FAIFIELD SUISUN UNIFIED SCHOOL DISTRICT
PLAYGROUND REPLACEMENT AT
K. I. JONES 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

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
¢	PENNY	INV	INVERT
0#	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

THE PROPOSED PROJECT CONSISTS OF THE REPLACEMENT OF ONE PLAYGROUND STRUCTURE.

SCOPE OF WORK INCLUDES BUT IS NOT LIMITED TO :

- DEMOLITION OF EXISTING PLAY BOX CONCRETE CURB (OR PART OF IT AS SHOWN), SURFACE MATTING AND FILL, PLAY STRUCTURE INCLUDING ALL COMPONENTS AND FOUNDATION. ALL ITEMS TO BE DISPOSED OFF-SITE BY CONTRACTOR AND FOLLOWING LOCAL REGULATIONS FOR SAFE DISPOSAL.
- INSTALLATION OF NEW FLUSH CONCRETE CURB, DRAINAGE TO CLOSEST DRAIN INLET, AND SUBSTRATE FOR NEW PLAY SURFACE.
- INSTALLATION OF OWNER-FURNISHED PLAY EQUIPMENT. CONTRACTOR TO RECEIVE, UNLOAD, AND STORE EQUIPMENT ON SITE UNTIL TIME OF INSTALLATION.
- RESTORE ALL DISTURBED SURFACES.

ACCESSIBILITY UPGRADES:

- NEW ACCESSIBLE GATE

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

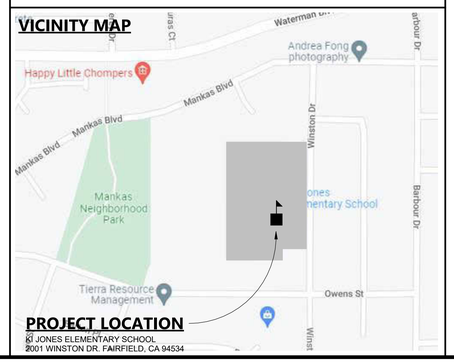
PARTIAL LIST OF APPLICABLE STANDARDS

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
KI JONES ELEMENTARY SCHOOL
2001 WINSTON DR. FAIRFIELD, CA 94534

SHEET INDEX

SHEET #	SHEET NAME	REV #	DATE
1. OVERALL GENERAL INFORMATION			
G-001	TITLE SHEET		
GENERAL SHEETS TOTAL: 1			
4. ARCHITECTURAL DRAWINGS			
A-101	SITE PLAN & ACCESSIBILITY PLAN		
A-102	ENLARGED DEMO & GRADING PLANS		
A-111	SITE DETAILS		
A-121	PLAYGROUND DETAILS		
ARCHITECTURAL SHEETS TOTAL: 4			
OVERALL SHEET TOTAL: 5			

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

NONE

PROFESSIONAL STAMP

LICENSED ARCHITECT MARIANA ALVAREZ PARGA 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
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2490 Hilborn Rd.
Fairfield, CA 94534
PLAYGROUND REPLACEMENT AT K.I. JONES ES
2001 Winston Dr.
Fairfield, CA 94534

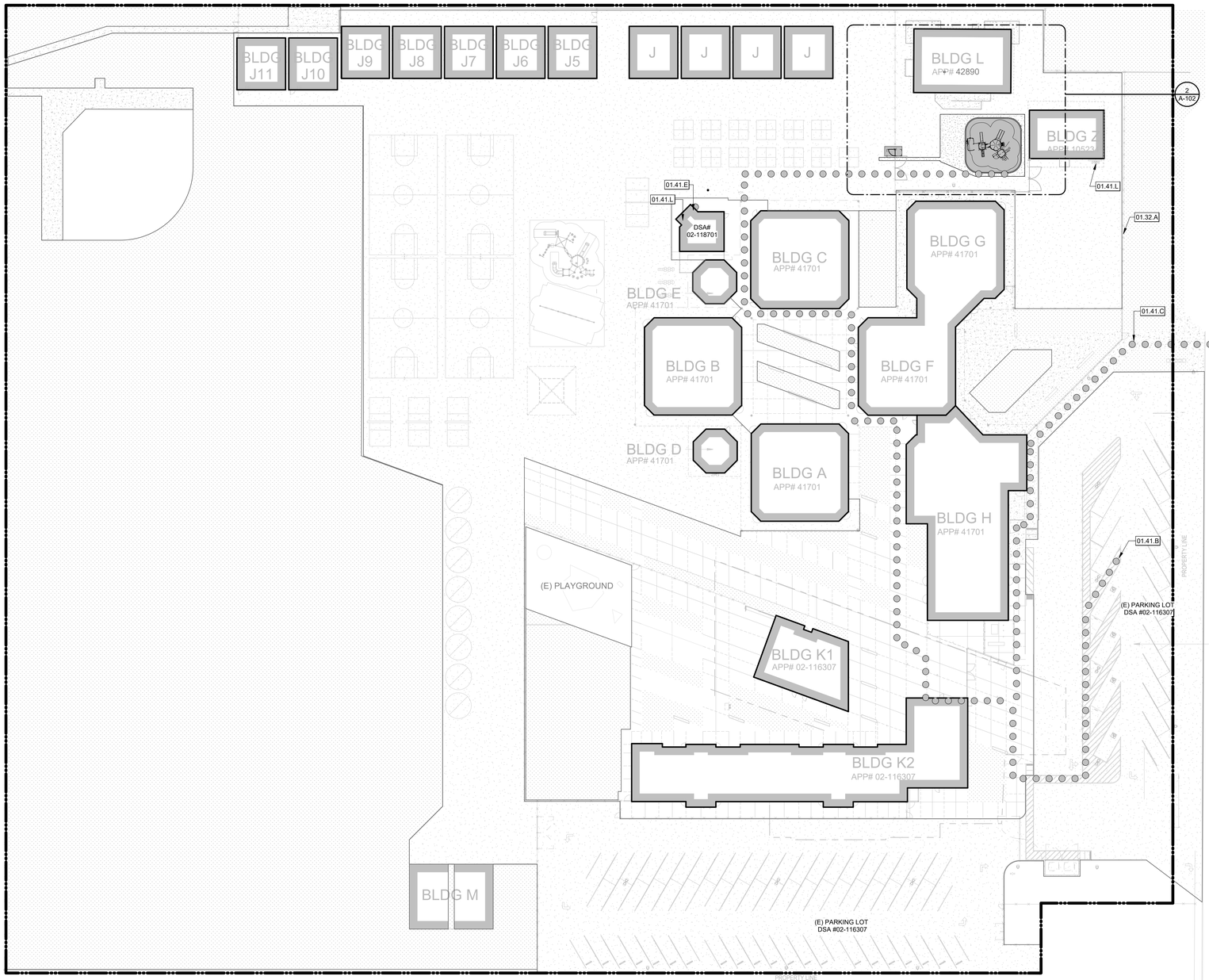
SHEET TITLE
TITLE SHEET

DRAWN BY: XX JOB NUMBER: 22162.01

SHEET NO.
G-001
DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 3:03:34 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01 _ Multi-site New Playground Installation_KI Jones_A22_dvargasTH8BX.rvt



PARKING LOT 01 - ANALYSIS

TOTAL NUMBER OF STALLS	NUMBER OF ACC. STALLS REQUIRED	NUMBER OF ACC. STALLS PROVIDED	NUMBER OF VAN ACC. STALLS REQUIRED	NUMBER OF VAN ACC. STALLS PROVIDED
77	2	4	1	1

PROJECT NORTH

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

KEYNOTES

01.32.A	(E) 4' HIGH CHAINLINK FENCE
01.41.B	(E) ACCESSIBLE P.O.T. FROM ADA PARKING STALL TO ENTRY
01.41.C	(E) INTERIOR ACCESSIBLE P.O.T. FROM ENTRY TO AREA OF WORK
01.41.E	(E) ACCESSIBLE STUDENT RESTROOMS SERVING AREA OF WORK DSA #02-118701
01.41.L	(E) DRINKING FOUNTAIN SERVING AREA OF WORK DSA #02-118701

SITE PLAN LEGEND

- PROPERTY LINE
- LIMITS OF WORK
- PROJECT AREA
- (E) CONCRETE PAVING
- (E) ASPHALT CONCRETE PAVING
- (E) BUILDING
- (E) LANDSCAPING
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE
- (N) ASPHALT CONCRETE PAVING — 6 / 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

FH — FIRE HYDRANT

FDC — FIRE DEPARTMENT CONNECTION

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#

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

CONSULTANTS

NONE

PROFESSIONAL STAMP

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

REVISIONS

NO.	DATE	DESCRIPTION

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SHEET TITLE

SITE PLAN & ACCESSIBILITY PLAN

DRAWN BY: XX JOB NUMBER: 22162.01

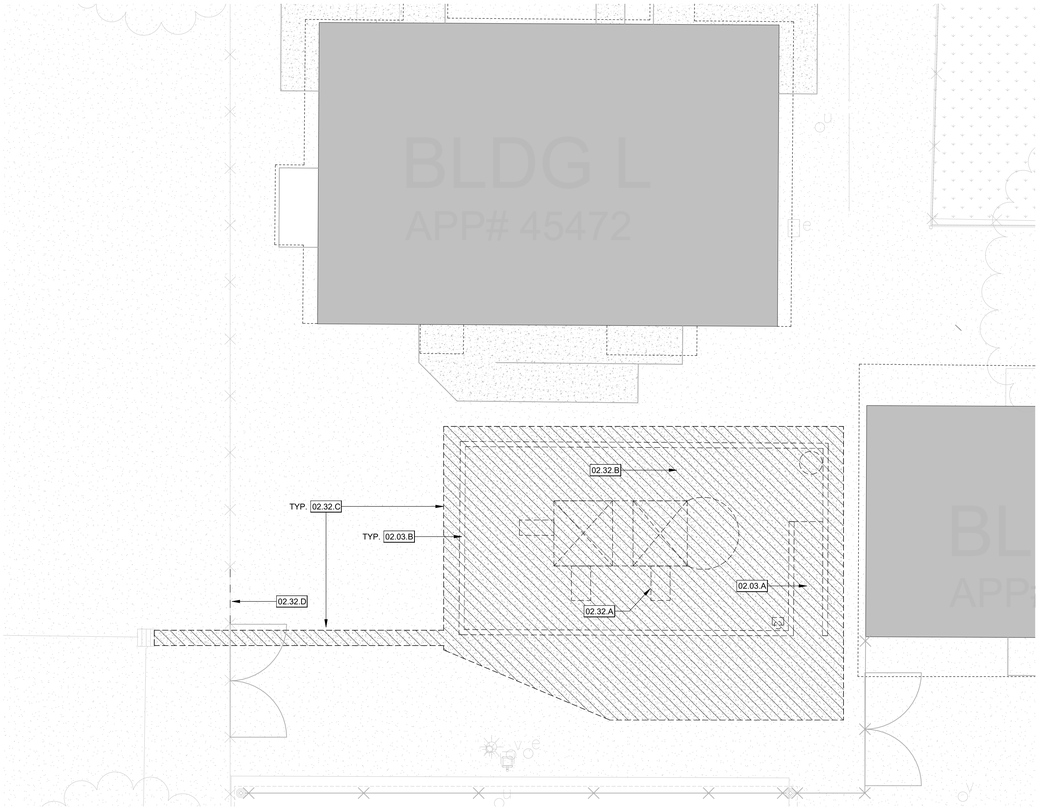
SHEET NO.

A-101

DATE: FEBRUARY 9, 2023

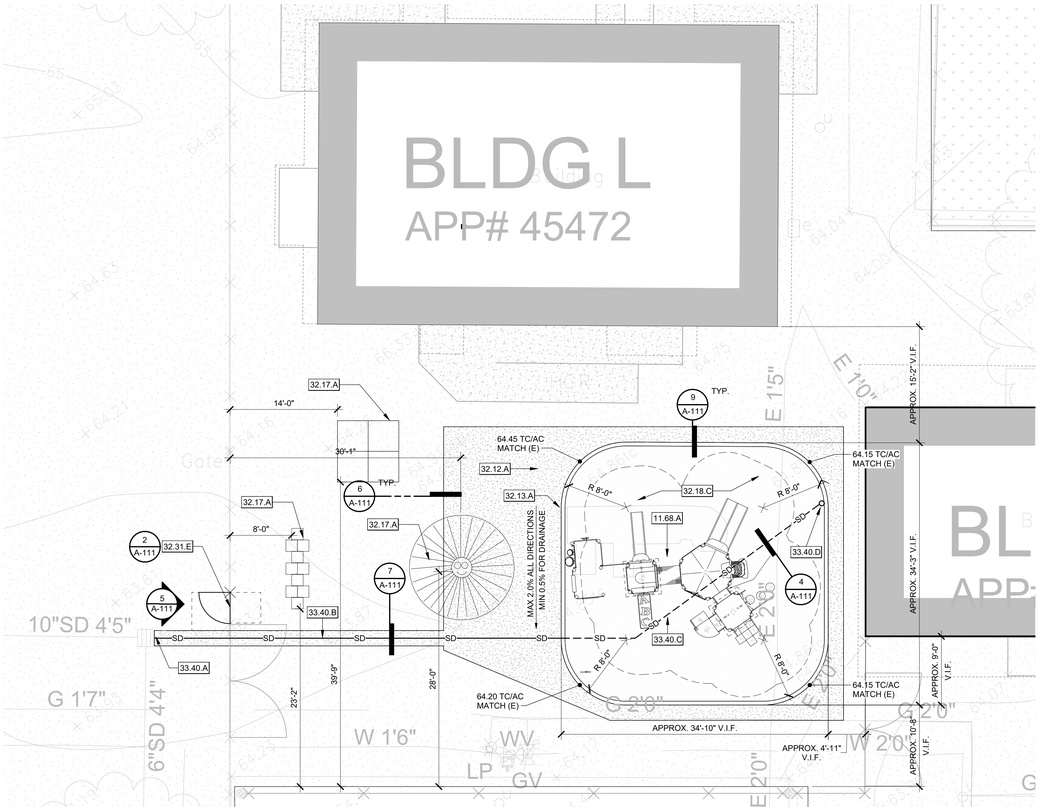
CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 3:03:24 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_Multi-site New Playground Installation_Ki Jones_A22_dvargasTH8BX.rvt



PROJECT NORTH

DEMOLITION PLAN | 1/8" = 1'-0" | **1**



PROJECT NORTH

GRADING AND DRAINAGE PLAN | 1/8" = 1'-0" | **2**

KEYNOTES

02.03.A	DEMOLISH EXISTING CONCRETE RAMP.
02.03.B	DEMOLISH EXISTING CONCRETE CURB.
02.32.A	REMOVE EXISTING PLAYGROUND STRUCTURE, SUPPORTS, AND FOOTINGS COMPLETELY. FILL VOIDS WITH COMPACTED NATIVE SOILS.
02.32.B	EXISTING PLAYGROUND BARK TO BE REMOVED. REMOVE BARK AND SOIL TO A DEPTH OF 16" BELOW ADJACENT GRADE. SCARIFY AND COMPACT SUBGRADE TO RECIEVE NEW AGGREGATE BASE, CUSHION LAYER, AND PLAY MATTING. SEE SHEET A-111. BUILD-UP SUBGRADE AS REQUIRED PER DETAILS.
02.32.C	SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. PREPARE FOR ASPHALT PATCHBACK AND CONFORM TO ADJACENT GRADES.
02.32.D	DEMOLISH EXISTING PORTION OF CHAINLINK FENCE BETWEEN POST
11.68.A	(N) O.F.C.I. PLAY EQUIPMENT. INSTALL PER MANUFACTURER RECOMMENDATIONS. SEE SHEET A-121.
32.12.A	(N) ASPHALT PAVING PER DETAIL 6/A-111.
32.13.A	(N) CONCRETE FLUSH CURB PER DETAIL 2/A-111.
32.17.A	NEW STRIPING, SEE PLAY AREA STRIPING DETAIL
32.18.C	(N) ARTIFICIAL TURF WITH SAFETY SURFACE TO MEET ASTM F1292 & F1951. SEE DETAIL 25/A-111.
32.31.E	(N) SINGLE CHAIN LINK GATE WITH PANIC HARDWARE
33.40.A	CONNECT (N) STORM DRAIN TO (E) DRAIN INLET VERIFY LOCATION AND DEPTH. GROUT BOX PENETRATION.
33.40.B	INSTALL APPROX 54 L.F. OF 4" SDR-35 PVC STORM PIPE, MIN 1.0% SLOPE, PER DETAIL 7/A-111.
33.40.C	INSTALL APPROX 37 L.F. OF 4" PERF PVC STORM PIPE, MIN 1.0% SLOPE, PER DETAIL 3/A-111. ROUTE AROUND (N) PLAY EQUIPMENT FOOTINGS AS NEEDED.
33.40.D	INSTALL STORM CLEANOUT PER DETAIL 8/A-111 IN (N) CURB.

SITE PLAN LEGEND

- ASSUMED PROPERTY LINE
- LIMITS OF WORK
- (E) BUILDING
- (E) SITE FEATURE TO BE REMOVED
- (E) ASPHALT CONCRETE PAVING
- (N) ASPHALT CONCRETE PAVING — 6 / A-111
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE — 25 / A-111
- X——X——X——X (E) 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. 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#

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

CONSULTANTS

NONE

PROFESSIONAL STAMP

LICENSED ARCHITECT — ARTURO ALVAREZ PARRA — C-36107 — EXPIRES 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 K.I. JONES ES

2001 Winston Dr.
Fairfield, CA 94534

SHEET TITLE

ENLARGED DEMO & GRADING PLANS

DRAWN BY: XX JOB NUMBER: 22162.01

SHEET NO.

A-102

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 3:03:28 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_KI Jones_A22_dvargasTH8BX.rvt

GRADING AND PAVING SPECIFICATIONS:

A. **STANDARD SPECIFICATIONS:**

1. EXCEPT AS MODIFIED OR OTHERWISE SPECIFIED ON THE DRAWINGS OR HEREIN, CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM WITH THE ***STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), 2015 EDITION***, PUBLISHED BY BUILDING NEWS, INC.

B. **GEOTECHNICAL ENGINEER:**

1. A GEOTECHNICAL INVESTIGATION HAS NOT BEEN PERFORMED FOR THIS PROJECT.
2. A GEOTECHNICAL ENGINEER WILL BE ENGAGED BY THE SCHOOL DISTRICT TO PERFORM OBSERVATION, TESTING, AND/OR REPORTING DURING CONSTRUCTION SHOULD THE I.O.R. DEEM IT NECESSARY.

C. **LICENSED LAND SURVEYOR:**

1. A LICENSED SURVEYOR, HIRED BY THE CONTRACTOR, SHALL LAY OUT THE WORK, SET GRADE STAKES, CHECK FORMS, AND CHECK SURFACE OF PAVEMENT BASE COURSES AS NECESSARY.

D. **EARTHWORK QUANTITIES:**

1. CONTRACTOR SHALL PERFORM AN INDEPENDENT EARTHWORK QUANTITY ANALYSIS ON WHICH TO BASE HIS BID. CONTRACTOR SHALL NOT BE RELIEVED OF LIABILITY UNDER THE CONTRACT FOR ANY LOSS HE MAY SUSTAIN AS A RESULT OF ANY VARIANCE BETWEEN HIS EARTHWORK ESTIMATES AND THE ACTUAL EARTHWORK QUANTITIES REQUIRED TO ACCOMPLISH GRADING AS SPECIFIED HEREIN AND AS NECESSARY FOR CONSTRUCTION OF IMPROVEMENTS TO THE FINISH GRADES OR PAVEMENT SUBGRADES CALLED FOR ON THE DRAWINGS.

E. **DUST CONTROL:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL OF DUST DURING THE ENTIRE CONSTRUCTION PERIOD AND FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM CONTRACTOR'S OPERATIONS.
2. EMPLOY LABOR, EQUIPMENT AND METHODS REQUIRED TO PREVENT CONSTRUCTION OPERATIONS FROM PRODUCING DUST DAMAGING TO PERSONS, PROPERTY, VEGETATION AND ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. CONTINUE DUST ABATEMENT MEASURES UNTIL AUTHORIZED BY THE OWNER'S REPRESENTATIVE TO DISCONTINUE THEM.
3. DURING TIMES OF EARTH DISTURBANCE OR MOVEMENT, MONITOR THE AMOUNT OF DUST RAISED BY THE ACTIVITY AND WATER THE AREAS BEING DISTURBED AS NEEDED TO PREVENT DUST FROM LEAVING THE PROJECT SITE.
4. ENSURE THAT TRUCKS TRANSPORTING MATERIAL FROM THE SITE ARE TARPED BEFORE LEAVING THE SITE WITH TARPS SUFFICIENTLY SECURE TO REMAIN TARPED TO THE POINT OF DISPOSAL.
5. COVER STOCKPILED SOIL MATERIALS AS REQUIRED TO PREVENT WIND-BLOWN DUST.

F. **EROSION AND SEDIMENTATION CONTROL:**

1. PROVIDE STORM WATER POLLUTION PREVENTION MATERIALS AND METHODS IN ACCORDANCE WITH THE CONSTRUCTION BMP ONLINE HANDBOOK, JANUARY 2015 EDITION, AVAILABLE ONLINE FROM THE CALIFORNIA STORMWATER QUALITY ASSOCIATION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL OF EROSION AND SEDIMENT TRANSPORT DURING THE ENTIRE CONSTRUCTION PERIOD AND FOR ANY DAMAGE CAUSED BY EROSION OR SEDIMENT TRANSPORT RESULTING FROM CONTRACTOR'S OPERATIONS.

G. **CLEARING AND GRUBBING:**

1. PRIOR TO COMMENCING GRADING OR TRENCHING OPERATIONS, CLEAR THE EXISTING GROUND SURFACE OF AREAS TO BE GRADED OR TRENCHED OF ALL VEGETATION (EXCEPT TREES INDICATED ON THE DRAWINGS TO REMAIN), WHETHER LIVING OR DEAD, INCLUDING ROOTS AND ROOT STRUCTURES, AS WELL AS ALL TRASH AND DEBRIS, UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER.
2. PRIOR TO COMMENCING GRADING OR TRENCHING OPERATIONS, EXCAVATE AND REMOVE FROM AREAS TO BE GRADED OR TRENCHED ALL EXISTING UNDOCUMENTED OR NON-COMPLYING FILL AND SOIL CONTAINING DEBRIS, ORGANICS, PAVEMENT AND OTHER UNSUITABLE MATERIAL, AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
3. IF, DURING THE REMOVAL AND SCARIFICATION PROCESS, EXCESSIVE ROOT STRUCTURES ARE ENCOUNTERED, THESE AREAS SHALL BE DEEP RIPPED IN TWO DIRECTIONS TO THE DEPTH OF THE ROOT STRUCTURE AFTER WHICH THE DISTURBED SOILS AND THE ROOTS SHALL BE COMPLETELY REMOVED AND THE RESULTING CAVITIES SHALL BE SCARIFIED AND PROCESSED TO RECEIVE FILL IN ACCORDANCE WITH RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

H. **GRADING:**

1. GRADING WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, THE FOLLOWING:
   - ALL EXCAVATION TO THE GRADES SHOWN ON OR INDICATED BY THE DRAWINGS AND AS SPECIFIED HEREIN.
   - ALL EARTH FILL TO THE GRADES SHOWN ON OR INDICATED BY THE DRAWINGS AND AS SPECIFIED HEREIN.
   - ALL IMPORT AND EXPORT OF EARTH MATERIAL AS REQUIRED TO ACCOMPLISH THE FINISH GRADES AND PAVEMENT SUBGRADES SHOWN ON OR INDICATED BY THE DRAWINGS AND AS SPECIFIED HEREIN.
   - ALL CONDITIONING, PLACEMENT, COMPACTION AND RECOMPACTION OF EARTHWORK.
2. ON-SITE SOILS FREE OF OVERSIZE ROCKS AND IRREDUCIBLE MATERIAL (OVER 3 INCHES IN LARGEST DIMENSION), TRASH AND DEBRIS, ORGANICS AND DELETERIOUS MATERIALS MAY BE USED AS FILL, SUBJECT TO PRIOR REVIEW AND APPROVAL BY THE GEOTECHNICAL ENGINEER. IF IMPORTED SOIL IS NECESSARY, THE MATERIAL SHALL BE GRANULAR AND NON-EXPANSIVE, EQUAL OR SUPERIOR IN QUALITY TO THE ON-SITE SOILS, AS DETERMINED BY THE GEOTECHNICAL ENGINEER PRIOR TO IMPORTATION OF THE FILL MATERIAL TO THE SITE.
3. BEFORE PLACING ANY FILL MATERIAL, REQUEST REVIEW OF THE EXPOSED IN-PLACE SOILS BY, AND PREPARE THESE SOILS TO RECEIVE FILL AS RECOMMENDED BY, THE GEOTECHNICAL ENGINEER, INCLUDING:
   - CORRECTING ANY SOFT, OVERWET OR PUMPING AREAS, AS RECOMMENDED
   - OVEREXCAVATING OR SCARIFYING, MOISTURE CONDITIONING, AND RECOMPACTING AS RECOMMENDED AND AT LEAST THE UPPER 9 INCHES TO AT LEAST 90% OF MAXIMUM DENSITY.
4. PLACE FILL MATERIAL IN LAYERS THAT CAN BE COMPACTED WITH THE EQUIPMENT BEING USED AND AS REQUIRED BY THE GEOTECHNICAL ENGINEER BUT NOT MORE THAN 6 INCHES IN LOOSE THICKNESS. AFTER EACH LAYER HAS BEEN CONDITIONED AND PLACED, COMPACT THE MATERIAL TO THE FOLLOWING DENSITIES:
   - STRUCTURAL FILL NOT OTHERWISE SPECIFIED: MINIMUM 90% OF MAXIMUM DENSITY
   - UPPER 12" OF AREAS TO RECEIVE LANDSCAPING BUT NO OTHER SURFACE IMPROVEMENTS: 85% OF MAXIMUM DENSITY
   - BASE COURSE AND UPPER 12" OF SUBGRADE SOIL BENEATH BASE COURSE IN PAVEMENT AND WALKWAY AREAS: MINIMUM 95% OF MAXIMUM DENSITY

