

NEW SHADE STRUCTURES AT GATEWAY CENTER

7151 HANNA STREET, GILROY, CA 95020

SANTA CLARA COUNTY OFFICE OF EDUCATION

GENERAL NOTES

PRE-BID SITE VISIT

CONTRACTOR SHALL VISIT THE PROJECT AREA IN ORDER TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND THE REQUIREMENTS OF THE PROJECT. THE CONTRACTOR MAY CONTACT THE ARCHITECT DURING THE BIDDING PHASE REGARDING CLARIFICATIONS AND PROJECT REQUIREMENTS.

SAFETY

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

DAMAGE TO STRUCTURE OR SYSTEMS TO REMAIN

CONTRACTOR SHALL REIMBURSE THE OWNER FOR REPAIR AND REPLACEMENT, INCLUDING ARCHITECT'S FEES, FOR ANY DAMAGE CAUSED TO STRUCTURES, LANDSCAPE, SITE WORK, OR EXISTING SYSTEMS TO REMAIN, AS THE RESULT OF CONSTRUCTION OPERATIONS.

EXISTING CONDITIONS

ALL EXISTING CONDITIONS ARE SHOWN BASED ON THE BEST INFORMATION AVAILABLE AT THE TIME, BUT WITHOUT GUARANTEE OF ACCURACY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND BUILDING DATA AT THE JOB SITE. ANY DISCREPANCIES REQUIRING MODIFICATION TO THE CONSTRUCTION DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. NO MODIFICATIONS SHALL BE MADE BY THE CONTRACTOR WITHOUT PRIOR APPROVAL FROM THE ARCHITECT.

CONTRACTOR'S EQUIPMENT

COORDINATE WITH OWNER'S REPRESENTATIVE FOR APPROVED LOCATION OF JOB SITE ACCESS, PARKING, AND LOCATION OF CONTRACTOR'S EQUIPMENT AND MATERIAL STORAGE AREA. SEE SITE PLAN FOR ADDITIONAL NOTES.

UTILITY SHUT-DOWNS AND CONNECTIONS

ALL REQUIRED UTILITY SHUT DOWNS SHALL HAVE PRIOR APPROVAL FROM THE OWNER'S REPRESENTATIVE. REQUEST SHALL BE SUBMITTED WITH ADEQUATE ADVANCE NOTICE PER PROJECT REQUIREMENTS.

ASBESTOS AND ASBESTOS PRODUCTS

THE OWNER/OPERATOR AND CONTRACTOR SHALL BE AWARE THAT BUILDINGS CONSTRUCTED PRIOR TO 1978 (OR THERE ABOUT) POSSIBILITY CONTAIN ASBESTOS IN SOME EXISTING CONSTRUCTION MATERIALS, AND WILL LIKELY BE ENCOUNTERED DURING ALTERATIONS OR REMODELING.

UNDER CALIFORNIA TITLE 8, THE OWNER AND CONTRACTOR BOTH HAVE RESPONSIBILITIES TO DETERMINE THE EXISTENCE OF ASBESTOS CONTAINING MATERIALS IN AREAS TO BE ALTERED OR REMODELED PRIOR TO COMMENCEMENT OF WORK AND TO TAKE APPROPRIATE MEASURES TO PROTECT PERSONNEL. CAL-OSHA HAS JURISDICTION OVER ASBESTOS RELATED WORK. ASBESTOS RELATED WORK SHALL BE DONE IN ACCORDANCE WITH CALIFORNIA GENERAL INDUSTRIAL SAFETY ORDERS, TITLE 8, SECTION 341.6 THROUGH 341.14. ASBESTOS IN THE WORK ENVIRONMENT IS REGULATED BY TITLE 8, SECTION 5209.

THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT AND DISTRICT REGULATION 11-2-401.3 REQUIRES EVERY RENOVATION INVOLVING THE REMOVAL OF 100 SQ. FT., LN.FT, OR GREATER OF REGULATED ASBESTOS CONTAINING MATERIAL, AND FOR EVERY DEMOLITION (EVEN WHEN NO ASBESTOS IS PRESENT), A NOTIFICATION MUST BE SENT TO THE BAAQMD AT LEAST 10 WORKING DAYS PRIOR TO COMMENCEMENT OF DEMOLITION/RENOVATION.

ALL BUILDING MATERIALS MUST BE ASBESTOS FREE.

THESE DOCUMENTS DO NOT ADDRESS CONTAMINANT FOR EXISTING AREAS OF ASBESTOS WHICH MAY BE DISCOVERED DURING CONSTRUCTION. THE OWNER'S ABATEMENT SUBCONTRACTOR IS SOLELY RESPONSIBLE FOR THE DETECTION, REMOVAL, AND THE DISPOSAL OF ANY EXISTING ASBESTOS MATERIAL. ARCHITECTURAL AND ENGINEERING FEES FOR ADDITIONAL DESIGN EFFORT TO OBTAIN STATE APPROVALS, AS WELL AS THE COST OF ANY REPAIRS, FOR DAMAGE CAUSED OR REPLACEMENT OF EXISTING SYSTEMS TO REMAIN, DUE TO WORK PERFORMED BY THE ASBESTOS ABATEMENT SUBCONTRACTOR, SHALL BE THE RESPONSIBILITY OF SAID SUBCONTRACTOR.

CONSTRUCTION SCHEDULING

CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH OWNER'S REPRESENTATIVE PRIOR TO SCHEDULING AND START OF THE WORK. CONTRACTOR SHALL PROVIDE PROTECTION TO ALL EXISTING SPACES AND SYSTEMS WHICH ARE IN USE, ADJOINING THE PROJECT, AND NOT PART OF THE PROJECT.

TITLE 24 COMPLIANCE

THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS (2022 CBC). SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK, SHALL BE SUBMITTED TO AND APPROVED BY THE DSA BEFORE PROCEEDING WITH THE WORK.

ADMINISTRATIVE REQUIREMENTS FROM PART 1, TITLE 24, C.C.R.

- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT, AND APPROVED BY DSA, AS PER SECTION 4-338.
- A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF WORK, PER SECTION 4-342.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT SHALL CONDUCT ALL REQUIRED TEST AND INSPECTIONS FOR THE PROJECT.
- SPECIAL INSPECTION PER SECTION 4-333 (C).
- CONTRACTOR SHALL SUBMIT VERIFIED REPORT OR SECTION 4-336 & 4-343 (C).
- ADMINISTRATION OR CONSTRUCTION PER PART 1, TITLE 24, C.C.R.
- DUTIES OF ARCHITECT, STRUCTURAL ENGINEER, OR PROFESSIONAL ENGINEER PER SECTION 4-333 (A) AND 4-341.
- DUTIES OF CONTRACTOR PER SECTION 4-343.
- VERIFIED REPORTS PER SECTION 4-343 AND 4-336.
- A COPY OF PARTS 1 TO 5 OF TITLE 24 SHALL BE KEPT AND AVAILABLE IN THE FIELD DURING CONSTRUCTION.
- DSA SHALL BE NOTIFIED AT START OF CONSTRUCTION AND PRIOR TO PLACEMENT OF CONCRETE PER SECTION 4-331.
- SUPERVISION BY DSA PER SECTION 4-334.
- DSA IS NOT SUBJECT TO ARBITRATION.
- ADDENDA MUST BE SIGNED BY ARCHITECT AND APPROVED BY DSA.
- NO CHANGES OR REVISIONS SHALL BE MADE FOLLOWING WRITTEN APPROVAL WHICH AFFECTS ACCESS COMPLIANCE ITEM UNLESS SUCH CHANGES TO REVISIONS ARE SUBMITTED TO DSA FOR APPROVAL.
- SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE SUBMITTED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDA, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION.
- CONSTRUCTION CHANGE DOCUMENTS MUST BE SIGNED BY THE FOLLOWING:
 - ARCHITECT OR ENGINEER OF RECORD
 - STRUCTURAL ENGINEER (WHEN APPLICABLE)
 - DELEGATED PROFESSIONAL ENGINEER
 - DSA
- MATERIALS AND THEIR INSTALLATIONS SHALL COMPLY WITH APPLICABLE CODES.
- PER CBC 11B-104.1 "ALL DIMENSIONS ARE SUBJECT TO CONVENTIONAL INDUSTRY TOLERANCES EXCEPT WHERE THE REQUIREMENT IS STATED AS A RANGE WITH SPECIFIC MINIMUM AND MAXIMUM END POINTS."

ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND CFC, AND THE WRITTEN SIDE FIRE SAFETY PLAN

ABBREVIATIONS

(REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL ABBREVIATIONS)

A.F.F.	ABOVE FINISHED FLOOR	LAM	LAMINATE
A.P.	ACCESS PANEL	LAV.	LAVATORY
ACT	ACOUSTIC TILE	M.B.	MACHINE BOLT
ADJ.	ADJUSTABLE	M.S.	MACHINE SCREW
ALUM.	ALUMINUM	M.H.	MANHOLE
A.B.	ANCHOR BOLT	MFG.	MANUFACTURER
APPROX.	APPROXIMATELY	M.B.	MARKER BOARD
ARCH.	ARCHITECT	MATL.	MATERIAL
AC	ASPHALTIC CONCRETE	MAX.	MAXIMUM
AT	AT	MECH.	MECHANICAL
B.M.	BENCH MARK	MTL.	METAL
BLKG.	BLOCKING	MIN.	MINIMUM
BD.	BOARD	MISC.	MISCELLANEOUS
B.W.	BOTH WAYS	MTD.	MOUNTED
BOT.	BOTTOM	(N)	NEW
BLDG.	BUILDING	NOM.	NOMINAL
B.U.R.	BUILT-UP ROOFING	N.I.C.	NOT IN CONTRACT
C.B.	CATCH BASIN	N.T.S.	NOT TO SCALE
C.L.S.	CEILING	NO. or #	NUMBER
CEM.	CEMENT	OCC.	OCCUPANT(CY)
C.C. or O.C.	CENTER TO CENTER	O.C.	ON CENTER
CER. TILE	CERAMIC TILE	OPNG.	OPENING
C.O.	CLEANOUT	OPP.	OPPOSITE
C.O.T.G.	CLEANOUT TO GRADE	O.H.	OPPOSITE HAND
CL.R.	CLEAR	O.F.O.S.	OUTSIDE FACE OF STUD
C.A.H.R.	CLEAR ALL HEART	O.H.W.S.	OVAL HEAD WOOD SCREW
REDWOOD	REDWOOD	O.D.	OUTSIDE DIAMETER
C.W.	COLD WATER	O.F.C.I.	OWNER FURNISHED AND CONTRACTOR INSTALLED
COL.	COLUMN	PR	PARTITION
COM.	COMMON	PART.	PLATE
CONC.	CONCRETE	PL	PLY (NAILS)
CONST.	CONSTRUCTION	d	PLASTER
C.H.	CONSTRUCTION HEART	PLYWD.	PLYWOOD
C.J.	CONSTRUCTION JOINT	COUNTER	COUNTER
CONT.	CONTINUOUS	P.T.	PRESSURE TREATED
CONTR.	CONTRACTOR	P.L.	PROPERTY LINE
CTR.	COUNTER	R. or RAD.	RADIUS
CTSK.	COUNTER SUNK	R.W.L.	RAIN WATER LEADER
DET.	DETAIL	RWD/R.W.	REDWOOD
DI.A. or Ø	DIAMETER	REINF.	REINFORCING
DIM.	DIMENSION	REQD.	REQUIRED
D.A.	DISABLED ACCESS	R.A.G.	RETURN AIR GRILLE
D.OOR.	DOOR	R.E.	RM ELEVATION
D.S.	DOWNSPOUT	R.D.	ROOF DRAIN
DWG.	DRAWING	RM.	ROOM
DRINKING FOUNTAIN	DRINKING FOUNTAIN	R.O.	ROUGH OPENING
and/or DOUGLAS FIR	and/or DOUGLAS FIR	RND.	ROUND
E.A.	EACH	R.H.M.S.	ROUND HEAD METAL SCREW
E.W.	EACH WAY	R.H.W.S.	ROUND HEAD WOOD SCREW
ELEC.	ELECTRIC or ELECTRICAL	SSD.	SEE STRUCTURAL DRAWINGS
EL.	ELEVATION	S.T.S.M.S.	SELF TAPPING SHEET METAL SCREW
ENCL.	ENCLOSE and/or ENCLOSURE	SHEATH.	SHEATHING
EQ.	EQUAL	S.M.	SHEET METAL
EQUIP.	EQUIPMENT	S.M.S.	SHEET METAL SCREW
(E)	EXISTING	S.O.V.	SHUT OFF VALVE
EX.	EXPANSION	SIM.	SIMILAR
E.J.	EXPANSION JOINT	S.C.	SOLID CORE
EXT.	EXPOSED	SPEC.	SPECIFICATION
F.O.C.	FACE OF CONCRETE	SQ.	SQUARE
F.O.M.	FACE OF MASONRY	S.F.	SQUARE FEET
F.O.S.	FACE OF STUD	STAG.	STAGGERED
F.O.F.	FACE OF FINISH	STD.	STANDARD
FIN.	FINISH	S.S.	STAINLESS STEEL
FINISHED FLOOR	FINISHED FLOOR	STL.	STEEL
F.S.	FINISH SLAB	STOR.	STORAGE
F.E.C.	FIRE EXTINGUISHER	STRUCT.	STRUCTURAL
F.E.C.	FIRE EXTINGUISHER CABINET	S.A.G.	SUPPLY AIR GRILLE
F.H.	FIRE HYDRANT	THRES.	THRESHOLD
F.H.M.S.	FLAT HEAD METAL SCREW	T&G	TONQUE & GROOVE
F.H.W.S.	FLAT HEAD WOOD SCREW	T.J.	TOOLED JOINT
FL. or FL.R.	FLOOR	T.O.B.	TOP OF BEAM
F.D.	FLOOR DRAIN	T.O.C.	TOP OF CURB or CONCRETE
FTG.	FOOTING	T.O.S.	TOP OF STEEL or SHEATHING
FND.	FOUNDATION	T.O.W.	TOP OF WALK
GALV.	GALVANIZED	TYP.	TYPICAL
G.I.	GALVANIZED IRON	U.O.N.	UNLESS OTHERWISE NOTED
GA.	GAUGE	U.O.S.	UNLESS OTHERWISE SHOWN
GL.	GLASS	VERT.	VENT THROUGH ROOF
GLUE-LAM	GLUE-LAMINATED	V.G.	VERTICAL GRAIN
GRD.	GRADE	V.F.	VERIFY IN FIELD
GYP. BD.	GYP. BOARD	V.C.T.	VINYL COMPOSITION TILE
HDW.	HARDWARE	V.W.C.	VINYL WALL COVERING
HT.	HEIGHT	V.O.I.P.	V.O.I.P.
H.C.	HOLLOW CORE	W.C.	WATER CLOSET
H.M.	HOLLOW METAL	W.H.	WATER HEATER
HORIZ.	HORIZONTAL	W.P.	WATERPROOF
H.B.	HOSE BIBB	W.R.	WATER RESISTANT
I.D.	INSIDE DIAMETER	W.W.M.	WELDED WIRE MESH
INSUL.	INSULATION	W.D.	WINDOW DIMENSION
INT.	INTERIOR	WO	WITH
INVT.	INVERT	WO	WITHOUT
JT.	JOINT	WO	WOOD
J.H.	JOIST HANGER		
K.D.	KILN DRIED		

BLDG. CODES & STANDARDS:

2025	CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2022	CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R.
	(2021 INTERNATIONAL BUILDING CODE, VOLUMES 1 AND 2, WITH 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA ELECTRIC CODE (CEC), PART 3, TITLE 24, C.C.R.
	(2020 NATIONAL ELECTRIC CODE WITH 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R.
	(2021 UNIFORM MECHANICAL CODE WITH 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.
	(2021 UNIFORM PLUMBING CODE WITH 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R.
2022	CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.
	(2021 INTERNATIONAL FIRE CODE WITH 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.
2022	CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24, C.C.R.
2019	ASME A17.1/CSA B44 SAFETY CODE FOR ELEVATORS AND ESCALATORS
2010	ADA STANDARDS FOR ACCESSIBLE DESIGN
	(28 CFR PART 35 FOR TITLE II ENTITIES)
	CCR TITLE-19, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
NFPA 13	INSTALLATION OF SPRINKLER SYSTEMS
	(CA AMENDED)
2022 EDITION	
NFPA 14	INSTALLATION OF STANDPIPE & HOSE SYSTEMS
	(CA AMENDED)
2019 EDITION	
NFPA 24	PRIVATE FIRE SERVICE MAINS
	(CA AMENDED)
2019 EDITION	
NFPA 25	INSPECTION, TESTING AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS
	(CA AMENDED)
2013 CALIFORNIA EDITION	
2022 EDITION	
NFPA 72	NATIONAL FIRE ALARM CODE
	(CA AMENDED)
NFPA 110	EMERGENCY AND STANDBY POWER SYSTEMS
2016 EDITION	
NFPA 2001	CLEAN AGENT FIRE EXTINGUISHING SYSTEMS
2018 EDITION	
ICC 300	STANDARDS FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS
2017 EDITION	
SFM 12-10-1	POWER OPERATED EXIT DOORS
SFM 12-10-2	SINGLE POINT LATCHING OR LOCKING DEVICES
SFM 12-10-3	EMERGENCY EXIT & PANIC HARDWARE
UL 38	MANUAL OPERATING SIGNAL BOXES
1999/2005 EDITION	
UL 268A	SMOKE DETECTORS DUCT APPLICATIONS
1998/2003 EDITION	
UL 464	AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, AND ACCESSORIES
2003 EDITION	
UL 521	HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS
1999 EDITION	
UL 864	CONTROL UNIT FOR FIRE PROTECTIVE SIGNALING SYSTEMS
2014 EDITION	
	(W/ REVISIONS THROUGH DEC. 2014)

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

PROJECT SUMMARY

CONSTRUCTION OF TWO NEW P.C. SHADE STRUCTURES OVER EXISTING ALL-INCLUSIVE PLAY STRUCTURES.

DSA CERTIFICATION OF THE CURRENT PROJECT 01-122439 IS CONTINGENT UPON THE CERTIFICATION OF PROJECT 01-121862

THERE ARE NO DEFERRED SUBMITTALS FOR THIS PROJECT.

DESIGN TEAM

ARCHITECT
FINNEY ARCHITECTS
2155 SOUTH BASCOM AVENUE SUITE 250
CAMPBELL, CALIFORNIA 95008
(408) 983-5713
ATTN: MIKE BOWERS MIKE@FINNEYARCHITECTS.COM

PLAY STRUCTURE

MIRACLE PLAY SYSTEMS
6114 LA SALLE AVE #463
OAKLAND, CA 94611
(800) 679-7730

DRAWING INDEX

T1	TITLE SHEET
T1.1	OVERALL SITE PLAN
T2	SITE PLAN - ACCESS COMPLIANCE
T3	SITE PLAN - FIRE LIFE SAFETY

ARCHITECTURAL

A0.1	OVERALL SITE PLAN
A0.2	ENLARGED SITE PLAN
A0.4	TYPICAL SITE DETAILS
A5.1	ENLARGED RESTROOM FLOOR PLANS, ELEVATIONS AND DETAILS

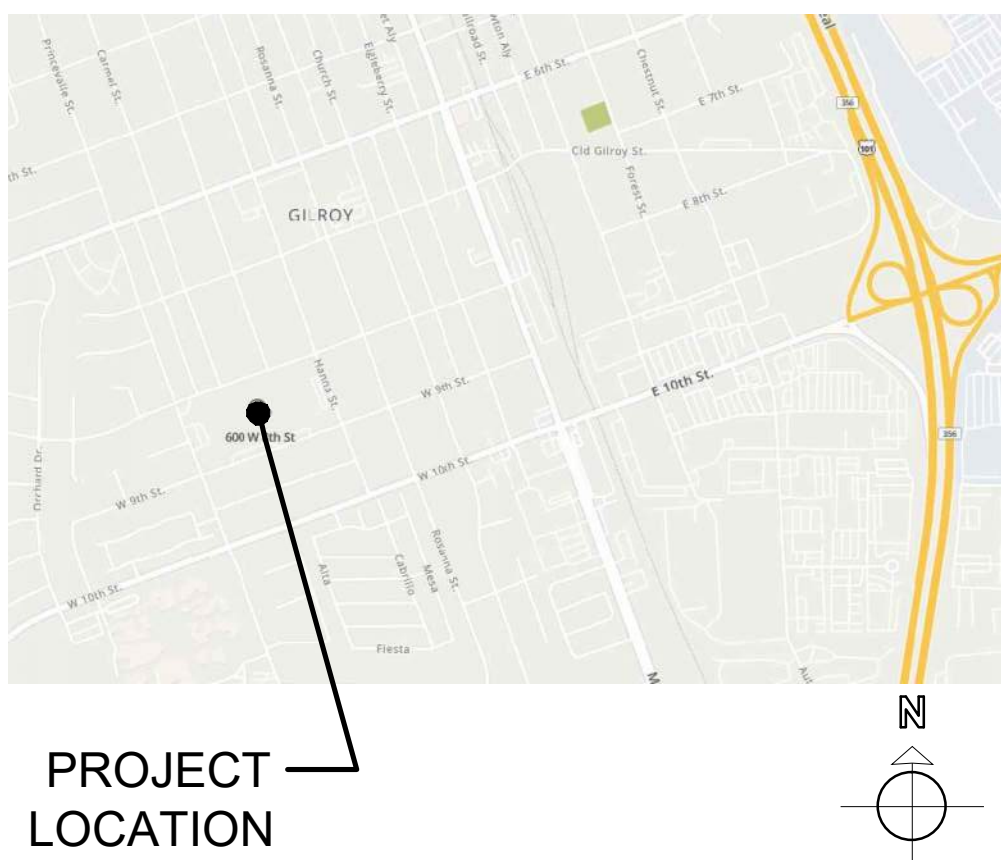
SHADE STRUCTURES

P.C. # 04-123501

T-1.0	TITLE SHEET
T-2.0	UNIT SELECTION
T-3.0	T&I FORMS
7.1-1000	PRODUCT INFORMATION - HIP
7.2-2000	REACTIONS - HIP
25.1-1000	PRODUCT INFORMATION - TENSIONS SAILS
25.2-2000	REACTIONS - TENSIONS SAILS FOUR POINT

SHEET TOTAL = 15

VICINITY MAP



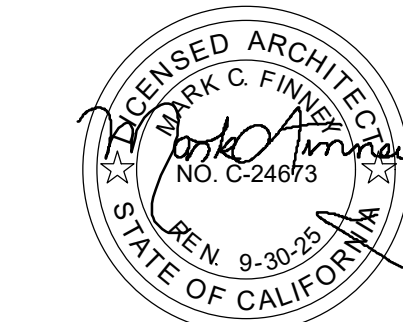
PROJECT LOCATION

STATEMENT OF GENERAL CONFORMANCE

APPLICATION NO.: 01-122439	FILE NO.: 43-62
THE DRAWINGS IDENTIFIED AS FOLLOWS:	
<input checked="" type="checkbox"/> ALL DRAWING SHEETS INCLUDED IN THIS SET NOT BEARING MY STAMP AND SIGNATURE.	
<input type="checkbox"/> DRAWING SHEETS DENOTED IN THE SHEET INDEX AS FOLLOWS:	
<input type="checkbox"/> DRAWING SHEETS INCLUDED UNDER THE FOLLOWING PC APPROVALS:	
HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND AUTHORIZED TO PREPARE SUCH DRAWINGS (PLANS) IN THIS STATE. THEY HAVE BEEN EXAMINED BY ME FOR:	
1) DESIGN INTENT AND APPEAR TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND	
2) COORDINATION WITH MY DRAWINGS (PLANS) AND SPECIFICATIONS AND ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.	
PER TITLE 24, PART 1, SECTION 4-316(b): THIS 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.	
SIGNATURE MARK FINNEY	DATE 9/30/2025
PRINTED NAME	EXPIRATION DATE

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT		
APP: 01-122439 INC:		
REVIEWED FOR	SS <input checked="" type="checkbox"/>	FLS <input checked="" type="checkbox"/>
DATE: 05/22/2025	ACS <input checked="" type="checkbox"/>	
(DSA STAMP AREA)		

FINNEY ARCHITECTS
2155 SOUTH BASCOM AVE.
SUITE 250
CAMPBELL, CA 95008
PHONE: 408-398-1450

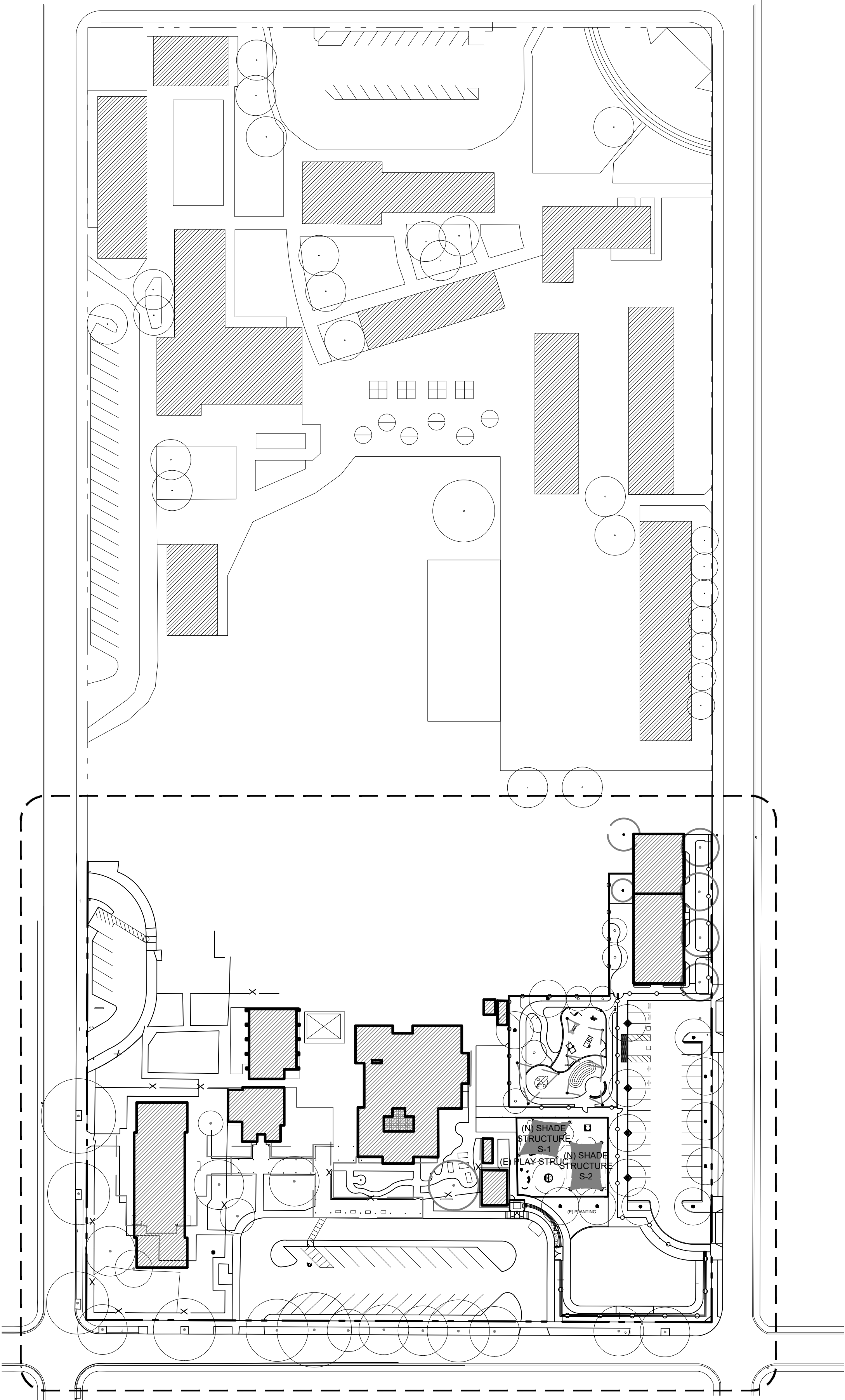


TITLE SHEET

REVISIONS	NO.	ITEM	DATE
	01	DSA SUBMITTAL	05/22/2025

DRAWN BY:	MR
CHECKED BY:	MB
PROJECT NO:	DATE:
24038.01	05/22/2025

T1



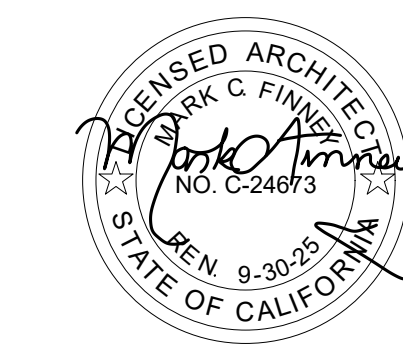
1 OVERALL SITE PLAN

1" = 60'-0"



