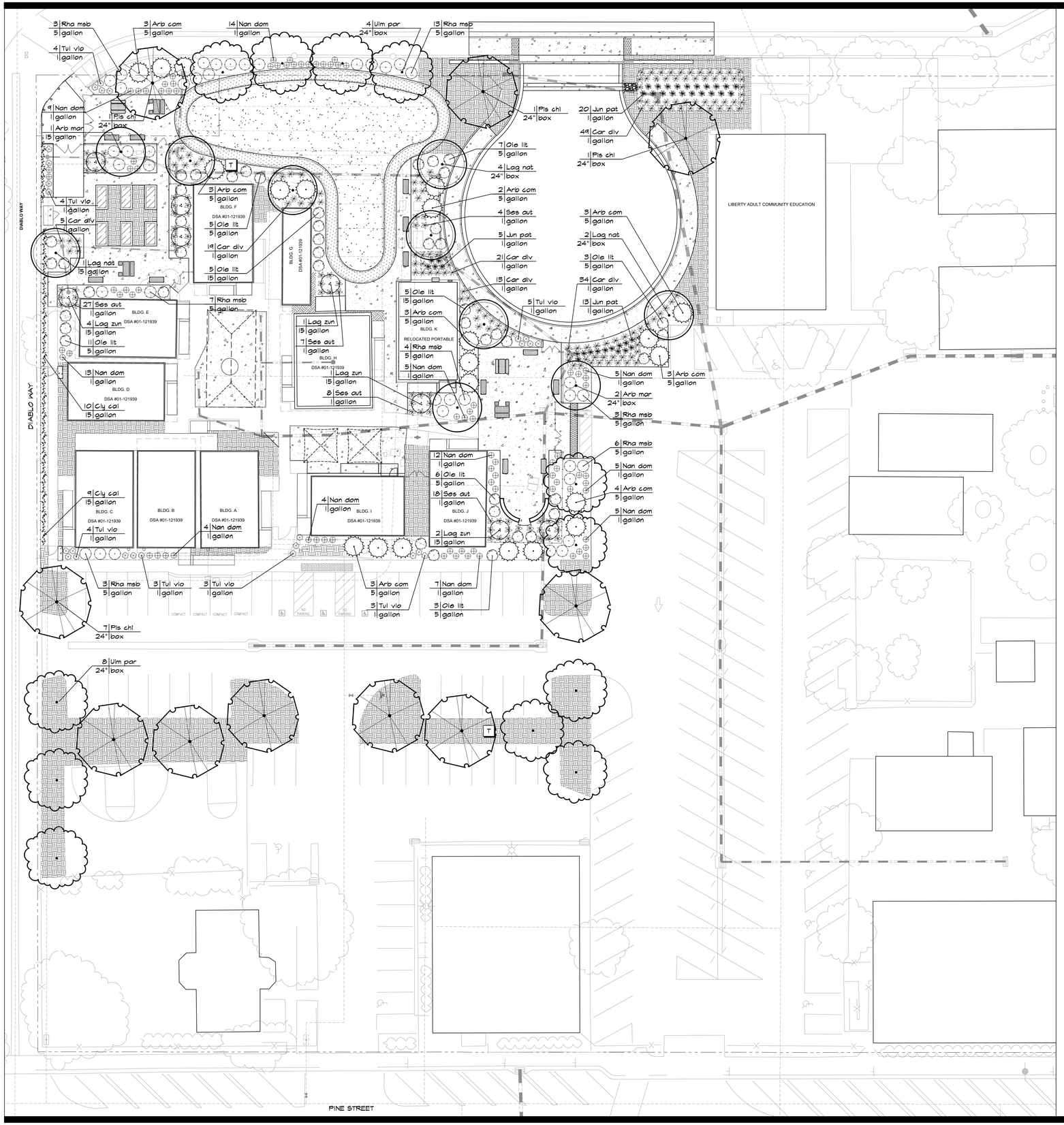
OCTOBER 8, 2026

SHEET TITLE

IRRIGATION CALCULATIONS

SHEET NUMBER

L3.5



PLANT LEGEND

SYMBOL	CODE	BOTANICAL NAME COMMON NAME	SIZE	WATER USE	QUANTITY
TREES					
	Arb mar	Arbutus 'Marina' Marina Madrone	24" box	L	3
	Lag nat	Lagerstroemia 'Natchez' Natchez Crape Myrtle	24" box	VL	7
	Pis chi	Pistacia chinensis 'Red Push' Red Push Chinese Pistache	24" box	L	10
	Ulm par	Ulmus parvifolia 'True Green' True Green Chinese Elm	24" box	L	12
SHRUBS, GROUNDCOVER, GRASSES					
	Arb com	Arbutus unedo 'Compacta' Compact Strawberry Tree	5 gallon	L	21
	Car div	Carex divulsa Grey Sedge	1 gallon	L	141
	Jun pat	Juncus patens California Gray Rush	1 gallon	L	38
	Lag zun	Lagerstroemia indica x fauriei 'Zuni' Zuni Crape Myrtle - Multitrunk	15 gallon	L	8
	Nan dom	Nandina domestica 'Gulf Stream' Gulf Stream Heavenly Bamboo	1 gallon	L	83
	Ole lit	Olea europa 'Little Ollie' Fruitless Dwarf Olive	5 gallon	L	45
	Rha msb	Rhamnus californica 'Mound San Bruno' Mound San Bruno Coffeeberry	5 gallon	L	39
	Ses aut	Sesleria autumnalis Autumn Moor Grass	1 gallon	M	64
	Thu vio	Tulbaghia violacea Society Garlic	1 gallon	L	26
VINE					
	Cly cal	Clytostoma callistegioides Lavender Trumpet Vine	15 gallon	M	19

Planters: Provide and install 1/2" Mesh T316 welded stainless steel 0.047" wire diameter, inside of planters at surrounding finish grade elevation and extend up all interior sides 6" minimum. Provide and install Planter Mix, filled from surrounding finish grade to top of planters, available from Zanker Landscape Materials with Lab Recommended Amendments, or approved equal. See Planting Notes on L4.1 for mulch type.

Landscape Mulch (shown graphically for areas not planted). Remove weeds, mulch, and debris, and fine grade. Provide and install weed fabric and new landscape mulch. See Planting Notes on L4.1 for mulch type.

T — Soil test location. See Soil Management Notes on Sheet L4.1 for more information.

NORTH

0 20' 40'

SCALE: 1" = 20'

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, Inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

REGISTERED LANDSCAPE ARCHITECT
GREGORY STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO: 2497.00
DRAWN BY: BTI/ECD
DRAWING SCALE:
PTN: 61721-99 FILE NO: 7-H4

