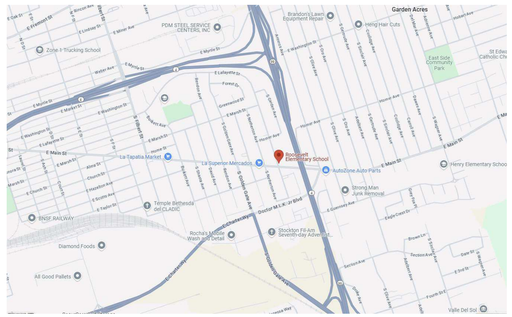
ROOSEVELT ELEMENTARY SCHOOL

776 S. BROADWAY AVE., STOCKTON, CA 95205

STOCKTON UNIFIED SCHOOL DISTRICT

LCAP PreK PLAYGROUND PROJECT



VICINITY MAP
N.T.S.

APPLICABLE CODES [Effective July 1, 2024 (u.o.n.)]:

TITLE 19, C.C.R. PUBLIC SAFETY DIVISION 1, STATE FIRE MARSHAL REGULATIONS
TITLE 24, C.C.R. PART 1, 2022 BUILDING STANDARDS ADMINISTRATIVE CODE
TITLE 24, C.C.R. PART 2, 2022 CALIFORNIA BUILDING CODE, VOL. 1 & 2
TITLE 24, C.C.R. PART 3, 2022 CALIFORNIA ELECTRICAL CODE
TITLE 24, C.C.R. PART 4, 2022 CALIFORNIA MECHANICAL CODE
TITLE 24, C.C.R. PART 5, 2022 CALIFORNIA PLUMBING CODE
TITLE 24, C.C.R. PART 6, 2022 CALIFORNIA ENERGY CODE
TITLE 24, C.C.R. PART 9, 2022 CALIFORNIA FIRE CODE
TITLE 24, C.C.R. PART 10, 2022 CALIFORNIA EXISTING BUILDING CODE
TITLE 24, C.C.R. PART 11, 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
TITLE 24, C.C.R. PART 12, 2022 CALIFORNIA REFERENCE STANDARDS
(SEE 2022 CBC CHAPTER 35 FOR REFERENCED STANDARDS CURRENTLY IN AFFECT)
2022 CALIFORNIA BUILDING CODE VALUATION THRESHOLD: $195,358
2022 NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)
2022 NFPA 24, PRIVATE FIRE MAINS
2022 NFPA 72, NATIONAL FIRE ALARM CODE

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

INSPECTOR CLASSIFICATION:

CLASS 3A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. A MINIMUM CLASS 3 INSPECTOR IS REQUIRED.

DEFERRED APPROVALS:

NONE

DSA PROJECT TRACKING NUMBER: 68676-374
FILE NUMBER: 39-69
APPLICATION NUMBER: 02-123177

SCOPE OF WORK

PLAY APPARATUS FOR AGES 2-12 TO BE INSTALLED OVER RECESSED RUBBER TILE FALL PROTECTION.

(N) 30'X40' SHADE STRUCTURE TO BE INSTALLED OVER PLAY APPARATUS

AT AREA INCORPORATED WITH PLAY APPRATUS, UPDATE ASPHALT PAVING AND REPAINT PLAYGROUND GRAPHICS AS NEEDED UPGRADES TO THE PATH OF TRAVEL TO THE PLAY AREA, AND NEW PEDESTRIAN GATES.

EXEMPTIONS

- PLAYGROUND EQUIPMENT IS NOT PART OF DSA/SSS REVIEW AS PER DSA IR A-22
- FENCING IS NOT PART OF DSA/SSS REVIEW AS PER DSA IR A-22
- CONCRETE BATCH PLANT INSPECTION IS NOT REQUIRED. REFER TO DSA 103-22 IN THE PROJECT MANUAL.
- EPOXY SHEAR DOWELS IN SITE FLAT WORK IS EXEMPT FROM STRUCTURAL TESTS & SPECIAL INSPECTIONS REFER TO DSA 103-22 IN THE PROJECT MANUAL.

FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION:

- ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND CFC, DSA BU 24-05, AND THE WRITTEN SITE SAFETY PLAN.

ARCHITECHNICA

OWNER

STOCKTON UNIFIED SCHOOL DISTRICT
56 South Lincoln Street
Stockton, CA 95203

DISTRICT SUPERINTENDENT:
Michelle Rodriguez
P: (209) 933-7070
E: mlrodriguez@stocktonusd.net

DISTRICT DIRECTOR OF M&O:
Vickie Brum
P: (209) 933-7045
E: vbrum@stocktonusd.net

CIVIL ENGINEER

MID VALLEY ENGINEERING, INC.
1117 L. Street
Modesto, CA 95354
P: (866) 526-4214
E: dmartis@mve.net

DESIGN TEAM:
Derek A. Martis - Senior Civil Engineer

ARCHITECT

ARCHITECHNICA
555 W. Benjamin Holt Drive, Suite 423
Stockton, CA 95207
P: (209) 952-5850
F: (209) 952-2442
E: tim@architechnica.net
www.architechnica.net

DESIGN TEAM:
Bob Machado, AIA - Principal Architect
Tim Dearborn, AIA - Principal Architect
Heidi Van Dyk, AIA - Project Architect
Haya Dajani - Designer

ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

CHANGES TO THE 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, TITLE 24, CCR.

A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.

A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

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, CCR. 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, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR).

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

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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-123177 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/03/2025

ARCHITECHNICA
555 West Benjamin Holt Drive, Suite 423
Stockton, California 95207
P: (209) 952-5850
F: (209) 952-2442
E: hello@architechnica.net

www.architechnica.net

LICENSED ARCHITECT · TIMOTHY L. DEARBORN · C-25928 · RENEWAL 12 / 2025 · STATE OF CALIFORNIA

CONSULTANT

LCAP PreK PLAYGROUND PROJECT - ROOSEVELT ES

776 S. BROADWAY AVE.
STOCKTON, CA 95205

STOCKTON UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2024-06 - ROOSEVELT
ISSUE SET: CD
ISSUE DATE: 02/19/2025
DRAWN BY: HD

COVER SHEET

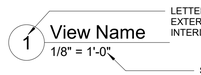
G0.0

SYMBOLS LEGEND

BUILDING SECTION

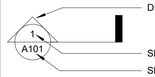
DIRECTION OF VIEW
SECTION LETTER/NUMBER
SHEET ON WHICH SECTION IS DRAWN

DRAWING TITLE



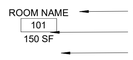
LETTER/NUMBER OF PLAN, SECTION, EXTERIOR ELEVATION, GROUP OF INTERIOR ELEVATIONS
SCALE

WALL SECTION



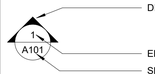
DIRECTION OF VIEW
SECTION LETTER/NUMBER
SHEET ON WHICH SECTION IS DRAWN

ROOM NUMBER



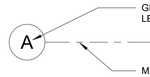
ROOM NAME
ROOM NUMBER
ROOM AREA

EXTERIOR ELEVATION MARK



DIRECTION OF VIEW
ELEVATION LETTER/NUMBER
SHEET ON WHICH ELEVATION IS DRAWN

GRID LINES



GRID LETTER/NUMBER
MAJOR DIMENSION POINT

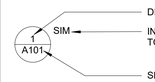
INTERIOR ELEVATION MARK

ELEVATION LETTER/NUMBER
DIRECTION OF VIEW
SHEET ON WHICH ELEVATION(S) IS DRAWN

TAGS

A	WINDOW / STOREFRONT MARK - SEE WINDOW SCHEDULE
101	DOOR NUMBER - SEE DOOR SCHEDULE
01	CABINET MARK - SEE MILLWORK SCHEDULE
A	TOILET RM ACCESSORY MARK - SEE ACCESSORY SCHEDULE
A	EQUIPMENT MARK - SEE EQUIPMENT SCHEDULE
MTRL	MATERIAL / FINISH MARK - SEE FINISH SCHEDULE
KEYNOTE ID	ID NOTE - SEE INDIVIDUAL SHEETS FOR DESCRIPTION

DETAIL MARK



DETAIL LETTER/NUMBER
INDICATES SIMILAR CONDITION TO REFERENCED DETAIL
SHEET ON WHICH DETAIL IS DRAWN

PROJECT NORTH
TRUE NORTH (COMPASS NORTH)

STATEMENT OF GENERAL CONFORMANCE

(APPLICATION NO. 02-123177 FILE NO. 39-69)

[X] THE DRAWINGS OR SHEETS LISTED ON THE SHEET INDEX

[ ] THIS DRAWING, PAGE OF SPECIFICATIONS / CALCULATIONS

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 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 THE EDUCATION CODE AND SECTIONS 4-336, 4-341, AND 4-344 OF TITLE 24, PART 1. (TITLE 24, PART 1, SECTION 4-317[b])

Signature — 2/19/2025 Date

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

TIMOTHY DEARBORN, AIA
Print Name

C-25928 — License Number
12 / 2025 — Expiration Date

DESIGN DATA

FOR USE BY THE DIVISION OF THE STATE ARCHITECT

DESIGN CRITERIA
ASCE 7-16
SNOW = 0 PSF
FLOOD ZONE = X

WIND
EXPOSURE CATEGORY = C
RISK CATEGORY = II
V = 93 MPH
Vasd = 72 MPH

SEISMIC
RISK CATEGORY = II
SITE CLASS = D (DEFAULT)
S_S = 0.688
S_1 = 0.273
S_{DS} = 0.573
S_{D1} = N/A
I_e = 1
SDC = D

SOIL BEARING CAPACITY: 1,500 PSF PER CBC TABLE 1806A.2

CLIMATE ZONE: 12

S3 - (N) 30' X 40' PC (DSA# 02-120923) FABRIC SHADE STRUCTURE

OCCUPANCY GROUP	E
CONSTRUCTION TYPE	IIB
FIRST FLOOR AREA	1,200 SF
TOTAL AREA	1,200 SF

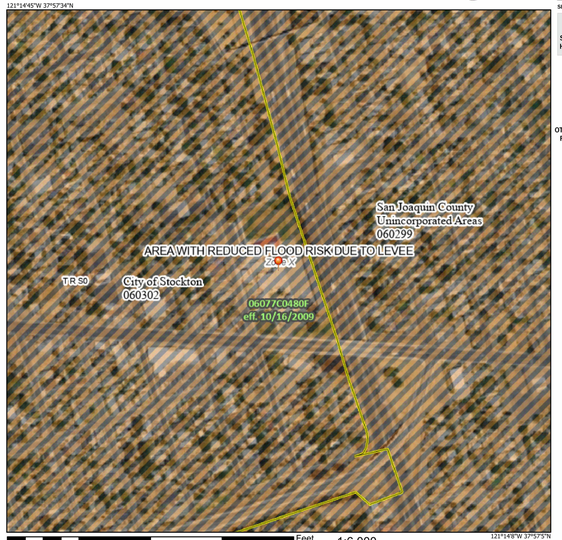
SHEET INDEX

SHEET COUNT: 25

National Flood Hazard Layer FIRMette

FEMA

121°14'45"W 37°5'34"N



121°13'8"W 37°5'3"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS: Without Base Flood Elevation (BFE) Zone A, V, A99; With BFE or Depth Zone AE, AO, AH, VE, AR; Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD: 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X; Future Conditions 1% Annual Chance Flood Hazard Zone X; Area with Reduced Flood Risk due to Levee. See Notes. Zone X; Area with Flood Risk due to Levee Zone D
- OTHER AREAS: NO SCREEN Area of Minimal Flood Hazard Zone X; Effective LOMRs; Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES: Channel, Culvert, or Storm Sewer; Levee, Dike, or Floodwall
- OTHER FEATURES: 20.2 Cross Sections with 1% Annual Chance; 17.5 Water Surface Elevation; Coastal Transect; Base Flood Elevation Line (BFE); Limit of Study; Jurisdiction Boundary; Coastal Transect Baseline; Profile Baseline; Hydrographic Feature
- MAP PANELS: Digital Data Available; No Digital Data Available; Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/10/2025 at 11:18 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

ARCHITECTURAL ABBREVIATIONS

	@	AT	[B]	BEL	BELOW	[D]	DF	DRINKING FOUNTAIN	[E]	EX	EXISTING	[F]	FOF	FACE OF FINISH	[H]	HT	HEIGHT	[L]	LAM	LAMINATE	[M]	MTFR	METAL FURRING	[P]			[P]	PTDF	PRESSURE TREATED DOUGLAS FIR	[R]	RWD	REDWOOD	[S]	SYS	SYSTEM	[V]	VFTW	VINYL FABRIC TACK WALL
	#	NUMBER	[B]	BETW	BETWEEN	[D]	DIA	DIAMETER	[E]	EXC	EXCAVATE	[F]	FOS	FACE OF STUDS OR SHEATHING	[H]	HTG	HEATING	[L]	LAV	LAVATORY	[M]	MTHR	METAL THRESHOLD	[P]	PAR	PARALLEL				[R]	RWL	RAIN WATER LEADER	[T]			[V]	VG	VERTICAL GRAIN
	°	DEGREE(S)		N		[D]	DH	DOUBLE HUNG	[E]	EXH	EXHAUST				[H]	HVAC	HEATING, VENTILATING & AIR-CONDITION	[L]	LBL	LABEL	[M]	MTL	MATERIAL, METAL	[P]	PB	PANIC BAR	[P]	PTN	PARTITION	[R]	RR	RESTROOM	[T]	TOC	TOP OF CONCRETE	[V]	VGDF	VERTICAL GRAIN DOUGLAS FIR
	Ø	DIAMETER	[B]	BIT	BITUMINOUS	[D]	DIAG	DIAGONAL	[E]	EXIST G	EXISTING							[L]	LH	LEFT HAND	[M]	MULL	MULLION	[P]	PBD	PARTICLE BOARD	[P]	PVC	POLY VINYL CHLORIDE	[S]			[T]	TOP	TOP OF PAVING			
			[B]	BJT	BEDJOINT	[D]	DIM	DIMENSION										[L]	LL	LIVE LOAD	[M]	MWK	MILLWORK	[P]	PCF	POUNDS PER CUBIC FOOT	[P]	PVMT	PAVEMENT	[S]	S	SOUTH	[T]	TP	TOILET PARTITION	[V]	VT	VINYL TILE
[A]			[B]	BLDG	BUILDING	[D]	DIV	DIVISION	[E]	EXP	EXPOSED	[F]			[H]	HW	HOT WATER	[L]	LPT	LOW POINT	[M]						[Q]			[S]	SC	SOLID CORE	[T]	T&G	TOUNGUE AND GROOVE	[W]		
[A]	AB	ANCHOR BOLT	[B]	BLK	BLOCK	[D]	DL	DEAD LOAD	[E]	EXT	EXTERIOR	[F]			[I]			[L]	LT	LIGHT	[N]	N	NORTH	[P]	PED	PEDESTAL	[Q]	QT	QUART	[S]	SCHE D	SCHEDULE				[W]	W	WEST
[A]	APPROX	APPROXIMATE	[B]	BLKG	BLOCKING	[D]	DP	DAMP-PROOFING				[F]	FA	FIRE ALARM	[I]	INCIN	INCINERATOR	[L]	LTWT	LIGHT WEIGHT	[N]	NAT	NATURAL	[P]	PERF	PERFORMANCE	[Q]	QUAN	QUANTITY	[S]	SD	STORM DRAIN	[T]	TEL	TELEPHONE	[W]	WAINS	WAINSCOT
			[B]	BM	BENCH MARK	[D]	DR	DOOR	[E]	EXTR	EXTRUSION	[F]	FASTN	FASTEN(ER)	[I]	INCL	INCLUDE	[L]	LTL	LINTEL	[N]	NIC	NOT IN CONTRACT	[P]	PHWS	PHILIPS HEAD WOOD SCREW				[S]	SECT	SECTION	[T]	TER	TERMINAL	[W]	WC	WATER CLOSET
[A]	AP	ACCESS PANEL	[B]	BOT	BOTTOM	[D]	DS	DOWNSPOUT				[F]	FBD	FIBERBOARD	[I]	INSUL	INSULATE, INSULATION	[L]	LVR	LOUVER	[N]	NL	NAILABLE				[R]	RA	RETURN AIR	[S]	SER	SERVICE	[T]	THK	THICK(NESS)	[W]	WD	WOOD
[A]	ANOD	ANODIZE	[B]	BRG	BEARING	[D]	DTL	DETAIL				[F]	FD	FLOOR DRAIN							[N]	NO	NUMBER	[P]	PL	PROPERTY LINE, PLATE	[R]	RAD	RADIUS	[S]	SH	SHELF	[T]	THRES	THRESHOLD	[W]	WF	WIDE FLANGE
[A]	ALUM	ALUMINUM	[B]	BRK	BRICK	[D]	DW	DUMPWATER				[F]	FE	FIRE EXTINGUISHER	[G]	GI	GALVANIZED IRON	[I]	INT	INTERIOR	[M]	MAX	MAXIMUM				[R]	RCF	REINFORCED CONCRETE FOOTING	[S]	SHT	SHEET	[T]	TKBD	TACKBOARD	[W]	WGLS	WIRE GLASS
[A]	AGG	AGGREGATE	[B]	BRZ	BRONZE	[D]	DWG	DRAWING				[F]	FEC	FIRE EXTINGUISHER CABINET	[G]	GKT	GASKET	[I]	INTM	INTERMEDIATE	[M]	MB	MACHINE BOLT							[S]	SHTG	SHEATHING	[T]	TOPO	TOPOGRAPHICAL	[W]	WH	WALL HUNG, WATER HEATER
[A]	AFF	ABOVE FINISH FLOOR	[B]	BSMT	BASEMENT	[E]									[G]	GL	GLASS	[I]	INV	INVERT	[M]	MBR	MEMBER	[N]	NTS	NOT TO SCALE				[S]	SIM	SIMILAR	[T]	TRANS	TRANSOM			
[A]	ADJT	ADJUSTABLE	[B]	BUR	BUILT-UP-ROOF	[E]	E	EXISTING				[F]	FFL	FINISH FLOOR LINE	[G]	GRD	GRADE, GRADING	[I]	IP	IRON PIPE	[M]	MC	MEDICINE CABINET	[O]			[R]	RD	ROOF DRAIN	[S]	SPEC	SPECIFICATION	[T]	TYP	TYPICAL	[W]	W	WITH
[A]	ADJ	ADJACENT	[B]	BVL	BEVELED	[E]	E	EAST				[F]	FGL	FIBERGLASS	[G]	GRND	GROUND	[J]			[M]	MDO	MEDIUM DENSITY OVERLAY	[O]	OC	ON CENTER	[R]	REF	REFERENCE	[S]	SPKR	SPEAKER	[T]	TP	TOP OF	[W]	WI	WROUGHT IRON
[A]	ADH	ADHESIVE	[B]	BD	BOARD	[E]	EA	EACH				[F]	FHMS	FLAT HEAD MACHINE SCREW	[G]	GVL	GRAVEL	[J]	JAN	JANITOR				[O]	OBS	OBSCURE	[R]	REFG	REFRIGERATOR	[S]	SQ	SQUARE	[U]	UC	UNDERCUT	[W]	WIN	WINDOW
[A]	AD	AREA DRAIN	[C]			[E]	EF	EACH FACE							[G]	GYPB D	GYPSUM BOARD	[J]	JST	JOIST	[M]	MECH	MECHANICAL	[O]	OD	OUTSIDE DIAMETER	[R]	REG	REGISTER	[S]	SS	SERVICE SINK	[U]	UNFIN	UNFINISHED	[W]	WO	WITHOUT
[A]	ACT	ACOUSTIC CEILING TILE	[C]	CAB	CABINET	[E]	EJT	EXPANSION JOINT				[F]	FHSTS	FLAT HEAD SELF-TAPPING SCREW				[J]	JT	JOINT	[M]	MED	MEDIUM	[O]	OH	OVERHEAD	[R]	REINF	REINFORCE	[S]	SST	STAINLESS STEEL	[U]	UR	URINAL	[W]	WP	WEATHER PROOF
			[C]	CAD	CADMIUM	[E]	EL	ELEVATION							[H]			[K]			[M]	MET	METAL	[O]	OHMS	OVAL HEAD MACHINE SCREW	[R]	RET	RETURN	[S]	ST	STEEL	[V]			[W]	WR	WEATHER RESISTANT
[A]	ACC	ACCESS	[C]	CB	CATCH BASIN	[E]	ELEC	ELECTRIC				[F]	FHWS	FLAT HEAD WOOD SCREW	[H]	HB	HOSE BIB	[K]	KCPL	KEEN CEMENT PLASTER	[M]	MFR	MANUFACTURER				[R]	REV	REVISION, REVISE	[S]	STD	STANDARD	[V]	VJ	VERTICAL JOINT			
[A]	AC	AIR CONDITIONING	[C]	CEM	CEMENT	[E]	EMER	EMERGENCY				[F]	FIN	FINISH	[H]	HBD	HARDBOARD				[M]	MH	MANHOLE				[R]	RFG	ROOFING	[S]	STG	SEATING	[V]	VAR	VARNISH	[W]	WT	WEIGHT
[A]	ABV	ABOVE	[C]	CER	CERAMIC	[E]	ENC	ENCLOSURE				[F]	FLG	FLASHING	[H]	HC	HOLLOW CORE	[K]	KIT	KITCHEN	[M]	MIN	MINIMUM	[O]	OHWS	OVAL HEAD WOOD SCREW	[R]	RFL	REFLECTANT(IVE)	[S]	STOR	STORAGE	[V]	VCT	VINYL COMPOSITION TILE	[W]	WWF	WELDED WIRE FABRIC
[A]	ARCH	ARCHITECT(URAL)	[C]	CFL	COUNTERFLASH	[E]	EP	EDGE OF PAVING	[F]	FLOUR	FLOURESCENT	[F]	FLR	FLOOR(ING)	[H]	HDR	HEADER	[K]	KO	KNOCKOUT	[M]	MIR	MIRROR	[O]	OLF	OCCUPANCY LOAD FACTOR	[R]	RH	RIGHT HAND	[S]	STRU CT	STRUCTURAL						
[A]	ASB	ASBESTOS	[C]	CFT	CUBIC FT	[E]	EQ	EQUAL				[F]	FND	FOUNDATION	[H]	HDWD	HARDWOOD	[K]	KPL	KICKPLATE	[M]	MISC	MISCELLANEOUS				[R]	RHWS	ROUND HEAD WOOD SCREW									
[A]	ASPH	ASPHALT	[C]	CHAM	CHAMFER	[E]	EQPT	EQUIPMENT				[F]	FOC	FACE OF CONCRETE	[H]	HDWR	HARDWARE	[L]			[M]	MLD	MOLDING	[O]	OPG	OPENING	[R]	RM	ROOM	[S]	SUSP	SUSPENDED	[V]	VERT	VERTICAL			
[A]	AUTO	AUTOMATIC	[C]	CHBD	CHALKBOARD	[E]	EST	ESTIMATE							[H]	HJT	HEAD JOINT	[L]	LAB	LABORATORY	[M]	MO	MASONRY OPENING	[O]	OPH	OPPOSITE HAND	[R]	RO	ROUGH OPENING	[S]	SYM	SYMBOL	[V]	VF	VINYL FABRIC			
[A]	AVG	AVERAGE	[C]	CHT	CEILING HEIGHT	[E]	EWC	ELECTRIC WATER COOLER							[H]	HOR	HORIZONTAL	[L]	LAD	LADDER	[M]	MOD	MODULE, MODULAR	[O]	OPP	OPPOSITE	[R]	ROW	RIGHT OF WAY	[S]	SYN	SYNTHETIC						
[B]			[C]	CI	CAST IRON	[D]	DA	DOUBLE ACTING													[M]	MT	MOUNT(ED)														
						[D]	DEM	DEMOLITION																														

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-123177 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/03/2025

LICENSED ARCHITECT · TIMOTHY L. DEARBORN · C-25928 · RENEWAL 12 / 2025 · STATE OF CALIFORNIA

CONSULTANT

LCAP PreK PLAYGROUND PROJECT - ROOSEVELT ES

776 S. BROADWAY AVE.
STOCKTON, CA 95205

STOCKTON UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2024-06 - ROOSEVELT
ISSUE SET: CD
ISSUE DATE: 02/19/2025
DRAWN BY: HD

ABBREVIATIONS, DESIGN DATA, SYMBOL LEGEND & SHEET INDEX

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DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

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

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

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

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

PROJECT INFORMATION	
School District/Owner:	Stockton Unified School District
Project Name/School:	LCAP PLAYGROUND PROJECT - ROOSEVELT ELEMENTARY SCHOOL
Project Address:	776 S. BROADWAY AVE., STOCKTON, CA 95205

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

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.			✓	
4a.	**Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.			✓	
5a.	**Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6.	**Fire Hydrants:** Water flow and pressure are less than CFC minimum.			✓	
6a.	**Acceptable Alternate:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			✓	
7a.	**Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates

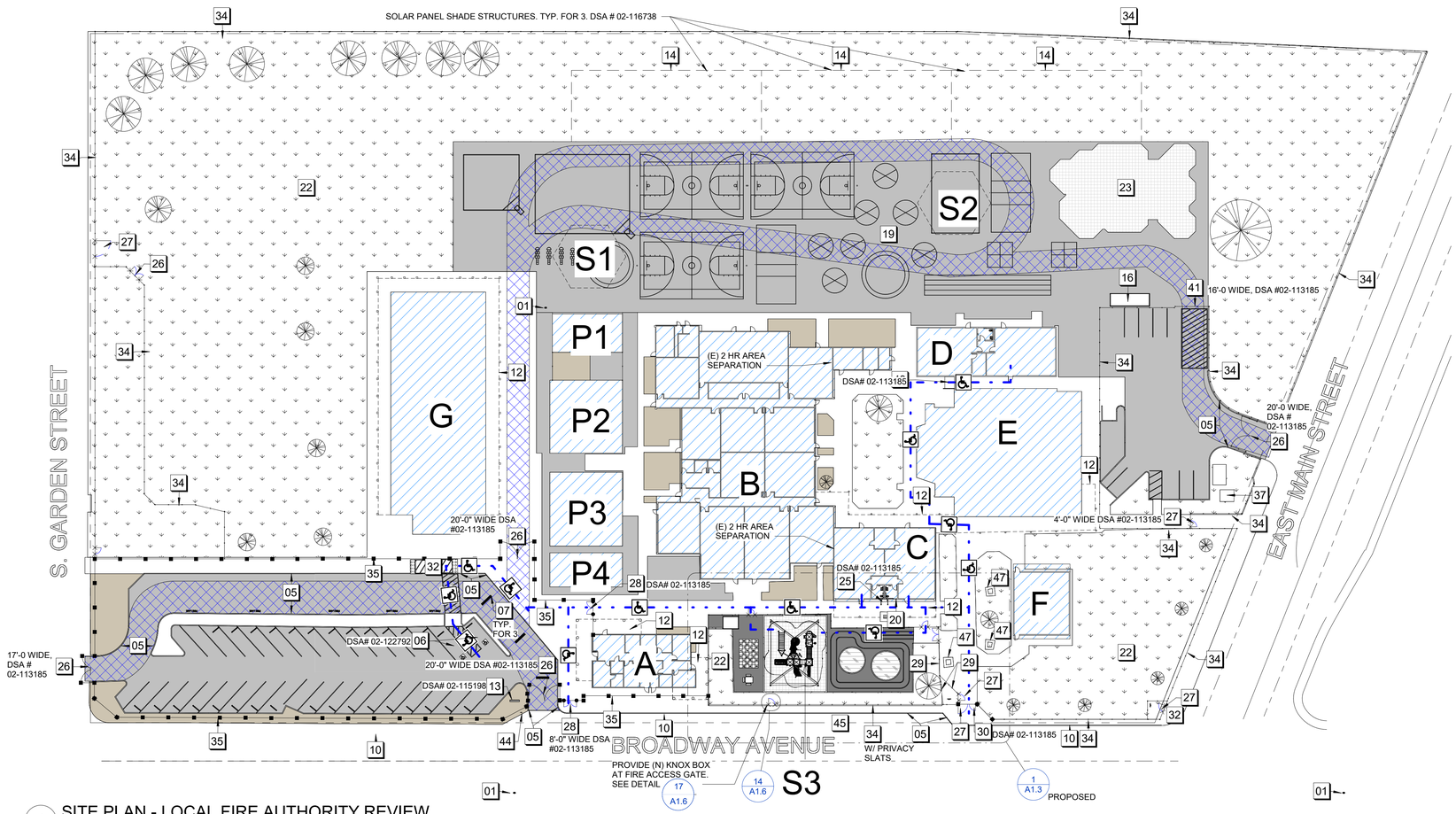
By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____

Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION		
LFA Agency Name:		
LFA Review Official:		
Title:	Work Phone:	
Work Email:		

LFA Reviewer's Signature: _____ Date: _____



1 SITE PLAN - LOCAL FIRE AUTHORITY REVIEW
1" = 40'-0"

BUILDING INFORMATION

BLDG. NAME	DSA APP. NO(S).	CONST. TYPE	SQ. FT.	FS	NON- FS	OCC.
A - ADMINISTRATION	02-113185 (2014)	VB	3,182		X	B
B - CLASSROOM BUILDING	02-113185 (2014)	VB	14,589		X	E
C - PRESCHOOL BUILDING	02-113185 (2014)	VB	2,741		X	E
D - LIBRARY / CLASSROOM	02-113185 (2014)	VB	3,254		X	E
E - MULTI-PURPOSE BUILDING	02-113185 (2014)	V-1 HR RATED	6,772		X	B-2
F - ELOP BUILDING	02-122792 (2024)	VB	1,440		X	E
G - CLASSROOM BUILDING	02-113185 (2014)	VB	11,774		X	E
P1 - PORTABLE CLASSROOM	02-103574	VB	7,201		X	E
P2 - PORTABLE CLASSROOM	01-100405					
P3 - PORTABLE CLASSROOM	02-69126					
P4 - PORTABLE CLASSROOM	02-59012					
S1 & S2 - SHADE STRUCTURE	02-122679 (2024)	VB	1,375 EA.		X	E
S3 - SHADE STRUCTURE	02-123177 (THIS APP.)	IIB	1,200		X	E

SITE PLAN NOTES

1 - EXISTING

01	(E) FIRE HYDRANT
05	(E) RED PAINTED CURB W/ NO PARKING LABELS
06	(E) ADA PARKING & SIGNAGE
07	(E) SPEED BUMP
10	(E) LOADING ZONE W/ GREEN PAINTED CURB
12	(E) COVERED WALKS
13	(E) MONUMENT / SCHOOL SIGN
14	(E) SOLAR PANEL STRUCTURE
16	(E) STORAGE CONTAINER
19	(E) HARDSCAPE PLAY AREA WITH PLAY YARD PAINT
20	(E) EXTERIOR FIRE HORN
22	(E) PLAY FIELD
23	(E) PLAYGROUND STRUCTURE
25	(E) ACCESIBLE HI-LO DRINKING FOUNTAIN
26	(E) MANUAL DOUBLE GATES
27	(E) SINGLE GATE
28	(E) DOUBLE GATES W/ PANIC HARDWARE
29	(E) 4'-0"HIGH CHAINLINK FENCE
30	(E) SINGLE GATE W/ PANIC HARDWARE
32	(E) CURB CUT & ADA RAMP
34	(E) 5'-0"HIGH CHAINLINK FENCE
35	(E) 6'-0" HIGH ORNAMANTAL WROUGHT IRON FENCE
37	(E) ELECTRICAL TRANSFORMER
44	(E) OFF STREET PARKING SIGNAGE (DSA #02-122792)
45	(E) BUS STUDENT DROP OFF
47	(E) BENCH SEATING
49	(E) RAMP

SITE LEGEND

- (E) BUILDING
- FALL PROTECTION TILE O/ RECESSED 5" THICK REINFORCED CONC. SLAB
- (E) CONCRETE
- (N) CONCRETE
- (E) TURF
- (N) TURF
- (E) ASPHALT
- (N) ASPHALT
- (E) SOIL
- EXISTING FIRE ACCES LANE
- TREE
- WROUGHT IRON FENCE
- CHAIN LINK FENCE

PATH OF TRAVEL (P.O.T.): THE ACCESSIBLE PATH OF TRAVEL AS INDICATED IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND IS AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN DIRECTION OF TRAVEL IS LESS THAN 5% U.O.N. P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO A MINIMUM OF 80" AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND THAT PATH OF TRAVEL COMPLIES WITH THE LATEST ADOPTED CBC.

