FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT

PLAYGROUND REPLACEMENT AT

CRESCENT ELEMENTARY SCHOOL

SYMBOLS

DRAFTING ITEMS

- DATUM - CONTROL POINT
- DIMENSION LINE AND TICK
- MATCHLINE - SEE: 1 / A101
- BREAK LINE
- 01.23.A KEYNOTE
- Name / Elevation PROJECT LEVEL MARKER
- 0 COLUMN GRID MARKER
- REVISION CLOUD
- CMNT # REVISION TAG
- PROJECT NORTH PROJECT NORTH ARROW

VIEW REFERENCES

- 1 / A101 SIM — VIEW REFERENCE / SHEET REFERENCE
- 1 / A101 SIM — DETAIL VIEW
- TYP. 1 / A101 — SECTION VIEW
- 1 / A101 SIM — ENLARGED VIEW
- 1A / A-101 — INTERIOR ELEVATION / VIEW REFERENCE / SHEET REFERENCE
- 99 / A1-100 EXTERIOR ELEVATION

ABBREVIATIONS

@	AT	ID	INSIDE DIAMETER
℄	CENTER LINE	INSUL	INSULATION OR INSULATED
¢	PENNY	INV	INVERT
#	POUND	LAV	LAVATORY
⊥	PERPENDICULAR	MATL	MATERIAL
∠	ANGLE	MAX	MAXIMUM
AB	ANCHOR BOLT	MB	MACHINE BOLT
AC	ASPHALTIC CONCRETE	MECH	MECHANICAL
ACT	ACOUSTICAL CEILING TILE	MFR	MANUFACTURE OR MANUFACTURER
AFF	ABOVE FINISH FLOOR	MH	MAN HOLE
ALT	ALTERNATE	MIN	MINIMUM
ALUM	ALUMINUM	MISC	MISCELLANEOUS
ANOD	ANODIZED	MO	MASONRY OPENING
APPROX	APPROXIMATE	N	NORTH
ARCH	ARCHITECT OR ARCHITECTURAL	(N)	NEW
BD	BOARD	NIC	NOT IN CONTRACT
BLDG	BUILDING	NO OR #	NUMBER
BLK(G)	BLOCK(ING)	NTS	NOT TO SCALE
BOB	BOTTOM OF BEAM	OC	ON CENTER
BM	BEAM	OD	OUTSIDE DIAMETER
CB	CATCH BASIN	OPNG	OPENING
CI	CAST IRON	PL	PLATE OR PROPERTY LINE
CJ	CONSTRUCTION JOINT	PLAM	PLASTIC LAMINATE
CLG	CEILING	PLAS	PLASTER (NUMBER - SEE SPECS)
CLR	CLEAR	PLYWD	PLYWOOD
CMU	CONCRETE MASONRY UNIT	PNT	PAINT (NUMBER - SEE SPECS)
CO	CLEAN OUT	PTDF	PRESSURE TREATED DOUGLAS FUR
COL	COLUMN	QT	QUARRY TILE
CONC	CONCRETE	RD	ROOF DRAIN
CONT	CONTINUOUS	REF	REFRIGERATOR
CSK	COUNTERSINK	REINF	REINFORCE OR REINFORCING
CW	COLD WATER	RH	ROUND HEAD
C	CHANNEL	RM	ROOM
DBL	DOUBLE	RO	ROUGH OPENING
DEPT	DEPARTMENT	RWD	REDWOOD
DET	DETAIL	S	SOUTH
DF	DRINKING FOUNTAIN	SCH	SCHEDULE
DIA	DIAMETER	SD	STORM DRAIN
DIAG	DIAGONAL	SHR	SHOWER
DN	DOWN	SHT	SHEET
DS	DOWNSPOUT	SHTHG	SHEATHING
DWG	DRAWING	SIM	SIMILAR
E	EAST	SMACNA	THE ARCH SHEET METAL MANUAL
(E)	EXISTING	SPEC	SPECIFICATION
EB	EXPANSION BOLT	SQ	SQUARE
EJ	EXPANSION JOINT	SSTL	STAINLESS STEEL
ELEV	ELEVATION	STD	STANDARD
ELEC	ELECTRICAL)	STL	STEEL
EP	EDGE OF PAVING	SUSP	SUSPENDED
EQ	EQUAL	SYM	SYMMETRICAL
EQUIP	EQUIPMENT	TOB	TOP OF BEAM
FD	FLOOR DRAIN	TOC	TOP OF CURB OR TOP OF CONCRETE
FE(C)	FIRE EXTINGUISHER (& CABINET)	TCB	TOP OF CATCH BASIN
FF	FINISHED FLOOR	TEL	TELEPHONE
FG	FINISHED GRADE	TEMP	TEMPERATURE OR TEMPERED
FH	FLAT HEAD OR FIRE HYDRANT	T&G	TONGUE & GROOVE
FIN	FINISH	TP	TOP OF PAVING
FL	FLOW LINE	TS	STRUCTURAL TUBING
FLG	FLASHING	TV	TELEVISION
FLR	FLOOR	TOW	TOP OF WALL
FOC	FACE OF CONCRETE	TYP	TYPICAL (ITEMS TYPICAL UNLESS SHOWN
FOF	FACE OF FINISH		OR NOTED OTHERWISE)
FOM	FACE OF MASONRY	UON	UNLESS OTHERWISE NOTED
FOS	FACE OF STUD	VCT	VINYL COMPOSITION TILE
FRP	FIBERGLASS REINFORCED PANEL	VERT	VERTICAL
FT	FOOT OR FEET	VGDF	VERTICAL GRAIN DOUGLAS FIR
FTG	FOOTING	VTR	VENT THRU ROOF
GA	GAUGE	W	WEST
GALV	GALVANIZED	WC	WATER CLOSET
GB	GRAB BAR, GRADE BREAK	W.C.	WHEELCHAIR ACCESSIBLE
GL	GLASS	WD	WOOD
GLB	GLUE LAMINATED BEAM	WF	WIDE FLANGE
GYP	GYPSUM	WH	WATER HEATER
GWB	GYPSUM WALL BOARD	WP	WATERPROOF
HB	HOSE BIBB	WS	WOOD SCREW
HDR	HEADER	WSCT	WAINSCOT
HGT	HEIGHT	WWF	WELDED WIRE FABRIC
HORIZ	HORIZONTAL	W/	WITH
HTR	HEATER	W/O	WITHOUT
HVAC	HEATING/VENTILATING/AIR CONDITIONING		

GENERAL PROJECT NOTES - K12

1. ALL WORK SHALL CONFORM TO 2022 TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR).
2. THE PROJECT MANUAL AND SPECIFICATIONS IN CONJUNCTION WITH THESE DRAWINGS AND REFERENCES SHALL FORM A PART OF THE CONTRACT AND SHALL BE REFERRED TO AS THE "DOCUMENTS." THE DOCUMENTS DEFINE THE WORK TO BE PERFORMED AS AGREED TO IN THE CONTRACT
3. CHANGES TO APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1, T24 CCR.
4. A DSA CERTIFIED **INSPECTOR CLASS 3** SHALL BE EMPLOYED BY THE DISTRICT AND SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTION ARE DEFINED IN SECTION 4-342, PART 1, T24, CCR.
5. APPARENT DISCREPANCIES ON DRAWINGS AND/OR SPECIFICATIONS SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
6. ANY DIFFERENCE BETWEEN THE EXISTING CONSTRUCTION AS OBSERVED IN THE FIELD AND AS SHOWN ON THE DRAWING SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND COORDINATING DIMENSIONS.
8. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE THAT ALL APPLICABLE SAFETY LAWS ARE STRICTLY ENFORCED AND TO MAINTAIN A SAFE CONSTRUCTION PROJECT.
9. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE SUPERVISION OF THE CONSTRUCTION WORK TO ENSURE THAT IT IS BUILT IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. THE ARCHITECT WILL PROVIDE ONLY PERIODIC OBSERVATION OF THE WORK. SEE NOTE 4 FOR DSA INSPECTION REQUIREMENTS.
10. ANY DAMAGE DONE TO THE EXISTING CONSTRUCTION DURING THE COURSE OF THIS WORK SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE WITH NO ADDITIONAL COST TO THE OWNER.
11. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD & ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
12. THE SEISMIC ANCHORAGE OF MECHANICAL AND ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, 2022 CBC SECTION 1616A.1.19 AND ASCE-7-16 SECTION 13.6 ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT SHALL BE SHOWN ON PLANS.
13. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN THE DRAWINGS OR ACCEPTED BY THE ARCHITECT AND THE STRUCTURAL ENGINEER WITH THE APPROVAL OF DSA REPRESENTATIVE. ALL WELDING SHALL BE SPECIALLY INSPECTED BY AN AWS-CWI QUALIFIED INSPECTOR APPROVED BY DSA. ALL BRACING OF DUCTS AND PIPING SHALL BE INSTALLED AS APPROVED BY DSA. WHERE BRACING DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT, MECHANICAL ENGINEER AND FIELD ENGINEER. A COPY OF THE DRAWINGS APPROVED BY DSA SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB AT ALL TIMES.
14. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANGE DOCUMENT, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
15. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
16. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COMPLY WITH CFC CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.
17. DO NOT SCALE DRAWINGS, DIMENSIONS SHOWN SHALL TAKE PRECEDENCE OVER DRAWING SCALE.WHENEVER DSA FINDS ANY CONSTRUCTION WORK IS BEING PERFORMED IN A MANNER CONTRARY TO THE PROVISIONS OF THE CALIFORNIA BUILDING CODE AND THAT WOULD COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING, THE DEPARTMENT OF GENERAL SERVICES, STATE OF CALIFORNIA, IS AUTHORIZED TO ISSUE A STOP WORK ORDER PER SECTION 4-334.1 CALIFORNIA ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR).
18. TITLE 24 PARTS 1-5 AND 9 MUST BE KEPT ON SITE DURING CONSTRUCTION
19. ALL STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING MATERIALS INSTALLATION TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S RECOMMENDATIONS.
20. PROJECT INSPECTION (PI) SHALL WITNESS AND VERIFY GROUNDING.

PROJECT DESCRIPTION

THE PROPOSED PROJECT CONSISTS OF THE REPLACEMENT OF PLAYGROUND AND TWO (2) PLAY STRUCTURES.

- REPLACE AGING RUBBERIZED MATTING SURFACE REPLACEMENT WITH CUSHIONED SYNTHETIC SURFACE AT (2) PLAYGROUNDS.
- INSTALLATION OF FLUSH CONCRETE CURB FOR ADA AT ASPHALT PAVEMENT TO PLAYGROUNDS TRANSITION.
- PROVIDE SD INLETS AND CONNECT TO (E) SD

ACCESSIBILITY UPGRADES:

- REPLACE/MODIFY (E) FENCE GATE TO ADA COMPLIANT ONE. IMPROVE ASPHALT PAVEMENT FOR ADA.
- ALTERATION TO (1) PARKING STALL ADJUSTING IT FOR LENGTH AND POT CONNECTION TO NEAREST SIDEWALK.
- IMPROVE ASPHALT PAVEMENT FOR ADA .
- REPAVE ENTIRE EXISTING PLAYGROUND AREA AT KINDER PLAT PLAY AREA.

NOTE: ADA IMPROVEMENTS WILL BE LIMITED TO 20% OF CONSTRUCTION COST

DEFERRED APPROVALS

NONE.

APPLICABLE CODES & STANDARDS

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2023*

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 1
2022 CALIFORNIA BUILDING CODE (CBC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2
(2021 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ELECTRICAL CODE (CEC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3
(2021 NATIONAL ELECTRICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA MECHANICAL CODE (CMC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 4
(2021 IAPMO UNIFORM MECHANICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA PLUMBING CODE (CPC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 5
(2021 IAPMO UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ENERGY CODE (CEC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 6
2022 CALIFORNIA FIRE CODE (CFC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 9
(2021 INTERNATIONAL FIRE CODE AND 2022CALIFORNIA AMENDMENTS)
2022 CALIFORNIA EXISTING BUILDING CODE (CEBC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 10
(2021 INTERNATIONAL EXISTING BUILDING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11
2022 CALIFORNIA REFERENCED STANDARDS CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 12
(PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS)
2022 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS
(PER 2022 CBC PART 2 CH 35)
CAL/OSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

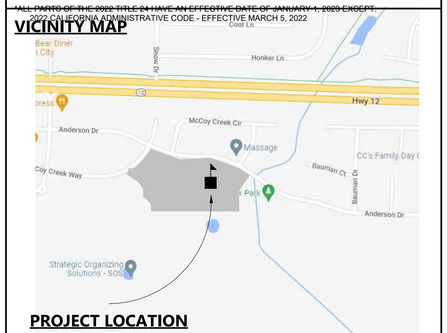
PARTIAL LIST OF APPLICABLE STANDARDS

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80. SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

NFPA 13-22 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
NFPA 14-19 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
NFPA 10-21 - STANDARD FOR PORTABLE FIRE EXTINGUISHERS
NFPA 12-15 - STANDARD ON CARBON DIOXIDE EXTINGUISHING SYSTEMS
NFPA 12A-18 - STANDARD ON HALON 1301 FIRE EXTINGUISHING SYSTEMS
NFPA 13-22 - STANDARD FOR INSTALLATION OF SPRINKLER SYSTEMS (AS AMENDED)
NFPA 17-21 - STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS
NFPA 17A-21 - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS
NFPA 20-19 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
NFPA 24-19 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (AS AMENDED)
NFPA 72-22 - NATIONAL FIRE ALARM AND SIGNALING CODE (AS AMENDED)
NFPA 80-19 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES
UL 300-2005(R2010) - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT
UL 464-03 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES
UL 521-99 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS
UL 1971-2002(R2010) - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED
ICC 300-17 - STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS

*ALL PARTS OF THE 2022 TITLE 24 HAVE AN EFFECTIVE DATE OF JANUARY 1, 2023 EXCEPT: 2022 CALIFORNIA ADMINISTRATIVE CODE - EFFECTIVE MARCH 5, 2022

VICINITY MAP



PROJECT LOCATION

CRESCENTE ELEMENTARY SCHOOL
1001 ANDERSON DR, SUISUN CITY, CA 94585

SHEET INDEX

SHEET #	SHEET NAME	REV #	DATE
1. OVERALL GENERAL INFORMATION			
G-001	TITLE SHEET		
GENERAL SHEETS TOTAL: 1			
2. CIVIL ENGINEERING			
C0.1	CIVIL COVER SHEET		
C0.2	TOPOGRAPHIC SURVEY		
C1.1	DEMOLITION PLAN		
C2.1	GRADING AND DRAINAGE PLAN		
C2.2	GRADING AND DRAINAGE PLAN		
C3.1 DETAILS	DETAILS		
CIVIL SHEETS TOTAL: 6			
4. ARCHITECTURAL DRAWINGS			
A-101	SITE PLAN & ACCESSIBILITY PLAN		
A-102	ENLARGED SITE PLAN - KINDER PLAYGROUND		
A-103	ENLARGED PLAN - ELEMENTARY PLAYGROUND		
A-104	KINDER PLAYGROUND DETAILS		
A-105	ELEMENTARY PLAYGROUND DETAILS		
A-106	STRIPING PLAN		
A-111	SITE DETAILS		
ARCHITECTURAL SHEETS TOTAL: 7			
OVERALL SHEET TOTAL: 14			

STATEMENT OF GENERAL CONFORMANCE

THE PC DRAWINGS SHEETS LISTED BELOW ON THE SHEET INDEX OF THIS COVER 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:

1) DESIGN INTENT, AND IT APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS, AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND
2) COORDINATION WITH MY PLANS AND SPECIFICATIONS, AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF EDUCATION CODE, AND SECTIONS 4-336, 4-341 AND 4-334 OF TITLE 24, PART 1 (*TITLE 24, PART 1, SECTION 4-317 (B)*).

I FIND THAT: ■ ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET
□ THIS DRAWING OR PAGE
■ IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN, AND
■ HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

02/09/2023
SIGNATURE DATE

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

MARIANA ALVAREZ PARGA
PRINT NAME

C-36107 01/31/25
LICENSE NUMBER EXPIRATION DATE

AGENCY APPROVAL DSA#

196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
SAN JOSE, CA 95126
TEL (408) 715-4470

CONSULTANTS

CIVIL ENGINEER
WARREN CONSULTING ENGINEERS
1117 WINDFIELD WAY, STE 110
EL DORADO HILLS, CA 95762
P: (916) 985-1870

PROFESSIONAL STAMP

LICENSED ARCHITECT — MARIANA ALVAREZ PARGA — C-36107 — RENEWAL 01 - 31 - 25 — STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

THE ARCHITECT DOES NOT REPRESENT THAT THESE PLANS OR THE SPECIFICATIONS ARE SUITABLE FOR ANY SITE OTHER THAN THE ONE FOR WHICH THEY WERE SPECIFICALLY PREPARED. THE ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.

PROJECT OWNER & TITLE

FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CRESCENT ES
1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE

TITLE SHEET

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.

G-001

DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/21/2023 4:29:26 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Crescent_A22_dvargasTH8BX.rvt

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AB	AGGREGATE BASE
AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
ASB	AGGREGATE SUB-BASE
BO	BLOW-OFF VALVE
BV	BUTTERFLY VALVE
BW	BACK OF WALK
C/L	CENTERLINE
CB	CATCH BASIN
CJ	CONTROL JOINT
CL	CLASS
CMP	CORRUGATED METAL PIPE
CATV	CABLE TELEVISION
CO	CLEANOUT
COMM	COMMUNICATION
CONC.	CONCRETE
CONST.	CONSTRUCT
CR	CURB RETURN
CS	CONCRETE SURFACE
DC	DOUBLE CHECK VALVE
DDC	DOUBLE DETECTOR CHECK VALVE
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
DS	DOWNSPOUT
E	ELECTRIC
EJ	EXPANSION JOINT
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
FS	FIRE SERVICE LINE
FDC	FIRE DEPARTMENT CONNECTION
FL	FLOWLINE
FM	SANITARY SEWER FORCE MAIN
FF	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
G	GAS
GB	GRADE BREAK
GR	GRATE ELEVATION
GRD	GRADE ELEVATION
GV	GATE VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	PIPE INVERT ELEVATION
JP	JOINT UTILITY POLE
LF	LINEAL FEET
LIP	LIP OF GUTTER
LT	LEFT
MS	MOWSTRIP
NTS	NOT TO SCALE
OH	OVERHEAD
PAD	BUILDING PAD
PCC	PORTLAND CEMENT CONCRETE
PD	PLANTER DRAIN
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
PP	POWER POLE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
R	RADIUS
RIM	MANHOLE RIM ELEVATION (SOLID COVER)
RP	REDUCED PRESSURE BACKFLOW PREVENTER
RW	RIGHT OF WAY
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SG	SUBGRADE ELEVATION
SP	FIRE SPRINKLER SERVICE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
S/W	SIDEWALK
T	TELEPHONE
TC	TOP OF CURB
TD	TRENCH DRAIN
TDCB	TRENCH DRAIN CATCH BASIN
TP	TELEPHONE POLE
TRW	TOP OF RETAINING WALL
TSW	TOP OF SEAT WALL
TW	TOP OF WALK ELEVATION
U	UTILITY
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
VCP	VITRIFIED CLAY PIPE
W	WATER
W/	WITH
W/O	WITHOUT
WV	WATER VALVE

LEGEND

NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

PROPOSED GRADING & DRAINAGE SYMBOLS:

- 8" SD — STORM DRAIN LINE (SIZE AND FLOW SHOWN)
- STORM DRAIN MANHOLE (SDMH)
- CATCH BASIN (CB)
- DROP INLET (DI)
- AREA DRAIN (AD)
- PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)
- CO — STORM DRAIN CLEANOUT
- 99.99 — ELEVATION
- FF=100.00 — FINISHED FLOOR ELEVATION
- PAD=99.33 — BUILDING PAD ELEVATION
- CONCRETE SIDEWALK
- GRADED DIRECTION FOR DRAINAGE FLOW
- SWALE
- SLOPE
- TREE TO BE REMOVED
- RETAINING WALL

PROPOSED SANITARY SEWER SYMBOLS:

- 6" SS — SANITARY SEWER LINE (SIZE AND FLOW SHOWN)
- SANITARY SEWER MANHOLE (SSMH)
- CO — SEWER CLEANOUT FLUSHER BRANCH

PROPOSED WATER SYMBOLS:

- 8" W — WATER LINE & SIZE
- 8" FS — FIRE LINE & SIZE
- 8" DW — DOMESTIC WATER LINE & SIZE
- 8" RW — RECLAIMED WATER LINE & SIZE
- 8" IRR — IRRIGATION SERVICE LINE & SIZE
- 8" NP — NON POTABLE WATER LINE & SIZE
- 8" SP — FIRE SPRINKLER SERVICE LINE & SIZE
- GATE VALVE
- M — WATER METER
- FH — FIRE HYDRANT ASSEMBLY
- FDC — FIRE DEPARTMENT CONNECTION
- DC — DETECTOR CHECK VALVE
- DDC — DOUBLE DETECTOR CHECK VALVE
- RP — REDUCED PRESSURE BACKFLOW PREVENTER
- BUTTERFLY VALVE
- 1" — AIR RELEASE VALVE + SIZE
- 1" — BLOW-OFF VALVE + SIZE
- PIV — POST INDICATOR VALVE

GENERAL NOTES

1. THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.
2. WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
3. IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
4. CONTRACTOR AGREES THAT HE/SHE 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 SHALL NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER 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 ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE NECESSARY PRE-CONSTRUCTION SITE REVIEWS TO DETERMINE NECESSARY MEANS AND METHODS TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS.
7. WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
9. IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
10. NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
11. SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
12. ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER MAINS.
13. CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION.
14. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
15. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
16. NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
17. WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
18. ALL CONTRACTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4 THE SLAB THICKNESS DEEP, BUT NO LESS THAN 1" FOR CONTROLLING OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS OUTSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
19. ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
20. 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION, AND A 6" FELT JOINT FOR A 6" SLAB SLAB CONSTRUCTION.
21. SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS, THEN THE CONCRETE SLAB SHALL BE SAWCUT AT THE NEAREST JOINTS ON EACH SIDE OF THE CRACK AND THE CONCRETE SECTION SHALL BE, REMOVED AND REPLACED. NEW CONCRETE SHALL BE DOWELED INTO EXISTING CONCRETE PER DRAWING DETAIL.
22. ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDROSEEDED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.
23. REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01. GALVANIZING PAINTS WILL NOT BE ALLOWED.

SHEET INDEX

C0.1	CIVIL COVER SHEET
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C2.2	GRADING AND DRAINAGE PLAN
C3.1	DETAILS

AGENCY APPROVAL DSA# X02-119910

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PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. TASSANO — NO. C74696 — STATE OF CALIFORNIA

REVISIONS

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PROJECT OWNER & TITLE

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2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CRESCENT ES

1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE

CIVIL COVER SHEET

DRAWN BY: MG JOB NUMBER: 22162

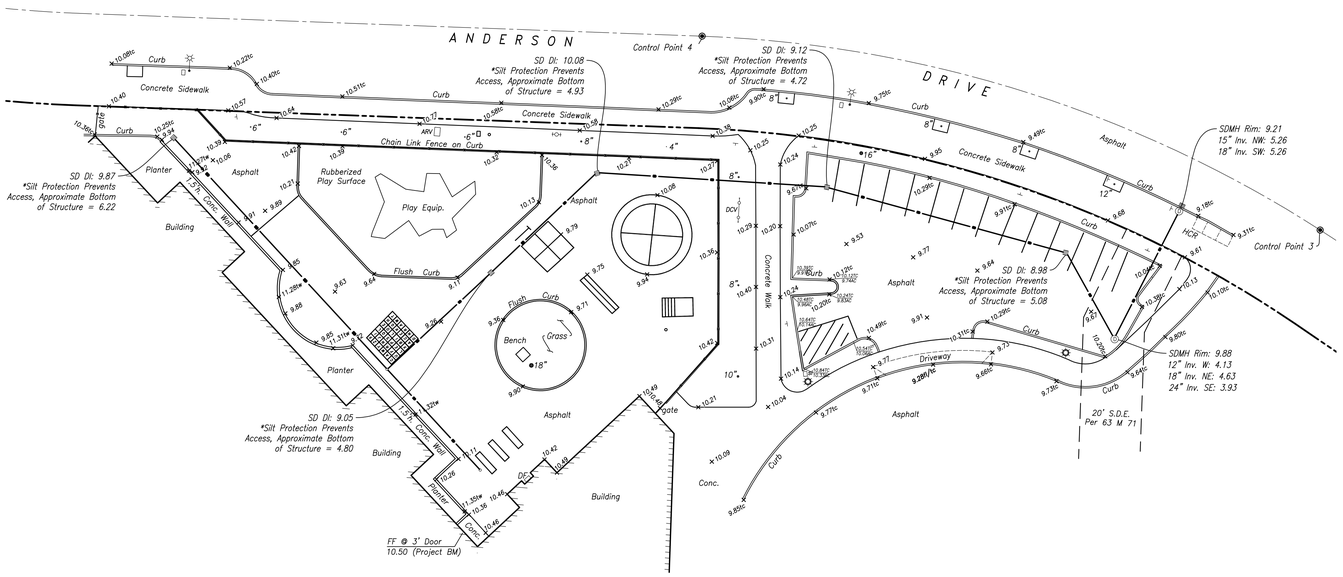
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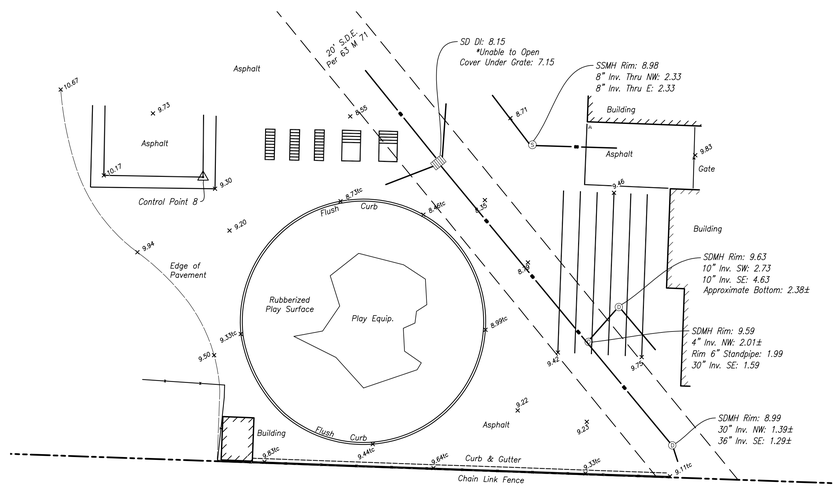
C0.1

DATE: JANUARY 31, 2023

CONSTRUCTION DOCUMENT

FILENAME: I:\22-203\CIVIL\DWG\22-203 C0.1.DWG





GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

General Notes:

1) All features shown hereon represent surface conditions of the project area as compiled from a ground survey conducted in November 2022. Underground storm drain lines were plotted with the aid of the original construction drawings; Surveyor made no other attempt to determine the extent or existence of remaining underground utilities or other features not surface visible.

2) Boundary information shown hereon is based upon found survey monumentation and record mapping. Easements are shown only to the extent depicted on existing record mapping; a title report was not reviewed as a part of this work and as such is intended for general reference only.

Datum Note:

Horizontal and Vertical datums are based upon information shown on the original construction drawings for the campus. Elevations are based upon the finish floor elevation of 10.50 as shown on the original construction drawing. Control points have been established and/or recovered as noted hereon to perpetuate the project datum for future use.

SURVEY CONTROL POINTS

DESIGNATION	NORTHING	EASTING	ELEVATION	DESCRIPTION
3	1034.60	11875.79	9.05	BRASS DISK IN WELL
4	1097.80	11674.28	9.48	BRASS DISK IN WELL
6	1118.10	11384.15	9.05	BRASS DISC IN WELL
8	790.25	11233.08	9.37	MAG NAIL

DATUM NOTE: Horizontal and Vertical Datums are based upon the original construction datums, elevations are based upon the existing building finish floor, taken at the project benchmark location shown heron.

Legend

Building Footprint		Bollard	☼	Site Light – Electrolier	
Boundary		Detector Check Valve		Storm Drain Cleanout	
Centerline		Drain Inlet		Storm Drain Manhole	
Concrete		Fire Department Connection	99.95	Spot Elevation	
Concrete Grade Break		Fire Hydrant		Street Light	
Curb & Gutter		Irrigation Box		Street Light Box	
Easement		Sanitary Sewer Manhole		Survey Control Point	
Edge of Pavement		Sign		Survey Monument	
Fenceline			12"	Tree Trunk / Diameter	
Underground Utility – Sanitary Sewer				Water Meter	
Underground Utility – Storm Drain				Water Valve	
Wall					

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2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CRESCENT ES

1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE

TOPOGRAPHIC SURVEY

DRAWN BY: MG JOB NUMBER: 22162

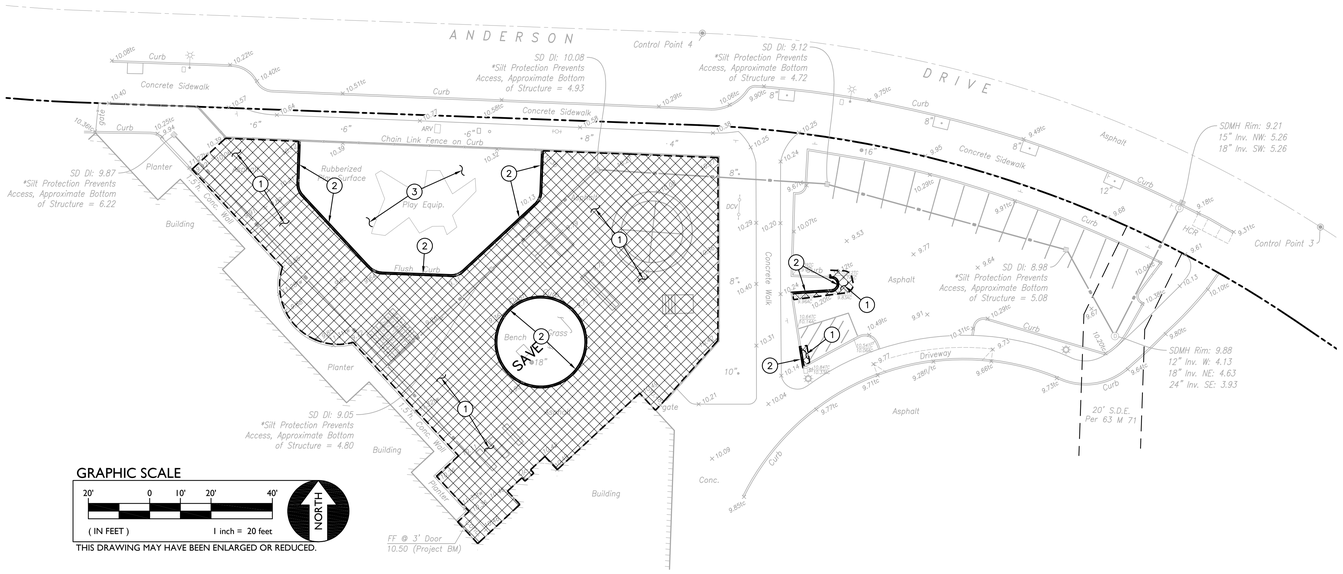
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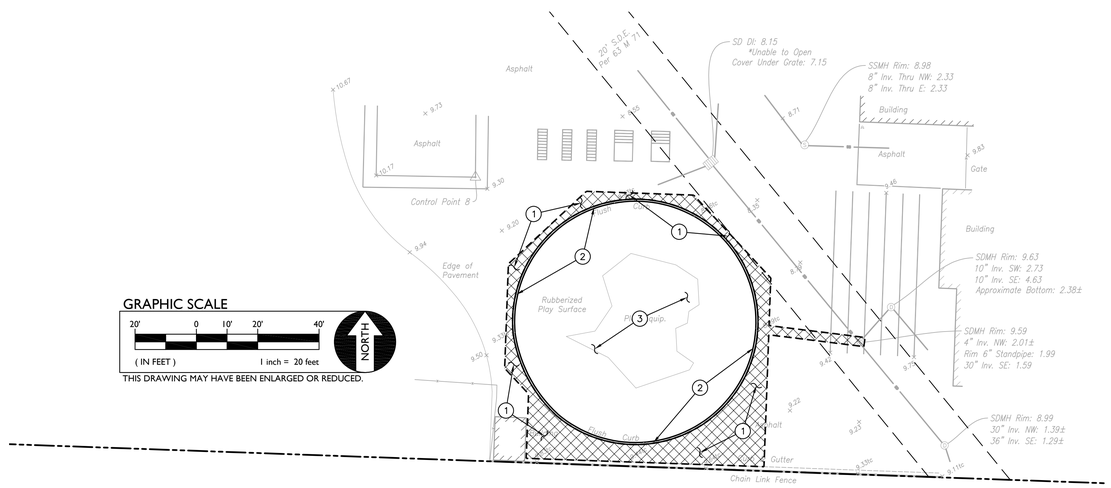
C0.2

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DEMOLITION GENERAL NOTES

1. REFER TO ARCHITECTURAL, LANDSCAPE, ELECTRICAL AND PLUMBING PLANS FOR ADDITIONAL DEMOLITION ITEMS.
2. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
3. ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
4. ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
5. ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
6. THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTENT.
7. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REPLACED WITH NEW BOX/COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
8. ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
9. EXISTING UTILITY STRUCTURES AND PIPING NOT SHOWN ON DEMOLITION PLAN TO BE REMOVED SHALL REMAIN AND BE PROTECTED.
10. SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS, HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.
11. PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.
12. WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.
13. COORDINATE REMOVAL OF LANDSCAPE ITEMS WITH LANDSCAPE PLANS.