DSA SUBMITTAL

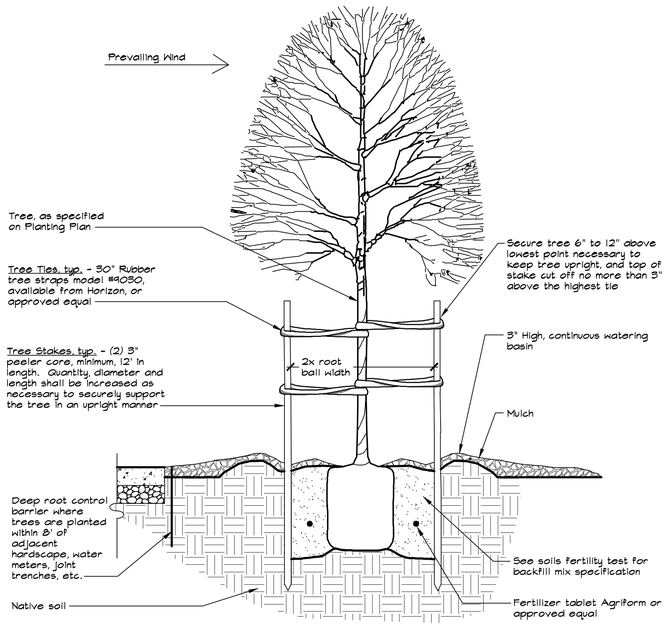
OCTOBER 8, 2026

SHEET TITLE

PLANTING PLAN

SHEET NUMBER

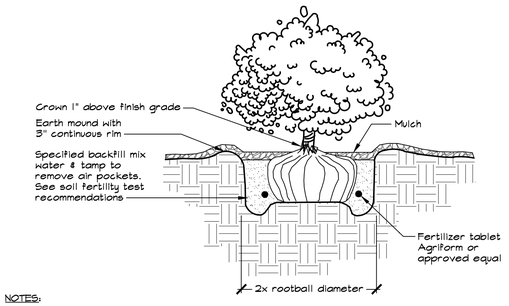
L4.0



NOTES:

1. Root ball shall rest on undisturbed soil.
2. Plant tablets shall be equally spaced around root ball. The number of tablets shall be 4 for 15 gallon and 6 for 24", 36" box, or as specified in the soils fertility test recommendations.
3. Contractor shall water planting pit thoroughly following planting.
4. Trees shall be staked parallel with the direction of the prevailing wind.
5. Tree stakes shall have equal degree of separation between stakes.
6. Contractor shall use Deep Root Barrier where trees are planted within 8' of adjacent hardscape, water meters, joint trenches, etc. See Planting Notes on Planting Plan for more information.
7. See Planting Notes on this Sheet for mulch specification.
8. Provide planting clearance at building foundations per Detail 4 on this Sheet.

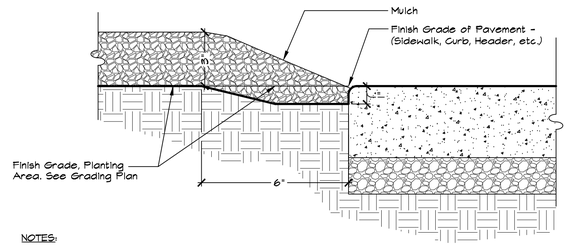
1 TREE PLANTING AND STAKING
NOT TO SCALE



NOTES:

1. Root ball shall rest on undisturbed soil.
2. Plant tablets shall be equally spaced around root ball. The number of tablets shall be 1 for 4" pot or liner, 2 for 1 gallon, 3 for 5 gallon, and 4 for 15 gallon, or as specified in the soils fertility test recommendations.
3. Contractor shall water planting pit thoroughly following planting.
4. See Planting Notes on this Sheet for mulch specification.
5. Provide planting clearance at building foundations per Detail 4 on this Sheet.

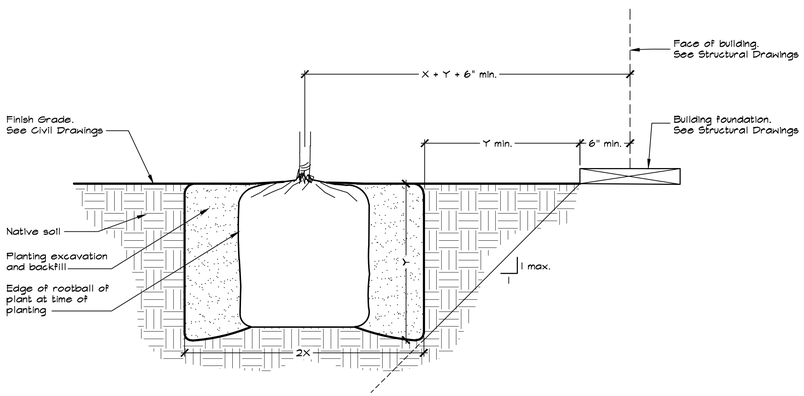
2 SHRUB/GROUNDCOVER PLANTING
NOT TO SCALE



NOTES:

1. Grading shall provide for natural runoff of water without low spots or pockets.
2. Remove weeds, mulch, and debris, and fine grade. Provide and install weed fabric and new landscape mulch.
3. Refer to Specifications Section 32 9000 for soil preparation in planting areas.
4. See Planting Notes on this Sheet for mulch specification.

3 MULCH
NOT TO SCALE



PLANT CONTAINER MEASUREMENTS			
Container Size	Width (X)	Depth (Y)	Center of Plant to Bldg.
1 gallon	7"	7"	20 inches min.
5 gallon	11"	12"	24 inches min.
15 gallon	16"	18"	40 inches min.
24" box	24"	21"	51 inches min.

4 PLANTING CLEARANCE AT BUILDING FOUNDATIONS
NOT TO SCALE

PLANTING NOTES

1. Prior to commencement of planting, the Contractor shall verify locations of all underground utilities.
2. Contractor shall adjust all plant material around electrical utilities, valve boxes, etc., as required in the field.
3. All landscape grades shall be smooth and feathered in appearance.
4. Irrigation system shall be fully operational prior to planting. Contractor shall thoroughly water all plants immediately after planting.
5. All trees shall be staked and installed per planting details. All trees shall be of adequate trunk caliper to stand without support.
6. Installing Contractor shall verify existing grade in the field prior to planting. Finished surfaces shall be uniform and smooth. Finished grade of planting and bark mulch areas shall be flush with top of edging, pavement and walks.
7. Soil for all exposed soil and planting areas except sod and bioretention areas shall receive Mirafi 140N weed fabric, or approved equal and a 3" minimum depth of bark mulch. Bark mulch shall be Eco-Mini Natural Mulch, as available through EcoMulch, 5010 Pacheco Blvd, Martinez, (925) 228-1675. Bioretention areas shall receive 3" minimum depth of the compost used in the bioreatment soil mix.
8. All trees planted within 8' of adjacent paving, curbing, hardscape, water meters, joint trenches, etc. shall receive Deep Root Barrier UB 24-2 (24" depth x 10' min. length) as manufactured by Deep Root Partners (800) 458-7668, or approved equal.
9. No plant material shall be substituted without prior written consent from the Landscape Architect.
10. Contractor shall be responsible for the pre-ordering of all plant material after the Notice to Proceed. Photographs for all plants shall be submitted to the Landscape Architect prior to placing order.
11. All plant material shall be certified by the Agricultural Commissioner inspection program for freedom from the glassy winged sharpshooter or other pests identified by the Agricultural Commissioner. The Agricultural Commissioner's office shall be notified of all impending deliveries of live plants with points of origin outside of the County so that inspection can be arranged.
12. All plants of the same type and container size shall be matched in height and width.
13. The Plant Legend is provided for convenience only, not accurate bidding purposes. Graphic depiction of plant material shall take precedence over stated quantities. Contractor shall notify the Landscape Architect to obtain clarification if there are discrepancies.

SOILS MANAGEMENT NOTES

A. The following organic amendments, soil amendments and fertilizer rates and quantities shall be used for bid basis only. Contractor shall arrange and pay for soil fertility testing by an accredited soils laboratory of existing site soil after rough grading operations are complete, and shall amend the soils, according to said laboratory's recommendations. The soils recommendations shall be considered a part of these contract documents. The soils report must provide the following information:
   1. Soil permeability rate in inches per hour.
   2. Soil texture test.
   3. Cation exchange capacity.
   4. Soil fertility, including test for nitrogen, potassium, phosphorous, pH, organic matter and specific conductance (electrical conductivity).
   5. Recommendation for amendments to the planting area soil.