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LOCAL FIRE AUTHORITY REVIEW SITE PLAN

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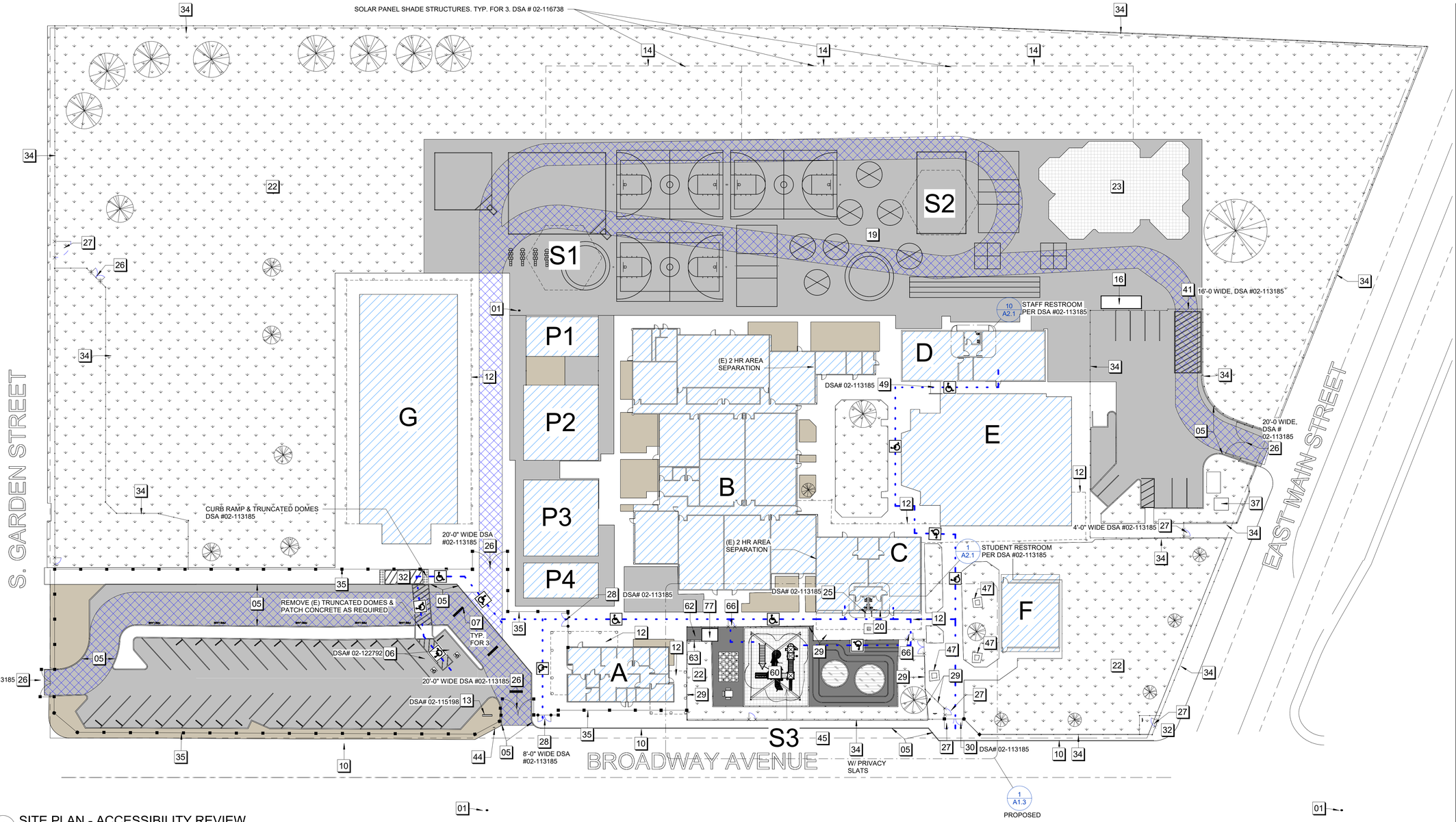

1 SITE PLAN - ACCESSIBILITY REVIEW
1" = 30'-0"

PATH OF TRAVEL (POT) STATEMENT

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

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

BUILDING INFORMATION

BLDG. NAME	DSA APP. NO(S).	CONST. TYPE	SQ. FT.	FS	NON- FS	OCC.
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44	(E) OFF STREET PARKING SIGNAGE (DSA #02-122792)
45	(E) BUS STUDENT DROP OFF
47	(E) BENCH SEATING
49	(E) RAMP

SITE PLAN NOTES

3 - NEW

60	(N) PLAYGROUND STRUCTURE W/ FALL PROTECTION AND SHADE STRUCTURE
62	(N) ASPHALT PAVING. AT LEAST 30 DAYS AFTER PLACEMENT, APPLY A FOG SEAL COAT
63	(N) 4'-0" HIGH CHAIN LINK FENCE
66	(N) 4'-0" WIDE PEDESTRIAN GATE W/ PANIC HARDWARE AT 4'-0" HIGH CHAIN LINK FENCE
77	RELOCATE (E) 80 SF STORAGE CONTAINER TO (N) LOCATION SHOWN (NOTE: NOT PART OF DSA SSS / FLS APPROVAL PER DSA IR A-22)

SITE LEGEND

- (E) BUILDING
- FALL PROTECTION TILE O/ RECESSED 5" THICK REINFORCED CONC. SLAB
- (E) CONCRETE
- (N) CONCRETE
- (E) TURF
- (N) TURF
- (E) ASPHALT
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ACCESSIBILITY REVIEW SITE PLAN

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MVE GENERAL CONSTRUCTION NOTES

1. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF STOCKTON STANDARDS AND SPECIFICATIONS AND ALL AMENDMENTS THERETO TO DATE AND THE LATEST EDITION OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (CALTRANS), WHERE APPLICABLE.
2. APPROVAL OF THE USE OF NON-APPROVED MATERIALS OR CONSTRUCTION TECHNIQUES MUST BE OBTAINED FROM THE CITY ENGINEER IN ADVANCE OF CONSTRUCTION.
3. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER AND/OR ENGINEER.
4. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL INVITE THE APPROPRIATE REGULATORY AGENCIES TO A PRE-CONSTRUCTION CONFERENCE.
5. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL SAFETY REGULATIONS PERTAINING TO HIS OPERATIONS. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY. THE CONTRACTOR'S ATTENTION IS CALLED TO THE REQUIREMENTS OF TITLE 8, CALIFORNIA ADMINISTRATION CODE, SUBCHAPTER 4, ARTICLE 6, "EXCAVATIONS, TRENCHES AND EARTHWORK."
6. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
7. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE CONSTRUCTION WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
8. APPROPRIATE DUST CONTROL SHALL BE PROVIDED AT ALL TIMES, AT THE CONTRACTOR'S EXPENSE, AND SHALL BE IN ACCORDANCE WITH SECTION 10 OF CALTRANS STANDARD SPECIFICATIONS AND WITH LOCAL REQUIREMENTS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A SET OF "AS-BUILT" RED-LINED PLANS THAT SHOWS ANY CHANGES WHICH OCCUR DURING CONSTRUCTION. PRIOR TO FINAL ACCEPTANCE OF IMPROVEMENTS, THE CONTRACTOR SHALL SUBMIT THE AS-BUILT PLANS TO MVE.
10. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ANY WORK PERFORMED BY THE CONTRACTOR AND/OR OWNER BASED ON DRAWINGS, WHICH HAVE NOT BEEN SIGNED AND SEALED BY THE ENGINEER.
11. THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY STAKES AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
12. EACH CONTRACTOR OR SUBCONTRACTOR SHALL BE RESPONSIBLE TO CLEAN THE JOB SITE AT THE END OF EACH PHASE OF WORK AND TO REMOVE AND DISPOSE OF ALL TRASH, SCRAP, AND UNUSED MATERIAL IN A TIMELY MANNER, AT THEIR OWN EXPENSE.
13. WORK IN EASEMENTS AND/OR RIGHTS-OF-WAY IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE REGULATORY AGENCY RESPONSIBLE FOR OPERATION AND/OR MAINTENANCE OF SAID EASEMENT AND/OR RIGHT-OF-WAY. FOR ALL WORK WITHIN PUBLIC RIGHTS-OF-WAY OR EASEMENTS, THE CONTRACTOR SHALL PRESERVE THE INTEGRITY AND LOCATION OF ANY AND ALL PUBLIC UTILITIES AND PROVIDE THE NECESSARY CONSTRUCTION TRAFFIC CONTROL. CONTRACTOR SHALL, THROUGH THE ENCROACHMENT PERMIT PROCESS, VERIFY WITH THE NECESSARY REGULATORY AGENCIES, THE NEED FOR ANY TRAFFIC ROUTING PLANS. IF A PLAN IS REQUIRED, CONTRACTOR SHALL PROVIDE PLAN AND RECEIVE PROPER APPROVALS PRIOR TO CONSTRUCTION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL TESTING AND INSPECTION SHALL BE PAID FOR BY THE OWNER; ALL RE-TESTING AND/OR RE-INSPECTION SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL GIVE THE REVIEWING AGENCY 48 HOURS NOTICE PRIOR TO REQUIRING INSPECTION FOR ALL UNDERGROUND PIPELINES AND STREET CONSTRUCTION. BACKFILL SHALL NOT BE AUTHORIZED OVER UTILITY LINES UNTIL AFTER INSPECTION AND APPROVAL.
15. IF EXISTING IMPROVEMENTS NEED TO BE DISTURBED AND/OR REMOVED FOR THE PROPER PLACEMENT OF IMPROVEMENTS TO BE CONSTRUCTED BY THESE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING REMAINING IMPROVEMENTS FROM DAMAGE. COSTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR REMOVAL AND/OR REPLACEMENT OF EXISTING IMPROVEMENTS. IF PLANS DO NOT DICTATE THAT RELOCATION OR REMOVAL MUST OCCUR, THEN A DESIGN CHANGE AND CHANGE ORDER SHALL BE PREPARED.
16. THE CONTRACTOR SHALL MAINTAIN A SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL MECHANICAL; ELECTRICAL AND INSTRUMENTATION EQUIPMENT; PIPING AND CONDUITS; STRUCTURES AND OTHER FACILITIES. THE AS-BUILTS OF THE ELECTRICAL SYSTEM SHALL INCLUDE THE STREET LIGHT LAYOUT PLAN SHOWING LOCATION OF LIGHTS, CONDUITS, CONDUCTORS, POINTS OF CONNECTIONS TO SERVICES, PULL BOXES AND WIRE SIZES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.
17. PRIOR TO ACCEPTANCE OF THE PROJECT AND FINAL PROGRESS PAYMENT APPROVAL, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER (MVE, INC.) ONE SET OF CURRENT AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE.
18. HISTORIC PRESERVATION: THE CONTRACTOR SHALL IMMEDIATELY STOP WORK AND NOTIFY THE PLANNING DEPARTMENT IN THE EVENT THAT HISTORIC OR PREHISTORIC ARCHAEOLOGICAL FEATURES ARE DISCOVERED DURING EXCAVATION. THE PLANNING DEPARTMENT SHALL NOTIFY THE STATE HISTORIC PRESERVATION OFFICE. REMEDIAL ACTION SHALL BE PREPARED AND IMPLEMENTED BY THE DEVELOPER IN ACCORDANCE WITH IMPLEMENTATION MEASURES OF THE GENERAL PLAN.
19. THE CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE AND IMPLEMENT A TRAFFIC CONTROL PLAN AND SUBMIT TO THE CITY OF STOCKTON FOR APPROVAL A MINIMUM OF 3 DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN TRAFFIC & ACCESS TO BUILDINGS AT ALL TIMES.
20. THE CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE LATEST EDITION OF THE STATE OF CALIFORNIA, MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE ZONES. ANY PROPOSED DEVIATION OR MODIFICATIONS TO THESE TRAFFIC CONTROL REQUIREMENTS SHALL BE SUBMITTED TO THE CITY, COUNTY OR STATE, WHICHEVER IS APPROPRIATE, FOR APPROVAL.

GRADING & EARTHWORK:

1. EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF STOCKTON STANDARDS AND INDUSTRY STANDARDS.
2. ALL VEGETATION AND DELETERIOUS MATERIALS SHALL BE REMOVED FROM PROJECT AREA PRIOR TO CONSTRUCTION.
3. APPROPRIATE DUST CONTROL SHALL BE PROVIDED TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH SECTION 10 OF CALTRANS STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE CITY.
4. ANY CHANGES IN PROPOSED GRADES REQUIRED IN ORDER TO ACHIEVE A BALANCE, MUST BE COORDINATED WITH THE ENGINEER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO GRADE, MAINTAIN, AND PROVIDE PROPER DRAINAGE WITHOUT CAUSING SOIL EROSION OR DRAINING ONTO ADJACENT PROPERTIES.

MONUMENT PRESERVATION NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL SURVEY MONUMENTATION AND REFERENCE POINT WHICH MAY BE LOST OR DISTURBED AS RESULT OF THE WORK.
2. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE LOCATION OF MONUMENTATION WHICH MAY BE DISTURBED, HE SHALL BE RESPONSIBLE FOR THE PRESERVATION OR REPLACEMENT OF ALL SUCH MONUMENTATION IN COMPLIANCE WITH 8771 OF THE BUSINESS AND PROFESSIONS CODE AND SECTIONS 732.5, 1492.5 AND 1810.5 OF THE CALIFORNIA STREETS AND HIGHWAY CODE.
3. THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO SET TIES TO ANY MONUMENT THAT MAY BE DISTURBED OR LOST DURING THE COURSE OF THE WORK. SUCH TIES SHALL BE SET IN LOCATIONS THAT WILL NOT OTHERWISE BE DISTURBED.
4. THE CONTRACTOR SHALL BEAR ALL COST OF SURVEY, RE-SURVEY, REFERENCE TIES, REPLACEMENT CORNERS, CORNER RECORDS, MAPPING, CHECKING AND RECORDING FEES WHICH MAY BE REQUIRED AS RESULT OF LOSS OR DISTURBANCE OF MONUMENTATION WHICH MAY OCCUR DURING THE COURSE OF THE WORK.

UTILITY NOTES:

EXISTING UNDERGROUND UTILITIES SHOWN ARE TAKEN FROM RECORD INFORMATION TO AID THE CONTRACTOR. CONTRACTOR SHALL VERIFY LOCATION (BOTH VERTICAL AND HORIZONTAL) OF ALL EXISTING UNDERGROUND LINES AND NOTIFY ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO THE START OF ANY WORK.

EXISTING UTILITIES ARE SHOWN AS THEY ARE BELIEVED TO EXIST FROM RECORDS BY OTHERS. THE OWNER AND ENGINEER DO NOT ACCEPT RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL HAVE EACH UTILITY COMPANY ACCURATELY LOCATE IN THE FIELD THEIR MAINS AND SERVICE LINES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES, SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. CONTACT U.S.A. AT PHONE NO. 800-227-2600 OR 811.

NOTE: SECTION 1540(A)(1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540) ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973 AS AMENDED, WHICH STATES:

"PRIOR TO OPENING AN EXCAVATION , EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATION I.E. ,SEWER, WATER, FUEL, ELECTRIC LINES, ETC. WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION."

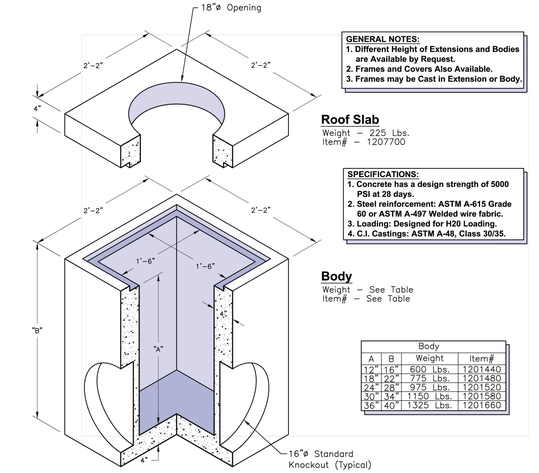
CONSTRUCTION MATERIALS:

1. UNLESS SPECIFICALLY NOTED HEREIN, ALL CONSTRUCTION MATERIALS INSTALLATION REQUIREMENTS, TESTING, AND INSPECTION REQUIREMENTS SHALL CONFORM TO CITY OF STOCKTON STANDARD SPECIFICATIONS AND DRAWINGS.
2. ASPHALT PAVING: ALL SUB-GRADE PREPARATION, BASE COURSE AND PAVING SHALL CONFORM TO THE STATE STANDARD SPECIFICATIONS. STRUCTURAL THICKNESSES ARE AS INDICATED IN THE PLANS. TESTS SHALL BE PERFORMED BY CONTRACTOR AS PER THE BELOW REQUIREMENTS:
   A. AGGREGATE BASE (A.B.) MATERIAL AND INSTALLATION SHALL BE PER SECTION 26 OF THE STATE STANDARD SPECIFICATIONS.
   B. ASPHALT CONCRETE (A.C.) MATERIAL AND INSTALLATION SHALL BE PER SECTION 39 OF THE STATE STANDARD SPECIFICATIONS.
   C. SUBGRADE PREPARATION SHALL CONFORM TO SECTION 25 OF THE STATE STANDARD SPECIFICATIONS UNLESS SPECIFICALLY NOTED OTHERWISE.
   D. ALL ON-SITE NON-DECORATIVE AC PAVEMENTS SHALL RECEIVE A FOG SEAL IN ACCORDANCE WITH SECTION 37 OF THE CALTRANS STANDARD SPECIFICATIONS PRIOR TO STRIPING. DECORATIVE PAVEMENTS AND P.C.C. AREAS ADEQUATELY PROTECTED FROM OVERSPRAY, AND CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF OVER-APPLIED FOG SEAL.
3. THE PAVING CONTRACTOR SHALL ADJUST ALL UTILITY COVERS AND GRATES SUCH AS: MANHOLE, LAMPHOLE, WATER VALVE CASTINGS AND COVERS, TO FINISH GRADE AFTER PAVEMENT IMPROVEMENTS ARE COMPLETE.
4. CONCRETE: PORTLAND CEMENT CONCRETE MATERIAL AND INSTALLATION SHALL BE PER SECTION 40 OF THE STATE STANDARD SPECIFICATIONS.
5. UTILITY TRENCH EXCAVATION AND BACKFILL SHALL BE DONE IN ACCORDANCE WITH THE STATE STANDARD SPECIFICATIONS.
6. UNLESS NOTED OTHERWISE, ALL APPURTENANCES INCLUDING, BUT NOT LIMITED TO, VALVES, HYDRANTS, BACKFLOW PREVENTERS, AND THRUST BLOCKING SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF STOCKTON STANDARDS.
7. CONTRACTOR TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS AND DEPTHS OF ALL PROPOSED TIE-INS TO EXISTING UTILITIES AND SHALL NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES.
8. STORM DRAIN: ONSITE STORM DRAINAGE PIPING SHALL BE POLYVINYL CHLORIDE (PVC) - ASTM D-3034, SDR 35.

Oldcastle Precast®

Water

1'-6"x1'-6" I.D. Junction Box
Model: JB-1818



GENERAL NOTES:
1. Different Height of Extensions and Bodies are Available by Request.
2. Frames and Covers Also Available.
3. Frames may be Cast in Extension or Body.

SPECIFICATIONS:
1. Concrete has a design strength of 5000 PSI at 28 days.
2. Steel reinforcement: ASTM A-615 Grade 60 or ASTM A-497 Welded wire fabric.
3. Loading: Designed for H20 Loading.
4. C.I. Castings: ASTM A-48, Class 30/35.

Body			
A	B	Weight	Item#
12"	16"	600 Lbs.	1201440
18"	22"	775 Lbs.	1201480
24"	28"	975 Lbs.	1201520
30"	34"	1150 Lbs.	1201580
36"	40"	1325 Lbs.	1201660

Texas Region

For more information about our products please visit us on the web at:
oldcastleprecast.com

JB-1

888-9 Oldcastle
(888-965-3227)

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PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT FOR UNDERGROUND CLEARANCE. USA WILL PROVIDE INFORMATION ABOUT OR LOCATE AND MARK UNDERGROUND FACILITIES.

UNAUTHORIZED CHANGES & USES

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APP: 02-123177 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/03/2025

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REGISTERED PROFESSIONAL ENGINEER · DEREK A. MARTIN · No. 76529 · EXP. 12-31-2026 · CIVIL · STATE OF CALIFORNIA

01/29/25

CONSULTANT

LCAP PreK PLAYGROUND PROJECT - ROOSEVELT ES

776 S. BROADWAY AVE.
STOCKTON, CA 95205

STOCKTON UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2024-06, MVE NO. NC25010
ISSUE SET: DSA SUBMITTAL
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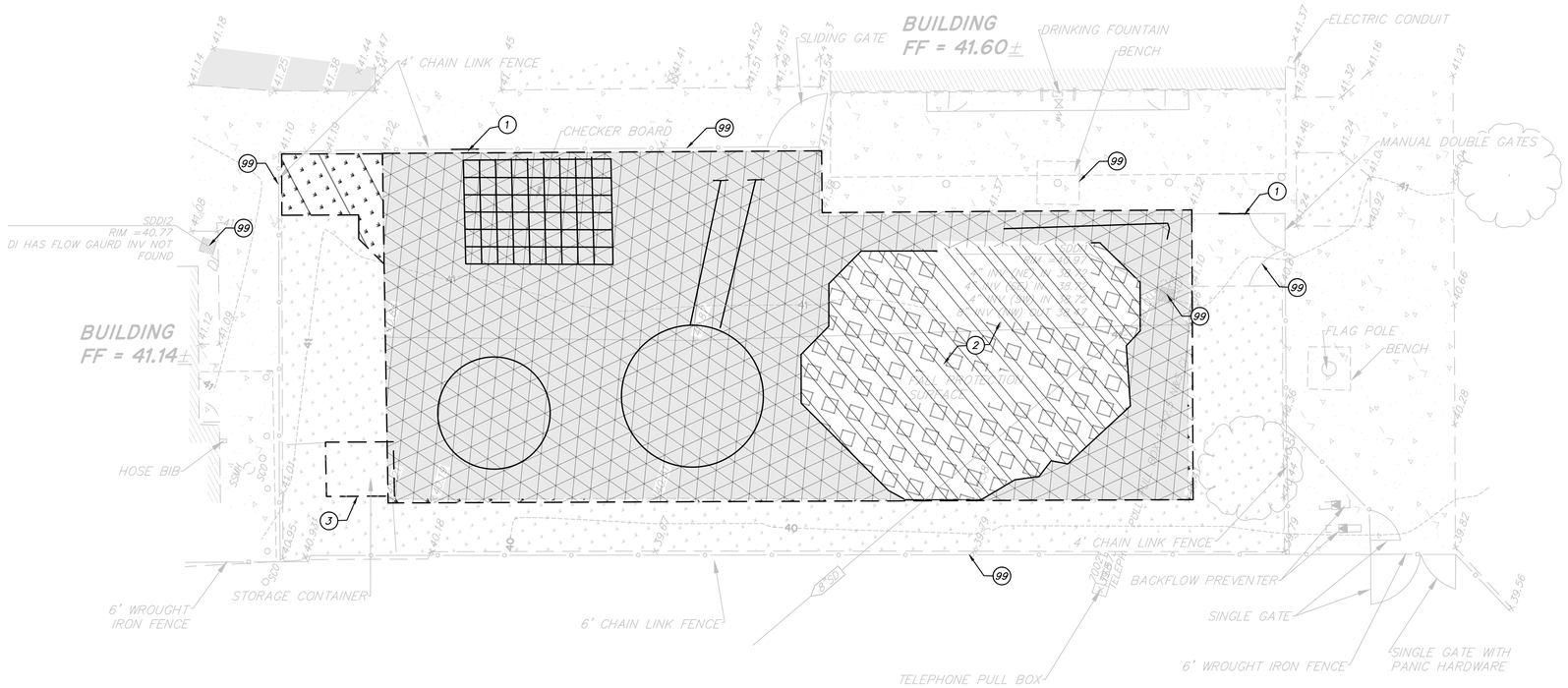
GENERAL NOTES AND SPECIFICATIONS

GN1



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SCALE: 1"=10'

EXISTING LEGEND

- FENCE
- SDMH — STORM DRAIN MANHOLE
- DI — STORM DRAIN INLET
- 6"SD — STORM DRAIN LINE
- WV — WATER VALVE
- WBX — WATER BOX
- CURB, GUTTER, & SIDEWALK
- CONCRETE
- SIGN(AS NOTED)
- STREET LIGHT
- SLB — STREET LIGHT BOX
- TREE
- EBX / PB — ELECTRIC BOX / PULL BOX
- BUILDING

GENERAL NOTES

1. CONTRACTOR TO PROTECT ALL EXISTING UNDERGROUND UTILITIES IN PLACE.

DEMOLITION NOTES

(1) CONTRACTOR TO REMOVE PORTION OF EXISTING FENCE TO INSTALL GATE.

(2) CONTRACTOR TO REMOVE THE PLAYGROUND STRUCTURE AND FALL PROTECTION SURFACE FROM SITE.

(3) CONTRACTOR TO RELOCATE STORAGE CONTAINER. SEE ARCHITECTURAL PLANS FOR RELOCATED LOCATION.

(99) CONTRACTOR TO PROTECT IN PLACE.

DEMOLITION LEGEND

- CONTRACTOR TO SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT, CONCRETE, CURB AND GUTTER FROM SITE.
- CONTRACTOR TO REMOVE THE EXISTING LANDSCAPE AREA FROM SITE.
- CONTRACTOR TO REMOVE THE EXISTING PLAY AREA FROM SITE.

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REGISTERED PROFESSIONAL ENGINEER — DEREK A. MARTIS — No. 86525 — Exp. 12-31-2026 — CIVIL — STATE OF CALIFORNIA

01/29/25

CONSULTANT

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STOCKTON UNIFIED SCHOOL DISTRICT

REVISIONS

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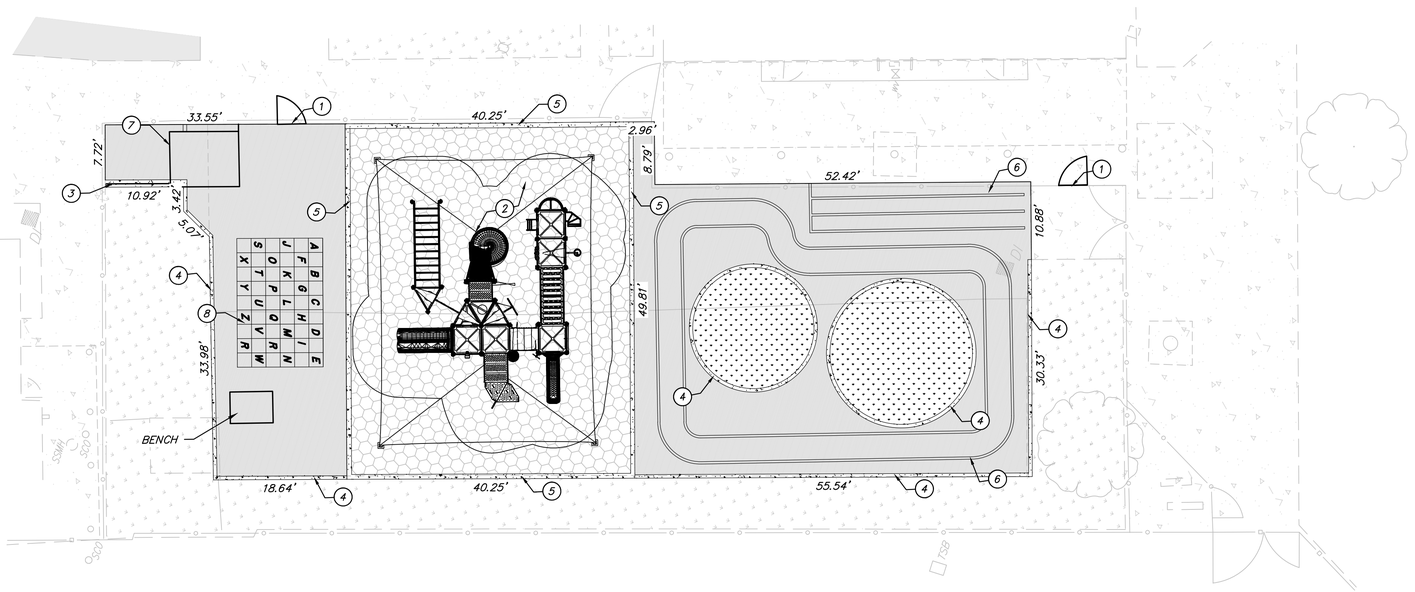
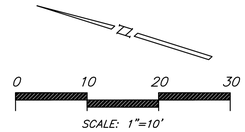
DRAWN BY: A.P.

TOPOGRAPHY AND DEMOLITION PLAN

TO1





SCALE: 1"=10'

LEGEND

ASPHALT PAVEMENT
SEE ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.

ARTIFICIAL TURF
SEE ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.

PLAY SURFACE SEE ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.

CONSTRUCTION NOTES

1. CONTRACTOR TO INSTALL GATE, SEE ARCHITECTURAL PLANS BY OTHERS FOR ADDITIONAL INFORMATION.
2. CONTRACTOR TO INSTALL PLAYGROUND STRUCTURE WITH FALL PROTECTION AND SHADE STRUCTURE, SEE ARCHITECTURAL PLANS BY OTHERS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR TO INSTALL 4' CHAINLINK FENCE ON 1' MOW CURB, SEE ARCHITECTURAL PLANS BY OTHERS FOR ADDITIONAL INFORMATION.
4. CONTRACTOR TO CONSTRUCT 6" MOW CURB, SEE ARCHITECTURAL PLANS BY OTHERS FOR ADDITIONAL INFORMATION.
5. CONTRACTOR TO CONSTRUCT 8" MOW CURB, SEE ARCHITECTURAL PLANS BY OTHERS FOR ADDITIONAL INFORMATION.
6. CONTRACTOR TO STRIPE TRIKE PATH, SEE ARCHITECTURAL PLANS BY OTHERS FOR ADDITIONAL INFORMATION.
7. CONTRACTOR TO INSTALL RELOCATED STORAGE CONTAINER. SEE ARCHITECTURAL PLANS BY OTHERS FOR ADDITIONAL INFORMATION.
8. CONTRACTOR TO INSTALL CHECKER BOARD. SEE ARCHITECTURAL PLANS BY OTHERS FOR ADDITIONAL INFORMATION.

