

RUNNING TRACK & FIELD ALTERATIONS

MARTIN LUTHER KING JR JUNIOR HIGH SCHOOL

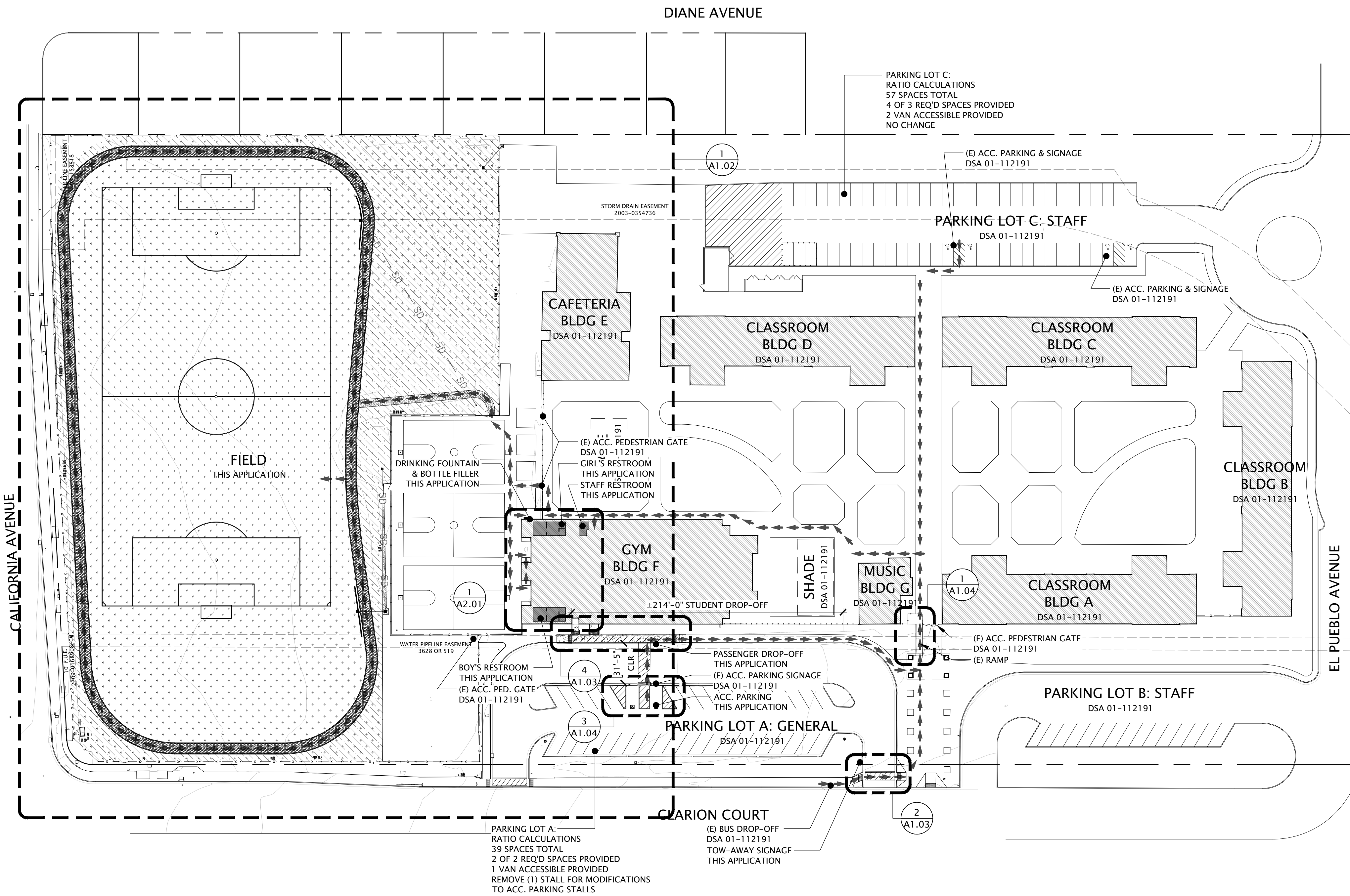
PITTSBURG UNIFIED SCHOOL DISTRICT, PTN:61788-124
2012 CARION COURT, PITTSBURG, CA 94565

DSA 01-122476
17 PAGES

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122476 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 09/10/2025

PROPOSED SITE PLAN

SCALE: 1"=50'-0"



PROJECT SCOPE OF WORK

- THE WORK OF THIS CONTRACT AT PUSD MARTIN LUTHER KING JR JHS CONSISTS OF REMOVAL AND REPLACEMENT OF EXISTING GRASS FIELD TO PROVIDE A RUNNING PATH & SOCCER FIELD, INCLUDING:
- RE-GRADING EXISTING FIELD & RE-SEEDING;
 - INSTALLATION OF DECOMPOSED GRANITE RUNNING TRACK & CONCRETE CURBS;
 - REVISIONS TO EXISTING STORM DRAINAGE AT AREA OF WORK;
 - ACCESS IMPROVEMENTS TO EXISTING STUDENT AND STAFF RESTROOMS AT BUILDING F, GYMNASIUM;
 - RECONFIGURATION OF EXISTING PASSENGER LOADING/DROP-OFF AREA AT EXISTING PARKING LOT A;
 - REPLACEMENT IN LOCATION OF EXISTING DRINKING FOUNTAIN WITH ACCESSIBLE HI-LO FOUNTAIN & BOTTLE FILLER.

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STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS (APPLICATION NO. 01-122476, FILE NO. 7-36)

THE DRAWINGS OR SHEETS INDICATED WITH AN ASTERISK (*) HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

- DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND
- 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])

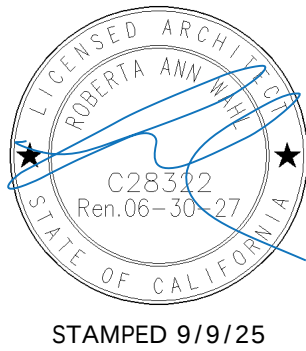
ROBERTA WAHL
07/18/2025
LICENSE C28322 (EXP. 6/30/27)

PROJECT TEAM

OWNER	PITTSBURG UNIFIED SCHOOL DISTRICT 2000 RAILROAD AVENUE PITTSBURG, CA 94565 925-473-2300
ARCHITECT	PLUM ARCHITECTS 870 MARKET STREET, SUITE 878 SAN FRANCISCO, CA 94102 415-837-0900
CIVIL ENGINEER	CLARK CIVIL ENGINEERING P.O. BOX 131 POINT REYES, CA 94956 510-715-6018
IRRIGATION	ARCHITECTURAL SOLUTIONS

PLUM architects

870 Market St, Ste 878, San Francisco, CA 94102
TEL: 415-837-0900



Revisions	
SCHEMATIC DESIGN	04/15/25
50% CD	05/27/25
DSA 01-122476 INTAKE	07/22/25
BACKCHECK SUBMITTAL	09/03/25

Project 2508
Martin Luther King Jr
Junior High School
Running Track

2012 Carion Court
Pittsburg, CA 94565
Pittsburg Unified School District

Sheet
TITLE SHEET
ACCESSIBILITY SITE PLAN

T1

Date
July 18, 2025

ABBREVIATIONS

&	AND	ELEC.	ELECTRICAL	LTG.	LIGHTING	RWD.	REDWOOD
∠	ANGLE	ELEV.	ELEVATION	MARB.	MARBLE	RWDW.	REDWOOD
@	AT	EMER.	EMERGENCY	MAS.	MASONRY	S.	SOUTH
⊙	CENTERLINE	EN.	ENAMEL	MAT.	MATERIAL	S.&V.	SATIN & VARNISH
⊖	DIAMETER or ROUNDED	ENCL.	ENCLOSURE	MAX.	MAXIMUM	S.C.	SOLID CORE
#	POUND or NUMBER	E.P.	ELECTRICAL PANELBOARD	M.B.	MACHINE BOLT	S.C.D.	SEAT COVER DISPENSER
d	PENNY	EQ.	EQUAL	M.C.	MEDICINE CHEST	S.E.D.	SEE ELECTRICAL DWGS.
A.A.C.	ADHESIVE-APPLIED	EQ.J.	EARTHQUAKE JOINT	MECH.	MECHANICAL	SCHED.	SCHEDULE(ED)
	ACOUSTIC TILE	EQUIP.	EQUIPMENT	MEMB.	MEMBRANE	S.D.	SOAP DISPENSER or STORM DRAIN
A.B.	ANCHOR BOLT	EST.	ESTIMATE	MFR.	MANUFACTURER		
ABV.	ABOVE	E.W.	EACH WAY	MH.	MANHOLE	S.S.	SELF-DRILLING SCREW
AC	ASPHALT CONCRETE	E.W.C.	ELECTRIC WATER COOLER	MIN.	MINIMUM	SECT.	SECTION
ACCS.	ACCESS or ACCESSIBLE	EXC.	EXCAVATE(ED)	MIR.	MIRROR	SH.	SHOWER
ACOUS.	ACOUSTIC	EXH.	EXHAUST	MISC.	MISCELLANEOUS	SH.T.	SHEET
ACT	ACOUSTICAL TILE	EXP.	EXPOSED	M.L.D.G.	MOULDING	SH.TG.	SHEATHING
A.D.	AREA DRAIN	EXPAN.	EXPANSION	M.L.P.	METAL LATH & PLASTER	SIM.	SIMILAR
A.D.A.	AMERICANS W/ DISABILITIES	EXT.	EXTERIOR	M.O.	MASONRY OPENING	SL.	SLOPE
	ACT	EXTR.	EXTRUDED	M.S.	MACHINE SCREW	S.L.D.	SEE LANDSCAPE DWGS.
ADDN.	ADDITION	F.A.	FIRE ALARM	MTD.	MOUNTED	S.M.D.	SEE MECHANICAL DWGS.
ADH.	ADHESIVE	FAB.	FABRICATE	MTL.	METAL	SMS	SHEET METAL SCREW
ADJ.	ADJUST or ADJUSTABLE	F.B.	FLAT BAR	MUL.	MULLION	S.N.D.	SANITARY NAPKIN DISPENSER
A.F.F.	ABOVE FINISHED FLOOR	F.A.U.	FORCED AIR UNIT	(N)	NEW	S.N.R.	SANITARY NAPKIN RECEPTACLE
AGGR.	AGGREGATE	F.B.O.	FURNISHED BY OTHERS	N.	NORTH	S.O.G.	SLAB ON GRADE
AL.	ALUMINUM	F.C.	FURRED CEILING	NEG.	NEGATIVE	S.P.D.	SEE PLUMBING DWGS.
ALT.	ALTERNATE	F.D.	FLOOR DRAIN	N.I.C.	NOT IN CONTRACT	SPEC.	SPECIFICATIONS
A.P.	ACCESS PANEL	FDN.	FOUNDATION	NO.	NUMBER	SQ.	SQUARE
APPO.	APPROVED	F.E.	FIRE EXTINGUISHER	N.T.S.	NOT TO SCALE	S.S.D.	SEE STRUCTURAL DWGS.
APPROX.	APPROXIMATE	F.E.C.	FIRE EXTINGUISHER CABINET	O/	OVER	S.	SOUTH
ARCH.	ARCHITECTURAL	FEDSPEC	FEDERAL SPECIFICATION	O.A.	OVERALL	SK.	SINK
ASPH.	ASPHALT	F.F.	FINISHED FLOOR	OBS.	OBSCURE	S.ST.L.	S.S. STAINLESS STEEL
BAL.	BALANCING	F.H.	FIRE HYDRANT	O.C.	ON CENTER	STA.	STATION
BARR.	BARRIER	F.H.C.	FIRE HOSE CABINET	O.D.	OUTSIDE DIAMETER	STD.	STANDARD
BD.	BOARD	F.H.S.	FLAT HEAD SCREW	O.F.C.I.	OWNER FURNISHED	STER.	STERILIZER
BITUM.	BITUMINOUS	FIN.	FINISHED		CONTRACTOR INSTALLED	STL.	STEEL
BLDG.	BUILDING	F.I.O.	FURNISHED & INSTALLED	O.F.D.	OVERFLOW DRAIN	STOR.	STORAGE
BLK.	BLOCK or BLOCKING		BY OWNER	O.F.F.	OFFICE	STRUCT.	STRUCTURAL
B.M.	BENCH MARK	F.J.	FORMED JOINT	O.F.C.	OVERFLOW SCUPPER	STS	SELF-TAPPING SCREW
BOT.	BOTTOM	FLASH.	FLASHING	O.H.S.	OVAL HEAD SCREW	SUB.	SUBSTITUTE
B.O.	BOTTOM OF	FLEX.	FLEXIBLE	OPNG.	OPENING	SUP.	SUPERINTENDENT
BSMT.	BASEMENT	FLR.	FLOOR	OPP.	OPPOSITE	SUSP.	SUSPENDED
B.U.R.	BUILT-UP ROOFING	FLUOR.	FLUORESCENT	O.R.S.	OFFICE OF REGIONAL SERVICES, D.S.A.	SYM.	SYMMETRICAL
C.T.O.C.	CENTER TO CENTER	F.O.C.	FACE OF CONCRETE			SYS.	SYSTEM
CAB.	CABINET	F.O.F.	FACE OF FINISH	O.H.	OVERHEAD	T.	TREAD
CAP.	CAPACITY	F.O.W.	FACE OF WALL	OZ.	OUNCE	T&G	TONGUE & GROOVE
C.B.	CATCH BASIN	F.O.I.C.	FURNISHED BY OWNER,	PARA.	PARALLEL	T&I	TESTING & INSPECTION
CEM.	CEMENT		INSTALLED BY CONTRACTOR	PART.	PARTITION	THERM.	THERMOSTAT
CER.	CERAMIC	F.O.S.	FACE OF STUD	PART.BD.	PARTICLE BOARD	TB.	TACKBOARD
C.G.	CORNER GUARD	FP.	FIREPROOF	P.B.	PANIC BAR	TC.	TERRACOTTA
CH.	CHANNEL	F.S.	FULL SIZE	PC.	PIECE or POINT OF CURVATURE	TEL.	TELEPHONE
CH.B.	CHALK BOARD	FT.	FEET or FOOT	PERF.	PERFORATED	TEMP.	TEMPORARY or TEMPERATURE
C.I.	CAST IRON	FTG.	FOOTING	PERP.	PERPENDICULAR	TERR.	TERRAZZO
CITY	CITY OF SAN FRANCISCO	FURR.	FURRING	PL.	PLATE	T.H.B.	TEMPER HARD BOARD
C.J.	CONTROL JOINT	FUT.	FUTURE	P.L.	PROPERTY LINE	THK.	THICK
C.L.	CHAIN LINK	GA.	GAUGE	P-LAM.	PLASTIC LAMINATE	THRESH.	THRESHOLD
CLG.	CEILING	GAL.	GALLON	PLAS.	PLASTER	THRU.	THROUGH
CLKG.	CAULKING	GALV.	GALVONZIED	PLY.	PLYWOOD	TLT.	TOILET
CLOS.	CLOSET	G.B.	GRAB BAR	PNL.	PANEL	T.O.	TOP OF
CLR.	CLEAR	GEN.	GENERAL	POL.	POLISHED	TOP.	TOPPING
C.M.S.	COUNTERSUNK MACHINE	GL.	GLASS	P.O.A.	PATH OF TRAVEL	T.O.C.	TOP OF CONCRETE
	SCREW	GND.	GROUND	P.P.L.	POLISHED PLATE	T.O.S.	TOP OF STEEL
C.M.U.	CONCRETE MASONRY UNIT	GOVT.	GOVERNMENT	PR.	PAIR	T.M.E.	TO MATCH EXISTING
C.O.	CASED OPENING	GR.	GRADE	PRCST.	PRECAST	T.P.	TOP OF PAVEMENT
COL.	COLUMN	G.S.M.	GALVANIZED SHEET METAL	PREFAB.	PREFABRICATE(ED)	T.P.D.	TOILET PAPER DISPENSER
CONC.	CONCRETE	G.S.U.	GLAZED STRUCTURAL UNIT	PRELIM.	PRELIMINARY	T.S.	TUBE STEEL
CONN.	CONNECTION	G.W.B.	GYPSUM WALL BOARD	PROJ.	PROJECT or PROJECTION	T.V.	TELEVISION
CONT.	CONTINUOUS	GYM.	GYMNASIUM	PROP.	PROPERTY	T.W.	TOP OF WALL
CONST.	CONSTRUCTION	GYP.	GYPSUM	P.S.	PIPE STEEL	T.Y.	TYPICAL
CONTR.	CONTRACTOR	H.	HIGH (DIM)	P.S.I.	POUNDS PER SQUARE INCH	U.H.	UNIT HEATER
CORR.	CORRIDOR	H.B.	HOSE BIB	P.S.F.	POUNDS PER SQUARE FOOT	UNFIN.	UNFINISHED
C.T.	CERAMIC TILE	H.C.	HOLLOW CORE	PT.	POINT	U.O.N.	UNLESS OTHERWISE NOTED
CTR.	CENTER	HDWD.	HARDWOOD	P.T.D.	PAPER TOWEL DISPENSER	U.O.S.	UNDERSIDE OF STEEL
CTSK.	COUNTERSINK(SUNK)	HDWE.	HARDWARE	P.T.D./R.	PAPER TOWEL DISPENSER & RECEPTACLE	UR.	URINAL
DP.	DEEP	HGT.	HEIGHT			U.	UNIT
D.A.	DOUBLE ACTING	H.M.	HOLLOW METAL	P.T.D.F.	PRESSURE TREATED DOUGLAS	V.	VENTILATOR
DBL.	DOUBLE	HOL.	HOLLOW		FIR	VAR.	VARIES or VARIABLE
DEPT.	DEPARTMENT	HOR.	HORIZONTAL	P.T.R.	PAPER TOWEL RECEPTACLE	V.B.	VINYL BASE
DET.	DETAIL	H.P.	HIGH POINT	Q.T.	QUARRY TILE	V.C.T.	VINYL COMPOSITION TILE
D.F.	DRINKING FOUNTAIN	HR.	HOUR	QTR.	QUARTER	VERT.	VERTICAL
⌀	DIAMETER	HT.	HEIGHT	R.	RISER	VEST.	VESTIBULE
DIAM.	DIAMETER	H.W.H.	HOT WATER HEATER	RAD.	RADIUS	V.G.	VERTICAL GRAIN
DIAG.	DIAGONAL	I.D.	INSIDE DIAMETER	R.B.	RUBBER BASE	VOL.	VOLUME
DIM.	DIMENSION	IN.	INCH	R.C.P.	REFLECTED CEILING PLAN	V.S.	VINYL SHEET
DISP.	DISPENSER	INCR.	INCREASE	R.D.	ROOF DRAIN	W.	WEST
DIV.	DIVISION	INFO.	INFORMATION	REC.	RECEIVE	W/	WITH
DG	DECOMPOSED GRANITE	INS.	INSULATION	REF.	REFERENCE	W/O	WITHOUT
DN.	DOWN	INT.	INTERIOR	REFA	REFRIGERARATION	WAIN	WAINSCOT
DO.	DOOR OPENING	INV.	INVERT	REINF.	REINFORCED	W.C.	WATER CLOSET
DOM.	DOMESTIC	I.S.A.	INTERNATIONAL SYMBOL OF	REQD.	REQUIRED	W.C.A.	WHEEL CHAIR ACCESSIBLE
DP.	DAMPPOOFING		ACCESSIBILITY	RES.	RESILIENT	WD.	WOOD
DR.	DOOR	JAN.	JANITOR	RET.	RETURN	W.F.	WIDE FLANGE (STEEL)
DS.	DOWNSPOUT	JST.	JOIST	REV.	REVISED or REVISION	W.GL.	WIRE GLASS
D.S.P.	DRY STANDPIPE	JT.	JOINT	RFG.	ROOFING	WH.B.	WHITE BOARD
D.S.A.	DIVISION OF STATE ARCHITECT	K.O.	KNOCK OUT	RGTR.	REGISTER	W.I.	WHERE INDICATED
DWG.	DRAWING	K.P.	KICK PLATE	RHS.	ROUND HEAD SCREW	WIND.	WINDOW
DWR.	DRAWER	L.	LONG (DIM)	R.I.	RIGID INSULATION	W.O.	WHERE OCCURS
(E)	EXISTING	LAB.	LABORATORY	R.L.	RAIN LEADER (INTERIOR)	W.P.	WATERPROOF
E.	EAST	LAM.	LAMINATE(ED)	RM.	ROOM	W.S.	WEATHERSTRIP
EA.	EACH	LAV.	LAVATORY	RND.	ROUND	WT.	WEIGHT
E.B.	EXPANSION BOLT	LIN.	LINEAR	R.O.	ROUGH OPENING	W.W.M.	WELDED WIRE MESH
E.J.	EXPANSION JOINT	LKR.	LOCKER	RSP	RESOURCE SPECIALIST CLASSRM	Y.D.	YARD DRAIN
EL.	ELEVATION	LT.	LIGHT	RUB.	RUBBER		

GENERAL NOTES CON'T.

32. COMPLIANCE WITH CFC CHAPTER 33, "FIRE LIFE SAFETY DURING CONSTRUCTION AND DEMOLITION" AND CBC CHAPTER 33 WILL BE ENFORCED.

33. CONTRACTOR SHALL COMPLY WITH CGCB SECTION 5.408 FOR REDIRECTION OF CONSTRUCTION WASTE, WASTE MANAGEMENT PLANS & DOCUMENTATION & RE-USE OF EXISTING SITE SOILS AS DIRECTED BY SPECIFICATIONS, PLANS & DRAWINGS.

34. THE CONTRACT DOCUMENTS, INCLUDING THE SPECIFICATIONS, PLANS, AND DRAWINGS, ARE COMPLEMENTARY AND WHAT IS CALL FOR BY ANY ONE SHALL BE AS BINDING AS IF CALLED FOR BY ALL. IN CASE OF CONFLICT, LARGE SCALE DRAWINGS SHALL GOVERN OVER SMALL-SCALL DRAWINGS, THE SPECIFICATIONS SHALL GOVERN OVER BOTH THE CONSTRUCTION PROCEDURES MANUAL AND THE CONTRACT DRAWINGS EXCEPT AS NOTED HEREIN BELOW, SPECIAL PROVISIONS SHALL GOVERN OVER BOTH THE CONTRACT DRAWINGS AND THE GENERAL CONDITIONS, AND SUBSEQUENT ADDENDA, INTERPRETATIONS, OR CHANGE ORDERS SHALL GOVERN OVER THE ORIGINAL DOCUMENTS, UNLESS A DIFFERENT ORDER OF PRECEDENCE IS NOTED ELSEWHERE IN CONJUNCTION WITH A SPECIFIC PORTION OF THE DOCUMENTS.

34.1. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE DOCUMENT CONTAINING ADDITIONAL QUANTITIES SHALL GOVERN IN MATTERS OF QUANTITY, THE DOCUMENT REQUIRING A HIGHER DEGREE OF QUALITY SHALL GOVERN IN MATTERS OF QUALITY. IN CASE OF CONFLICT WITHIN THE DRAWINGS INVOLVING QUANTITIES OR WITHIN THE SPECIFICATIONS INVOLVING QUALITY, THE GREATER QUANTITY AND THE HIGHER QUALITY SHALL BE FURNISHED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ALL SUCH QUANTITY AND QUALITY CONFLICTS AND SHALL AGREE UPON RESOLUTION, IN WRITING, PRIOR TO PROCEEDING.

34.2. WHERE ON ANY DRAWING A PORTION OF THE WORK IS DRAWN OUT THE REMAINDER IS INDICATED IN OUTLINE, THE DRAWN-OUT PARTS SHALL APPLY TO ALL OTHER LIKE PORTIONS OF THE WORK. WHERE ORNAMENT OR OTHER DETAIL IS INDICATED AS STARTING, SUCH DETAIL SHALL BE CONTINUED THROUGHOUT THE COURSES OR PARTS IN WHICH IT OCCURS AND SHALL ALSO APPLY TO OTHER SIMILAR PARTS IN THE WORK, UNLESS OTHERWISE NOTED.

35. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION CONTROL STANDARDS AND REGULATIONS, ORDINANCES, AND STATUTES SPECIFIED IN SECTION 11017 OF THE GOVERNMENT CODE. THE CONTRACTOR SHALL AT ALL TIMES KEEP PREMISES FREE FROM ACCUMULATION OF DEBRIS CAUSED BY IT'S OPERATIONS. THE CONTRACTOR SHALL KEEP THE PROJECT AREA AND SURROUNDING AREA FREE FROM DUST NUISANCE. CONSTRUCTION DEBRIS AND WASTE SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE AND DISPOSE OF AT AN APPROPRIATE SITE. AT THE COMPLETION OF THE WORK, CONTRACTOR SHALL CLEAN THE BUILDING.

ADMINISTRATIVE REQUIREMENTS

Chapter 4, Part 1, Title 24, C.C.R. (Partial Listing Only)

1. A copy of all applicable parts referred to by the plans and specifications of C.C.R Title 24, shall be kept on the job site at all times.

2. All construction change documents and addenda shall be signed by the architect and the owner and approved by DSA. Construction change documents are not valid until approved by DSA per Section 4-338, Part 1, Title 24.

3. All tests shall conform to the requirements of Section 4-335, Part 1, Title 24, and approved T&I sheet.

4. Tests of materials and testing laboratory shall be in accordance with Section 4-335 of Part 1, Title 24 and the district shall employ and pay the laboratory. Costs of re-test may be back charged to the contractor.

5. DSA shall be notified at the start of construction and prior to the placement of concrete per Section 4-331, Part 1, Title 24.

6. Inspector-of-record 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, Part 1, Title 24.

7. Supervision of construction by DSA shall be in accordance with Section 4-334, Part 1, Title 24.

8. Contractor, inspector, architect and engineers shall submit verified reports (DSA 6-AE) in accordance with Section 4-336 and 4-343, Part 1, Title 24.

9. The architect and the structural engineer shall perform their duties in accordance with Section 4-333(a) and 4-341, Part 1, Title 24.

10. The contractor shall perform its duties in accordance with Section 4-343, Part 1, Title 24.

11. The intent of the drawings and specifications is to maintain the school buildings in accordance with Title 24, C.C.R. should any conditions develop not covered by the contract documents wherein the finished work will not comply with said Title 24, C.C.R., a construction change document detailing and specifying the required work shall be submitted to, and approved by, the division of the state architect (DSA) before proceeding with the work.

APPLICABLE CODES

California Code of Regulations Title 24 (CCR):

2025 California Administrative Code (CAC), Part 1

2022 California Building Code (CBC), Part 2

(2021 International Building Code, Vol. 1&2 and 2019 California Amendments)

2022 California Electrical Code (CEC), Part 3

(2020 National Electrical Code and 2019 California Amendments)

2022 California Mechanical Code (CMC), Part 4

(2021 IAMPO Uniform Mechanical Code and 2019 California Amendments)

2022 California Plumbing Code (CPC),Part 5

(2021 IAMPO Uniform Plumbing Code and 2019 California Amendments)

2022 California Energy Code (CEnc), Part 6

2022 California Fire Code (CFC), Part 9

(2021 International Fire Code and 2019 California Amendments)

2022 California Green Building Standards Code (CALGreen), Part 11

2022 California Referenced Standards Code, Part 12

Title 19, Public Safety, State Fire Marshal Regulations

2010 ADA Standards for Accessible Design

2021 NFPA 17 Standard for Dry Chemical Extinguishing Systems

2019 NFPA 24 Standard for the Installation of Private Fire Service Mains and their Appurtenances

2022 NFPA 72 National Fire Alarm and Signaling Code (and CA Amendments)

2003 UL 464 Audible Signaling Devices for Fire Alarm and Signaling Systems Including Accessories

1999 UL 521 Standards for Heat Detectors for Fire Protective Signaling Systems

LEGEND

1

A

GRID LINES

100

3

KEY NOTE

NOTE NUMBER

5

A3.3

BLDG. SECTION

DETAIL NUMBER

SHEET WHERE SECTION IS SHOWN

5

A3.3

WALL SECTION

DETAIL NUMBER

SHEET WHERE ELEVATION IS SHOWN

5

A3.3

EXTERIOR ELEVATION(S)

DETAIL NUMBER

SHEET WHERE ELEVATION IS SHOWN

9

A9.1

DETAIL REFERENCE

DETAIL NUMBER

SHEET WHERE ELEVATION IS SHOWN

A

5

B

C

INTERIOR ELEVATION(S) MARK

ELEVATION NUMBER

ELEVATION IDENTIFICATION

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9

A9.1

DETAIL REFERENCE

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INTERIOR ELEVATION(S) MARK

ELEVATION NUMBER

ELEVATION IDENTIFICATION

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3

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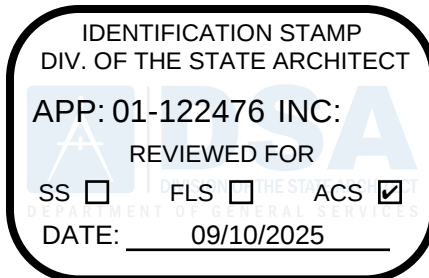
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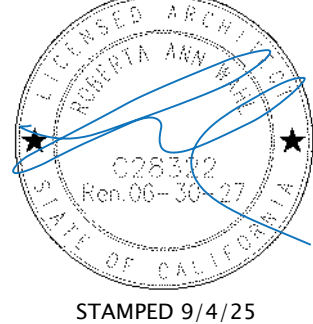
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INTERIOR ELEV



PLUM architects

870 Market St, Ste 878, San Francisco, CA 94102
TEL: 415-837-0900



	Revisions
SCHEMATIC DESIGN	04/15/25
50% CD	05/27/25
DSA 01-122476 INTAKE	07/22/25
BACKCHECK SUBMITTAL	09/03/25

Project 2508
Martin Luther King Jr.
Junior High School
Running Track

2012 Carion Court
Pittsburg, CA 94565
Pittsburg Unified School District

GENERAL NOTES & ABBREVIATIONS

T2

Date
July 18, 2025
September 3, 2025

LEGEND

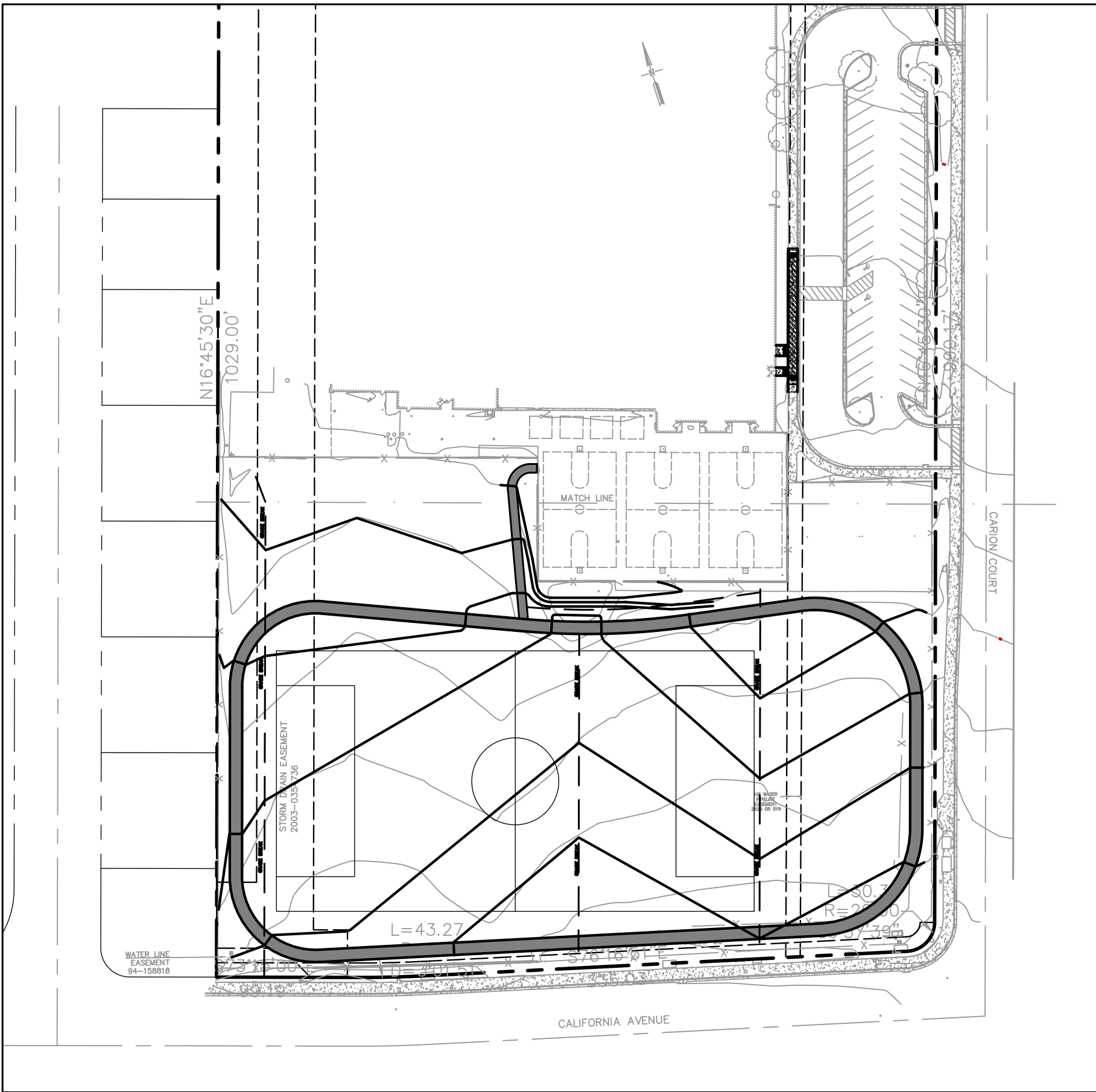
EXISTING	PROPOSED	DESCRIPTION
		BOUNDARY
		PROPERTY LINE
		FENCE
		RETAINING WALL
		LANDSCAPE RETAINING WALL
		SUBDRAIN LINE
		TIGHTLINE
		ELECTRICAL
		STORM DRAIN LINE
		SANITARY SEWER LINE
		WATER LINE
		GAS LINE
		PRESSURE LINE
		JOINT TRENCH
		SET BACK LINE
		CONCRETE VALLEY GUTTER
		SWALE FLOW DIRECTION
		CATCH BASIN
		JUNCTION BOX
		AREA DRAIN
		SQUARE AREA DRAIN
		CURB INLET
		STORM DRAIN MANHOLE
		FIRE HYDRANT
		SANITARY SEWER MANHOLE
		STREET SIGN
		SPOT ELEVATION
		FLOW DIRECTION
		DEMOLISH/REMOVE
		BENCHMARK
		CONTOURS
		TREE TO BE REMOVED