DEMOLITION NOTES

1. REMOVE EXISTING PAVING, CURB AND AGGREGATE BASE.
2. REMOVE EXISTING CURB.
3. REMOVE PLAYGROUND SURFACING AND SUBGRADE.

AGENCY APPROVAL DSA# X02-119910

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2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CRESCENT ES

1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE

DEMOLITION PLAN

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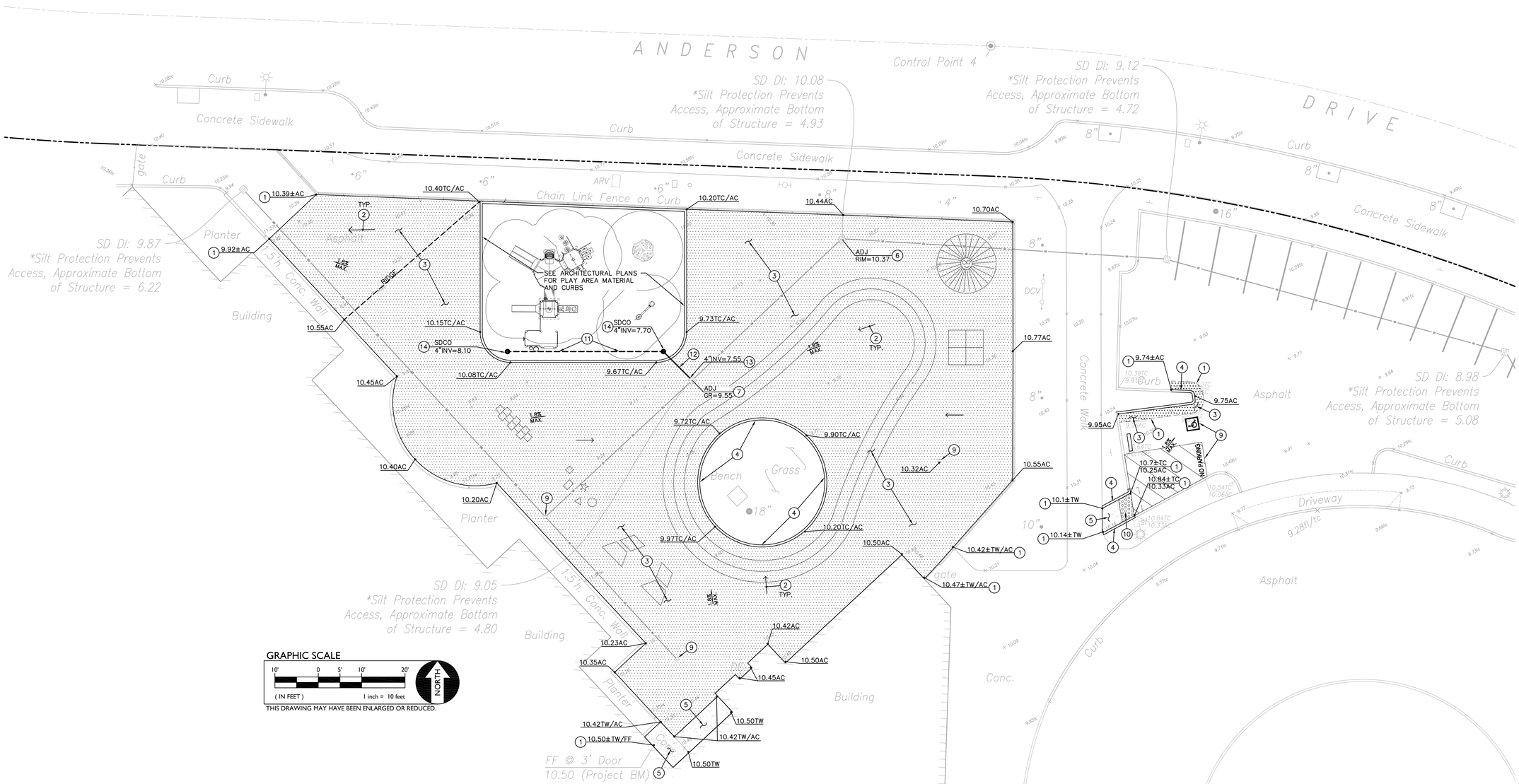
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C1.1

DATE: JANUARY 31, 2023

CONSTRUCTION DOCUMENT

FILENAME: I: \22-203\CIVIL\DWG\22-203 C1.1.DWG



GRAPHIC SCALE

10' 0 5' 10' 20'

(IN FEET) 1 inch = 10 feet

NORTH

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

GRADING AND DRAINAGE NOTES

1. MATCH EXISTING.
2. GRADE UNIFORMLY TO INLET.
3. PLACE 3" MIN. AC OVER 12" AB ON SUBGRADE PER SPECIFICATIONS.
4. CONSTRUCT CONCRETE CURB PER 2/C3.1
5. PLACE 4" PCC WITH NO. 3 BARS AT 18" O.C. EACH WAY OVER 6" AB COMPACTED TO 95% ON SUBGRADE PER SPECIFICATIONS. 1/C3.1
6. ADJUST INLET TO GRADE NOTED AND PROVIDE SOLID COVER.
7. ADJUST INLET TO GRADE NOTED AND RESET TRASH CAPTURE DEVICE.
8. PROVIDE ACCESSIBLE STRIPING PER 7/C3.1 8/C3.1 8/C3.1
9. PROVIDE NEW CLEANOUT BOX AND COVER PER 5/C3.1 SET TO FINISH GRADE.
10. PROVIDE CAST IN PLACE TRUNCATED DOMES PER 6/C3.1
11. PROVIDE 4" APPARATUS DRAIN PER 4/C3.1
12. PLACE 4" STORM DRAIN PER 3/C3.1
13. CONNECT TO EXISTING DRAIN INLET.
14. PROVIDE STORM DRAIN CLEANOUT PER SET TOP OB BOX AT SUBGRADE ELEVATION. 5/C3.1

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SHEET TITLE

GRADING AND DRAINAGE PLAN

DRAWN BY: MG JOB NUMBER: 22162

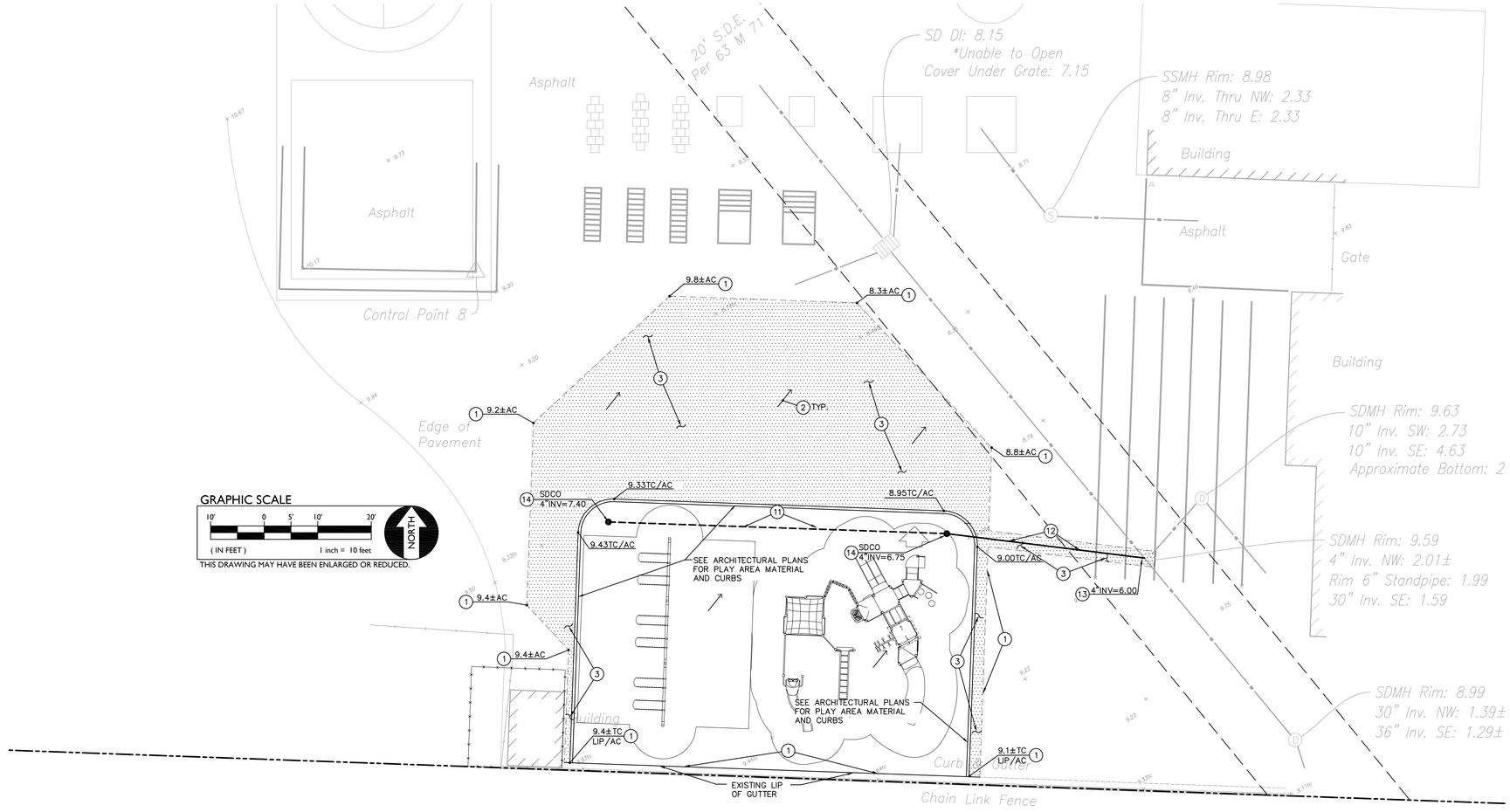
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C2.1

DATE: JANUARY 31, 2023

CONSTRUCTION DOCUMENT

FILENAME: I: \22-203\CIVIL\DWG\22-203 C2.1.DWG



GRAPHIC SCALE

10' 0 5' 10' 20'

(IN FEET) 1 inch = 10 feet

NORTH

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GRADING AND DRAINAGE NOTES

1. MATCH EXISTING GRADE/ELEVATION.
2. GRADE UNIFORMLY.
3. PLACE 3" AC OVER 12" AB COMPACTED TO 95% ON SUBGRADE PER SPECIFICATIONS.
11. PROVIDE 4" APPARATUS DRAIN PER (4 / C3.1)
12. PLACE 4" STORM DRAIN PER (3 / C3.1)
13. CONNECT TO EXISTING DRAIN INLET.
14. PROVIDE STORM DRAIN CLEANOUT PER SET TOP OB BOX AT SUBGRADE ELEVATION. (5 / C3.1)

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1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE

GRADING AND DRAINAGE PLAN

DRAWN BY: MG JOB NUMBER: 22162

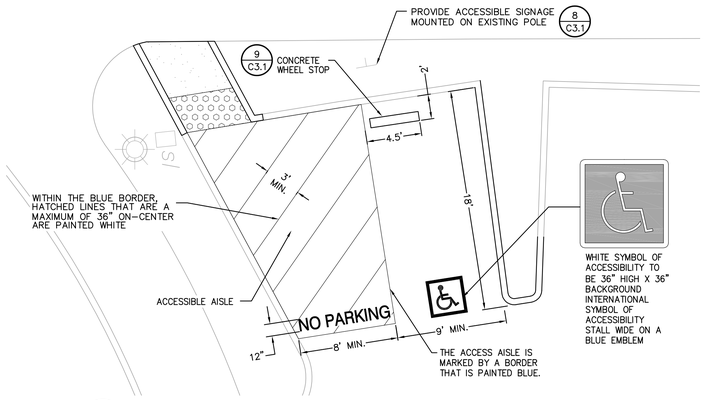
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C2.2

DATE: JANUARY 31, 2023

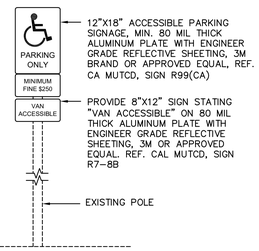
CONSTRUCTION DOCUMENT

FILENAME: I: \22-203\CIVIL\DWG\22-203 C2.1.DWG



7 C3.1 ACCESSIBLE PARKING

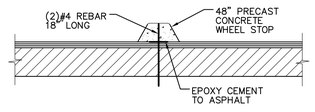
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PARKING SIGNAGE MOUNTED ON EXISTING POLE

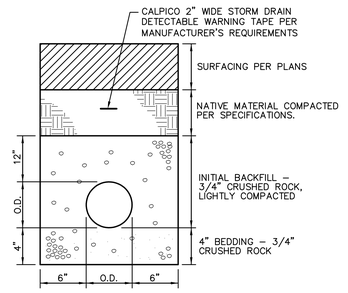
8 C3.1

NO SCALE



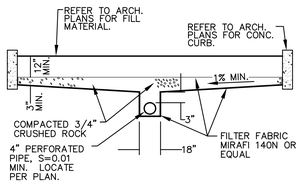
9 C3.1 CONCRETE WHEEL STOP

NO SCALE



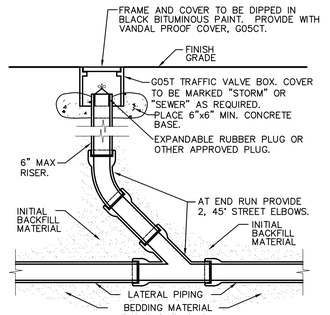
3 C3.1 STORM DRAIN TRENCH

NO SCALE



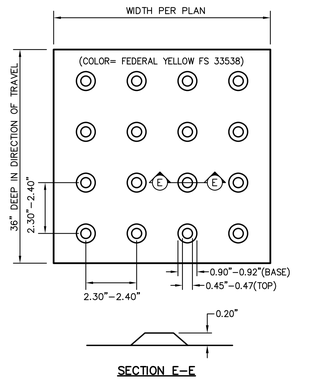
4 C3.1 APPARATUS SUBDRAIN

NO SCALE



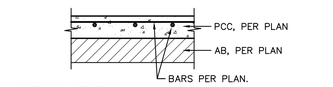
5 C3.1 CLEANOUT

NO SCALE

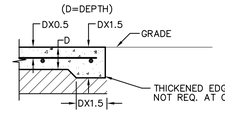


6 C3.1 TRUNCATED DOMES

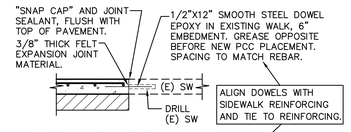
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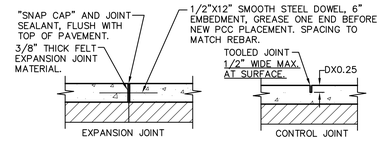
TYPICAL SECTION



TYPICAL THICKENED EDGE



CONNECTION TO (E) CONCRETE



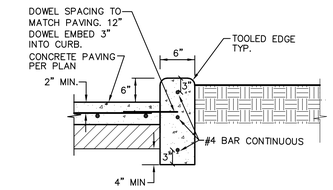
TYPICAL JOINTS

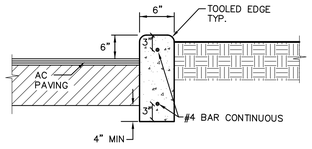
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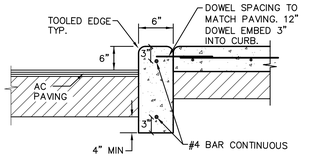
1. PROVIDE FELT EXPANSION JOINTS AT 20 FEET O.C. MAX. SEE PLAN FOR LAYOUT.
2. PROVIDE CONTROL JOINTS AT 10 FEET O.C. MAX. SEE PLAN FOR LAYOUT.
3. EXPANSION OR CONTROL JOINTS SHALL NOT EXCEED 1/2" IN SURFACE WIDTH.

1 C3.1 CONCRETE SIDEWALK

NO SCALE







NOTES:

1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. MAXIMUM PROVIDE CONTROL JOINTS AT 10 FEET O.C. MAXIMUM, EXCEPT WHEN PLACING ADJACENT TO CONCRETE WALKS THE EXPANSION JOINTS SHALL ALIGN WITH THE EXPANSION JOINTS SHOWN FOR THE CONCRETE WALKS.
2. AT E.J. USE 1/2"X24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

2 C3.1 CONCRETE CURB

NO SCALE

AGENCY APPROVAL DSA# X02-119910

196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
SAN JOSE, CA 95126
TEL (408) 715-4470

WCE
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

CONSULTANTS

CIVIL ENGINEER
Warren Consulting Engineers, Inc.
1117 Windfield Way, Suite 110
El Dorado Hills, CA 95762
TEL (916) 985-1870

LANDSCAPE ARCHITECT
MTW GROUP
10411 OLD PLACERVILLE ROAD, STE 205
SACRAMENTO, CA 95827
P: 99160 369-3990

PROFRESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER ANTHONY J. TASSANO NO. C74686 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

THE ARCHITECT DOES NOT REPRESENT THAT THESE PLANS OR THE SPECIFICATIONS ARE SUITABLE FOR ANY SITE OTHER THAN THE ONE FOR WHICH THEY WERE SPECIFICALLY PREPARED. THE ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE

PROJECT OWNER & TITLE

FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CRESCENT ES

1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE

DETAILS

DRAWN BY: MG JOB NUMBER: 22162

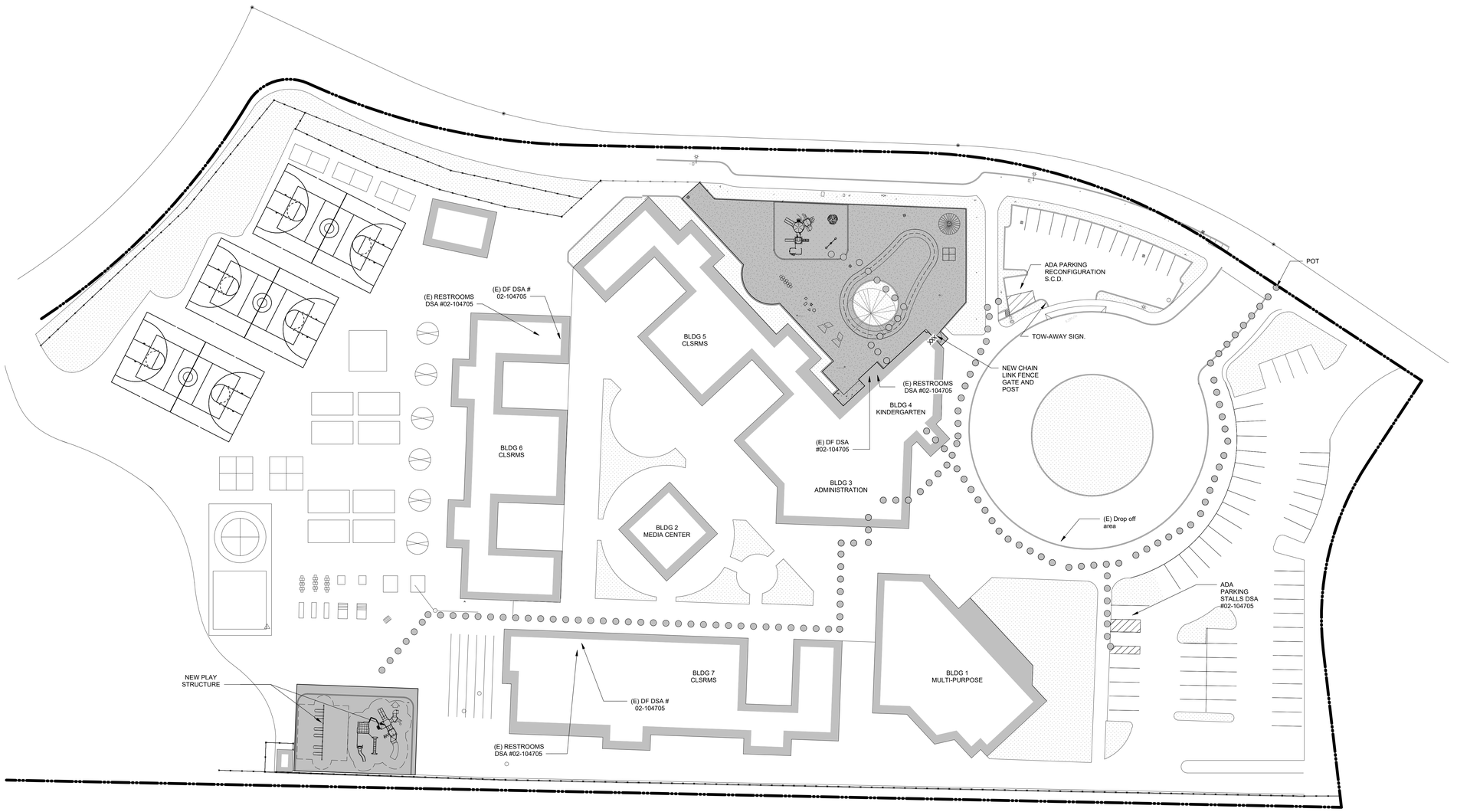
SHEET NO.

C3.1

DATE: JANUARY 31, 2023

CONSTRUCTION DOCUMENT

FILENAME: I: \22-203\CIVIL\DWG\22-203 C3.1.DWG



TRUE NORTH

SITE PLAN | 1" = 30'-0" | 1

KEYNOTES

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 a part of this project by means of a construction change document

SITE PLAN LEGEND

- PROPERTY LINE
- LIMITS OF WORK
- PROJECT BUILDING
- (N) ASPHALT CONCRETE PAVING
- (E) BUILDING
- LANDSCAPING
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE (2 / A-111)

PATH OF TRAVEL (P.O.T.)

- AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE
- IS AT LEAST 48" WIDE.
- NO ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL.
- THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH.
- PASSING SPACES (11B-403.2) AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART.
- PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS (11B-403.7) NOT MORE THAN 400' APART.
- THE CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED.
- (POT) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
- ARCHITECT SHALL VERIFY PATH OF TRAVEL CONFORMS WITH THE ABOVE.

X——X——X——X FENCE LINE

SITE PLAN GENERAL NOTES

1. SEE PLAYGROUND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
2. UNDERGROUND SERVICE ALERT SHALL BE CONTACTED PRIOR TO ANY EXCAVATION WORK ON THIS PROJECT.
3. THE CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING ABOVE AND UNDERGROUND UTILITIES. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE SHOWN FOR GENERAL INFORMATION ONLY.
4. DAMAGE TO ANY EXISTING UTILITIES, STRUCTURES, AND/OR SERVICES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND WITH PRIOR REVIEW AND APPROVAL BY THE ARCHITECT AND DSA.
5. CONTRACTOR TO REPAIR ALL EXISTING LANDSCAPE AREAS IMPACTED BY CONSTRUCTION ACTIVITIES. REPAIR TO INCLUDE ANY DAMAGE TO EXISTING IRRIGATION SYSTEM, RE-GRADING TO ENSURE PROPER DRAINAGE, SMOOTHING OF SURFACE, AND RE-SEEDING OR MULCHING TO MATCH ADJACENT AREAS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR MODIFYING ANY EXISTING IRRIGATION LINES DAMAGED OR IMPACTED DURING THE COURSE OF WORK IN ORDER TO PROVIDE A FULLY FUNCTIONAL SYSTEM AT PROJECT COMPLETION.
7. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED TO THE PREVENT DEBRIS AND UNSUITABLE MATERIALS FROM ENTERING STORM DRAINS, SANITARY SEWERS, NATURAL WATERWAYS, AND STREETS.
8. DUST CONTROL SHALL BE IMPLEMENTED AT ALL TIMES.
9. CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY FENCING TO ENSURE SITE IS SECURE AT ALL TIMES FOR CHILDREN OR OTHER USERS OF THE SCHOOL CAMPUS, INCLUDING STAGING AND ACCESS AREAS.
10. CONTRACTOR TO PROTECT EXISTING SITE IMPROVEMENTS AND RETURN CONSTRUCTION ACCESS AREA TO ITS ORIGINAL CONDITION UPON COMPLETION. STREET SWEEPING AND VACUUMING TO BE PROVIDED AS NEEDED DURING CONSTRUCTION.

AGENCY APPROVAL DSA#

196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
SAN JOSE, CA 95126
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CONSULTANTS

CIVIL ENGINEER
WARREN CONSULTING ENGINEERS
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P: (916) 985-1870

PROFESSIONAL STAMP

LICENSED ARCHITECT MARIANA ALVAREZ-OLIVERA C-36107 REN 01-31-25 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE

FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CRESCENT ES

1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE

SITE PLAN & ACCESSIBILITY PLAN

DRAWN BY: XX JOB NUMBER: 22162

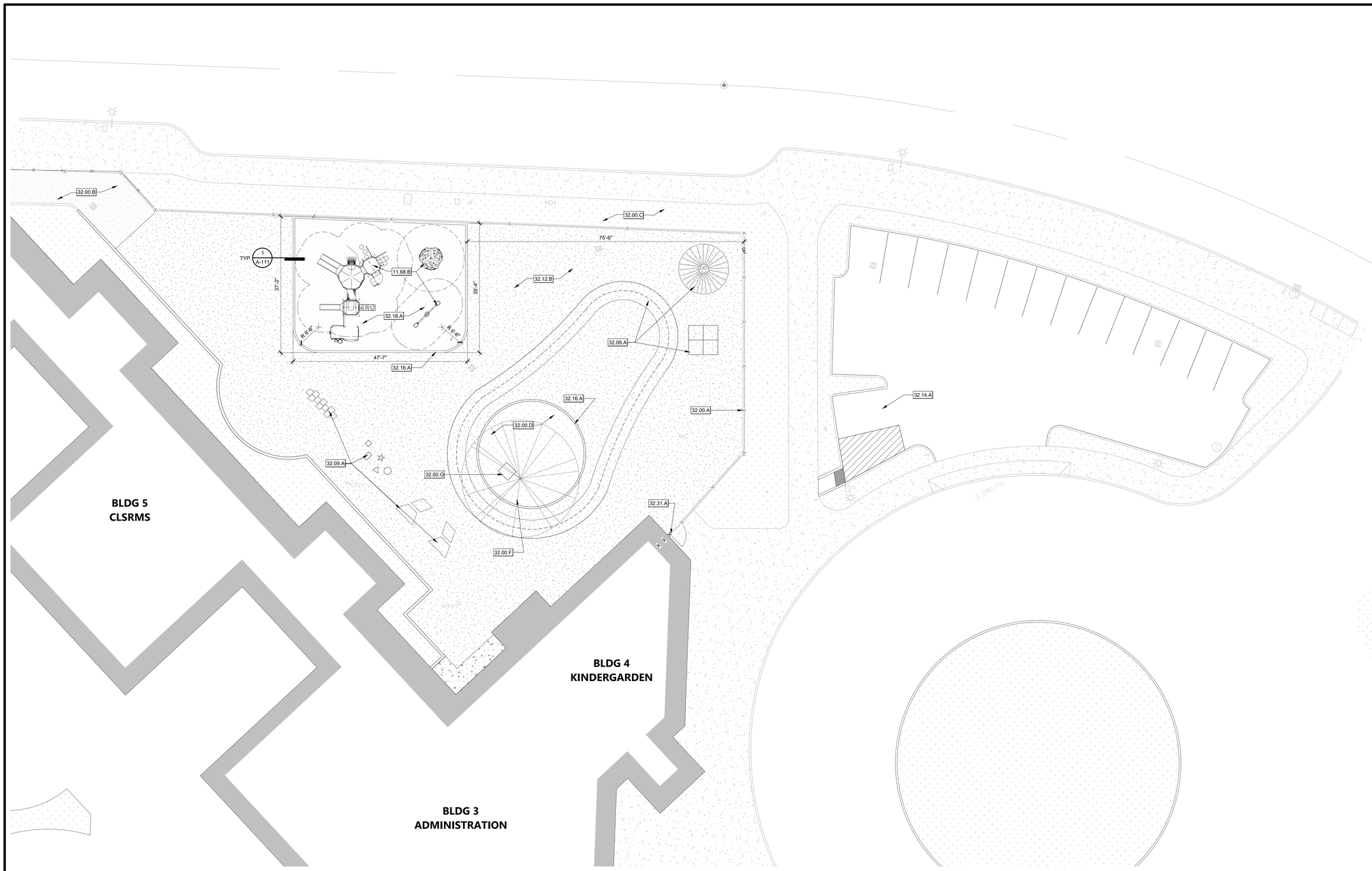
SHEET NO.

A-101

DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/21/2023 4:29:13 PM FILE LOCATION: C:\Users\xvargas\Documents\22162.01_Multi-site New Playground Installation_Crescent_A22_dvargasTH8BX.rvt



ENLARGED SITE PLAN - KINDER PLAYGROUND

3/32" = 1'-0" | 1

KEYNOTES

11.68.B	NEW PLAY STRUCTURE. SEE A-104 KINDER PLAYGROUND DETAILS.
32.00.A	(E) 6' HIGH CHAINLINK FENCE.
32.00.B	(E) ASPHALT PAVING.
32.00.C	(E) LANDSCAPING AREA.
32.00.D	(E) LANDSCAPING ISLAND.
32.00.F	(E) TREE. PROTECT DURING CONSTRUCTION.
32.00.G	(E) BENCH. PROTECT DURING CONSTRUCTION.
32.09.A	NEW PLAY LINES STRIPING. SEE A-106 STRIPING PLAN.
32.12.B	NEW ASPHALT PAVING AT THE PLAY AREA. S.C.D.
32.14.A	NEW ACCESSIBLE PARKING STALL
32.16.A	NEW FLUSH CURB.
32.18.A	NEW SYNTHETIC TURF AT PLAY AREA. B.O.D. PRO PLAY ELITE BY TOTURF. SEE DETAIL 2/A-111
32.31.A	NEW 6' HIGH CHAINLINK FENCE GATE AND POST. SEE DETAIL 7/A-111.

SITE PLAN LEGEND

- PROPERTY LINE
- LIMITS OF WORK
- PROJECT BUILDING
- (N) ASPHALT CONCRETE PAVING
- (E) BUILDING
- LANDSCAPING
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE (2/A-111)

PATH OF TRAVEL (P.O.T.)

- AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE
- IS AT LEAST 48" WIDE.
- NO ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL.
- THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH.
- PASSING SPACES (11B-403.2) AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART.
- PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS (11B-403.7) NOT MORE THAN 400' APART.
- THE CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED.
- (POT) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
- ARCHITECT SHALL VERIFY PATH OF TRAVEL CONFORMS WITH THE ABOVE.

X——X——X——X FENCE LINE

SITE PLAN GENERAL NOTES

1. SEE PLAYGROUND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
2. UNDERGROUND SERVICE ALERT SHALL BE CONTACTED PRIOR TO ANY EXCAVATION WORK ON THIS PROJECT.
3. THE CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING ABOVE AND UNDERGROUND UTILITIES. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE SHOWN FOR GENERAL INFORMATION ONLY.
4. DAMAGE TO ANY EXISTING UTILITIES, STRUCTURES, AND/OR SERVICES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND WITH PRIOR REVIEW AND APPROVAL BY THE ARCHITECT AND DSA.
5. CONTRACTOR TO REPAIR ALL EXISTING LANDSCAPE AREAS IMPACTED BY CONSTRUCTION ACTIVITIES. REPAIR TO INCLUDE ANY DAMAGE TO EXISTING IRRIGATION SYSTEM, RE-GRADING TO ENSURE PROPER DRAINAGE, SMOOTHING OF SURFACE, AND RE-SEEDING OR MULCHING TO MATCH ADJACENT AREAS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR MODIFYING ANY EXISTING IRRIGATION LINES DAMAGED OR IMPACTED DURING THE COURSE OF WORK IN ORDER TO PROVIDE A FULLY FUNCTIONAL SYSTEM AT PROJECT COMPLETION.
7. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED TO THE PREVENT DEBRIS AND UNSUITABLE MATERIALS FROM ENTERING STORM DRAINS, SANITARY SEWERS, NATURAL WATERWAYS, AND STREETS.
8. DUST CONTROL SHALL BE IMPLEMENTED AT ALL TIMES.
9. CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY FENCING TO ENSURE SITE IS SECURE AT ALL TIMES FOR CHILDREN OR OTHER USERS OF THE SCHOOL CAMPUS, INCLUDING STAGING AND ACCESS AREAS.
10. CONTRACTOR TO PROTECT EXISTING SITE IMPROVEMENTS AND RETURN CONSTRUCTION ACCESS AREA TO ITS ORIGINAL CONDITION UPON COMPLETION. STREET SWEEPING AND VACUUMING TO BE PROVIDED AS NEEDED DURING CONSTRUCTION.