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122439 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 05/22/2025
(DSA STAMP AREA)

FINNEY
ARCHITECTS
2155 SOUTH BASCOM AVE.
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PHONE: 408-398-1450

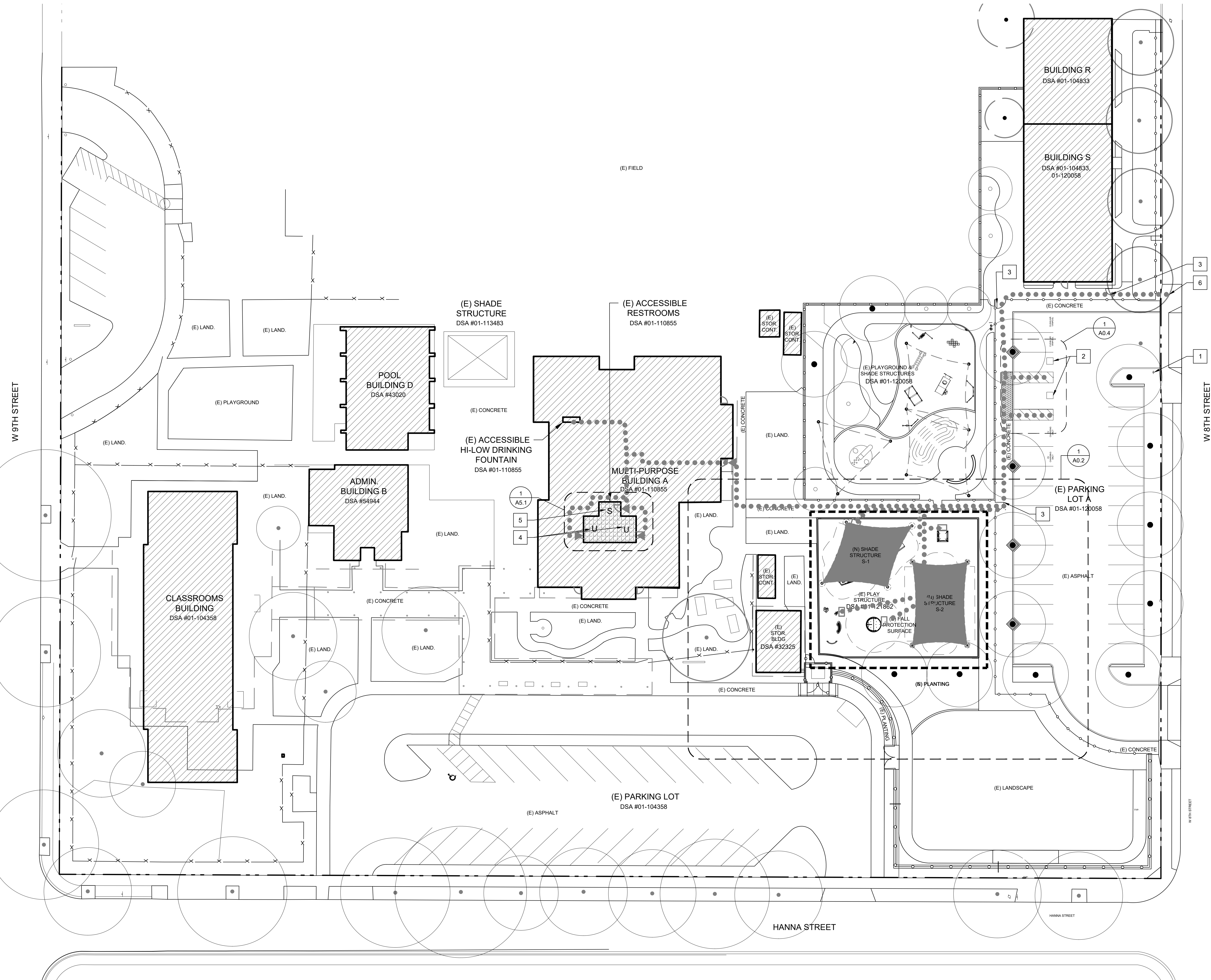


OVERALL SITE PLAN

NEW SHADE STRUCTURES AT
GATEWAY CENTER
7151 HANNA STREET, GILROY, CA 95020
SANTA CLARA COUNTY OFFICE OF EDUCATION

REVISIONS	NO.	ITEM	DATE
	01	DSA SUBMITTAL	05/22/2025

DRAWN BY: MR
CHECKED BY: MB
PROJECT NO: 24038.01
DATE: 05/22/2025



1 SITE PLAN - ACCESS COMPLIANCE

1" = 20'-0"

0 5' 10' 20' 40' 80'

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

THE PATH OF TRAVEL IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENT FOR ALTERATIONS. ADDITIONS AND STRUCTURAL REPAIRS, AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS, AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

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

GENERAL NOTES

- THIS SHEET IS FOR ACCESS COMPLIANCE CODE RELATED ITEMS. FOR SCOPE OF WORK SEE SHEETS A0.1 AND A0.2.
- REFER TO SHADE STRUCTURE DRAWINGS FOR EXTENT OF OTHER RELATED WORK.
- ACCESSIBLE PATH OF TRAVEL (P.O.T.), AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING A 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND AT LEAST 48" WIDE. THE PATH SURFACE IS SLIP RESISTANT, STABLE AND FIRM. PASSING SPACES (11B-403.5.3) AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART. PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS (11B-403.7) NOT MORE THAN 400' APART. THE CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL AND IS LESS THAN 5%. P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307.2).
- GATES IN THE PATH OF TRAVEL SHALL MEET DOOR REQUIREMENTS PER CBC SECTION 11B-404. ALL GATES TO HAVE ACCESSIBLE HARDWARE AND 10" MIN. SMOOTH BOTTOM OR KICK PLATES. PANIC HARDWARE AND EXIT SIGN MAY BE REQUIRED. COORDINATE WITH FIRE AND LIFE SAFETY.
- ARCHITECT AND CONTRACTOR TO VERIFY ALL BARRIERS IN P.O.T. HAVE BEEN REMOVED.
- ALL EXTERIOR ENTRANCES AND EXITS IDENTIFIED WITH A TRIANGULAR SYMBOL ON THIS PLAN ARE ACCESSIBLE AND COMPLY WITH CBC 11B-401 AND INCLUDE A 32" CLEAR OPENING, THE REQUIRED STRIKE EDGE CLEARANCE AT PULL SIDE OF DOOR, LEVEL LANDINGS WITH A 2% MAX. SLOPE, AND AN ACCESSIBLE THRESHOLD, HARDWARE, CLOSER AND KICK PLATE.

SITE PLAN - ACCESS COMPLIANCE NOTES

- EXISTING ENTRY WARNING SIGN, PER DSA #01-120058.
- EXISTING ACCESSIBLE PARKING, PER DSA #01-120058, SEE DETAIL 1/A0.4.
- EXISTING GATE WITH PANIC HARDWARE, PER DSA #01-120058.
- EXISTING STUDENT UNISEX RESTROOM, PER DSA #01-121862.
- EXISTING UNISEX ADULT RESTROOM, PER DSA #01-121862.
- EXISTING ACCESS TO PUBLIC RIGHT OF WAY

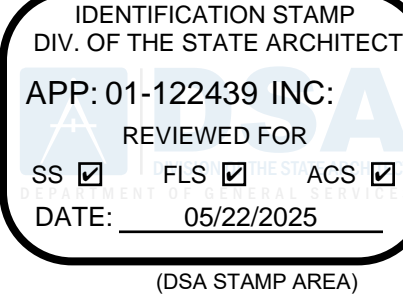
PARKING COUNT PER DSA #01-120058
PER 2022 CBC, TABLE 11B-208.2

PARKING LOT A - STAFF & VISITOR
TOTAL PARKING SPACES (INCLUDING ALL ACCESSIBLE PARKING SPACES) = 30
MINIMUM ACCESSIBLE PARKING SPACES REQUIRED = 2
TOTAL STANDARD ACCESSIBLE SPACES* = TOTAL VAN ACCESSIBLE SPACES* PROVIDED = 1 + 1 = 2
THEREFORE, OKAY.

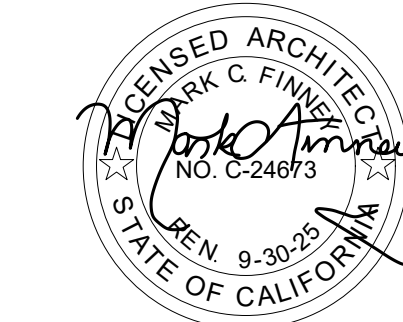
* FOR EVERY SIX STANDARD ACCESSIBLE SPACES REQUIRED, AT LEAST ONE SHALL BE A VAN PARKING SPACE.

GRAPHIC KEY

- | | | | |
|-------|---------------------------|---|---|
| --- | EXISTING PROPERTY LINE | ▶ | ACCESSIBLE ENTRANCE, SEE GENERAL NOTE "F" |
| ●●●●● | ACCESSIBLE PATH OF TRAVEL | ⊕ | (E) FIRE HYDRANT |
| --- | AREA OF NEW WORK | ⊕ | (E) SIGN |
| --- | EXISTING ROOF OVERHANG | U | (E) UNISEX STUDENT TOILET ROOM |
| --- | EXISTING CHAIN LINK FENCE | S | (E) UNISEX ADULT TOILET ROOM |
| --- | EXISTING DECORATIVE FENCE | | |
| --- | NEW DECORATIVE FENCE | | |
| ▨ | EXISTING BUILDING | ■ | NEW SHADE STRUCTURE |
| ▧ | EXISTING RESTROOMS | | |



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CAMPBELL, CA 95008
PHONE: 408-398-1450



SITE PLAN
ACCESS COMPLIANCE

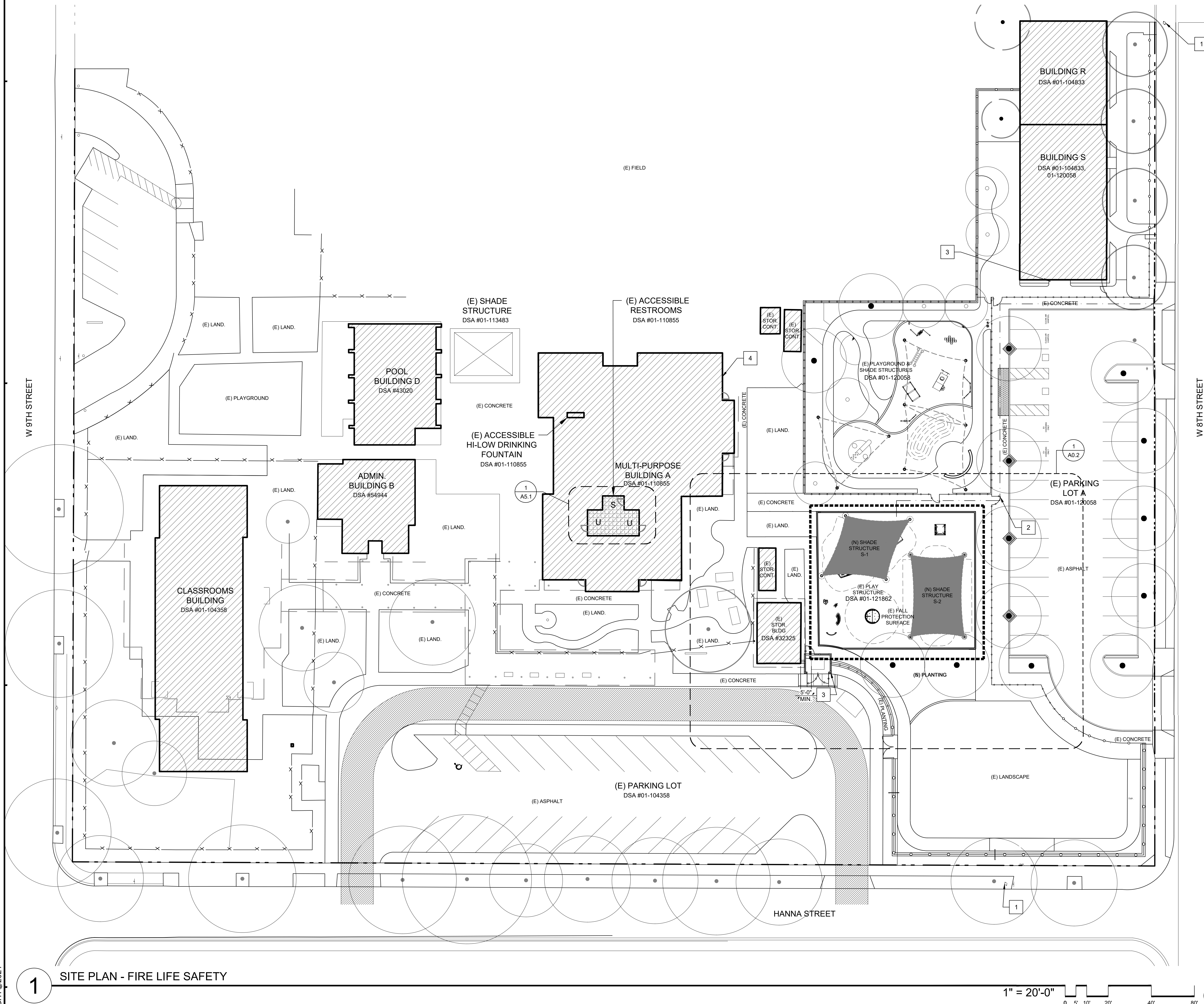
NEW SHADE STRUCTURES AT
GATEWAY CENTER
7151 HANNA STREET, GILROY, CA 95020
SANTA CLARA COUNTY OFFICE OF EDUCATION

REVISIONS	NO.	ITEM	DATE
	01	DSA SUBMITTAL	05/22/2025

DRAWN BY: MR
CHECKED BY: MB
PROJECT NO: 24038.01
DATE: 05/22/2025

BUILDING CODE ANALYSIS				
BUILDING	CONSTRUCTION TYPE OCCUPANCY TYPE	AREA (SQ.FT.)	ALLOWABLE (SQ.FT.)	# OF STORIES
MULTI-PURPOSE BUILDING A	V-B / E	8,114	9,500	1
ADMIN. BUILDING B	V-B / E, B	1,689	9,000	1
POOL BUILDING D	V-B / E	2,097	9,500	1
BUILDING S & R	V-B / E, B	2,800 + 1,920 = 4,800	9,000	1
(N) SHADE STRUCTURE 28X35X14 SAIL S-1	V-B / E	980	6,000	1
(N) SHADE STRUCTURE 30X30X12 HIP S-2	V-B / E	900	6,000	1

* THE OCCUPANCY OF EXISTING STRUCTURES AS DESCRIBED IN THE PROJECT INFORMATION CONTINUE WITHOUT CHANGE PER THE APPROVED DSA APPLICATION NUMBER (CBC 102.6). NO OCCUPANCY CHANGE, SIGNIFICANT ALTERATION, OR INCREASE IN SQUARE FOOTAGE IS PROPOSED FOR THIS PROJECT SCOPE OF WORK. BUILDINGS DO NOT REQUIRE THE ADDITION OF SPRINKLERS. EXISTING BUILDING CONSTRUCTION TYPE WILL BE MAINTAINED.



1

SITE PLAN - FIRE LIFE SAFETY

1" = 20'-0"

0 5' 10' 20' 40' 80'

PROJECT SUMMARY

CONSTRUCTION OF NEW P.C. SHADE STRUCTURES OVER EXISTING ALL-INCLUSIVE PLAY STRUCTURES, P.C. #04-123501:
30X40X12 HIP
30X30X15 TENSION SAIL FOUR POINT

GENERAL NOTES

- A. THIS SHEET IS FOR FIRE LIFE SAFETY CODE RELATED ITEMS. FOR SCOPE OF WORK SEE SHEETS A0.1 AND A0.2.
B. REFER TO LANDSCAPE DRAWINGS FOR EXTENT OF OTHER RELATED WORK.

SITE PLAN - FIRE LIFE SAFETY NOTES

1. EXISTING FIRE HYDRANT.
2. EXISTING GATE WITH PANIC HARDWARE, PER DSA #01-120058.
3. EXISTING FIRE ALARM EXTERIOR NOTIFICATION APPLIANCE, PER DSA #01-120058.
4. EXISTING FIRE ALARM EXTERIOR NOTIFICATION APPLIANCE, PER DSA #01-110855.



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: Santa Clara County Office of Education			
Project Name/School: New Play Structure at SCCOE Gateway at Glen View Elementary School			
Project Address: 600 W 8th Street, Gilroy, CA 95020			
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Refer to the following website for FHSZ locations: http://egis.fire.ca.gov/FHSZ/	Moderate <input type="checkbox"/>	High <input type="checkbox"/>	Very High <input type="checkbox"/>
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)			WIFA <input type="checkbox"/>

DGS DSA 810 (revised 01/30/20) DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 4
DIVISION OF THE STATE ARCHITECT

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

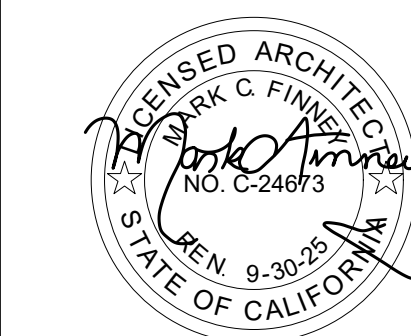
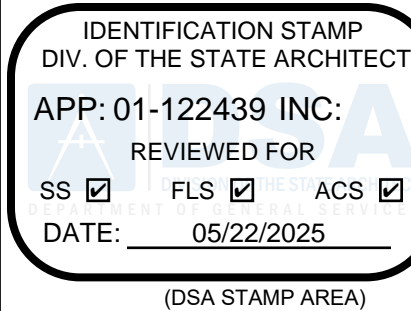
LFA Agency Name: _____
LFA Review Official: _____
Title: _____ Work Phone: _____
Work Email: _____

LFA Reviewer's Signature: _____ Date: _____

DGS DSA 810 (revised 01/30/20) DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 2 of 4
DIVISION OF THE STATE ARCHITECT

GRAPHIC KEY

---	EXISTING PROPERTY LINE		FIRE DEPARTMENT ACCESS.
---	AREA OF NEW WORK		FIRE DEPARTMENT ACCESS IS 20'-0" WIDE AND 14'-0" HIGH FOR 30,000 LBS. PER DSA #01-121862
---	EXISTING ROOF OVERHANG		EXISTING FIRE HYDRANT
---	EXISTING CHAIN LINK FENCE		EXISTING SIGN
---	EXISTING DECORATIVE FENCE		EXISTING BUILDING
---	PATH OF EGRESS		EXISTING RESTROOMS
			NEW SHADE STRUCTURE

SITE PLAN
FIRE LIFE SAFETY

NEW SHADE STRUCTURES AT
GATEWAY CENTER
7451 HANNA STREET, GILROY, CA 95020
SANTA CLARA COUNTY OFFICE OF EDUCATION

REVISIONS
NO. ITEM DATE
01 DSA SUBMITTAL 05/22/2025

DRAWN BY: MR
CHECKED BY: MB
PROJECT NO: DATE:
24038.01 05/22/2025

T3

GENERAL NOTES
A. REFER TO P.C. DRAWINGS FOR EXTENT OF OTHER RELATED WORK.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122439 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 05/22/2025
(DSA STAMP AREA)

FA

FINNEY

ARCHITECTS

2155 SOUTH BASCOM AVE.
SUITE 250
CAMPBELL, CA 95008
PHONE: 408-398-1450



OVERALL SITE PLAN

NEW SHADE STRUCTURES AT
GATEWAY CENTER
7151 HANNA STREET, GILROY, CA 95020
SANTA CLARA COUNTY OFFICE OF EDUCATION

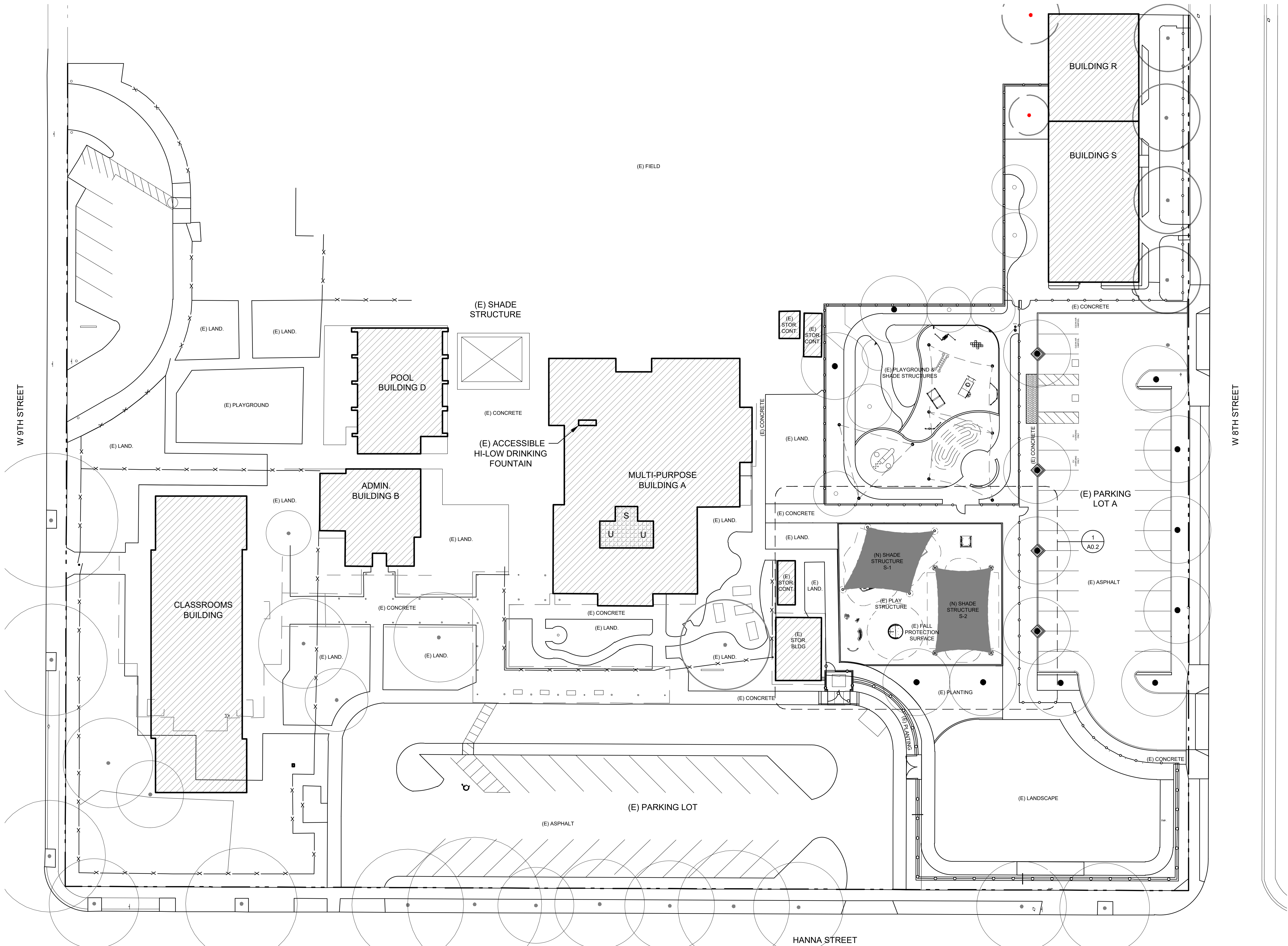
REVISIONS	NO.	ITEM	DATE
	01	DSA SUBMITTAL	05/22/2025

DRAWN BY:	MR
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PROJECT NO:	DATE:
24038.01	05/22/2025

A0.1

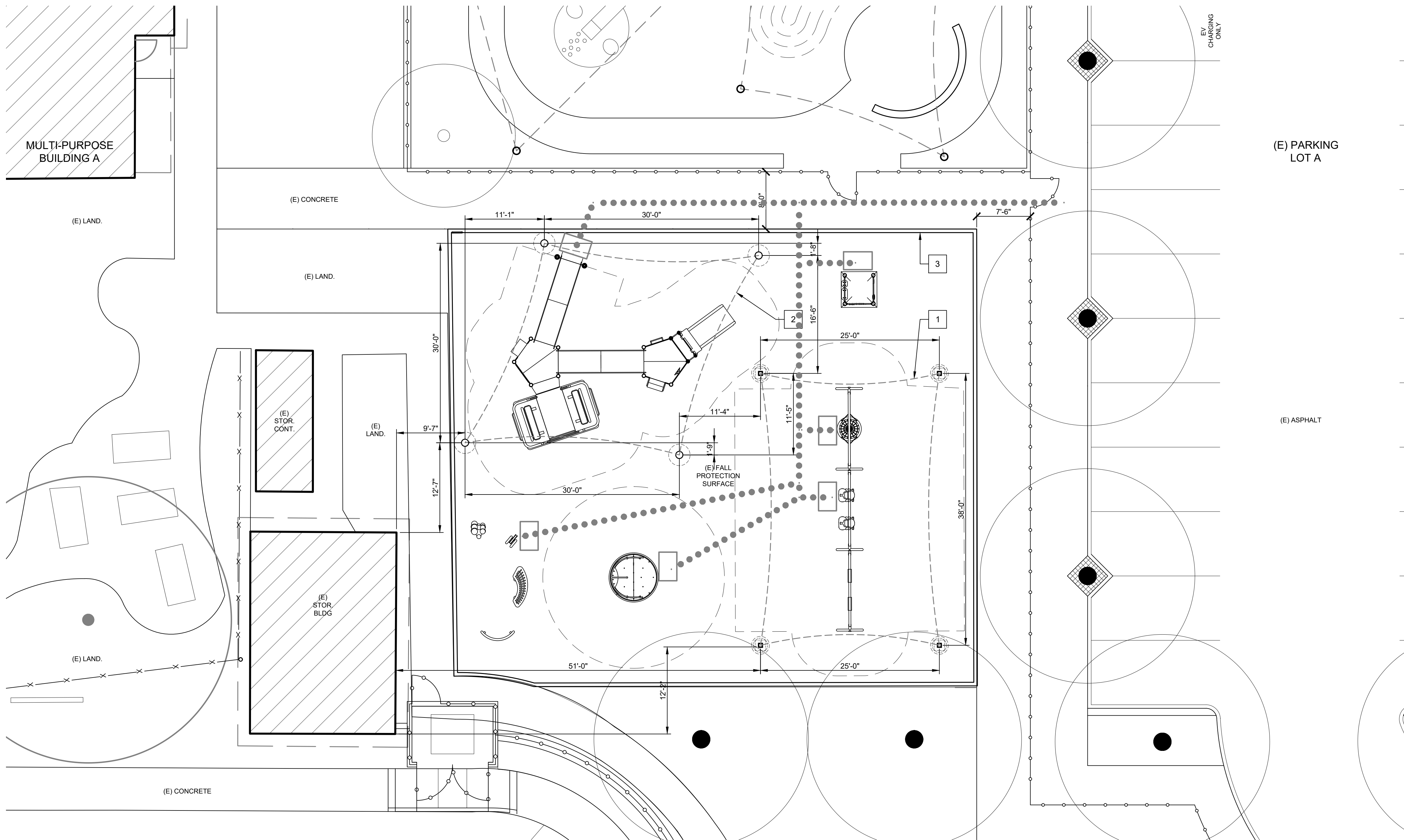
GRAPHIC KEY

- EXISTING ROOF OVERHANG
EXISTING CHAINLINK FENCE
EXISTING DECORATIVE FENCE
EXISTING BUILDING
NEW SHADE STRUCTURE



1 OVERALL SITE PLAN

1" = 20'-0"
0 5' 10' 20' 40' 80'
TRUE NORTH



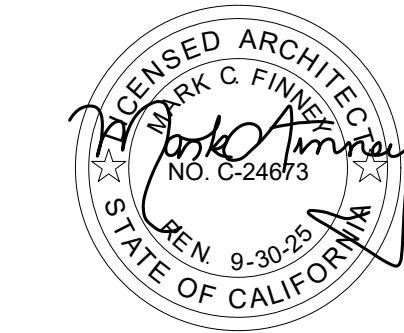
GENERAL NOTES

A. REFER TO P.C. DRAWINGS FOR EXTENT OF OTHER RELATED WORK.

B. CONTRACTOR TO VERIFY ALL BARRIERS IN P.O.T. HAVE BEEN REMOVED.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122439 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 05/22/2025
(DSA STAMP AREA)

FINNEY
ARCHITECTS
2155 SOUTH BASCOM AVE.
SUITE 250
CAMPBELL, CA 95008
PHONE: 408-398-1450



- NEW SITE PLAN NOTES
- (N) 38Wx25Lx12H HIP SHADE STRUCTURE TO BE LOCATED OVER (E) PLAY STRUCTURE. SEE P.C. DRAWINGS 04-123501. CONTRACTOR TO ADJUST ORIENTATION TO CONFORM WITH ACTUAL PLAY BOX LIMITS, UNDERGROUND UTILITIES, AND FALL ZONES. EXACT LOCATION TO BE CONFIRMED WITH OWNERS REPRESENTATIVE PRIOR TO INSTALLATION. TOP OF FOOTING SHALL BE BELOW (E) FALL PROTECTION MATERIAL. PATCH BACK (E) MATERIAL TO MATCH ADJACENT IN GRADE, SLOPE, MATERIAL, AND FINISH. SEE PC DRAWINGS FOR MORE INFORMATION.
 - (N) 30Wx30Lx14H TENSION TAIL FOUR POINT STRUCTURE TO BE LOCATED OVER (E) PLAY STRUCTURE. SEE P.C. DRAWINGS 04-123501. CONTRACTOR TO ADJUST ORIENTATION TO CONFORM WITH ACTUAL PLAY BOX LIMITS, UNDERGROUND UTILITIES, AND FALL ZONES. EXACT LOCATION TO BE CONFIRMED WITH OWNERS REPRESENTATIVE PRIOR TO INSTALLATION. TOP OF FOOTING SHALL BE BELOW (E) FALL PROTECTION MATERIAL. PATCH BACK (E) MATERIAL TO MATCH ADJACENT IN GRADE, SLOPE, MATERIAL, AND FINISH. SEE PC DRAWINGS FOR MORE INFORMATION.
 - (E) FLUSH CONCRETE CURB, SEE DETAIL 6/A0.4.