I. **CONCRETE:**

1. BASE MATERIAL
   - SAND BASE MATERIAL SHALL BE IMPORTED CLEAN SAND OF SUCH GRADATION THAT 90% TO 100% PASSES THROUGH A NO. 4 SIEVE, LESS THAN 5% PASSES THROUGH A NO. 200 SIEVE, AND THE SAND EQUIVALENT VALUE IS GREATER THAN OR EQUAL TO 40. FOR PROCESSED SAND, A MAXIMUM OF 15% SHALL PASS THROUGH A NO. 200 SIEVE.
   - AGGREGATE BASE MATERIAL SHALL BE CRUSHED AGGREGATE BASE CONFORMING TO SECTION 200-2.2 OF THE STANDARD SPECIFICATIONS (SSPWC).
2. FORM MATERIALS
   - GENERAL: SHALL CONFORM TO CALIFORNIA BUILDING CODE, SECTION 1906, FORMWORK, EMBEDDED PIPES AND CONSTRUCTION JOINTS.
   - PLYWOOD FORMS: DOUGLAS FIR SPECIES; SOLID-ONE-SIDE, SOUND UNDAMAGED SHEETS. UNLESS OTHERWISE CALLED FOR ON PLANS, SURFACE OF FORM SIDE AGAINST CONCRETE SHALL PROVIDE A MEDIUM DENSITY TEXTURE.
   - LUMBER: DOUGLAS FIR SPECIES; CONSTRUCTION GRADE WITH GRADE STAMP CLEARLY VISIBLE.
   - STEEL FORMS: MINIMUM 16 GAGE THICK, STIFFENED TO SUPPORT WEIGHT OF CONCRETE WITH MINIMUM DEFLECTION.
   - FORM TIES: REMOVABLE METAL OF ADJUSTABLE LENGTH, CONE ENDS.
3. REINFORCING STEEL
   - ALL REINFORCING SHALL BE FABRICATED FROM STEEL MANUFACTURED IN THE UNITED STATES.
   - REINFORCING STEEL SHALL BE DEFORMED BILLET-STEEL FOR CONCRETE REINFORCEMENT CONFORMING TO ASTM A-615, GRADE 60 FOR BAR SIZES NO. 4 AND LARGER, GRADE 40 FOR BAR SIZE NO. 3, GRADE 60 ACCEPTABLE FOR ALL SIZES.
   - WELDED BARS SHALL CONFORM TO THE MOST RECENT ISSUE OF ASTM STANDARD A-706, GRADE 60 FOR ALL BAR SIZES.
4. CONCRETE MATERIALS
   - CEMENT: SHALL BE TYPE II, LOW ALKALI (NO HIGHER THAN 0.4%), CONFORMING TO ASTM C-150.
   - AGGREGATES (COARSE AND FINE): ALL AGGREGATE USED IN CONCRETE SHALL CONFORM TO ASTM C-33. AGGREGATE SHALL BE UNIFORMLY GRADED, WITH THE MAXIMUM AGGREGATE SIZE BEING 3/4" TO 1", AND THE RATIO OF COARSE AGGREGATE TO FINE AGGREGATE BEING APPROXIMATELY 60% TO 40% (BY WEIGHT), RESPECTIVELY.
   - COARSE AND FINE AGGREGATE (SAND) ARE TO COME FROM A SOURCE PROVEN TO HAVE NON-REACTIVE CHARACTERISTICS. COARSE AGGREGATE WHICH IS HEAVY MEDIA PROCESSED (SATICOY, SISQUOC), SANTA MARGARITA ROCK, OR SAN GABRIEL ROCK WILL BE CONSIDERED AS MEETING THE CRITERIA OF NON-REACTIVITY. MOORPARK SAND (QUALITY, BEST, BLUE STAR) WILL BE CONSIDERED AS MEETING THE REQUIREMENTS OF NON-REACTIVITY. OTHER AGGREGATES MEETING OR EXCEEDING THE AGGREGATE REACTIVITY CHARACTERISTICS OF THE AGGREGATES LISTED ABOVE ARE ACCEPTABLE UPON SUBMITTAL OF ADEQUATE DOCUMENTATION (ASTM C-289 AND ASTM C-277 TEST RESULTS THAT ARE NOT MORE THAN 2 YEARS OLD).
   - WATER: SHALL BE CLEAN, SUITABLE FOR HUMAN CONSUMPTION, AND NOT DETRIMENTAL TO CONCRETE.
5. CURING COMPOUND
   - SHALL BE WATER-BASE LIQUID MEMBRANE-FORMING COMPOUND CONFORMING TO ASTM C309, 1100-CLEAR SERIES MANUFACTURED BY W.R. MEADOWS, INC., OR EQUIVALENT, FOR USE ON EXTERIOR FLATWORK ONLY.
   - LIQUID MEMBRANE-FORMING COMPOUND SHALL BE APPLIED AT THE RATE OF 1 GALLON PER 200 SQUARE FEET, IN 2 COATS, THE SECOND COAT APPLIED AT RIGHT ANGLES TO THE FIRST.
6. BONDING AGENT
   - SHALL BE POLYVINYL ACETATE HIBOND MANUFACTURED BY LAMBERT CORPORATION, ORLANDO, FL, LOCK BOND NO. 906 MANUFACTURED BY MACKLANBURG-DUNCAN CO., CITY OF INDUSTRY, CA, OR EQUIVALENT.
7. CONCRETE MIX
   - MIX AND DELIVER CONCRETE IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, SECTION 1905A.
   - HAVE MIX DESIGNED AND CERTIFIED BY A REGISTERED CIVIL ENGINEER, LICENSED IN CALIFORNIA.
   - SELECT PROPORTIONS FOR CONCRETE IN ACCORDANCE WITH THE APPROVED DESIGN MIX.
   - PROVIDE CONCRETE CONFORMING TO THE FOLLOWING CRITERIA:

ELEMENT	STRENGTH MIN. 28 DAYS	MIN. CEMENT CONTENT	MAX. AGG. SIZE	MAX SLUMP	WAT/CEM RATION	ADMIXTURES
CURBS, GUTTERS, RAMPS, WALKS & FLATWORK	3,000 PSI	5.5 SACK/C.Y.	3/4-INCH	4 INCHES	0.59	SEE BELOW

   - INCLUDE THE FOLLOWING ADMIXTURES:
     - 2% MAX. AIR ENTRAINMENT
     - 15% FLY ASH, CLASS N OR F ONLY
     - WATER REDUCING ADMIXTURE: GRACE WRDA 64, OR APPROVED EQUAL
   - THE USE OF A PEA GRAVEL MIX (ROUNDED 3/8" AGGREGATE) CONCRETE MIX IS EXPRESSLY PROHIBITED.
8. EXPANSION JOINT
   - FILLER MATERIAL SHALL BE PREFORMED BITUMINOUS TYPE CONFORMING TO ASTM STANDARD D-1751.
   - DOWEL TUBING SHALL BE PLASTIC SPEED DOWEL SUPPLIED WITH SACRIFICIAL PLATE FOR ATTACHING TO FORM, AS SUPPLIED BY AZTEC CONCRETE ACCESSORIES, OR APPROVED EQUAL.
9. REMOVABLE JOINT CAP
   - HIGH IMPACT POLYSTYRENE, DEPTH EQUAL TO WIDTH OF EXPANSION JOINT FILLER, SUPPLIED IN 10-FOOT LENGTHS, AS MANUFACTURED BY CONCRETE TIE, OR EQUIVALENT.
   - WHERE POLYURETHANE SEALANT PRIMERS ARE USED, A BONDBREAKER TAPE SHALL BE APPLIED PRIOR TO CAULKING.
10. JOINT SEALANT
    - FOR CRACK-CONTROL AND EXPANSION JOINTS SHALL BE CHEMICAL-CURE, TWO COMPONENT, POLYURETHANE-BASE, NON-SAG ELASTOMERIC SIKAFLEX-2CNS MANUFACTURED BY SIKA CORPORATION, LYNDHURST, NJ, OR APPROVED EQUIVALENT. COLOR: LIMESTONE GREY.
11. EPOXY, FLATWORK DOWELS
    - EPOXY USED FOR GROUTING REBAR DOWELS TO MAINTAIN JOINT INTEGRITY BETWEEN SITE FLATWORK COMPONENTS (CURBS, GUTTERS, WALKWAYS, RAMPS) SHALL BE SIMPSON SET-XP ADHESIVE, ICC NO. ESR-2508, OR EQUIVALENT. PULL TESTS ARE NOT REQUIRED.

J. **ASPHALT CONCRETE PAVING:**

1. AGGREGATE BASE MATERIAL SHALL BE CRUSHED AGGREGATE BASE CONFORMING TO SECTION 200-2.5 OF THE STANDARD SPECIFICATIONS (SSPWC).
2. ASPHALT CONCRETE SHALL BE THE PRODUCT OF MIXING MINERAL AGGREGATE AND A MAXIMUM OF 15 PERCENT RECLAIMED ASPHALT PAVEMENT (RAP) WITH PAVING ASPHALT, IN CONFORMANCE WITH SECTION 203-6 OF THE STANDARD SPECIFICATIONS (SSPWC).
3. PAVING ASPHALT SHALL BE PERFORMANCE GRADE PG 64-10, IN CONFORMANCE WITH SECTION 203-1 OF THE STANDARD SPECIFICATIONS (SSPWC).
4. ASPHALT CONCRETE DESIGNATED BY CLASS AND GRADE FOR VARIOUS APPLICATIONS SHALL BE AS FOLLOWS:
   - BASE COURSE, DENSE-GRADED: B (3/4") - PG 64-10-RAP
   - FINISH COURSE (PARKING), DENSE-GRADED: C2 (1/2") - PG 64-10-RAP
   - ASPHALT CONCRETE CURB: D2 (3/8") - PG 70-10-RAP
5. PAINT BINDER FOR TACK COAT SHALL BE SS-1H EMULSIFIED ASPHALT CONFORMING TO SECTION 203-3 OF THE STANDARD SPECIFICATIONS (SSPWC). APPLY A PAINT BINDER OF ASPHALTIC EMULSION AT THE RATE OF 0.15 GALLONS PER SQUARE YARD OF SURFACE TO EXISTING VERTICAL SURFACES AGAINST WHICH PAVING WILL BE PLACED AND BETWEEN PAVEMENT COURSES CONSTRUCTED MORE THAN 24 HOURS APART.
6. MATERIALS FOR SEALCOAT SHALL CONFORM TO SECTION 203-9 OF THE STANDARD SPECIFICATIONS (SSPWC).
   - GUARD TOP ASPHALT BASED SEALANT OR APPROVED EQUAL
7. BEFORE ORDERING DELIVERY OF A.C. PAVEMENT, CONFIRM BY SURVEY THAT THE FINISH SURFACE OF THE BASE COURSE FOR PAVEMENTS AND FOR PAVEMENT-RELATED STRUCTURES SHALL NOT VARY MORE THAN 1/2 INCH (0.04 FOOT) FROM THE DESIGN ELEVATION, SLOPE AND CROSS-SECTION, ESTABLISHED WITH DUE ALLOWANCE FOR THICKNESS OF SURFACING. VARIATIONS WITHIN THE SPECIFIED TOLERANCE SHALL BE COMPENSATING SUCH THAT THE AVERAGE ELEVATION, SLOPE, AND CROSS-SECTION CONFORM TO THOSE SPECIFIED PER PLAN.
8. AFTER CONSTRUCTION OF A.C. PAVEMENT AND APPURTENANT CONCRETE FEATURES BUT BEFORE SEAL COATING AND PAINTING STRIPING AND MARKINGS, CONDUCT A FLOOD TEST TO REVIEW SURFACE DRAINAGE, AS FOLLOWS:
   - SUPPLY AND DISCHARGE WATER IN SUFFICIENT QUANTITY TO COMPLETELY WET AND COVER ALL A.C. PAVEMENT AND CONCRETE GUTTER AREAS AND ALLOW TO DRAIN/DRY FOR ONE HOUR AT 70° F OR WARMER. MARK THE OUTLINE LIMITS OF RESIDUAL STANDING WATER DEEP ENOUGH TO COVER A 5 CENT PIECE, OR DEEPER.
   - REMOVE AND REPLACE A.C. PAVEMENT AND CONCRETE GUTTER IMPROVEMENTS AT NO ADDITIONAL COST TO THE OWNER, AS NECESSARY TO PROVIDE POSITIVE SURFACE DRAINAGE AND TO PREVENT PONDING OF WATER ON PAVEMENT SURFACES AND IN GUTTERS. SUBSTITUTION OF ASPHALT CONCRETE SKIN PATCH IN LIEU OF REMOVAL AND REPLACEMENT OF PAVEMENT SHALL BE AT SOLE DISCRETION OF THE OWNER.
   - CONDUCT ADDITIONAL FLOOD TESTING TO CONFIRM SUCCESS OF CORRECTIVE MEASURES.

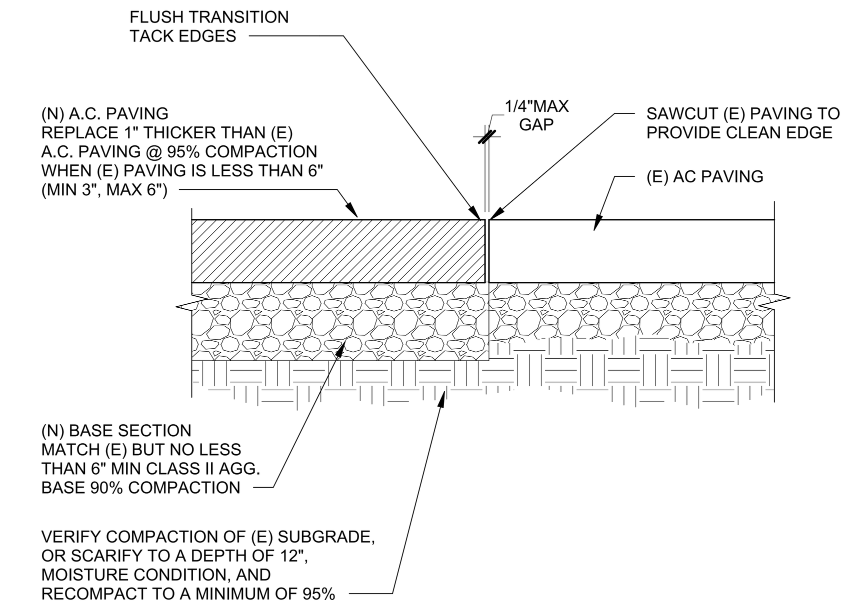
K. **SUBMITTALS:**

1. PROVIDE SUBMITTALS DEMONSTRATING CONFORMANCE OF MATERIALS PROPOSED FOR USE IN THE PROJECT WITH REQUIREMENTS SPECIFIED HEREIN OR ON THE PLAN, AS FOLLOWS:
   - AGGREGATE BASE
   - A.C. PAVEMENT MIX
   - CONCRETE MIX
   - REBAR
   - SITE UTILITIES

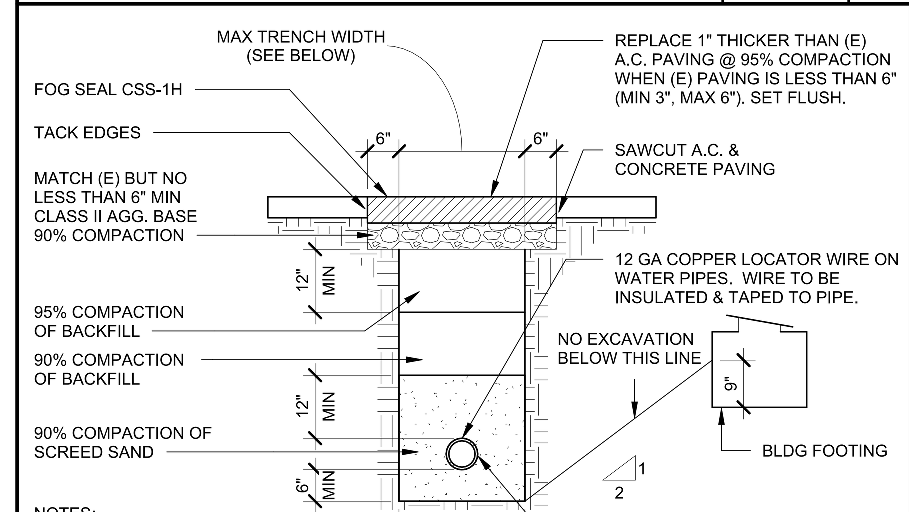
GENERAL CONSTRUCTION NOTES

1. ALL REFERENCED SPECIFICATIONS, CODES, DRAWINGS AND DETAILS SHALL BE INCORPORATED INTO THESE PLANS AND MADE A PART HEREOF AS IF SPELLED OUT OR DELINEATED IN THEIR ENTIRETY HEREON.
2. ALL MATERIALS AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK), 2006 EDITION (PUBLISHED BY BUILDING NEWS, INC., LOS ANGELES), AS MODIFIED BY THE LOCAL AUTHORITY HAVING JURISDICTION STANDARD DETAILS AND THE NOTES LOCATED ON THESE PLANS.
3. ALL MATERIALS AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE LOCAL PUBLIC WORKS DEPARTMENT CONSTRUCTIONS STANDARD DETAILS, LATEST EDITION.
4. GRADING OR OTHER CONSTRUCTION WORK OFFSITE IS NOT PERMITTED WITHOUT PRIOR WRITTEN PERMISSION OF THE AFFECTED OFFSITE PROPERTY OWNERS.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE PROJECT'S CONDITIONS OF APPROVAL AND ABIDE BY THEIR REQUIREMENTS AS APPLICABLE.
6. BEFORE BEGINNING WORK A PRE-CONSTRUCTION MEETING SHALL BE HELD. THE CONTRACTOR SHALL CONTACT THE LOCAL PUBLIC WORKS DEPARTMENT, THE UTILITY COMPANIES, THE GEOTECHNICAL ENGINEER, AND THE ARCHITECT AND SHALL DETERMINE FROM EACH: (1) SCOPE OF WORK TO BE OBSERVED AND BY WHOM, (2) SCOPE OF TESTING, AND (3) ADVANCE NOTICE REQUIRED (MINIMUM OF 48 HOURS). DURING THE COURSE OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR OBSERVATION AND TESTING AS STIPULATED PURSUANT TO ABOVE DETERMINATIONS. WORK NOT OBSERVED AND TESTED WILL BE SUBJECT TO REJECTION.
7. BEFORE BEGINNING WORK, THE CONTRACTOR SHALL DETERMINE OR VERIFY THE LOCATION AND FLOW LINE ELEVATION OF ALL EXISTING WATER, SEWER, AND DRAINAGE STRUCTURES AND/OR CONDUITS TO BE JOINED BY NEW CONSTRUCTION. IF DIFFERENCES ARE OBSERVED THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER BY PHONE AND IN WRITING.
8. PROTECT EXISTING UTILITIES IN PLACE.
9. CONTRACTOR TO REPAIR ALL EXISTING LANDSCAPE AREAS IMPACTED BY PAVING ACTIVITIES. REPAIR TO INCLUDE RE-GRADING TO ENSURE PROPER DRAINAGE, SMOOTHING OF SURFACE, AND RE-SEEDING TO MATCH ADJACENT AREAS.

SITE SPECIFICATIONS | 12" = 1'-0" | 14



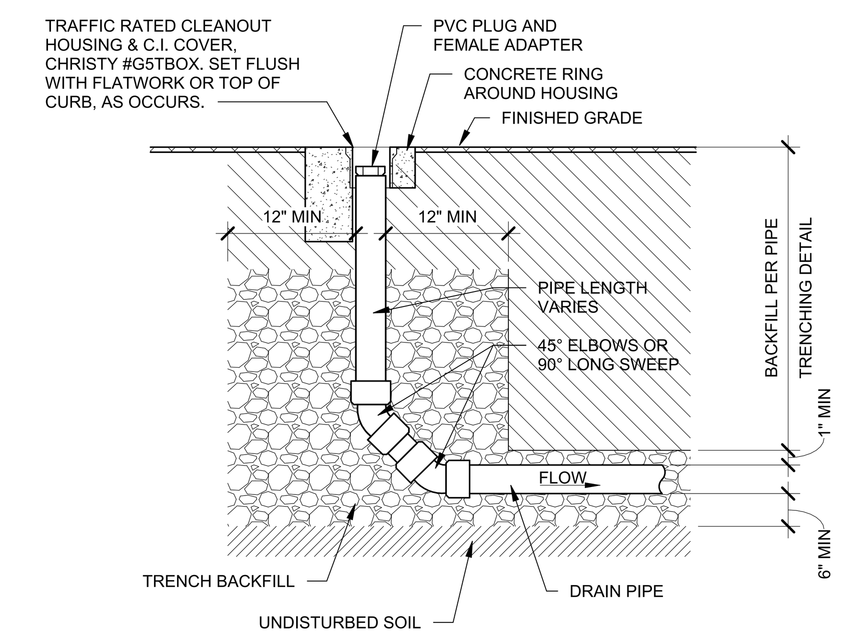
A.C. PAVING AND JOINT | 1 1/2" = 1'-0" | 6



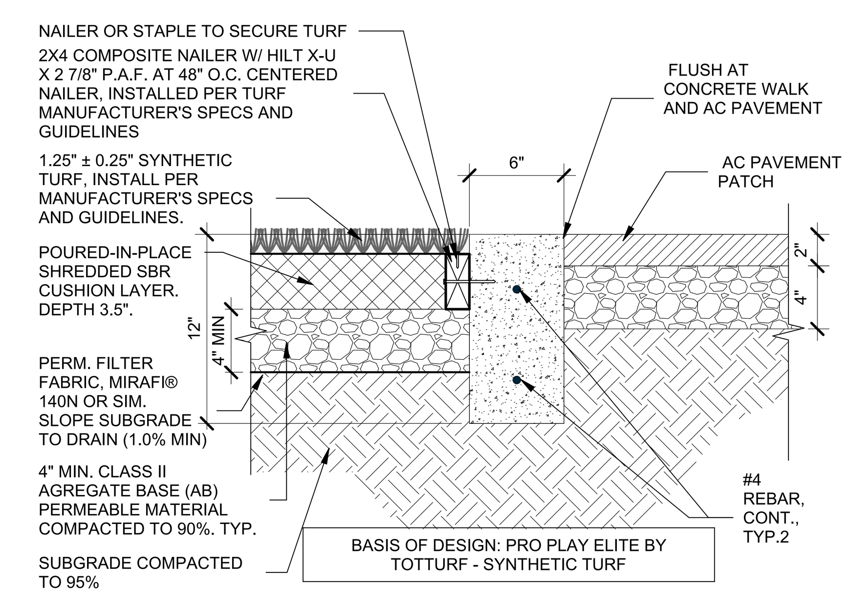
NOTES:
1. #12 AWG LOCATOR WIRE REQUIRED ON ALL WATER MAINS & SERVICES, TAPED TO TOP OF PIPE.
2. NO ROCKS OR OLD PAVEMENT MAY BE DEPOSITED WITH BACKFILL.
3. COLD MIX SHALL BE A MINIMUM THICKNESS OF 2 INCHES.

*NOTE: UTILITY TRENCH BACKFILLL EXEMPT FROM SPECIAL INSPECTION OR TESTING.

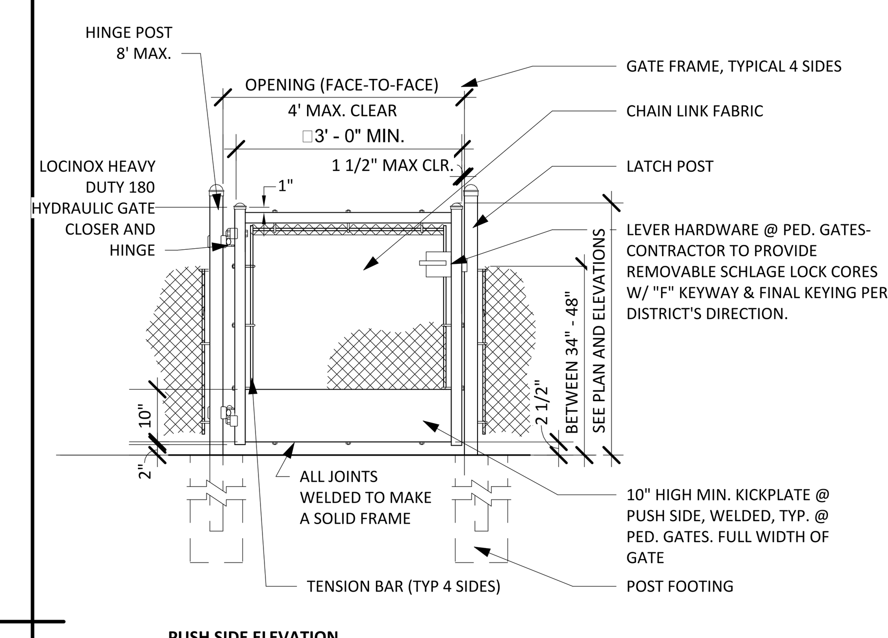
PIPE TRENCHING | 1/2" = 1'-0" | 7



CLEANOUT | 12" = 1'-0" | 8



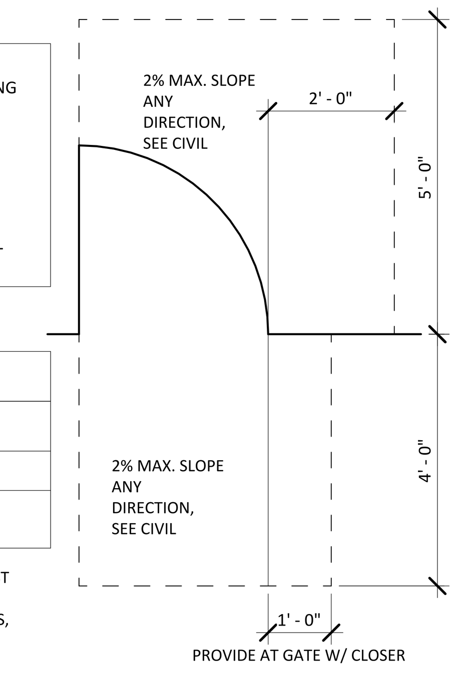
CURB DETAIL @ AC PAVEMENT | 1 1/2" = 1'-0" | 9



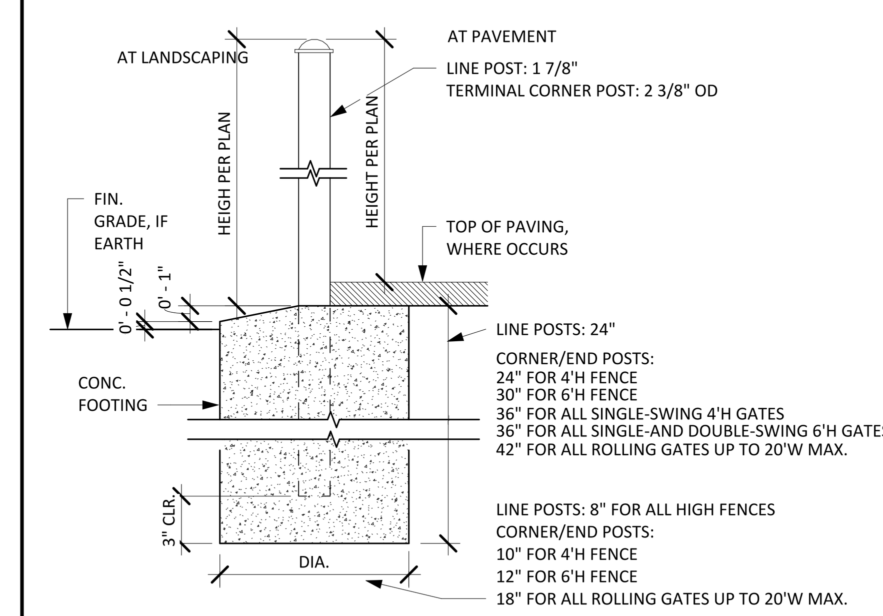
NOTE:
- NOTE THAT ANY CAVITIES CREATED BY ADDING THE KICK PLATE NEED TO BE CAPPED PER 11B-404.2.10.
- ALL GATES AND FENCES TO BE HOT DIPPED GALVENIZED.
- ALL FENCE COMPONENTS TO BE BLACK VINYL COATED

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

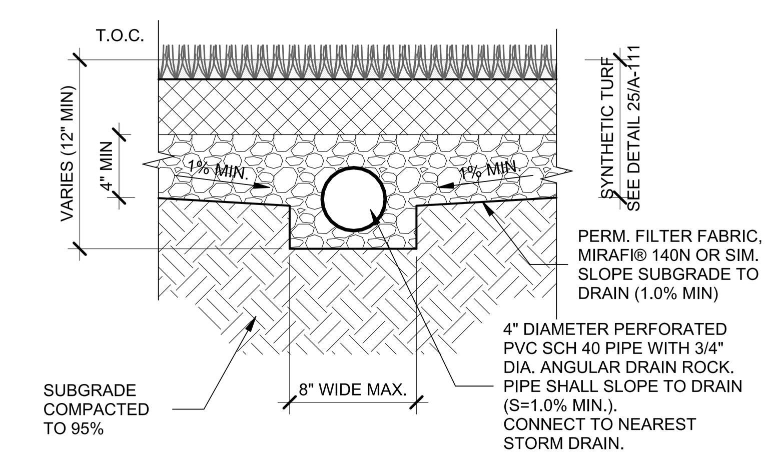
GENERAL NOTE:GATES IN PATH OF TRAVEL MUST COMPLY WITH EXIT DOOR REQUIREMENTS (SECTION 11B-404). PROVIDE LEVER, KICKPLATES, 5lbs PRESSURE TO OPERATE AND STRIKE SIDE CLEARANCE.