AGENCY APPROVAL DSA#

196 ARCHITECTS
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CONSULTANTS

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PROFESSIONAL STAMP

LICENSED ARCHITECT MARIANA ALVAREZ PACA C-36102 REN. 01 - 31 - 25 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE
FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CRESCENT ES

1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE
ENLARGED SITE PLAN - KINDER PLAYGROUND

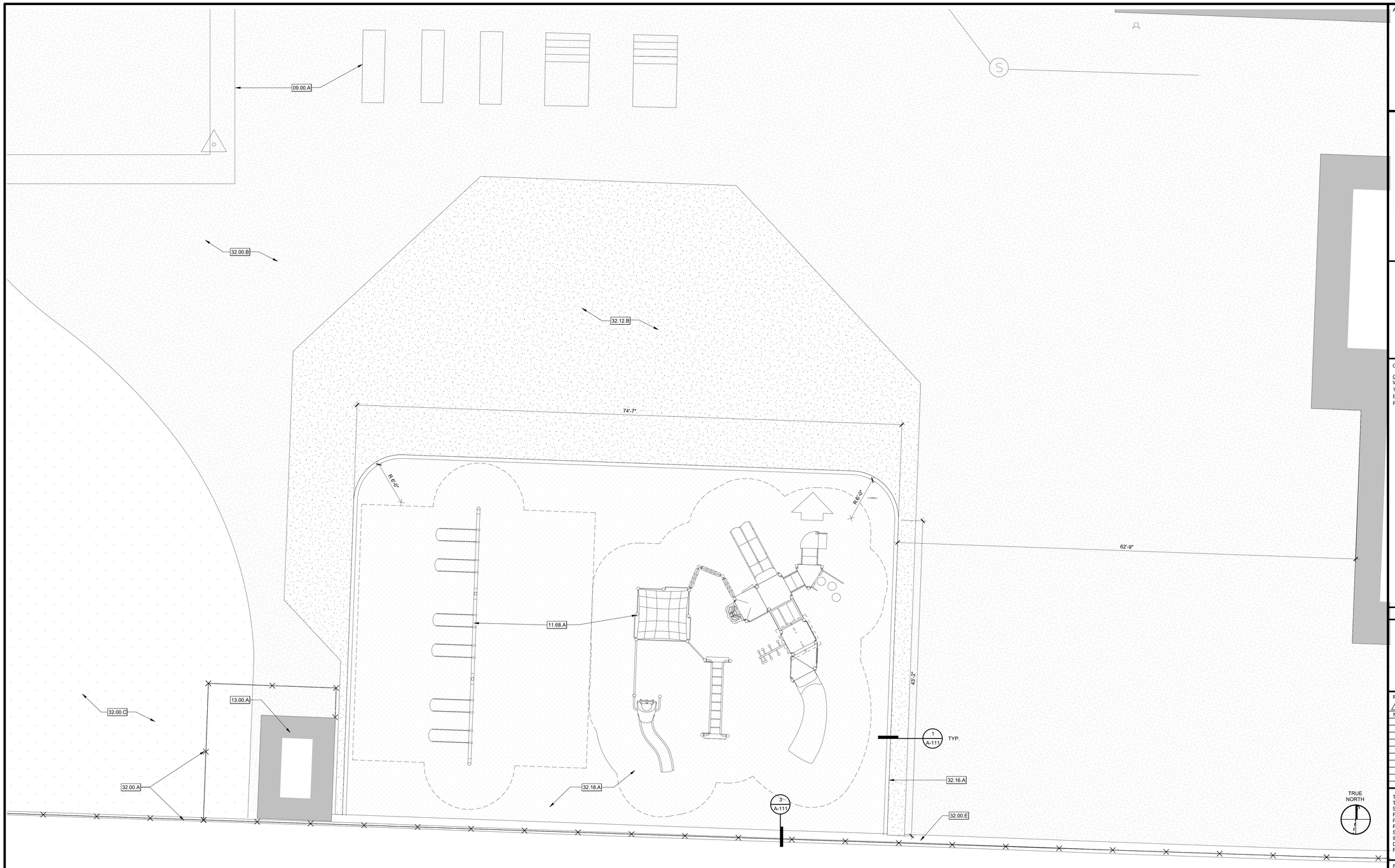
DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.
A-102

DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/21/2023 4:29:14 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_Multi-site New Playground Installation_Crescent_A22_dvargasTH8BX.rvt



KEYNOTES

09.00.A	(E) PLAY STRIPING ON ASPHALT PAVEMENT.
11.68.A	NEW PLAY STRUCTURE. SEE A-105 ELEMENTARY PLAYGROUND DETAILS.
13.00.A	(E) SHED TO REMAIN. PROTECT DURING CONSTRUCTION.
32.00.A	(E) 6' HIGH CHAINLINK FENCE.
32.00.B	(E) ASPHALT PAVING.
32.00.C	(E) LANDSCAPING AREA.
32.00.E	(E) CONCRETE CURB AND GUTTER.
32.12.B	NEW ASPHALT PAVING AT THE PLAY AREA. S.C.D.
32.16.A	NEW FLUSH CURB.
32.18.A	NEW SYNTHETIC TURF AT PLAY AREA. B.O.D. PRO PLAY ELITE BY TOTURF. SEE DETAIL 2/A-111

SITE PLAN LEGEND

- PROPERTY LINE
- LIMITS OF WORK
- PROJECT BUILDING
- (N) ASPHALT CONCRETE PAVING
- (E) BUILDING
- LANDSCAPING
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE (2 / A-111)

PATH OF TRAVEL (P.O.T.)

- AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE
- IS AT LEAST 48" WIDE.
- NO ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL.
- THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH.
- PASSING SPACES (11B-403.2) AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART.
- PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS (11B-403.7) NOT MORE THAN 400' APART.
- THE CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED.
- (POT) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
- ARCHITECT SHALL VERIFY PATH OF TRAVEL CONFORMS WITH THE ABOVE.

X—X—X—X FENCE LINE

SITE PLAN GENERAL NOTES

1. SEE PLAYGROUND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
2. UNDERGROUND SERVICE ALERT SHALL BE CONTACTED PRIOR TO ANY EXCAVATION WORK ON THIS PROJECT.
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8. DUST CONTROL SHALL BE IMPLEMENTED AT ALL TIMES.
9. CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY FENCING TO ENSURE SITE IS SECURE AT ALL TIMES FOR CHILDREN OR OTHER USERS OF THE SCHOOL CAMPUS, INCLUDING STAGING AND ACCESS AREAS.
10. CONTRACTOR TO PROTECT EXISTING SITE IMPROVEMENTS AND RETURN CONSTRUCTION ACCESS AREA TO ITS ORIGINAL CONDITION UPON COMPLETION. STREET SWEEPING AND VACUUMING TO BE PROVIDED AS NEEDED DURING CONSTRUCTION.

ENLARGED SITE PLAN - ELEMENTARY PLAYGROUND | 3/16" = 1'-0" | 1

AGENCY APPROVAL DSA#

196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
SAN JOSE, CA 95126
TEL (408) 715-4470

CONSULTANTS

CIVIL ENGINEER
WARREN CONSULTING ENGINEERS
1117 WINDFIELD WAY, STE 110
EL DORADO HILLS, CA 95762
P: (916) 985-1870

PROFESSIONAL STAMP

LICENSED ARCHITECT MARIANA ALVAREZ PARRA C-36107 REN 01-31-25 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

THE ARCHITECT DOES NOT REPRESENT THAT THESE PLANS OR THE SPECIFICATIONS ARE SUITABLE FOR ANY SITE OTHER THAN THE ONE FOR WHICH THEY WERE SPECIFICALLY PREPARED. THE ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.

PROJECT OWNER & TITLE
FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CRESCENT ES

1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE
ENLARGED PLAN - ELEMENTARY PLAYGROUND

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.
A-103

DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/21/2023 4:29:17 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_Multi-site New Playground Installation_Crescent_A22_dvargasTH8BX.rvt

MAIN PLAY STRUCTURE

Climbers W/Permalene Handholds		
1	152907A	Deck Link w/Barriers Steel end panels 1 Step
Climbers W/Vibe Handholds		
1	179026A	ABC Climber w/Vibe Handholds 48"Dk DB
1	179025A	Block Climber w/Vibe Handholds Ground-Deck 32"Dk DB
1	179011A	Mini Summit Climber w/Vibe Handholds 48"Dk DB
1	180098D	Pod Climber w/Vibe Handholds w/Handloop & Handrail 32"Dk DB Left Handhold
Decks		
1	184354A	Curved Transfer Module Left 2-5yrs 32"Dk DB
1	178710A	Hexagon Tenderdeck
2	111228A	Square Tenderdeck
Enclosures		
1	164092B	Bongo Panel Ground Level
1	115228B	Driver Panel Ground Level
1	115253A	Hole Panel
1	115235A	House Panel Above Deck
1	127678A	Match 4 Panel Above Deck
1	127678B	Match 4 Panel Ground Level
1	115234A	Mirror Panel Ground Level Under 48"Dk
1	159459A	Ring-A-Bell Panel Above Deck
1	115254A	Storefront Panel
1	130565A	Table Panel DB
Motion & More Fun		
2	120818A	Playstructure Seat
Posts		
6	111404D	124"Alum Post DB
8	111403D	158"Alum Post For Roof DB
6	111404J	76"Alum Post DB
Roofs		
2	118110A	Square Poly Roof Standard Logo Panels
Slides		
1	123331B	Double Slide 48"Dk DB
1	123337A	Single Slide 48"Dk DB
Tunnels		
1	119641A	Wire Crawl Tunnel Above Deck
Freestanding Play		
Signs		
1	182503A	Welcome Sign (LSI Provided) Ages 2-5 years Direct Bury

TOTAL ELEVATED PLAY COMPONENTS	9		
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	9	REQUIRED	5
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	10	REQUIRED	3
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	4	REQUIRED	4

2 SEATS - SEESAW

Parts List

Part#	Description	Qty.
148881	Leg (DB), Specify Color	1
160199	Seat, Tan/Black	2
146007	5/16" 6-Lobe T-45 Bit	1
146017	5/16" 6-Lobe T-45 Key	1
260419	SeeSaw Bumper Footer (SM), Specify Color	2
260398	SeeSaw Bumper Footer (DB), Specify Color	2
260387	Footer Guide Plate, Specify Color	2
182262	Rung Cap, Black	2
149305	**Seesaw 2-Place Assembly, Specify Color**	1
208324	3/8" x 1 1/4" BHCS w/Pin Limited Thread, SST	8
100351	3/8" T-Nut, SST	12
123224	3/8" x 1 1/2"-6 BHCS w/Pin, SST	4
128296	3/8" Hex Jam Nut, SST	12
156257	Base Assembly, Specify Color	1
149172	Seesaw 2-Place Weldment, Specify Color	1
219123	Torsion Half Clamp, Specify Color	2
185471	1" O.D. Spacer, Aluminum	4
156370	Bolt Cover, Tan	4
149272	1/4" D-Cut Flat Washer, SST	8
181001	1.125" O.D. x 5/16" Long Polyurethane Rod	4
154164	Bushing	4
214491	Seesaw Extension Plate, Specify Color	2
260533	**2-Seat Seesaw Hardware Package**	1
100252	3/8" x 1 1/2" Flat Head Cap Screw, SST	8
100327	3/8" Standard Hex Nut, SST	8
100365	3/8" SAE Flat Washer, SST	8
156846	Play Safe Label, 2-12 Years	1
182213	Hot Surface Warning Label	1
182212	Entanglement Warning Label	1
115176	Hard Surface Warning Label	1
100201	BHCS 6LP 5/8 x 1 -1/2L SST	2
188124	5/8i x 3i Hex Cap	2
100322	1/2" Standard Hex Nut, SST	4
151765	**Seesaw Leg Hardware Package (DB)**	1
100216	1/2" x 1 1/4" Hex Cap Screw, SST	4
100363	1/2" Flat Washer, SST	8
129692	1/2" Standard Hex Nut, SST/Patch	4
120202	**Spring Animal Hardware Package (SM)**	1
100262	1/2" x 6" L-Anchors	4
100322	1/2" Standard Hex Nut, SST	4
100363	1/2" Flat Washer, SST	4
121348	**4 Hole (SM) Hardware Package**	1
100266	1/2" x 2 3/4" Expansion Anchor	4
100322	1/2" Standard Hex Nut, SST	4
100363	1/2" Flat Washer, SST	4

DB = Direct Bury
SM = Surface Mount

CLIMBING DOME

Parts List

Part#	Description	Qty.
290660	Cozy Dome Panel, Specify Color	3
167705	Ring Plate, Specify Color	1
167706	Direct Bury Plate, Specify Color	6
169488	Mount Plate, (SM), Specify Color	6
169478	1 1/4" O.D. x 1 3/8" Long Spacer Tube, AL	12
290950	**Cozy Dome Hardware Package for DB**	1
100196	3/8" x 3/4" BHCS w/Pin, SST	15
100353	3/8" Flange Nut w/Pin, SST	15
100362	3/8" Flat Washer, SST	30
113027	3/8" x 1 3/4" BHCS w/Pin, SST	15
290951	**Cozy Dome Hardware Package for SM**	1
100196	3/8" x 3/4" BHCS w/Pin, SST	3
100263	3/8" x 2 3/4" Expansion Anchor	6
100327	3/8" Standard Hex Nut, SST	6
100353	3/8" Flange Nut w/Pin, SST	15
100362	3/8" Flat Washer, SST	24
113027	3/8" x 1 3/4" BHCS w/Pin, SST	15
116695	3/8" x 2" FHCS, SST	12

DB = Direct Bury
SM = Surface Mount

PLAY EQUIPMENT SCHEDULE | N.T.S | 25

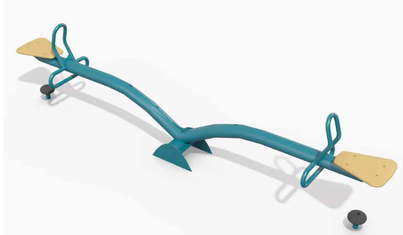
MAIN PLAY STRUCTURE



CLIMBING DOME



2 SEATS - SEESAW



3D DRAWING PLAYGROUND 3 | N.T.S. | 12

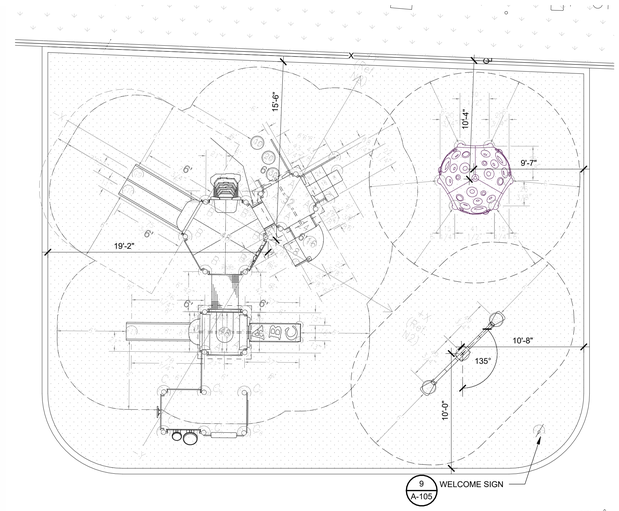
QTY. POST/ARCH LENGTHS

8 A 158" Alum Roof Post DB
6 B 124" Alum Post DB
6 C 76" Alum Post DB

PlayBooster® (2-5 years)

		X (ft–in)	Y (ft–in)	Dia. (in)	
1	REF.	89'–5 1/2"	-22'–10"	92"–4"	Ref. N2
2	F1	0"	0"	0"	14
3	F2	9"	1'–3 1/2"	1'–6"	14
4	F3	0"	-3'–5"	3'–6"	14
5	F4	-3'–0 1/2"	1'–9"	3'–6"	14
6	F5	-2'–2 1/2"	2'–0 1/2"	3'–9 1/2"	14
7	F6	3'–6 1/2"	1'–6 1/2"	3'–10 1/2"	14
8	F7	7'–6"	4'–4"	5"	14
9	F8	-3'–0 1/2"	-5'–5"	6'–0 1/2"	14
10	F9	-6'–0 1/2"	0"	6'–0 1/2"	14
11	F10	-6 1/2"	6'–1"	6'–1"	14
12	F11	1'–9"	-6'–6 1/2"	6'–9"	14
13	F12	-6'–0 1/2"	-3'–5"	7"	14
14	F13	-1'–3 1/2"	-6'–3 1/2"	6'–4 1/2"	14
15	F14	3'–6"	-6'–6 1/2"	10'–2"	14
16	F15	5 1/2"	-11'–3 1/2"	11'–4"	14
17	F16	0'–5"	-12'–2"	13'–1 1/2"	14
18	F17	2'–2 1/2"	-14'–4"	14'–6"	14
19	F18	-10"	-16'–1"	16'–1 1/2"	14
20	F19		-15'–7 1/2"	17'–1 1/2"	14
21	F20	3'–11 1/2"	-17'–4 1/2"	17'–10"	14
22	F21	11"	-19'–1 1/2"	19'–1 1/2"	14
23	F22	-13'–4"	20'–7 3/4"	24'–8 1/2"	14
24	F23	-13'–4"	24'–9"	28'–1 1/2"	14
25	F24	-13'–4"	28'–11"	31'–10"	14
26	G1	-5'–0 1/2"	1'–8 1/2"	5'–3 1/2"	12
27	G2	-2'–3"	5'–0 1/2"	9'–4"	12
28	G3	3'–1"	5'–3"	8'–4 1/2"	12
29	G4	-3'–3 1/2"	6'–1"	9'–11"	12
30	G5	-4'–9 1/2"	6'–8 1/2"	8'–3"	12
31	G6	3'–5"	8'–1 1/2"	8'–4"	12
32	G7	1'–1 1/2"	-9"	9'–0 1/2"	12
33	G8	1'–1 1/2"	6'–0 1/2"	9'–5"	12
34	G9	-12'–6 1/2"	-11"	12'–5"	12
35	G10	-12'–6 1/2"	-2'–7"	12'–1 1/2"	12
36	G11	-5'–11"	-12'–11 1/2"	14'–3"	12
37	G12	-10'–4"	7'–3 1/2"	21'–7"	12
38	G13	1'–10"	24'–4"	24'–5"	12
39	G14	5'–3 1/2"	24'–4"	24'–11"	12
40	G15	7"	26'–6 1/2"	26'–6 1/2"	12
41	G16	6'–7"	26'–6 1/2"	27'–4"	12
42	G17	2'–3 1/2"	29'–6 1/2"	29'–1 1/2"	12
43	G18	4'–10"	29'–6 1/2"	29'–11"	12
44	H1	2'–0 1/2"	3'–1"	3'–1"	8
45	H2	3'–4 1/2"	-7"	3'–5"	8
46	H3	6'–5"	-5'–11"	8'–2"	8
47	H4	7'–1"	-6'–3"	9'–5"	8
48	I1	10'–1 1/2"	0"	10'–1 1/2"	REF PT
49	I2	0"	14'–10 1/2"	14'–10 1/2"	REF PT
50	I3	0"	-17'–4"	17'–4"	REF PT

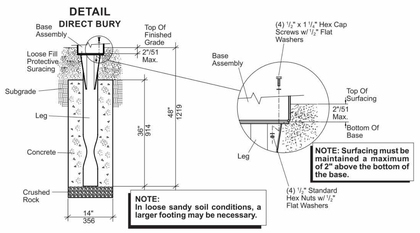
		X (ft–in)	Y (ft–in)	Dia. (in)	
51	I4	-18'–11 1/2"	0"	18'–11 1/2"	REF PT
52	I5	-18'–11 1/2"	-1'–9"	19'–1 1/2"	REF PT
53	I6	-17'–4"	-16'–2 1/2"	19'–10 1/2"	REF PT

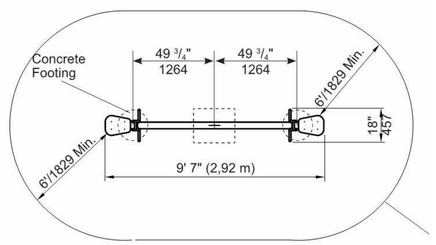


NOTE: PLAYGROUND EQUIPMENT SHALL COMPLY WITH CBC 11B-240 AND ITS SUB-SECTIONS AS APPLICABLE & 11B-1008. GROUND SURFACE MUST COMPLY WITH 11B-1008.2.6.

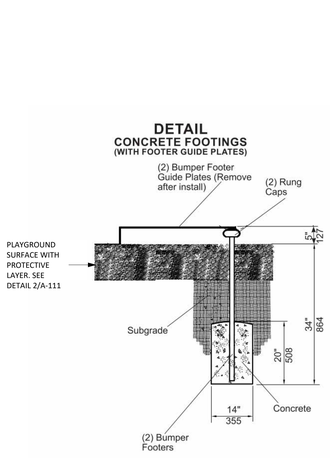
TRUE NORTH

FOOTING SCHEDULE & HORIZONTAL CONTROL - PLAY EQUIPMENT | 3/16" = 1'-0" | 2

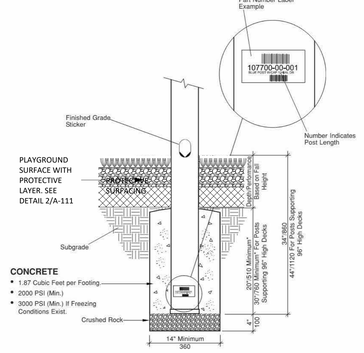




SEESAW BASE ASSEMBLY & FOOTING LAYOUT | N.T.S. | 14



CONCRETE FOOTINGS DETAIL | N.T.S. | 9



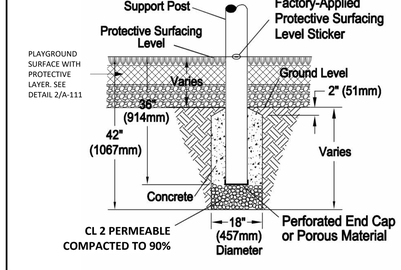
CONCRETE
- 1.87 Cubic Feet per Footing
- 2000 PSI (Min.)
- 3000 PSI (Min.) If Freezing Conditions Exist.

Post Specifications: Post length shall vary depending upon the intended use and shall be a minimum of 42" above the deck height. All posts shall be powdercoated to specified color. All posts shall have a "finished grade marker" positioned on the post identifying the 34" bury line (or 44" bury line for posts for 96" decks) required for correct installation and the top of the loose fill protective surfacing. Top caps for posts shall be aluminum die cast from 369.1 alloy and powdercoated to match the post color. All caps shall be factory installed and secured in place with (3) self sealing rivets. A molded low density polyethylene cap, with drain holes, shall be pressed onto the bottom end of the post to increase the footing area.

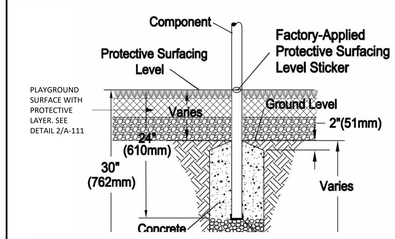
Steel Posts: All steel PlayBooster posts are manufactured from 5" O.D. tubing with a wall thickness of .120" and shall be galvanized after rolling and shall have both the I.D.and the cut ends sprayed with a corrosion resistant coating.

Aluminum Posts: All aluminum PlayBooster posts are manufactured from 6005-T5 extruded tubing conforming to ASTM B-221. Posts shall have a 5" outside diameter with a .125" wall thickness.

CONCRETE FOOTINGS DETAIL | N.T.S. | 9

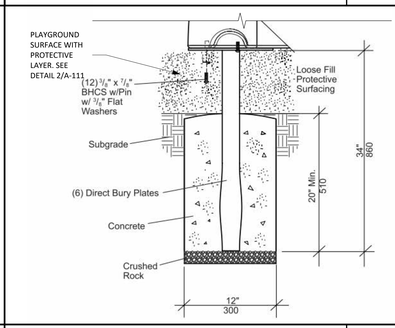


SUPPORT FOOTING DETAIL | N.T.S. | 3



CL 2 PERMEABLE COMPACTED TO 90%

COMPONENT FOOTING DETAIL | N.T.S. | 4



CLIMBING DOME - FOOTING DETAIL | N.T.S. | 5

AGENCY APPROVAL DSA#

196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
SAN JOSE, CA 95126
TEL (408) 715-4470

CONSULTANTS

CIVIL ENGINEER
WARREN CONSULTING ENGINEERS
1117 WINDFIELD WAY, STE 110
EL DORADO HILLS, CA 95762
P: (916) 985-1870

PROFESSIONAL STAMP

LICENSED ARCHITECT MARIANA ALVARES PORTO C-36102 RENEW 01 - 31 - 25 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION
A		

THE ARCHITECT DOES NOT REPRESENT THAT THESE PLANS OR THE SPECIFICATIONS ARE SUITABLE FOR ANY SITE OTHER THAN THE ONE FOR WHICH THEY WERE SPECIFICALLY PREPARED. THE ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.

PROJECT OWNER & TITLE

FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CRESCENT ES

1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE

KINDER PLAYGROUND DETAILS

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.

A-104

DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/21/2023 4:29:20 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Crescent_A22_dvargasTH8BX.rvt



3D DRAWING - PLAY EQUIPMENT | N.T.S. | 17

QTY. POST/ARCH LENGTHS

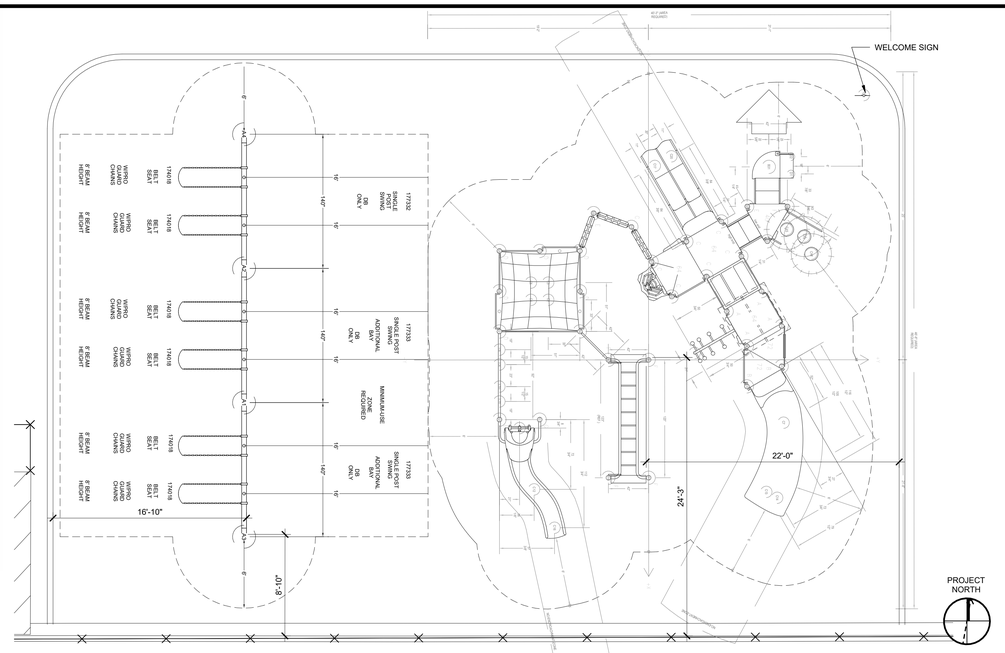
4	A	182" Alum Roof Post DB
2	B	148" Alum Post DB
7	C	140" Alum Post DB
7	D	132" Alum Post DB
4	E	124" Alum Post DB
5	F	116" Alum Post DB
1	G	108" Alum Post DB

PlayBooster® (5-12 years)

№	LG.	X (ft-in)	Y (ft-in)	Dist. to 0	Qty. (u)
1	A1	0'-0 1/2"	-36'-4"	36'-0 1/2"	24
2	A2	-6'-1 1/2"	-36'-4"	36'-4"	24
3	A3	11'-0 1/2"	-36'-4"	41'-4 1/2"	24
4	A4	-19'-9 1/2"	-36'-4"	41'-5"	24
5	B1	0"	0"	0'-0"	14
6	B2	0"	-5'-4"	5'-4"	14
7	B3	-5'-4"	0"	5'-4"	14
8	B4	-5'-5 1/2"	-5'-11 1/2"	8'-5 1/2"	14
9	B5	-5'-5 1/2"	-11'-3"	12'-5 1/2"	14
10	B6	5'-5 1/2"	-5'-11 1/2"	8'-5 1/2"	14
11	B7	-8'-4 1/2"	0"	8'-4 1/2"	14
12	B8	-13'-9 1/2"	5'-5 1/2"	14'-7 1/2"	14
13	B9	-7'-7"	5'-5 1/2"	9'-10"	14
14	B10	2'-3 1/2"	5'-5 1/2"	6'-1 1/2"	14
15	B11	12'-0"	0"	12'-0"	14
16	B12	-19'-5 1/2"	5'-5 1/2"	19'-8 1/2"	14
17	B13	5'-3 1/2"	-6'-5 1/2"	12'-8 1/2"	14
18	B14	12'-0"	-5'-4"	17'-4"	14
19	B15	-6'-5 1/2"	-5'-11 1/2"	11'-3 1/2"	14
20	B16	6'-11 1/2"	6'-10"	11'-4"	14
21	B17	8 1/2"	11'-3"	11'-3"	14
22	B18	-11'-1 1/2"	11'-3"	16'-4 1/2"	14
23	B19	-6'-11"	11'-3"	17'-8 1/2"	14
24	B20		6'-11"	12'-11"	14
25	B21	-2'-5 1/2"	-11'-11 1/2"	12'-3 1/2"	14
26	B22	-6'-5 1/2"	-6'-5 1/2"	12'-5"	14
27	B23	-12'-5 1/2"	6'-4"	18'-5"	14
28	B24	-12'-5"	-6'-4 1/2"	12'-7 1/2"	14
29	B25	5'-5 1/2"	-12'-11 1/2"	13'-5 1/2"	14
30	B26	-5'-11 1/2"	-12'-11 1/2"	14'-3 1/2"	14
31	B27	-12'-5 1/2"	11'-4"	16'-10"	14
32	B28	-13'-4"	6'-3"	18'-10 1/2"	14
33	B29	9'-6 1/2"	-12'-11 1/2"	16'-4"	14
34	B30	-13'-9"	12'-1"	18'	14
35	B31	-19'-6 1/2"	10'-5 1/2"	21'-6 1/2"	14
36	C1	0"	0"	0'-0"	13
37	C2	-5'-3 1/2"	-6'-6 1/2"	16'-0"	13
38	C3	-5'-6 1/2"	-6'-6 1/2"	11'	13
39	C4	-5'-3 1/2"	-16'-2 1/2"	11'-4"	13
40	C5	-5'-6 1/2"	-16'-2 1/2"	11'-4"	13
41	C6	5'-11"	-11'-2 1/2"	12'-8 1/2"	13
42	C7	5'-3 1/2"	11'-4"	16'-11 1/2"	13
43	C8	0"	-12'-11 1/2"	13"	13
44	C9	-15 1/2"	-12'-11 1/2"	13"	13
45	C10	2'-4"	-12'-11 1/2"	13'-5"	13
46	C11	2'-3 1/2"	-12'-11 1/2"	13'-5 1/2"	13
47	C12	11'-3"	-6'-11 1/2"	13'-6 1/2"	13
48	C13	11'-3"	6'-4"	18'-0 1/2"	13
49	C14	11'-3"	11'-3"	16'-4 1/2"	13
50	C15	-11'-4"	12'-6 1/2"	16'-8 1/2"	13

№	LG.	X (ft-in)	Y (ft-in)	Dist. to 0	Qty. (u)
51	C16	11'-3"	-6'-5 1/2"	12'-8"	13
52	C17	-19'-10 1/2"	6 1/2"	19'-10 1/2"	13
53	C18	-5'-3 1/2"	6'-4 1/2"	16'-11"	13
54	C19	-5'-6 1/2"	13'-6 1/2"	19'-1"	13
55	C20	-13'-4 1/2"	11'-3"	17'-4 1/2"	13
56	C21	-19'-6 1/2"	20'-5 1/2"	28'-11"	13
57	D1	-19'-2"	12'-4 1/2"	22'-4 1/2"	8
58	D2	-11'-4"	12'-4 1/2"	21'-7"	8
59	E1	16'-6 1/2"	0"	16'-8 1/2"	REF PT
60	E2	0"	16'-1"	16'-1"	REF PT
61	E3	0"	-16'-1"	16'-1"	REF PT
62	E4	16'-1"	7'-11 1/2"	18'-8 1/2"	REF PT
63	E5	31'-4 1/2"	-6'-1"	33'-3 1/2"	REF PT
64	E6	-34'-2"	-1'-8 1/2"	34'-3"	REF PT
65	E7	-34'-10 1/2"	0"	34'-10 1/2"	REF PT

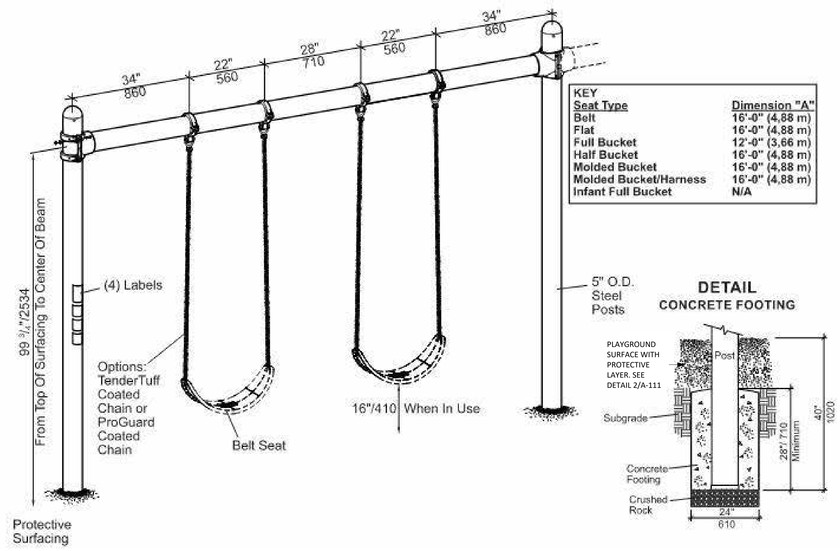
NOTE: PLAYGROUND EQUIPMENT SHALL COMPLY WITH CBC 11B-240 AND ITS SUB-SECTIONS AS APPLICABLE & 11B-1008. GROUND SURFACE MUST COMPLY WITH 11B-1008.2.6.



