

DSA GENERAL NOTES

ALL WORK SHALL CONFORM TO 2025 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT.

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

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

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

THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)...

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<u>2025 CALIFORNIA BUILDING CODE REGULATIONS</u>	
2025	BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2025	CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2018 INTERNATIONAL BUILDING CODE VOLUMES 1-3 AND 2015 CALIFORNIA AMENDMENTS)
2025	CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2017 NATIONAL ELECTRICAL CODE AND CALIFORNIA AMENDMENTS)
2025	CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R. (2018 UNIFORM MECHANICAL CODE AND CALIFORNIA AMENDMENTS)
2025	CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
2025	CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2018 INTERNATIONAL FIRE CODE AND CALIFORNIA AMENDMENTS)
2025	CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2025	CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART11, TITLE 24 C.C.R.

STATEMENT OF GENERAL CONFORMANCE		
Application no. :	03-126161	
File no. :	19-63	
<p>The drawings identified as follows:</p> <div style="margin-left: 20px;"> <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 approval(s): _____ </div>		
<p>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:</p> <ol style="list-style-type: none"> 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. 		
<p>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, and 4-431 and 4-344 of Title 24, Part 1.</p>		
		May 22, 2026 Date
MICHAEL McDONALD	C30494	May 31, 2027
Printed Name	License Number	Expiration Date

OWNER

EL MONTE CITY SCHOOL DISTRICT

3540 N. LEXINGTON AVENUE, EL MONTE, CA 91751

PHONE: (626) 453-3700

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CONTACT: MATTHEW LAW, BUSINESS SUPPORT SERVICES MANAGER, PURCHASING DEPARTMENT

EMAIL: mlaw@emcsd.org

ARCHITECT

BUREAU VERITAS

220 TECHNOLOGY DRIVE, SUITE 100

IRVINE, CA 92618

PHONE: (949) 860-4900

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CONTACT: MICHAEL McDONALD

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CIVIL ENGINEER

VCA ENGINEERS, INC.

631 S. ATLANTIC BLVD.

MONTEREY PARK, CA 91754

PHONE: (323) 729-6098

FAX: (626) 872-0795

CONTACT: VIRGIL ADOANAN

EMAIL: virgil.adoanan@vcaeng.com

PLAYGROUND EQUIPMENT ENGINEER

MIRACLE PLAYGROUND SALES, INC.

PHONE: (800) 264-7225/307

MOBILE: (714) 267-7457

WEBSITE: www.miracleplayground.com

CONTACT: ROB FRYHOFF

EMAIL: rfryhoff@miracleplayground.com

SHADE STRUCTURE ENGINEER

USA SHADE

1085 N. MAIN, STE. C

ORANGE, CA 92667

PHONE: (714) 241-5542

WEBSITE: www.usa-shade.com

CONTACT: CHRISTINA BENNETT

EMAIL: christina.bennett@usa-shade.com

	DESCRIPTION OF WORK	AREA OF WORK
ITEM 1 (KINDERGARTEN AREA)	(N) AC PAVEMENT	3,192 SQ-FT
ITEM 2 (KINDERGARTEN AREA)	(N) SOLAR REFLECTIVE COLOR COATING OVER (N) AC PAVEMENT	3,192 SQ-FT
ITEM 3 (KINDERGARTEN AREA)	(N) 'PLAYGROUND' MAT TILE FLOOR ASSEMBLY OVER (N) CONCRETE SUB-BASE & DRAINAGE SYSTEM	3,430 SQ-FT
ITEM 4 (KINDERGARTEN AREA)	(N) CONCRETE MOW CURB AROUND (N) 'PLAYGROUND' AREAS	414 LF
ITEM 5 (PRIMARY AREA)	(N) SOLAR REFLECTIVE COLOR COATING OVER (E) AC PAVEMENT	58,038 SQ-FT
ITEM 6 (PRIMARY AREA)	(N) 'PLAYGROUND' MAT TILE FLOOR ASSEMBLY OVER (N) CONCRETE SUB-BASE & DRAINAGE SYSTEM	4,779 SQ-FT

THIS PROJECT IS THE EXISTING EL MONTE WILKERSON ELEMENTARY SCHOOL PLAYGROUND REPLACEMENT PROJECT. THIS FACILITY IS LOCATED AT 2700 N. DOREEN AVE, EL MONTE, CA 91733.

PRIMARY - PLAYGROUND AREA 'A'

- 3A** INSTALLATION OF TWO NEW DSA PRE-APPROVED PRE-FABRICATED SHADE STRUCTURES (DSA P.C. 04-123739) AT PLAYGROUND AREA 'A'.

3B. INSTALL NEW ACCESSIBLE COMPLIANT DRINKING FOUNTAIN NEAR THE AREA OF WORK.

3C CONSTRUCT NEW CONCRETE CURB AROUND EACH PLAYGROUND AREA 'B', TYPICAL OF THREE.

- ### ACCESSIBLE PATH OF TRAVEL, PARKING & RESTROOMS

- | | |
|----|--|
| 1D | ACCESSIBLE PATH OF TRAVEL UPGRADES: 1) CONSTRUCT NEW ACCESSIBLE COMPLIANT CONCRETE WALK(S), 2) NEW GATE & GATE HARDWARE - REFER TO SHEET GN-2.0. |
| 2D | UPGRADE (E) STUDENT & STAFF RESTROOMS IN BUILDING 'H' TO COMPLY WITH ACCESSIBILITY REQUIREMENTS - REFER TO SHEET GN-2.0. |
| 3D | MODIFY PARKING LOT TO PROVIDE PASSENGER DROP-OFF AND LOADING AREA. |

PROJECT SITE:
EL MONTE WILKERSON ELEMENTARY SCHOOL
2700 N. DOREEN AVE
EL MONTE CA, 91733

AREA SCOPE OF WORK:
(E) PRIMARY OUTDOOR ACTIVITY AREA

AREA SCOPE OF WORK:
(E) PRIMARY PLAYGROUND AREA 'A'

AREA SCOPE OF WORK:
(E) KINDER PLAYGROUND AREA 'B'

PROJECT SITE:
EL MONTE WILKERSON ELEMENTARY SCHOOL
2700 N. DOREEN AVE
EL MONTE CA, 91733

NORTH

[illegible]

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
PP: 03-126161 INC:
REVIEWED FOR
S ☒ FLS ☒ ACS ☒
DATE: 06/03/2026



20 TECHNOLOGY DR., SUITE 100
IRVINE CA 92618
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ARCHITECT



CONSULTANT ENGINEERS

Project: EL MONTE CITY SCHOOL DISTRICT
WILKERSON ELEMENTARY SCHOOL
PLAYGROUND(S) REPLACEMENT PROJECT

2700 N. DOREEN AVENUE
EL MONTE, CA 91733

Description	Date
BUILDING DEPARTMENT SUBMITTAL	05/04/2026
BACKCHECK SUBMITTAL	05/22/2026

IT IN WRITING OF ANY PERCEIVED
LY KNOWLEDGEABLE WITH THE BUILDING
NS ADDRESSING SUCH PERCEIVED
ITS SUBCONTRACTORS PROCEEDING

Job. No.	
Drawn By	ES
Checked By	ML

**SHEET INDEX
PROJECT DATA,
SCOPE OF WORK,
& APPLICABLE CODES**

GN-1.0

ABBREVIATIONS				
AB	ANCHOR BOLT	GI	GALVANIZED IRON	SCHED SCHEDULE /
ACT	ACOUSTICAL TILE	GL	GLASS	SCHEDULED
ADJ	ADJUNCT /	GLZ	GLAZING	SCHEM SCHEMATIC
	ADJUSTABLE	GRD	GRADE/GRADING	S.D. SHADING DEVICE
AF	ABOVE FINISHED FLOOR	GRND	GROUND	SEC SECOND
AFG	ABOVE FINISHED FINISH			SECT SECTION
AHU	AIR HANDLING UNIT			SEOR STRUCTURAL ENGINEER OF RECORD
ALUM	ALUMINUM	CORE	CORE	SF SQUARE FEET
ANOD	ANODIZED	HDW	HEAD	SGL SINGLE
ALT	ALTERNATE NO.	HDW	HARDWARE	SHIT SHEET
ANSI	AMERICAN NATIONAL STANDARDS	HOWD	HOLLOW METAL	SHITM SHEET METAL
	INSTITUTE	HM	HOLLOW METAL	FLASH FLASHING
AOR	ARCHITECT OF RECORD	HT	HEIGHT	SHING SHEATHING
		HRVZ	HORIZONTAL, HORIZ	SIM SMALL
APPROX	APPROXIMATELY	HWH	HOT WATER HEATER	SINT SEALANT
APVD	APPROVED	HW	HOT WATER	SURF MT SURFACED MOUNTED
ARCH	ARCHITECT	COND	CONDITIONING	SM SMALL
ASSY	ASSEMBLY	HW	HOT WATER HEATER	SMAC SHEET METAL AIR CONDITIONING
AUTO	AUTOMATIC / AUTOMATION	HW	HOT WATER	SRPLY SUPPLY
AVG	AVERAGE			SPEC SPECIFICATION(S)
AW	AMERICAN WOODWORKING			SPT SUPPORT
	INSTITUTE	ID	INSIDE DIAMETER	SQ SQUARE
AWT	ACOUSTICAL WALL TREATMENT	ID	INTERIOR DESIGN	SST STAINLESS STEEL
		INVEL	INVERT ELEVATION	STC SOUND
		INSIDE	INSIDE FACE	TRANSMISSION
		IOR	INSPECTOR OF RECORD	STD STANDARD
B/B	BACK TO BACK	IN	INCHES	STD STANDARD
BD	BOARD	INCAND	INCANDESCENT	STL STEEL
BLDG	BUILDING	INCL	INCLUDING INCL	STLJ ST. JOIST
BLKG	BLOCKING	INSL	INSULATION	STOR STORAGE
BLST	BALLAST	INSULTE	INSULATE / INSULATION	SUNT SUNT
BM	BEAM/BEAM MARK	INT	INTERIOR / INTERNAL	SUSP SUSPENDED
BOS	BOTTOM OF STEEL	INT	INTERIOR / INTERNAL	SYMM SYMMETRICAL
BOT	BOTTOM	INV	INVERT	
BRS	BEARING			
BSMT	BASEMENT	JCH	JANITOR	T TREAD
BTWN	BETWEEN	JAN	JANITOR BOX	T&B TOP & BOTTOM
BUR	BURD UP ROOFING	JAN CLO	JANITOR CLOSET	T&G TONGUE & GROOVE
		JT	JUNCTION	TBD TO BE DETERMINED
CB	CATCH BASIN			TEL TELEPHONE
CBR	CEMENTITIOUS BACKER BOARD			TEMP TEMPERATURE / TEMPORARY
C/C	CENTER TO CENTER	KIT	KITCHEN	TERR TERRAZZO
CAB	CABINET			THR THICK
CEN	CEMENT			THRES THRESHOLD
CEM	PLAS CEMENT PLASTER	LAB	LABORATORY	THRU THROUGH
CER	CERAMIC	LAM	LAMINATE	TMPO CL TEMPERED GLASS
CF	CONCRETE FOOT	LAV	LAVATORY	TOP TOP
CFCI	CONTRACTOR FURNISHED /	LBS	POUNDS	TOJ TOP OF JOIST
	CONTRACTOR INSTALLED	LF	LINEAR FEET	TOC TOP OF CONCRETE
CFDI	CONTRACTOR FURNISHED / OWNER	LH	LEFT HAND	TOC TOP OF CURB
	INSTALLED	LLH	LONG LEG HORIZONTAL	TOM TOP OF MASONRY
CFLG	CORNER FLASHING	LVL	LONG LEG VERTICAL	TOP TOP OF PARAPET
CFMF	COLD FORMED METAL FRAMING	LPT	LOW POINT	TOS TOP OF STEEL
CH	CHIMNEY	LT	LIGHT	TOT TOP OF SLAB
CIP	CAST IN PLACE	LTR	LIGHTING	TOW TOP OF WALL
CJ	CONTROL JOINT/ CONSTRUCTION	LVG	LOUVER	TRD TRIMMED
				TS TUBE STEEL
CL	CHAIN LINK			TYP TYPICAL
CLG	CEILING	MAINT	MAINTENANCE	
CLO	CLOSET	MAS	MASONRY	
CLR	CLEAR	MATL	MATERIAL	UBC UNIFORM BUILDING CODE
CLT	CLEAR	MAX	MAXIMUM	UC UNDERCUT
CMU	CONCRETE MASONRY UNIT	MCH	MECHANICAL	UN UNDESKRITER'S LABORATORIES
CMA	CONCRETE MASONRY NATIONAL	MED	MEDIUM	UNFIN UNFINISHED
	ASSOCIATION	MEMB	MEMBRANE	UON UNLESS OTHERWISE NOTED
CO	CLEAN OUT	MFG	MANUFACTURING	UR URINAL
COL	COLUMN	MFR	MANUFACTURER	UTL UTILITY
CONC	CONCRETE	MIN	MINIMUM	
COND	CONDITION	MISC	MISCELLANEOUS	
CONST	CONSTRUCTION	ML	METAL LATH	VNR VARIES
CONT	CONTINUE / CONTINUATION OR	MO	MASONRY OPENING	VNR VENEER
	CONTINUOUS	MOD BIT	MODIFIED BITUMEN	VCT VINY COMPOSITION TILE
CONTR	CONTRACTOR	MR	MOISTURE	VERT VERTICAL
COORD	COORDINATE			VEST VESTIBULE
COP	CORP	MS	MON SINK	VIF VERIFY IN FIELD
CORR	CORROD	MTD	MOUNTED	VTR VENT THROUGH ROOF
CPT	CAP	MTL	METAL	VWC VENT W/ COVERING
CSK	COUNTER SUNK	MULL	MULLION	
CTR	CERAMIC TILE			
CUT	CUT			
CUT FT	CUBIC FOOT/ CUBIC	N	NORTH	W WEST / WIDTH
OW	COLD WATER	NA	NOT APPLICABLE	WBW WOOD BLOCKING
CY	CUBIC YARDS	NCMBL	NONCOMBUSTIBLE	WC WATER CLOSET
		NEG	NEGATIVE	WC WALL COVERING
		NIC	NOT IN CONTACT	WD WOOD
		NO	NO	WDW WINDOW
		NOM	NOMINAL	WF WIDE FLANGE
		NTS	NOT TO SCALE	WGL WIRED GLASS
D	DEPTH/DEEP			WH WATER HEATER
DBL	DOUBLE			WH WEEP HOLE
DEMO	DEMOLITION	NMS	NOT TO SCALE	WIO WITHOUT
DET	DETAIL			WP WATERPROOFING
DEL	DELETE	OA	OVERALL	WP WORKING POINT
DETN	DETENTION	OC	ON CENTER	WR WATER RESISTANT
DIA	DIAMETER	OCF	OUTSIDE FACE	WT WEIGHT
DIM				