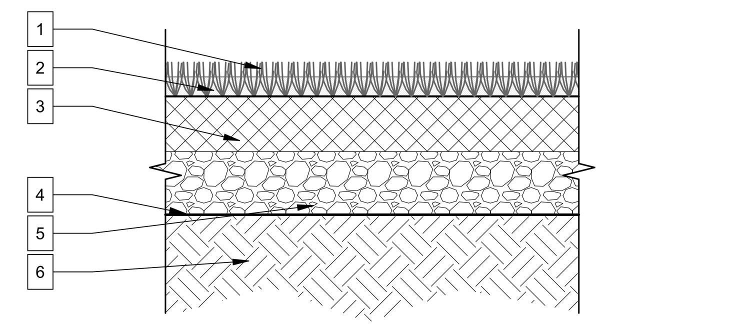
CHAINLINK FENCE- TYPICAL SWING GATE | 1/2" = 1'-0" | 2



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



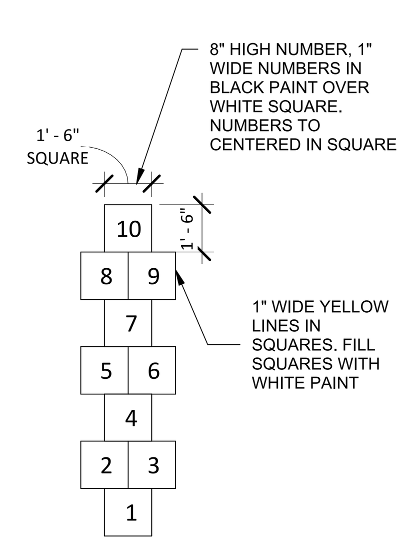
PERF. PIPE AT PLAY BOX | 1 1/2" = 1'-0" | 4



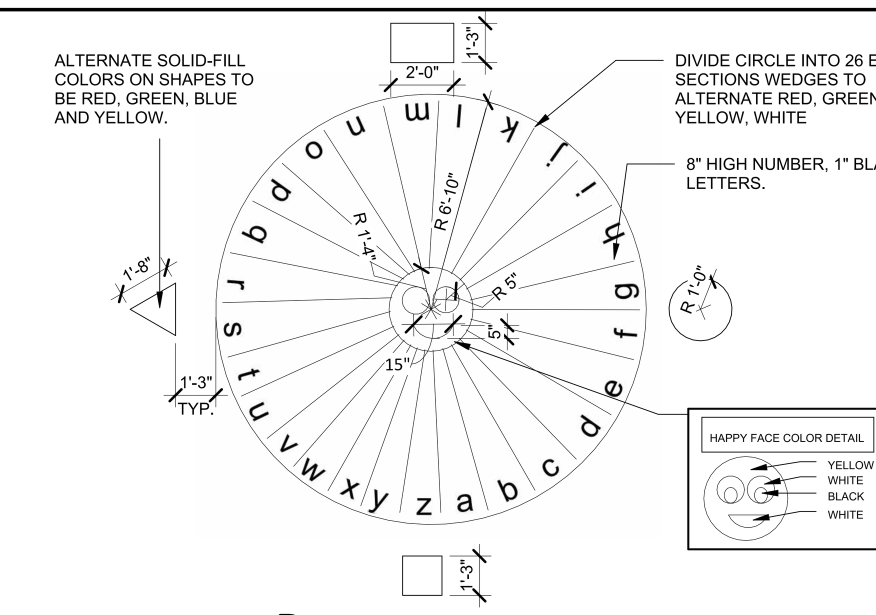
1	1.25" ± 0.25" SYNTHETIC TURF, INSTALL PER MANUFACTURER'S SPECS AND GUIDELINES.
2	0.5" ± 0.75" SYTHETIC INFILL.
3	POURED-IN-PLACE SHREDDED SBR CUSHION LAYER. DEPTH 3.5".
4	PERMEABLE FILTER FABRIC, MIRAFI® 140N OR SIMILAR.
5	4" MIN. CLASS II AGREGATE BASE (AB) PERMEABLE MATERIAL COMPACTED TO 90%. TYP.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

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

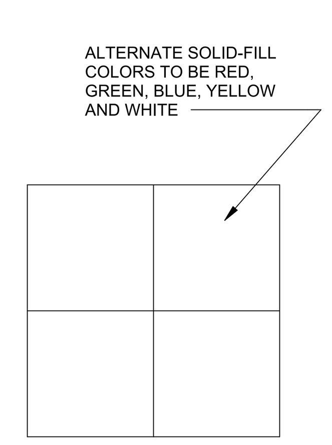
SYNTHETIC TURF W/ FALL ATTENUATION | N.T.S. | 25



A HOPSCOTCH

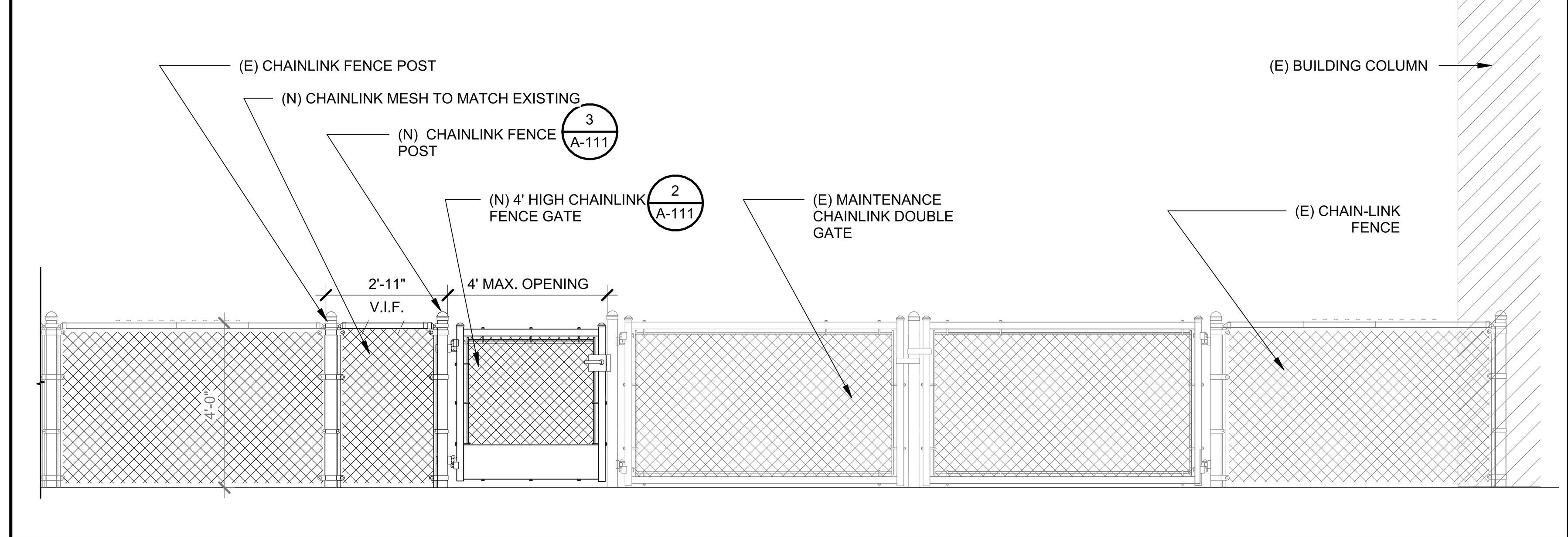


B GAME CIRCLE



C FOUR SQUARE

GAME COURT | 1/4" = 1'-0" | 15



FENCE AND GATE ELEVATION | 3/8" = 1'-0" | 5

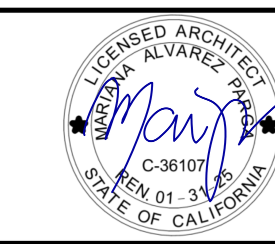
AGENCY APPROVAL DSA#

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

CONSULTANTS

NONE

PROFESSIONAL STAMP



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

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2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT K.I. JONES ES
2001 Winston Dr.
Fairfield, CA 94534

SHEET TITLE

SITE DETAILS

DRAWN BY: XX JOB NUMBER: 22162.01

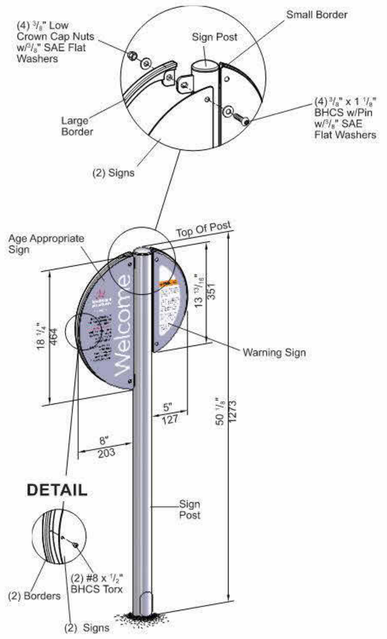
SHEET NO.

A-111

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 3:03:30 PM
FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Ki Jones_A22_dvargasTH8BX.rvt



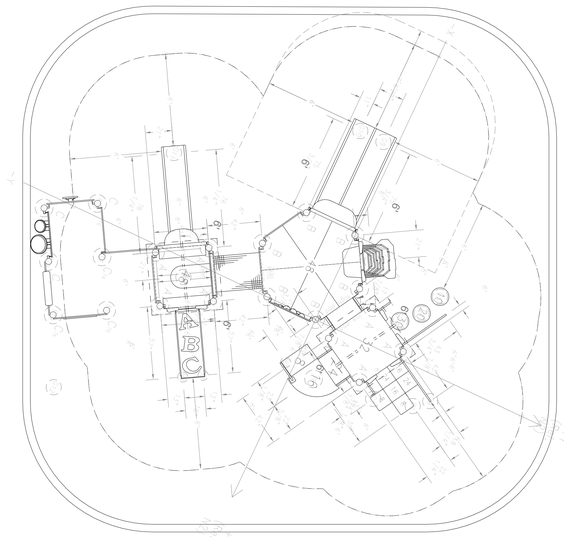
WELCOME SIGN | N.T.S. | 22

QTY. POST/ARCH LENGTHS

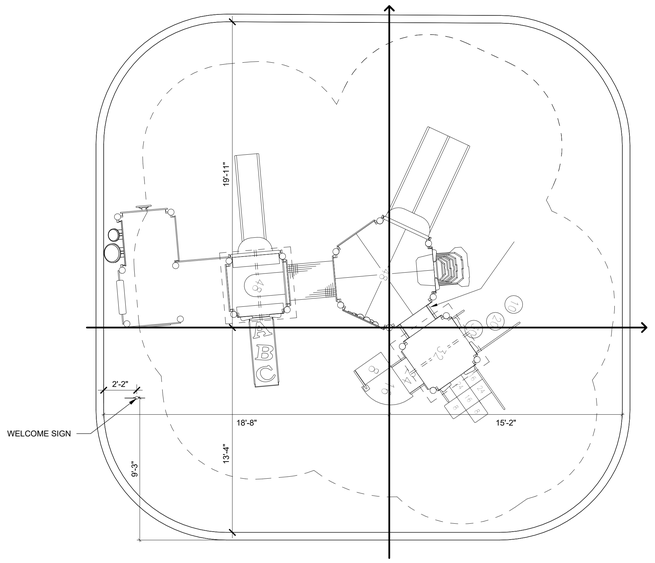
8 A 158" Alum Roof Post DB
6 B 124" Alum Post DB
6 C 76" Alum Post DB

PlayBooster®
(2-5 years)

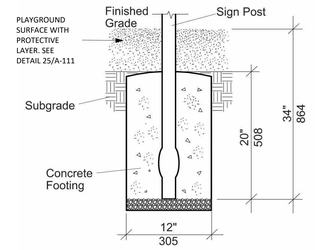
		X (ft–in)	Y (ft–in)	Diameter	DA (in)
1	R.F.	89'–5 1/2"	–22'–10"	92'–4"	Ref. N2
2	F1	0"	0"	0"	14
3	F2	9"	1'–3 1/2"	1'–6"	14
4	F3	0"	–3'–6"	3'–6"	14
5	F4	–3'–0 1/2"	1'–9"	3'–6"	14
6	F5	–2'–3 1/2"	3'–0 1/2"	3'–9 1/2"	14
7	F6	3'–6 1/2"	1'–6 1/2"	3'–10 1/2"	14
8	F7	3'–6"	1'–4"	0"	14
9	F8	–3'–0 1/2"	–5'–3"	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'–11"	5'–3"	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'–8 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"	3"	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
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



FOOTING SCHEDULE - PLAY EQUIPEMENT | 1/4" = 1'-0" | 17



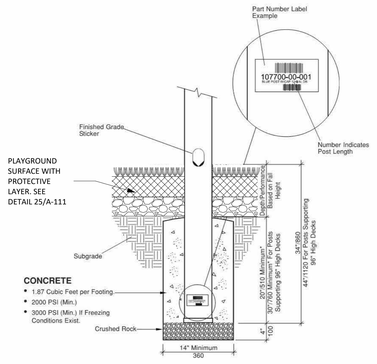
HORIZONTAL CONTROL - PLAY EQUIPMENT | 1/4" = 1'-0" | 2



WELCOME SIGN - POST FOOTING DETAIL | N.T.S. | 23



3D DRAWING PLAYGROUND 1 | N.T.S. | 20



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.

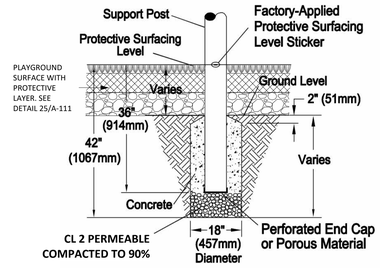
Aluminum Posts: All aluminum PlayBooster posts are manufactured from 6005-T5 extruded tubing conforming to ASTM B-221. Posts shall have a 5" outside diameter with a .125" wall thickness.

CONCRETE FOOTINGS DETAIL | N.T.S. | 14

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

PLAYGROUND SCHEDULE | N.T.S. | 4



SUPPORT 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

NONE

PROFESSIONAL STAMP

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

REVISIONS

NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE

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2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT K.I. JONES ES

2001 Winston Dr.
Fairfield, CA 94534

SHEET TITLE

PLAYGROUND DETAILS

DRAWN BY: XX JOB NUMBER: 22162.01

SHEET NO.

A-121

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 3:03:33 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_Multi-site New Playground Installation_KI Jones_A22_dvargasTH8BX.rvt

FAIFIELD-SUISUN UNIFIED SCHOOL DISTRICT
PLAYGROUND REPLACEMENT AT PUBLIC SAFETY ACADEMY
AMY BLANC 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 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 / 1A A-101 1A / 1A — INTERIOR ELEVATION; VIEW REFERENCE / SHEET REFERENCE
- 99 / A1-100 — EXTERIOR ELEVATION

ABBREVIATIONS

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

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

THE PROPOSED PROJECT CONSISTS OF THE REPLACEMENT OF ONE PLAYGROUND STRUCTURE.

SCOPE OF WORK INCLUDES BUT IS NOT LIMITED TO :

- DEMOLITION OF EXISTING PLAY BOX CONCRETE CURB (OR PART OF IT AS SHOWN), SURFACE MATTING AND FILL, PLAY STRUCTURE INCLUDING ALL COMPONENTS AND FOUNDATION. ALL ITEMS TO BE DISPOSED OFF-SITE BY CONTRACTOR AND FOLLOWING LOCAL REGULATIONS FOR SAFE DISPOSAL.
- INSTALLATION OF NEW FLUSH CONCRETE CURB, DRAINAGE TO CLOSEST DRAIN INLET, AND SUBSTRATE FOR NEW PLAY SURFACE.
- INSTALLATION OF OWNER-FURNISHED PLAY EQUIPMENT. CONTRACTOR TO RECEIVE, UNLOAD, AND STORE EQUIPMENT ON SITE UNTIL TIME OF INSTALLATION.
- RESTORE ALL DISTURBED SURFACES.

ACCESSIBILITY UPGRADES:
- GATE HARDWARE UPGRADES TO ACCESS AREA OF WORK

NOTE: ADA IMPROVEMENTS WILL BE LIMITED UP 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

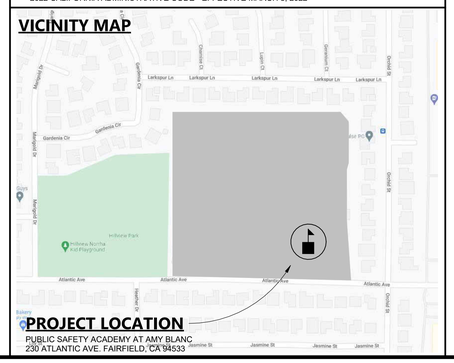
PARTIAL LIST OF APPLICABLE STANDARDS

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
PUBLIC SAFETY ACADEMY AT AMY BLANC
230 ATLANTIC AVE. FAIRFIELD, CA 94533

SHEET INDEX

SHEET #	SHEET NAME	REV #	DATE
1. OVERALL GENERAL INFORMATION			
G-001	TITLE SHEET		
GENERAL SHEETS TOTAL: 1			
4. ARCHITECTURAL DRAWINGS			
A-101	SITE PLAN & ACCESSIBILITY PLAN		
A-102	ENLARGED DEMO & GRADING PLANS		
A-111	SITE DETAILS		
A-112	STRIPING PLAN AND DETAILS		
A-121	PLAYGROUND DETAILS		
ARCHITECTURAL SHEETS TOTAL: 5			
OVERALL SHEET TOTAL: 6			

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 — DATE: 02/09/2023

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

MARIANA ALVAREZ PARGA
PRINT NAME

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

AGENCY APPROVAL DSA#

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

CONSULTANTS

NONE

PROFESSIONAL STAMP

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

REVISIONS

NO.	DATE	DESCRIPTION
1		

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
PSA AT AMY BLANC ELEMENTARY SCHOOL
230 Atlantic Ave.
Fairfield, CA 94533

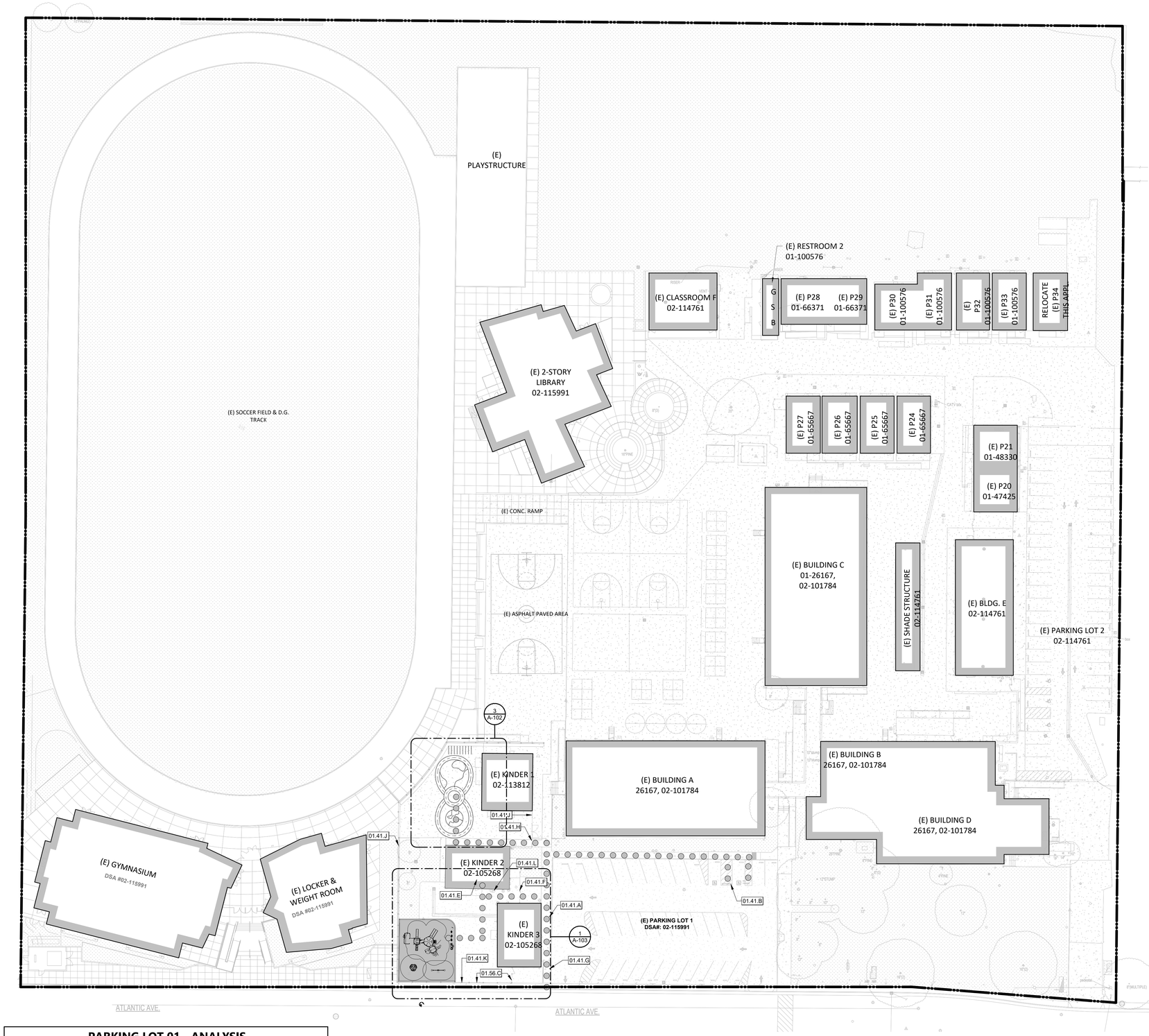
SHEET TITLE
TITLE SHEET

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.
G-001
DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 3:38:28 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_PSA_A22_dvargasTH8BX.rvt



PARKING LOT 01 - ANALYSIS

TOTAL NUMBER OF STALLS	NUMBER OF ACC. STALLS REQUIRED	NUMBER OF ACC. STALLS PROVIDED	NUMBER OF VAN ACC. STALLS REQUIRED	NUMBER OF VAN ACC. STALLS PROVIDED
38	2	2	1	1

PARKING LOT02 - ANALYSIS

TOTAL NUMBER OF STALLS	NUMBER OF ACC. STALLS REQUIRED	NUMBER OF ACC. STALLS PROVIDED	NUMBER OF VAN ACC. STALLS REQUIRED	NUMBER OF VAN ACC. STALLS PROVIDED
45	2	3	1	1

PROJECT NORTH

KEYNOTES

01.41.A	(E) ACCESSIBLE P.O.T FROM STREET TO ENTRY
01.41.B	(E) ACCESSIBLE PARKING STALLS AND CURB RAMP DSA #02-115991
01.41.E	(E) ACCESSIBLE STUDENT RESTROOM SERVING AREA OF WORK DSA #02-105268
01.41.F	(N) ACCESSIBLE GATE AT 6' HIGH ORNAMENTAL FENCE
01.41.G	(E) ACCESSIBLE ADA RAMP DSA #02-115991
01.41.H	(E) ACCESSIBLE GATE DSA #02-115991
01.41.J	(E) 6' HIGH ORNAMENTAL FENCE
01.41.K	(E) 6' HIGH CHAIN LINK FENCE
01.41.L	(E) DRINKING FOUNTAIN SERVING AREA OF WORK
01.56.C	NEW 6' HIGH PRIVACY CHAINLINK FENCE SLAT GREEN. B.O.D M-D BUILDING PRODUCTS.

SITE PLAN LEGEND

- PROPERTY LINE
- LIMITS OF WORK
- PROJECT AREA
- (E) SITE FEATURE TO BE REMOVED
- (E) BUILDING
- (E) ASPHALT CONCRETE PAVING
- (N) ASPHALT CONCRETE PAVING
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE

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. 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.

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

AGENCY APPROVAL DSA#

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

CONSULTANTS

NONE

PROFESSIONAL STAMP

LICENSED ARCHITECT MARIANA ALVAREZ THOMAS 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

PSA AT AMY BLANC ELEMENTARY SCHOOL

230 Atlantic Ave.
Fairfield, CA 94533

SHEET TITLE

SITE PLAN & ACCESSIBILITY PLAN

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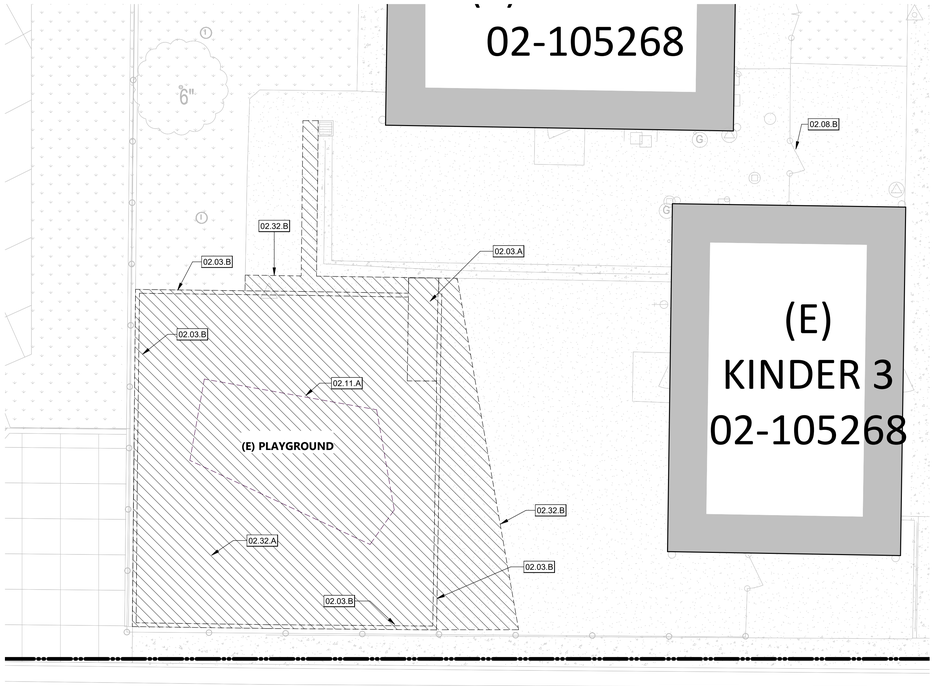
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DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

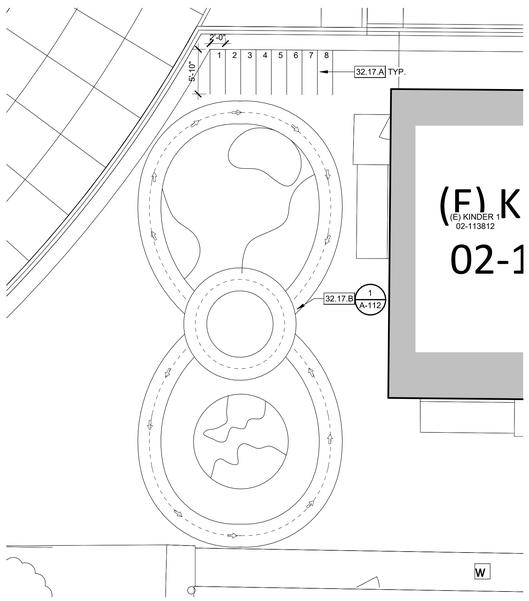
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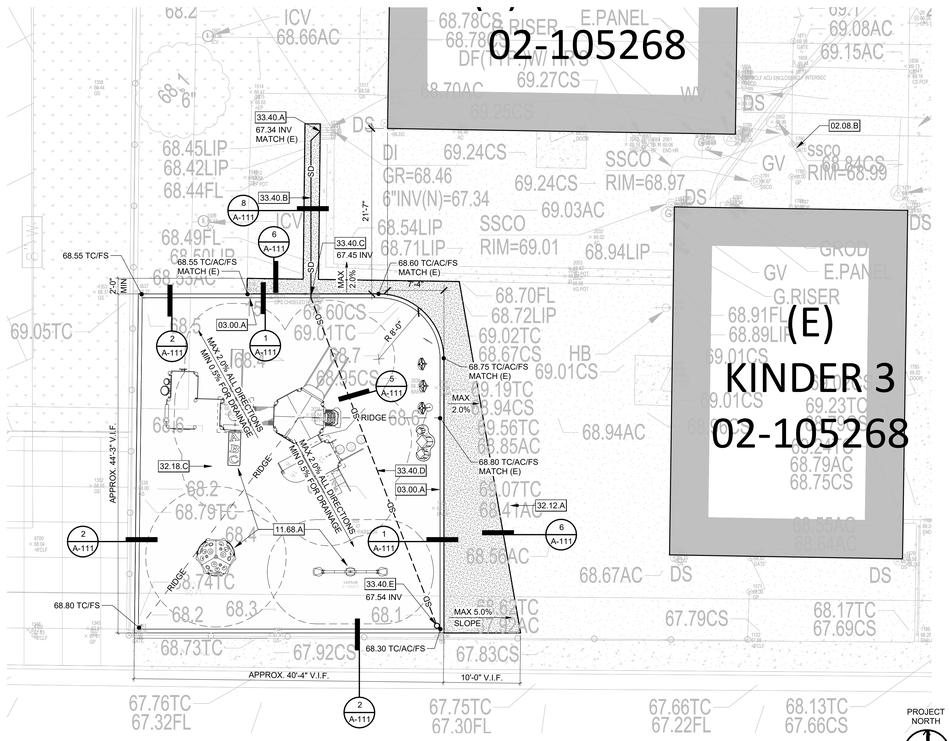


PROJECT NORTH

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



STRIPING PLAN | 1/8" = 1'-0" | 3



PROJECT NORTH

GRADING AND DRAINAGE PLAN | 1/8" = 1'-0" | 2

KEYNOTES

02.03.A	DEMOLISH EXISTING CONCRETE RAMP.
02.03.B	DEMOLISH THIS SECTION OF EXISTING CONCRETE CURB.
02.08.B	EXISTING GATE TO BE REPLACED, SEE DETAIL 3/A-111.
02.11.A	REMOVE EXISTING PLAYGROUND STRUCTURE, SUPPORTS, AND FOOTINGS COMPLETELY. FILL VOIDS WITH COMPACTED NATIVE SOILS.
02.32.A	EXISTING PLAYGROUND BARK TO BE REMOVED. REMOVE BARK AND SOIL TO A DEPTH OF 16" BELOW ADJACENT GRADE. SCARIFY AND COMPACT SUBGRADE TO RECIEVE NEW AGGREGATE BASE, CUSHION LAYER, AND PLAY MATTING. SEE SHEET A-111. BUILD-UP SUBGRADE AS REQUIRED PER DETAILS.
02.32.B	SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. PREPARE FOR ASPHALT PATCHBACK AND CONFORM TO ADJACENT GRADES.
03.00.A	(N) CONCRETE FLUSH CURB PER DETAIL 1&2/A-111.
11.68.A	(N) O.F.C.I. PLAY EQUIPMENT. INSTALL PER MANUFACTURER RECOMMENDATIONS. SEE SHEET A-121.
32.12.A	(N) ASPHALT PAVING PER DETAIL 6/A-111.
32.17.A	NEW 2" WIDE WHITE STRIPING AND 9" TALL NUMBERS.
32.17.B	NEW TRICYCLE PATH STRIPING.
32.18.C	(N) ARTIFICIAL TURF WITH SAFETY SURFACE TO MEET ASTM F1292 & F1951.
33.40.A	CONNECT (N) STORM DRAIN TO (E) DRAIN INLET VERIFY LOCATION AND DEPTH. GROUT BOX PENETRATION.
33.40.B	INSTALL APPROX 22 L.F. OF 4" SDR-35 PVC STORM PIPE, MIN 0.5% SLOPE, PER DETAIL 8/A-111.
33.40.C	PROVIDE 5" PIPE SLEEVE THRU (N) CURB AS NEEDED. BEND REBAR AROUND SLEEVE AND PROVIDE MINIMUM 6" CONCRETE COVERAGE TOP AND BOTTOM.
33.40.D	INSTALL APPROX 45 L.F. OF 4" PERF PVC STORM PIPE, MIN 0.2% SLOPE, PER DETAIL 5/A-111. ROUTE AROUND (N) PLAY EQUIPMENT FOOTINGS AS NEEDED.
33.40.E	INSTALL STORM CLEANOUT PER DETAIL 9/A-111 IN (N) CURB.