- GRAPHIC KEY
- EXISTING ROOF OVERHANG
 - EXISTING CHAINLINK FENCE
 - EXISTING DECORATIVE FENCE
 - EXISTING BUILDING
 - ACCESSIBLE PATH OF TRAVEL

ENLARGED SITE PLAN

NEW SHADE STRUCTURES AT
GATEWAY CENTER
7151 HANNA STREET, GILROY, CA 95020
SANTA CLARA COUNTY OFFICE OF EDUCATION

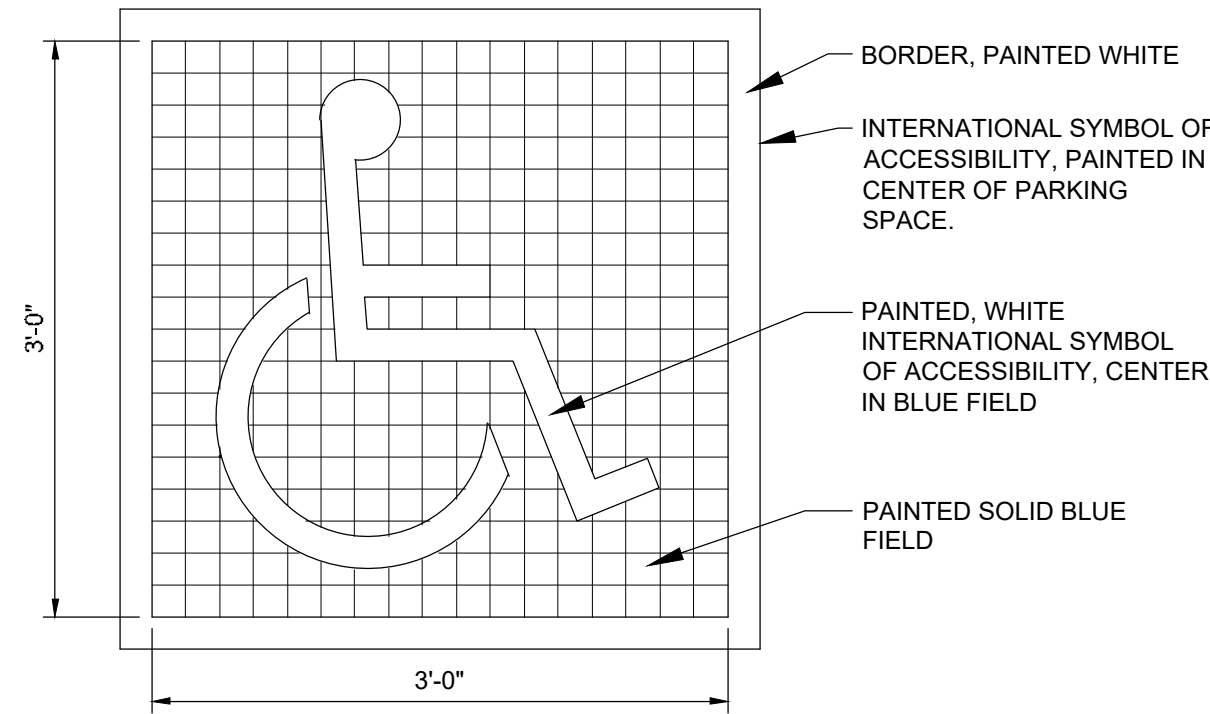
REVISIONS	NO.	ITEM	DATE
	01	DSA SUBMITTAL	05/22/2025

DRAWN BY: MR
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PROJECT NO: 24038.01
DATE: 05/22/2025

A0.2

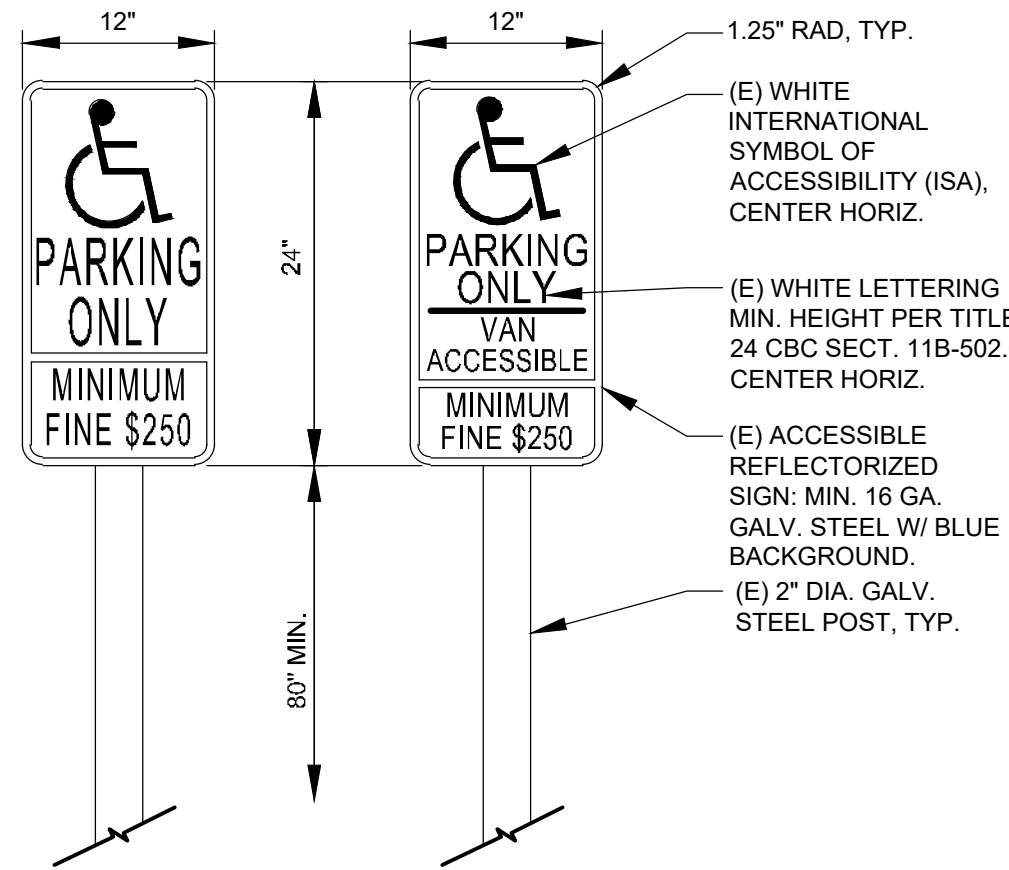
1 ENLARGED SITE PLAN

1/8" = 1'-0"
0 2' 4' 8' 16' 24'
TRUE NORTH

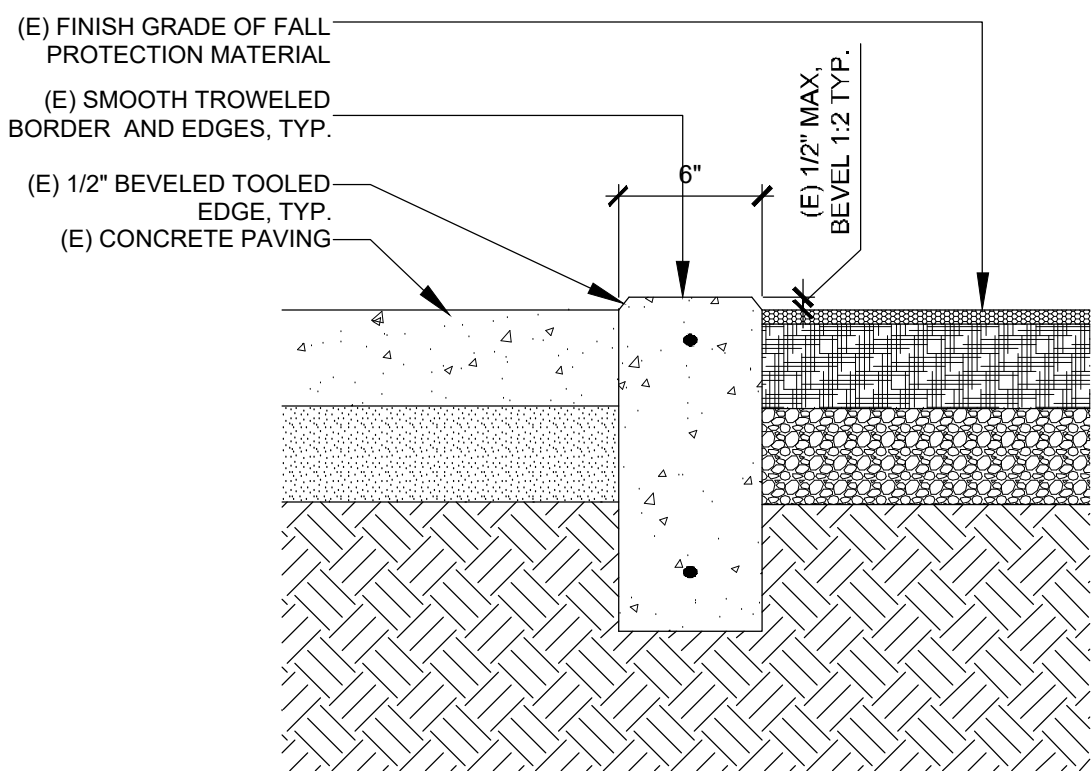


- NOTES:
1. GRID LINES ARE SHOWN FOR PROPORTION ONLY AND ARE NOT TO APPEAR AS PART OF SYMBOL
 2. DA SIGNAGE SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE.
 3. SYMBOL SHALL BE LOCATED SO THAT IT IS VISIBLE TO A TRAFFIC ENFORCEMENT OFFICER WHEN A VEHICLE IS PARKED IN THE SPACE.
 4. PAINT TO BE TRAFFIC PAINT
 5. SYMBOL PROPORTIONS SHALL MATCH CBC FIGURE 11B-703.7.2.1.

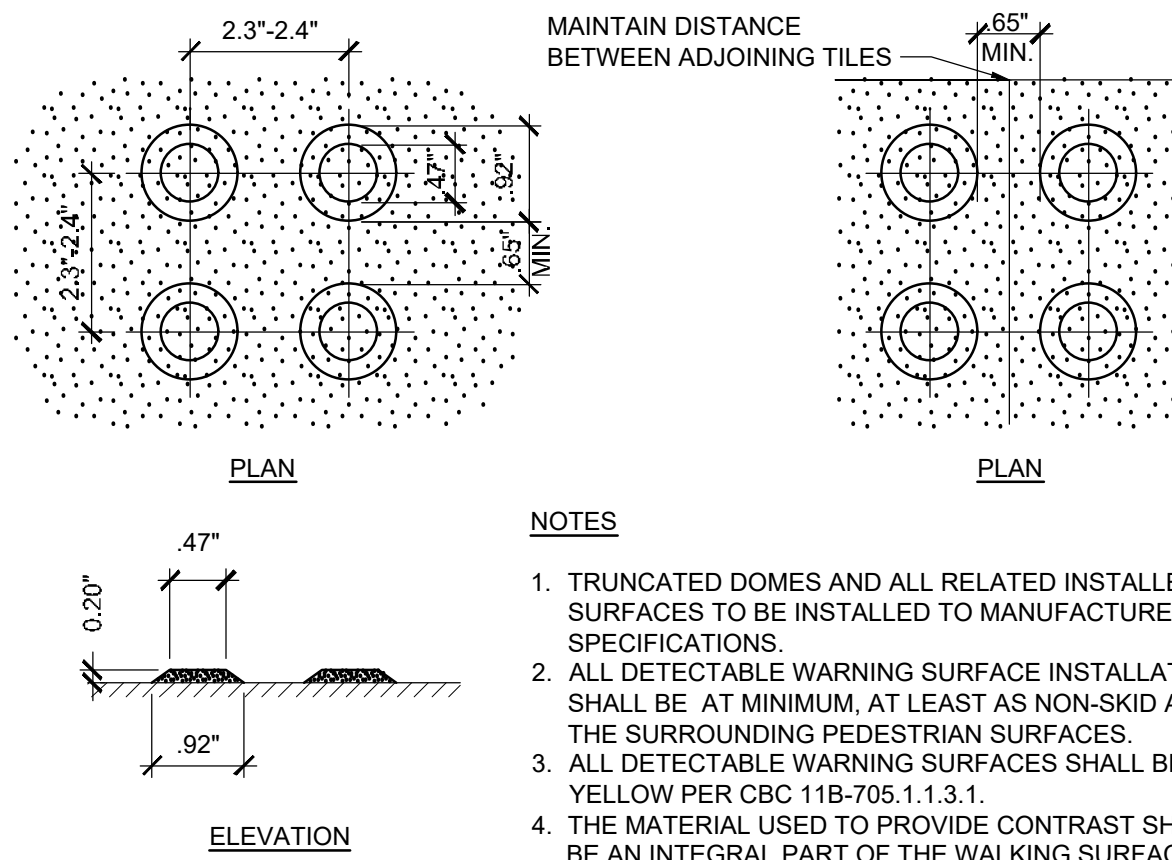
4 (E) INTERNATIONAL SYMBOL FOR ACCESSIBILITY (I.S.A.) 1"=1'-0"



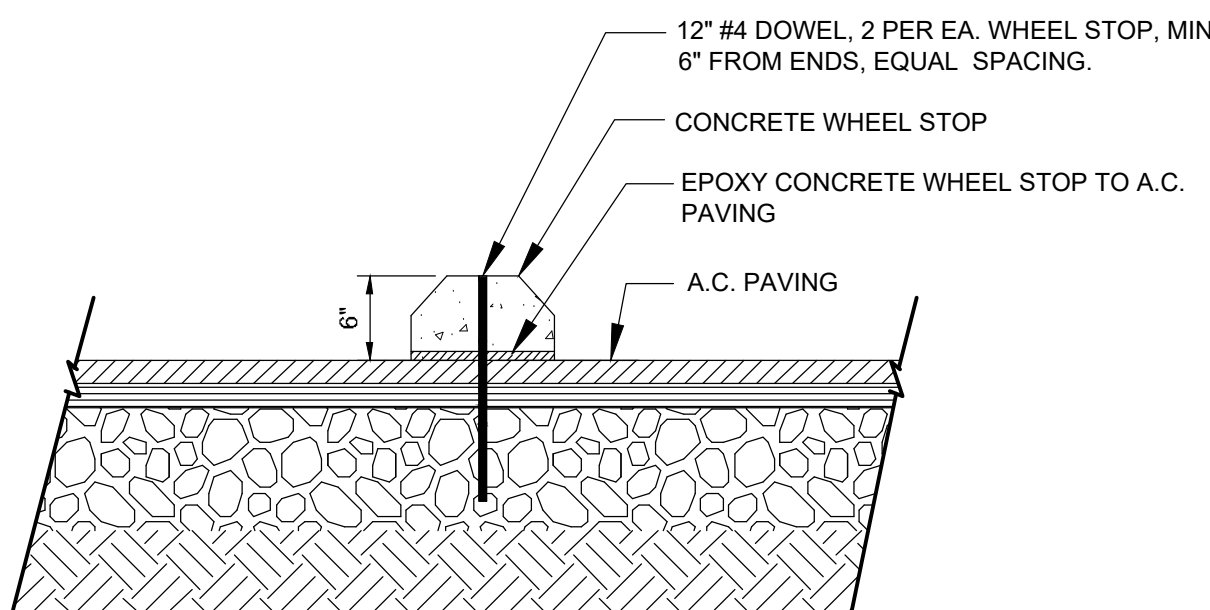
3 (E) ACCESSIBLE PARKING SIGNS ELEVATION 1"=1'-0"



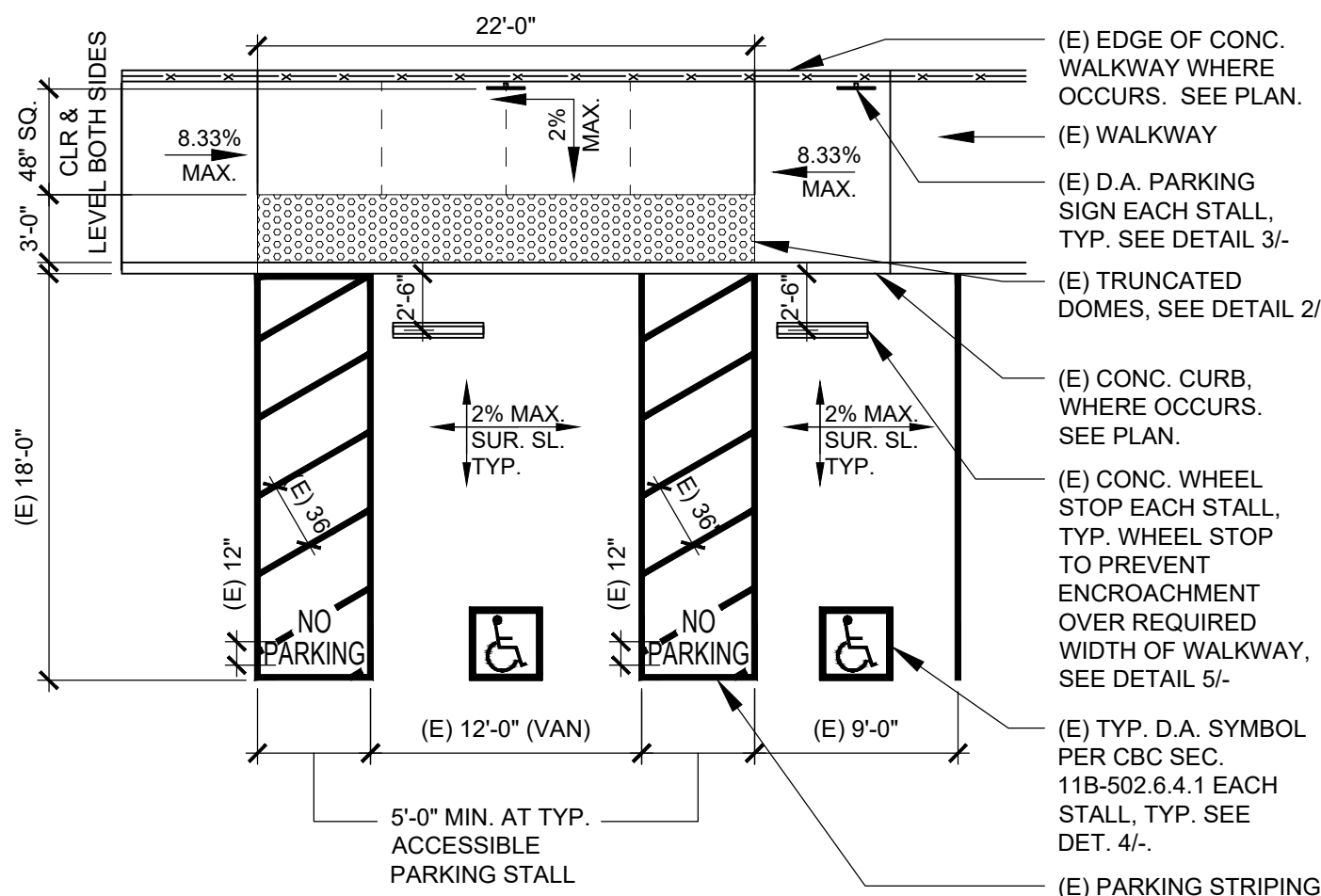
6 (E) CONCRETE CURB 1-1/2"=1'-0"



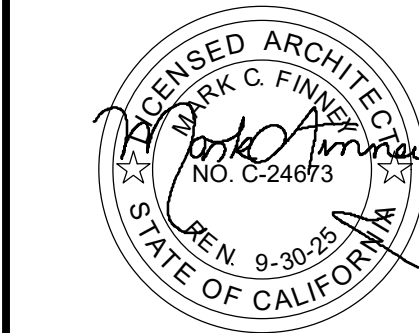
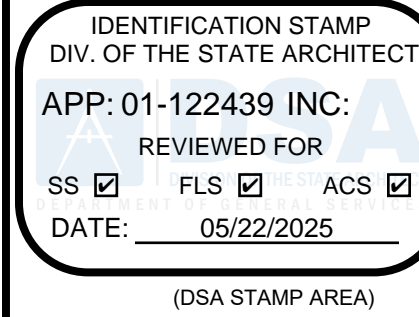
2 (E) TRUNCATED DOMES 1/2"=1'-0"



5 (E) WHEEL STOP 1"=1'-0"



1 (E) ACCESSIBLE PARKING STALLS PER DSA #01-120058 1/8"=1'-0"