ABBREVIATIONS

AB	AGGREGATE BASE	MAX	MAXIMUM
AC	ASPHALT CONCRETE	MH	MANHOLE
ACC	ACCESSIBLE	MIN	MINIMUM
AD	AREA DRAIN	MON.	MONUMENT
BC	BEGINNING OF CURVE	(N)	NEW
B & D	BEARING & DISTANCE	NO.	NUMBER
BM	BENCHMARK	NIC	NOT IN CONTRACT
BW/FG	BOTTOM OF WALL/FINISH GRADE	NTS	NOT TO SCALE
CB	CATCH BASIN	O.C.	ON CENTER
C & G	CURB AND GUTTER	O/	OVER
C	CENTER LINE	P.A.	PLANTING AREA
CPP	CORRUGATED PLASTIC PIPE	PED	PEDESTRIAN
CO	CLEANOUT	PIV	POST INDICATOR VALVE
CONC	CONCRETE	PSS	PUBLIC SERVICES EASEMENT
CONST	CONSTRUCT or -TION	R	PROPERTY LINE
CONC COR	CONCRETE CORNER	PP	POWER POLE
CY	CUBIC YARD	PUC	PUBLIC UTILITY EASEMENT
D	DIAMETER	PVC	POLYVINYL CHLORIDE
DI	DROP INLET	R	RADIUS
DIP	DUCTILE IRON PIPE	RCP	REINFORCED CONCRETE PIPE
EA	EACH	RIM	RIM ELEVATION
EC	END OF CURVE	RW	RAINWATER
EG	EXISTING GRADE	R/W	RIGHT OF WAY
EL	ELEVATIONS	S	SLOPE
EQ	EDGE OF PAVEMENT	S.D.	SEE ARCHITECTURAL DRAWINGS
EQ	EQUIPMENT	SAN	SANITARY
EW	EACH WAY	SD	STORM DRAIN
(E)	EXISTING	SDMH	STORM DRAIN MANHOLE
FC	FACE OF CURB	SHT	SHEET
FF	FINISHED FLOOR	S.L.D.	SEE LANDSCAPE DRAWINGS
FG	FINISHED GRADE	SPEC	SPECIFICATION
FH	FIRE HYDRANT	SS	SANITARY SEWER
FL	FLOW LINE	SSMH	SANITARY SEWER MANHOLE
FS	FINISHED SURFACE	ST.	STREET
G	GAS	STA	STATION
GA	GAGE OR GAUGE	STD	STANDARD
GB	GRADE BREAK	STRUCT	STRUCTURAL
HDPE	HIGH DENSITY CORRUGATED	T	TELEPHONE
POLYETHYLENE	PIPE	TC	TOP OF CURB
HORIZ	HORIZONTAL	TEMP	TEMPORARY
HI PT	HIGH POINT	TP	TOP OF PAVEMENT
H&T	HUB & TACK	TW/FG	TOP OF WALL/FINISH GRADE
ID	INSIDE DIAMETER	TYP	TYPICAL
INV	INVERT ELEVATION	VC	VERTICAL CURVE
JT	JOINT TRENCH	VCP	VITRIFIED CLAY PIPE
J.P	JOINT UTILITY POLE	VERT	VERTICAL
L	LENGTH	U.O.N.	UNLESS OTHERWISE NOTED
LANDG	LANDING	W/	WITH
LF	LINEAL FEET	WL	WATER LINE
		WM	WATER METER
		WWF	WELDED WIRE FABRIC

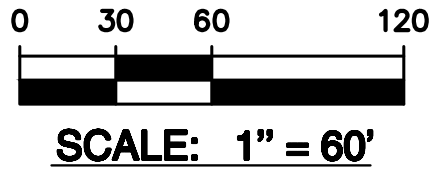
Martin Luther King Jr Junior High School Running Track

2012 Carion Court Pittsburg, CA 94565



KEY MAP

1" = 60'

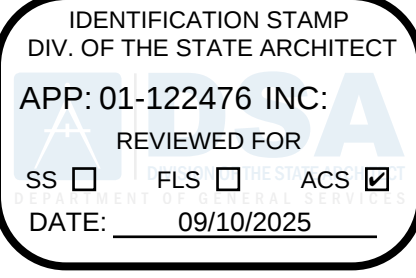


NOTES:

- ALL GENERAL NOTES, SHEET NOTES, AND LEGEND NOTES FOUND IN THESE DOCUMENTS SHALL APPLY. TYPICALLY THROUGHOUT IF INCONSISTENCIES ARE FOUND IN THE VARIOUS NOTATIONS, NOTIFY THE ENGINEER IMMEDIATELY IN WRITING REQUESTING CLARIFICATION.
- THESE DRAWINGS AND THEIR CONTENT ARE AND SHALL REMAIN THE PROPERTY OF WILLIAM CLARK, P.E. INC. WHETHER THE PROJECT FOR WHICH THEY ARE PREPARED IS EXECUTED OR NOT. THEY ARE NOT TO BE USED BY ANY PERSONS ON OTHER PROJECTS OR EXTENSIONS OF THE PROJECT EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ENGINEER.
- ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND TRADE STANDARDS WHICH GOVERN EACH PHASE OF WORK INCLUDING, BUT NOT LIMITED TO, CALIFORNIA MECHANICAL CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA ELECTRICAL CODE, CALIFORNIA FIRE CODE, CALTRANS STANDARDS AND SPECIFICATIONS, AND ALL APPLICABLE STATE AND/OR LOCAL CODES AND/OR LEGISLATION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND ALL SUBCONTRACTORS TO CHECK AND VERIFY ALL CONDITIONS, DIMENSIONS, LINES AND LEVELS INDICATED. PROPER FIT AND ATTACHMENT OF ALL PARTS IS REQUIRED. SHOULD THERE BE ANY DISCREPANCIES, IMMEDIATELY NOTIFY THE ENGINEER FOR CORRECTION OR ADJUSTMENT THE EVENT OF FAILURE TO DO SO, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTION OF ANY ERROR.
- ALL DIMENSIONS AND CONDITIONS SHALL BE CHECKED AND VERIFIED ON THE JOB BY EACH SUBCONTRACTOR BEFORE HE/SHE BEGINS HIS/HER WORK. ANY ERRORS, OMISSION, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER/CONTRACTOR BEFORE CONSTRUCTION BEGINS.
- COMMENCEMENT OF WORK BY THE CONTRACTOR AND/OR ANY SUBCONTRACTOR SHALL INDICATE KNOWLEDGE AND ACCEPTANCE OF ALL CONDITIONS DESCRIBED IN THESE CONSTRUCTION DOCUMENTS, OR EXISTING ON SITE, WHICH COULD AFFECT THEIR WORK.
- IF THE CONTRACTOR OBSERVES OR OTHERWISE BECOMES AWARE OF ANY FAULT OR DEFECT IN THE PROJECT OR NONCONFORMANCE WITH THE CONTRACT DOCUMENTS, PROMPT WRITTEN NOTICE THEREOF SHALL BE GIVEN BY THE CONTRACTOR TO THE ARCHITECT AND/OR ENGINEER.
- THE ENGINEER SHALL NOT HAVE CONTROL OF OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- CONTRACTOR IS RESPONSIBLE FOR ALL IMPORT AND EXPORT QUANTITIES AND/OR DISPOSAL/IMPORT COSTS

SHEET INDEX

C0.01	TITLE SHEET
C0.02	SPECIFICATIONS
C2.01	GRADING & DRAINAGE PLAN
C2.02	GRADING & DRAINAGE PLAN
C3.01	DETAILS



PLUM | architects

870 Market St, Ste 878, San Francisco, CA 94102
TEL: 415-837-0900

DESIGN BY: WCC
DRAWN BY: WC
CCE JOB NO: 225028
SIGNATURE DATE 9/2/25



	Revisions
SCHEMATIC DESIGN	04/15/25
50% CD	05/27/25
DSA 01-122152 INTAKE	07/22/25
BACKCHECK SUBMITTAL	09/03/25

Martin Luther King Jr Junior High School Running Track

2012 Carion Court
Pittsburg, CA 94565
Pittsburg Unified School District

TITLE SHEET

C0.01

Date
JULY 22, 2025

GENERAL SITE NOTES:

- CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING ON THIS WORK AND CONSIDER THE EXISTING CONDITIONS AND SITE CONSTRAINTS IN THE BID. CONTRACTOR SHALL BE IN THE POSSESSION OF AND FAMILIAR WITH ALL APPLICABLE GOVERNING AGENCIES STANDARD DETAILS AND SPECIFICATIONS PRIOR TO SUBMITTING OF A BID.
- ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO ALL APPLICABLE GOVERNING AGENCIES STANDARD DETAILS & SPECIFICATIONS.
- PRIOR TO BEGINNING WORK, AND AFTER INITIAL HORIZONTAL CONTROL STAKING, CONTRACTOR SHALL FIELD CHECK ALL ELEVATIONS MARKED WITH (E) AND REPORT ANY DISCREPANCIES GREATER THAN 0.05' TO OWNER'S PROJECT MANAGER AND CIVIL ENGINEER.
- DAMAGE TO ANY EXISTING SITE IMPROVEMENTS, UTILITIES AND/OR SERVICES TO REMAIN SHALL BE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND.
- CONTRACTOR SHALL REPLACE ALL STRUCTURES AND GRADE LIDS FOR VAULTS, CATCH BASINS, ETC., WITH VEHICULAR-RATED STRUCTURES IN ALL TRAFFIC ACCESSIBLE AREAS WITHIN NEW CONSTRUCTION AREA UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL ADJUST TO FINAL GRADE ALL EXISTING AND/OR NEW MANHOLES, CURB INLETS, CATCH BASIN, VALVES, MONUMENT COVERS, AND OTHER CASTINGS WITHIN THE CONSTRUCTION AREA TO FINAL GRADE IN PAVEMENT AND LANDSCAPE AREAS UNLESS OTHERWISE NOTED.
- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS AND THAT THE CONTRACTOR SHALL DEFEND INDEMNIFY AND HOLD THE OWNER, THE CONSULTING ENGINEER AND THE CITY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT. EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE CONSULTING ENGINEER.
- EXISTING PEDESTRIAN WALKWAYS, BIKE PATHS AND ACCESSIBLE PATHWAYS SHALL BE MAINTAINED, WHERE FEASIBLE, DURING CONSTRUCTION.
- IF A CONFLICT ARISES BETWEEN THE SPECIFICATIONS AND THE PLANS NOTES, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL RECOMMENDATIONS BY GEO-ENGINEERING SOLUTIONS, INC. .
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY REQUIRED PERMITS AND COSTS ASSOCIATED WITH SAID PERMITS

TREE/PLANT PROTECTION NOTES:

- PRIOR TO BEGINNING CONSTRUCTION ON SITE, CONTRACTOR SHALL IDENTIFY, CONFIRM WITH OWNER AND PROTECT EXISTING TREES AND PLANTS DESIGNATED AS TO REMAIN.
- PROVIDE 5 FOOT TALL TREE PROTECTION FENCE WITH DISTINCTIVE MARKING VISIBLE TO CONSTRUCTION EQUIPMENT, ENCLOSEING DRIP LINES OF TREES DESIGNATED TO REMAIN.
- WORK REQUIRED WITHIN FENCE LINE SHALL BE HELD TO A MINIMUM, AVOID UNNECESSARY MOVEMENT OF HEAVY EQUIPMENT WITHIN FENCED AREA AND DO NOT PARK ANY VEHICLES UNDER DRIP LINE OR TREES. DO NOT STORE EQUIPMENT OR MATERIALS WITHIN FENCE LINE.
- PRIOR TO REMOVING ROOTS AND BRANCHES LARGER THAN 2" IN DIAMETER OF TREES OR PLANTS THAT ARE TO REMAIN, CONSULT WITH THE OWNER'S PROJECT MANAGER.
- ANY GRADE CHANGES GREATER THAN 6" WITHIN THE DRIPLINE OF EXISTING TREES SHALL NOT BE MADE WITHOUT FIRST CONSULTING THE ARCHITECT / CIVIL ENGINEER.
- PROTECT EXISTING TREES TO REMAIN FROM SPILLED CHEMICALS, FUEL OIL, MOTOR OIL, GASOLINE AND ALL OTHER CHEMICALLY INJURIOUS MATERIALS; AS WELL AS FROM PUDDLING OR CONTINUOUSLY RUNNING WATER. SHOULD A SPILL OCCUR, STOP WORK IN THAT AREA AND CONTACT THE INSPECTOR IMMEDIATELY. CONTRACTOR SHALL BE RESPONSIBLE TO MITIGATE DAMAGE FROM SPILLED MATERIAL AS WELL AS MATERIAL CLEAN UP.
- PROVIDE TEMPORARY IRRIGATION TO ALL TREES AND PLANTS THAT ARE IN OR ADJACENT TO CONSTRUCTION AREAS WHERE EXISTING IRRIGATION SYSTEMS MAY BE AFFECTED BY THE CONSTRUCTION. ALSO PROVIDE TEMPORARY IRRIGATION TO RELOCATE TREES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ONGOING MAINTENANCE OF ALL TREES AND PLANTS DESIGNATED TO REMAIN AND FOR MAINTENANCE OF RELOCATED TREES STOCKPILED DURING CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO REPLACE TREES OR PLANTS THAT DIE DUE TO LACK OF MAINTENANCE.
- TREE PROTECTION ZONES NEED TO BE SET UP WITH FENCING AROUND TREES TO A MINIMUM DISTANCE OF 10 FEET FROM THE BUTTRESS FLAIR. NO EQUIPMENT, MATERIALS STORAGE, OR DIGGING IS ALLOWED WITHIN THE TREE PROTECTION ZONE WITHOUT WRITTEN AUTHORIZATION FROM THE PROJECT ARBOHIST, ARBOHIST SUPERVISOR OR AUTHORIZED DESIGNATE. ANY AUTHORIZED DIGGING WITHIN THE TREE PROTECTION ZONE MUST BE DONE BY HAND; I.E. PICK AND SHOVEL. CARE MUST BE TAKEN TO AVOID SEVERING ANY STRUCTURAL ROOTS. ANY ROOTS GREATER THAN 2" IN DIAMETER INCIDENTALLY SEVERED, WHETHER INSIDE OR OUTSIDE OF THE TREE PROTECTION ZONE, WILL NEED TO BE BROUGHT TO THE ATTENTION OF AND INSPECTED BY THE PROJECT ARBOHIST, ARBOHIST SUPERVISOR OR AUTHORIZED DESIGNATE; WHO WILL EVALUATE THE TREE IN QUESTION FOR IMPACTS TO BOTH LONG TERM HEALTH AND STABILITY. ANY ROOT SEVERANCE CONCLUDED TO COMPROMISE TREE STABILITY/SAFETY MAY RESULT IN TREE REMOVAL. ANY COSTS RESULTING FROM TREE REMOVALS WILL BE CHARGED TO THE PROJECT IN QUESTION. ANY COSTS FROM TREE REMOVALS RESULTING FROM VIOLATIONS OF THE COUNTY CODES WILL BE ABSORBED BY THE CONTRACTOR UP TO AND INCLUDING ANY FINES LEVIED BY THE COUNTY.

SITE MAINTENANCE:

- REMOVE ALL DIRT, GRAVEL, RUBBISH, REFUSE, AND GREEN WASTE FROM STREET PAVEMENT AND STORM DRAINS ADJOINING THE SITE. LIMIT CONSTRUCTION ACCESS ROUTES ONTO THE SITE AND PLACE GRAVEL PADS AT THESE LOCATIONS. DO NOT DRIVE VEHICLES AND EQUIPMENT OFF THE PAVED OR GRAVELED AREAS DURING WET WEATHER.
- SWEEP OR VACUUM THE STREET PAVEMENT AND SIDEWALKS ADJOINING THE PROJECT SITE AND THE ON-SITE PAVED AREAS ON A DAILY BASIS. SCRAPE CAKED-ON MUD AND DIRT FROM THESE AREAS BEFORE SWEEPING. CORNERS AND HARD TO REACH AREAS SHALL BE SWEEPED MANUALLY.
- CONTRACTOR SHALL: GATHER ALL CONSTRUCTION DEBRIS ON A REGULAR BASIS AND PLACE IT IN A DUMPSTER OR OTHER CONTAINER WHICH IS EMPTIED OR REMOVED ON A REGULAR BASIS. WHEN APPROPRIATE, USE TARPS ON THE GROUND TO COLLECT FALLEN DEBRIS OR SPLATTERS THAT COULD CONTRIBUTE TO STORM WATER RUNOFF POLLUTION.
- IF THE STREET, SIDEWALKS AND/OR PARKING LOT ARE PRESSURE WASHED, DEBRIS MUST BE TRAPPED AND COLLECTED TO PREVENT ENTRY INTO THE STORM DRAIN SYSTEM. NO CLEANING AGENT MAY BE DISCHARGED INTO THE STORM DRAIN. IF ANY CLEANING AGENT OR DEGREASER IS USED, WASHED WATER MUST BE COLLECTED AND DISCHARGED TO THE SANITARY SEWER, SUBJECT TO THE APPROVAL OF THE OWNER'S PROJECT MANAGER, OR OTHERWISE DISPOSED OF THROUGH APPROVED DISPOSAL METHODS.
- CREATE A CONTAINED AND COVERED AREA ON THE SITE FOR THE STORAGE OF BAGS, CEMENT, PAINTS, OILS, FERTILIZERS, PESTICIDES, OR OTHER MATERIAL USED ON THE SITE THAT HAVE THE POTENTIAL OF BEING WIND-BLOWN OR IN THE EVENT OF A MATERIAL SPILL.
- NEVER CLEAN MACHINERY, EQUIPMENT OR TOOLS INTO A STREET, GUTTER OR STORM DRAIN.
- ENSURE THAT CEMENT TRUCKS, PAINTERS, OR STUCCO/PLASTER FINISHING CONTRACTORS DO NOT DISCHARGE WASH WATER FROM EQUIPMENT, TOOLS OR RINSE CONTAINERS INTO GUTTERS OR DRAINS.
- THE ON-SITE STORM DRAIN FACILITIES SHALL BE CLEANED A MINIMUM OF TWICE A YEAR AS FOLLOWS: IMMEDIATELY PRIOR TO OCTOBER 15TH AND ONCE IN JANUARY. ADDITIONAL CLEANING MAY BE REQUIRED IF FOUND NECESSARY BY THE INSPECTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR COST ASSOCIATED WITH CLEANING.
- PREVENT DUST FROM LEAVING THE SITE AND ACCUMULATING ON ADJACENT AREAS AS REQUIRED IN THE DUST CONTROL NOTES ON THIS SHEET.
- PREVENT SEDIMENT LADEN STORM RUN-OFF FROM LEAVING THE SITE OR ENTERING STORM DRAIN OR SANITARY SEWER SYSTEMS AS REQUIRED IN THE EROSION AND SEDIMENTATION CONTROL NOTES ON THIS SHEET.
- MAINTAIN EXISTING TREES AND PLANTS THAT ARE TO REMAIN AS REQUIRED BY THE TREE AND PLANT PROTECTION NOTES ON THE SHEET.

STORM DRAIN NOTES:

- ALL STORM DRAIN PIPE SHALL BE PVC PER SECTION 02630, SLOPED AT 2% UNLESS OTHERWISE SPECIFIED ON THE PLANS. PIPE SHALL BE SIZED AS SPECIFIED ON THE PLANS. ALL DIRECTION CHANGES SHALL BE MADE WITH A Y CONNECTION OR LONG SWEEP ELBOWS, REGULAR ELBOWS, AND TEE'S SHOULD BE AVOIDED.
- USE DETECTABLE METALIZED WARNING TAPE APPROXIMATE 6" BELOW THE SURFACE. TAPE SHALL BE A BRIGHT COLOR AND IMPRINTED WITH "CAUTION- STORM DRAIN LINE BELOW", CALPICO TYPE 2 OR EQUAL.
- PAINT THE TOP OF THE CURBS ADJACENT TO EACH CATCH BASIN INSTALLED UNDER THE WORK OR ADJACENT TO THIS SITE WITH THE WORDS "NO DUMPING". WORDING TO BE BLUE 4" HIGH LETTERS ON A PAINTED WHITE BACKGROUND. A " NO DUMPING"
- ALL AREA DRAINS AND CATCH BASINS GRATES WITHIN PEDESTRIAN ACCESSIBLE AREAS SHALL MEET ADA REQUIREMENTS AND HAVE BOLT DOWN GRATES.
- ALL TRENCHES SHALL BE BACKFILLED PER THE SPECIFICATIONS WITH APPROPRIATE TEST BY THE GEOTECHNICAL ENGINEER TO VERIFY COMPACTION VALUES.
- FOR GRAVITY FLOW SYSTEMS CONTRACTOR SHALL VERIFY (POTHOLE IF NECESSARY) SIZE, MATERIAL, LOCATION AND DEPTH OF ALL SYSTEMS THAT ARE TO BE CONNECTED TO OR CROSSED PRIOR TO TRENCH OR INSTALLATION OF ANY GRAVITY FLOW SYSTEM.
- COMPLETE SYSTEMS; ALL UTILITY SYSTEMS ARE DELINEATED IN SCHEMATIC MANNER ON THESE PLANS. CONTRACTOR IS TO PROVIDE ALL FITTINGS, ACCESSORIES, AND WORK NECESSARY TO COMPLETE THE UTILITY SYSTEM SO THAT IT IS FULLY FUNCTIONING FOR THE PURPOSE INTENDED.

FIRE NOTES:

GEOTECHNICAL REPORT BY:
NINYO & MOORE GEOTECHNICAL & ENVIRONMENTAL SCIENCES CONSULTANTS .
DATED: SEPTEMBER 21, 2018 & UPDATED JANUARY 18, 2019 PROJECT NO. 403332001.

SOILS REPORT INDICATES THAT THE SOIL IS MODERATELY CORROSIVE, AND ALL BURIED IRON , STEEL AND CAST IRON, GALVANIZED STEEL AND DIELECTRIC COATED STEEL OR IRON SHOULD BE PROPERLY PROTECTED AGAINST CORROSION.

ALLOWABLE SOIL BEARING PRESSURE IS 3,500 PSF.

DEMOLITION NOTES:

- CONTRACTOR IS TO COMPLY WITH ALL GENERAL AND STATE REQUIREMENTS INVOLVING THE REMOVAL AND DISPOSAL OF HAZARDOUS MATERIAL(S).
- THE CONTRACTOR SHALL LOCATE AND CLEARLY MARK (AND THEN PRESERVE THESE MARKERS) FOR THE DURATION OF CONSTRUCTION OF ALL TELEPHONE, DATA, STREET LIGHT, SIGNAL LIGHT AND POWER FACILITIES THAT ARE IN OR NEAR THE AREA OF CONSTRUCTION.
- CONTRACTOR'S BID IS TO INCLUDE ALL VISIBLE SURFACE AND ALL SUBSURFACE FEATURES IDENTIFIED TO BE REMOVED OR ABANDONED IN THESE DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SITE INSPECTION TO FULLY ACKNOWLEDGE THE EXTENT OF THE DEMOLITION WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS NECESSARY FOR ENCROACHMENT, GRADING, DEMOLITION, AND STATE JURISDICTIONS. THE CONTRACTOR SHALL PAY ALL FEES ASSOCIATED CONTRACTOR SHALL PAY DISPOSAL FEES.
- CONTRACTOR SHALL PAY DISPOSAL FEES.
- BACKFILL ALL DEPRESSIONS AND TRENCHES FROM DEMOLITION OF FOUNDATIONS & UTILITIES TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
- WITHIN LIMITS OF WORK, REMOVE CURBS, GUTTERS, LANDSCAPING, SIGNAGE, TREES, SCRUBS, ASPHALT, UNDERGROUND PIPES, ETC. AS INDICATED ON THE PLANS AND SPECS.
- REMOVAL OF LANDSCAPING SHALL INCLUDE ROOTS AND ORGANIC MATERIALS TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
- PRIOR TO BEGINNING DEMOLITION WORK ACTIVITIES, CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES OUTLINED IN THE EROSION & SEDIMENTATION CONTROL PLAN & DETAILS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING ALL DEMOLITION MATERIALS, OR STORING SELECTED ITEMS BY OWNER'S REPRESENTATIVE AT DESIGNATED LOCATIONS.
- THE CONTRACTOR SHALL MAINTAIN ALL SAFETY DEVICES, AND SHALL BE RESPONSIBLE FOR CONFORMANCE TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS LAWS AND REGULATIONS.
- THE CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING IMPROVEMENTS FACILITIES AND STRUCTURES WHICH ARE TO REMAIN. ANY ITEMS DAMAGED BY THE CONTRACTOR OR HIS AGENTS OF ANY ITEMS REMOVED FOR HIS USE SHALL BE REPLACED IN EQUAL OR BETTER CONDITION AS APPROVED BY THE ARCHITECT OR OWNER'S REPRESENTATIVE.
- COORDINATE WITH ELECTRICAL, MECHANICAL, FIRE PROTECTION AND ARCHITECTURAL DRAWINGS FOR UTILITY SHUT-DOWN / DISCONNECT LOCATIONS. CONTRACTOR IS TO SHUT OFF ALL UTILITIES AS NECESSARY PRIOR TO DEMOLITION. CONTRACTOR IS TO COORDINATE SERVICE INTERRUPTIONS WITH THE OWNER. DO NOT INTERRUPT SERVICES ADJACENT OFF-SITE OWNERS. ALSO SEE ARCHITECTURAL PLANS FOR ADDITIONAL SCOPE OF WORK.
- DEMOLITION INCLUDES REMOVAL OF ALL PAVING OF EXISTING TENNIS COURT AND SELECT ITEMS, REFER TO DEMOLITION PLAN, AND PREPARE FOR NEW PAVING AND ASSOCIATED SITE FEATURES.
- ALL MATERIALS TO BE DEMOLISHED AND REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LAWFULLY DISPOSED OF OFF-SITE.
- THE PLAN IS NOT INTENDED TO BE A COMPLETE CATALOGUE OF ALL EXISTING STRUCTURES AND UTILITIES. THIS PLAN INTENDS TO DISCLOSE GENERAL INFORMATION KNOWN BY THE ENGINEER AND TO SHOW THE LIMITS OF THE AREA WHERE WORK WILL BE PERFORMED. THIS PLAN SHOWS THE EXISTING FEATURES TAKEN FROM A FIELD SURVEY, FIELD INVESTIGATIONS AND AVAILABLE INFORMATION. THIS PLAN MAY OR MAY NOT ACCURATELY REFLECT THE TYPE OR EXTENT OF THE ITEMS TO BE ENCOUNTERED AS THEY ACTUALLY EXIST. WHERE EXISTING FEATURES ARE NOT SHOWN, IT IS IMPLIED THAT THEY ARE NOT TO BE DEMOLISHED OR REMOVED. THE CONTRACTOR SHALL PERFORM A THOROUGH FIELD INVESTIGATION AND REVIEW OF THE SITE WITHIN THE LIMIT OF WORK SHOWN IN THIS PLAN SET TO DETERMINE THE TYPE, QUANTITY AND EXTENT OF ANY AND ALL ITEMS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THE EXTENT OF EXISTING STRUCTURES AND UTILITIES AND QUANTITY OR WORK INVOLVED IN REMOVING THESE ITEMS FROM THE SITE.

WATER SYSTEM NOTES:

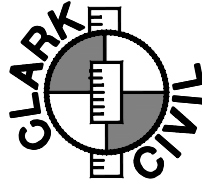
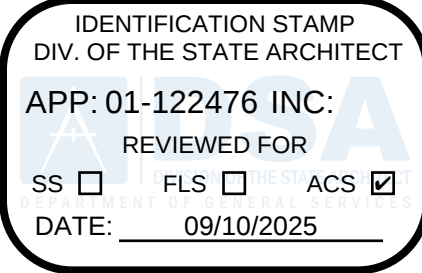
- WHERE WATER LINES HAVE TO CROSS SANITARY SEWER LINES, DO SO AT A 90 DEGREE ANGLE AND WATER LINES SHALL BE MINIMUM OF 12" ABOVE THE TOP OF THE SANITARY SEWER LINES.
- WATER LINES ARE SHOWN SCHEMATICALLY; CONTRACTOR SHALL IDENTIFY EACH ANGLE AND/ OR BEND THAT MAY BE REQUIRED TO ACCOMPLISH THE INTENDED DESIGN.
- USE DETECTABLE METALIZED WARNING TAPE APPROXIMATELY 6" BELOW THE SURFACE. TAPE SHALL BE A BRIGHT COLOR AND IMPRINTED WITH "CAUTION-WATER LINE BELOW", CALPICO TYPE 2 OR EQUAL.
- ALL WATER SERVICE CONNECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OR APPLICABLE WATER DISTRICT STANDARDS.
- PUBLIC AND PRIVATE WATER MAIN AND WATER SERVICE LINE 4-INCH THROUGH 12-INCH SHALL BE POLYVINYL CHLORIDE (PVC) AND SHALL MEET AWWA C900, RATED FOR 200 PSI CLASS PIPE WITH EPOXY COATED DUCTILE IRON FITTINGS AND FUSION EPOXY COATED GATE VALVES. ALL JOINTS SHALL FACTORY MANUFACTURED WITH BELL AND SPIGOT ENDS AND RUBBER GASKETS. NONMETALLIC WATER LINES HAVE TRACER WIRE INSTALLED.
- CONNECTION TO THE EXISTING WATER MAIN SHALL BE APPROVED BY WATER COMPANY. THE DISTRICT SHALL PAY THE ACTUAL COSTS OF CONSTRUCTION. THE CONTRACTOR SHALL PERFORM ALL EXCAVATION PREPARE THE SITE, FURNISH ALL MATERIALS, INSTALL TAPPING TEE VALVE AND ALL THRUST BLOCKS. BACKFILL, RESTORE THE SURFACE, AND CLEANUP. ALL WET TAPS SHALL BE APPROVED BY THE CITY OR APPLICABLE WATER DISTRICT. NONMETALLIC WATER LINES SHALL HAVE TRACER WIRES INSTALLED.
- ALL WATER LINES 3" OR SMALLER SHALL BE TYPE K COPPER WITH SILVER BRAZED JOINTS. POLYETHYLENE PIPE MAY BE SUBSTITUTED. CONTRACTOR SHOULD SEEK APPROVAL FROM DISTRICT BEFORE MAKING SUBSTITUTION. CONTRACTOR TO VERIFY PRESSURES FROM EXISTING LINES ARE ADEQUATE TO SERVICE BUILDINGS AS SPECIFIED BY THE PLUMBING PLANS.
- ALL WATER LINES SHALL BE INSTALLED WITH 3' MINIMUM COVER.
- ALL WATER VALVES SHALL BE PER CITY STANDARD.
- ALL TEMPORARY AND/OR PERMANENT AIR-RELEASE AND BLOW-OFF VALVES SHALL BE PER CITY STANDARD AND AS DIRECTED BY THE CITY ENGINEER.
- CONCRETE THRUST BLOCKS SHALL BE INSTALLED AT ALL TEES, CROSSINGS, BENDS (HORIZONTAL AND VERTICAL), AT SIZE CHANGES AND AT FIRE HYDRANTS PER CITY STANDARD. AWWA C502 UNLESS NOTED OTHERWISE.
- MECHANICALLY RESTRAINED JOINTS SHALL BE INSTALLED AT VERTICAL BENDS IN ACCORDANCE WITH CITY STANDARDS AND AS APPROVED BY THE CITY ENGINEER.
- ALL WATER VALVES SHALL BE CLUSTERED, UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.

SANITARY SEWER NOTES:

- INSTALL DETECTABLE METALIZED WARNING TAPE APPROXIMATELY 6"-12" BELOW THE SURFACE IN NON-PAVED AREAS, AND AT THE BOTTOM OF BASEROCK FOR PAVED AREAS. GREEN IMPRINTED WITH "CAUTION- SANITARY SEWER LINE BELOW", CALPICO TYPE 2 OR EQUAL.
- ALL SEWER WORK SHALL BE IN CONFORMANCE WITH THE CITY OR APPROPRIATE SANITARY SEWER DISTRICT.
- PUBLIC AND PRIVATE SANITARY SEWER MAIN AND SERVICE LINE 4-INCH THROUGH 8-INCH SHALL BE POLYVINYL CHLORIDE (PVC) SDR 26 GREEN SEWER PIPE AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION D 3034-08 WITH GLUED JOINTS.

SITE FENCING NOTES:

- CONTRACTOR SHALL PROVIDE A CONSTRUCTION FENCE AROUND THE ENTIRE AREA OF DEMOLITION AND CONSTRUCTION, INCLUDING ALL STAGING, STORAGE, CONSTRUCTION OFFICE AND LAYDOWN AREAS.
- FENCE LOCATION MAY BE ADJUSTED FROM TIME TO TIME AS CONSTRUCTION PROCEEDS TO EXCLUDE SOME AREAS WHERE CONSTRUCTION WORK IS NOT BEING DONE AND THE AREA IS NOT OBJECTIONABLE IN VISUAL APPEARANCE, AT THE DISCRETION AND APPROVAL OF THE DISTRICT STAFF.
- CONSTRUCTION FENCE SHALL BE A MINIMUM OF A 6' HIGH GALVANIZED CHAIN LINK FENCE WITH GREEN WINDSCREEN FABRIC ON THE OUTSIDE OF THE FENCE.
- CONTRACTOR SHALL REPLACE THE GREEN FABRIC AT LEAST ONE A YEAR OR AT SUCH A TIME AS IT BECOMES TATTERED AND UNSIGHTLY DUE TO WIND OR CONSTRUCTION ACTIVITIES.