B. Maintain eight inch (8") clearance from building foundations.

C. Topsoil: All landscape areas shall have a minimum 8" depth of topsoil with greater depths as required for planting work. Contractor shall provide topsoil which is fertile and friable, possessing characteristics of representative productive soils on the site. It shall not contain toxic substances which may be harmful to plant growth. When herbicide contamination is suspected then a radish/rye grass growth trial must be performed. Consult with the District prior to decision to test. It shall be uniformly textured and free of all objectionable foreign materials, oil or chemicals which may be injurious to plant growth. Natural topsoil shall possess a pH factor between 5.5 and 7.5, a sodium absorption ratio (SAR) of less than 8, a boron concentration of the saturation extract of less than 1 ppm, and salinity of the saturation extract at 25 degrees C. of less than 4.0 millimhos per centimeter. If required to import topsoil, Contractor shall obtain topsoil from naturally well-drained sites where topsoil occurs in a depth of not less than four inches (4"); do not obtain from bogs or marshes.

D. Organic Amendment: Nitrified fir bark having a minimum organic content of 94% and a nitrogen content of 0.8% minimum to 1.2% maximum on a dry weight basis. Fir bark shall be shredded to pass a one quarter inch (1/4") mesh screen. Incorporate organic amendment and fertilizer into the soil to a minimum depth of six inches (6") at a minimum rate of six cubic yards (6 cy) per one thousand square feet (1,000 sf) or per specific amendment recommendations from the soils report.

E. Fertilizer:
   1. Fertilizer shall be a commercial inorganic fertilizer in the granular or pelleted form. Fertilizer shall be delivered to the site in containers labeled in accordance with the applicable State of California regulations, bearing the warranty of the producer or the grade furnished, and shall be uniform in composition, dry and free-flowing.
   2. Turf, Shrubs, Groundcover, Grasses, and Vines:
      a. 6N-20P-20K, and 16-6-8, pelleted type.
      b. Sulphate - sulphur
      c. Lime for pH adjustment of moderately acid soil
      d. Starting one (1) month after planting, on a monthly basis, 21N-0P-0K Ammonium sulfate. 5 lbs. per 1,000 square feet.
   3. Trees:
      a. 21 gram 20N-10P-5K slow release fertilizer tablets as manufactured by Agriform. Apply according to manufacturer's instructions.
      b. After planting: 21N-0P-0K Ammonium sulfate 5lbs. per 1,000 square feet.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

GSM landscape architects, Inc.
1700 Soscol Ave. Suite 23
Napa, CA 94559
707-255-4630
www.gsmlainc.com

REGISTERED LANDSCAPE ARCHITECT
STEPHEN STRANZL
No. 2790
Exp. 10-31-28
STATE OF CALIFORNIA

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO: 2497.00
DRAWN BY: BTI/ECD
DRAWING SCALE:
PTN: 61721-99 FILE NO: 7-H4

DSA SUBMITTAL

OCTOBER 8, 2026

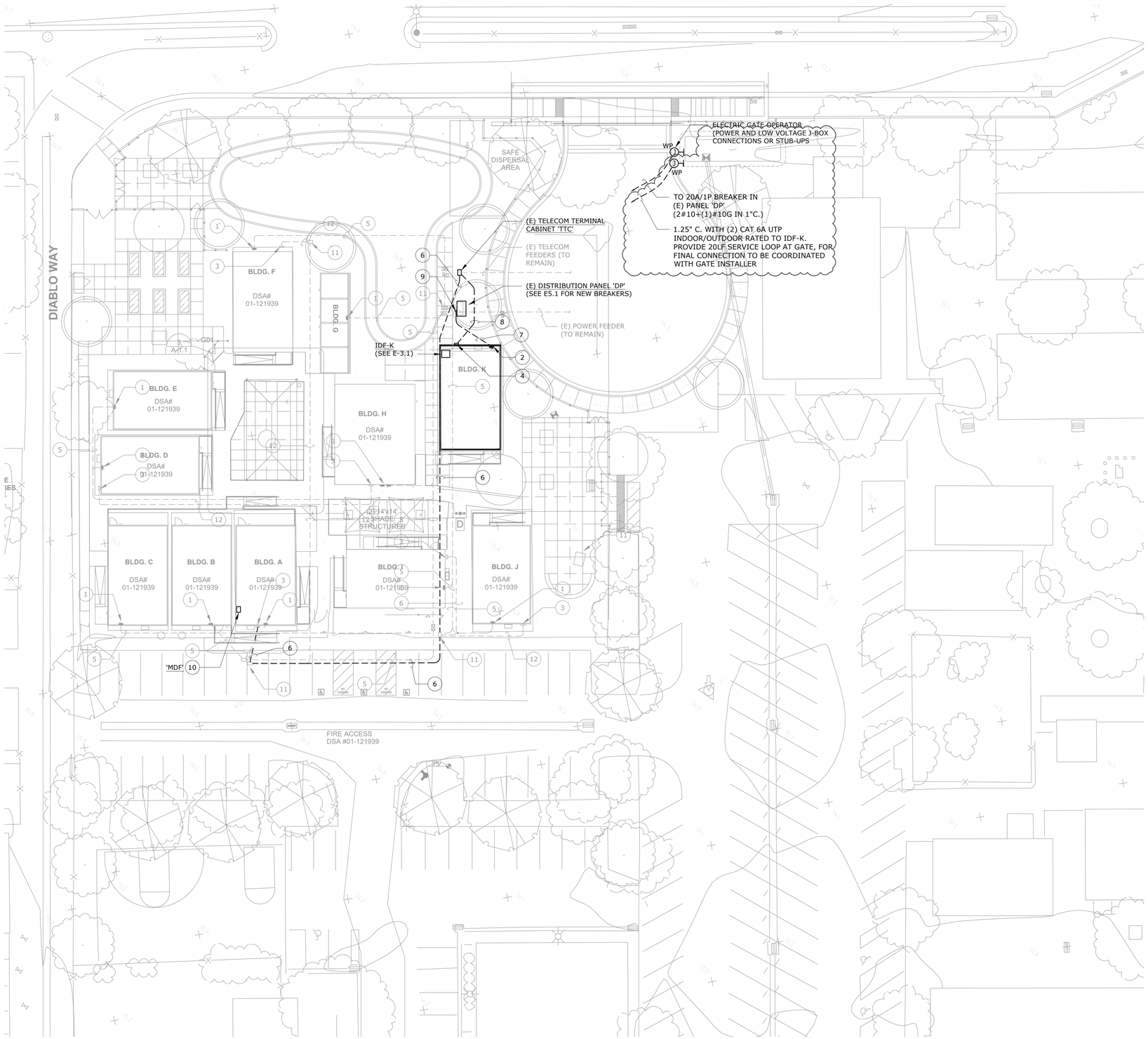
SHEET TITLE

PLANTING DETAILS

SHEET NUMBER

L4.1

GATEWAY PORTABLE AND SHADE STRUCTURE – 225083



SITEPLAN - ELECTRICAL

SCALE: 1" = 20'-0"