GRAPHIC SYMBOLS	
SYMBOLS	DESCRIPTION
	COLUMN GRID LINE
	WALL SECTION REFERENCE SECTION NUMBER DRAWING ON WHICH SECTION IS SHOWN
	BUILDING SECTION REFERENCE SECTION NUMBER DRAWING ON WHICH SECTION IS SHOWN
	DETAIL SECTION REFERENCE DETAIL NUMBER DRAWING ON WHICH DETAIL IS SHOWN
	DETAIL PLAN REFERENCE DETAIL NUMBER DRAWING ON WHICH ELEV. IS SHOWN
	ELEVATION REFERENCE ELEVATION NUMBER DRAWING ON WHICH ELEV. IS SHOWN
	DOOR NUMBER
	TOILET ACCESSORY
	ROOM NAME ROOM NUMBER
	WINDOW NUMBER
	MATCH LINE
	VERTICAL ELEVATION MARK
	NORTH ARROW
A-2.00	SHEET NUMBER
	DESIGNATES PHOTO DETAIL ON SHEET
	OCCUPANCY GROUP SQUARE FT. PER OCCUPANT TABLE 10-A TOTAL # OF OCCUPANTS AREA OF ROOM
	NEW WALL CONSTRUCTION, THICKNESS AND WALL FINISH TO MATCH EXISTING ADJACENT
	EXISTING WALL TO BE DEMOLISHED
	ENLARGED AREAS
	FINISH SYMBOL
	DEMO KEYNOTE
	NEW KEYNOTE
	DESIGNATES WALL TYPE

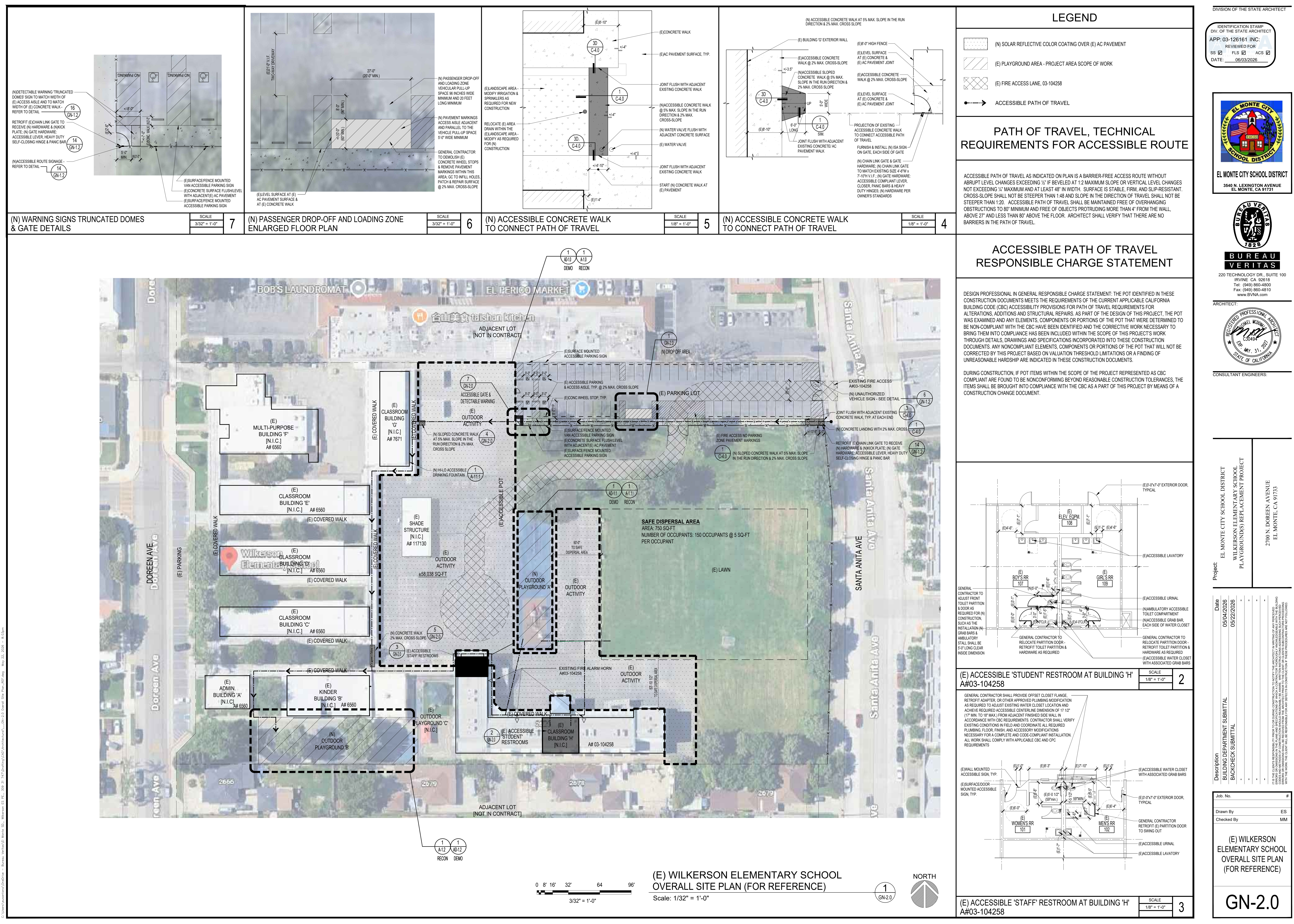
<h1>HAZARDOUS MATERIAL DISCLAIMER</h1>	
<p>THESE DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS AND ARE A REPRESENTATION OF EXISTING CONDITIONS AT A DETAIL REQUIRED BY THE SCOPE OF THE ARCHITECT'S SERVICES. THE ARCHITECT HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION INCLUDING BORING OR CORING OF STRUCTURAL AND/OR NON-STRUCTURAL ELEMENTS, MEASUREMENTS, ETC. AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT. THE ARCHITECT HAS NOT CONDUCTED ANY CODE COMPLIANCE ANALYSIS, STRUCTURAL ANALYSIS, ASBESTOS INVESTIGATIONS, LIFE SAFETY EVALUATION ENGINEERING STUDIES OF ANY KIND TO DETERMINE THE SUITABILITY OF THIS BUILDING FOR ITS INTENDED USE. SUBSEQUENTLY THE ARCHITECT DOES NOT REPRESENT THAT THESE DOCUMENTS ILLUSTRATE EXISTING CONDITIONS THAT COMPLY WITH ANY OR ALL APPLICABLE CODES. THE DISCOVERY OF ANY DEFICIENCY IN THE BUILDING AND/OR SITE, INCLUDING THE PRESENCE OF ASBESTOS, SHALL BE IMMEDIATELY REPORTED TO THE PROPERTY OWNER WHO SHALL BE RESPONSIBLE TO DIRECT HIS CONTRACTOR AND/OR CONSULTANTS IN THE APPROPRIATE MANNER.</p>	
<h1>2025 CALIFORNIA GREEN BUILDING CODE</h1>	
<p>ALL MATERIAL SHALL COMPLY TO 2025 CAL GREEN BUILDING CODE</p>	
TABLE 5.504.4.3	VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS GRAMS OF VOC PER LITER OF COATING, LESS WATER AND LESS EXEMPT COMPOUNDS