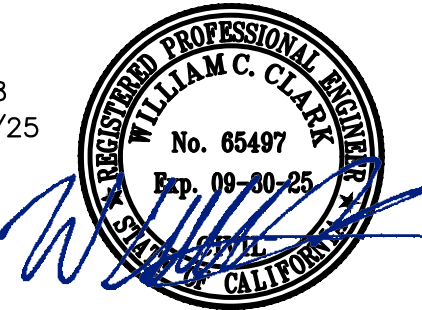


CLARK CIVIL ENGINEERING
DESIGN • CONSULTING • SURVEY
5500 Nicasio Valley Road, Nicasio, CA
PH: 415-295-4450

PLUM | architects

870 Market St, Ste 878, San Francisco, CA 94102
TEL: 415-837-0900

DESIGN BY: WCC
DRAWN BY: WC
CCE JOB NO: 225028
SIGNATURE DATE 9/2/25



	Revisions
SCHEMATIC DESIGN	04/15/25
50% CD	05/27/25
DSA 01-122152 INTAKE	07/22/25
BACKCHECK SUBMITTAL	09/03/25

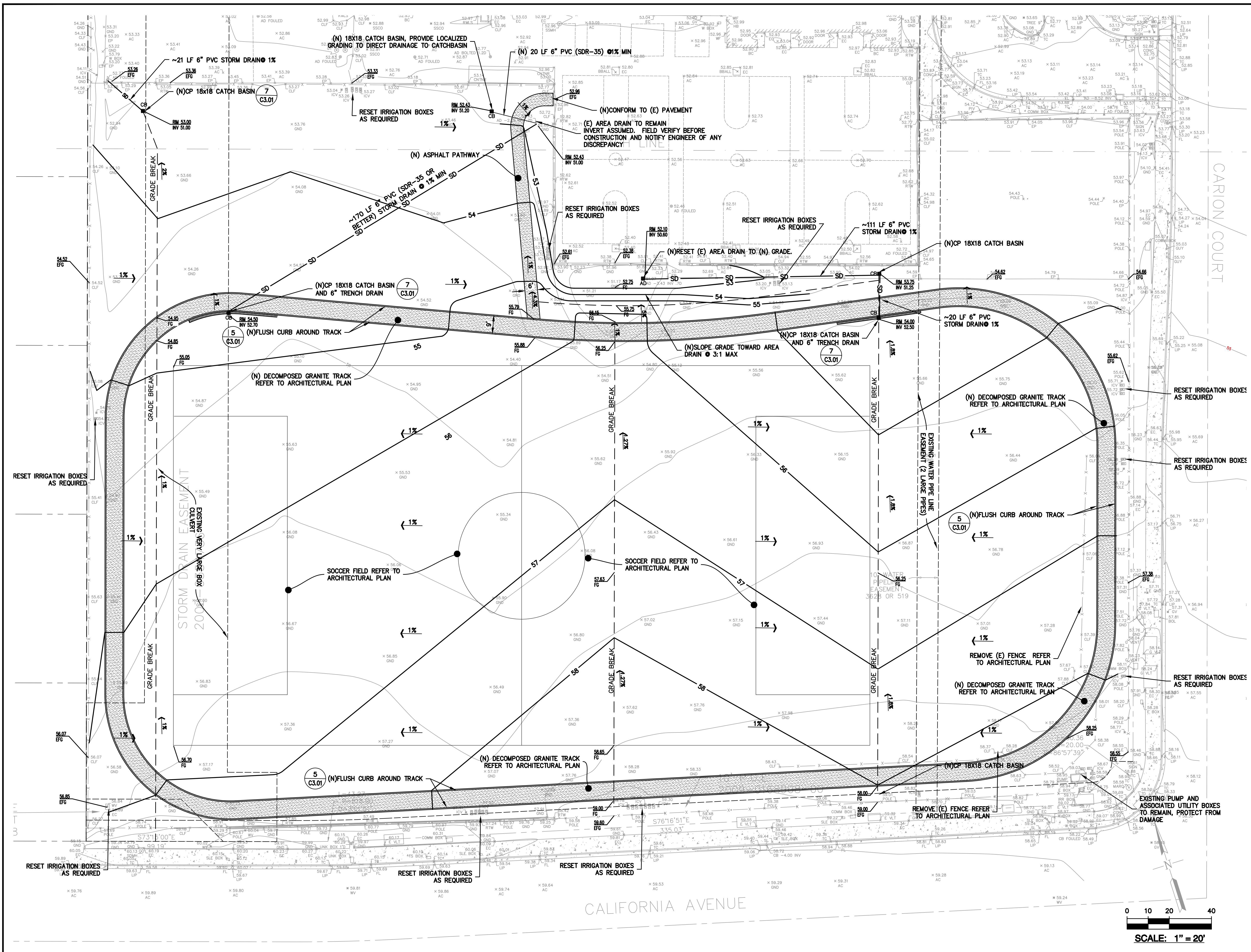
Project 2508
Martin Luther King Jr
Junior High School
Running Track

2012 Carion Court
Pittsburg, CA 94565
Pittsburg Unified School District

SPECIFICATIONS

C0.02

Date
JULY 22, 2025



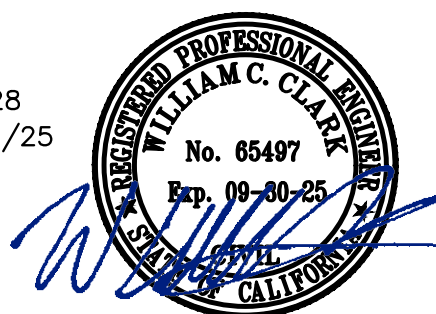
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122476 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 09/10/2025

CLARK CIVIL ENGINEERING
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Sheet
**GRADING & DRAINAGE
PLAN**

C2.01

Date
JULY 22, 2025

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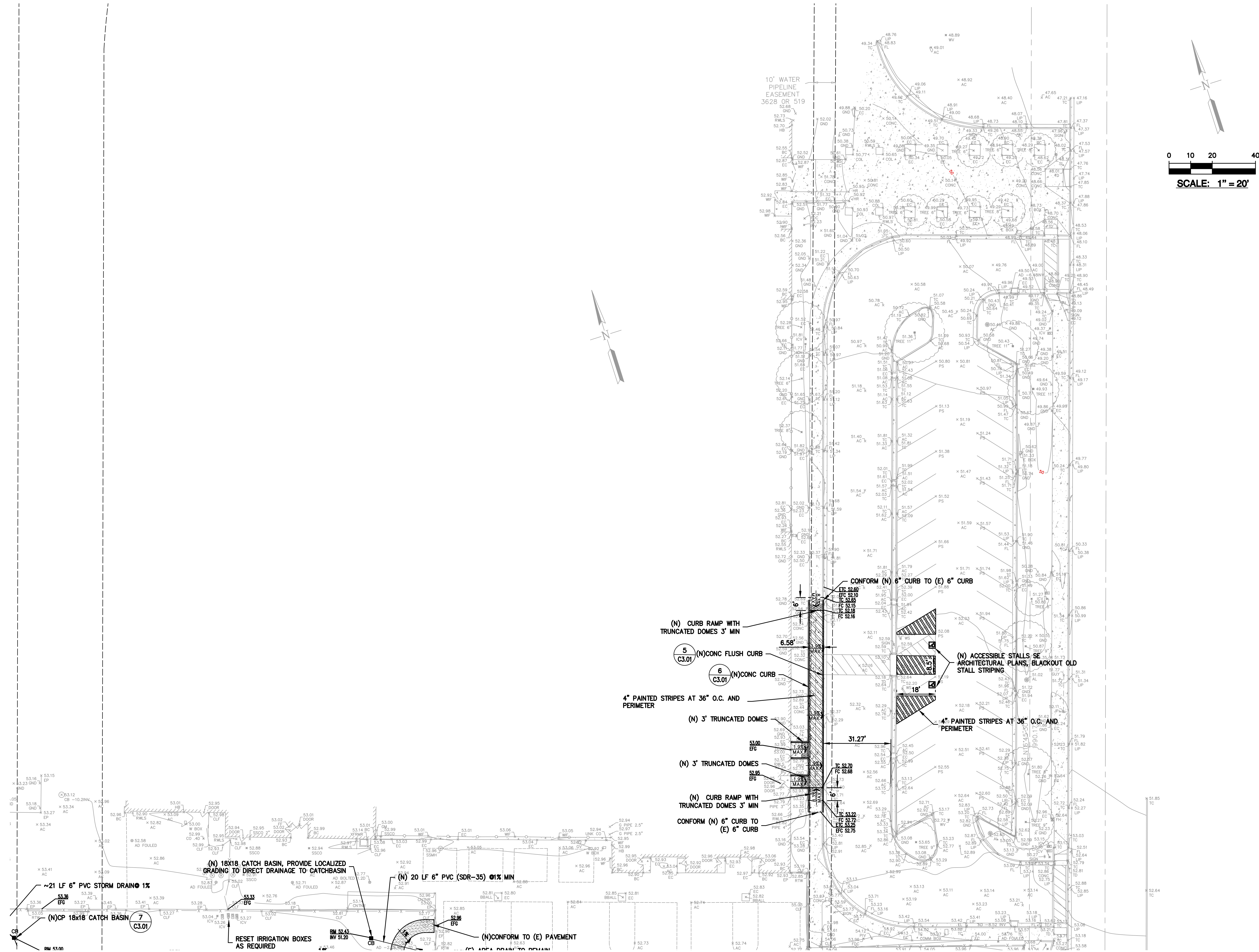
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GRADING & DRAINAGE
PLAN

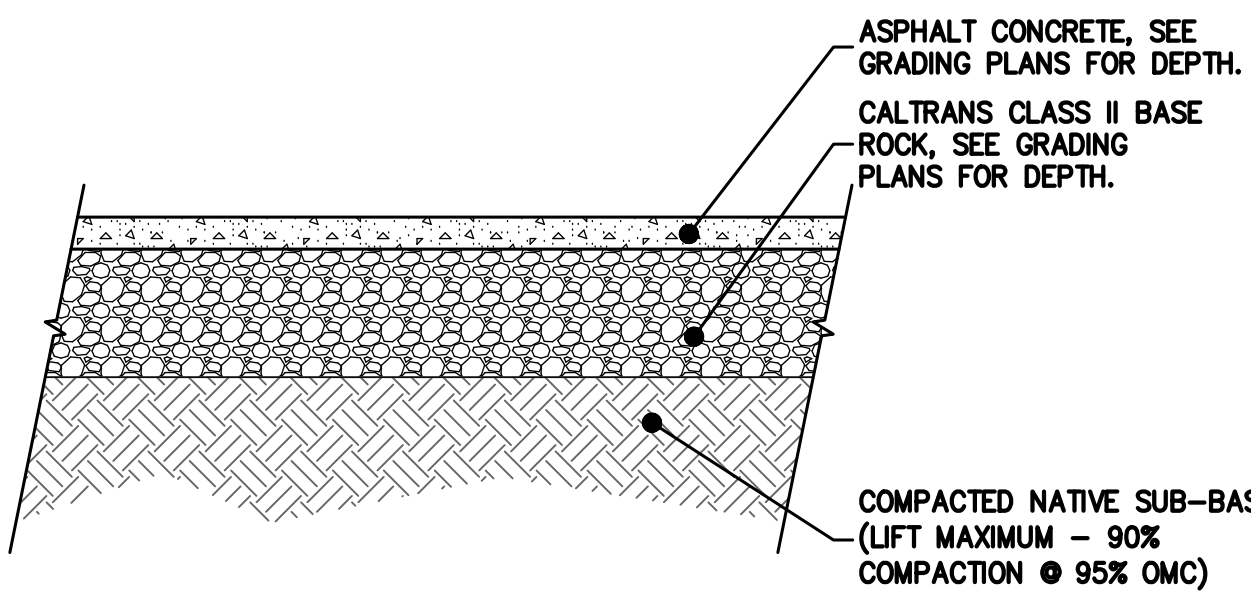
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Date
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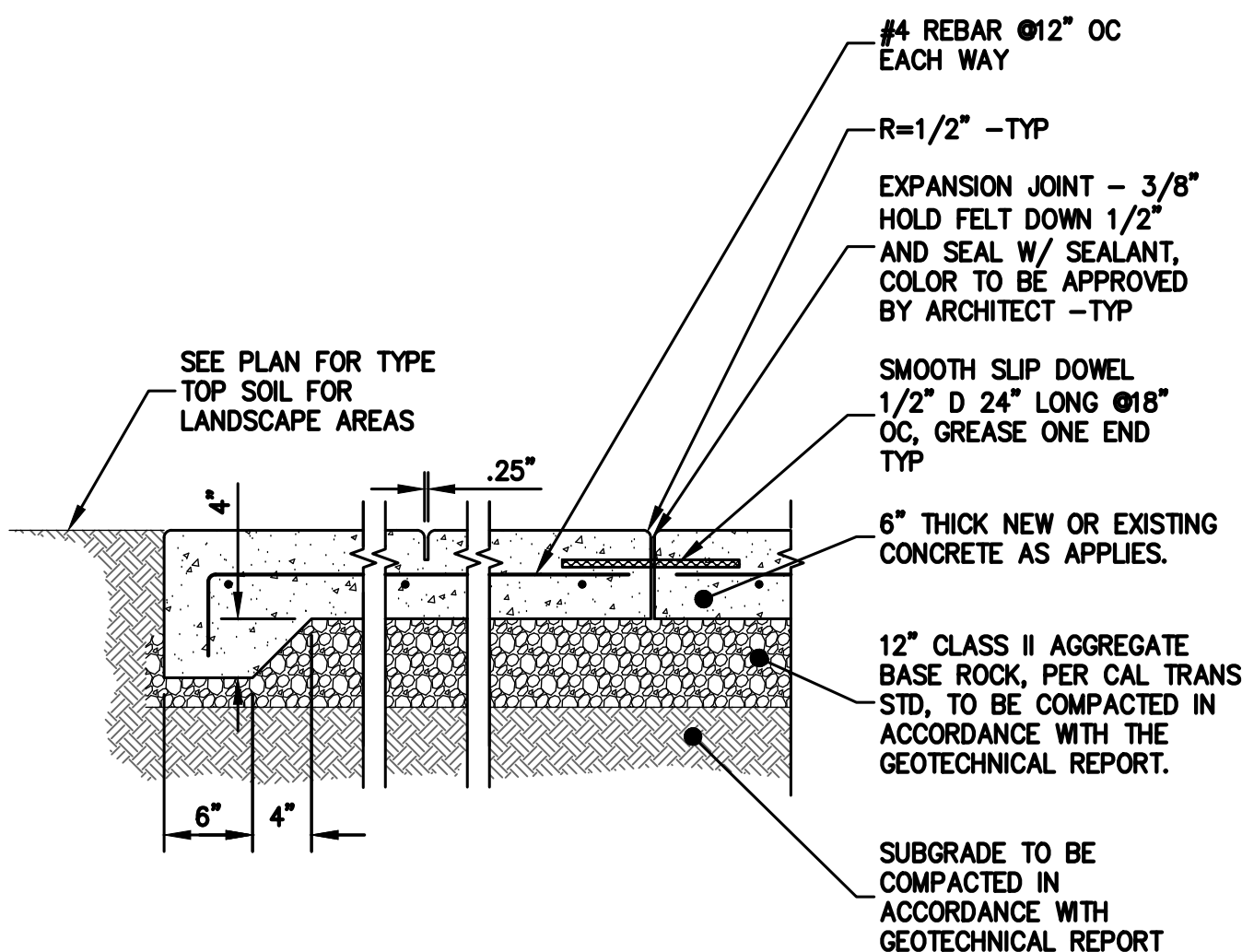
NOTES:

1. SLOPE ALL CONCRETE TO DRAIN 1% MIN.
2. SEE ARCHITECTURAL PLANS FOR CONCRETE COLORS AND FINISHES.
3. EASE ALL EDGES R=1/2"
4. FELT SHALL BE NON-ASPHALTIC IMPREGNATED.

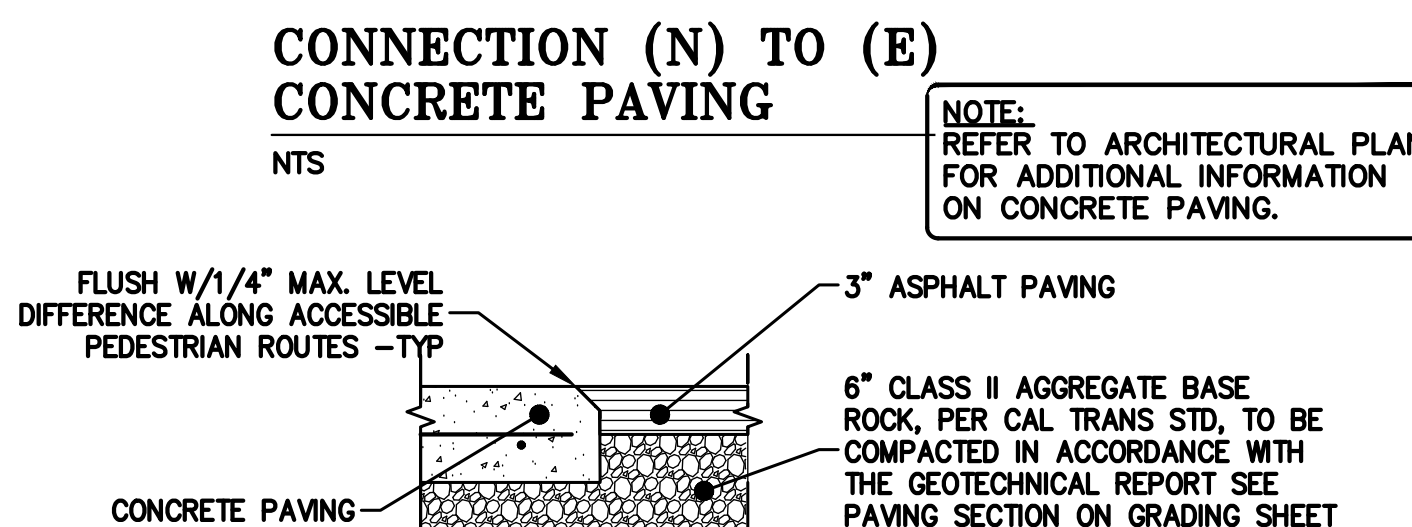
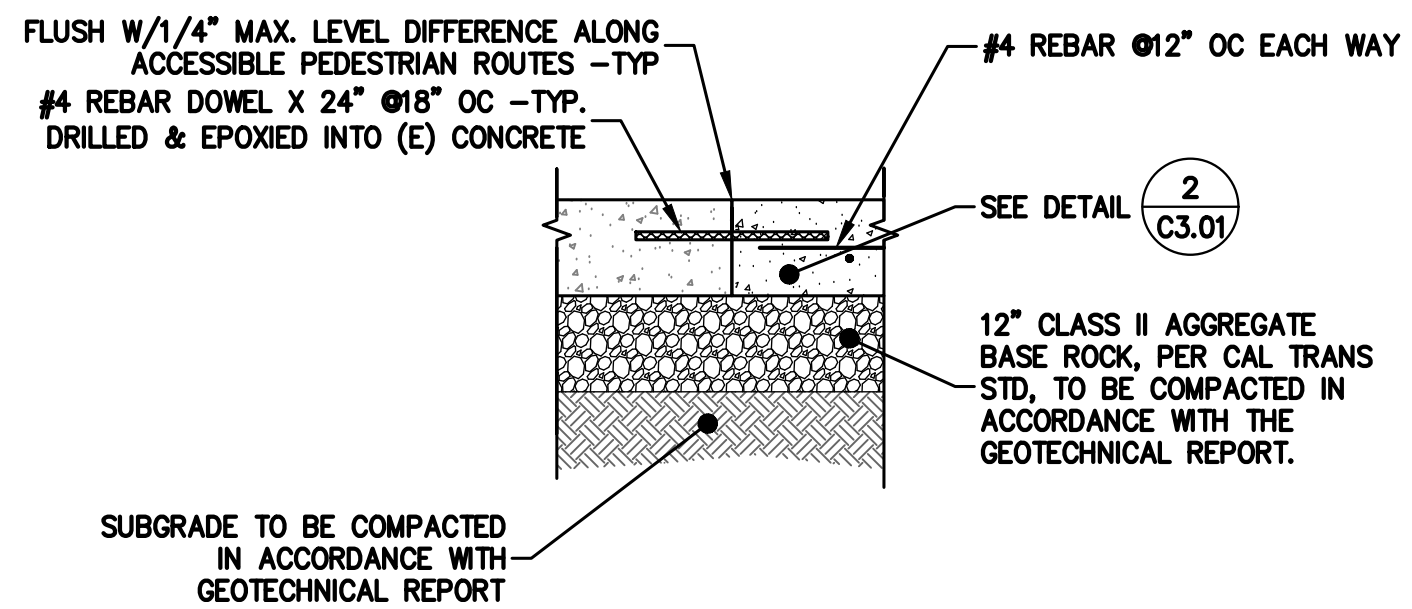


NOTE:
PAVEMENT SECTION PER
GEOTECHNICAL REPORT.

1 ASPHALT SECTION
C3.01 NTS

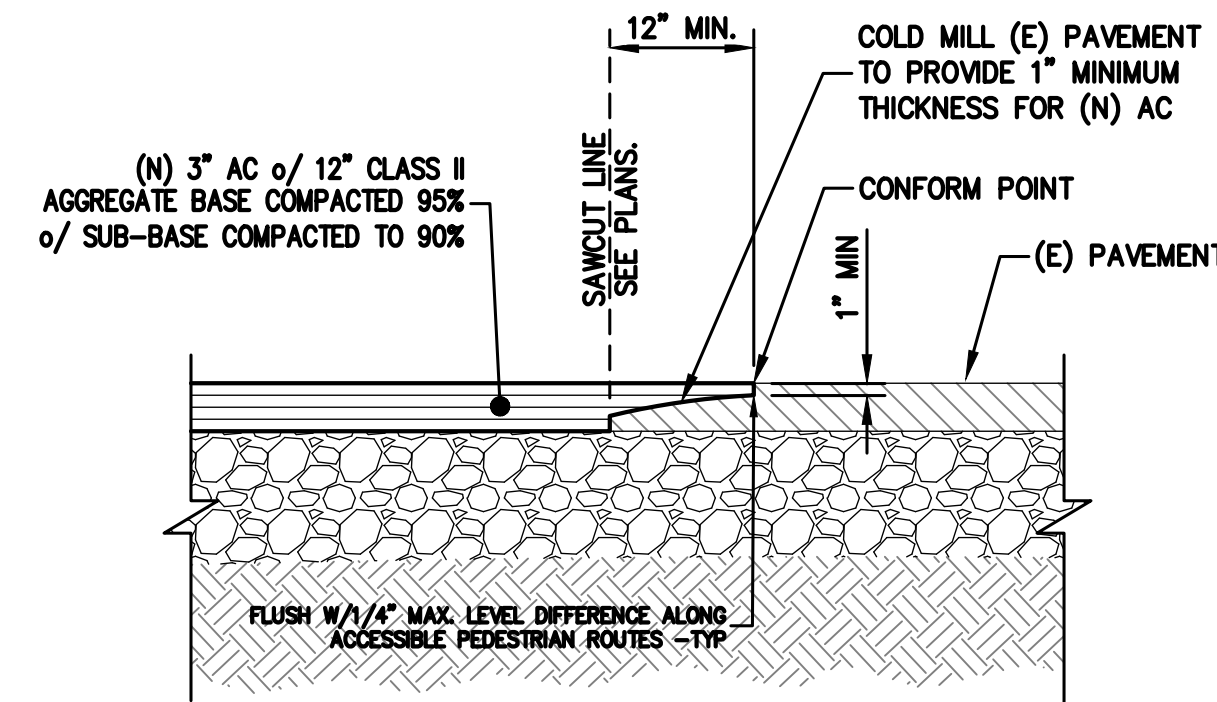


2 CONCRETE PAVING
C3.01 NTS



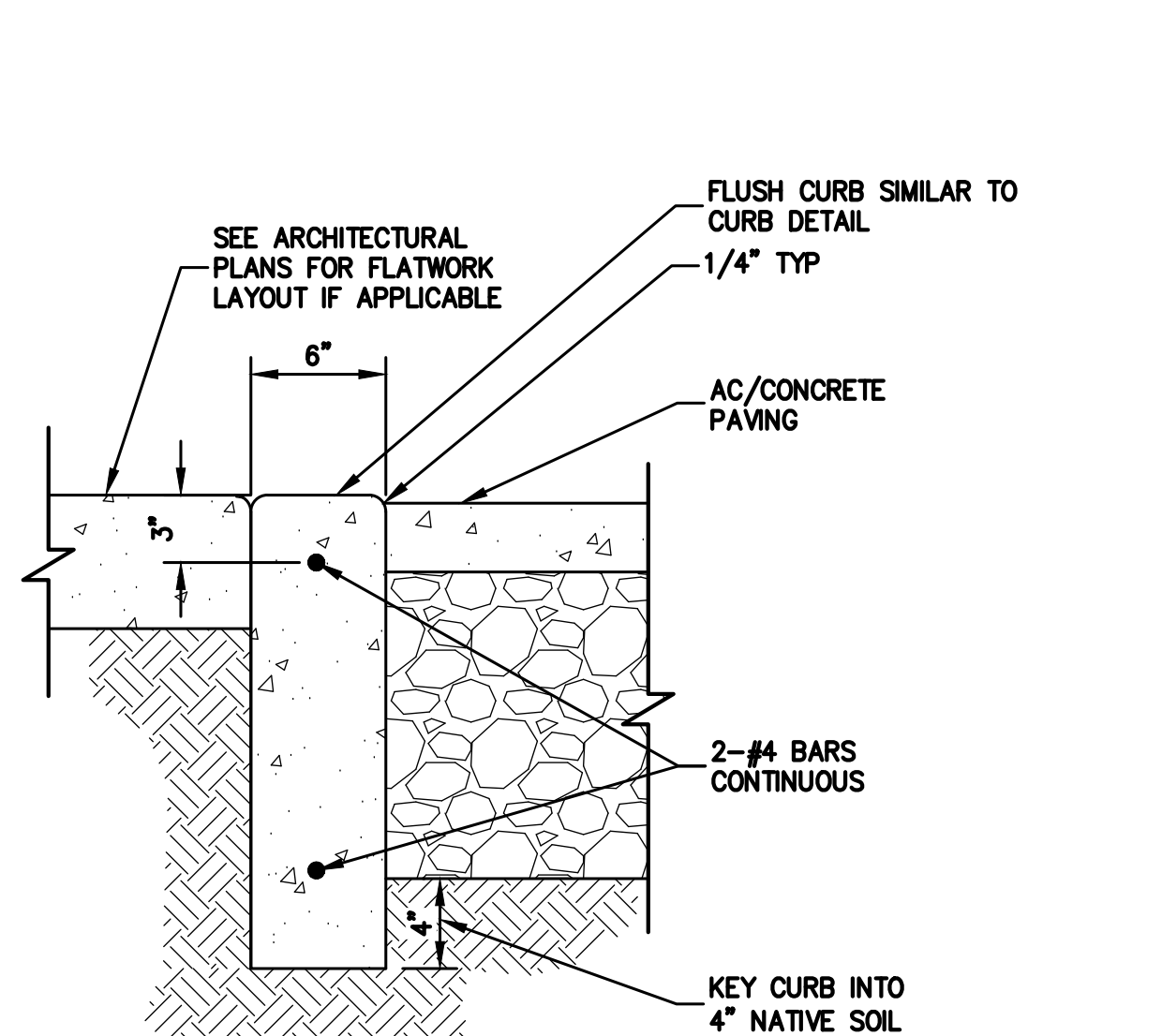
3 CONNECTION (N) TO (E)
CONCRETE PAVING
C3.01 NTS

4 CONFORM FOR NEW ASPHALT
AND NEW CONCRETE PAVING
C3.01 NTS



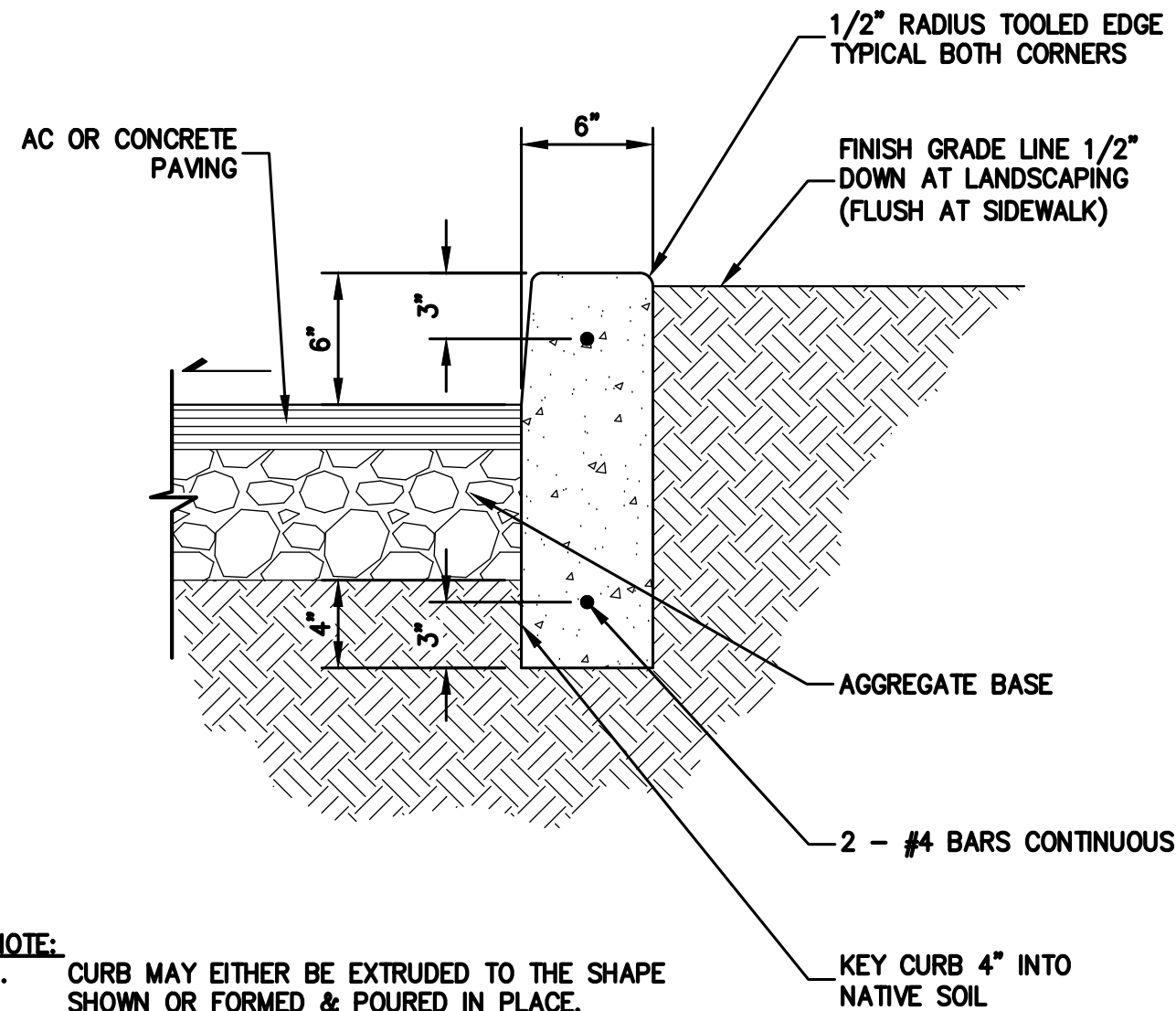
- NOTES:
1. TIE-IN PAVEMENT SECTION AS SHOWN ON PLANS.
 2. TIE-IN OF ASPHALT CONCRETE SHALL EXTEND TO AT LEAST THE BOTTOM OF EXISTING ASPHALT CONCRETE.

5 PAVEMENT TIE-IN
C3.01 NTS



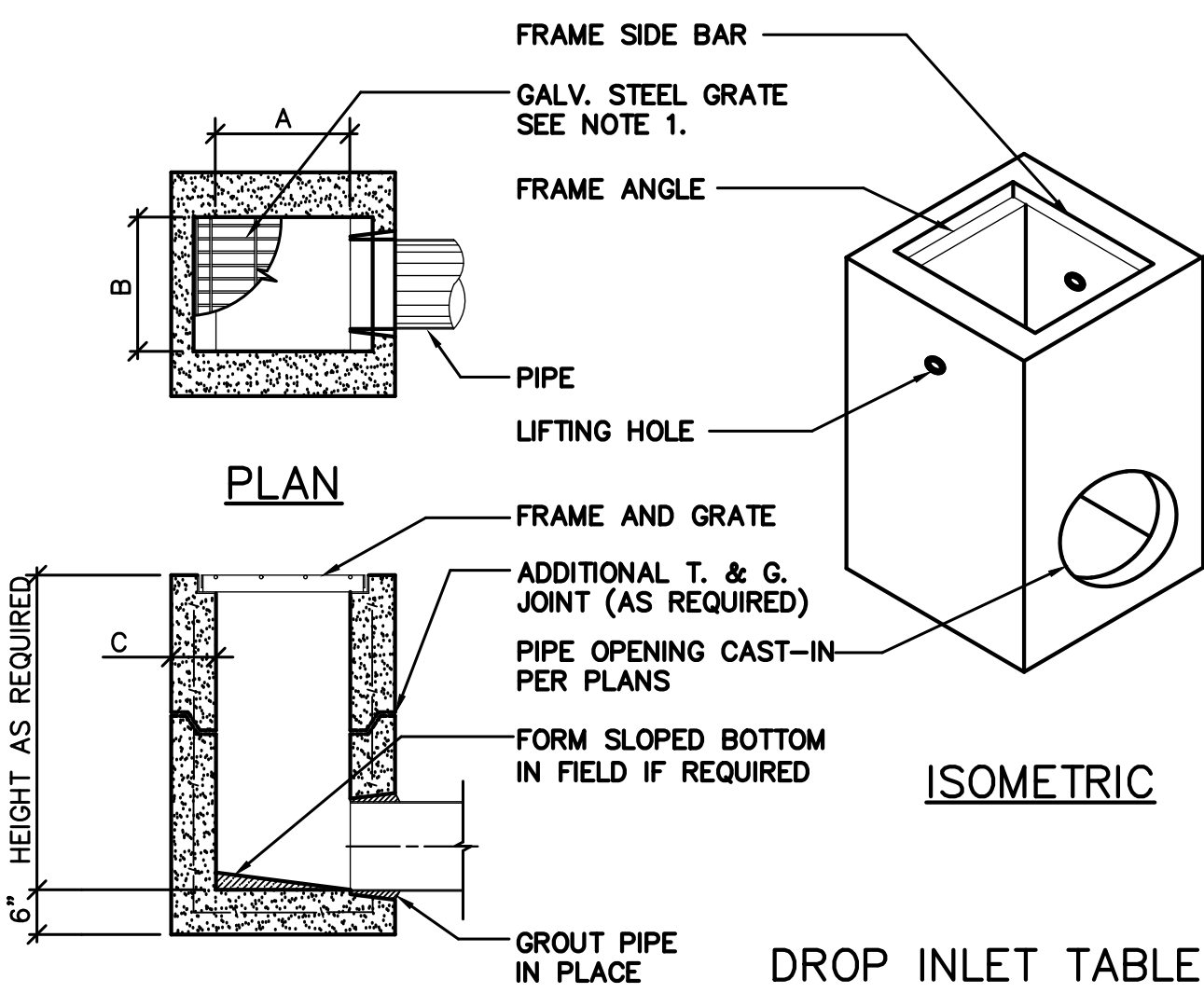
- NOTE:
1. CURB MAY EITHER BE EXTRUDED TO THE SHAPE SHOWN OR FORMED & POURED IN PLACE.
 2. PROVIDE EXPANSION JOINTS @ 15'-0\"/>

6 FLUSH CURB
C3.01 NTS



- NOTE:
1. CURB MAY EITHER BE EXTRUDED TO THE SHAPE SHOWN OR FORMED & POURED IN PLACE.
 2. PROVIDE EXPANSION JOINTS @ 15'-0\"/>

7 TYPICAL CURB
C3.01 NTS



TYPICAL SECTION

NOTES:

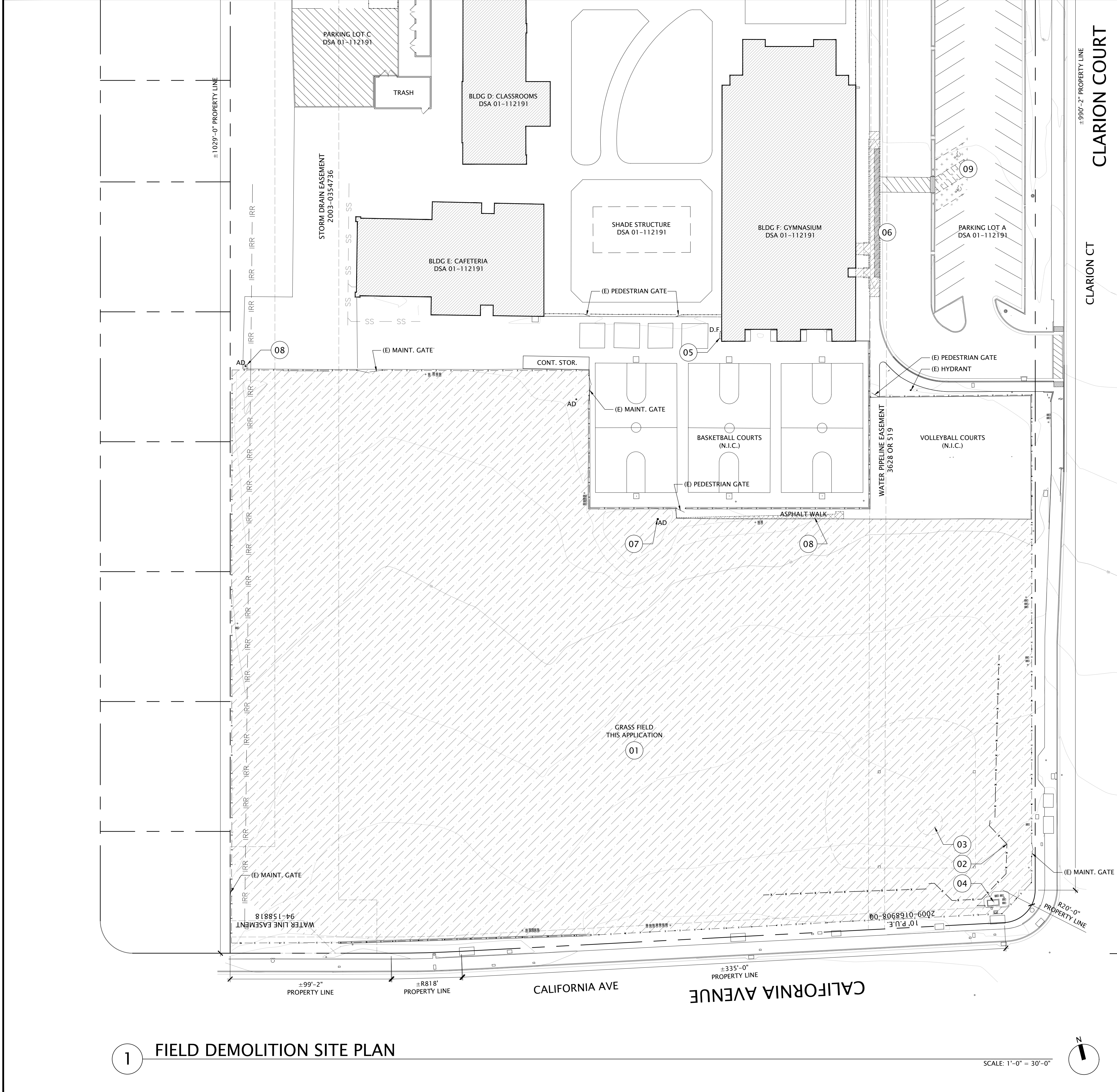
1. ADA COMPLIANT GRATE TO HAVE A 1/2\"/>
2. FRAMES AND GRATES MAY BE SPECIFIED FOR PEDESTRIAN OR H20 TRAFFIC LOADING. ALL GRATES ARE BICYCLE PROOF. OPTIONAL GRATE LOADING REMOVE AVAILABLE ON REQUEST SEE DRAWING 'LOCK' ON PAGE 1-7. CLOSED- MESH GRATES OR CAST IRON FRAME AND GRATES ARE AVAILABLE ON REQUEST.
3. FOR SURFACE AND DISCHARGE OPTIONS AVAILABLE SEE DRAWING NO. 'DI-SU' PAGE 1-8 AND 'DI-SO' PAGE 1-9.
4. FRAMES AND GRATES DETAILS SEE PAGES 1-8, 1-9, AND 1-10.
5. WALL THICKNESSES ON ALL D.I.S. CAN BE CHANGED UPON REQUEST.
6. 18\"/>

CENTRAL PRECAST
CATCH BASIN DETAIL

8 CENTRAL PRECAST
CATCH BASIN DETAIL
C3.01 NTS

DROP INLET TABLE

MODEL No.	CPC MODEL NAME	A		B		C	
		IN	MM	IN	MM	IN	MM
CP1212	EK	12	300	12	300	4	100
CP1818	CK	18	450	18	450	5	125
CP1824	1K*	18	450	24	600	5	125
CP2424	2K	24	600	24	600	5	125
CP2430	3K	24	600	30	750	5	125
CP3030	5K	30	750	30	750	6	150
CP2436	1L	24	600	36	900	6	150
CP3636	1M	36	900	36	900	6	150
CP2448	3L	24	600	48	1200	6	150
CP3648	3M	36	900	48	1200	6	150
CP4848	1R	48	1200	48	1200	6	150



1 FIELD DEMOLITION SITE PLAN

SHEET NOTES

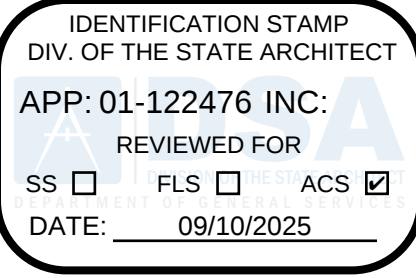
- A. ALL EXISTING ACCESSIBILITY INFORMATION ON THIS SHEET IS DERIVED FROM DSA APPLICATION #01-112191 AND VERIFIED BY THE AOR. MODIFICATIONS TO THE EXISTING CAMPUS OR FACILITIES ARE INDICATED AND INCLUSIVE TO THE SCOPE OF WORK INDICATED.
- B. ALL WALK SURFACES IN THE PATH OF TRAVEL SHALL HAVE FLUSH TRANSITIONS TO ALL ADJACENT WALK SURFACES IN PATH OF TRAVEL AND SHALL HAVE NO MORE THAN 4" DROPOFF ON EITHER SIDE OF WALK PARALLEL TO THE PATH OF TRAVEL, UNLESS 6" HIGH CURB OR OTHER WARNING DEVICE IS PROVIDED.
- C. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT 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 POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS, OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON-COMPLIANT 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 POT 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 POT 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 PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

KEYNOTES

- 01 REMOVE & DISPOSE OF EXISTING SOD AND MIN 8IN OF TOP SOIL. RE-GRADE EXISTING FIELD & PREPARE FOR RE-SEEDING, TYP OF ALL GRASS AREAS, S.C.D.
- 02 REMOVE EXISTING BASEBALL BACKSTOP, FENCING & FOOTINGS
- 03 CLEAR EXISTING ABANDONED BASEBALL FIELD OF ALL IN-GROUND BASES, FIELD & PLAY MARKERS
- 04 PROTECT EXISTING BACKFLOW PREVENTOR & UTILITIES IN PLACE
- 05 REMOVE EXISTING DRINKING FOUNTAIN
- 06 REMOVE EXISTING DETECTABLE WARNING STRIPS. CONCRETE WALKWAY & CURBS AT PASSENGER LOADING & DROP-OFF. CLEAR OUT EXISTING VEGETATION & DEBRIS AT EXISTING SIDEWALK/GUTTER JUNCTURE.
- 07 REMOVE & RESET TO NEW GRADE EXISTING AREA DRAIN, S.C.D.
- 08 REMOVE ASPHALT & SUBSURFACE MATERIALS AS REQUIRED FOR INSTALLATION OF REVISED STORM DRAINAGE. S.C.D. FOR ADDITIONAL TRENCHING & UTILITY SCOPE.
- 09 SANDBLAST TO REMOVE EXISTING ACCESSIBLE PARKING STRIPING & PREPARE ASPHALT SURFACE FOR INSTALLATION OF NEW ACCESSIBLE PARKING & AISLE STRIPING.

