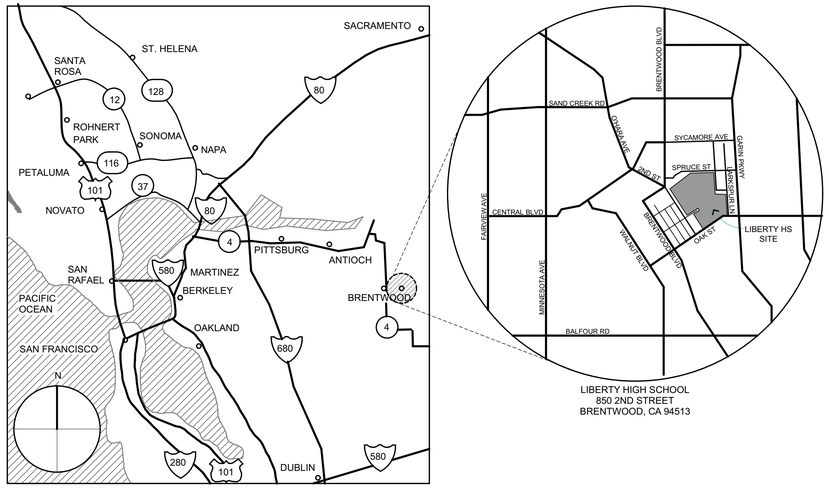
LIBERTY HIGH SCHOOL
BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET, BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

VICINITY MAP



DSA FILE NO: 7-H4 **DSA APPLICATION NO:** 01-119543 **PTN:** 61721-81

CONSTRUCTION DOCUMENTS

PROJECT TEAM

OWNER

Liberty Union School District
20 Oak Street
Brentwood, CA 94513
Phone: 925-634-2166 ex 2036
Fax: 925-634-1687
Email: robbinsl@luhsd.net

ARCHITECT

Quattrocchi Kwok Architects
636 Fifth Street
Santa Rosa, CA 95404
Phone: 707-576-0829
Fax: 707-576-0295
Email: jimt@qka.com

CONSTRUCTION MANAGER

Lathrop Construction Associates, Inc.
4001 Park Road
Benicia, CA 94510
Phone: 707-746-8000
Direct: 707-746-4450
Email: anthony.damante@lathropconstruction.com

LANDSCAPE ARCHITECT

GSM Landscape Architects Inc.
1700 Soscol Ave., Suite 23
Napa, CA 94559
Phone: 707-255-4630
Email: bart@gsmlainc.com

STRUCTURAL ENGINEER

ZFA Structural Engineers
1212 Fourth Street, Suite Z
Santa Rosa, CA 95404
Phone: 707-526-0992
Fax: 707-526-0217
Email: KyleB@zfa.com

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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

LICENSED ARCHITECT
JIM THEISS
LICENSE # C22643
EXP JUNE 30, 2023
STATE OF CALIFORNIA

SIGNED: August 2, 2021

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

DSA APP NO. 01-119543
ARCH PROJECT NO: 1923.00
DRAWN BY: PAG
DRAWING SCALE: N.T.S.
PTN: 61721-81 FILE NO: 7-H4
CONSTRUCTION DOCUMENTS
August 2, 2021
SHEET TITLE

COVER SHEET

SHEET NUMBER

G-0.1

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
CBU	CEMENTITIOUS BACKER UNIT	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	SHR	SHOWER
CMU	CONCRETE MASONRY UNIT	HSS	HOLLOW STEEL SECTION	SHTG	SHEATHING
CO	CLEANOUT	HT	HEIGHT	SIM	SIMILAR
COL	COLUMN	HTG	HEATING	SL	SLIDING
COMB	COMBINATION	HVAC	HEATING, VENTILATING,	S.L.D.	SEE LANDSCAPE DRAWINGS
COMP	COMPOSITION		AIR-CONDITIONING	SM	SHEET METAL
CONC	CONCRETE			S.M.D.	SEE MECHANICAL DRAWING
CONN	CONNECTION	ID	INSIDE DIAMETER	SOV	SHUT OFF VALVE
CONST	CONSTRUCTION	INSUL	INSULATION	S.P.D.	SEE PLUMBING DRAWINGS
CONT	CONTINUOUS	INT	INTERIOR	SPEC	SPECIFICATION
CONTR	CONTRACTOR	INTEG	INTEGRAL	SPKR	SPEAKER
CT	CERAMIC TILE	INTERMED	INTERMEDIATE	SQ	SQUARE
CTR	CENTER	INV	INVERT	SS	STAINLESS STEEL
CTSK	COUNTERSINK			S.S.D.	SEE STRUCTURAL DRAWINGS
CUST	CUSTODIAN	JH	JOIST HANGER	S.TH.D.	SEE THEATER DRAWINGS
CW	COLD WATER	JST	JOIST	STA	STATION
		JT	JOINT	STD	STANDARD
DBL	DOUBLE			STL	STEEL
DEPT	DEPARTMENT	KIT	KITCHEN	STOR	STORAGE
DET	DETAIL	KP	KICK PLATE	STRUCT	STRUCTURAL
DF	DRINKING FOUNTAIN			SUSP	SUSPENDED
DG	DECOMPOSED GRANITE	LAB	LABORATORY	SYM	SYMMETRICAL
DI	DRAIN INLET	LAM	LAMINATE		
DIA	DIAMETER	LAV	LAVATORY	T	TREAD
DIAG	DIAGONAL	LL	LIVE LOAD	T&B	TOP & BOTTOM
DIM	DIMENSION	LP	LOW POINT	TC	TOP OF CURB
DISP	DISPOSAL	LT	LIGHT	TEL	TELEPHONE
DIV	DIVISION			TER	TERRAZZO
DN	DOWN	MAT	MATERIAL	T&G	TONGUE & GROOVE
DO	DOOR OPENING	MAX	MAXIMUM	TH	THICK
DIR	DIRECTLY	MB	MACHINE BOLT	THRU	THROUGH
DR	DOOR	MC	MEDICINE CABINET	TJ	TOOL JOINT
DS	DOWN SPOUT	MECH	MECHANICAL	TN	TOE NAIL
DSP	DRY STAND PIPE	MED	MEDIUM	T.O.D.	TOP OF DECK
DT	DRAIN TILE	MEMB	MEMBRANE	T.O.P.	TOP OF PLATE
DW	DISHWASHER	MFR	MANUFACTURER	T.O.R.	TOP OF ROOF
DWG	DRAWING	MH	MANHOLE	T.O.W.	TOP OF WALL
DWR	DRAWER	MIN	MINIMUM	T.P.	TOP OF PAVEMENT
		MIR	MIRROR	TRN	TRANSOM
E	EAST	MISC	MISCELLANEOUS	TRANS	TRANSPARENT
(E)	EXISTING	MO	MASONRY OPENING	TS	TUBE STEEL
EA	EACH	MOD	MODULAR	TUB	TUBULAR
EB	EXPANSION BOLT	MR	MOISTURE RESISTANT	TV	TELEVISION
EE	EACH END	MTD	MOUNTED	TW	TACKWALL
EF	EXHAUST FAN	MTL	METAL	TYP	TYPICAL
EJ	EXPANSION JOINT	MUL	MULLION	UNF	UNFINISHED
EL	ELEVATION GRADE			U.O.N.	UNLESS OTHERWISE NOTED
ELEC	ELECTRICAL	N	NORTH	UR	URINAL
ELEV	ELEVATION	(N)	NEW	UTIL	UTILITY
EMER	EMERGENCY	NAT	NATURAL		
EMT	ELECTRIC METALLIC TUBING	N.I.C.	NOT IN CONTRACT	VB	VAPOR BARRIER
ENCL	ENCLOSURE	NO	NUMBER	VCT	VINYL COMPOSITION TILE
EP	ELECTRIC PANEL	NOM	NOMINAL	VERT	VERTICAL
EQ	EQUAL	N.T.S.	NOT TO SCALE	VEST	VESTIBULE
EQUIP	EQUIPMENT			V.I.F.	VERIFY IN FIELD
EQUIV	EQUIVALENT	O/	OVER	VTR	VENT THROUGH ROOF
ES	EACH SIDE	OA	OVERALL	VWC	VINYL WALL COVERING
EW	EACH WAY	OBS	OBSCURE		
EXH	EXHAUST	OC	ON CENTER	W	WEST
EXIST	EXISTING	OD	OUTSIDE DIAMETER	W/	WITH
EXP	EXPANSION	OF	OVERFLOW	WC	WATER CLOSET
EXT	EXTERIOR	OFCI	OWNER FURNISHED/	WD	WOOD
			CONTRACTOR INSTALLED	WDW	WINDOW
		O.L.F.	OCCUPANT LOAD FACTOR	WH	WATER HEATER
		OFF	OFFICE	W/O	WITHOUT
		OPNG	OPENING	WP	WATER PROOF
		OPP	OPPOSITE	W.P.	WORK POINT
		OVHD	OVERHEAD	WR	WATER RESISTANT
				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 SPECIFICALLY 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

009 — WINDOW NUMBER 009

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

2 / A-B5.3 — ELEVATION NUMBER 2 ON SHEET NUMBER A-B5.3

FLOOR PLAN	CLASSROOM A204 F-4 A-A7.6	ROOM NAME ROOM NUMBER 204 IN BUILDING A FLOOR FINISH CODE F-4 INTERIOR ELEVATION SHOWN ON SHEET A-A7.6
REFLECTED CLG PLAN	CLASSROOM A204 CL-6 10'-0"	ROOM NAME ROOM NUMBER 204 IN BUILDING A CEILING FINISH CODE CL-6 FINISH CEILING HEIGHT 10'-0"

33 — KEYNOTE NUMBER 33

8" — METAL WALL FRAMING SIZE 8"

50 — WALL ACOUSTIC RATING OF STC 50

C — TOILET ACCESSORY C

222 — ARCHITECTURAL WOODWORK STANDARDS (AWS) CABINET DESIGN SERIES IDENTIFIER

W-2 — FINISH CODE, WALL FINISH 2 SHOWN

E1 — ROOM / BUILDING ACCESSIBLE SIGNAGE TYPE E1. SEE ARCHITECTURAL GRAPHICS PLAN AND ACCESSIBLE SIGNAGE DETAIL

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.

3. DO NOT SCALE DRAWINGS.

4. VERIFY ALL DIMENSIONS WHERE WORK INVOLVES FRAMING FOR WINDOWS, DOORS, OR CABINETS.

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

6. GOVERNING CODES:
CALIFORNIA CODE OF REGULATIONS TITLE 24 BUILDING STANDARDS CODE:
PART 1 2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
PART 2 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
(2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2016 CALIFORNIA AMENDMENTS)
PART 3 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
(2017 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
PART 4 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
(2018 IAPMO UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
PART 5 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
(2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
PART 6 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
PART 9 2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
(2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
PART 10 2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
(2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
PART 11 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CAL-GREEN), PART 11, TITLE 24 CCR
PART 12 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR

TITLE 19 CCR, PUBLIC SAFETY CODE, STATE FIRE MARSHAL REGULATIONS
2010 ADA STANDARDS FOR ACCESSIBILITY DESIGN
2013 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS

7. STANDARD AND GUIDES:

NFPA 13	INSTALLATION OF FIRE SPRINKLER SYSTEMS (CA AMENDED)	2016 EDITION
NFPA 14	INSTALLATION OF STANDPIPE AND HOSE SYSTEMS	2016 EDITION
NFPA 17	DRY CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 17A	WET CHEMICAL FIRE EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 20	INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION	2016 EDITION
NFPA 22	STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION	2013 EDITION
NFPA 24	STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES	2016 EDITION
NFPA 25	CALIFORNIA EDITION - TESTING, MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS	2013 EDITION
NFPA 72	NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED)	2016 EDITION
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2016 EDITION
NFPA 110	EMERGENCY AND STANDBY POWER SYSTEMS	2016 EDITION
NFPA 170	STANDARD FOR FIRE SAFETY AND EMERGENCY SYMBOLS	2015 EDITION
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	2015 EDITION
UL 300	STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT	2005 (R2010)
UL 464	AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES	2003 EDITION
UL 521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 EDITION
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 EDITION
ICC 300	STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS	2017 EDITION

8. A COPY OF TITLE 24 PARTS 1-5 SHALL BE KEPT ON THE JOB AT ALL TIMES.

9. IN ACCORDANCE WITH TITLE 24 PART 1 CHAPTER 4: THE ADMINISTRATIVE REGULATIONS FOR THE DIVISION OF THE STATE ARCHITECT STRUCTURAL SAFETY (DSA/SS)
- ALL CONSTRUCTION CHANGE DOCUMENTS AND ADDENDA SHALL BE SIGNED BY THE ARCHITECT AND THE OWNER AND APPROVED BY DSA.CONSTRUCTION CHANGE DOCUMENTS NOT VALID UNTIL APPROVED BY DSA (4-338).
- ALL TESTS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 4-335 AND APPROVED T & I SHEET (DSA-10)
- TESTS OF MATERIALS AND TESTING LAB SHALL BE IN ACCORDANCE WITH SECTION 4-335 AND THE DISTRICT SHALL EMPLOY AND PAY THE LAB. COSTS OF RE-TEST MAY BE BACKCHARGED TO THE CONTRACTOR.
- DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE IN ACCORDANCE WITH SECTION 4-331
- INSPECTOR SHALL BE APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(b). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342.
- SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334.
- VERIFIED REPORTS SHALL BE SUBMITTED BY CONTRACTORS, INSPECTORS (DSA - 6), ARCHITECTS AND ENGINEERS (DSA 6AE) IN ACCORDANCE WITH SECTIONS 4-336 AND 4-343.
- THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-333(a) AND 4-341.
- THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTION 4-343.

10. FOOD HANDLING FACILITIES SHALL COMPLY WITH ALL LOCAL HEALTH REQUIREMENTS AND CALIFORNIA UNIFORM RETAIL FOOD FACILITIES LAW.

11. 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 BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHERE IN THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24 C.C.R. A CONSTRUCTION CHANGE DOCUMENT DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK. (TITLE 24 PART 1, SECTION 4-338(c))

12. COMPLIANCE WITH CFC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION AND CBC CHAPTER 33, SAFETY DURING CONSTRUCTION SHALL BE ENFORCED.

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

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

15. NO DEMOLITION WORK SHALL BEGIN UNTIL CONSTRUCTION DOCUMENTS HAVE DSA APPROVAL.

SHEET INDEX (*16 TOTAL SHEETS*)

DEFERRED APPROVALS

NONE

PROJECT DESCRIPTON

The project will demolish an existing Junior Varsity (JV) baseball field chain link back stop and team dugouts. The improvement work includes a 30-foot high chain link backstop, dugouts with benches and a bull pen.

The project will also include improving the existing Varsity baseball field to achieve equivalent facilities in compliance with Title IX measures. The improvement work will consist of demolishing the existing backstop and a portion of the parking lot. New 30-foot high backstop. asphalt paving to create an accessible path of travel to the restrooms and accessible parking.

General site demolition work will include clearing existing turf and chain link fencing. General new site work will include grading, irrigation, and construction of an accessible concrete and ac paving walkway.

Note:

Liberty HS Field Improvement project will be reviewed by DSA for accessibility compliance only. The District has elected not to have DSA provide structural or fire and life safety review, in accordance with allowanced summarized by IR A-22, for this project. The District acknowledges that the following items will not be approved or certified by DSA.

1. Foul poles and foul ball netting poles that are less than 35 feet tall.
2. Baseball dug-outs which are less than 250, and are at field grade and therefore do not have any soil retaining walls greater than for feet tall.
3. Existing bleachers that are no greater than five rows of seats.
4. Open-mesh baseball backstops that are less than 35 feet in height for cantilevered pole systems.
5. Open-mesh fences that are less than 35 feet in feet in height and fencing with spaced rails and pickets less than eight feet in height.