SITE PLAN LEGEND

- PROJECT AREA
- (E) BUILDING
- (E) SITE FEATURE TO BE REMOVED
- (E) ASPHALT CONCRETE PAVING
- (N) ASPHALT CONCRETE PAVING — 6 / A-111
- (N) ARTIFICAL TURF WITH SAFETY SURFACE — 10 / A-111

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#

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

CONSULTANTS

NONE

PROFESSIONAL STAMP

LICENSED ARCHITECT MARINA ALVAREZ-PEREZ C-36107 REN 01-31-25 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION
1		

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

PSA AT AMY BLANC ELEMENTARY SCHOOL

230 Atlantic Ave.
Fairfield, CA 94533

SHEET TITLE

ENLARGED DEMO & GRADING PLANS

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.

A-102

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 3:38:22 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_PSA_A22_dvargasTH8BX.rvt

GRADING AND PAVING SPECIFICATIONS:

A. **STANDARD SPECIFICATIONS:**

1. EXCEPT AS MODIFIED OR OTHERWISE SPECIFIED ON THE DRAWINGS OR HEREIN, CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM WITH THE ***STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), 2015 EDITION***, PUBLISHED BY BUILDING NEWS, INC.

B. GEOTECHNICAL ENGINEER:

1. A GEOTECHNICAL INVESTIGATION HAS NOT BEEN PERFORMED FOR THIS PROJECT.
2. A GEOTECHNICAL ENGINEER WILL BE ENGAGED BY THE SCHOOL DISTRICT TO PERFORM OBSERVATION, TESTING, AND/OR REPORTING DURING CONSTRUCTION SHOULD THE I.O.R. DEEM IT NECESSARY.

C. LICENSED LAND SURVEYOR:

1. A LICENSED SURVEYOR, HIRED BY THE CONTRACTOR, SHALL LAY OUT THE WORK, SET GRADE STAKES, CHECK FORMS, AND CHECK SURFACE OF PAVEMENT BASE COURSES AS NECESSARY.

D. **EARTHWORK QUANTITIES:**

1. CONTRACTOR SHALL PERFORM AN INDEPENDENT EARTHWORK QUANTITY ANALYSIS ON WHICH TO BASE HIS BID. CONTRACTOR SHALL NOT BE RELIEVED OF LIABILITY UNDER THE CONTRACT FOR ANY LOSS HE MAY SUSTAIN AS A RESULT OF ANY VARIANCE BETWEEN HIS EARTHWORK ESTIMATES AND THE ACTUAL EARTHWORK QUANTITIES REQUIRED TO ACCOMPLISH GRADING AS SPECIFIED HEREIN AND AS NECESSARY FOR CONSTRUCTION OF IMPROVEMENTS TO THE FINISH GRADES OR PAVEMENT SUBGRADES CALLED FOR ON THE DRAWINGS.

E. DUST CONTROL:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL OF DUST DURING THE ENTIRE CONSTRUCTION PERIOD AND FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM CONTRACTOR'S OPERATIONS.
2. EMPLOY LABOR, EQUIPMENT AND METHODS REQUIRED TO PREVENT CONSTRUCTION OPERATIONS FROM PRODUCING DUST DAMAGING TO PERSONS, PROPERTY, VEGETATION AND ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. CONTINUE DUST ABATEMENT MEASURES UNTIL AUTHORIZED BY THE OWNER'S REPRESENTATIVE TO DISCONTINUE THEM.
3. DURING TIMES OF EARTH DISTURBANCE OR MOVEMENT, MONITOR THE AMOUNT OF DUST RAISED BY THE ACTIVITY AND WATER THE AREAS BEING DISTURBED AS NEEDED TO PREVENT DUST FROM LEAVING THE PROJECT SITE.
4. ENSURE THAT TRUCKS TRANSPORTING MATERIAL FROM THE SITE ARE TARPED BEFORE LEAVING THE SITE WITH TARPS SUFFICIENTLY SECURE TO REMAIN TARPED TO THE POINT OF DISPOSAL.
5. COVER STOCKPILED SOIL MATERIALS AS REQUIRED TO PREVENT WIND-BLOWN DUST.

F. EROSION AND SEDIMENTATION CONTROL:

1. PROVIDE STORM WATER POLLUTION PREVENTION MATERIALS AND METHODS IN ACCORDANCE WITH THE CONSTRUCTION BMP ONLINE HANDBOOK, JANUARY 2015 EDITION, AVAILABLE ONLINE FROM THE CALIFORNIA STORMWATER QUALITY ASSOCIATION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL OF EROSION AND SEDIMENT TRANSPORT DURING THE ENTIRE CONSTRUCTION PERIOD AND FOR ANY DAMAGE CAUSED BY EROSION OR SEDIMENT TRANSPORT RESULTING FROM CONTRACTOR'S OPERATIONS.

G. CLEARING AND GRUBBING:

1. PRIOR TO COMMENCING GRADING OR TRENCHING OPERATIONS, CLEAR THE EXISTING GROUND SURFACE OF AREAS TO BE GRADED OR TRENCHED OF ALL VEGETATION (EXCEPT TREES INDICATED ON THE DRAWINGS TO REMAIN), WHETHER LIVING OR DEAD, INCLUDING ROOTS AND ROOT STRUCTURES, AS WELL AS ALL TRASH AND DEBRIS, UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER.
2. PRIOR TO COMMENCING GRADING OR TRENCHING OPERATIONS, EXCAVATE AND REMOVE FROM AREAS TO BE GRADED OR TRENCHED ALL EXISTING UNDOCUMENTED OR NON-COMPLYING FILL AND SOIL CONTAINING DEBRIS, ORGANICS, PAVEMENT AND OTHER UNSUITABLE MATERIAL, AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
3. IF, DURING THE REMOVAL AND SCARIFICATION PROCESS, EXCESSIVE ROOT STRUCTURES ARE ENCOUNTERED, THESE AREAS SHALL BE DEEP RIPPED IN TWO DIRECTIONS TO THE DEPTH OF THE ROOT STRUCTURE AFTER WHICH THE DISTURBED SOILS AND THE ROOTS SHALL BE COMPLETELY REMOVED AND THE RESULTING CAVITIES SHALL BE SCARIFIED AND PROCESSED TO RECEIVE FILL IN ACCORDANCE WITH RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

H. **GRADING:**

1. GRADING WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, THE FOLLOWING:
   - ALL EXCAVATION TO THE GRADES SHOWN ON OR INDICATED BY THE DRAWINGS AND AS SPECIFIED HEREIN.
   - ALL EARTH FILL TO THE GRADES SHOWN ON OR INDICATED BY THE DRAWINGS AND AS SPECIFIED HEREIN.
   - ALL IMPORT AND EXPORT OF EARTH MATERIAL AS REQUIRED TO ACCOMPLISH THE FINISH GRADES AND PAVEMENT SUBGRADES SHOWN ON OR INDICATED BY THE DRAWINGS AND AS SPECIFIED HEREIN.
   - ALL CONDITIONING, PLACEMENT, COMPACTION AND RECOMPACTION OF EARTHWORK.
2. ON-SITE SOILS FREE OF OVERSIZE ROCKS AND IRREDUCIBLE MATERIAL (OVER 3 INCHES IN LARGEST DIMENSION), TRASH AND DEBRIS, ORGANICS AND DELETERIOUS MATERIALS MAY BE USED AS FILL, SUBJECT TO PRIOR REVIEW AND APPROVAL BY THE GEOTECHNICAL ENGINEER. IF IMPORTED SOIL IS NECESSARY, THE MATERIAL SHALL BE GRANULAR AND NON-EXPANSIVE, EQUAL OR SUPERIOR IN QUALITY TO THE ON-SITE SOILS, AS DETERMINED BY THE GEOTECHNICAL ENGINEER PRIOR TO IMPORTATION OF THE FILL MATERIAL TO THE SITE.
3. BEFORE PLACING ANY FILL MATERIAL, REQUEST REVIEW OF THE EXPOSED IN-PLACE SOILS BY, AND PREPARE THESE SOILS TO RECEIVE FILL AS RECOMMENDED BY, THE GEOTECHNICAL ENGINEER, INCLUDING:
   - CORRECTING ANY SOFT, OVERWET OR PUMPING AREAS, AS RECOMMENDED
   - OVEREXCAVATING OR SCARIFYING, MOISTURE CONDITIONING, AND RECOMPACTING AS RECOMMENDED AND AT LEAST THE UPPER 9 INCHES TO AT LEAST 90% OF MAXIMUM DENSITY.
4. PLACE FILL MATERIAL IN LAYERS THAT CAN BE COMPACTED WITH THE EQUIPMENT BEING USED AND AS REQUIRED BY THE GEOTECHNICAL ENGINEER BUT NOT MORE THAN 6 INCHES IN LOOSE THICKNESS. AFTER EACH LAYER HAS BEEN CONDITIONED AND PLACED, COMPACT THE MATERIAL TO THE FOLLOWING DENSITIES:
   - STRUCTURAL FILL NOT OTHERWISE SPECIFIED: MINIMUM 90% OF MAXIMUM DENSITY
   - UPPER 12" OF AREAS TO RECEIVE LANDSCAPING BUT NO OTHER SURFACE IMPROVEMENTS: 85% OF MAXIMUM DENSITY
   - BASE COURSE AND UPPER 12" OF SUBGRADE SOIL BENEATH BASE COURSE IN PAVEMENT AND WALKWAY AREAS: MINIMUM 95% OF MAXIMUM DENSITY

I. **CONCRETE:**

1. BASE MATERIAL
   - SAND BASE MATERIAL SHALL BE IMPORTED CLEAN SAND OF SUCH GRADATION THAT 90% TO 100% PASSES THROUGH A NO. 4 SIEVE, LESS THAN 5% PASSES THROUGH A NO. 200 SIEVE, AND THE SAND EQUIVALENT VALUE IS GREATER THAN OR EQUAL TO 40. FOR PROCESSED SAND, A MAXIMUM OF 15% SHALL PASS THROUGH A NO. 200 SIEVE.
   - AGGREGATE BASE MATERIAL SHALL BE CRUSHED AGGREGATE BASE CONFORMING TO SECTION 200-2.2 OF THE STANDARD SPECIFICATIONS (SSPWC).
2. FORM MATERIALS
   - GENERAL: SHALL CONFORM TO CALIFORNIA BUILDING CODE, SECTION 1906, FORMWORK, EMBEDDED PIPES AND CONSTRUCTION JOINTS.
   - PLYWOOD FORMS: DOUGLAS FIR SPECIES; SOLID-ONE-SIDE, SOUND UNDAMAGED SHEETS. UNLESS OTHERWISE CALLED FOR ON PLANS, SURFACE OF FORM SIDE AGAINST CONCRETE SHALL PROVIDE A MEDIUM DENSITY TEXTURE.
   - LUMBER: DOUGLAS FIR SPECIES; CONSTRUCTION GRADE WITH GRADE STAMP CLEARLY VISIBLE.
   - STEEL FORMS: MINIMUM 16 GAGE THICK, STIFFENED TO SUPPORT WEIGHT OF CONCRETE WITH MINIMUM DEFLECTION.
   - FORM TIES: REMOVABLE METAL OF ADJUSTABLE LENGTH, CONE ENDS.
3. REINFORCING STEEL
   - ALL REINFORCING SHALL BE FABRICATED FROM STEEL MANUFACTURED IN THE UNITED STATES.
   - REINFORCING STEEL SHALL BE DEFORMED BILLET-STEEL FOR CONCRETE REINFORCEMENT CONFORMING TO ASTM A-615, GRADE 60 FOR BAR SIZES NO. 4 AND LARGER, GRADE 40 FOR BAR SIZE NO. 3, GRADE 60 ACCEPTABLE FOR ALL SIZES.
   - WELDED BARS SHALL CONFORM TO THE MOST RECENT ISSUE OF ASTM STANDARD A-706, GRADE 60 FOR ALL BAR SIZES.
4. CONCRETE MATERIALS
   - CEMENT: SHALL BE TYPE II, LOW ALKALI (NO HIGHER THAN 0.4%), CONFORMING TO ASTM C-150.
   - AGGREGATES (COARSE AND FINE): ALL AGGREGATE USED IN CONCRETE SHALL CONFORM TO ASTM C-33. AGGREGATE SHALL BE UNIFORMLY GRADED, WITH THE MAXIMUM AGGREGATE SIZE BEING 3/4" TO 1", AND THE RATIO OF COARSE AGGREGATE TO FINE AGGREGATE BEING APPROXIMATELY 60% TO 40% (BY WEIGHT), RESPECTIVELY.
   - COARSE AND FINE AGGREGATE (SAND) ARE TO COME FROM A SOURCE PROVEN TO HAVE NON-REACTIVE CHARACTERISTICS. COARSE AGGREGATE WHICH IS HEAVY MEDIA PROCESSED (SATICOY, SISQUOC), SANTA MARGARITA ROCK, OR SAN GABRIEL ROCK WILL BE CONSIDERED AS MEETING THE CRITERIA OF NON-REACTIVITY. MOORPARK SAND (QUALITY, BEST, BLUE STAR) WILL BE CONSIDERED AS MEETING THE REQUIREMENTS OF NON-REACTIVITY. OTHER AGGREGATES MEETING OR EXCEEDING THE AGGREGATE REACTIVITY CHARACTERISTICS OF THE AGGREGATES LISTED ABOVE ARE ACCEPTABLE UPON SUBMITTAL OF ADEQUATE DOCUMENTATION (ASTM C-289 AND ASTM C-277 TEST RESULTS THAT ARE NOT MORE THAN 2 YEARS OLD).
   - WATER: SHALL BE CLEAN, SUITABLE FOR HUMAN CONSUMPTION, AND NOT DETRIMENTAL TO CONCRETE.
5. CURING COMPOUND
   - SHALL BE WATER-BASE LIQUID MEMBRANE-FORMING COMPOUND CONFORMING TO ASTM C309, 1100-CLEAR SERIES MANUFACTURED BY W.R. MEADOWS, INC., OR EQUIVALENT, FOR USE ON EXTERIOR FLATWORK ONLY.
   - LIQUID MEMBRANE-FORMING COMPOUND SHALL BE APPLIED AT THE RATE OF 1 GALLON PER 200 SQUARE FEET, IN 2 COATS, THE SECOND COAT APPLIED AT RIGHT ANGLES TO THE FIRST.
6. BONDING AGENT
   - SHALL BE POLYVINYL ACETATE HIBOND MANUFACTURED BY LAMBERT CORPORATION, ORLANDO, FL. LOCK BOND NO. 906 MANUFACTURED BY MACKLANBURG-DUNCAN CO., CITY OF INDUSTRY, CA, OR EQUIVALENT.
7. CONCRETE MIX
   - MIX AND DELIVER CONCRETE IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, SECTION 1905A.
   - HAVE MIX DESIGNED AND CERTIFIED BY A REGISTERED CIVIL ENGINEER, LICENSED IN CALIFORNIA.
   - SELECT PROPORTIONS FOR CONCRETE IN ACCORDANCE WITH THE APPROVED DESIGN MIX.
   - PROVIDE CONCRETE CONFORMING TO THE FOLLOWING CRITERIA:

ELEMENT	STRENGTH MIN. 28 DAYS	MIN. CEMENT CONTENT	MAX. AGG. SIZE	MAX SLUMP	WAT/CEM RATION	ADMIXTURES
CURBS, GUTTERS, RAMPS, WALKS & FLATWORK	3,000 PSI	5.5 SACK/C.Y.	3/4-INCH	4 INCHES	0.59	SEE BELOW

   - INCLUDE THE FOLLOWING ADMIXTURES:
     - 2% MAX. AIR ENTRAINMENT
     - 15% FLY ASH, CLASS N OR F ONLY
     - WATER REDUCING ADMIXTURE: GRACE WRDA 64, OR APPROVED EQUAL
   - THE USE OF A PEA GRAVEL MIX (ROUNDED 3/8" AGGREGATE) CONCRETE MIX IS EXPRESSLY PROHIBITED.
8. EXPANSION JOINT
   - FILLER MATERIAL SHALL BE PREFORMED BITUMINOUS TYPE CONFORMING TO ASTM STANDARD D-1751.
   - DOWEL TUBING SHALL BE PLASTIC SPEED DOWEL SUPPLIED WITH SACRIFICIAL PLATE FOR ATTACHING TO FORM, AS SUPPLIED BY AZTEC CONCRETE ACCESSORIES, OR APPROVED EQUAL.
9. REMOVABLE JOINT CAP
   - HIGH IMPACT POLYSTYRENE, DEPTH EQUAL TO WIDTH OF EXPANSION JOINT FILLER, SUPPLIED IN 10-FOOT LENGTHS, AS MANUFACTURED BY CONCRETE TIE, OR EQUIVALENT.
   - WHERE POLYURETHANE SEALANT PRIMERS ARE USED, A BONDBREAKER TAPE SHALL BE APPLIED PRIOR TO CAULKING.
10. JOINT SEALANT
    - FOR CRACK-CONTROL AND EXPANSION JOINTS SHALL BE CHEMICAL-CURE, TWO COMPONENT, POLYURETHANE-BASE, NON-SAG ELASTOMERIC SIKAFLEX-2CNS MANUFACTURED BY SIKA CORPORATION, LYNDHURST, NJ, OR APPROVED EQUIVALENT. COLOR: LIMESTONE GREY.
11. EPOXY, FLATWORK DOWELS
    - EPOXY USED FOR GROUTING REBAR DOWELS TO MAINTAIN JOINT INTEGRITY BETWEEN SITE FLATWORK COMPONENTS (CURBS, GUTTERS, WALKWAYS, RAMPS) SHALL BE SIMPSON SET-XP ADHESIVE, ICC NO. ESR-2508, OR EQUIVALENT. PULL TESTS ARE NOT REQUIRED.

J. **ASPHALT CONCRETE PAVING:**

1. AGGREGATE BASE MATERIAL SHALL BE CRUSHED AGGREGATE BASE CONFORMING TO SECTION 200-2.5 OF THE STANDARD SPECIFICATIONS (SSPWC).
2. ASPHALT CONCRETE SHALL BE THE PRODUCT OF MIXING MINERAL AGGREGATE AND A MAXIMUM OF 15 PERCENT RECLAIMED ASPHALT PAVEMENT (RAP) WITH PAVING ASPHALT, IN CONFORMANCE WITH SECTION 203-6 OF THE STANDARD SPECIFICATIONS (SSPWC).
3. PAVING ASPHALT SHALL BE PERFORMANCE GRADE PG 64-10, IN CONFORMANCE WITH SECTION 203-1 OF THE STANDARD SPECIFICATIONS (SSPWC).
4. ASPHALT CONCRETE DESIGNATED BY CLASS AND GRADE FOR VARIOUS APPLICATIONS SHALL BE AS FOLLOWS:
   - BASE COURSE, DENSE-GRADED: B (3/4") - PG 64-10-RAP
   - FINISH COURSE (PARKING), DENSE-GRADED: C2 (1/2") - PG 64-10-RAP
   - ASPHALT CONCRETE CURB: D2 (3/8") - PG 70-10-RAP
5. PAINT BINDER FOR TACK COAT SHALL BE SS-1H EMULSIFIED ASPHALT CONFORMING TO SECTION 203-3 OF THE STANDARD SPECIFICATIONS (SSPWC). APPLY A PAINT BINDER OF ASPHALTIC EMULSION AT THE RATE OF 0.15 GALLONS PER SQUARE YARD OF SURFACE TO EXISTING VERTICAL SURFACES AGAINST WHICH PAVING WILL BE PLACED AND BETWEEN PAVEMENT COURSES CONSTRUCTED MORE THAN 24 HOURS APART.
6. MATERIALS FOR SEALCOAT SHALL CONFORM TO SECTION 203-9 OF THE STANDARD SPECIFICATIONS (SSPWC).
   - GUARD TOP ASPHALT BASED SEALANT OR APPROVED EQUAL
7. BEFORE ORDERING DELIVERY OF A.C. PAVEMENT, CONFIRM BY SURVEY THAT THE FINISH SURFACE OF THE BASE COURSE FOR PAVEMENTS AND FOR PAVEMENT-RELATED STRUCTURES SHALL NOT VARY MORE THAN 1/2 INCH (0.04 FOOT) FROM THE DESIGN ELEVATION, SLOPE AND CROSS-SECTION, ESTABLISHED WITH DUE ALLOWANCE FOR THICKNESS OF SURFACING. VARIATIONS WITHIN THE SPECIFIED TOLERANCE SHALL BE COMPENSATING SUCH THAT THE AVERAGE ELEVATION, SLOPE, AND CROSS-SECTION CONFORM TO THOSE SPECIFIED PER PLAN.
8. AFTER CONSTRUCTION OF A.C. PAVEMENT AND APPURTENANT CONCRETE FEATURES BUT BEFORE SEAL COATING AND PAINTING STRIPING AND MARKINGS, CONDUCT A FLOOD TEST TO REVIEW SURFACE DRAINAGE. AS FOLLOWS:
   - SUPPLY AND DISCHARGE WATER IN SUFFICIENT QUANTITY TO COMPLETELY WET AND COVER ALL A.C. PAVEMENT AND CONCRETE GUTTER AREAS AND ALLOW TO DRAIN/DRY FOR ONE HOUR AT 70° F OR WARMER. MARK THE OUTLINE LIMITS OF RESIDUAL STANDING WATER DEEP ENOUGH TO COVER A 5 CENT PIECE, OR DEEPER.
   - REMOVE AND REPLACE A.C. PAVEMENT AND CONCRETE GUTTER IMPROVEMENTS AT NO ADDITIONAL COST TO THE OWNER, AS NECESSARY TO PROVIDE POSITIVE SURFACE DRAINAGE AND TO PREVENT PONDING OF WATER ON PAVEMENT SURFACES AND IN GUTTERS. SUBSTITUTION OF ASPHALT CONCRETE SKIN PATCH IN LIEU OF REMOVAL AND REPLACEMENT OF PAVEMENT SHALL BE AT SOLE DISCRETION OF THE OWNER.
   - CONDUCT ADDITIONAL FLOOD TESTING TO CONFIRM SUCCESS OF CORRECTIVE MEASURES.

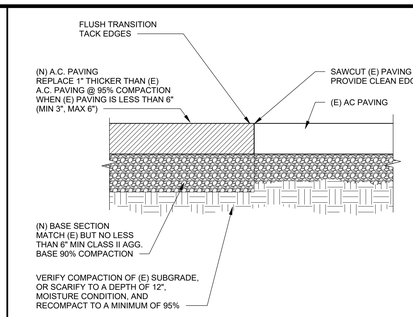
K. **SUBMITTALS:**

1. PROVIDE SUBMITTALS DEMONSTRATING CONFORMANCE OF MATERIALS PROPOSED FOR USE IN THE PROJECT WITH REQUIREMENTS SPECIFIED HEREIN OR ON THE PLAN, AS FOLLOWS:
   - AGGREGATE BASE
   - A.C. PAVEMENT MIX
   - CONCRETE MIX
   - REBAR
   - SITE UTILITIES

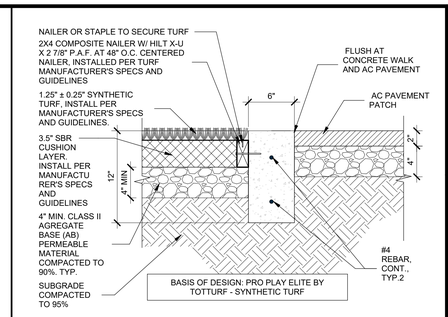
GENERAL CONSTRUCTION NOTES

1. ALL REFERENCED SPECIFICATIONS, CODES, DRAWINGS AND DETAILS SHALL BE INCORPORATED INTO THESE PLANS AND MADE A PART HEREOF AS IF SPELLED OUT OR DELINEATED IN THEIR ENTIRETY HEREON.
2. ALL MATERIALS AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK), 2006 EDITION (PUBLISHED BY BUILDING NEWS, INC., LOS ANGELES), AS MODIFIED BY THE LOCAL AUTHORITY HAVING JURISDICTION STANDARD DETAILS AND THE NOTES LOCATED ON THESE PLANS.
3. ALL MATERIALS AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE LOCAL PUBLIC WORKS DEPARTMENT CONSTRUCTIONS STANDARD DETAILS, LATEST EDITION.
4. GRADING OR OTHER CONSTRUCTION WORK OFFSITE IS NOT PERMITTED WITHOUT PRIOR WRITTEN PERMISSION OF THE AFFECTED OFFSITE PROPERTY OWNERS.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE PROJECT'S CONDITIONS OF APPROVAL AND ABIDE BY THEIR REQUIREMENTS AS APPLICABLE.
6. BEFORE BEGINNING WORK A PRE-CONSTRUCTION MEETING SHALL BE HELD. THE CONTRACTOR SHALL CONTACT THE LOCAL PUBLIC WORKS DEPARTMENT, THE UTILITY COMPANIES, THE GEOTECHNICAL ENGINEER, AND THE ARCHITECT AND SHALL DETERMINE FROM EACH: (1) SCOPE OF WORK TO BE OBSERVED AND BY WHOM, (2) SCOPE OF TESTING, AND (3) ADVANCE NOTICE REQUIRED (MINIMUM OF 48 HOURS). DURING THE COURSE OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR OBSERVATION AND TESTING AS STIPULATED PURSUANT TO ABOVE DETERMINATIONS. WORK NOT OBSERVED AND TESTED WILL BE SUBJECT TO REJECTION.
7. BEFORE BEGINNING WORK, THE CONTRACTOR SHALL DETERMINE OR VERIFY THE LOCATION AND FLOW LINE ELEVATION OF ALL EXISTING WATER, SEWER, AND DRAINAGE STRUCTURES AND/OR CONDUITS TO BE JOINED BY NEW CONSTRUCTION. IF DIFFERENCES ARE OBSERVED THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER BY PHONE AND IN WRITING.
8. PROTECT EXISTING UTILITIES IN PLACE.
9. CONTRACTOR TO REPAIR ALL EXISTING LANDSCAPE AREAS IMPACTED BY PAVING ACTIVITIES. REPAIR TO INCLUDE RE-GRADING TO ENSURE PROPER DRAINAGE, SMOOTHING OF SURFACE, AND RE-SEEDING TO MATCH ADJACENT AREAS.