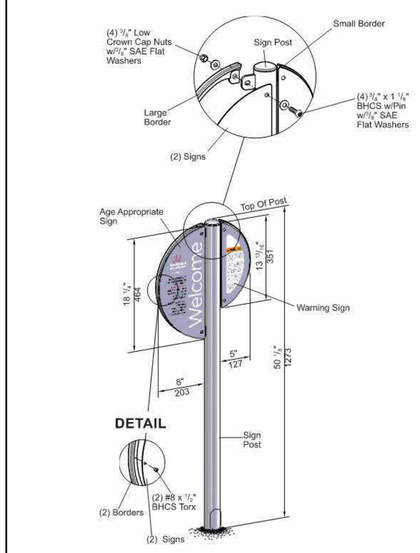
ENLARGED SITE PLAN - ELEMENTARY PLAYGROUND Copy 1 | 3/16" = 1'-0" | 2

Bridges & Ramps			
1	114665A	Arch Bridge (42")	
Climbers Other			
1	220539A	GeoPlex Double Panel Elevated	
1	220538A	GeoPlex Double Panel Ground Level	
1	220540A	GeoPlex Triple Panel	
Climbers W/Permalene Handholds			
1	158678A	Climbing Wall Alum DB	
1	152907B	Deck Link w/Barriers Steel end panels 2 Steps	
1	145109A	Funnel Net Climber DB	
1	145249A	Funnel Net Climber Long Brace	
3	145248A	Funnel Net Climber Short Brace	
3	145250A	Funnel Net Climber Vertical Ladder	
1	145624C	Vertical Ascent 64"Dk	
Climbers W/Vibe Handholds			
1	179019B	Lollipop Climber w/Vibe Handholds 64"Dk DB	
1	180098D	Pod Climber w/Vibe Handholds w/Handloop & Handrail 40"Dk DB Right Handhold	
1	179007A	Summit Climber w/Vibe Handholds 1 Sides 64"Dk DB	
Decks			
1	152911B	Curved Transfer Module Left 40"Dk DB	
1	121948A	Kick Plate 8"Rise	
1	111229A	Square Deck Extension	
2	111228A	Square Tenderdeck	
2	111231A	Triangular Tenderdeck	
1	119646A	Tri-Deck Extension	
Enclosures			
1	115243A	Chimes Panel Above Deck	
2	116244A	Pipe Barrier Above Deck	
1	201512A	Vibe 3/4 Handhold Barrier Left	
Overhead Events			
1	142887A	2"Horizontal Ladder	
1	141887B	Access/Landing Assembly Seat Barrier Left 16"Dk	
1	141887B	Access/Landing Assembly Seat Barrier Right 16"Dk	
1	130873A	Ring Pull	
Posts			
1	111404F	108"Alum Post DB	
5	111404E	116"Alum Post DB	
3	111404D	124"Alum Post DB	
7	111404C	132"Alum Post DB	
7	111404B	140"Alum Post DB	
2	111404A	148"Alum Post DB	
4	111403A	182"Alum Post For Roof DB	
Roofs			
1	118110A	Square Poly Roof Standard Logo Panels	
Slides			
1	271761A	Alpine Slide 72" Deck DB[1]	
1	130390A	Double Swoosh Slide 64"Dk DB[1]	
1	183176A	Rush Slide DB Only	
Freestanding Play			
Signs			
1	182503C	Welcome Sign (LSI Provided) Ages 5-12 years Direct Bury	
Swings			
6	174018A	Belt Seat ProGuard Chains for 8' Beam Height	
1	177332A	Single Post Swing Frame	

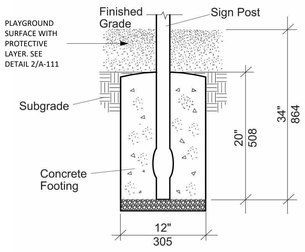
PLAYGROUND 2 SCHEDULE | N.T.S. | 25



SWING - LAYOUT & FOOTING DETAIL | N.T.S. | 14



WELCOME SIGN | N.T.S. | 9



WELCOME SIGN - POST FOOTING DETAIL | N.T.S. | 3

AGENCY APPROVAL DSA#

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PROFESSIONAL STAMP

LICENSED ARCHITECT MARIANA ALVAREZ C-36107 REN. 01-31-25 STATE OF CALIFORNIA

REVISIONS

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PROJECT OWNER & TITLE
FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CRESCENT ES

1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE
ELEMENTARY PLAYGROUND DETAILS

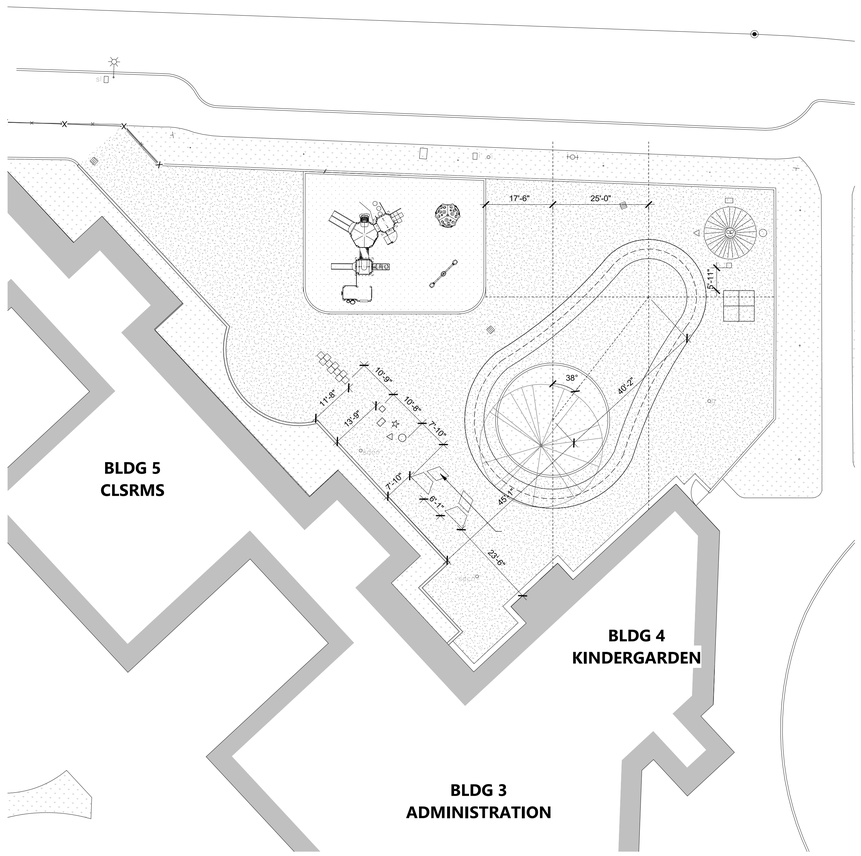
DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.
A-105

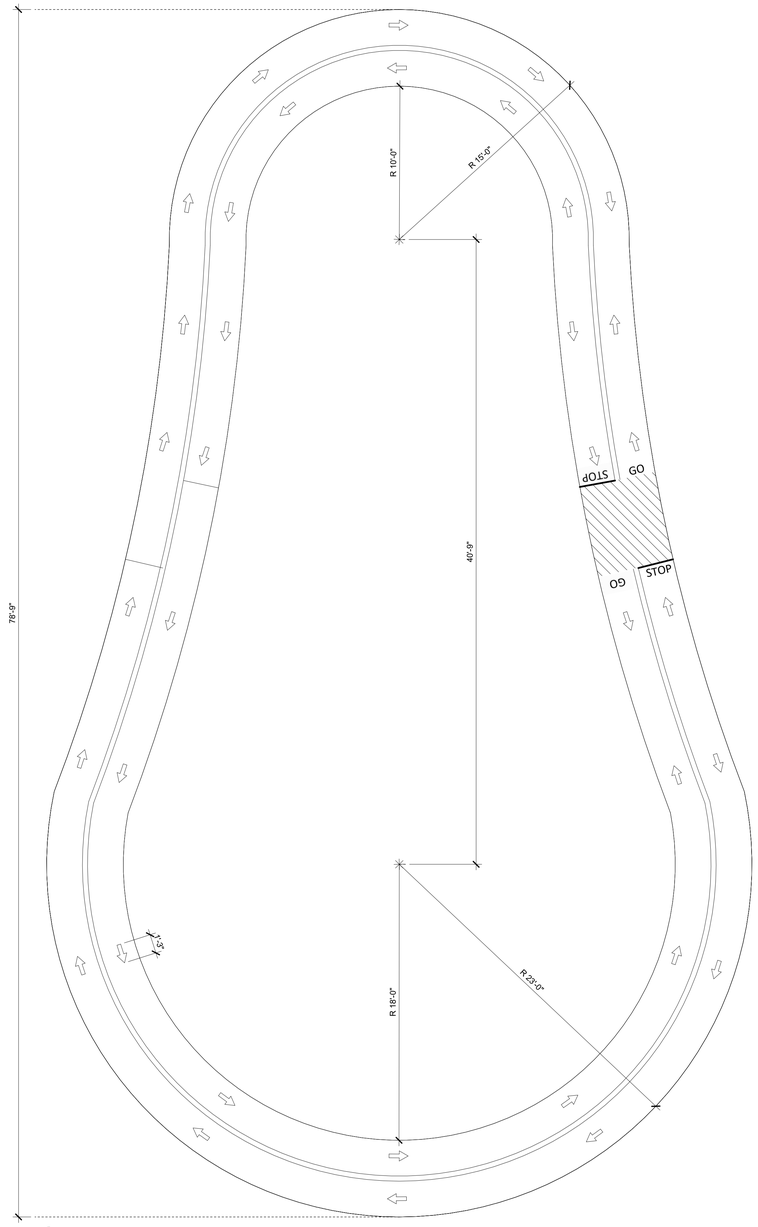
DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/21/2023 4:29:22 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Crescent_A22_dvargasTH8BX.rvt



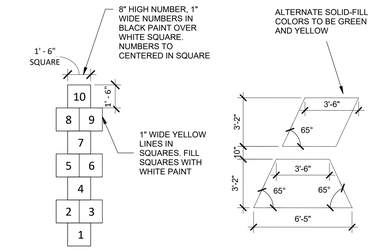
ENLARGED SITE PLAN - STRIPING PLAN AT KINDER PLAY AREA | 1/16" = 1'-0" | 2



A TRY-CYCLE PATH

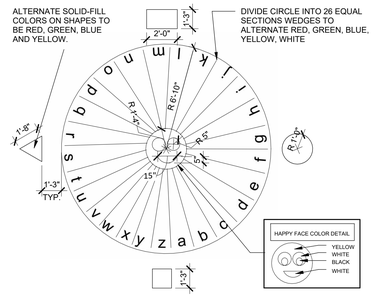
NOTES:
- Tricycle median lane to be 4" wide.
- All other lines to be 1" wide.
- All letters to be painted 12" high.
- Infill arrows with white paint.
- Kelly-Moore Traffic Marking paint 1472, or approved equal. Apply all paint in two coats at the manufacturer's recommended rate.

STRIPING AT PLAY AREA | 1/4" = 1'-0" | 1

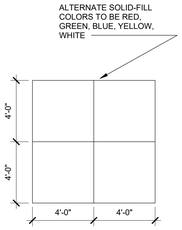


B HOPSCOTCH

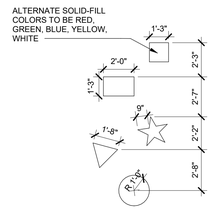
C TRAPEZOID



D GAME CIRCLE



E FOUR SQUARE



F SHAPES

KEYNOTES

SITE PLAN LEGEND

- PROPERTY LINE
- LIMITS OF WORK
- PROJECT BUILDING
- (N) ASPHALT CONCRETE PAVING
- (E) BUILDING
- LANDSCAPING
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE (2 / A-111)

PATH OF TRAVEL (P.O.T.)

- AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE
- IS AT LEAST 48" WIDE.
- NO ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL.
- THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH.
- PASSING SPACES (11B-403.2) AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART.
- PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS (11B-403.7) NOT MORE THAN 400' APART.
- THE CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED.
- (POT) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
- ARCHITECT SHALL VERIFY PATH OF TRAVEL CONFORMS WITH THE ABOVE.

X——X——X——X FENCE LINE

SITE PLAN GENERAL NOTES

1. SEE PLAYGROUND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
2. UNDERGROUND SERVICE ALERT SHALL BE CONTACTED PRIOR TO ANY EXCAVATION WORK ON THIS PROJECT.
3. THE CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING ABOVE AND UNDERGROUND UTILITIES. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE SHOWN FOR GENERAL INFORMATION ONLY.
4. DAMAGE TO ANY EXISTING UTILITIES, STRUCTURES, AND/OR SERVICES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND WITH PRIOR REVIEW AND APPROVAL BY THE ARCHITECT AND DSA.
5. CONTRACTOR TO REPAIR ALL EXISTING LANDSCAPE AREAS IMPACTED BY CONSTRUCTION ACTIVITIES. REPAIR TO INCLUDE ANY DAMAGE TO EXISTING IRRIGATION SYSTEM, RE-GRADING TO ENSURE PROPER DRAINAGE, SMOOTHING OF SURFACE, AND RE-SEEDING OR MULCHING TO MATCH ADJACENT AREAS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR MODIFYING ANY EXISTING IRRIGATION LINES DAMAGED OR IMPACTED DURING THE COURSE OF WORK IN ORDER TO PROVIDE A FULLY FUNCTIONAL SYSTEM AT PROJECT COMPLETION.
7. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED TO THE PREVENT DEBRIS AND UNSUITABLE MATERIALS FROM ENTERING STORM DRAINS, SANITARY SEWERS, NATURAL WATERWAYS, AND STREETS.
8. DUST CONTROL SHALL BE IMPLEMENTED AT ALL TIMES.
9. CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY FENCING TO ENSURE SITE IS SECURE AT ALL TIMES FOR CHILDREN OR OTHER USERS OF THE SCHOOL CAMPUS, INCLUDING STAGING AND ACCESS AREAS.
10. CONTRACTOR TO PROTECT EXISTING SITE IMPROVEMENTS AND RETURN CONSTRUCTION ACCESS AREA TO ITS ORIGINAL CONDITION UPON COMPLETION. STREET SWEEPING AND VACUUMING TO BE PROVIDED AS NEEDED DURING CONSTRUCTION.

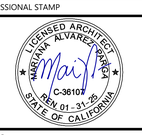
AGENCY APPROVAL DSA#

196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
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FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CRESCENT ES

1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE

STRIPING PLAN

DRAWN BY: XX JOB NUMBER: 22162

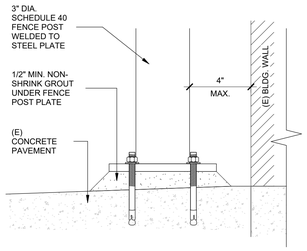
SHEET NO.

A-106

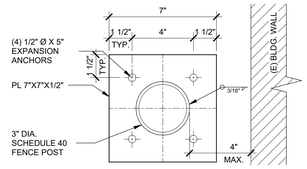
DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/21/2023 4:29:23 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Crescent_A22_dvargasTH8BX.rvt



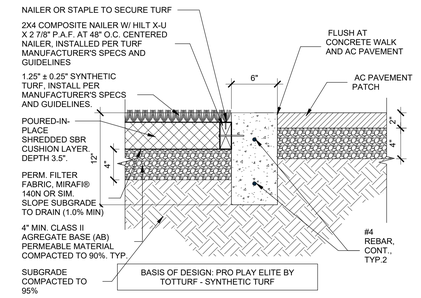
SECTION VIEW



PLAN VIEW

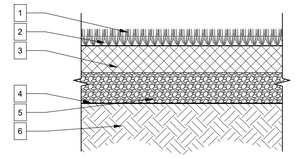
BASE PLATE @ C/L GATE POST ADJ. BLDG.

3" = 1'-0" | 7



CURB DETAIL @ AC PAVEMENT

1 1/2" = 1'-0" | 1



1	1.25" ± 0.25" SYNTHETIC TURF, INSTALL PER MANUFACTURER'S SPECS AND GUIDELINES.
2	0.5" ± 0.75" SYTHETIC INFILL.
3	POURED-IN-PLACE SHREDDED SBR CUSHION LAYER. DEPTH 3.5".
4	PERMEABLE FILTER FABRIC, MIRAFI® 140N OR SIMILAR.
5	4" MIN. CLASS II AGREGATE BASE (AB) PERMEABLE MATERIAL COMPACTED TO 90%. TYP.
6	SUBGRADE COMPACTED TO 95%

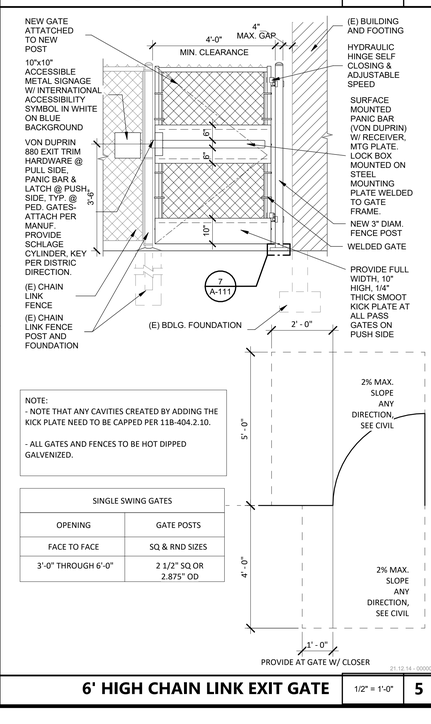
PLAYGROUND RESILIENT SURFACING BASIS OF DESIGN: TOTTURF® SYNTHETIC TURF PRO PLAY ELITE WITH ATTENUATION CUSSION LAYER

SYNTHETIC TURF W/ FALL ATTENUATION

1 1/2" = 1'-0" | 2

CURB DETAIL @ (E) CURB AND GUTTER

1 1/2" = 1'-0" | 3



NOTE:
- NOTE THAT ANY CAVITIES CREATED BY ADDING THE KICK PLATE NEED TO BE CAPPED PER 11B-404.2.10.

- ALL GATES AND FENCES TO BE HOT DIPPED GALVENIZED.

SINGLE SWING GATES	
OPENING	GATE POSTS
FACE TO FACE	SQ & RND SIZES
3'-0" THROUGH 6'-0"	2 1/2" SQ OR 2.875" OD

6' HIGH CHAIN LINK EXIT GATE

1/2" = 1'-0" | 5

AGENCY APPROVAL DSA#

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LICENSED ARCHITECT MARIANA ALVAREZ DE LA TORRE C-36107 RENEWAL 01 - 31 - 25 STATE OF CALIFORNIA

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PLAYGROUND REPLACEMENT AT CRESCENT ES

1001 Anderson Dr, Suisun City, CA 94585

SHEET TITLE

SITE DETAILS

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.

A-111

DATE: FEBRUARY 21, 2023

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FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT

PLAYGROUND REPLACEMENT AT

SUISUN VALLEY K8 SCHOOL

SYMBOLS

DRAFTING ITEMS

- DATUM - CONTROL POINT
- DIMENSION LINE AND TICK
- MATCHLINE - SEE: 1 / A101
- BREAK LINE
- 01.23.A KEYNOTE
- Name / Elevation PROJECT LEVEL MARKER
- 0 COLUMN GRID MARKER
- REVISION CLOUD
- CMNT # REVISION TAG
- PROJECT NORTH PROJECT NORTH ARROW

VIEW REFERENCES

- 1 / A101 SIM — VIEW REFERENCE / SHEET REFERENCE
- 1 / A101 SIM — DETAIL VIEW
- 1 / A101 TYP. — SECTION VIEW
- 1 / A101 SIM — ENLARGED VIEW
- 1A / A-101 / 1A / 1A — INTERIOR ELEVATION; VIEW REFERENCE / SHEET REFERENCE
- 99 / A1-100 EXTERIOR ELEVATION

ABBREVIATIONS

@	AT	ID	INSIDE DIAMETER
℄	CENTER LINE	INSUL	INSULATION OR INSULATED
d	PENNY	INV	INVERT
D#	POUND	LAV	LAVATORY
⊥	PERPENDICULAR	MATL	MATERIAL
∠	ANGLE	MAX	MAXIMUM
AB	ANCHOR BOLT	MB	MACHINE BOLT
AC	ASPHALTIC CONCRETE	MECH	MECHANICAL
ACT	ACOUSTICAL CEILING TILE	MFR	MANUFACTURE OR MANUFACTURER
AFF	ABOVE FINISH FLOOR	MH	MAN HOLE
ALT	ALTERNATE	MIN	MINIMUM
ALUM	ALUMINUM	MISC	MISCELLANEOUS
ANOD	ANODIZED	MO	MASONRY OPENING
APPROX	APPROXIMATE	N	NORTH
ARCH	ARCHITECT OR ARCHITECTURAL	(N)	NEW
BD	BOARD	NIC	NOT IN CONTRACT
BLDG	BUILDING	NO OR #	NUMBER
BLK(G)	BLOCK(ING)	NTS	NOT TO SCALE
BOB	BOTTOM OF BEAM	OC	ON CENTER
BM	BEAM	OD	OUTSIDE DIAMETER
CB	CATCH BASIN	OPNG	OPENING
CI	CAST IRON	PL	PLATE OR PROPERTY LINE
CJ	CONSTRUCTION JOINT	PLAM	PLASTIC LAMINATE
CLG	CEILING	PLAS	PLASTER (NUMBER - SEE SPECS)
CLR	CLEAR	PLYWD	PLYWOOD
CMU	CONCRETE MASONRY UNIT	PNT	PAINT (NUMBER - SEE SPECS)
CO	CLEAN OUT	PTDF	PRESSURE TREATED DOUGLAS FUR
COL	COLUMN	QT	QUARRY TILE
CONC	CONCRETE	RD	ROOF DRAIN
CONT	CONTINUOUS	REF	REFRIGERATOR
CSK	COUNTERSINK	REINF	REINFORCE OR REINFORCING
CW	COLD WATER	RH	ROUND HEAD
	CHANNEL	RM	ROOM
DBL	DOUBLE	RO	ROUGH OPENING
DEPT	DEPARTMENT	RWD	REDWOOD
DET	DETAIL	S	SOUTH
DF	DRINKING FOUNTAIN	SCH	SCHEDULE
DIA	DIAMETER	SD	STORM DRAIN
DIAG	DIAGONAL	SHR	SHOWER
DN	DOWN	SHT	SHEET
DS	DOWNSPOUT	SHTHG	SHEATHING
DWG	DRAWING	SIM	SIMILAR
E	EAST	SMACNA	THE ARCH SHEET METAL MANUAL
(E)	EXISTING	SPEC	SPECIFICATION
EB	EXPANSION BOLT	SQ	SQUARE
EJ	EXPANSION JOINT	SSTL	STAINLESS STEEL
ELEV	ELEVATION	STD	STANDARD
ELEC	ELECTRIC(AL)	STL	STEEL
EP	EDGE OF PAVING	SUSP	SUSPENDED
EQ	EQUAL	SYM	SYMMETRICAL
EQUIP	EQUIPMENT	TOB	TOP OF BEAM
FD	FLOOR DRAIN	TOC	TOP OF CURB OR TOP OF CONCRETE
FE(C)	FIRE EXTINGUISHER (& CABINET)	TCB	TOP OF CATCH BASIN
FF	FINISHED FLOOR	TEL	TELEPHONE
FG	FINISHED GRADE	TEMP	TEMPERATURE OR TEMPERED
FH	FLAT HEAD OR FIRE HYDRANT	T&G	TONGUE & GROOVE
FIN	FINISH	TP	TOP OF PAVING
FL	FLOW LINE	TS	STRUCTURAL TUBING
FLG	FLASHING	TV	TELEVISION
FLR	FLOOR	TOW	TOP OF WALL
FOC	FACE OF CONCRETE	TYP	TYPICAL (ITEMS TYPICAL UNLESS SHOWN
FOF	FACE OF FINISH		OR NOTED OTHERWISE)
FOM	FACE OF MASONRY	UON	UNLESS OTHERWISE NOTED
FOS	FACE OF STUD	VCT	VINYL COMPOSITION TILE
FRP	FIBERGLASS REINFORCED PANEL	VERT	VERTICAL
FT	FOOT OR FEET	VGDF	VERTICAL GRAIN DOUGLAS FIR
FTG	FOOTING	VTR	VENT THRU ROOF
GA	GAUGE	W	WEST
GALV	GALVANIZED	WC	WATER CLOSET
GB	GRAB BAR, GRADE BREAK	W.C.	WHEELCHAIR ACCESSIBLE
GL	GLASS	WD	WOOD
GLB	GLUE LAMINATED BEAM	WF	WIDE FLANGE
GYP	GYPSUM	WH	WATER HEATER
GWB	GYPSUM WALL BOARD	WP	WATERPROOF
HB	HOSE BIBB	WS	WOOD SCREW
HDR	HEADER	WSCT	WAINSCOT
HGT	HEIGHT	WWF	WELDED WIRE FABRIC
HORIZ	HORIZONTAL	W/	WITH
HTR	HEATER	W/O	WITHOUT
HVAC	HEATING/VENTILATING/AIR CONDITIONING		

GENERAL PROJECT NOTES - K12

1. ALL WORK SHALL CONFORM TO 2022 TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR).
2. THE PROJECT MANUAL AND SPECIFICATIONS IN CONJUNCTION WITH THESE DRAWINGS AND REFERENCES SHALL FORM A PART OF THE CONTRACT AND SHALL BE REFERRED TO AS THE "DOCUMENTS." THE DOCUMENTS DEFINE THE WORK TO BE PERFORMED AS AGREED TO IN THE CONTRACT
3. CHANGES TO APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1, T24 CCR.
4. A DSA CERTIFIED **INSPECTOR CLASS 3** SHALL BE EMPLOYED BY THE DISTRICT AND SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTION ARE DEFINED IN SECTION 4-342, PART 1, T24, CCR.
5. APPARENT DISCREPANCIES ON DRAWINGS AND/OR SPECIFICATIONS SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
6. ANY DIFFERENCE BETWEEN THE EXISTING CONSTRUCTION AS OBSERVED IN THE FIELD AND AS SHOWN ON THE DRAWING SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND COORDINATING DIMENSIONS.
8. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE THAT ALL APPLICABLE SAFETY LAWS ARE STRICTLY ENFORCED AND TO MAINTAIN A SAFE CONSTRUCTION PROJECT.
9. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE SUPERVISION OF THE CONSTRUCTION WORK TO ENSURE THAT IT IS BUILT IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. THE ARCHITECT WILL PROVIDE ONLY PERIODIC OBSERVATION OF THE WORK. SEE NOTE 4 FOR DSA INSPECTION REQUIREMENTS.
10. ANY DAMAGE DONE TO THE EXISTING CONSTRUCTION DURING THE COURSE OF THIS WORK SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE WITH NO ADDITIONAL COST TO THE OWNER.
11. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD & ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
12. THE SEISMIC ANCHORAGE OF MECHANICAL AND ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, 2022 CBC SECTION 1616A.1.18 AND ASCE-7-16 SECTION 13.6 ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT SHALL BE SHOWN ON PLANS.
13. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN THE DRAWINGS OR ACCEPTED BY THE ARCHITECT AND THE STRUCTURAL ENGINEER WITH THE APPROVAL OF DSA REPRESENTATIVE. ALL WELDING SHALL BE SPECIALLY INSPECTED BY AN AWS-CWI QUALIFIED INSPECTOR APPROVED BY DSA. ALL BRACING OF DUCTS AND PIPING SHALL BE INSTALLED AS APPROVED BY DSA. WHERE BRACING DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT, MECHANICAL ENGINEER AND FIELD ENGINEER. A COPY OF THE DRAWINGS APPROVED BY DSA SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB AT ALL TIMES.
14. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANGE DOCUMENT, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
15. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
16. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COMPLY WITH CFC CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.
17. DO NOT SCALE DRAWINGS, DIMENSIONS SHOWN SHALL TAKE PRECEDENCE OVER DRAWING SCALE.WHENEVER DSA FINDS ANY CONSTRUCTION WORK IS BEING PERFORMED IN A MANNER CONTRARY TO THE PROVISIONS OF THE CALIFORNIA BUILDING CODE AND THAT WOULD COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING, THE DEPARTMENT OF GENERAL SERVICES, STATE OF CALIFORNIA, IS AUTHORIZED TO ISSUE A STOP WORK ORDER PER SECTION 4-334.1 CALIFORNIA ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR).
18. TITLE 24 PARTS 1-5 AND 9 MUST BE KEPT ON SITE DURING CONSTRUCTION
19. ALL STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING MATERIALS INSTALLATION TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S RECOMMENDATIONS.
20. PROJECT INSPECTION (PI) SHALL WITNESS AND VERIFY GROUNDING.

PROJECT DESCRIPTION

- REPLACE PLAY STRUCTURE AND RUBBERIZED SURFACE (1373.86 SF) WITH (N)
- INSTALL FLUSH CONCRETE CURB AT PERIMETER OF PLAY AREA
- PROVIDE SD INLETS AND CONNECT TO (E) SD
- NATURAL TURF
- 5' WIDE ASPHALT TRICYCLE TRACK -**OPTION** - DEMOUNTABLE TRICYCLE PATH OVER NATURAL TURF

PROPOSED ACCESSIBILITY UPGRADES

- PAVING IMPROVEMENT AT BUILDING ENTRANCE
- REPLACE (E) GATE W/ ADA COMPLIANT OR PROVIDE (N)
- UPDATING ACCESSIBLE PARKING STALL BY AREA OF WORK

NOTE: ADA IMPROVEMENTS WILL BE LIMITED TO 20% OF CONSTRUCTION COST

DEFERRED APPROVALS

NONE.

APPLICABLE CODES AND STANDARDS

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2023*

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 1
2022 CALIFORNIA BUILDING CODE (CBC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2
(2021 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ELECTRICAL CODE (CEC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3
(2021 NATIONAL ELECTRICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA MECHANICAL CODE (CMC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 4
(2021 IAPMO UNIFORM MECHANICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA PLUMBING CODE (CPC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 5
(2021 IAPMO UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ENERGY CODE (CEC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 6
2022 CALIFORNIA FIRE CODE (CFC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 9
(2021 INTERNATIONAL FIRE CODE AND 2022CALIFORNIA AMENDMENTS)
2022 CALIFORNIA EXISTING BUILDING CODE (CEBC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 10
(2021 INTERNATIONAL EXISTING BUILDING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11
2022 CALIFORNIA REFERENCED STANDARDS CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 12
(PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS)
2022 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS
(PER 2022 CBC PART 2 CH 35)
CALOSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

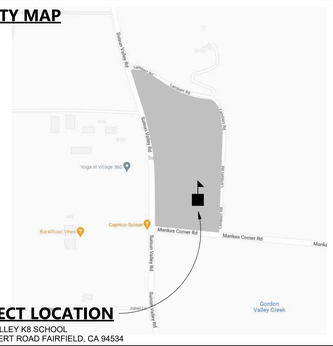
PARTIAL LIST OF APPLICABLE STANDARDS

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80. SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

NFPA 13-22 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
NFPA 14-19 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
NFPA 10-21 - STANDARD FOR PORTABLE FIRE EXTINGUISHERS
NFPA 12-15 - STANDARD ON CARBON DIOXIDE EXTINGUISHING SYSTEMS
NFPA 12A-18 - STANDARD ON HALON 1301 FIRE EXTINGUISHING SYSTEMS
NFPA 13-22 - STANDARD FOR INSTALLATION OF SPRINKLER SYSTEMS (AS AMENDED)
NFPA 17-21 - STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS
NFPA 17A-21 - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS
NFPA 20-19 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
NFPA 24-19 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (AS AMENDED)
NFPA 72-22 - NATIONAL FIRE ALARM AND SIGNALING CODE (AS AMENDED)
NFPA 80-19 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES
UL 300-2005(R2010) - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT
UL 464-03 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES
UL 521-99 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS
UL 1971-2002(R2010) - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED
ICC 300-17 - STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS

*ALL PARTS OF THE 2022 TITLE 24 HAVE AN EFFECTIVE DATE OF JANUARY 1, 2023 EXCEPT: 2022 CALIFORNIA ADMINISTRATIVE CODE - EFFECTIVE MARCH 5, 2022

VICINITY MAP



PROJECT LOCATION

SUISUN VALLEY K8 SCHOOL
4985 LAMBERT ROAD FAIRFIELD, CA 94534

SHEET INDEX

SHEET #	SHEET NAME
1. OVERALL GENERAL INFORMATION	
G-001	TITLE SHEET
GENERAL SHEETS TOTAL: 1	
2. CIVIL ENGINEERING	
C0.1	CIVIL COVER SHEET
C0.2	TOPOGRAPHIC SURVEY
C1.1	DEMOLITION PLAN
C2.1	GRADING AND DRAINAGE PLAN
C3.1	DETAILS
CIVIL SHEETS TOTAL: 5	
3. LANDSCAPE ARCHITECTURE	
L1.1	LADSCAPE PLAN
L2.1	IRRIGATION PLAN
L3.1	DETAILS
LANDSCAPE ARCHITECTURE SHEETS TOTAL: 3	
4. ARCHITECTURAL DRAWINGS	
A-101	SITE PLAN & ACCESSIBILITY PLAN
A-102	ENLARGED SITE PLAN
A-103	STRIPING PLAN
A-104	FENCE AND GATE PLAN
A-111	PLAYGROUND DETAILS
A-112	SITE DETAILS
ARCHITECTURAL SHEETS TOTAL: 6	
OVERALL SHEET TOTAL: 15	

REV #	DATE

STATEMENT OF GENERAL CONFORMANCE

THE PC DRAWINGS SHEETS LISTED BELOW ON THE SHEET INDEX OF THIS COVER 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:

1) DESIGN INTENT, AND IT APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS, AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND
2) COORDINATION WITH MY PLANS AND SPECIFICATIONS, AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF EDUCATION CODE, AND SECTIONS 4-336, 4-341 AND 4-334 OF TITLE 24, PART 1 (*TITLE 24, PART 1, SECTION 4-317 (B)*).