GENERAL NOTES	
1.	ALL WORK SHALL COMPLY WITH CODES, LAWS, & REGULATIONS OF PUBLIC AUTHORITIES GOVERNING THE WORK.
2.	CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CONDITIONS AT THE JOB SITE PRIOR TO START OF WORK. ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES.
3.	CONTRACTOR SHALL SUBMIT REQUESTS FOR SUBSTITUTIONS, REVISIONS, OR CHANGES TO ARCHITECT PRIOR TO PURCHASE, FABRICATION OR INSTALLATION.
4.	CONTRACTOR SHALL PROTECT AREA OF WORK AND ADJACENT AREAS ON SITE FROM BEING DAMAGED DURING CONSTRUCTION.
5.	COORDINATE WORK WITH THE OWNER, INCLUDING SCHEDULING TIME, LOCATIONS FOR DELIVERIES, SITE ACCESS & USE OF SERVICES. MINIMUM DISTURBANCE TO NEIGHBORS.
6.	CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS OFF SITE.
7.	MAINTAIN ALL EXITS, EXIT LIGHTING, FIRE PROTECTIVE DEVICES, AND ALARMS IN CONFORMANCE WITH CODES AND ORDINANCES.
8.	PATCH & REPAIR DAMAGED SURFACE (IN CONTRACT AREA & ALL SURFACES & IMPROVEMENTS DAMAGED DUE TO CONSTRUCTION ACTIVITY) AS REQUIRED TO & MATCH ADJACENT (E) SURFACES, PAINT AS REQUIRED.
9.	CONTRACTOR SHALL VERIFY AT SITE THE EXTENT OF WORK WHICH MAY OR MAY NOT BE INDICATED BY CLOUDS OR OTHERWISE ON THE DRAWINGS.
10.	MAINTAIN WORK AREAS SECURE AND LOCKABLE DURING CONSTRUCTION.
11.	DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SHALL GOVERN. IN CASE OF CONFLICT, CONSULT OWNER.
12.	AT THE COMPLETION OF CONSTRUCTION, REPAIR ALL DAMAGE TO THE PAVED AND LANDSCAPED AREAS TO THE SATISFACTION OF ARCHITECT.
13.	PROVIDE BARRICADES AND PROTECTION AS REQUIRED.
14.	AFTER REMOVAL OF DAMAGED STRUCTURE & CLEAN UP, STRUCTURAL ENGINEER OF RECORD SHALL EXAMINE STRUCTURE AT SITE PRIOR TO STARTING WORK.
15.	ALL CONSTRUCTION INDICATED BY AN "E" IS EXISTING. ALL OTHERS ARE NEW CONSTRUCTION.
16.	CHANGES TO APPROVED DRAWINGS OR SPEC'S SHALL BE MADE BY AN ADDENDA OR CHANGE ORDER APPROVED BY THE OWNER.
17.	A CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE OWNER SHALL PROVIDE CONTINUOUS INSPECTION OF WORK.
18.	ALL SUBCONTRACTORS MUST FIELD WALK SITE DURING BIDDING PHASE TO FAMILIARIZE WITH (E) CONDITIONS. BIDDING SUBCONTRACTOR SHALL VERIFY ALL (E) CONDITIONS & DIMENSIONS DURING THE BIDDING PHASE, INCLUDING ALL UTILITIES & OTHER WORKS & FACILITIES THAT MAY AFFECT WORK. ANY DISCREPANCIES, CONFLICTS OR OMISSIONS, ETC., SHALL BE REPORTED TO ARCHITECT BEFORE PROCEEDING WITH WORK. NO ALLOWANCE SHALL BE MADE FOR ANY EXTRA EXPENSE OR EXTENSION OF TIME DUE TO CONTRACTOR'S FAILURE OR NEGLIGENCE OF COMPLETE EXAMINATION OF JOB SITE.
19.	LOCATIONS OF UTILITIES IF INDICATED ON PLANS IS NOT GUARANTEED TO BE ACCURATE OR COMPLETE, BUT IS PLOTTED FOR INFORMATION OF CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE EXACT LOCATIONS OF UTILITIES & THEIR SERVICE CONNECTIONS.
20.	CONSTRUCTION DOCUMENTS ARE PROVIDED TO ILLUSTRATE DESIGN & GENERAL TYPE OF CONSTRUCTION DESIRED, & IMPLIES THE FINEST QUALITY OF CONSTRUCTION MATERIALS & WORKMANSHIP. CONTRACTOR IS ASSUMING RESPONSIBILITY FOR THE WORK INDICATED, & SHALL COMPLY WITH THE SPIRIT AS WELL AS THE LETTER IN WHICH THEY WERE DRAWN.
21.	THE CONTRACTOR SHALL MAINTAIN LIABILITY INSURANCE TO PROTECT HIMSELF & HOLD THE OWNER HARMLESS FROM ANY & ALL CLAIMS FOR DAMAGES, FOR PERSONAL OR BODILY INJURIES OR DEATH OR PROPERTY DAMAGE DURING THE COURSE OF CONTRACT. CONTRACTOR WILL BE FULLY RESPONSIBLE FOR THE SUPERVISION OF ALL WORK DONE BY ANY OF HIS SUBCONTRACTORS. CONTRACTOR'S RESPONSIBILITY FOR SUCH SUPERVISION SHALL INCLUDE ALL ASPECTS OF THE WORK, INCLUDING & WITHOUT LIMITATION OF SPEED, QUALITY & SAFETY THEREOF. ALL SUBCONTRACTORS SHALL BE DULY LICENSED, UNLESS OTHERWISE APPROVED BY THE OWNER IN WRITING.
22.	THE CONTRACTOR GUARANTEES THAT THE WORK PERFORMED WILL BE FREE FROM FAULTY MATERIALS & WORKMANSHIP. UPON RECEIPT OF NOTIFICATION FROM THE OWNER, CONTRACTOR SHALL REMEDY, REPAIR OR REPLACE IMMEDIATELY WITHOUT COST TO OWNER ALL DEFECTS OR IMPERFECTIONS APPEARING IN THE WORK. IT SHALL BE UNDERSTOOD U.O.N. THAT ALL MATERIALS & WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR BY CONTRACTOR FROM THE ACCEPTANCE OF THE PROJECT BY THE OWNER.
23.	OWNER SHALL NOTIFY ARCHITECT OR ENGINEER OF RECORD (AOR/EOR), PRIOR TO CONSTRUCTION START DATE, FOR CONSTRUCTION OBSERVATION AND SUPPORT SERVICES.
24.	NO SCOPE OF ANY WORK SHALL BE ADDED OR DELETED FROM THE APPROVED DOCUMENTS WITHOUT NOTIFYING ARCHITECT OR ENGINEER OF RECORD (AOR/EOR) FOR APPROVAL. IF CHANGES ARE TO BE MADE, & FIELD CHANGE DOCUMENT (FCD) SHALL BE FILED BY THE AOR/EOR.
25.	IN CASES WHERE SLOPE PERCENTAGES AND DIMENSIONS ARE IDENTIFIED ON THESE PLANS FOR ELEMENTS REGULATED BY THE AMERICAN DISABILITIES ACT AND CHAPTER 11 OF THE INTERNATIONAL BUILDING CODE, THE SLOPE PERCENTAGES AND DIMENSIONS SHOWN MAY BE MORE STRINGENT THAN REQUIRED BY CODE. DIMENSIONS AND SLOPE GRADIENTS ALLOWED IN CHAPTER 11 OF THE IBC SHALL BE ACCEPTABLE AND DEEMED TO BE IN COMPLIANCE WITH THESE DOCUMENTS.
26.	CONTRACTOR IS TO ENSURE THAT ALL LOCATIONS OF ELECTRICAL & DATA BOXES, FLOOR-MOUNTED OR ON WALLS, ACCURATELY CORRESPOND WITH THE LOCATIONS OF OFFICE AND WORKSTATION FURNITURE AS PER THE CONSTRUCTION PLANS AND THE FURNITURE PLANS PROVIDED TO THE CONTRACTOR-OF-RECORD PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

GENERAL DEMOLITION NOTES

1. PROVIDE DEMOLITION WORK SHOWN ON THE DRAWINGS AND RELATED AND INCIDENTAL DEMOLITION WORK REQUIRED TO COMPLETE NEW CONSTRUCTION WORK.
2. FIELD VERIFY CONDITIONS, PRIOR TO START OF DEMOLITION OPERATIONS. BRING ANY DISCREPANCIES WHICH MAY SIGNIFICANTLY AFFECT DEMOLITION OR NEW CONSTRUCTION WORK TO THE ATTENTION OF THE ARCHITECT FOR REVIEW.
3. PROTECT EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING DEMOLITION AND / OR NEW CONSTRUCTION OPERATIONS. CONDUCT DEMOLITION OPERATIONS SO AS TO MINIMIZE THE DEVELOPMENT AND SPREAD OF DUST.
4. REMOVE DEMOLITION MATERIALS FROM SITE PROMPTLY AND DISPOSE OF LEGALLY OFF SITE.
5. PATCH AND REPAIR DAMAGE ARISING FROM DEMOLITION OPERATIONS TO MATCH EXISTING.
6. AT UNEVEN AREAS AND DEPRESSIONS IN EXISTING CONCRETE FLOOR CONSTRUCTION, PROVIDE CEMENTITIOUS UNDERLAYMENT AS REQUIRED TO PROVIDE SUITABLE BASE CONDITION FOR NEW FINISH(ES) AND NEW CONSTRUCTION.
13. COORDINATE TIMING AND HOURS OF DEMOLITION OPERATIONS WITH OWNER'S SCHEDULE.
14. MINIMIZE NOISE FROM DEMOLITION OPERATIONS PARTICULARLY WHEN CONDUCTED DURING REGULAR BUSINESS HOURS.
15. SAWCUT SLABS ON GRADE WHERE REQUIRED TO INSTALL NEW CONDUIT, PIPING, ETC. REFER ALSO TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS. PATCH AND REPAIR SLABS TO MATCH EXISTING.
16. CORE EXISTING FLOOR SLAB CONSTRUCTION WHERE REQUIRED FOR INSTALLATION OF REQUIRED CONDUIT, PIPING, ETC. REFER ALSO TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS. PROVIDE UL RATED ASSEMBLIES AT ALL SUCH CONDITIONS.
17. REFER TO PHASING DRAWINGS FOR ADDITIONAL INFORMATION ON THE SEQUENCE OF DEMOLITION WORK TO BE COMPLETED.
19. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDING AREAS. ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA.
20. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY SELECTIVE DEMOLITION AND NEW CONSTRUCTION OPERATIONS.





DIVISION OF THE STATE ARCHITECT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126161 INC.
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 06/03/2026

EL MONTE CITY SCHOOL DISTRICT
3540 N. LEXINGTON AVENUE
EL MONTE, CA 91731

BUREAU VERITAS
220 TECHNOLOGY DR., SUITE 100
IRVINE, CA 92618
Tel: (949) 860-4800
Fax: (949) 860-4810
www.BVNA.com

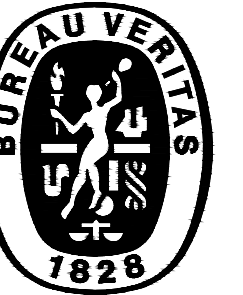
ARCHITECT:

CONSULTANT ENGINEERS:

Project:
EL MONTE CITY SCHOOL DISTRICT
WILKERSON ELEMENTARY SCHOOL
PLAYGROUND(S) REPLACEMENT PROJECT
2700 N. DOREEN AVENUE
EL MONTE, CA 91733

Date	Description
05/04/2026	BUILDING DEPARTMENT SUBMITTAL
05/22/2026	BACKCHECK SUBMITTAL

Job No. _____
Drawn By ES
Checked By MM
(E) WILKERSON
ELEMENTARY SCHOOL
OVERALL SITE PLAN
(FOR REFERENCE)
GN-2.0



**BUREAU
VERITAS**

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ARCHITECT:



CONSULTANT ENGINEERS:

EL MONTE CITY SCHOOL DISTRICT
WILKERSON ELEMENTARY SCHOOL
PLAYGROUND(S) REPLACEMENT PROJECT

2700 N. DORKEEN AVENUE
EL MONTE, CA 91733

BUILDING DEPARTMENT SUBMITTAL	05/04/2026
BACKCHECK SUBMITTAL	05/22/2026

b. No.	#
Drawn By	ES
Checked By	MM

PHOTOS
OF EXISTING
OUTDOOR ACTIVITY
AREAS/ STATIONS
@ PRIMARY AREA

GN-3.0



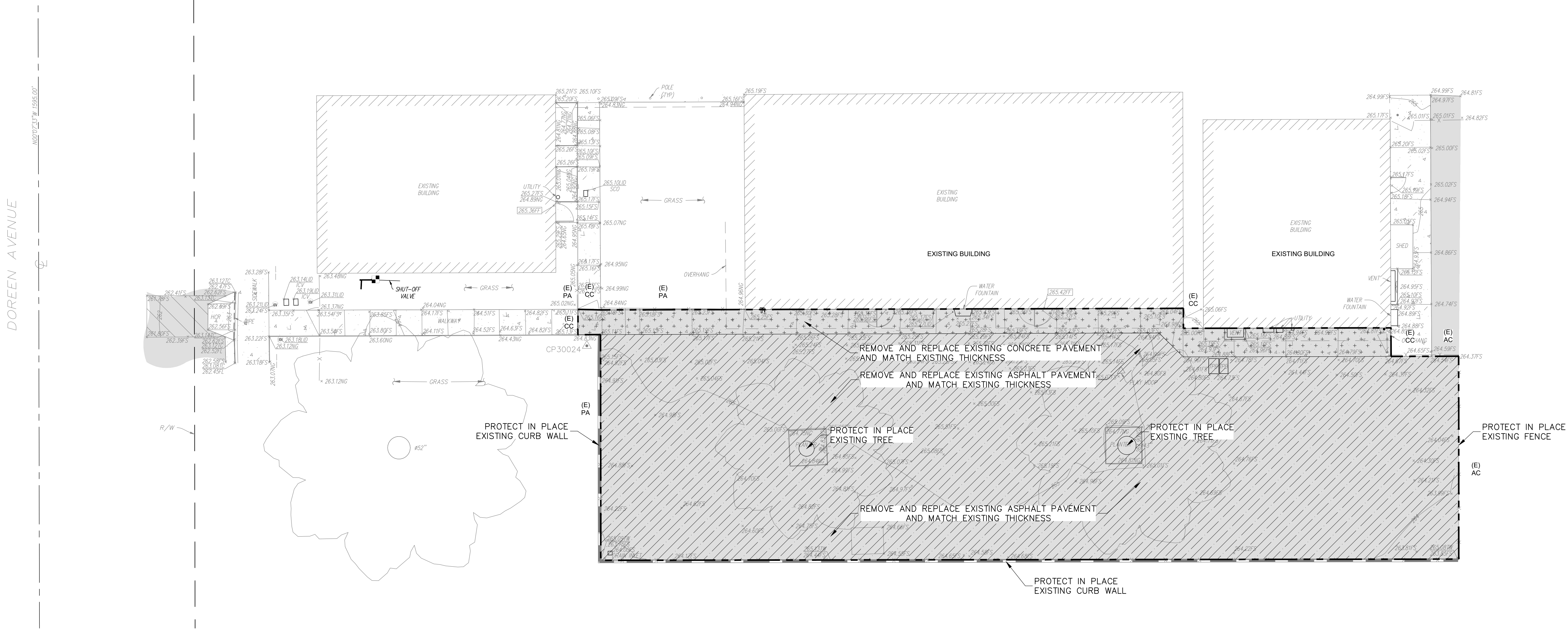
PHOTOS - EXISTING PAVEMENT MARKINGS: OUTDOOR ACTIVITY STATIONS

SCALE	3
N.T.S.	