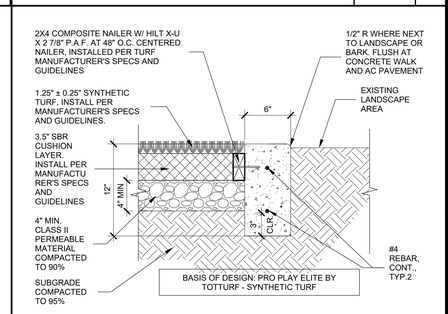
SITE SPECIFICATIONS 12" = 1'-0" **20**



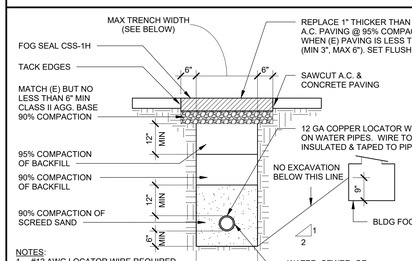
(E) A.C. REPLACEMENT 1 1/2" = 1'-0" **6**



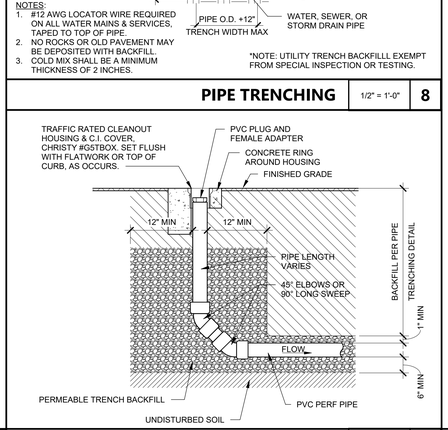
PLAYGROUND CURB @ AC PAVEMENT 1 1/2" = 1'-0" **1**



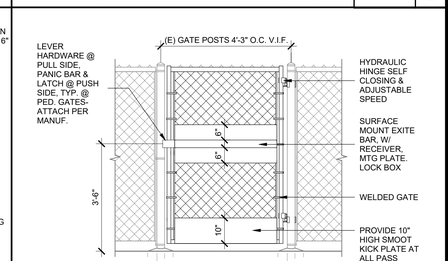
CURB DETAIL @ LANDSCAPING 1 1/2" = 1'-0" **2**



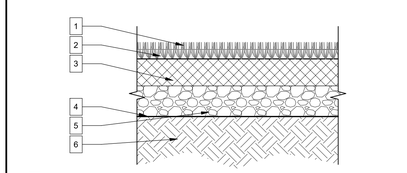
PIPE TRENCHING 1/2" = 1'-0" **8**



CLEANOUT 12" = 1'-0" **9**



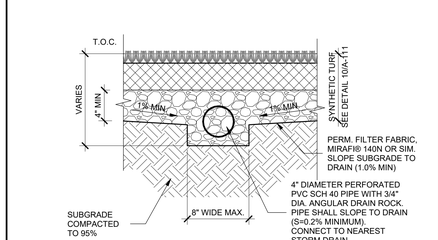
6' CHAIN LINK EXIT GATE 1/2" = 1'-0" **4**



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" **10**



PERF. PIPE AT PLAY BOX 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
NONE

PROFESSIONAL STAMP
LICENSED ARCHITECT MARINA ALVAREZ TORRES C-36102 REN 01-31-25 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION
1		

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
PSA AT AMY BLANC ELEMENTARY SCHOOL
230 Atlantic Ave.
Fairfield, CA 94533

SHEET TITLE
SITE DETAILS

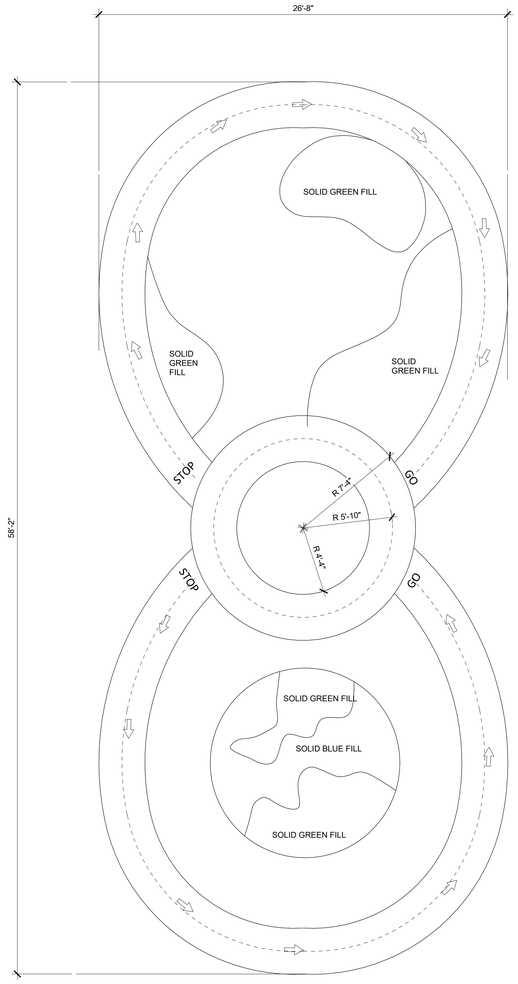
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SHEET NO.
A-111

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 3:38:24 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_Multi-site New Playground Installation_PSA_A22_dvargasTH8BX.rvt



A TRY-CYCLE PATH

NOTES:

1.Tricycle path to be 2" wide.
2. All other lines to be 1" wide.
3. All letters to be painted 12" high.
4. Infill arrows with white paint.
5. Kelly-Moore Traffic Marking paint 1472, or approved equal. Apply all paint in two coats at the manufacturer's recommended rate.
6. See additional details this page

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

AGENCY APPROVAL DSA#

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

CONSULTANTS

NONE

PROFESSIONAL STAMP

LICENSED ARCHITECT MARIA ALVAREZ-VARGAS 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

PSA AT AMY BLANC ELEMENTARY SCHOOL

230 Atlantic Ave.
Fairfield, CA 94533

SHEET TITLE

STRIPING PLAN AND DETAILS

DRAWN BY: DV JOB NUMBER: 22162

SHEET NO.

A-112

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 3:38:25 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_Multi-site New Playground Installation_PSA_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-Syrs 32"Db 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.
148881	Leg (DB), Specify Color	1
160199	Seat, Tan Black	2
146007	3/32" 6-Lobe T-45 Bit	1
146017	3/32" 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	5/16" x 1 1/2" BHCS w/Pin Limited Thread, SST	8
100351	5/16" T-Nut, SST	12
123224	5/16" x 1 1/2" BHCS w/Pin, SST	4
28296	5/16" 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	1
185471	1/16" O.D. Spacer, Aluminum	4
156370	Bolt Cover, Tan	4
149272	5/16" D-Cut Flat Washer, SST	8
181001	1.125" O.D. x 5 7/16" Long Polyurethane Rod	4
154164	Bushing	4
214491	Seesaw Extension Plate, Specify Color	2
260533	**2-Seat Seesaw Hardware Package**	1
100252	5/16" x 1" Flat Head Cap Screw, SST	8
100027	5/16" Standard Hex Nut, SST	8
100365	5/16" SAE Flat Washer, SST	8
156846	Play Safe Label, 2-12 Years	1
182213	Hot Surface Warning Label	1
182212	Entanglement Warning Label	1
178176	Hand Surface Warning Label	1
100201	BHCS 6LP 5/8 x 1 - 1/2, SST	2
88124	5/8 x .31 Hex Cap	4
100322	1/2" Standard Hex Nut, SST	4
151765	**Seesaw Leg Hardware Package (DB)**	1
100216	1/2" x 1 1/2" 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 3/4" 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

MUSICAL FLOWER

ITEM NO.	PART NUMBER	DESCRIPTION
1	FWR-Y-BOM	Pre-Assembly - Yellow Flower Instrument
2	POST-STL-IG-EXT-FP	In Ground Steel Post Extension (Powder-coated)
3	92240A624	3/8"-16 Hex Head Screw, 1"lg. SS
4	91845A031	3/8"-16 Hex Nut, SS

PLAYGROUND COMPONENTS SCHEDULE | N.T.S | 25

MAIN PLAY STRUCTURE



2 SEATS - SEESAW



CLIMBING DOME



MUSICAL FLOWER



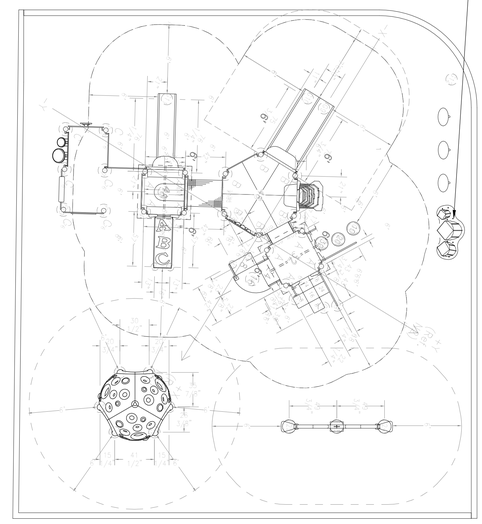
3D DRAWING PLAYGROUND EQUIPMENT | N.T.S. | 19

QTY. POST/ARCH LENGTHS

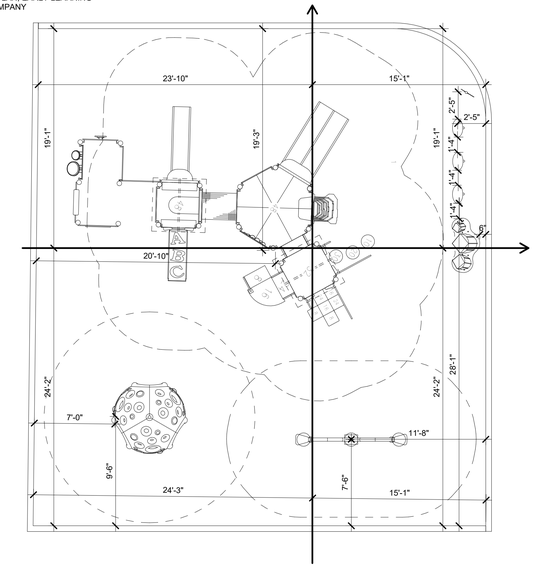
8 A 158" Alum Roof Post DB
6 B 124" Alum Post DB
6 C 76" Alum Post DB

PlayBooster® (2-5 years)

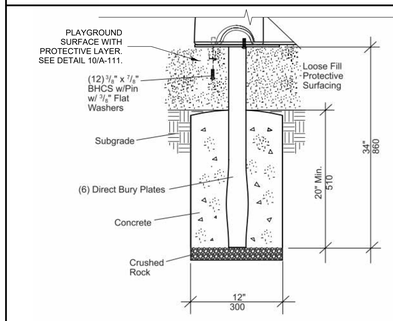
		X (ft–in)	Y (ft–in)	Dia. (in.)
1	RF	89'–5 1/2"	–22'–10"	Ref. N2
2	F1	–0"	–0"	14
3	F2	9"	1'–3 1/2"	14
4	F3	–0"	–2'–4"	14
5	F4	–3'–0 1/2"	1'–9"	3'–6"	14
6	F5	–2'–3 1/2"	3'–6 1/2"	3'–9 1/2"	14
7	F6	3'–6 1/2"	1'–6 1/2"	3'–10 1/2"	14
8	F7	1'–6"	4'–4"	5"	14
9	F8	–3'–0 1/2"	–5'–3"	6'–0 1/2"	14
10	F9	–6'–0 1/2"	–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"	–2'–4"	7"	14
14	F13	–1'–3 1/2"	–8'–3 1/2"	8'–4 1/2"	14
15	F14	7'–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'–2 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	5'–11 1/2"	–17'–4 1/2"	17'–10"	14
22	F21	11"	–19'–1 1/2"	19'–1 1/2"	14
23	F22	–11'–4"	20'–1 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	1'–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"	13'–7 1/2"	12
36	G11	–6'–11"	12'–11 1/2"	14'–3"	12
37	G12	–20'–4"	7'–3 1/2"	21'–5"	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'–3 1/2"	27'–4"	12
42	G17	2'–3 1/2"	29'–6 1/2"	29'–7 1/2"	12
43	G18	6'–10"	28'–4 1/2"	29'–11"	12
44	H1	2'–0 1/2"	5"	7'–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"	–11'–6"	11'–6"	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"	–11'–9"	19'–0 1/2"	REF PT.
53	I6	–11'–6"	–16'–2 1/2"	19'–10 1/2"	REF PT.



B.O.D: THREE DRUM TABLE - KAPLAN, EARLY LEARNING COMPANY

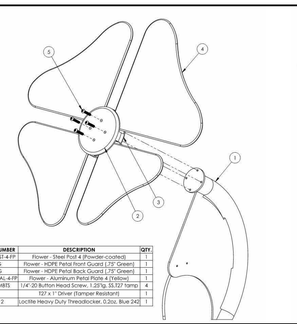


FOOTING SCHEDULE & HORIZONTAL CONTROL - PLAY EQUIPEMENT | 3/16" = 1'-0" | 2

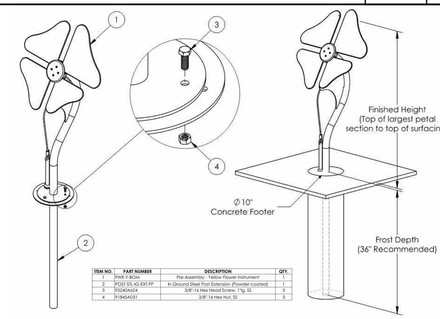


CLIMBING DOME - FOOTING DETAIL | 1 1/2" = 1'-0" | 13

NOTE: MUSICAL FLOWER EQUIPMENT SHOULD BE INSTALLED 3" LOWER FROM THE FINISH FLOOR

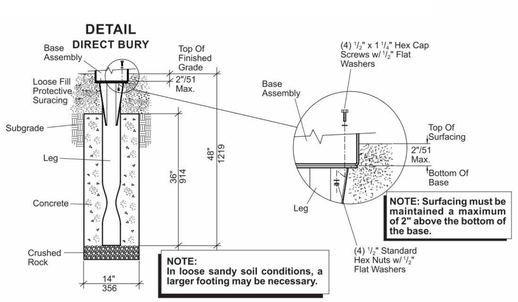


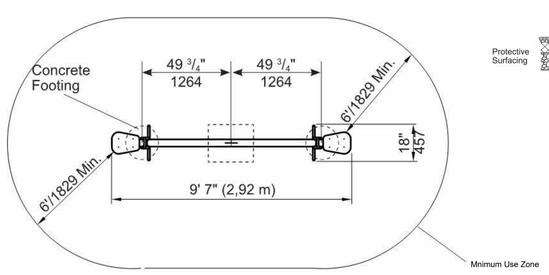
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FWR-Y-PO3.4-FP	Flower - Steel Post 4 (Powder-coated)	1
2	FWR-PFG	Flower - HDPE Petal front Guard (.73" Green)	1
3	FWR-PBG	Flower - HDPE Petal Back Guard (.73" Green)	1
4	FWR-PETAL-4-FP	Flower - Aluminum Petal Plate 4 (Yellow)	1
5	DSC125x4BTS	1/4"-20 Button Head Screw, 1.25"lg. SS T27 torqx	4
6	122638	T27 x 1" Driver (Tamper Resistant)	1
7	20KY28-12	Loctite Heavy Duty Threadlocker, 0.2oz. Blue 242	1

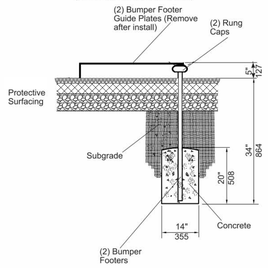


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FWR-Y-BOM	Pre-Assembly - Yellow Flower Instrument	1
2	POST-STL-IG-EXT-FP	In Ground Steel Post Extension (Powder-coated)	1
3	92240A624	3/8"-16 Hex Head Screw, 1"lg. SS	3
4	91845A031	3/8"-16 Hex Nut, SS	3

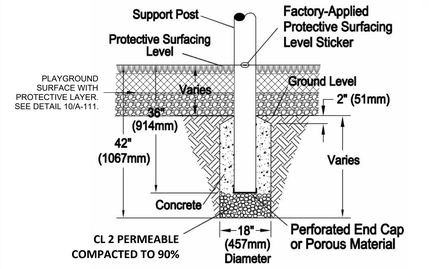
MUSICAL FLOWER - EQUIPMENT DETAIL | 1" = N.T.S. | 3



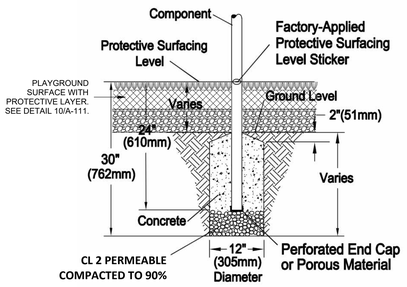




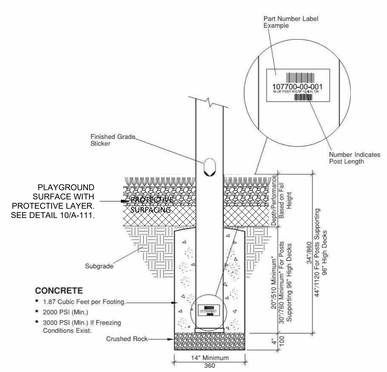
SEESAW BASE ASSEMBLY & FOOTING DETAIL | N.T.S. | 15



SUPPORT FOOTING DETAIL | N.T.S | 9



COMPONENT FOOTING DETAIL | N.T.S | 10



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. | 5

AGENCY APPROVAL DSA#

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

CONSULTANTS

NONE

PROFESSIONAL STAMP

LICENSED ARCHITECT MARSINA ALVAREZ-PRICE C-36107 REN 01-31-25 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION
1		

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PROJECT OWNER & TITLE

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

PSA AT AMY BLANC ELEMENTARY SCHOOL
230 Atlantic Ave.
Fairfield, CA 94533

SHEET TITLE

PLAYGROUND DETAILS

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.

A-121

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 3:38:27 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_PSA_A22_dvargasTH8BX.rvt

FAIRFIELD-SUISUN UNIFIED SCHOOL DISTRICT

PLAYGROUND REPLACEMENT AT

CORDELIA HILLS 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
- 1 / A101 TYP. — 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
⊥	PERPENDICULAR	LAV	LAVATORY
∠	ANGLE	MATL	MATERIAL
AB	ANCHOR BOLT	MAX	MAXIMUM
AC	ASPHALTIC CONCRETE	MB	MACHINE BOLT
ACT	ACOUSTICAL CEILING TILE	MECH	MECHANICAL
AFF	ABOVE FINISH FLOOR	MFR	MANUFACTURE OR MANUFACTURER
ALT	ALTERNATE	MH	MAN HOLE
ALUM	ALUMINUM	MIN	MINIMUM
ANOD	ANODIZED	MISC	MISCELLANEOUS
APPROX	APPROXIMATE	MO	MASONRY OPENING
ARCH	ARCHITECT OR ARCHITECTURAL	N	NORTH
BD	BOARD	(N)	NEW
BLDG	BUILDING	NIC	NOT IN CONTRACT
BLK(G)	BLOCK(ING)	NO OR #	NUMBER
BOB	BOTTOM OF BEAM	NTS	NOT TO SCALE
BM	BEAM	OC	ON CENTER
CB	CATCH BASIN	OD	OUTSIDE DIAMETER
CI	CAST IRON	OPNG	OPENING
CJ	CONSTRUCTION JOINT	PL	PLATE OR PROPERTY LINE
CLG	CEILING	PLAM	PLASTIC LAMINATE
CLR	CLEAR	PLAS	PLASTER (NUMBER - SEE SPECS)
CMU	CONCRETE MASONRY UNIT	PLYWD	PLYWOOD
CO	CLEAN OUT	PNT	PAINT (NUMBER - SEE SPECS)
COL	COLUMN	PTDF	PRESSURE TREATED DOUGLAS FUR
CONC	CONCRETE	QT	QUARRY TILE
CONT	CONTINUOUS	RD	ROOF DRAIN
CSK	COUNTERSINK	REF	REFRIGERATOR
CW	COLD WATER	REINF	REINFORCE OR REINFORCING
	CHANNEL	RH	ROUND HEAD
DBL	DOUBLE	RM	ROOM
DEPT	DEPARTMENT	RO	ROUGH OPENING
DET	DETAIL	RWD	REDWOOD
DF	DRINKING FOUNTAIN	S	SOUTH
DIA	DIAMETER	SCH	SCHEDULE
DIAG	DIAGONAL	SD	STORM DRAIN
DN	DOWN	SHR	SHOWER
DS	DOWNSPOUT	SHT	SHEET
DWG	DRAWING	SHTHG	SHEATHING
E	EAST	SIM	SIMILAR
(E)	EXISTING	SMACNA	THE ARCH SHEET METAL MANUAL
EB	EXPANSION BOLT	SPEC	SPECIFICATION
EJ	EXPANSION JOINT	SQ	SQUARE
ELEV	ELEVATION	SSTL	STAINLESS STEEL
ELEC	ELECTRICAL)	STD	STANDARD
EP	EDGE OF PAVING	STL	STEEL
EQ	EQUAL	SUSP	SUSPENDED
EQUIP	EQUIPMENT	SYM	SYMMETRICAL
FD	FLOOR DRAIN	TOB	TOP OF BEAM
FE(C)	FIRE EXTINGUISHER (& CABINET)	TOC	TOP OF CURB OR TOP OF CONCRETE
FF	FINISHED FLOOR	TCB	TOP OF CATCH BASIN
FG	FINISHED GRADE	TEL	TELEPHONE
FH	FLAT HEAD OR FIRE HYDRANT	TEMP	TEMPERATURE OR TEMPERED
FIN	FINISH	T&G	TONGUE & GROOVE
FL	FLOW LINE	TP	TOP OF PAVING
FLG	FLASHING	TS	STRUCTURAL TUBING
FLR	FLOOR	TV	TELEVISION
FOC	FACE OF CONCRETE	TOW	TOP OF WALL
FOF	FACE OF FINISH	TYP	TYPICAL (ITEMS TYPICAL UNLESS SHOWN OR NOTED OTHERWISE)
FOM	FACE OF MASONRY		
FOS	FACE OF STUD	UON	UNLESS OTHERWISE NOTED
FRP	FIBERGLASS REINFORCED PANEL	VCT	VINYL COMPOSITION TILE
FT	FOOT OR FEET	VERT	VERTICAL
FTG	FOOTING	VGDF	VERTICAL GRAIN DOUGLAS FIR
GA	GAUGE	VTR	VENT THRU ROOF
GALV	GALVANIZED	W	WEST
GB	GRAB BAR, GRADE BREAK	WC	WATER CLOSET
GL	GLASS	W.C.	WHEELCHAIR ACCESSIBLE
GLB	GLUE LAMINATED BEAM	WD	WOOD
GYP	GYPSUM	WF	WIDE FLANGE
GWB	GYPSUM WALL BOARD	WH	WATER HEATER
HB	HOSE BIBB	WP	WATERPROOF
HDR	HEADER	WS	WOOD SCREW
HGT	HEIGHT	WSCT	WAINSCOT
HORIZ	HORIZONTAL	WWF	WELDED WIRE FABRIC
HTR	HEATER	W/	WITH
HVAC	HEATING/VENTILATING/AIR CONDITIONING	W/O	WITHOUT

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

DEMOLISH (E) RUBBERIZED MATTING AND PLAY STRUCTURES AT (3)PLAY STRUCTURE AREAS.

INSTALL SYNTHETIC AND CUSHIONED PLAY AREA WITH FLUSH CONCRETE CURBS AND PLAY STRUCTURE AT EACH PLAY AREA.

IMPROVE DRAINAGE FROM PLAY AREA.

RESTRIPE ACCESSIBLE PARKING STALLS IN ADJUJCENT PARKING LOT.

REPLACE ADA SITE SIGNAGE AT (E) ADA PARKING STALLS.

UPGRADE TO ADA STANDARDS (E) METAL ACCESS GATE AT KINDERGARTEN PLAY AREA.

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

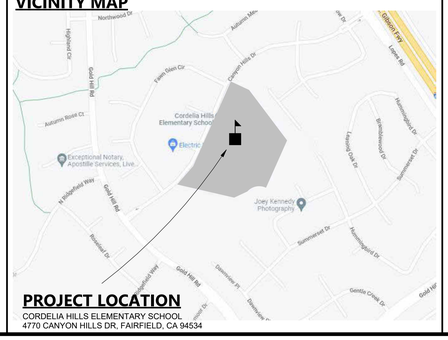
PARTIAL LIST OF APPLICABLE STANDARDS

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

CORDELIA HILLS ELEMENTARY SCHOOL
4770 CANYON HILLS DR, FAIRFIELD, CA 94534

SHEET INDEX

SHEET #	SHEET NAME	REV #	DATE
1. OVERALL GENERAL INFORMATION			
G-001	TITLE SHEET		
GENERAL SHEETS TOTAL: 1			
4. ARCHITECTURAL DRAWINGS			
A-101	SITE PLAN & ACCESSIBILITY PLAN		
A-102	ENLARGED KINDER (2-5) PLAYGROUND AREA		
A-103	ENLARGED ELEMENTARY (5-12) PLAYGROUND AREA		
A-110	PARKING LOT STRIPING PLAN		
A-111	SITE DETAILS		
A-112	SITE DETAILS		
A-121	KINDER PLAYGROUND DETAILS		
A-122	ELEMENTARY PLAYGROUND DETAILS		
ARCHITECTURAL SHEETS TOTAL: 8			
OVERALL SHEET TOTAL: 9			

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

NONE

PROFESSIONAL STAMP

LICENSED ARCHITECT — MARIANA ALVAREZ PARGA — 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 CORDELIA HILLS ES
4770 Canyon Hills Dr, Fairfield, CA 94534

SHEET TITLE

TITLE SHEET

DRAWN BY: XX JOB NUMBER: 22162

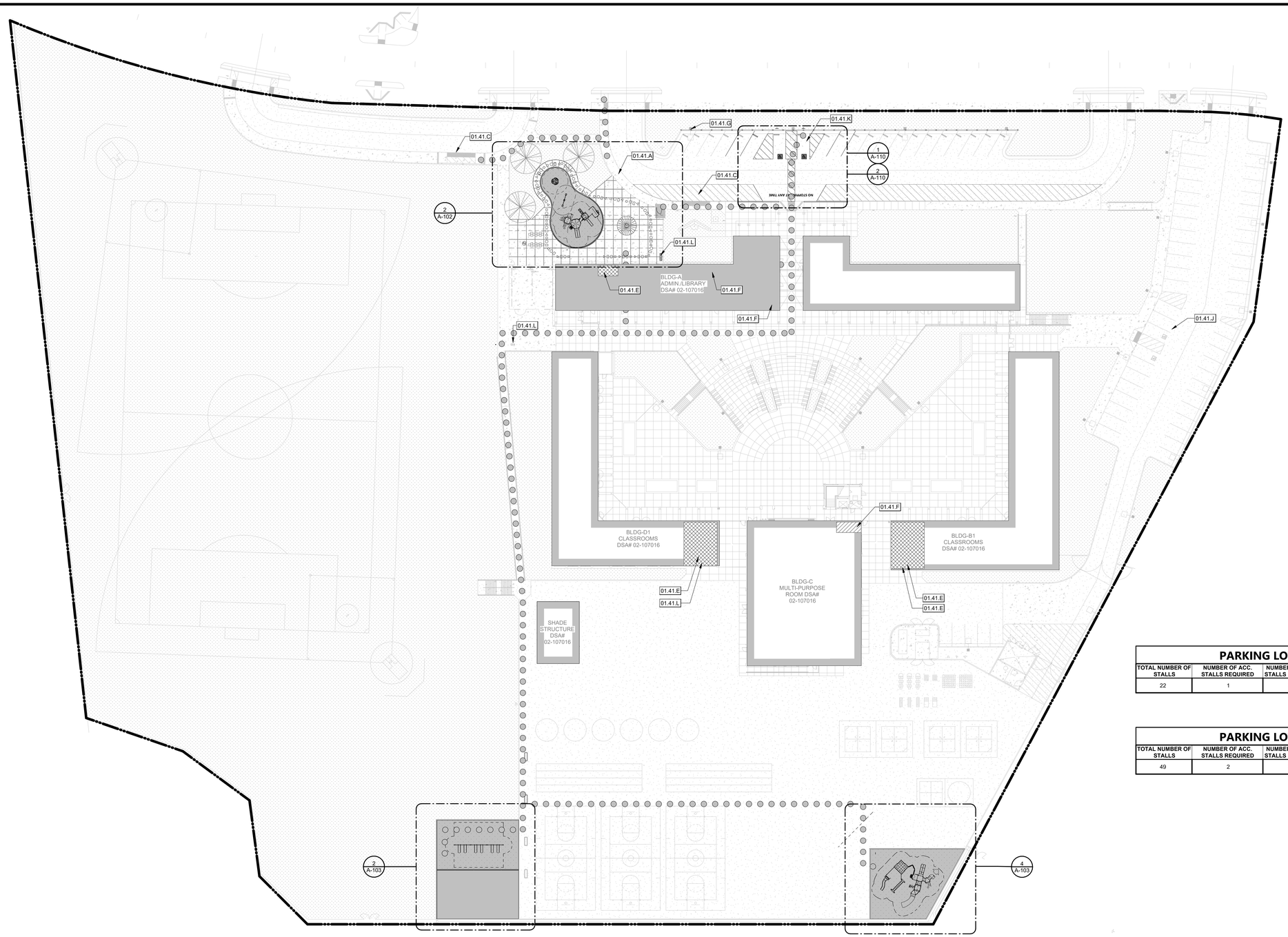
SHEET NO.