I FIND THAT: ■ ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET

☐ THIS DRAWING OR PAGE

■ IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN, AND

■ HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

SIGNATURE — 02/09/2023 DATE

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

MARIANA ALVAREZ PARGA
PRINT NAME

C-36107 — 01/31/25
LICENSE NUMBER — EXPIRATION DATE

AGENCY APPROVAL DSA#

196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
SAN JOSE, CA 95126
TEL (408) 715-4470

CONSULTANTS

CIVIL ENGINEER
WARREN CONSTULTING ENGINEERS
1117 WINDFIELD WAY, STE 110
EL DORARO HILLS, CA 95762
P: (916) 985-1870

LANDSCAPE ARCHITECT
MTW GROUP
2707 K STREET, SUITE 201
SACRAMENTO, CA 95816
P: 99160 369-3990

PROFESSIONAL STAMP

LICENSED ARCHITECT — MARIANA ALVAREZ PARGA — C-36107 — RENEWAL 01 - 31 - 25 — STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

THE ARCHITECT DOES NOT REPRESENT THAT THESE PLANS OR THE SPECIFICATIONS ARE SUITABLE FOR ANY SITE OTHER THAN THE ONE FOR WHICH THEY WERE SPECIFICALLY PREPARED. THE ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.

PROJECT OWNER & TITLE

FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8
4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE

TITLE SHEET

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.

G-001

DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/21/2023 4:17:10 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Suisun Valley_A22_dvargasTH8BX.rvt

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AB	AGGREGATE BASE
AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
ASB	AGGREGATE SUB-BASE
BO	BLOW-OFF VALVE
BV	BUTTERFLY VALVE
BW	BACK OF WALK
C/L	CENTERLINE
CB	CATCH BASIN
CJ	CONTROL JOINT
CL	CLASS
CMP	CORRUGATED METAL PIPE
CATV	CABLE TELEVISION
CO	CLEANOUT
COMM	COMMUNICATION
CONC.	CONCRETE
CONST.	CONSTRUCT
CR	CURB RETURN
CS	CONCRETE SURFACE
DC	DOUBLE CHECK VALVE
DDC	DOUBLE DETECTOR CHECK VALVE
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
DS	DOWNSPOUT
E	ELECTRIC
EJ	EXPANSION JOINT
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
FS	FIRE SERVICE LINE
FDC	FIRE DEPARTMENT CONNECTION
FL	FLOWLINE
FM	SANITARY SEWER FORCE MAIN
FF	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
G	GAS
GB	GRADE BREAK
GR	GRATE ELEVATION
GRD	GRADE ELEVATION
GV	GATE VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	PIPE INVERT ELEVATION
JP	JOINT UTILITY POLE
LF	LINEAL FEET
LIP	LIP OF GUTTER
LT	LEFT
MS	MOWSTRIP
NTS	NOT TO SCALE
OH	OVERHEAD
PAD	BUILDING PAD
PCC	PORTLAND CEMENT CONCRETE
PD	PLANTER DRAIN
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
PP	POWER POLE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
R	RADIUS
RIM	MANHOLE RIM ELEVATION (SOLID COVER)
RP	REDUCED PRESSURE BACKFLOW PREVENTER
RW	RIGHT OF WAY
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SG	SUBGRADE ELEVATION
SP	FIRE SPRINKLER SERVICE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
S/W	SIDEWALK
T	TELEPHONE
TC	TOP OF CURB
TD	TRENCH DRAIN
TDCB	TRENCH DRAIN CATCH BASIN
TP	TELEPHONE POLE
TRW	TOP OF RETAINING WALL
TSW	TOP OF SEAT WALL
TW	TOP OF WALK ELEVATION
U	UTILITY
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
VCP	VITRIFIED CLAY PIPE
W	WATER
W/	WITH
W/O	WITHOUT
WV	WATER VALVE

LEGEND

NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

PROPOSED GRADING & DRAINAGE SYMBOLS:

- 8" SD — STORM DRAIN LINE (SIZE AND FLOW SHOWN)
- STORM DRAIN MANHOLE (SDMH)
- CATCH BASIN (CB)
- DROP INLET (DI)
- AREA DRAIN (AD)
- PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)
- CO — STORM DRAIN CLEANOUT
- 99.99 — ELEVATION
- FF=100.00 — FINISHED FLOOR ELEVATION
- PAD=99.33 — BUILDING PAD ELEVATION
- CONCRETE SIDEWALK
- GRADED DIRECTION FOR DRAINAGE FLOW
- SWALE
- SLOPE
- TREE TO BE REMOVED
- RETAINING WALL

PROPOSED SANITARY SEWER SYMBOLS:

- 6" SS — SANITARY SEWER LINE (SIZE AND FLOW SHOWN)
- SANITARY SEWER MANHOLE (SSMH)
- CO — SEWER CLEANOUT FLUSHER BRANCH

PROPOSED WATER SYMBOLS:

- 8" W — WATER LINE & SIZE
- 8" FS — FIRE LINE & SIZE
- 8" DW — DOMESTIC WATER LINE & SIZE
- 8" RW — RECLAIMED WATER LINE & SIZE
- 8" IRR — IRRIGATION SERVICE LINE & SIZE
- 8" NP — NON POTABLE WATER LINE & SIZE
- 8" SP — FIRE SPRINKLER SERVICE LINE & SIZE
- GATE VALVE
- M — WATER METER
- FH — FIRE HYDRANT ASSEMBLY
- FDC — FIRE DEPARTMENT CONNECTION
- DC — DETECTOR CHECK VALVE
- DDC — DOUBLE DETECTOR CHECK VALVE
- RP — REDUCED PRESSURE BACKFLOW PREVENTER
- BUTTERFLY VALVE
- 1" — AIR RELEASE VALVE + SIZE
- 1" — BLOW-OFF VALVE + SIZE
- PIV — POST INDICATOR VALVE

GENERAL NOTES

1. THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.
2. WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
3. IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
4. CONTRACTOR AGREES THAT HE/SHE 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 SHALL NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER 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 ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE NECESSARY PRE-CONSTRUCTION SITE REVIEWS TO DETERMINE NECESSARY MEANS AND METHODS TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS.
7. WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
9. IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK.. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
10. NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
11. SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
12. ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER MAINS.
13. CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION.
14. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
15. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
16. NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
17. WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
18. ALL CONTRACTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4 THE SLAB THICKNESS DEEP, BUT NO LESS THAN 1" FOR CONTROLLING OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS OUTSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
19. ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
20. 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION, AND A 6" FELT JOINT FOR A 6" SLAB SLAB CONSTRUCTION.
21. SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS, THEN THE CONCRETE SLAB SHALL BE SAWCUT AT THE NEAREST JOINTS ON EACH SIDE OF THE CRACK AND THE CONCRETE SECTION SHALL BE, REMOVED AND REPLACED. NEW CONCRETE SHALL BE DOWELED INTO EXISTING CONCRETE PER DRAWING DETAIL.
22. ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDROSEEDED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.
23. REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01. GALVANIZING PAINTS WILL NOT BE ALLOWED.

SHEET INDEX

C0.1	CIVIL COVER SHEET
C0.2	TOPOGRAPHIC SURVEY
C1.1	DEMOLITION PLAN
C2.1	GRADING AND DRAINAGE PLAN
C3.1	DETAILS

Know what's below. Call before you dig.

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PROJECT OWNER & TITLE

FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8

4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE

CIVIL COVER SHEET

DRAWN BY: MG JOB NUMBER: 22162

SHEET NO.

C0.1

DATE: JANUARY 31, 2023

CONSTRUCTION DOCUMENT

FILENAME: I:\22-160\CIVIL\DWG\22-160 C0.1.DWG

EXISTING TOPOGRAPHY

- = PROPERTY LINE
- = CENTERLINE
- = EASEMENT
- = PROPERTY CORNER FOUND AS NOTED
- = PROPERTY CORNER NOTHING FOUND OR SET
- 123 = TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
- = SWALE OR DRAINAGE FLOW
- = DRAINAGE FLOW
- = FENCE (TYPE NOTED)
- = TREE (SIZE/TYPE INDICATED)
- = SLOPE
- 100 = CONTOUR
- = CONCRETE SURFACE
- = EDGE OF ASPHALT
- = EDGE OF BUILDING
- = SIGN
- = POST OR BOLLARD
- 99.9 = GROUND ELEVATION
- 99.99 = HARD SURFACE ELEVATION

EXISTING UTILITIES

- 12"SD = STORM DRAIN LINE (SIZE + DIRECTION OF FLOW)
- 12"SD = STORM DRAIN LINE (RECORD INFORMATION)
- 12"SD = STORM DRAIN LINE (UNDERGROUND LOCATING)
- = STORM DRAIN MANHOLE
- = STORM DRAIN CLEANOUT
- = DROP INLET
- = AREA DRAIN
- RWL = RAIN WATER LEADER
- DS = DOWNSPOUT
- 12"SS = SANITARY SEWER LINE (SIZE + DIRECTION OF FLOW)
- 12"SS = SANITARY SEWER LINE (RECORD INFORMATION)
- 12"SS = SANITARY SEWER LINE (UNDERGROUND LOCATING)
- = SANITARY SEWER MANHOLE
- = SANITARY SEWER CLEANOUT
- —W— = WATER LINE (SIZE INDICATED)
- – – –W– – = WATER LINE (RECORD INFORMATION)
- — —W— — = WATER LINE (UNDERGROUND LOCATING)
- = WATER MANHOLE
- = WATER VALVE
- = WATER METER
- = WATER BOX
- = IRRIGATION CONTROL VALVE
- = FIRE HYDRANT
- = BACKFLOW PREVENTER
- = SPRINKLER
- = HOSE BIBB
- —OH-E— = OVERHEAD ELECTRIC LINE
- ——E—— = UNDERGROUND ELECTRIC LINE
- – – –E– – – = UNDERGROUND ELECTRIC LINE (RECORD INFORMATION)
- — —E— — = UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
- = ELECTRIC MANHOLE
- = UTILITY POLE (WITH GUY WIRE)
- = ELECTRIC METER
- = ELECTRIC BOX
- = STREET LIGHTING BOX
- OR = LIGHT STANDARD
- = SIGNAL LIGHT
- = FLOOD LIGHT
- = ELECTRICAL OUTLET
- —G— = GAS LINE (SIZE INDICATED)
- – – –G– – – = GAS LINE (RECORD INFORMATION)
- — —G— — = GAS LINE (UNDERGROUND LOCATING)
- = GAS MANHOLE
- = GAS VALVE
- = GAS METER
- —T— = TELEPHONE LINE
- – – –T– – – = TELEPHONE LINE (RECORD INFORMATION)
- — —T— — = TELEPHONE LINE (UNDERGROUND LOCATING)
- = STORM DRAIN BOX
- = TRAFFIC SIGNAL BOX

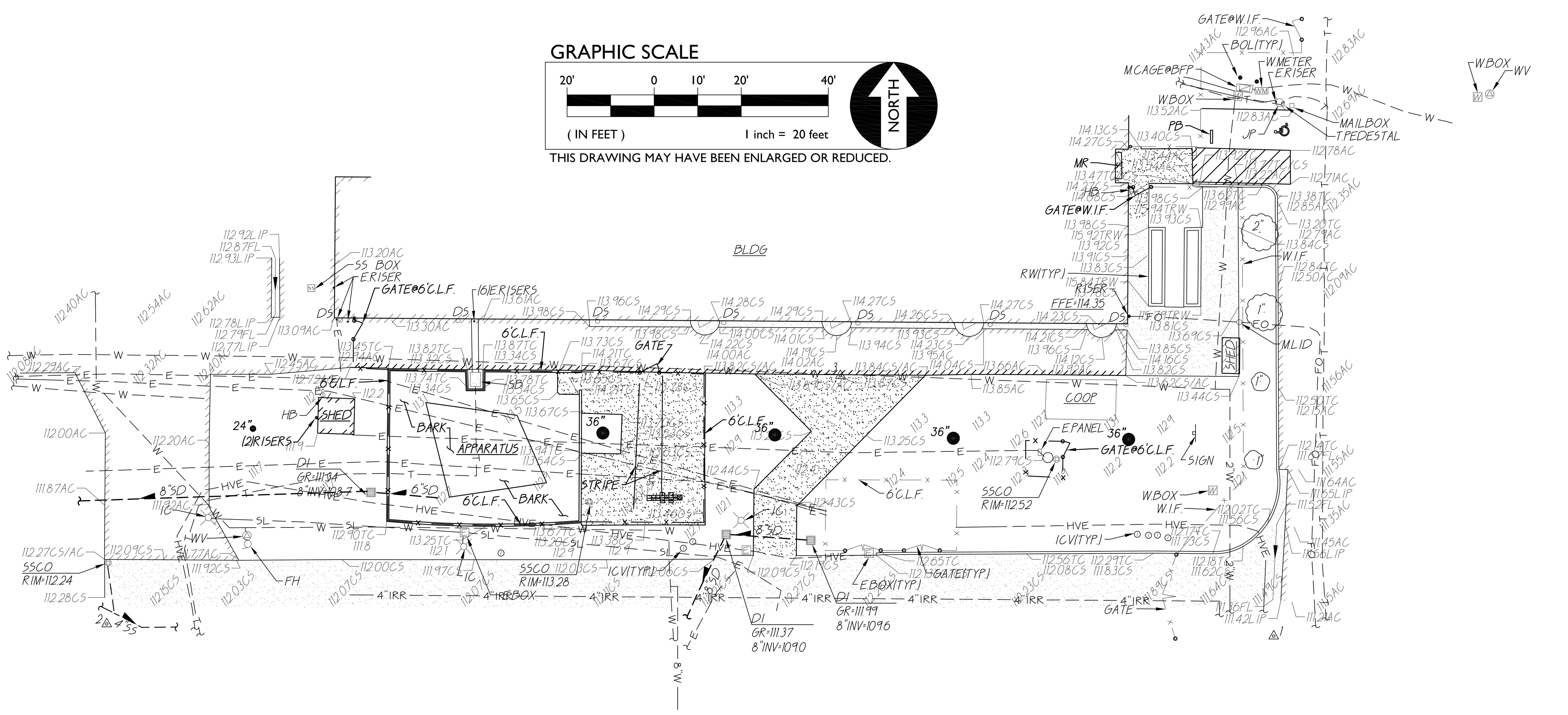
ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AC	ASPHALTIC CONCRETE
ACC	ACCESSIBLE
ACU	AIR CONDITIONING UNIT
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
BBALL	BASKETBALL POLE
BCM	BRASS CAP MONUMENT
BFP	BACK FLOW PREVENTER
BL.	BLOCK
BLDG	BUILDING
BOL	BOLLARD
BOV	BLOW-OFF VALVE
BR.	BRICK
B.W.F.	BARBED WIRE FENCE
C	COMMUNICATION
C/L	CENTERLINE
CATV	CABLE TELEVISION
CIP	CAPPED IRON PIPE
C.L.F.	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
COL	COLUMN
CONC.	CONCRETE
COND.	CONDENSATE
CPF	CONTROL POINT FOUND
CPS	CONTROL POINT SET
CS	CONCRETE SURFACE
D	DEPTH
DF	DRINKING FOUNTAIN
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DRWY	DRIVEWAY
DS	DOWNSPOUT
DWG	DRAWING
E	ELECTRIC
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
FA	FIRE ALARM
FDC	FIRE DEPARTMENT CONNECTION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FL	FLOWLINE
FO	FIBER OPTIC
FS	FIRE SERVICE
G	GAS
GB	GRADE BREAK
GR	GRATE
GRB	GROUND ROD BOX
GROD	GROUND ROD
GV	GAS VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HP	HIGH PRESSURE
HR	HANDRAIL
HVE	HIGH VOLTAGE ELECTRIC
HWF	HOG WIRE FENCE
IC	IN CONCRETE
ICP	IRRIGATION CONTROL PANEL
ICV	IRRIGATION CONTROL VALVE
INV	PIPE INVERT ELEVATION
IRR	IRRIGATION
JP	JOINT UTILITY POLE
JT	JOINT TRENCH
LNDG	LANDING
LVE	LOW VOLTAGE ELECTRIC
M.	METAL
MH	MANHOLE
MR	METAL RAMP
MSC	METAL STORAGE CONTAINER
NTS	NOT TO SCALE
OH	OVERHEAD
OHANG	OVERHANG
OIP	OPEN IRON PIPE
OSPH	OLD STEEL POST HOLE
P/L	PROPERTY LINE
PA	PLANTER AREA
PB	PARKING BUMPER
PH	POSTHOLE
PIV	POST INDICATOR VALVE
PP	POWER POLE
PRKG	PARKING
PUE	PUBLIC UTILITY EASEMENT
PV	PAVERS
PVC	POLYVINYL CHLORIDE
R	RUBBER
RG	ROLLING GATE
RIM	MANHOLE RIM ELEVATION
RW	RETAINING WALL
RWL	RAIN WATER LEADER
SB	SIGNAL BOX
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SIG	SIGNAL
SL	STREET LIGHT
SLB	STREET LIGHT BOX
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
STL.	STEEL
T	TELEPHONE
TBALL	TETHER BALL POLE
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
TOW	TOP OF WALL
TP	TELEPHONE POLE
TRW	TOP OF RETAINING WALL
UG	UNDERGROUND
UNK	UNKNOWN
V	VENT
VBALL	VOLLEYBALL
W	WATER
W/	WITH
WD.	WOOD
WF	WOOD FENCE
W.I.F.	WROUGHT IRON FENCE
W.R.F.	WOOD RAIL FENCE
XF	TRANSFORMER
XWALK	CROSSWALK

TBM LIST

NUMBER	DESCRIPTION	NORTHING	EASTING	ELEV
1	CPS CHISELED "+"	1866887.83	6528298.74	111.34
2	CPS CHISELED "+"	1866890.63	6528030.75	112.23
3	CPS CHISELED "+"	1866947.57	6528199.24	113.87



A.P.N.	

BENCHMARK NO. ________ ELEV. 26.40

THE BENCHMARK FOR THIS PROJECT IS CAL TRANS MONUMENT HPGN D CA 10 LC, AN ALUMINUM DISK STAMPED 10-LC 1993, LOCATED IN THE NORTHEAST CORNER OF THE PARK AND RIDE LOT AT THE INTERSECTION OF INTERSTATE 80 AND GREEN VALLEY ROAD. ELEVATION TAKEN AS 26.40' NAVD 88 DATUM.

BASIS OF BEARINGS:
ASSUMED

NOTE:
EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES AND RECORD INFORMATION.

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Fairfield, CA 94534

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4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE

TOPOGRAPHIC SURVEY

DRAWN BY: MG JOB NUMBER: 22162

SHEET NO.

C0.2

DATE: JANUARY 31, 2023

CONSTRUCTION DOCUMENT

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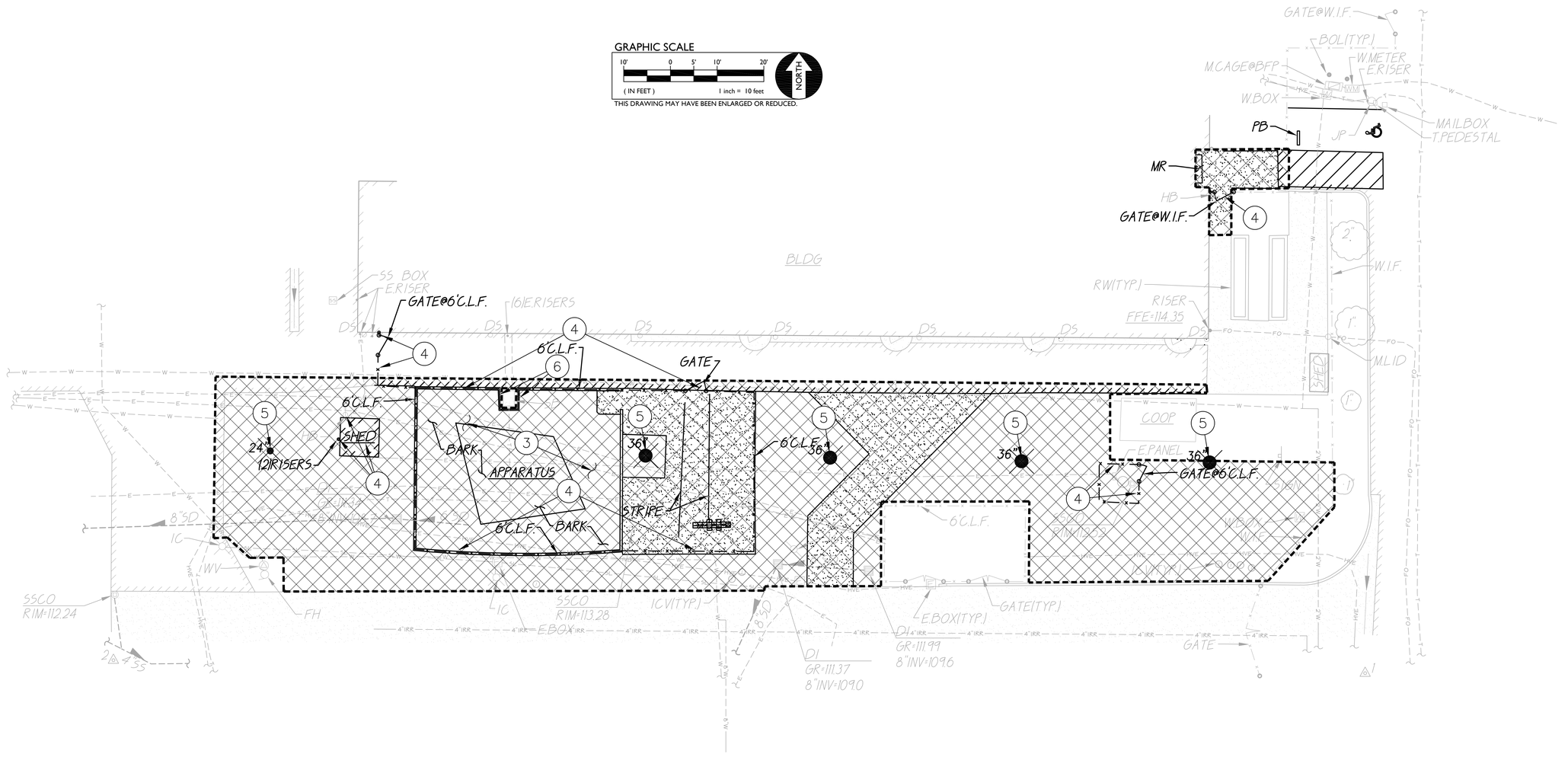
GRAPHIC SCALE

10' 0 5' 10' 20'

(IN FEET) 1 inch = 10 feet

NORTH

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.



DEMOLITION GENERAL NOTES

1. REFER TO ARCHITECTURAL, LANDSCAPE, ELECTRICAL AND PLUMBING PLANS FOR ADDITIONAL DEMOLITION ITEMS.
2. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
3. ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
4. ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
5. ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
6. THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTENT.
7. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REPLACED WITH NEW BOX/COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
8. ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
9. EXISTING UTILITY STRUCTURES AND PIPING NOT SHOWN ON DEMOLITION PLAN TO BE REMOVED SHALL REMAIN AND BE PROTECTED.
10. SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS, HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.
11. PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.
12. WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.
13. COORDINATE REMOVAL OF LANDSCAPE ITEMS WITH LANDSCAPE PLANS.

DEMOLITION NOTES

1. SAWCUT, REMOVE AND DISPOSE OF EXISTING PAVING, CURBS AND LANDSCAPE MATERIALS. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
2. SHED TO BE RELOCATED. COORDINATE WITH OWNER. REMOVE ELECTRICAL RISER AND WIRE BACK TO BUILDING. SEE SHEET C2.1 FOR WATER RISER.
3. REMOVE AND DISPOSE OF EXISTING FENCING, GATES, POST AND ASSOCIATED FOOTINGS. COORDINATE LIMITS WITH ARCHITECTURAL PLANS.
4. REMOVE EXISTING APPARATUS.
5. REMOVE AND DISPOSE OF EXISTING TREE STUMP, AND ASSOCIATED ROOTS.
6. REMOVE CONCRETE CURB AND FENCE AT ELECTRICAL BOX. BOX TO REMAIN.

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SHEET TITLE
DEMOLITION PLAN

DRAWN BY: MG JOB NUMBER: 22162

SHEET NO.
C1.1

DATE: JANUARY 31, 2023

CONSTRUCTION DOCUMENT

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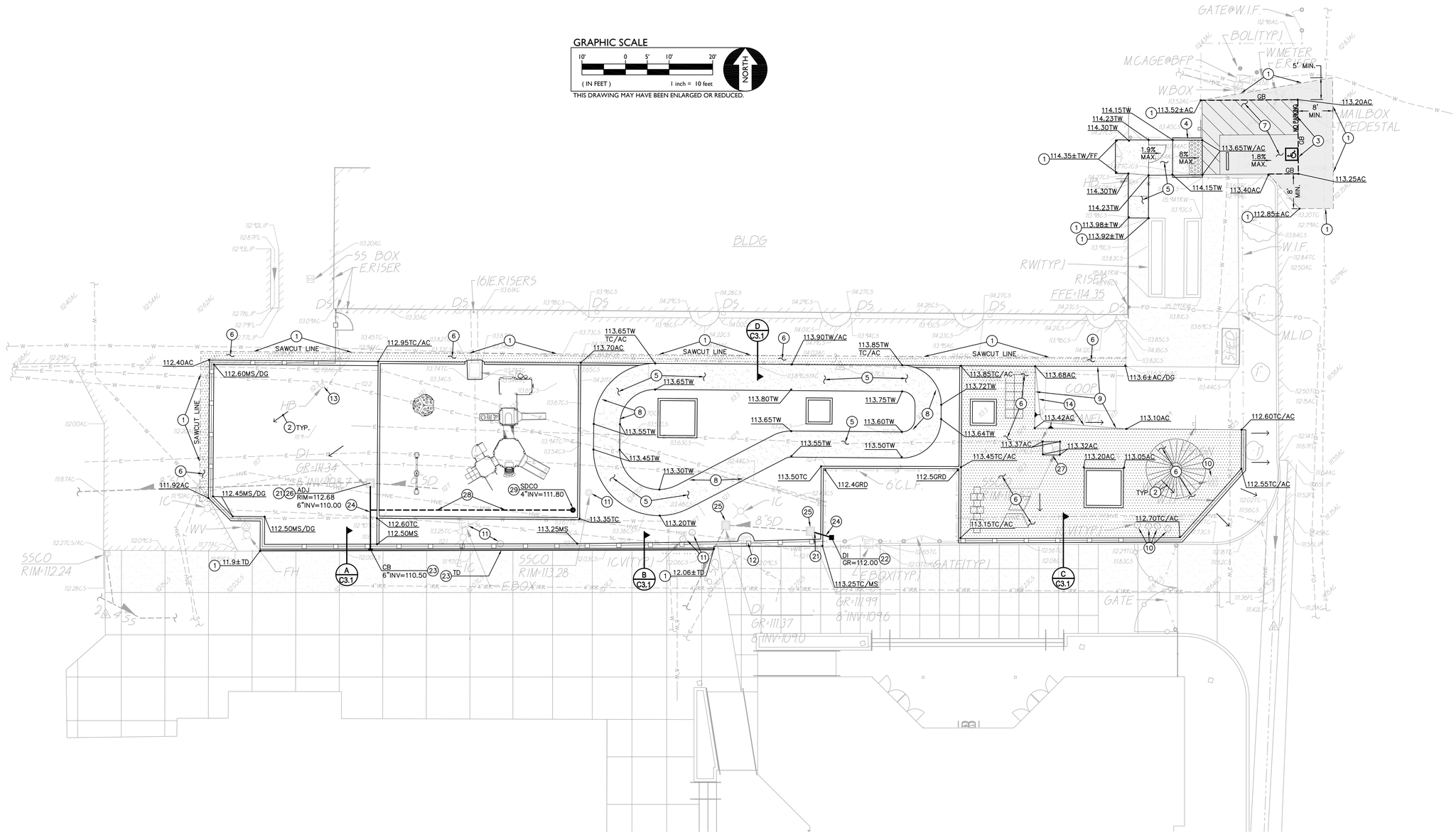
GRAPHIC SCALE

10' 0 5' 10' 20'

(IN FEET) 1 inch = 10 feet

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GRADING NOTES

1. MATCH EXISTING.
2. GRADE UNIFORMLY.
3. PROVIDE ACCESSIBLE STRIPING PER (6 C3.1) (7 C3.1) (8 C3.1)
4. CONSTRUCT CURB RAMP PER (13 C3.1)
5. PLACE 4" PCC WITH NO. 3 BARS AT 24" O.C. EACH WAY OVER 6" AB COMPACTED TO 95% ON SUBGRADE COMPACTED PER SPECIFICATIONS. (1 C3.1)
6. PLACE 3.5" MIN. AC OVER 13" AB ON SUBGRADE COMPACTED PER SPECIFICATIONS.
7. PROVIDE 1.5" MIN. OVERLAY. GRIND AT LIMITS TO PROVIDE MIN. THICKNESS.
8. PROVIDE THICKENED EDGE AT LIMITS OF BIKE PATH WHERE ADJACENT TO PLAY SURFACE PER (9 C3.1)
9. PROVIDE HEADER BOARD AT LIMITS OF AC PAVING PER (12 C3.1)
10. PROVIDE NEW CONCRETE UTILITY BOX AND STEEL SLIP PROOF COVER, AND ADJUST BOX TO FINISH GRADE.
11. ADJUST EXISTING UTILITY BOX TO SUBGRADE ELEVATION.
12. ADJUST UTILITY BOX TO FINISH GRADE AND PROVIDE ROUNDED CONCRETE APRON AROUND BOX.
13. REMOVE EXISTING WATER RISER AND PROVIDE GATE VALVE ON EXISTING PIPE BELOW GRADE. CAP END OF PIPE AND PROVIDE CONCRETE VALVE BOX.
14. PROVIDE 3:1 MAX SLOPE TO EXISTING GRADE.

DRAINAGE NOTES

21. CONNECT TO EXISTING STORM DRAIN. POTHOLE AND FIELD VERIFY DEPTH PRIOR TO ANY TRENCHING.
22. PROVIDE DROP INLET PER (2 C3.1)
23. PROVIDE TRENCH DRAIN PER (4 C3.1)
24. PLACE 6" STORM DRAIN PER (3 C3.1)
25. PROVIDE FILTER FABRIC OVER EXISTING GRATE AND LEAVE AT EXISTING ELEVATION.
26. ADJUST INLET TO GRADE NOTED AND PROVIDE SOLID COVER.
27. PROVIDE 3'X4' CONCRETE VAULT GRADE RING AROUND PUMP COVER AND CLEANOUT AND COCKING STEEL COVER.
28. PROVIDE 4" APPARATUS DRAIN PER (10 C3.1)
29. PROVIDE STORM DRAIN CLEANOUT PER SET TOP OB BOX AT SUBGRADE ELEVATION. (11 C3.1)

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GRADING AND DRAINAGE PLAN

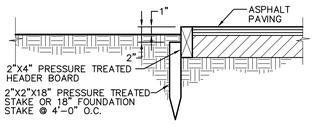
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SHEET NO.
C2.1

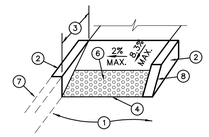
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CONSTRUCTION DOCUMENT

FILENAME: I: \22-160\CIVIL\DWG\22-160 C2.1.DWG



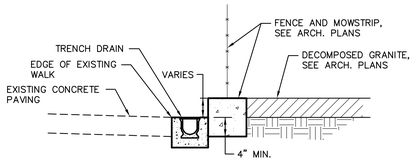
12 C3.1 HEADER BOARD
NO SCALE



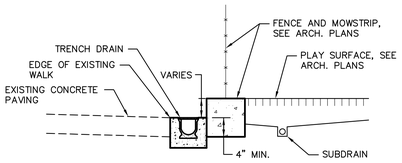
◯ LEGEND

1. PAVEMENT.
2. TOP FACE OF CURB, STANDARD 6" HIGH.
3. 8.3% (1:12) MAXIMUM SLOPE.
4. TRANSITION SHALL BE FLUSH AND FREE OF ABRUPT CHANGE PER CALIFORNIA BUILDING CODE, TITLE 24, SECTION 11B-406.5.8.
5. 6" WIDE RETAINING CURB, HEIGHT TO BE DETERMINED BY PROJECTED BACK OF WALK GRADE AT EACH END OF CURB RETURN AND BACK OF LANDING SURFACE.
6. PLACE 36" DEEP PREFABRICATED CAST IN PLACE DETECTABLE WARNING TILE BY ARMOR-TILE OR APPROVED EQUAL. (5 C3.1)
7. EXISTING CURB.
8. PROVIDE 45 DEGREE TRANSITION TO FLUSH CONDITION.