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CALCULATED SITE PLAN

CS1

LEGEND

X27.27	EXISTING TOPOGRAPHIC SURVEY POINT.
P27.41±	EXISTING PAVEMENT GRADE.
C27.76±	EXISTING CONCRETE GRADE
EG28.37±	EXISTING GROUND GRADE.
1.50%	EXISTING SLOPE.
1.50% →	PROPOSED SLOPE.
P27.41	PROPOSED PAVEMENT GRADE.
C28.36	PROPOSED CONCRETE GRADE.
RIM27.98	PROPOSED RIM ELEVATION.
HP41.00	HIGH POINT
GB	GRADEBREAK
SDTD	STORM DRAIN TRENCH DRAIN
DI	EXISTING STORM DRAIN INLET
	PROPOSED JUNCTION BOX (SEE SHEET GN1 FOR DETAILS)

GENERAL GRADING NOTES

1. ALL PATHWAYS TO HAVE A MAXIMUM OF 2% CROSS SLOPE.
2. ALL PATHWAYS TO HAVE A MAXIMUM OF 5% SLOPE IN DIRECTION OF TRAVEL.
3. CONTRACTOR TO DAYLIGHT TO EXISTING GROUND AT 5% SLOPE.

CONSTRUCTION NOTES

(1) CONTRACTOR TO ADJUST GRATE OF EXISTING DRAINAGE INLET TO GRADE.

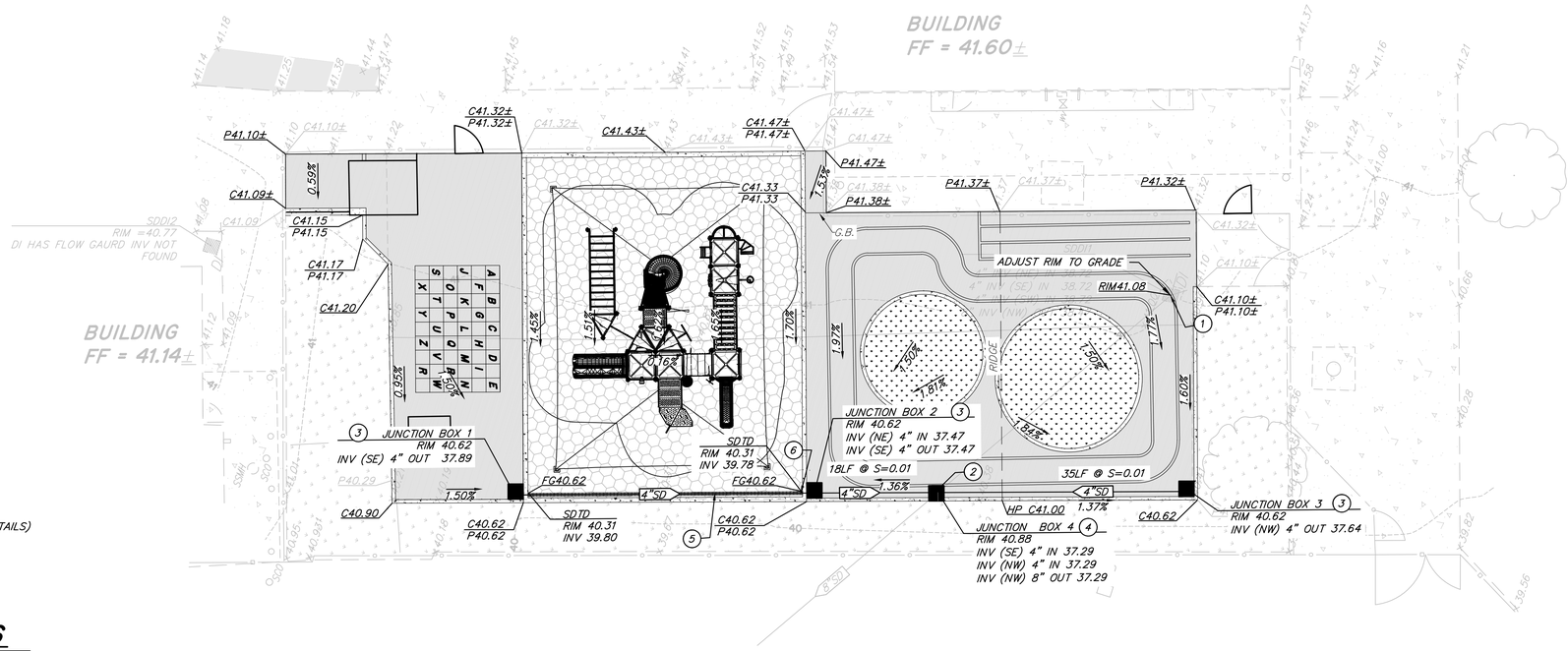
(2) CONTRACTOR TO VERIFY INVERTS AND POTHOLE TIE IN ELEVATIONS PRIOR TO START OF CONSTRUCTION. REPORT ANY DISCREPANCIES TO ENGINEER OF RECORD.

(3) CONTRACTOR TO INSTALL JUNCTION BOX WITH ACCESSIBLE PEDESTRIAN GRATE. 1/2" MAX. OPENINGS IN DIRECTION OF TRAVEL PER 11B-302.3

(4) CONTRACTOR TO INSTALL JUNCTION BOX WITH SOLID GRATE. JUNCTION BOX TO CONNECT TO EXISTING 8" STORM DRAIN.

(5) 39 LF 4" SD @ S=0.01 FROM JUNCTION BOX 1 TO JUNCTION BOX 2.

(6) AT TERMINATION OF TRENCH DRAIN USE 90° VERTICAL ELBOW TO CONNECT TRENCH DRAIN TO STORM DRAIN PIPE.



0 10 20 30

SCALE: 1"=10'

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GRADING AND DRAINAGE PLAN

GP1

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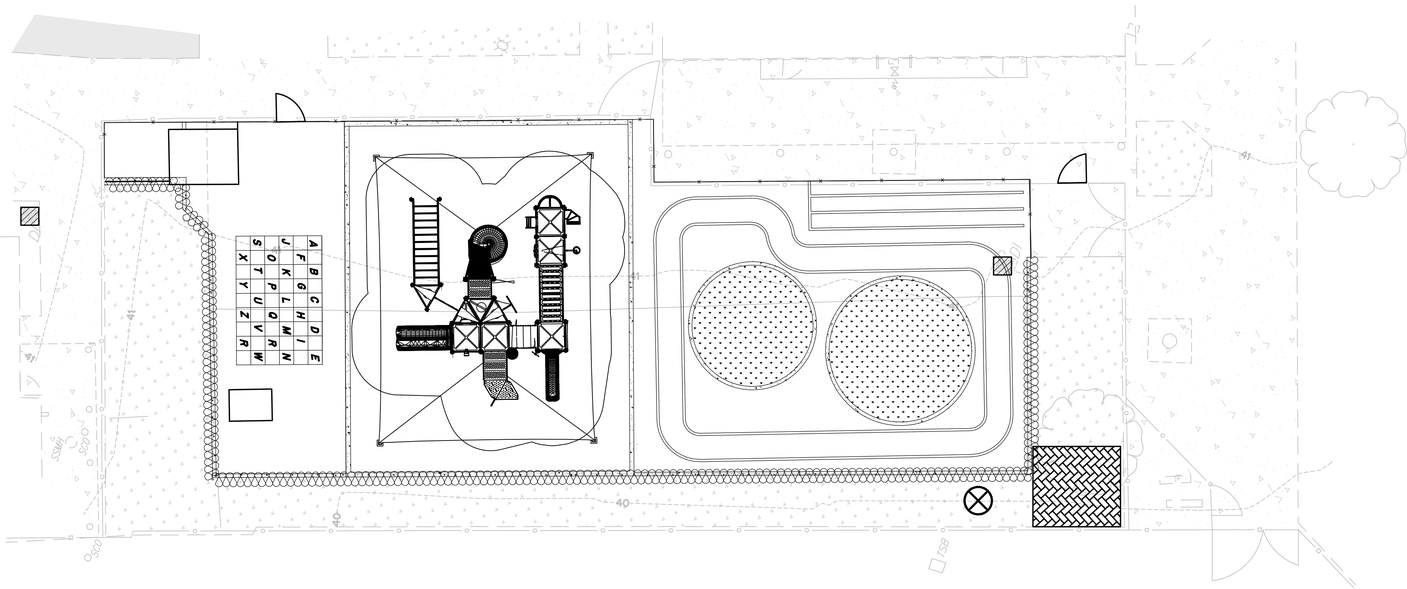

0 10 20 30

SCALE: 1"=10'

GENERAL NOTES

1. CONTRACTOR SHALL INSTALL INLET PROTECTION AT ALL STORM DRAIN INLETS THAT MAY BE SUSCEPTIBLE TO CONSTRUCTION INFLUENCE.
2. BMPS SHOWN SCHEMATICALLY. CONTRACTOR AND SITE QSP TO DETERMINE FINAL LOCATIONS IN THE FIELD.

EROSION CONTROL LEGEND	
SYMBOL	DESCRIPTION
⊗	CONCRETE WASHOUT PER CASQA BMP WM-8.
▨	DRAINAGE INLET PROTECTION, TEMPORARY INLET INSERT, TYPICAL ALL DRAIN INLETS PER CASQA BMP SE-10.
▦	STORAGE / MAINTENANCE / AND FUELING AREA PER CASQA NS-8, 9, 10 WM-1 THROUGH WM-10
≈	FIBER ROLL OR SILT FENCE, TYP. PER CASQA BMP SE-1 OR SE-5.
— x —	SAND BAG BERM TYP, PER CASQA BMP SE-6. SEE SHEET ER2

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CONSULTANT

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REVISIONS		

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EROSION CONTROL PLAN

ER1

EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL MAINTAIN AN EROSION CONTROL PLAN REFLECTING WORK COMPLETED/PROPOSED AND EROSION AND SEDIMENT CONTROL MEASURES TO BE TAKEN.
2. CONTRACTOR SHALL HAVE THE TRAINED PERSONNEL, TOOLS, EQUIPMENT, LABOR AND MATERIALS NEEDED TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES.
3. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED IN TIME TO BE 100% EFFECTIVE. SLOPE PROTECTIVE MATS, SEDIMENT TRAPS AND/OR DESILTING BASINS SHALL BE INSTALLED AS NEEDED TO CONTROL SEDIMENT TRANSPORTATION. GRADING SHALL COMPLY WITH THE REQUIREMENTS OF THE REGIONAL WATER QUALITY CONTROL BOARD PERMIT.
4. ALL EXISTING INLETS IN THE VICINITY SHALL BE PROTECTED BY THE INSTALLATION OF FILTER FABRIC, GRAVEL BAGS SILT BARRIERS AND OTHER SEDIMENT CONTROL MEASURE PER DETAILS HEREON SUCH MEASURES SHALL BE MAINTAINED UNTIL APPROVAL OF A NOTICE OF TERMINATION (NOT) BY THE STATE. CONTRACTOR SHALL PROVIDE AND MAINTAIN DRAIN INLET PROTECTION FOR ALL CATCH BASINS LOCATED IN THE VICINITY OF WORK. THIS INCLUDES ANY CATCH BASINS LOCATED IN THE PUBLIC RIGHT-OF-WAY, AS WELL AS ANY CATCH BASINS IN THE PARKING LOT.
5. CONTRACTOR SHALL ENSURE THAT ALL DEVICES SHOWN SHALL BE IN PLACE THROUGHOUT THE DURATION OF THE PROJECT BEFORE EACH WORKING DAY AND AT THE END OF THE WORKING DAY.
6. ALL EROSION AND SEDIMENT STRUCTURES SHALL BE INSPECTED AFTER EACH STORM AND AT THE END OF EACH WORKING DAY. STRUCTURES SHALL BE CLEANED OUT AND REPAIRED OR REPLACED AS NECESSARY, TO BE EFFECTIVE.
7. ALL BASINS AND CHECK DAMS SHALL BE DRY AND ALL DEBRIS AND SOIL REMOVED WITHIN 24 HOURS AFTER EACH STORM EVENT.
8. ALL PAVED AREAS SHALL BE KEPT CLEAR OF ALL EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO THAT SEDIMENT RUNOFF DOES NOT ENTER THE STORM SYSTEM.
9. AS STORM DRAIN IMPROVEMENTS ARE CONSTRUCTED, ALL STRUCTURES AND INLET PIPES SHALL BE PROTECTED FROM INFLOW OF SILT BY THE INSTALLATION OF FILTER INSERTS, GRAVEL BAGS, SILT BARRIERS, AND OTHER SEDIMENT CONTROL MEASURES.
10. ADJACENT PROPERTIES SHALL BE PROTECTED FROM STORM WATER, MUD, SOIL, OR CONSTRUCTION MATERIALS AT ALL TIMES.
11. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN EROSION CONTROL STRUCTURES AND DEVICES ON AND OFF SITE AT THE LOCATIONS SHOWN ON THE PLANS.
12. ALL COMPLETED DRAIN INLETS SHALL BE PROTECTED WITH SILT BARRIERS.
13. THE PERMITTEE OR CONTRACTOR SHALL ALERT STANDBY CREWS DURING RAINSTORMS.
14. TEMPORARY EROSION CONTROL DEVICES SHOWN ON THE GRADING PLAN, WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED WHEN THE INSPECTOR SO DIRECTS AS THE WORK PROGRESSES. THE SWPPP SHALL BE UPDATED TO REFLECT ANY MODIFICATIONS.
15. CONTRACTOR SHALL REMOVE ALL LOOSE SOIL, SEDIMENT AND CONSTRUCTION DEBRIS FROM THE STREET AREAS UPON STARTING OPERATIONS AND AT THE END OF EACH WORKING DAY AND AS DIRECTED BY THE INSPECTOR. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF TO ANY STORM DRAIN SYSTEM.
16. EXCEPT AS OTHERWISE DIRECTED BY THE INSPECTOR, CONTRACTOR SHALL INSTALL ALL BEST MANAGEMENT PRACTICE (BMP) DEVICES BEFORE EACH WORKING DAY AND THAT ALL BMP DEVICES SHALL BE DEPLOYED, INSPECTED, AND REPLACED THROUGHOUT THE COURSE OF THE PROJECT, REGARDLESS OF SEASON.
17. TO MINIMIZE EROSION OF GRADED BANKS, ALL GRADED BANKS STEEPER THAN 2.5:1 AND HIGHER THAN 5 FEET, SHALL BE HYDROSEEDED, LANDSCAPED OR SEALED IF THE PERMANENT STORM DRAIN SYSTEM IS NOT INSTALLED BY OCTOBER 1, TEMPORARY DITCHES SHALL BE CONSTRUCTED TO CONTAIN THE STORM WATER AND DIRECT IT, IN A MANNER THAT AVOIDS EROSION OF THE BANKS, TO THE EROSION AND SEDIMENT CONTROL FACILITIES. SEE SEED MIXTURE REQUIREMENT ON THIS SHEET.
18. AS A PART OF THE EROSION CONTROL MEASURES, THE UNDERGROUND STORM DRAIN FACILITIES SHOULD BE INSTALLED COMPLETE AS SHOWN ON IMPROVEMENT PLANS PREPARED BY MVE, INC.
19. ALL CUT AND FILL SLOPES ARE TO BE PROTECTED TO PREVENT OVER BANK FLOW.
20. THE CONTRACTOR SHALL PLACE DRAIN ROCK AS A GRAVEL ROADWAY (8" MIN. THICKNESS, 12 FEET MIN. WIDTH AND 50 FEET LONG) AT EACH ROAD ENTRANCE TO THE SITE. ANY MUD THAT IS TRACKED ONTO PUBLIC STREETS SHALL BE REMOVED THE SAME DAY.
21. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THESE PLANS IN THE FILED, SUBJECT TO APPROVAL OF THE INSPECTOR. ANY CHANGES WILL BE INDICATED IN THE SWPPP.
22. CONTROL MEASURES ARE SUBJECT TO THE INSPECTION AND APPROVAL OF THE PUBLIC WORKS DEPARTMENT. CONTACT PUBLIC WORKS CONSTRUCTION INSPECTION AT LEAST 48 HOURS PRIOR TO THE START OF ANY WORK TO ARRANGE FOR INSPECTION.
23. BORROW AREAS AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES (SEEDED) TO THE SATISFACTION OF THE INSPECTOR.
24. SEDIMENT TRAPS SHALL BE CLEANED OUT WHENEVER SEDIMENT REACHES THE SEDIMENT CLEAN-OUT LEVEL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN THE DESILTING BASINS AND THE SEDIMENT TRAPS. ALL MEASURES WILL BE INSPECTED DAILY BEFORE AND AFTER EACH STORM. BREACHES IN DIKES AND SWALES WILL BE REPAIRED AT THE CLOSE OF EACH DAY AND WHENEVER RAIN IS FORECAST.
25. EROSION CONTROL STRUCTURES SHALL BE ADJUSTED BY THE CONTRACTOR TO REFLECT ALL CHANGES IN DRAINAGE AS STREETS AND BUILDING PADS ARE INSTALLED.
26. CONTRACTOR SHALL SCHEDULE WORK THAT COULD LEAD TO EROSION OR SEDIMENT CONTROL ISSUES FOR DRY WEATHER DAYS WHEN NO RAIN IS IN THE IMMEDIATE FORECAST.

STRAW ROLLS CONSTRUCTION NOTES

27. FINISH THE SLOPE BEFORE THE STRAW ROLL INSTALLATION IS STARTED.
28. SHALLOW GULLIES SHOULD BE SMOOTHED AS WORK PROGRESSES.
29. DIG SMALL TRENCHES PARALLEL TO THE SLOPE CONTOUR, TO PLACE ROLLS IN. THE TRENCH SHOULD BE DEEP ENOUGH TO ACCOMMODATE HALF THE THICKNESS OF THE ROLL. WHEN THE SOIL IS LOOSE AND UNCOMPACTED, THE TRENCH SHOULD BE DEEP ENOUGH TO BURY THE ROLL 2/3 OF ITS THICKNESS BECAUSE THE GROUND WILL SETTLE.
30. IT IS CRITICAL THAT ROLLS ARE INSTALLED PERPENDICULAR TO WATER MOVEMENT, PARALLEL TO THE SLOPE CONTOUR.
31. START BUILDING TRENCHES AT CONTOUR INTERVALS OF 10 TO 25 FEET APART DEPENDING ON STEEPNESS OF SLOPE. THE STEEPER THE SLOPE, THE CLOSER TOGETHER THE TRENCHES.
32. LAY THE ROLL ALONG THE TRENCHES FITTING IT SNUGLY AGAINST THE SOIL. MAKE SURE NO GAPS EXIST BETWEEN THE SOIL AND THE STRAW WATTLE.
33. USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE WATTLE AND INTO THE SOIL FOR THE WILLOW OR WOODEN STAKES.
34. DRIVE THE STAKE THROUGH PREPARED HOLE INTO SOIL. LEAVE ONLY 1 TO 2 INCHES OF STAKE EXPOSED ABOVE THE ROLL.
35. INSTALL STAKES AT A MAX DISTANCE OF 4 FEET APART ALONG THE WATTLE.
36. INSPECT ALL THE STRAW ROLLS AND THE SLOPES BEFORE AND AFTER STORMS. MAKE SURE THE ROLLS ARE IN CONTACT WITH THE SOIL. REPAIR ANY ROLLS OR GULLIES PROMPTLY. RESEED OR REPLANT VEGETATION IF NECESSARY UNTIL THE SLOPE IS STABILIZED.

GRAVEL CONSTRUCTION ENTRANCE SPECIFICATIONS

37. THE AGGREGATE SIZE FOR THE GRAVEL CONSTRUCTION ENTRANCE PAD SHALL BE 2-3 INCH DIAMETER STONE. PLACE THE PAD WHERE SHOWN ON THE PLANS AND WHERE NEEDED TO LIMIT SEDIMENT LEAVING THE SITE.
38. THE THICKNESS OF THE PAD SHALL NOT BE LESS THAN 8 INCHES. USE GEOTEXTILE FABRICS, IF NECESSARY, TO IMPROVE STABILITY OF THE FOUNDATIONS IN LOCATIONS SUBJECT TO SEEPAGE OR HIGH WATER TABLE.
39. THE LENGTH OF THE PAD SHALL BE AS REQUIRED, BUT NOT LESS THAN 50 FEET AND NOT LESS THAN 12 FEET WIDE.
40. THE PAD SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAVE AND/OR MAINTENANCE OF ANY MEASURES USED TO TRAP SEDIMENT.
41. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY. PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP OR OTHER SUITABLE OUTLET.
42. WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO EXIT ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
43. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATER COURSE THROUGH USE OF GRAVEL BAGS, STRAW WADDLES, OR OTHER APPROVED METHODS.

SILT FENCE CONSTRUCTION SPECIFICATIONS

44. THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES. STORAGE HEIGHT AND PONDING HEIGHT SHALL NEVER EXCEED 9 INCHES.
45. THE FENCE LINE SHALL FOLLOW THE CONTOUR AS CLOSELY AS POSSIBLE. THE FILTER FABRIC SHALL BE CUT FROM A CONTINUOUS ROLL TO AVOID THE USE OF JOINTS. IF JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SLICED ONLY AT A SUPPORT POST, WITH A MINIMUM 6 INCH OVERLAP AND BOTH ENDS SECURELY FASTENED TO THE POST.
46. POSTS SHALL BE SPACED A MINIMUM OF 10 FEET APART AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES). WHEN EXTRA-STRENGTH FABRIC IS USED WITHOUT WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.
47. TURN THE ENDS OF THE FENCE UPHILL TO PREVENT ESCAPE OF UNFILTERED FLOWS.
48. WHEN STANDARD-STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POST USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
49. WHEN EXTRA-STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS.
50. THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE TOE OF THE FILTER FABRIC.
51. SILT FENCES PLACED AT THE TOE OF A SLOPE SHALL BE SET AT LEAST 6 FEET FROM THE TOE IN ORDER TO INCREASE PONDING VOLUME.
52. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED AND ANY SEDIMENT STORED BEHIND THE SILT FENCE HAS BEEN REMOVED.
53. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED DAILY AND BEFORE AND AFTER EACH SIGNIFICANT RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
54. SEDIMENT SHOULD BE REMOVED WHEN IT REACHES 1/3 HEIGHT OF THE FENCE OR 9 INCHES MAXIMUM, WHICHEVER IS LESS.
55. THE REMOVED SEDIMENT SHALL CONFORM WITH THE EXISTING GRADE AND BE VEGETATED OR OTHERWISE STABILIZED.

STORM DRAIN NPDES PERMIT

56. TO COMPLY WITH THE STATE OF CALIFORNIA'S STATEWIDE GENERAL NPDES PERMIT. REGULATING DISCHARGES OF STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM SOIL DISTURBANCES OF 1 ACRE OR MORE. A NOTICE OF INTENT (NOI) TO COMPLY WITH THE TERMS OF THE GENERAL PERMIT TO DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE FILED AND APPROPRIATE FEE PAID PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE NOI CAN BE OBTAINED BY ENTERING THE PROJECT INFORMATION AND UPLOADING THE PROJECT SWPPP ONTO THE SMARTS WEBSITE. IN ADDITION, AT THE CONCLUSION OF THE PROJECT A NOTICE OF TERMINATION (NOT) MUST ALSO BE FILED. SUBMIT THE FEE, NOI, AND NOC TO THE STATE WATER RESOURCES CONTROL BOARD VIA THE SMARTS WEBSITE.

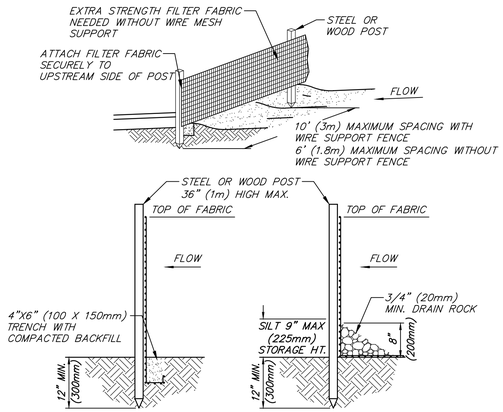
STATE WATER RESOURCES CONTROL BOARD SMARTS WEBSITE ADDRESS:
HTTPS://SMARTS.WATERBOARDS.CA.GOV/SMARTS/FACES/SWSMARTSLOGIN.JSP

NOI FILE DATE: _____
WDID NO: _____

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE; HOWEVER SHOULD THE CONTRACTOR OR OWNER CHOOSE TO FILE AN NOI AND OBTAIN A WDID NO. FROM THE STATE WATER BOARD, THAT INFORMATION SHALL BE ADDED HERE WHEN OBTAINED.

SWPPP GENERAL NOTES

57. ALL OPERATIONS SHALL LIMIT OR EXPEDITIOUSLY REMOVE THE ACCUMULATION OF MUD OR DIRT FROM ADJACENT PUBLIC STREETS AT LEAST ONCE EVERY 24 HOURS WHEN OPERATIONS ARE OCCURRING. (THE USE OF DRY ROTARY BRUSHES IS EXPRESSLY PROHIBITED EXCEPT WHERE PRECEDED OR ACCOMPANIED BY SUFFICIENT WETTING TO LIMIT THE VISIBLE DUST EMISSIONS
58. UPON COMPLETION OF PHASED CONSTRUCTION, SUBSEQUENT PHASES SHALL RE-VEGETATE ALL EXPOSED SOIL SURFACE WITHIN 30 DAYS, OR AS OTHERWISE APPROVED BY THE CITY, TO MINIMIZE POTENTIAL TOPSOIL EROSION. REASONABLE ALTERNATIVES TO RE-VEGETATION MAY BE EMPLOYED, ESPECIALLY DURING PEAK TEMPERATURE PERIODS OR TO AVOID NEGATIVE IMPACTS TO NEARBY AGRICULTURAL ACTIVITIES, SUBJECT TO THE APPROVAL OF THE CITY.
59. ALL BMPS USED DURING CONSTRUCTION SHALL COMPLY WITH THE MOST RECENT CASQA BMP MANUAL AND THE NPDES CONSTRUCTION GENERAL PERMIT. IF THIS SHEET DISAGREES WITH THE MOST RECENT CASQA BMP HANDBOOK, CONTACT THE ENGINEER FOR ADDITIONAL INSTRUCTIONS.



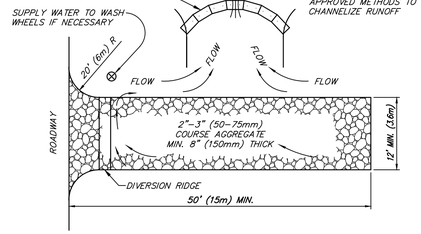
TRENCH DETAIL — INSTALLATION WITHOUT TRENCHING

NOTE:
1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
4. MAY BE USED IN LIEU OF SAND BAG BARRIER AT CONTRACTOR'S OPTION

ALTERNATIVE III

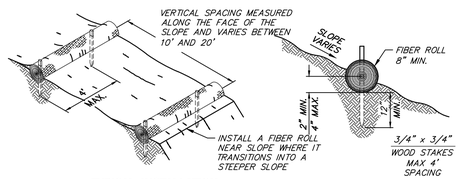
SILT FENCE

NTS



TC-1 ROCK LINED CONSTRUCTION ENTRANCE

NTS

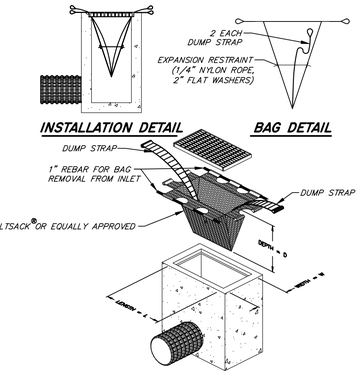


TYPICAL INSTALLATION — ENTRENCHMENT DETAIL

NOTE: INSTALL FIBER ROLL ALONG A LEVEL CONTOUR.

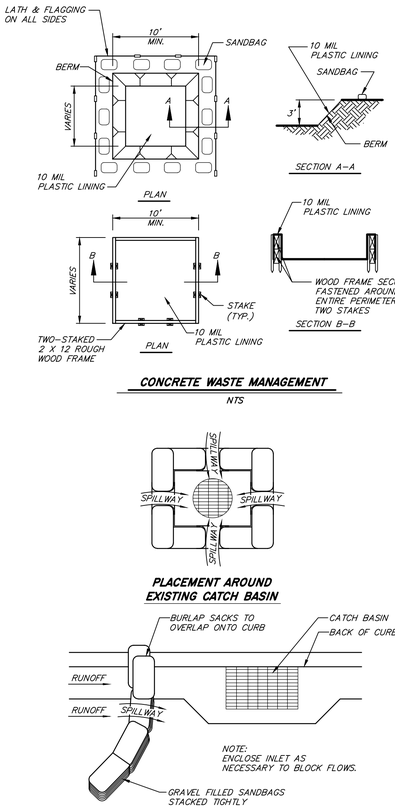
FIBER ROLL

NTS



TYPICAL SILTSACK CONSTRUCTION

NTS



CONCRETE WASTE MANAGEMENT

NTS

PLACEMENT AROUND EXISTING CATCH BASIN

NOTE:
1. PLACE CURB TYPE SEDIMENT BARRIERS JUST UP SLOPE FROM INLETS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS OF EITHER BURLAP OR WOVEN "GEOTEXTILE" FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE A ONE SANDBAG GAP IN THE TOP ROW TO PROVED A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

INLET SEDIMENT BARRIER

NTS

811 Know what's below. Call before you dig.

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT FOR UNDERGROUND CLEARANCE. USA WILL PROVIDE INFORMATION ABOUT OR LOCATE AND MARK UNDERGROUND FACILITIES.