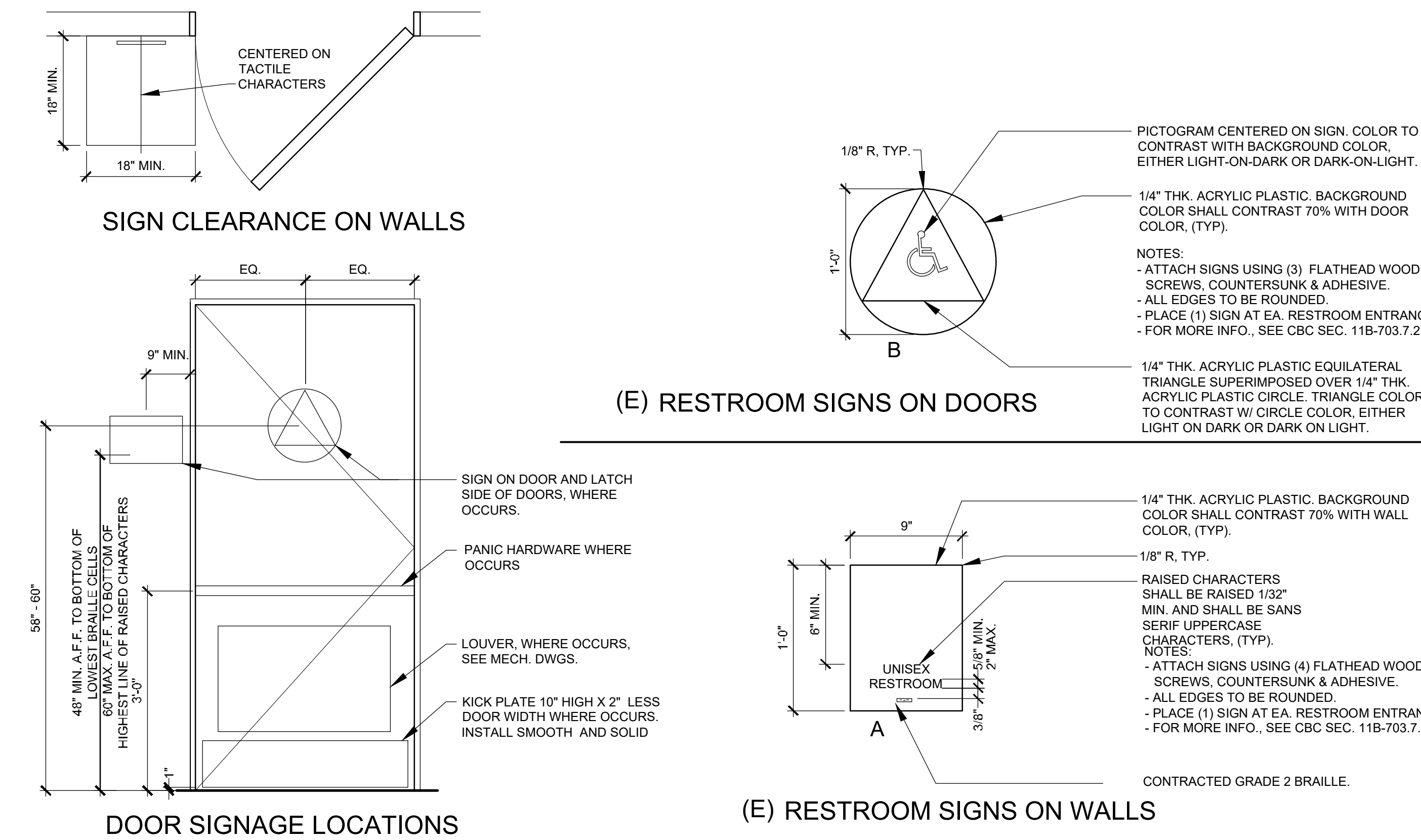


TYPICAL SITE DETAILS

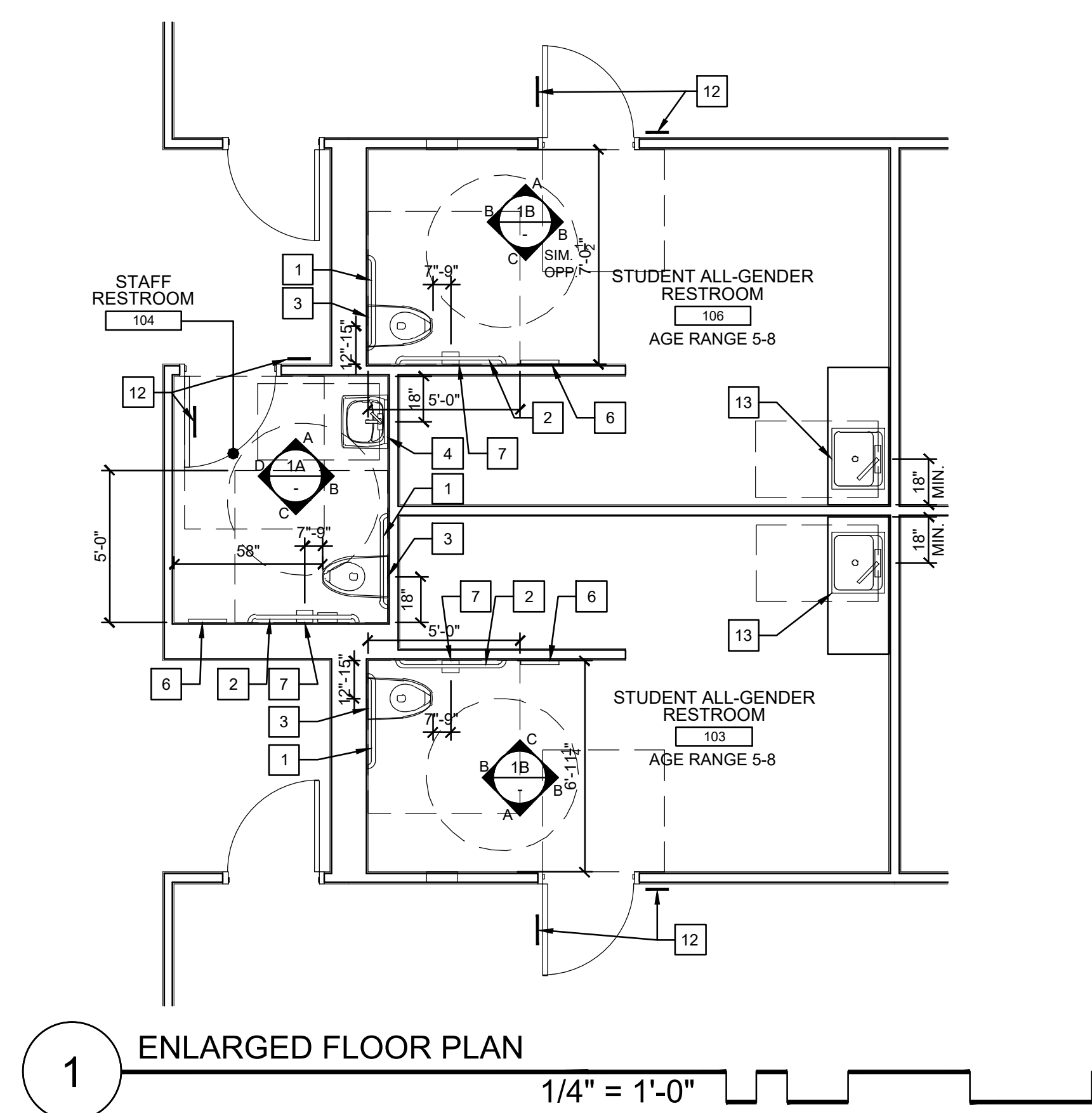
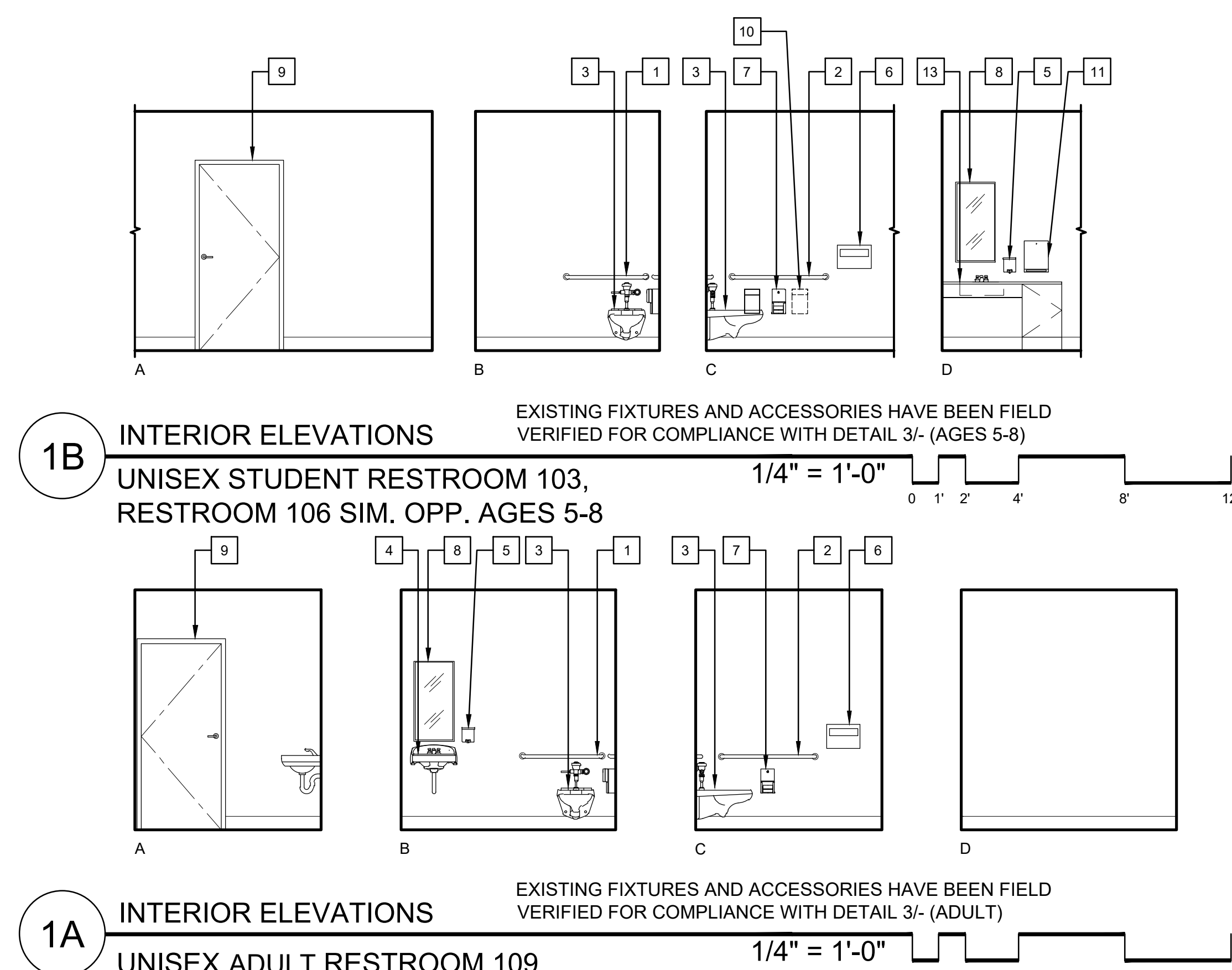
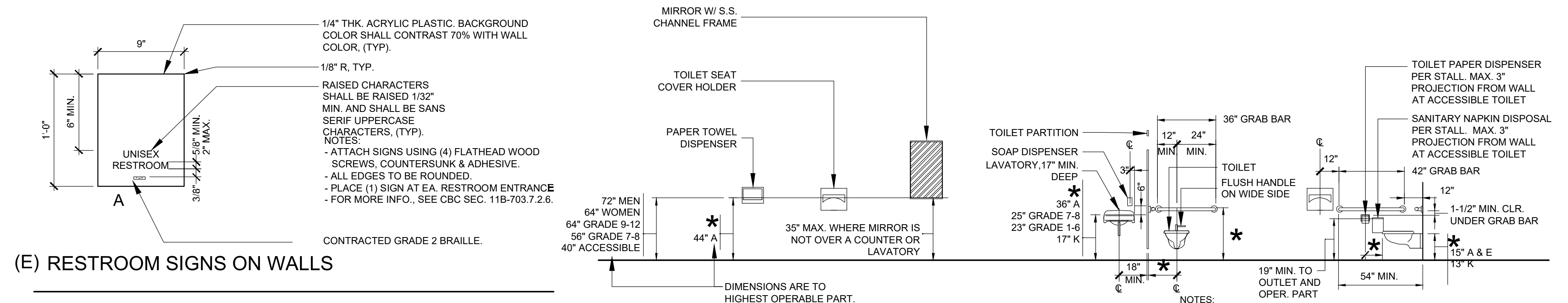
NEW SHADE STRUCTURES AT
GATEWAY CENTER
7151 HANNA STREET, GILROY, CA 95020
SANTA CLARA COUNTY OFFICE OF EDUCATION

NO.	ITEM	DATE
01	DSA SUBMITTAL	05/22/2025

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CHECKED BY:	MB
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24038.01	05/22/2025




NOTE: ALL HEIGHT DIMENSIONS ARE A.F.F. (OR A.F.G. FOR EXTERIOR). ALL HORIZONTAL DIMENSIONS ARE TO FACE-OF-FINISH




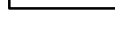
ENLARGED FLOOR PLAN NOTES


1. EXISTING 36" GRAB BAR.
2. EXISTING 42" GRAB BAR.
3. EXISTING ACCESSIBLE TOILET.
4. EXISTING ACCESSIBLE LAVATORY, SEE DETAIL 2/-.
5. EXISTING SOAP DISPENSER.
6. EXISTING TOILET SEAT COVER DISPENSER.
7. EXISTING TOILET PAPER DISPENSER TO BE REMOVED AND REPLACED AT A DISTANCE OF 7'-9" IN FRONT OF TOILET.
8. EXISTING MIRROR.
9. EXISTING DOOR.
10. EXISTING SANITARY NAPKIN DISPOSAL. RELOCATE AS NECESSARY PER 3/-.
11. EXISTING PAPER TOWEL DISPENSER AND TRASH CAN.
12. EXISTING DOOR AND WALL SIGNAGE, SEE DETAIL 4/-.
13. EXISTING CASEWORK AND LAVATORY PER DETAIL 5/-. MAX HEIGHT TO BE PER DETAIL 3/-, AGES 5-8.

GRAPHIC KEY

 (E) STUD WALL TO REMAIN

 SIGNAGE, SEE DETAIL 4/-

 60" X CLEAR TURN AROUND SPACE

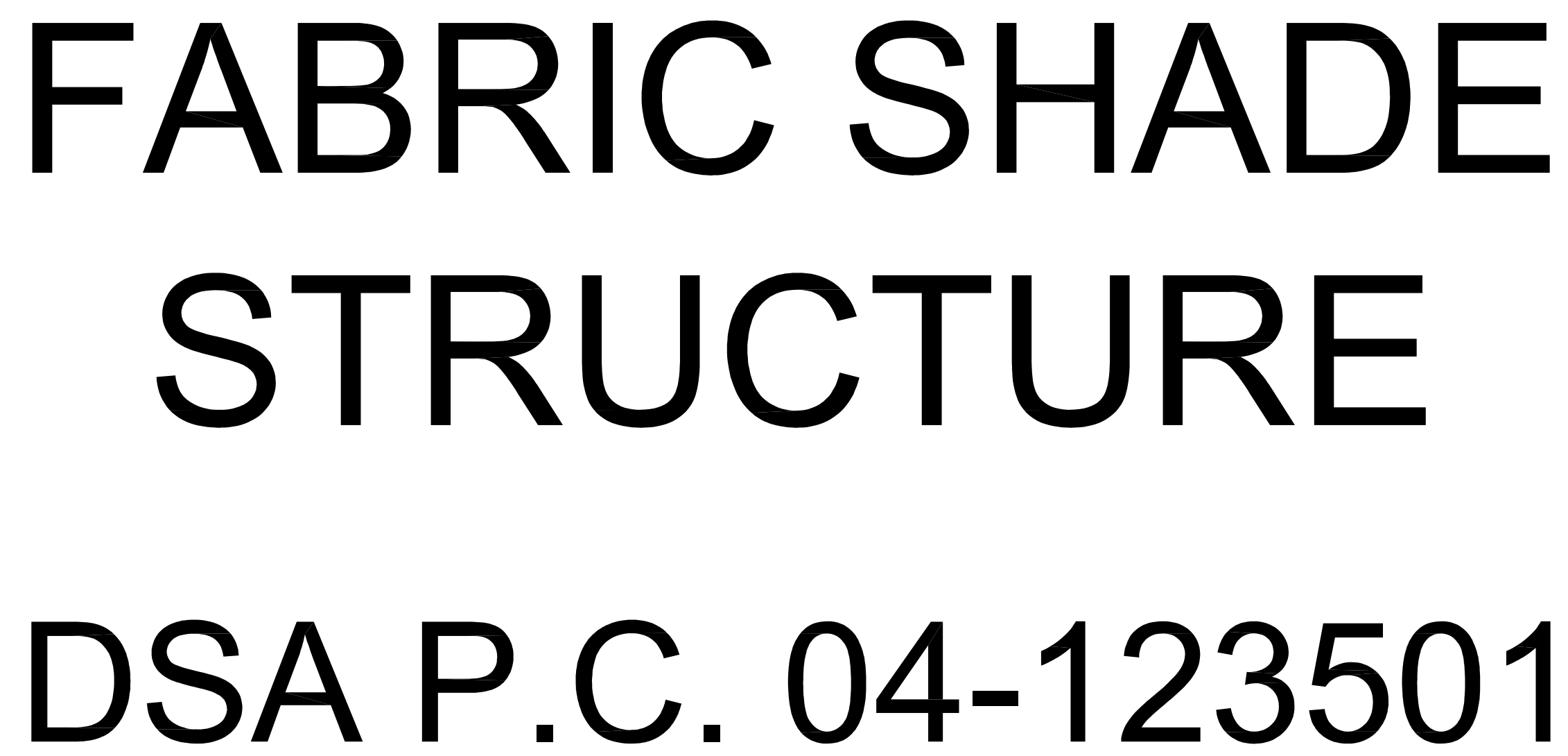
 30" X 48" CLEAR AREA AT FIXTURE

NEW SHADE STRUCTURES AT
GATEWAY CENTER
7151 HANNA STREET, GILROY, CA 95020
SANTA CLARA COUNTY OFFICE OF EDUCATION

NO.	ITEM	DATE
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AWN BY:	MR
CHECKED BY:	MB
PROJECT NO:	DATE:
038.01	05/22/2025

A5.1



PLANS FOR SPECIFIC APPLICATION SHALL INCLUDE THE FOLLOWING:

LIST OF APPLICABLE CODES:

- 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
- 2022 CALIFORNIA ELECTRICAL CODE (CEC) , PART 3, TITLE 24 C.C.R.
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
- 2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
- 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
- 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 C.C.R.
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

APPLICABLE STANDARDS:

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

APPLICABLE CODES

SELECT ONE

SITE SPECIFIC PARAMETERS

INSTRUCTIONS: DESIGN PROFESSIONAL SHALL CHECK THE APPROPRIATE SELECTION BOXES BELOW AND ENTER THE DESIGN PARAMETERS APPLICABLE TO THE SPECIFIC PROJECT SITE

SEISMIC

☐ DESIGN BASED ON SITE CLASS D_{max}

NO GEOTECHNICAL INVESTIGATION REQUIRED

$S_s = \underline{\hspace{2cm}}$ $F_a = 1.2$

☒ DESIGN BASED ON SITE CLASS DETERMINED PER CHAPTER 20 OF ASCE 7-16

GEOTECHNICAL INVESTIGATION PROVIDED

SITE CLASS: ☐ C ☒ D

$S_s = \underline{1.5}$ $F_a = \underline{1.0}$ PER ASCE 7-16 SUPPL 3, TABLE 11.4-1

☐ DESIGN BASED ON SITE CLASS SPECIFIC GRADE MOTION HAZARD ANALYSIS PER CHAPTER 21 OF ASCE 7-16

SHORT-PERIOD DESIGN SPECTRAL RESPONSE PARAMETER, S_{SD} , SHALL BE AS SPECIFIED IN GEOTECHNICAL INVESTIGATION

CGS APPROVAL REQUIRED

NOT ELIGIBLE FOR OTC REVIEW

SITE CLASS: ☐ C ☐ D

$S_{SD} = 2/3 Fa S_s = \underline{1.5}$ ≤ 2.0

$C_s = 1.6$ USED IN DESIGN

SEISMIC DESIGN CATEGORY: ☒ D ☐ E


CODE ANALYSIS

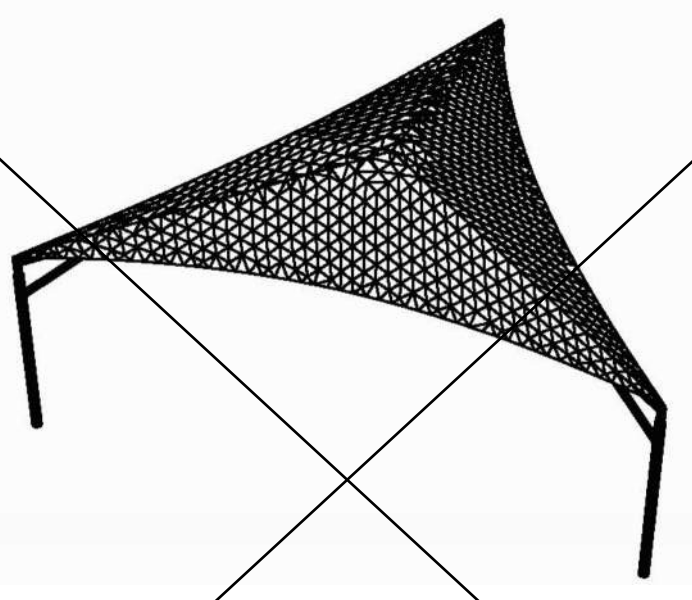
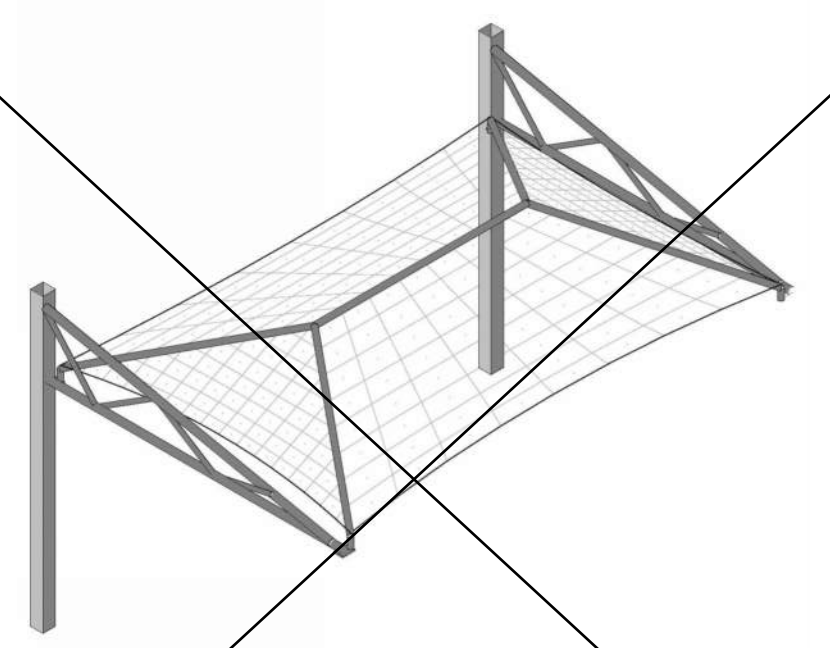
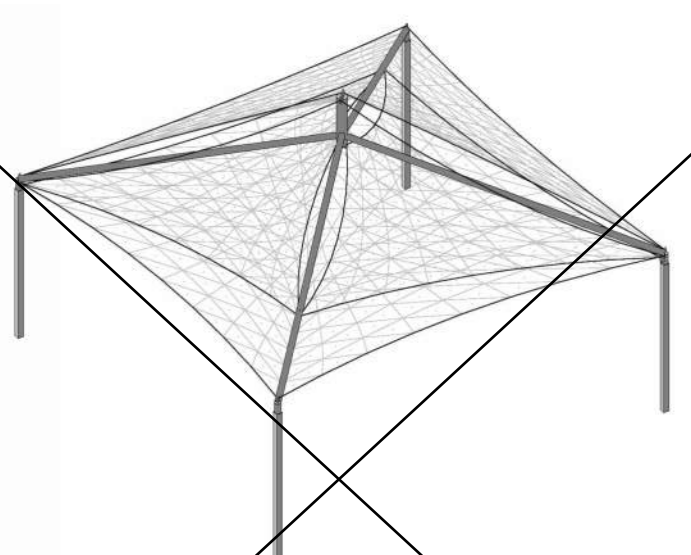
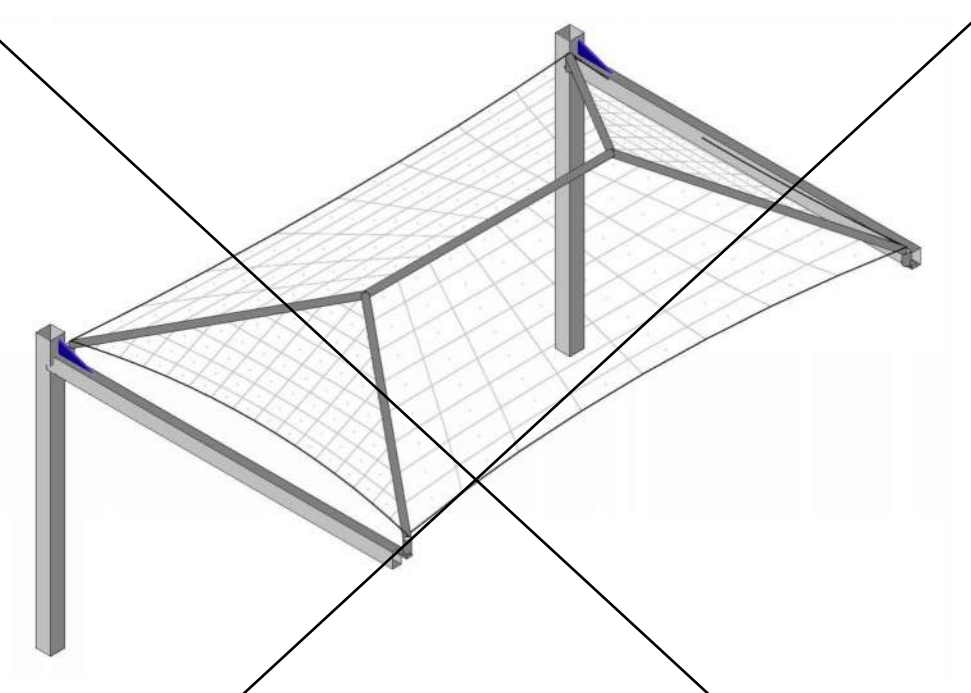
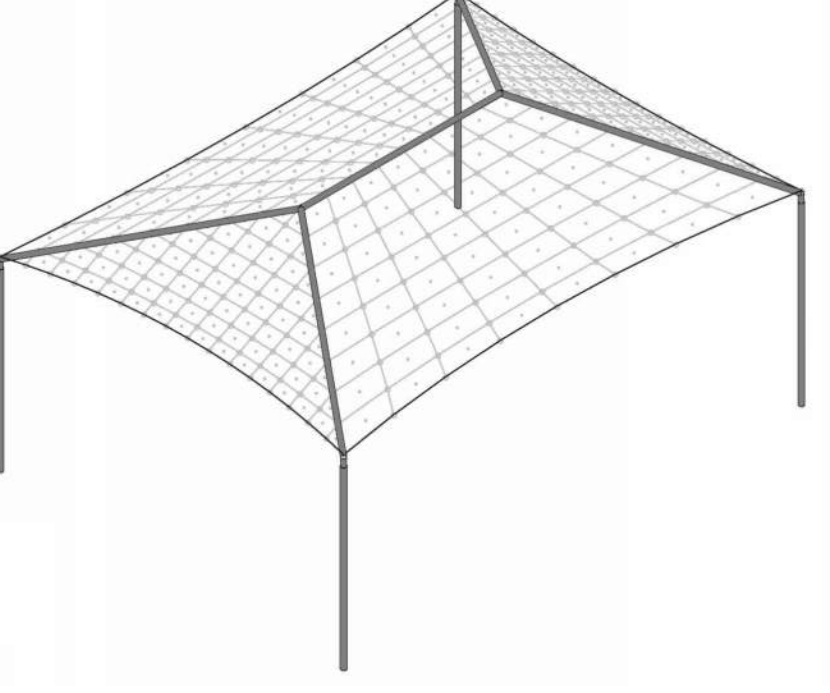