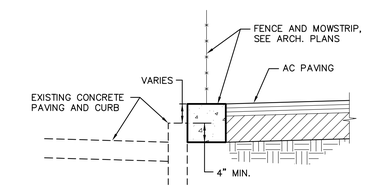
13 C3.1 ACCESSIBLE RAMP
NO SCALE



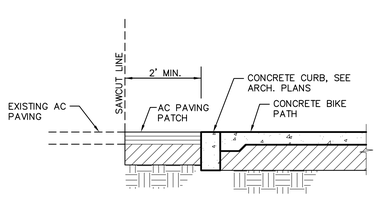
A C3.1 SECTION
NO SCALE



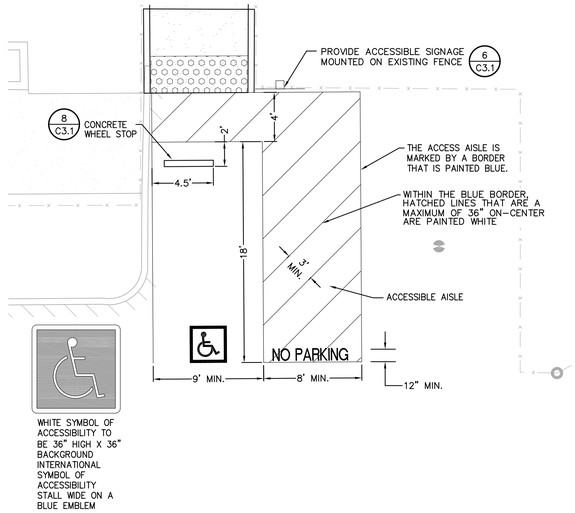
B C3.1 SECTION
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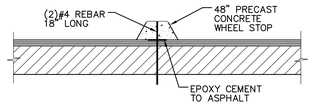
C C3.1 SECTION
NO SCALE



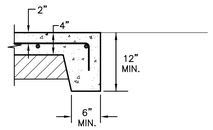
D C3.1 SECTION
NO SCALE



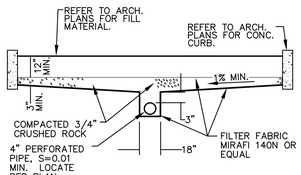
7 C3.1 ACCESSIBLE PARKING
NO SCALE



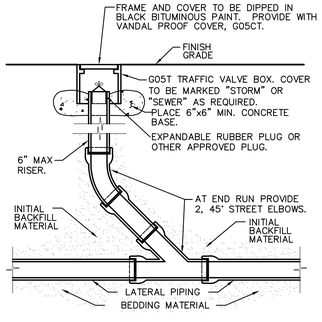
8 C3.1 CONCRETE WHEEL STOP
NO SCALE



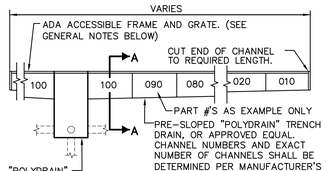
9 C3.1 THICKEND EDGE AT BIKE PATH
NO SCALE

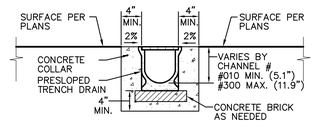


10 C3.1 APPARATUS SUBDRAIN
NO SCALE



11 C3.1 CLEANOUT
NO SCALE



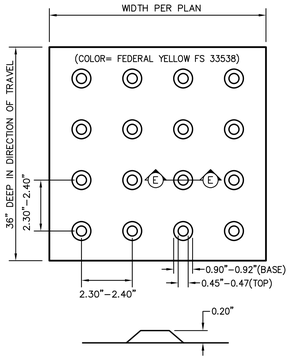


SECTION A-A

GENERAL NOTES:

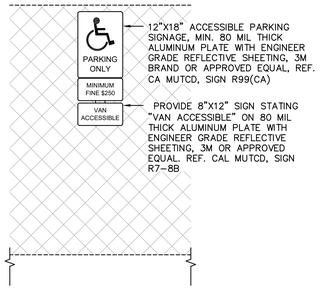
1. GRATE SHALL ADA ACCESSIBLE, POLYDRAIN MODEL 2410 OR APPROVED EQUAL. IF PLACED IN FIRE LANE OR AREA DESIGNATED FOR VEHICLE TRAFFIC PROVIDE POLYDRAIN MODEL 2506.
2. IF TRENCH DRAIN IS PLACED IN FIRE LANE OR AREA DESIGNATED FOR VEHICLE TRAFFIC PROVIDE GALVANIZED STEEL "OVERLAY RAILS" AS SUPPLIED BY POLYDRAIN, OR APPROVED EQUAL.
3. CONTRACTOR SHALL FURNISH AND INSTALL A MODEL 2811B LOCKING DEVICE, OR APPROVED EQUAL, FOR ALL TRENCH DRAIN GRATES.
4. CONTRACTOR SHALL FURNISH AND INSTALL A TRASH BUCKET, MODEL 2900, IN ALL TRENCH DRAIN CATCH BASINS.
5. CONTRACTOR SHALL PURCHASE AND FURNISH THE MAINTINANCE/OPERATIONS DEPARTMENT OF THE SCHOOL WITH 2 MODEL 2231 TRENCH DRAIN SHOVEL HEADS, WITH STANDARD WOOD, OR COMPOSITE HANDLES.
6. ALL MITERED JOINTS SHALL BE SEALED WITH POLYDRAIN "POLYSEAL" CAULKING OR APPROVED EQUAL.

4 C3.1 TRENCH DRAIN DETAIL
NO SCALE

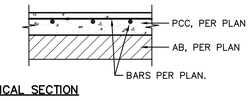


SECTION E-E

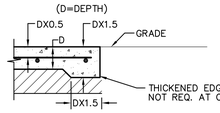
5 C3.1 TRUNCATED DOMES
NO SCALE



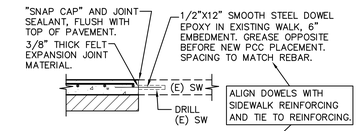
6 C3.1 PARKING SIGNAGE MOUNTED ON EXISTING FENCE
ACCESSIBLE STALLS (CALIFORNIA ONLY) NO SCALE



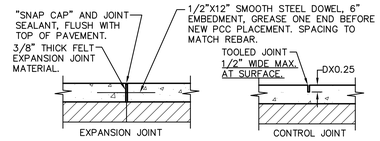
TYPICAL SECTION



TYPICAL THICKENED EDGE



CONNECTION TO (E) CONCRETE

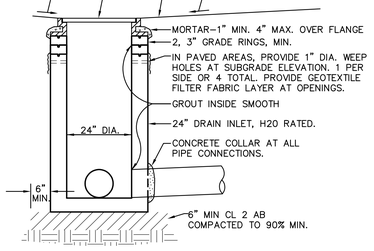


TYPICAL JOINTS

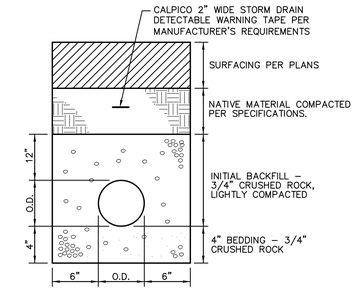
NOTES:

1. PROVIDE FELT EXPANSION JOINTS AT 20 FEET O.C. MAX. SEE PLAN FOR LAYOUT.
2. PROVIDE CONTROL JOINTS AT 10 FEET O.C. MAX. SEE PLAN FOR LAYOUT.
3. EXPANSION OR CONTROL JOINTS SHALL NOT EXCEED 1/2" IN SURFACE WIDTH.

1 C3.1 CONCRETE SIDEWALK
NO SCALE



2 C3.1 DROP INLET
NO SCALE



3 C3.1 STORM DRAIN TRENCH
NO SCALE

AGENCY APPROVAL DSA# X02-119910

196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
SAN JOSE, CA 95126
TEL (408) 715-4470

WCE
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

CONSULTANTS

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1117 Windfield Way, Suite 110
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LANDSCAPE ARCHITECT
MTW GROUP
10411 OLD PLACERVILLE ROAD, STE 205
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P: 99160 369-3990

PROFESSIONAL STAMP

REGISTERED PROFESSIONAL ENGINEER ANTHONY J. TASSANO No. C74696 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

THE ARCHITECT DOES NOT REPRESENT THAT THESE PLANS OR THE SPECIFICATIONS ARE SUITABLE FOR ANY SITE OTHER THAN THE ONE FOR WHICH THEY WERE SPECIFICALLY PREPARED. THE ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE

PROJECT OWNER & TITLE
FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8

4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE
DETAILS

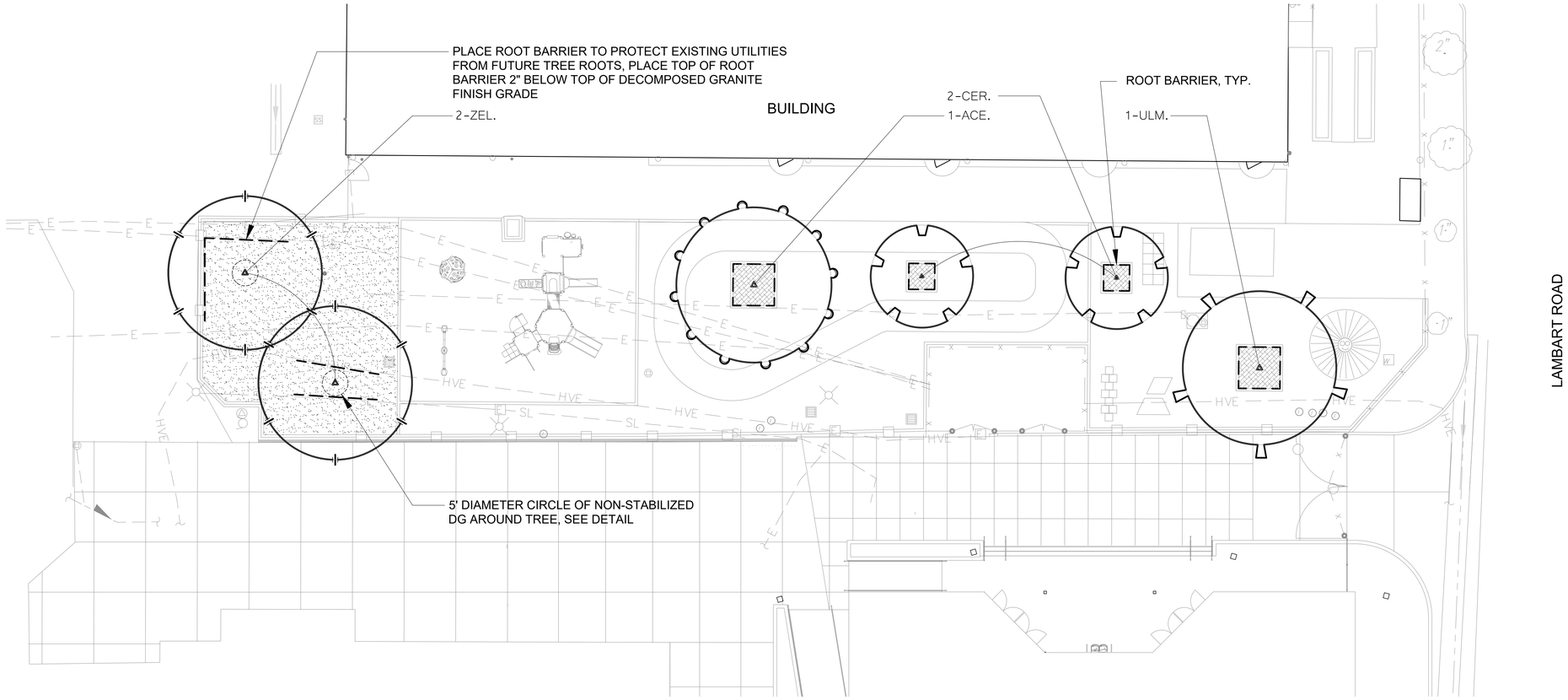
DRAWN BY: MG JOB NUMBER: 22162

SHEET NO.
C3.1

DATE: JANUARY 31, 2023

CONSTRUCTION DOCUMENT

FILENAME: I: \22-160\CIVIL\DWG\22-160 C3.1.DWG



GENERAL LANDSCAPE REQUIREMENTS/NOTES

1. NO PLANTING SHALL BE STARTED UNTIL SPRINKLER IRRIGATION SYSTEM HAS BEEN TESTED BY CONTRACTOR IN PRESENCE OF OWNER'S REPRESENTATIVE AND NOTED DEFICIENCIES CORRECTED.
2. NO PLANTING SHALL BE STARTED UNTIL SOIL PREPARATION AND FINISH GRADING OPERATIONS HAVE BEEN COMPLETED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
3. QUANTITIES SHOWN ON PLANT MATERIAL LIST ARE APPROXIMATE. PROVIDE QUANTITIES INDICATED ON LANDSCAPE PLAN.
4. PLANT MATERIAL IS SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE.
5. SEE SHEET L3.1 FOR PLANTING INSTALLATION DETAILS.

ENVIRONMENTAL REQUIREMENTS:

GENERAL: PROCEED WITH WORK IN ORDERLY AND TIMELY MANNER TO COMPLETE INSTALLATION OF LANDSCAPING WITHIN CONTRACT LIMITS.

PROTECTION:

EXISTING CONSTRUCTION: EXECUTE WORK IN AN ORDERLY AND CAREFUL MANNER TO PROTECT NEW CONCRETE WALKS, WORK OF OTHER TRADES, AND OTHER IMPROVEMENTS.

EXISTING UTILITIES: DETERMINE LOCATION OF UNDERGROUND UTILITIES AND PERFORM WORK IN A MANNER WHICH WILL AVOID POSSIBLE DAMAGE. HAND EXCAVATE, AS REQUIRED, TO MINIMIZE POSSIBILITY OF DAMAGE TO UNDERGROUND UTILITIES. MAINTAIN GRADE STAKES SET BY OTHERS UNTIL REMOVAL IS MUTUALLY AGREED UPON BY ALL PARTIES CONCERNED. BE RESPONSIBLE FOR PROTECTION OF EXISTING UTILITIES WITHIN CONSTRUCTION AREA. REPAIR DAMAGE TO UTILITIES THAT OCCUR AS A RESULT OF OPERATIONS OF THIS WORK.

LANDSCAPING: PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS, OPERATIONS BY OTHER CONTRACTORS AND TRADES AND TRESPASSERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREAT, REPAIR OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED AT NO ADDITIONAL COST TO CONTRACT.

ADVERSE CONDITIONS: WHEN CONDITIONS DETRIMENTAL TO SOD OR PLANT GROWTH ARE ENCOUNTERED, SUCH AS RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OR OBSTRUCTIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE STARTING WORK.

PLANTING AND TURF INSTALLATION SEASONS AND CONDITIONS

NO WORK SHALL BE DONE WHEN GROUND IS FROZEN, SNOW COVERED, TOO WET OR IN AN OTHERWISE UNSUITABLE CONDITION FOR AMENDING SOIL, FINISH GRADING OR PLANTING.

SOIL TESTING/SOIL IMPROVEMENT:

SEE SPECIFICATIONS 32 90 00, SECTION 3.02 SOIL TESTING AND SECTION 3.03 PREPARATION.

SOIL PERCOLATION

EXCAVATE 10 PLANTING PITS IN RANDOM AREAS OF SITE. FILL EXCAVATED PLANTING PITS WITH WATER TO 1/2 DEPTH OF PIT. PITS SHOULD DRAIN WITHIN 4 HOURS. IF PLANTING PITS DO NOT DRAIN, NOTIFY INSPECTOR IMMEDIATELY. PLANTING SHALL NOT BE STARTED UNTIL OWNER'S REPRESENTATIVE HAS RESOLVED A METHOD TO REMEDY DRAINAGE ISSUE.

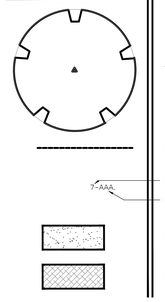
PLANT MATERIAL STANDARDS

PLANTS SHALL BE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ANSI Z60.1- AMERICAN STANDARD FOR NURSERY STOCK, EXCEPT AS OTHERWISE STATED IN SPECIFICATIONS OR SHOWN ON DRAWINGS. WHERE DRAWINGS OR SPECIFICATIONS ARE IN CONFLICT WITH ANSI Z60.1, DRAWINGS AND SPECIFICATIONS SHALL PREVAIL. PRUNE, THIN OUT AND SHAPE TREES IN ACCORDANCE WITH ANSI STANDARD HORTICULTURAL PRACTICE. PRUNE TREES TO RETAIN REQUIRED HEIGHT AND SPREAD. UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT, DO NOT CUT TREE LEADERS, AND REMOVE ONLY INJURED OR DEAD BRANCHES FROM FLOWERING TREES.

EXISTING LANDSCAPE AND SPRINKLER IRRIGATION SYSTEM

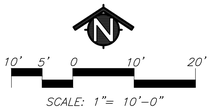
WORK LIMITS OF THIS PROJECT EXTEND INTO AREAS THAT WERE PREVIOUSLY DEVELOPED UNDER OTHER CONTRACTS. PRIOR TO START OF WORK, CONTRACTOR SHALL MEET WITH OWNER'S REPRESENTATIVE TO LOCATE ALL CONNECTIONS CALLED FOR ON DRAWINGS. WORK LIMITS/FENCING SHALL BE LAID OUT BY CONTRACTOR AND VERIFIED BY OWNER'S REPRESENTATIVE. FENCE TO BE INSTALLED AND IRRIGATION SYSTEM SHALL BE TESTED WITH CONTRACTOR, INSPECTOR, AND OWNER'S REPRESENTATIVE PRESENT. DEFICIENCIES SHALL BE NOTED AT THIS TIME AND ARE THE RESPONSIBILITY OF OWNER, AT COMPLETION OF WORK, SYSTEM WILL AGAIN BE TESTED, DEFICIENCIES NOTED AT THIS TIME THAT WERE NOT NOTED PREVIOUSLY WILL BE RESPONSIBILITY OF CONTRACTOR. EXISTING LANDSCAPE THAT HAS BEEN DAMAGED DUE TO CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER. PRIOR TO MAKING ANY CONNECTION TO MAIN LINE, CONTRACTOR SHALL NOTIFY OWNER 1 WEEK IN ADVANCE SO ADJUSTMENTS TO EXISTING WATERING PROGRAMS CAN BE MADE.

KEY / LANDSCAPE LEGEND



TREE MATERIAL LIST

SIZE	QTY.	KEY	BOTANICAL NAME ... COMMON NAME	WATER USE
			TREES:	
48" BOX	1	ACE.	ACER RUBRUM 'AUTUMN BLAZE' ... RED MAPLE	MEDIUM
36" BOX	2	CER.	CERCIS CANADENSIS ... EASTERN REDBUD	MEDIUM
48" BOX	1	ULM.	ULMUS PARVIFLORA 'TRUE GREEN' ... TRUE GREEN CHINESE ELM	MEDIUM
48" BOX	2	ZEL.	ZELKOVA ZELKOVA SERRATA 'VILLAGE GREEN' ... VILLAGE GREEN ZELKOVA	MEDIUM



AGENCY APPROVAL DSA# 02-1210041

196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
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22-42

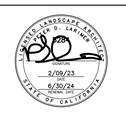
MTW group
LANDSCAPE ARCHITECTURE AND PLANNING
2707 K Street, Suite 201
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CONSULTANTS

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PROFESSIONAL STAMP



REVISIONS

NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE

FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8

4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE

LANDSCAPE PLAN

DRAWN BY: XX JOB NUMBER: 22162

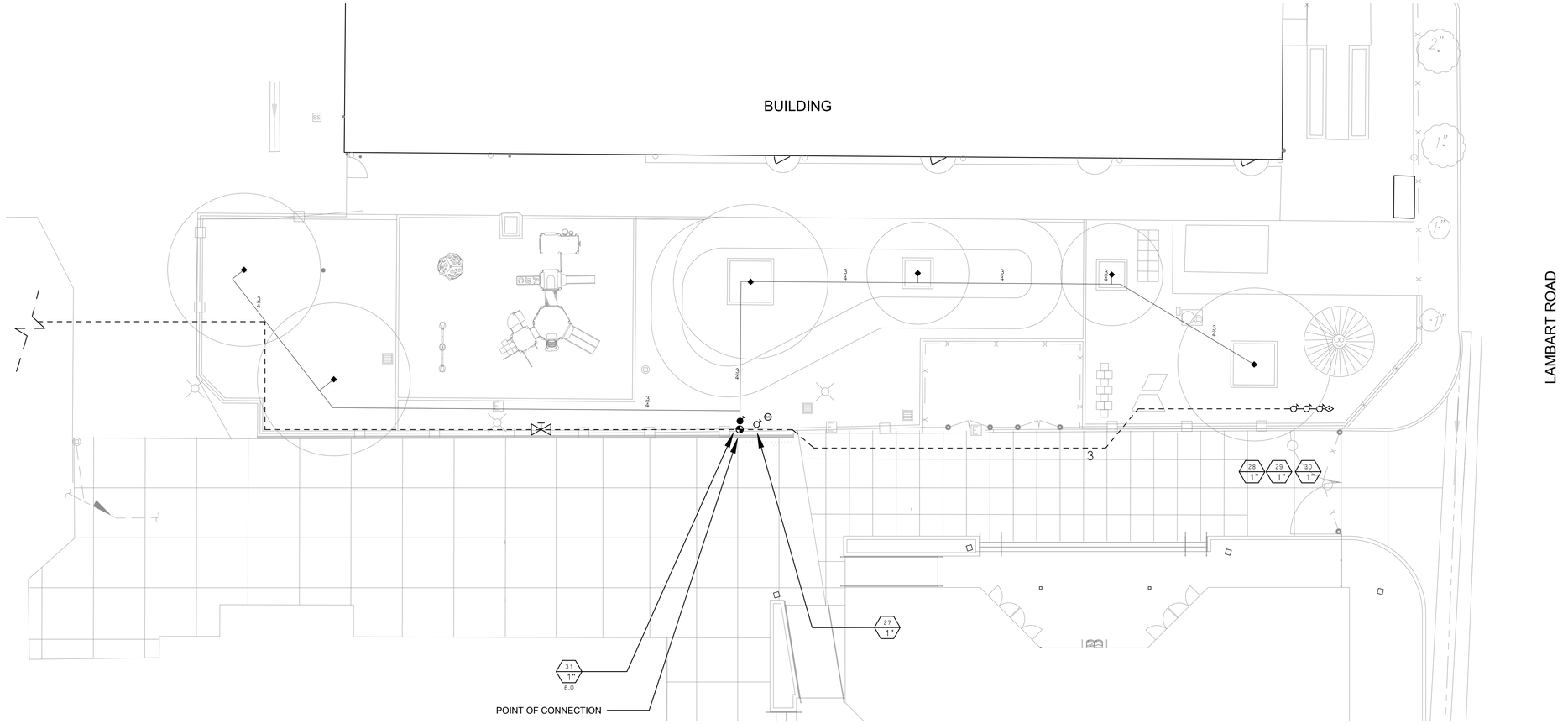
SHEET NO.

L1.1

DATE: FEBRUARY 08, 2023

DATE PLOTTED: 2/8/2023 1:16:54 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Suisun Valley_A22_dvargasTH8BX.rvt

CONSTRUCTION DOCUMENT

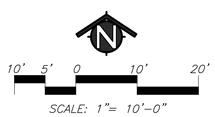


SPRINKLER IRRIGATION NOTES

1. COMPOSITE BASE SHEET: PROPOSED IMPROVEMENTS SHOWN ON DRAWINGS ARE SUPERIMPOSED ON A COMPOSITE BASE SHEET. THE COMPOSITE BASE SHEET IS A COMPILATION OF ARCHITECTURAL, ENGINEERING, AND OTHER DATA THAT IS PROVIDED. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR ERRORS PERTAINING TO THE COMPOSITE BASE SHEET. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS. ANY DISCREPANCIES NEED TO BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM AND RESOLVED PRIOR TO CONTINUATION OF WORK.
2. DESIGN PRESSURE SHOWN ON PLANS HAS BEEN FURNISHED BY WATER COMPANY OR WATER DISTRICT SERVING SITE. VERIFY PRESSURE ON-SITE PRIOR TO THE INSTALLATION OF ANY SPRINKLER IRRIGATION EQUIPMENT. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IN WRITING SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.
3. DETERMINE LOCATION OF UNDERGROUND UTILITIES. DAMAGE CAUSED BY INSTALLATION OF THIS WORK SHALL BE REPAIRED TO SATISFACTION OF GOVERNING AGENCY OR OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
4. SPRINKLER OVER SPRAY SHALL NOT BE ALLOWED ON PUBLIC SIDEWALKS, BUILDING WALLS OR FENCES. MINIMUM OVERSPRAY MAY OCCUR IN PARKING AREAS. USE ADJUSTABLE NOZZLES WHENEVER POSSIBLE TO CONTROL SPRINKLER OVERSPRAY.
5. ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
6. TESTING:
   A. PRESSURE TEST ALL UNDERGROUND PIPING AS FOLLOWS:
      SYSTEMS WITH BOOSTER PUMP:
      MAIN LINE - AT 100 PSI FOR 4 HOURS.
      LATERAL LINES - AT 100 PSI FOR 2 HOURS.
      SYSTEMS WITH OUT BOOSTER PUMP:
      MAIN LINE - AT STATIC PSI FOR 4 HOURS.
      LATERAL LINES - AT STATIC PSI FOR 2 HOURS.
   B. COVERAGE TEST: NOTE: PRIOR TO REQUESTING COVERAGE TEST, INSURE ALL HEADS ARE SET PLUMB, NOZZLES ARE ADJUSTED PROPERLY AND SYSTEM HAS BEEN CHECKED FOR AUTOMATION. REQUEST OWNER'S REPRESENTATIVES PRESENCE ON-SITE WHEN SPRINKLER SYSTEM IS COMPLETELY INSTALLED AND FULLY AUTOMATIC. PROVIDE ADEQUATE PERSONNEL AT THIS MEETING TO ADJUST AND FINE TUNE SYSTEM TO SATISFACTION OF OWNER'S REPRESENTATIVE.
7. LAYOUT ALL WORK PRIOR TO TRENCHING OPERATIONS TO DETERMINE IF MINOR MODIFICATIONS OR ADJUSTMENTS WILL BE REQUIRED.
8. INSTALL ALL SPRINKLER HEADS PERPENDICULAR TO SLOPES OR GRADE.
9. CONTROL WIRE SHALL BE UF-14, COLOR FOR LEAD AND WHITE FOR COMMON. SPLICES SHALL BE PERMITTED AT VALVE BOX LOCATIONS ONLY.
10. PROVIDE AND INSTALL AUTOMATIC CONTROLLER AND UF-14 CONTROL WIRE. ELECTRICAL SUBCONTRACTOR SHALL PROVIDE 110V SERVICE AND SERVICE HOOKUP FROM POWER SOURCE TO AUTOMATIC CONTROLLER.
11. COORDINATE ALL WORK WITH OTHER TRADES SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER.
12. NO PLANTING SHALL BE STARTED UNTIL ALL SPRINKLER WORK HAS BEEN TESTED AND APPROVED IN PRESENCE OF OWNER'S REPRESENTATIVE.
13. FOR SPRINKLER IRRIGATION INSTALLATION DETAILS, SEE SHEET NO. L3.1.

KEY — SPRINKLER IRRIGATION LEGEND

- EXISTING AUTOMATIC CONTROLLER:
- POINT OF CONNECTION:
  CONTRACTOR SHALL LOCATE EXISTING 3" IRRIGATION MAINLINE CONNECT AT THIS POINT AND EXTEND AS INDICATED ON DRAWINGS.
- EXISTING GATE VALVE:
- EXISTING AUTOMATIC CONTROL VALVE:
- EXISTING QUICK COUPLER VALVE:
- EXISTING PRESSURE MAIN LINE:
- LATERAL LINE:
  TYPE:
  ASTM D1785, PVC SCHEDULE 40, SOLVENT WELD ALL UNSIZED PIPE SHALL BE 3/4" SIZE.
  TRENCH DEPTH:
  IN PLANTED AREAS: 12" MINIMUM COVER
  UNDER PAVED AREAS: 24" MINIMUM COVER.
  PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
- AUTOMATIC CONTROL VALVE:
  RAINBIRD PEB-PRS-D SERIES
- TREE BUBBLER HEADS:
  RAINBIRD: 1402 BUBBLER NOZZLE WITH INLINE CHECK VALVE.
- A1 / 1" / 0.00
  - INDICATES CONTROL VALVE AND STATION NUMBER
  - INDICATES CONTROL VALVE SIZE
  - INDICATES GALLONS PER MINUTE



SCALE: 1"= 10'-0"

AGENCY APPROVAL DSA# 02-1210041

196 ARCHITECTS
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22-42
MTW group
LANDSCAPE ARCHITECTURE AND PLANNING
2707 K Street, Suite 201
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PROFESSIONAL STAMP

LICENSED LANDSCAPE ARCHITECT — CHRISTOPHER D. LARSON — No. 6428 — 2/09/23 — 6/30/24 — RENEWAL DATE — STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE
FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8

4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE

IRRIGATION PLAN

DRAWN BY: XX JOB NUMBER: 22162

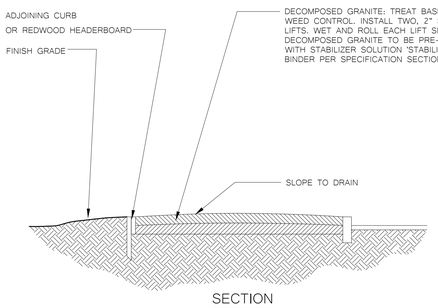
SHEET NO.
L2.1

DATE: FEBRUARY 08, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/8/2023 1:16:54 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Suisun Valley_A22_dvargasTH8BX.rvt

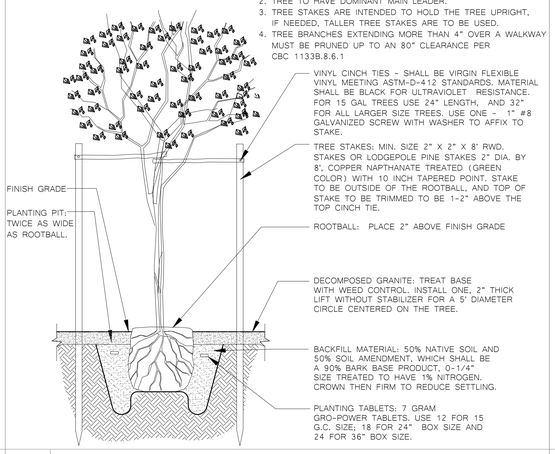
NOTES:
1. SUBMIT SAMPLE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
2. DECOMPOSED GRANITE SHALL HAVE A MIXTURE OF FINE TO 3/8" SIZE PARTICLES WITH NO CLODS.
3. THE MATERIAL SHALL BE FREE OF VEGETATION, OTHER SOILS, DEBRIS AND ROCKS.
4. THE MATERIAL SHALL BE REDDISH-TAN IN COLOR.
5. THE MATERIAL SHALL BE OF SUCH NATURE THAT IT CAN BE COMPACTED READILY UNDER WATERING AND ROLLING.



SECTION

1 DECOMPOSED GRANITE/BINDER DETAIL

NOTES:
1. VITAMIN B-1: SUPERTHRIVE, LIQUINOX START OR EQUAL. APPLY AS PER MANUFACTURER'S INSTRUCTIONS WITH THE SECOND WATERING OF THE BASIN.
2. TREE TO HAVE DOMINANT MAIN LEADER.
3. TREE STAKES ARE INTENDED TO HOLD THE TREE UPRIGHT, IF NEEDED, TALLER TREE STAKES ARE TO BE USED.
4. TREE BRANCHES EXTENDING MORE THAN 4" OVER A WALKWAY MUST BE PRUNED UP TO AN 80" CLEARANCE PER CBC 1133B.8.6.1



2 TREE PLANTING IN DECOMPOSED GRANITE DETAIL

NOTE:
1. SEE TREE PLANTING DETAIL FOR ADDITIONAL INFORMATION.

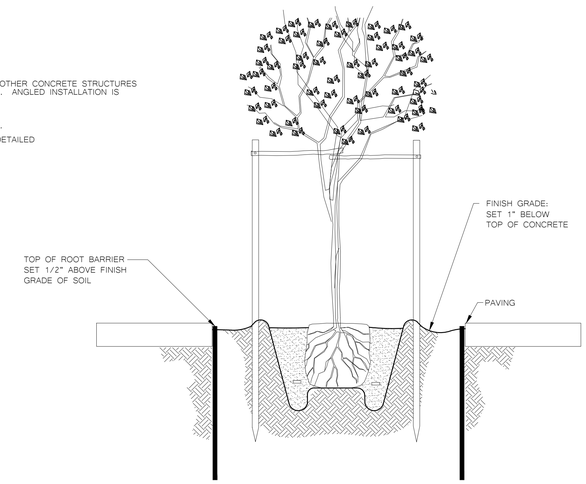
TREE ROOT BARRIER PROTECTION

1. CONTRACTOR TO REMOVE ALL CONCRETE SPOILS FROM FLATWORK, CURBS OR OTHER CONCRETE STRUCTURES TO ENSURE THE ROOT BARRIER IS ADJACENT TO THE CONCRETE AND VERTICAL. ANGLED INSTALLATION IS NOT ACCEPTABLE.
2. TREE SHALL BE LOCATED IN CENTER OR MIDPOINT OF PLANTER.
3. TREE ROOT BARRIER IS TO BE INSTALLED IN LOCATIONS SHOWN ON THE PLANS.
4. TREE ROOT BARRIER SHALL BE INSTALLED ADJACENT TO EDGE OF PAVING AS DETAILED
5. PLACE ROOT BARRIER SO THAT VERTICAL RIBS FACE TOWARD THE TREE.