UNAUTHORIZED CHANGES & USES

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-123177 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/03/2025

ARCHITECHNICA
555 West Benjamin Holt Drive, Suite 423
Stockton, California 95207
P: (209) 952-5850
F: (209) 952-2442
E: hello@architechnica.net
www.architechnica.net

LICENSED ARCHITECT — TIMOTHY L. DEARBORN — C-25928 — RENEWAL 12/2025 — STATE OF CALIFORNIA

MVE Inc.
1117 L Street, Modesto, CA 95354
866.526.4214 | www.mve.net
Northern California | Southern California | Nevada

REGISTERED PROFESSIONAL ENGINEER — DEREK A. MARTINEZ — No. 26825 — Exp. 03-31-2026 — CIVIL — STATE OF CALIFORNIA

01/29/25 CONSULTANT

LCAP PreK PLAYGROUND PROJECT - ROOSEVELT ES

776 S. BROADWAY AVE.
STOCKTON, CA 95205

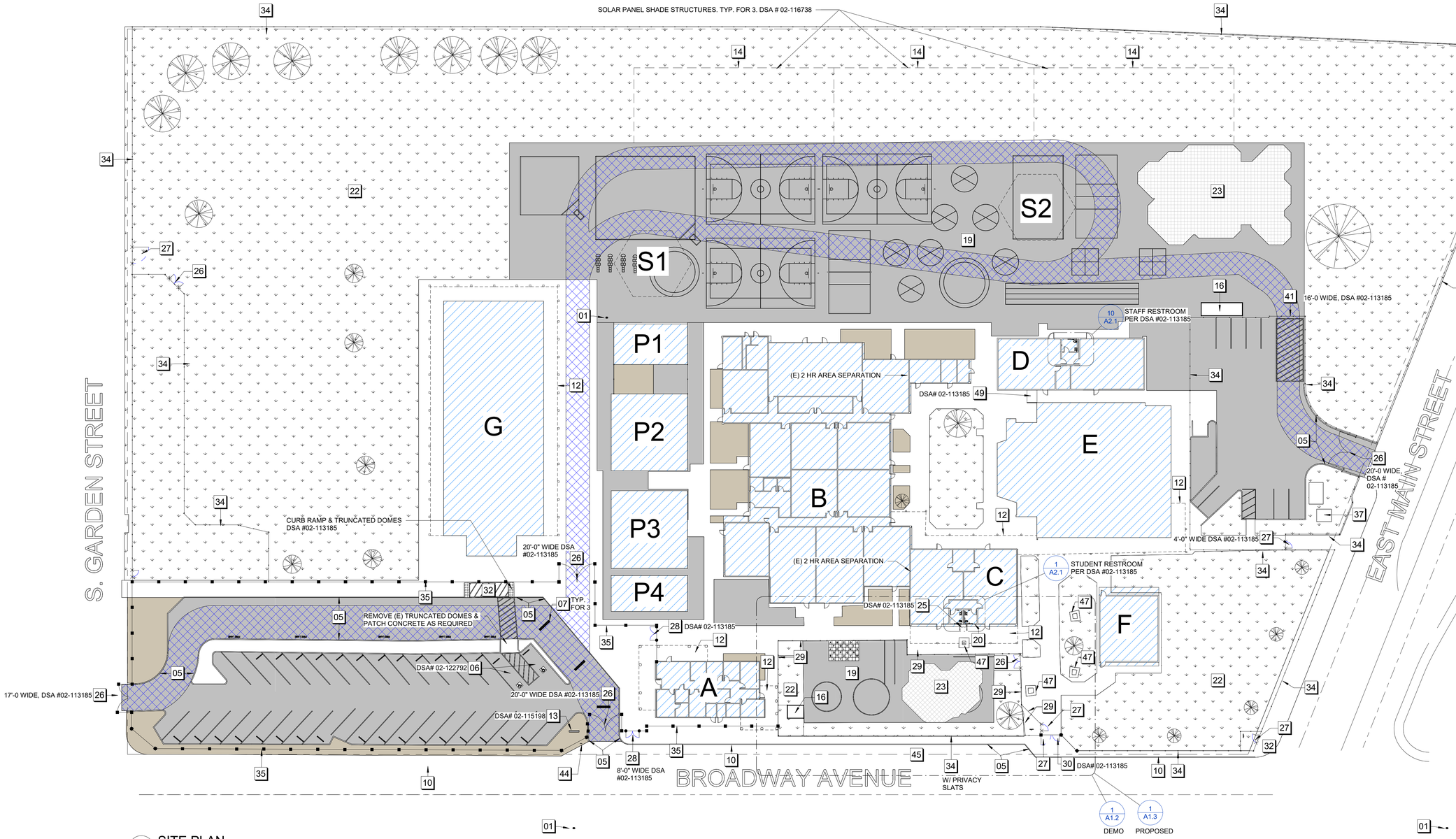
STOCKTON UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2024-06, MVE NO. NC25010
ISSUE SET: DSA SUBMITTAL
ISSUE DATE: 02/18/2025
DRAWN BY: A.P.

EROSION CONTROL NOTES AND DETAILS

ER2



1 SITE PLAN
1" = 30'-0"

BUILDING INFORMATION

BLDG. NAME	DSA APP. NO(S).	CONST. TYPE	SQ. FT.	FS	NON- FS	OCC.
A - ADMINISTRATION	02-113185 (2014)	VB	3,182		X	B
B - CLASSROOM BUILDING	02-113185 (2014)	VB	14,589		X	E
C - PRESCHOOL BUILDING	02-113185 (2014)	VB	2,741		X	E
D - LIBRARY / CLASSROOM	02-113185 (2014)	VB	3,254		X	E
E - MULTI-PURPOSE BUILDING	02-113185 (2014)	V-1 HR RATED	6,772		X	B-2
F - ELOP BUILDING	02-122792 (2024)	VB	1,440		X	E
G - CLASSROOM BUILDING	02-113185 (2014)	VB	11,774		X	E
P1 - PORTABLE CLASSROOM	02-103574	VB	7,201		X	E
P2 - PORTABLE CLASSROOM	01-100405					
P3 - PORTABLE CLASSROOM	02-69126					
P4 - PORTABLE CLASSROOM	02-59012					
S1 & S2 - SHADE STRUCTURE	02-122679 (2024)	VB	1,375 EA.		X	E
S3 - SHADE STRUCTURE	02-123177 (THIS APP.)	IIB	1,200		X	E

SITE PLAN NOTES

1 - EXISTING

01	(E) FIRE HYDRANT
05	(E) RED PAINTED CURB W/ NO PARKING LABELS
06	(E) ADA PARKING & SIGNAGE
07	(E) SPEED BUMP
10	(E) LOADING ZONE W/ GREEN PAINTED CURB
12	(E) COVERED WALKS
13	(E) MONUMENT / SCHOOL SIGN
14	(E) SOLAR PANEL STRUCTURE
16	(E) STORAGE CONTAINER
19	(E) HARDSCAPE PLAY AREA WITH PLAY YARD PAINT
20	(E) EXTERIOR FIRE HORN
22	(E) PLAY FIELD
23	(E) PLAYGROUND STRUCTURE
25	(E) ACCESIBLE HI-LO DRINKING FOUNTAIN
26	(E) MANUAL DOUBLE GATES
27	(E) SINGLE GATE
28	(E) DOUBLE GATES W/ PANIC HARDWARE
29	(E) 4'-0"HIGH CHAINLINK FENCE
30	(E) SINGLE GATE W/ PANIC HARDWARE
32	(E) CURB CUT & ADA RAMP
34	(E) 5'-0"HIGH CHAINLINK FENCE
35	(E) 6'-0" HIGH ORNAMANTAL WROUGHT IRON FENCE
37	(E) ELECTRICAL TRANSFORMER
44	(E) OFF STREET PARKING SIGNAGE (DSA #02-122792)
45	(E) BUS STUDENT DROP OFF
47	(E) BENCH SEATING
49	(E) RAMP

SITE LEGEND

(E) BUILDING	(E) ASPHALT
(E) FALL PROTECTION TILE	(E) SOIL
(E) CONCRETE	EXISTING FIRE ACCES LANE
(E) TURF	TREE
CHAIN LINK FENCE	WROUGHT IRON FENCE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-123177 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/03/2025

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LICENSED ARCHITECT · TIMOTHY L. DEARBEN · C-25928 · RENEWAL 12 / 2025 · STATE OF CALIFORNIA

CONSULTANT

LCAP PreK PLAYGROUND PROJECT - ROOSEVELT ES

776 S. BROADWAY AVE.
STOCKTON, CA 95205

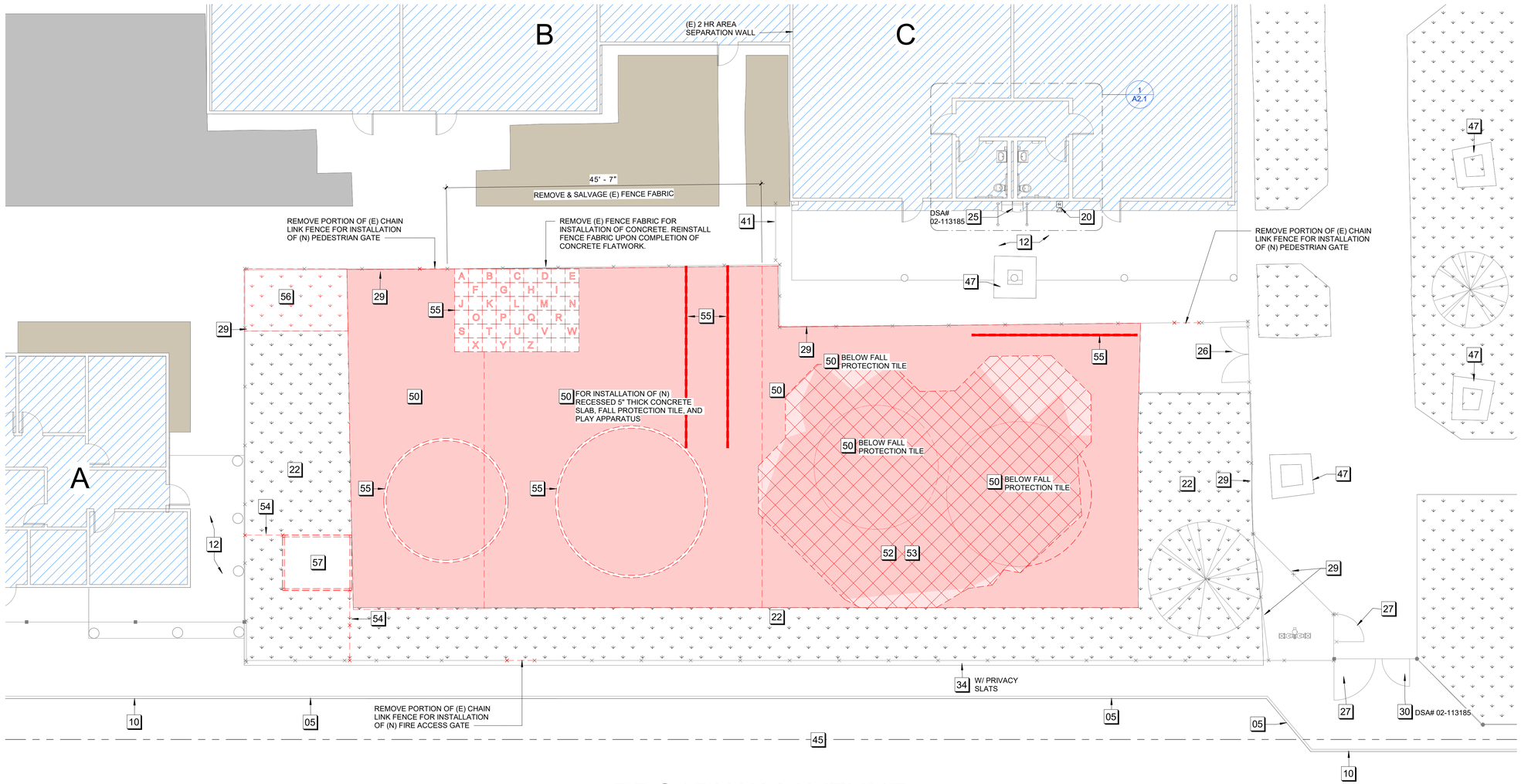
STOCKTON UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO:	2024-06 - ROOSEVELT
ISSUE SET:	CD
ISSUE DATE:	02/19/2025
DRAWN BY:	HD

SITE PLAN

A1.1



1 ENLARGED SITE PLAN - DEMO

1/8" = 1'-0"

BUILDING INFORMATION

BLDG. NAME	DSA APP. NO(S).	CONST. TYPE	SQ. FT.	FS	NON- FS	OCC.
A - ADMINISTRATION	02-113185 (2014)	VB	3,182		X	B
B - CLASSROOM BUILDING	02-113185 (2014)	VB	14,589		X	E
C - PRESCHOOL BUILDING	02-113185 (2014)	VB	2,741		X	E
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S1 & S2 - SHADE STRUCTURE	02-122679 (2024)	VB	1,375 EA.		X	E
S3 - SHADE STRUCTURE	02-123177 (THIS APP.)	IIB	1,200		X	E

SITE PLAN NOTES

1 - EXISTING	
05	(E) RED PAINTED CURB W/ NO PARKING LABELS
10	(E) LOADING ZONE W/ GREEN PAINTED CURB
12	(E) COVERED WALKS
20	(E) EXTERIOR FIRE HORN
22	(E) PLAY FIELD
25	(E) ACCESIBLE HI-LO DRINKING FOUNTAIN
26	(E) MANUAL DOUBLE GATES
27	(E) SINGLE GATE
29	(E) 4'-0"HIGH CHAINLINK FENCE
30	(E) SINGLE GATE W/ PANIC HARDWARE
34	(E) 5'-0"HIGH CHAINLINK FENCE
41	(E) SLIDING GATE
45	(E) BUS STUDENT DROP OFF
47	(E) BENCH SEATING
2 - DEMOLITION	
50	REMOVE (E) ASPHALT
52	REMOVE (E) PLAYGROUND STRUCTURE
53	REMOVE (E) FALL PROTECTION SURFACE
54	(E) FENCING TO BE REMOVED
55	REMOVE (E) PLAY YARD PAINT STRIPING
56	REMOVE (E) TURF/GREEN AREA
57	REMOVE AND RELOCATE (E) CONTAINER

SITE LEGEND

- (E) BUILDING
- (E) ASPHALT
- (E) FALL PROTECTION TILE
- (E) SOIL
- (E) CONCRETE
- EXISTING FIRE ACCES LANE
- (E) TURF
- TREE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE

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STOCKTON, CA 95205

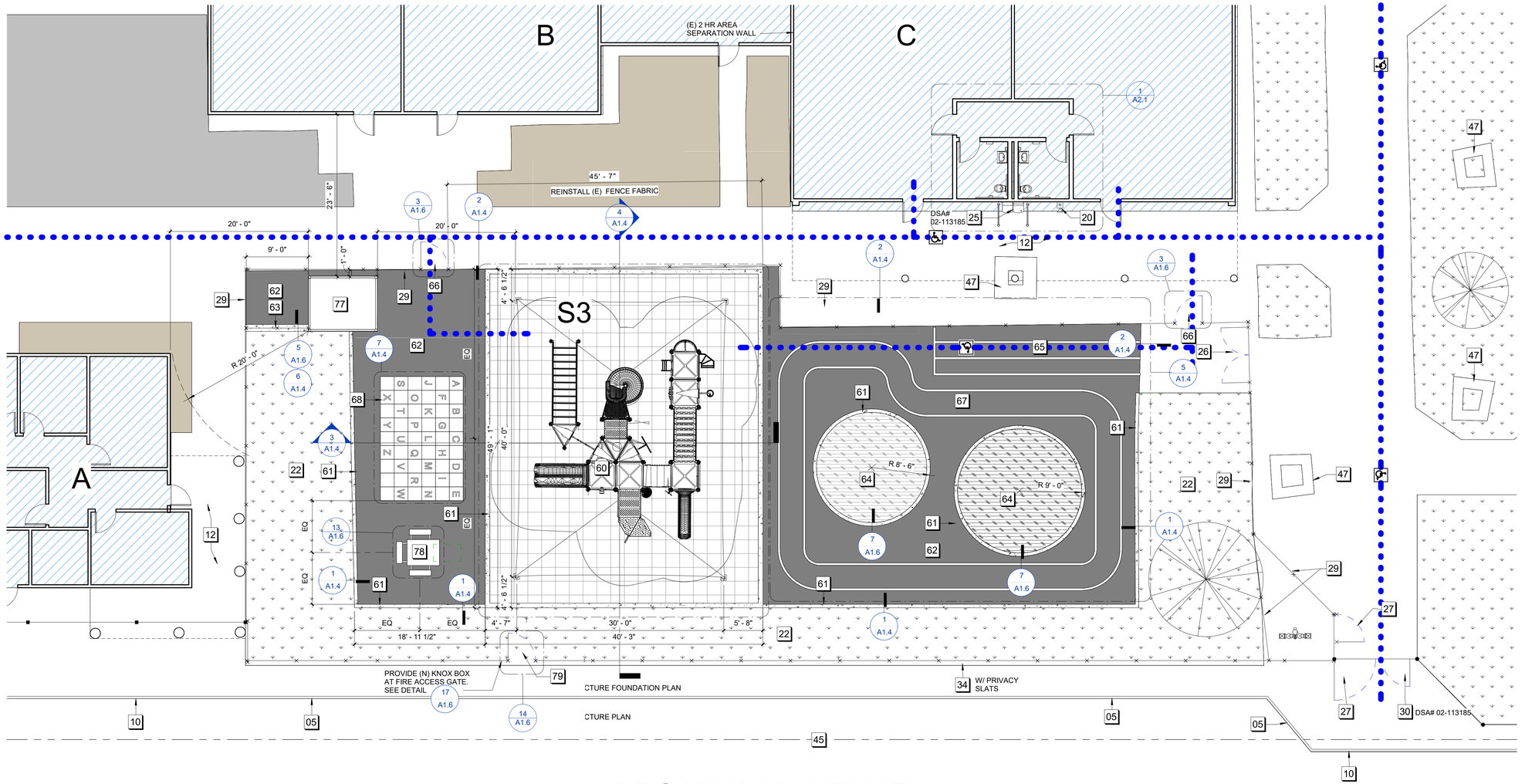
STOCKTON UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO:	2024-06 - ROOSEVELT
ISSUE SET:	CD
ISSUE DATE:	02/19/2025
DRAWN BY:	HD

ENLARGED SITE PLAN - DEMO

A1.2



1 ENLARGED SITE PLAN - PROPOSED

1/8" = 1'-0"

BUILDING INFORMATION

BLDG. NAME	DSA APP. NO(S).	CONST. TYPE	SQ. FT.	FS	NON- FS	OCC.
A - ADMINISTRATION	02-113185 (2014)	VB	3,182		X	B
B - CLASSROOM BUILDING	02-113185 (2014)	VB	14,589		X	E
C - PRESCHOOL BUILDING	02-113185 (2014)	VB	2,741		X	E
D - LIBRARY / CLASSROOM	02-113185 (2014)	VB	3,254		X	E
E - MULTI-PURPOSE BUILDING	02-113185 (2014)	V-1 HR RATED	6,772		X	B-2
F - ELOP BUILDING	02-122792 (2024)	VB	1,440		X	E
G - CLASSROOM BUILDING	02-113185 (2014)	VB	11,774		X	E
P1 - PORTABLE CLASSROOM	02-103574	VB	7,201		X	E
P2 - PORTABLE CLASSROOM	01-100405					
P3 - PORTABLE CLASSROOM	02-69126					
P4 - PORTABLE CLASSROOM	02-59012					
S1 & S2 - SHADE STRUCTURE	02-122679 (2024)	VB	1,375 EA.		X	E
S3 - SHADE STRUCTURE	02-123177 (THIS APP.)	IIB	1,200		X	E

SITE PLAN NOTES

1 - EXISTING	
05	(E) RED PAINTED CURB W/ NO PARKING LABELS
10	(E) LOADING ZONE W/ GREEN PAINTED CURB
12	(E) COVERED WALKS
20	(E) EXTERIOR FIRE HORN
22	(E) PLAY FIELD
25	(E) ACCESIBLE HI-LO DRINKING FOUNTAIN
26	(E) MANUAL DOUBLE GATES
27	(E) SINGLE GATE
29	(E) 4'-0"HIGH CHAINLINK FENCE
30	(E) SINGLE GATE W/ PANIC HARDWARE
34	(E) 5'-0"HIGH CHAINLINK FENCE
45	(E) BUS STUDENT DROP OFF
47	(E) BENCH SEATING
3 - NEW	
60	(N) PLAYGROUND STRUCTURE W/ FALL PROTECTION AND SHADE STRUCTURE
61	(N) CONCRETE CURB
62	(N) ASPHALT PAVING. AT LEAST 30 DAYS AFTER PLACEMENT, APPLY A FOG SEAL COAT
63	(N) 4'-0" HIGH CHAIN LINK FENCE
64	(N) ARTIFICIAL TURF CIRCLE
65	(N) 4" WIDE LINE UP LANES PAINTED WHITE. INSTALL AFTER FOG SEAL COAT. PROVIDE TEMPORARY GRAPHICS WITH TEMPORARY TRAFFIC PAINT PRIOR TO FOG SEAL COAT APPLICATION
66	(N) 4'-0" WIDE PEDESTRIAN GATE W/ PANIC HARDWARE AT 4'-0" HIGH CHAIN LINK FENCE
67	(N) TRIKE PATH. INSTALL AFTER FOG SEAL COAT. PROVIDE TEMPORARY GRAPHICS WITH TEMPORARY TRAFFIC PAINT PRIOR TO FOG SEAL COAT APPLICATION
68	(N) ALPHABET PLAY YARD GRAPHIC. INSTALL AFTER FOG SEAL COAT.
77	RELOCATE (E) 80 SF STORAGE CONTAINER TO (N) LOCATION SHOWN (NOTE: NOT PART OF DSA SSS / FLS APPROVAL PER DSA IR A-22)
78	(N) ACCESSIBLE PICNIC TABLE
79	(N) 4'-0" WIDE FIRE ACCESS GATE

SITE LEGEND

- (E) BUILDING
- FALL PROTECTION TILE O/ RECESSED 5" THICK REINFORCED CONC. SLAB
- (E) CONCRETE
- (N) CONCRETE
- (E) TURF
- (N) TURF
- (E) ASPHALT
- (N) ASPHALT
- (E) SOIL
- EXISTING FIRE ACCES LANE
- TREE
- WROUGHT IRON FENCE
- CHAIN LINK FENCE

PATH OF TRAVEL (P.O.T.): THE ACCESSIBLE PATH OF TRAVEL AS INDICATED IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND IS AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN DIRECTION OF TRAVEL IS LESS THAN 5% U.O.N. P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO A MINIMUM OF 80" AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND THAT PATH OF TRAVEL COMPLIES WITH THE LATEST ADOPTED CBC.

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LICENSED ARCHITECT · TIMOTHY L. DEARBORN · C-25928 · RENEWAL 12 / 2025 · STATE OF CALIFORNIA

CONSULTANT

LCAP PreK PLAYGROUND PROJECT - ROOSEVELT ES

776 S. BROADWAY AVE.
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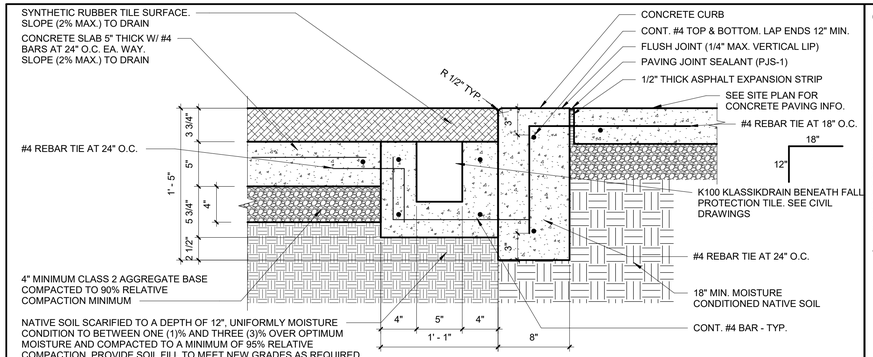
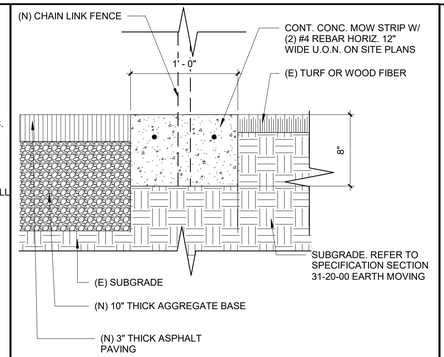
ENLARGED SITE PLAN - PROPOSED

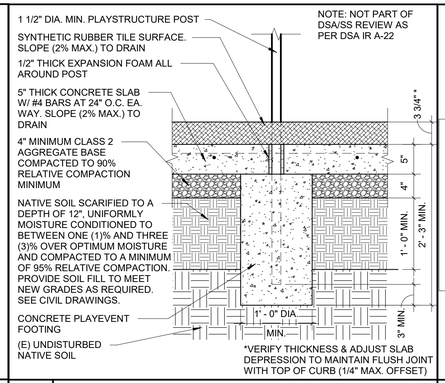
A1.3



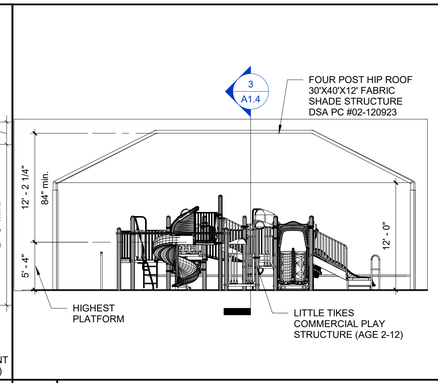
20 CONCRETE CURB AT PLAY STRUCTURE TRENCH DRAIN
SCALE: 1 1/2" = 1'-0" FILENAME: 32_16_63



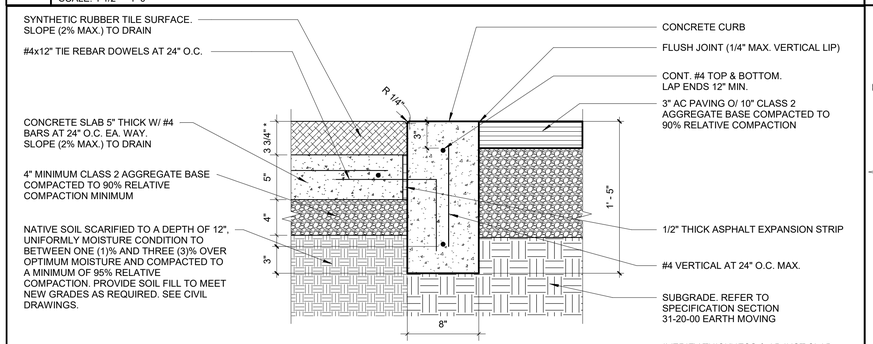
6 MOWSTRIP AT CHAIN LINK FENCE
SCALE: 1 1/2" = 1'-0" *FILENAME: 32_13_16*



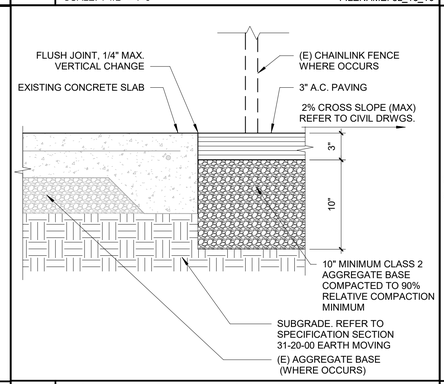
8 PLAY STRUCTURE PLAY EVENT FTG.
SCALE: 1" = 1'-0" FILENAME: 32_16_61



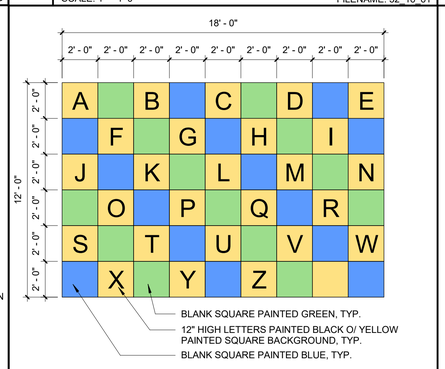
4 SHADE STRUCTURE LONG. SECTION
SCALE: 1/8" = 1'-0" *FILENAME: FILENAME: 00_00_00*



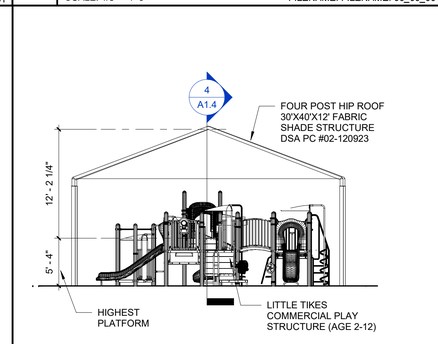
19 CONCRETE CURB AT PLAY STRUCTURE AT AC PAVING
SCALE: 1 1/2" = 1'-0" FILENAME: 32_16_63



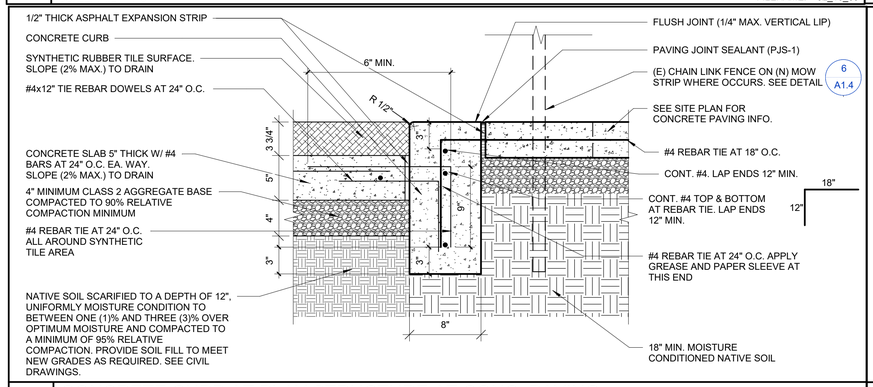
2 AC PAVING AT (E) CONC. EDGE
SCALE: 1 1/2" = 1'-0" *FILENAME: 32_13_53*



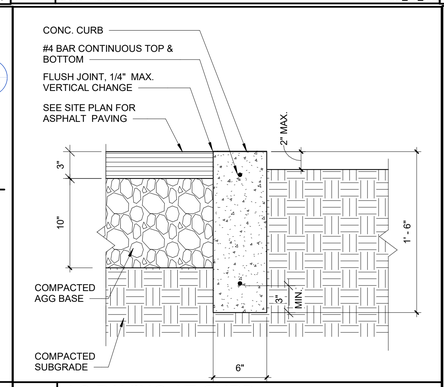
7 ALPHABET PLAY YARD PAINT
SCALE: 1/4" = 1'-0"



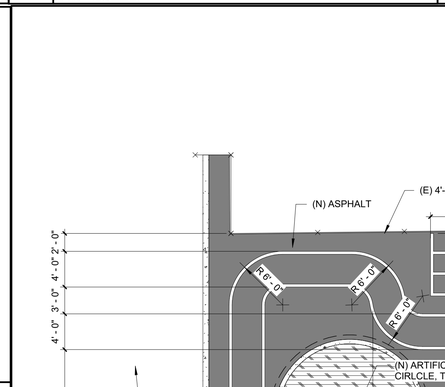
3 SHADE STRUCTURE CROSS SECTION
SCALE: 1/8" = 1'-0"



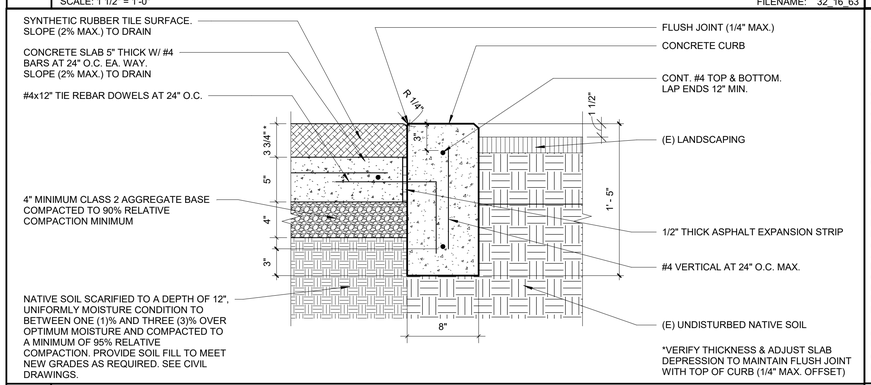
18 CONCRETE CURB AT PLAY STRUCTURE AT CONC. PAVING
SCALE: 1 1/2" = 1'-0" FILENAME: 32_16_63