G-001

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 4:38:52 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Cordelia Hills_A22_dvargasTH8BX.rvt



PARKING LOT 01 - ANALYSIS

TOTAL NUMBER OF STALLS	NUMBER OF ACC. STALLS REQUIRED	NUMBER OF ACC. STALLS PROVIDED	NUMBER OF VAN ACC. STALLS REQUIRED	NUMBER OF VAN ACC. STALLS PROVIDED
22	1	2	1	1

PARKING LOT02 - ANALYSIS

TOTAL NUMBER OF STALLS	NUMBER OF ACC. STALLS REQUIRED	NUMBER OF ACC. STALLS PROVIDED	NUMBER OF VAN ACC. STALLS REQUIRED	NUMBER OF VAN ACC. STALLS PROVIDED
49	2	2	1	1

PROJECT NORTH

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

KEYNOTES

01.41.A (E) ACCESSIBLE P.O.T. FROM STREET TO ENTRY
01.41.C (E) DROP OFF ZONE DSA #02-107016
01.41.E (E) ACCESSIBLE STUDENT RESTROOMS DSA #02-107016
01.41.F (E) ACCESSIBLE STAFF RESTROOMS DSA#02-107016
01.41.G (E) PARKING LIGHT FIXTURES
01.41.J (E) PARKING LOT O2 DSA#02-107016
01.41.K (E) PARKING LOT O1 DSA#02-107016
01.41.L (E) DRINKING FOUNTAIN SERVING AREA OF WORK DSA#02-10716

SITE PLAN LEGEND

- ASSUMED PROPERTY LINE
- LIMITS OF WORK
- PROJECT BUILDING
- (E) CONCRETE PAVING
  - EXPANSION JOINT PER
  - CONTROL JOINT PER
- (E) ASPHALT CONCRETE PAVING
- (E) BUILDING
- (E) LANDSCAPING
- (E) STUDENT RESTROOMS
- (E) STAFF RESTROOMS
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE
- FENCE LINE

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.

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.
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#

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

CONSULTANTS
NONE

PROFESSIONAL STAMP

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

REVISIONS

NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE
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2490 Hilborn Rd.
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PLAYGROUND REPLACEMENT AT CORDELIA HILLS ES

4770 Canyon Hills Dr, Fairfield, CA 94534

SHEET TITLE
SITE PLAN & ACCESSIBILITY PLAN

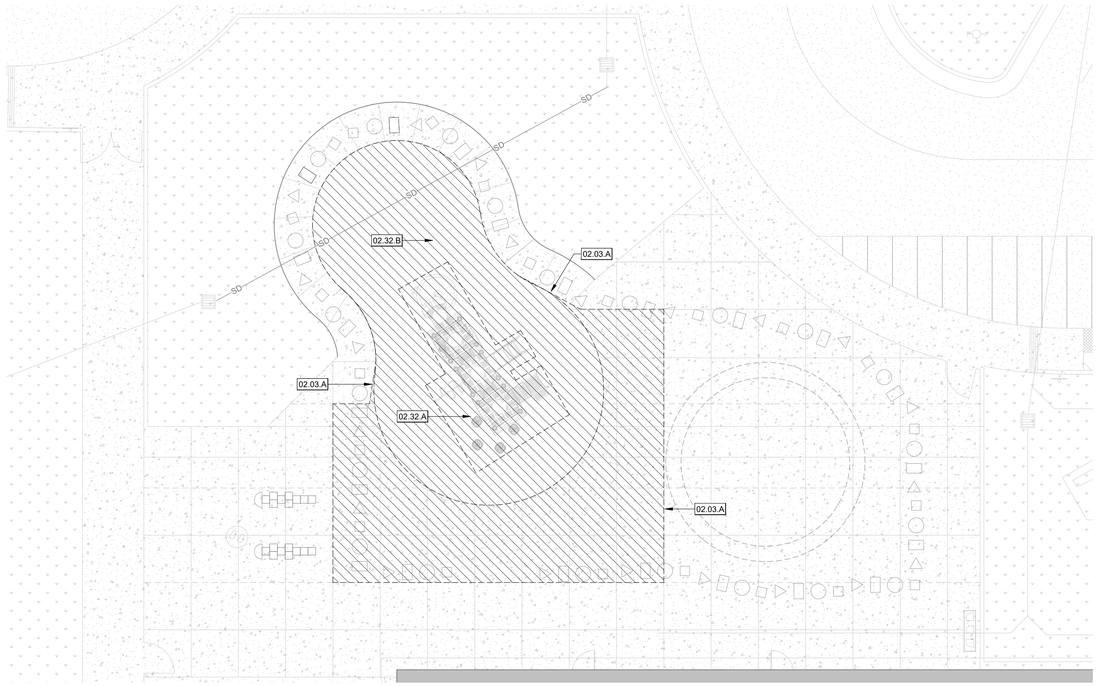
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SHEET NO.
A-101

DATE: FEBRUARY 9, 2023

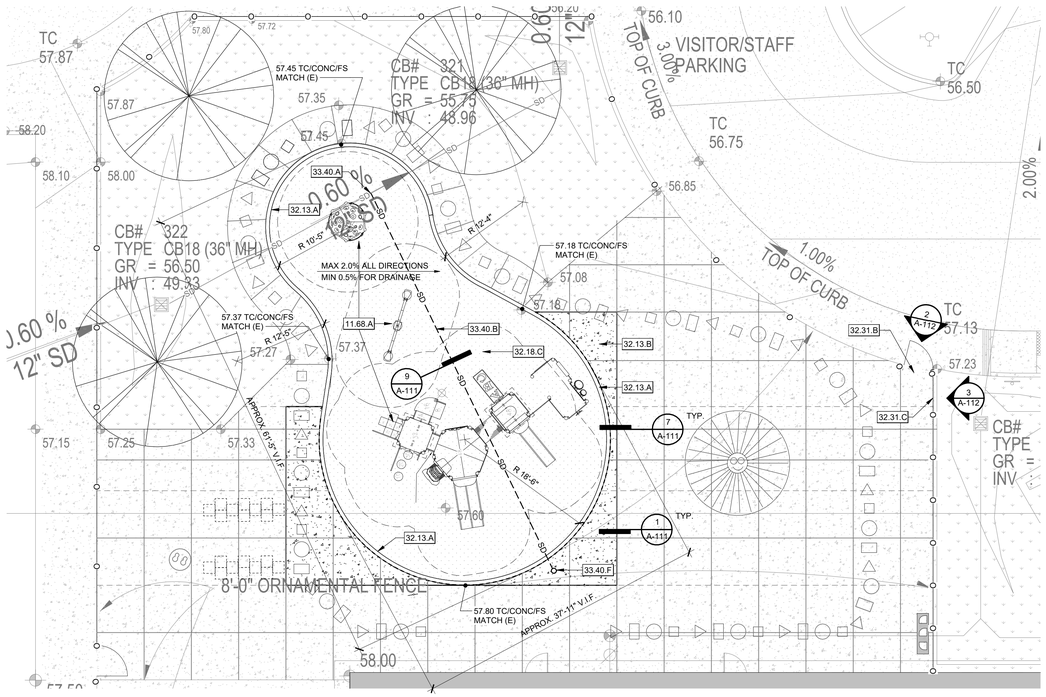
CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 4:38:27 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_Multi-site New Playground Installation_Cordelia Hills_A22_dvargasTH8BX.rvt



PROJECT NORTH

DEMOLITION PLAN | 1/8" = 1'-0" | **1**



PROJECT NORTH

ENLARGED SITE PLAN - CORDELIA HILLS KINDER PLAYGROUND | 1/8" = 1'-0" | **2**

KEYNOTES

02.03.A	SAWCUT AND REMOVE EXISTING CONCRETE AT EXISTING JOINTS. (N) FLUSH CURB TO BE POURED AGAINST CUT EDGE WHERE APPROPRIATE.
02.32.A	REMOVE EXISTING PLAYGROUND STRUCTURE, SUPPORTS, AND FOOTINGS COMPLETELY. FILL VOIDS WITH COMPACTED NATIVE SOILS.
02.32.B	EXISTING PLAYGROUND RUBBERIZED SURFACE TO BE REMOVED. REMOVE RUBBER AND SOIL TO A DEPTH OF 16" BELOW ADJACENT GRADE. SCARIFY AND COMPACT SUBGRADE TO RECIEVE NEW AGGREGATE BASE, CUSHION LAYER, AND SYNTHETIC TURF. SEE SHEET A-111. BUILD-UP SUBGRADE AS REQUIRED PER DETAILS.
11.68.A	(N) O.F.C.I. PLAY EQUIPMENT. INSTALL PER MANUFACTURER RECOMMENDATIONS. SEE SHEET A-121.
32.13.A	(N) CONCRETE FLUSH CURB PER DETAIL. SEE SHEET A-111.
32.13.B	(N) CONCRETE FLATWORK PER DETAIL 11/A-111.
32.18.C	(N) ARTIFICIAL TURF WITH SAFETY SURFACE TO MEET ASTM F1292 & F1951.
32.31.B	(N) HARDWARE ON EXISTING GATE.
32.31.C	(N) PROTECTIVE METAL MESH AT 8' HIGH ORNAMENTAL FENCE.
33.40.A	CONNECT (N) STORM DRAIN TO (E) STORM DRAIN INLET VERIFY LOCATION AND DEPTH.
33.40.B	INSTALL APPROX 55 L.F. OF 4" PERF PVC STORM PIPE, MIN 1.0% SLOPE, PER DETAIL 9/A-111. ROUTE AROUND (N) PLAY EQUIPMENT FOOTINGS AS NEEDED.
33.40.F	INSTALL STORM CLEANOUT PER DETAIL 10/A-111 IN (N) FLATWORK.

SITE PLAN LEGEND

- PROJECT AREA
- (E) BUILDING
- (E) SITE FEATURE TO BE REMOVED
- (E) ASPHALT CONCRETE PAVING
- (N) ASPHALT CONCRETE PAVING
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE — 6 / A-112
- (E) CONCRETE FLATWORK
- (N) CONCRETE FLATWORK

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#

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

CONSULTANTS
NONE

PROFESSIONAL STAMP

LICENSED ARCHITECT MARIANA ALVAREZ TORRES C-36102 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 CORDELIA HILLS ES

4770 Canyon Hills Dr, Fairfield, CA 94534

SHEET TITLE
ENLARGED KINDER (2-5) PLAYGROUND AREA

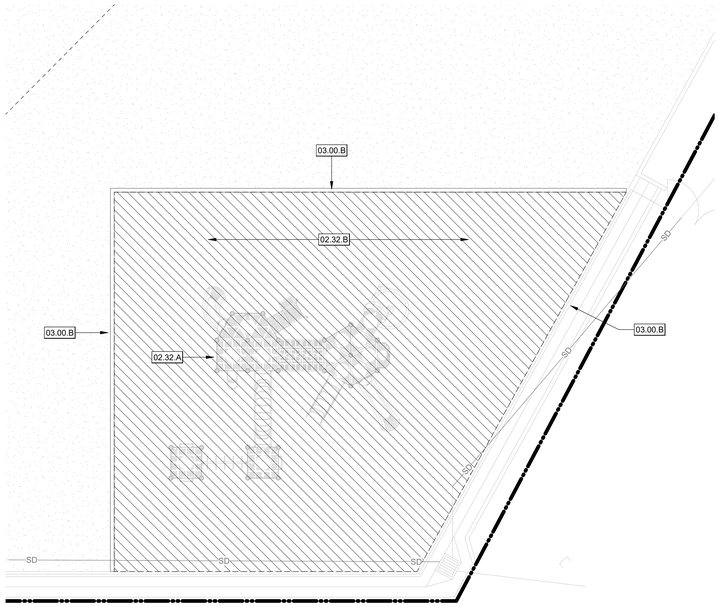
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SHEET NO.
A-102

DATE: FEBRUARY 9, 2023

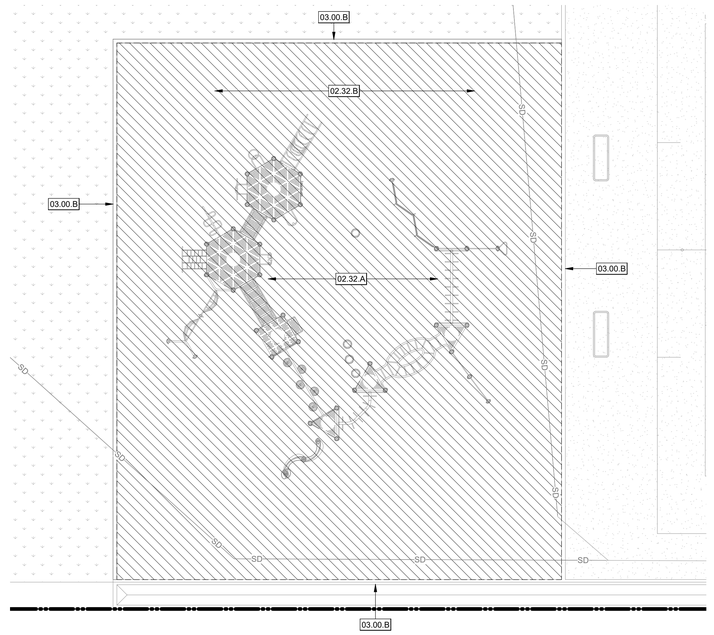
CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 4:38:32 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Cordelia Hills_A22_dvargasTH8BX.rvt



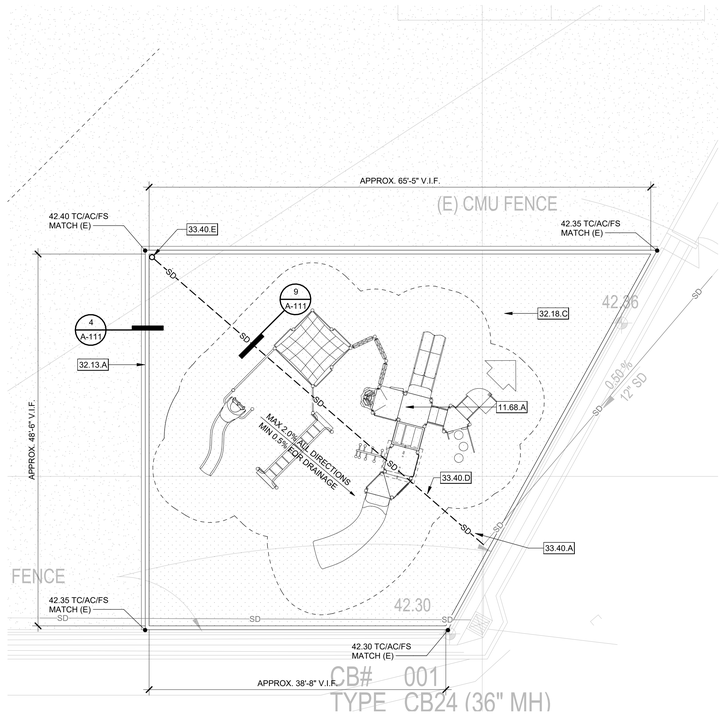
PROJECT NORTH

DEMOLITION PLAN - PLAYGROUND | 1/8" = 1'-0" | **3**



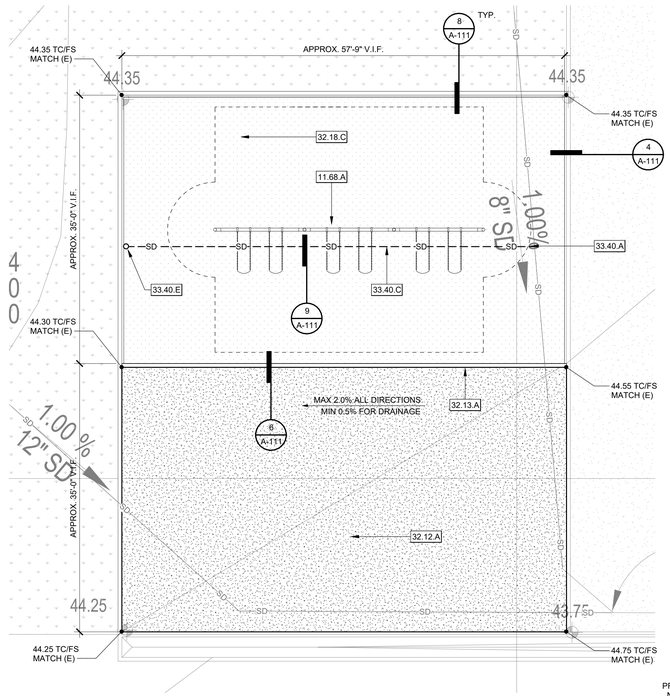
PROJECT NORTH

DEMOLITION PLAN - PLAYGROUND 1 | 1/8" = 1'-0" | **1**



PROJECT NORTH

SITE PLAN PLAYGROUND 2 | 1/8" = 1'-0" | **4**



PROJECT NORTH

SITE PLAN PLAYGROUND 1 | 1/8" = 1'-0" | **2**

KEYNOTES

02.32.A	REMOVE EXISTING PLAYGROUND STRUCTURE, SUPPORTS, AND FOOTINGS COMPLETELY. FILL VOIDS WITH COMPACTED NATIVE SOILS.
02.32.B	EXISTING PLAYGROUND RUBBERIZED SURFACE TO BE REMOVED. REMOVE RUBBER AND SOIL TO A DEPTH OF 16" BELOW ADJACENT GRADE. SCARIFY AND COMPACT SUBGRADE TO RECIEVE NEW AGGREGATE BASE, CUSHION LAYER, AND SYNTHETIC TURF. SEE SHEET A-111. BUILD-UP SUBGRADE AS REQUIRED PER DETAILS.
03.00.B	(E) CONCRETE CURB TO REMAIN
11.68.A	(N) O.F.C.I. PLAY EQUIPMENT. INSTALL PER MANUFACTURER RECOMMENDATIONS. SEE SHEET A-121.
32.12.A	(N) ASPHALT PAVING PER DETAIL 5/A-111.
32.13.A	(N) CONCRETE FLUSH CURB PER DETAIL. SEE SHEET A-111.
32.18.C	(N) ARTIFICIAL TURF WITH SAFETY SURFACE TO MEET ASTM F1292 & F1951.
33.40.A	CONNECT (N) STORM DRAIN TO (E) STORM DRAIN INLET VERIFY LOCATION AND DEPTH.
33.40.C	INSTALL APPROX 53 L.F. OF 4" PERF PVC STORM PIPE, MIN 1.0% SLOPE, PER DETAIL 9/A-111 ROUTE AROUND (N) PLAY EQUIPMENT FOOTINGS AS NEEDED.
33.40.D	INSTALL APPROX 57 L.F. OF 4" PERF PVC STORM PIPE, MIN 1.0% SLOPE, PER DETAIL 9/A-111 ROUTE AROUND (N) PLAY EQUIPMENT FOOTINGS AS NEEDED.
33.40.E	INSTALL STORM CLEANOUT PER DETAIL 10/A-111 IN (N) CURB.

SITE PLAN LEGEND

- PROJECT AREA
- (E) BUILDING
- (E) SITE FEATURE TO BE REMOVED
- (E) ASPHALT CONCRETE PAVING
- (N) ASPHALT CONCRETE PAVING
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE (6 / A-112)
- (E) CONCRETE FLATWORK
- (N) CONCRETE FLATWORK

SITE PLAN GENERAL NOTES

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AGENCY APPROVAL DSA#

196 ARCHITECTS
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TEL (408) 715-4470

CONSULTANTS
NONE

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 CORDELIA HILLS ES

4770 Canyon Hills Dr, Fairfield, CA 94534

SHEET TITLE
ENLARGED ELEMENTARY (5-12) PLAYGROUND AREA

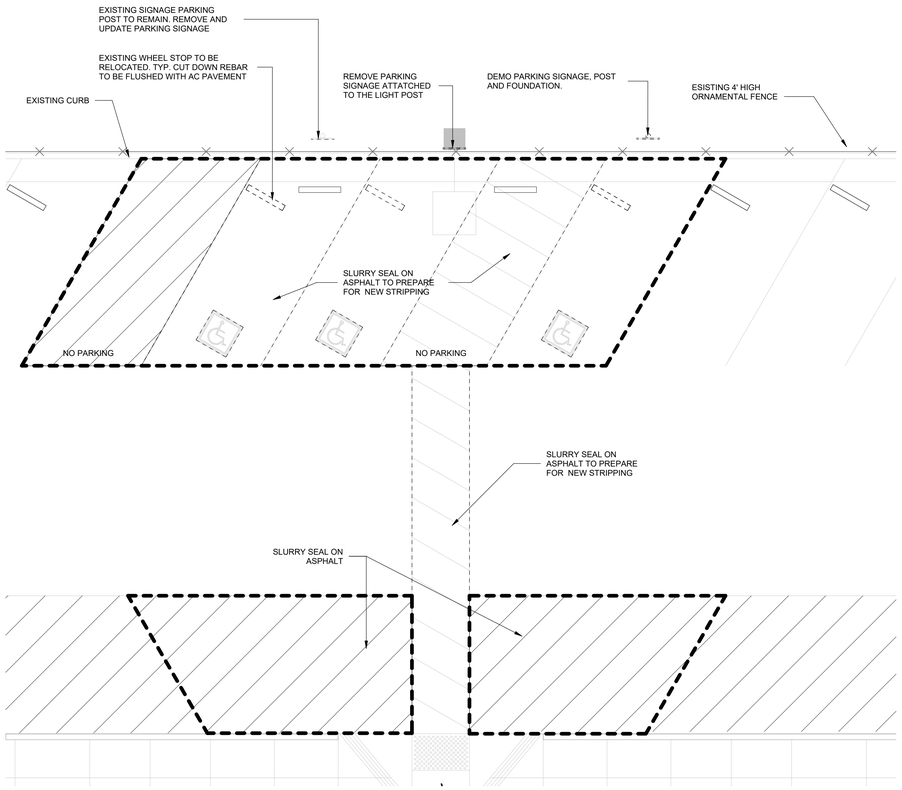
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SHEET NO.
A-103

DATE: FEBRUARY 9, 2023

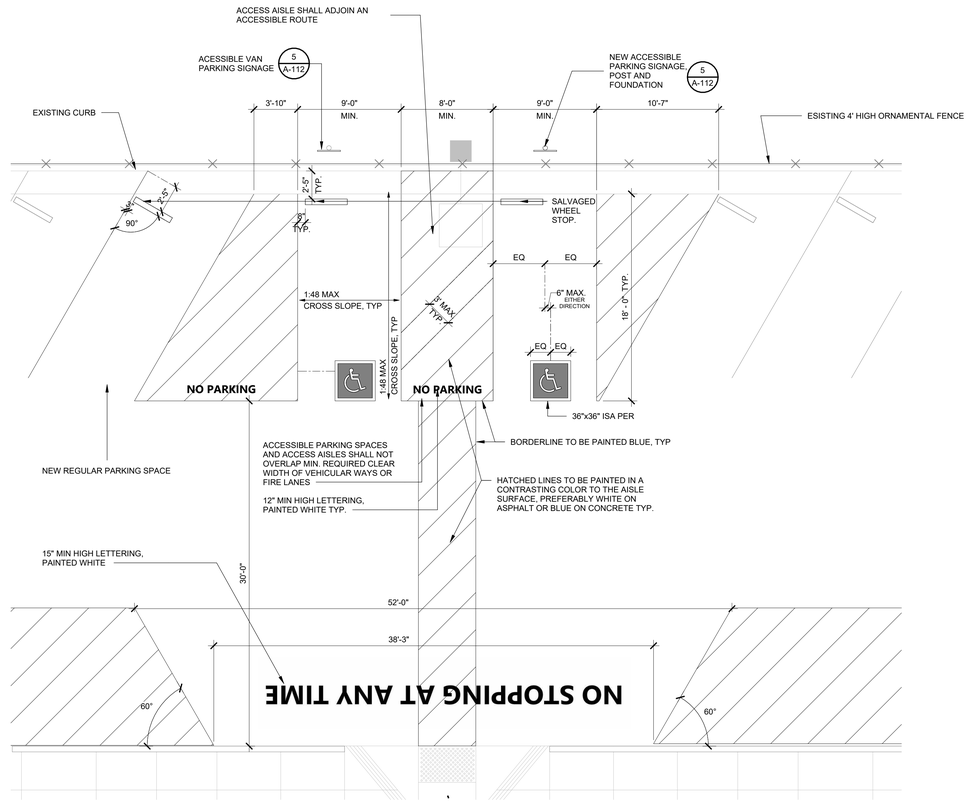
CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 4:38:40 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Cordelia Hills_A22_dvargasTH8BX.rvt



PROJECT NORTH

PARKING LOT - DEMO PLAN | 3/16" = 1'-0" | **2**



PROJECT NORTH

PARKING LOT - NEW PLAN | 3/16" = 1'-0" | **1**

KEYNOTES

SITE PLAN LEGEND

- ASSUMED PROPERTY LINE
- LIMITS OF WORK
- PROJECT BUILDING
- (E) CONCRETE PAVING
  - EXPANSION JOINT PER
  - CONTROL JOINT PER
- (E) ASPHALT CONCRETE PAVING
- (E) BUILDING
- (E) LANDSCAPING
- (E) STUDENT RESTROOMS
- (E) STAFF RESTROOMS
- (N) ARTIFICIAL TURF WITH SAFETY SURFACE
- FENCE LINE

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.

SITE PLAN GENERAL NOTES

1. SEE PLAYGROUND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
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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.
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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.
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.
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AGENCY APPROVAL DSA#

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

CONSULTANTS
NONE

PROFESSIONAL STAMP

LICENSED ARCHITECT MARIANA ALVAREZ PEREZ C-36107 EXP. 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 CORDELIA HILLS ES

4770 Canyon Hills Dr, Fairfield, CA 94534

SHEET TITLE
PARKING LOT STRIPING PLAN

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.
A-110

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 4:38:42 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Cordelia Hills_A22_dvargasTH8BX.rvt

GRADING AND PAVING SPECIFICATIONS:

A. **STANDARD SPECIFICATIONS:**

1. EXCEPT AS MODIFIED OR OTHERWISE SPECIFIED ON THE DRAWINGS OR HEREIN, CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM WITH THE ***STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), 2015 EDITION***, PUBLISHED BY BUILDING NEWS, INC.

B. **GEOTECHNICAL ENGINEER:**

1. A GEOTECHNICAL INVESTIGATION HAS NOT BEEN PERFORMED FOR THIS PROJECT.
2. A GEOTECHNICAL ENGINEER WILL BE ENGAGED BY THE SCHOOL DISTRICT TO PERFORM OBSERVATION, TESTING, AND/OR REPORTING DURING CONSTRUCTION SHOULD THE I.O.R. DEEM IT NECESSARY.

C. **LICENSED LAND SURVEYOR:**

1. A LICENSED SURVEYOR, HIRED BY THE CONTRACTOR, SHALL LAY OUT THE WORK, SET GRADE STAKES, CHECK FORMS, AND CHECK SURFACE OF PAVEMENT BASE COURSES AS NECESSARY.

D. **EARTHWORK QUANTITIES:**

1. CONTRACTOR SHALL PERFORM AN INDEPENDENT EARTHWORK QUANTITY ANALYSIS ON WHICH TO BASE HIS BID. CONTRACTOR SHALL NOT BE RELIEVED OF LIABILITY UNDER THE CONTRACT FOR ANY LOSS HE MAY SUSTAIN AS A RESULT OF ANY VARIANCE BETWEEN HIS EARTHWORK ESTIMATES AND THE ACTUAL EARTHWORK QUANTITIES REQUIRED TO ACCOMPLISH GRADING AS SPECIFIED HEREIN AND AS NECESSARY FOR CONSTRUCTION OF IMPROVEMENTS TO THE FINISH GRADES OR PAVEMENT SUBGRADES CALLED FOR ON THE DRAWINGS.

E. **DUST CONTROL:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL OF DUST DURING THE ENTIRE CONSTRUCTION PERIOD AND FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM CONTRACTOR'S OPERATIONS.
2. EMPLOY LABOR, EQUIPMENT AND METHODS REQUIRED TO PREVENT CONSTRUCTION OPERATIONS FROM PRODUCING DUST DAMAGING TO PERSONS, PROPERTY, VEGETATION AND ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. CONTINUE DUST ABATEMENT MEASURES UNTIL AUTHORIZED BY THE OWNER'S REPRESENTATIVE TO DISCONTINUE THEM.
3. DURING TIMES OF EARTH DISTURBANCE OR MOVEMENT, MONITOR THE AMOUNT OF DUST RAISED BY THE ACTIVITY AND WATER THE AREAS BEING DISTURBED AS NEEDED TO PREVENT DUST FROM LEAVING THE PROJECT SITE.
4. ENSURE THAT TRUCKS TRANSPORTING MATERIAL FROM THE SITE ARE TARPED BEFORE LEAVING THE SITE WITH TARPS SUFFICIENTLY SECURE TO REMAIN TARPED TO THE POINT OF DISPOSAL.
5. COVER STOCKPILED SOIL MATERIALS AS REQUIRED TO PREVENT WIND-BLOWN DUST.

F. **EROSION AND SEDIMENTATION CONTROL:**

1. PROVIDE STORM WATER POLLUTION PREVENTION MATERIALS AND METHODS IN ACCORDANCE WITH THE CONSTRUCTION BMP ONLINE HANDBOOK, JANUARY 2015 EDITION, AVAILABLE ONLINE FROM THE CALIFORNIA STORMWATER QUALITY ASSOCIATION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL OF EROSION AND SEDIMENT TRANSPORT DURING THE ENTIRE CONSTRUCTION PERIOD AND FOR ANY DAMAGE CAUSED BY EROSION OR SEDIMENT TRANSPORT RESULTING FROM CONTRACTOR'S OPERATIONS.