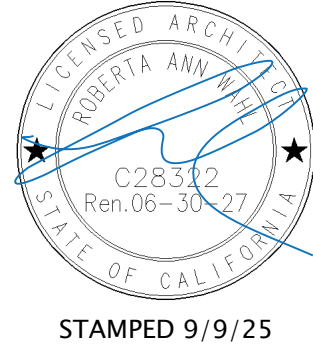
LEGEND

- EXISTING BUILDING
- AREA OF EXISTING GRASS FIELD TO BE CLEARED OF SOD/VEGETATION, SEE CIVIL FOR EXTENTS OF RE-GRADING
- AREA OF EXISTING CONC. SIDEWALK, DETECTABLE WARNING, RAMP & CURB TO BE REMOVED
- AREA OF EXISTING ASPHALT PAVING TO BE REMOVED FOR INSTALLATION OF REVISED STORM DRAINAGE, S.C.D.
- AREA OF EXISTING ASPHALT STRIPING TO BE REMOVED AT PARKING LOT
- KEY NOTE, SEE ABOVE



PLUM architects

870 Market St, Ste 878, San Francisco, CA 94102
TEL: 415-837-0900



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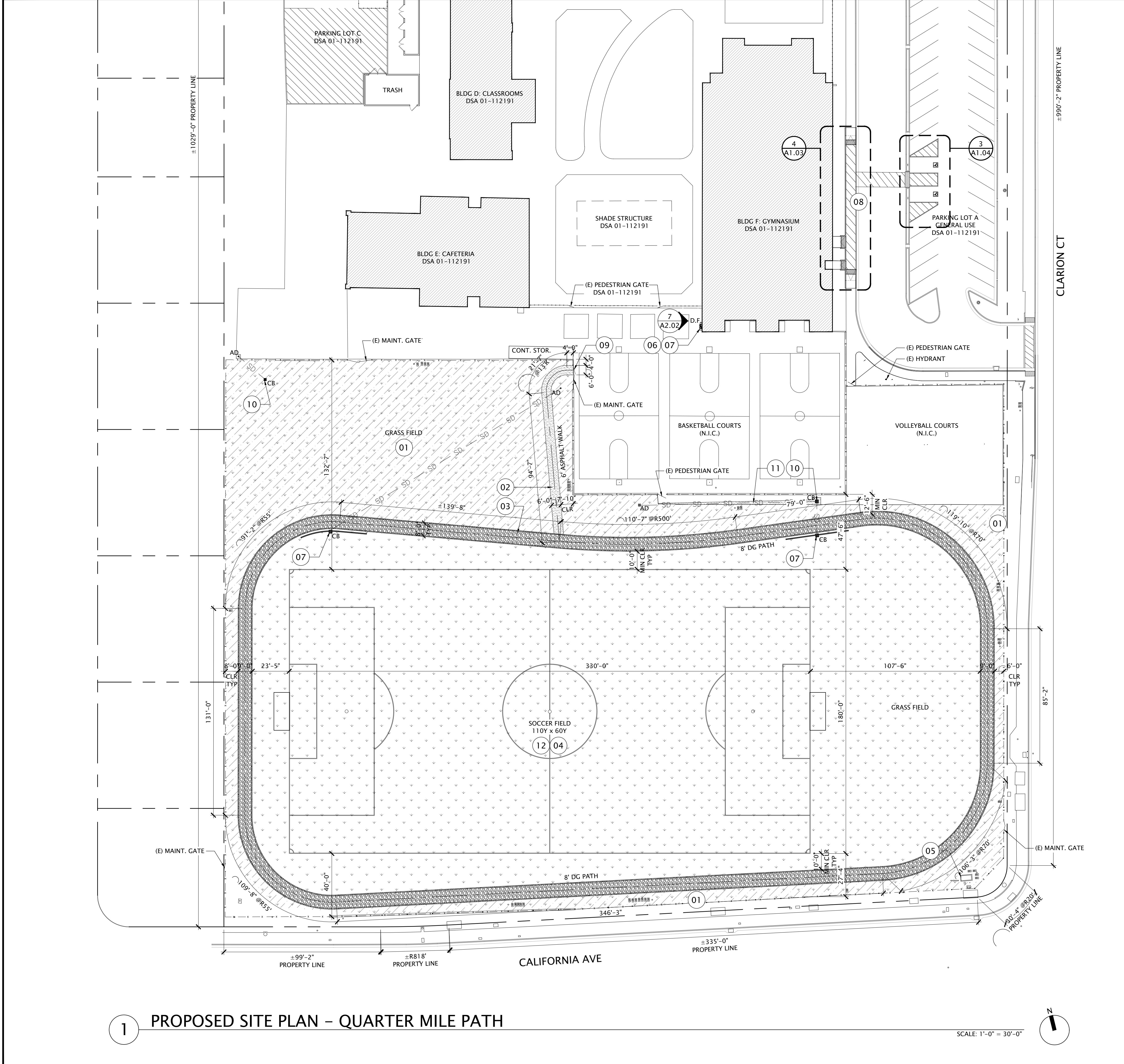
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FIELD DEMOLITION SITE
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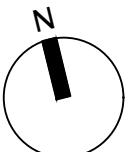
A1.01

Date
July 18, 2025



1 PROPOSED SITE PLAN – QUARTER MILE PATH

SCALE: 1"=0" = 30'-0"



SHEET NOTES

(SEE A1.01 FOR APPLICABLE SHEET NOTES)

KEYNOTES

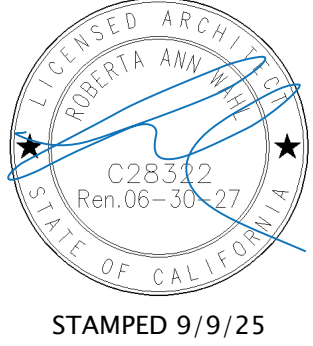
- 01 PROVIDE & INSTALL HYDROSEED MIX AT ALL EXISTING & RE-GRADED FIELD LOCATIONS AT EXTERIOR OF RUNNING PATH PERIMETER, TYP. SEE CIVIL FOR EXTENTS OF RE-GRADED.
- 02 PROVIDE & INSTALL ASPHALT WALKWAY, S.C.D.
- 03 PROVIDE & INSTALL DG RUNNING PATH PER 12/A1.03 & FLUSH CURBS, S.C.D.
- 04 SPORTS PLAY STRIPING & EQUIPMENT TO BE FURNISHED & INSTALLED BY DISTRICT.
- 05 PROTECT EXISTING BACKFLOW PREVENTOR IN PLACE
- 06 PROVIDE & INSTALL ACCESSIBLE HI-LO DRINKING FOUNTAIN & BOTTLE FILLER PER 6/A1.03
- 07 PROVIDE & INSTALL 6IN LINEAR TRENCH DRAIN & STORM DRAIN WITH PEDESTRIAN- & TRAFFIC-RATED COVERS AT PLAY FIELD INTERIOR OF FLUSH CURB, S.C.D. FOR ADDITIONAL.
- 08 PROVIDE & INSTALL NEW PASSENGER DROP-OFF & LOADING AISLE, CURBS, STRIPING AND DETECTABLE WARNING STRIPS. FOR EXTENTS OF PAVING, S.C.D.
- 09 EXISTING MAINTENANCE GATE KEPT ON HOLD-OPEN DURING SCHOOL HOURS. PROVIDE & INSTALL SIGNAGE PER 11/A1.03.
- 10 PROVIDE & INSTALL STORM DRAIN WITH PEDESTRIAN- & TRAFFIC-RATED COVER, S.C.D. FOR ADDNL
- 11 PATCH & REPAIR EXISTING ASPHALT WALK WHERE DISTURBED FOR INSTALLATION OF REVISED STORM DRAINAGE.
- 12 PROVIDE & INSTALL SOD AT ALL EXISTING & RE-GRADED FIELD LOCATIONS AT INTERIOR OF RUNNING PATH PERIMETER TYP. SEE CIVIL FOR EXTENTS OF RE-GRADED.
- 13 PROVIDE & INSTALL NEW ACCESSIBLE PARKING & ACCESS AISLE STRIPING AT GENERAL PARKING LOT A PER 3/A1.04

LEGEND

- EXISTING BUILDING
- ASPHALT PAVING, S.C.D.
- DECOMPOSED GRANITE RUNNING PATH, S.C.D.
- GRASS FIELD AREA AT TRACK INTERIOR TO RECEIVE SOD
- GRASS FIELD AREAS TO RECEIVE HYDROSEED MIX
- FLUSH 6IN CONCRETE CURB, S.C.D.
- 05 KEY NOTE, SEE ABOVE

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SS ☐ FLS ☐ ACS ☒
DATE: 09/10/2025

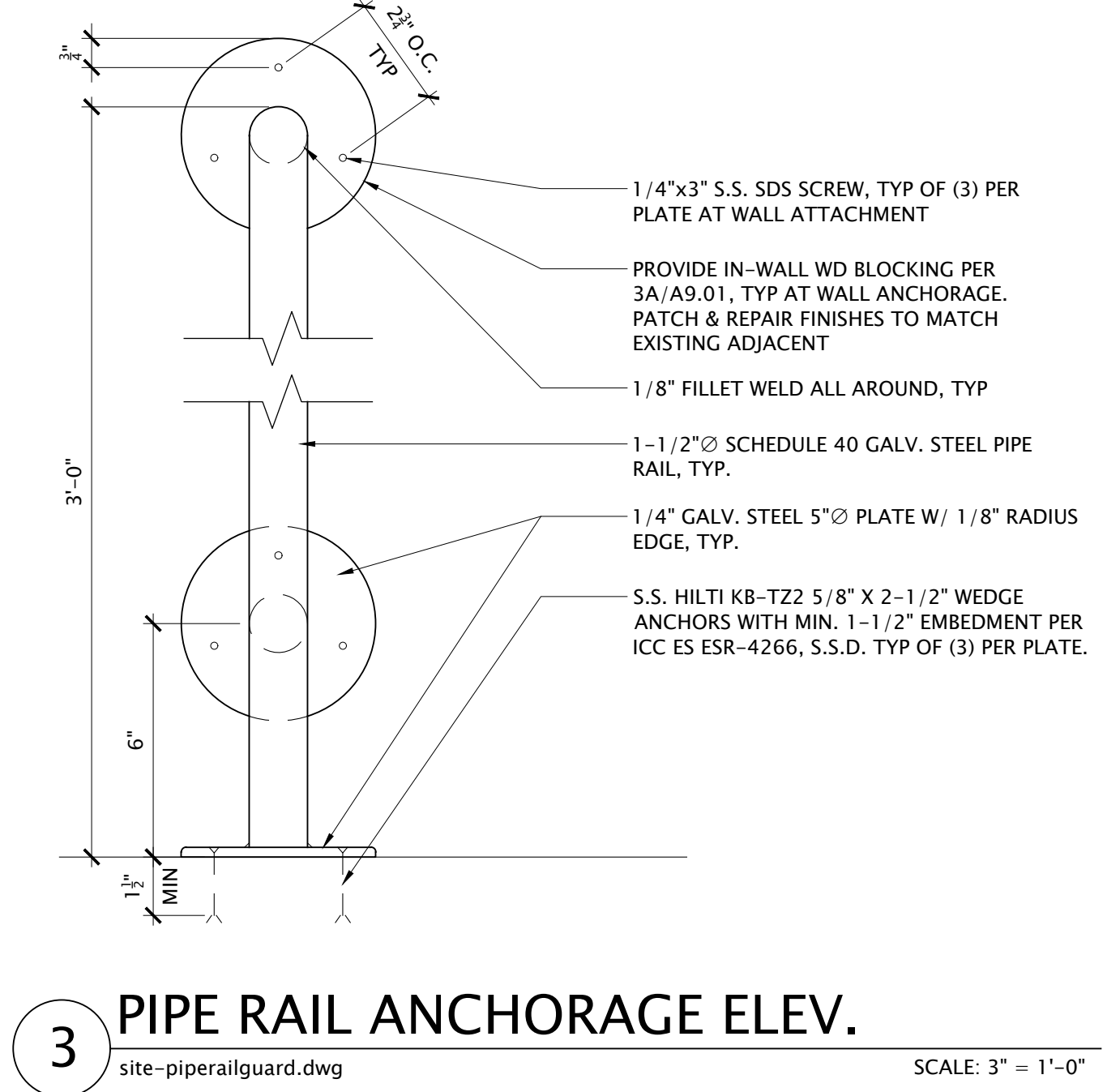
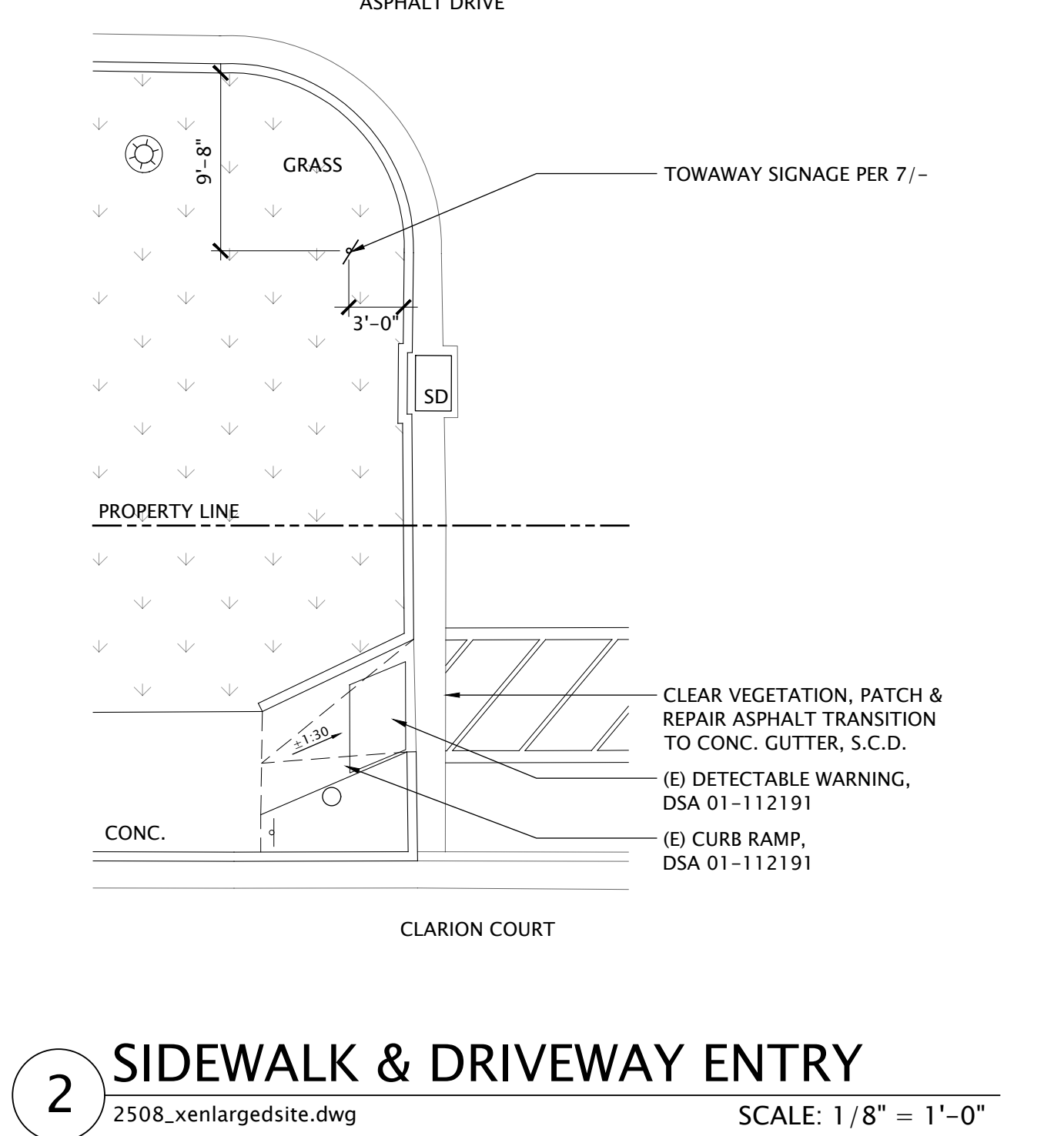
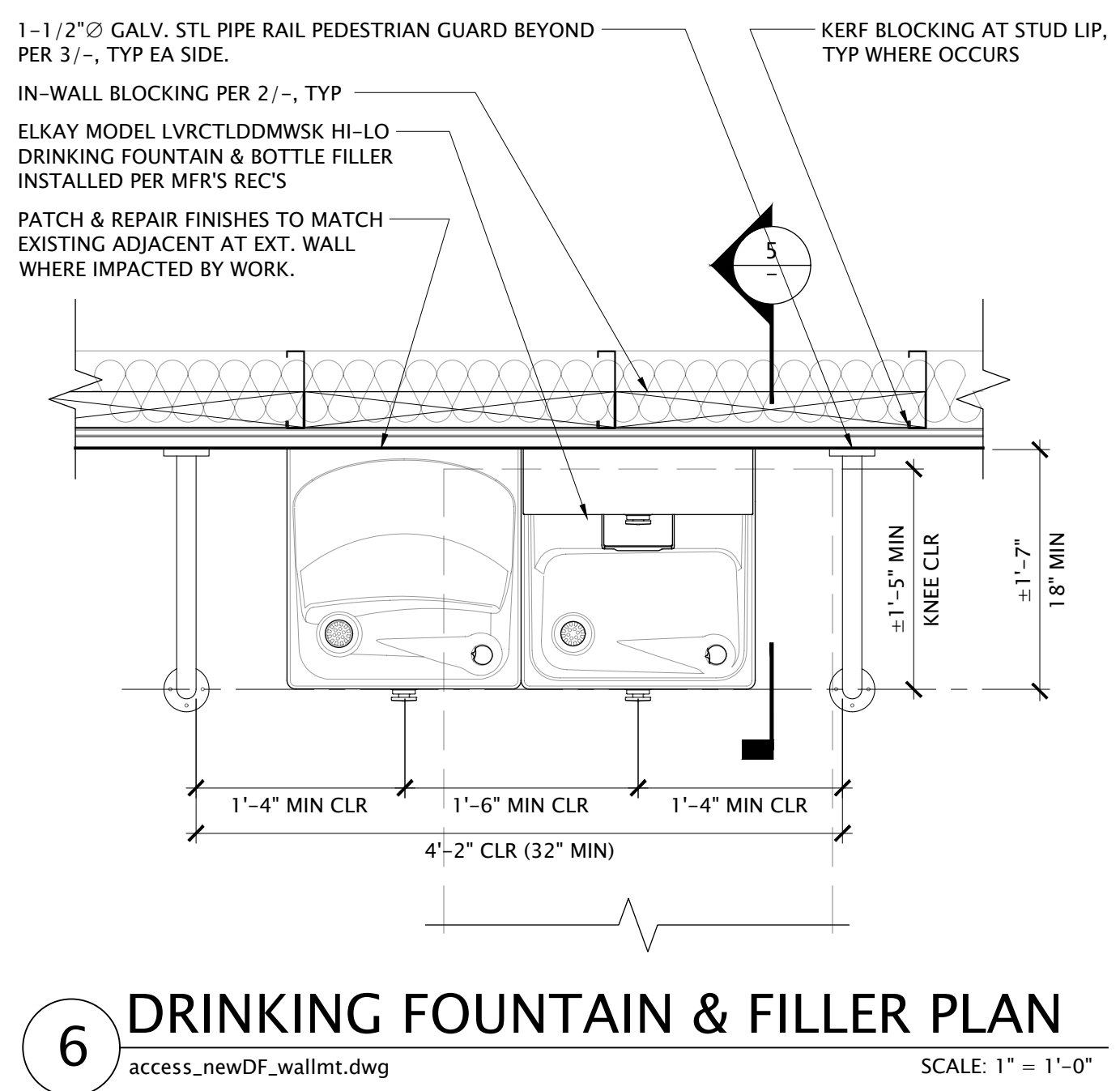
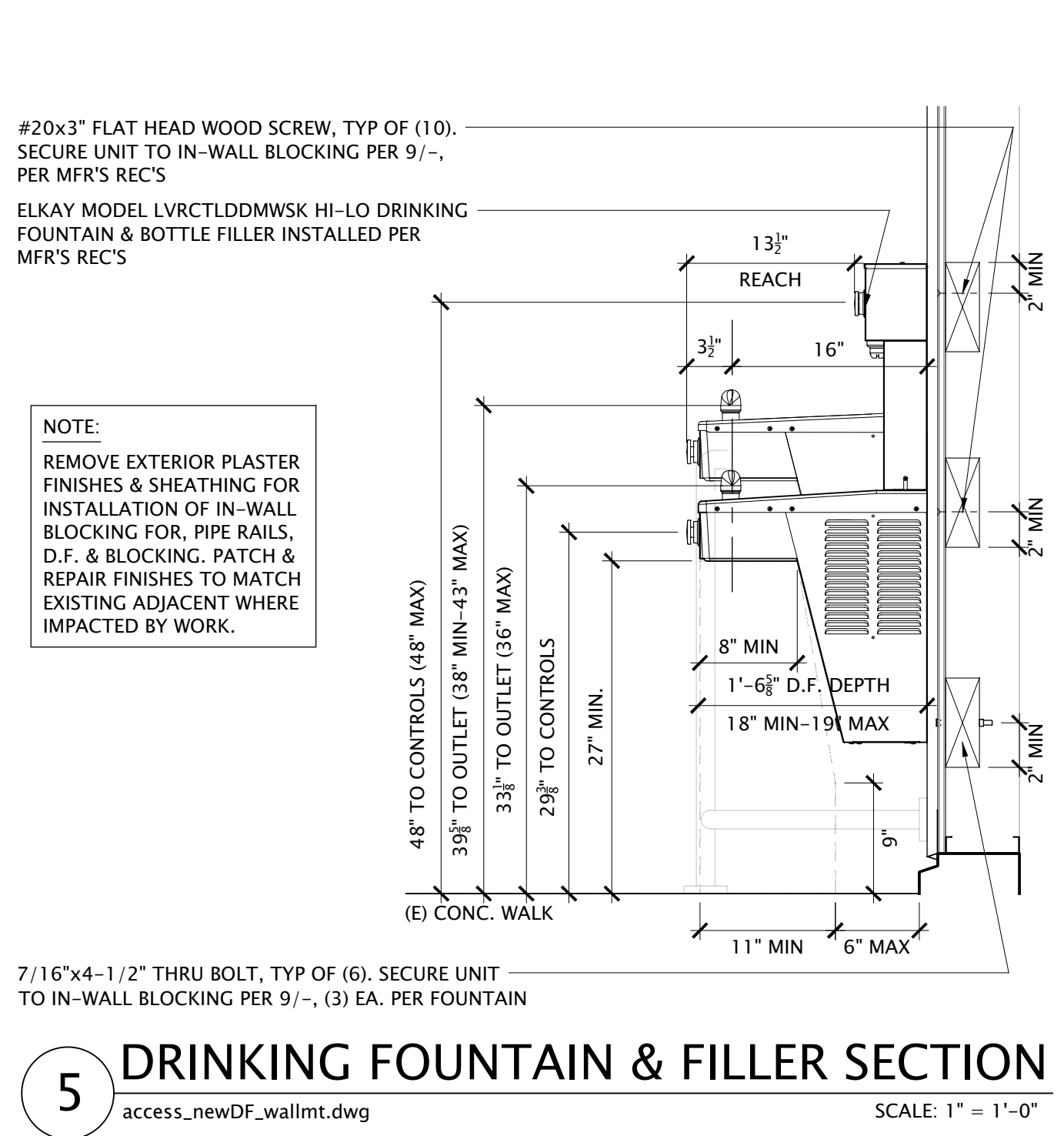
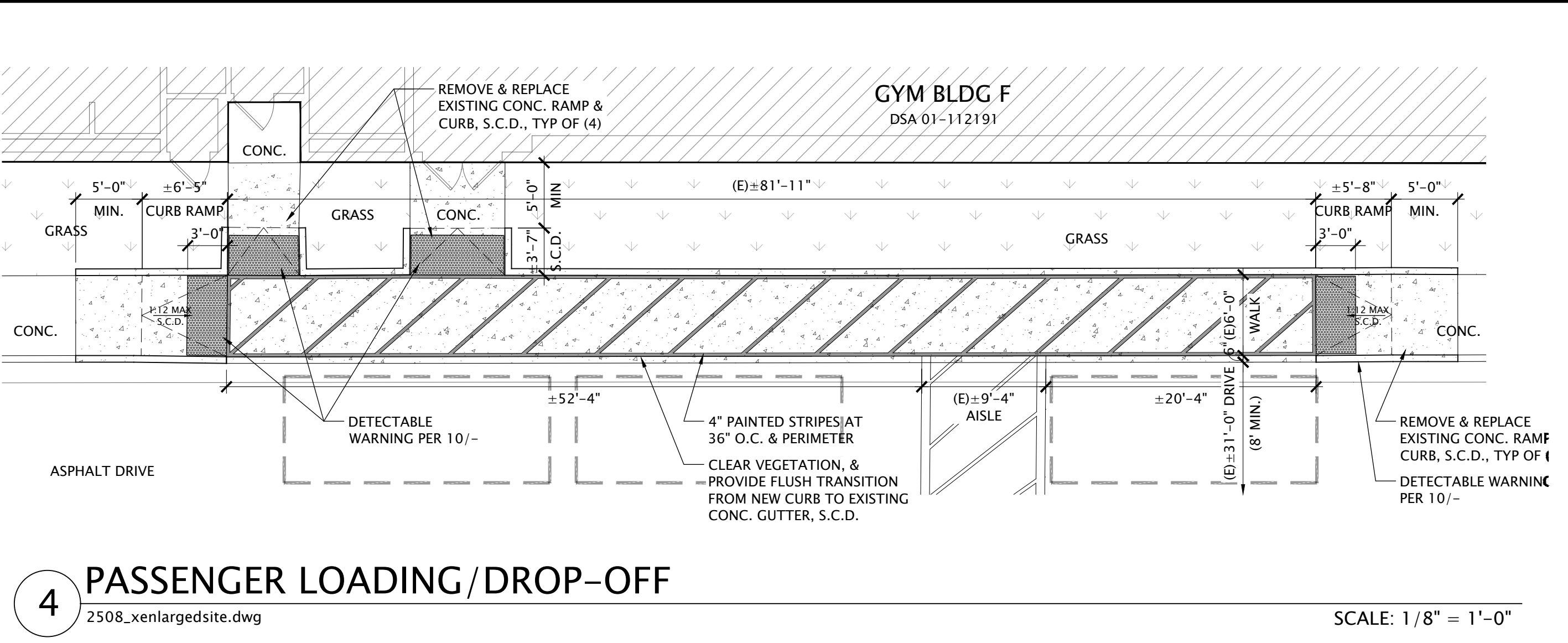
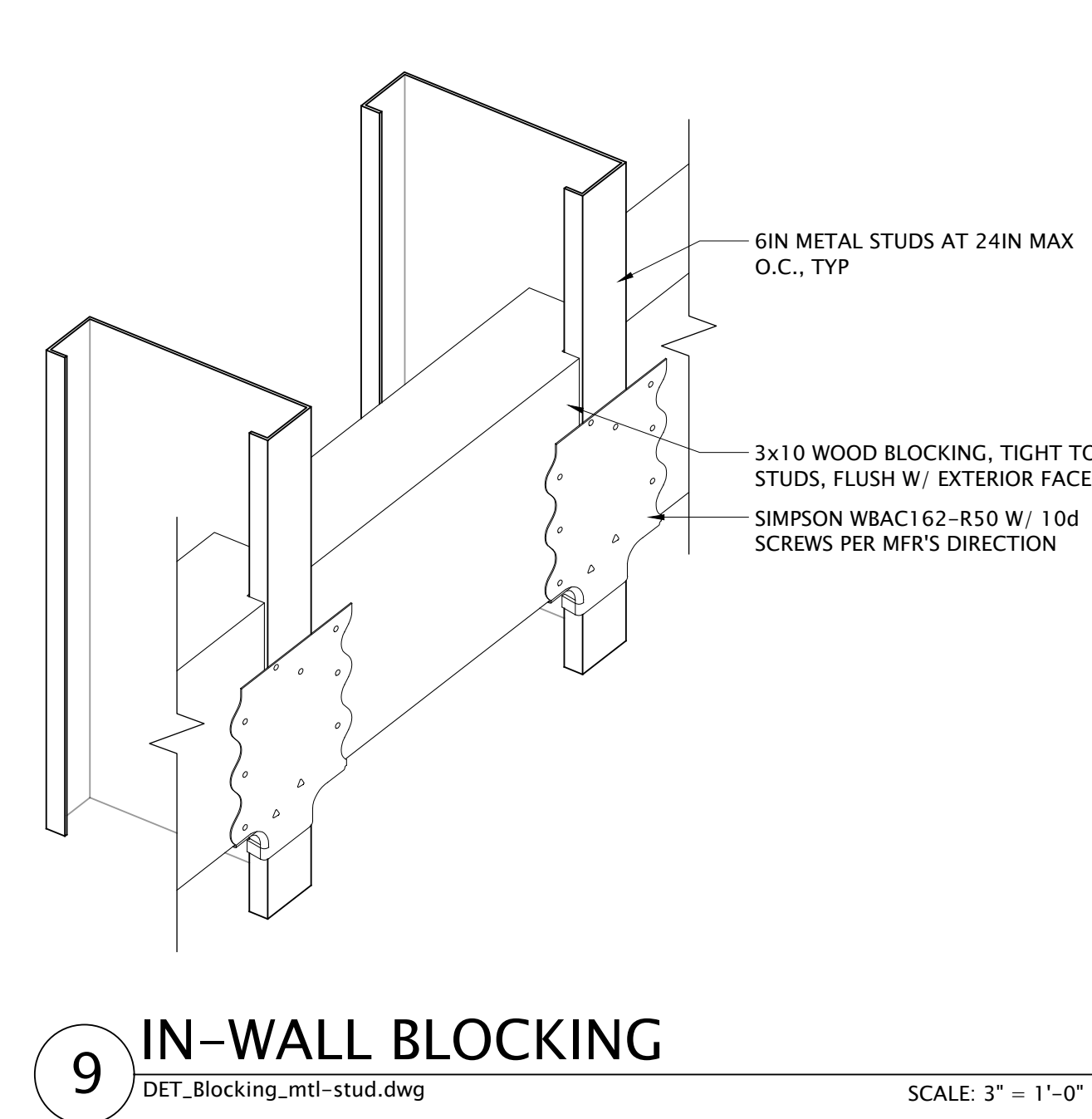
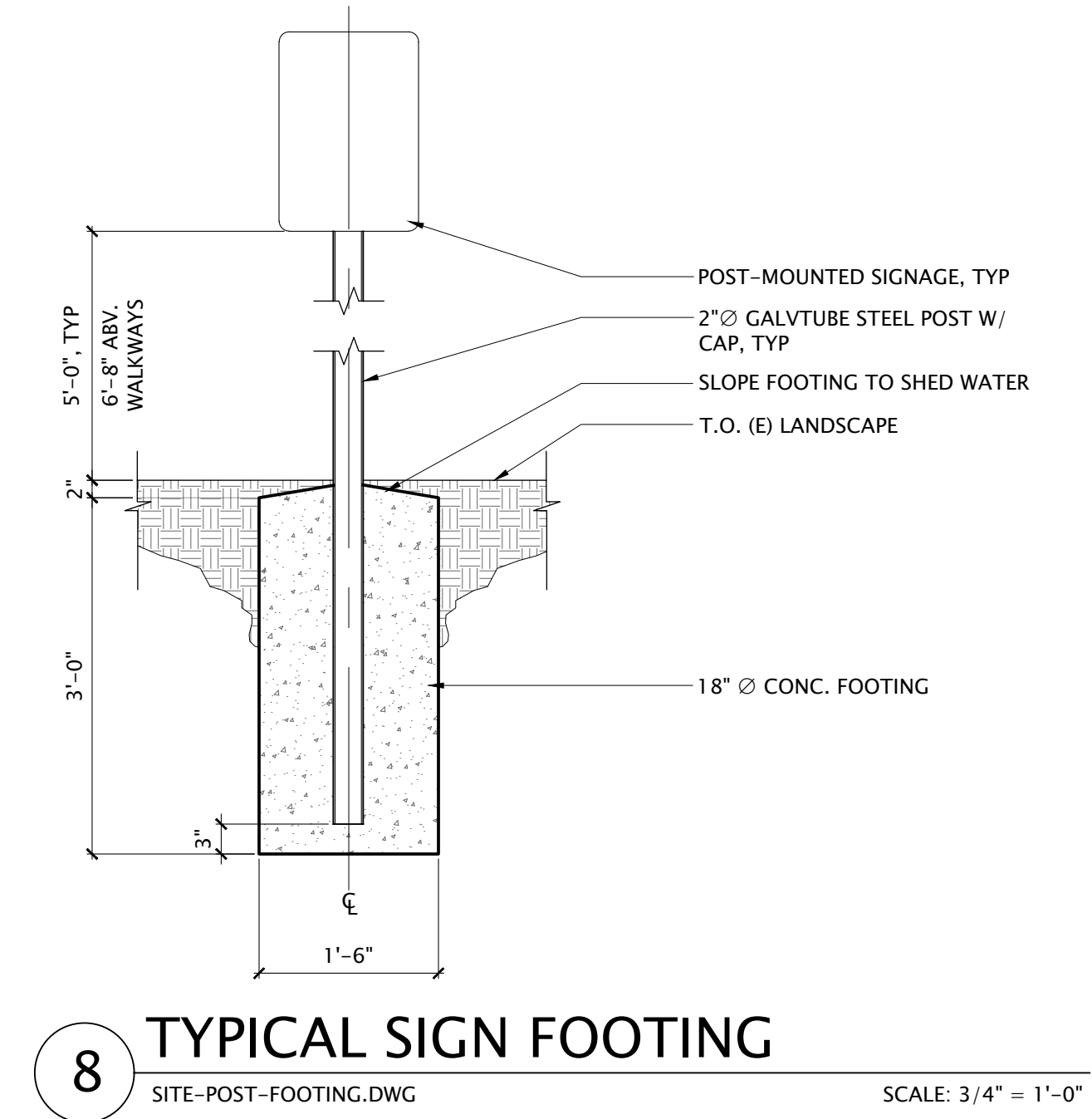
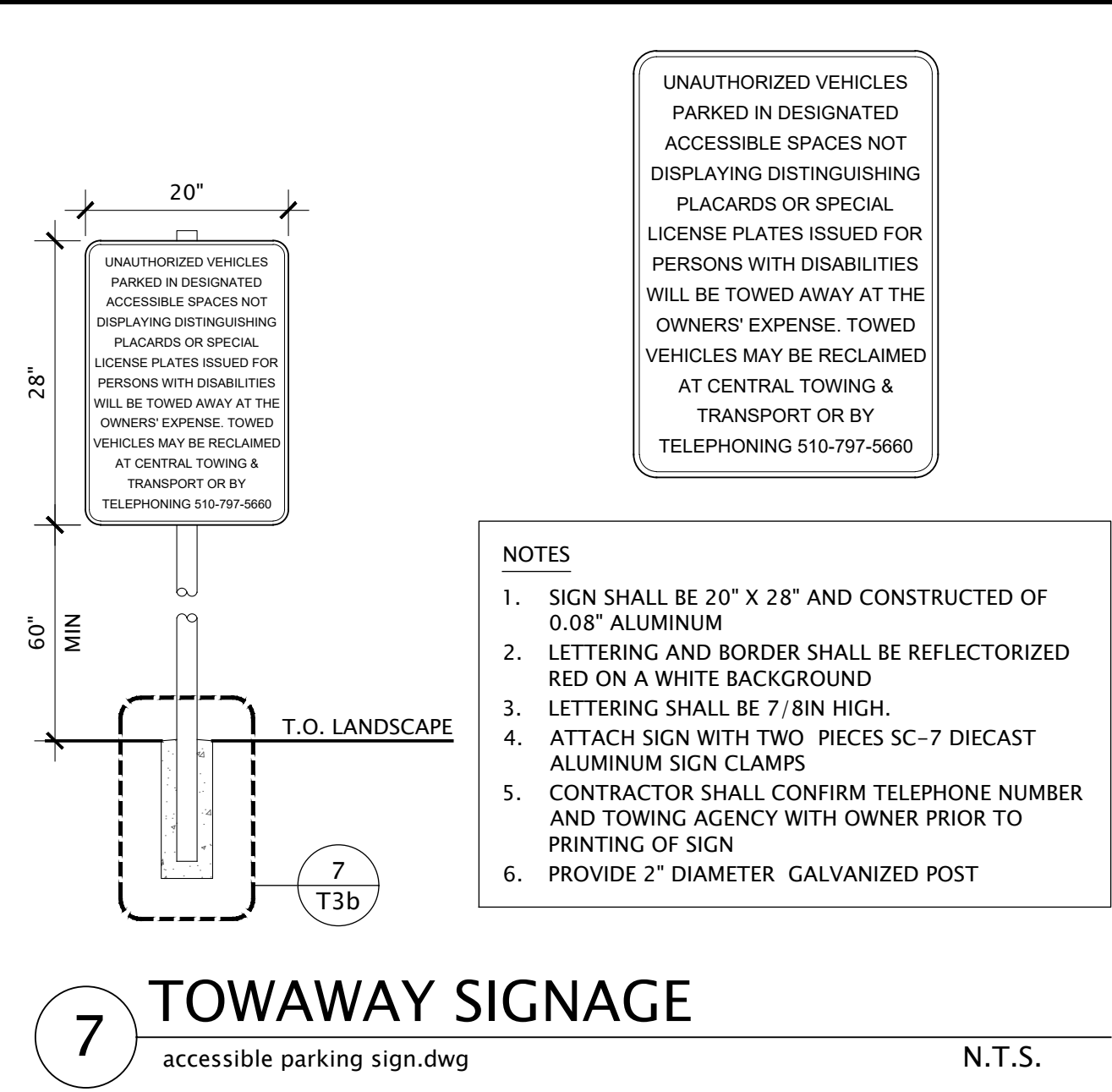
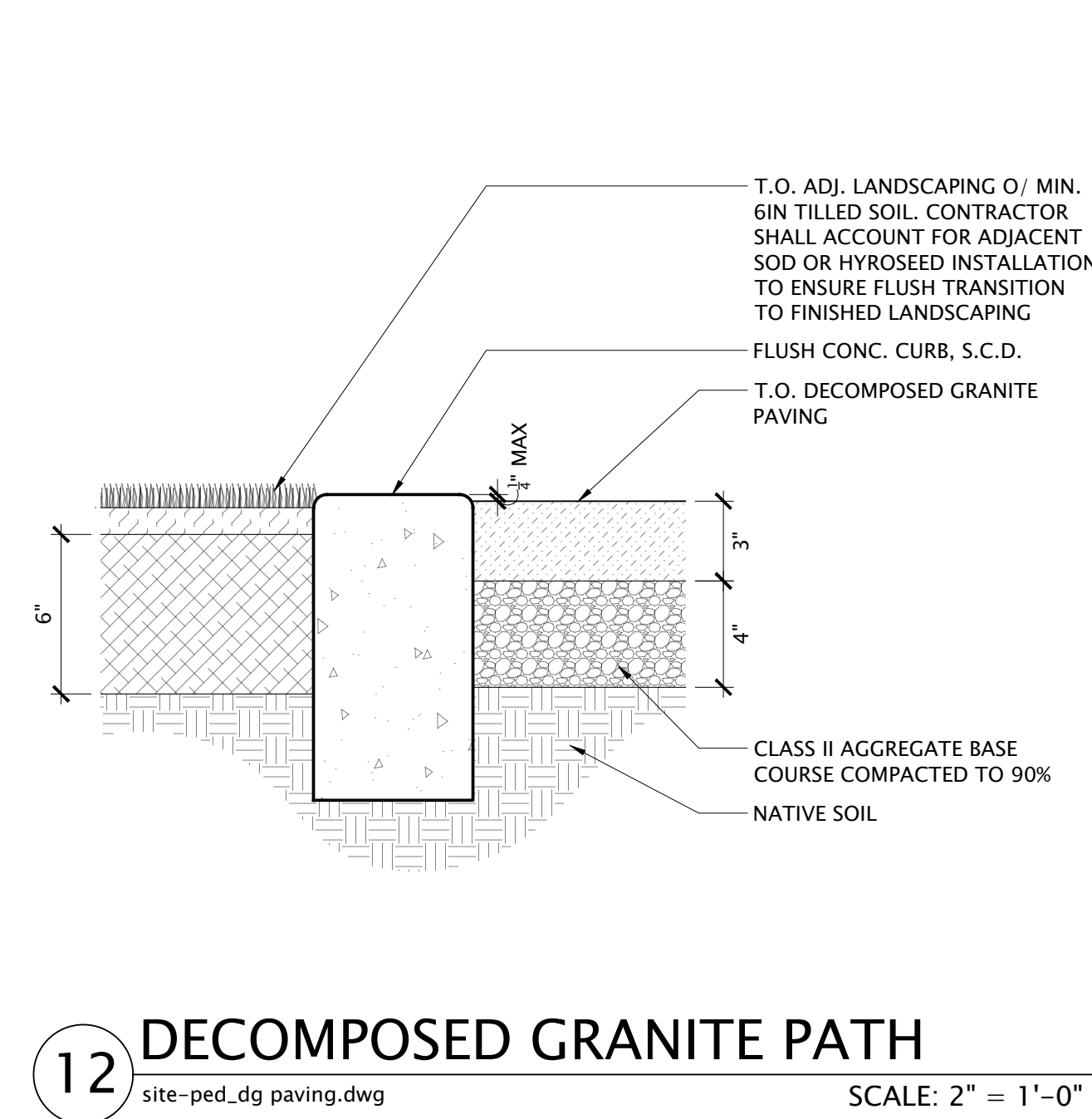
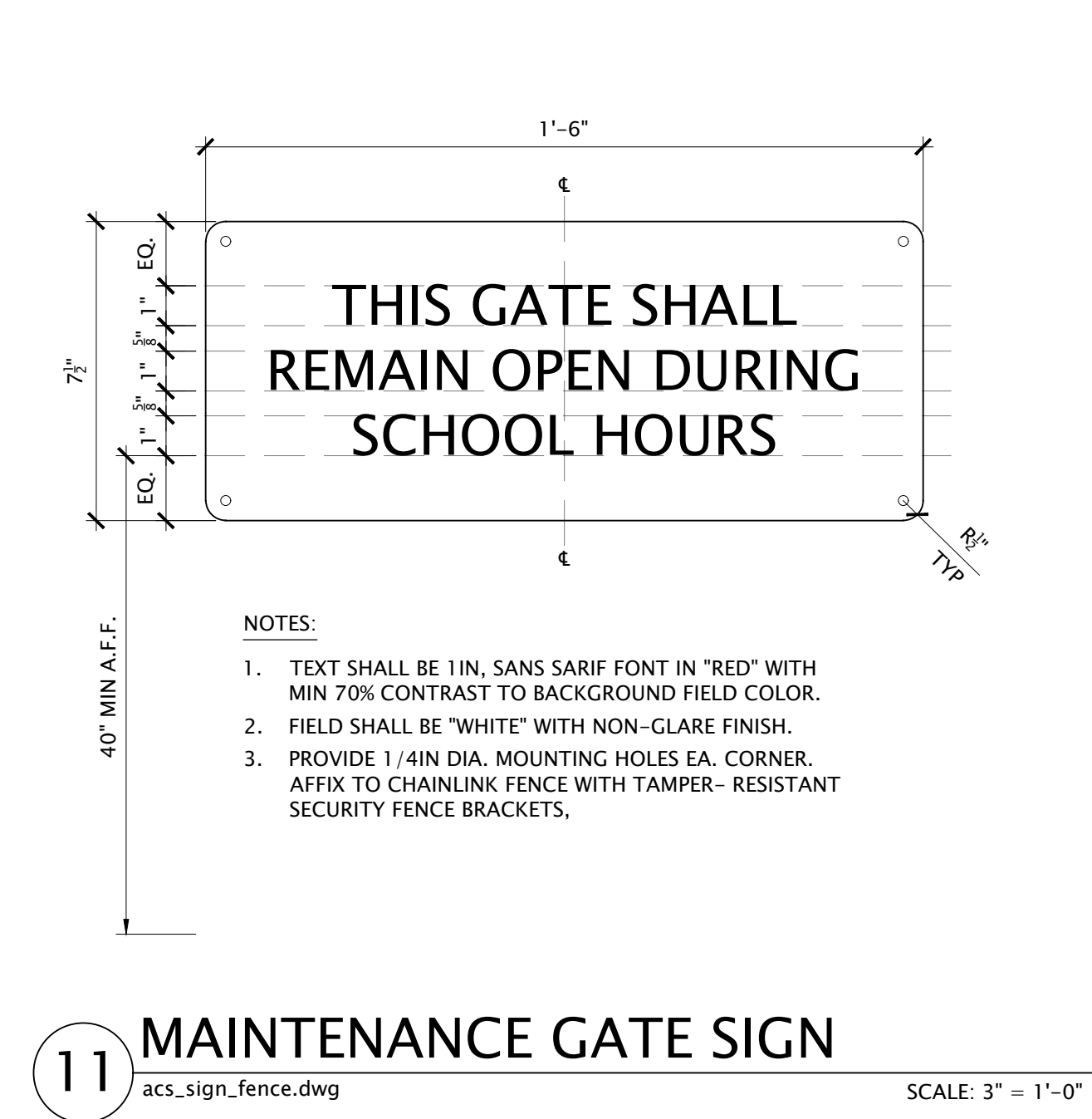
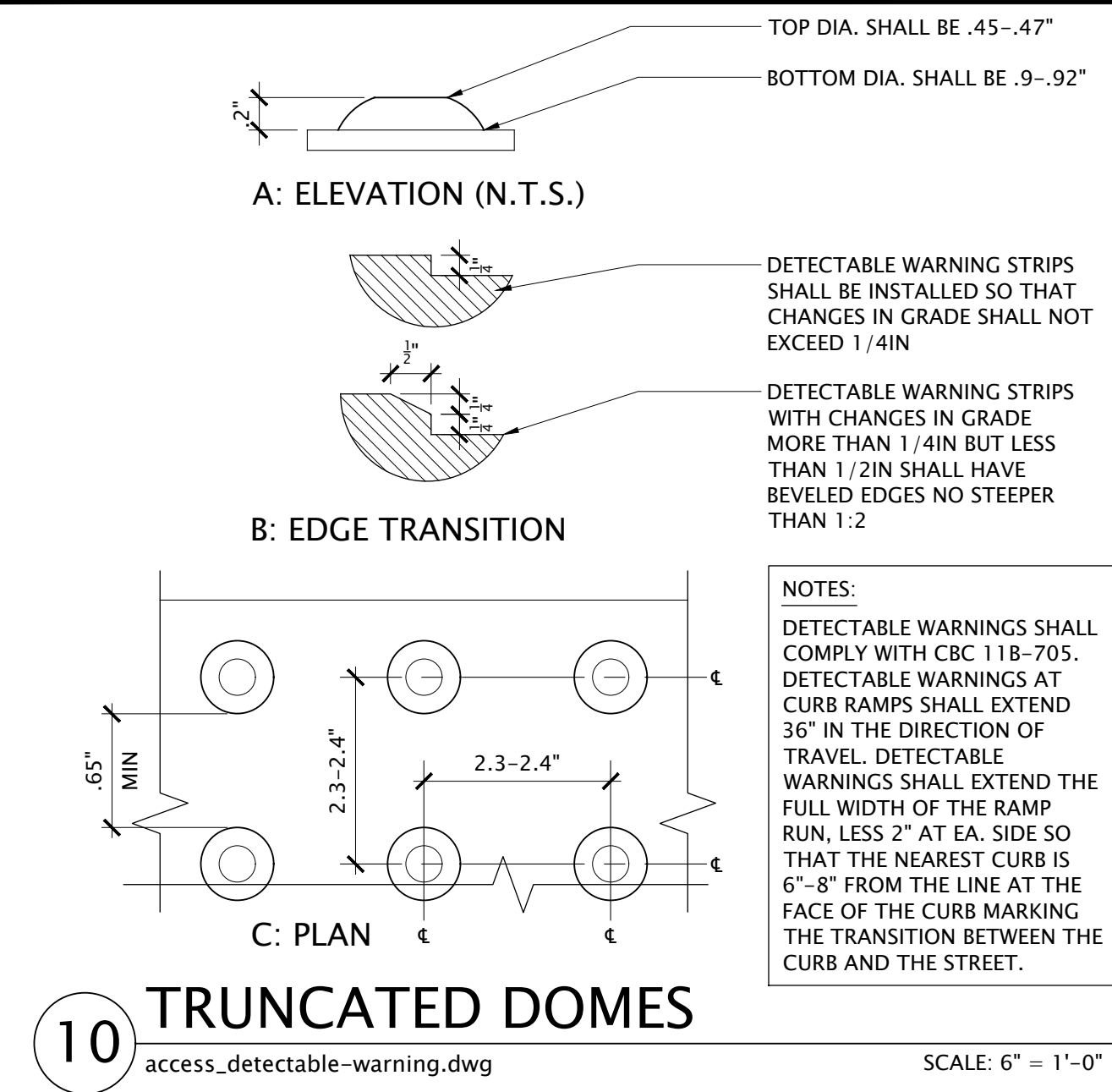
PLUM architects
870 Market St, Ste 878, San Francisco, CA 94102
TEL: 415-837-0900