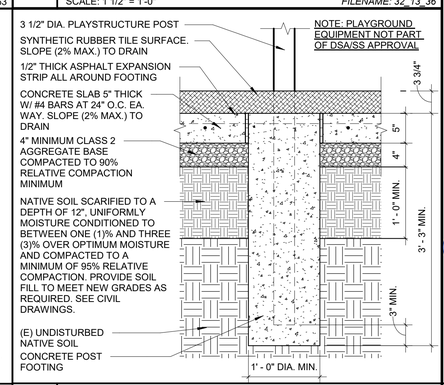
1 AC PAVING AT CURB
SCALE: 1 1/2" = 1'-0" *FILENAME: 32_13_36*



5 TRIKE PATH
SCALE: 1/8" = 1'-0" *FILENAME: FILENAME: 00_00_00*



17 CONCRETE CURB AT PLAY STRUCTURE AT LANDSCAPING
SCALE: 1 1/2" = 1'-0" FILENAME: 32_16_63



9 PLAY STRUCTURE POST FOOTING
SCALE: 1" = 1'-0" FILENAME: 32_16_60

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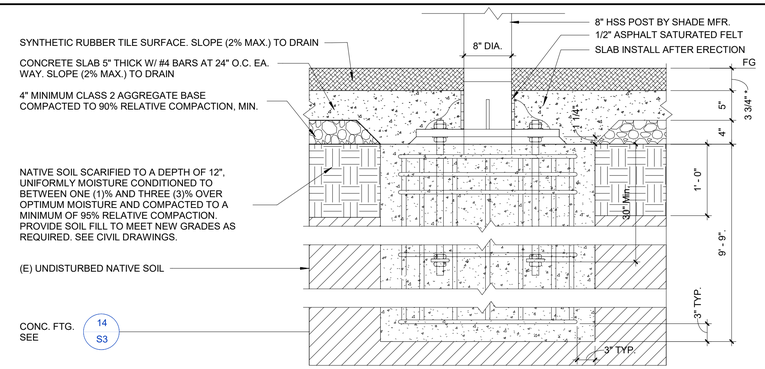
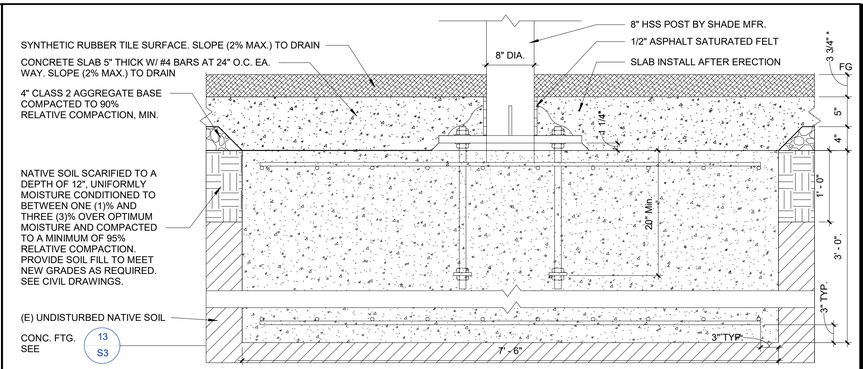
SITE DETAILS

A1.4



16 SHADE STRUCTURE PIER FOOTING OPTION DETAIL
SCALE: 1" = 1'-0"
FILENAME: 32_16_62

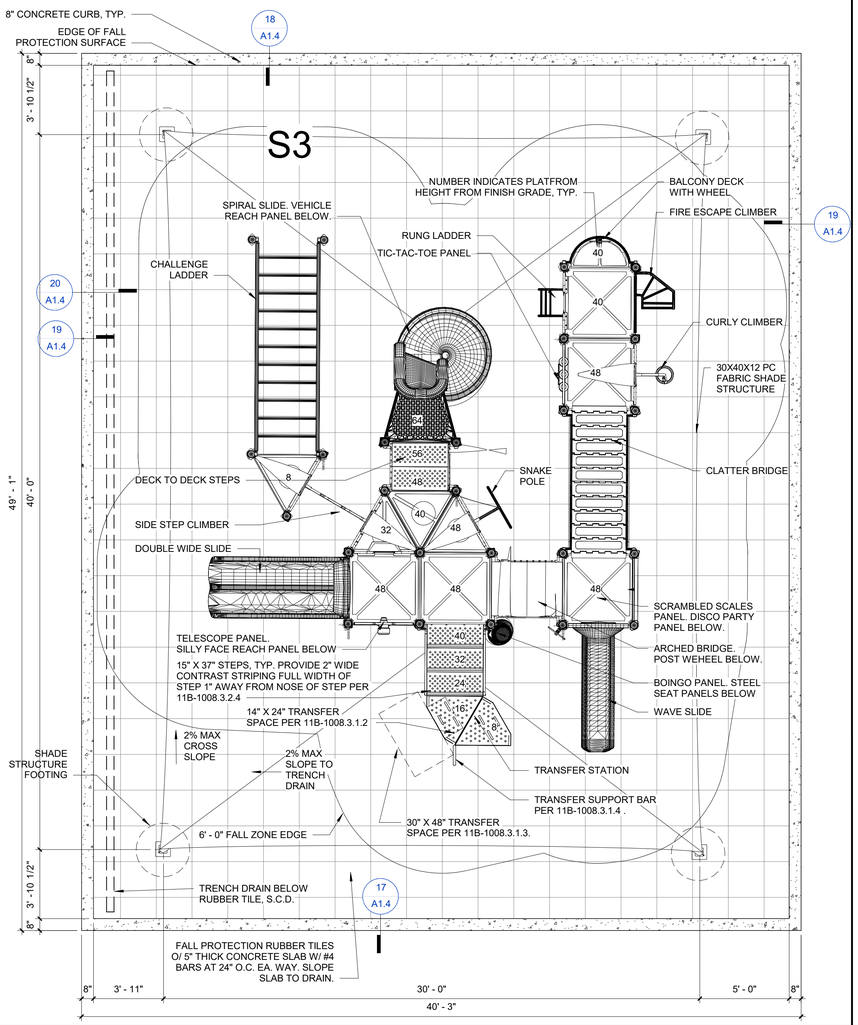


8 SHADE STRUCTURE SPREAD FOOTING OPTION DETAIL
SCALE: 1" = 1'-0"
FILENAME: 32_16_62

NOTE: PLAYGROUND EQUIPMENT IS NOT PART OF DSA/SS REVIEW AS PER DSA IR A-22

ACCESSIBLE AVTIVITY LEGEND (SHALL COMPLY WITH SEC. 11B-1008 2022 CBC)
AGE GROUP: 2-12
ELEVATED PLAY ACTIVITIES - TOTAL: 14
ELEVATED PLAY ACTIVITIES ACCESSIBLE BY TRANSFER: 8 REQ'D 7
ELEVATED PLAY ACTIVITIES ACCESSIBLE BY RAMP: 0 REQ'D 0
GROUP LEVEL ACTIVITY TYPE: 4 REQ'D 3
GROUND LEVEL QUANTITY: 7 REQ'D 5

FOR FOUNDATION PLAN SEE DETAIL 5 / A1.5



13 PLAY STRUCTURE PLAN
SCALE: 1/4" = 1'-0"
FILENAME: FILENAME: 00_00_00

LEGEND

POST FOOTING. SEE DETAIL - NUMBER DENOTES TOTAL POST LENGTH — 9 / A1.4

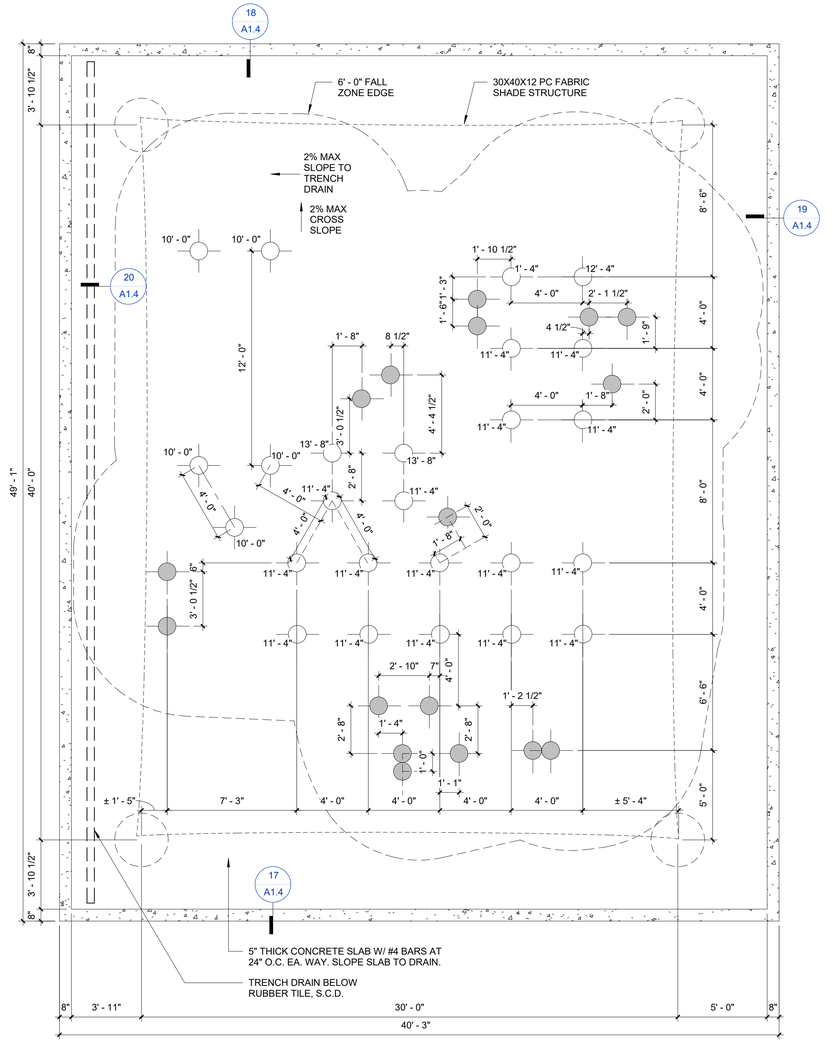
PLAY EVENT FOOTING. SEE DETAIL — 8 / A1.4

SHADE STRUCTURE FOOTING. SEE DETAIL

SPREAD FTG: 13 / S3 — 8 / A1.5

PIER FTG: 14 / S3 — 16 / A1.5

NOTE: PLAYGROUND EQUIPMENT IS NOT PART OF DSA/SS REVIEW AS PER DSA IR A-22



5 PLAY STRUCTURE FOUNDATION PLAN
SCALE: 1/4" = 1'-0"
FILENAME: PLAY FNDTN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-123177 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/03/2025

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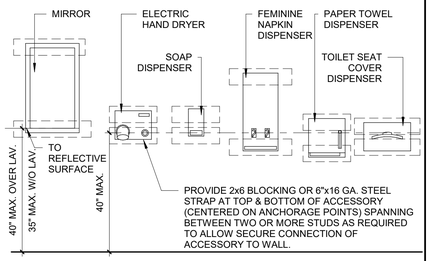
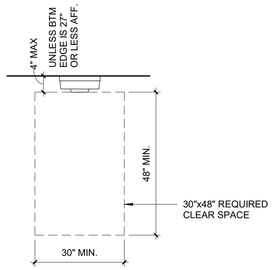
SITE DETAILS

A1.5



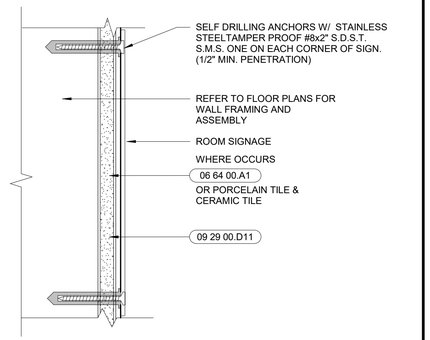
ELEVATION NOTES:

1. THESE DETAILS SHOW THE MINIMUM ACCESS REQUIREMENTS FOR ACCESSIBLE TOILET ROOM ACCESSORIES.
2. ACCESSORIES SHOWN ARE GENERIC. REFER TO TOILET ROOM ACCESSORY SCHEDULE FOR ACCESSORIES USED.
3. FOR RECESSED UNITS PROVIDE BLOCKED OUT OPENING PER MANUFACTURER'S ROUGH-IN DIMENSIONS. REFER TO DETAIL FOR STEEL CONSTRUCTION. WRAP 1 LAYER OF 5/8" TYPE 'X' GYPSUM BOARD AROUND BLOCKED OPENING AT ONE HOUR FIRE RATED WALLS AND 2 LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD AT 2 HOUR FIRE RATED AND AREA SEPARATION WALLS.

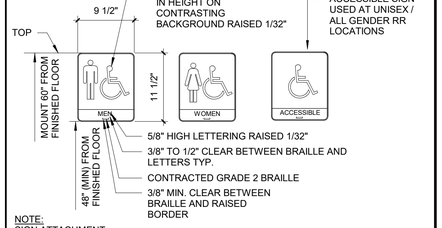


PLAN

19 TOILET ROOM ACCESSORIES
SCALE: 1/2" = 1'-0" *FILENAME: ACC_RR_07*



15 INT. ROOM SIGNAGE ATTACHMENT
SCALE: 6" = 1'-0" *FILENAME: 10_11_44*



NOTE:
SIGN ATTACHMENT DETAILS SEE 15 / A1.6

PROVIDE PLASTIC ENGRAVED, 9 1/2" WIDE x 11 1/2" HIGH x 1/8" THICK (BACKGROUND) CALIFORNIA TITLE 24 AND ADA COMPLIANT COMBINATION RESTROOM NAME & SYMBOL SIGN.

PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY ON SIGN. SYMBOL SHALL HAVE A WHITE CHARACTER ON A CONTRASTING BACKGROUND AND SHALL BE 6" HIGH

RESTROOM NAMES SHALL BE PER SIGNAGE SECTION OF DOOR SCHEDULE.

COLORS SHALL BE SELECTED BY THE ARCHITECT AND SHALL MATCH SIGNS ALREADY INSTALLED ON CAMPUS.

TACTILE LETTERS AND NUMBERS SHALL COMPLY WITH THE REQUIREMENTS OF PARAGRAPH 2.1 C OF PROJECT MANUAL SECTION 10 14 00 "SIGNS AND GRAPHICS" AND 2019 CALIFORNIA BUILDING CODE SECTION 11B-703.2.

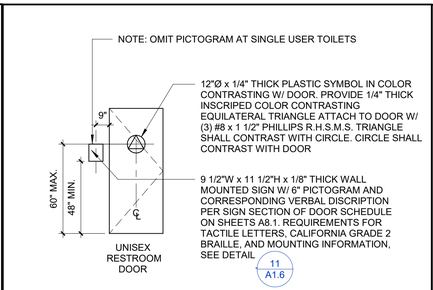
TACTILE LETTERS AND/OR NUMBERS ON SIGNS SHALL BE DUPLICATED IN CONTRACTED GRADE 2 BRAILLE COMPLYING WITH THE REQUIREMENTS OF PARAGRAPH 2.1 D OF PROJECT MANUAL SECTION 10 14 00 "SIGNS AND GRAPHICS" AND 2019 CALIFORNIA BUILDING CODE SECTION 11B-703.3.

PROVIDE 3/32" WIDE BORDERS RAISED 1/32" AND 1/2" RADIUS CORNERS.

CHARACTERS & SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND (70% MIN.) THE BACKGROUND OF SIGN SHALL CONTRAST WITH WALL COLOR (70% MIN.) SIGNS SHALL HAVE AN NON-GLARE MATTE FINISH.

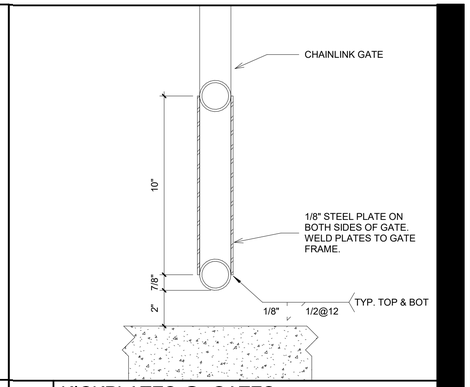
SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL PREFERABLY ON THE RIGHT HAND SIDE.

11 RESTROOM SIGNAGE
SCALE: 1" = 1'-0" *FILENAME: 10_14_10*

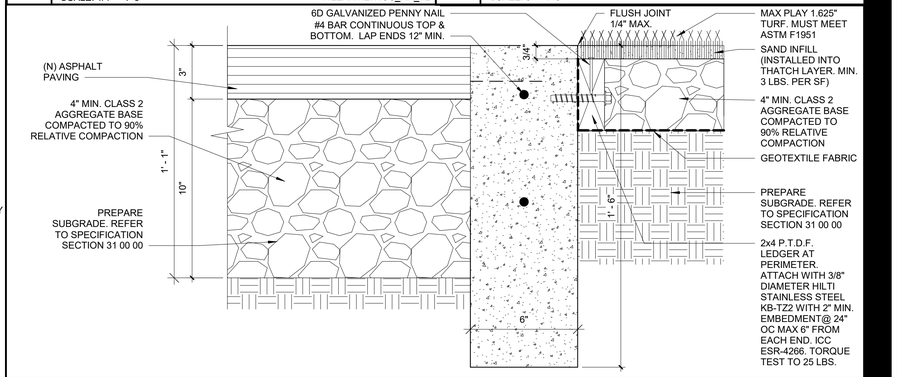


NOTE:
THE CHARACTERS & BACKGROUND OF THE SIGNS SHALL HAVE A NON-GLARE MATTE FINISH AND THE COLOR OF THE SIGN SHALL DISTINCTIVELY CONTRAST WITH THE COLOR OF THE SURFACE THE SIGN IS MOUNTED ON OR TO. COLORS SHALL BE SELECTED BY ARCHITECT

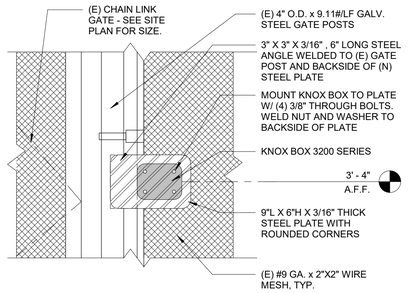
8 ACCESSIBLE UNISEX RR SIGNAGE
SCALE: 1/4" = 1'-0" *FILENAME: ACC_RR_12*



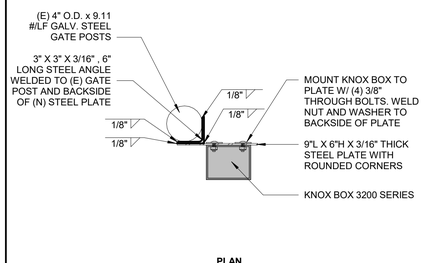
2 KICKPLATES @ GATES
SCALE: 3" = 1'-0"



7 CURB @ SYNTHETIC TURF
SCALE: 3" = 1'-0" *FILENAME: 32 16 73*

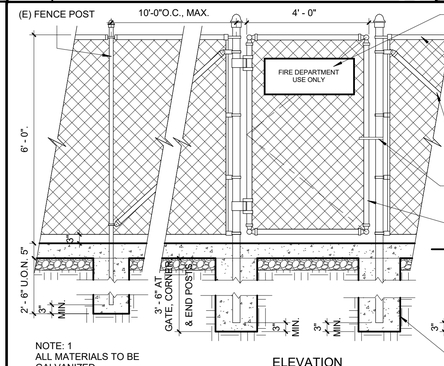


ELEVATION

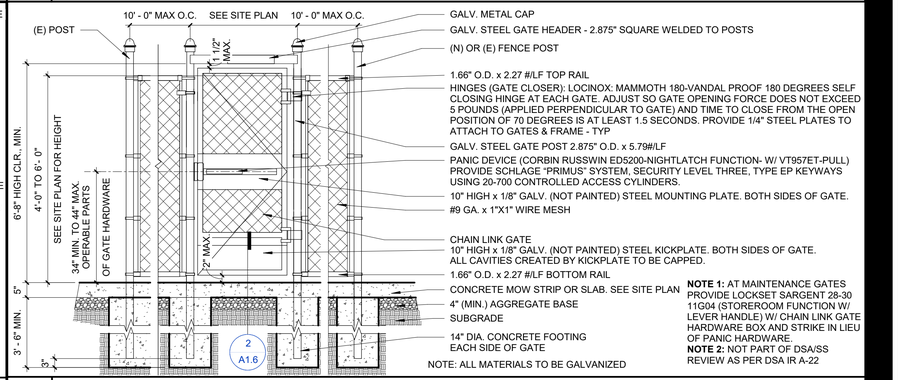


PLAN

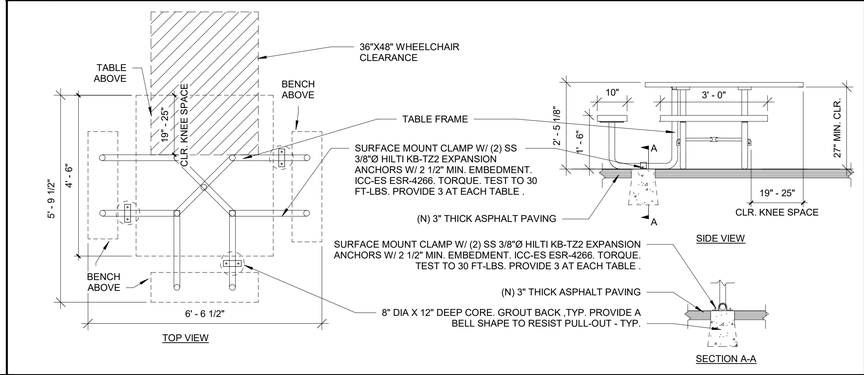
17 KNOX BOX ATTACHMENT @ CL FENCE
SCALE: 1 1/2" = 1'-0"



14 CHAINLINK FIRE SERVICE GATE
SCALE: 1/2" = 1'-0" *FILENAME: 32_31_07*



3 CL GATE W/ PANIC HARDWARE
SCALE: 1/2" = 1'-0" *FILENAME: 32_31_66*



13 ACCESSIBLE SQUARE TABLE ANCHORAGE
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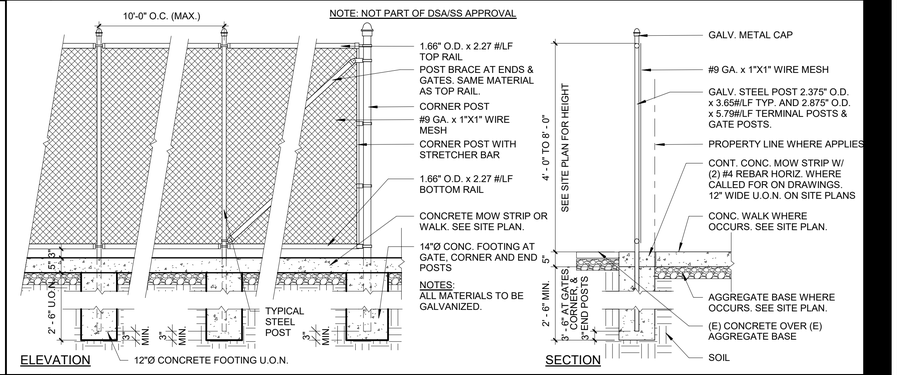

5 CHAIN-LINK FENCE
SCALE: 1/2" = 1'-0" *FILENAME: 32_31_04*

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CONSULTANT

LCAP PreK PLAYGROUND PROJECT - ROOSEVELT ES

776 S. BROADWAY AVE.
STOCKTON, CA 95205

STOCKTON UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2024-06 - ROOSEVELT
ISSUE SET: CD
ISSUE DATE: 02/19/2025
DRAWN BY: HD

SITE DETAILS

A1.6

C:\Users\hayal\Documents\Revit_2023\2024-06_LCAP_ROOSEVELT PLAYGROUND_SITE_hayalNRD3T.rvt
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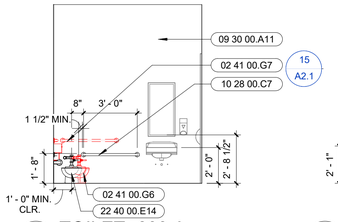
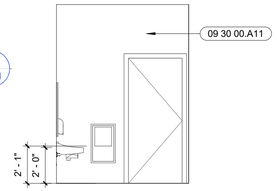
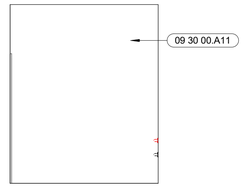


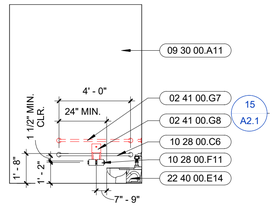
2 TOILET- 603 A
1/4" = 1'-0"



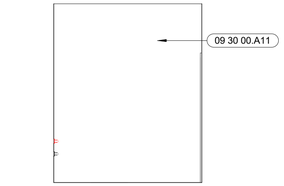
3 TOILET- 603 B
1/4" = 1'-0"



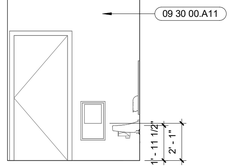
4 TOILET- 603 C
1/4" = 1'-0"



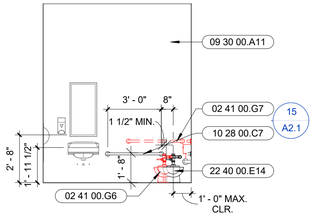
5 TOILET- 603 D
1/4" = 1'-0"



6 TOILET- 604 A
1/4" = 1'-0"



7 TOILET- 604 B
1/4" = 1'-0"



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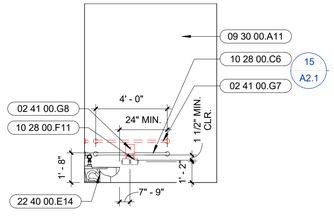
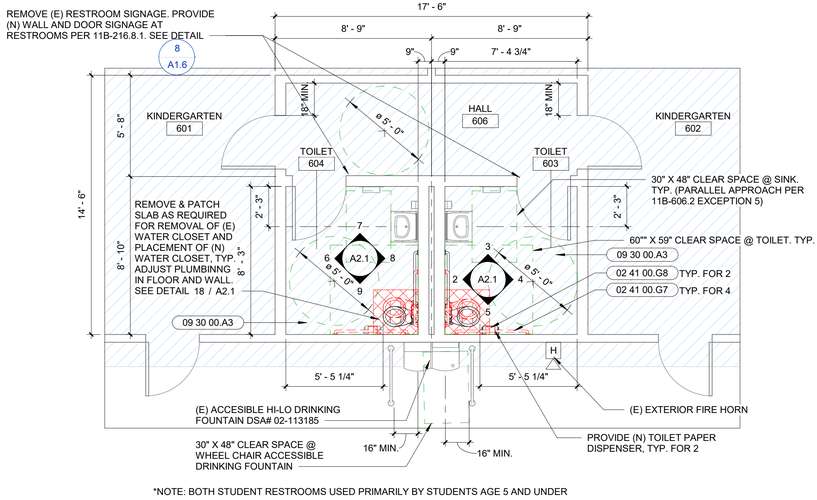
1/4" = 1'-0"

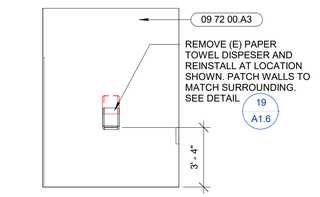


9 TOILET- 604 D
1/4" = 1'-0"

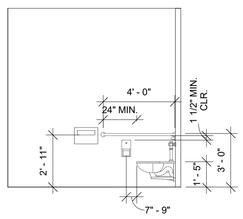


*NOTE: BOTH STUDENT RESTROOMS USED PRIMARILY BY STUDENTS AGE 5 AND UNDER

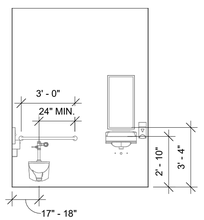
1 (E) STUDENT RESTROOM @ BUILDING C (DSA# 02-113185)
1/4" = 1'-0"



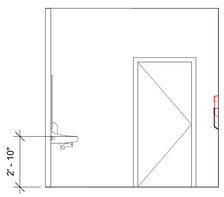
11 STAFF TOILET - 403 A
1/4" = 1'-0"



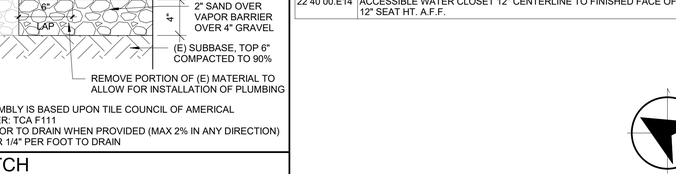
12 STAFF TOILET - 403 B
1/4" = 1'-0"



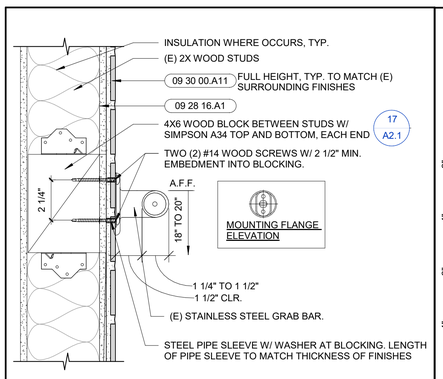
13 STAFF TOILET - 403 C
1/4" = 1'-0"



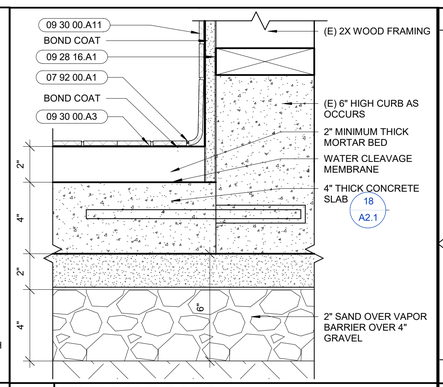
14 STAFF TOILET - 403 D
1/4" = 1'-0"



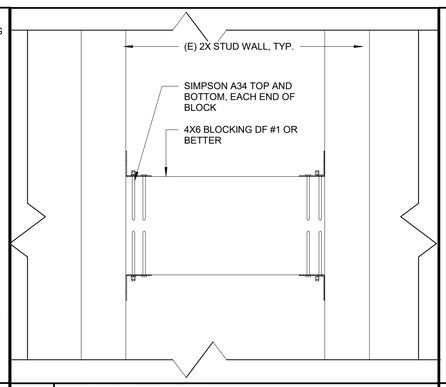
10 (E) STAFF RESTROOM @ BUILDING D (DSA# 02-113185)
1/4" = 1'-0"



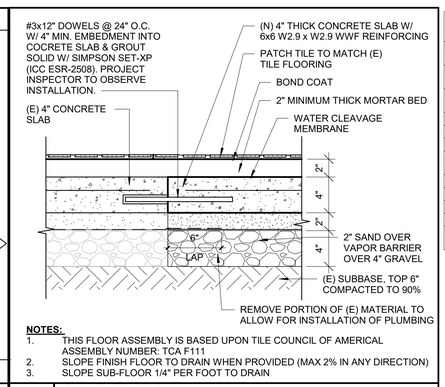
15 GRAB BAR ATTACHMENT
SCALE: 3" = 1'-0"
FILENAME: 10_28_15



16 TILE COVE BASE
SCALE: 3" = 1'-0"
FILENAME: 09_30_00



17 TYP. BLOCKING
SCALE: 3" = 1'-0"



NOTES:
1. THIS FLOOR ASSEMBLY IS BASED UPON TILE COUNCIL OF AMERICAL ASSEMBLY NUMBER: TCA F111
2. SLOPE FINISH FLOOR TO DRAIN WHEN PROVIDED (MAX 2% IN ANY DIRECTION)
3. SLOPE SUB-FLOOR 1/4" PER FOOT TO DRAIN

18 SLAB PATCH
SCALE: 1 1/2" = 1'-0"
FILENAME: 03_31_23

KEYNOTE LEGEND

02 41 00.G6	REMOVE (E) WATER CLOSET. PATCH/RETILE WALL TO MATCH EXISTING SURROUNDINGS. REPLACE TILE AS NEEDED. PATCH FLOOR AND CAP DRAIN.
02 41 00.G7	REMOVE & SALVAGE (E) GRAB BAR FOR REUSE AT NEW WORK. PATCH/RETILE WALL TO MATCH EXISTING SURROUNDINGS.
02 41 00.G8	REMOVE (E) TOILET PAPER DISPENSER. REMOVE EXISTING CERAMIC TILE AND ADD BLOCKING.
07 92 00.A1	SEALANT
09 28 16.A1	5/8" DENS SHIELD TILE BACKER BOARD
09 30 00.A3	2" X 2" FLOOR TILE TO MATCH EXISTING
09 30 00.A11	4 1/4" WIDE X 4 1/4" CERAMIC TILE WALL FINISH AND COVED CERAMIC TILE BASE TO MATCH EXISTING
09 72 00.A3	FIBERGLASS REINFORCED PANEL (FRP)
10 28 00.C6	REINSTALL (E) "48" GRAB BAR, MOUNT TOP @ 20" HT. A.F.F."
10 28 00.C7	REINSTALL (E) "36" GRAB BAR, MOUNT TOP @ 20" HT. A.F.F."
10 28 00.F11	(N) TOILET PAPER DISPENSER
22 40 00.E14	ACCESSIBLE WATER CLOSET 12" CENTERLINE TO FINISHED FACE OF WALL & 12" SEAT HT. A.F.F.