STATEMENT OF GENERAL CONFORMANCE

THESE DRAWINGS (MARKED LANDSCAPING AND STRUCTURAL) AND/OR SPECIFICATIONS AND/OR CALCULATIONS FOR THE ITEMS LISTED, HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONS 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 PLANS AND SPECIFICATIONS, AND IS 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 1. (Title 24, Part 1, SECTION 4-317 (b))

SIGNATURE OF ARCHITECT/ENGINEER	8/1/2021 DATE
JIM THEISS, PRINCIPAL	C22643
NAME, TITLE	LICENSE NO., EXP. DATE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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

LICENSED ARCHITECT
JIM THEISS
LICENSE # C22643
EXP JUNE 30, 2023
STATE OF CALIFORNIA

SIGNED: August 2, 2021

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	PAG
DRAWING SCALE:	N.T.S.
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

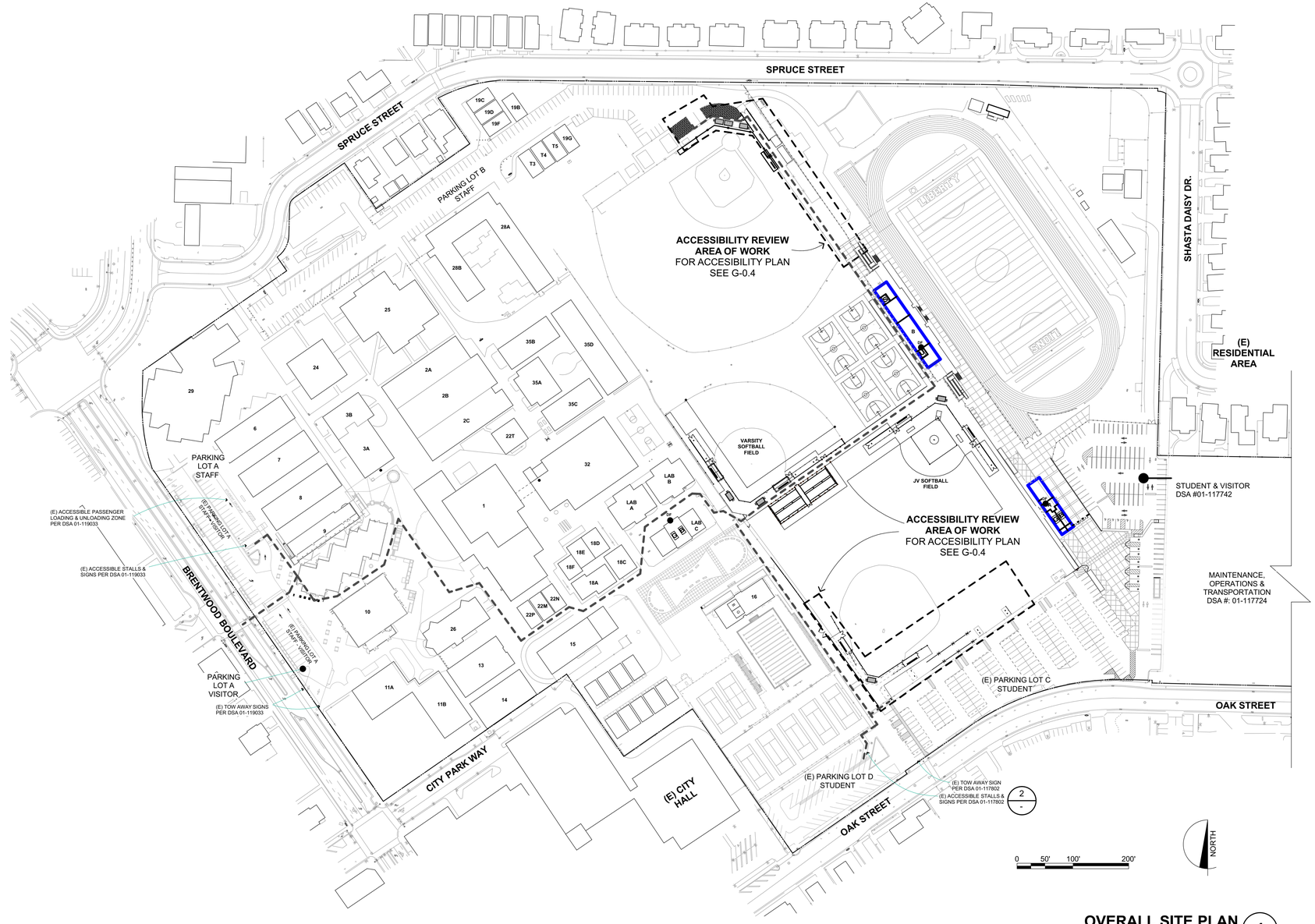
August 2, 2021
SHEET TITLE

ABBREVIATIONS AND NOTES

SHEET NUMBER

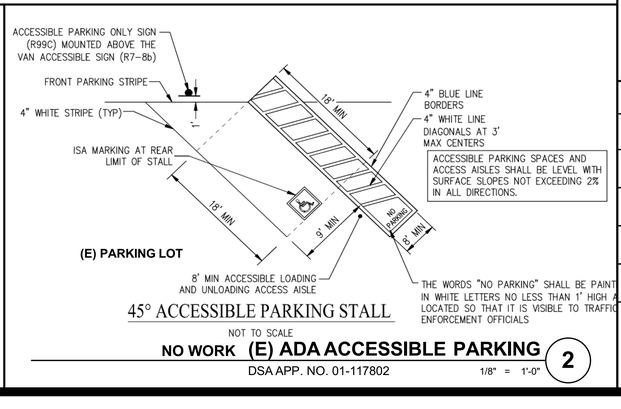
G-0.2

P:\1923.00 - Liberty HS Backstops_LUHSD\Drawings\04-CD\PDFs 01 DSA Submittal\1923.00 LIBERTY HS BACKSTOP REPLACEMENT.pln 8/2/2021 12:08 PM



OVERALL SITE PLAN

1" =100' (1)



45° ACCESSIBLE PARKING STALL

NOT TO SCALE

NO WORK (E) ADA ACCESSIBLE PARKING (2)

DSA APP. NO. 01-117802 1/8" = 1'-0"

#	BLDG DESCRIPTION	APP. #
A	CONCESSION / RESTROOMS	01-117742
B	FITNESS BUILDING	01-117742
1	GYMNASIUM	30513
2A	LANGUAGE & SOCIAL SCIENCE BLDGS	25083
2B	LANGUAGE & SOCIAL SCIENCE BLDGS	25083
2C	LANGUAGE & SOCIAL SCIENCE BLDGS	25083
3A	LIBRARY	25083
3B	LIBRARY ADDITION	53065
6	CLASSROOM BUILDING	22109 & 53065
7	CLASSROOM BUILDING	11286 & 53065
8	CLASSROOM BUILDING	8915
9	A-WING, STUDENT USE	01-119033
10	STUDENT ACTIVITY CENTER & CAFETERIA	01-119033
10A	ADMIN AND STUDENT SERVICES	01-119033
11	APT WING & COMPUTER WING	25083 & 54083
13	WOOD SHOP	14565
14	METAL SHOP	7354
15	AUTO SHOP	3518 & 25083
16	SWIMMING POOL BUILDING	01-117802
18A	T1 BIOLOGICAL, PHYSIOLOGY	46363
18B	T2 CLOTHING LABORATORY	46363
18C	T3 COMPUTER LABORATORY	46363
18D	T4 PHYSICAL / EARTH SCIENCE LAB	46363
18E	T5 CHEMISTRY LABORATORY	46363
18F	T6 BIOLOGY	46363
18H	T7 CLASSROOM	46363
18J	T8 CLASSROOM	47440
19A	CC7 SPECIAL EDUCATION	47440
19B	CC8 SPECIAL EDUCATION	47440
19C	CC9 SPECIAL EDUCATION	47440
19D	CC10 SPECIAL EDUCATION	47440
19E	CC11 SPECIAL EDUCATION	47440
19F	CC12 SPECIAL EDUCATION	47440
19G	CC13 SPECIAL EDUCATION	47440
19J	NEW RELOCATABLE CLASSROOM	01-105226
19K	NEW RELOCATABLE CLASSROOM	01-105226
19L	NEW RELOCATABLE CLASSROOM	01-105226
21	BUS GARAGE	-
22D	P4 - CHAPTER 1	48291
22F	P6 - DRIVER TRAINING & SIMULATOR	48291
22T	P18 - DRAFTING	47440
24	SCIENCE BUILDING	46950
25	COUNTY SPECIAL ED. FACILITY	48347
26	COUNTY SPECIAL ED. FACILITY	48347
28A	MATH & SCIENCE CLASSROOMS	53065
28B	MATH & SCIENCE CLASSROOMS	53065
29	PERFORMING ARTS BUILDING	54083
31A	R9 TOILETS	61129
31B	R19 CLASSROOMS	61129
31C	R18 CLASSROOMS	61129
31D	R17 CLASSROOMS	61129
31E	R16 CLASSROOMS	61129
32	JOINT USE GYMNASIUM	01-102471
33A	RELOCATABLE CLASSROOMS	01-105228
33B	RELOCATABLE CLASSROOMS	01-105228
33C	RELOCATABLE CLASSROOMS	01-105228
33D	RELOCATABLE CLASSROOMS	01-105228
33E	RELOCATABLE CLASSROOMS	01-105228
33F	RELOCATABLE CLASSROOMS	01-105228
34	UNITY PLAZA	01-106022
35A	SCIENCE CLASSROOMS	01-107504
35B	CLASSROOMS	01-107504
35C	CLASSROOMS	01-107504
35D	CLASSROOMS	01-107504
T3	CLASSROOMS	01-114250
T4	CLASSROOMS	01-114250
T5	CLASSROOMS	01-114250
LAB	SCIENCE LAB A, B & C	01-114751
VSF	VARSITY SOFTBALL FIELD	01-117607
JVSF	JV SOFTBALL FIELD	01-117607

ACCESS SITE PLAN LEGEND

- (E) BUILDING TO REMAIN
- (E) BARRIER FREE PATH OF TRAVEL
- DF (E) ACCESSIBLE DRINKING FOUNTAIN
- G (E) RESTROOM - GIRLS
- B (E) RESTROOM - BOYS
- S (E) RESTROOM - STAFF
- U (E) RESTROOM - UNISEX
- PROPERTY LINE (APPROX)

PARKING COUNT

	OVERALL	ACC STALL	ACC VAN STALL	REQUIRED STD	REQUIRED VAN
(E) PARKING LOT A STAFF & VISITOR	58	2	1	2	1
(E) PARKING LOT B STAFF	103	2	3	4	1
(E) PARKING LOT C STUDENT & VISITOR	264	8	4	5	2
(E) PARKING LOT D STUDENT	44	1	1	1	1

CBC 2019 TABLE 11B-208.2:
26-50 TOTAL SPACES = 2 REQ'D ACC SPACES

CBC 2019 SECTION 11B-208.2.4:
FOR EVERY 6 OR FRACTION OF 6 ACC PARKING SPACES REQUIRED, AT LEAST 1 SHALL BE A VAN ACCESSIBLE PARKING SPACE.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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

LICENSED ARCHITECT
JIM THEISS
LICENSE # C22643
EXP JUNE 30, 2023
STATE OF CALIFORNIA

SIGNED: August 2, 2021

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

DSA APP NO. 01-119543

ARCH PROJECT NO: 1923.00
DRAWN BY: PAG
DRAWING SCALE: AS NOTED
PTN: 61721-81 FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

August 2, 2021

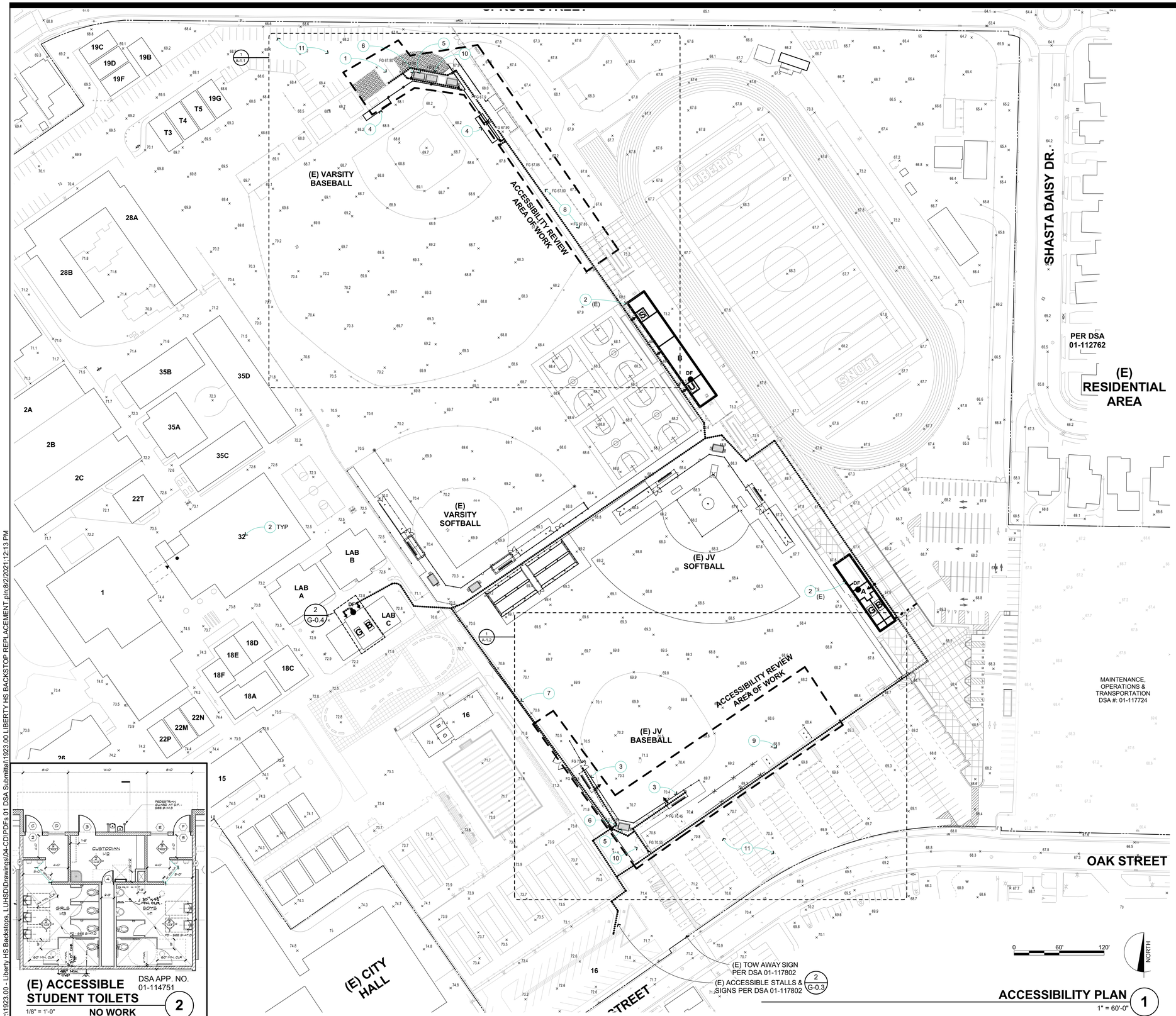
SHEET TITLE

OVERALL SITE PLAN

SHEET NUMBER

G-0.3

P:\1923.00 - Liberty HS Backstops, LUHSD\Drawings\04-CD\PDFs 01 DSA Submittal\1923.00 LIBERTY HS BACKSTOP REPLACEMENT.pln;8/2/2021;12:09 PM;



ACCESSIBILITY PLAN
1" = 60'-0"

(E) ACCESSIBLE STUDENT TOILETS
1/8" = 1'-0"

DSA APP. NO. 01-114751

NO WORK

SITE PLAN KEYNOTES

1. ACCESSIBLE PARKING, S.L.D. AND DETAIL 1/A-1.3
2. FOR BLDG ID SEE G-0.3
3. JUNIOR VARSITY CHAIN LINK DUGOUT, S.L.D.
4. (E) VARSITY DUGOUT
5. (E) BLEACHERS
6. 36"X48" ACCESSIBLE SEATING AREA
7. (E) AC WALKWAY
8. AC PAVING WALK, S.L.D.
9. JV BASEBALL BULLPEN, S.L.D.
10. CONCRETE PAVING, S.L.D.
11. (E) AC PAVING PARKING LOT

ACCESS GENERAL NOTES

1. ALL NEW WORK SHALL BE ACCESSIBLE. ALL NEW WALKWAYS SHALL CONFORM TO CBC 11B-403. ACCESSIBLE P.O.T. AS SHOWN ON THE PLANS CAN BE NEGOTIATED BY A PERSON WITH A DISABILITY USING A WHEELCHAIR, AND IS ALSO SAFE FOR AND UASABLE BY PERSONS WITH OTHER DISABILITIES.
   - CONCRETE SHALL SLOPE MIN. 1/8" PER FOOT AWAY FROM (E) BUILDINGS
   - EXTERIOR DOOR LANDINGS SHALL SLOPE 1/4" PER FOOT MAX. AWAY FROM BUILDING FOR DRAINAGE
2. REFER TO LANDSCAPE DWGS FOR SIDEWALK AND SITE FEATURES NOT OTHERWISE INDICATED
3. PARKING AND PEDESTRIAN SITE SIGNAGE SHALL COMPLY WITH CBC SECTIONS 11B-502.6 & 11B-703.7.2.1
4. BUILDING SIGNAGE SHALL COMPLY WITH CBC 11B-703
5. PEDESTRIAN GATES SHALL COMPLY WITH CBC 1008.2 & 11B-206.5
6. ◄••••••••••••••• INDICATES BARRIER FREE PATH OF TRAVEL
   - 1:20 MAXIMUM SLOPE WITHOUT A RAMP
   - 1:48 MAXIMUM CROSS SLOPE
   - 1:48 MAXIMUM SLOPE EA DIRECTION FOR ACC PARKING SPACES & ACCESS AISLES PER 11B-502.4.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
   - 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)
   - 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

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:
THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE 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 ELEMENT, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT

1) HAVE BEEN IDENTIFIED AND
2) 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 ELEMENT, COMPONENT, OR PORTION 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 SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

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

SITE ACCESS LEGEND

ALL TOILET ROOMS NOTED ARE ACCESSIBLE PER CBC.