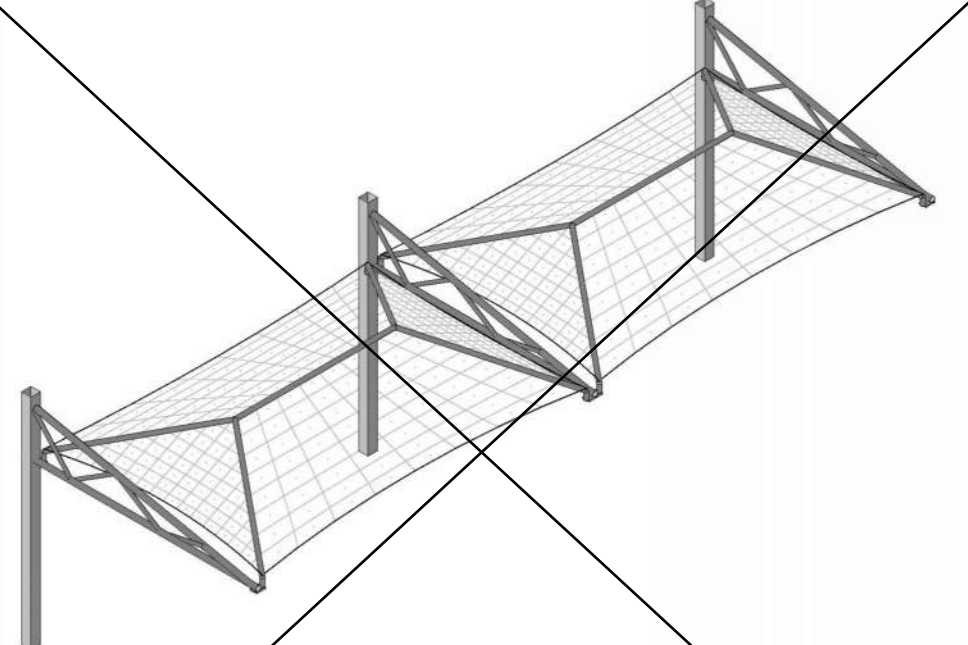
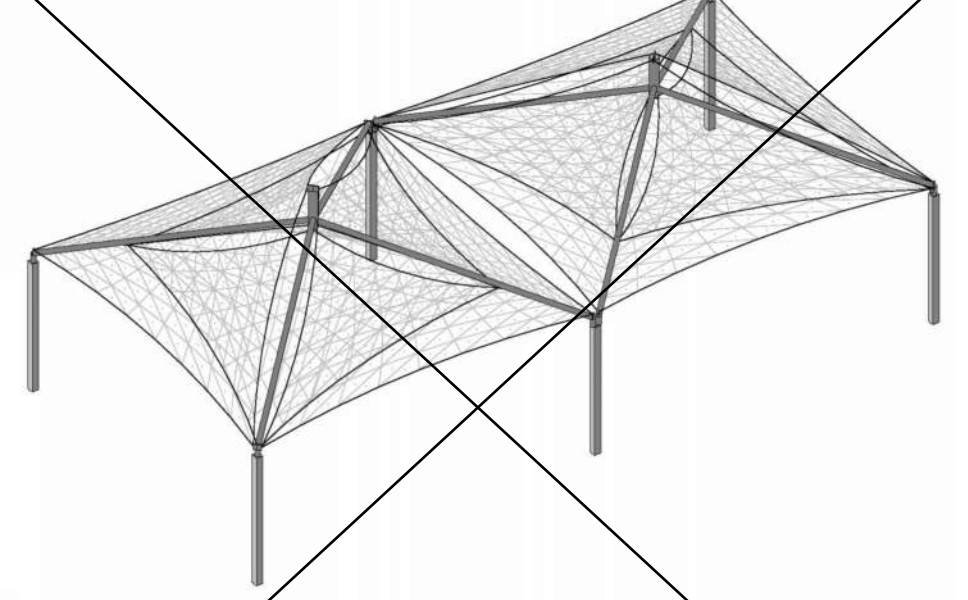
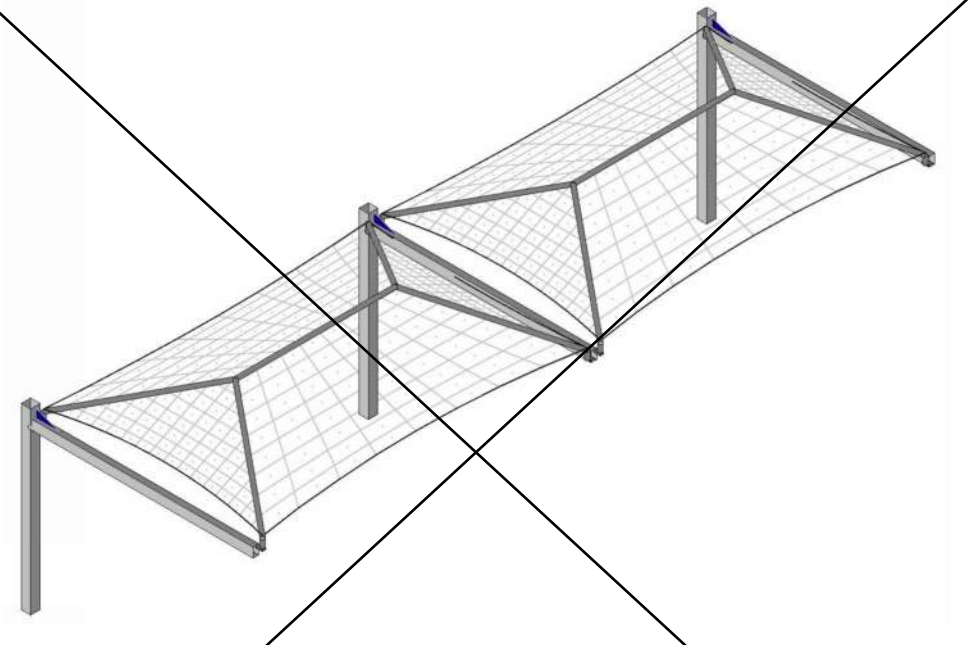
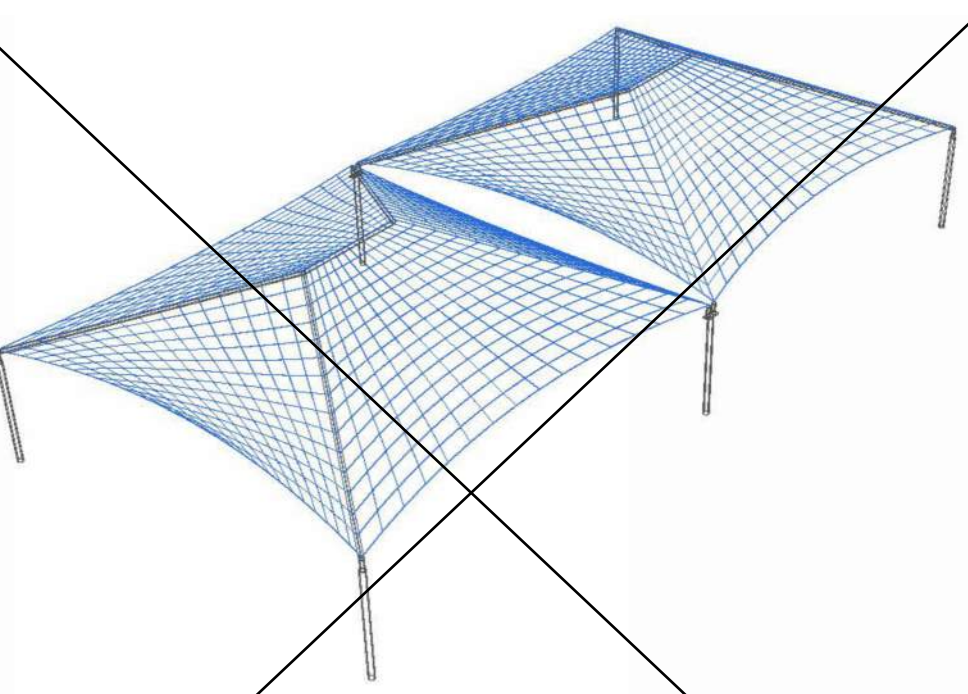
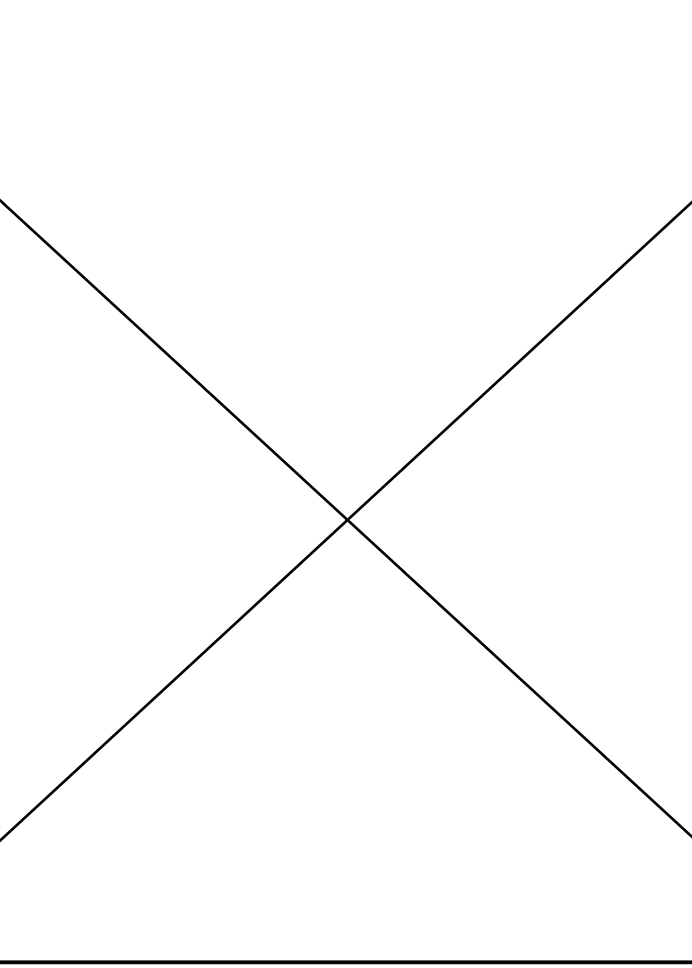
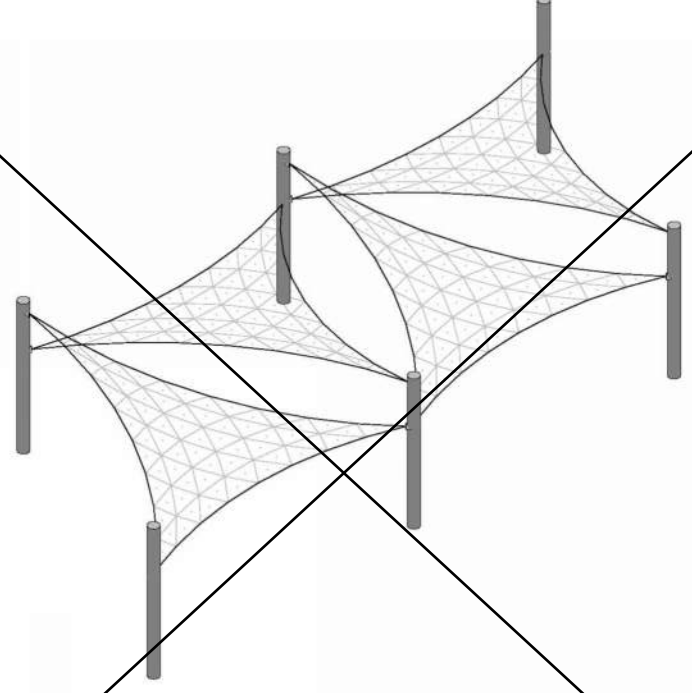
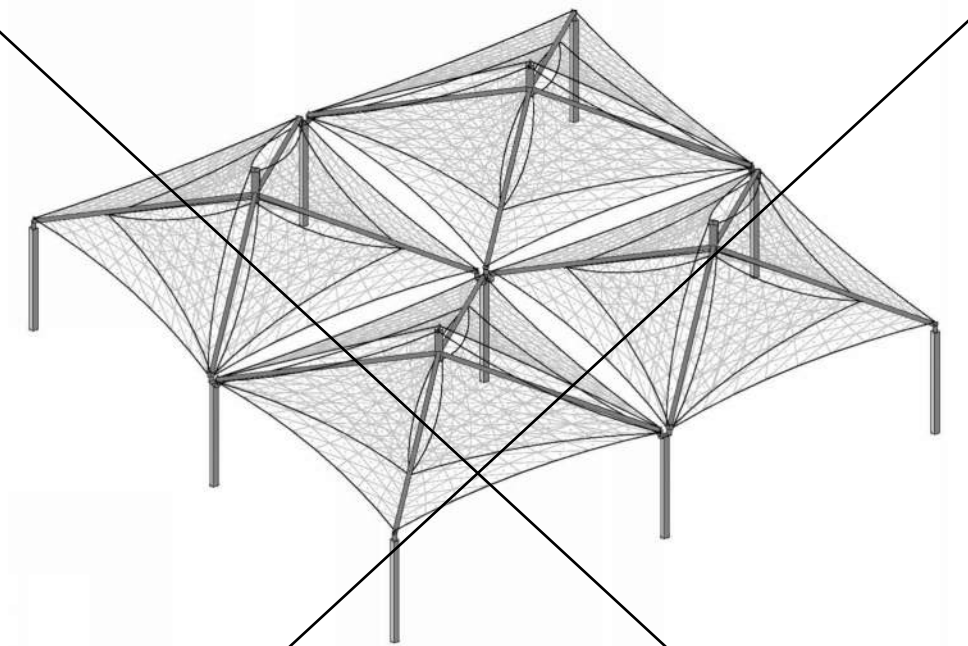
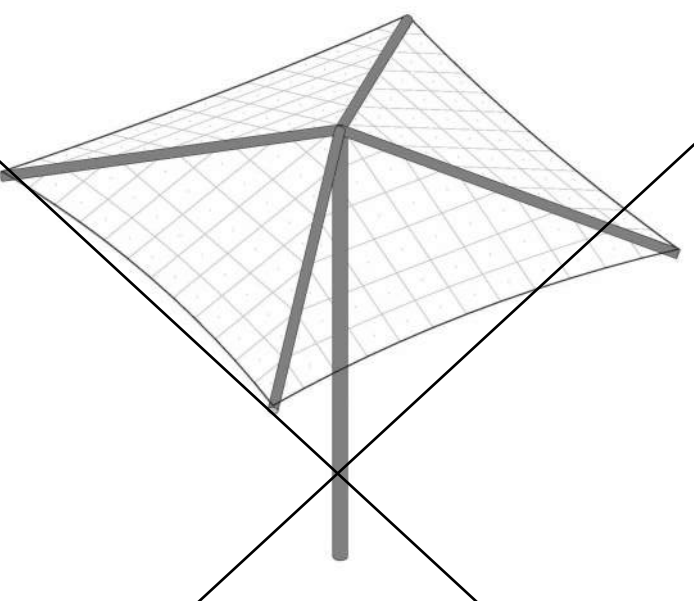
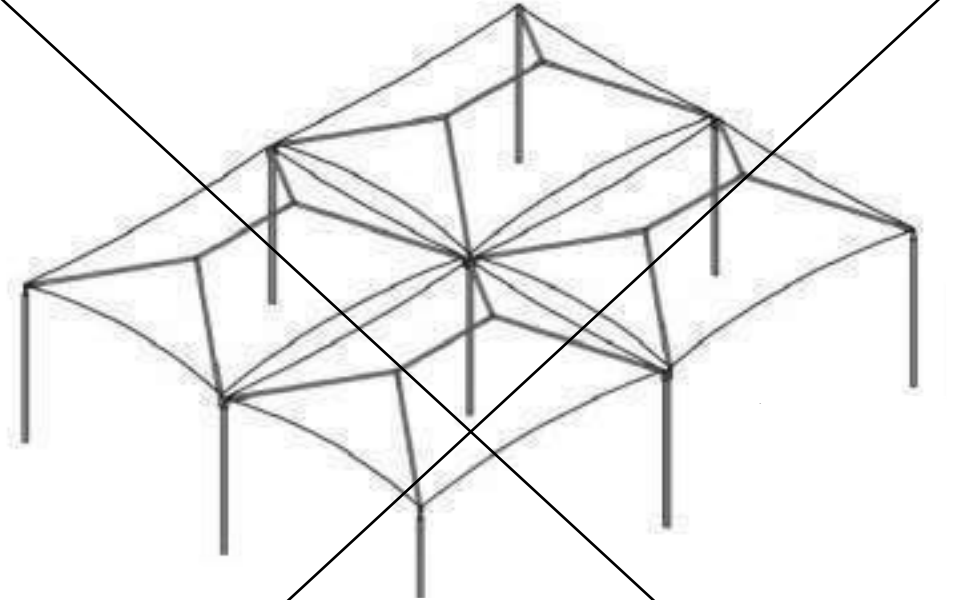
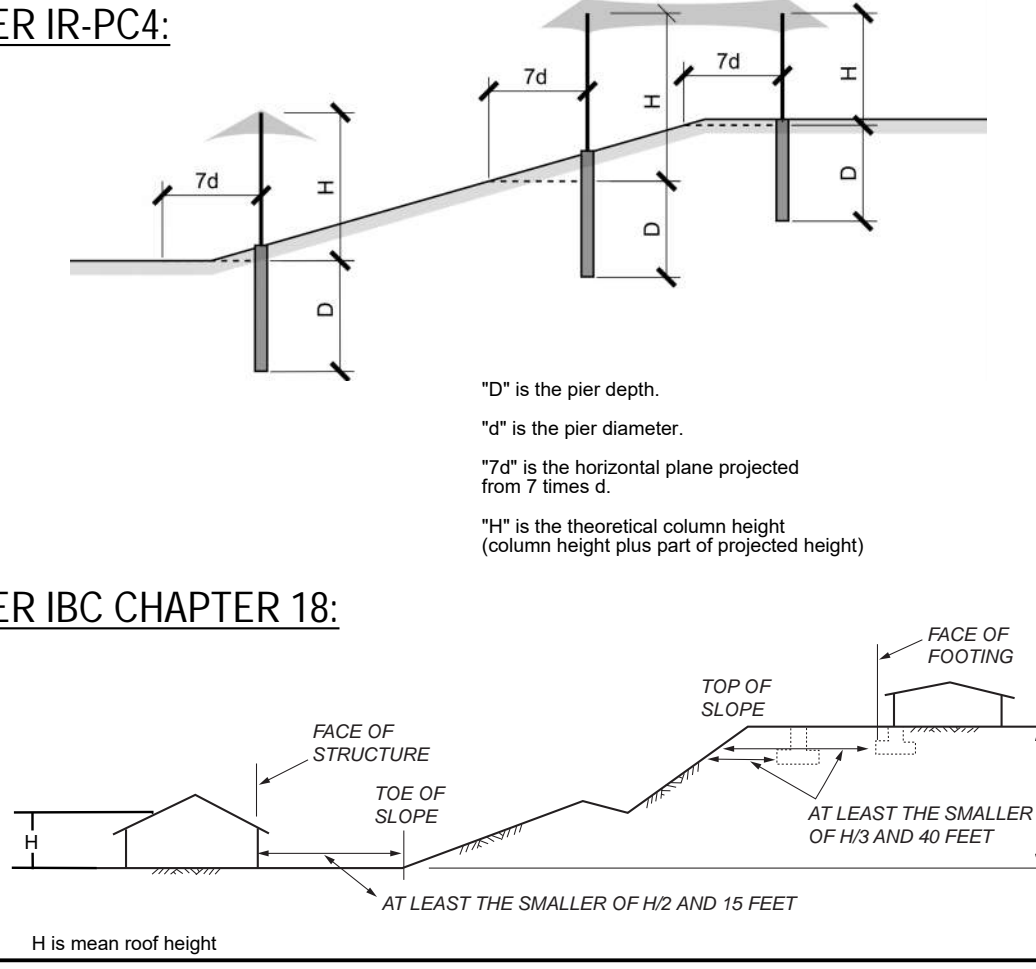
OCCUPANCY GROUP	OCCUPANT LOAD FACTOR	TOTAL OCCUPANT LOAD	SHADE STRUCTURE AREA (ft²)
A-3	15	60	980
A-3	15	80	900

	17.2-2000	REACTIONS	MARINER PEAK	30' x 30' x 15'	DSA4073030-22
	18.1-1000	PRODUCT INFORMATION	MARINER PEAK	30' x 40' x 18'	DSA4073040-22
	18.2-2000	REACTIONS	MARINER PEAK	30' x 40' x 18'	DSA4073040-22
	19.1-1000	PRODUCT INFORMATION	MARINER PEAK JOINED	30' x 133' x 15'	DSA407J3060-22
	19.2-2000	REACTIONS	MARINER PEAK JOINED	30' x 133' x 15'	DSA407J3060-22
	20.1-1000	PRODUCT INFORMATION	MARINER PEAK QUAD	60' x 60' x 15'	DSA407Q6060-22
	20.2-2000	REACTIONS	MARINER PEAK QUAD	60' x 60' x 15'	DSA407Q6060-22
	21.1-1000	PRODUCT INFORMATION	TRI TRUSS HIP SINGLE WIDE	20' x 30' x 15'	DSA2062030-22
	21.2-2000	REACTIONS	TRI TRUSS HIP SINGLE WIDE	20' x 30' x 15'	DSA2062030-22
	22.1-1000	PRODUCT INFORMATION	TRI TRUSS HIP JOINED	20' x 200' x 15'	DSA3052060-22
	22.2-2000	REACTIONS	TRI TRUSS HIP JOINED	20' x 200' x 15'	DSA3052060-22
	23.1-1000	PRODUCT INFORMATION	TENSION SAILS THREE POINT	30' x 133' x 15'	DSA30730-22
	23.2-2000	REACTIONS	TENSION SAILS THREE POINT	30' x 133' x 15'	DSA30730-22
	24.1-1000	PRODUCT INFORMATION	TENSIONS SAILS FOUR POINT	20' x 200' x 15'	DSA4182020-22
	24.2-2000	REACTIONS	TENSIONS SAILS FOUR POINT	20' x 200' x 15'	DSA4182020-22
XX	25.1-1000	PRODUCT INFORMATION	TENSIONS SAILS FOUR POINT	30' x 133' x 15'	DSA4183030-22
	25.2-2000	REACTIONS	TENSIONS SAILS FOUR POINT	30' x 133' x 15'	DSA4183030-22
	26.1-1000	PRODUCT INFORMATION	TRIANGLE	25' x 25' x 15'	DSA30125-22
	26.2-2000	REACTIONS	TRIANGLE	25' x 25' x 15'	DSA30125-22
	27.1-1000	PRODUCT INFORMATION	TRIANGLE	40' x 40' x 15'	DSA30140-22
	27.2-2000	REACTIONS	TRIANGLE	40' x 40' x 15'	DSA30140-22
	28.1-1000	PRODUCT INFORMATION	HEXAGON	Ø40' X 15'	DSA60340-22
	28.2-2000	REACTIONS	HEXAGON	Ø40' X 15'	DSA60340-22
	29.1-1000	PRODUCT INFORMATION	HEXAGON	Ø60' X 15'	DSA60360-22
	29.2-2000	REACTIONS	HEXAGON	Ø60' X 15'	DSA60360-22
TOTAL SHEET COUNT: 63 SHEETS					

REVIEWED FOR SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input type="checkbox"/> DATE: 12/11/2024		
STRUCTURE TYPE:		
SCALE : VARIES		
DRAWING SIZE: <div style="text-align: center; font-size: 2em; font-weight: bold;">D</div>		
PRE-CHECK (PC) DOCUMENT Code : 2022 CBC A separate project application for construction is required.		
Eng. By :	DWH	8/19/23
Design By :	DWH	8/19/23
Approved By :	DWH	8/19/23
DRAWING DESCRIPTION:		
<div style="font-size: 1.5em; font-weight: bold;">DWG.</div> <div style="font-size: 2.5em; font-weight: bold; margin-top: 10px;">TITLE SHEET</div>		
<div style="font-size: 1.5em; font-weight: bold;">SHEET</div> <div style="font-size: 2.5em; font-weight: bold; margin-top: 10px;">T-1.0</div>		
REV.		

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122439 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 05/22/2025

<p>THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN</p> <div><div>USA SHADE & Fabric Structures®</div></div> <p>CORPORATE HEADQUARTERS 2580 ESTERS BLVD. SUITE 100 DFW AIRPORT, TX, 75261 800-966-5005</p>	
<p>CERTIFICATIONS:</p> <p>IAS CERTIFICATION No: FA-428 CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355</p>	
<p>CUSTOMER:</p> <p>Santa Clara Office of Education</p> <p>PROJECT NAME: Gateway Center</p>	
<p>LOCATION:</p> <p>7151 Hanna Street Gilroy, Ca 95020</p>	
<p>MODEL NUMBER:</p>	

				
<div>STRUCTURE MODEL: DSA30125-22 MAX. SIZE: 25' x 25' x 15' MAX. AREA: 271 SQ. FT. MAX. OCCUPANCY: 16 PERSONS</div> <div>SEE SHEET 26.1-1000</div>	<div>STRUCTURE MODEL: DSA2062030-22 MAX. SIZE: 20' x 30' x 15' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</div> <div>SEE SHEET 21.1-1000</div>	<div>STRUCTURE MODEL: DSA4073030-22 MAX. SIZE: 30' x 30' x 15' MAX. AREA: 900 SQ. FT. MAX. OCCUPANCY: 60 PERSONS</div> <div>SEE SHEET 17.1-1000</div>	<div>STRUCTURE MODEL: DSA20202030-22 MAX. SIZE: 20' x 30' x 15' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</div> <div>SEE SHEET 11.1-1000</div>	<div>STRUCTURE MODEL: DSA4012030-22 MAX. SIZE: 20' x 30' x 15' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</div> <div>SEE SHEET 1.1-1000</div>
FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0
TRIANGLE	TRI-TRUSS HIP SINGLE WIDE	MARINER PEAK	FULL CANTILEVER HIP SINGLE	HIP
				
<div>STRUCTURE MODEL: DSA60340-22 MAX. SIZE: 6'40" x 15' MAX. AREA: 1,040 SQ. FT. MAX. OCCUPANCY: 69 PERSONS</div> <div>SEE SHEET 28.1-1000</div>	<div>STRUCTURE MODEL: DSA60360-22 MAX. SIZE: 6'00" x 15' MAX. AREA: 2,338 SQ. FT. MAX. OCCUPANCY: 156 PERSONS</div> <div>SEE SHEET 29.1-1000</div>	<div>STRUCTURE MODEL: DSA4073060-22 MAX. SIZE: 30' x 150' x 15' MAX. AREA: 3,990 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</div> <div>SEE SHEET 19.1-1000</div>	<div>STRUCTURE MODEL: DSA3022060-22 MAX. SIZE: 20' x 300' x 15' MAX. AREA: 4,500 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</div> <div>SEE SHEET 12.1-1000</div>	<div>STRUCTURE MODEL: DSA401J-22 MAX. SIZE: VARIES MAX. AREA: VARIES MAX. OCCUPANCY: VARIES</div> <div>SEE SHEET 9.1-1000</div>
FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0
HEXAGON	TRI-TRUSS HIP JOINED	MARINER PEAK JOINED	FULL CANTILEVER HIP JOINED	JOINED HIP
				
<div>STRUCTURE MODEL: DSA30730-22 MAX. SIZE: 30' x 133' x 15' MAX. AREA: 3,990 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</div> <div>SEE SHEET 23.1-1000</div>	<div>STRUCTURE MODEL: DSA40706060-22 MAX. SIZE: 60' x 60' x 10' MAX. AREA: 3,600 SQ. FT. MAX. OCCUPANCY: 240 PERSONS</div> <div>SEE SHEET 20.1-1000</div>	<div>STRUCTURE MODEL: DSA1031414-22 MAX. SIZE: 14' x 14' x 12' MAX. AREA: 196 SQ. FT. MAX. OCCUPANCY: 13 PERSONS</div> <div>SEE SHEET 13.1-1000</div>	<div>STRUCTURE MODEL: DSA1032020-22 MAX. SIZE: 20' x 20' x 12' MAX. AREA: 400 SQ. FT. MAX. OCCUPANCY: 26 PERSONS</div> <div>SEE SHEET 14.1-1000</div>	<div>STRUCTURE MODEL: DSA401Q-22 MAX. SIZE: VARIES MAX. AREA: VARIES MAX. OCCUPANCY: VARIES</div> <div>SEE SHEET 10.1-1000</div>
FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0
NOT USED	TENSIONS SAILS THREE-POINT	MARINER PEAK QUAD	SINGLE POST PYRAMID	QUAD HIP
<div>PER IBC CHAPTER 18: </div>	<div>STRUCTURE MODEL: DSA4182020-22 MAX. SIZE: 20' x 200' x 15' MAX. AREA: 4,000 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</div> <div>SEE SHEET 24.1-1000</div>	<div>STRUCTURE MODEL: DSA4183030-22 MAX. SIZE: 30' x 133' x 15' MAX. AREA: 3,990 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</div> <div>SEE SHEET 25.1-1000</div>	<div>STRUCTURE MODEL: DSA1241414-22 MAX. SIZE: 14' x 14' x 12' MAX. AREA: 196 SQ. FT. MAX. OCCUPANCY: 13 PERSONS</div> <div>SEE SHEET 15.1-1000</div>	<div>STRUCTURE MODEL: DSA1242020-22 MAX. SIZE: 20' x 20' x 12' MAX. AREA: 400 SQ. FT. MAX. OCCUPANCY: 26 PERSONS</div> <div>SEE SHEET 16.1-1000</div>
FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0
PC SLOPE DESIGN PARAMETERS	TENSIONS SAILS FOUR-POINT	NOT USED	SINGLE POST PYRAMID CANTILEVER	

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122439 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 05/22/2025

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CORPORATE HEADQUARTERS
2580 ESTERS BLVD, SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER
CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Santa Clara Office
of Education

PROJECT NAME:
Gateway Center

LOCATION:
7151 Hanna Street
Gilroy, Ca 95020

MODEL NUMBER:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-123501 PC
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒ CG ☐
DATE: 12/11/2024

STRUCTURE TYPE:

SCALE : VARIES

DRAWING SIZE:
D

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

Eng. By : DWH 8/19/23

Design By : DWH 8/19/23

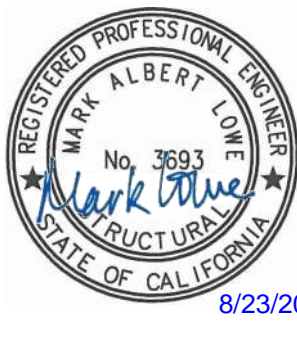
Approved By : DWH 8/19/23

DRAWING DESCRIPTION:

DWG.
UNIT SELECTION

SHEET
T-2.0

REV.