	Revisions
SCHEMATIC DESIGN	04/15/25
50% CD	05/27/25
DSA 01-122476 INTAKE	07/22/25
BACKCHECK SUBMITTAL	09/03/25

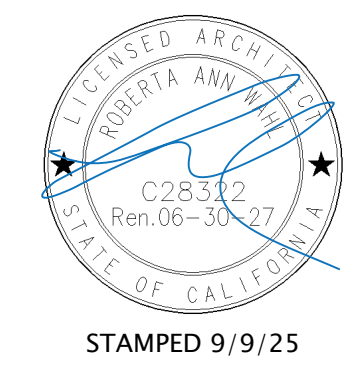
Project 2508
Martin Luther King Jr
Junior High School
Running Track
2012 Carion Court
Pittsburg, CA 94565
Pittsburg Unified School District
Sheet
PROPOSED FIELD SITE
PLAN

A1.02
Date
July 18, 2025



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122476 INC:
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DATE: 09/10/2025

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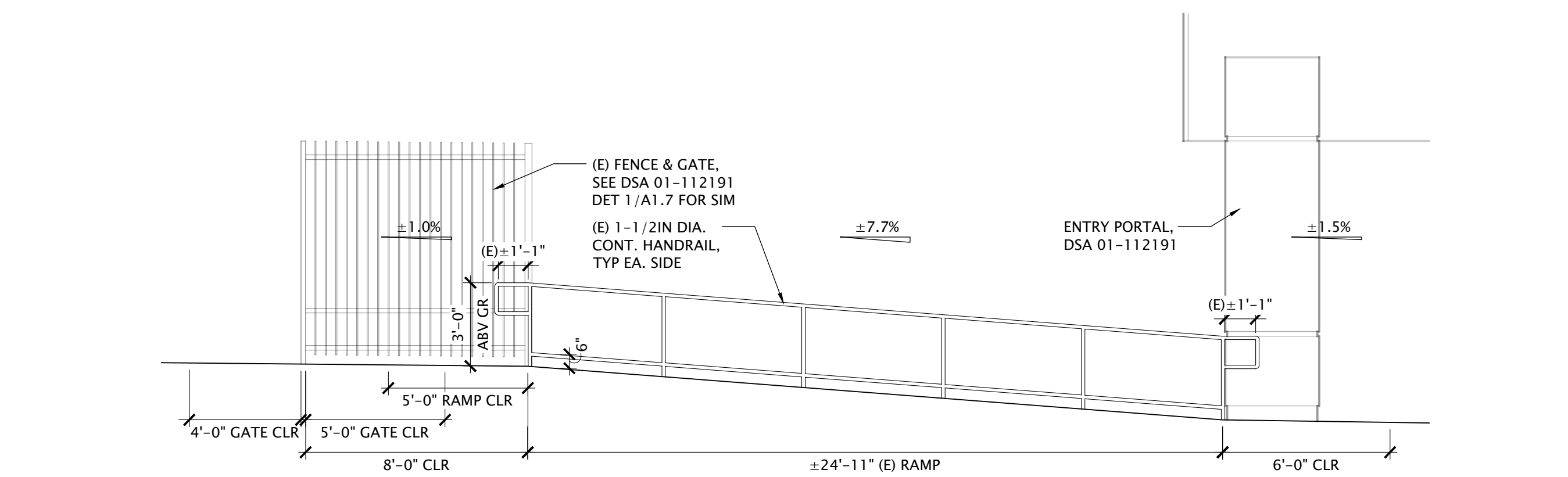


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Project 2508
Martin Luther King Jr
Junior High School
Running Track

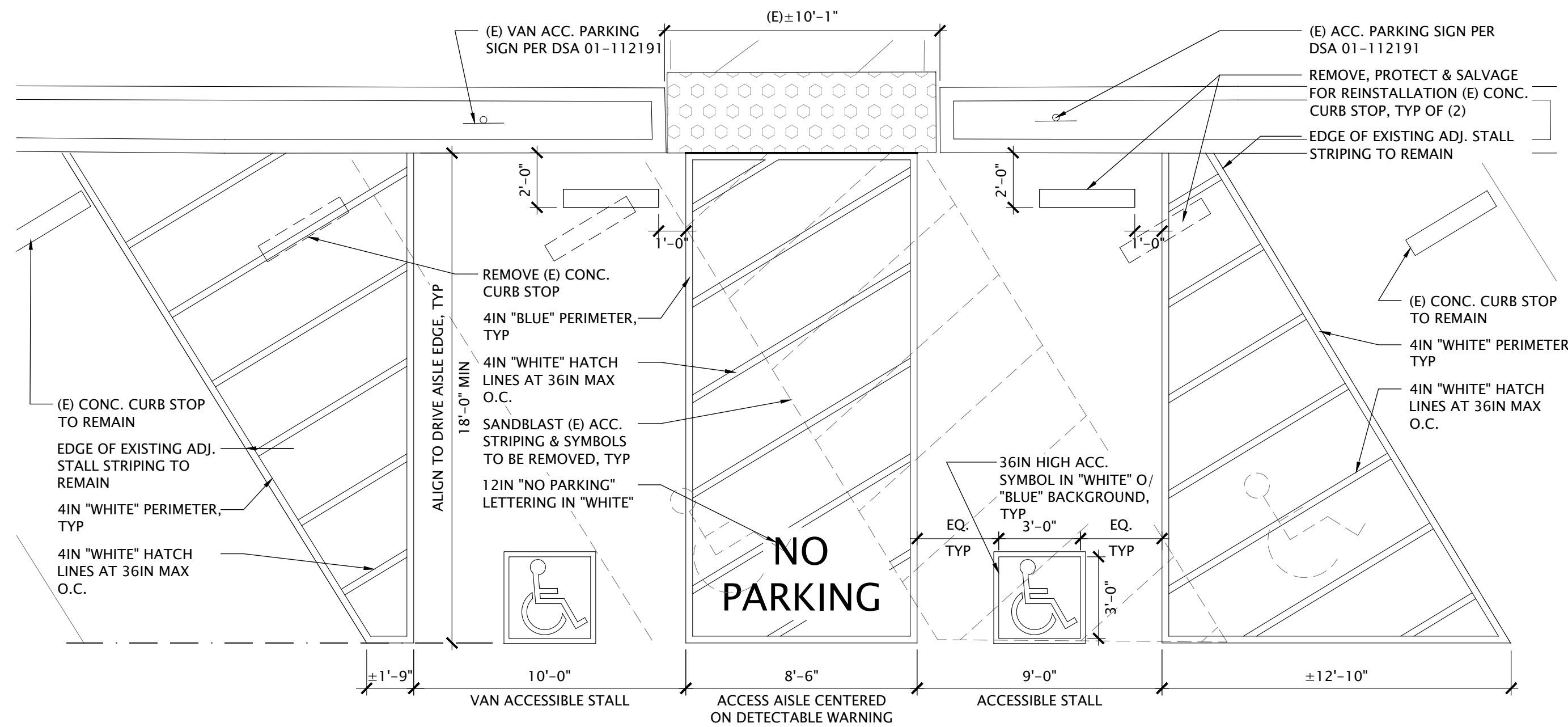
2012 Carion Court
Pittsburg, CA 94565
Pittsburg Unified School District
Sheet
ENLARGED SITE PLANS &
DETAILS

A1.03
Date
July 18, 2025



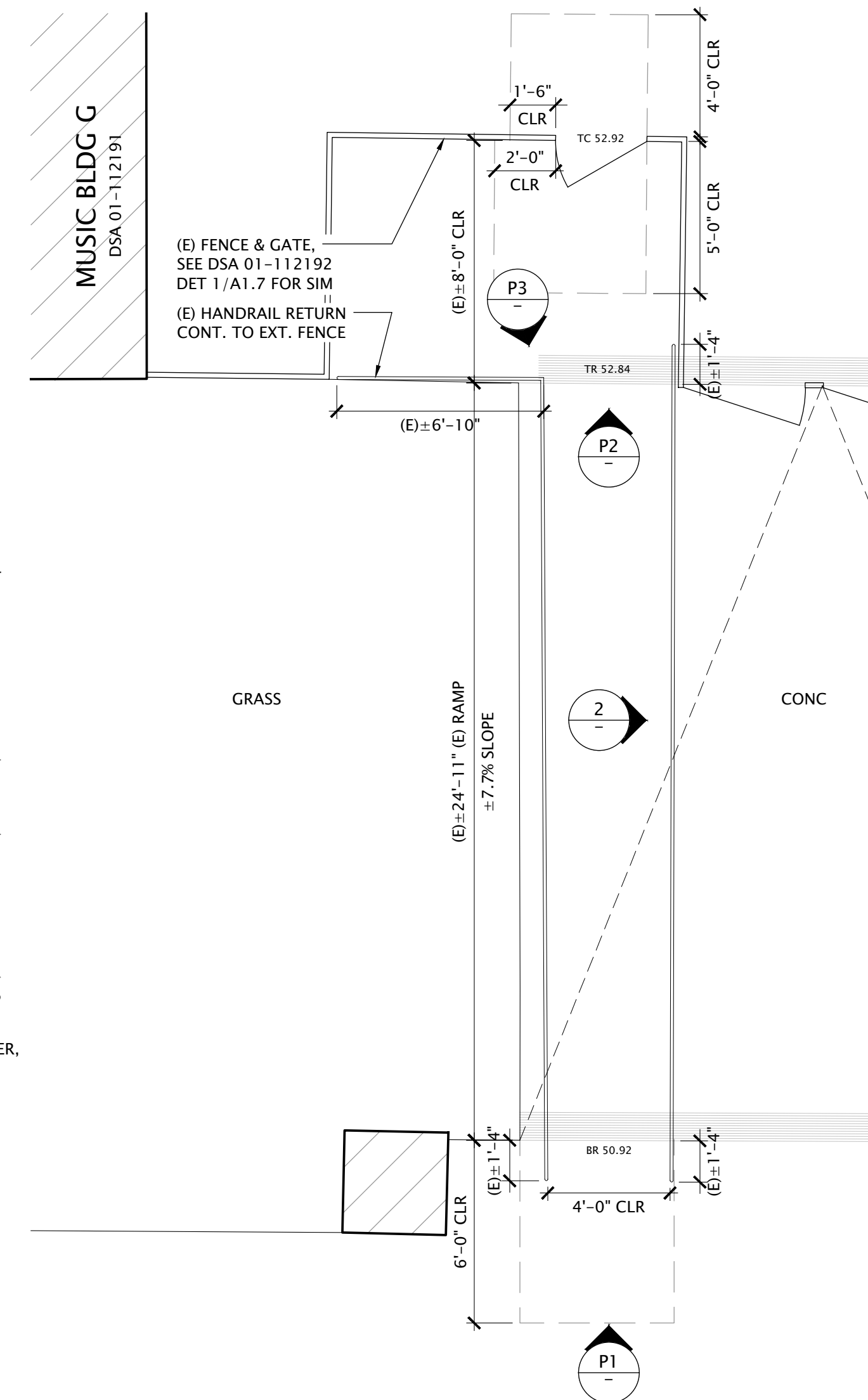
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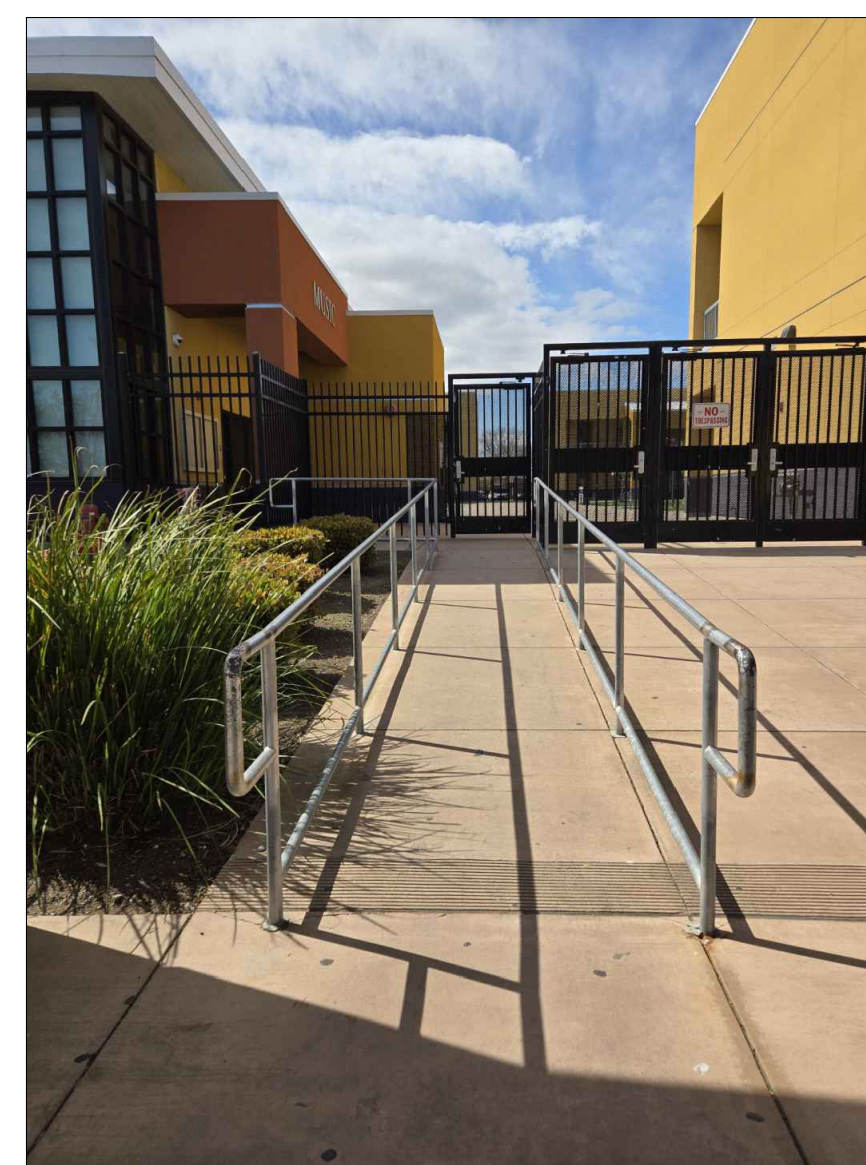
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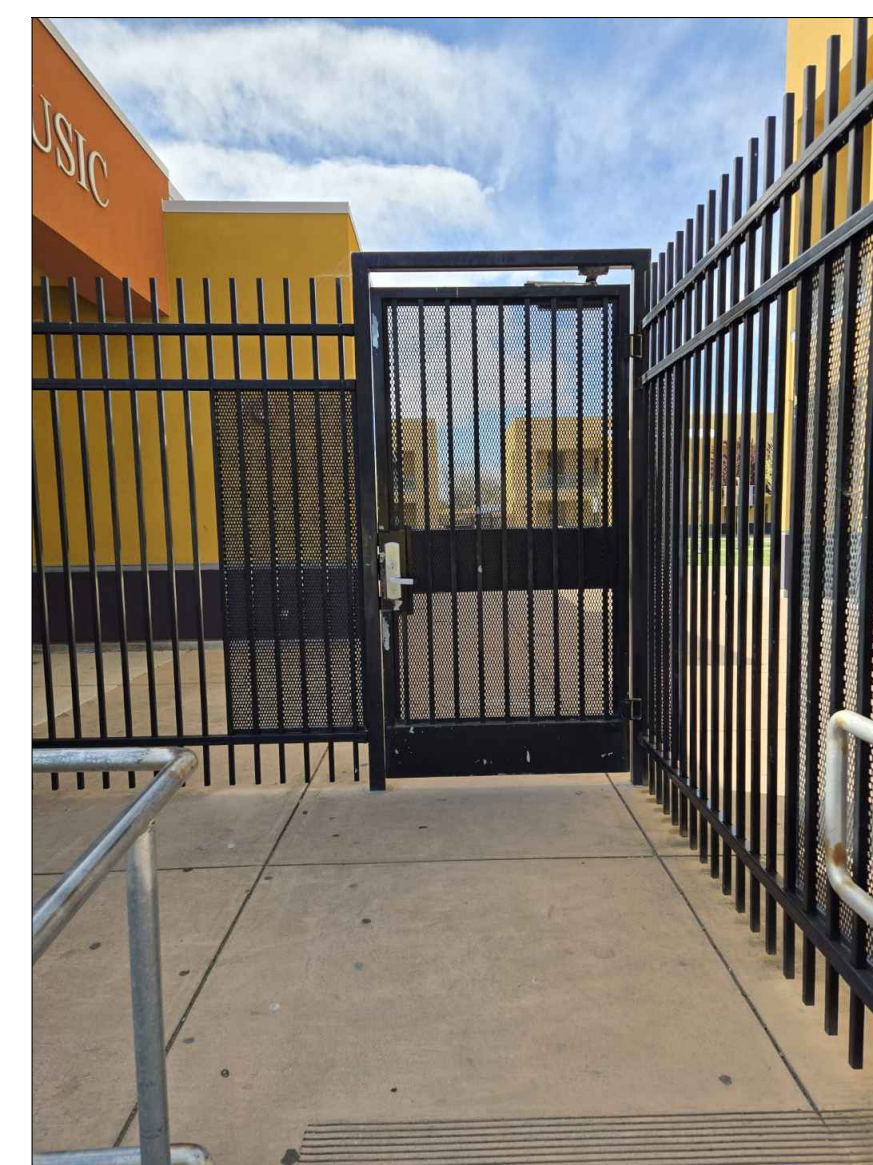