- (E) BUILDING TO REMAIN
- ACCESSIBLE PATH OF TRAVEL
- (E) PROPERTY LINE
- ▲ ACCESSIBLE ENTRY / EXTERIOR DOOR AT PATH OF TRAVEL
- ● DF (E) ACCESSIBLE DRINKING FOUNTAIN
- S (E) STAFF TOILET
- B (E) BOYS' STUDENT TOILET
- G (E) GIRLS' STUDENT TOILET
- U (E) UNISEX TOILET
- X ## (E) TOP OF GRADE POINT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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

LICENSED ARCHITECT
JIM THEISS
LICENSE # C22643
EXP JUNE 30, 2023
STATE OF CALIFORNIA

SIGNED: August 2, 2021

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	PAG
DRAWING SCALE:	AS NOTED
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

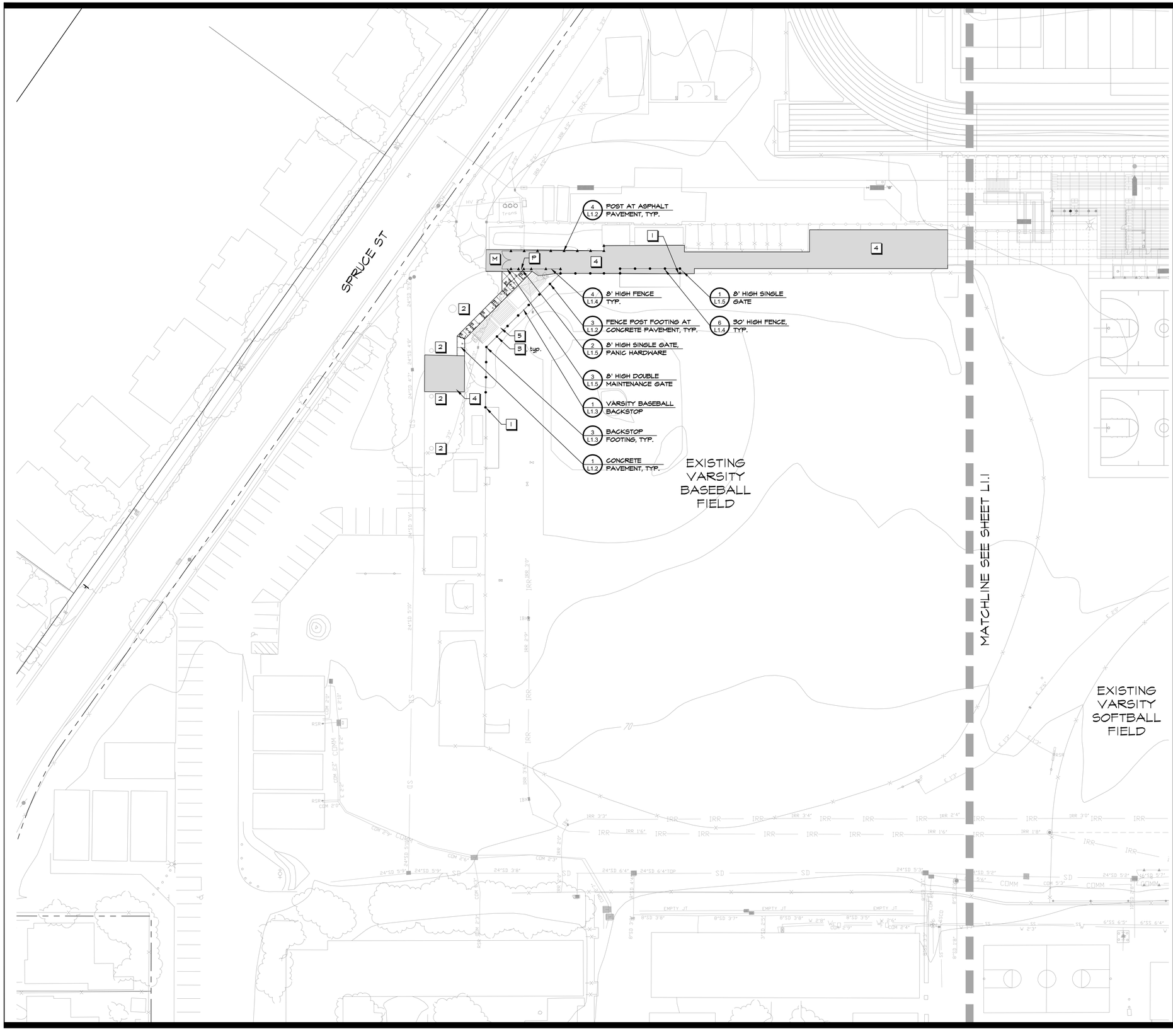
August 2, 2021

SHEET TITLE

ACCESS - ENLARGED SITE PLAN

SHEET NUMBER

G-0.4



MATERIAL LEGEND

NOT ALL MAY APPEAR ON THIS SHEET

- Bleachers (Existing). See Architectural Drawings.
- 3'-6" High Fence
- 8' High Fence
- 12' High Fence
- 30' High Fence or Backstop
- Single Gate
- Double Gate
- EJ — Expansion Joint
- Control Joint
- Direction of broom finish
- Concrete Pavement. Concrete shall have a slip resistant broom finish in the direction shown on this sheet.
- Asphalt Pavement. See Architectural Drawings.
- Turf (NIC)

KEY NOTES

1. Connect new fence and gates to existing chain link fence, typ.
2. Existing tree shall remain, typ. Comply with Tree Preservation Standards on L1.2.
3. Infield fines shall be placed in areas where existing fines have been disturbed and added fines are required to create flush connection to adjacent surfaces. See Detail 2 on Sheet L1.2.
4. Asphalt Pavement. See Architectural Drawings.
5. Existing concrete pavement. See Architectural Drawings.

M	Maintenance Gate
P	Panic Hardware Gate
Refer to General Fencing and Gate Notes and Schedules on L1.5	

CONCRETE NOTES

1. Subgrade preparation shall be done in accordance with the recommendations in the Geotechnical Report.
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 existing building and existing or new walls 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. Provide a surface texture as described in Material Legend on this sheet. See Plan for direction.
7. Cure concrete with curing compound or keep continuously moist for a minimum of 7 days.
8. Contractor shall prepare a 4'x4' sample of all materials in the field prior to construction, for review and approval by the District.
9. 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.

NORTH

0 30' 60'

GRAPHIC SCALE IN FEET
1"=30'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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. 10-31-22
STATE OF CALIFORNIA

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET,
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	BTI, HDJ
DRAWING SCALE:	1"=30'-0"
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

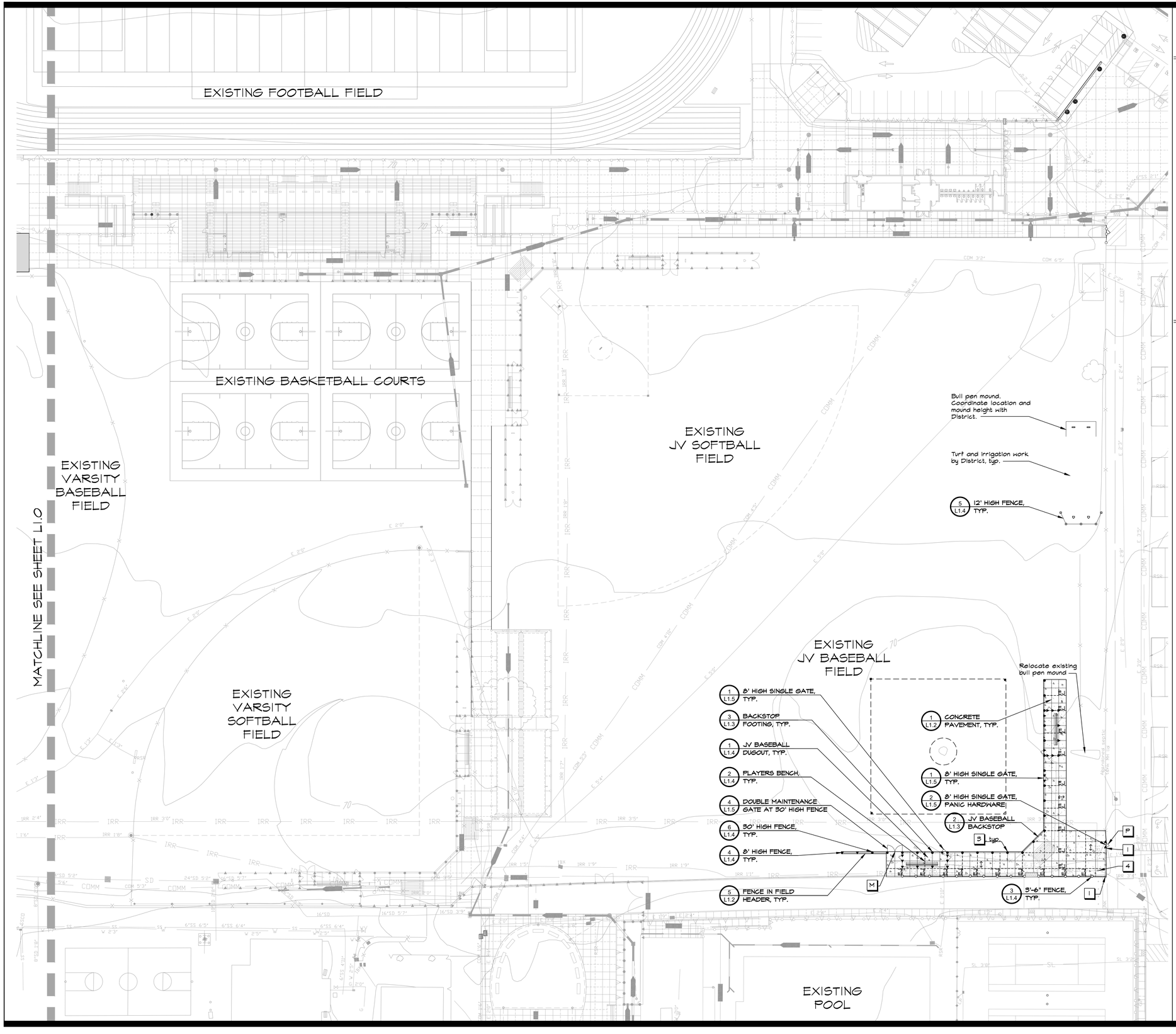
AUGUST 2, 2021

SHEET TITLE

MATERIAL AND DETAIL REFERENCE PLAN

SHEET NUMBER

L1.0



MATERIAL LEGEND

NOT ALL MAY APPEAR ON THIS SHEET

- Bleachers (Existing). See Architectural Drawings.
- 3'-6" High Fence
- 8' High Fence
- 12' High Fence
- 30' High Fence or Backstop
- Single Gate
- Double Gate
- EJ — Expansion Joint
- Control Joint
- Direction of broom finish
- Concrete Pavement. Concrete shall have a slip resistant broom finish in the direction shown on this sheet.
- Asphalt Pavement. See Architectural Drawings.
- Turf (NIC)

KEY NOTES

1. Connect new fence and gates to existing chain link fence, typ.
2. Existing tree shall remain, typ. Comply with Tree Preservation Standards on L1.2.
3. Infield fines shall be placed in areas where existing fines have been disturbed and added fines are required to create flush connection to adjacent surfaces. See Detail 2 on Sheet L1.2.
4. Provide and install concrete valve boxes at finish grade for existing utilities in the area of work, typ.

M	Maintenance Gate
P	Panic Hardware Gate

Refer to General Fencing and Gate Notes and Schedules on L1.5

0 30' 60'

GRAPHIC SCALE IN FEET
1"=30'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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. 10-31-22
STATE OF CALIFORNIA

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET,
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	BTI, HDJ
DRAWING SCALE:	1"=30'-0"
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

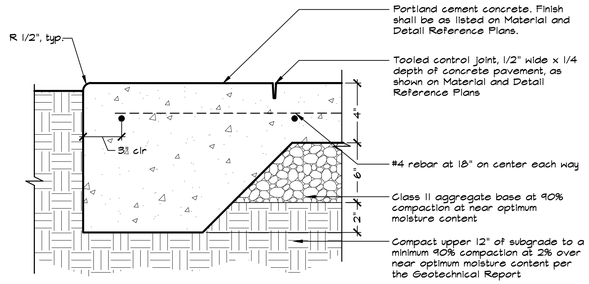
AUGUST 2, 2021

SHEET TITLE

MATERIAL AND DETAIL REFERENCE PLAN

SHEET NUMBER

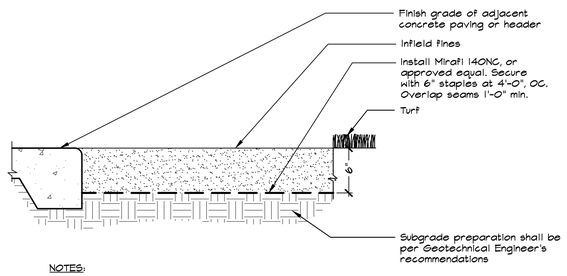
L1.1



NOTES:

1. See Concrete Notes on the Material and Detail Reference Plans in addition to requirements in the Specifications.
2. See Material and Detail Reference Plans for concrete finish.
3. See Material and Detail Reference Plans for tooled control joint and expansion joint locations.