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CONSULTANT

LCAP PreK PLAYGROUND PROJECT - ROOSEVELT ES

776 S. BROADWAY AVE.
STOCKTON, CA 95205

STOCKTON UNIFIED SCHOOL DISTRICT

REVISIONS

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DRAWN BY:	HD

EXISTING RESTROOM PLANS PER DSA# 02-113185

A2.1

General Notes:

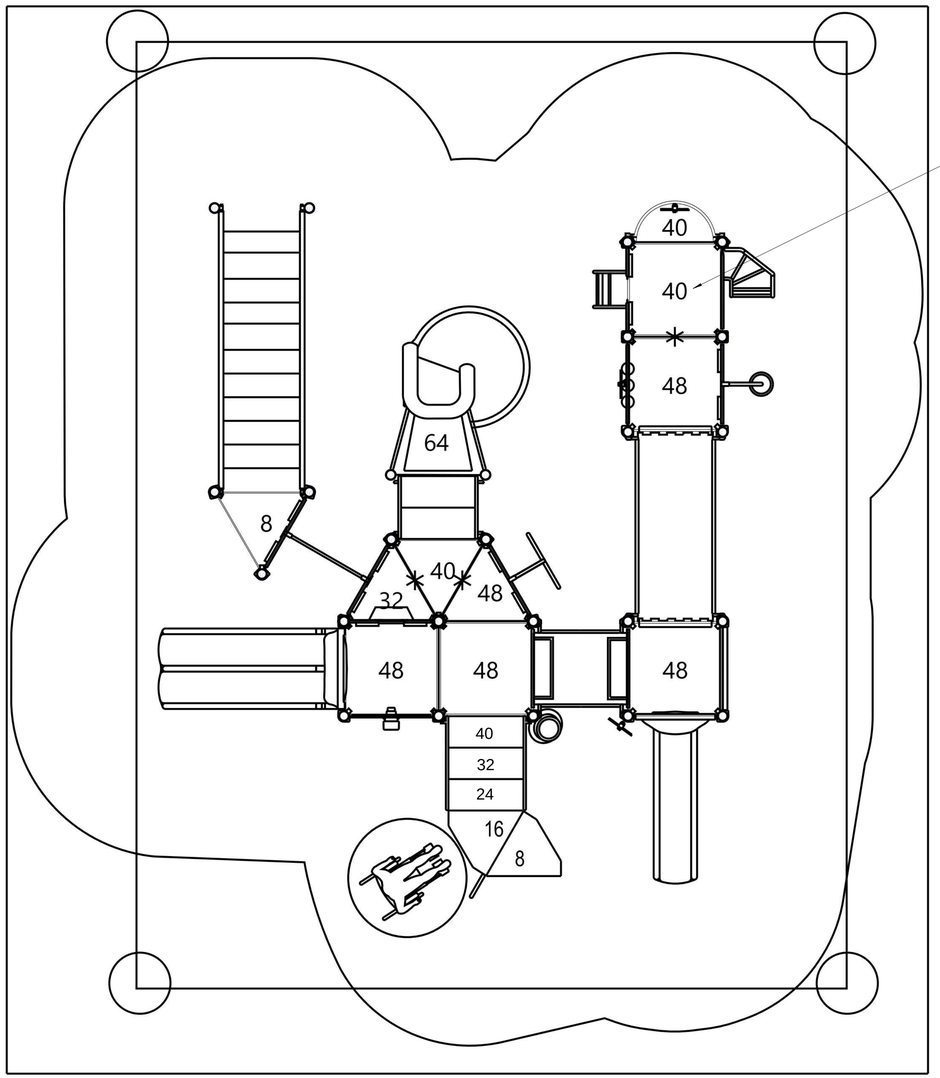
Age Group

☐ 2-5yrs ☐ 5-12 yrs ☑ 2-12yrs ☐ 13+ yrs

1. The Americans with Disabilities Act (ADA) may require that you make your park and/or playground accessible when viewed in its entirety. Please consult your legal counsel to determine if the ADA applies to you.
2. For playground equipment to be considered accessible, accessible surfacing must be utilized in applicable areas.
3. Although a particular playground design may not meet the proposed Access Board Regulations in regards to the appropriate number of ground level events, the actual playground may be in compliance when considering existing play components.
4. All deck heights are measured from top of ground cover.
5. Fall absorbing ground cover is required under and around all play equipment.
6. The minimum recommended fall zone around the entire playstructure is shown. This zone is to be free of all tripping or collision hazards (i.e. roots, rocks, border material, etc.).
7. All post lengths are identified by text showing the post lengths, i.e. 96 represents a 96 inch post.
8. Not all equipment may be appropriate for all children. Supervision is required.

AGE GROUP:	2-12		
ELEVATED PLAY ACTIVITIES - TOTAL:	14		
ELEVATED PLAY ACTIVITIES ACCESIBLE BY TRANSFER:	8	REQ'D	7
ELEVATED PLAY ACTIVITIES ACCESIBLE BY RAMP:	0	REQ'D	0
GROUND LEVEL ACTIVITY TYPE:	4	REQ'D	3
GROUND LEVEL QUANTITY:	7	REQ'D	5

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



NUMBER INDICATES PLATFORM HEIGHT FROM FINISH GRADE. TYP.

Playground Layout Compliance:

☑ ASTM F1487 - Playground Equipment for Public Use.
☑ CPSC Handbook for Public Playground Safety

☑ This playground design meets the final Access Board Regulations.

IPEMA CERTIFIED ASTM F1487

The play components identified in this plan are IPEMA certified.The use and layout of these components conform to the requirements of ASTM F1487.

LEED points for this structure
2

Project:
Roosevelt ES 2-12 Playground
Stockton, CA

LTCPS rep:
Glen Wurster
All About Play
(916) 923-2180

Ground Space: 26'-6" x 31'-6"
Protective Area: 38'-6" x 42'-0"

Drawn by: Glen Wurster
Date: 12/02/2024
DWG Name: R0317_45628611802

LTCPS - Farmington
878 East Highway 60
Monett, Missouri 65708
Voice: 1-800-325-8828
Fax: 417-354-2273

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-123177 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/03/2025

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LICENSED ARCHITECT · TIMOTHY L. DEARBORN · C-25928 · RENEWAL 12 / 2025 · STATE OF CALIFORNIA

CONSULTANT

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DRAWN BY:	Author

PLAYGROUND LAYOUT COMPLIANCE

P1

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FRONT

BACK

PLAYGROUND PERSPECTIVE RENDERS

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PLAYGROUND PERSPECTIVE RENDERS

P2

APPLICABLE CODES AND STANDARDS

2022 California Administrative Code (CAC), Part 1, Title 24 CCR*
2022 California Building Code (CBC), Part 2, Title 24 CCR
(2021 International Building Code, Vol. 1 & 2, and 2022 California amendments)
2022 California Electrical Code (CEC), Part 3, Title 24 CCR
(2020 National Electrical Code and 2022 California Amendments)
2022 California Mechanical Code (CMC), Part 4, Title 24 CCR
(2021 IAPMO Uniform Mechanical Code and 2022 California amendments)
2022 California Plumbing Code (CPC), Part 5, Title 24 CCR
(2021 IAPMO Uniform Plumbing Code and 2022 California amendments)
2022 California Energy Code (CEC), Part 6, Title 24 CCR
2022 California Fire Code (CFC), Part 9, Title 24 CCR
(2021 International Fire Code and 2022 California Amendments)
2022 California Existing Building Code (CEBC), Part 10, Title 24 CCR
(2021 International Existing Building Code and 2022 California Amendments)
2022 California Green Building Standards Code (CALGreen), Part 11, Title 24 CCR
2022 California Referenced Standards Code, Part 12, Title 24 CCR
Title 19 CCR, Public Safety, State Fire Marshal Regulations
2019 ASME A17.1/CSA B44-13 Safety Code for Elevators and Escalators (per 2022 CBC Part 2 Ch 35)
Note: Cal/OSHA Elevator Unit enforces CCR Title 8 and uses the 2004 ASME A17.1 by adoption
NFPA 13 (2022) - Standard for the Installation of Sprinkler Systems (CA amended)
NFPA 14 (2019) - Standard for the Installation of Standpipe and Hose Systems (CA amended)
NFPA 17 (2021) - Standard for Dry Chemical Extinguishing Systems
NFPA 17A (2021) - Standard for Wet Chemical Extinguishing Systems
NFPA 20 (2019) - Standard for the Installation of Stationary Pumps for Fire Protection
NFPA 22 (2018) - Standard for Water Tanks for Private Fire Protection
NFPA 24 (2019) - Standard for the Installation of Private Fire Service Mains and Their Appurtenances (CA amended)
NFPA 72 (2022) - National Fire Alarm and Signaling Code (CA amended)
NFPA 80 (2019) - Standard for Fire Doors and Other Opening Protectives
NFPA 2001 (2018) - Standard on Clean Agent Fire Extinguishing Systems (CA amended)
UL 300 (2005, R2010) - Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment
UL 464 (2003) - Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
UL 521 (1999) - Standard for Heat Detectors for Fire Protective Signaling Systems
UL 1971 (2002, R2010) - Standard for Signaling Devices for the Hearing Impaired
ICC 300 (2017) - Standard for Bleachers, Folding and Telescopic Seating, and Grandstands

ABBREVIATIONS & SYMBOLS

A	AREA	S	SECTION MODULOUS
DIM.	DIMENSION	SHT.	SHEET
EA.	EACH	SIM.	SIMILAR
EXT.	EXTERIOR	SQ.	SQUARE
FT.	FOOT OR FEET	Std.	STANDARD
GA	GAGE	STRUC.	STRUCTURAL
INSP.	INSPECTIONS	SYM.	SYMMETRICAL
INT.	INTERIOR	t	THICKNESS
KSI	KIPS PER SQUARE INCH	TYP.	TYPICAL
I	MOMENT OF INERTIA	U.O.N.	UNLESS OTHERWISE NOTED
LB	POUND	xS	EXTRA STRONG
MAX.	MAXIMUM	Ø	DIAMETER
MIN.	MINIMUM	#	NUMBER
NA	NOT APPLICABLE	<	LESS THAN
NO.	NUMBER	>	GREATER THAN
OZ.	OUNCES	≤	LESS THAN OR EQUAL TO
PL	PLATE	≥	GREATER THAN OR EQUAL TO
PSF	POUND PER SQUARE FOOT		

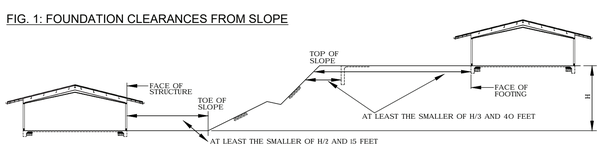
DESIGN CRITERIA

1. VERTICAL LOADS
   - 1.A. CANOPY LIVE LOAD = 5 psf (NON-REDUCIBLE)
   - 1.B. CANVAS DEAD LOAD = 0.069 psf
   - 1.C. SUPERIMPOSED LOAD = 0.5 psf (TEMPORARY LOAD)
   - 1.D. LIVE LOAD = 5 psf
   - 1.E. GROUND SNOW LOAD = 0 psf
2. LATERAL LOADS
   - 2.A. WIND (ASCE/SEI 7-16 DIRECTIONAL PROCEDURE)
     ULTIMATE DESIGN WIND SPEED: V_{ULT} = 110 mph
     NOMINAL DESIGN WIND SPEED: V_{ASD} = 85 mph
     EXPOSURE CATEGORY = "C"
     RISK CATEGORY = II
     CLASSIFICATION: OPEN STRUCTURE (CLEAR WIND FLOW), K_d = 1.0
     WIND VELOCITY PRESSURE: q_h = 0.00256 K_z K_{zt} K_d V^2 = 22.38 psf
     NOTE: WIND IS BASED ON OPEN STRUCTURE WITH CLEAR WIND FLOW
   - 2.B. EARTHQUAKE (EQUIVALENT LATERAL FORCE PROCEDURE)
     MAPPED SPECTRAL RESPONSE ACCELERATIONS, S_S = 2.500, S_1 = 0.750
     SITE CLASS = "D", UNLESS A SITE-SPECIFIC GROUND MOTION HAZARD ANALYSIS IS PERFORMED, THE S_{M1} VALUE INCREASED BY 50% SHALL BE LESS THAN THE DESIGN CRITERIA STATED HEREIN.
     RISK CATEGORY = II
     SEISMIC DESIGN CATEGORY (SDC) = "E"
     ORDINARY STEEL CANTILEVERED COLUMN SYSTEM
     SPECTRAL RESPONSE COEFFICIENTS, Fa = 1.2, Fv = 1.7, S_{DS} = 2.0, S_{D1} = 0.850
     REDUNDANCY FACTOR: FOR HIP STYLE ρ = 1.0, FOR UMBRELLA STYLE ρ = 1.3
     IMPORTANCE FACTOR: I_e = 1.0
     OVERSTRENGTH FACTOR: Ω_0= 1.25
     RESPONSE MODIFICATION FACTOR, R = 1.25
     SEISMIC RESPONSE COEFFICIENT, C_S = 1.6
     SEISMIC BASE SHEAR: V = 1.6W (STRENGTH LEVEL)
     MAXIMUM FUNDAMENTAL PERIOD OF STRUCTURE: 0.25 seconds
     HORIZONTAL OR VERTICAL IRREGULARITY: NONE
3. ULTIMATE REACTION LOADS (MAX. LOADS)
   - 3.A. HIP SHADE (PER COLUMN)
     DEAD: 0.57 k
     LIVE: 1.84 k
     WIND (LRFD):
     2.2 k (DOWN)
     1.1 k (UPLIFT)
     7.6 k (HORIZONTAL
     89.9 k-ft (MAX. MOMENT)
     SEISMIC(LRFD):
     0.83 k (HORIZONTAL)
     9.9 k-ft (MAX. MOMENT)
   - 3.B. UMBRELLA SHADE (PER COLUMN)
     DEAD: 1.04 k
     LIVE: 2.81 k
     WIND (LRFD):
     4.87 k (DOWN)
     3.24 k (UPLIFT)
     3.3 k (HORIZONTAL
     27.6 k-ft (MAX. MOMENT)
     SEISMIC (LRFD):
     1.64 k (HORIZONTAL)
     19.68 k-ft (MAX. MOMENT)
4. PIER FRICTION RESISTANCE
   PIER FRICTION COEFFICIENT: μ = 0.3
   MAXIMUM PIER FRICTION RESISTANCE: f = 28 k
5. MINIMUM CLEARANCES
   - 5.A. AS PER IR PC-4 5.4.5: THE MINIMUM CLEARANCE REQUIRED BETWEEN DRILLED PIERS WHEN PLACING MULTIPLE CANOPIES IS: 8 x PIER DIAMETER (16', 20', OR 24' FROM PIER TO PIER).
   - 5.B. THE MINIMUM SEISMIC SEPARATION BETWEEN ADJACENT SHADE STRUCTURES IS 4 INCHES.

GENERAL NOTES

1. MATERIAL SPECIFICATIONS
   - 1.A. SOIL (NO SOIL REPORT PROVIDED): SOIL BEARING PRESSURE = 1500 PSF AT 24" BELOW THE LOWEST GRADE. LATERAL BEARING PRESSURE = 200 PSF/FT (CLASS 5), INCREASED PER CBC SECTION 1806A.3.4. A SITE-SPECIFIC GEOTECHNICAL REPORT IS REQUIRED AT THE TIME OF SITE APPLICATION WHEN USING LOAD-BEARING VALUES ABOVE THE STATED MAXIMUMS FOR CLASS 5 SOIL. ALLOWABLE PIER FRICTIONAL UPLIFT CAPACITY = 250 PSF. 1/3 INCREASE FOR SHORT TERM LOADS IS NOT ALLOWED.
   - 1.B. CONCRETE: f'_c = 4,500 psi MIN. @ 28 DAYS (SPECIAL INSPECTION REQUIRED). CONCRETE SHALL BE MADE WITH TYPE V CEMENT, PLUS POZZOLAN OR SLAG CEMENT COMPLYING WITH FOOTNOTE 7 OF ACI 318 TABLE 19.3.2.1, WITH A WATER TO CEMENT RATIO NOT MORE THAN 0.45. SITE-SPECIFIC GEOTECHNICAL REPORT MUST BE PROVIDED IF A LOWER f'_c IS DESIRED. APPLICABLE EXPOSURE LEVELS = S2. CONCRETE EXPOSED TO FREEZING-AND-THAWING CYCLES SHALL BE AIR ENTRAINED PER ACI 318 SECTION 19.3.3. ADMIXTURES CONTAINING CALCIUM AND CHLORIDE ARE PROHIBITED.
   - 1.C. REINFORCING STEEL: ASTM A615, GRADE 60, EXCEPT STIRRUPS AND TIES SHALL BE GRADE 40.
   - 1.D. PLATE STEEL: ASTM A36, F_Y = 36ksi
   - 1.E. SCHEDULE PIPE: ASTM A500 GRADE B&C, F_Y = 46 ksi
   - 1.F. STRUCTURAL TUBES: ASTM A500 GRADE B, Ø<3" F_Y = 50 ksi, Ø≥3" 46 ksi. CORROSION PROTECTION SHALL BE TRIPLE COATED FLO-COAT® HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A 1057/A1057M.
   - 1.G. MACHINED BOLTS: ASTM F593C/304 OR F593D/304 (LOCK NUTS ARE REQUIRED).
   - 1.H. LOCK NUTS: ASTM F594; ASME B18.16.6
   - 1.I. SELF-TAP SCREWS: AISI 410 SS
   - 1.J. ANCHOR BOLTS: ASTM F1554 GRADE 36 MINIMUM
   - 1.K. ANCHOR NUTS: ASTM A563
   - 1.L. CABLE STEEL: 7x19 OR 6x36 CLASS IWRC (TYPICALLY REFERRED TO AS AIRCRAFT CABLE), CABLE SHALL BE AISI 304 STAINLESS STEEL, ASTM A240.
     NOMINAL CABLE STRENGTH FOR 3/16"Ø F_u = 3.7k, 1/4"Ø F_u = 6.4k, 5/16"Ø F_u = 9k, 3/8"Ø F_u = 12k, 7/16"Ø Fu = 16.3k.
     ALLOWABLE STRENGTH FOR 3/16"Ø S_a = 1.23k, 1/4"Ø S_a = 2.18k, 5/16"Ø S_a = 3.07k, 3/8"Ø S_a = 4.09k, 7/16"Ø S_a = 6.3k.
     MIN. PRETENSION FORCE ON 1/4"Ø = 0.10k, ON 5/16"Ø = 0.15k, ON 3/8"= 0.20k, ON 7/16"Ø = 0.25k.
     MAX. PRETENSION FORCE ON 1/4"Ø = 0.15k, ON 5/16"Ø = 0.23k, ON 3/8"Ø = 0.30k, ON 7/16"Ø = 0.35k.
   - 1.M. WELDING ELECTRODES SHALL BE GMAW / SEMI-AUTOMATIC, GRADE ER70S-6 PER AWS A-5.18
   - 1.N. GROUT: NON-SHRINK, NON-METALLIC GROUT, SHALL MEET ASTM C1107, MIN. F'c = 5,000 psi.
   - 1.O. EXPOSED STEEL FASTENERS: ALL EXPOSED STEEL FASTENERS, INCLUDING CAST-IN-PLACE ANCHOR BOLTS/RODS, SHALL BE STAINLESS STEEL (TYPE 304 MINIMUM), OR HOT-DIP GALVANIZED (ASTM A153, CLASS D MINIMUM OR ASTM F2329 OR ASTM A325 HIGH STRENGTH)
2. WELDING
   - 2.A. WORKMANSHIP AND TECHNIQUE OF WELDING ARE TO CONFORM TO THE 2022 C.B.C. SECTION 2204A.1. ALL WELDS SHALL BE INSPECTED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE 2022 C.B.C. CHAPTER 17A, SECTION 1705A.2.5
3. CABLE CLIPS & TURNBUCKLES
   - 3.A. CABLE CLIPS SHALL BE FORGED STEEL PER FEDERAL SPECIFICATION FF-C-450 TYPE 1, CLASS 1 INSTALLED WITH THE U-BOLT ON THE CABLE DEAD END (SEE SPECIFICATION SHEET ON FINAL SHEET OF THIS SUBMITTAL). CABLE CLIPS WILL DEVELOP THE ALLOWABLE STRENGTH OF THE CABLE WHEN PROPER QUANTITY AND BOLT TORQUE IS USED.
   - 3.B. 3/16"Ø CABLE REQUIRES A MINIMUM OF 3 CLIPS, 1/4"Ø CABLE REQUIRES A MINIMUM OF 3 CLIPS, 5/16"Ø CABLE REQUIRES A MINIMUM OF 3 CLIPS, 3/8"Ø CABLE REQUIRES A MINIMUM OF 3 CLIPS, AND 7/16"Ø CABLE REQUIRES A MINIMUM OF 4 CLIPS.
   - 3.C. BOLT TORQUE FOR 3/16" Ø CABLE CLIPS = 7 lb-ft, FOR 1/4"Ø CABLE CLIPS = 15 lb-ft, FOR 5/16"Ø CABLE CLIPS = 30lb-ft, FOR 3/8"Ø CABLE CLIPS = 45lb-ft, FOR 7/16"Ø CABLE CLIPS = 65lb-ft.
   - 3.D. TURNBUCKLES SHALL BE AISI T316 STAINLESS STEEL. ALLOWABLE STRENGTH FOR 1/2"Ø S_a = 1.54k, 5/8"Ø S_a = 2.46k, FOR 3/4"Ø S_a = 3.52k.
4. BOLT HOLES
   - 4.A. ANCHOR BOLT HOLE DIAMETERS SHALL BE 1/8" LARGER THAN THE BOLT DIAMETER, ALL OTHER CONNECTION BOLT HOLE DIAMETERS SHALL BE 1/16" LARGER THAN THE BOLT DIAMETER
5. CORROSION PROTECTION
   - 5.A. ALL STEEL MEMBERS (U.N.O.) SHALL BE POWDER COATED WITH A ZINC RICH PRIMER AND TGIC POLYESTER TOP COAT MEETING ASTM B117, ASTM D2247, AND ASTM D4587-05
6. FABRIC MATERIAL
   - 6.A. FABRIC MATERIAL SHALL BE COMMERCIAL NINETYFIVE 340 FR FABRIC
   - 6.B. MAXIMUM MODULUS OF ELASTICITY = 657 LB/IN PER FABRIC THICKNESS
   - 6.C. THE FABRIC SHALL BE MANUFACTURED FROM HIGH DENSITY POLYETHYLENE POLYMER
   - 6.D. NOMINAL WEIGHT = 10 oz/yd²
   - 6.E. MIN. ULTIMATE BREAKING STRENGTH PER ASTM D 5034: WARP = 158.6 lbs, WEFT = 412.3 lbs
   - 6.F. MAX. ELONGATION: WARP = 49%, WEFT = 89%
   - 6.G. MIN. ULTIMATE TEAR STRENGTH PER ASTM D 2261: WARP = 43.0 lbf, WEFT =39.6 lbf
   - 6.H. ALLOWABLE STRENGTH OF SEAMS: 67.3 lb/in
   - 6.I. FIRE RETARDANT RATING PER CSFM - TITLE 19, (LICENSE # : F-037801).
   - 6.J. FABRIC SHADE STRUCTURES SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF CBC SECTION 3102 AND 3105
   - 6.K. FABRIC MATERIAL SHALL COMPLY WITH CBC SECTIONS 3102.3.1, 3105.3, AND CCR, TITLE 19, DIVISION 1, CHAPTER 8
7. QUALITY CONTROL
   - 7.A. QUALITY CONTROL PERFORMED BY THE SUPPLIER SHALL INCLUDE VISUAL AND/OR INSTRUMENTED VERIFICATION OF THE FOLLOWING ASPECTS, IF APPLICABLE: MATERIAL TRACEABILITY, WELD QUALITY, DIMENSIONAL ACCURACY, COATINGS, ASSEMBLY, PACKING, AND SHIPPING.
   - 7.B. ALL MANUFACTURER PERSONNEL SHALL RECEIVE TRAINING AS MANDATED BY SUPERIOR RECREATIONAL PRODUCTS. QUALITY PERSONNEL WILL BE CONTINUALLY TRAINED, INCLUDING PROCESS AUDITS THROUGHOUT THE PRODUCT REALIZATION. QUALITY ASSURANCE AUDITS SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF AN SRP AND LADBS CERTIFIED INSPECTOR.
   - 7.C. ALL WELDED STEEL PRODUCTS SHALL RECEIVE QUALITY ASSURANCE AUDITS AFTER WELDING TO ENSURE DIMENSIONAL ACCURACY AND WELD QUALITY. PAINTED STEEL PRODUCTS SHALL RECEIVE RANDOM QUALITY ASSURANCE AUDITS USING A FILM THICKNESS GAUGE 250 TIMES PER DAY ON PRIMER COAT AND 250 PER DAY ON TOP COAT TO ENSURE PROPER COATING THICKNESS.
   - 7.D. RECOMMENDATIONS FOR EXECUTION OF THE WORK SHALL FOLLOW SUPERIOR RECREATIONAL PRODUCTS' WORK INSTRUCTIONS, QUALITY PROCEDURES, AND DSA APPROVED SEALED DRAWINGS. MANUFACTURER SHALL ADHERE TO DIMENSIONAL TOLERANCES AS SPECIFIED ON APPLICABLE DRAWINGS AND DOCUMENTATION.
8. STANDARD NOTES
   - 8.A. ALL WORK SHALL CONFORM TO 2022 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
   - 8.B. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR
   - 8.C. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR
   - 8.D. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT
   - 8.E. SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE CONSIDERED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDUM, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION PER DSA IR A-6 AND SECTION 338(C) PART 1, TITLE 24 CCR.
   - 8.F. 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, CCR. 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, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(c), PART 1, TITLE 24, CCR)
   - 8.G. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
   - 8.H. AS PER IR PC-4 1.7: FLOOD ZONE: DESIGN SHALL COMPLY WITH CBC SECTION 1612A AND PROCEDURE PR 14-01: FLOOD DESIGN AND PROJECT SUBMITTAL REQUIREMENTS. WHEN A SITE-SPECIFIC PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X A LETTER STAMPED AND SIGNED FROM A GEOTECHNICAL ENGINEER IS NEEDED TO VALIDATE THE ALLOWABLE SOIL VALUES SPECIFIED IN THE PC ARE STILL APPLICABLE.
   - 8.I. AS PER IR PC-4 1.8: GEOHAZARD REPORTS: GEOHAZARD REPORTS ARE NOT REQUIRED FOR OPEN FABRIC SHADE STRUCTURES 1,600 SQUARE FEET (SQ. FT.) OR LESS COMPLYING WITH THE REQUIREMENTS OF IR A-4: GEOHAZARD REPORT REQUIREMENTS, SECTION 3.1.1. OPEN FABRIC SHADE STRUCTURES GREATER THAN 1,600 SQ. FT. UP TO A MAXIMUM OF 4,000 SQ. FT. AND COMPLYING WITH THE REQUIREMENTS NOTED IN IR A-4 SECTION 3.1.1 DO NOT REQUIRE A GEOHAZARD REPORT PROVIDED A GEOTECHNICAL REPORT INDICATES THAT NO LIQUEFACTION POTENTIAL EXISTS.
   - 8.J. AS PER IR PC-4 5.4.5: THE MINIMUM CLEARANCE REQUIRED BETWEEN DRILLED PIERS WHEN PLACING MULTIPLE CANOPIES IS: 8 x PIER DIAMETER (16', 20', OR 24' FROM PIER TO PIER).
   - 8.K. THE MINIMUM SEISMIC SEPARATION BETWEEN ADJACENT SHADE STRUCTURES IS 4 INCHES.
   - 8.L. AS PER IR PC-4 5.7: PIER & SHALLOW SPREAD FOOTINGS MAY BE COMBINED WITHIN THE SAME SHADE STRUCTURE IF ALL COLUMNS IN THE SHADE STRUCTURE HAVE THE SAME HEIGHT.
   - 8.M. SHADE STRUCTURE APPROVAL FOR WILDLAND-URBAN INTERFACE PER CBC 7A TO BE FIELD VERIFIED. THIS PC HAS NOT BEEN APPROVED FOR USE IN A FIRE HAZARD SEVERITY ZONE PER CBC CHAPTER 7A.
   - 8.N. MINIMUM SETBACK LIMIT FOR THE SHADE STRUCTURES AS PER FIGURE 1:

FIG. 1: FOUNDATION CLEARANCES FROM SLOPE



INDEX (Sheet Count: 5)

DESIGN PARAMETER CHECKLIST FOR OVER-THE-COUNTER REVIEW

THE FOLLOWING CHECKLIST IS INTENDED TO ASSIST THE PLAN REVIEWER DETERMINE IF THIS PRE-CHECKED SUBMITTAL IS APPLICABLE TO THE SITE-SPECIFIC CONDITIONS IN WHICH IT IS INTENDED TO BE USED. IF THIS CHECKLIST CANNOT BE COMPLETED, ADDITIONAL ENGINEERING PROVING SITE-SPECIFIC COMPLIANCE IS REQUIRED.