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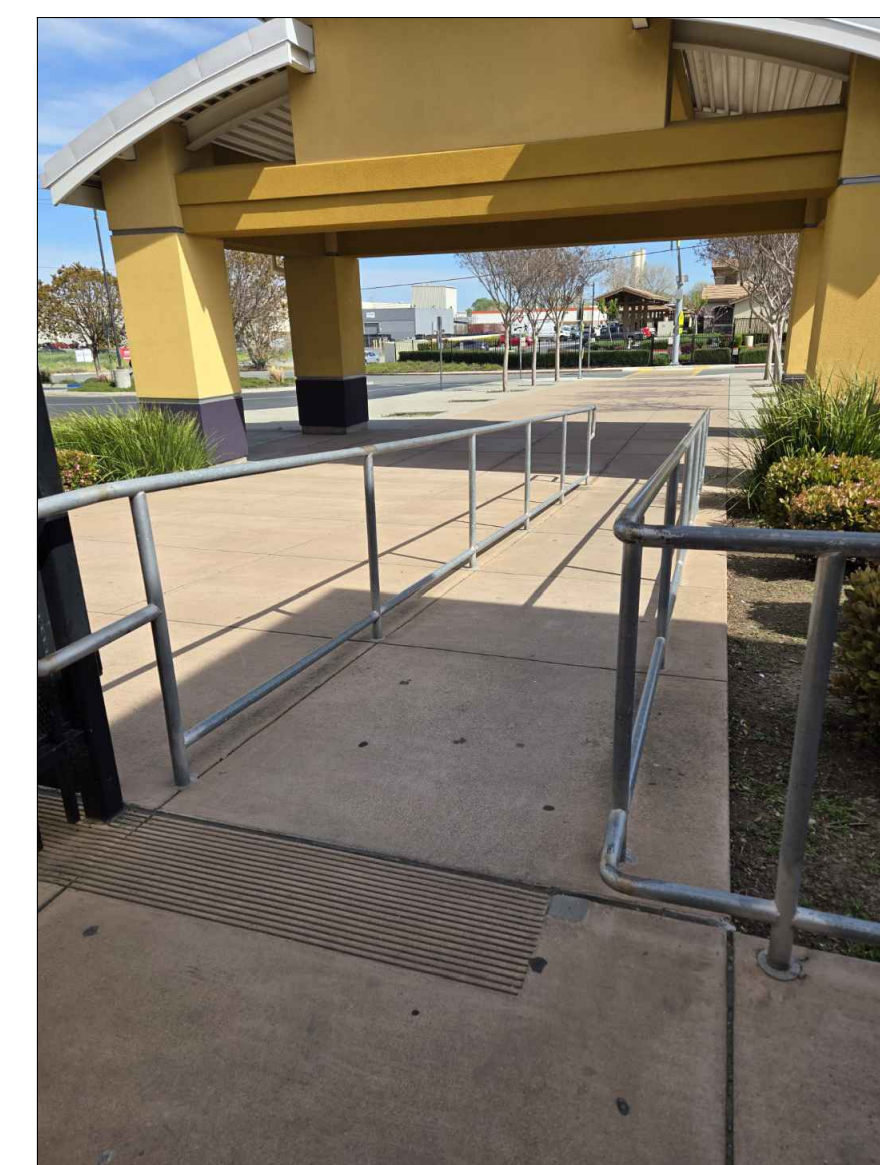
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P1 EXISTING RAMP

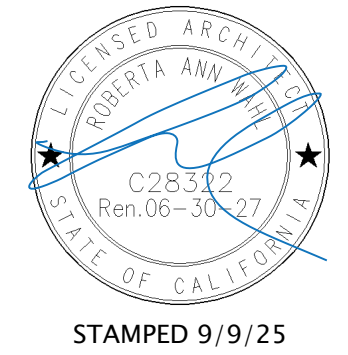


P2 EXISTING GATE



P3 EXISTING RAMP

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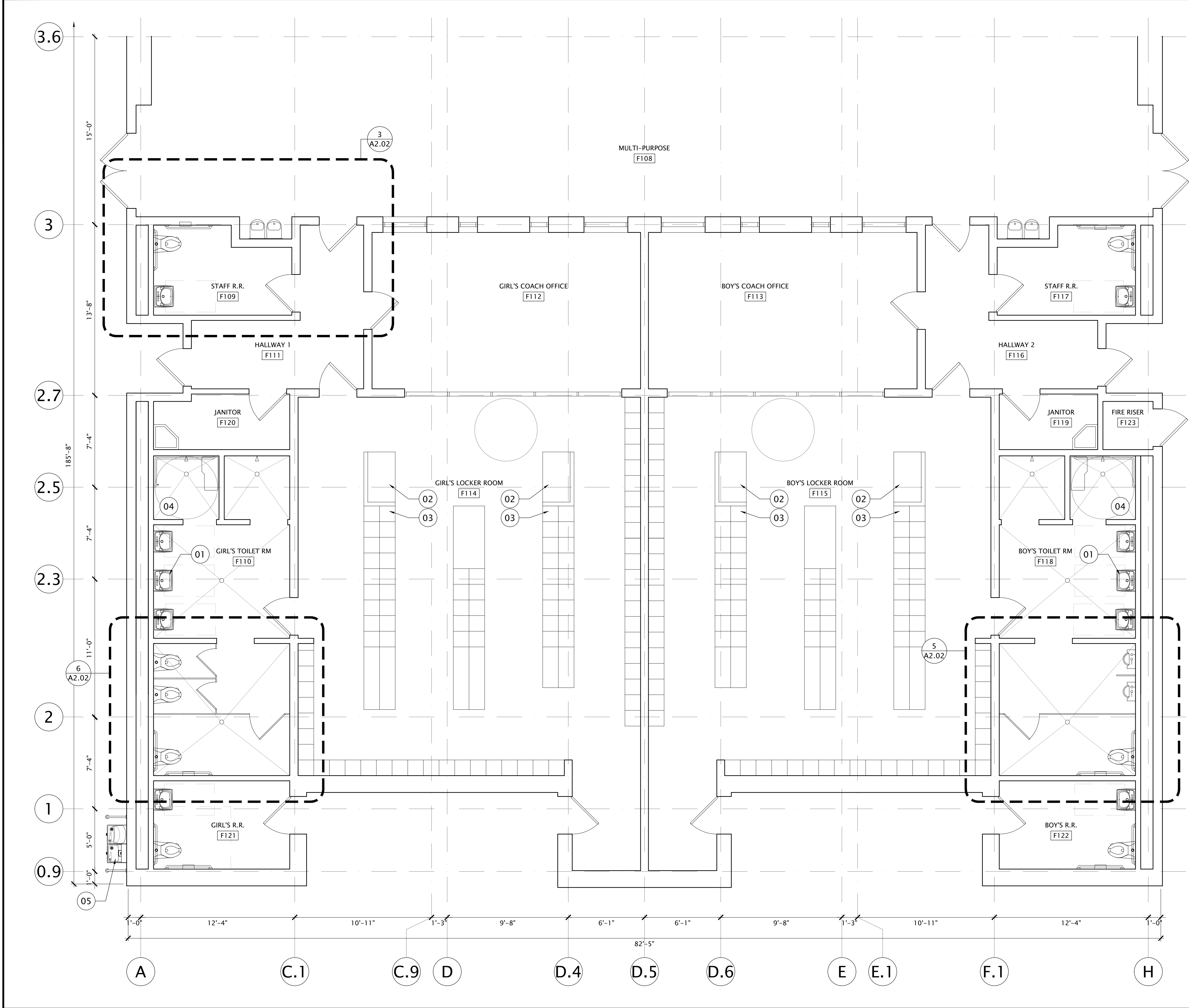
	Revisions
SCHEMATIC DESIGN	04/15/25
50% CD	05/27/25
DSA 01-122476 INTAKE	07/22/25
BACKCHECK SUBMITTAL	09/03/25

Project 2508
Martin Luther King Jr
Junior High School
Running Track

2012 Carion Court
Pittsburg, CA 94565
Pittsburg Unified School District
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ENLARGED SITE PLANS &
DETAILS

A1.04

Date
July 18, 2025



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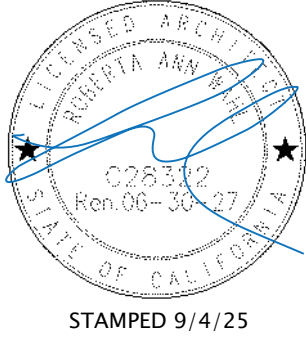
SHEET NOTES

KEYNOTES

- 01 EXISTING ACCESSIBLE HANDSINK PER DSA 01-112191
- 02 EXISTING ACCESSIBLE CHANGING BENCH PER DSA 01-112191
- 03 EXISTING ACCESSIBLE LOCKER PER DSA 01-112191
- 04 EXISTING ACCESSIBLE SHOWER COMPARTMENT PER DSA 01-112191
- 05 REMOVE & REPLACE EXISTING EXTERIOR WALL-MOUNTED DRINKING FOUNTAIN WITH ACCESSIBLE HI-LOW FOUNTAIN & BOTTLE FILLER (ELKAY MODEL LVRCTLDDMWSK) PER 6/A1.03. VERIFY HAZMAT STATUS PRIOR TO START OF WORK. PROVIDE IN-WALL BLOCKING & PATCH & REPAIR EXISTING STUCCO FINISHES WHERE DISTURBED BY WORK.

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TEL: 415-837-0900



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Project 2508
Martin Luther King Jr
Junior High School
Running Track

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Pittsburg, CA 94565
Pittsburg Unified School District

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BUILDING F:
PARTIAL GYM
FLOOR PLAN

A2.01

Date
September 3, 2025

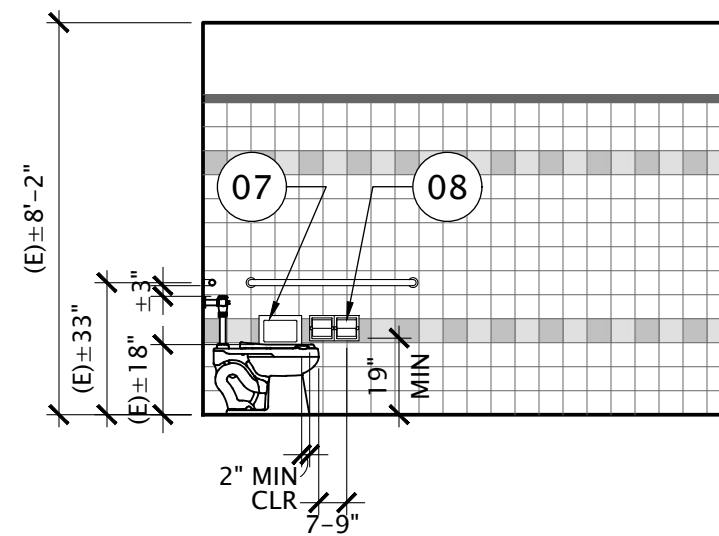
LEGEND

05 KEY NOTE, SEE ABOVE

1 BUILDING F: PARTIAL GYM FLOOR PLAN

SCALE: 1/4" = 1'-0"

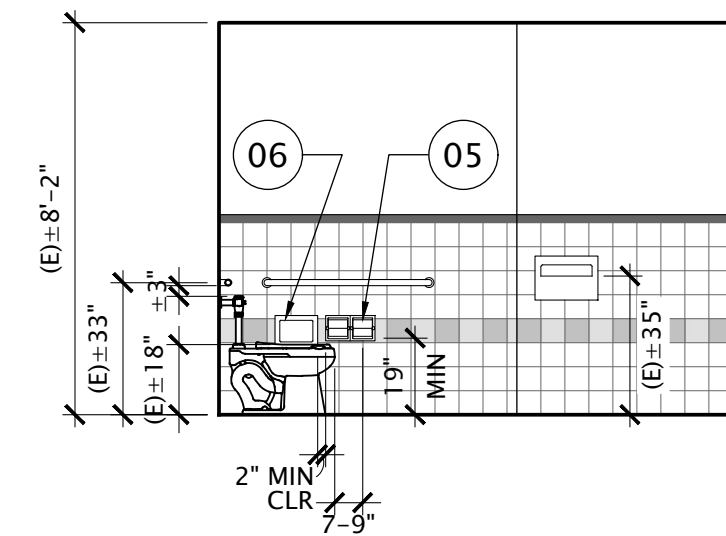




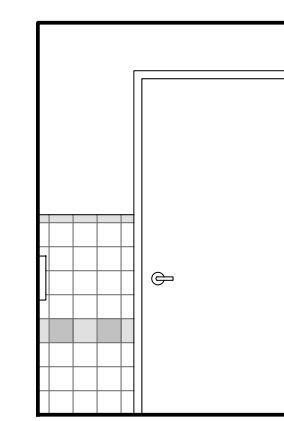
A – SOUTH WALL

RM F110: GIRL'S R.R. INTERIOR ELEVATION

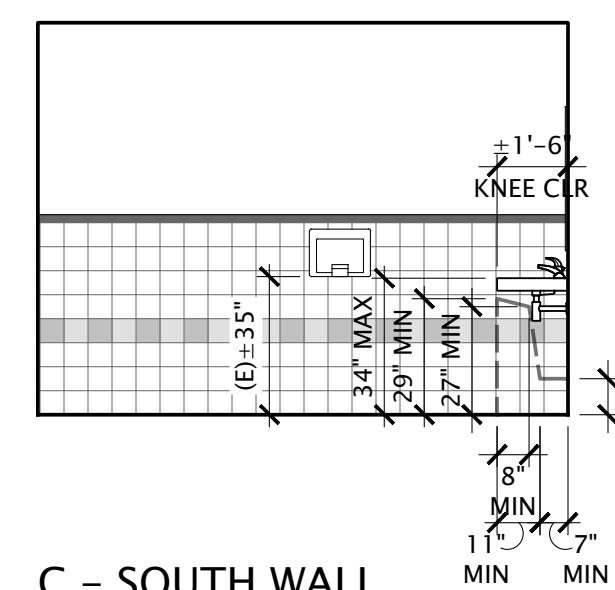
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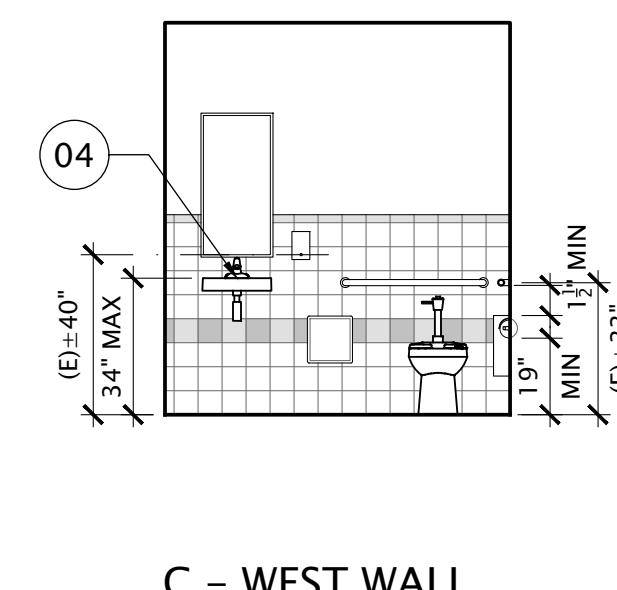
A – NORTH WALL



B - EAST WALL



C - SOUTH WALL



C - WEST WALL

SHEET NOTES

- A. ANY ITEM SHOWN GRAPHICALLY BUT NOT SPECIFICALLY NOTED SHALL BE CONSIDERED PART OF THE SCOPE OF WORK AS IF NOTED
- B. ACCESSIBLE MOUNTING HEIGHTS AND CLEARANCES AT RESTROOM FIXTURES AND ACCESSORIES PER 8/-.
- C. PATCH ALL FINISHES AT AREAS OF WORK TO MATCH EXISTING
- D. RESTROOM FIXTURES, FITTINGS AND ACCESSORIES NOT INDICATED FOR REMOVAL OR REPLACEMENT HAVE BEEN REVIEWED BY A.O.R. AND FOUND COMPLIANT WITH 2022 CBC REQUIREMENTS AND ARE EXISTING TO REMAIN AND SHALL REMAIN PROTECTED IN PLACE.
- E. CONTRACTOR IS RESPONSIBLE FOR PROVIDING CODE-COMPLIANT, FULLY-FUNCTIONING SYSTEMS WHERE SCOPE INDICATES REMOVAL AND REPLACEMENT OF EXISTING PLUMBING FIXTURES IN PLACE.

KEYNOTES

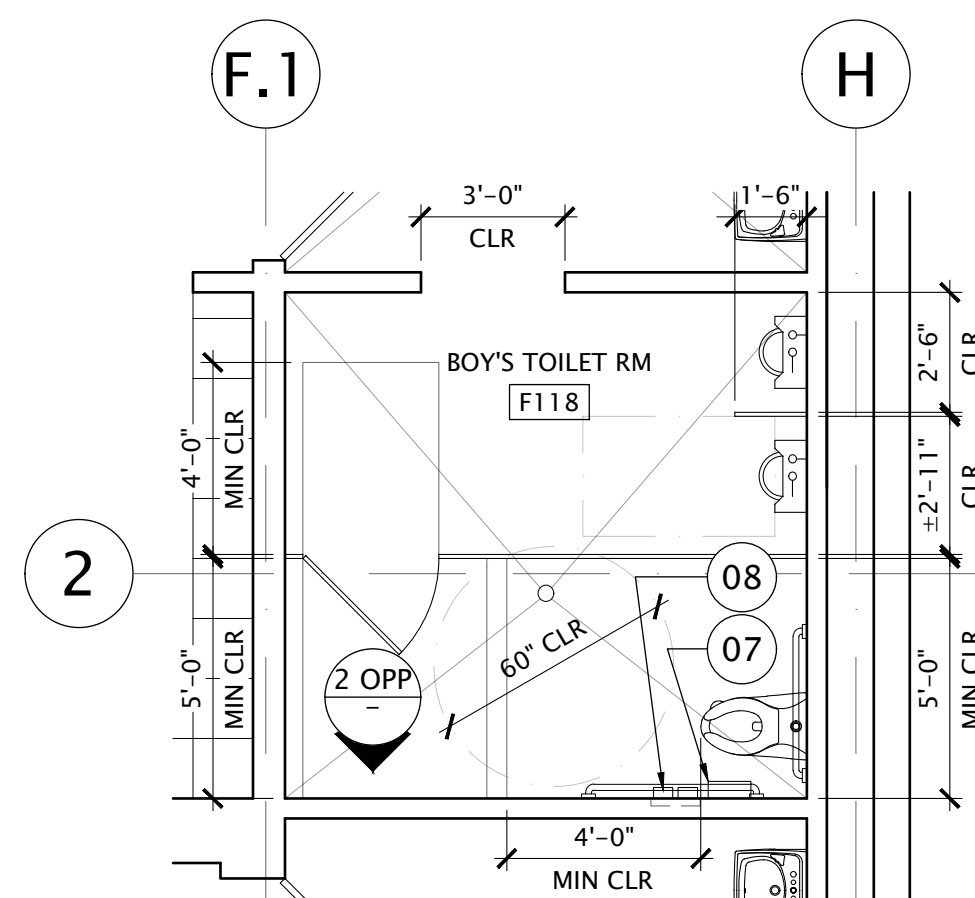
- 04 PROVIDE & INSTALL WALL-MOUNTED HANDSINK (WS BATH COLLECTION MODEL PLAIN 45W.01) WG SINGLE-HOLE. COMPLETE P-TRAP AND IPS LAV GUARD 2 UNDERSINK PIPING COVERS. FAUCET SHALL BE KOHLER CORALAIS K-15198-4RD, SINGLE-HANDLE ADA FAUCET. 0.5 GPM, 4" CENTERS) IN EXISTING LOCATION PER 8/-
- 05 PROVIDE & INSTALL IN-WALL RECESSED TOILET TISSUE DISPENSER PER 8/-
- 06 PROVIDE & INSTALL WALL-MOUNTED TRASH RECEPTACLE PER 8/-
- 07 REMOVE & REPLACE EXISTING WALL-MOUNTED TRASH RECEPTACLE PER 8/-
- 08 REMOVE & REPLACE EXISTING IN-WALL TOILET TISSUE DISPENSER PER 8/-
- 09 PROTECT EXISTING WALL-MOUNTED BATHROOM MIRROR IN PLACE.

DEMO KEYNOTES

- 01 REMOVE EXISTING WALL-MOUNTED SINK AND IN-WALL CARRIER.
- 02 REMOVE EXISTING RECESSED TOILET TISSUE DISPENSER.
- 03 REMOVE EXISTING WALL-MOUNTED TRASH CAN.

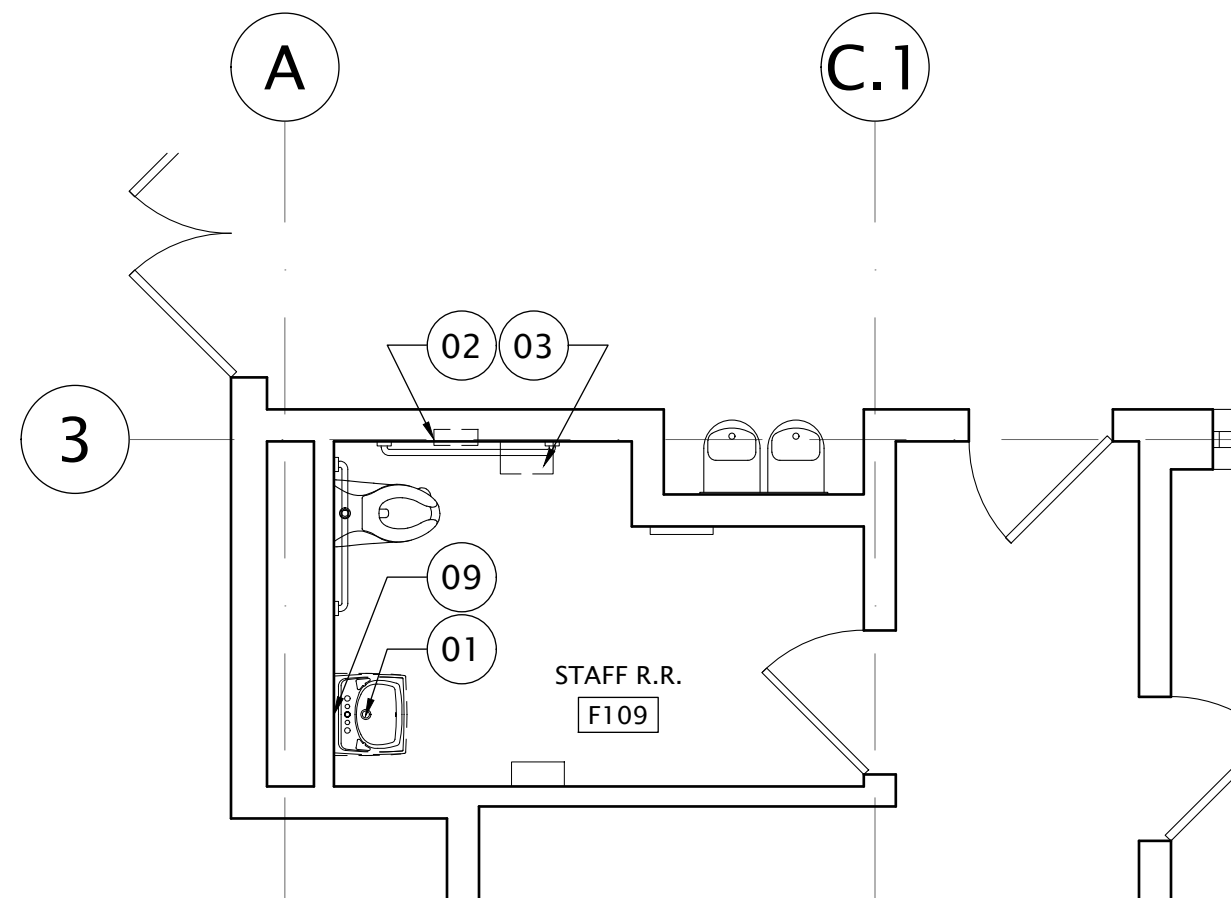
LEGEND

- ← 05 KEY NOTE, SEE ABOVE



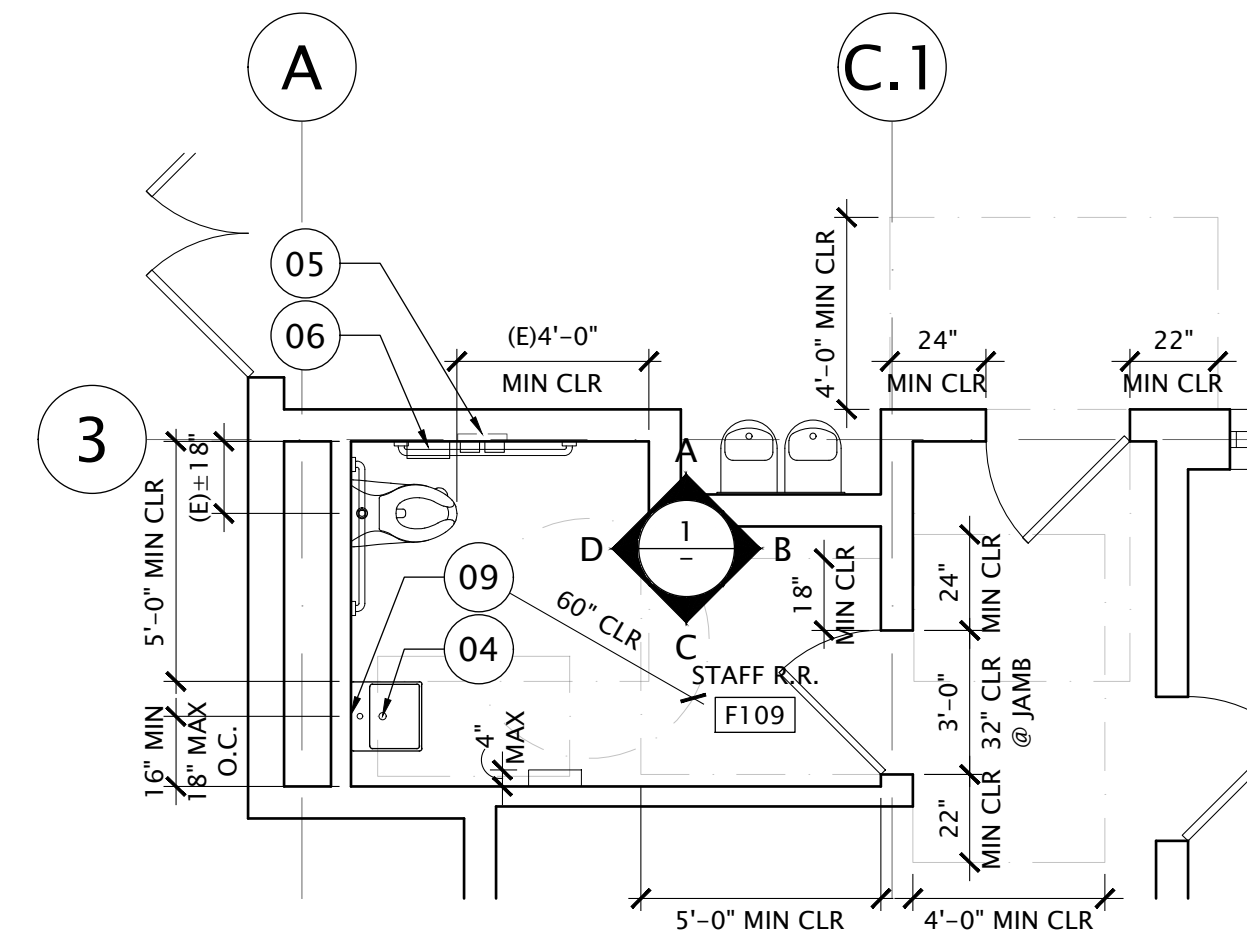
RM F118: BOY'S R.R. PLAN

SCALE: 1/4" = 1'-0"



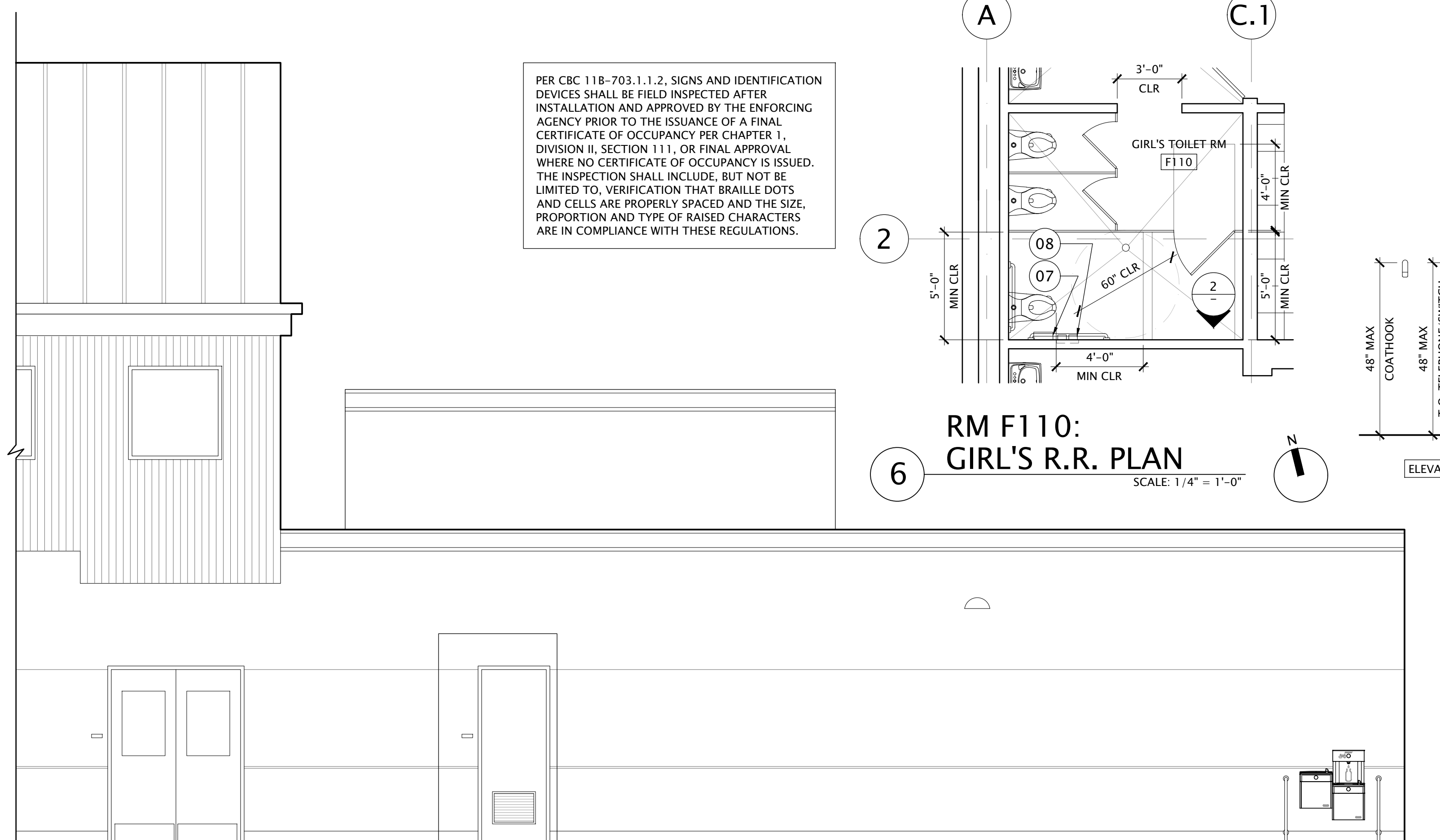
RM F109: STAFF R.R.
DEMOLITION PLAN

SCALE: 1/4" = 1'-0"



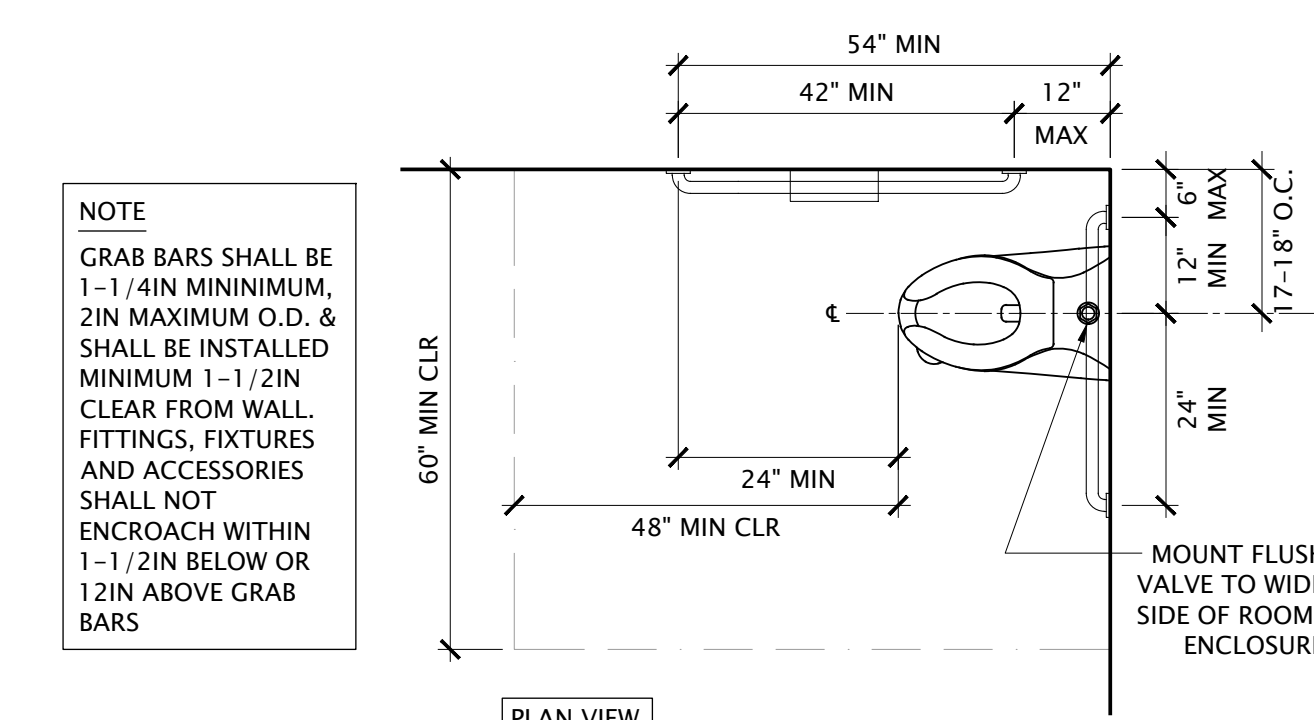
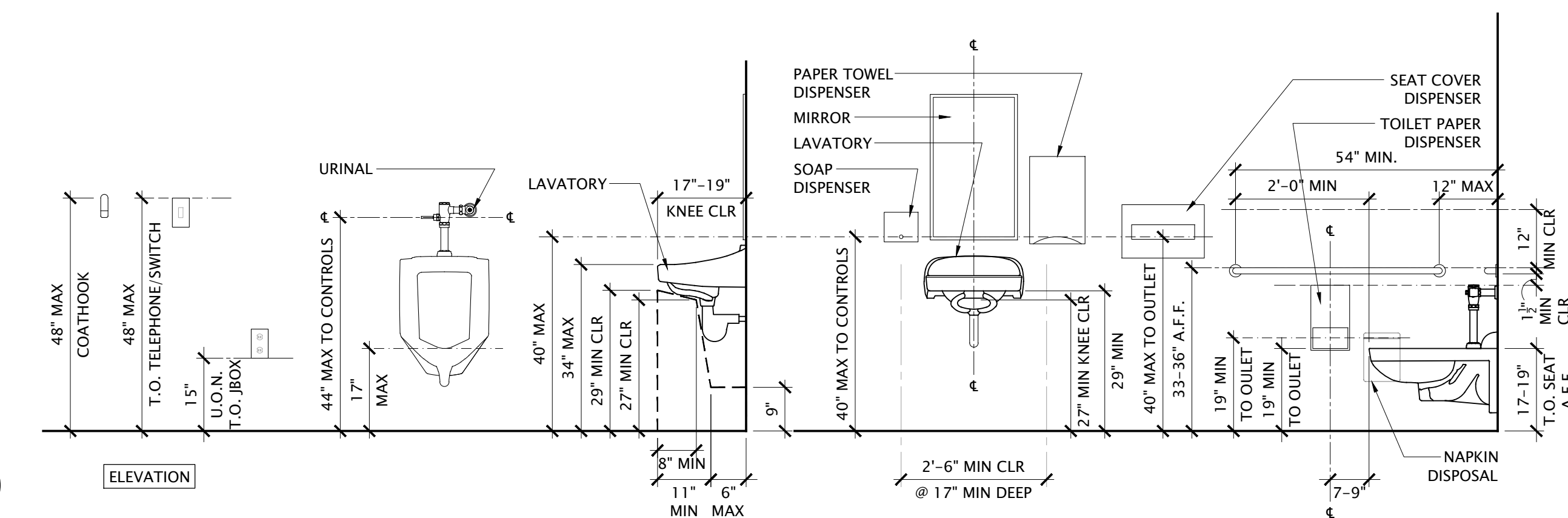
RM F109: STAFF R.R. PROPOSED PLAN