ROOT BARRIER

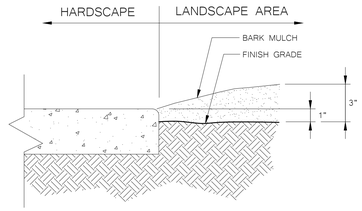
BY: DEEP ROOT PARTNERS OR
NDS INC. OR APPROVED EQ.

15 GAL SIZE TREE OR LARGER:
24" MODULAR ROOT BARRIER PANEL



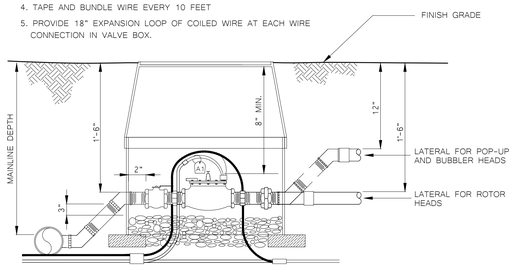
3 ROOT BARRIER CONTROL DETAIL

NOTES:
1. FINISH GRADE OF SOIL TO BE 1" BELOW ADJACENT HARDSCAPE FOR BOTH LAWN AREAS AND PLANTER BED AREAS
2. BARK MULCH DEPTH DOES NOT DICTATE THE ELEVATION OF THE FINISH GRADE
3. BARK MULCH TO BE FEATHERED DOWN TO 1" DEPTH, 12" FROM EDGE OF HARDSCAPE



4 LANDSCAPE GRADE ADJACENT TO HARDSCAPE DETAIL

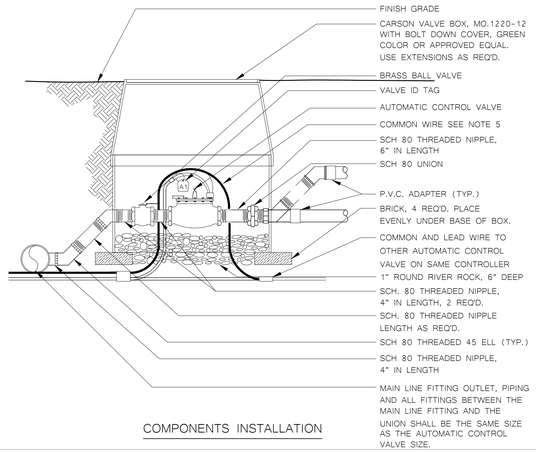
NOTES:
1. SET VALVE BOX LEVEL WITH FINISH GRADE.
2. INSTALL VALVE BOX EXTENSIONS AS REQUIRED.
3. CONNECT ALL WIRES WITH WEATHER TIGHT CONNECTORS. SPLICES IN WIRE SHALL BE PERMITTED ONLY AT VALVE LOCATIONS.
4. TAPE AND BUNDLE WIRE EVERY 10 FEET
5. PROVIDE 18" EXPANSION LOOP OF COILED WIRE AT EACH WIRE CONNECTION IN VALVE BOX.



6. FOR VALVES WITH PRESSURE REGULATION FEATURE, SET VALVE PRESSURE AS PER MANUFACTURERS RECOMMENDATIONS TO THE PRESSURE AS FOLLOWS:

POP-UP SPRAY HEADS:	30 PSI
INTERMEDIATE POP-UP ROTOR HEADS:	50 PSI
POP-UP ROTOR HEADS:	70 PSI
BUBBLER HEADS:	30 PSI

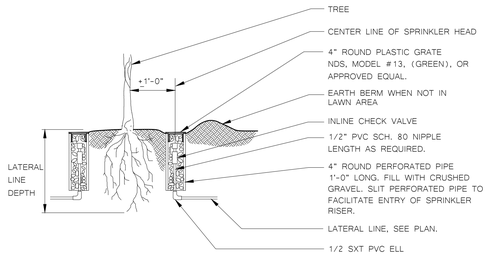
VALVE BOX, SETTINGS, AND CLEARANCES



COMPONENTS INSTALLATION

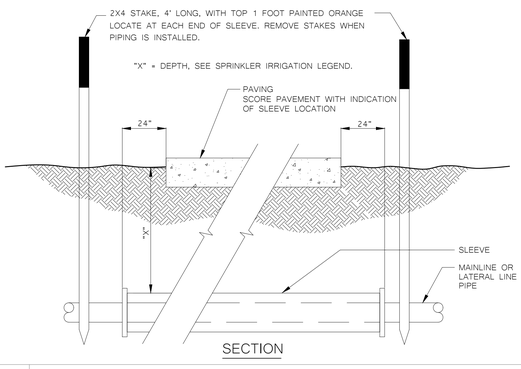
5 AUTOMATIC CONTROL VALVE/BALL VALVE DETAIL

NOTES:
1. A SWING JOINT ASSEMBLY IS NOT REQUIRED FOR THIS INSTALLATION.
2. SEE TREE PLANTING DETAIL FOR ADDITIONAL INFORMATION.



6 TREE BUBBLER HEAD DETAIL

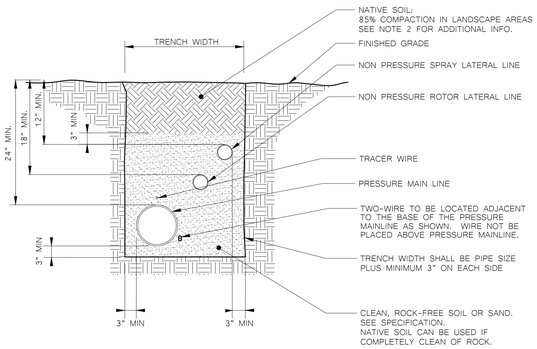
NOTES:
1. ALL PIPE AND FITTINGS TO BE SCHEDULE 40, P.V.C. SEE PLAN FOR LOCATION.
2. SLEEVES TO BE LARGE ENOUGH TO ACCEPT THE PIPE AND FITTINGS TO BE ENCASED.
3. PROVIDE A SEPARATE SLEEVE FOR EACH LATERAL OR MAIN CROSSING.
4. PROVIDE A SEPARATE SLEEVE FOR CONTROL WIRE
5. TAPE ALL ENDS WITH DUCT TAPE TO PREVENT ENTRY OF SOIL.



SECTION

7 SLEEVE DETAIL

NOTES:
1. REFER TO SPECIFICATIONS AND PLAN SHEETS FOR MORE INFORMATION.
2. WHEN TRENCHES ARE LOCATED UNDER PAVEMENT, COMPACTION RATE FOR THE BACKFILL SHALL COMPLY WITH THE COMPACTION RATES REQUIRED FOR THOSE PAVING SECTIONS.
3. PIPES TO HAVE A MINIMUM OF 6" HORIZONTAL SEPARATION WHEN PLACED IN THE SAME TRENCH ALONG WITH A MINIMUM OF 6" VERTICAL SEPARATION BETWEEN PIPES.



8 PIPE TRENCH DETAIL

AGENCY APPROVAL DSA# 02-1210041

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22-42

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PROFESSIONAL STAMP



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NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE
FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8

4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE
DETAILS

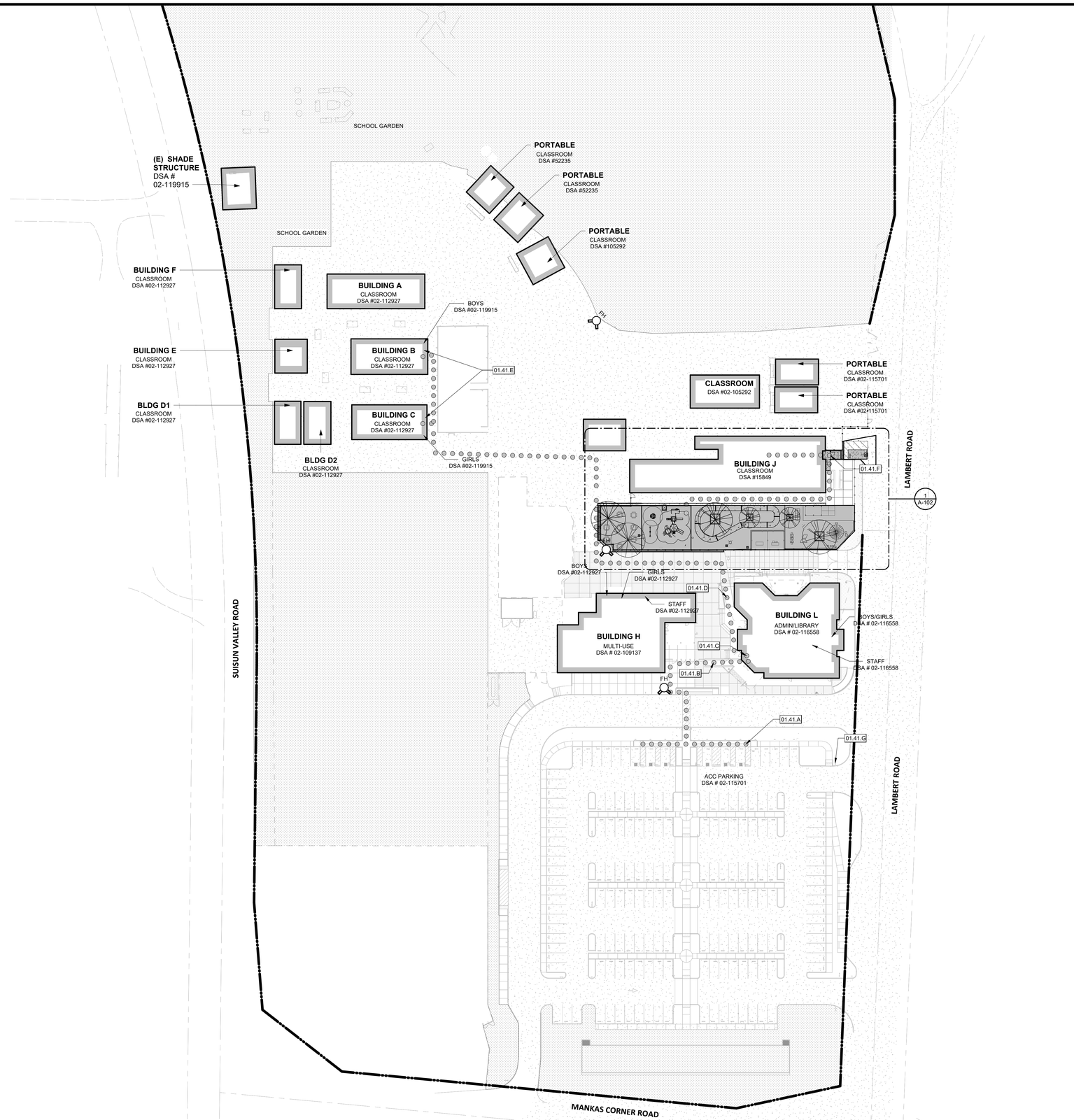
DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.
L3.1

DATE: FEBRUARY 08, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/8/2023 1:16:54 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_Multi-site New Playground Installation_Suisun Valley_A22_dvargasTH8BX.rvt



KEYNOTES

01.41.A	(E) ACCESSIBLE PARKING SERVING AREA OF WORK, DSA #02-115701
01.41.B	(E) ACCESSIBLE RAMP TO BUILDING ENTRY, DSA# 02-116558.
01.41.C	(E) INTERIOR ACCESSIBLE P.O.T. FROM ENTRY TO AREA OF WORK, DSA# 02-116558.
01.41.D	(E) ACCESSIBLE RAMP, DSA# 02-116558
01.41.E	(E) ACCESSIBLE MEN'S AND WOMENS RESTROOM SERVING AREA OF WORK, DSA #02-112927, (E) ACCESSIBLE RESTROOM DOOR SIGNAGE, DSA# 02-119915.
01.41.F	(N) ACCESSIBLE GATE FROM PARKING STALL
01.41.G	(E) TOW-AWAY SIGN.

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 a part of this project by means of a construction change document

SITE PLAN LEGEND

- PROPERTY LINE
- LIMITS OF WORK
- PROJECT BUILDING
- (E) ASPHALT CONCRETE PAVING
- (N) ASPHALT CONCRETE PAVING
- (E) BUILDING
- (E) LANDSCAPING
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE (17 / A-112)

PATH OF TRAVEL (P.O.T.)

- AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE
- IS AT LEAST 48" WIDE.
- NO ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL.
- THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH.
- PASSING SPACES (11B-403.2) AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART.
- PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS (11B-403.7) NOT MORE THAN 400' APART.
- THE CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED.
- (POT) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
- ARCHITECT SHALL VERIFY PATH OF TRAVEL CONFORMS WITH THE ABOVE.

- (E) CHAINLINK FENCE LINE
- (N) CHAINLINK FENCE LINE
- (E) ORNAMENTAL FENCE LINE
- (N) ORNAMENTAL FENCE LINE
- FH (E) HYDRANT

SITE PLAN GENERAL NOTES

1. SEE PLAYGROUND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
2. UNDERGROUND SERVICE ALERT SHALL BE CONTACTED PRIOR TO ANY EXCAVATION WORK ON THIS PROJECT.
3. THE CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING ABOVE AND UNDERGROUND UTILITIES. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE SHOWN FOR GENERAL INFORMATION ONLY.
4. DAMAGE TO ANY EXISTING UTILITIES, STRUCTURES, AND/OR SERVICES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND WITH PRIOR REVIEW AND APPROVAL BY THE ARCHITECT AND DSA.
5. CONTRACTOR TO REPAIR ALL EXISTING LANDSCAPE AREAS IMPACTED BY CONSTRUCTION ACTIVITIES. REPAIR TO INCLUDE ANY DAMAGE TO EXISTING IRRIGATION SYSTEM, RE-GRADING TO ENSURE PROPER DRAINAGE, SMOOTHING OF SURFACE, AND RE-SEEDING OR MULCHING TO MATCH ADJACENT AREAS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR MODIFYING ANY EXISTING IRRIGATION LINES DAMAGED OR IMPACTED DURING THE COURSE OF WORK IN ORDER TO PROVIDE A FULLY FUNCTIONAL SYSTEM AT PROJECT COMPLETION.
7. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED TO THE PREVENT DEBRIS AND UNSUITABLE MATERIALS FROM ENTERING STORM DRAINS, SANITARY SEWERS, NATURAL WATERWAYS, AND STREETS.
8. DUST CONTROL SHALL BE IMPLEMENTED AT ALL TIMES.
9. STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN SPOT ELEVATIONS UNLESS OTHERWISE SHOWN ON THE PLANS.
10. UNLESS SPECIFICALLY NOTED, ALL FINISH SURFACES SHALL BE LESS THAN 2.0% SLOPE IN ANY DIRECTION.
11. CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY FENCING TO ENSURE SITE IS SECURE AT ALL TIMES FOR CHILDREN OR OTHER USERS OF THE SCHOOL CAMPUS, INCLUDING STAGING AND ACCESS AREAS.
12. CONTRACTOR TO PROTECT EXISTING SITE IMPROVEMENTS AND RETURN CONSTRUCTION ACCESS AREA TO ITS ORIGINAL CONDITION UPON COMPLETION. STREET SWEEPING AND VACUUMING TO BE PROVIDED AS NEEDED DURING CONSTRUCTION.

AGENCY APPROVAL DSA#

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CONSULTANTS

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PROFESSIONAL STAMP

LICENSED ARCHITECT — MARIANA ALVAREZ-MTW — C-36107 — REN 01-31-25 — STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE

FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8

4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE

SITE PLAN & ACCESSIBILITY PLAN

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.

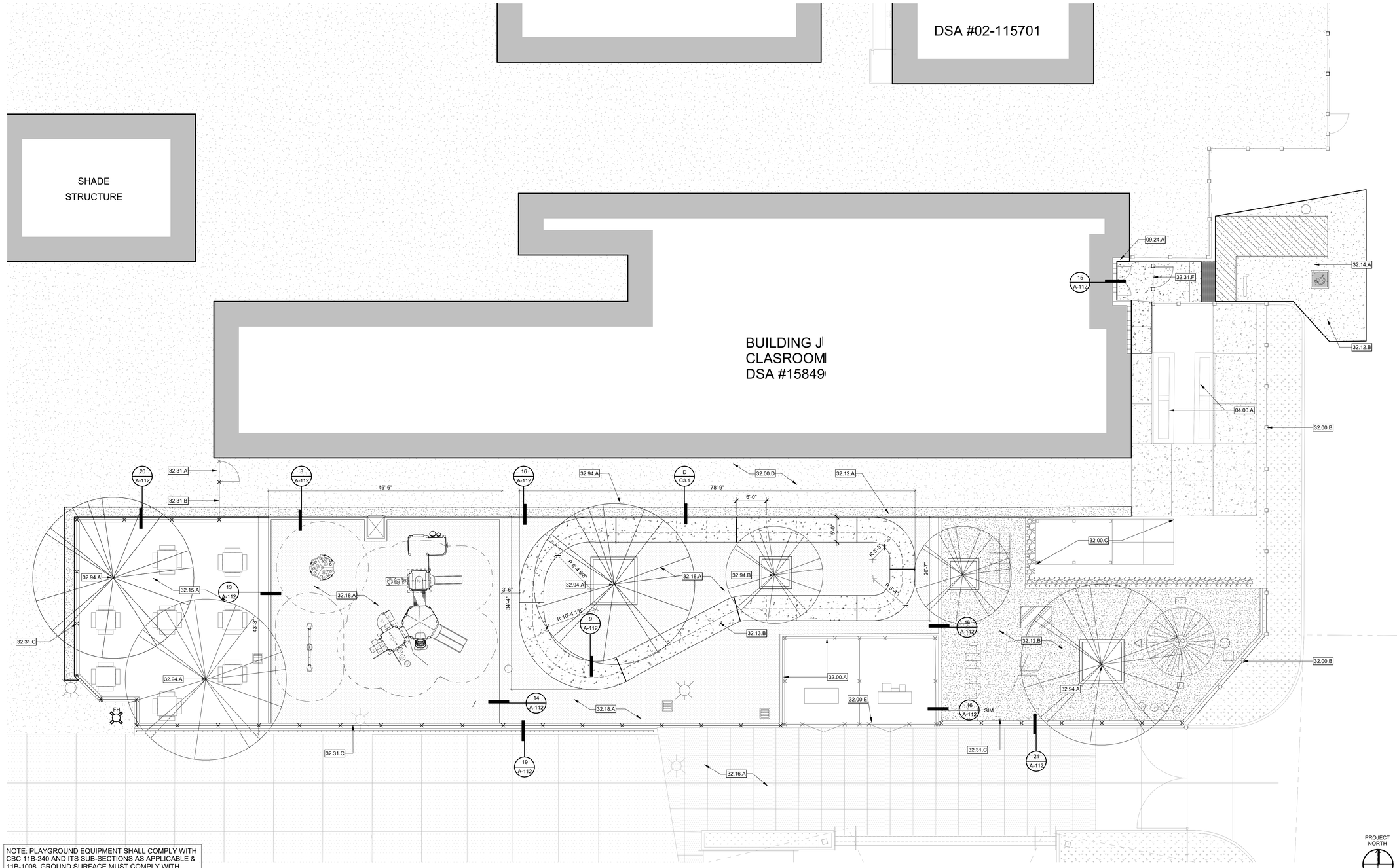
A-101

DATE: FEBRUARY 21, 2023

SITE PLAN & ACESSIBILITY PLAN | 1" = 40'-0" | 1

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/21/2023 4:16:56 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Suisun Valley_A22_dvargasTH8BX.rvt



NOTE: PLAYGROUND EQUIPMENT SHALL COMPLY WITH CBC 11B-240 AND ITS SUB-SECTIONS AS APPLICABLE & 11B-1008. GROUND SURFACE MUST COMPLY WITH 11B-1008.2.6.

PROJECT NORTH

SITE PLAN | 1/8" = 1'-0" | 1

KEYNOTES

04.00.A	(E) CMU PLANTER.
09.24.A	EXTEND OF CEMENT PLASTER PATCH AT (E) WALL. SEE DETAIL 18/A-112.
32.00.A	(E) 6' HIGH CHAINLINK FENCE AROUND UTILITY ENCLOSURE.
32.00.B	(E) 6' HIGH ORNAMENTAL FENCE.
32.00.C	(E) CHICKEN COOP. PROTECT DURING CONSTRUCTION. COORDINATE WITH DISTRICT TEMP. LOCATION FOR KITCHENS DURING CONSTRUCTION.
32.00.D	(E) ASPHALT CONCRETE PAVING.
32.00.E	(E) UTILITY ENCLOSURE. NO WORK WITHIN THE UTILITY ENCLOSURE AREA.
32.12.A	NEW ASPHALT CONCRETE PATCH. S.C.D.
32.12.B	NEW ASPHALT CONCRETE PAVING. S.C.D.
32.13.B	NEW CONCRETE TRICYCLE PATHWAY
32.14.A	(N) ACCESSIBLE PARKING
32.15.A	DECOMPOSITE GRANITE AT PLAY AREA. S.L.D.
32.16.A	(E) DRIVEWAY
32.18.A	NEW SYNTHETIC TURF AT PLAY AREA. B.O.D. PRO PLAY ELITE BY TOTURF
32.31.A	NEW ACCESSIBLE 4'W. X 4'H CHAINLINK GATE. SEE FENCE AND GATE PLAN A-104
32.31.B	(E) 4' HIGH CHAINLINK FENCE
32.31.C	NEW 4' HIGH CHAINLINK FENCE
32.31.F	NEW 6' HIGH ORNAMENTAL FENCE AND SALVAGED GATE. SEE FENCE AND GATE PLAN A-104
32.94.A	NEW 30' HIGH TREE. S.L.D.
32.94.B	NEW 25' HIGH TREE. S.L.D.

SITE PLAN LEGEND

- PROPERTY LINE
- LIMITS OF WORK
- PROJECT BUILDING
- (N) CONCRETE PAVING
- EXPANSION JOINT PER
- CONTROL JOINT PER
- (E) ASPHALT CONCRETE PAVING
- (N) ASPHALT CONCRETE PAVING
- (E) BUILDING
- (E) LANDSCAPING
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE — 17 / A-112

PATH OF TRAVEL (P.O.T.)

- AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE
- IS AT LEAST 48" WIDE.
- NO ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL.
- THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH.
- PASSING SPACES (11B-403.2) AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART.
- PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS (11B-403.7) NOT MORE THAN 400' APART.
- THE CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED.
- (POT) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
- ARCHITECT SHALL VERIFY PATH OF TRAVEL CONFORMS WITH THE ABOVE.

- (E) CHAINLINK FENCE LINE
- (N) CHAINLINK FENCE LINE
- (E) ORNAMENTAL FENCE LINE
- (N) ORNAMENTAL FENCE LINE
- FH — (E) HYDRANT

SITE PLAN GENERAL NOTES

1. SEE PLAYGROUND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
2. UNDERGROUND SERVICE ALERT SHALL BE CONTACTED PRIOR TO ANY EXCAVATION WORK ON THIS PROJECT.
3. THE CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING ABOVE AND UNDERGROUND UTILITIES. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE SHOWN FOR GENERAL INFORMATION ONLY.
4. DAMAGE TO ANY EXISTING UTILITIES, STRUCTURES, AND/OR SERVICES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND WITH PRIOR REVIEW AND APPROVAL BY THE ARCHITECT AND DSA.
5. CONTRACTOR TO REPAIR ALL EXISTING LANDSCAPE AREAS IMPACTED BY CONSTRUCTION ACTIVITIES. REPAIR TO INCLUDE ANY DAMAGE TO EXISTING IRRIGATION SYSTEM, RE-GRADING TO ENSURE PROPER DRAINAGE, SMOOTHING OF SURFACE, AND RE-SEEDING OR MULCHING TO MATCH ADJACENT AREAS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR MODIFYING ANY EXISTING IRRIGATION LINES DAMAGED OR IMPACTED DURING THE COURSE OF WORK IN ORDER TO PROVIDE A FULLY FUNCTIONAL SYSTEM AT PROJECT COMPLETION.

SITE PLAN GENERAL NOTES

7. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED TO THE PREVENT DEBRIS AND UNSUITABLE MATERIALS FROM ENTERING STORM DRAINS, SANITARY SEWERS, NATURAL WATERWAYS, AND STREETS.
8. DUST CONTROL SHALL BE IMPLEMENTED AT ALL TIMES.
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196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
SAN JOSE, CA 95126
TEL (408) 715-4470

CONSULTANTS

CIVIL ENGINEER
WARREN CONSTULTING ENGINEERS
1117 WINDFIELD WAY. STE 110
EL DORARO HILLS, CA 95762
P: (916) 985-1870

LANDSCAPE ARCHITECT
MTW GROUP
2707 K STREET, SUITE 201
SACRAMENTO, CA 95816
P: 99160 369-3990

PROFESSIONAL STAMP

LICENSED ARCHITECT — MARIANA ALVAREZ PARRA — C-36102 — REN. 01 - 31 - 25 — STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE
FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8

4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE
ENLARGED SITE PLAN

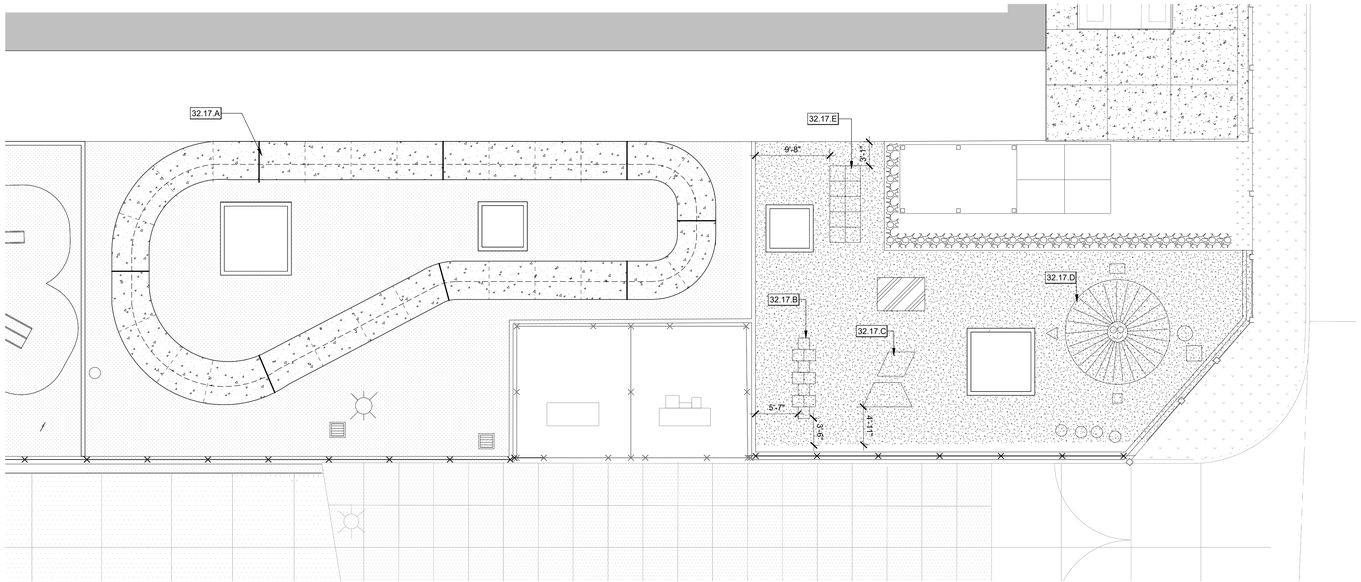
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A-102

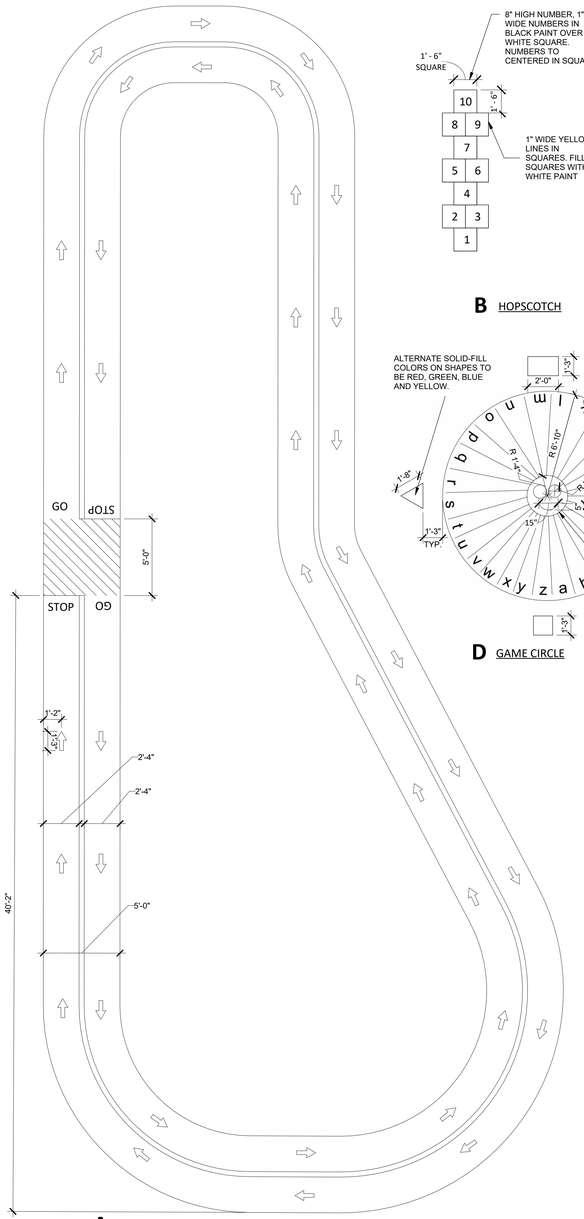
DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

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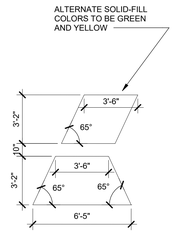
ENLARGED SITE PLAN - STRIPING PLAN | 1/8" = 1'-0" | 2



A TRY-CYCLE PATH

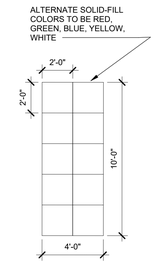
NOTES:
- Tricycle median lane to be 4" wide.
- All other lines to be 1" wide.
- All letters to be painted 12" high.
- Infill arrows with white paint.
- Kelly-Moore Traffic Marking paint 1472, or approved equal. Apply all paint in two coats at the manufacturer's recommended rate.

B HOPSCOTCH



C FOUR SQUARE

D GAME CIRCLE



E TEN FRAME

GAME COURT | 1/4" = 1'-0" | 1

KEYNOTES

32.17.A	NEW TRYCICLE PATH STRIPING. SEE DETAIL 1A.
32.17.B	NEW HOPSCOTH STRIPING ON AC PAVEMENT. SEE DETAIL 1B.
32.17.C	NEW FOUR SQUARE STRIPING ON AC PAVEMENT. SEE DETAIL 1C.
32.17.D	NEW CIRCLE GAME STRIPING ON AC PAVEMENT. SEE DETAIL 1D.
32.17.E	NEW TEN FRAME STRIPING ON AC PAVEMENT. SEE DETAIL 1E.

SITE PLAN LEGEND

- PROPERTY LINE
- LIMITS OF WORK
- PROJECT BUILDING
- (N) CONCRETE PAVING
  - EXPANSION JOINT PER
  - CONTROL JOINT PER
- (E) ASPHALT CONCRETE PAVING
- (N) ASPHALT CONCRETE PAVING
- (E) BUILDING
- (E) LANDSCAPING
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE (17 / A-112)

PATH OF TRAVEL (P.O.T.)
- AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE
- IS AT LEAST 48" WIDE.
- NO ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL.
- THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH.
- PASSING SPACES (11B-403.2) AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART.
- PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS (11B-403.7) NOT MORE THAN 400' APART.
- THE CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED.
- (POT) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
- ARCHITECT SHALL VERIFY PATH OF TRAVEL CONFORMS WITH THE ABOVE.