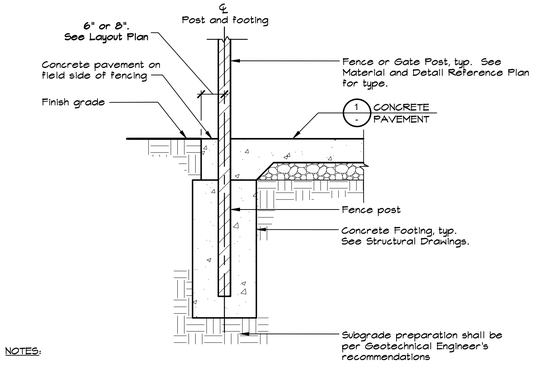
1 CONCRETE PAVEMENT
NOT TO SCALE



NOTES:

1. Infield fines shall be Infield Fines 70/30, available through Brown Sand Inc., Lathrop, CA, (209) 234-1500, or approved equal.
2. Geotextile fabric shall extend a minimum of 3" vertical at all edges of infield fines.
3. Contractor shall submit infield fines sample for District review and approval.

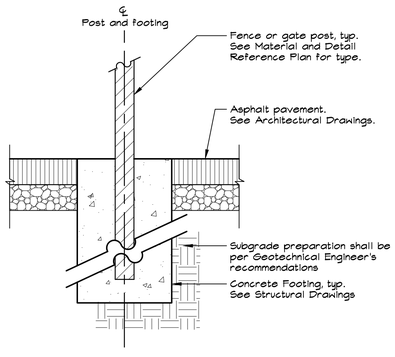
2 INFIELD FINES
NOT TO SCALE



NOTES:

1. See Concrete Notes on Sheet L1.0.
2. See Structural Drawings for fence footing design.
3. See General Fencing and Gate Notes and Schedules on Sheet L1.5.

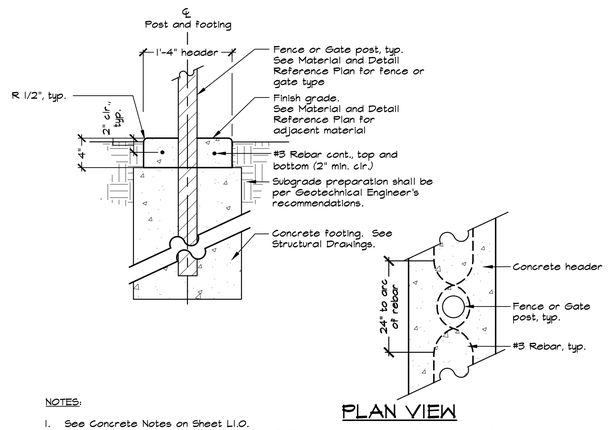
3 FENCE POST FOOTING AT CONCRETE PAVEMENT
NOT TO SCALE



NOTES:

1. See Concrete Notes on the Material and Detail Reference Plans.
2. See Structural Drawings for fence footing design.
3. See General Fencing and Gate Notes and Schedules on Sheet L1.5.

4 POST AT ASPHALT PAVEMENT
NOT TO SCALE



NOTES:

1. See Concrete Notes on Sheet L1.0.
2. Contractor shall install score joints at 10' OC spacing and alternating expansion joints every 20' on straight runs. On curved runs, score joints shall be at 5' OC spacing and alternating expansion joints every 10'.
3. Score joints shall align with fence posts.
4. See Structural Drawings for fence footing design.
5. See General Fencing and Gate Notes and Schedules on Sheet L1.5.

5 FENCE IN FIELD HEADER
NOT TO SCALE

TREE PRESERVATION STANDARDS

1. Tree Protection Specifications shall be utilized for the protection of trees to remain within the Limit of Work. Construction activity shall include, but is not limited to, grading, trenching, excavating, and operation of construction equipment or vehicles in the vicinity of the tree to be protected, or work which has the potential to harm or affect the health or vigor of the tree.
2. Roots of single standing trees often extend two to three times the distance of the actual drip line and function primarily in the uptake of nutrients and water. The drip line is arbitrarily established as the minimum root area generally required to preserve tree health. As much area around the circumference of the tree beyond the drip line shall have minimum intrusion to further ensure tree survival and health.
3. Original grade shall be maintained at all times in the immediate area of the root crown, where the soil contacts tree bole. No increase in grade shall be allowed under any circumstances in this area.
4. All underground work within tree drip lines shall be avoided wherever possible to reduce negative impact on trees. Underground utilities should be located well outside the tree drip line for preservation purposes.
5. All underground work required within the drip line of the trees and below original grade shall be previewed by the District to determine potential impact on trees. Hand trenching shall be required where existing tree root systems could be damaged by equipment.
6. Construction materials or facilities shall not be placed under the dripline of existing trees.
7. Root pruning shall be restricted to roots less than two (2) inches in diameter. Roots shall be cut with a sharp saw. Roots may not be severed, pulled or broken with any soil excavation equipment during grading or trenching. Cutting of roots larger than two (2) inches in diameter must be approved by the District.

TREE PROTECTION SPECIFICATIONS

Site Preparation Phase
The following work, #1 through #12, must be accomplished before any site clearing, grading or other earthwork occurs within 100 feet of trees that are to be retained.

1. The General Contractor and grading contractor are required to meet with the District's Consulting Arborist (CA) at the site prior to beginning work to review all work procedures, access routes and tree protection measures.
2. Tree Protection Zones (TPZ's) shall be a minimum of 12 times the diameter at breast height (DBH) of all protected trees. The boundaries of all TPZ's shall be staked in the field.
3. No change to grade or trenching shall take place within the Critical Radius, a minimum 5 times the DBH, of all protected trees without prior approval of the CA.
4. Trees to be removed that have branches extending into canopies of trees to remain must be removed by a qualified arborist, not by demolition or construction contractors.
5. Tree removals shall be performed so as to prevent damage to branches, trunks and roots of protected trees.
6. Trees to be removed from within a TPZ shall be removed by a qualified arborist. Stumps shall be cut as low as possible. If stump grinding is preferred by the owner or contractor, grinding shall not be deep enough to damage woody roots of adjacent protected trees.
7. All downed brush and trees shall be removed from TPZ's either by hand or with equipment sitting outside the TPZ, by lifting the material out, not by skidding across the ground.
8. Roots or other underground features to be removed where a TPZ would be disturbed shall be done so as to minimize disturbance. Equipment shall operate from outside the TPZ. The CA shall be on site during all operations within the TPZ to monitor activity.
9. Any pruning required for site preparation shall be performed by a qualified arborist and in accordance with current professional standards.
10. A four foot high visibility or comparable barrier fence, affixed with locking zip-ties to steel T posts shall be erected to fully enclose TPZ's, or partially enclose them.
11. Any tree damage resulting from grading or other site preparation work shall be reported to the Architect and CA within six hours so that remedial action can be taken. Timeliness is critical.
12. If temporary access pathways for vehicles must pass over TPZ's, Contractor shall place geogrid and a bed of 6 inches of coarse wood chip under the mulch to protect the soil and roots.

Construction Phase

1. The General Contractor and grading contractor are required to meet with the CA at the site prior to beginning work to review all work procedures, access routes and tree protection measures.
2. Tree protection fences erected before site grading shall remain in place throughout the construction phase and may not be relocated, detached or removed without written permission of the CA.
3. Construction trailers, traffic, parking and storage areas shall remain outside of fenced areas at all times.
4. All underground utilities, drainage or irrigation lines shall be routed outside the TPZ's as much as is feasible. If lines must traverse a TPZ they shall be tunneled or bored under trees, or hand excavated under observation of the CA to minimize root pruning.
5. No materials, equipment, spoil or waste or washout water shall be deposited, stored, or parked within a TPZ.
6. Additional tree pruning required for clearance during construction shall be performed by a qualified arborist and not by construction personnel.
7. If injury should occur to any tree during construction, it shall be evaluated as soon as possible by the CA so that appropriate treatments can be applied.
8. Any grading, trenching, construction, demolition or other work that is expected to encounter tree roots shall be observed by the CA.
9. The CA may require the General Contractor to apply supplementary irrigation for protected trees that have received root damage in the course of grading or construction work.
10. Before grading, pad preparation, or excavation for foundations, footings, walls, or trenching, any tree with a TPZ within or adjacent to such a location shall be evaluated by the CA and Contractor in order to establish a plan that will prevent or minimize tree damage. Such plans may include manual or pneumatic excavation to expose and evaluate roots, alternative construction techniques, root pruning observed by the CA.
11. Any woody roots damaged during grading and construction shall be exposed back to sound tissue by the Contractor and evaluated by the CA for further action, which might include cleanly severing damaged roots back to tight cambium or excising damaged bark.
12. Spoils from trenches or other excavations shall not be placed within TPZ's.
13. No debris, garbage or other waste materials shall be placed within TPZ's.
14. If temporary access pathways for vehicles must pass over TPZ's, Contractor shall place geogrid and a bed of 6 inches of coarse wood chip under the mulch to protect the soil and roots.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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
STEVEN STRANZL
No. 2790
Exp. 10-31-22
STATE OF CALIFORNIA

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET,
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	BTI, HDJ
DRAWING SCALE:	1"=30'-0"
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

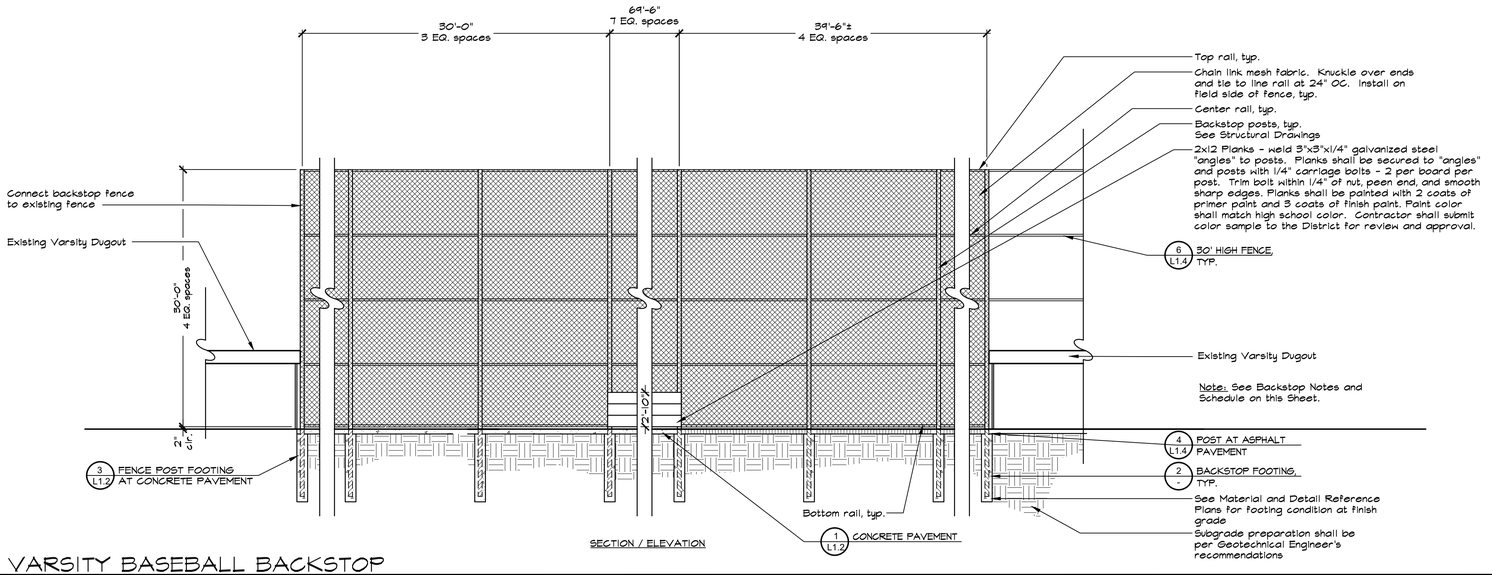
AUGUST 2, 2021

SHEET TITLE

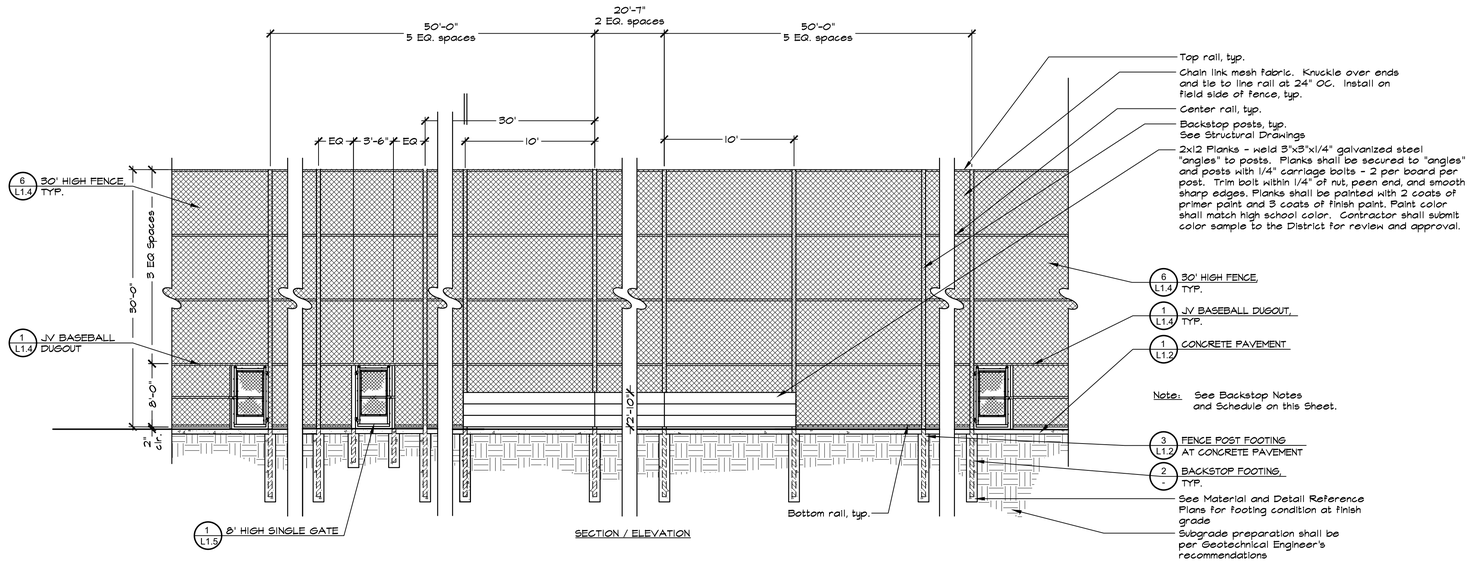
CONSTRUCTION DETAILS

SHEET NUMBER

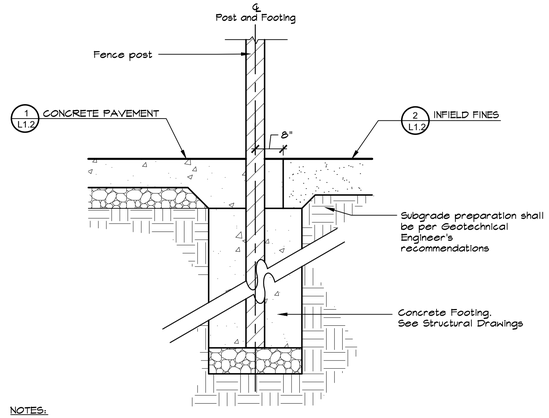
L1.2



1 VARSITY BASEBALL BACKSTOP
NOT TO SCALE



2 JV BASEBALL BACKSTOP
NOT TO SCALE



NOTES:

1. See Concrete Notes on Sheet L1.0.
2. Install control joints at each post location.
3. See Structural Drawings for footing design and specifications.

3 BACKSTOP FOOTING
NOT TO SCALE

BACKSTOP NOTES AND SCHEDULE

1. Details are for general reference. Contractor shall provide shop drawings prior to construction for approval by the District.
2. Chain link fabric shall be galvanized steel, 9 gauge, 2" mesh. All posts, hardware, and rails shall be galvanized steel.
3. Subgrade preparation shall be per Geotechnical Engineer's recommendations.
4. All gate hinge hardware shall be commercial/industrial quality.
5. See Concrete Notes on Sheet L1.0.
6. See Structural Drawings for post sizes and footing design.