PHOTOS - EXISTING PAVEMENT MARKINGS: OUTDOOR ACTIVITY STATIONS

SCALE	4
N.T.S.	



FOR REFERENCE ONLY

SURVEYOR'S LEGEND:

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONTROL POINT
- DOOR
- FOUND MONUMENT AS NOTED
- GAS METER
- GATE
- GUARD POST
- IRRIGATION CONTROL VALVE
- ROOF DRAIN
- SEWER CLEAN OUT
- SIGN
- TREE (TYPICAL)
- WATER FAUCET
- CENTERLINE
- DIAMETER OF EXISTING TREE
- FINISH FLOOR
- FINISH SURFACE
- FLOW LINE
- HANDICAP RAMP
- IRRIGATION CONTROL VALVE
- NATURAL GROUND
- SEWER CLEAN OUT
- RIGHT OF WAY
- TOP OF CURB
- TOP OF WALL
- TYPICAL
- BLOCK WALL
- CENTERLINE
- CHAIN LINK FENCE
- EDGE OF PAVEMENT
- FLOW LINE
- OVERHANG
- RIGHT-OF-WAY

SURVEY INFORMATION:

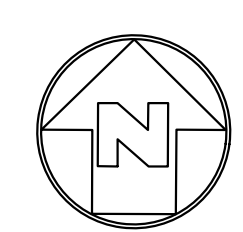
PREPARED FOR: BAREAU VERITAS 220 TECHNOLOGY DRIVE, SUITE 100, IRVINE, CA 92618	PREPARED BY: CALVADA SURVEYING, INC. 411 JENKS CIRCLE, SUITE 205, CORONA, CA 92878
BASIS OF BEARINGS: THE BASIS OF HORIZONTAL CONTROL FOR THIS PROJECT IS CALIFORNIA COORDINATE SYSTEM NAD83 ZONE 5, (2010.0) DETERMINED LOCALLY BY THE FOLLOWING N.G.S. CONTINUOUS OPERATING REFERENCE STATIONS (C.O.R.S.): N.G.S. C.O.R.S. VDCY: NORTHING = 1887436.95' EASTING = 6495130.62' N.G.S. C.O.R.S. TORP: NORTHING = 1748960.08' EASTING = 6461222.46'	BENCHMARK INFORMATION ELEVATIONS SHOWN HEREON ARE BASED UPON LOS ANGELES COUNTY BENCHMARK MG2570, ELEVATION 264.94 FEET (NAVD 88). DESCRIPTION: CSBM MON IN WELL 2FT S/O S OF 151FT E/O BCR & SE COR GARVEY AVE & CENTRAL AVE MKD (12-7 1952 RE 63).

SURVEYOR'S NOTES:

BURIED UTILITIES AND/OR PIPELINES SHOWN HEREON ARE PER VISIBLE AND APPARENT SURFACE EVIDENCE, RECORD DRAWINGS OF THE CONSTRUCTED UTILITY LINES OBTAINED FROM RELIABLE AND RESPONSIBLE SOURCES NOT CONNECTED WITH CALVADA SURVEYING, INC. OR MARKINGS PROVIDED BY AN INDEPENDENT LOCATING CONTRACTOR. NO GUARANTEE OR WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY OR THOROUGHNESS OF SUCH INFORMATION. IF MORE ACCURATE LOCATIONS OF UNDERGROUND UTILITIES OR PIPE LINES ARE REQUIRED, THE UTILITY OR PIPELINE WILL HAVE TO BE VERIFIED BY FIELD POTHOLING. CALVADA SURVEYING, INC. AND THE SURVEYOR OF RECORD SHALL NOT BE HELD LIABLE FOR THE LOCATION OF OR THE FAILURE TO NOTE THE LOCATION OF NON-VISIBLE UTILITIES OR PIPELINES.

LEGENDS:

- DISTURBED AREA
- LIMIT OF WORK

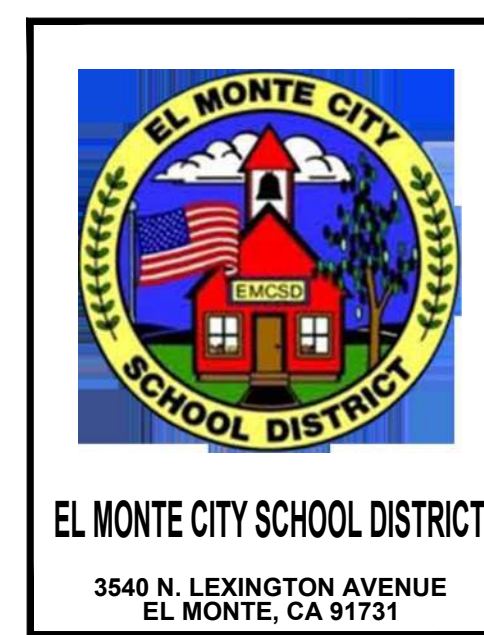


EXISTING TOPOGRAPHICAL SURVEY AND DEMOLITION PLAN

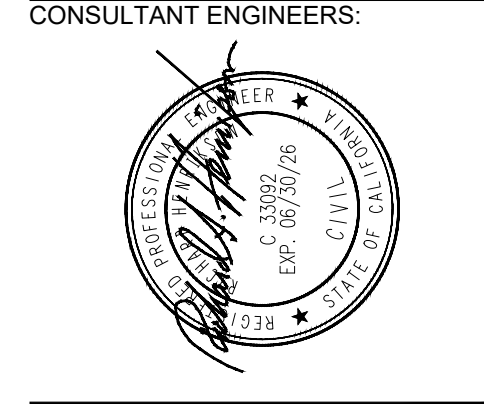
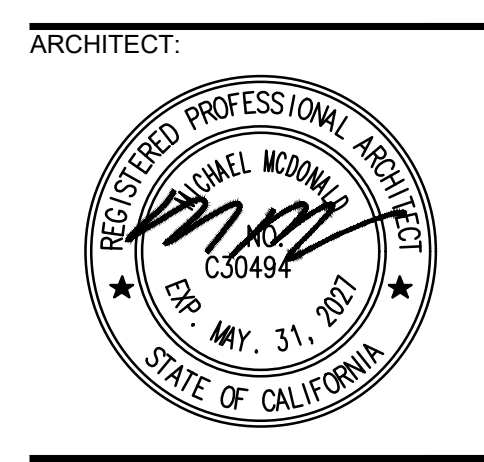


SCALE: 1"=10'

IDENTIFICATION STAMP
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SS ☒ FLS ☒ ACS ☒
DATE: 06/03/2026



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220 TECHNOLOGY DR., SUITE 100
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www.BVNA.com



Project: EL MONTE CITY SCHOOL DISTRICT
WILKERSON ELEMENTARY SCHOOL
PLAYGROUNDS REPLACEMENT PROJECT

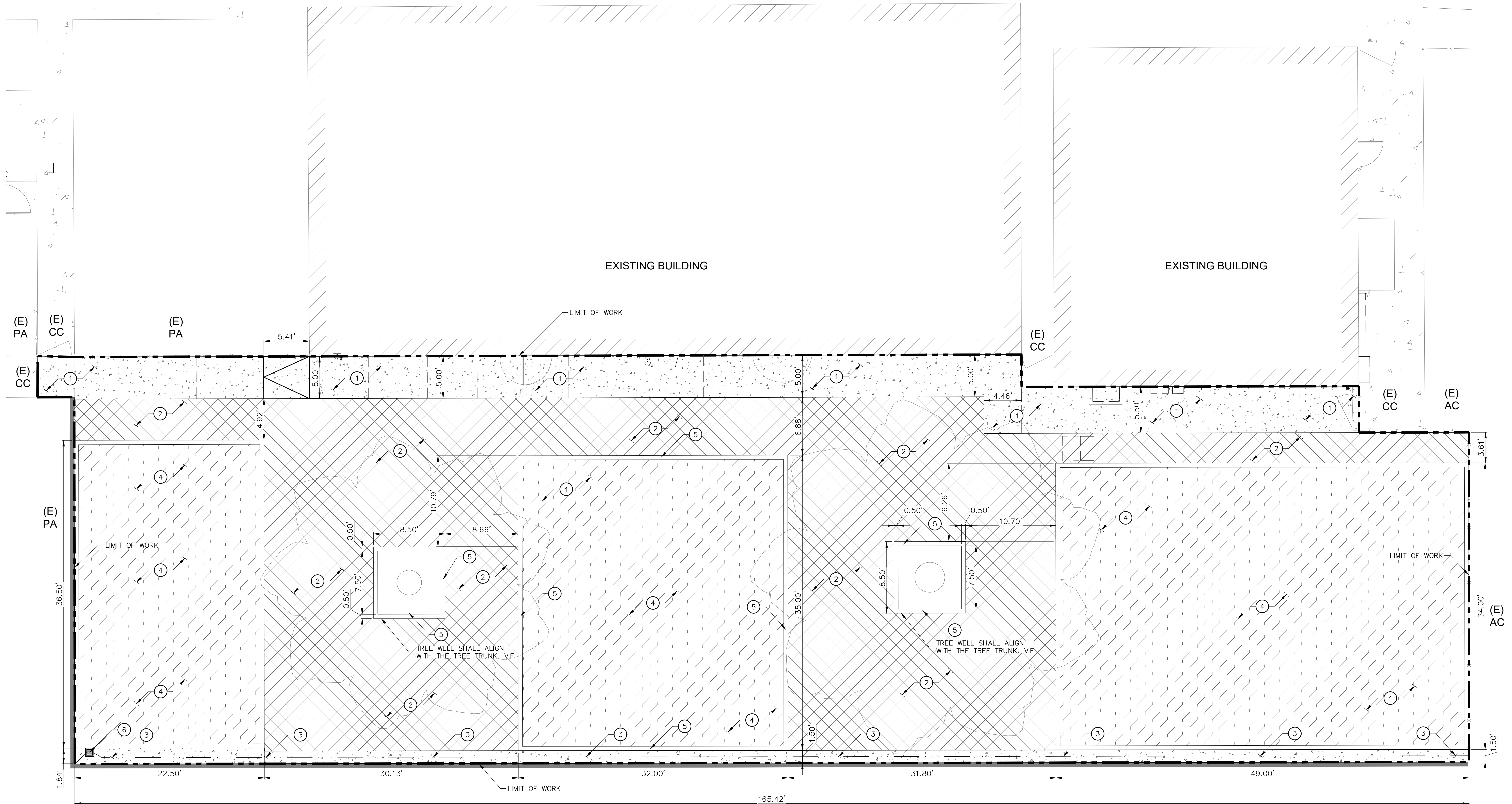
2700 N. DOREEN AVENUE
EL MONTE, CA 91733

Description	Date
95% CONSTRUCTION DOCUMENTS - CLIENT SUBMITTAL	05/01/2026

Job: No.	#
Drawn By	MM
Checked By	MM

EXISTING TOPOGRAPHICAL SURVEY AND DEMOLITION PLAN

C1.10



CONSTRUCTION NOTES:

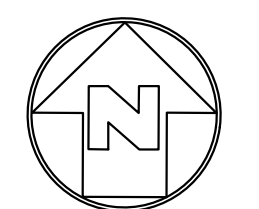
1. CONSTRUCT NEW CONCRETE PAVEMENT AND BASE TO MATCH EXISTING THICKNESS PER DETAIL 1 ON SHEET C4.00.
2. CONSTRUCT NEW AC SURFACING AND CRUSHED AGGREGATE BASE (CAB) TO MATCH EXISTING PER DETAIL 2 ON SHEET C4.00.
3. CONSTRUCT 18" WIDE CONCRETE V-GUTTER PER DETAIL 4 SHEET C4.00.
4. RUBBER PLAY SURFACE AND ASSOCIATED CONCRETE EDGE BY OTHERS REFER TO ARCHITECTURAL DRAWINGS.
5. CONSTRUCT ROOT CONTROL BARRIER PER DETAIL 6 ON SHEET C4.00.
6. ADJUST EXISTING CATCH BASIN TO NEW GRADE AND ADD FILTER INSERT.