THIS PRE-CHECKED SUBMITTAL IS APPLICABLE UNDER THE FOLLOWING CIRCUMSTANCES:

- ☐ THE CONSTRUCTION TYPE IS "IIB"
- ☐ THE RISK CATEGORY IS "II" OR LESS
- ☐ THE WIND EXPOSURE CATEGORY IS "C" OR LESS
- ☐ THE SOIL CLASS IS "D" OR BETTER
- ☐ THE PROJECT SITE BASIC ULTIMATE WIND SPEED IS ≤ 110 mph
- ☐ THE PROJECT SITE SEISMIC DESIGN CATEGORY IS "E" OR LESS
- ☐ THE PROJECT SITE IS NOT IN A FLOOD ZONE (WHEN A SITE-SPECIFIC PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X A LETTER STAMPED AND SIGNED FROM GEOTECHNICAL ENGINEER IS NEEDED TO VALIDATE THE ALLOWABLE SOIL VALUES SPECIFIED IN PC ARE STILL APPLICABLE)
- ☐ THE PROJECT SITE IS NOT IN AN AREA CLASSIFIED AS A WILD LAND URBAN INTERFACE FIRE AREA (A FIRE HAZARD SEVERITY ZONE)
- ☐ NONE OF THE MAXIMUM DESIGN CRITERIA ARE EXCEEDED
- ☐ ALLOWABLE SOIL COMPRESSIVE STRENGTH IS 1,500 psf OR GREATER
- ☐ LATERAL BEARING PRESSURE SHALL BE 200 PSF/FT (INCREASED PER CBC SECTION 1806A.3.4) OR GREATER
- ☐ PIER FRICTIONAL RESISTANCE SHALL BE LARGER THAN USED IN DESIGN
- ☐ IF THE CANOPY SIZE IS < 1,600 ft² IN AREA, COMPLYING WITH THE REQUIREMENTS OF DSA IR A-4 SECTION 3.1.1, SUPPORTED ON ALL CORNERS (3 COLUMNS MINIMUM), A SITE-SPECIFIC GEOHAZARD REPORT IS NOT REQUIRED
  -OR-
  IF THE CANOPY SIZE IS < 4,000 ft² IN AREA AND THERE IS A GEOTECHNICAL REPORT PROVING THAT NO POTENTIAL FOR LIQUEFACTION EXISTS, A SITE-SPECIFIC GEOHAZARD REPORT IS NOT REQUIRED
- ☐ THE CANOPY SIZE PROVIDES THE MINIMUM REQUIRED AREA FOR THE SELECTED ASSEMBLY USE AND DESIRED OCCUPANCY LOAD (SEE ASSEMBLY USE SELECTION CHECKLIST)

OCCUPANCY USE SELECTION CHECKLIST

THE FOLLOWING CHECKLIST IS TO BE USED BY THE PARTY SUBMITTING THIS PRE-CHECK TO INDICATE THE INTENDED OCCUPANCY USE FOR THIS FABRIC CANOPY.

- ☐ ASSEMBLY GROUP A-2
- ☐ ASSEMBLY GROUP A-3
- ☐ BUSINESS GROUP B
- ☒ EDUCATIONAL GROUP E

INTENDED OCCUPANCY LOAD 60 PERSONS

SITE-SPECIFIC CODE ANALYSIS

THIS SECTION IS TO BE FILLED OUT BY THE ARCHITECT OF RECORD FOR SITE-SPECIFIC APPROVAL
TYPE OF CONSTRUCTION: TYPE IIB
FIRE SPRINKLER: NO
ALLOWABLE AREA = 14,500 ft²

CODE ANALYSIS

OCCUPANCY GROUP	OCCUPANT LOAD FACTOR	TOTAL OCCUPANT LOAD	SHADE STRUCTURE AREA (ft²)
E	20 SF / PERSON	60	1,200

NOTE: THE INTENDED USE AND OCCUPANCY TO BE SPECIFIED ON SITE-SPECIFIC APPLICATION DRAWINGS.

CANOPY SIZE SELECTION CHECKLIST

THE FOLLOWING CHECKLIST IS TO BE USED BY THE PARTY SUBMITTING THIS PRE-CHECK TO INDICATE THE INTENDED SIZES USED FOR THIS FABRIC CANOPY SUBMITTAL. SELECT ONE STYLE/SIZE AND ONE HEIGHT.

NOTES:
1. HEIGHT OPTIONS ARE FROM 9FT TO 12FT.
2. INTERMEDIATE SIZES MAY USE THE MEMBER SIZES OF THE NEXT LARGEST CANOPY WITH AN IDENTICAL WIDTH TO LENGTH RATIO.

HIP STYLE SIZE

- ☐ 10' x 20'
- ☐ 15' x 20'
- ☐ 18' x 36'
- ☐ 20' x 20'
- ☐ 20' x 30'
- ☐ 20' x 40'
- ☐ 25' x 25'
- ☐ 25' x 30'
- ☐ 30' x 30'
- ☒ 30' x 40'

HEIGHT

- ☐ 9'
- ☐ 10'
- ☒ 12'

UMBRELLA STYLE SIZE

- ☐ 12'
- ☐ 20'

HEIGHT

- ☐ 9'
- ☐ 10'
- ☐ 12'

SEAL:

DSA IDENTIFICATION STAMP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-123177 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/03/2025

SUPERIOR RECREATIONAL PRODUCTS
Shade

SUPERIOR SHADE
150 Adamson Industrial Blvd.
Carrollton, GA 30117

FABRIC CANOPIES DSA PC - BP
COVER SHEET

PC IDENTIFICATION STAMP

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A separate project application for construction is required

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120923 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 9/21/2023

SITE PROJECT NAME:
DISTRICT/OWNER:
LOCATION/ADDRESS:

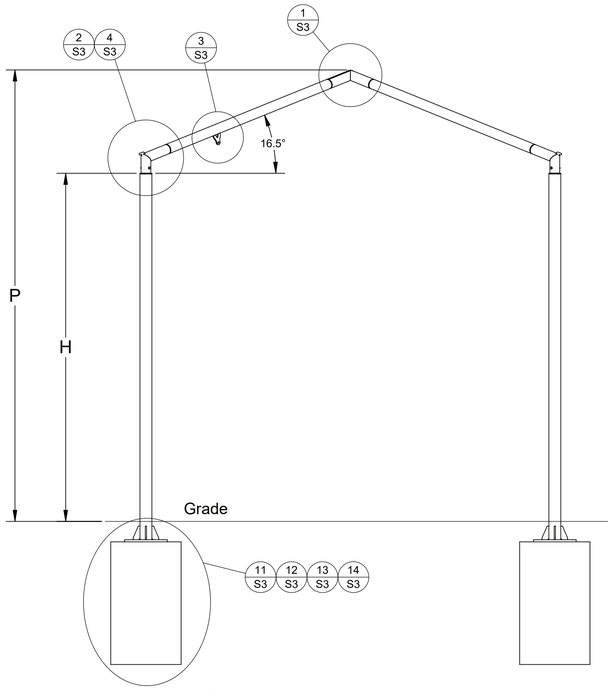
Revisions

	Date:	By:
0	12/18/2022	KJK
1	8/16/2023	KJK

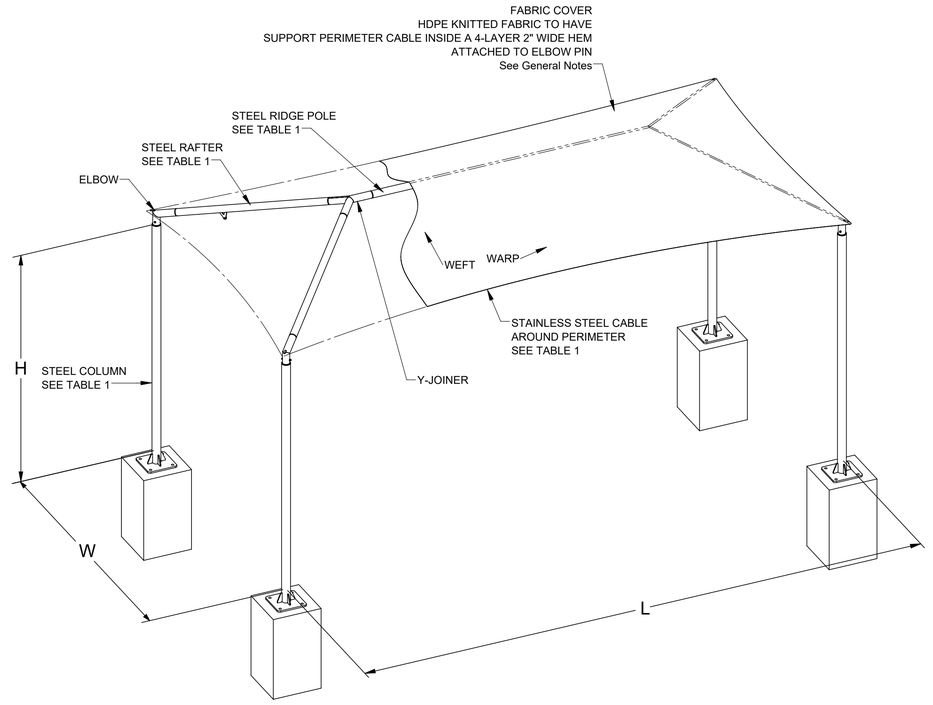
Drawn:	KJK
Date:	12/8/2022
Chkd:	Zhisong Zhao
Date:	1/19/2023

Job Number:

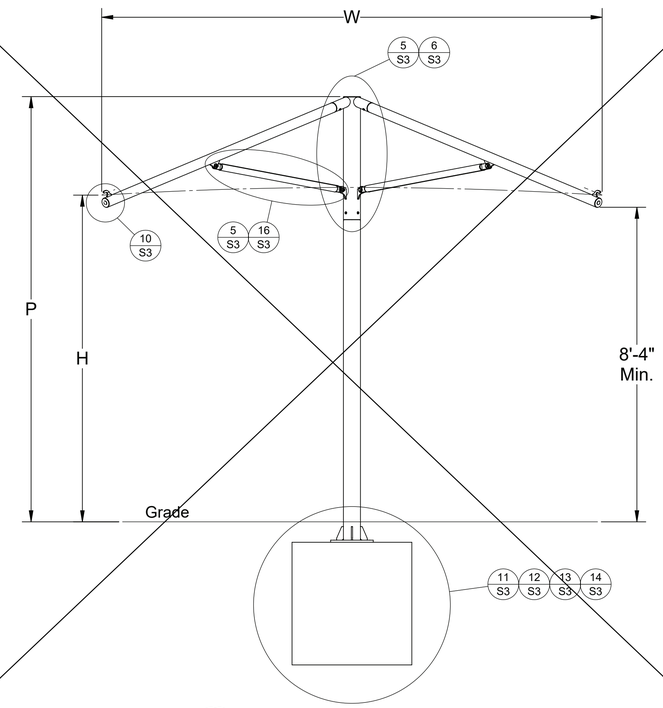
S1
Sheet No.



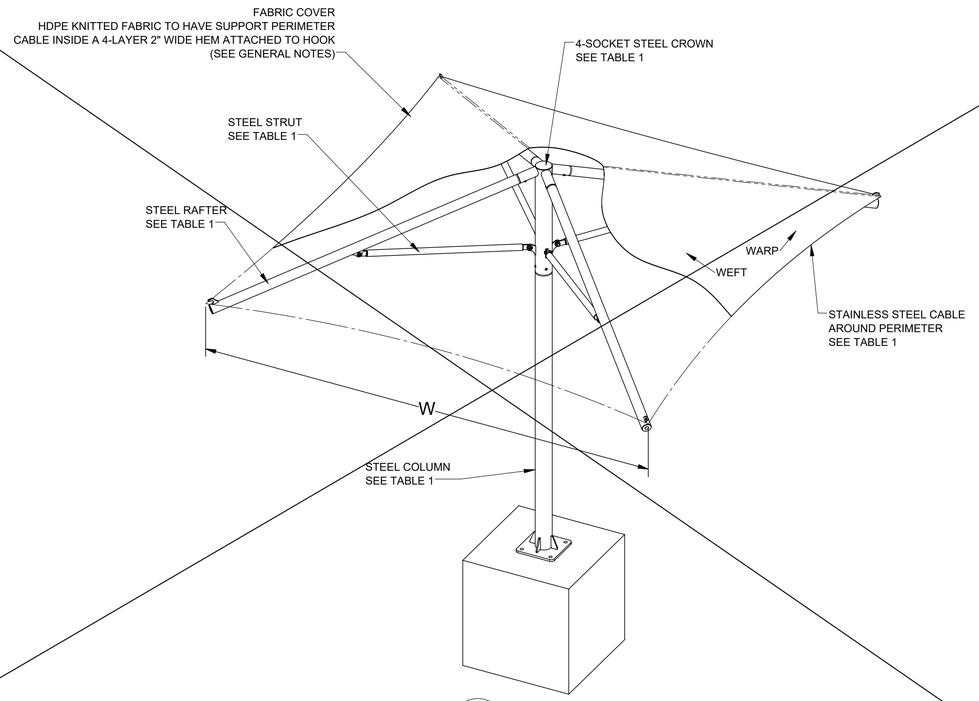
2 S2 HIP FRAME ELEVATION



1 S2 HIP SHADE STRUCTURE



4 S2 UMBRELLA FRAME ELEVATION



3 S2 UMBRELLA SHADE STRUCTURE

SEAL:

LICENSED PROFESSIONAL ENGINEER
ZHISONG ZHAO
S 6814
STRUCTURAL
STATE OF CALIFORNIA
8/16/23

DSA IDENTIFICATION STAMP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-123177 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/03/2025

SUPERIOR
RECREATIONAL PRODUCTS
Shade

SUPERIOR SHADE
150 Adamson Industrial Blvd.
Carrollton, GA 30117

FABRIC CANOPIES DSA PC - BP
ELEVATION DETAILS

PC IDENTIFICATION STAMP

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A separate project application
for construction is required

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120923 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 9/21/2023

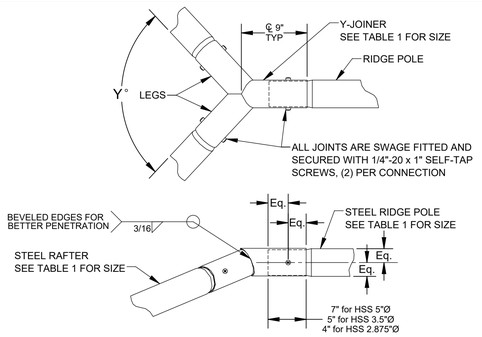
SITE PROJECT NAME:
DISTRICT/OWNER:
LOCATION/ADDRESS:

Revisions

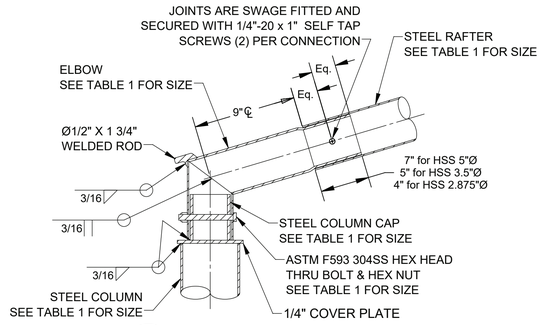
	Date:	By:
0	12/18/2022	KJK
1	8/16/2023	KJK

Drawn:	KJK
Date:	12/8/2022
Chkd:	Zhisong Zhao
Date:	1/19/2023
Job Number:	

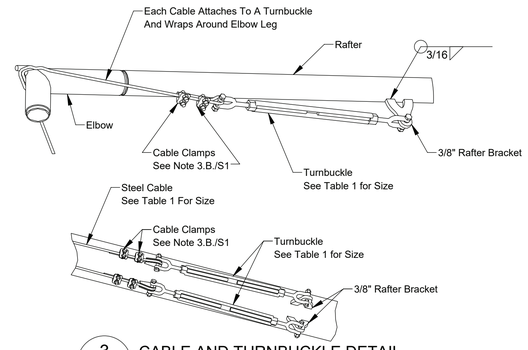
S2
Sheet No.



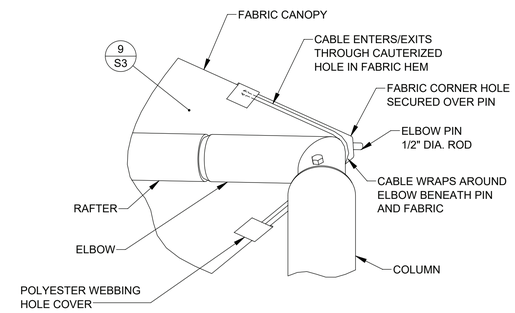
1 S3 "Y" JOINER CONNECTION DETAIL (Y° See Table 1/S4)



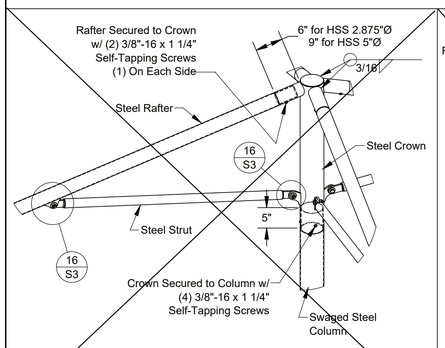
2 S3 ELBOW CONNECTION DETAIL



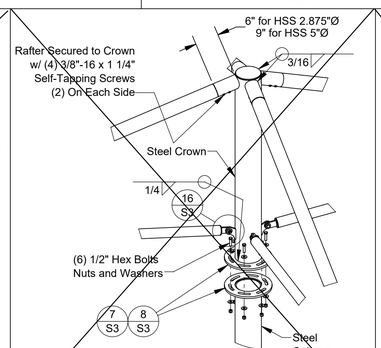
3 S3 CABLE AND TURNBUCKLE DETAIL



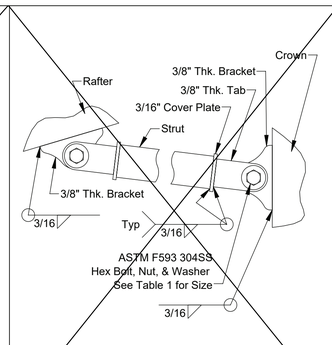
4 S3 ELBOW FABRIC AND CABLE DETAIL



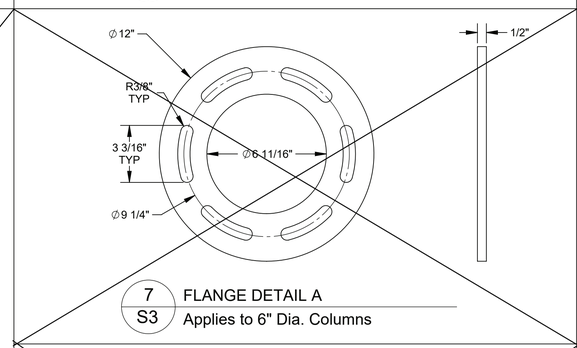
5 S3 CROWN DETAIL Applies to 5" Dia. Columns



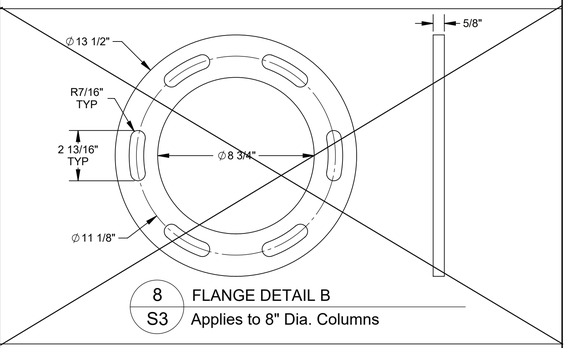
6 S3 CROWN DETAIL Applies to 6" and 8" Dia. Columns



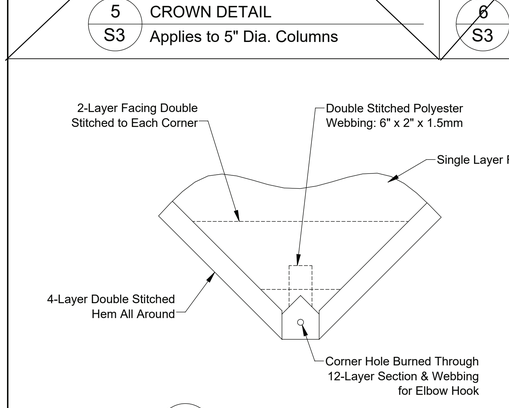
16 S3 STRUT DETAIL



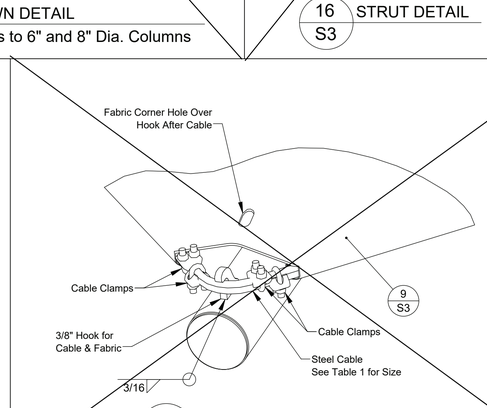
7 S3 FLANGE DETAIL A Applies to 6" Dia. Columns



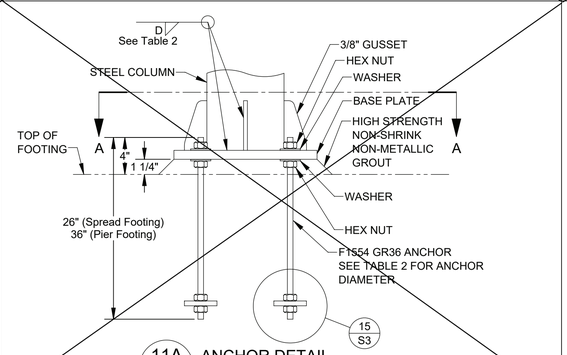
8 S3 FLANGE DETAIL B Applies to 8" Dia. Columns



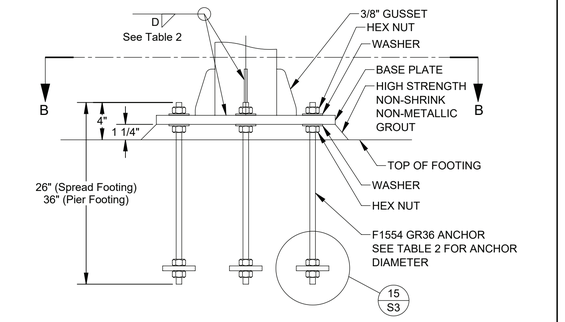
9 S3 FABRIC CORNER DETAIL



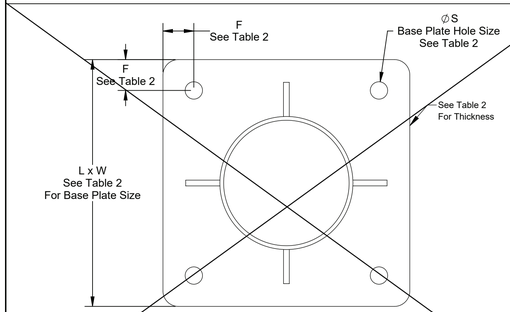
10 S3 FABRIC/CABLE CONNECTION



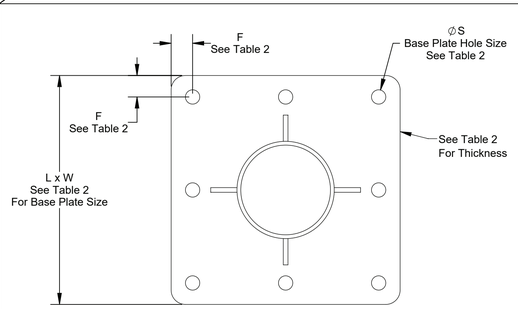
11A S3 ANCHOR DETAIL Applies to (4) Bolts Only



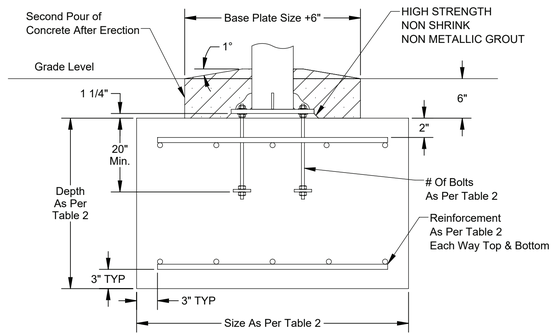
11B S3 ANCHOR DETAIL Applies to (8) Bolts Only



12A S3 SECTION A-A BASE PLATE DETAIL FOR 4 BOLTS ONLY

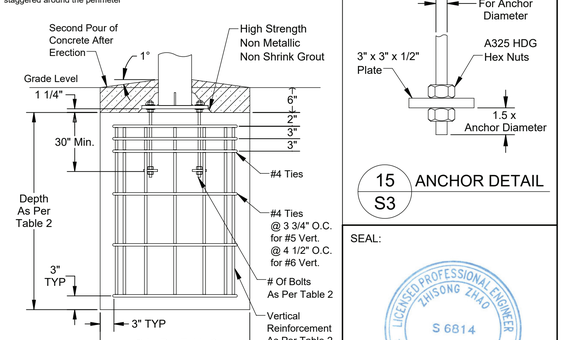


12B S3 SECTION B-B BASE PLATE DETAIL FOR 8 BOLTS ONLY

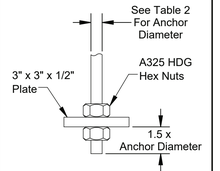


13 S3 SPREAD FOOTING OPTION DETAIL

Tie Notes:
1. Tie ends shall overlap by at least 6"
2. Tie ends shall terminate with a standard hook engaging a vertical bar
3. Overlaps of adjacent ties shall be staggered around the perimeter



14 S3 PIER FOOTING OPTION DETAIL



15 S3 ANCHOR DETAIL

SEAL:

DSA IDENTIFICATION STAMP
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-123177 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/03/2025

SUPERIOR RECREATIONAL PRODUCTS
Shade

SUPERIOR SHADE
150 Adamson Industrial Blvd.
Carrollton, GA 30117

FABRIC CANOPIES DSA PC - BP
TYPICAL CANOPY DETAILS

PC IDENTIFICATION STAMP
PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A separate project application for construction is required

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120923 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 9/21/2023

SITE PROJECT NAME:
DISTRICT/OWNER:
LOCATION/ADDRESS:

Revisions

	Date:	By:
0	12/18/2022	KJK
1	8/16/2023	KJK

Drawn:	KJK
Date:	12/8/2022
Chkd:	Zhisong Zhao
Date:	1/19/2023
Job Number:	

S3
Sheet No.