1 / E-1.1

NORTH

NUMBERED SHEET NOTES

1. (E) PORTABLE BUILDING POWER PANEL WITH (E) POWER FEEDER CONNECTION TO REMAIN. PROTECT IN PLACE.
2. PORTABLE BUILDING POWER PANEL, PROVIDED WITH PORTABLE BUILDING. PROVIDE (N) POWER FEEDER, PER E-5.1, AND CONNECT COMPLETE AS SHOWN, WITH GROUNDING, PER 1/E-7.1.
3. (E) PORTABLE BUILDING LOW VOLTAGE AND FIRE ALARM SYSTEM CONNECTIONS TO REMAIN. PROTECT IN PLACE.
4. PORTABLE BUILDING LOW VOLTAGE SYSTEM CONNECTION LOCATION, PROVIDED WITH PORTABLE BUILDING. PROVIDE (N) LOW VOLTAGE CONNECTIONS AND CONNECT COMPLETE AS SHOWN ON E-3.1 AND 2/E-5.1.
5. (E) POWER FEEDER TO (E) PORTABLES, TO REMAIN. FIELD SURVEY / LOCATE AND PROTECT IN PLACE.
6. (E) LOW VOLTAGE SYSTEM FEEDERS TO (E) PORTABLES, TO REMAIN. FIELD SURVEY / LOCATE AND PROTECT IN PLACE. PROVIDE AND INSTALL (N) FIBER IN (E) RACEWAY, FROM 'MDF' TO (E) 'TTC' AND (N) 2"C. FROM (E) 'TTC' TO (N) IDF-K.
7. PROVIDE AND INSTALL (N) UNDERGROUND POWER FEEDER, PER E-5.1 AND 8/E-7.1.
8. PROVIDE AND INSTALL (N) 2" UNDERGROUND LOW VOLTAGE CONDUIT AND FIBER, BETWEEN PORTABLE AND (E) 'TTC'. SEE 8/E-7.1.
9. STUB-UP AT BACK OF (E) 'DP' AND TRANSITION ABOVE GROUND INTO 'DP' WITH CONDULET ELBOWS. SEAL WEATHER-TIGHT.
10. (E) MDF TO REMAIN. PROTECT IN PLACE, INCLUDING ALL (E) INCOMING AND OUTGOING CABLING. PROVIDE (N) 24-PORT PATCH PANEL FOR (N) PORTABLE STATION CABLING, PER 2/E-5.1.
11. (E) SITE PULL BOX(ES) FOR POWER AND/OR LOW VOLTAGE TO REMAIN. PROTECT IN PLACE.
12. (E) LOW VOLTAGE SYSTEM FEEDERS TO (E) PORTABLES TO REMAIN. PROTECT IN PLACE.
13. VERIFY EXACT GATE OPERATOR LOCATION PRIOR TO ROUGH-IN.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

O'MAHONY & MYER
ELECTRICAL ENGINEERING and LIGHTING DESIGN
440 REDWOOD HWY, SUITE 245
SAN RAFAEL, CALIFORNIA 94903
(415) 460-0823/FAX (415) 479-0662
www.omeconsulting.com

REGISTERED PROFESSIONAL ENGINEER
PETER COLEMAN BRADLEY
No.E14738
Exp. 6/27
ELECTRICAL
STATE OF CALIFORNIA

9/8/26

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	LN/JW/TV
DRAWING SCALE:	AS NOTED
PTN: 61721-99	FILE NO: 7-H4

CONSTRUCTION DOCS

OCTOBER 8, 2026

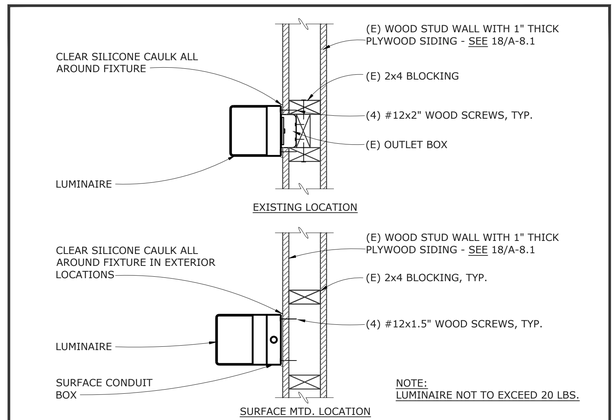
SHEET TITLE

SITE PLAN - ELECTRICAL

SHEET NUMBER

E-1.1

GATEWAY PORTABLE AND SHADE STRUCTURE – 225083



SURFACE WALL MOUNTED LUMINAIRE (WOOD STUD WALL) 2/E-1.2

SCALE: NONE
FILE: L:\DETAILS\LIGHT\SURFACE\LSURF020

SITEPLAN - LIGHTING 1/E-1.2

SCALE: 1" = 10'-0"

NORTH

NUMBERED SHEET NOTES

1. ROUTE CIRCUIT HOME TO EXISTING PANEL IN BUILDING H VIA TIMECLOCK. ROUTE CONDUIT UNDER NEW SIDEWALK. PROVIDE AND INSTALL (1) CIRCUIT BREAKER IN EXISTING SPACE IN EXISTING CIRCUIT BREAKER PANEL FOR POLE LIGHTS. NEW CIRCUIT BREAKER TO MATCH EXISTING BREAKERS. EXTEND CONDUIT AND WIRE FROM NEW CIRCUIT BREAKER TO TIMECLOCK AND THEN TO EXTERIOR POLE LIGHTS AS SHOWN.
2. (E) TIMECLOCK FOR CONTROL OF EXTERIOR POLE LIGHTS (INSTALLED IN PREVIOUS PHASE). VERIFY THAT TIMECLOCK IS SET SO LIGHTS TAGGED 'S1' ARE ON WHENEVER BUILDINGS ARE OCCUPIED AT NIGHT LIGHTS TAGGED 'S2' FROM DUSK TO LATE EVENING. OBTAIN SCHEDULE FROM DISTRICT, IF NOT YET SET.
3. NEW LIGHT WITH MANUFACTURER-SUPPLIED WALL-MOUNTED BOX FOR SURFACE CONDUIT WIRING. SUPPLY FROM EXISTING CIRCUIT AND CONTROLS SUPPLYING EXISTING LIGHTING. CONCEAL NEW RACEWAY WHEREVER POSSIBLE. WHERE NEW RACEWAY IS EXPOSED, PRIME AND PAINT ALL RACEWAYS, FITTINGS, J-BOXES, AND FASTENERS TO MATCH MOUNTING SURFACE. SEE DETAIL 2/E-1.2.
4. REMOVE EXISTING LIGHT AT THIS LOCATION AND TURN OVER TO THE DISTRICT FOR FUTURE USE. MOUNT NEW LIGHT IN PLACE OF EXISTING LIGHT. CONNECT COMPLETE TO EXISTING CIRCUIT AND LIGHTING CONTROLS. SEE DETAIL 2/E-1.2.
5. WALL MOUNTED AT 9'-0" A.F.F. TO THE BOTTOM OF THE LUMINAIRE.
6. SEE DETAIL 4/E-7.1.
7. SEE DETAIL 9/E-7.1.