- (E) CHAINLINK FENCE LINE
- (N) CHAINLINK FENCE LINE
- (E) ORNAMENTAL FENCE LINE
- (N) ORNAMENTAL FENCE LINE
- FH (E) HYDRANT

SITE PLAN GENERAL NOTES

1. SEE PLAYGROUND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
2. UNDERGROUND SERVICE ALERT SHALL BE CONTACTED PRIOR TO ANY EXCAVATION WORK ON THIS PROJECT.
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LICENSED ARCHITECT MARIANA ALVAREZ PORTILLO C-36107 RENEWAL 01 - 31 - 25 STATE OF CALIFORNIA

REVISIONS

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2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8

4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE

STRIPING PLAN

DRAWN BY: XX JOB NUMBER: 22162

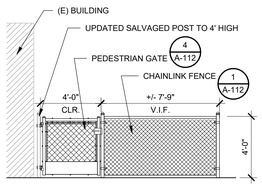
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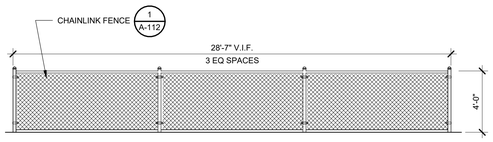
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CONSTRUCTION DOCUMENT

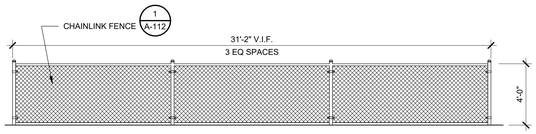
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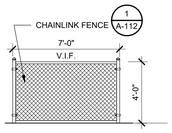
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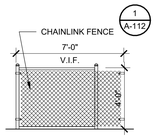
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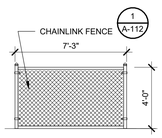
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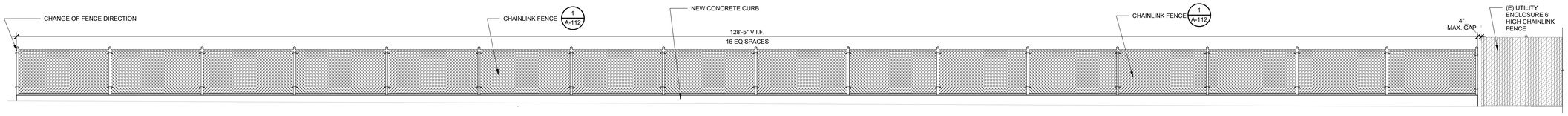
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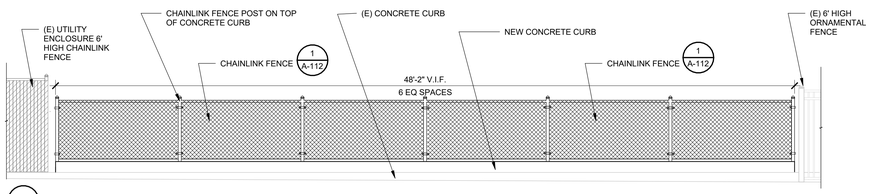
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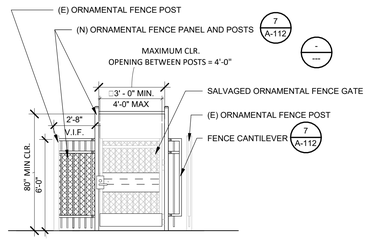
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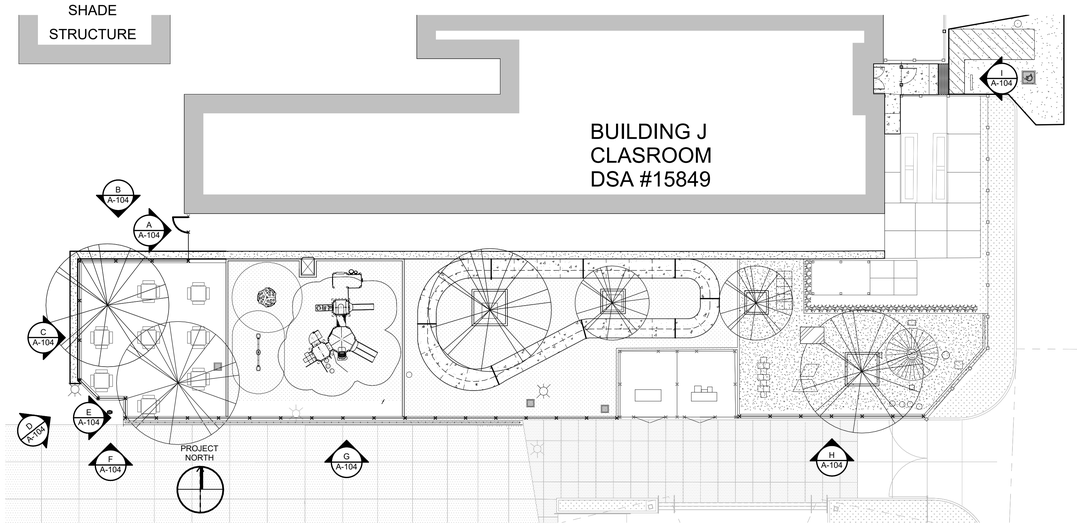
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H



I



ENLARGED SITE PLAN - FENCE AND GATE PLAN | 1/16" = 1'-0" | 1

FENCE AND GATE ELEVATIONS | 1/4" = 1'-0" | 2

KEYNOTES

SITE PLAN LEGEND

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- LIMITS OF WORK
- PROJECT BUILDING
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LICENSED ARCHITECT MARTINA ALVAREZ WONG C-36107 REN 01-31-25 STATE OF CALIFORNIA

REVISIONS

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2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8

4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE

FENCE AND GATE PLAN

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.

A-104

DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/21/2023 4:17:04 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Suisun Valley_A22_dvargasTH8BX.rvt

MAIN PLAY STRUCTURE

Climbers W/Permalene Handholds			
1	152907A	Deck Link w/Barriers Steel end panels 1 Step	
Climbers W/Vibe Handholds			
1	179026A	ABC Climber w/Vibe Handholds 48"Dk DB	
1	179025A	Block Climber w/Vibe Handholds Ground-Deck 32"Dk DB	
1	179011A	Mini Summit Climber w/Vibe Handholds 48"Dk DB	
1	180098D	Pod Climber w/Vibe Handholds w/Handloop & Handrail 32"Dk DB Left Handhold	
Decks			
1	184354A	Curved Transfer Module Left 2-5yrs 32"DK DB	
1	178710A	Hexagon Tenderdeck	
2	111228A	Square Tenderdeck	
Enclosures			
1	164092B	Bongo Panel Ground Level	
1	115228B	Driver Panel Ground Level	
1	115253A	Hole Panel	
1	115235A	House Panel Above Deck	
1	127678A	Match 4 Panel Above Deck	
1	127678B	Match 4 Panel Ground Level	
1	115234A	Mirror Panel Ground Level Under 48"Dk	
1	159459A	Ring-A-Bell Panel Above Deck	
1	115254A	Storefront Panel	
1	130565A	Table Panel DB	
Motion & More Fun			
2	120818A	Playstructure Seat	
Posts			
6	111404D	124"Alum Post DB	
8	111403D	158"Alum Post For Roof DB	
6	111404J	76"Alum Post DB	
Roofs			
2	118110A	Square Poly Roof Standard Logo Panels	
Slides			
1	123331B	Double Slide 48"Dk DB	
1	123337A	Single Slide 48"Dk DB	
Tunnels			
1	119641A	Wire Crawl Tunnel Above Deck	
Freestanding Play Signs			
1	182503A	Welcome Sign (LSI Provided) Ages 2-5 years Direct Bury	

TOTAL ELEVATED PLAY COMPONENTS	9		
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	9	REQUIRED	5
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	7	REQUIRED	3
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	7	REQUIRED	7

2 SEATS - SEESAW

Parts List

Part#	Description	Qty.
14888	Leg (DB), Specify Color	1
160199	Seat, Tan/Black	2
146007	7/16" 6-Lobe T-45 Bit	1
146017	7/16" 6-Lobe T-45 Key	1
260419	SeeSaw Bumper Footer (SM), Specify Color	2
260398	SeeSaw Bumper Footer (DB), Specify Color	2
260387	Footer Guide Plate, Specify Color	2
182262	Rung Cap, Black	2
149305	**Seesaw 2-Place Assembly, Specify Color**	1
208324	5/8-x 1 1/4" BHCS w/Pin Limited Thread, SST	8
100351	5/8-T-Nut, SST	12
123224	5/8-x 1 1/2" BHCS w/Pin, SST	4
128296	5/8-" Hex Jam Nut, SST	12
156257	Base Assembly, Specify Color	1
149172	Seesaw 2-Place Weldment, Specify Color	1
219125	Torsion Half Clamp, Specify Color	1
185471	5/8-" O.D. Spacer, Aluminum	4
156370	Bolt Cover, Tan	4
149272	5/8-" D-Cut Flat Washer, SST	8
181001	1.125" O.D. x 5/8-" Long Polyurethane Rod	4
154164	Bushing	4
214491	Seesaw Extension Plate, Specify Color	2
260533	**2-Seat Seesaw Hardware Package**	1
100252	5/8-x 1 1/2" Flat Head Cap Screw, SST	8
100327	5/8-" Standard Hex Nut, SST	8
100365	5/8-" SAE Flat Washer, SST	8
156846	Play Safe Label, 2-12 Years	1
182213	Hot Surface Warning Label	1
182212	Entanglement Warning Label	1
115176	Hard Surface Warning Label	1
100201	BHCS 6LP 5/8-x 1 - 1/2, SST	2
188124	5/8-x 3 Hex Cap	2
100322	1/2" Standard Hex Nut, SST	4
151765	**Seesaw Leg Hardware Package (DB)**	1
100216	1/2-x 1 1/4" Hex Cap Screw, SST	4
100363	1/2-" Flat Washer, SST	8
129692	1/2-" Standard Hex Nut, SST/Patch	4
120202	**Spring Animal Hardware Package (SM)**	1
100262	1/2-x 6" L-Anchors	4
100323	1/2-" Standard Hex Nut, SST	4
100363	1/2-" Flat Washer, SST	4
121348	**4 Hole (SM) Hardware Package**	1
100266	1/2-" x 2 3/4" Expansion Anchor	4
100322	1/2-" Standard Hex Nut, SST	4
100363	1/2-" Flat Washer, SST	4

DB = Direct Bury
SM = Surface Mount

CLIMBING DOME

Parts List

Part#	Description	Qty.
290660	Cozy Dome Panel, Specify Color	3
167705	Ring Plate, Specify Color	1
167706	Direct Bury Plate, Specify Color	6
169488	Mount Plate, (SM), Specify Color	6
169478	1 1/16" O.D. x 1 3/4" Long Spacer Tube, AL	12
290950	**Cozy Dome Hardware Package for DB**	1
100196	3/8-" x 7/8" BHCS w/Pin, SST	15
100353	3/8-" Flange Nut w/Pin, SST	15
100362	3/8-" Flat Washer, SST	30
113027	3/8-" x 1 3/4" BHCS w/Pin, SST	15
290951	**Cozy Dome Hardware Package for SM**	1
100196	3/8-" x 7/8" BHCS w/Pin, SST	3
100263	3/8-" x 2 3/4" Expansion Anchor	6
100327	3/8-" Standard Hex Nut, SST	6
100353	3/8-" Flange Nut w/Pin, SST	15
100362	3/8-" Flat Washer, SST	24
113027	3/8-" x 1 3/4" BHCS w/Pin, SST	15
116695	3/8-" x 2" FHCS, SST	12

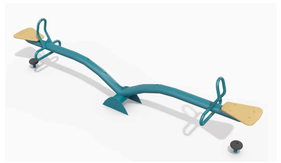
DB = Direct Bury
SM = Surface Mount

PLAYGROUND COMPONENTS SCHEDULE — N.T.S — 25

MAIN PLAY STRUCTURE



2 SEATS - SEESAW



CLIMBING DOME



3D DRAWING PLAYGROUND — N.T.S. — 17

QTY. POST/ARCH LENGTHS

8 A 158" Alum Roof Post DB
6 B 124" Alum Post DB
6 C 76" Alum Post DB

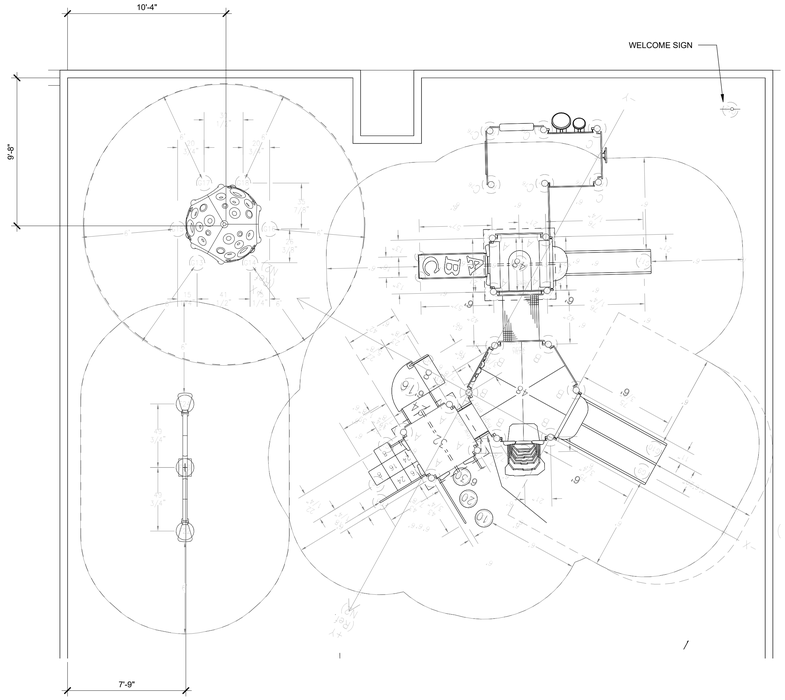
PlayBooster®
(2-5 years)

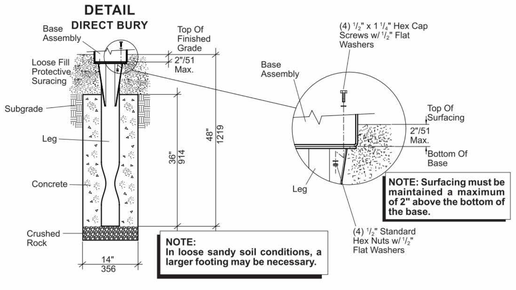
N.	I.D.	X (ft–in)	Y (ft–in)	Dist. to 0	DIA (in)
1	R.F.	89'–5 1/2"	–22'–10"	92'–4"	Ref. N2
2	F1	0"	0"	0"	14
3	F2	9"	1'–3 1/2"	1'–6"	14
4	F3	0"	–3'–6"	3'–6"	14
5	F4	–3'–0 1/2"	1'–9"	3'–6"	14
6	F5	–2'–3 1/2"	3'–0 1/2"	3'–9 1/2"	14
7	F6	3'–6 1/2"	1'–6 1/2"	3'–10 1/2"	14
8	F7	2'–6"	4'–4"	5'	14
9	F8	–3'–0 1/2"	–5'–3"	6'–0 1/2"	14
10	F9	–6'–0 1/2"	0"	6'–0 1/2"	14
11	F10	–6 1/2"	6'–1"	6'–1"	14
12	F11	1'–9"	–6'–6 1/2"	6'–9"	14
13	F12	–6'–0 1/2"	–3'–6"	7'	14
14	F13	–1'–3 1/2"	–8'–3 1/2"	8'–4 1/2"	14
15	F14	3'–6"	–9'–6 1/2"	10'–2"	14
16	F15	5 1/2"	–11'–3 1/2"	11'–4"	14
17	F16	5'–3"	–12'–7"	13'–7 1/2"	14
18	F17	2'–2 1/2"	–14'–4"	14'–6"	14
19	F18	–10"	–16'–1"	16'–1 1/2"	14
20	F19	7'	–15'–7 1/2"	17'–1 1/2"	14
21	F20	3'–11 1/2"	–17'–4 1/2"	17'–10"	14
22	F21	11"	–19'–1 1/2"	19'–1 1/2"	14
23	F22	–13'–4"	20'–7 1/2"	24'–6 1/2"	14
24	F23	–13'–4"	24'–9"	28'–1 1/2"	14
25	F24	–13'–4"	28'–11"	31'–10"	14
26	G1	–5'–0 1/2"	1'–8 1/2"	5'–3 1/2"	12
27	G2	–2'–3"	5'–0 1/2"	5'–6"	12
28	G3	3'–1"	5'–7"	6'–4 1/2"	12
29	G4	–3'–3 1/2"	6'–1"	6'–11"	12
30	G5	–4'–9 1/2"	6'–8 1/2"	8'–3"	12
31	G6	2'–5"	8'–1 1/2"	8'–6"	12
32	G7	1'–1 1/2"	–9'	9'–0 1/2"	12
33	G8	1'–7 1/2"	9'–0 1/2"	9'–2"	12
34	G9	–12'–4 1/2"	–11"	12'–5"	12
35	G10	–12'–4 1/2"	–2'–7"	12'–7 1/2"	12
36	G11	–5'–11"	–12'–11 1/2"	14'–3"	12
37	G12	–20'–4"	7'–2 1/2"	21'–7"	12
38	G13	1'–10"	24'–4"	24'–5"	12
39	G14	5'–3 1/2"	24'–4"	24'–11"	12
40	G15	7"	26'–6 1/2"	26'–6 1/2"	12
41	G16	6'–7"	26'–6 1/2"	27'–4"	12
42	G17	2'–3 1/2"	29'–6 1/2"	29'–7 1/2"	12
43	G18	4'–10"	29'–6 1/2"	29'–11"	12
44	H1	2'–0 1/2"	2"	2'–1"	8
45	H2	3'–4 1/2"	–7"	3'–5"	8
46	H3	6'–5"	–5'–1"	8'–2"	8
47	H4	7'–1"	–6'–3"	9'–5"	8
48	I1	10'–7 1/2"	0"	10'–7 1/2"	REF PT
49	I2	0"	14'–10 1/2"	14'–10 1/2"	REF PT
50	I3	0"	–17'–6"	17'–6"	REF PT

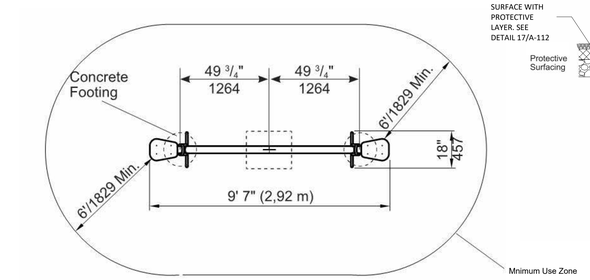
N.	I.D.	X (ft–in)	Y (ft–in)	Dist. to 0	DIA (in)
51	I4	–18'–11 1/2"	0"	18'–11 1/2"	REF PT
52	I5	–18'–11 1/2"	–1'–9"	19'–0 1/2"	REF PT
53	I6	–11'–6"	–16'–2 1/2"	19'–10 1/2"	REF PT

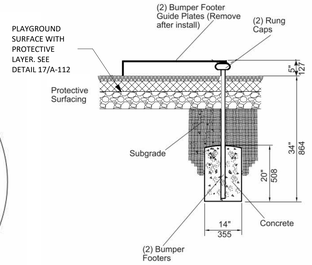
NOTE: PLAYGROUND EQUIPMENT SHALL COMPLY WITH CBC 11B-240 AND ITS SUB-SECTIONS AS APPLICABLE & 11B-1008. GROUND SURFACE MUST COMPLY WITH 11B-1008.2.6.

FOOTING SCHEDULE & HORIZONTAL CONTROL - PLAY EQUIPMENT — 1/4" = 1'-0" — 3

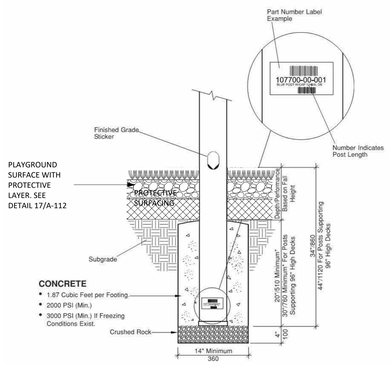








SEESAW BASE ASSEMBLY & FOOTING DETAIL2 — N.T.S. — 15

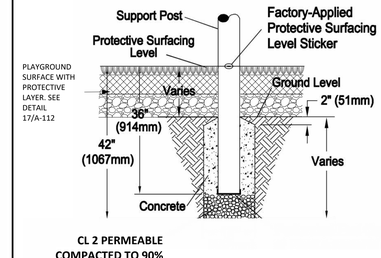


Post Specifications: Post length shall vary depending upon the intended use and shall be a minimum of 42" above the deck height. All posts shall be powdercoated to specified color. All posts shall have a "finished grade marker" positioned on the post identifying the 34" bury line (or 44" bury line for posts for 96" decks) required for correct installation and the top of the loose fill protective surfacing. Top caps for posts shall be aluminum die cast from 369.1 alloy and powdercoated to match the post color. All caps shall be factory installed and secured in place with (3) self sealing rivets. A molded low density polyethylene cap, with drain holes, shall be pressed onto the bottom end of the post to increase the footing area.

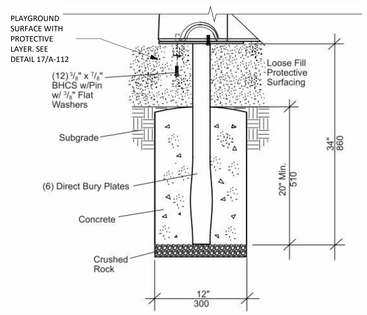
Steel Posts: All steel PlayBooster posts are manufactured from 5" O.D. tubing with a wall thickness of .120" and shall be galvanized after rolling and shall have both the I.D.and the cut ends sprayed with a corrosion resistant coating.

Aluminum Posts: All aluminum PlayBooster posts are manufactured from 6005-T5 extruded tubing conforming to ASTM B-221. Posts shall have a 5" outside diameter with a .125" wall thickness.

CONCRETE FOOTINGS DETAIL — N.T.S. — 10



SUPPORT FOOTING DETAIL2 — N.T.S — 4



CLIMBING DOME - FOOTING DETAIL — 1 1/2" = 1'-0" — 5

AGENCY APPROVAL DSA#

196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
SAN JOSE, CA 95126
TEL (408) 715-4470

CONSULTANTS

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WARREN CONSTULTING ENGINEERS
1117 WINDFIELD WAY, STE 110
EL DORARO HILLS, CA 95762
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LANDSCAPE ARCHITECT
MTW GROUP
2707 K STREET, SUITE 201
SACRAMENTO, CA 95816
P: 99160 369-3990

PROFESSIONAL STAMP

LICENSED ARCHITECT — MARIANA ALVAREZ-MTW — C-36107 — REN. 01-31-25 — STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

THE ARCHITECT DOES NOT REPRESENT THAT THESE PLANS OR THE SPECIFICATIONS ARE SUITABLE FOR ANY SITE OTHER THAN THE ONE FOR WHICH THEY WERE SPECIFICALLY PREPARED. THE ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.

PROJECT OWNER & TITLE

FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8
4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE

PLAYGROUND DETAILS

DRAWN BY: XX JOB NUMBER: 22162

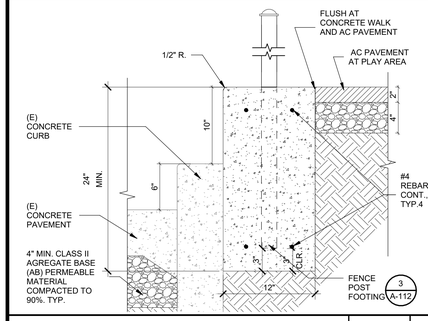
SHEET NO.

A-111

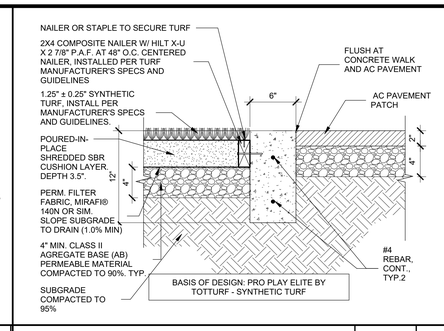
DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

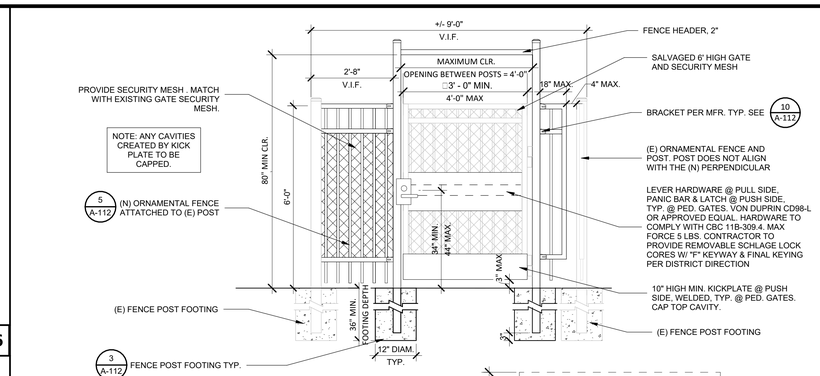
DATE PLOTTED: 2/21/2023 4:17:07 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Suisun Valley_A22_dvargasTH8BX.rvt



CURB DETAIL @ EXISTING CURB | 1 1/2" = 1'-0" | 21

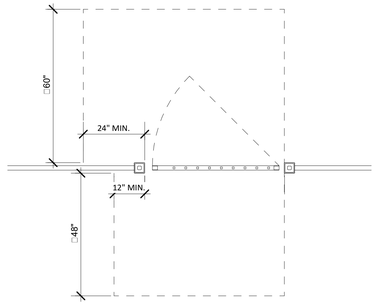


CURB DETAIL @ AC & ARTIFICAL TURF | 1 1/2" = 1'-0" | 16

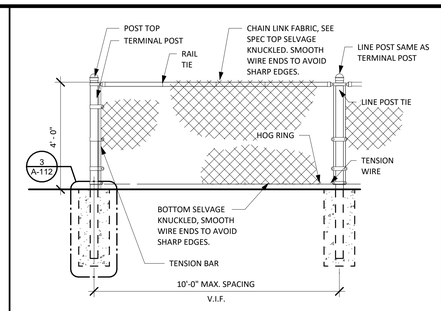


SINGLE SWING GATES	
OPENING	GATE POSTS
FACE TO FACE	SQ & RND SIZES
3'-0" THROUGH 6'-0"	2 1/2" SQ OR 2.875" OD

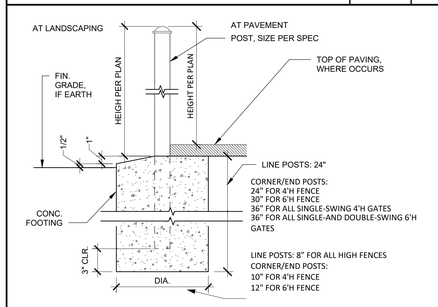
GENERAL NOTE:GATES IN PATH OF TRAVEL MUST COMPLY WITH EXIT DOOR REQUIREMENTS (SECTION 11B-404). PROVIDE LEVER, KICKPLATES, 5lbs PRESSURE TO OPERATE AND STRIKE SIDE CLEARANCE.



ORNAMENTAL FENCE AND GATE | 1/2" = 1'-0" | 7



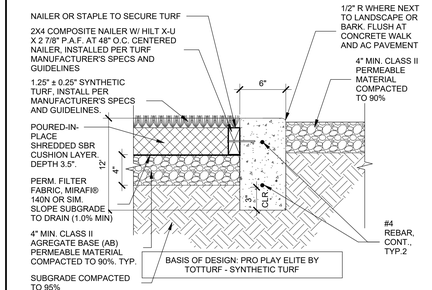
CHAINLINK FENCE ELEVATION | 1/2" = 1'-0" | 1



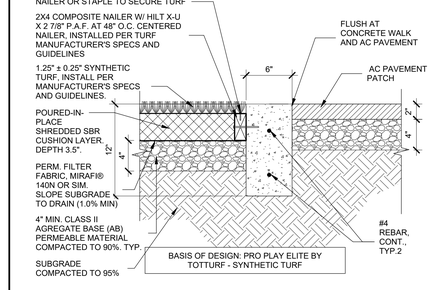
FENCE POST FOOTING | 1 1/2" = 1'-0" | 3



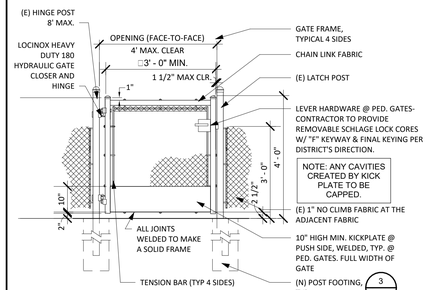
EXTEND OF CEMENT PLASTER | 1 1/2" = 1'-0" | 18



CURB DETAIL @ D.G. AREA | 1 1/2" = 1'-0" | 13



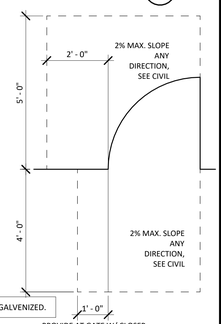
CURB DETAIL @ AC PAVEMENT | 1 1/2" = 1'-0" | 8



PUSH SIDE ELEVATION

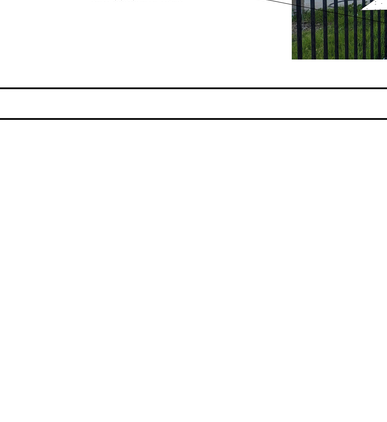
SINGLE SWING GATES	
OPENING	GATE POSTS
FACE TO FACE	SQ & RND SIZES
3'-0" THROUGH 6'-0"	2 1/2" SQ OR 2.875" OD

GENERAL NOTE:GATES IN PATH OF TRAVEL MUST COMPLY WITH EXIT DOOR REQUIREMENTS (SECTION 11B-404). PROVIDE LEVER, KICKPLATES, 5lbs PRESSURE TO OPERATE AND STRIKE SIDE CLEARANCE.

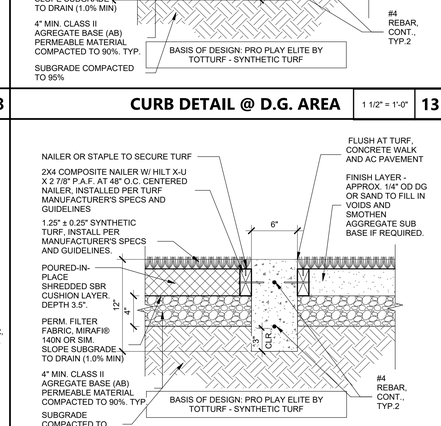


NOTE: ALL GATES AND FENCES TO BE HOT DIPPED GALVENIZED.

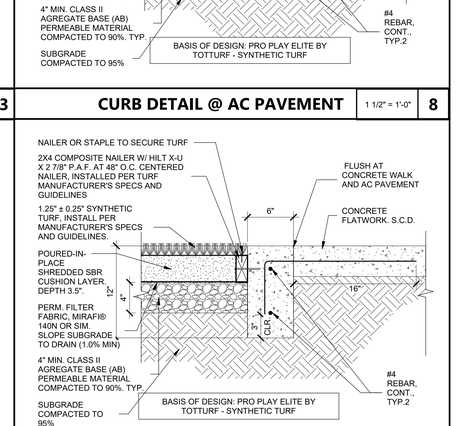
CL FENCE - TYPICAL SWING GATE | 1/2" = 1'-0" | 4



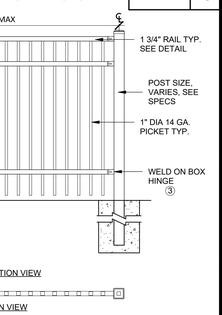
CURB DETAIL @ TRENCH DRAIN | 1 1/2" = 1'-0" | 19



CURB @ TF CUSHION LYR. & FINISH LYR. | 1 1/2" = 1'-0" | 14

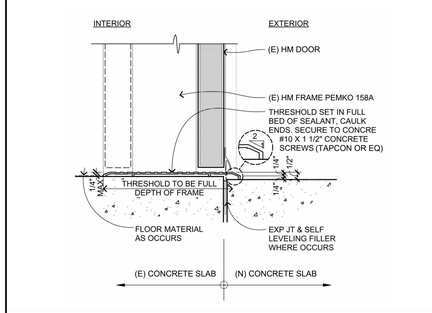


CURB DETAIL @ TRICYCLE PATH | 1 1/2" = 1'-0" | 9

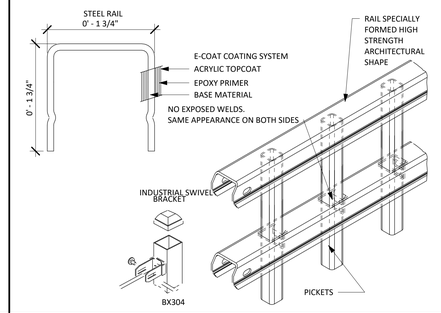


CL FENCE - TYPICAL SWING GATE | 1/2" = 1'-0" | 4

CURB DETAIL W/ (N) FENCE @ D.G. AREA | 1 1/2" = 1'-0" | 20



THRESHOLD | 3" = 1'-0" | 15



CONN. DETAIL - ORNAM. FENCE/GATE | NTS | 10

ORNAMENTAL FENCE | 1/2" = 1'-0" | 5

AGENCY APPROVAL DSA#

196 ARCHITECTS
991 W. HEDDING STREET, SUITE 101
SAN JOSE, CA 95126
TEL (408) 715-4470

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EL DORARO HILLS, CA 95762
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MTW GROUP
2707 K STREET, SUITE 201
SACRAMENTO, CA 95816
P: 99160 369-3990

PROFESSIONAL STAMP

LICENSED ARCHITECT MARIANA ALVARES REGO C-36107 RENEW 01 - 31 - 25 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION
A		

THE ARCHITECT DOES NOT REPRESENT THAT THESE PLANS OR THE SPECIFICATIONS ARE SUITABLE FOR ANY SITE OTHER THAN THE ONE FOR WHICH THEY WERE SPECIFICALLY PREPARED. THE ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.

PROJECT OWNER & TITLE

FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT
2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT SUISUN VALLEY K8

4985 Lambert Road
Fairfield, CA 94534

SHEET TITLE

SITE DETAILS

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.

A-112

DATE: FEBRUARY 21, 2023

CONSTRUCTION DOCUMENT

DATE PLOTTED: 2/21/2023 4:17:08 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Suisun Valley_A22_dvargasTH8BX.rvt