Backstop Schedule

Description	Varsity Baseball Backstop	JV Baseball Backstop
Detail Reference	1 -	2 -
Backstop, Dugout, or Gate Post	See Structural Drawings	See Structural Drawings
Bottom Rail (STD SCH 40 Pipe)	2 3/8" OD	2 3/8" OD
Center Rails (STD SCH 40 Pipe)	2 3/8" OD	2 3/8" OD
Top Rail (STD SCH 40 Pipe)	2 3/8" OD	2 3/8" OD
Footing Size	See Structural Drawings	See Structural Drawings

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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. 10-31-22
STATE OF CALIFORNIA

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET,
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

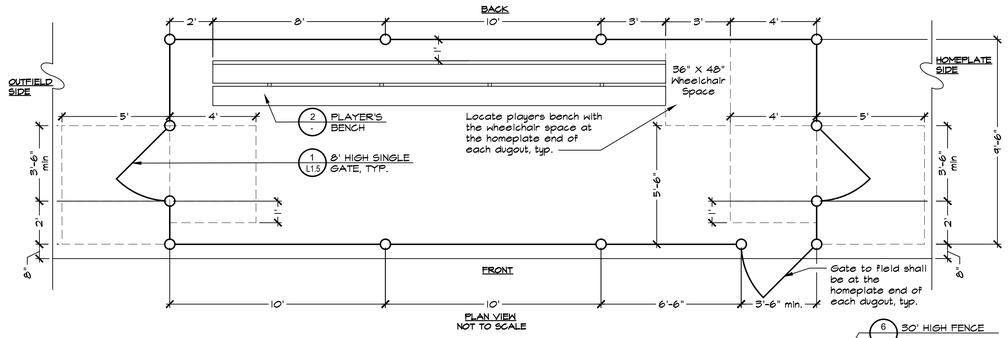
REVISIONS

DSA APP NO. 01-119543
ARCH PROJECT NO: 1923.00
DRAWN BY: BTI, HDJ
DRAWING SCALE: 1"=30'-0"
PTN: 61721-81 FILE NO: 7-H4
CONSTRUCTION DOCUMENTS
AUGUST 2, 2021
SHEET TITLE

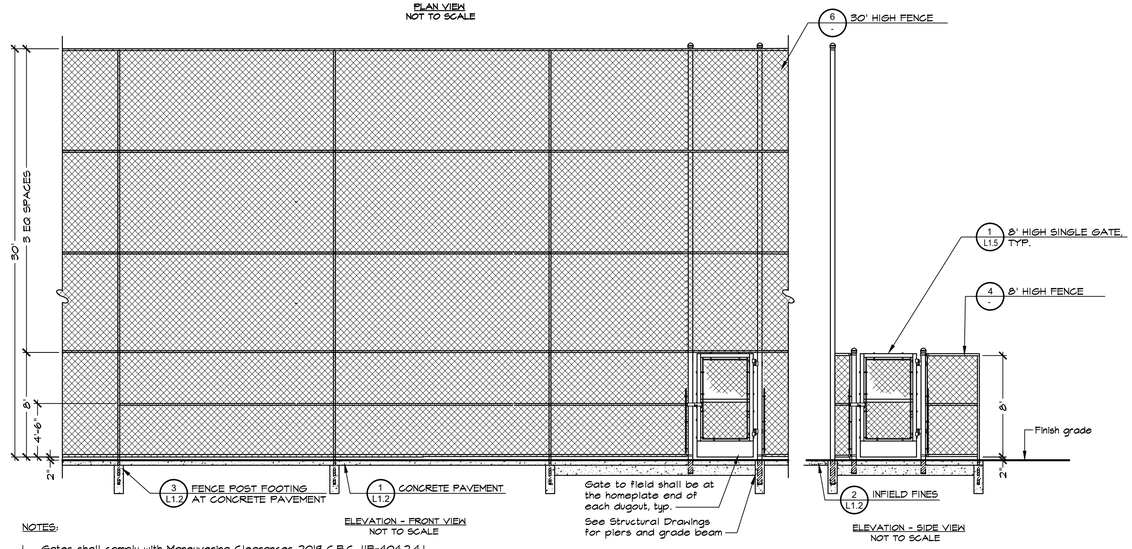
CONSTRUCTION DETAILS

SHEET NUMBER

L1.3



PLAN VIEW
NOT TO SCALE



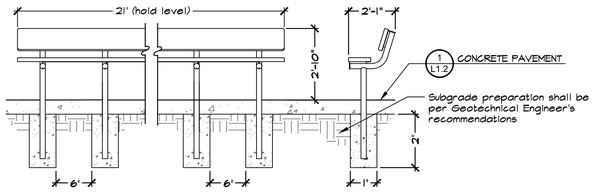
ELEVATION - FRONT VIEW
NOT TO SCALE

ELEVATION - SIDE VIEW
NOT TO SCALE

NOTES:

1. Gates shall comply with Maneuvering Clearances 2019 C.B.C. 11B-404.2.4.1.
2. Dugout orientation shown is for the 1st baseline dugout. Field gate, players bench and wheelchair space locations at the 3rd baseline dugout shall be mirrored so that gate and wheelchair space are on the homeplate side of the dugout. See Sheet L1.1 for the locations of the players benches and gates.

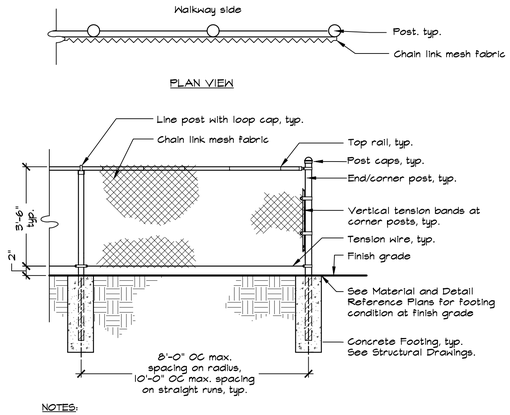
1 JV BASEBALL DUGOUT
NOT TO SCALE



NOTES:

1. Player's bench shall be P.W. Athletic Manufacturing Company, Model No. 1103-216 permanent aluminum bench with back, as available through Kelly O'Keefe at Miracle Play Systems, (707) 373-8341; kelly@miracleplaygroup.com, or approved equal.
2. All bench frames shall be schedule 40 galvanized steel pipe.
3. Legs shall be 2-3/8" OD.
4. Seat and back frame shall be 1-7/8" OD.
5. Seat and backrest shall be aluminum planking with annodized finish.
6. Frame shall be all welded construction. All welds shall be ground smooth and treated with cold galvanized compound.
7. All hardware shall be zinc-plated.
8. Mounting method shall be direct burial as shown.

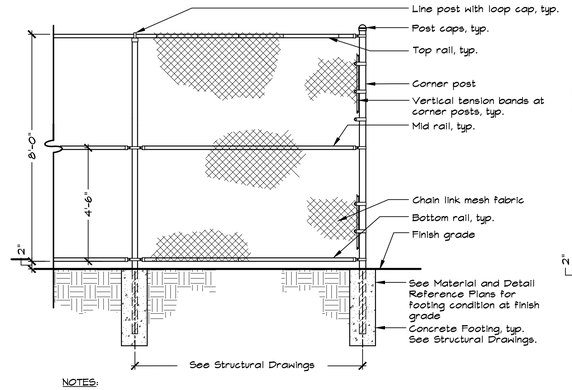
2 PLAYER'S BENCH
NOT TO SCALE



NOTES:

1. See General Fencing and Gate Notes and Schedules on Sheet L1.5.
2. See Material and Detail Reference Plans and Layout Plans for post locations.
3. See Structural Drawings for post and footing information.

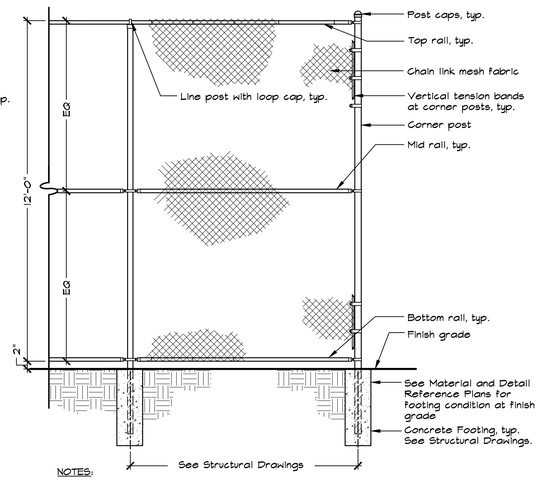
3 3'-6" HIGH FENCE
NOT TO SCALE



NOTES:

1. See General Fencing and Gate Notes and Schedules on Sheet L1.5.
2. See Material and Detail Reference Plans and Layout Plans for post locations.
3. See Structural Drawings for post and footing information.

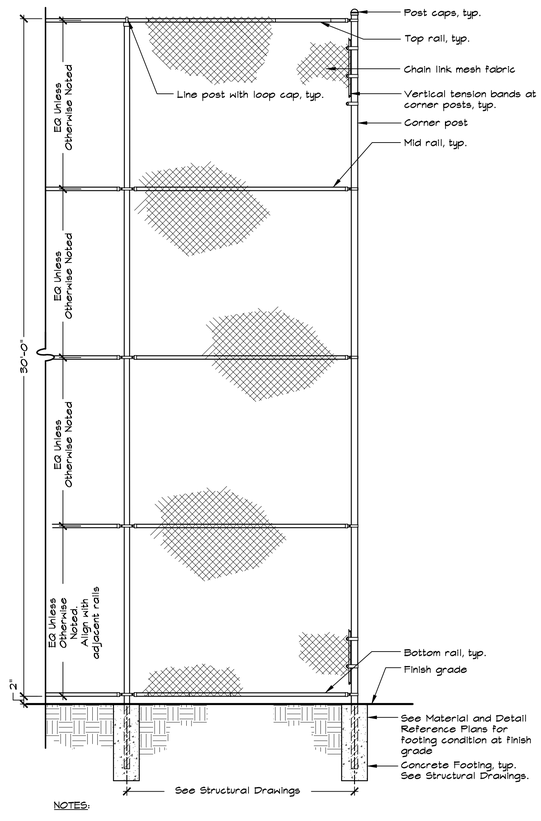
4 8' HIGH FENCE
NOT TO SCALE



NOTES:

1. See General Fencing and Gate Notes and Schedules on Sheet L1.5.
2. See Material and Detail Reference Plans and Layout Plans for post locations.
3. See Structural Drawings for post and footing information.

5 12' HIGH FENCE
NOT TO SCALE



NOTES:

1. See General Fencing and Gate Notes and Schedules on Sheet L1.5.
2. See Material and Detail Reference Plans and Layout Plans for post locations.
3. See Structural Drawings for post and footing information.

6 30' HIGH FENCE
NOT TO SCALE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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
STEVEN STRANZL
No. 2790
Exp. 10-31-22
STATE OF CALIFORNIA

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET,
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	BTI, HDJ
DRAWING SCALE:	1"=30'-0"
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

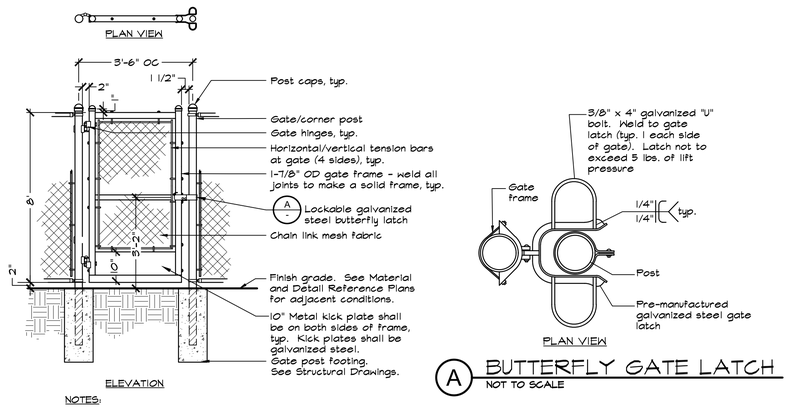
AUGUST 2, 2021

SHEET TITLE

CONSTRUCTION DETAILS

SHEET NUMBER

L1.4

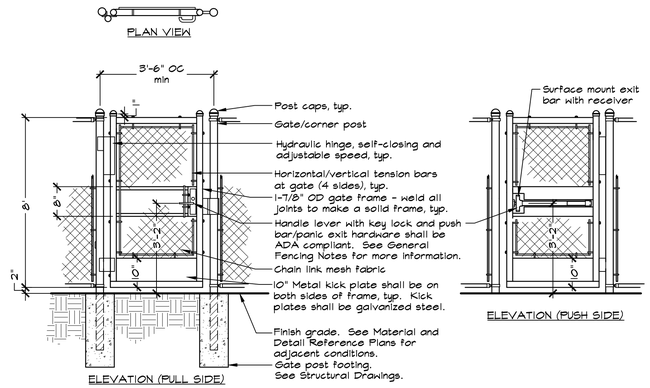


A BUTTERFLY GATE LATCH
NOT TO SCALE

NOTES:

1. See General Fencing and Gate Notes and Schedules on this Sheet.
2. See Material and Detail Reference Plans and Layout Plans for post locations.
3. See Structural Drawings for post and footing information.
4. Door opening shall provide clear width of 32 inches minimum, CBC 11B-404.2.3.

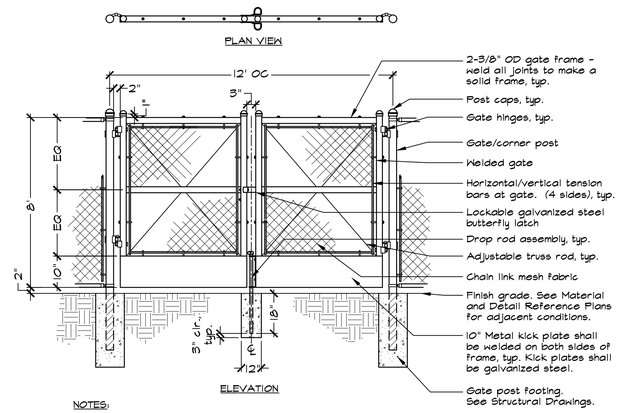
1 8' HIGH SINGLE GATE
NOT TO SCALE



NOTES:

1. See General Fencing and Gate Notes and Schedules on this Sheet.
2. See Material and Detail Reference Plans and Layout Plans for post locations.
3. See Structural Drawings for post and footing information.
4. Door opening shall provide clear width of 32 inches minimum, CBC 11B-404.2.3.

2 8' HIGH SINGLE GATE, PANIC HARDWARE
NOT TO SCALE



NOTES:

1. See General Fencing and Gate Notes and Schedules on this Sheet.
2. See Material and Detail Reference Plans and Layout Plans for post locations.
3. See Structural Drawings for post and footing information.

3 8' HIGH DOUBLE MAINTENANCE GATE
NOT TO SCALE

NOTES:

1. See General Fencing and Gate Notes and Schedules on this Sheet.
2. See Material and Detail Reference Plans and Layout Plans for post locations.
3. See Structural Drawings for post and footing information.