QUATTROCCHI KWOK ARCHITECTS
Main:
636 Fifth Street, Santa Rosa, CA 95404
East Bay:
55 Harrison Street, Suite 525,
Oakland, CA 94607
(707) 576-0829

O'MAHONY & MYER
ELECTRICAL ENGINEERING and LIGHTING DESIGN
430 REDWOOD HWY, SUITE 245
SAN RAFAEL, CALIFORNIA 94903
(415) 456-0283/FAX (415) 479-0662
www.omeconsulting.com

REGISTERED PROFESSIONAL ENGINEER
PATRICK COLEMAN BARNES
No.E14738
Exp. 6/27
ELECTRICAL
STATE OF CALIFORNIA
9/8/26

GATEWAY PROGRAM

PORTABLE & SHADE STRUCTURES

929 SECOND ST.
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-122796

ARCH PROJECT NO:	2497.00
DRAWN BY:	LN/JW/TV
DRAWING SCALE:	AS NOTED
PTN: 61721-99	FILE NO: 7-H4

CONSTRUCTION DOCS
OCTOBER 8, 2026

SHEET TITLE

SITE PLAN - LIGHTING

SHEET NUMBER

E-1.2

NOTICE INVITING BIDS

LIBERTY UNION HIGH SCHOOL DISTRICT

NOTICE IS HEREBY GIVEN that the Liberty Union High School District, acting by and through its Governing Board, hereinafter referred to as "District", will receive prior to 2:00 PM on the ***15th*** ~~13th~~ day of October, 2026 sealed Prime bids for the award of a Contract for the following:

BID NO. 26-27-02

PORTABLE, SHADE STRUCTURES & LANDSCAPE IMPROVEMENTS AT THE GATEWAY PROGRAM

DSA App. No. 01-122796

All bids shall be made and presented only on the forms presented by the District and Construction Manager. Bids shall be received in the Maintenance and Operations Office of the District at 19 Oak Street, Brentwood, California 94513 and shall be opened and publicly read aloud at the above stated time and place. Any bids received after the time specified above or after any extensions due to material changes shall be returned unopened. The District's time clock shall govern and control the time for all bids to be received by the District and no other clock shall be used to determine the time when bids shall be received by the District in accordance with this Notice Inviting Bids.

The Contract Time is ~~5~~ ***7***-months (refer to Exhibit C: Milestone Schedule).

For a more detailed discussion on Contract Time, Contractor must refer to the General Conditions, Supplementary Conditions, and General Requirements regarding Milestones and Liquidated Damages.

PREQUALIFICATION OF PRIME CONTRACTORS IS REQUIRED FOR THIS PROJECT. ALL BIDDERS MUST HAVE RECEIVED PRIOR PREQUALIFICATION APPROVAL FROM THE DISTRICT IN ORDER TO SUBMIT A BID FOR THIS PROJECT.

The engineer's approximate estimate for this project is $2,800,000.00.

Scope of work:

This Project includes the relocation of one staged portable classroom building to a new pad, addition of fire sprinklers to an existing portable classroom building, underground utilities, a new driveway and bus drop off loop, new shade structures, and associated site improvements including but not limited to new concrete flatwork, artificial turf, landscaping, fencing and gates.

Bid Alternates:

~~TBD~~ NONE

LUHSD Prequalification Application Status Report (as of 10/9/2026)

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Status	Status Date	Expires
55GEEKS	Sahar Osman	1941 Elderwood Dr, Martinez, CA, 94553	855-554-3357	855-554-3357	sahar@55geeks.com	1133496	C-7 (Low Voltage Systems Contractor), C-10 (Electrical	APPROVED	10/05/2026	10/05/2027
Abba Distributors Inc dba Design Hardware Company	Erika Carrizal	6053 West Third Street, Los Angeles, CA, 90036	323-930-1330 x256	323-930-0459	ecarrizal@designhardware.com	842952	C-6 (Cabinet, Millwork and Finish Carpentry Contractor), C-	APPROVED	06/30/2026	06/30/2027
Alcal Specialty Contracting Inc.	Sonia Wilson	42950 Osgood Rd, Fremont, CA, 94539	510-896-1092	510-477-9786	sonia.wilson@alcal.com	815286	B (General Building Contractor), C-39 (Roofing	APPROVED	05/11/2026	05/11/2027
All American Building Services	ANTHONY INNABI	PO Box 802586, Santa Clarita, CA, 91380	909-368-0773		anthony@allamericanrebuild.com	921499	A (General Engineering Contractor), B (General	APPROVED	05/11/2026	05/11/2027
American River Construction, Inc.	Israel Welty, President and Treasurer	110 Blue Ravine Road, #162, Folsom, CA 95630	530-621-1785	000-000-000	estimating@ARConstInc.com	573022	B (General Building Contractor)	APPROVED	10/05/2026	10/05/2027
AMS HEATING, INC.	MELISSA SANDERS	3602 MUNFORD AVE, STOCKTON, CA, 95215	209-466-6692	209-466-1632	missi@amsheatinginc.com	767349	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor),	APPROVED	10/05/2026	10/05/2027
Anza Engineering Corp.	Randy Potts	P.O. Box 730, Brentwood, CA, 94513	925-513-2060		anzaeng@comcast.net	273213	A (General Engineering Contractor), B (General	APPROVED	10/05/2026	10/05/2027
ARCTIC COOLING SYSTEMS LLC dba ACS BUILDERS	CANDACE DELUCCA	14350 Cherokee Pl, Chino, CA, 91710	909-668-4040	909-325-3297	cdelucca@arcticcoolsys.com	1083415	B (General Building Contractor), C-10 (Electrical	APPROVED	07/09/2026	07/09/2027
Atlas/Pellizzari Electric Inc	Jim Weishaar	450 Howland St, Redwood City, CA, 94063	650-364-1204	650-364-6193	jimw@atlas-pellizzari.com	375862	C-10 (Electrical Contractor)	APPROVED	10/09/2026	10/09/2027