SCALE: 1/4" = 1'-0"



BUILDING F: PARTIAL GYM EXTERIOR ELEVATION

SCALE: 1/4" = 1'-0"

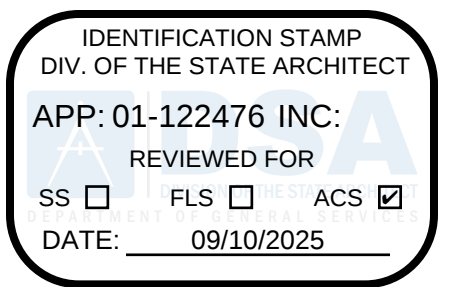


NOTE
GRAB BARS SHALL BE 1-1/4IN MINIMUM 2IN MAXIMUM O.D. & SHALL BE INSTALLED MINIMUM 1-1/2IN CLEAR FROM WALL, FITTINGS, FIXTURES AND ACCESSORIES SHALL NOT ENCROACH WITHIN 1-1/2IN BELOW OR 12IN ABOVE GRAB BARS

ADULT – STANDARD ACCESSIBLE MOUNTING HEIGHTS/CLEARANCES

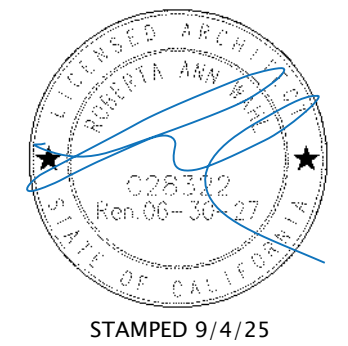
Restroom Fixtures_Standard Hgts_Elem.dwg

SCALE: 1/2" = 1'-0"



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BACKCHECK SUBMITTAL	09/03/25

Martin Luther King Jr Junior High School Running Track

2012 Carion Court
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Pittsburg Unified School District

Sheet
BUILDING F:
ENLARGED PLANS &
ELEVATIONS

A2.02

Date
September 3, 2025

IRRIGATION LEGEND			
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	
	RAIN BIRD R-VAN14 RD-06-S-P45-F TURF ROTARY, 8FT-14FT, 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/RS1800 TURF SPRAY BODY ON GUN, POP-UP, WITH CHECK VALVE, AND 45 PSI IN-STEM PRESSURE REGULATOR, FLOW-SHIELD TECHNOLOGY, 1/2IN. NPT FEMALE THREADED INLET.	45	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM RADIUS
	RAIN BIRD 6504-PC, FC-55 06 TURF ROTOR, 4IN, POP-UP, STAINLESS STEEL RISER, ADJUSTABLE AND FULL CIRCLE, WITH REMOVABLE SEAL-A-MATIC CHECK VALVE, 1IN. FEMALE THREADED INLET.	60	6 43'
	RAIN BIRD 8005-SS 10 TURF ROTOR, 4IN, POP-UP, STAINLESS STEEL RISER, ADJUSTABLE AND FULL CIRCLE, WITH REMOVABLE SEAL-A-MATIC CHECK VALVE, 1IN. FEMALE THREADED INLET.	60	10 55'
	RAIN BIRD 8005-SS 10 TURF ROTOR, 5IN, POP-UP, STAINLESS STEEL RISER, STANDARD NOZZLE, WITH SEAL-A-MATIC CHECK VALVE, ADJUSTABLE 50-330 ARC, AND 360 NON-REVERSING FULL CIRCLE, 1IN. (26/34) NPT FEMALE THREADED INLET, EXTENDED RADIUS IS IDEAL FOR LARGE TURF APPLICATIONS.	60	10.1 53'
	RAIN BIRD 8005-SS 20 TURF ROTOR, 5IN, POP-UP, STAINLESS STEEL RISER, STANDARD NOZZLE, WITH SEAL-A-MATIC CHECK VALVE, ADJUSTABLE 50-330 ARC, AND 360 NON-REVERSING FULL CIRCLE, 1IN. (26/34) NPT FEMALE THREADED INLET, EXTENDED RADIUS IS IDEAL FOR LARGE TURF APPLICATIONS.	60	20.1 67'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION		
	EXISTING RAIN BIRD VALVES 1IN., 1-1/2IN., 2IN. BRASS REMOTE CONTROL VALVES IN VALVE BOXES. PROTECT IN PLACE DURING CONSTRUCTION AND REPAIR/REPLACE ANY DAMAGED BOXES.		
	EXISTING RAIN BIRD 44 LBC 1" BRASS QUICK COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.		
	MATCO-NORCA 759LF SHUT OFF VALVE BRASS SHUT OFF BALL VALVE, 1/2" TO 4". TWO PIECE BODY, BLOW-OUT PROOF STEM, CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE. INSTALL IN 9" ROUND VALVE BOX.		
	EXISTING ZURN 350XL BACKFLOW PREVENTER REDUCED PRESSURE PRINCIPLE ASSEMBLY. PROTECT IN PLACE DURING CONSTRUCTION.		
	RAIN MASTER EGP8-P3B EXISTING EAGLE PLUS IN STAINLESS STEEL VIT STRONG BOX* PEDESTAL, EGP-CELL-KIT FOR WEB ACCESS TO ICENTRAL SERVICE.		
	POINT OF CONNECTION 2 1/2" P.O.C. LOCATED FOR CLARITY ONLY. EXISTING CITY INSTALLED WATER METER. VERIFY LOCATION IN FIELD		
	IRRIGATION MAINLINE: PVC SCHEDULE 40		

Irrigation Type		Valve Callout
		Valve Number
Design Pressure		Valve Flow
		Valve Size

MWEO GENERAL NOTES:

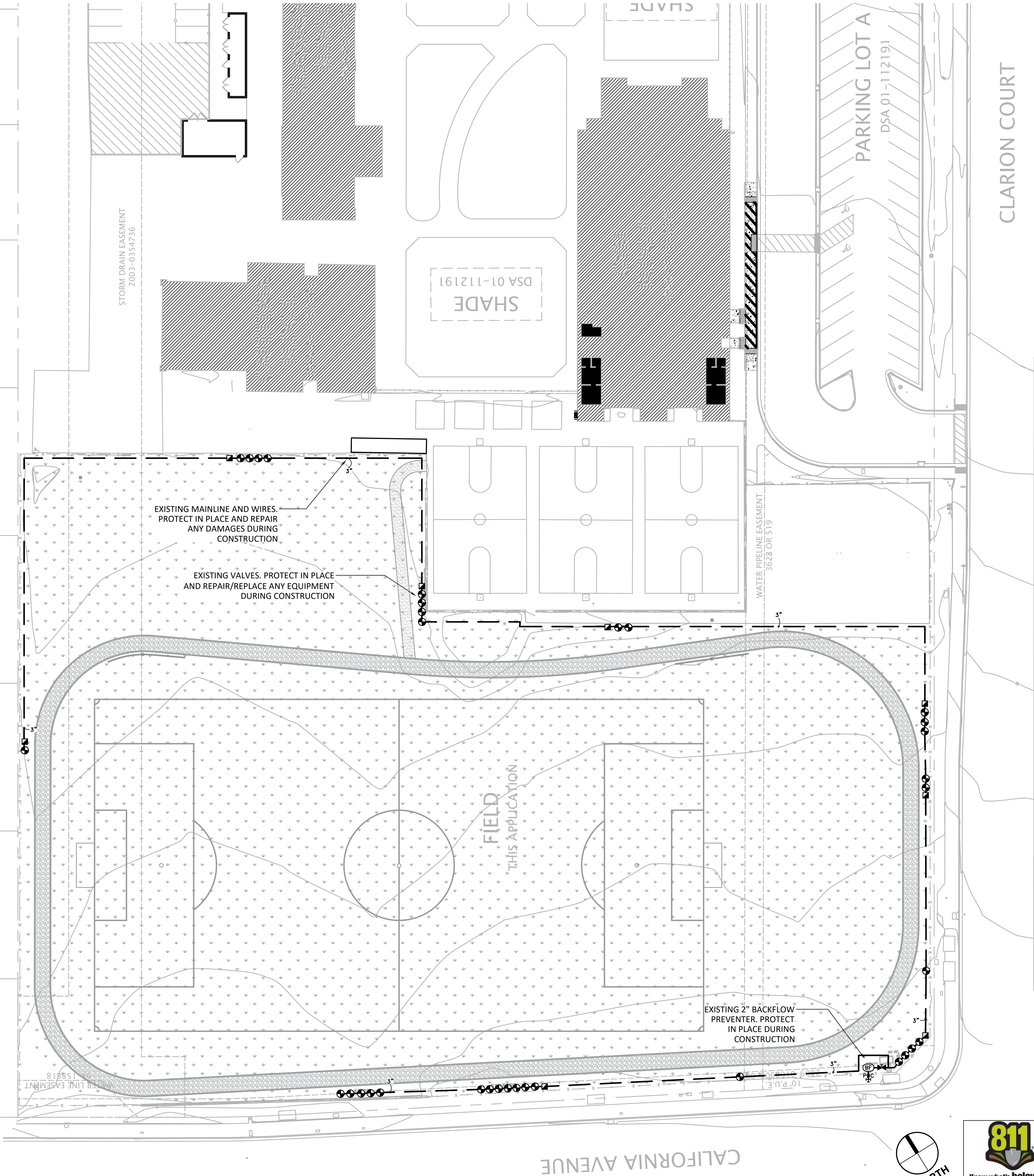
- A CERTIFICATE OF COMPLETION SHALL BE COMPLETED BY EITHER THE OWNER, THE DESIGNER OF THE LANDSCAPE PLANS OR BY THE LICENSED INSTALLING CONTRACTOR.
- AN AS BUILT DIAGRAM OF THE INSTALLED IRRIGATION SHOWING NUMBERED ZONES, VALVE LOCATION, MAINLINE LOCATION, IRRIGATION CONTROLLER AND P.O.C LOCATION SHALL BE KEPT WITH THE CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.
- CHECK VALVES ARE REQUIRED ON ALL SPRINKLER HEADS WHERE LOW HEAD DRAINAGE COULD OCCUR.
- PRESSURE REGULATING DEVICES ARE REQUIRED IF WATER OPTIMUM PRESSURE OF THE SPECIFIED IRRIGATION DEVICE PRESSURE EXCEEDS THE OPERATING RECOMMENDATIONS.
- NO OVERHEAD IRRIGATION IS PERMITTED IN LANDSCAPE AREAS THAT ARE LESS THAN 10' WIDE. DRIP OR LOW FLOW BUBBLER IRRIGATION MUST BE USED AS AN ALTERNATIVE.
- INSTALLING CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND PROGRAMMING ALL SELF ADJUSTING WEATHER/SOIL MOISTURE SENSING BASED CONTROLLERS. RAIN SENSORS ARE TO BE INSTALLED WITH ANY CONTROLLER WHERE AN OFFSITE WEATHER STATION IS USED.
- ALL SPECIFIED FLOW SENSORS AND MASTER VALVES MUST BE INSTALLED AND PROGRAMMED AS PER MANUFACTURERS REQUIREMENTS.
- AN IRRIGATION AUDIT AND COMMISSIONING IS REQUIRED ON ALL PROJECTS. CONTACT ANDREW BOLT 209-404-1746 TO SET UP.
- THESE PLANS HAVE BEEN PREPARED BY A CERTIFIED PROFESSIONAL AND ARE MEANT AS A GUIDE ONLY. PIPING AND VALVE PLACEMENT ARE DIAGRAMTIC ONLY. ALL PIPING UNDER HARDSCAPES MUST BE SLEEVED WITH SPECIFIED SLEEVING MATERIALS.
- PROTECT ALL EXISTING TREES DURING IRRIGATION TRENCHING AND PIPE INSTALLATION. CONSULT WITH LANDSCAPE ARCHITECT BEFORE CUTTING ANY ROOTS.
- NOTE TO CONTRACTOR: ALL IRRIGATION ZONES HAVE BEEN LAYED OUT AND APPROVED BY THE CITY OR COUNTY BASED ON PLANT WATER USE. SHOULD THE INSTALLING CONTRACTOR CHANGE OR MODIFY THE APPROVED IRRIGATION LAYOUT IN ANYWAY WITHOUT PRIOR AUTHORIZATION THE CONTRACTOR WILL ASSUME ALL LIABILITY AND COST OF ALL CHANGES TO THE IRRIGATION LAYOUT AND ALL ADDITIONAL WATER USAGE OVER AND ABOVE FOR THE LIFE OF THE IRRIGATION SYSTEM(S) AND ALL COSTS THAT ARE ASSOCIATED WITH OVER WATER USAGE.

IRRIGATION NOTES:

EXISTING EQUIPMENT:

- WIRE TRACE & PROTECT EXISTING IRRIGATION MAINLINE, WIRING & MAIN WATER SUPPLY. LANDSCAPE CONTRACTOR TO VERIFY LOCATION OF ALL EQUIPMENT, SIZE, FLOW AND PRESSURES AVAILABLE AND TO NOTIFY LANDSCAPE ARCHITECT OF ANY NECESSARY CHANGES NEEDED TO BE MADE SO THAT THE IRRIGATION SYSTEM PERFORMS TO AN IRRIGATION EFFICIENCY OF A MINIMUM OF 81 PERCENT.
- SYSTEM MAXIMUM OPERATING PRESSURES. 80 PSI (AT P.O.C) INSTALL PRESSURE REDUCER IF PRESSURES EXCEED EQUIPMENT MANUFACTURERS SUGGESTED MAXIMUM OPERATING PRESSURES.
- PROTECT ALL EXISTING VALVES AND IRRIGATION CONTROLLER DURING CONSTRUCTION. REPAIR OR REPLACE ALL DAMAGES TO EXISTING EQUIPMENT.

DIANE AVENUE



IRRIGATION LAYOUT

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APP: 01-122476 INC:
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SS ☐ FLS ☐ ACS ☒
DATE: 09/10/2025

STAMP: 7/21/25

No.	Revision/Issue	Date

Firm Name and Address

IRRIGATION ASSOCIATION
Experienced professionals. Proven solutions. PROFESSIONAL
LIC# 1012730-IN CERTIFICATION # 57436

Project Name and Address
MARTIN
LUTHER KING
JR HIGH
SCHOOL
950 EL PUEBLO AVE.
PITTSBURG, CA 94565

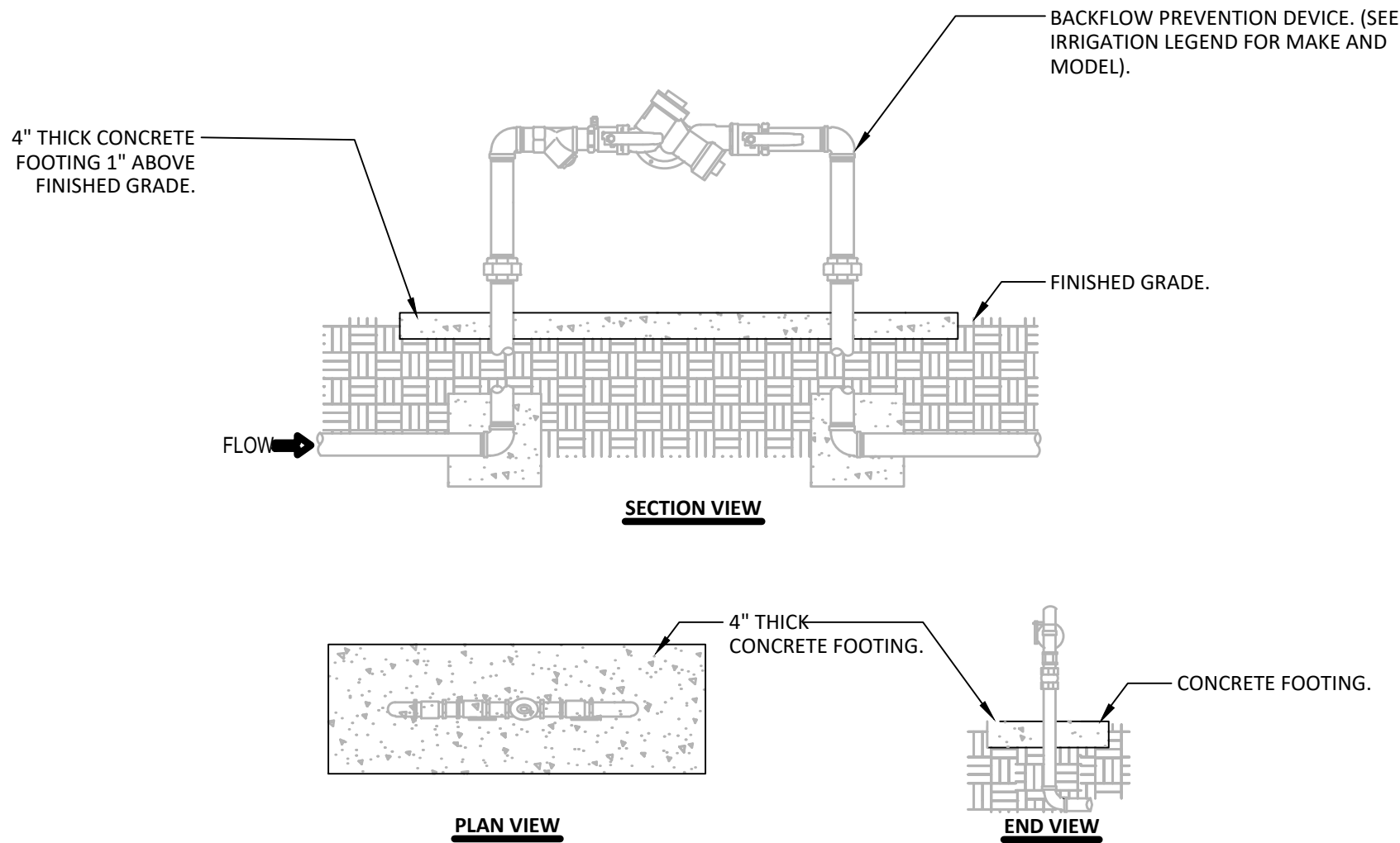
Project Number
578-2025
Date
07/21/2025
Scale
1/32" = 1'
Drafted By
AJBB

Sheet #
IR1.0
Of Total 9 Sheets

811
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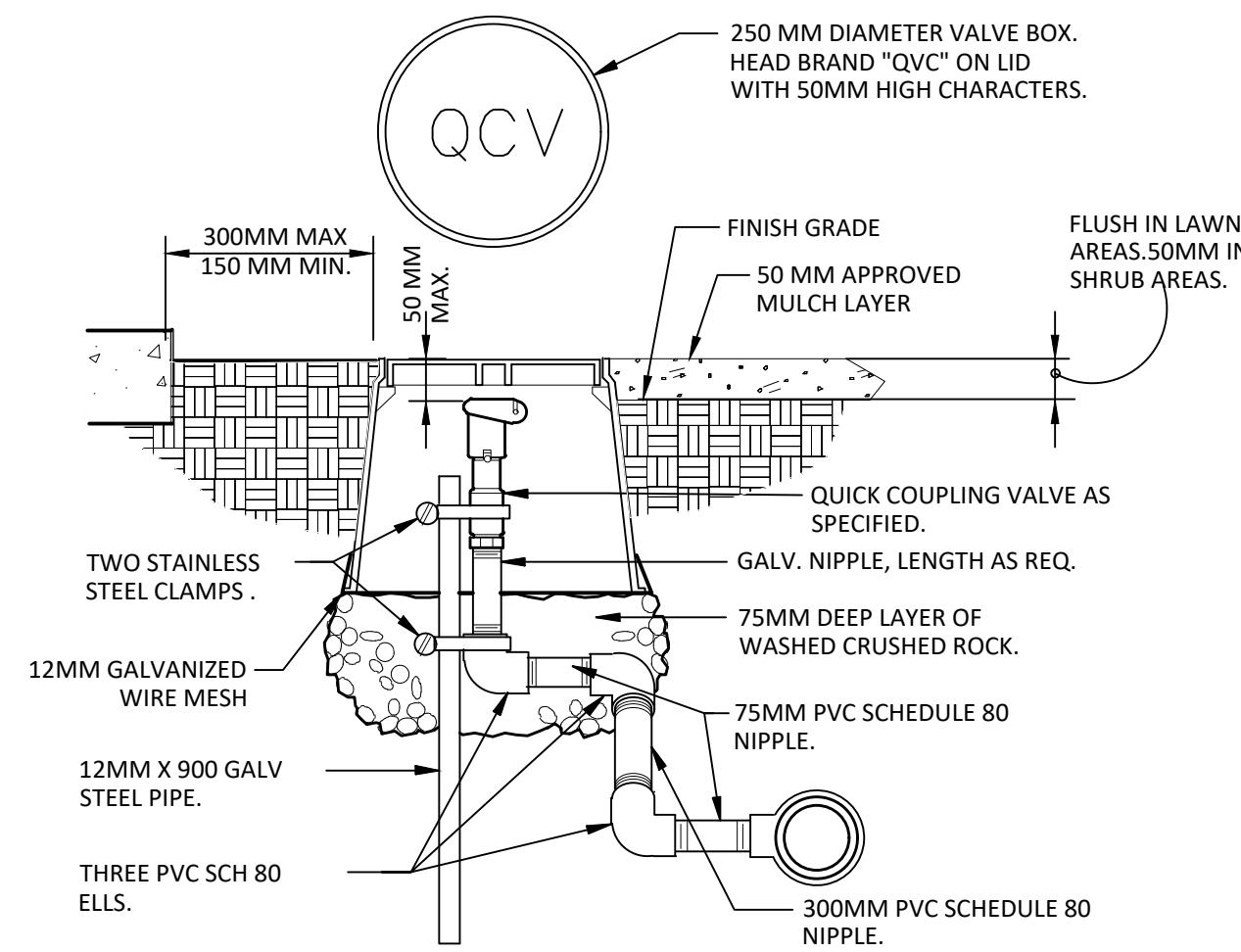


- NOTES:
- 1- INSTALL BACKFLOW CAGE PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
 - 2- SEE BACKFLOW PREVENTION DEVICE DETAIL FOR REFERENCE.
 - 3- LOCK BOX SHALL BE LOCATED ABOVE CONCRETE FOOTING
 - 4- CONTRACTOR SHALL PROVIDE A LOCK AS APPROVED BY THE OWNER'S REPRESENTATIVE.

1 EXISTING RP BACK FLOW PREVENTER

NTS

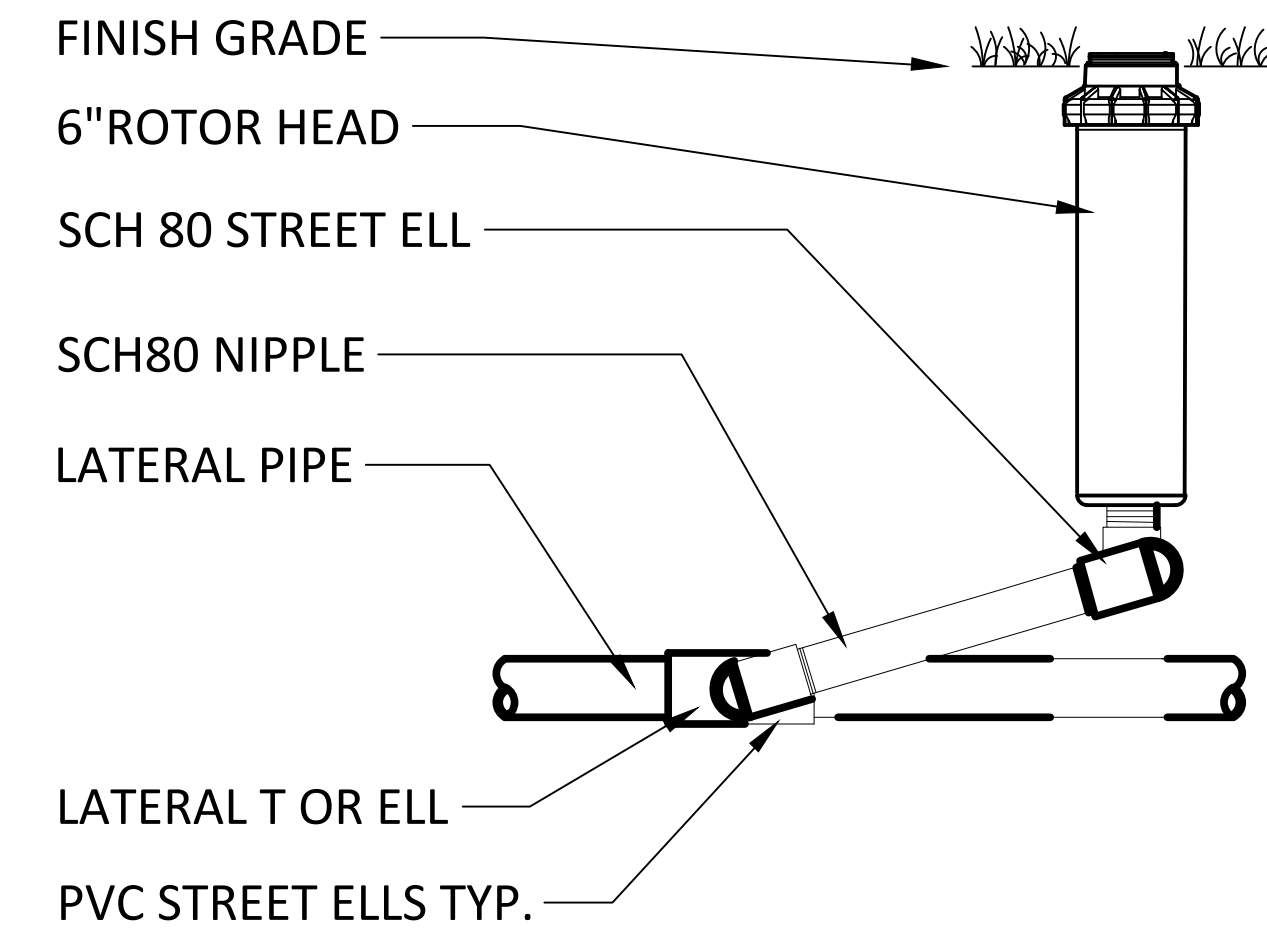
2005-02



4 QUICK COUPLER DETAILS

NTS

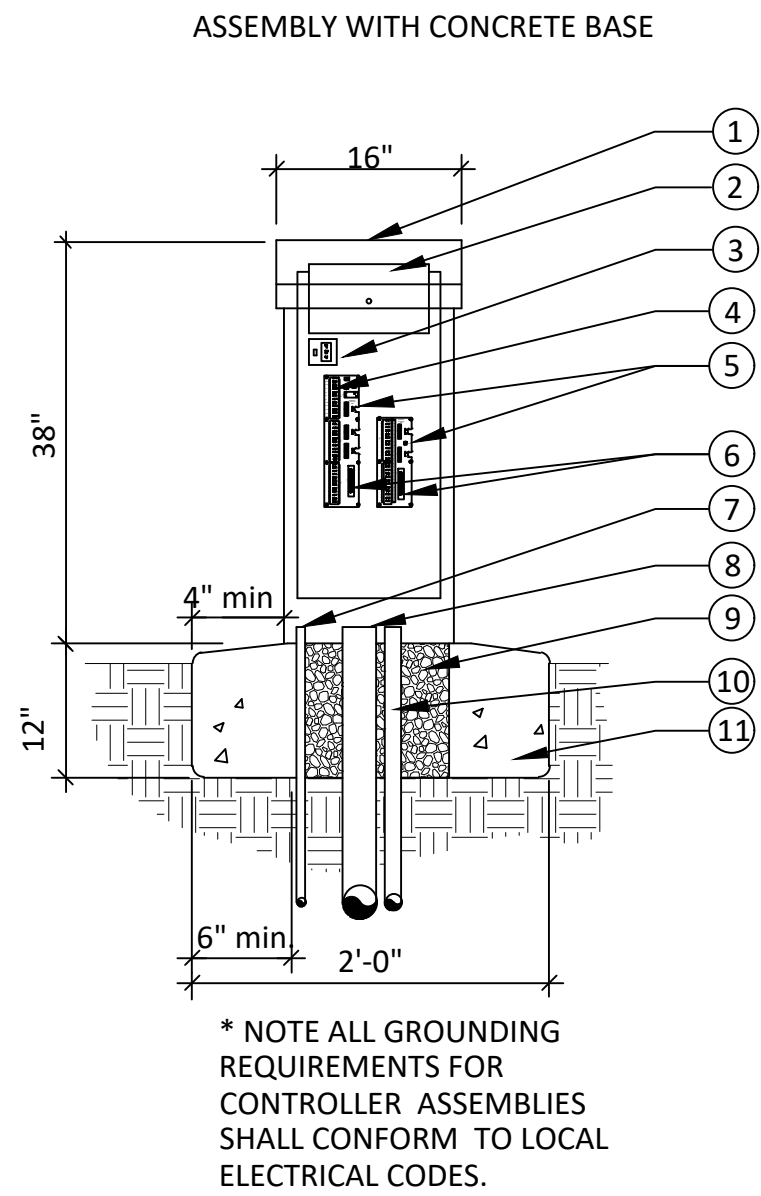
2004-05



6 6 INCH ROTOR HEAD

NTS

2027-04



* NOTE ALL GROUNDING REQUIREMENTS FOR CONTROLLER ASSEMBLIES SHALL CONFORM TO LOCAL ELECTRICAL CODES.

1. IMPERIAL ASSEMBLIES 16" TOP ENTRY CONTROLLER ASSEMBLY NEMA 3R RAINPROOF ENCLOSURE (UL LISTED)
2. CONTROLLER
3. POWER SWITCH/GFI RECEPTACLE
4. MASTER VALVE RELAY ASSEMBLY OR PUMP START RELAY ASSEMBLY (OPTIONAL)
5. TERMINAL BOARD
6. REMOTE RECEIVER CONNECTOR (OPTIONAL)
7. 1" PVC CONDUIT FOR 120 VAC FROM METERED POWER SUPPLY
8. PVC CONDUIT FOR CONTROL WIRES, SIZE AS REQUIRED
9. FILL VOIDS WITH 3/8" PEA GRAVEL
10. 1" PVC CONDUIT FOR FLOW SENSOR CABLE PAIGE CABLE P - 7162 - D (IF APPLICABLE)
11. POURED CONCRETE BASE

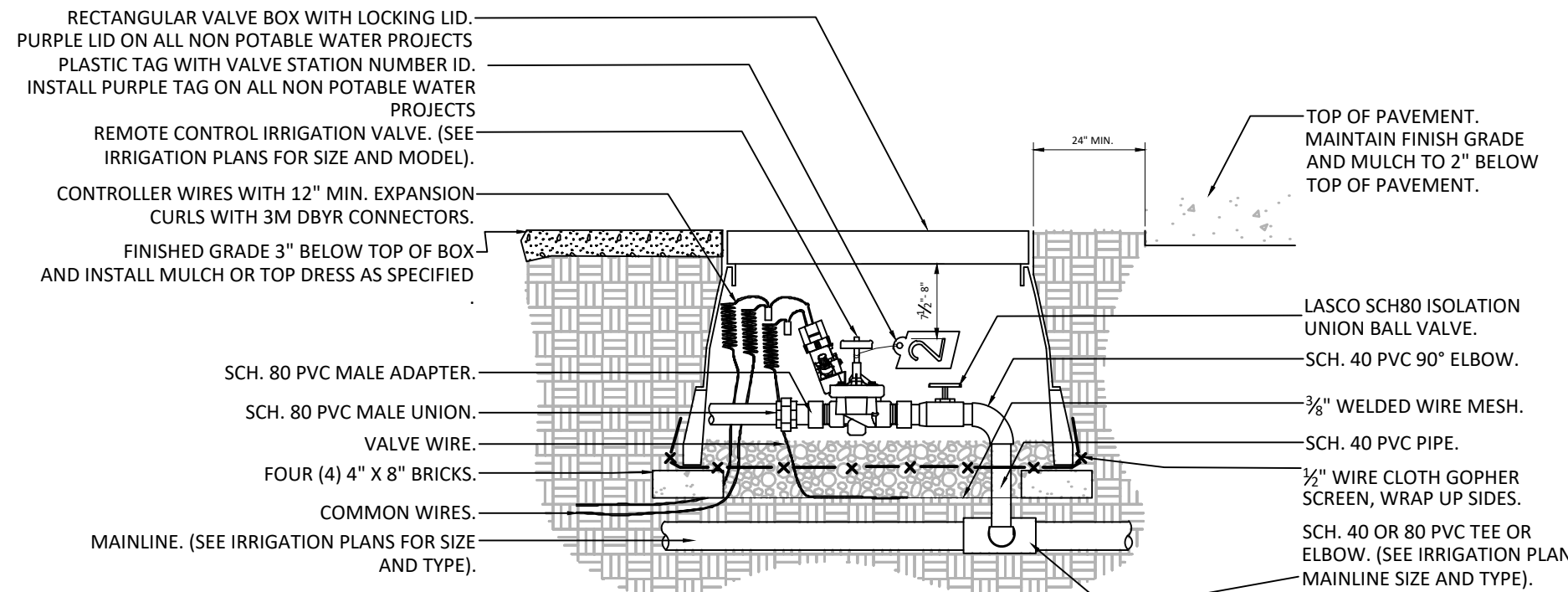
2 EXISTING RAINMASTER CONTROLLER ENCLOSURE

NTS

3 BRASS ISOLATION VALVE IN EXTENDED 10" VALVE BOX

NTS

201501-03



NOTE:

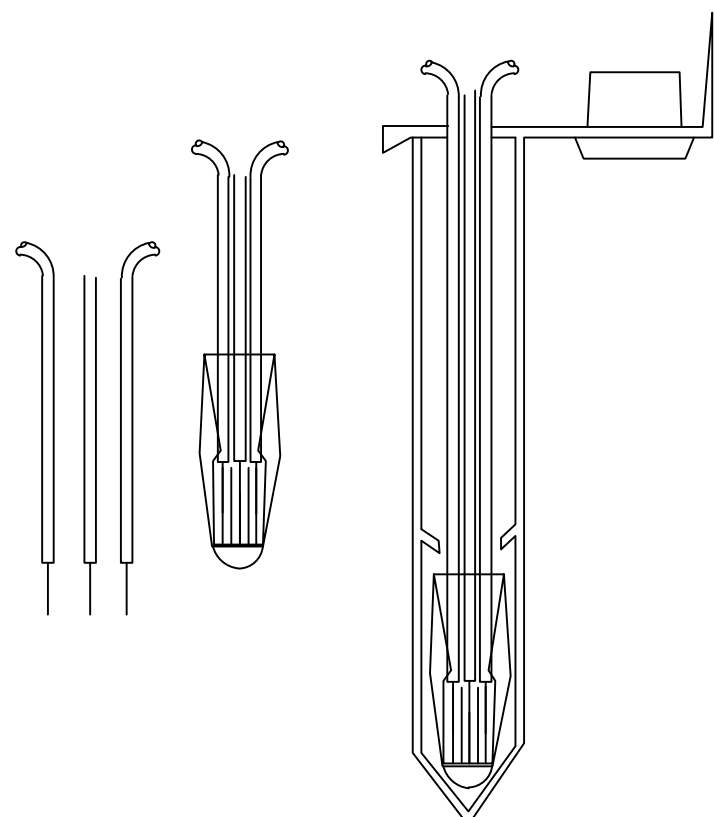
- 1- LOCATE VALVE BOX WITHIN 24" OF PAVEMENT EDGE IN PLANTING AREA WHERE EASILY ACCESSIBLE WHENEVER POSSIBLE.
- 2- COMMON WIRE AND CONTROLLER WIRE SHALL BE DIRECT BURIAL 14 AWG OR LARGER. COLOR: COMMON (WHITE), CONTROLLER WIRE FOR TURF (BLUE), AND CONTROLLER WIRE FOR SHRUBS (RED). (SEE SPECIFICATIONS FOR 2-WIRE CONTROLLERS).
- 3- ALL WIRE RUNS SHALL BE CONTINUOUS WITHOUT ANY SPLICES UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE. SEE SPLICE BOX DETAIL. WIRE CONNECTIONS SHALL BE MADE USING DBR/Y-6 CONNECTORS OR APPROVED EQUAL.
- 4- VALVE BOX SHALL BE WRAPPED WITH MIN. 3 MIL THICK PLASTIC AND SECURE IT USING DUCT TAPE OR ELECTRICAL TAPE.
- 5- MAINLINES 4" OR LARGER SHALL USE SADDLES AT THE CONNECTIONS POINTS TO THE IRRIGATION VALVE. (SEE SPECIFICATIONS FOR IRRIGATIONS SADDLES).
- 6- ALL SCH. 80 PVC TO SCH. 40 PVC THREADED CONNECTIONS SHALL BE MADE USING TEFLON TAPE.
- 7- VALVE BOXES SHALL BE LOCATED IN PLANTING AREAS.
- 8- ALL VALVE BOXES SHOULD BE COLOUR TO MATCH SURROUNDING LANDSCAPE. GREEN IN TURF, BLACK IN BLACK MULCH, TAN IN GOLD GRAVEL OR DG AND/OR PAINTED TO MATCH. PURPLE LID ON ALL NON POTABLE WATER PROJECTS

5 REMOTE CONTROL VALVE DETAIL

NTS

2015-01

- STEP 1: STRIP WIRES 12.7MM FROM ENDS.
- STEP 2: APPLY SIZED WIRE NUT AND TURN CLOCKWISE DIRECTION.
- STEP 3: INSERT SPLICE INTO 3M GEL FILLED CLEAR TUBE. PUSH SO THAT THE WIRE NIT MAKES CONTACT WITH END OF TUBE.
- STEP 4: POSITION WIRES IN CHANNELS AND CLOSE TUBE COVER.
- NOTE: MAXIMUM WIRES PER CONNECTOR ARE THREE EACH # 14'S OR TWO EACH # 12'S.