4 DOUBLE MAINTENANCE GATE AT 30' HIGH FENCE
NOT TO SCALE

Fence Schedule				
Description	3'-6" High Fence	8' High Fence	12' High Fence	30' High Fence
Detail Reference	3 / L1.4	4 / L1.4	5 / L1.4	6 / L1.4
Line Post	See Structural Drawings	See Structural Drawings	See Structural Drawings	See Structural Drawings
Corner/ End Post	See Structural Drawings	See Structural Drawings	See Structural Drawings	See Structural Drawings
Bottom Rail (STD SCH 40 Pipe)	1 5/8" OD	1 5/8" OD	2 3/8" OD	2 3/8" OD
Center Rail (STD SCH 40 Pipe)	1 5/8" OD	1 5/8 OD	2 3/8" OD	2 3/8" OD
Top Rail (STD SCH 40 Pipe)	1 5/8" OD	1 5/8" OD	2 3/8" OD	2 3/8" OD
Footing Size	See Structural Drawings	See Structural Drawings	See Structural Drawings	See Structural Drawings

Gate Schedule				
Description	8' High Single Gate	8' High Single Gate, Panic Hardware	8' High Double Maintenance Gate	Double Maintenance Gate at 30' High Fence
Detail Reference	1 / -	2 / -	3 / -	4 / -
Gate Post	See Structural Drawings	See Structural Drawings	See Structural Drawings	See Structural Drawings
Gate Frame (STD. SCH 40 Pipe)	1 7/8" OD	2 3/8" OD	2 3/8" OD	2 3/8" OD
Footing Size	See Structural Drawings	See Structural Drawings	See Structural Drawings	See Structural Drawings

GENERAL FENCING AND GATE NOTES AND SCHEDULES

1. Details are for general reference. Contractor shall provide shop drawings prior to construction for approval by the District. Contractor shall include all hardware types and manufacturers' information within shop drawings.
2. Designated gates shown on L1.0 and L1.1 shall be accessible, have push bar and lockable lever with cylinder dogging, push pad armor, push bar with trim, weep holes and keyed lever; all in stainless steel finish. The lever shall be curved with a return to within ½ inch of the door to prevent catching on the clothing of persons during egress. Von Duprin, or equal, product number; CD x AX x PA x 8BL x WH x 996L-NL x 630. Lock shall have an interchangeable large format lock, cylinder dogging and night latch feature. Schlage Lock product number: 20-057 D124 (996L) and 20-061 D124 x XGII-94B 630 (CD). Contact Debbie White at Allegion for ordering information. (925) 463-7702, Debbie.White@allegion.com.
3. Panic exit hardware shall comply with CBC 1010.10 Panic Hardware: Exit devices are required to unlatch with a maximum 5 lbs. force per 11B-404.2.7 and 11B-309.4. Exit devices are required to comply with SFM Standard 12-10-302. (Cross bars shall extend across not less than one-half of the door/gate. The ends of the cross-bar shall be curved, guarded or otherwise designed to prevent catching on the clothing of persons during egress.
4. Chain link fabric shall be galvanized steel, 9 gauge, 2" mesh. All posts, hardware, and rails shall be galvanized steel.
5. All gate hinge hardware shall be commercial/industrial quality.
6. Gates with self-closing hinges shall have Locinox Mammoth hinge sets, or approved equal. Hardware shall match gate finish. Hinges shall be adjusted so that from an open position of 90°, the time required to move the door to a position of 12° from the latch is 5 sec. min., CBC 11B-404.2.8.1.
7. All overlapping fence fabric shall be cut and knuckled together.
8. See Concrete Notes on Sheet L1.0.
9. See Structural Drawings for post and footing information.
10. Subgrade preparation shall be per Geotechnical Engineer's recommendations.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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. 10-31-22
STATE OF CALIFORNIA

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET,
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	BTI, HDJ
DRAWING SCALE:	1"=30'-0"
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

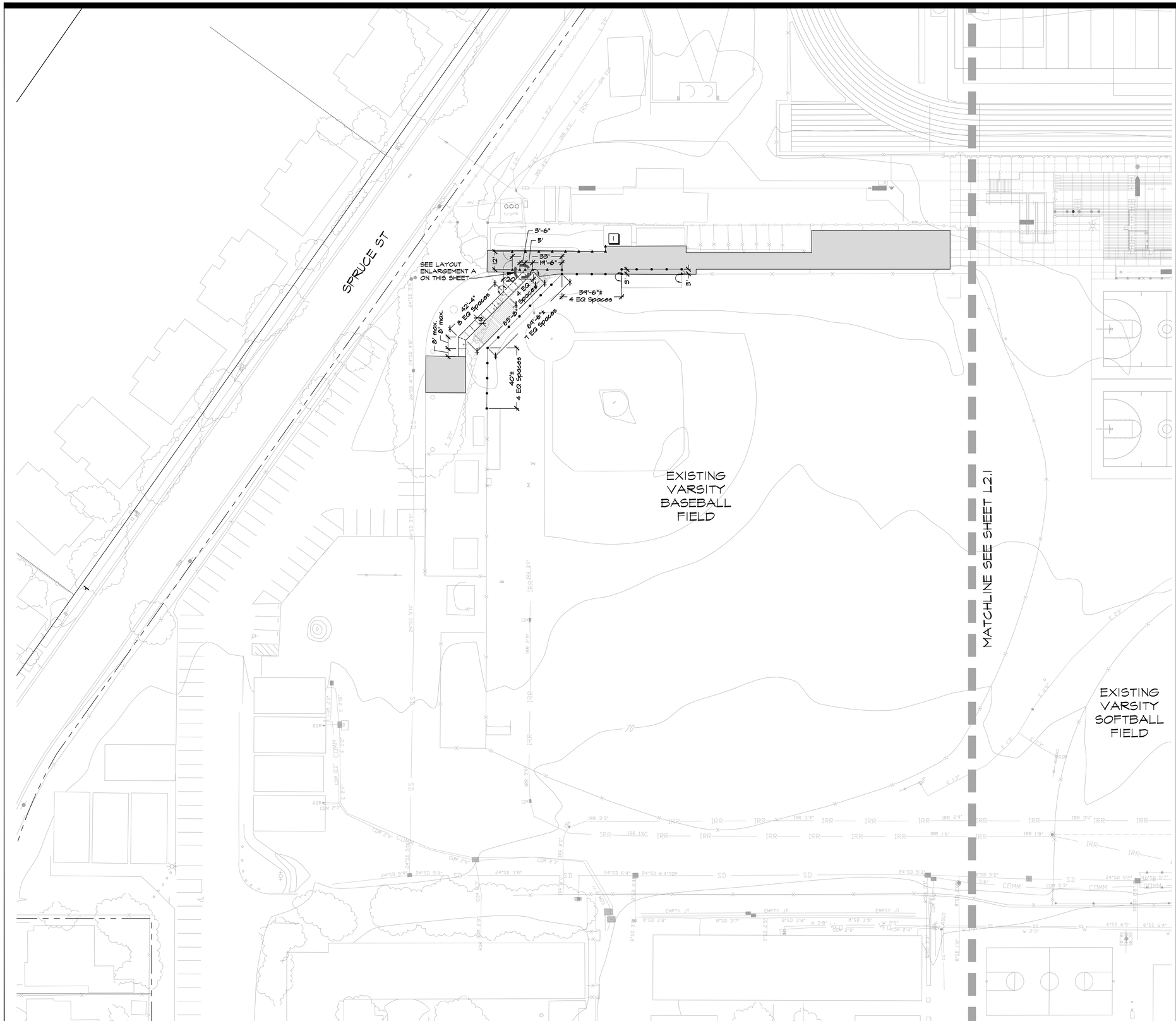
AUGUST 2, 2021

SHEET TITLE

CONSTRUCTION DETAILS

SHEET NUMBER

L1.5



LAYOUT LEGEND

NOT ALL MAY APPEAR ON THIS SHEET

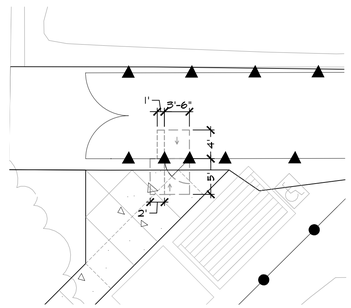
- X–RX'-Y"– Radial Dimension
- X' Arc Dimension
- X" Linear Dimension
- Align
- Guideline to show alignment
- EQ Equal
- ℄—·—·— Centerline
- MA Midpoint of Arc
- PT Point of Tangency
- Clr Clear Opening
- 90 Degree Angle
- Control Points:

KEY NOTES

1. Fence shall be less than 4" clear from edge of buildings.

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 1-800-227-2600 or 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 Architect and obtain a clarification. No deviation or substitution shall be allowed without obtaining written approval from the Architect.
4. This Plan does not represent a Property Line Survey. Property lines shown hereon may not represent the true position of the line.
5. The Contractor shall coordinate all construction elements including utility locations and required sleeving prior to installation of any underground utilities.
6. The Contractor shall verify critical dimensions, reference and control point locations and construction conditions prior to construction.
7. All dimensions shall be verified in the field, chalked painted, and/or string lined. Any minor adjustments required to achieve overall design layout shall be reviewed and approved by the Architect prior to construction.
8. All materials shall be furnished and installed by the Contractor per Manufacturer's specifications, unless otherwise noted in these Plans or Specifications.
9. Existing features and topographic information have been taken from Survey performed by Carlson Barbee, & Gibson, Inc. on November 7, 2017, 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.



NOTES:

1. Gates shall comply with Maneuvering Clearances 2019 C.B.C. 11B-404.2.4.1.

1 LAYOUT ENLARGEMENT A
SCALE: 1"=10'

0 30' 60'

GRAPHIC SCALE IN FEET
1"=30'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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. 10-31-22
STATE OF CALIFORNIA

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET,
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	BTI, HDJ
DRAWING SCALE:	1"=30'-0"
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

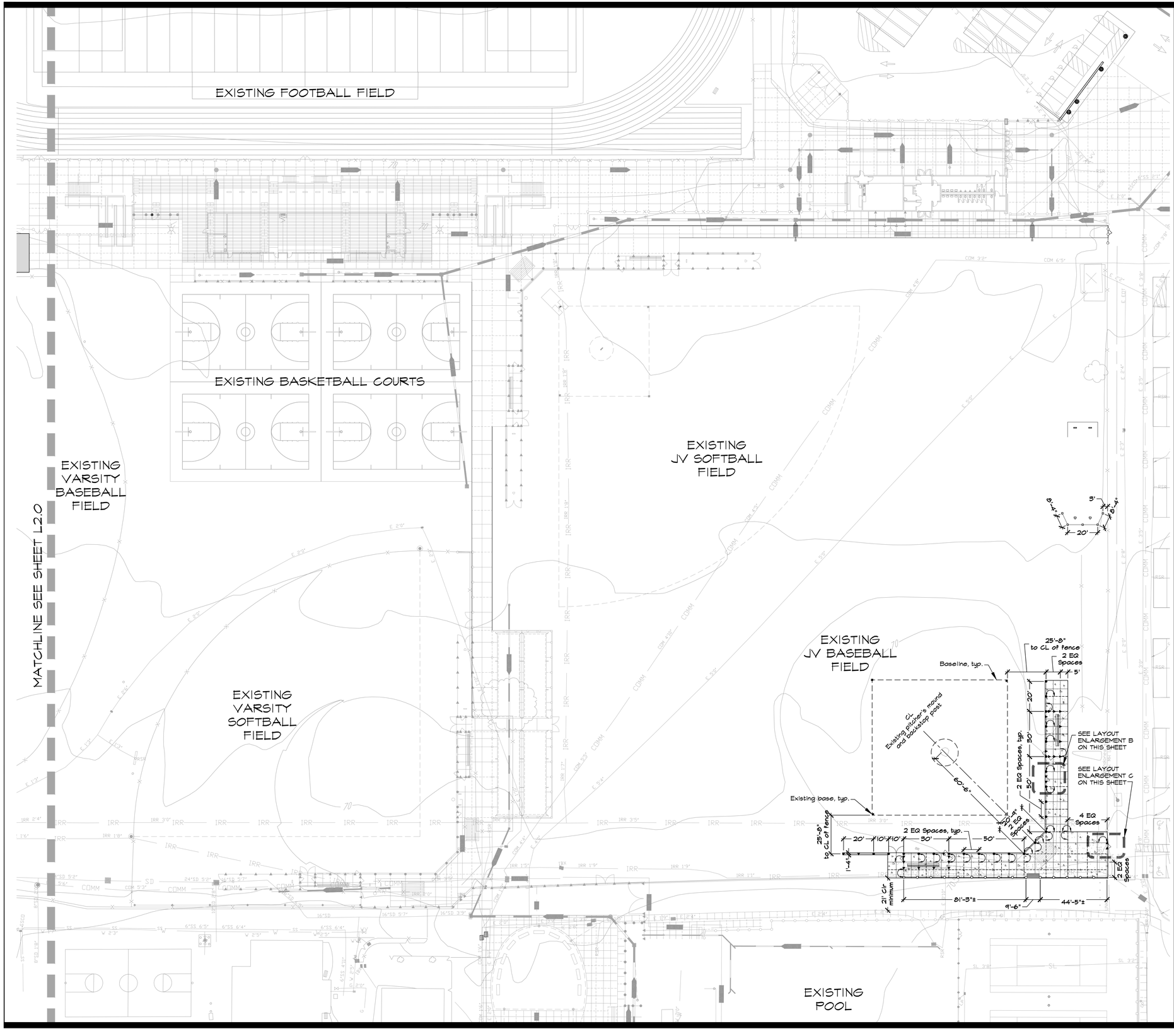
AUGUST 2, 2021

SHEET TITLE

LAYOUT PLAN

SHEET NUMBER

L2.0



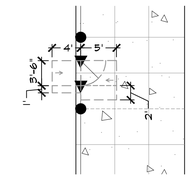
LAYOUT LEGEND

NOT ALL MAY APPEAR ON THIS SHEET

- X–RX'-Y" Radial Dimension
- X' Arc Dimension
- X" Linear Dimension
- Align
- Guideline to show alignment
- EQ Equal
- ℄—·—℄ Centerline
- MA Midpoint of Arc
- PT Point of Tangency
- Clr Clear Opening
- 90 Degree Angle
- Control Points:

SHEET NOTES

1. See sheet L2.0 for Layout Notes.
2. Contractor shall verify that layout of existing bases and pitching rubber complies with current National Federation of State High School Associations (NFHS) rules book. Relocate and adjust grade as required.

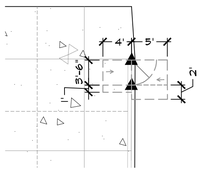


NOTES:

1. Gates shall comply with Maneuvering Clearances 2019 C.B.C. 11B-404.2.4.1.

1 LAYOUT ENLARGEMENT B

SCALE: 1"=10'



NOTES:

1. Gates shall comply with Maneuvering Clearances 2019 C.B.C. 11B-404.2.4.1.

2 LAYOUT ENLARGEMENT C

SCALE: 1"=10'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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. 10-31-22
STATE OF CALIFORNIA

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET,
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	BTI, HDJ
DRAWING SCALE:	1"=30'-0"
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

AUGUST 2, 2021

SHEET TITLE

LAYOUT PLAN

SHEET NUMBER

L2.1

ENLARGED SITE PLAN KEYNOTES

NOT ALL KEYNOTES MAY APPLY TO THIS SHEET

1. (E) CONCRETE PAVING, S.L.D.
2. (E) AC PAVING, S.L.D.
3. REMOVE (E) BASEBALL BACKSTOP, REPLACE W/ 30-FOOT HIGH BACKSTOP FROM BASE TO BASE, S.L.D. AND S.S.D.
4. REMOVE (E) BASEBALL DUGOUT, REPLACE W/ NEW, S.L.D.
5. CONCRETE PAVING, FLUSH W/ ADJACENT PAVING, S.L.D.
6. REMOVE (E) CHAIN LINK FENCE
7. (E) BLEACHERS / LESS THAN (5) ROWS
8. 36"X48" ACCESSIBLE SEATING AREA ON CONCRETE
9. AC PAVING, FLUSH W/ (E) ADJACENT PAVING, S.L.D. (3 / A-1.3) (7 / A-1.3)
10. (E) VARSITY BASEBALL DUGOUT
11. (E) TURF TO REMAIN
12. REMOVE (E) BACK STOP FENCING AND CONCRETE WALL. REMOVE AND RETAIN (E) WALL PADDING FOR INSTALLATION ON NEW WORK
13. 30-TALL BACK STOP FENCING, S.L.D. & S.S.D.
14. (E) CHAIN LINK FENCE
15. (E) VARSITY BASEBALL BULLPEN TO REMAIN, S.L.D.
16. JV BASEBALL BULLPEN, S.L.D.
17. (E) STORAGE SHED TO REMAIN
18. (E) BATTING CAGE TO REMAIN
19. REMOVE (E) AC PAVING, REPLACE W/ AC PAVING AND ACCESSIBLE PARKING STALLS, S.L.D. AND DETAIL (1 / A-1.3)
20. REMOVE AND PRESERVE (E) BLEACHERS, REINSTALL AFTER NEW CONCRETE PAVING, S.L.D.
21. REMOVE (E) CONCRETE PAVING, REPLACE W/ NEW. S.L.D.
22. CHAIN LINK FENCE/GATE(S), S.L.D.
23. TACTILE WARNING, S.L.D AND SEE DETAIL (4 / A-1.3)