LEGEND:

- | | |
|--|-------------------------------|
| | CONCRETE PAVEMENT |
| | AC PAVEMENT |
| | RUBBER PLAY SURFACE BY OTHERS |
| | EXISTING BLDG |

SHEET NOTES:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEETS C1.00.
2. REFER TO ARCHITECTURAL DRAWINGS FOR OTHER SITE DIMENSIONS AND IMPROVEMENTS NOT SHOWN ON THIS DRAWING.



SITE CONTROL
PLAN



SCALE: 1"=5'

DIVISION OF THE STATE ARCHITECT

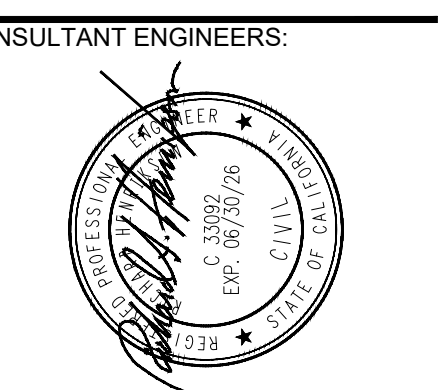
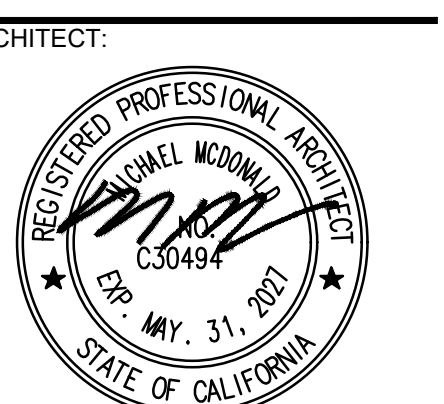
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126161 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 06/03/2026



EL MONTE CITY SCHOOL DISTRICT
3540 N. LEXINGTON AVENUE
EL MONTE, CA 91731



BUREAU
VERITAS
220 TECHNOLOGY DR., SUITE 100
IRVINE, CA 92618
Tel: (949) 860-4800
Fax: (949) 860-4810
www.BVNA.com



Project: EL MONTE CITY SCHOOL DISTRICT
WILKERSON ELEMENTARY SCHOOL
PLAYGROUNDS REPLACEMENT PROJECT

2700 N. DOREEN AVENUE
EL MONTE, CA 91733

Description	Date
95% CONSTRUCTION DOCUMENTS - CLIENT SUBMITTAL	05/01/2026

Job No.
Drawn By
Checked By

SITE CONTROL
PLAN

C2.00



ARCHITECT



EL MONTE CA 91733

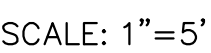
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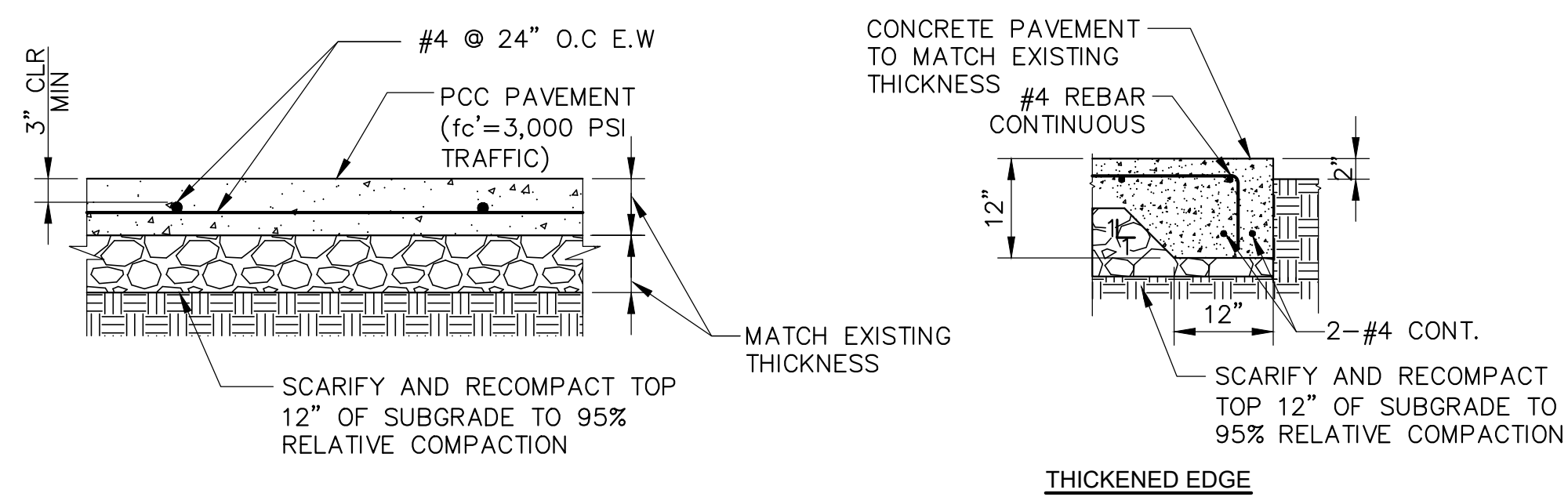
Job. No. _____

Drawn By _____

Checked By _____

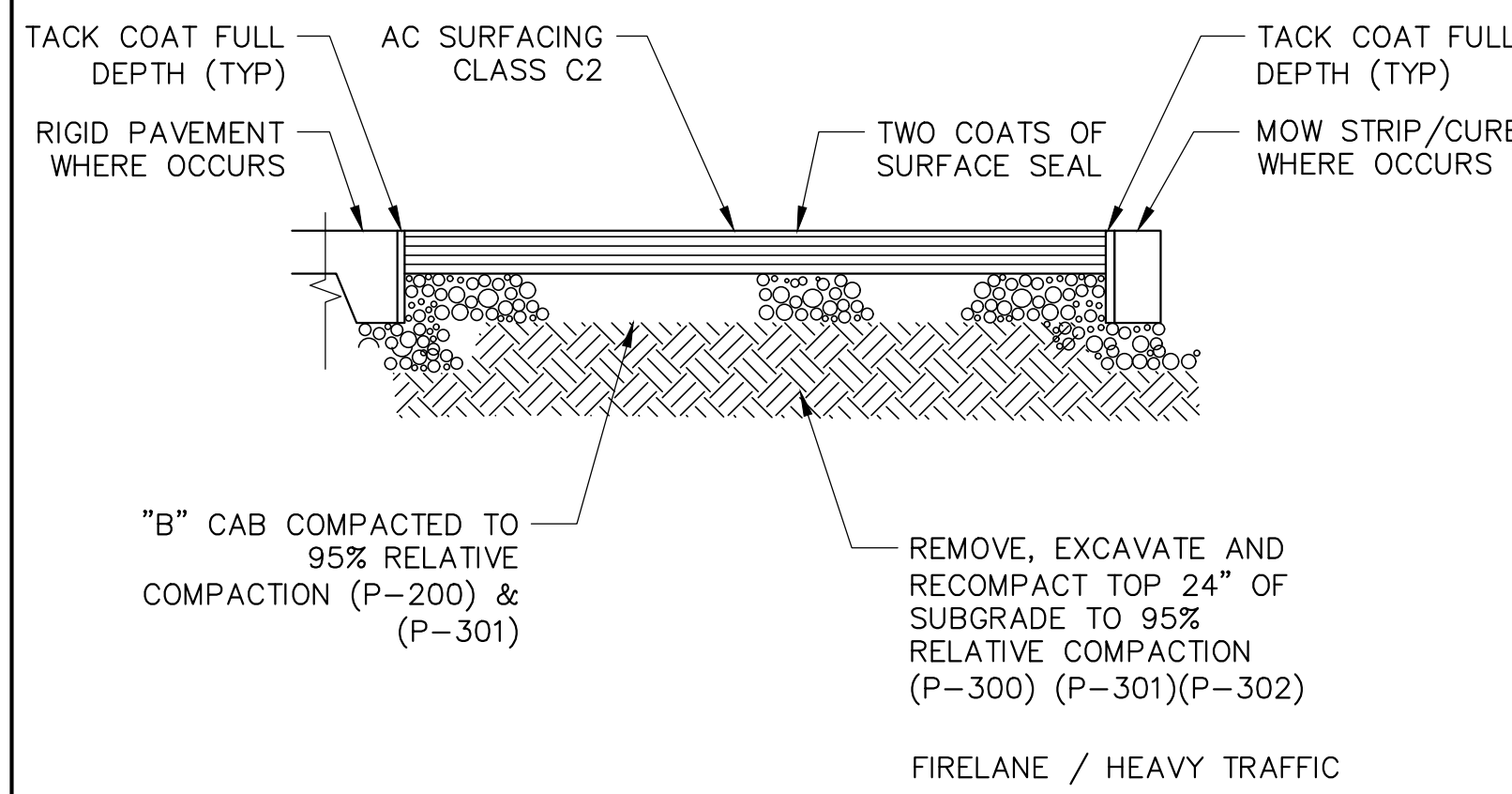
C3.00





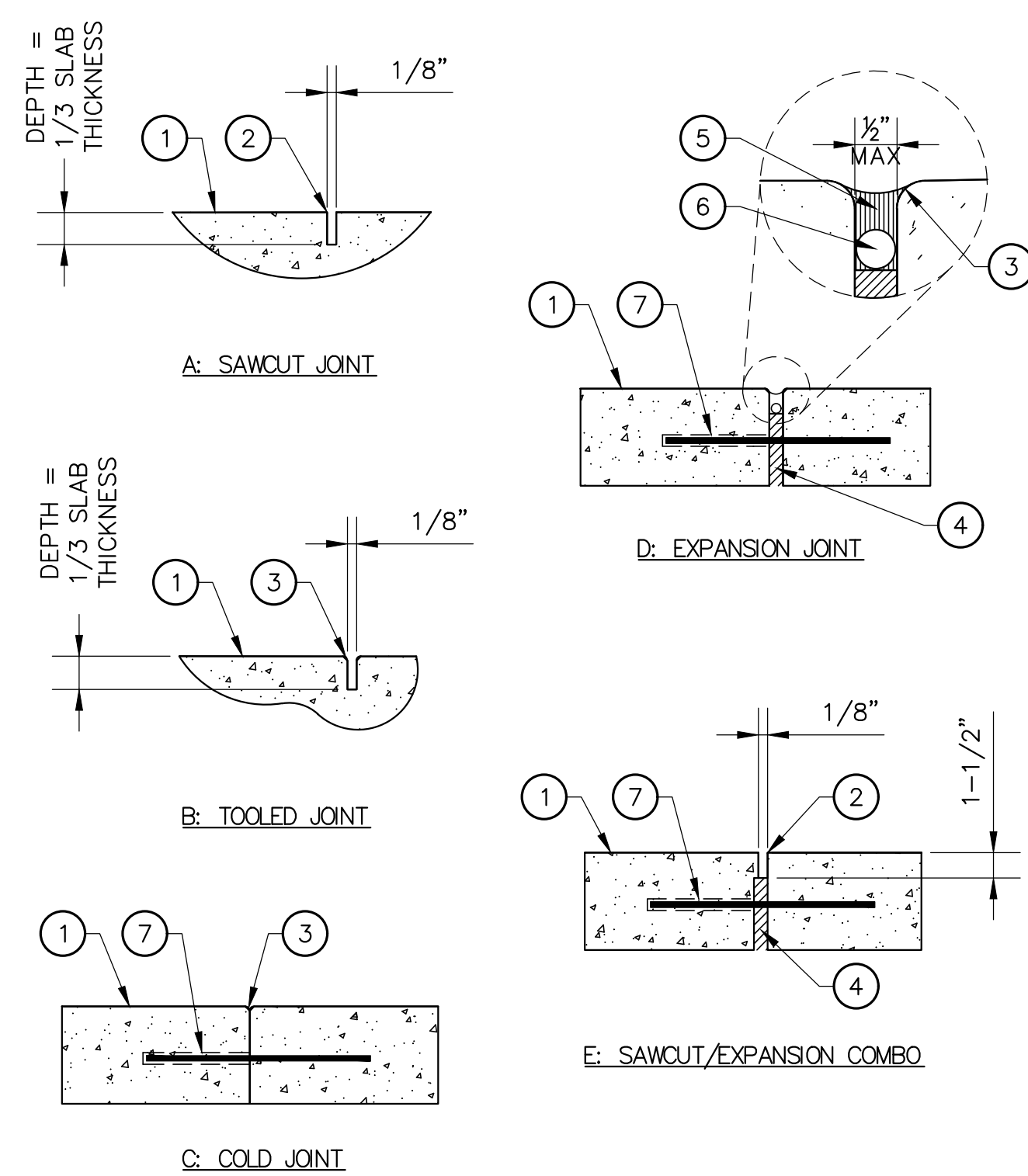
NOTES:

1. CONCRETE, $f_c' = 3000$ psi @ 28 DAYS, FOR TRAFFIC ONLY.
2. REBARS, $f_y = 60,000$ psi ASTM A615.
3. FOR WPJ CONSTRUCTION JOINTS AND PATTERN, REFER TO ARCHITECTURAL AND LANDSCAPE DRAWINGS AND SPECIFICATIONS.
4. PAVING SHALL HAVE A MEDIUM BROOM FINISH ON ALL SURFACES LESS THAN 6% AND A HEAVY BROOM FINISH ON ALL SURFACES GREATER THAN 6%.
5. CONCRETE, $f_c' = 2500$ PSI @ 28 DAYS, FOR NON TRAFFIC.
6. CRACK CONTROL JOINTS SHOULD BE SPACED @ INTERVALS NOT GREATER THAN 10' USING SAWCUTS AND EXTEND MINIMUM OF 1/4 THE SLAB THICKNESS.
7. FOR FINISH SURFACES, COLOR INTEGRATION, EXPANSION JOINTS AND OTHER PAVEMENT SURFACE FEATURES, SEE ARCHITECTURAL & LANDSCAPE DRAWINGS.
8. PROVIDE $\frac{1}{2}$ " EXPANSION JOINT AT THE BUILDING.
9. FOR PAVEMENT SUBJECT TO VEHICULAR TRAFFIC, OVEREXCAVATE THE UPPER 2FT OF EXISTING SUBGRADE OR TO A DEPTH THAT PROVIDES 2FT OF COMPACTED FILL BENEATH PAVEMENT SECTION, WHICHEVER IS DEEPER.



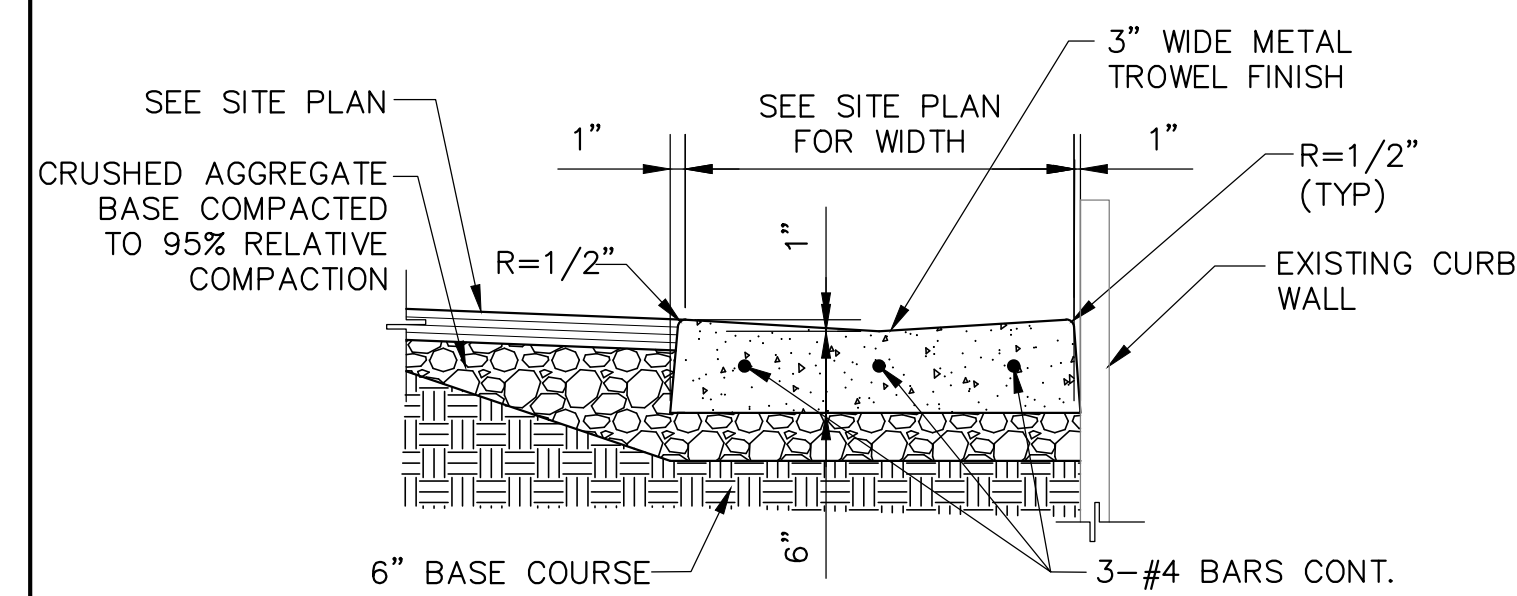
NOTES:

1. FOR PAVEMENT JOINT REFER TO DETAIL 5 ON THIS SHEET.
2. THE EXISTING GRADE IN THIS AREA SHOULD BE REMOVED AND RECOMPACTED A MINIMUM OF TWELVE INCHES (12") BELOW THE PROPOSED SUBGRADE ELEVATION.



LEGENDS:

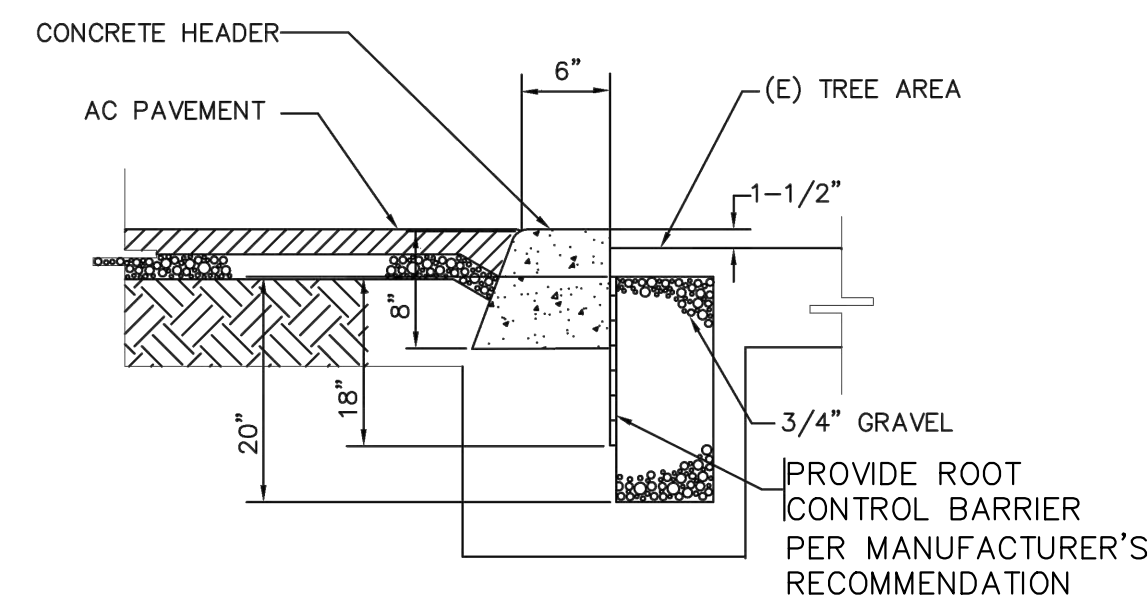
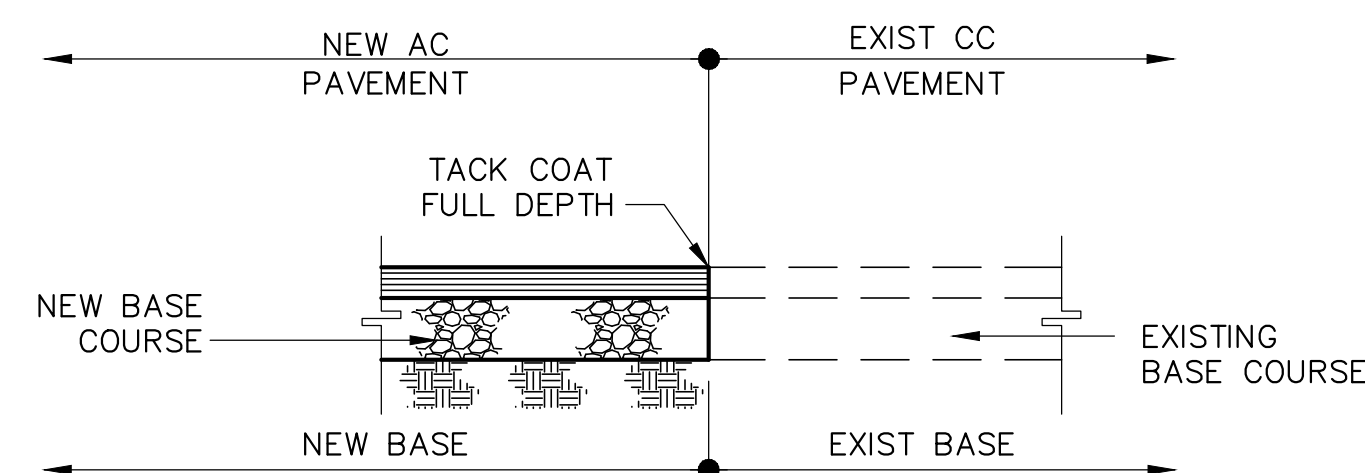
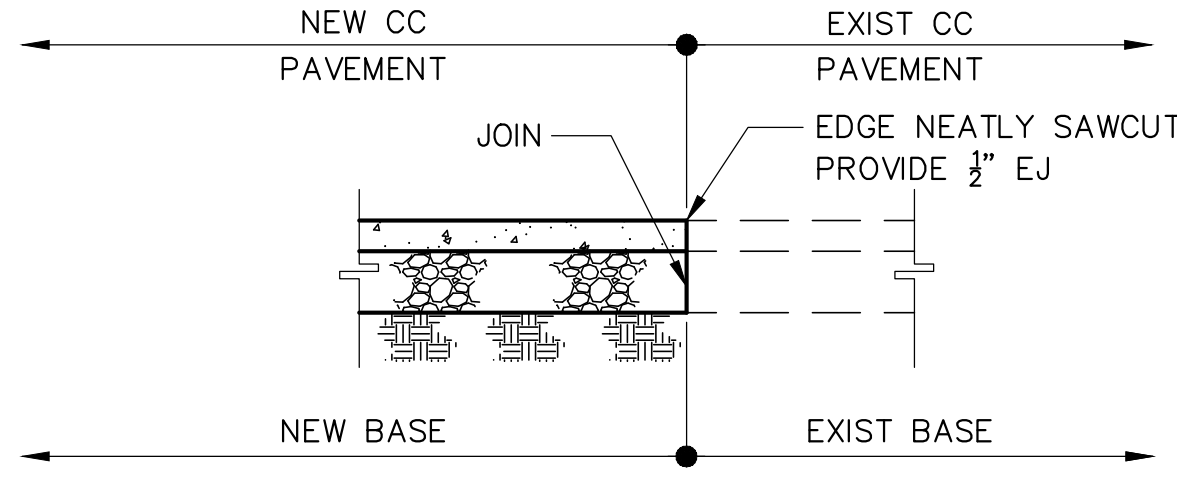
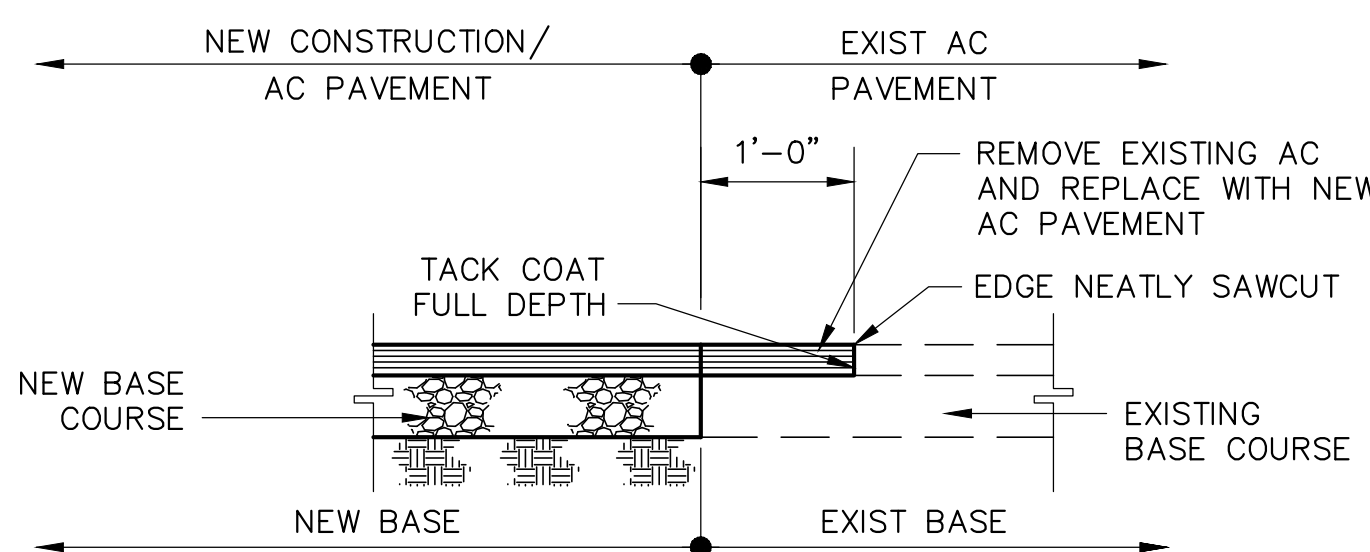
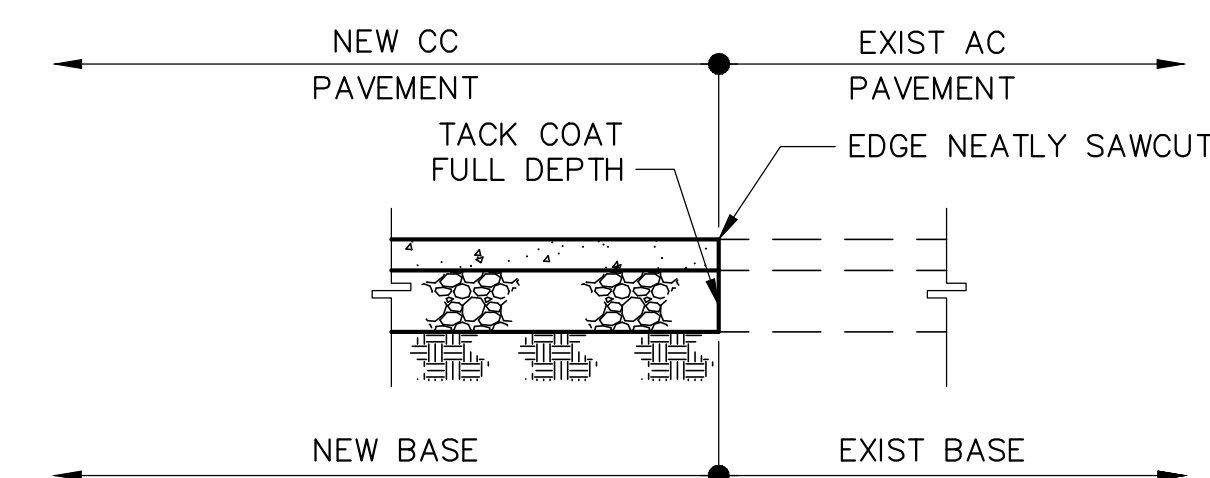
1. PAVING FINISH SURFACE.
2. SAWCUT.
3. 1/8" R. @ EDGES. TYP.
4. PREMOLDED E.J. FILLER.
5. JOINT SEALANT. COLOR TO BE SELECTED BY ARCHITECT.
SUBMIT COLOR SAMPLES
PRIOR TO INSTALLATION.
6. BACKER ROD.
7. 18" x 4" REBAR W/ 'SPEED
DOWEL' @ 36" O.C., CENTER
IN JOINT. AT COLD JOINTS
& E.J.'S.
8. CONTROL JOINTS 20 O.C
W/ON COORDINATE WITH
LANDSCAPE DRAWING FOR
JOINT LOCATIONS.
9. CONTRACTOR TO SUBMIT
SHEET DRAWINGS OF
CONTROL JOINT AND
EXPANSION JOINT LAYOUT.