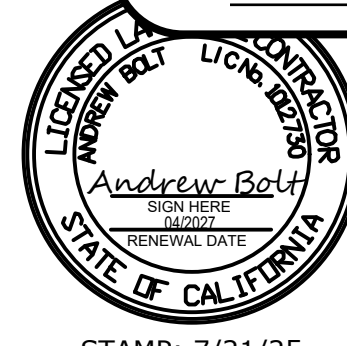


7 3M-DBYR CONNECTORS

NTS

2002-01

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122476 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 09/10/2025



STAMP: 7/21/25

IRRIGATION DETAILS

No.	Revision/Issue	Date
-----	----------------	------

Firm Name and Address



Project Name and Address

MARTIN
LUTHER KING
JR HIGH
SCHOOL
950 EL PUEBLO AVE.
PITTSBURG, CA 94565

Project Number

576-2025

Date

07/21/2025

Drafted By

AJBB

Sheet #

IR1.1

Of Total 9 Sheets

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SUBMITTALS

- A. SEE THE CONTRACT GENERAL CONDITIONS FOR POLICY AND PROCEDURES RELATED TO SUBMITTALS.
- B. PRODUCT DATA
- 1. SUBMIT A MINIMUM OF (3) COMPLETE LISTS OF ALL IRRIGATION EQUIPMENT TO BE USED, MANUFACTURER'S BROCHURES, MAINTENANCE MANUALS, WARRANTIES AND OPERATING INSTRUCTIONS, WITHIN 15 DAYS AFTER THE NOTICE TO PROCEED.
- A. THIS SUBMISSION MAY BE DONE DIGITALLY AND ALL DOCUMENTS SHALL BE SUBMITTED IN ONE PDF DOCUMENT.
- 2. THE SUBMITTALS SHALL BE PACKAGED AND PRESENTED IN AN ORGANIZED MANNER, IN THE QUANTITY DESCRIBED IN DIVISION 1 OF THE SPECIFICATIONS. PROVIDE A TABLE OF CONTENTS OF ALL SUBMITTED ITEMS.
- 3. CLEARLY IDENTIFY ON EACH SUBMITTED SHEET BY UNDERLINING OR HIGHLIGHTING (ON EACH COPY) THE SPECIFIC PRODUCT BEING SUBMITTED FOR APPROVAL. FAILURE TO CLEARLY IDENTIFY THE SPECIFIC PRODUCT BEING SUBMITTED WILL RESULT IN A REJECTION FOR THE ENTIRE SUBMITTAL. NO SUBSTITUTIONS OF MATERIAL OR PROCEDURES SHALL BE MADE CONCERNING THESE DOCUMENTS WITHOUT THE WRITTEN CONSENT OF AN ACCEPTED EQUIVALENT BY THE OWNER'S REPRESENTATIVE.
- 4. EQUIPMENT OR MATERIALS INSTALLED OR FURNISHED WITHOUT PRIOR APPROVAL OF THE OWNER'S REPRESENTATIVE, MAY BE REJECTED BY THE OWNER'S REPRESENTATIVE AND THE CONTRACTOR SHALL BE REQUIRED TO REMOVE SUCH MATERIALS FROM THE SITE AT THEIR OWN EXPENSE.

AS BUILT RECORD SET OF DRAWINGS

- A. IMMEDIATELY UPON THE INSTALLATION OF ANY BURIED PIPE OR EQUIPMENT, THE CONTRACTOR SHALL INDICATE ON THE PROGRESS RECORD DRAWINGS THE LOCATIONS OF SAID PIPE OR EQUIPMENT. THE PROGRESS RECORD DRAWINGS SHALL BE MADE AVAILABLE AT ANY TIME FOR REVIEW BY THE OWNER'S REPRESENTATIVE.
- B. BEFORE FINAL ACCEPTANCE OF WORK, THE CONTRACTOR SHALL PROVIDE AN AS BUILT RECORD SET OF DRAWINGS SHOWING THE IRRIGATION SYSTEM WORK AS BUILT. THE DRAWINGS SHALL BE TRANSMITTED TO THE OWNER'S REPRESENTATIVE IN PAPER FORMAT AND AS A PDF FILE OF EACH DOCUMENT ON COMPACT DISK OR FLASH DRIVE. THE DRAWINGS SHALL INCLUDE ALL INFORMATION SHOWN ON THE ORIGINAL CONTRACT DOCUMENT AND REVISED TO REFLECT ALL CHANGES IN THE WORK. THE DRAWINGS SHALL INCLUDE THE FOLLOWING ADDITIONAL INFORMATION
- 1. ALL VALVES SHALL BE NUMBERED BY STATION AND CORRESPONDING NUMBERS SHALL BE SHOWN ON THE AS BUILT RECORD SET OF DRAWINGS.
- 2. ALL MAIN LINE PIPE OR IRRIGATION EQUIPMENT INCLUDING SLEEVES, VALVES, CONTROLLERS, IRRIGATION WIRE RUNS WHICH DEVIATE FROM THE MAINLINE LOCATION, BACKFLOW PREVENTERS, REMOTE CONTROL VALVES, GROUNDING RODS, SHUT-OFF VALVES, RAIN SENSORS, WIRE SPLICE LOCATIONS, AND QUICK COUPLING VALVES SHALL BE LOCATED BY TWO (2) MEASURED DIMENSIONS, TO THE NEAREST ONE-HALF FOOT. DIMENSIONS SHALL BE GIVEN FROM PERMANENT OBJECTS SUCH AS BUILDINGS, SIDEWALKS, CURBS, WALLS, STRUCTURES AND DRIVEWAYS. ALL CHANGES IN DIRECTION AND DEPTH OF MAIN LINE PIPE SHALL BE NOTED EXACTLY AS INSTALLED. DIMENSIONS FOR PIPES SHALL BE SHOWN AT NO GREATER THAN A 50 FT. MAXIMUM INTERVAL.
- 3. AS BUILT RECORD SET OF DRAWINGS SHALL BE SIGNED AND DATED BY THE CONTRACTOR ATTESTING TO AND CERTIFYING THE ACCURACY OF THE AS BUILT RECORD SET OF DRAWINGS. AS BUILT RECORD SET OF DRAWINGS SHALL HAVE "AS BUILT RECORD SET OF DRAWINGS", COMPANY NAME, ADDRESS, PHONE NUMBER AND THE NAME OF THE PERSON WHO CREATED THE DRAWING AND THE CONTACT NAME (IF DIFFERENT).
- C. THE OWNER SHALL MAKE THE ORIGINAL CONTRACT DRAWING FILES AVAILABLE TO THE CONTRACTOR.

CONTROLLER CHARTS:

- A. PROVIDE ONE CONTROLLER CHART FOR EACH AUTOMATIC CONTROLLER INSTALLED.
- 1. ON THE INSIDE SURFACE OF THE COVER OF EACH AUTOMATIC CONTROLLER, PREPARE AND MOUNT A COLOR-CODED CHART SHOWING THE VALVES, MAIN LINE, AND SYSTEMS SERVICED BY THAT PARTICULAR CONTROLLER. ALL VALVES SHALL BE NUMBERED TO MATCH THE OPERATION SCHEDULE AND THE DRAWINGS. ONLY THOSE AREAS CONTROLLED BY THAT CONTROLLER SHALL BE SHOWN. THIS CHART SHALL BE A PLOT PLAN, ENTIRE OR PARTIAL, SHOWING BUILDING, WALKS, ROADS AND WALLS. THE PLAN, REDUCED AS NECESSARY AND LEGIBLE IN ALL DETAILS, SHALL BE MADE TO A SIZE THAT WILL FIT INTO THE CONTROLLER COVER. THIS PRINT SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE AND SHALL BE PROTECTED IN LAMINATED IN A PLASTIC COVER AND BE SECURED TO THE INSIDE BACK OF THE CONTROLLER CABINET DOOR.
- 2. THE CONTROLLER CHART SHALL BE COMPLETED AND APPROVED PRIOR TO ACCEPTANCE OF THE WORK.

IRRIGATION/WATERING RESPONSIBILITY

- 1. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR TO OPERATE THE IRRIGATION SYSTEM IN AN EFFICIENT MANNER AND TO MINIMIZE WATER WASTE. IT IS THE MAINTENANCE CONTRACTOR'S RESPONSIBILITY TO ADJUST THE SYSTEM TO APPLY WATER IN ACCORDANCE WITH PLANT REQUIREMENTS BASED ON WEATHER, SOIL, AND SITE CONDITIONS. THE IRRIGATION PROGRAM SHALL BE SCHEDULED TO MINIMIZE WATER WASTE THROUGH RUNOFF, EXCESSIVE IRRIGATION RUN TIMES, UTILIZE CYCLE SOAK SCHEDULING WHEN APPLICABLE. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR TO OPERATE THE IRRIGATION SYSTEM BASED ON LOCAL MUNICIPAL GUIDELINES.

IRRIGATION ACTIVATION

- 1. ACTIVATE IRRIGATION SYSTEM IN SPRING (OR WHEN WEATHER PERMITS). CHARGE MAINLINE IN FEBRUARY OR MARCH TO CHECK FOR LEAKS AND/OR MALFUNCTIONING VALVES.
- 2. TURN ON BACKFLOW PREVENTERS, OPEN GATE VALVES AND ACTIVATE BOOSTER PUMPS IF INSTALLED.
- 3. THE IRRIGATION CONTROLLER TO RUN MODE AND VERIFY THAT ALL PROGRAMS ARE ACTIVATED AND SET UP TO BE RUN IN SELF ADJUSTED MODE.
- 4. VERIFICATION AND ADJUSTMENTS. THIS INCLUDES TURNING ON EACH ZONE, MONITORING FOR LEAKS OR MALFUNCTIONING PARTS, CUTTING GRASS AWAY FROM SPRINKLER HEADS AND ADJUSTING SPRINKLERS FOR PROPER ARC AND MAXIMUM EFFICIENCY.
- 5. VERIFY THAT DRIP IRRIGATION IS FUNCTIONAL AND THAT DISTRIBUTION TUBING HAS NOT BEEN CUT OR BROKEN DURING NON OPERATIONAL PERIOD.
- 6. SERVICE, CLEAN AND ADJUST AND WEATHER SENSOR SYSTEM. THIS IS CRITICAL FOR ALL SELF ADJUSTING CONTROLLERS.
- 7. IF APPLICABLE SERVICE IRRIGATION BOOSTER PUMP, THIS NEED TO BE COMPLETED BY THE MANUFACTURERS CERTIFIED TECHNICIAN.

IRRIGATION MONITORING/LANDSCAPE WATERING

- 9. CHECK THE ET/WEATHER BASED SELF ADJUSTING SYSTEM PROGRAMMING; FLOW SENSOR AND MASTER VALVE OPERATION AND PROGRAMMING; ADJUST AS REQUIRED TO ENSURE PROPER OPERATION.
- 10. ALL BACKFLOW PREVENTION DEVICES ARE TO BE MAINTAINED AS PER LOCAL CITY OR COUNTY CODES.
- 11. ALL TURF AREAS SHALL BE MONITORED TO DETERMINE THE NEED FOR SUPPLEMENTAL IRRIGATION. FREQUENCY AND DURATION OF EACH WATERING WILL BE DEPENDENT ON LOCAL WEATHER CONDITIONS. TO DETERMINE THE NEED FOR WATERING, LANDSCAPE MAINTENANCE CONTRACTOR SHALL USE A SOIL PROBE TO EXAMINE THE FIRST 6-12" OF THE SOIL PROFILE. IF THE SOIL IS COOL, DAMP AND HOLDS ITS SHAPE, WATERING IS NOT NECESSARY. PLANT MATERIAL ROOTS SHOULD BE ENCOURAGE TO ROOT AS DEEP AS POSSIBLE, THIS IS ACCOMPLISHED BY DEEP ROOT WATERING, LONGER IRRIGATION RUN TIMES AND UTILIZING CYLCE SOAK METHOD. FREQUENT SHALLOW IRRIGATION SCHEDULING IS INEFFECTIVE AND WILL ONLY PROMOTE SHALLOW ROOTING AND REQUIRE EXCESSIVE WATER WASTE.
- 12. GROUNDCOVER AND SHRUB BEDS SHALL BE WATERED USING AN AUTOMATIC IRRIGATION SYSTEM. THE ENTIRE GROUNDCOVER/SHRUB BED SHALL BE SOAKED TO A DEPTH TO MAXIMIZE HEALTHY PLANT ROOT GROWTH. IRRIGATION RUN TIME TO BE BASED ON IRRIGATION DEVICE PRECIPITATION RATE (NOT FLOW RATE) AND PLANT MATERIAL IRRIGATION DEMAND. (USE WUCOLS REFERENCE FOR PLANT WATERING NEEDS). IN THE EVENT OF ESTABLISHING PLANTS, OR COMPROMISED SOIL PROFILE, WATERING FREQUENCIES MAY BE ADJUSTED.
- 13. ESTABLISH TIME SETTINGS AND INTERVALS OF IRRIGATION WATER APPLICATION FOR EACH VALVE OF ALL IRRIGATION ZONES. MAKE ADJUSTMENTS WHEN NECESSARY TO CORRESPOND TO VARIABLE WATERING REQUIREMENTS. CHECK FOR COVERAGE AND PLUGGED EMISSION/NOZZLE DEVICES. CLEAN DEVICES AND ADJUST DEVICES WHILE

GENERAL IRRIGATION NOTES

EQUIPMENT

- 1. ALL POP-UP TYPE SPRINKLER HEADS INSTALLED IN SHRUB OR GROUNDCOVER AREAS SHALL BE INSTALLED SO THAT THE TOP OF THE SPRINKLER HEAD IS 2" ABOVE FINISH GRADE.
- 2. ALL POP-UP TYPE SPRINKLER HEADS INSTALLED IN TURF AREAS SHALL BE INSTALLED SO THAT THE TOP OF THE SPRINKLER HEAD IS FLUSH WITH ADJACENT SIDEWALK OR CURB.
- 3. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHERWISE DESIGNATED ON THE PLANS.
- 4. ALL SPRINKLERS SHALL BE INSTALLED WITH A 'CHECK VALVE' TO PREVENT DRAINAGE FROM SPRINKLER HEAD WHEN THE SPRINKLER IS OFF. DRAINAGE OF IRRIGATION WATER THROUGH SPRINKLER HEADS WILL NOT BE ALLOWED.
- 5. THE SPRINKLER SYSTEM DESIGN IS BASED ON THE MINIMUM EQUIPMENT OPERATING PRESSURE OF 40 PSI AND THE MAXIMUM FLOW OF XX GPM AS SHOWN ON THE IRRIGATION DRAWINGS AT THE METER OR POINT OF CONNECTION. THE IRRIGATION CONTRACTOR SHALL VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THAT PRESSURE DIFFERENCES ARE NOT REPORTED PRIOR TO THE START OF CONSTRUCTION, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- 6. 120 VOLT ELECTRICAL POWER OUTLET AT THE AUTOMATIC CONTROLLER LOCATION SHALL BE PROVIDED BY OTHERS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOK-UP FROM THE ELECTRICAL OUTLET TO THE AUTOMATIC CONTROLLER.
- 7. WHERE APPLICABLE-TWO WIRE SYSTEM - ALL TWO WIRE DECODERS TO BE INSTALLED PER MANUFACTURERS REQUIREMENTS AND GROUNDED AS PER MANUFACTURER REQUIREMENTS. CONTACT MANUFACTURER REPRESENTATIVE FOR APPROVAL OF GROUNDING AND DECODER INSTALLATION AND SIGN OFF.
- a. WHERE APPLICABLE-INSTALL ADDITIONAL TWO WIRE IN EACH VALVE BOX SO THAT WIRE CAN BE PULLED OUT OF VALVE BOX (A MINIMUM OF 24") FOR SPLICE AND DECODER SERVICING.
- 8. ALL MASTER VALVES/FLOW SENSORS MUST BE SET UP PRIOR TO IRRIGATION CONTROLLER CERTIFICATION.
- 9. WHERE APPLICABLE-BOOSTER PUMP - CONTACT BARRETT ENGINEERED PUMP REPRESENTATIVE FOR PUMP START UP AND CERTIFICATION. DURING START UP TESTING PUMP MUST BE RAN AT MAXIMUM FLOW AND PRESSURES AS REPRESENTED ON THE APPROVED IRRIGATION PLANS FOR A MINIMUM OF 30 MINUTES AND MUST BE OPERATIONAL FROM THE CONTROLLER VIA PUMP START AND NOT FLOW START.
- 10. THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS. AVOID ANY CONFLICTS BETWEEN THE SPRINKLER SYSTEM, PLANTING AND ARCHITECTURAL FEATURES.
- 11. THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER-SPRAY ONTO WALKS, ROADWAYS AND/OR BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE SELECTING THE BEST DEGREE OF ARC TO FIT THE EXISTING SITE CONDITIONS AND TO THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH SYSTEM.
- 12. DO NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- 13. INSTALL ALL DRIP FLUSH VALVES AND DRIP INDICATORS AT HIGHEST POINT IN DRIP SYSTEM TO AVOID LOW HEAD DRAINAGE.
- 14. INSTALL ALL PIPE MATERIALS AND EQUIPMENT AS SHOWN IN THE DETAILS. USE TEFLON TAPE OR TEFLON PIPE DOPE ON ALL PVC MALE PIPE THREADS ON ALL SPRINKLER SWING JOINT AND VALVE ASSEMBLIES.
- 15. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, ETC. HE SHALL COORDINATE HIS WORK WITH THE GENERAL CONTRACTOR AND OTHER SUB- CONTRACTORS FOR THE LOCATION AND THE INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER ROADWAYS, PAVING, STRUCTURES, ETC.
- 16. IN ADDITION TO THE CONTROL WIRE SLEEVES SHOWN ON THE DRAWINGS, THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF CONTROL WIRE SLEEVES OF SUFFICIENT SIZE UNDER ALL OTHER PAVED AREAS.
- 17. CONTRACTOR SHALL PROGRAM IRRIGATION CONTROLLER TO OPERATE AS FOLLOWS POST-CONSTRUCTION: SPRAY VALVES SHALL ONLY BE TURNED ON BETWEEN THE HOURS OF 08:00 P.M. AND 6:00 A.M. BUBBLER AND DRIP VALVES CAN OPERATE AT ANY TIME.

SYSTEM PERFORMANCE VERIFICATION

- 1. PRE SOD/SEED INSTALLATION - CONTRACTOR TO HIRE AN IRRIGATION AUDITOR TO CONDUCT A CATCH CAN TEST OF ALL ROTOR ZONES OF SPORTSFIELD/PARK AREAS. TEST RESULTS TO BE NOTED AND RECORDED AT EACH CATCH CAN. BASED ON IRRIGATION AUDITORS REPORT, ADJUSTMENTS TO HEAD LAYOUT OR NOZZLING MUST BE MADE PRIOR TO THE INSTALLATION OF SOD OR SEED. ALL FINDINGS MUST BE SENT TO THE LANDSCAPE ARCHITECT.
- 2. PER MWEO, IRRIGATION HEADS MUST BE PLACED SO THAT HARDSCAPED AREAS DRAIN TOWARD LANDSCAPED AREAS, AND WITH NO OVERSPRAY. OTHERWISE A SETBACK FROM HARDSCAPE OF 24" MINIMUM IS REQUIRED.
- 3. ALL LANDSCAPE AUDITS SHALL BE CONDUCTED BY A THIRD PARTY CERTIFIED LANDSCAPE IRRIGATION AUDITOR.
- 4. THE PROJECT APPLICANT SHALL SUBMIT AN IRRIGATION AUDIT REPORT WITH THE CERTIFICATE OF COMPLETION TO THE RESPONSIBLE LOCAL AGENCY PER WELO REQUIREMENTS.

MAINTAINING THE SYSTEM IN PROPER WORKING ORDER.

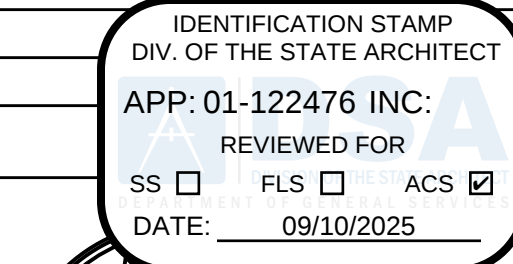
- 14. ALL AUTOMATIC CONTROLLERS WILL BE PROGRAMMED TO APPLY WATER DURING HOURS AS PERMITTED BY LOCAL TOWN, CITY OR COUNTY ORDINANCES.

IRRIGATION SYSTEM REPAIR

- 1. CLEANING AND ADJUSTING THE SPRINKLERS HEADS ARE THE MAINTENANCE CONTRACTOR'S RESPONSIBILITY. REPAIR AND/OR REPLACEMENT OF ANY VANDALIZED OR MALFUNCTIONING COMPONENT BEYOND MAINTENANCE CONTRACTOR'S CONTROL IS THE RESPONSIBILITY OF THE OWNER/AGENT. ANY DAMAGE CAUSED BY MAINTENANCE CONTRACTOR WILL BE REPAIRED BY MAINTENANCE CONTRACTOR AT NO COST TO THE OWNER/AGENT.
- 2. ALL IRRIGATION REPAIRED OR REPLACED MUST BE IN ACCORDANCE WITH THE ORIGINAL IRRIGATION DESIGN, LOCAL CITY OR COUNTY GUIDELINES AND MUST PROVIDE THE MAXIMUM EFFICIENCY AS POSSIBLE SO AS NOT TO WASTE WATER.
- 3. ALL DAMAGED AND REPAIRED PIPE MUST BE FLUSHED OF ALL DEBRIS. MAINTENANCE CONTRACTOR TO GUARANTEE FULL OPERATIONAL AND EFFICIENT PERFORMANCE OF REPAIRED SYSTEMS.
- 4. OREPAIRS TO BACKFLOW PREVENTION DEVICES MUST BE CONDUCTED BY A TRAINED CERTIFIED BACKFLOW TECHNICIAN.
- 5. IT IS RECOMMENDED THAT ALL IRRIGATION MAINTENANCE AND REPAIR BE PERFORMED BY CALIFORNIA LICENSED AND/OR CERTIFIED CONTRACTOR. NOT MAINTAINING IRRIGATION SYSTEMS IN AN EFFICIENT MANNER WILL RESULT IN PLANT AND LANDSCAPE DEGRADATION AND ADDITIONAL MAINTENANCE COSTS.

IRRIGATION SYSTEM WINTERIZATION

- 6. WHERE APPLICABLE, SHUT OFF AND DRAIN IRRIGATION SYSTEM(S) AT THE END OF THE IRRIGATION SEASON. TURN OFF ALL MAIN SUPPLY VALVES, OPEN ALL MANUAL DRAIN VALVES, AND BLEED VALVES ON BACKFLOW PREVENTION DEVICES. PERFORM WINTERIZATION PRIOR TO NOVEMBER 1ST.
- 7. IRRIGATION START UP
- 8. FLUSH ALL DRIP LINES AT FLUSH POINTS.
- 9. REMOVE AND CLEAN ALL FILTERS AND REPLACE ANY DAMAGED FILTERS.
- 10. CHECK THAT ALL WEATHERS SENSORS ARE FUNCTIONING AND REPLACE BATTERIES AS NEEDED.



STAMP: 7/21/25

IRRIGATION NOTES

No.	Revision/Issue	Date



Project Name and Address
MARTIN LUTHER KING JR HIGH SCHOOL
950 EL PUEBLO AVE.
PITTSBURG, CA 94565

Project Number 576-2025	Sheet #
Date 07/21/2025	IR1.2
Drafted By AJBB	Of Total 9 Sheets

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- It is the responsibility of the Maintenance Contractor to operate the irrigation system in an efficient manner and to minimize water waste. It is the Maintenance Contractor's responsibility to adjust the system to apply water in accordance with plant requirements based on weather, soil, and site conditions. The irrigation program shall be scheduled to minimize water waste through runoff, excessive irrigation run times, utilize CYCLE SOAK scheduling when applicable. It is the responsibility of the Maintenance Contractor to operate the irrigation system based on local municipal guidelines.

- Activate irrigation system in spring (or when weather permits). Charge mainline in February or March to check for leaks and/or malfunctioning valves.
- Turn on backflow preventers, open gate valves and activate booster pumps if installed.
- Set the irrigation controller to RUN MODE and verify that all programs are activated and set up to be run in Self Adjusted mode.
- Site verification and adjustments. This includes turning on each zone, monitoring for leaks or malfunctioning parts, cutting grass away from sprinkler heads and adjusting sprinklers for proper arc and maximum efficiency.
- Verify that drip irrigation is functional and that distribution tubing has not been cut or broken during non operational period.
- Service, clean and adjust and weather sensor system. This is critical for ALL self adjusting controllers.
- If applicable service irrigation booster pump, this need to be completed by the manufacturers certified technician.

- Check the ET/Weather Based self adjusting system programming, Flow Sensor and Master Valve operation and programming; adjust as required to ensure proper operation.
- ALL Backflow Prevention Devices are to be maintained as per Local city or county codes.
- All turf areas shall be monitored to determine the need for supplemental irrigation. Frequency and duration of each watering will be dependent on local weather conditions. To determine the need for watering, Landscape Maintenance Contractor shall use a soil probe to examine the first 6-12" of the soil profile. If the soil is cool, damp and holds its shape, watering is not necessary. Plant material roots should be encourage to root as deep as possible, this is accomplished by deep root watering, longer irrigation run times and utilizing CYLCE SOAK method. Frequent shallow irrigation scheduling is ineffective and will only promote shallow rooting and require excessive water waste.

- Cleaning and adjusting the sprinklers heads are the Maintenance Contractor's responsibility. Repair and/or replacement of any vandalized or malfunctioning component beyond Maintenance Contractor's control is the responsibility of the Owner/Agent. Any damage caused by Maintenance Contractor will be repaired by Maintenance Contractor at no cost to the Owner/Agent.
- All irrigation repaired or replaced MUST be in accordance with the original irrigation design, local city or county guidelines and must provide the maximum efficiency as possible so as NOT to waste water.
- ALL Drip systems are to be manually flushed a minimum one time per year and filters to be cleaned on a regular basis.
- All damaged and repaired pipe MUST be flushed of all debris. Maintenance Contractor to guarantee full operational and efficient performance of repaired systems.
- Repairs to Backflow Prevention Devices must be conducted by a trained certified backflow technician.
- It is recommended that ALL irrigation maintenance and repair be performed by California Licensed and/or Certified contractor. Not maintaining irrigation systems in an efficient manner will result in plant and landscape degradation and additional maintenance costs.

- Where applicable, shut off and drain irrigation system(s) at the end of the irrigation season. Turn off all main supply valves, open all manual drain valves, and bleed valves on backflow prevention devices. Perform winterization prior to November 1st.

- Flush all drip lines at flush points.
- Remove and clean all filters and replace any damaged filters.
- Check that all weather sensors are functioning and replace batteries as needed.

DRIP LINE CHART					
GPH	GPM	SPACING	SQUARE FOOTAGE	FLOW GPM	PRECIP RATE
0.27	0.0045	12x12	100	0.44	0.42
0.27	0.0045	12x18	100	0.29	0.28
0.27	0.0045	12x24	100	0.22	0.21
0.27	0.0045	18x18	100	0.19	0.19
0.27	0.0045	18x24	100	0.13	0.14
0.27	0.0045	24x24	100	0.11	0.1
0.4	0.066	12x12	100	0.65	0.64
0.4	0.066	12x18	100	0.43	0.43
0.4	0.066	12x24	100	0.33	0.32
0.4	0.066	18x18	100	0.29	0.29
0.4	0.066	18x24	100	0.20	0.21
0.4	0.066	24x24	100	0.16	0.16
0.6	0.01	12x12	100	0.99	0.96
0.6	0.01	12x18	100	0.66	0.64
0.6	0.01	12x24	100	0.50	0.48
0.6	0.01	18x18	100	0.44	0.43
0.6	0.01	18x24	100	0.33	0.32
0.6	0.01	24x24	100	0.25	0.24
0.9	0.015	12x12	100	1.48	1.44
0.9	0.015	12x18	100	0.99	0.96
0.9	0.015	12x24	100	0.75	0.72
0.9	0.015	18x18	100	0.66	0.64
0.9	0.015	18x24	100	0.50	0.48
0.9	0.015	24x24	100	0.38	0.36

WETTED AREA OF SOIL TYPES				LEGEND	
SOIL TYPE	Cr (FT)	SOIL TYPE	Cr (FT)		
CLAY	1.0	LOAM	0.7	Cr	Soil Coefficient
CLAY LOAM	1.0	LOAMY SAND	0.4	TW _r	Total Wetted Area
COURSE SAND	0.2	SANDY LOAM	0.6	WA	Wetted Area
FINE SAND	0.3	SILT LOAM	0.9		

SOIL TYPE	BASIC INFILTRATION RATE
SANDY	Less than 1.5"/hr
SANDY LOAM	.75 - 1.25"/hr
LOAM	.75"/hr
CLAY LOAM	.40"/hr
CLAY	.20"/hr

TREE RINGS 12" O.C. EMITTER SPACING, MIN. LF RINGS PER TREE						
RADIUS	CIRCUMF.	TOTAL LF	FLOW RATE	TOTAL FLOW	PRECIP RATE	TOTAL FLOW/RING COUNT
18"	3.14"DIA	9.42	0.6 GPH	5 GPH	0.96"/HR	3 RINGS@ .6 GPH = 29 GPH
30"	3.14"DIA	15.7	0.6 GPH	9 GPH	0.96"/HR	4 RINGS@ .6 GPH = 47 GPH
48"	3.14"DIA	25.12	0.6 GPH	15 GPH	0.96"/HR	
60"	3.14"DIA	31.4	0.6 GPH	18 GPH	0.96"/HR	
18"	3.14"DIA	9.42	0.9 GPH	7.5 GPH	1.44"/HR	3 RINGS@ .9 GPH = 42.5 GPH
30"	3.14"DIA	15.7	0.9 GPH	13 GPH	1.44"/HR	4 RINGS@ .9 GPH = 69.5 GPH
48"	3.14"DIA	25.12	0.9 GPH	22 GPH	1.44"/HR	
60"	3.14"DIA	31.4	0.9 GPH	27 GPH	1.44"/HR	

Formula A	$96.25 \times \text{GPH} / 60 / \text{Wetted Area} \times \text{Cr}$
Formula B	$1.605 \times \text{GPH} / \text{Wetted Area} \times \text{Cr}$

PRECIPITATION RATES & SOIL INTAKE RATES

California Water Efficient Landscape Worksheet									
Reference Evapotranspiration (ET _a)		49.2		Project Type		Non Residential		0.45	
Rain Fall (Inches)				Useable Rain Fall (Inches)		0			
Hydrozone # / Planting Description ^a	Plant Factor (PF)	Irrigation Method ^d	Irrigation Efficiency (IE) ^e	ETAF (PF/IE)	Landscape Area (Sq. Ft.)	ETAF x Area	Estimated Total Water Use (ETWU) ^f	Gallons Per Minute GPM	% Landscape Area
Zone# Regular Landscape Areas									
1	TURF	0.5	ROTORS	0.75	0.67	0	0	0.00	0%
					Totals	0	0	0.00	0%
Special Landscape Areas									
SLA	CS TURF			1	132242	132242	4033910		100%
			1	0	0		0%		
			1	0	0		0%		
			1	0	0		0%		
			1	0	0		0%		
					Totals	132242	132242	4033910	100.00%
							ETWU Total	4033910	
							Maximum Allowed Water Allowance (MAWA) ^g	4033910	100.00%

ETAF Calculations		Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.	ETWU ACRE FEET	12.379615
Regular Landscape Areas			MAWA ACRE FEET	12.379615
Total ETAF x Area	0			
Total Area	0			
Average ETAF	0.45		% ETWU of MAWA	1.00
All Landscape Areas			PASS:	YES

SUMMARY HYDROZONE	
HYDROZONE	AREA SQ FEET
HIGH WATER USE	
MODERATE WATER USE	
LOW WATER USE	
SLA	132242
TOTAL SF	132242

Adjustment Factor	Residential	0.55	Non Residential	0.45
^a Hydrazone # / Planting Description e.g.				
1) Front lawn				
2) Low water use planting				
3) Medium water use planting				
^b Irrigation Method				
1) Overhead Spray (Rotors, Spray, Precision Nozzles, Rotator Nozzles)				
2) Drip (Point Source, Bubblers, Inline)				
^c Irrigation Efficiency				
1) 0.75 for Overhead Spray				
2) 0.81 for Drip				
^d ET _W (Annual Gallons Required) = $E_{to} \times 0.62 \times ETAF \times Area$ Where 0.62 is a conversion factor to change acre-inches per acre per year to gallons square foot per year				
^e MAWA (Annual Gallons Allowed) = $(Eto-EPPT)(X) \div 0.62 \text{ [ETAF} \times LA + (1 - (ETAF \times SLA))$ Where 0.62 is a conversion factor to change acre-inches per acre per year to gallons square foot per year. LA is the total regular landscape area in square feet, SLA is the special landscape area in square feet, and ETAF is 0.55 for residential areas and 0.45 non-residential areas				

Site Adjustment Factor	
Residential	0.55
Non Residential	0.45

0.81	Drip	
0.81	Bubblers	
0.81	Micro Spray	
0.75	Spray	
0.75	Rotary Nozzle	
0.75	Rotor	

MWELO CALCULATIONS

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 01-122476 INC: REVIEWED FOR SS ☐ FLS ☐ ACS ☒ DATE: 09/10/2025		
 STAMP: 7/21/25		
MAWA-WATER USE CALCULATIONS		
No.	Revision/Issue	Date
Firm Name and Address		
 LIC# 1012730—IA CERTIFICATION # 57436 PITTSBURG, CA 94565		
Project Name and Address		
MARTIN LUTHER KING JR HIGH SCHOOL 950 EL PUEBLO AVE. PITTSBURG, CA 94565		
Project Number 576-2025	IR1.3	
Date 07/21/2025		
Drafted By AJBB	Of Total 9 Sheets	