FG 67.90
FG 67.9
FG 67.80
FG 67.85

(E) BUILDING B / FITNESS BUILDING, DSA # 01-117742

NORTH

ENLARGED SITE PLAN 1
1" = 20'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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

LICENSED ARCHITECT
JIM THEISS
LICENSE # C22643
EXP JUNE 30, 2023
STATE OF CALIFORNIA

SIGNED: August 2, 2021

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	PAG
DRAWING SCALE:	1" = 20'-0"
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

August 2, 2021

SHEET TITLE

ENLARGED SITE PLAN

SHEET NUMBER

A-1.1

P:\1923.00 - Liberty HS Backstops, LUHSD\Drawings\04-CD\PDFs 01 DSA Submittal\1923.00 LIBERTY HS BACKSTOP REPLACEMENT.pln;8/2/2021;12:17 PM

ENLARGED SITE PLAN

1" = 20'

ENLARGED SITE PLAN KEYNOTES

NOT ALL KEYNOTES MAY APPLY TO THIS SHEET

1. (E) CONCRETE PAVING, S.L.D.
2. (E) AC PAVING, S.L.D.
3. REMOVE (E) BASEBALL BACKSTOP, REPLACE W/ 30-FOOT HIGH BACKSTOP FROM BASE TO BASE, S.L.D. AND S.S.D.
4. REMOVE (E) BASEBALL DUGOUT, REPLACE W/ NEW, S.L.D.
5. CONCRETE PAVING, FLUSH W/ ADJACENT PAVING, S.L.D.
6. REMOVE (E) CHAIN LINK FENCE
7. (E) BLEACHERS / LESS THAN (5) ROWS
8. 36"X48" ACCESSIBLE SEATING AREA ON CONCRETE
9. AC PAVING, FLUSH W/ (E) ADJACENT PAVING, S.L.D. (3 / A-1.3) (7 / A-1.3)
10. (E) VARSITY BASEBALL DUGOUT
11. (E) TURF TO REMAIN
12. REMOVE (E) BACK STOP FENCING AND CONCRETE WALL. REMOVE AND RETAIN (E) WALL PADDING FOR INSTALLATION ON NEW WORK
13. 30-TALL BACK STOP FENCING, S.L.D. & S.S.D.
14. (E) CHAIN LINK FENCE
15. (E) VARSITY BASEBALL BULLPEN TO REMAIN, S.L.D.
16. JV BASEBALL BULLPEN, S.L.D.
17. (E) STORAGE SHED TO REMAIN
18. (E) BATTING CAGE TO REMAIN
19. REMOVE (E) AC PAVING, REPLACE W/ AC PAVING AND ACCESSIBLE PARKING STALLS, S.L.D. AND DETAIL (1 / A-1.3)
20. REMOVE AND PRESERVE (E) BLEACHERS, REINSTALL AFTER NEW CONCRETE PAVING, S.L.D.
21. REMOVE (E) CONCRETE PAVING, REPLACE W/ NEW. S.L.D.
22. CHAIN LINK FENCE/GATE(S), S.L.D.
23. TACTILE WARNING, S.L.D AND SEE DETAIL (4 / A-1.3)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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

LICENSED ARCHITECT
JIM THEISS
LICENSE # C22643
EXP JUNE 30, 2023
STATE OF CALIFORNIA

SIGNED: August 2, 2021

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	PAG
DRAWING SCALE:	1" = 20'-0"
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

August 2, 2021

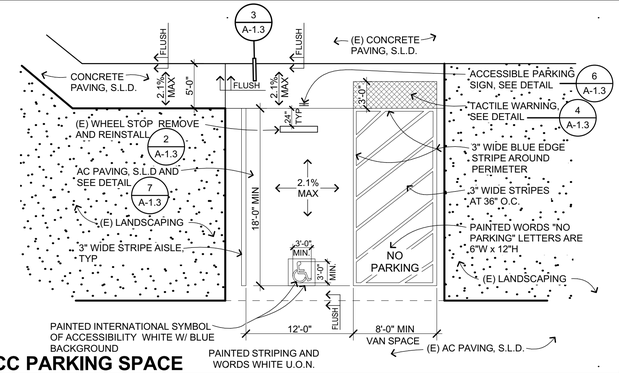
SHEET TITLE

ENLARGED SITE PLAN

SHEET NUMBER

A-1.2

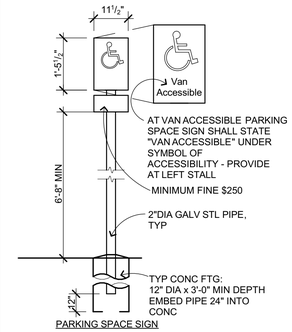
P:\1923.00 - Liberty HS Backstops, LUHSD\Drawings\04-CD\PDFs 01 DSA Submittal\1923.00 LIBERTY HS BACKSTOP REPLACEMENT.pln:8/2/2021 12:17 PM



ACC PARKING SPACE

1/8" = 1'-0"

1

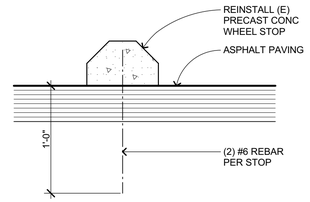


PARKING SPACE SIGN

ACCESSIBLE PARKING SIGN

1/2" = 1'-0"

6

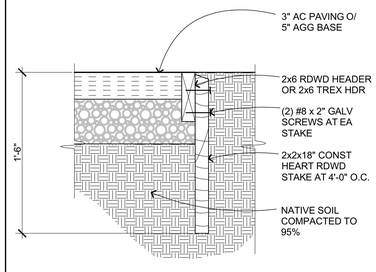


(E) WHEEL STOP

1 1/2"= 1'-0"

G204302

2

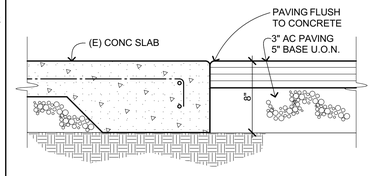


AC PAVING EDGE

1 1/2"= 1'-0"

G201101

7

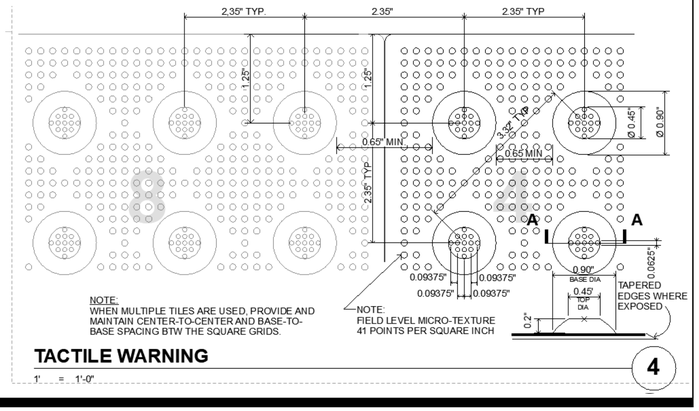


(E) CONC EDGE AT AC PAVING

1 1/2"= 1'-0"

G203104

3



TACTILE WARNING

1' = 1'-0"

4

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

LICENSED ARCHITECT
JIM THEISS
LICENSE # C22643
EXP JUNE 30, 2023
STATE OF CALIFORNIA

SIGNED: August 2, 2021

LIBERTY HIGH SCHOOL

BASEBALL BACKSTOP REPLACEMENT

850 2ND STREET
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

DSA APP NO. 01-119543

ARCH PROJECT NO:	1923.00
DRAWN BY:	PAG
DRAWING SCALE:	AS NOTED
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

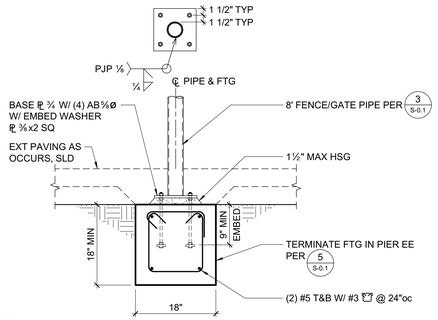
August 2, 2021

SHEET TITLE

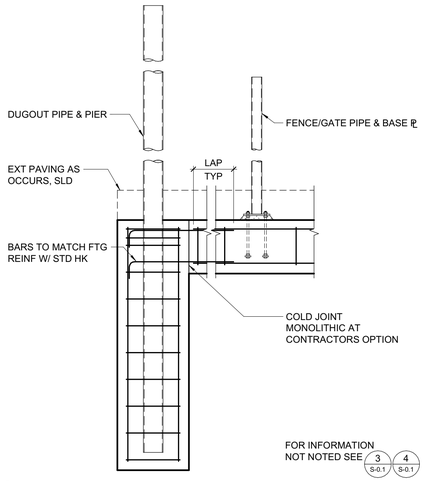
SITE DETAILS

SHEET NUMBER

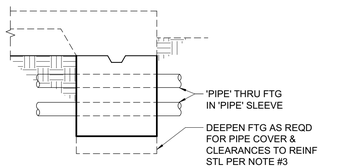
A-1.3

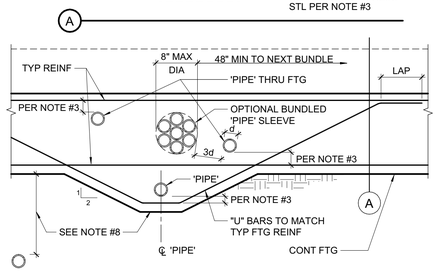


4 FENCE/GATE WITH BASE PLATE TO FOOTING
3/4" = 1'-0"



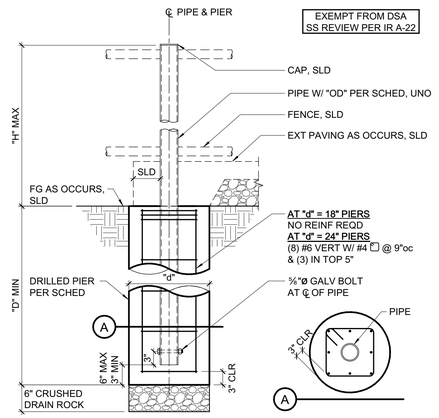
5 FENCE/GATE CLOSE TO BACKSTOP PIERS
1/2" = 1'-0"





NOTES:
1. 'PIPE' = ANY PENETRATION THRU OR EMBEDDED IN FOUNDATION.
2. ALL PIPES THROUGH FOOTINGS TO BE WRAPPED OR SLEEVED AS FOLLOWS:
   a. SLEEVES: PROVIDE 1" MIN CLEAR ALL AROUND O.D. PIPE TO I.D. SLEEVE, UNO. SEAL SLEEVE ENDS W/ MASTIC OR PLASTIC BITUMINOUS CEMENT.
   b. WRAPPED VERTICAL PIPES: PROVIDE ⅛" NOMINAL SHEET FOAM W/ (3) WRAPS MINIMUM, UNO.
   c. WRAPPED HORIZONTAL PIPES: PROVIDE ¼" NOMINAL SHEET FOAM W/ (8) WRAPS MINIMUM, UNO.
   d. UNDERGROUND FIRE LINES 4" AND LARGER:
      1. SLEEVES: PROVIDE 2" MIN CLEAR ALL AROUND O.D. PIPE TO I.D. SLEEVE. SEAL ENDS PER ABOVE.
      2. WRAPPED: PROVIDE ¼" NOMINAL SHEET FOAM W/ (16) WRAPS MINIMUM.
3. WRAPPED AND SLEEVED PIPES SHALL HAVE 1½" MIN CLEAR TO REINF STEEL. MINIMUM CONCRETE COVER AT PIPES TO BE 3".
4. CLEARANCE BETWEEN 'PIPES' TO BE 3d MIN TYP W/ A MAXIMUM OF (8) PIPES PER 48". GROUPS OF PIPES MAY BE BUNDLED AS SHOWN.
5. NO 'PIPE' TO RUN PARALLEL IN FOOTINGS.
6. NO HORIZONTAL PIPES ALLOWED THROUGH FOOTING WITHIN 2'-0" EACH SIDE OF STEEL COLUMNS.
7. PROVIDE 18" MIN OF COMPACTED FILL ABOVE PIPES UP TO 12'ø, FOR LARGER PIPES INCREASE COMPACTED FILL DEPTH 1'-0" FOR EACH 6" INCREASE IN PIPE DIAMETER. OTHERWISE DEEPEN FOOTING AS SHOWN.

2 PIPES THRU FOOTING
3/4" = 1'-0"



PIPE & PIER SCHEDULE

TYPE	WIND SCREEN?	"H" MAX PIPE HT ABV GR	"OD" MIN SIZE	MAX SPCG BTWN PIPES	"D" MIN PIER DEPTH	"d" PIER DIA
3'-6" FENCE	NO	3'-6"	1⅛"	10'-0"	5'-0"	18"
8' FENCE	NO	8'-0"	3½"	10'-0"	5'-0"	18"
8' SINGLE OR DOUBLE GATE	NO	8'-0"	3½"	12'-0"	5'-0"	18"
BACKSTOP & BACKSTOP W/ DOUBLE GATE	NO	30'-0"	6⅝"	10'-0"	12'-0"	24"

NOTES:
1. IF GROUND WATER IS ENCOUNTERED AT PIERS CONSULT GEOTECHNICAL ENGINEER FOR PIER CASTING REQUIREMENTS.
2. WINDSCREENS, PRIVACY NETTINGS, AND SLATS ARE ALLOWED ONLY WHERE SPECIFICALLY NOTED.
3. WHERE PIERS CANNOT BE SPACED 3 x "d" APART, PROVIDE BASE PLATE AND FOOTING PER 4 S-0.1 & 5 S-0.1

3 FENCE PIPE EMBEDDED IN PIER
3/4" = 1'-0"

E MATERIAL DATA

(INFORMATION SHOWN IS FOR STRUCTURAL DESIGN REFERENCE ONLY. SEE THE PROJECT SPECIFICATIONS FOR ALL MATERIAL SPECIFICATIONS.)