G. **CLEARING AND GRUBBING:**

1. PRIOR TO COMMENCING GRADING OR TRENCHING OPERATIONS, CLEAR THE EXISTING GROUND SURFACE OF AREAS TO BE GRADED OR TRENCHED OF ALL VEGETATION (EXCEPT TREES INDICATED ON THE DRAWINGS TO REMAIN), WHETHER LIVING OR DEAD, INCLUDING ROOTS AND ROOT STRUCTURES, AS WELL AS ALL TRASH AND DEBRIS, UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER.
2. PRIOR TO COMMENCING GRADING OR TRENCHING OPERATIONS, EXCAVATE AND REMOVE FROM AREAS TO BE GRADED OR TRENCHED ALL EXISTING UNDOCUMENTED OR NON-COMPLYING FILL AND SOIL CONTAINING DEBRIS, ORGANICS, PAVEMENT AND OTHER UNSUITABLE MATERIAL, AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
3. IF, DURING THE REMOVAL AND SCARIFICATION PROCESS, EXCESSIVE ROOT STRUCTURES ARE ENCOUNTERED, THESE AREAS SHALL BE DEEP RIPPED IN TWO DIRECTIONS TO THE DEPTH OF THE ROOT STRUCTURE AFTER WHICH THE DISTURBED SOILS AND THE ROOTS SHALL BE COMPLETELY REMOVED AND THE RESULTING CAVITIES SHALL BE SCARIFIED AND PROCESSED TO RECEIVE FILL IN ACCORDANCE WITH RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

H. **GRADING:**

1. GRADING WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, THE FOLLOWING:
   - ALL EXCAVATION TO THE GRADES SHOWN ON OR INDICATED BY THE DRAWINGS AND AS SPECIFIED HEREIN.
   - ALL EARTH FILL TO THE GRADES SHOWN ON OR INDICATED BY THE DRAWINGS AND AS SPECIFIED HEREIN.
   - ALL IMPORT AND EXPORT OF EARTH MATERIAL AS REQUIRED TO ACCOMPLISH THE FINISH GRADES AND PAVEMENT SUBGRADES SHOWN ON OR INDICATED BY THE DRAWINGS AND AS SPECIFIED HEREIN.
   - ALL CONDITIONING, PLACEMENT, COMPACTION AND RECOMPACTION OF EARTHWORK.
2. ON-SITE SOILS FREE OF OVERSIZE ROCKS AND IRREDUCIBLE MATERIAL (OVER 3 INCHES IN LARGEST DIMENSION), TRASH AND DEBRIS, ORGANICS AND DELETERIOUS MATERIALS MAY BE USED AS FILL, SUBJECT TO PRIOR REVIEW AND APPROVAL BY THE GEOTECHNICAL ENGINEER. IF IMPORTED SOIL IS NECESSARY, THE MATERIAL SHALL BE GRANULAR AND NON-EXPANSIVE, EQUAL OR SUPERIOR IN QUALITY TO THE ON-SITE SOILS, AS DETERMINED BY THE GEOTECHNICAL ENGINEER PRIOR TO IMPORTATION OF THE FILL MATERIAL TO THE SITE.
3. BEFORE PLACING ANY FILL MATERIAL, REQUEST REVIEW OF THE EXPOSED IN-PLACE SOILS BY, AND PREPARE THESE SOILS TO RECEIVE FILL AS RECOMMENDED BY, THE GEOTECHNICAL ENGINEER, INCLUDING:
   - CORRECTING ANY SOFT, OVERWET OR PUMPING AREAS, AS RECOMMENDED
   - OVEREXCAVATING OR SCARIFYING, MOISTURE CONDITIONING, AND RECOMPACTING AS RECOMMENDED AND AT LEAST THE UPPER 9 INCHES TO AT LEAST 90% OF MAXIMUM DENSITY.
4. PLACE FILL MATERIAL IN LAYERS THAT CAN BE COMPACTED WITH THE EQUIPMENT BEING USED AND AS REQUIRED BY THE GEOTECHNICAL ENGINEER BUT NOT MORE THAN 6 INCHES IN LOOSE THICKNESS. AFTER EACH LAYER HAS BEEN CONDITIONED AND PLACED, COMPACT THE MATERIAL TO THE FOLLOWING DENSITIES:
   - STRUCTURAL FILL NOT OTHERWISE SPECIFIED: MINIMUM 90% OF MAXIMUM DENSITY
   - UPPER 12" OF AREAS TO RECEIVE LANDSCAPING BUT NO OTHER SURFACE IMPROVEMENTS: 85% OF MAXIMUM DENSITY
   - BASE COURSE AND UPPER 12" OF SUBGRADE SOIL BENEATH BASE COURSE IN PAVEMENT AND WALKWAY AREAS: MINIMUM 95% OF MAXIMUM DENSITY

I. **CONCRETE:**

1. BASE MATERIAL
   - SAND BASE MATERIAL SHALL BE IMPORTED CLEAN SAND OF SUCH GRADATION THAT 90% TO 100% PASSES THROUGH A NO. 4 SIEVE, LESS THAN 5% PASSES THROUGH A NO. 200 SIEVE, AND THE SAND EQUIVALENT VALUE IS GREATER THAN OR EQUAL TO 40. FOR PROCESSED SAND, A MAXIMUM OF 15% SHALL PASS THROUGH A NO. 200 SIEVE.
   - AGGREGATE BASE MATERIAL SHALL BE CRUSHED AGGREGATE BASE CONFORMING TO SECTION 200-2.2 OF THE STANDARD SPECIFICATIONS (SSPWC).
2. FORM MATERIALS
   - GENERAL: SHALL CONFORM TO CALIFORNIA BUILDING CODE, SECTION 1906, FORMWORK, EMBEDDED PIPES AND CONSTRUCTION JOINTS.
   - PLYWOOD FORMS: DOUGLAS FIR SPECIES; SOLID-ONE-SIDE, SOUND UNDAMAGED SHEETS. UNLESS OTHERWISE CALLED FOR ON PLANS, SURFACE OF FORM SIDE AGAINST CONCRETE SHALL PROVIDE A MEDIUM DENSITY TEXTURE.
   - LUMBER: DOUGLAS FIR SPECIES; CONSTRUCTION GRADE WITH GRADE STAMP CLEARLY VISIBLE.
   - STEEL FORMS: MINIMUM 16 GAGE THICK, STIFFENED TO SUPPORT WEIGHT OF CONCRETE WITH MINIMUM DEFLECTION.
   - FORM TIES: REMOVABLE METAL OF ADJUSTABLE LENGTH, CONE ENDS.
3. REINFORCING STEEL
   - ALL REINFORCING SHALL BE FABRICATED FROM STEEL MANUFACTURED IN THE UNITED STATES.
   - REINFORCING STEEL SHALL BE DEFORMED BILLET-STEEL FOR CONCRETE REINFORCEMENT CONFORMING TO ASTM A-615, GRADE 60 FOR BAR SIZES NO. 4 AND LARGER, GRADE 40 FOR BAR SIZE NO. 3, GRADE 60 ACCEPTABLE FOR ALL SIZES.
   - WELDED BARS SHALL CONFORM TO THE MOST RECENT ISSUE OF ASTM STANDARD A-706, GRADE 60 FOR ALL BAR SIZES.
4. CONCRETE MATERIALS
   - CEMENT: SHALL BE TYPE II, LOW ALKALI (NO HIGHER THAN 0.4%), CONFORMING TO ASTM C-150.
   - AGGREGATES (COARSE AND FINE): ALL AGGREGATE USED IN CONCRETE SHALL CONFORM TO ASTM C-33. AGGREGATE SHALL BE UNIFORMLY GRADED, WITH THE MAXIMUM AGGREGATE SIZE BEING 3/4" TO 1", AND THE RATIO OF COARSE AGGREGATE TO FINE AGGREGATE BEING APPROXIMATELY 60% TO 40% (BY WEIGHT), RESPECTIVELY.
   - COARSE AND FINE AGGREGATE (SAND) ARE TO COME FROM A SOURCE PROVEN TO HAVE NON-REACTIVE CHARACTERISTICS. COARSE AGGREGATE WHICH IS HEAVY MEDIA PROCESSED (SATICOY, SISQUOC), SANTA MARGARITA ROCK, OR SAN GABRIEL ROCK WILL BE CONSIDERED AS MEETING THE CRITERIA OF NON-REACTIVITY. MOORPARK SAND (QUALITY, BEST, BLUE STAR) WILL BE CONSIDERED AS MEETING THE REQUIREMENTS OF NON-REACTIVITY. OTHER AGGREGATES MEETING OR EXCEEDING THE AGGREGATE REACTIVITY CHARACTERISTICS OF THE AGGREGATES LISTED ABOVE ARE ACCEPTABLE UPON SUBMITTAL OF ADEQUATE DOCUMENTATION (ASTM C-289 AND ASTM C-277 TEST RESULTS THAT ARE NOT MORE THAN 2 YEARS OLD).
   - WATER: SHALL BE CLEAN, SUITABLE FOR HUMAN CONSUMPTION, AND NOT DETRIMENTAL TO CONCRETE.
5. CURING COMPOUND
   - SHALL BE WATER-BASE LIQUID MEMBRANE-FORMING COMPOUND CONFORMING TO ASTM C309, 1100-CLEAR SERIES MANUFACTURED BY W.R. MEADOWS, INC., OR EQUIVALENT, FOR USE ON EXTERIOR FLATWORK ONLY.
   - LIQUID MEMBRANE-FORMING COMPOUND SHALL BE APPLIED AT THE RATE OF 1 GALLON PER 200 SQUARE FEET, IN 2 COATS, THE SECOND COAT APPLIED AT RIGHT ANGLES TO THE FIRST.
6. BONDING AGENT
   - SHALL BE POLYVINYL ACETATE HIBOND MANUFACTURED BY LAMBERT CORPORATION, ORLANDO, FL, LOCK BOND NO. 906 MANUFACTURED BY MACKLANBURG-DUNCAN CO., CITY OF INDUSTRY, CA, OR EQUIVALENT.
7. CONCRETE MIX
   - MIX AND DELIVER CONCRETE IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, SECTION 1905A.
   - HAVE MIX DESIGNED AND CERTIFIED BY A REGISTERED CIVIL ENGINEER, LICENSED IN CALIFORNIA.
   - SELECT PROPORTIONS FOR CONCRETE IN ACCORDANCE WITH THE APPROVED DESIGN MIX.
   - PROVIDE CONCRETE CONFORMING TO THE FOLLOWING CRITERIA:

ELEMENT	STRENGTH MIN. 28 DAYS	MIN. CEMENT CONTENT	MAX. AGG. SIZE	MAX SLUMP	WAT/CEM RATION	ADMIXTURES
CURBS, GUTTERS, RAMPS, WALKS & FLATWORK	3,000 PSI	5.5 SACK/C.Y.	3/4-INCH	4 INCHES	0.59	SEE BELOW

   - INCLUDE THE FOLLOWING ADMIXTURES:
     - 2% MAX. AIR ENTRAINMENT
     - 15% FLY ASH, CLASS N OR F ONLY
     - WATER REDUCING ADMIXTURE: GRACE WRDA 64, OR APPROVED EQUAL
   - THE USE OF A PEA GRAVEL MIX (ROUNDED 3/8" AGGREGATE) CONCRETE MIX IS EXPRESSLY PROHIBITED.
8. EXPANSION JOINT
   - FILLER MATERIAL SHALL BE PREFORMED BITUMINOUS TYPE CONFORMING TO ASTM STANDARD D-1751.
   - DOWEL TUBING SHALL BE PLASTIC SPEED DOWEL SUPPLIED WITH SACRIFICIAL PLATE FOR ATTACHING TO FORM, AS SUPPLIED BY AZTEC CONCRETE ACCESSORIES, OR APPROVED EQUAL.
9. REMOVABLE JOINT CAP
   - HIGH IMPACT POLYSTYRENE, DEPTH EQUAL TO WIDTH OF EXPANSION JOINT FILLER, SUPPLIED IN 10-FOOT LENGTHS, AS MANUFACTURED BY CONCRETE TIE, OR EQUIVALENT.
   - WHERE POLYURETHANE SEALANT PRIMERS ARE USED, A BONDBREAKER TAPE SHALL BE APPLIED PRIOR TO CAULKING.
10. JOINT SEALANT
   - FOR CRACK-CONTROL AND EXPANSION JOINTS SHALL BE CHEMICAL-CURE, TWO COMPONENT, POLYURETHANE-BASE, NON-SAG ELASTOMERIC SIKAFLEX-2CNS MANUFACTURED BY SIKA CORPORATION, LYNDHURST, NJ, OR APPROVED EQUIVALENT. COLOR: LIMESTONE GREY.
11. EPOXY, FLATWORK DOWELS
   - EPOXY USED FOR GROUTING REBAR DOWELS TO MAINTAIN JOINT INTEGRITY BETWEEN SITE FLATWORK COMPONENTS (CURBS, GUTTERS, WALKWAYS, RAMPS) SHALL BE SIMPSON SET-XP ADHESIVE, ICC NO. ESR-2508, OR EQUIVALENT. PULL TESTS ARE NOT REQUIRED.

J. **ASPHALT CONCRETE PAVING:**

1. AGGREGATE BASE MATERIAL SHALL BE CRUSHED AGGREGATE BASE CONFORMING TO SECTION 200-2.5 OF THE STANDARD SPECIFICATIONS (SSPWC).
2. ASPHALT CONCRETE SHALL BE THE PRODUCT OF MIXING MINERAL AGGREGATE AND A MAXIMUM OF 15 PERCENT RECLAIMED ASPHALT PAVEMENT (RAP) WITH PAVING ASPHALT, IN CONFORMANCE WITH SECTION 203-6 OF THE STANDARD SPECIFICATIONS (SSPWC).
3. PAVING ASPHALT SHALL BE PERFORMANCE GRADE PG 64-10, IN CONFORMANCE WITH SECTION 203-1 OF THE STANDARD SPECIFICATIONS (SSPWC).
4. ASPHALT CONCRETE DESIGNATED BY CLASS AND GRADE FOR VARIOUS APPLICATIONS SHALL BE AS FOLLOWS:
   - BASE COURSE, DENSE-GRADED: B (3/4") - PG 64-10-RAP
   - FINISH COURSE (PARKING), DENSE-GRADED: C2 (1/2") - PG 64-10-RAP
   - ASPHALT CONCRETE CURB: D2 (3/8") - PG 70-10-RAP
5. PAINT BINDER FOR TACK COAT SHALL BE SS-1H EMULSIFIED ASPHALT CONFORMING TO SECTION 203-3 OF THE STANDARD SPECIFICATIONS (SSPWC). APPLY A PAINT BINDER OF ASPHALTIC EMULSION AT THE RATE OF 0.15 GALLONS PER SQUARE YARD OF SURFACE TO EXISTING VERTICAL SURFACES AGAINST WHICH PAVING WILL BE PLACED AND BETWEEN PAVEMENT COURSES CONSTRUCTED MORE THAN 24 HOURS APART.
6. MATERIALS FOR SEALCOAT SHALL CONFORM TO SECTION 203-9 OF THE STANDARD SPECIFICATIONS (SSPWC).
   - GUARD TOP ASPHALT BASED SEALANT OR APPROVED EQUAL
7. BEFORE ORDERING DELIVERY OF A.C. PAVEMENT, CONFIRM BY SURVEY THAT THE FINISH SURFACE OF THE BASE COURSE FOR PAVEMENTS AND FOR PAVEMENT-RELATED STRUCTURES SHALL NOT VARY MORE THAN 1/2 INCH (0.04 FOOT) FROM THE DESIGN ELEVATION, SLOPE AND CROSS-SECTION, ESTABLISHED WITH DUE ALLOWANCE FOR THICKNESS OF SURFACING. VARIATIONS WITHIN THE SPECIFIED TOLERANCE SHALL BE COMPENSATING SUCH THAT THE AVERAGE ELEVATION, SLOPE, AND CROSS-SECTION CONFORM TO THOSE SPECIFIED PER PLAN.
8. AFTER CONSTRUCTION OF A.C. PAVEMENT AND APPURTENANT CONCRETE FEATURES BUT BEFORE SEAL COATING AND PAINTING STRIPING AND MARKINGS, CONDUCT A FLOOD TEST TO REVIEW SURFACE DRAINAGE, AS FOLLOWS:
   - SUPPLY AND DISCHARGE WATER IN SUFFICIENT QUANTITY TO COMPLETELY WET AND COVER ALL A.C. PAVEMENT AND CONCRETE GUTTER AREAS AND ALLOW TO DRAIN/DRY FOR ONE HOUR AT 70° F OR WARMER. MARK THE OUTLINE LIMITS OF RESIDUAL STANDING WATER DEEP ENOUGH TO COVER A 5 CENT PIECE, OR DEEPER.
   - REMOVE AND REPLACE A.C. PAVEMENT AND CONCRETE GUTTER IMPROVEMENTS AT NO ADDITIONAL COST TO THE OWNER, AS NECESSARY TO PROVIDE POSITIVE SURFACE DRAINAGE AND TO PREVENT PONDING OF WATER ON PAVEMENT SURFACES AND IN GUTTERS. SUBSTITUTION OF ASPHALT CONCRETE SKIN PATCH IN LIEU OF REMOVAL AND REPLACEMENT OF PAVEMENT SHALL BE AT SOLE DISCRETION OF THE OWNER.
   - CONDUCT ADDITIONAL FLOOD TESTING TO CONFIRM SUCCESS OF CORRECTIVE MEASURES.

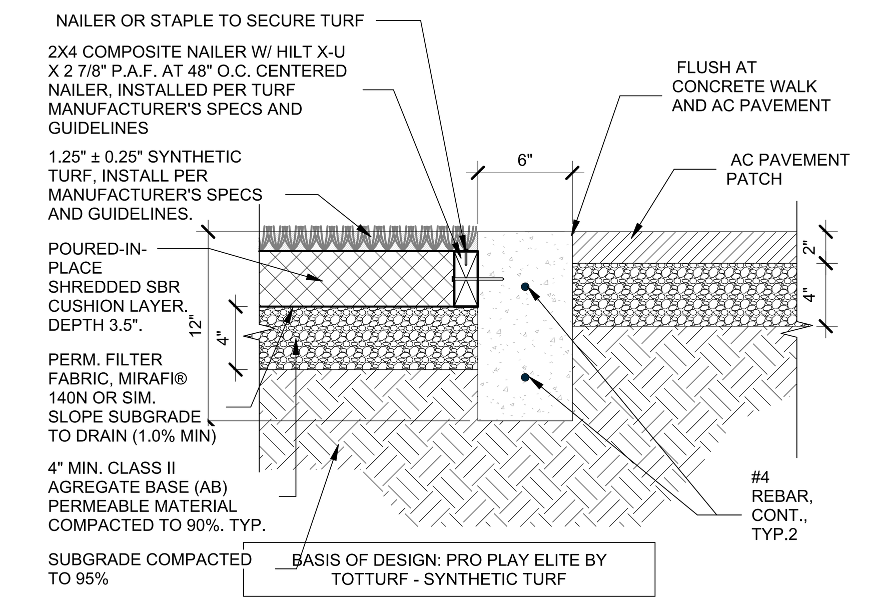
K. **SUBMITTALS:**

1. PROVIDE SUBMITTALS DEMONSTRATING CONFORMANCE OF MATERIALS PROPOSED FOR USE IN THE PROJECT WITH REQUIREMENTS SPECIFIED HEREIN OR ON THE PLAN, AS FOLLOWS:
   - AGGREGATE BASE
   - A.C. PAVEMENT MIX
   - CONCRETE MIX
   - REBAR
   - SITE UTILITIES

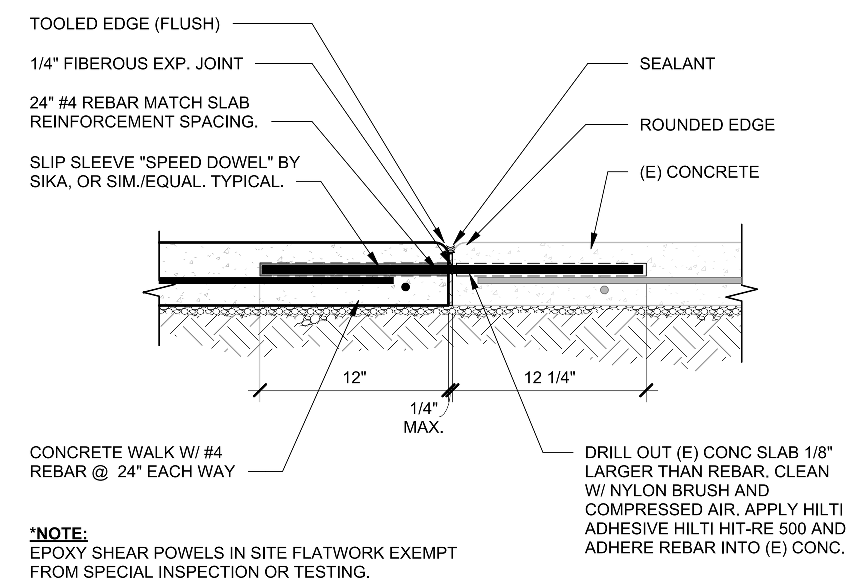
GENERAL CONSTRUCTION NOTES

1. ALL REFERENCED SPECIFICATIONS, CODES, DRAWINGS AND DETAILS SHALL BE INCORPORATED INTO THESE PLANS AND MADE A PART HEREOF AS IF SPELLED OUT OR DELINEATED IN THEIR ENTIRETY HEREON.
2. ALL MATERIALS AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK), 2006 EDITION (PUBLISHED BY BUILDING NEWS, INC., LOS ANGELES), AS MODIFIED BY THE LOCAL AUTHORITY HAVING JURISDICTION STANDARD DETAILS AND THE NOTES LOCATED ON THESE PLANS.
3. ALL MATERIALS AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE LOCAL PUBLIC WORKS DEPARTMENT CONSTRUCTIONS STANDARD DETAILS, LATEST EDITION.
4. GRADING OR OTHER CONSTRUCTION WORK OFFSITE IS NOT PERMITTED WITHOUT PRIOR WRITTEN PERMISSION OF THE AFFECTED OFFSITE PROPERTY OWNERS.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE PROJECT'S CONDITIONS OF APPROVAL AND ABIDE BY THEIR REQUIREMENTS AS APPLICABLE.
6. BEFORE BEGINNING WORK A PRE-CONSTRUCTION MEETING SHALL BE HELD. THE CONTRACTOR SHALL CONTACT THE LOCAL PUBLIC WORKS DEPARTMENT, THE UTILITY COMPANIES, THE GEOTECHNICAL ENGINEER, AND THE ARCHITECT AND SHALL DETERMINE FROM EACH: (1) SCOPE OF WORK TO BE OBSERVED AND BY WHOM, (2) SCOPE OF TESTING, AND (3) ADVANCE NOTICE REQUIRED (MINIMUM OF 48 HOURS). DURING THE COURSE OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR OBSERVATION AND TESTING AS STIPULATED PURSUANT TO ABOVE DETERMINATIONS. WORK NOT OBSERVED AND TESTED WILL BE SUBJECT TO REJECTION.
7. BEFORE BEGINNING WORK, THE CONTRACTOR SHALL DETERMINE OR VERIFY THE LOCATION AND FLOW LINE ELEVATION OF ALL EXISTING WATER, SEWER, AND DRAINAGE STRUCTURES AND/OR CONDUITS TO BE JOINED BY NEW CONSTRUCTION. IF DIFFERENCES ARE OBSERVED THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER BY PHONE AND IN WRITING.
8. PROTECT EXISTING UTILITIES IN PLACE.
9. CONTRACTOR TO REPAIR ALL EXISTING LANDSCAPE AREAS IMPACTED BY PAVING ACTIVITIES. REPAIR TO INCLUDE RE-GRADING TO ENSURE PROPER DRAINAGE, SMOOTHING OF SURFACE, AND RE-SEEDING TO MATCH ADJACENT AREAS.

SITE SPECIFICATIONS | 12" = 1'-0" | 20



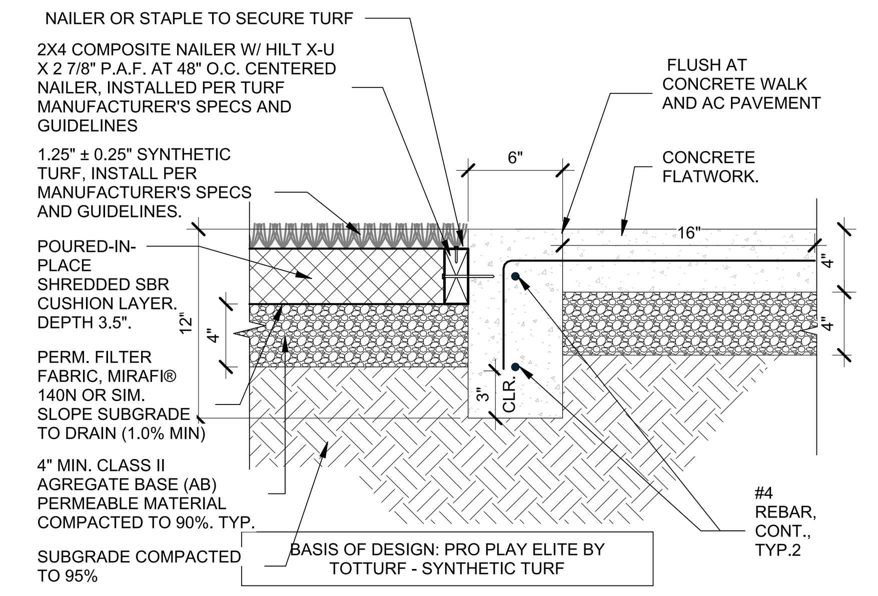
CURB DETAIL @ AC PAVEMENT | 1 1/2" = 1'-0" | 6



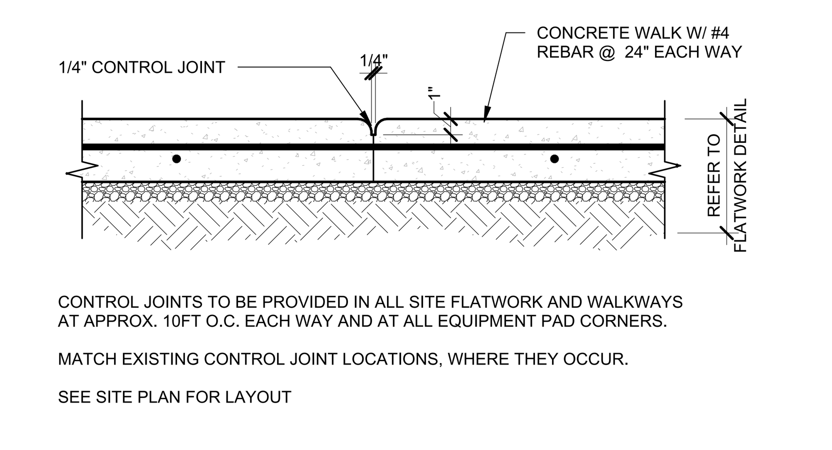
NOTE:
EPOXY SHEAR POWELS IN SITE FLATWORK EXEMPT FROM SPECIAL INSPECTION OR TESTING.

SEE SITE PLAN FOR LAYOUT

CONCRETE JOINT @ (E) CONCRETE | 1 1/2" = 1'-0" | 1



CURB DETAIL @ CONCRETE WALK | 1 1/2" = 1'-0" | 7

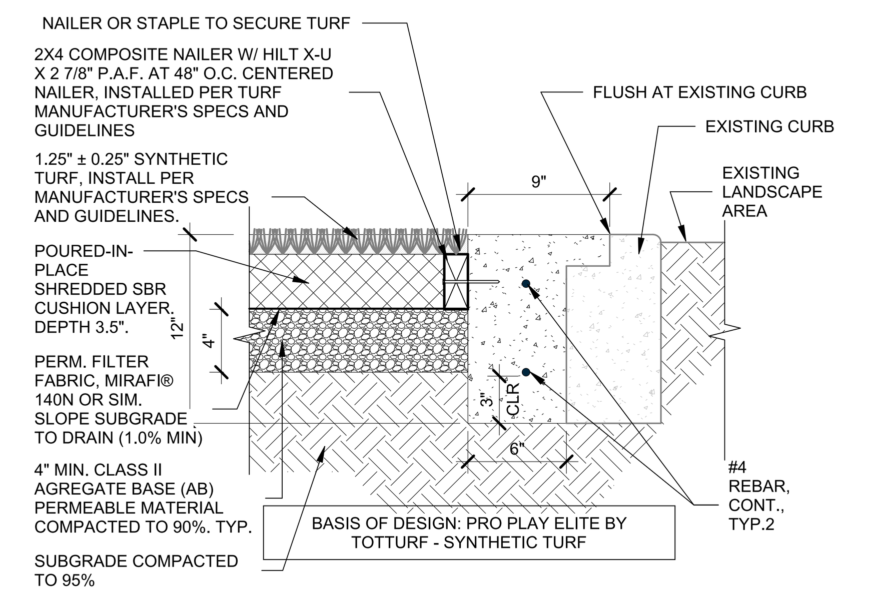


CONTROL JOINTS TO BE PROVIDED IN ALL SITE FLATWORK AND WALKWAYS AT APPROX. 10FT O.C. EACH WAY AND AT ALL EQUIPMENT PAD CORNERS.