AVSAR Construction Development, Inc.	Baris Avsar	27537 Elderberry Dr, Valencia, CA, 91381	310-795-2717		baris@avsarcd.com	1035467	B (General Building Contractor), C-27 (Landscaping	APPROVED	10/05/2026	10/05/2027
Axis Mechanical Inc.	Daniel Salguero	908 Bern Ct, San Jose, CA, 95112	669-288-0210	408-573-7900 x5101	danielsa@axismechanicalinc.com	974024	C-20 (Warm-Air Heating, Ventilating and Air-	APPROVED	06/30/2026	06/30/2027
Barth Roofing Company, Inc	Antonio Zapien	4384 W. Pine Haven Drive, Tracy, CA, 95304	209-833-9917	209-833-8096	antonio@barthroofing.com	760030	B (General Building Contractor), C-2 (Insulation and	APPROVED	10/05/2026	10/05/2027
Bay City Mechanical, Inc.	Crystal Rougeau	870 Harbour Way South Richmond , Ca 94804	510-233-7000	510-669-9856	Crystal@baycitymech.com	645126	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor),	APPROVED	08/04/2026	08/04/2027
Beals Martin & Associates, Inc.	Dwight Ortmann	2596 Bay Road, Redwood City, CA, 94063	650-566-5884	650-367-7645	Patricia@bealsmartin.com	396189	A (General Engineering Contractor), B (General	APPROVED	10/05/2026	10/05/2027
BEL AIR MECHANICAL, INC.	Bruce Campbell	4100 Alhambra Ave. #2680, Martinez, CA, 94553	925-609-9655	925-372-0680	bruce@belairmechanical.com	844161	B (General Building Contractor), C-4 (Boiler, Hot	APPROVED	04/27/2026	04/27/2027
Better Way Plumbing & Repairs, inc.	Pierre Williams	11160 Hindry Ave., Unit J	424-227-8877	424-227-8875	prwilliams@betterwaymp.com	995703	C-36 (Plumbing Contractor)	APPROVED	10/05/2026	10/05/2027
Bockmon & Woody Electric Co., Inc.	Arlene Larsen	1528 El Pinal Drive, Stockton, CA, 95205	209-464-4878	209-464-2615	arlene@bockmonwoody.com	588308	C-10 (Electrical Contractor), A (General Engineering	APPROVED	10/09/2026	10/09/2027
Branco Construction Inc	GEORGE BRANCO	PO Box 2532, Lodi, CA, 95241	209-712-6561		gbjr@brancobuilding.com	1030309	B (General Building Contractor)	APPROVED	05/11/2026	05/11/2027
BRIGHTVIEW LANDSCAPE SERVICES INC dba	David Moo	13691 W VAUGHN ST SAN FERNANDO, CA 91340	951-406-5904		david.moo@brightview.com	266211	A (General Engineering Contractor), C-27 (Landscaping	APPROVED	10/05/2026	10/05/2027
Buhler Commercial	Nicole Virrey	400 Brannan Street; Suite 204, San Francisco, CA,	415-610-8650		nicole.virrey@buhlercommercial.com	1003262	A (General Engineering Contractor), B (General	APPROVED	10/05/2026	10/05/2027
BuildCorp Inc	Jay Zhong	236 West Portal Ave 787, San Francisco, CA, 94127	925-339-8607		jayz@buildcorp-gc.com	1066717	B (General Building Contractor), C-10 (Electrical	APPROVED	10/05/2026	10/05/2027
California Electric Group Inc.	Ashnil Prasad	21858 Stonegate Dr., Salinas, CA, 93908	831-402-6966		justine@caelectric.com	1047429	C-10 (Electrical Contractor)	APPROVED	10/05/2026	10/05/2027
Calstate Construction, Inc.	Amelia Rodriguez	4165 Business Center Drive Fremont CA 94538, [Enter	510-657-1800	510-657-1810	amelia@calstateci.com	856043	A (General Engineering Contractor), B (General	APPROVED	10/05/2026	10/05/2027
Collins Electrical Company Inc.	Araceli Torres	3412 Metro Drive, Stockton, CA, 95213	209-466-3691	209-466-3146	atorres@collinselectric.com	115427	A (General Engineering Contractor), B (General	APPROVED	06/16/2026	06/16/2027
Color New Corp	Louis Loizu	22855 Califa St., Woodland Hills, CA, 91367	818-884-0856		colornewcorp@yahoo.com	1113019	B (General Building Contractor), C-33 (Painting and	APPROVED	10/05/2026	10/05/2027
Con J Franke Electric Inc	Lori Smith	317 N. Grant Street, Stockton, CA 95202, CA, 95202	209-462-0717	209-462-2556	lori.smith@cjfranke.com	288366	C-10 (Electrical Contractor)	APPROVED	10/05/2026	10/05/2027
cws construction group inc	charlie slack	1301 Grant Ave, Suite B, Novato, CA 94945	415-599-6545	415-209-0228	charliejr.cws@gmail.com	811153	A (General Engineering Contractor), B (General	APPROVED	04/27/2026	04/27/2027
DDK Mechanical, Inc	Kenneth Seastrom	5761 Florin-Perkins Rd #9, Sacramento, CA, 95828	916-383-5190	916-383-5191	jenn@ddkmechanicalca.com	855723	B (General Building Contractor), C-20 (Warm-Air	APPROVED	07/09/2026	07/09/2027
Diamond Crete Concrete Coatings Inc. dba Acevedo	Fidel Acevedo Gonzalez	671 E Cooley Drive, Ste 117 Colton, CA 92324	951-602-5577	951-602-5578	acevedo@diamondcreteinc.com	1067348	C-15 (Flooring and Floor Covering Contractors), B	APPROVED	04/27/2026	04/27/2027
Du-Mor Fire Systems, Inc.	Monya Logan	17119 Placer Hills Rd, Meadow Vista, CA, 95722	530-878-9055	530-878-0206	dumorfire@usamedia.tv	722228	C-16 (Fire Protection Contractor)	APPROVED	10/05/2026	10/05/2027
Duran and Venables, Inc.	Manuela Batkovic	748 South Hillview Drive, Milpitas, CA, 95035	408-934-7300	408-934-7310	ela@dvpave.com	375068	A (General Engineering Contractor), HAZ (Hazardous	APPROVED	10/05/2026	10/05/2027
Dutch Contracting, Inc.	Lyndsey Turner	2201, El Dorado Hills, Ca, CA, 95762	916-436-5422 x103	916-823-3122	lyndseyt@dutchcoinc.com	1002925	A (General Engineering Contractor), HAZ (Hazardous	APPROVED	06/16/2026	06/16/2027