CONCRETE 28-DAY MINIMUM DESIGN STRENGTH:
F'c = 3,000 PSI FOUNDATIONS

REINFORCING STEEL:
ASTM A615 GRADE 60 OR A706 GRADE 60 (F_y = 60,000 PSI)

STRUCTURAL STEEL (UNO):
PLATES - ASTM A36 (F_y = 36,000 PSI)
PIPES - ASTM A53 GRADE B (Fy = 35,000 PSI)

FASTENERS:
MACHINE BOLTS SHALL BE ASTM A307 GRADE A
ANCHOR RODS SHALL BE ASTM F1554 GR 36 UNO
ARC-WELDING ELECTRODES SHALL BE E70

SHEET INDEX

ABBREVIATIONS

AB	ANCHOR BOLT	FTG	FOOTING	PNL	PANEL
ABV	ABOVE	GA	GAGE or GAUGE	PSF	POUNDS PER SQUARE FOOT
AC	AIR CONDITIONING	GALV	GALVANIZED	PSI	POUNDS PER SQUARE INCH
ADJ	ADJACENT	GB	GRADE BEAM	PSL	PARALLEL STRAND LUMBER
ADDL	ADDITIONAL	GL	GRIDLINE	PTDF	PRESSURE TREATED DOUGLAS FIR
ALT	ALTERNATE	GLB	GLUE LAMINATED BEAM		
ALUM	ALUMINUM	GR	GRADE	PT	POINT
ARCH	ARCHITECT	HD	HOLD DOWN	R	RADIUS
AYC	ALASKAN YELLOW CEDAR	HDG	HOT-DIP GALVANIZED	RBS	REDUCED BEAM SECTION
@	AT	HDR	HEADER	RFTR	RAFTER
BF	BRACED FRAME	HGR	HANGER	REF	REFERENCE
BLDG	BUILDING	HK	HOOK	REINF	REINFORCING
BLK/BLKG	BLOCK/BLOCKING	HORIZ	HORIZONTAL	REQD	REQUIRED
BLW	BELOW	HSB	HIGH STRENGTH BOLT	RET	RETAINING
BM	BEAM	HSG	HIGH STRENGTH GROUT	REV	REVISION
BN	BOUNDARY NAIL	HSH	HORIZONTAL SLOTTED HOLE	RF	ROOF
BOT	BOTTOM	HSS	HOLLOW STRUCTURAL SECTION	RWD	REDWOOD
BRG	BEARING	HT	HEIGHT	S	AMERICAN STANDARD BEAM
BTWN	BETWEEN	ID	INSIDE DIAMETER	SAD	SEE ARCHITECTURAL DRAWINGS
BU	BUILT-UP	IJ	I SHAPED WOOD BUILT UP TRUSS	SB	SOLID BLOCK
BYND	BEYOND	INT	INTERIOR	SCHED	SCHEDULE
C	AMERICAN STANDARD CHANNEL	JST	JOIST	SED	SEE ELECTRICAL DRAWINGS
CA	CALIFORNIA	JT	JOINT	SEOR	STRUCTURAL ENGINEER OF RECORD
CANT	CANTILEVER	KP	KING POST	SFRS	SEISMIC FORCE RESISTING SYSTEM
CB	CARRIAGE BOLT	L	STEEL ANGLE	SHTG	SHEATHING
CFS	COLD FORMED STEEL	Lb or #	POUND(s)	SIM	SIMILAR
CIP	CAST IN PLACE	LGMF	LIGHT GAGE METAL FRAMING	SKYLT	SKYLIGHT
CJP	CERTIFIED GLUED LUMBER	LGMFC	LIGHT GAGE METAL FRAMING CONTRACTOR	SLD	SEE LANDSCAPE DRAWINGS
CLG	CONTROL JOINT	LL	LIVE LOAD	SMS	SHEET METAL SCREW
CLR	CENTERLINE	LLH	LONG LEG HORIZONTAL	SMD	SEE MECHANICAL DRAWINGS
COL	COLUMN	LLV	LONG LEG VERTICAL	SOG	SLAB ON GRADE
CONC	CONCRETE	LOC	LOCATION	SPCG	SPACING
CONN	CONNECTION	LS	LAG SCREW	SPD	SEE PLUMBING DRAWINGS
CONT	CONTINUOUS	LSL	LAMINATED STRAND LUMBER	SPEC	SPECIFICATION
COORD	COORDINATE/ COORDINATION	LVL	LAMINATED VENEER LUMBER	SQ	SQUARE
CMU	CONCRETE MASONRY UNIT	LWC	LIGHTWEIGHT CONCRETE	SS	SELECT STRUCTURAL or STAINLESS STEEL
CSK	COUNTERSINK	MAX	MAXIMUM	STGR	STAGGERED
CW	CUT WASHER	MB	MACHINE BOLT	STD	STANDARD
DBA	DEFORMED BAR ANCHOR	MBM	METAL BUILDING MANUFACTURER	STIFF	STIFFENER
DBL	DOUBLE	MC	MISCELLANEOUS CHANNEL	STL	STEEL
DCW	DEMAND CRITICAL WELD	MECH	MECHANICAL	STRUCT	STRUCTURAL
DF	DOUGLAS FIR	MEZZ	MEZZANINE	SW	SHEAR WALL
DIA or ø	DIAMETER	MF	MOMENT FRAME	SYM	SYMMETRICAL
DIAG	DIAGONAL	MFR	MANUFACTURER	T&B	TOP AND BOTTOM
DIM	DIMENSION	MIN	MINIMUM	T&G	TONGUE AND GROOVE
DIST	DISTANCE	MISC	MISCELLANEOUS	THK	THICK
DJ	DOWEL JOINT	MW	MALLEABLE IRON WASHER	THRD	THREADED
DL	DEAD LOAD	MTL	METAL	THRU	THROUGH
DN	DOWN	MU	MECH UNIT	TL	TOTAL LOAD
DO	DITTO	(N)	NEW	TN	TOE NAIL
DWG	DRAWING	N/A	NOT APPLICABLE	TOC	TOP OF CONCRETE
DWL	DOWEL	NO or #	NUMBER	TOF	TOP OF FRAMING
EA	EACH	NS	NEAR SIDE	TOM	TOP OF MASONRY
EE	EACH END	NSG	NON-SHRINK GROUT	TOP	TOP OF PLYWOOD
EF	EACH FACE	NTS	NOT TO SCALE	TOS	TOP OF STEEL
ELEC	ELECTRICAL	NWC	NORMAL-WEIGHT CONCRETE	TOT	TOTAL
ELEV	ELEVATOR/ELEVATION	O/	OVER	TU	TILT UP
EMBED	EMBEDMENT	oc	ON CENTER	TYP	TYPICAL
EQ	EQUAL	OD	OUTSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE
EQUIP	EQUIPMENT	OH	OPPOSITE HAND	VERT	VERTICAL
ES	EACH SIDE	OPNG	OPENING	VIF	VERIFY IN FIELD
EW	EACH WAY	OPP	OPPOSITE	VSH	VERTICAL SLOTTED HOLE
(E)	EXISTING	OVS	OVERSIZED	W	WIDE FLANGE STEEL BEAM
EXP	EXPANSION	OW	OTHERWISE	W/	WITH
EXT	EXTERIOR	OWT	OPEN WEB TRUSS	W/O	WITHOUT
FDN	FOUNDATION	℄	PLATE or PROPERTY LINE	WD	WOOD
FIN	FINISH	PA	POST ABOVE	WHS	WELDED HEADED STUD
FG	FINISH GRADE	PAF	POWER ACTUATED FASTENERS	WLD	WELDED
FLR	FLOOR	PEN	PANEL EDGE NAIL	WP	WORK POINT/WATERPROOF
FN	FACE NAIL	PERP	PERPENDICULAR	WS	WOOD SCREW
FOC	FACE OF CONCRETE	PES	PANEL EDGE SCREWS	WT	WEIGHT
FOM	FACE OF MASONRY	PJP	PARTIAL JOINT PENETRATION	WTS	WELDED THREADED STUD
FOS	FACE OF STUD	PLF	POUNDS PER LINEAR FOOT	WWR	WELDED WIRE REINFORCEMENT
FRMG	FRAMING				
FS	FAR SIDE				

MINIMUM BAR LAPS FOR REINFORCING STEEL
CONCRETE STRENGTH: 3000 PSI OR GREATER (STAGGER SPLICES)

SIZE	LAP LENGTH	SIZE	LAP LENGTH	SIZE	LAP LENGTH
#3	17"	#5	31"	#7	56"
#4	24"	#6	34"	#8	70"

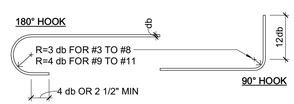
(CLASS B TOP BAR)
BAR SPCG SHALL NOT BE LESS THAN 4x BAR DIA OR 4".

CONC COVER FOR REINF STL ..... 'CLR'

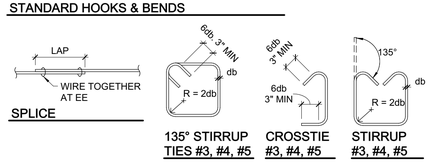
CAST AGAINST EARTH OR GR ..... 3"

EXPOSED TO EARTH (FORMED) OR WEATHER
#5 & SMALLER ..... 1½"
#6 & LARGER ..... 2"

ALL REINF BARS SHALL EXTEND AS FAR AS POSSIBLE & END IN A STD 90° OR 180° HK UNLESS DETAILED OTHERWISE



STANDARD HOOKS & BENDS



1 TYPICAL REINFORCING DETAILS (f'c = 3000psi MIN)
3/4" = 1'-0"

A DESIGN CRITERIA

DESIGN CRITERIA: 2019 CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2 (CBC)
RISK CATEGORY: II
WIND DATA: ULTIMATE WIND SPEED (3 SEC GUST) IN MPH: 92
WIND EXPOSURE: C
INTERNAL WIND PRESSURE COEFFICIENT (GCPI) = ±0.18
COMPONENTS AND CLADDING DESIGN PRESSURES FOR SYSTEMS DESIGNED BY OTHERS SHALL COMPLY WITH THE "ASCE 7-16" DESIGN STANDARD

EARTHQUAKE DATA: SEISMIC IMPORTANCE FACTOR, I_e: 1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS: S_S = 1.37; S_1 = 0.48
SITE CLASS: D
SPECTRAL RESPONSE COEFFICIENTS: S_{DS} = 0.913; S_{D1} = 0.583
SEISMIC DESIGN CATEGORY: D
SEISMIC FORCE RESISTING SYSTEM:
STEEL ORDINARY CANTILEVER COLUMN
RESPONSE MODIFICATION FACTOR: R = 1.25
SEISMIC RESPONSE COEFFICIENT, C_s = 0.731
ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE

MAXIMUM ANTICIPATED STORY DRIFT = 0.02 X HEIGHT
PROVIDE DEFORMATION COMPATIBILITY PER ASCE 7 SECTION 12.12.5 FOR NON-STRUCTURAL ITEMS, INCLUDING CLADDING, STAIRS, GLAZING, ETC.

SCOPE: REPLACEMENT OF BASEBALL FIELD BACKSTOP AND DUGOUT FENCES.

B GENERAL NOTES

1. REFER TO DETAILS ON THIS SHEET FOR STANDARD DETAILS OF CONSTRUCTION. REFER TO THE PROJECT SPECIFICATIONS FOR MATERIALS AND METHODS.
2. DIMENSIONS SHOWN ARE FOR GENERAL REFERENCE ONLY. SEE ARCHITECTURAL DRAWINGS (SAD) AND SEE LANDSCAPE DRAWINGS (SLD) FOR ALL ACTUAL DIMENSIONS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER SO CLARIFICATION CAN BE MADE PRIOR TO COMMENCING WORK.
3. STRUCTURAL DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING WORK.
4. DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS.
5. REFER TO ARCHITECTURAL & LANDSCAPE DRAWINGS FOR SIDEWALK SLABS AND DIMENSIONS.
6. COORDINATION OF MECHANICAL, ELECTRICAL, PLUMBING, AND SITE UTILITY SYSTEMS WITH THE STRUCTURAL SYSTEM IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. NO PIPES ARE ALLOWED THROUGH PIERS. AT CONDITIONS WHERE FIELD MODIFICATIONS OF MECHANICAL, ELECTRICAL, PLUMBING, OR SITE UTILITIES AFFECT STRUCTURAL SYSTEMS, NOTIFY STRUCTURAL ENGINEER PRIOR TO INSTALLATION.
7. SHORING AND BRACING DESIGN, MATERIALS AND INSTALLATION SHALL BE PROVIDED BY THE GENERAL CONTRACTOR, AND SHALL BE ADEQUATE FOR ALL LOADS. LEAVE IN PLACE AS LONG AS MAY BE REQUIRED FOR SAFETY AND UNTIL FINAL STRUCTURAL CONSTRUCTION IS COMPLETED. THE CONTRACTOR SHALL ENGAGE A LICENSED CIVIL OR STRUCTURAL ENGINEER TO PROVIDE SHORING.
8. SPECIAL INSPECTIONS ARE REQUIRED PER THE TESTING AND INSPECTION FORM, SEE SPECIFICATIONS.
9. NOTIFY ZFA FOR GENERAL ON SITE REVIEW OF:
   - MINIMUM PIER & FOOTING SIZE AND REINFORCING STEEL.

   NOTIFY ZFA FOR REVIEW PRIOR TO COVERING ABOVE LISTED WORK. PROVIDE 2 WORKING DAYS MINIMUM SCHEDULING NOTICE PRIOR TO REVIEW DATE.

C FOUNDATION NOTES

1. ALLOWABLE (ASD) FOUNDATION DESIGN PRESSURES:
   SHALLOW FOOTINGS:
   DEAD LOAD + LIVE LOAD = 2,500 PSF
   DEAD LOAD + LIVE LOAD + LATERAL = 3,333 PSF
2. ALLOWABLE (ASD) PIER SKIN FRICTION:
   DRILLED PIERS:
   DEAD LOAD + LIVE LOAD = 300 PSF
   DEAD LOAD + LIVE LOAD + LATERAL = 400 PSF
3. ALL SOILS WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS, THE REQUIREMENTS OF THE GEOTECHNICAL REPORT NOTED BELOW AND CHAPTER 18A OF THE CBC, TITLE 24, PART 2. ALL FOUNDATIONS SHALL BEAR ON FIRM, UNDISTURBED, NATIVE SOILS OR ENGINEERED FILL AT OR EXCEEDING DEPTHS SHOWN ON THE DRAWINGS. ENGINEERED FILL TO BE COMPACTED PER GEOTECHNICAL REPORT. INCREASE FILL AND OR FOOTING DEPTH AS REQUIRED BY GEOTECHNICAL ENGINEER. ALL FOOTING EXCAVATIONS SHALL BE AS NEAT AS PRACTICABLE. MAXIMUM OVER EXCAVATION IN WIDTH SHALL BE LESS THAN 12 INCHES OR 25% OF FOOTING WIDTH, WHICH EVER IS LESS. 6 INCHES MAXIMUM PER SIDE. LARGER OVER-EXCAVATIONS IN WIDTH SHALL BE FILLED WITH ADDITIONAL REINFORCED CONCRETE AS DIRECTED BY THE ENGINEER, OR FORMWORK SHALL BE PROVIDED. OVER-EXCAVATIONS IN DEPTH MAY BE FILLED WITH LEAN CONCRETE OR COMPACTED APPROVED BACKFILL. ALL LOOSE SOILS SHALL BE REMOVED FROM EXCAVATIONS PRIOR TO PLACEMENT OF REINFORCING OR CONCRETE. GEOTECHNICAL REPORT BY:

   BSK ASSOCIATES
   REPORT NO. G17-238-11L
   DATED: APRIL 11, 2018
4. DRILLING FOR CAST IN PLACE CONCRETE PIERS REQUIRES OBSERVATION AND APPROVAL OF GEOTECHNICAL ENGINEER. ALL PIERS SHALL BE POURED IN ONE CONTINUOUS POUR WITH STEEL IN PLACE. ALL PIERS TO BE VIBRATED WHILE POURING CONCRETE.
5. TOP OF FOOTING ELEVATIONS TO BE DETERMINED BY THE CONTRACTOR BASED ON INFORMATION FROM THE ARCHITECTURAL DRAWINGS, GEOTECHNICAL REPORT, LANDSCAPE, ETC.

D STEEL NOTES

1. COORDINATE TOP OF FOOTING ELEVATIONS AS DETERMINED BY THE CONTRACTOR PER C/S-0.1.
2. TOP OF STEEL ELEVATIONS ARE TO BE DETERMINED BY THE CONTRACTOR BASED ON ARCHITECTURAL DRAWINGS, LANDSCAPE DRAWINGS, AND STRUCTURAL DRAWINGS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-119543 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 08/05/2021

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

ZFA STRUCTURAL ENGINEERS
1212 fourth street | suite z
santa rosa ca 95404
zfa job no.21192
zfa.com
707.526.0992

CHRIS S. WARREN No. S6213 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA STRUCTURAL

07/27/2021

LIBERTY HIGH SCHOOL BASEBALL BACKSTOP REPLACEMENT

850 2ND ST,
BRENTWOOD,
CALIFORNIA

REVISIONS

DSA APP NO. 01-119543

ARCH NO:	1923.00
ENGR / PM:	KPB / CSW
DRAWING SCALE:	As indicated
PTN: 61721-81	FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

August 2, 2021

SHEET TITLE

GENERAL NOTES AND DETAILS

SHEET NUMBER

S-0.1