NOTES:

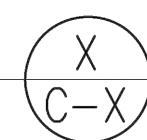
1. PROVIDE EDGED CONTROL JOINTS @ 15' O.C. & EDGED EXPANSION JOINTS @ 30' O.C. PER DETAIL 9/C5.00.
2. CONCRETE, F_y=3,500 PSI @ 28 DAYS PER SSPWC.
3. REBARS, F_y=60,000 PSI ASTM A615, GRADE 60.
4. PROVIDE 1/2" EXPANSION JOINT WHERE NEW CONCRETE WALK/PAVEMENT ABUTS ANOTHER RIGIDSTRUCTURE

1 ASPHALT PAVEMENT DETAIL
NOT TO SCALE



ROOT CONTROL BARRIER DETAIL

ADJOINING AC PAVEMENT
NOT TO SCALE



NOTES:

1. PROVIDE 8" MIN DIAMETER FOR STENCIL.
2. STENCIL IN BLUE PAINT NEAR ALL CATCH BASIN DRAINS TO READ "NO DUMPING, DRAINS TO OCEAN".
3. STENCILS MAY BE PURCHASED AT THE LOCAL COUNTY BUILDING AND SAFETY OFFICE AT 626-458-6390.

5	PAVEMENT JOINT DETAIL NOT TO SCALE
---	---------------------------------------

6	ROOT CONTROL BARRIER DETAIL NOT TO SCALE
---	---

7	NO DUMPING STENCIL NOT TO SCALE
---	------------------------------------

DIVISION OF THE STATE ARCHITECT


IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP: 03-126161 INC:

REVIEWED FOR

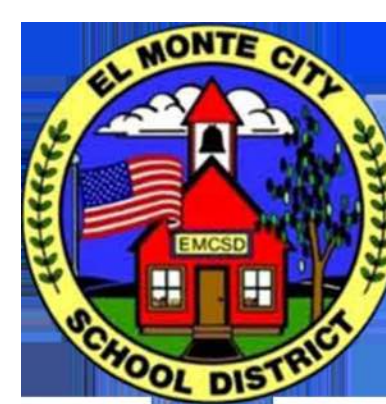
SS ☒ FLS ☒ ACS ☒

DATE: 06/03/2026

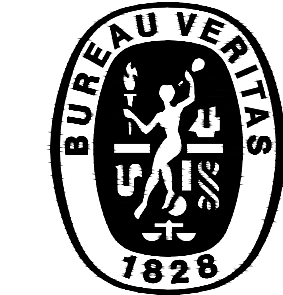


EL MONTE CITY SCHOOL DISTRICT

3540 N. LEXINGTON AVENUE
EL MONTE, CA 91731



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BUREAU
VERITAS

220 TECHNOLOGY DR., SUITE 100
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ARCHITECT:



CONSULTANT ENGINEERS:



Project:

EL MONTE CITY SCHOOL DISTRICT
WILKERSON ELEMENTARY SCHOOL
PLAYGROUNDS(S) REPLACEMENT PROJECT

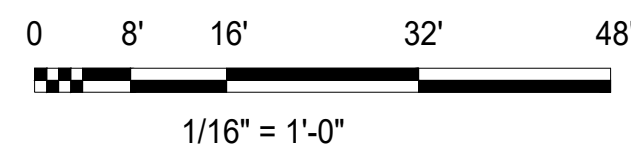
2700 N. DOREEN AVENUE
EL MONTE, CA 91733

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Job. No.	#
Drawn By	BR
Checked By	BR

MISCELLANEOUS DETAILS

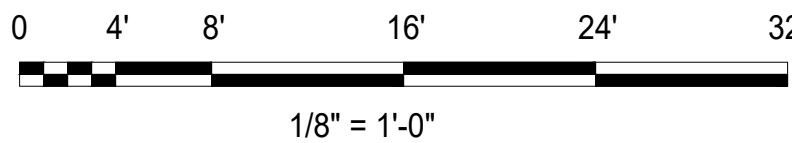
C4.00



1
AD-1.0



SCALE	2
N.T.S.	



Scale: 1/8" = 1'-0"

1
AD-1.1



(E) PLAYGROUND - AREA PROJECT SCOPE OF WORK

03.00	(E) CONCRETE MOW CURB TO REMAIN
11.00	DEMOLISH (E) PLAYGROUND EQUIPMENT COMPLETELY INCLUDING ITS ASSOCIATED SUPPORTS & ANCHOR ANCHOR ATTACHMENTS
11.01	DEMOLISH (E) PLAYGROUND FLOOR MAT ASSEMBLY INCLUDING ITS ASSOCIATED CONCRETE SUB-BASE & DRAINAGE SYSTEM
32.00	(E) AC PAVEMENT TO REMAIN

1. REFER TO PLAYGROUND EQUIPMENT DRAWINGS BY MIRACLE PLAYGROUNDS SALES, INC FOR ADDITIONAL INFORMATION.

1. DEMOLITION OF (E) PLAYGROUND EQUIPMENT & ITS ASSOCIATED SUPPORTS & ANCHOR ATTACHMENTS BY MANUFACTURER 'MIRACLE PLAYGROUNDS SALES, INC.'
2. DEMOLITION OF (E) 'PLAYGROUND' FLOOR MAT & ITS ASSOCIATED CONCRETE SUB-BASE & DRAINAGE SYSTEM BY MANUFACTURER 'MIRACLE PLAYGROUNDS SALES, INC.'

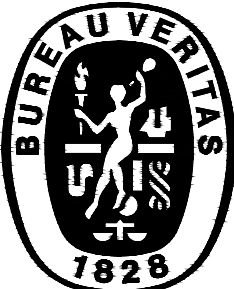
DIVISION OF THE STATE ARCHITECT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

PP: 03-126161 INC:
REVIEWED FOR

☒ FLS ☐ ACS ☒

DATE: 06/03/2026



**BUREAU
VERITAS**
220 TECHNOLOGY DR., SUITE 100
IRVINE CA 92618
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ARCHITECT:



CONSULTANT ENGINEERS

Project: EL MONTE CITY SCHOOL DISTRICT
WILKERSON ELEMENTARY SCHOOL
PLAYGROUND(S) REPLACEMENT PROJECT

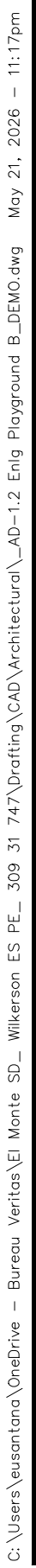
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EL MONTE, CA 91733

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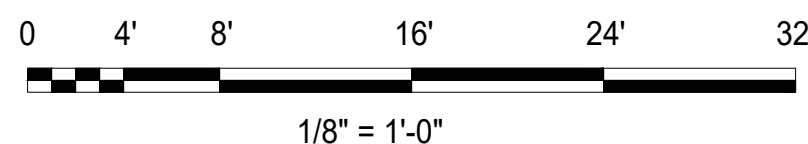
Job. No.	
Drawn By	ES
Checked By	MM

(E) PRIMARY AREA
PLAYGROUND 'A'
ENLARGED
DEMOLITION PLAN

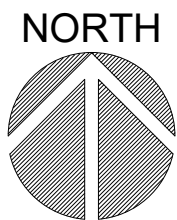
AD-1.1



SCALE
N.T.S.