8/19/24

8/23/2024

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

General			
Application Number: 04-123501 DSA File Number: PC-140	School Name: PCF FABRIC SHADE STRUCTURES Increment Number:	School District: USA SHADE AND FABRIC STRUCTURES Date Created: 2024-08-06 15:16:59	

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, high-load 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	2. PERFORMED BY
1. TYPE	
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 (LEA) 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.

DIVISION OF THE STATE ARCHITECT
DGS DSA 103-22 (Revised 12/5/2023)

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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: 04-123501 DSA File Number: PC-140	School Name: PCF FABRIC SHADE STRUCTURES Increment Number:	School District: USA SHADE AND FABRIC STRUCTURES Date Created: 2024-08-06 15:16:59	

C1. CAST-IN-PLACE CONCRETE	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input checked="" type="checkbox"/> a. Verify use of required design mix.	Continuous	SI	Table 1705A.3 Item 5, 1910A.1.
<input checked="" type="checkbox"/> 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.)
<input checked="" type="checkbox"/> 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.
<input checked="" type="checkbox"/> d. Test concrete (f'c).	Test	LOR	1905A.1.17; ACI 318-19 Section 26.12.
<input checked="" type="checkbox"/> e. Batch plant inspection: Not Required	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 not required per 1705A.3.3.2. See IR 17-13. (See Appendix (end of this form) for exemptions.)
<input type="checkbox"/> f. Welding of reinforcing steel.	Provide special inspection per STEEL, Category S/A4(d) & (e) and/or S/A5(a) & (h) below.		

C2. PRESTRESSED / POST-TENSIONED CONCRETE (IN ADDITION TO SECTION C1):	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input type="checkbox"/> a. Sample and test prestressing tendons and anchorages.	Test	LOR	1705A.3.4, 1910A.3
<input type="checkbox"/> b. Inspect placement of prestressing tendons.	Periodic	SI	1705A.3.4, Table 1705A.3 Items 1 & 9.

DIVISION OF THE STATE ARCHITECT
DGS DSA 103-22 (Revised 12/5/2023)

DEPARTMENT OF GENERAL SERVICES
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STATE OF CALIFORNIA

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

Table 1705A.2.1, Table 1705A.2.1, AISI 309-16, AISI 341-16, AISI 358-16, AISI 360-16, AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8			
Application Number: 04-123501 DSA File Number: PC-140	School Name: PCF FABRIC SHADE STRUCTURES Increment Number:	School District: USA SHADE AND FABRIC STRUCTURES Date Created: 2024-08-06 15:16:59	

S/A3. WELDING:	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input checked="" type="checkbox"/> 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.
<input checked="" type="checkbox"/> b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	DSA IR 17-3.
<input checked="" type="checkbox"/> c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.

S/A4. SHOP WELDING (IN ADDITION TO SECTION S/A3):	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input checked="" type="checkbox"/> 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 5a.1.4; AISI 360-16 (and AISI 341-16 as applicable); DSA IR 17-3.
<input checked="" type="checkbox"/> 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; AISI 360-16 (and AISI 341-16 as applicable); DSA IR 17-3.
<input type="checkbox"/> c. Inspect welding of stairs and railing systems.	Periodic	SI	1705A.2.1, AISI 360-16 (and AISI 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3.
<input type="checkbox"/> 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.
<input checked="" type="checkbox"/> e. Inspect welding of reinforcing steel.	Continuous	SI	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 4, 1903A.8; AWS D1.4; DSA IR 17-3.

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DGS DSA 103-22 (Revised 12/5/2023)

DEPARTMENT OF GENERAL SERVICES
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STATE OF CALIFORNIA

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

Table 1705A.2.1, Table 1705A.2.1, AISI 309-16, AISI 341-16, AISI 358-16, AISI 360-16, AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8			
Application Number: 04-123501 DSA File Number: PC-140	School Name: PCF FABRIC SHADE STRUCTURES Increment Number:	School District: USA SHADE AND FABRIC STRUCTURES Date Created: 2024-08-06 15:16:59	

Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> c. Storage rack anchorage installation.	Periodic	SI	ANSI/MH16.1 Section 7.3.2; Table 1705A.13.7
<input checked="" type="checkbox"/> d. Completed storage rack system to indicate compliance with the approved construction documents.	Periodic	SI*	Table 1705A.13.7. *May be performed by the project inspector when specifically approved by DSA.

S/A11. Other Steel	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input type="checkbox"/> a.			

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DGS DSA 103-22 (Revised 12/5/2023)

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

Table 1705A.6, Table 1705A.7, Table 1705A.8			
Application Number: 04-123501 DSA File Number: PC-140	School Name: PCF FABRIC SHADE STRUCTURES Increment Number:	School District: USA SHADE AND FABRIC STRUCTURES Date Created: 2024-08-06 15:16:59	

Geotechnical Reports: Project does NOT have and does NOT require a geotechnical report

S1. GENERAL:	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input checked="" type="checkbox"/> a. Verify that: <ul style="list-style-type: none"> - 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 must not contain loose material, mud, organic soil, organic gases, or peat. 	See Notes	PI	Refer to specific items identified in the Appendix listing exemptions for limitations. Placement of controlled fill exceeding 12" depth under footings and/or within the building envelope is not permitted without a geotechnical report.

S2. SOIL COMPACTION AND FILL:	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input type="checkbox"/> a. Perform classification and testing of fill materials.	Test	LOR*	* Under the supervision of the geotechnical engineer.
<input type="checkbox"/> b. Verify use of proper materials, densities and inspect lift thickness, placement and compaction during placement of fill.	Continuous	LOR*	* Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.
<input type="checkbox"/> c. Compaction testing.	Test	LOR*	* Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.

S3. DRIVEN DEEP FOUNDATIONS (PILES):	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input type="checkbox"/> a. Verify pile materials, sizes and lengths comply with the requirements.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.

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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: 04-123501 DSA File Number: PC-140	School Name: PCF FABRIC SHADE STRUCTURES Increment Number:	School District: USA SHADE AND FABRIC STRUCTURES Date Created: 2024-08-06 15:16:59	

Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> c. Verify in-situ concrete strength prior to stressing of post-tensioning tendons.	Periodic	SI	Table 1705A.3 Item 13. Special inspector to verify specified concrete strength test prior to stressing.
<input type="checkbox"/> d. Inspect application of post-tensioning or prestressing forces and grouting of bonded prestressing tendons.	Continuous	SI	1705A.3.4, Table 1705A.3 Item 9; ACI 318-19 Section 26.13

C3. PRECAST CONCRETE (IN ADDITION TO SECTION C1):	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input type="checkbox"/> a. Inspect fabrication of precast concrete members.	Continuous	SI	ACI 318-19 Section 26.13, and PCI MNL-128 and -130.
<input type="checkbox"/> b. Inspect erection of precast concrete members.	Periodic	SI*	Table 1705A.3 Item 10. *May be performed by PI when specifically approved by DSA.
<input type="checkbox"/> c. For precast concrete diaphragm connections or reinforcement at joints classified as moderate or high deformability elements (MDE or HDE) in structures assigned to Seismic Design Category D, E or F, inspect such connections and reinforcement in the field for: <ol style="list-style-type: none"> 1. Installation of the embedded parts 2. Completion of the continuity of reinforcement across joints. 3. Completion of connections in the field. 	Continuous	SI	Table 1705A.3, ACI 318-19 Section 26.13.1.3; ACI 550.5
<input type="checkbox"/> d. Inspect installation tolerances of precast concrete diaphragm connections for compliance with ACI 550.5.	Periodic	SI	Table 1705A.3, ACI 318-19 Section 26.13.1.3; ACI 550.5

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

Table 1705A.2.1, Table 1705A.2.1, AISI 309-16, AISI 341-16, AISI 358-16, AISI 360-16, AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8			
Application Number: 04-123501 DSA File Number: PC-140	School Name: PCF FABRIC SHADE STRUCTURES Increment Number:	School District: USA SHADE AND FABRIC STRUCTURES Date Created: 2024-08-06 15:16:59	

Test or Special Inspection	Type	Performed By	Code References and Notes
S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A3):	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input type="checkbox"/> 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 5a.1.4; AISI 360-16 (and AISI 341-16 as applicable); DSA IR 17-3.
<input type="checkbox"/> b. Inspect single-pass fillet welds < 5/16".	Periodic	SI	Table 1705A.2.1 Item 5a.5; AISI 360-16 (and AISI 341-16 as applicable); DSA IR 17-3.
<input type="checkbox"/> c. Inspect end-welded shells (ASTM A-108) installation (including bond test).	Periodic	SI	2213A.2; AISI 360-16 (and AISI 341-16 as applicable); AWS D1.1; DSA IR 17-3.
<input type="checkbox"/> d. Inspect floor and roof deck welds.	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.6; AISI 360-16 (and AISI 341-16 as applicable); AWS D1.3; DSA IR 17-3.
<input type="checkbox"/> e. Inspect welding of structural cold-formed steel.	Periodic	SI*	1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI S240-20 Chapter D shall also apply. *May be performed by the project inspector when specifically approved by DSA.
<input type="checkbox"/> f. Inspect welding of stairs and railing systems.	Periodic	SI*	1705A.2.1; AISI 360-16 (and AISI 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. *May be performed by the project inspector when specifically approved by DSA.
<input type="checkbox"/> g. Verification of reinforcing steel weldability.	Periodic	SI	1705A.3.1; AWS D1.1; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
<input type="checkbox"/> h. 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.

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GENERAL DSA-103 NOTES:

1. THE SAMPLE DSA-103 FORM PROVIDED ON THIS SHEET IS FOR ILLUSTRATIVE PURPOSES ONLY TO ASSIST IN THE COMPLETION OF SPECIFIC DSA-103 FORMS FOR FUTURE PROJECTS.
2. A CURRENT DSA-103 FORM IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS P.C. DOCUMENT IS BEING INCORPORATED INTO AND ALL SAMPLE DSA-103 SHEETS ARE TO BE CROSSED OUT ON THIS SHEET

TESTING AND INSPECTION NOTES:

1. THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE SELECTED BY THE SCHOOL DISTRICT AND APPROVED BY DSA AND THE ARCHITECT OF RECORD.
2. THE SITE PROJECT INSPECTOR SHALL BE CLASS 2. IF THE TOTAL AREA OF THE SHADE STRUCTURE(S) IS LESS THAN 2,000 SQ. FT. WITH NO FIELD WELDING OR HIGH-STRENGTH FASTENERS THEN THE SITE PROJECT INSPECTOR MAY BE A CLASS 3.
3. THE COSTS OF THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE BORN BY THE SCHOOL DISTRICT. COPIES OF THE VERIFIED REPORTS SHALL BE SENT TO DSA, THE ARCHITECT, THE SCHOOL DISTRICT, THE CONTRACTOR, AND THE PROJECT INSPECTOR.
5. THE IN-PLANT INSPECTOR SHALL BE A WELDING SPECIAL INSPECTOR FOR MATERIAL VERIFICATION AND WELDING.
6. PER 2022 CBC, SECTION 1705A.3.3, BATCH PLANT INSPECTION MAY BE WAIVED WHEN THE FOLLOWING REQUIREMENTS ARE MET:
 - 6.1. A LICENSED WEIGHMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET.
 - 6.2. BATCH TICKETS, INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD, SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY THE TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR OF RECORD SHALL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK, ITS LOAD, TIME OF RECEIPT AT THE JOBSITE, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND SHALL MAINTAIN A COPY OF THE DAILY RECORD AS REQUIRED BY THE ENFORCING AGENCY.
7. INCLUDE SECTION S2 - SOIL COMPACTION AND FILL WHEN OVER-EX AND RE-COMPACTING OCCURS.
8. S4- CAST-IN-PLACE DEEP FOUNDATIONS (PIERS) NOT REQUIRED IF SPREAD FOOTING OPTION IS CHOSEN.
9. S/A9 - ANCHOR BOLT AND ANCHOR ROD NOT REQUIRED IF EMBEDDED BASE PLATE OPTION IS CHOSEN.

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

Table 1705A.6, Table 1705A.7, Table 1705A.8			
Application Number: 04-123501 DSA File Number: PC-140	School Name: PCF FABRIC SHADE STRUCTURES Increment Number:	School District: USA SHADE AND FABRIC STRUCTURES Date Created: 2024-08-06 15:16:59	

Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> b. Determine capacities of test piles and conduct additional load tests as required.	Test	LOR*	* Under the supervision of the geotechnical engineer.
<input type="checkbox"/> c. Inspect driving operations and maintain complete and accurate records for each pile.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
<input type="checkbox"/> d. Verify locations of piles and their plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and ball elevations and record any pile damage.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
<input type="checkbox"/> e. Steel piles.	Provide tests and inspections per STEEL section below.		
<input type="checkbox"/> f. Concrete piles and concrete filled piles.	Provide tests and inspections per CONCRETE section below.		
<input type="checkbox"/> g. For specialty piles, perform additional inspections as determined by the registered design professional in responsible charge.	*	*	* As defined on drawings or specifications.

S4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input checked="" type="checkbox"/> a. Inspect drilling operations and maintain complete and accurate records for each pier.	Continuous	PI	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
<input checked="" type="checkbox"/> b. Verify pier locations, diameters, plumbness and lengths/Record concrete or grout volumes.	Continuous	PI	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
<input checked="" type="checkbox"/> c. Concrete piers.	Provide tests and inspections per CONCRETE section below.		

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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: 04-123501 DSA File Number: PC-140	School Name: PCF FABRIC SHADE STRUCTURES Increment Number:	School District: USA SHADE AND FABRIC STRUCTURES Date Created: 2024-08-06 15:16:59	

C4. SHOTCRETE (IN ADDITION TO SECTION C1):	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input type="checkbox"/> a. Inspect shotcrete placement for proper application techniques.	Continuous	SI	1705A.2.9, Table 1705A.3 Item 7, 1908A.1, 1908A.2, 1908A.3. See ACI 508-2.13 Section 3.4; ACI 508R-16.
<input type="checkbox"/> b. Sample and test shotcrete (f'c).	Test	LOR	1908A.2, 1705A.3.9

C5. POST-INSTALLED ANCHORS:	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input type="checkbox"/> a. Inspect installation of post-installed anchors.	See Notes	SI*	1617A.1.19, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic), 1705A.3.8 (See Appendix (end of this form) for exemptions); ACI 318-19 Section 26.13. *May be performed by the project inspector when specifically approved by DSA.
<input type="checkbox"/> b. Test post-installed anchors.	Test	LOR	1910A.5. (See Appendix (end of this form) for exemptions.)

C6. OTHER CONCRETE:	Type	Performed By	Code References and Notes
Test or Special Inspection			
<input type="checkbox"/>			

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

Table 1705A.2.1, Table 1705A.2.1, AISI 309-16, AISI 341-16, AISI 358-16, AISI 360-16, AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8			
Application Number: 04-123501 DSA File Number: PC-140	School Name: PCF FABRIC SHADE STRUCTURES Increment Number:	School District: USA SHADE AND FABRIC STRUCTURES Date Created: 2024-08-06 15:16:59	

Test or Special Inspection	Type	Performed By	Code References and Notes
S/A6. NONDESTRUCTIVE TESTING:			
Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> a. Ultrasonic	Test	LOR	1705A.2, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR-7.2
<input type="checkbox"/> b. Magnetic Particle	Test	LOR	1705A.2, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR-7.2
<input type="checkbox"/> c.	Test	LOR	

GENERAL NOTES

1.- SPECIAL INSPECTION REQUIREMENTS SHALL FOLLOW THE ATTACHED SAMPLE TEST AND INSPECTION LIST (T & I LIST) APPROVED BY DSA. THE SHOP WELDING INSPECTION SHALL INCLUDE WELDING OF ALL STEEL MEMBERS AND IDENTIFICATION OF STEEL THROUGH MILL CERTIFICATE OR MATERIAL TESTING. UNCERTIFIED STEEL SHALL BE TESTED TO THE REQUIREMENTS OF CBC 2022 CHAPTER 17A. THE FIELD SPECIAL INSPECTION SHALL INCLUDE COMPRESSION CYLINDER TESTS FOR THE CONCRETE FOUNDATION.

2.- STRUCTURE SHALL BE IN THE LOCATION SHOWN ON THE SITE SPECIFIC DSA APPLICATION DRAWING.

3.- FOUNDATION DESIGN BASED ON CBC 2022, TABLE 1806A.2, SOIL CLASS 5 (ALLOWABLE FOUNDATION PRESSURE 1500 PSF)

4.- DESIGN PER FOLLOWING CODES: CBC 2022(CHAPTER 35), ASCE 7-16, AISC 360-16, AISC 341-16, ACI 318-19, ASCE 55-16 & ASCE 19-16

STRUCTURAL STEEL

1.- FABRICATION OF THE STEEL STRUCTURES SHALL BE PERFORMED BY SHADE STRUCTURES OR AN AUTHORIZED LICENSEE. MATERIAL TESTING (OR MILL CERTIFICATES) AND INSPECTION OF WELDING SHALL BE CONDUCTED PER CBC 2022 SECTIONS 1704A, 1705A, 1705A.2, AND TABLE 1705A.2.1.

2.- ONLY CALIFORNIA LICENSED CONTRACTORS AUTHORIZED BY SHADE STRUCTURES SHALL INSTALL THE SHADE STRUCTURES.

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

4.- ALL GALVANIZED STEEL TUBE PRODUCTS MANUFACTURED BY ALLIED TUBE & CONDUIT FOR THIS STRUCTURE SHALL BE, AND CONFORM TO ASTM A500 GRADE C, IN ITS ENTIRETY. TYPICAL MECHANICAL PROPERTIES ARE:
ROUND TUBE GRADE C 50,000 PSI YIELD STRESS MINIMUM / 62,000 PSI TENSILE STRESS MINIMUM

5.- ALL STRUCTURAL SHAPES SHALL BE COLD FORMED HSS ASTM A500 GRADE C, UNLESS OTHERWISE NOTED. TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR HSS PRODUCTS:
SQUARE AND RECTANGULAR 50,000 PSI YIELD STRESS / 62,000 PSI TENSILE STRESS
ROUND PIPE 50,000 PSI YIELD STRESS / 62,000 PSI TENSILE STRESS

6.- ALL PLATES PRODUCTS SHALL COMPLY WITH ASTM A572 GRADE 50.

7.- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.

8.- ALL WELDING TO CONFORM WITH AMERICAN WELDING SOCIETY STANDARDS AND SHALL BE INSPECTED BY AN AWS/CWI INSPECTOR. AWS D1.1 FOR HOT ROLLED. AWS D1.3 FOR SHEET/COLD FORMED. AWS D1.8 SEISMIC SUPPLEMENT.

9.- ALL FULL PENETRATION WELD SHALL BE CONTINUOUSLY INSPECTED PER AWS D1.1 & D1.8.

10.- SHOP CONNECTIONS SHALL BE WELDED UNLESS NOTED OTHERWISE. ALL FILLET WELDS SHALL BE A MINIMUM OF 3/16" E70T5X ELECTRODES UNLESS OTHERWISE NOTED. GMAW IS ACCEPTABLE.

11.- ALL STAINLESS STEEL BOLTS SHALL COMPLY WITH ASTM F-593, YIELD STRENGTH= 65 KSI, TENSILE STRENGTH=100 KSI MINIMUM, ALLOY GROUP 2, CONDITION CW1. ALL NUTS SHALL COMPLY WITH ASTM F-594 ALLOY GROUP 2, CONDITION CW1. REFERRING TO RCSC, ASTM F-593 IS NOT CONSIDERED AS HIGH STRENGTH BOLTS. BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION (ST).

12.- ALL STRUCTURAL STEEL (ITEMS FROM NOTE 5) SHALL BE POWDER COATED WITH ONE SHOP COAT (2.5 MILS MIN.) OF ZINC-RICH PRIMER, UNDERCOAT, AND FINISH COAT, OR EQUIVALENT PAINT SYSTEM. THIS COAT IS A WEATHER RESISTANT POWDER COATING BASED ON POLYESTER TGIC (MANUFACTURED BY SHERWIN WILLIAMS, ASKO NOBEL, PPG OR TIGER DRYLAC), TO ACHIEVE OPTIMUM ADHESION, IT IS RECOMMENDED THAT THE PROPER TREATMENT AND DRYING TAKE PLACE BEFORE COATING. POLYESTER POWDER (TGIC) SPECIFICATIONS SHALL BE AS FOLLOWS:
- PENCIL HARDNESS (ASTM D-3363). - HUMIDITY (ASTM D-2247).
- SOLVENT RESISTANCE (PCI METHOD) - 50 DBL RUBS SL. SOFTNESS.

13.- ALL STEEL ROUND TUBING (ITEMS FROM NOTE 4) SHALL BE TRIPLE COATED FOR RUST PROTECTION USING THE IN-LINE ELECTROPLATING COAT PROCESS. TUBING SHALL BE INTERNALLY COATED WITH ZINC AND ORGANIC COATINGS TO PREVENT CORROSION AS MANUFACTURED BY ALLIED TUBE & CONDUIT.

14.- ALL EXPOSED STEEL FASTENERS SHALL BE STAINLESS STEEL (TYPE 304 MINIMUM), HOT DIP GALVANIZED (ASTM A153, CLASS D MINIMUM OR ASTM F2329) AS APPLICABLE, OR PROTECTED WITH CORROSION PREVENTIVE COATING THAT DEMONSTRATED NO MORE THAN 2% OF RED RUST IN MINIMUM 1,000 HOURS OF EXPOSURE IN SALT SPRAY TEST PER ASTM B117. ZINC-PLATED FASTENERS DO NOT COMPLY WITH THIS REQUIREMENT.

CONCRETE SPECIFICATION

1.- CONCRETE SHALL BE SAMPLED AND TESTED PER CBC 2022 SECTION 1903A & SHALL BE INSPECTED PER SECTION 1903A.

2.- CONCRETE TO BE F_{cr}= 4500 PSI, TYPE V CEMENT PLUS POZZOLAN OR SLAG CEMENT. MAXIMUM WATER/CEMENT RATIO OF 0.45, PER ACI 318-19 CHAPTER 19. (NO ADMIXTURES CONTAINING ALUM CHLORIDE WILL BE USED.) REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60 AND TO BE F_y= 60000 PSI, MIN. GR. 60.

3.- ALL ANCHOR BOLTS SET IN NEW CONCRETE (WHEN APPLICABLE) SHALL COMPLY WITH ASTM F-1554 GRADE 36 (GALVANIZED PER ASTM A153, CLASS D MINIMUM OR ASTM F2329). ANCHOR BOLTS DIAMETER NEEDS TO BE AS FOLLOWS:
A) ANCHOR BOLT Ø1 1/4"

4.- CERTIFIED MILL TEST REPORTS ARE TO BE PROVIDED FOR EACH SHIPMENT OF REINFORCEMENT.

5.- ALL NON-SHRINK GROUT SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF 5000 PSI, AND SHALL COMPLY THE REQUIREMENTS OF ASTM C109, ASTM C939, ASTM C1090, ASTM C1107, WHEN APPLICABLE.

6.- CONCRETE EXPOSED TO FREEZING-AND-THAWING CYCLES SHALL BE AIR ENTRAINED PER ACI 318 SECTION 19.3.3.

FABRIC SPECIFICATION

1.- FABRIC SHALL BE MANUFACTURED BY MULTIKNIT LTD., WHICH MEETS THE SPECIFICATIONS LISTED ON PAGE 2000, AND SHALL BE FABRICATED FROM POLYETHYLENE MATERIALS. MINIMUM SEAM LENGTH 3/4".

2.- THE FABRIC SHALL RETAIN 80% OF ITS TENSILE AND TEARING STRENGTH AFTER ULTRAVIOLET EXPOSURE PER ASTM G53 USING A 313 NM LIGHT SOURCE FOR 500 HOURS WHILE MOISTENED FOR 1 HOUR EVERY 12 HOURS.

3.- PROVIDE CERTIFICATION BY MANUFACTURER AND STATE FIRE MARSHAL TO SCHOOL'S DISTRICT INSPECTOR OF RECORD AT SITE SPECIFIC INSTALLATION. COPY OF FIRE CERTIFICATION SHALL BE SENT TO DSA.

4.- FABRIC SHALL REQUIRE ANNUAL INSPECTION AND MAINTENANCE BY THE DISTRICT. FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 84 EXTENDED 30 MINUTES TEST. FLAME SPREAD INDEX (FSI): 10. SMOKE DEVELOPED INDEX (SDI): 50. FABRIC IS ACCEPTABLE FOR USE IN WILDLIFE URBAN INTERFACE AREA.

5.- FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF ARE ANTICIPATED, FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 115 MPH ARE ANTICIPATED.

6.- A VISUAL INSPECTION LOOKING FOR TEAR AND ABNORMAL WEAR IN FABRIC MATERIAL AND THREAD IS REQUIRED PRIOR TO RE-INSTALLATION. USA SHADE & FABRIC STRUCTURES SHALL BE NOTIFIED IF SIGNIFICANT DAMAGE IS PRESENT BEFORE RE-INSTALLATION.

AIRCRAFT CABLE

1.- FOR FABRIC ATTACHMENT USE 3/8" 7x19 GALV. CABLE PER ASTM A1023/A1023M, WITH A BREAKING STRENGTH VALUE OF 14,400 LBS. CABLE SHALL BE TENSIONED TO 300 LBS MINIMUM AND 500 LBS MAXIMUM. THE MAXIMUM CALCULATED CABLE ALLOWABLE CAPACITY IS S_a=4909 LB.

2.- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TANT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTING VISITS AS REQUIRED.

CBC PC DESIGN NOTES

BUILDING CODE
FLOOR LIVE LOAD
ROOF LIVE LOAD
N/A
5 PSF

ALLOWABLE SOIL PRESSURE:
DL + LL (CONC FTG) 1500 PSF
DL + LL + SEISMIC (CONC FTG) 1500 PSF
LATERAL BEARING DESIGN VALUE 100 PSF/FT BELOW NATURAL GRADE, PER TABLE 1806A.2

TWO TIMES THE TABULAR VALUE IS USED (200 PSF/FT)
PER CBC SECTION 1806A.3.4
ALLOWABLE PIER FRICTIONAL RESISTANCE 250 PSF MAXIMUM
BASED ON SECTION 1810A.3.3.1.4 (ONE-SIXTH OF THE BEARING VALUE).
UPLIFT FRICTIONAL RESISTANCE HAVE A SAFETY FACTOR OF 3.