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Status	Status Date	Expires
E F Brett & Company, Inc.	madison artau	1435 Technology Lane, Suite B1, Petaluma, CA 94954	415-524-8351 x105	415-524-8349	madisona@efbrett.com	924636_	A (General Engineering Contractor), B (General	APPROVED	05/11/2026	05/11/2027
E J WALLACE ENTERPRISES INC DBA ENCORE	Raquel Macias	11912 S Wilmington Ave., Los Angeles, CA, 90059	310-225-5510		rmacias@encoredevelopmentco.com	876396_	B (General Building Contractor)	APPROVED	10/05/2026	10/05/2027
Eco Energy Solutions, Inc. dba High Volt Electric	Karo Gyonjyan	4485 Runway St., Simi Valley, CA, 93063	818-993-3732	805-422-8117	karo@highvoltelectric.com	963370_	A (General Engineering Contractor), B (General	APPROVED	04/27/2026	04/27/2027
Edwards Construction Group, Inc.	BRAD EDWARDS	991 BENNETT AVE. , ARROYO GRANDE, CA,	805-868-2874	805-614-9906	bradedwards@edwardscongroup.com	1057451	A (General Engineering Contractor), B (General	APPROVED	08/04/2026	08/04/2027
EIDIM Group Inc. dba EIDIM AV Technology	Aman Jain	1015 S. Placentia Ave. Fullerton, CA 92831	562-777-1009 x104	562-777-9120	estimate@eidim.com	824410_	B (General Building Contractor), C-7 (Low Voltage	APPROVED	04/28/2026	04/28/2027
F&H Construction	Taryn Rodriguez	1115 E. Lockeford Street, Lodi, CA 95240	209-931-3738	209-931-4427	trodriguez@f-hconst.com	293306_	A (General Engineering Contractor), B (General	APPROVED	08/04/2026	08/04/2027
FAMAND INC DBA INDOOR ENVIRONMENTAL SERVICES	Jeanine Eldridge	1604 Airport Blvd, Santa Rosa, CA, 95403	916-803-5178	916-348-3020	jeldridge@ies-hvac.com	0646794	C-20 (Warm-Air Heating, Ventilating and Air-	APPROVED	10/05/2026	10/05/2027
Floor Covering Unlimited, Inc.	Joanne Lee	9601 Cozycroft Avenue #8, Chatsworth, CA, 91311	310-445-9285	818-626-8526	floorcoveringunltd@msn.com	413038_	B (General Building Contractor), C-15 (Flooring and	APPROVED	10/05/2026	10/05/2027
Foundry Construction, Inc.	Alan Sau	66 Franklin St, Suite 300, Oakland, CA, 94607	510-703-1256		asau@foundryconstructioninc.com	1089831	A (General Engineering Contractor), B (General	APPROVED	05/12/2026	05/12/2027
Galaxy Construction Services , Inc	Alex Knop	3330 Vincent road , suite D, Pleasant Hill, CA, 94523	415-756-0950	925-262-9154	office@galaxycsinc.com	791356_	B (General Building Contractor), C-20 (Warm-Air	APPROVED	05/11/2026	05/11/2027
Giant Construction, Inc.	Daniel Wood	6689 Skyline Blvd., Oakland, CA, 94611	510-972-8750		dwood@giantgc.com	1123124	B (General Building Contractor)	APPROVED	05/11/2026	05/11/2027
GP Mechanical Inc.	Greg Pepin	5345 Union Mine Road, El Dorado, CA, 95623	530-363-3324	530-698-5505	greggpmech@yahoo.com	802244_	C-20 (Warm-Air Heating, Ventilating and Air-	APPROVED	10/05/2026	10/05/2027
GSP Construction Inc	George Muradyan	3349 VERDECA WAY, rancho cordova, CA, 95670	916-899-0684		george.gspconstruction@gmail.com	1051754	B (General Building Contractor)	APPROVED	04/27/2026	04/27/2027
GULATI CONSTRUCTION COMPANY INC	Nitin Gulati	8192 Santa Margarita Ln, La Palma, CA, 90623	517-944-4623		nitin@gccogroup.com	1090339	A (General Engineering Contractor), B (General	APPROVED	08/04/2026	08/04/2027
Hydra Ventures, Inc. dba Cal Pacific Systems	Christina Gee	50 Cypress Lane, Brisbane, CA 94005	415-252-8600	415-252-8700	christina.gee@calpacificsystems.com	924244_	C-36 (Plumbing Contractor), B (General Building Contractor),	APPROVED	08/06/2026	08/06/2027
Integra Construction Services Inc	Hayley Manning	5729 Sonoma Drive, Suite G, Pleasanton, CA, 94566	925-596-5032	925-425-9103	hayley@integra-csi.com	481246_	A (General Engineering Contractor), B (General	APPROVED	05/11/2026	05/11/2027
Integrated Demolition and Remediation Inc.	Nick Vora	421 E. Cerritos Ave. Anaheim, CA 92805	714-340-3333	714-709-4729	nick@idrdemo.com	1003504	A (General Engineering Contractor), B (General	APPROVED	05/11/2026	05/11/2027
J-WALT CONSTRUCTION, INC.	Joseph Walter	1787 E. Main Street, Suite #12 , Woodland , CA, 95776	530-406-2278	530-662-1903	office@jwaltconstruction.com	981420_	B (General Building Contractor)	APPROVED	08/04/2026	08/04/2027
JL Construction, Inc.	Barbara Leuty	70 Stony Point Road, Suite D, Santa Rosa, CA, 95401	707-527-5788	707-542-7718	barbaral@jlcbuild.com	761270_	B (General Building Contractor)	APPROVED	05/11/2026	05/11/2027
JOES LANDSCAPING & CONCRETE, INC dba JOE'S	JOSE GARCIA	802 INYO AVE, NEWMAN, CA, 95360	209-862-2004	209-862-3331	janet@joeslc.com	853867_	C-8 (Concrete Contractor), C-12 (Earthwork and Paving	APPROVED	10/05/2026	10/05/2027
JPB Designs Inc.	Artyom Ponomarenko	5650 Main Ave Suite 2 , Orangevale, CA, 95662	916-549-6259		art.jpbdesigns@gmail.com	997483_	B (General Building Contractor), C-33 (Painting and	APPROVED	05/11/2026	05/11/2027
JR Wagner Fire Protection, Inc.	Kristen@jrwagnerfire.com	P.O. Box 5037, Modesto, CA, 95352	888-325-8544	877-232-8944	kristen@jrwagnerfire.com	968003_	C-16 (Fire Protection Contractor)	APPROVED	10/09/2026	10/09/2027
JUV INC	VLADIMIR CHERNYAVSKIY	7901 OAKPORT STREET , SUITE 2700, OAKLAND, CA,	510-836-1300 x105	510-777-9203	irina@juvinc.com	924181_	B (General Building Contractor)	APPROVED	05/11/2026	05/11/2027
Kemp Bros. Construction, Inc.	Lauren Moore	10135 Geary Avenue, Santa Fe Springs, CA, 90670	562-236-5000 x244	562-236-5010	lmoore@kempbros.com	149816_	A (General Engineering Contractor), B (General	APPROVED	06/30/2026	06/30/2027
Kerex Engineering, Inc.	Hector Barajas	4941 Pachecho Blvd., Martinez, CA 94553	925-457-7165	925-387-0853	hector@kerexengineering.com	1002913	A (General Engineering Contractor)	APPROVED	10/05/2026	10/05/2027
Marina Mechanical Services	Carl Koos	4763 Bennett Drive, Livermore, CA 94551	510-614-3500	925-294-9238	ckoos@marinam.com	416198_	C-20 (Warm-Air Heating, Ventilating and Air-	APPROVED	06/30/2026	06/30/2027
McGuire and Hester	Mabel Cater	9009 Railroad Avenue, Oakland, CA 94603	510-632-7676	510-562-5209	estimating@mcguireandhester.com	95879__	A (General Engineering Contractor), B (General	APPROVED	10/05/2026	10/05/2027
Medical Facilities Solutions LLC	Estimating Team	234 East Gish Rd, Suite 100, San Jose, CA, 95112	408-352-5386	408-352-5386	estimating@mfsbuilds.com	1090989	B (General Building Contractor)	APPROVED	04/27/2026	04/27/2027
Michael Venosta Plumbing and Mechanical Inc.	Kelly Venosta	8505 Church Street Unit 13, Gilroy, CA, 95020	408-842-4004	408-842-4005	kelly@michaelvenostaplumbing.com	969247_	C-36 (Plumbing Contractor), C-20 (Warm-Air Heating,	APPROVED	10/05/2026	10/05/2027
MMJ Construction, Inc.	Judy Bailey-Savage	39100 Air Park drive, Temcula, CA, 92592	951-216-8862	951-457-6484	info@mmjconstruction.com	988999_	B (General Building Contractor), C-10 (Electrical	APPROVED	10/05/2026	10/05/2027
NBC Construction & Engineering Inc	Nick Shalchi	850 S Van Ness Ave, San Francisco, CA, 94110	925-813-2673		nsnbcinc@gmail.com	857964_	A (General Engineering Contractor), B (General	APPROVED	08/24/2026	08/24/2027
Pacific Coast General Engineering Inc.	Pacific Coast Engineering	12 Industry Rd, Pittsburg, CA, 94565	925-252-0214	925-252-0215	cassandra@pcge.biz	894723_	A (General Engineering Contractor), HAZ (Hazardous	APPROVED	09/24/2026	09/24/2027
Pacific Tide Construction	Julian Dorado	19360 Rinaldi Street, Suite 150, Northridge, CA, 91326	424-276-1324		compliance@pacifictideconstruction.com	1051641	A (General Engineering Contractor), B (General	APPROVED	08/04/2026	08/04/2027
Paschke Electric Inc	Michael Paschke	216 N. East St , Woodland, CA, 95776	530-661-2585		Michael@paschkeelectric.com	989061_	C-10 (Electrical Contractor)	APPROVED	08/06/2026	08/06/2027