TABLE 1 : Shade Member Sizes

	✓	Shade Number	Width (W)	Length (L)	Height (H)	Peak Height (P)	Steel Column	Steel Rafter	Steel Ridge	Elbow & Y-Joiner	Cable Size	Turnbuckle Size	Y° (See detail 1/S3)	Elbow Bolt Size (See Detail 2/S3)	Column Cap Material (See Detail 2/S3)
HIP STYLE		DSARD102009SN	10'	20'	9'	11.02'	HSS 5" x 11 Gauge	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	3/16" 7x19	∅5/8" x 12"	94.3	3/8" x 3-1/2"	2" Sch-40
		DSARD152009SN	15'	20'	9'	12.03'	HSS 5" x 7 Gauge	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	1/4" 7x19	∅5/8" x 12"	94.3	3/8" x 3-1/2"	2" Sch-40
		DSASD202009SN	20'	20'	9'	12.7'	Pipe 5" x Sch 40	HSS 3.5" x 11 Gauge	HSS 3.5" x 11 Gauge	HSS 3.5" x 11 Gauge	1/4" 7x19	∅5/8" x 12"	106	1/2" x 4-1/2"	3" OD DOM 1/4" Wall
		DSASD252509SN	25'	25'	9'	13.63'	Pipe 6" x Sch 40	HSS 5" x 11 Gauge	HSS 5" x 11 Gauge	HSS 5" x 7 Gauge	5/16" 7x19	∅3/4" x 12"	106	1/2" x 6"	4" Sch-40
		DSARD203009SN	20'	30'	9'	13.04'	Pipe 6" x Sch 40	HSS 5" x 11 Gauge	HSS 5" x 11 Gauge	HSS 5" x 7 Gauge	5/16" 7x19	∅3/4" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSARD253009SN	25'	30'	9'	14.05'	Pipe 8" x Sch 40	HSS 5" x 11 Gauge	HSS 5" x 11 Gauge	HSS 5" x 7 Gauge	3/8" 7x19	∅3/4" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSASD303009SN	30'	30'	9'	14.55'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	3/8" 7x19	∅3/4" x 12"	106	1/2" x 6"	4" Sch-40
		DSARD183609SN	18'	36'	9'	12.63'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	7/16" 6x36	∅1" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSARD204009SN	20'	40'	9'	13.04'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	7/16" 6x36	∅1" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSARD304009SN	30'	40'	9'	15.06'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	7/16" 6x36	∅1" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSARD102010SN	10'	20'	10'	12.02'	HSS 5" x 11 Gauge	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	3/16" 7x19	∅5/8" x 12"	94.3	3/8" x 3-1/2"	2" Sch-40
		DSARD152010SN	15'	20'	10'	13.03'	HSS 5" x 7 Gauge	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	1/4" 7x19	∅5/8" x 12"	94.3	3/8" x 3-1/2"	2" Sch-40
		DSASD202010SN	20'	20'	10'	13.7'	Pipe 5" x Sch 40	HSS 3.5" x 11 Gauge	HSS 3.5" x 11 Gauge	HSS 3.5" x 11 Gauge	1/4" 7x19	∅5/8" x 12"	106	1/2" x 4-1/2"	3" OD DOM 1/4" Wall
		DSASD252510SN	25'	25'	10'	14.63'	Pipe 6" x Sch 40	HSS 5" x 11 Gauge	HSS 5" x 11 Gauge	HSS 5" x 7 Gauge	5/16" 7x19	∅3/4" x 12"	106	1/2" x 6"	4" Sch-40
		DSARD203010SN	20'	30'	10'	14.04'	Pipe 6" x Sch 40	HSS 5" x 11 Gauge	HSS 5" x 11 Gauge	HSS 5" x 7 Gauge	5/16" 7x19	∅3/4" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSARD253010SN	25'	30'	10'	15.05'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	3/8" 7x19	∅3/4" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSASD303010SN	30'	30'	10'	15.55'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	3/8" 7x19	∅3/4" x 12"	106	1/2" x 6"	4" Sch-40
		DSARD183610SN	18'	36'	10'	13.63'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	7/16" 6x36	∅1" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSARD204010SN	20'	40'	10'	14.04'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	7/16" 6x36	∅1" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSARD304010SN	30'	40'	10'	16.06'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	7/16" 6x36	∅1" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSARD102012SN	10'	20'	12'	14.02'	HSS 5" x 11 Gauge	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	3/16" 7x19	∅5/8" x 12"	94.3	3/8" x 3-1/2"	2" Sch-40
		DSARD152012SN	15'	20'	12'	15.03'	Pipe 5" x Sch 40	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	HSS 2.875" x 12 Gauge	1/4" 7x19	∅5/8" x 12"	94.3	3/8" x 3-1/2"	2" Sch-40
		DSASD202012SN	20'	20'	12'	15.7'	Pipe 5" x Sch 40	HSS 3.5" x 11 Gauge	HSS 3.5" x 11 Gauge	HSS 3.5" x 11 Gauge	1/4" 7x19	∅5/8" x 12"	106	1/2" x 4-1/2"	3" OD DOM 1/4" Wall
		DSASD252512SN	25'	25'	12'	16.63'	Pipe 6" x Sch 40	HSS 5" x 11 Gauge	HSS 5" x 11 Gauge	HSS 5" x 7 Gauge	5/16" 7x19	∅3/4" x 12"	106	1/2" x 6"	4" Sch-40
		DSARD203012SN	20'	30'	12'	16.04'	Pipe 6" x Sch 40	HSS 5" x 11 Gauge	HSS 5" x 11 Gauge	HSS 5" x 7 Gauge	5/16" 7x19	∅3/4" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSARD253012SN	25'	30'	12'	17.05'	Pipe 8" x Sch 40	HSS 5" x 11 Gauge	HSS 5" x 11 Gauge	HSS 5" x 7 Gauge	3/8" 7x19	∅3/4" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSASD303012SN	30'	30'	12'	17.55'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	3/8" 7x19	∅3/4" x 12"	106	1/2" x 6"	4" Sch-40
		DSARD183612SN	18'	36'	12'	15.63'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	7/16" 6x36	∅1" x 12"	94.3	1/2" x 6"	4" Sch-40
		DSARD204012SN	20'	40'	12'	16.04'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	7/16" 6x36	∅1" x 12"	94.3	1/2" x 6"	4" Sch-40
	✓	DSARD304012SN	30'	40'	12'	18.06'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	HSS 5" x 7 Gauge	7/16" 6x36	∅1" x 12"	94.3	1/2" x 6"	4" Sch-40

	Shade Number	Width (W)	Length (L)	Height (H)	Peak Height (P)	Steel Column	Steel Rafter	Steel Crown	Steel Strut	Cable Size	Strut Bolt (See Detail 16/S3)
UMBRELLA STYLE	DSASU121209SN	12'	12'	9'	11.42'	HSS 5" x 11 Gauge	HSS 2.875" x 12 Gauge	HSS 5" x 11 Gauge	HSS 1.9" x 11 Gauge	3/16" 7x19	∅3/4"
	DSASU121210SN	12'	12'	10'	12.42'	HSS 5" x 11 Gauge	HSS 2.875" x 12 Gauge	HSS 5" x 11 Gauge	HSS 1.9" x 11 Gauge	3/16" 7x19	∅3/4"
	DSASU121212SN	12'	12'	12'	14.42'	HSS 5" x 7 Gauge	HSS 2.875" x 12 Gauge	HSS 5" x 7 Gauge	HSS 1.9" x 11 Gauge	3/16" 7x19	∅3/4"
	DSASU202009SN	20'	20'	9'	13.04'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	Pipe 8" x Sch 40	HSS 2.5" x 12 Gauge	5/16" 7x19	∅1"
	DSASU202010SN	20'	20'	10'	14.04'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	Pipe 8" x Sch 40	HSS 2.5" x 12 Gauge	5/16" 7x19	∅1"
	DSASU202012SN	20'	20'	12'	16.04'	Pipe 8" x Sch 40	HSS 5" x 7 Gauge	Pipe 8" x Sch 40	HSS 2.5" x 12 Gauge	5/16" 7x19	∅1"

TABLE 2 : Shade Foundation

Style	✓	Shade Number	Base Plate Size (L x W)	Base Plate Thickness	Base Plate Weld Size (D)	Base Plate Anchor Bolt Hole Size ∅(S)	Base Plate Hole Offset (F)	Anchor Diameter	Anchor Number	Spread Footing Depth	Spread Foot Size	Spread Footing Reinforcement	Pier Footing Depth	Pier Footing Diameter	Pier Footing Reinforcement
HIP		DSARD102009SN	12" x 12"	1"	3/16"	7/8"	1 1/2"	3/4"	4	3.0'	3.5' x 3.5'	5 #5	5.75'	∅2'	8 #6
		DSARD152009SN	12" x 12"	1"	1/4"	1"	1 1/2"	7/8"	4	3.0'	4' x 4'	6 #5	6.75'	∅2'	8 #6
		DSASD202009SN	14" x 14"	1"	1/4"	1 1/8"	2"	1"	4	3.0'	5.5' x 5.5'	7 #5	7.75'	∅2'	8 #6
		DSASD252509SN	18" x 18"	1 1/4"	5/16"	1 1/8"	2"	1"	8	3.0'	6.5' x 6.5'	9 #5	9'	∅2.5'	10 #6
		DSARD203009SN	18" x 18"	1 1/4"	5/16"	1 1/8"	2"	1"	8	3.0'	5.5' x 5.5'	7 #5	8.75'	∅2.5'	10 #6
		DSARD253009SN	24" x 24"	1 1/4"	5/16"	1 1/4"	2"	1 1/8"	8	3.0'	6.5' x 6.5'	9 #5	9.25'	∅3'	12 #6
		DSASD303009SN	24" x 24"	1 1/4"	5/16"	1 1/4"	2"	1 1/8"	8	3.0'	7.25' x 7.25'	10 #5	9.5'	∅3'	12 #6
		DSARD183609SN	24" x 24"	1 1/4"	5/16"	1 1/4"	2"	1 1/8"	8	3.0'	6' x 6'	8 #5	9.25'	∅3'	12 #6
		DSARD204009SN	26" x 26"	1 1/2"	5/16"	1 1/2"	3"	1 3/8"	8	3.0'	6.5' x 6.5'	9 #5	10'	∅3'	12 #6
		DSARD304009SN	26" x 26"	1 1/2"	5/16"	1 1/2"	3"	1 3/8"	8	3.0'	7.25' x 7.25'	10 #5	11'	∅3'	12 #6
		DSARD102010SN	12" x 12"	1"	3/16"	7/8"	1 1/2"	3/4"	4	3.0'	3.5' x 3.5'	5 #5	5.75'	∅2'	8 #6
		DSARD152010SN	12" x 12"	1"	1/4"	1"	1 1/2"	7/8"	4	3.0'	4' x 4'	6 #5	6.75'	∅2'	8 #6
		DSASD202010SN	14" x 14"	1"	1/4"	1 1/8"	2"	1"	4	3.0'	5.75' x 5.75'	8 #5	7.75'	∅2'	8 #6
		DSASD252510SN	18" x 18"	1 1/4"	5/16"	1 1/8"	2"	1"	8	3.0'	6.5' x 6.5'	9 #5	9'	∅2.5'	10 #6
		DSARD203010SN	18" x 18"	1 1/4"	5/16"	1 1/8"	2"	1"	8	3.0'	5.75' x 5.75'	8 #5	8.75'	∅2.5'	10 #6
		DSARD253010SN	24" x 24"	1 1/4"	5/16"	1 1/4"	2"	1 1/8"	8	3.0'	6.25' x 6.25'	8 #5	9.25'	∅3'	12 #6
		DSASD303010SN	24" x 24"	1 1/4"	5/16"	1 1/4"	2"	1 1/8"	8	3.0'	7.25' x 7.25'	10 #5	9.75'	∅3'	12 #6
		DSARD183610SN	24" x 24"	1 1/4"	5/16"	1 1/4"	2"	1 1/8"	8	3.0'	6.5' x 6.5'	9 #5	9.5'	∅3'	12 #6
		DSARD204010SN	26" x 26"	1 1/2"	5/16"	1 1/2"	3"	1 3/8"	8	3.0'	7' x 7'	9 #5	10'	∅3'	12 #6
		DSARD304010SN	26" x 26"	1 1/2"	5/16"	1 1/2"	3"	1 3/8"	8	3.0'	7.5' x 7.5'	10 #5	11'	∅3'	12 #6
		DSARD102012SN	12" x 12"	1"	3/16"	7/8"	1 1/2"	3/4"	4	3.0'	3.75' x 3.75'	5 #5	6'	∅2'	8 #6
		DSARD152012SN	12" x 12"	1"	1/4"	1"	1 1/2"	7/8"	4	3.0'	4.5' x 4.5'	6 #5	7'	∅2'	8 #6
		DSASD202012SN	14" x 14"	1"	1/4"	1 1/8"	2"	1"	4	3.0'	6.25' x 6.25'	8 #5	7.75'	∅2'	8 #6
		DSASD252512SN	18" x 18"	1 1/4"	5/16"	1 1/8"	2"	1"	8	3.0'	6.5' x 6.5'	9 #5	9'	∅2.5'	10 #6
		DSARD203012SN	18" x 18"	1 1/4"	5/16"	1 1/8"	2"	1"	8	3.0'	6.25' x 6.25'	8 #5	9'	∅2.5'	10 #6
		DSARD253012SN	24" x 24"	1 1/4"	5/16"	1 1/4"	2"	1 1/8"	8	3.0'	6.5' x 6.5'	9 #5	9.25'	∅3'	12 #6
		DSASD303012SN	24" x 24"	1 1/4"	5/16"	1 1/4"	2"	1 1/8"	8	3.0'	7.5' x 7.5'	10 #5	9.75'	∅3'	12 #6
		DSARD183612SN	24" x 24"	1 1/4"	5/16"	1 1/4"	2"	1 1/8"	8	3.0'	6.75' x 6.75'	8 #5	10'	∅3'	12 #6
		DSARD204012SN	26" x 26"	1 1/2"	5/16"	1 1/2"	3"	1 3/8"	8	3.0'	7.25' x 7.25'	10 #5	10'	∅3'	12 #6
	✓	DSARD304012SN	26" x 26"	1 1/2"	5/16"	1 1/2"	3"	1 3/8"	8	3.0'	7.5' x 7.5'	10 #5	11'	∅3'	12 #6
UMBRELLA		DSASU121209SN	10" x 10"	5/8"	3/16"	7/8"	1 1/2"	3/4"	4	3.0'	4' x 4'	6 #5	5.25'	∅2'	8 #6
		DSASU121210SN	12" x 12"	5/8"	3/16"	7/8"	1 1/2"	3/4"	4	3.0'	4.25' x 4.25'	6 #5	5.5'	∅2'	8 #6
		DSASU121212SN	14" x 14"	5/8"	3/16"	7/8"	1 1/2"	3/4"	4	3.0'	4.5' x 4.5'	6 #5	6'	∅2'	8 #6
		DSASU202009SN	18" x 18"	1"	5/16"	1"	1 1/2"	7/8"	8	3.0'	5.5' x 5.5'	7 #5	7'	∅2.5'	10 #6
		DSASU202010SN	18" x 18"	1"	5/16"	1"	1 1/2"	7/8"	8	3.0'	5.75' x 5.75'	8 #5	7.5'	∅2.5'	10 #6
		DSASU202012SN	18" x 18"	1"	5/16"	1"	1 1/2"	7/8"	8	3.0'	6.25' x 6.25'	8 #5	8'	∅2.5'	10 #6

SEAL:

LICENSED PROFESSIONAL ENGINEER ZHISONG ZHAO S 6814 STATE OF CALIFORNIA STRUCTURAL

8/16/23

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SUPERIOR RECREATIONAL PRODUCTS
Shade

SUPERIOR SHADE
150 Adamson Industrial Blvd.
Carrollton, GA 30117

FABRIC CANOPIES DSA PC - BP
REFERENCE TABLES

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CODE: 2022 CBC
A separate project application for construction is required

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DATE: 9/21/2023

SITE PROJECT NAME:
DISTRICT/OWNER:
LOCATION/ADDRESS:

Revisions

	Date:	By:
0	12/18/2022	KJK
1	8/16/2023	KJK

Drawn:	KJK
Date:	12/8/2022
Chkd:	Zhisong Zhao
Date:	1/19/2023
Job Number:	

S4
Sheet No.

FLAME RETARDANT

Fabric Registration

LICENSE NUMBER: F-037801

COMMERCIAL NINETYFIVE 340FR

Product Marketed by:

GALE PACIFIC LTD
145 WOODLANDS DRIVE
BRAESIDE, AUSTRAILIA 3195, ,

Issue Date : 04/18/2023
Expiration Date : 06/30/2024

This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code. The scope of the approved use of this product is provided in the current edition of the CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS published by the California State Fire Marshal.

Issued By Cortney Walker
Fire Engineering License Manager
Fire Engineering & Investigations Division

Reviewed and Approved By Patricia Setter
Deputy State Fire Marshal III
Fire Engineering & Investigations Division

OFFICE OF THE STATE FIRE MARSHAL

Please visit calfire.govmotus.org for more information on Licensing and Permitting with CAL FIRE

Commercial **NinetyFive 340FR**

PRODUCT SPECIFICATION

Commercial NinetyFive 340 FR, the flame retardant version of the most trusted HDPE shade fabric in the industry, is a mid-weight, flame retardant fabric that delivers the utmost in versatility. Available in 22 vibrant and on-trend colors, Commercial NinetyFive 340 FR can fulfill almost any HDPE design requirement.

- A mid-weight, 340 gsm fabric suitable for applications spanning a wide array of sizes and designs.
- Provides the optimal combination of sun protection, strength, and durability to ensure low maintenance, and long-life performance
- The most expansive color assortment in the HDPE shade fabric market. Offering 22 rich, vibrant and on-trend colors to fulfill a wide range of design requirements.
- Each color individually tested and meets the most stringent FR certification criteria
- Industry-leading stentering process provides premium lay flat characteristics to assist with accurate design and fabrication
- Backed by a full 10-year warranty against UV degradation and designed to withstand the world's harshest environments
- 100% Lead and Phthalate free

FLAMMABILITY

CSFM Title 19 1237.1
NFPA 701 Test Methods 1 & 2
ASTM E84 19B

Each color individually tested and passes all certification criteria for above. Test results available upon request.
NFP92-503 Class M1 in process

FABRIC PROPERTIES

AS 2001.2.13 Mass per unit
Nominal fabric mass : 340 gsm ± 20; :10 oz/yd²
Approximate thickness 0.06 in. / 1.6 mm

ROLL SPECIFICATIONS

Nominal width:	9 ft. 10 in. / 3.0m (folded)
Length:	131 ft 3 in. / 40m
Approx. roll weight:	97 lbs. / 44 kg
Approx. roll diameter:	1.05 ft / 0.32 m
Core diameter:	1.38 in. / 35 mm

USAGE INSTRUCTIONS

Do not use against flames. Contact with organic solvents, halogens or highly acidic substances may reduce the service life of the fabric and void the warranty. Biaxial elastic material properties available on request.

SUGGESTED SPECIFICATION

Shade cloth fabric shall be compliant to Australian standard AS 4174:2018 and shall be GALE Pacific Commercial NinetyFive 340 FR Knitted HDPE monofilament & tape shade fabric offering a UVE Protection from 90 to 96%.

PERFORMANCE

ASTM D5034
Tensile Strength and Elongation

Maximum Force – Warp (Mean)	158.6 lbf
Elongation at Maximum Force (Mean)	89%
Maximum Force – Weft (Mean)	412.3 lbf
Elongation at Maximum Force – Warp (Mean)	49%

ASTM D2261
Tearing Strength – Tongue (Single Rip)

Mean Force – Warp	43.0 lbf
Mean Force – Weft	39.6 lbf

ASTM D6797
Bursting Strength – Ball Burst (Constant Rate of Extension)

Mean Force	408 lbf

AS 4174:2018
Shade Protection Fabric Performance

Colour	Cover Factor	Shade Factor	UV-Vis Trans %	UVR Trans %	UVR Block %	UVE %	Protection Category
Aquatic Blue	92	88.1	11.9	8.5	91.5	91	Very Effective
Black	95	94.8	5.2	5.0	95.0	94	Very Effective
Bright Green	90	87.3	12.7	9.0	91.0	90	Effective
Brown	96	94.3	5.7	4.0	96.0	96	Most Effective
Brunswick Green	93	92.9	7.1	6.4	93.6	92	Very Effective
Cayenne	93	87.3	12.7	6.7	93.3	92	Very Effective
Cedar	93	88.4	11.6	6.4	93.6	93	Very Effective
Charcoal	93	93.6	6.4	6.1	93.9	92	Very Effective
Cherry Red	90	80.0	20.0	10.0	90.0	90	Effective
Deep Ochre	91	90.5	9.5	8.3	91.7	90	Effective
Desert Sand	93	86.1	13.9	6.6	93.4	92	Very Effective
Gun Metal	96	94.5	5.5	3.5	96.5	96	Most Effective
Natural	94	78.3	21.7	6.5	93.5	92	Very Effective
Navy Blue	94	93.1	6.9	6.2	93.8	93	Very Effective
Orange	92	80.8	19.2	7.6	92.4	91	Very Effective
Rivergum Green	94	89.7	10.3	6.0	94.0	93	Very Effective
Royal Purple	91	87.9	12.1	8.6	91.4	90	Effective
Sky Blue	94	91.3	8.7	6.0	94.0	93	Very Effective
Steel Grey	92	89.7	10.3	7.6	92.4	91	Very Effective
Turquoise	94	89.5	10.5	6.6	93.4	93	Very Effective
White	95	76.5	23.5	5.4	94.6	94	Very Effective
Yellow	93	77.5	22.5	6.8	93.2	92	Very Effective

USA	P 1800 560 4667	F +1 407 772 0553
AU	P 1800 331 521	F +61 3 9518 3398
NZ	P 0800 555 171	F 0800 555 172
UAE	P +971 4 881 7114	F +971 4 881 7167

www.galecommercial.com

Rev-1-US-3/20

The above results are typical averages from quality assurance testing and are not to be taken as a minimum specification nor as forming any contract between GALE Pacific and another party. Due to continuous product improvement product specifications are subject to alteration without notice. As the use and disposal of this product are beyond GALE Pacific's control, regardless of any assistance provided without charge, GALE Pacific assumes no obligation or liability for the suitability of its products in any specific end use application. It is the customer's responsibility to determine whether GALE Pacific's products are appropriate for the specific application and complies with any legal & patent regulations.

7X19 Stainless Steel Cable

7 x 19

Diameter (Inches)	Weight per 100ft (Lbs)	Nominal B.S. (Lbs)	
		AISI 302, 304	AISI 316
3/16	6.50	3,700	3,210
7/32	8.60	5,000	4,350
1/4	11.00	6,400	5,600
5/16	17.30	9,000	8,200
3/8	24.30	12,000	11,000

6X19/37 Class Stainless Steel Wire Rope

6 X 36

Diameter (Inches)	Weight per 100ft (Lbs)	Nominal B.S. (Lbs)	
		AISI 302, 304	AISI 316
7/16	35.0	16,300	14,800

Stainless Steel Wire Rope Clips

Stainless Steel
Wire Rope Clips

Precision Cast Type 316

Size (Inch)	Size (mm)	Min Clips Required	Weight (Lbs)
3/16	5	3	0.08
1/4	6	3	0.09
5/16	8	3	0.19
3/8	10	3	0.38
1/2	12	4	0.53
5/8	16	4	0.90
3/4	20	5	1.06

Stainless Steel Jaw & Jaw Turnbuckle

T316, Forged

Size X Take Up (Inch)	Working Load Limit (Lbs)	Weight per Each (Lbs)
1/4 x 4	500	0.528
5/16 x 4-1/2	800	0.726
3/8 x 6	1,200	0.880
1/2 x 12	2,200	2.394
5/8 x 12	3,500	4.664
3/4 x 12	5,200	7.042
1 x 12	8,000	11.24

SEAL:

LICENSED PROFESSIONAL ENGINEER
ZHISONG ZHAO
S 6814
STRUCTURAL
STATE OF CALIFORNIA
3/16/23

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APP: 02-123177 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 03/03/2025

SUPERIOR
RECREATIONAL PRODUCTS
Shade

SUPERIOR SHADE
150 Adamson Industrial Blvd.
Carrollton, GA 30117

FABRIC CANOPIES DSA PC - BP
SPECIFICATION INFORMATION

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Revisions

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1	8/16/2023	KJK

Drawn:	KJK
Date:	12/8/2022
Chkd:	Zhisong Zhao
Date:	1/19/2023

Job Number:

S5
Sheet No.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS, 2022 CBC

Application Number: **School Name:** **School District:**

DSA File Number: **Increment Number:** **Date Created:**

2022 CBC

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, horizontal wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A (2022 CBC).

****NOTE:** Undefined section and table references found in this document are from the CBC, or California Building Code.

KEY TO COLUMNS

1. TYPE	2. PERFORMED BY
Continuous – Indicates that a continuous special inspection is required	**GE (Geotechnical Engineer)** – Indicates that the special inspection shall be performed by a registered geotechnical engineer or his or her authorized representative.
Periodic – Indicates that a periodic special inspection is required	**LOR (Laboratory of Record)** – Indicates that the test or special inspection shall be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (DSA) Program. See CAC Section 4-335.
Test – Indicates that a test is required	**PI (Project Inspector)** – Indicates that the special inspection may be performed by a project inspector when specifically approved by DSA.
	SI (Special Inspection) – Indicates that the special inspection shall be performed by an appropriately qualified/approved special inspector.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2022 CBC

Table 1705A.6, Table 1705A.7, Table 1705A.8

Application Number: **School Name:** **School District:**

DSA File Number: **Increment Number:** **Date Created:**

Geotechnical Reports: Project has a geotechnical report, or CDs indicate soils special inspection is required by GE

	S1. GENERAL:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Verify that: • Site has been prepared properly prior to placement of controlled fill and/or excavations for foundations. • Foundation excavations are extended to proper depth and have reached proper material. • Materials below footings are adequate to achieve the design bearing capacity.	**Periodic**	**GE***	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) form for exemptions.)

	S2. SOIL COMPACTION AND FILL:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Perform classification and testing of fill materials.	**Test**	**LOR**	* Under the supervision of the geotechnical engineer.
☑	**b.** Verify use of proper materials, densities and inspect lift thicknesses, placement and compaction during placement of fill.	**Continuous**	**GE***	* By geotechnical engineer or his or her qualified representative. (Refer to specific items identified in the Appendix (end of this form) form for exemptions where soils SI and testing may be conducted under the supervision of a geotechnical engineer or LOR's engineering manager. In such cases, the LOR's form DSA 291 shall satisfy the soil SI and test reporting requirements for the exempt items.)
☑	**c.** Compaction testing.	**Test**	**LOR***	* Under the supervision of the geotechnical engineer. (Refer to specific items identified in the Appendix (end of this form) for exemptions where soils testing may be conducted under the supervision of a geotechnical engineer or LOR's engineering manager. In such cases, the LOR's form DSA 291 shall satisfy the soil test reporting requirements for the exempt items.)

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2022 CBC

Table 1705A.6, Table 1705A.7, Table 1705A.8

Application Number: **School Name:** **School District:**

DSA File Number: **Increment Number:** **Date Created:**

	S3. DRIVEN DEEP FOUNDATIONS (PILES):

	S4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Note**
☑	**a.** Inspect drilling operations and maintain complete and accurate records for each pier.	**Continuous**	**GE***	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) for exemptions.)
☑	**b.** Verify pier locations, diameters, plumbness, bell diameters (if applicable), lengths and embedment into bedrock (if applicable); record concrete or grout volumes.	**Continuous**	**GE***	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) for exemptions.)
☑	**c.** Confirm adequate end strata bearing capacity.	**Continuous**	**GE***	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) for exemptions.)
☑	**d.** Concrete piers.	Provide tests and inspections per CONCRETE section below.		

	S5. RETAINING WALLS:

	S6. OTHER SOILS:

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (CONCRETE), 2022 CBC

Table 1705A.3; ACI 318-19 Sections 26.12 & 26.13

Application Number: **School Name:** **School District:**

DSA File Number: **Increment Number:** **Date Created:**

	C1. CAST-IN-PLACE CONCRETE			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Verify use of required design mix.	**Periodic**	**SI**	**Table 1705A.3 Item 5, 1910A.1.**
☑	**b.** Identify, sample, and test reinforcing steel.	**Test**	**LOR**	**1910A.2;** ACI 318-19 Ch.20 and Section 26.6.1.2; DSA IR 17-10. (See Appendix (end of this form) for exemptions.)
☑	**c.** During concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	**Test**	**LOR**	**Table 1705A.3 Item 6**, ACI 318-19 Sections 26.5 & 26.12.
☑	**d.** Test concrete (f'c).	**Test**	**LOR**	**1905A.1.17;** ACI 318-19 Section 26.12.
☐	**e.** Batch plant inspection:	**See Notes**	**SI**	Default of '**Continuous**' per **1705A.3.3**. If approved by DSA, batch plant inspection may be reduced to '**Periodic**' subject to requirements in Section **1705A.3.3.1**, or eliminated per **1705A.3.3.2**. See IR 17-13. (See Appendix (end of this form) for exemptions.)
☐	**f.** Welding of reinforcing steel.	Provide special inspection per STEEL, Category S/A4(d) & (e) and/or S/A5(g) & (h) below.		

	C2. PRESTRESSED / POST-TENSIONED CONCRETE (IN ADDITION TO SECTION C1):

	C3. PRECAST CONCRETE (IN ADDITION TO SECTION C1):

	C4. SHOTCRETE (IN ADDITION TO SECTION C1):

	C5. POST-INSTALLED ANCHORS:

	C6. OTHER CONCRETE:

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMNINUM), 2022 CBC

1705A.3, Table 1705A.2.1; AISC 303-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: **School Name:** **School District:**

DSA File Number: **Increment Number:** **Date Created:**

	S/A1. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Verify identification of all materials and: • Mill certificates indicate material properties that comply with requirements. • Material sizes, types and grades comply with requirements.	**Periodic**	*	**Table 1705A.2.1 Item 3a–3c**; 2202A.1; AISI S100-20 Section A3.1 & A3.2, AISI S240-20 Section A3 & A5, AISI S220-20 Sections A4 & A6. * By special inspector or qualified technician when performed off-site.
☑	**b.** Test unidentified materials	**Test**	**LOR**	**2202A.1**
☑	**c.** Examine seam welds of HSS shapes	**Periodic**	**SI**	DSA IR 17-3.
☑	**d.** Verify and document steel fabrication per DSA-approved construction documents.	**Periodic**	**SI**	Not applicable to cold-formed steel light-frame construction, except for trusses (**1705A.2.4**).
☐	**e.** Buckling restrained braces.	**Test**	**LOR**	Testing and special inspections in accordance with IR 22-4.

	S/A2. HIGH-STRENGTH BOLTS:

	S/A3. WELDING:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Verify weld filler material identification markings per AWS designation listed on the DSA-approved documents and the WPS.	**Periodic**	**SI**	**1705A.2.5, Table 1705A.2.1 Items 4 & 5**; AWS D1.1 and AWS D1.8 for structural steel; AWS D1.2 for Aluminum; AWS D1.3 for cold-formed steel; AWS D1.4 for reinforcing steel; DSA IR 17-3.
☑	**b.** Verify weld filler material manufacturer's certificate of compliance.	**Periodic**	**SI**	DSA IR 17-3.
☑	**c.** Verify WPS, welder qualifications and equipment.	**Periodic**	**SI**	DSA IR 17-3.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMNINUM), 2022 CBC

1705A.3, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: **School Name:** **School District:**

DSA File Number: **Increment Number:** **Date Created:**

	S/A4. SHOP WELDING IN ADDITION TO SECTION S/A3):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Inspect groove welds; multi-pass fillet welds; single pass fillet welds > 5/16"; plug and slot welds.	**Continuous**	**SI**	**Table 1705A.2.1 Items 5c.1–4**; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
☑	**b.** Inspect single-pass fillet welds ≤ 5/16", floor and roof deck welds.	**Periodic**	**SI**	**1705A.2.2, Table 1705A.2.1 Items 5a.5 & 5a.6**; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
☐	**c.** Inspect welding of stairs and railing systems.	**Periodic**	**SI**	**1705A.2.1**; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3.
☐	**d.** Verification of reinforcing steel weldability other than ASTM A706.	**Periodic**	**SI**	**1705A.3.1**; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
☐	**e.** Inspect welding of reinforcing steel.	**Continuous**	**SI**	**Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8**; AWS D1.4; DSA IR 17-3.

	S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A3):

	S/A6. NONDESTRUCTIVE TESTING:

	S/A7. STEEL JOISTS AND TRUSSES:

	S/A8. SPRAYED FIRE-RESISTANT MATERIALS:

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMNINUM), 2022 CBC

1705A.3, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: **School Name:** **School District:**

DSA File Number: **Increment Number:** **Date Created:**

	S/A9. ANCHOR BOLTS AND ANCHOR RODS:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Anchor Bolts and Anchor Rods	**Test**	**LOR**	Sample and test anchor bolts and anchor rods not readily identifiable per procedures noted in DSA IR 17-11.
☐	**b.** Threaded rod not used for foundation anchorage	**Test**	**LOR**	Sample and test threaded rods not readily identifiable per procedures noted in DSA IR 17-11.

	S/A10. STORAGE RACK SYSTEMS:

	S/A11. Other Steel

Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: **School Name:** **School District:**

DSA File Number: **Increment Number:** **Date Created:**

Exempt items given in DSA IR A-22 or the 2019 CBC (including DSA amendments) and those items identified below with a check mark by the design professional are NOT subject to DSA requirements for the structural tests / special inspections noted. **Items marked as exempt shall be identified on the approved construction documents**. The project inspector shall verify all construction complies with the approved construction documents.

	SOILS:

	CONCRETE/MASONRY:

	WELDING:

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS(SIGNATURE), 2022 CBC

Application Number: **School Name:** **School District:**

DSA File Number: **Increment Number:** **Date Created:**

Name of Architect or Engineer in general responsible charge:

Name of Structural Engineer (When structural design has been delegated):

Signature of Architect or Structural Engineer: Date:

Note: To facilitate DSA electronic mark-ups and identification stamp application, DSA recommends against using secured electronic or digital signatures.

DSA STAMP

DSA 103-22: LIST OF REQUIRED VERIFIED REPORTS, CBC 2022

Application Number: **School Name:** **School District:**

DSA File Number: **Increment Number:** **Date Created:**

1. Soils Testing and Inspection: Geotechnical Verified Report Form DSA 293
2. Structural Testing and Inspection: Laboratory Verified Report Form DSA 291
3. Concrete Batch Plant Inspection: Laboratory Verified Report Form DSA 291
4. Shop Welding Inspection: Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292

NOTE: THE EXAMPLE FORM DSA-103(s) SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY.
A FORM DSA-103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA-103(s) ARE TO BE CROSSED OUT ON THIS DRAWING

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LICENSED PROFESSIONAL ENGINEER ZHISONG ZHAO S 6814 STRUCTURAL CALIFORNIA
3/06/23

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FABRIC CANOPIES DSA PC - BP
EXAMPLE FORM DSA 103 -
TESTS & INSPECTIONS

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Date:	1/19/2023

Job Number:

S6
Sheet No.