ROOF SNOW LOAD 5 PSF
ICE LOAD ZERO PSF
FLOOD HAZARD AREA ZONE X

WHEN A SITE SPECIFIC PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A LETTER STAMPED AND SIGNED FROM A SOILS ENGINEER IS NEEDED TO VALIDATE THE ALLOWABLE SOIL VALUES SPECIFIED IN THE PC ARE STILL APPLICABLE.

WIND DESIGN DIRECTIONAL PROCEDURE: ASCE 7-16, SECTION 27.3.2
NOTE: WIND DESIGN IS LIMITED TO UNOBSTRUCTED CLEAR FLOW CONDITION
-BASIC DESIGN WIND SPEED (3 SEC GUST) 115 MPH
-ASD WIND LOAD (CBC 2022 SEC. 1603A.1.4) V_{ASD} 90 MPH
-WIND EXPOSURE FACTOR C Kzt 1
-TOPOGRAPHIC FACTOR Kz II 0.85
-RISK CATEGORY Kz 24.46 PSF
-VELOCITY PRESSURE EXPOSURE COEFFICIENT qz

SEISMIC DESIGN:
-SITE CLASS D
NOTE: UNLESS A SITE-SPECIFIC GROUND MOTION HAZARD ANALYSIS IS PERFORMED, THE SMI VALUE INCREASED BY 50% SHALL BE LESS THAN THE DESIGN CRITERIA STATED HEREIN.

-SPECTRAL RESPONSE COEFFICIENTS
SS 3.00g
S1 1.389g
SDS 2.00
SD 1.39

-LATERAL FORCE RESISTING SYSTEM G.2 ORDINARY CANTILEVERED COLUMN SYSTEM.

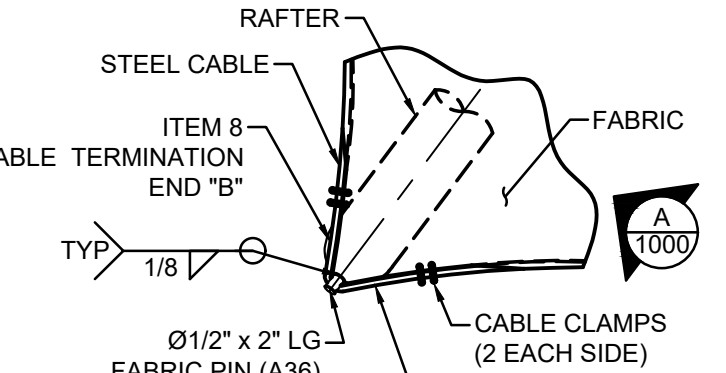
-SEISMIC IMPORTANCE FACTOR I_e 1.0
-DESIGN BASE SHEAR AT BASE V 3072 LB
-SEISMIC RESPONSE COEFFICIENTS R 1.6
-RESPONSE MODIFICATION FACTOR R 1.25
-ANALYSIS PROCEDURE II
-RISK CATEGORY Fa E
-SEISMIC DESIGN CATEGORY Fv 1.5
-SITE COEFFICIENT CATEGORY ρ 1.3

GEOHAZARD REPORT IS NOT REQUIRED FOR OPEN FABRIC STRUCTURES 1,600 SQ. FT. OR LESS COMPLYING WITH THE REQUIREMENTS OF IR A-4 SECTION 3.1.1. OPEN FABRIC SHADE STRUCTURES GREATER THAN 1,600 SQUARE FEET UP TO A MAXIMUM OF 4,000 SQUARE FEET 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.

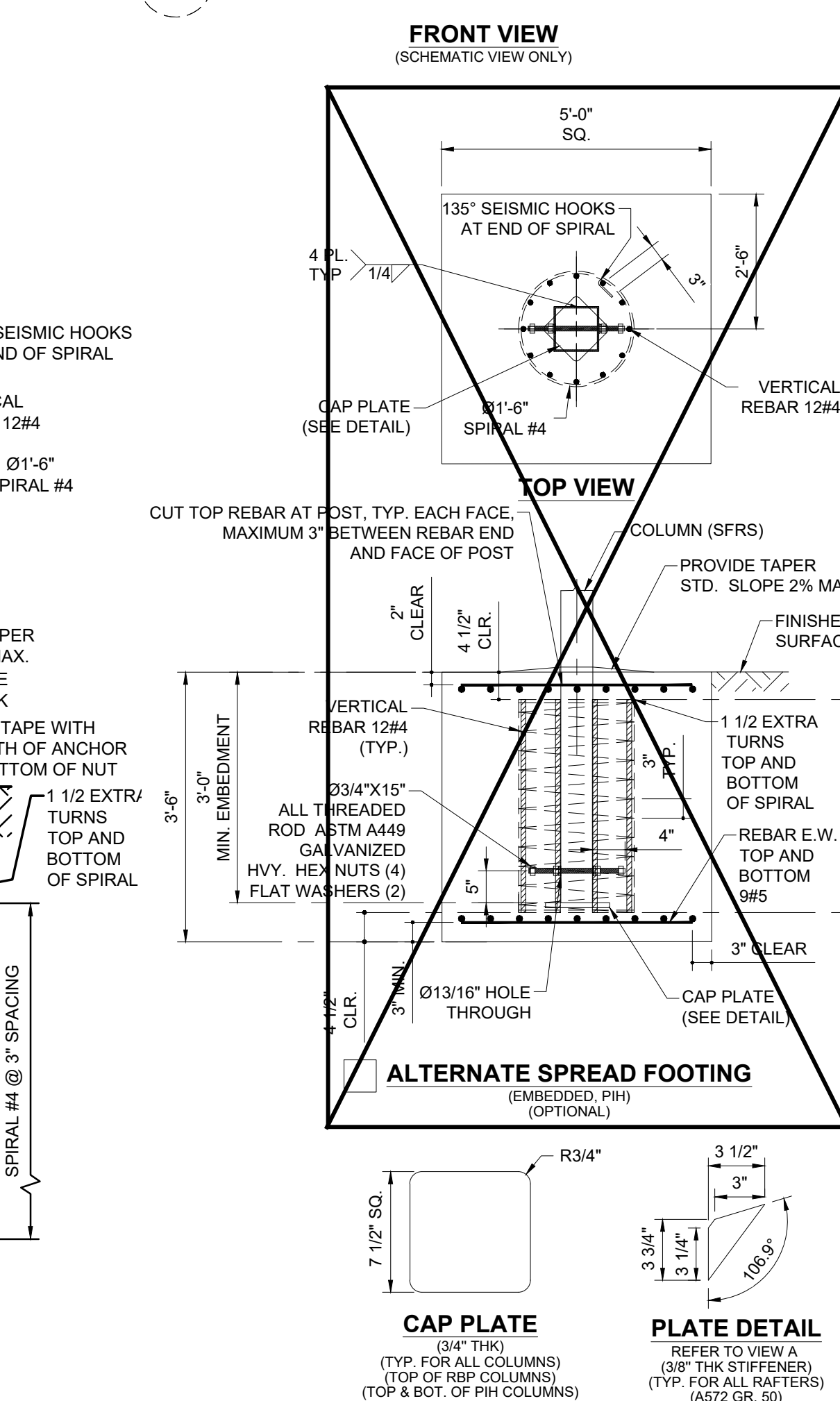
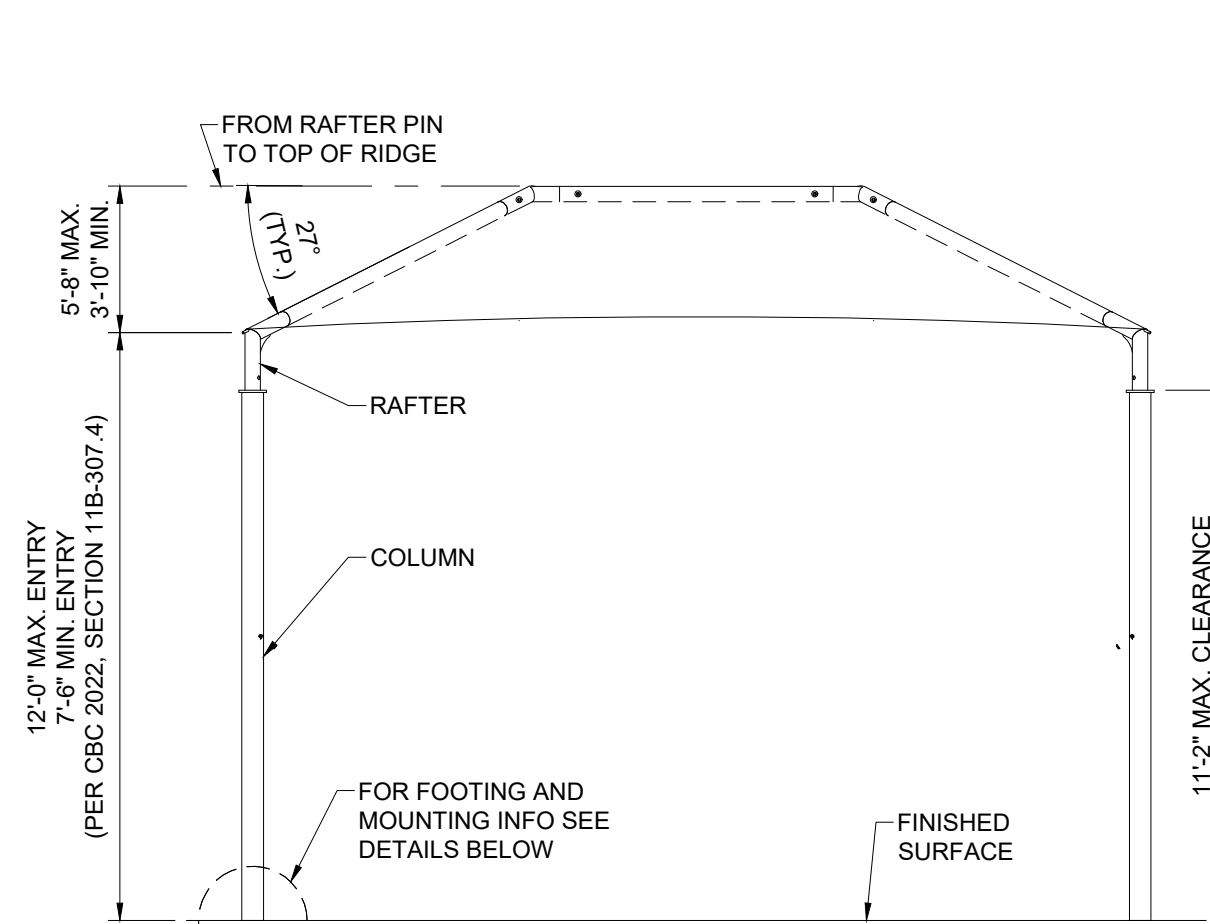
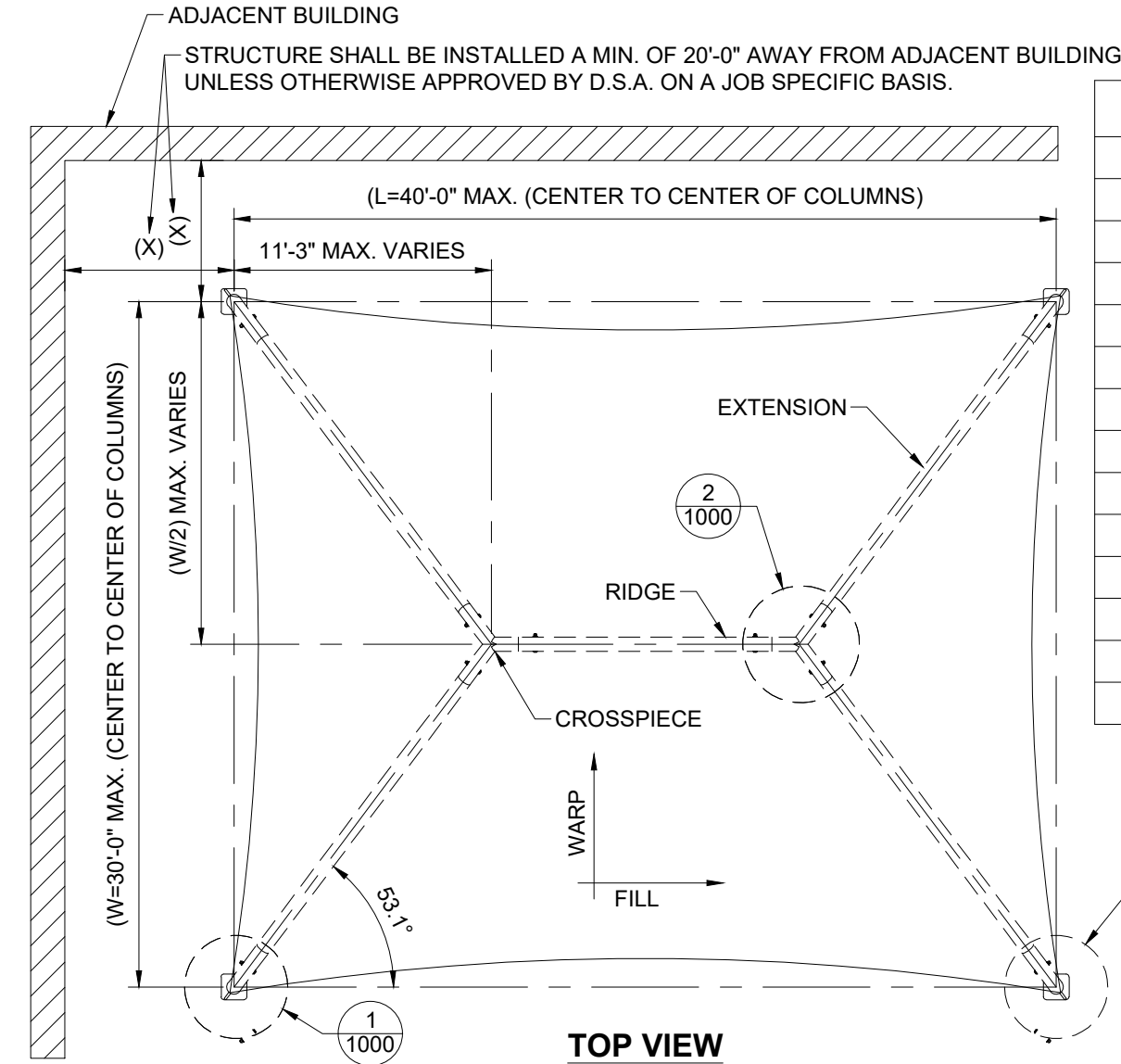
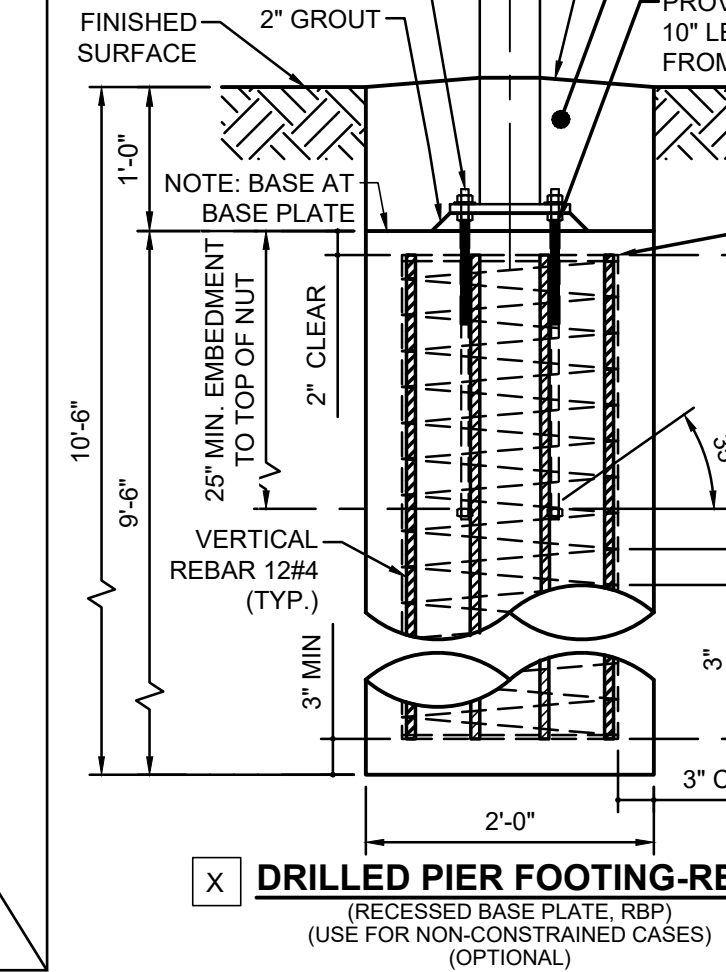
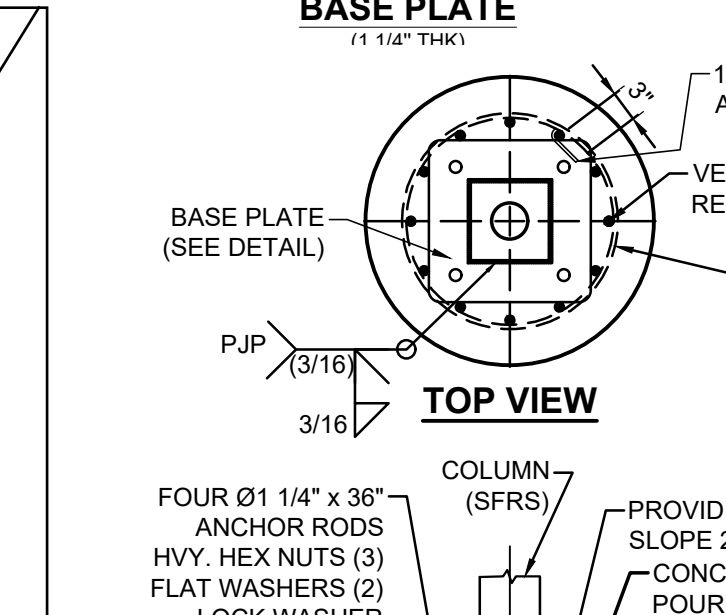
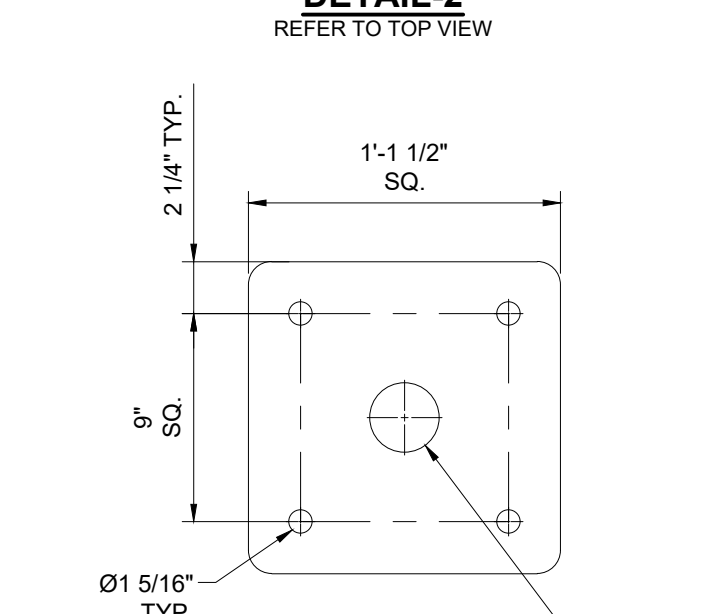
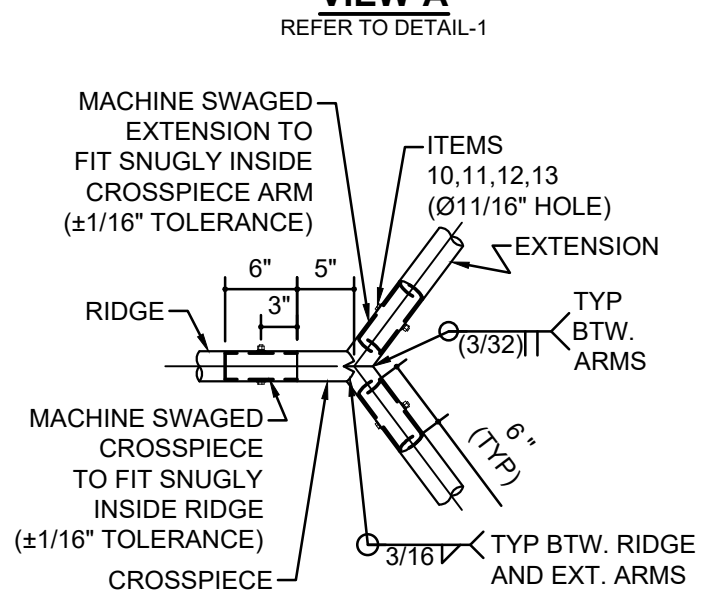
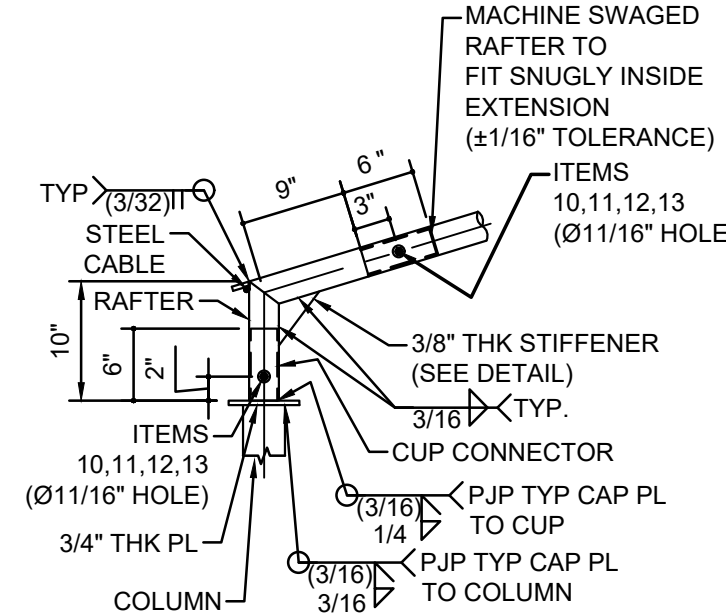
ARCHITECT OF RECORD TO DETERMINE IF SPECIFIC SITE IS IN GEOLOGIC HAZARD ZONE. GEOHAZARD REPORT REQUIREMENTS PER DSA IR A-4.

PC OPTIONS SHALL NOT INCLUDE LIQUEFIABLE SOIL (EXCEPTION: OPEN FABRIC SHADE STRUCTURES 1,600 SQUARE FEET OR LESS COMPLYING WITH REQUIREMENTS OF IR A-4 SECTION 3.1.1). IF STRUCTURE IS LOCATED IN AN AREA WITH LIQUEFIABLE SOIL OR SITE CLASS F, OVER-THE-COUNTER SUBMITTAL IS NOT ALLOWED AND REGULAR PROJECT SUBMITTAL IS REQUIRED. IF SITE IS NOT IN A MAPPED LIQUEFACTION HAZARD ZONE, IT MAY BE PRESUMED THAT NO LIQUEFACTION HAZARD EXISTS ON THAT SITE UNLESS A SITE-SPECIFIC GEOTECHNICAL REPORT IDENTIFIES SUCH HAZARD.

MINIMUM FOUNDATION SETBACK LIMIT IN ADJACENT SLOPE: THE DEPTH OF REQUIRED PIER EMBEDMENT SHALL START FROM AN ELEVATION THAT CORRESPONDS WITH A HORIZONTAL CLEAR DISTANCE OF 14 FEET THAT INTERSECT WITH THE SLOPE (DAYLIGHTING). IF SETBACK LIMITS ARE SMALLER THAN CBC REQUIRES, A SITE-SPECIFIC SOILS REPORT IS REQUIRED.



DETAIL 1
REFER TO TOP VIEW



LIST OF MATERIALS			
ITEM	QTY	DESCRIPTION	MATERIAL
1	4	COLUMN	HSS 7.0 x 7.0 x 0.250
2	4	CUP CONNECTOR (6" LG)	HSS 4.5 x 0.375
3	4	RAFTER (GALVANIZED STEEL TUBE)	5.00 GA 7 RD. TUBE (HSS 5.0 x 0.188)
4	4	EXTENSION (GALVANIZED STEEL TUBE)	5.00 GA 7 RD. TUBE (HSS 5.0 x 0.188)
5	2	CROSSPIECE (GALVANIZED STEEL TUBE)	5.00 GA 7 RD. TUBE (HSS 5.0 x 0.188)
6	1	RIDGE (GALVANIZED STEEL TUBE)	5.00 GA 7 RD. TUBE (HSS 5.0 x 0.188)
7	1	FABRIC TOP	FR COLOURSHADE 190/F5
8	1	Ø3/8" CABLE	GALVANIZED STEEL
9	4	Ø3/8" CABLE CLAMP	GALVANIZED STEEL
10	14	Ø5/8"-11NC x 6 1/2" HEX BOLT (ST)	316 SS
11	14	Ø5/8"-11NC HEX NUT	316 SS
12	28	Ø5/8" FLAT WASHER	316 SS
13	14	Ø5/8" SPLIT LOCK WASHER	316 SS

THE MINIMUM CLEARANCE REQUIRED BETWEEN DRILLED PIERS WHEN PLACING MULTIPLE OPEN FABRIC SHADE STRUCTURES ADJACENT TO EACH OTHER, FROM CENTER TO CENTER, IS THREE TIMES THE LEAST HORIZONTAL DIMENSION OF THE PIER PER CBC 2022 SEC. 1810A.2.5.

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



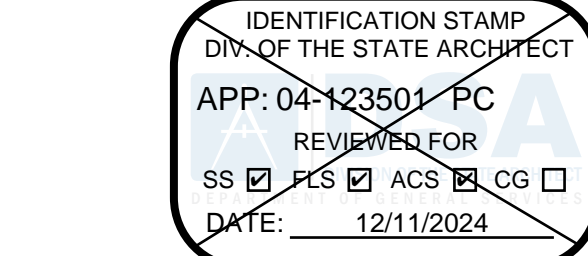
CORPORATE HEADQUARTERS
2580 ESTERS BLVD, SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER
CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Santa Clara Office
of Education

PROJECT NAME:
Gateway Center

LOCATION:
7151 Hanna Street
Milroy, Ca 95020
MODEL NUMBER:
DSA401304012-22



STRUCTURE TYPE:
H I P
DSA
SIZE: MAXIMUM
30' x 40' x 12'e MAX.
SCALE : NONE
DRAWING SIZE: D

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

Eng. By : HH 12/01/22
Design By : OS 12/01/22
Approved By : MB 12/01/22

DRAWING DESCRIPTION:

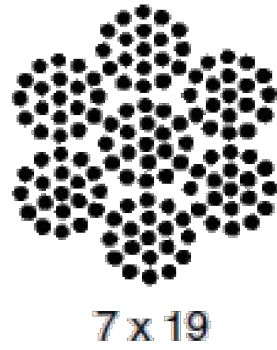
PRODUCT INFORMATION

DWG. DSA401304012-22
SHEET 7.1-1000
REV. NC

Aircraft Cable

Preformed, made in accordance with commercial specifications military and federal specification rope available.

Carbon Steel (Aircraft Cable) - Galvanized cable has the highest strength and greatest fatigue life of the materials offered. It has good to fair corrosion resistance in rural to industrial atmosphere environments. This material is most widely used for small diameter cables. Tin over galvanized cable offers greater corrosion resistance and reduced friction over pulleys.