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Status	Status Date	Expires
Penkor General Contractors Inc dba Penkor Wrecking	Khaleel Obaidi	1791 Via Hermana, San Lorenzo, CA, 94580	341-208-8911		kobaidi@penkorwrecking.com	1094975	A (General Engineering Contractor), B (General	APPROVED	07/09/2026	07/09/2027
Polychrome Construction Inc	Marios Polychronas	8908 Balboa Blvd, Northridge, CA, 91325	818-831-8308	818-775-9944	polychrome@socal.rr.com	993826_	B (General Building Contractor), C-33 (Painting and	APPROVED	10/05/2026	10/05/2027
Presidential Fire Protection, Inc.	Fabian Robles	4517 Harlin Drive, Sacramento, CA, 95826	916-379-9199	916-379-9099	Fabian@presidentialfireprotection.com	847133_	C-16 (Fire Protection Contractor)	APPROVED	04/27/2026	04/27/2027
Radonich Corp DBA Cal Coast Telecom	Marie Pernick	886 Faulstich Court, San Jose, CA, 95112	408-275-8888 x212	408-275-8895	marie@cctcom.net	732886_	C-7 (Low Voltage Systems Contractor)	APPROVED	10/05/2026	10/05/2027
Ready Enterprises, Inc. DBA Ready Electric	Steph Ruff-Bryant	501 W. BROADWAY #A233, SAN DIEGO, CA, 92101	619-269-0011		ready@ready-electric.com	1102806	C-10 (Electrical Contractor)	APPROVED	04/27/2026	04/27/2027
RELIABLE CABLING SOLUTIONS INC DBA	Christian Acuzar	10600 Sepulveda Blvd. Suite 200-D, Mission Hills , CA,	818-518-0673		info@rc-solutions.co	1064964	C-7 (Low Voltage Systems Contractor)	APPROVED	05/11/2026	05/11/2027
RK Roofing & Construction Inc.	Amanda Kobler	249 Estudillo Ave., San Leandro, CA, 94577	510-902-7663		admin@rkroofs.com	781758_	B (General Building Contractor), C-39 (Roofing	APPROVED	06/16/2026	06/16/2027
ROBERT A BOTHMAN INC DBA ROBERT A BOTHMAN	Jack Wall	2690 Scott Boulevard, Santa Clara, CA, 95050	408-279-2277	408-279-2281	jpadilla@bothman.com	440332_	A (General Engineering Contractor), B (General	APPROVED	10/05/2026	10/05/2027
Rodan Builders, Inc.	Lisa Puckett	3486 Investment Blvd, Suite B, Hayward, CA 94545	650-508-1700	650-508-1705	lpuckett@rodanbuilders.com	858119_	A (General Engineering Contractor), B (General	APPROVED	04/27/2026	04/27/2027
Russell Sigler Inc.	Jeffrey Myers	205 South Puente St., Brea, CA, 92821	714-421-2455		jmyers@siglers.com	960159_	C-20 (Warm-Air Heating, Ventilating and Air-	APPROVED	04/27/2026	04/27/2027
S&G Discount Outlet INC DBA S&G Carpet and More	JUSTIN RATAJCZAK	3919 Channel Drive, West Sacramento, CA, 95691	916-666-4513		justinratajczak@sgcarpet.com	260230_	C-15 (Flooring and Floor Covering Contractors), C-54	APPROVED	10/05/2026	10/05/2027
Saboo Inc.	Toheed Asghar	415 Beatrice Court Suite #H, Brentwood, CA, 94513	626-260-2849		tasghar@sbcglobal.net	896479_	A (General Engineering Contractor), B (General	APPROVED	05/11/2026	05/11/2027
Sandco Landscape Contractors, INC.	Cole Sanderson	12127 Mall Blvd Ste A 251, Victorville, CA, 92392	760-490-4769		cole@sandco-inc.com	1079940	A (General Engineering Contractor), C-27 (Landscaping	APPROVED	04/27/2026	04/27/2027
Satellite Painting, Inc	Sarahi Barradas	5655 Silver Creek Valley Road , Suite 449, San Jose, CA	408-264-1600	408-264-0300	sarahi@satpainting.com	563898_	C-33 (Painting and Decorating Contractor)	APPROVED	10/05/2026	10/05/2027
Scapes, Inc.	Lane Poms	12344 San Mateo Road, Half Moon Bay, CA, 94019	650-712-4460	650-712-4408	lane@scapes.org	776147_	A (General Engineering Contractor), B (General	APPROVED	04/27/2026	04/27/2027
Sign Factory, Printing & Office Equipment, Inc. dba Sign	Mario Rodriguez	120 N 4th street, SIGN FACTORY, El Centro, CA,	760-455-7589		mrgerardo@signfactory.org	985388_	C-45 (Electrical Sign Contractor), C-10 (Electrical	APPROVED	10/05/2026	10/05/2027
Simile Construction Service, Inc.	Joe Simile	4725 Enterprise Way, Ste. 1, Modesto, CA, 95356	209-545-6111	209-545-6112	estimating@similebuilt.com	794642_	A (General Engineering Contractor), B (General	APPROVED	10/05/2026	10/05/2027
Souto Brothers Landscaping and Concrete Construction,	David Souto	15934 Hesperian Blvd #126, San Lorenzo, CA, 94580	510-377-1710		david@soutoconcrete.com	752616_	B (General Building Contractor), C-8 (Concrete	APPROVED	05/11/2026	05/11/2027
Sterling Environmental Corporation	Natalie OBrien	600 McCormick Street, Suite B, San Leandro, CA 94577	510-638-2800 x201	510-638-2804	nobrien@sterlingenv.com	537909_	C-22 (Asbestos Abatement Contractor), A (General	APPROVED	06/16/2026	06/16/2027
Stronger Building Services	Claudia Chavez	580 Harlan St. , San Leandro, CA, 94577	510-487-8363	510-487-8246	strongerbuilding@yahoo.com	955618_	B (General Building Contractor), C-39 (Roofing	APPROVED	10/05/2026	10/05/2027
Thompson Builders Corporation	Jenn O'Toole	5400 Hanna Ranch Road, Novato, CA, 94945	415-456-8972 x4414	415-459-0665	jenno@tbcorp.com	626859_	A (General Engineering Contractor), B (General	APPROVED	06/16/2026	06/16/2027
Thompson General Construction DBA Rubicon	Greta Thompson	535 West Napa Street, Sonoma, CA, 95476	707-360-1717		office@rubiconbuild.com	1099794	B (General Building Contractor)	APPROVED	04/27/2026	04/27/2027
Time and Alarm Systems	Project Admin	3828 Wacker Drive, Mira Loma, CA, 91752	951-685-1761	951-685-1441	projectadmin-tas@sciensbuildingsolutions.co	393251_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical	APPROVED	10/05/2026	10/05/2027
TNB Construction	Kellan Christensen	2620 E 18th Street, Antioch, CA, 94509	925-757-3660		kellan@swishercement.com	947604_	A (General Engineering Contractor)	APPROVED	08/24/2026	08/24/2027
Tradewinds Cooling, Limited Liability Company	Mat Hamilton	5055 Business Center Drive Suite 108-Box 352 Fairfield,	707-435-3290		mat.hamilton@tradewindsmc.com	1066807	C-20 (Warm-Air Heating, Ventilating and Air-	APPROVED	05/12/2026	05/12/2027
Tse Construction	Jerry Tse	699 Lewelling Blvd #146/338, San Leandro, CA, 94579	510-812-3466		jerry@tsegc.com	925736_	B (General Building Contractor), C-10 (Electrical	APPROVED	05/11/2026	05/11/2027
UNLIMITED ENVIRONMENTAL INC	Jill Dupleich	9945 Pioneer Blvd, Santa Fe Springs, CA, 90670	562-577-0861		info@ueiteam.com	668511_	B (General Building Contractor), C-21 (Building	APPROVED	10/05/2026	10/05/2027
W.E. Lyons Construction	Teri Howton	1301 Ygnacio Valley Road, Suite 200, Walnut Creek, CA,	707-853-1944		thowton@welyons.com	180607_	A (General Engineering Contractor), B (General	APPROVED	10/05/2026	10/05/2027
Wickman Development and Construction	Jonathan Wickman	5616 Mission St, San Francisco, CA 94112	415-239-4500	415-239-4511	estimating@wickmandev.com	970768_	A (General Engineering Contractor), B (General	APPROVED	10/05/2026	10/05/2027
Wyatt W Underwood & Associates LLC DBA	Julian Dorado	19360 Rinaldi St Ste 150, Northridge, CA, 91326	213-279-2455		compliance@wwuteam.com	1034836	A (General Engineering Contractor), B (General	APPROVED	08/04/2026	08/04/2027
Xpress Technical Services, Inc. (DBA: IEC Services)	Justin Gore	4901 WAREHOUSE WAY, Sacramento, CA, 95826	209-606-3490		jgore@iecservices.com	1064168	A (General Engineering Contractor), B (General	APPROVED	06/30/2026	06/30/2027