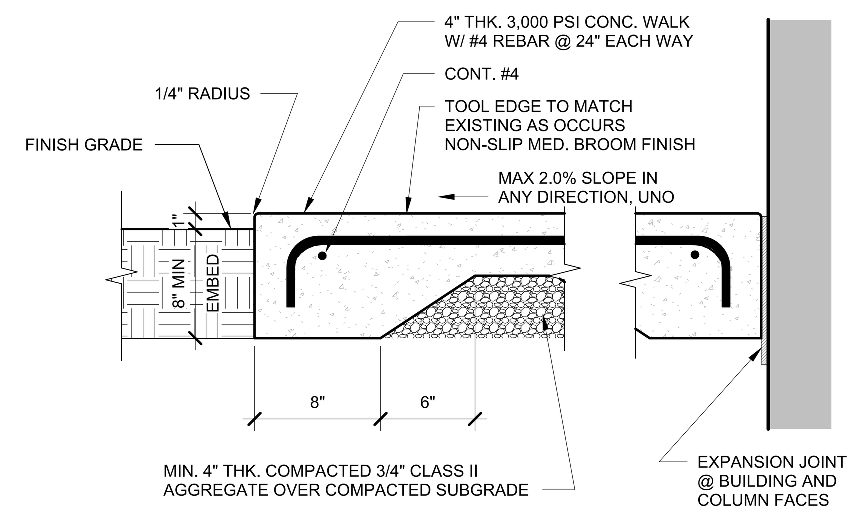
MATCH EXISTING CONTROL JOINT LOCATIONS, WHERE THEY OCCUR.

SEE SITE PLAN FOR LAYOUT

CONCRETE JOINT, TYPICAL | 1 1/2" = 1'-0" | 2

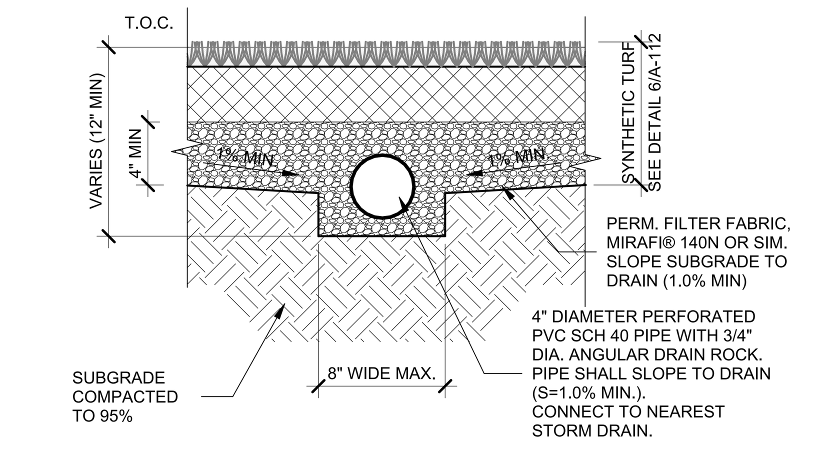


CURB DETAIL @ LANDSCAPING | 1 1/2" = 1'-0" | 8

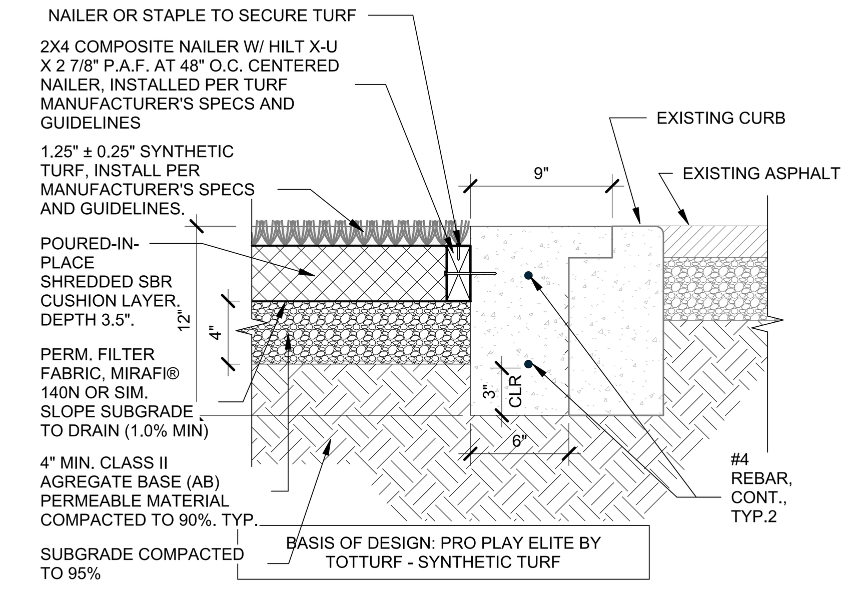


NOTE:
SOIL UNDER NON-STRUCTURAL FLATWORK & REBAR EXEMPT FROM SPECIAL INSPECTION OR TESTING PER DSA 103 APPENDIX.

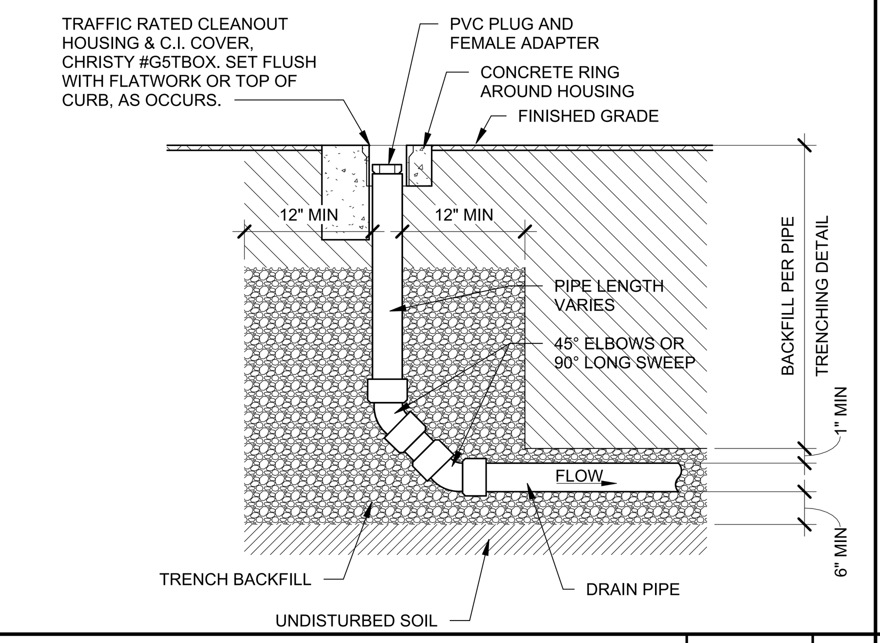
CONCRETE SITE FLATWORK | 1 1/2" = 1'-0" | 3



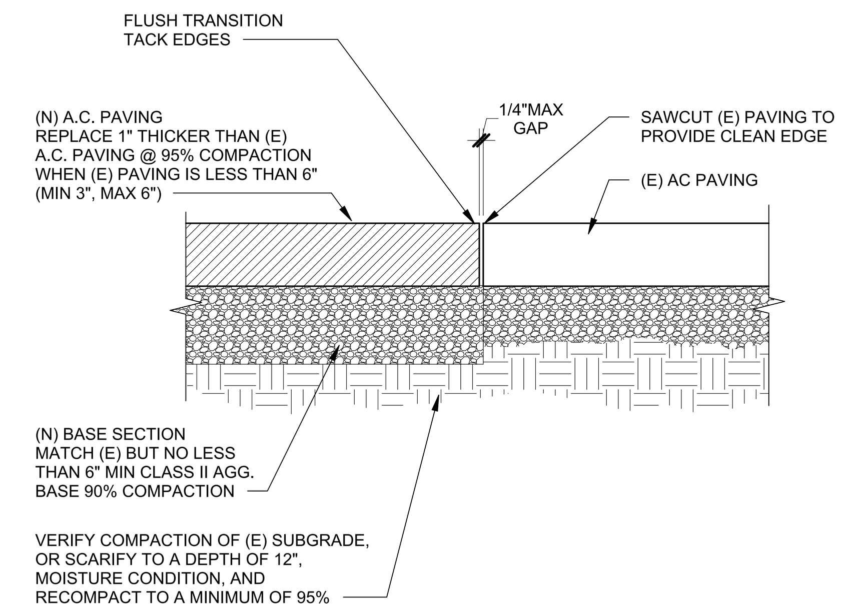
PERF. PIPE AT PLAY BOX | 1 1/2" = 1'-0" | 9



CURB DETAIL@ EXISTING CURB | 1 1/2" = 1'-0" | 4



CLEANOUT | 12" = 1'-0" | 10



(E) A.C. REPLACEMENT | 1 1/2" = 1'-0" | 5

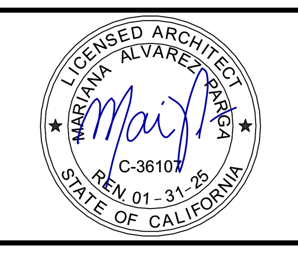
AGENCY APPROVAL DSA#

19·6 ARCHITECTS

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

CONSULTANTS
NONE

PROFESSIONAL STAMP



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 CORDELIA HILLS ES
4770 Canyon Hills Dr, Fairfield, CA 94534

SHEET TITLE
SITE DETAILS

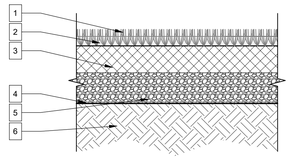
DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.
A-111

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

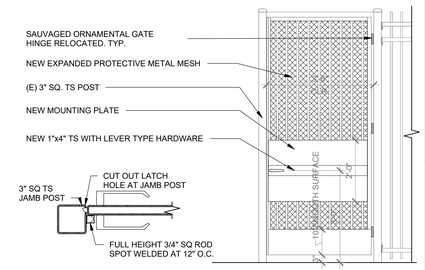
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1	1.25" ± 0.25" SYNTHETIC TURF, INSTALL PER MANUFACTURER'S SPECS AND GUIDELINES.
2	0.5" ± 0.75" SYTHETIC INFILL.
3	POURED-IN-PLACE SHREDDED SBR CUSHION LAYER. DEPTH 3.5".
4	PERMEABLE FILTER FABRIC, MIRAFI® 140N OR SIMILAR.
5	4" MIN. CLASS II AGREGATE 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" **6**



DETAIL 'A'

PUSH SIDE ELEVATION

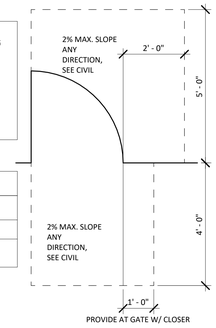
NOTE:
- NOTE THAT ANY CAVITIES CREATED BY ADDING THE KICK PLATE NEED TO BE CAPPED PER 11B-404.2.10.

- ALL GATES AND FENCES TO BE HOT DIPPED GALVENIZED.

- ALL FENCE COMPONENTS TO BE BLACK VINYL COATED

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

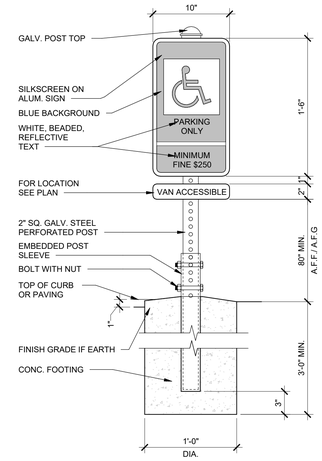
GENERAL NOTE:GATES IN PATH OF TRAVEL MUST COMPLY WITH EXIT DOOR REQUIREMENTS (SECTION 11B-404). PROVIDE LEVER, KICKPLATES, 5lbs PRESSURE TO OPERATE AND STRIKE SIDE CLEARANCE.



21-12-14 - 00004

(N) HARDWARE ON EXISTING GATE 1/2" = 1'-0" **2**

PROTECTIVE METAL MESH 1/2" = 1'-0" **3**



21-12-14 - 00004

ACC. PARKING LOT SIGNAGE 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
NONE

PROFESSIONAL STAMP

LICENSED ARCHITECT MARINA ALVAREZ-PEREZ C-36107 REN 01-31-25 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

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2490 Hilborn Rd.
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PLAYGROUND REPLACEMENT AT CORDELIA HILLS ES

4770 Canyon Hills Dr, Fairfield, CA 94534

SHEET TITLE

SITE DETAILS

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.

A-112

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 4:38:44 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Cordelia Hills_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	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	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" BHCS w/Pin, SST	4
128296	3/8" Hex Jam Nut, SST	12
56257	Base Assembly, Specify Color	1
149172	Seesaw 2-Place Weldment, Specify Color	1
149125	Torsion Half Clamp, Specify Color	1
185471	1" O.D. Spacer, Aluminum	4
156370	Bolt Cover, Tan	4
149277	3/8" D-Cut Flat Washer, SST	8
181001	1.125" O.D. x 5 7/8" 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 5/16 P 5/8 x 1 - 1/2L SST	2
188124	5/8 x 3i Hex Cap	2
100322	1/2" Standard Hex Nut, SST	4
151765	**Seesaw Leg Hardware Packge (DB)**	1
100216	1/2" x 1 1/2" 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 posts	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 1/8" 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

PLAY EQUIPMENT SCHEDULE | N.T.S | 25

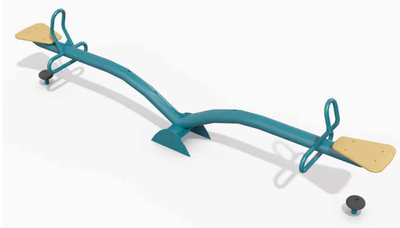
MAIN PLAY STRUCTURE



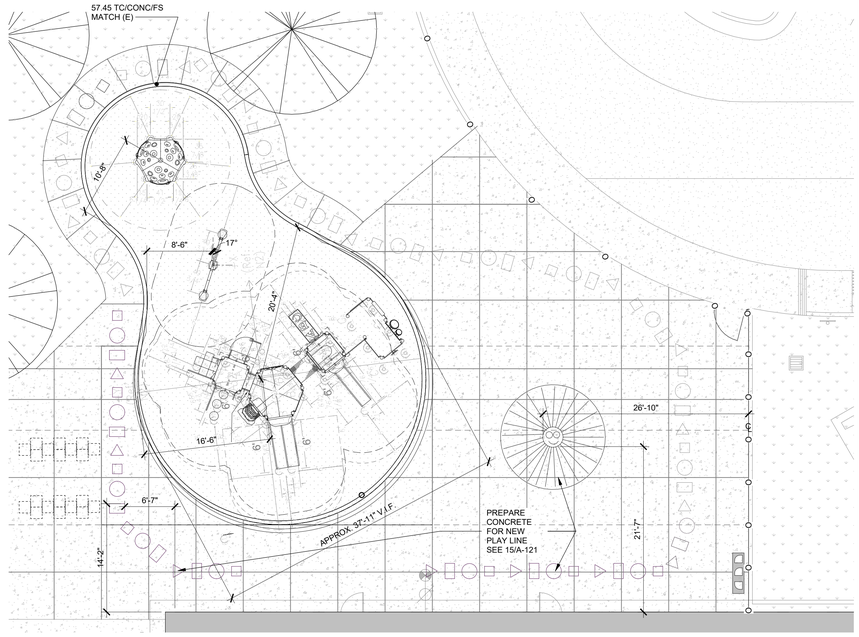
CLIMBING DOME



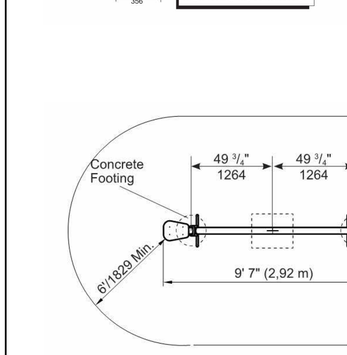
2 SEATS - SEESAW

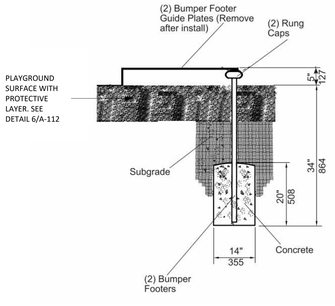


3D DRAWING PLAYGROUND 1 | N.T.S. | 12



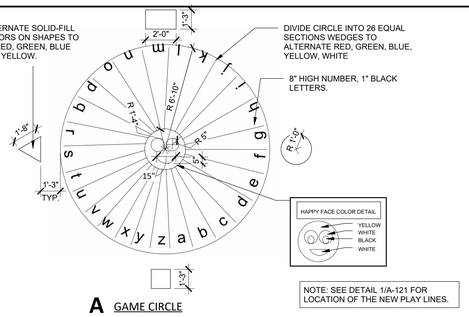
PLAY EQUIPMENT - FOOTING LAYOUT & HORIZONTAL CONTROL | 1/8" = 1'-0" | 1



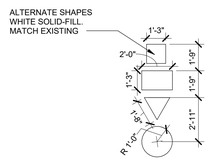


Mnimum Use Zone

SEESAW BASE ASSEMBLY & FOOTING LAYOUT | 3/16" = 1'-0" | 14



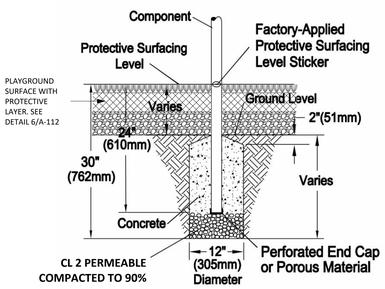
A GAME CIRCLE



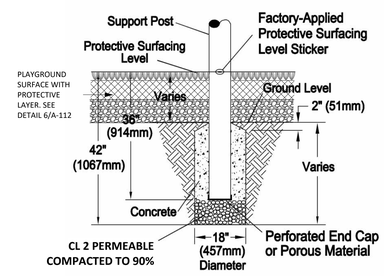
B SHAPES

NOTE: REPAINT EXISTING SHAPES AND CONTINUE THE SHAPE PATH WITH NEW TO MATCH EXISTING.

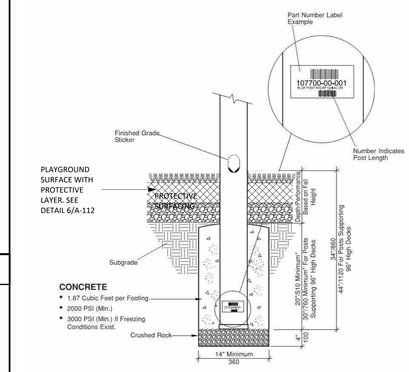
GAME COURT | 1/4" = 1'-0" | 15



COMPONENT FOOTING DETAIL | N.T.S | 8



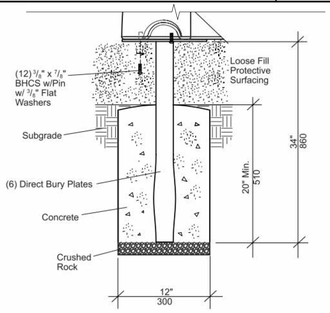
SUPPORT FOOTING DETAIL | N.T.S | 9



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

CONCRETE FOOTINGS 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
NONE

PROFESSIONAL STAMP

LICENSED ARCHITECT MARIANA ALVAREZ-VARGAS 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 CORDELIA HILLS ES
4770 Canyon Hills Dr, Fairfield, CA 94534

SHEET TITLE
KINDER PLAYGROUND DETAILS

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.
A-121

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

DATE PLOTTED: 2/9/2023 4:38:48 PM FILE LOCATION: C:\Users\dvargas\Documents\22162.01_ Multi-site New Playground Installation_Cordelia Hills_A22_dvargasTH8BX.rvt

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

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

PLAY EQUIPMENT 2 SCHEDULE N.T.S. **24**

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)
6"/8" RISE NICHOLAS
(6.P.1) QTY. (1)

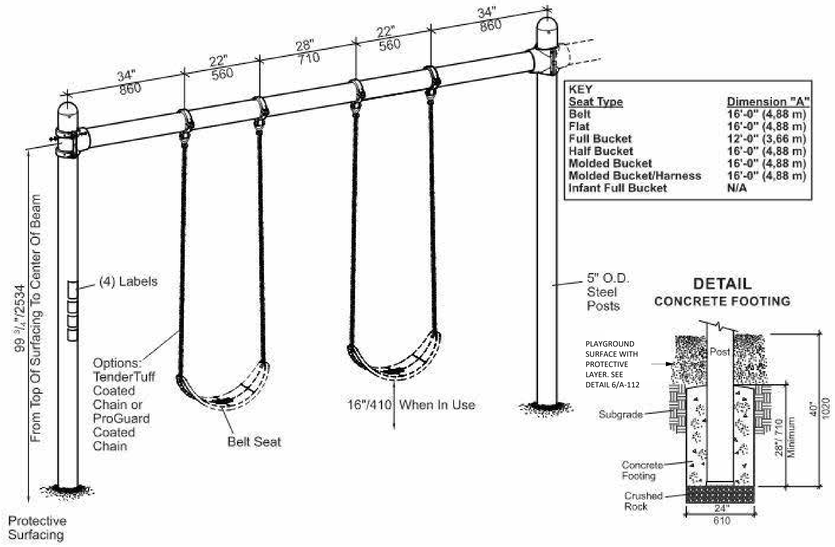
N.	I.D.	X (ft-in)	Y (ft-in)	Dist. to O	DIA (in)
1	A1	3'-6 1/2"	-3E'-6"	3E'-7 1/2"	24
2	A2	-4'-11 1/2"	-3E'-6"	3E'-6"	24
3	A3	15'-2 1/2"	-3E'-6"	41'-4 1/2"	24
4	A4	-15'-8 1/2"	-3E'-6"	42'-3"	24
5	B1	0"	0"	0"	14
6	B2	0"	-3'-6"	3'-6"	14
7	B3	-3'-4"	3"	5'-10 1/2"	14
8	B4	-4'-3 1/2"	-5'-11 1/2"	8'-5 1/2"	14
9	B5	-4'-3 1/2"	8'-10 1/2"	8"	14
10	B6	-5'-11 1/2"	-3'-11 1/2"	8'-5 1/2"	14
11	B7	-8'-4 1/2"	3"	8'-4 1/2"	14
12	B8	-1'-3 1/2"	8'-6 1/2"	8'-7 1/2"	14
13	B9	-7'-5"	9'-6 1/2"	8'-10"	14
14	B10	2'-3 1/2"	8'-6 1/2"	8'-10"	14
15	B11	10'-0"	0"	10'-0"	14
16	B12	-10'-3 1/2"	3'-3 1/2"	10'-9 1/2"	14
17	B13	5'-2 1/2"	-8'-3 1/2"	10'-4 1/2"	14
18	B14	10'-0"	-3'-6"	10'-10"	14
19	B15	-9'-5 1/2"	-5'-11 1/2"	11'-3 1/2"	14
20	B16	-5'-11 1/2"	8'-10"	11'-5"	14
21	B17	8 1/2"	11'-7"	11'-7"	14
22	B18	-11'-7"	-1'-6"	11'-8"	14
23	B19	-2'-11 1/2"	11'-7"	11'-11 1/2"	14
24	B20	-9"	8'-1"	8'-1"	14
25	B21	-2'-3 1/2"	-12'-11 1/2"	13'-3 1/2"	14
26	B22	-8'-3 1/2"	-8'-3 1/2"	13'-5"	14
27	B23	-12'-0 1/2"	6'-4"	13'-7"	14
28	B24	-12'-8"	-4'-6 1/2"	13'-11 1/2"	14
29	B25	5'-2 1/2"	-12'-11 1/2"	13'-11 1/2"	14
30	B26	-5'-11 1/2"	-12'-11 1/2"	14'-3 1/2"	14
31	B27	-10'-3 1/2"	10'-4"	14'-7"	14
32	B28	-13'-4"	8'-7"	15'-10 1/2"	14
33	B29	-8'-3 1/2"	-12'-11 1/2"	15'-11"	14
34	B30	-13'-4"	10'-1"	16"	14
35	B31	-16'-8 1/2"	10'-5 1/2"	19'-4 1/2"	14
36	C1	-7"	4"	4'-0 1/2"	12
37	C2	-5'-2 1/2"	-8'-8 1/2"	10'-2"	12
38	C3	-6'-8 1/2"	-8'-8 1/2"	11"	12
39	C4	-5'-2 1/2"	-10'-2 1/2"	11'-4"	12
40	C5	-6'-8 1/2"	-10'-2 1/2"	12'-3"	12
41	C6	5'-11"	-11'-2 1/2"	12'-8 1/2"	12
42	C7	5'-5 1/2"	11'-4"	12'-11 1/2"	12
43	C8	5"	-12'-11 1/2"	13"	12
44	C9	-10 1/2"	-12'-11 1/2"	13"	12
45	C10	2'-4"	-12'-11 1/2"	13'-3"	12
46	C11	2'-7 1/2"	-12'-11 1/2"	13'-3 1/2"	12
47	C12	11'-3"	-8'-11 1/2"	15'-0 1/2"	12
48	C13	11'-8"	10'-3"	15'-4 1/2"	12
49	C14	12"	11'-2"	16'-5"	12
50	C15	-11'-4"	12'-0 1/2"	16'-4 1/2"	12
51	C16	14'-7"	-8'-2 1/2"	16'-8"	12
52	C17	-16'-10 1/2"	6 1/2"	16'-10 1/2"	12
53	C18	-9'-2 1/2"	14'-2"	16'-11"	12
54	C19	-10'-8 1/2"	13'-8 1/2"	17'-3"	12
55	C20	-17'-8 1/2"	2"	17'-8 1/2"	12
56	C21	-20'-8 1/2"	30'-5 1/2"	35'-11"	12
57	D1	-16'-1"	12'-4 1/2"	20'-4 1/2"	8
58	D2	-17'-8"	12'-4 1/2"	21'-7"	8
59	E1	16'-8 1/2"	0"	16'-8 1/2"	REF PT.
60	E2	0"	18'-1"	18'-1"	REF PT.
61	E3	0"	-19'-1"	19'-1"	REF PT.
62	E4	18'-4"	7'-3 1/2"	19'-8 1/2"	REF PT.
63	E5	21'-4 1/2"	-8'-10"	22'-5 1/2"	REF PT.
64	E6	-24'-3"	-1'-8 1/2"	24'-3"	REF PT.
65	E7	-24'-10 1/2"	0"	24'-10 1/2"	REF PT.

HORIZONTAL CONTROL - PLAY EQUIPMENT PARTS 1/8" = 1'-0" **12**

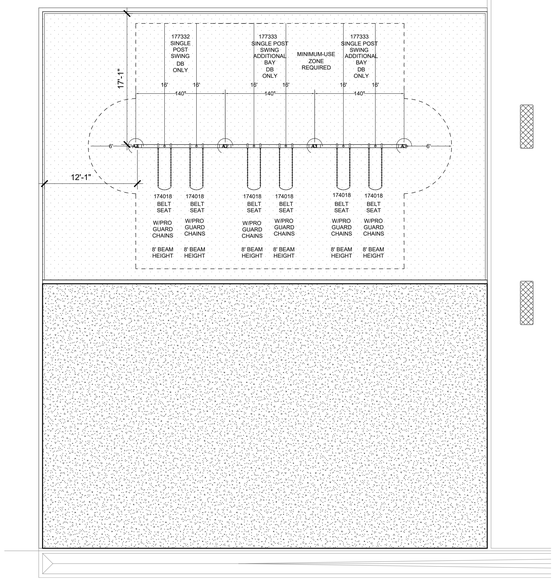




3D DRAWING - PLAY EQUIPMENT N.T.S. **1**



SWING - LAYOUT & FOOTING DETAIL 1 1/2" = 1'-0" **14**



SWING - HORIZONTAL CONTROL & FOOTING LAYOUT 1/8" = 1'-0" **4**

AGENCY APPROVAL DSA#

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

CONSULTANTS
NONE

PROFESSIONAL STAMP
LICENSED ARCHITECT ARIANA ALVAREZ C-36107 REN 01-31-25 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE
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2490 Hilborn Rd.
Fairfield, CA 94534

PLAYGROUND REPLACEMENT AT CORDELIA HILLS ES
4770 Canyon Hills Dr, Fairfield, CA 94534

SHEET TITLE
ELEMENTARY PLAYGROUND DETAILS

DRAWN BY: XX JOB NUMBER: 22162

SHEET NO.
A-122

DATE: FEBRUARY 9, 2023

CONSTRUCTION DOCUMENTS

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