7 x 19		Galvanized Min. Breaking Strengths (lbs)
Dia. (In)	Approx. Wt 1000 Ft/lbs	
3/32	17.	1,000
1/8	29.	2,000
5/32	45.	2,800
3/16	65.	4,200
7/32	86.	5,600
1/4	110.	7,000
9/32	139.	8,000
5/16	173.	9,800
3/8	243.	14,400



190/F5 Fire rated specifications

Standard range

Revision 0 28-Oct-12

Colour	Shade %	UV Block %	Average GSM	Average Warp break strength kgs	Average Elongation %	Average Weft break strength kgs	Average Elongation %	Average Burst Kpa	Average Burst to Mass ratio
Desert Sand	80	92	185	50	40	72	73	156	0.84
Blue	80	85	185	50	40	72	73	156	0.84
Brown	85		185	50	40	72	73	156	0.84
Green	80	85	185	50	40	72	73	156	0.84
Red	80	86	185	50	40	72	73	156	0.84
Silver	80	81	185	50	40	72	73	156	0.84
Terracotta	75	82	185	50	40	72	73	156	0.84
Yellow	80	89	185	50	40	72	73	156	0.84
				110 LB		159 LB		3258 PSF	

CONVERSION TO IMPERIAL UNITS:
185 GSM = .0378 psf
50 KGS = 110 Lb
72 KGS = 159 Lb
156 Kpa = 3258 psf

Notes: - 190/F5 conforms to The California State Fire Marshal Title 19 Test for Small scale Fabrics
- Tear tests are done using a 50mm wide strip and a cross head speed of 500mm/min
- This report has been compiled using the mean results from all tests conducted on the given sample by our Quality Control Laboratory. The information provided is considered to be a good reflection of the relevant properties of the fabric tested. These results must only be used as an indication of the quality and characteristics of the fabric tested.
Company cannot be held responsible or liable in any way whatsoever should this information differ to that of a registered testing institution.

Deon Joubert
General Manager - Multiknit (Pty) Ltd

Tommy Rogers
Managing Director - Multiknit (Pty) Ltd



FLAME RETARDANT

Fabric Registration

LICENSE NUMBER: F-052001

COLOURSHADE 190/F5

Product Marketed by:

MULTIKNIT (PTY) LTD
BOX 798 WHITE RIVER 1240
MPUMALANGA SOUTH AFRICA,

Issue Date : 06/10/2024

Expiration Date : 06/30/2025

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.

Walker

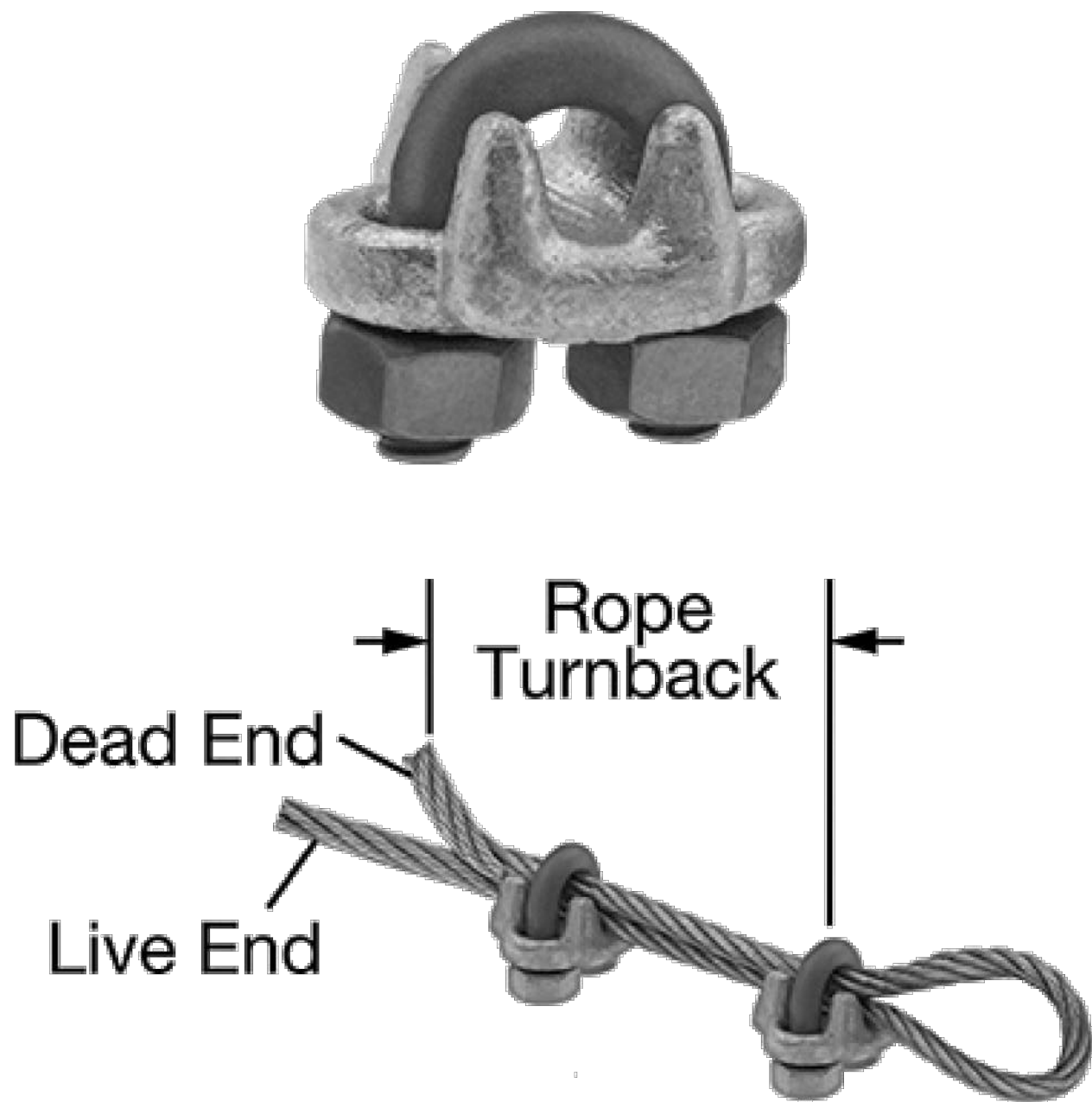
Issued By Courtney Walker
Fire Engineering License Manager
Fire Engineering & Investigations Division

Patricia Setter

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

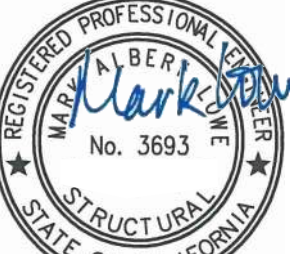
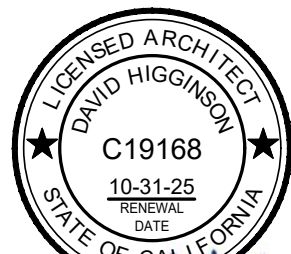
OFFICE OF THE STATE FIRE MARSHAL

Please visit calfire.gov/motus.org for more information on Licensing and Permitting with CAL FIRE



FORGED WIRE ROPE CLAMP

FITTING TYPE ROPE CLAMP
FABRICATION: FORGED
MATERIAL: GALVANIZED STEEL
FOR WIRE ROPE DIAMETER 3/8"
NUMBER OF CLAMPS REQUIRED: 2
ROPE TURNBACK: 6 1/2"
FOR WIRE ROPE CONSTRUCTION 7 x 19
ATTACHMENT TYPE: LOOP
CLAMP WIDTH 2", HEIGHT 1 15/16", THICKNESS 1 11/16"
REQUIRED INSTALLATION TOOL TORQUE WRENCH
REQUIRED TORQUE 45 FT.-LBS.
CAPACITY 80% OF THE ROPE'S CAPACITY
SPECIFICATIONS MET ASME B30.26, FED. SPEC. FF-C-450



8/19/24

6/28/2024

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122439 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 05/22/2025

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



CORPORATE HEADQUARTERS
2580 ESTERS BLVD, SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:

IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER
CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Santa Clara Office
of Education

PROJECT NAME:
Gateway Center

LOCATION:
7151 Hanna Street
Gilroy, Ca 95020

MODEL NUMBER:
DSA401304012-22

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-123501 PC
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒ CG ☐
DATE: 12/11/2024

STRUCTURE TYPE:

H I P
DSA

SIZE: MAXIMUM
30' x 40' x 12'e MAX.

SCALE : NONE

DRAWING SIZE:
D

PRE-CHECK (PC)
DOCUMENT

Code : 2022 CBC
A separate project application for construction is required.

Eng. By : HH 12/01/22

Design By : OS 12/01/22

Approved By : MB 12/01/22

DRAWING DESCRIPTION:

SPECIFICATIONS

DWG.
DSA401304012-22

SHEET
7.2-2000

REV.
NC



190/F5 Fire rated specifications

Standard range

Revision 0 28-Oct-12

Colour	Shade %	UV Block %	Average GSM	Average Warp break strength kgs	Average Elongation %	Average Weft break strength kgs	Average Elongation %	Average Burst Kpa	Average Burst to Mass ratio
Desert Sand	80	92	185	50	40	72	73	156	0.84
Blue	80	85	185	50	40	72	73	156	0.84
Brown	85		185	50	40	72	73	156	0.84
Green	80	85	185	50	40	72	73	156	0.84
Red	80	86	185	50	40	72	73	156	0.84
Silver	80	81	185	50	40	72	73	156	0.84
Terracotta	75	82	185	50	40	72	73	156	0.84
Yellow	80	89	185	50	40	72	73	156	0.84
			110 LB			159 LB		3258 PSF	

Notes:

190/F5 conforms to The California State Fire Marshal Title 19 Test for Small scale Fabrics
Tear tests are done using a 50mm wide strip and a cross head speed of 500mm/min

This report has been compiled using the mean results from all tests conducted on the given sample by our Quality Control Laboratory. The information provided is considered to be a good reflection of the relevant properties of the fabric tested. These results must only be used as an indication of the quality and characteristics of the fabric tested.
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General Manager - Multiknit (Pty) Ltd

Tommy Rogers
Managing Director - Multiknit (Pty) Ltd

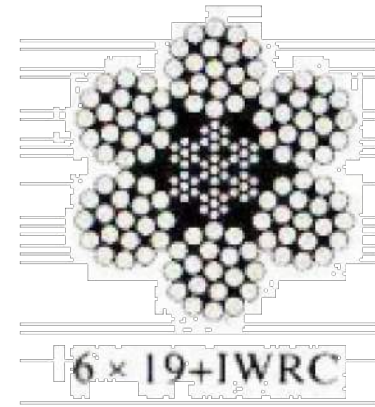
CONVERSION TO
IMPERIAL UNITS:
185 GSM = .0378 psf
50 KGS = 110 Lb
72 KGS = 159 Lb
156 Kpa = 3258 psf

GALVANIZED IWRC

6 X 19 IWRC

IMPROVED PLOW STEEL / EXTRA IMPROVED PLOW STEEL

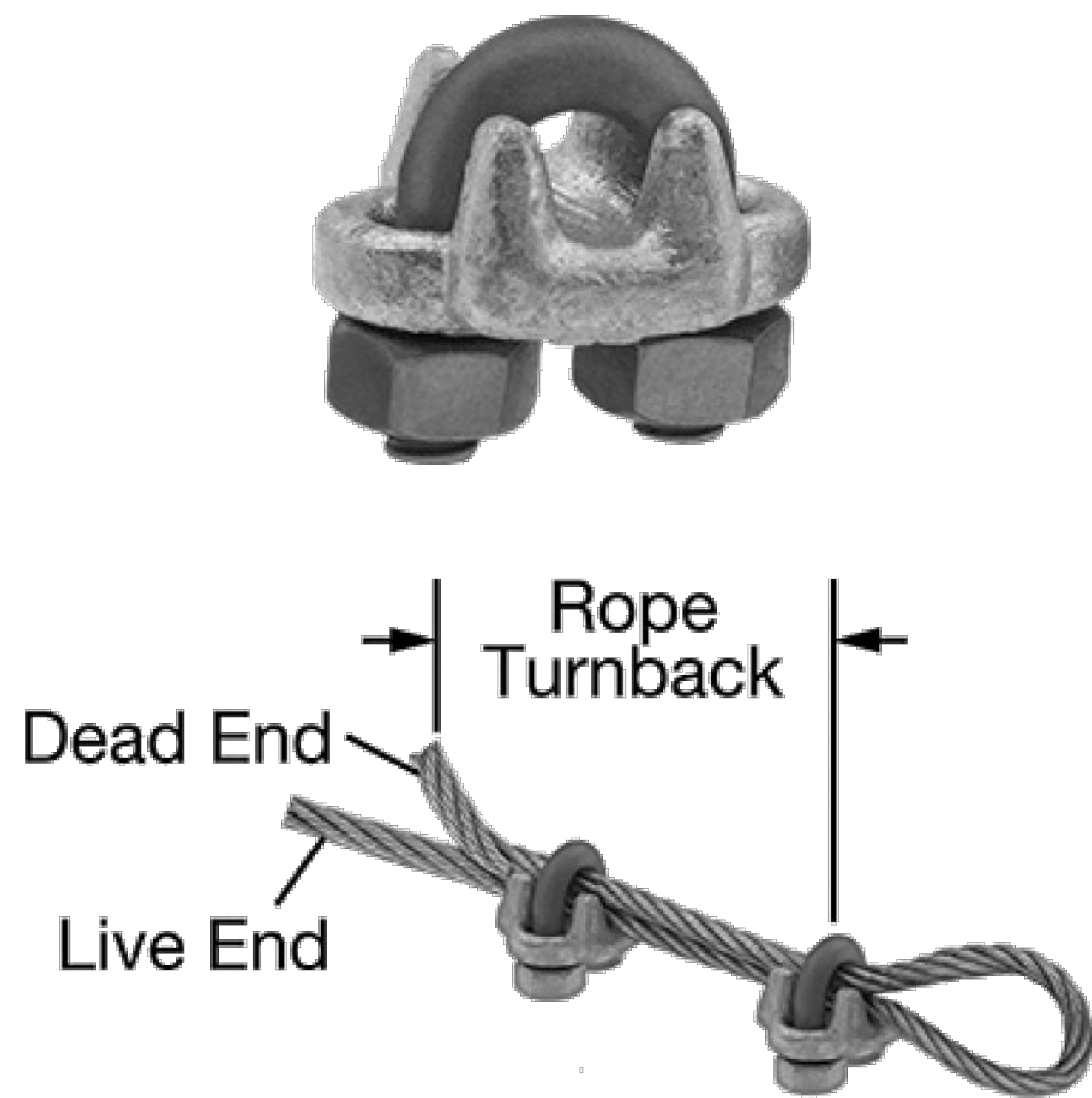
NOMINAL DIAMETER	MIN. BREAKING STRENGTH	WEIGHT	STOCK NUMBER
INCH	IPS LBS	EIPS* LBS	LBS/FT 6X19
1/4"	5,300	6,120	0.105 J42
5/16"	8,240	9,480	0.164 K42
3/8"	11,800	13,600	0.236 L42
7/16"	16,000	18,360	0.320 M42
1/2"	20,700	24,000	0.420 N42
9/16"	26,100	30,200	0.530 O42
5/8"	32,200	37,000	0.660 A42
3/4"	46,000	53,000	0.950 Q42
7/8"	62,200	71,600	1.290 R42
1"	80,800	93,000	1.680 S42
1 1/8"	101,800	117,000	2.130 T42
1 1/4"	125,000	143,800	2.630 U42
1 3/8"	150,400	172,800	3.180 V42
1 1/2"	178,000	206,000	3.780 W42



6 x 19 IWRC

FORGED WIRE ROPE CLAMP

FITTING TYPE: ROPE CLAMP
FABRICATION: FORGED
MATERIAL: GALVANIZED STEEL
FOR WIRE ROPE DIAMETER: 1/2"
NUMBER OF CLAMPS REQUIRED: 3
ROPE TURNBACK: 11 1/2"
FOR WIRE ROPE CONSTRUCTION: 6 x 19
ATTACHMENT TYPE: LOOP
CLAMP
WIDTH: 2 5/16"
HEIGHT: 2 3/8"
THICKNESS: 1 15/16"
REQUIRED INSTALLATION TOOL: TORQUE WRENCH
REQUIRED TORQUE: 65 FT.-LBS.
CAPACITY: 80% OF THE ROPE'S CAPACITY
SPECIFICATIONS MET ASME B30.26, FED. SPEC. FF-C-450



FLAME RETARDANT

Fabric Registration

LICENSE NUMBER: F-052001

COLOURSHADE 190/F5

Product Marketed by:
MULTIKNIT (PTY) LTD
BOX 798 WHITE RIVER 1240
MPUMALANGA SOUTH AFRICA

Issue Date : 06/10/2024
Expiration Date : 06/30/2025

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.

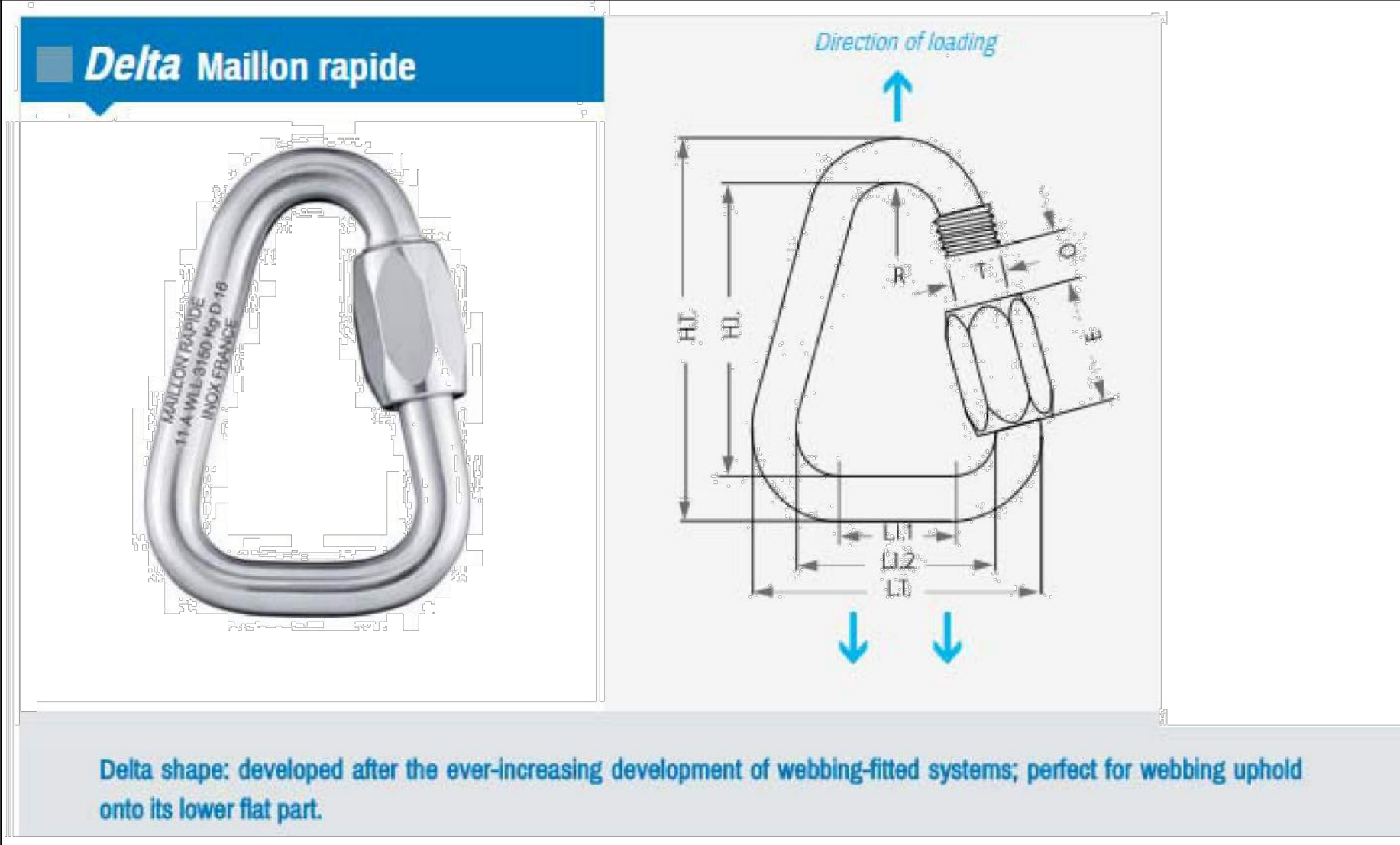
Issued By Corneyn Walker
Fire Engineering License Manager
Fire Engineering & Investigations Division

Reviewed and Approved By Patricia Selter
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

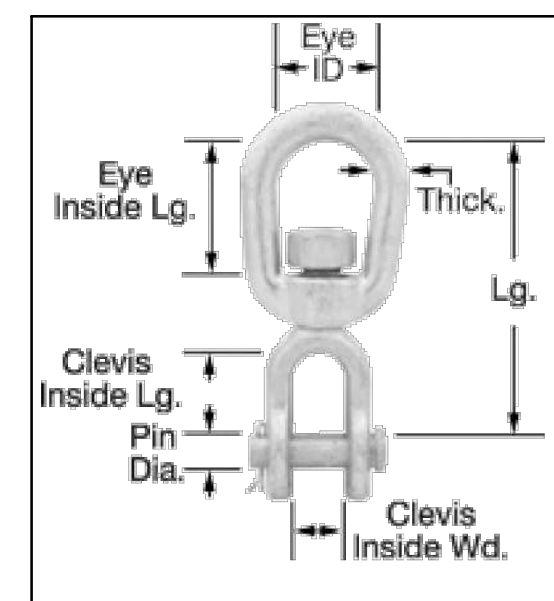
Page 1 of 1



Reference	Diameter	Dimensions - mm	Weight	WLL	BL	Quote
	mm inches	L.T. L.I.1 L.I.2 H.T. H.I. O E R T	g	kg	kg	Qty
MRDZ02.5	2,5 3/32"	22 10 17 27 22 3,5 8 3,5 3,5	3	25	125	
MRDZ03.0	3 7/64"	27 12,5 21 30 24 4 9 4,25 4	6	40	200	
MRDZ03.5	3,5 1/8"	31 14 24 36 29 5 11 5 5	9	70	350	
MRDZ04.0	4 5/32"	35,5 16 27,5 40 32 5,5 12,5 5,75 6	14	100	500	
MRDZ05.0	5 3/16"	40 17 30 48 38 6,5 16 6,5 7	23	150	750	
MRDZ06.0	6 1/4"	47 20,5 35 56 44 7,5 19 7,25 9	39	250	1250	
MRDZ07.0	7 9/32"	51 21 37 63 49 8,5 21,5 8 10	58	400	2000	
MRDZ08.0	8 5/16"	56 22,5 40 73 57 10 24 8,85 11	88	550	2750	
MRDZ09.0	9 3/8"	60 23 42 78 60 11 26 9,5 12	115	700	3500	
MRDZ10.0	10 7/16"	66 25,5 46 87 67 12 29 10,25 13	153	900	4500	
MRDZ12.0	12 1/2"	75 27,5 51 104 80 15 33 11,75 15	256	1100	5500	
MRDZ14.0	14 9/16"	85 30,5 57 123 95 17 38,5 13,25 17	404	1800	9000	
MRDZ16.0	16 5/8"	93 31,5 61 138 106 19 45 14,75 19	612	2200	11000	
MRDZ18.0	18 11/16"	102 32,5 66 155 119 23 52 16,25 22	845	2600	13000	
MRDZ20.0	20 25/32"	112 31,5 72 176 136 24 60 17,75 24	1185	3000	15000	

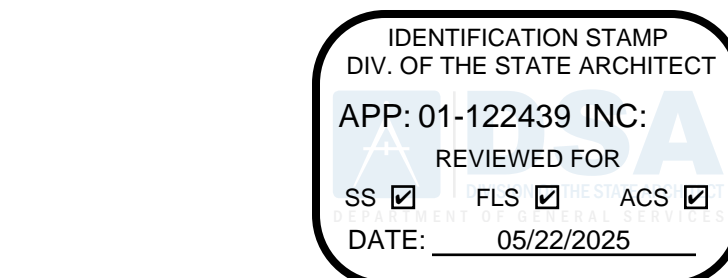
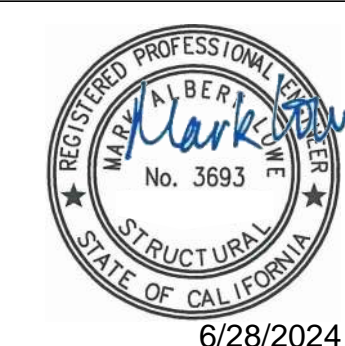
25/32 QUICK LINK UNITS CONVERSION

LT	U1	U2	HT	HI	O	E	R	T	WEIGHT	WORKING LOAD	BREAKING LOAD
[in]	[in]	[in]	[in]	[in]	[in]	[in]	[in]	[in]	[lb]	[lb]	[lb]
4.409	1.240	2.835	6.929	5.354	0.945	2.362	0.699	0.945	2.61	6613	33069



EYE-TO-CLEVIS SWIVEL
MATERIAL: GALVANIZED STEEL
LENGTH: 5 7/8"
EYE:
THICKNESS: 3/4"
INSIDE LENGTH: 1 3/4"
ID: 2"
CLEVIS
INSIDE WIDTH: 1 1/8"
INSIDE LENGTH: 1 3/4"
PIN DIAMETER: 3/4"
PIN TYPE: COTTER
CAPACITY: 7,200 LBS.
FABRICATION: FORGED
SPECIFICATIONS MET FED. SPEC. RR-C-271
FITTING TYPE: SWIVEL
ATTACHMENT TYPE: EYE-TO-CLEVIS

WIRE ROPE THIMBLE
FITTING TYPE: THIMBLE
MATERIAL: GALVANIZED STEEL
FOR WIRE ROPE DIAMETER* 1/2"
LOOP
INSIDE LENGTH: 1 7/8"
INSIDE WIDTH: 1 1/8"
SPECIFICATIONS MET FED. SPEC. FF-T-276B



THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.

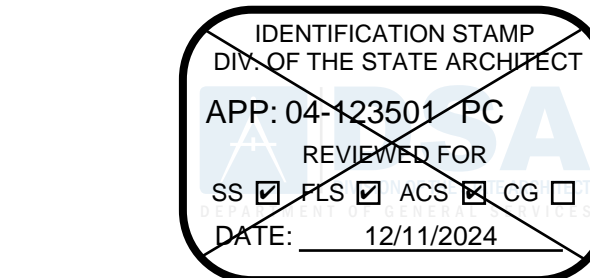
USASHADE & Fabric Structures
CORPORATE HEADQUARTERS
2580 ESTERS BLVD. SUITE 100
DFW AIRPORT, TX. 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER
CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Santa Clara Office
of Education

PROJECT NAME:
Gateway Center

LOCATION:
7151 Hanna Street
Milroy, Ca 95020
MODEL NUMBER:
DSA4183030-22



STRUCTURE TYPE:
TENSION SAILS
DSA
SIZE:
MAXIMUM
30' x 133' MAX. x 15'e
SCALE : NONE
DRAWING SIZE:
D

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

Eng. By : HH 12/01/22
Design By : OS 12/01/22
Approved By : MB 12/01/22

DRAWING DESCRIPTION:
SPECIFICATIONS

DWG. DSA4183030-22
SHEET 25.2-2000
REV. NC