Scale: 1/8" = 1'-0"



03.20	DEMOLISH (E) CONCRETE WALK - REFER TO CIVIL DRAWINGS FOR EXTENTS OF WORK
04.20	(E) RETAINING CMU WALL TO REMAIN
08.20	DEMOLISH (E) CHAIN LINK GATE & GATE HARDWARE
09.20	DEMOLISH (E) CERAMIC WALL TILE & ITS ASSOCIATED THINSET COMPLETELY AT (E) DRINKING FOUNTAIN
09.21	INFILL HOLES, PATCH & REPAIR WALL SURFACE AREA WHERE TILE HAS BEEN REMOVED AFTER INSTALLATION OF THE (N) PLUMBING WORK & (N) WOOD BLOCKING; CLEAN & PREP WALL SURFACE TO RECEIVE (N) CERAMIC WALL TILE ASSEMBLY
11.20	DEMOLISH (E) PLAYGROUND EQUIPMENT COMPLETELY INCLUDING ITS ASSOCIATED SUPPORTS & ANCHOR ANCHOR ATTACHMENTS
11.21	DEMOLISH (E) 'PLAYGROUND' FLOOR MAT ASSEMBLY INCLUDING ITS ASSOCIATED CONCRETE SUB-BASE & DRAINAGE SYSTEM
11.22	(E) PLAY EQUIPMENT TO REMAIN
22.20	DEMOLISH (E) WATER BOTTLE FILLING STATION AND ITS ASSOCIATED FITTINGS, VALVES, SUPPORTS AND ANCHORAGES. TEMPORARILY CAP EXISTING WATER AND WASTE PIPES INSIDE WALL FOR RECONNECTION. VERIFY EXACTLY EXISTING WATER AND WASTE PIPE SIZES AND EXACTLY EXISTING WATER AND WASTE PIPE LOCATION IN FIELD
32.20	DEMOLISH (E) AC PAVEMENT - REFER TO CIVIL DRAWINGS FOR EXTENTS OF WORK
32.21	(E) CHAIN LINK FENCE TO REMAIN - PROTECT IN PLACE
32.22	(E) TREE TO REMAIN - PROTECT IN PLACE
32.23	(E) 'PAVEMENT MARKINGS' TO BE RE-STRIPED ON (N) AC PAVEMENT
32.24	(E) UTILITY BOX TO REMAIN

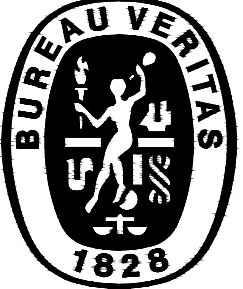
1. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

1. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

1. DEMOLITION OF (C) PLAYGROUND EQUIPMENT & ITS ASSOCIATED SUPPORTS & ANCHOR ATTACHMENTS BY MANUFACTURER 'MIRACLE PLAYGROUNDS SALES, INC.'
2. DEMOLITION OF (E) 'PLAYGROUND' FLOOR MAT & ITS ASSOCIATED CONCRETE SUB-BASE & DRAINAGE SYSTEM BY MANUFACTURER 'MIRACLE PLAYGROUNDS SALES, INC.'



EL MONTE CITY SCHOOL DISTRICT
3540 N. LEXINGTON AVENUE
EL MONTE, CA 91731



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ARCHITECT:



CONSULTANT ENGINEERS:

Project:
EL MONTE CITY SCHOOL DISTRICT
WILKERSON ELEMENTARY SCHOOL
PLAYGROUNDS REPLACEMENT PROJECT
2700 N. DOREEN AVENUE
EL MONTE, CA 91733

Description	Date
BUILDING DEPARTMENT SUBMITTAL	05/04/2026
BACKCHECK SUBMITTAL	05/22/2026

Job No.	#
Drawn By	ES
Checked By	MM

PRIMARY
OUTDOOR ACTIVITY
AREA ENLARGED
RECONSTRUCTION PLAN

A-1.0

LEGEND

'PRIMARY' PLAYGROUND AREA - REFER TO SHEET A-1.1 FOR SCOPE OF WORK THIS AREA

KEYNOTES

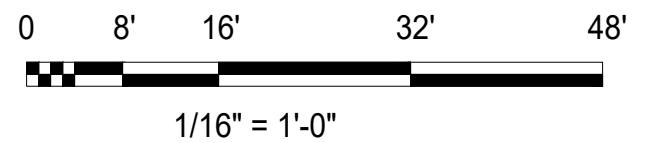
- [03.110] (N) ACCESSIBLE CONCRETE WALK AT 5% MAX. SLOPE IN THE RUN DIRECTION & 2% MAX. CROSS SLOPE
- [05.110] (E) LUNCH SHELTER STRUCTURE TO REMAIN
- [05.111] (N) ACCESSIBLE STAINLESS STEEL PROTECTION RAIL BY AMERICAN SPECIALTIES, MODEL #3875
- [06.110] (E) BUILDING TO REMAIN
- [06.111] (E) CANOPY TO REMAIN
- [06.112] (E) ACCESSIBLE 'STAFF' RESTROOM: UPGRADE (E) RESTROOMS TO COMPLY WITH CURRENT ACCESSIBILITY REQUIREMENTS & BUILDING CODES - REFER TO SHEET GN-2.0 FOR SCOPE OF WORK
- [06.113] (E) ACCESSIBLE 'STUDENT' RESTROOM: UPGRADE (E) RESTROOMS TO COMPLY WITH CURRENT ACCESSIBILITY REQUIREMENTS & BUILDING CODES - REFER TO SHEET GN-2.0 FOR SCOPE OF WORK
- [08.110] RETROFIT (E) CHAIN LINK GATE TO RECEIVE (N) HARDWARE & (N) KICK PLATE; (N) GATE HARDWARE: ACCESSIBLE COMPLIANT LEVER, HEAVY DUTY SELF-CLOSING HINGE, & PANIC BAR
- [09.110] (N) CERAMIC WAINSCOT TILE @ (N) DRINKING FOUNTAIN OVER (N) THINSET OVER (E) EXTERIOR CEMENT PLASTER; WAINSCOT TILE TO MATCH (E) 4'-0" HEIGHT V.I.F.
- [09.111] INFILL HOLES, PATCH & REPAIR WALL SURFACE AREA WHERE TILE HAS BEEN REMOVED AFTER INSTALLATION OF THE (N) PLUMBING WORK & (N) WOOD BLOCKING; CLEAN & PREP WALL SURFACE TO RECEIVE (N) CERAMIC WALL TILE ASSEMBLY
- [10.110] FURNISH & INSTALL (N) ISA SIGN ON (N) GATE
- [22.110] FURNISH & INSTALL (N) ACCESSIBLE HI-LO DRINKING FOUNTAIN WITH WATER BOTTLE FILLING STATION AT THE SAME LOCATION OF THE EXISTING DEMOLISHED DRINKING FOUNTAIN. RECONNECT 1/2" CW AND 2" W FROM THE NEW DRINKING FOUNTAIN BACK TO THE EXISTING 1/2" CW AND EXISTING 2" W STUB-OUT INSIDE WALL. VERIFY EXACTLY EXISTING WATER AND WASTE PIPE SIZES. EXACTLY EXISTING WATER AND WASTE PIPE LOCATION, AND EXACTLY P.O.C. IN FIELD - REFER TO DETAILS 1 & 11 ON SHEET A-11.1
- [32.110] (E) PRIMARY PLAYGROUND AREA 'A', SEE SHEET A-1.1 FOR SCOPE OF WORK
- [32.111] (E) AC PAVEMENT TO REMAIN
- [32.112] RE-STRIPE 'PAVEMENT MARKINGS' PLAY STATION(S) AT OUTDOOR ACTIVITY AREA AFTER INSTALLATION OF (N) SOLAR REFLECTIVE COLOR COATING SYSTEM
- [32.113] (E) LAWN TO REMAIN
- [32.114] (E) PARKING LOT - REFER TO SHEET GN-2.0 FOR SCOPE OF WORK THIS AREA
- [32.115] (N) SOLAR REFLECTIVE COLOR COATING OVER (E) AC PAVEMENT
- [32.116] (N) 'PAVEMENT MARKINGS' PICKLEBALL COURT - REFER TO DETAIL 14/A-11.0
- [32.117] (N) SLOPED CONCRETE WALK @ 5% MAX. SLOPE IN THE RUN DIRECTION & 2% MAX. CROSS-SLOPE TO CONNECT TO (E) CONCRETE WALK

SHEET NOTES

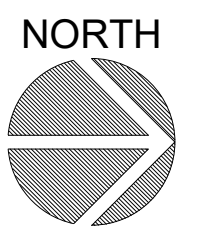
- GENERAL CONTRACTOR TO SURVEY (E) PAVEMENT MARKINGS/ PLAY STATIONS AT 'PRIMARY' OUTDOOR ACTIVITY AREA PRIOR TO INSTALLATION OF (N) COATING SYSTEM - PAVEMENT MARKINGS/ PLAY STATIONS TO BE RE-STRIPPED AFTER INSTALLATION OF (N) SOLAR REFLECTIVE COLOR COATING SYSTEM OVER (E) AC PAVEMENT.
- REFER TO SHEET GN-3.0 FOR PHOTOS OF EXISTING CONDITIONS.
- REFER TO SHEET A-2.0 FOR SOLAR REFLECTIVE COLOR COATING LAYOUT AND PROPOSED COLOR SELECTIONS - OWNER TO REVIEW AND APPROVE LAYOUT AND PROPOSED COLOR SELECTIONS.
- REFER TO SHEET A-11.0 FOR ELEMENTARY PLAY STATION STANDARD DETAILS - OWNER TO REVIEW AND APPROVE PROPOSED LAYOUTS AND CONFIGURATIONS.

PRIMARY OUTDOOR ACTIVITY AREA ENLARGED RECONSTRUCTION PLAN

Scale: 1/16" = 1'-0"



1
A-1.0



KEYNOTES

- [03.100] (E) CONCRETE MOW CURB TO REMAIN
- [11.100] (N) PLAYGROUND EQUIPMENT; INSTALLATION, SUPPORTS & ANCHOR ATTACHMENTS BY MANUFACTURER 'MIRACLE PLAYGROUNDS SALES, INC.'
- [11.101] (N) 'PLAYGROUND' FLOOR MAT TILE ASSEMBLY OVER (N) CONCRETE SUB-BASE AND (N) DRAINAGE SYSTEM; INSTALLATION BY MANUFACTURER 'MIRACLE PLAYGROUNDS SALES, INC.'
- [11.102] (N) DSA P.C. 04-123739 SHADE STRUCTURE; NEW CONCRETE FOOTINGS, SUPPORTS, ANCHORAGE & INSTALLATION BY 'MIRACLE PLAYGROUNDS SALES, INC.' MANUFACTURER
- [32.100] (E) AC PAVEMENT TO REMAIN

SHEET NOTES

- REFER TO PLAYGROUND EQUIPMENT DRAWINGS BY 'MIRACLE PLAYGROUNDS SALES, INC.' FOR PLAYGROUND EQUIPMENT CONFIGURATION AND SPECIFICATIONS.
- NEW PLAYGROUND EQUIPMENT & ITS ASSOCIATED SUPPORTS & ANCHOR ATTACHMENTS BY 'MIRACLE PLAYGROUNDS SALES, INC.' MANUFACTURER.
- NEW 'PLAYGROUND' FLOOR MAT TILE ASSEMBLY & ITS ASSOCIATED CONCRETE SUB-BASE & DRAINAGE SYSTEM BY 'MIRACLE PLAYGROUNDS SALES, INC.' MANUFACTURER.
- NEW DSA P.C. 04-123739 SHADE STRUCTURE & ITS ASSOCIATED CONCRETE FOOTINGS & ANCHOR ATTACHMENTS BY 'MIRACLE PLAYGROUNDS SALES, INC.' MANUFACTURER.
- REFER TO MANUFACTURER'S DRAWINGS 'MIRACLE PLAYGROUNDS SALES, INC.' FOR PLAYGROUND EQUIPMENT & FLOOR MAT TILE CONFIGURATION & SPECIFICATIONS.

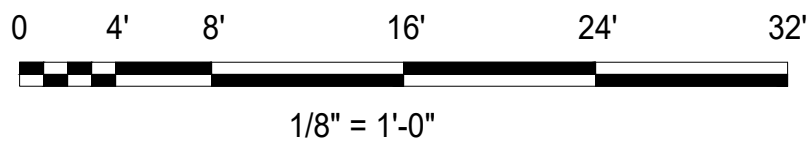
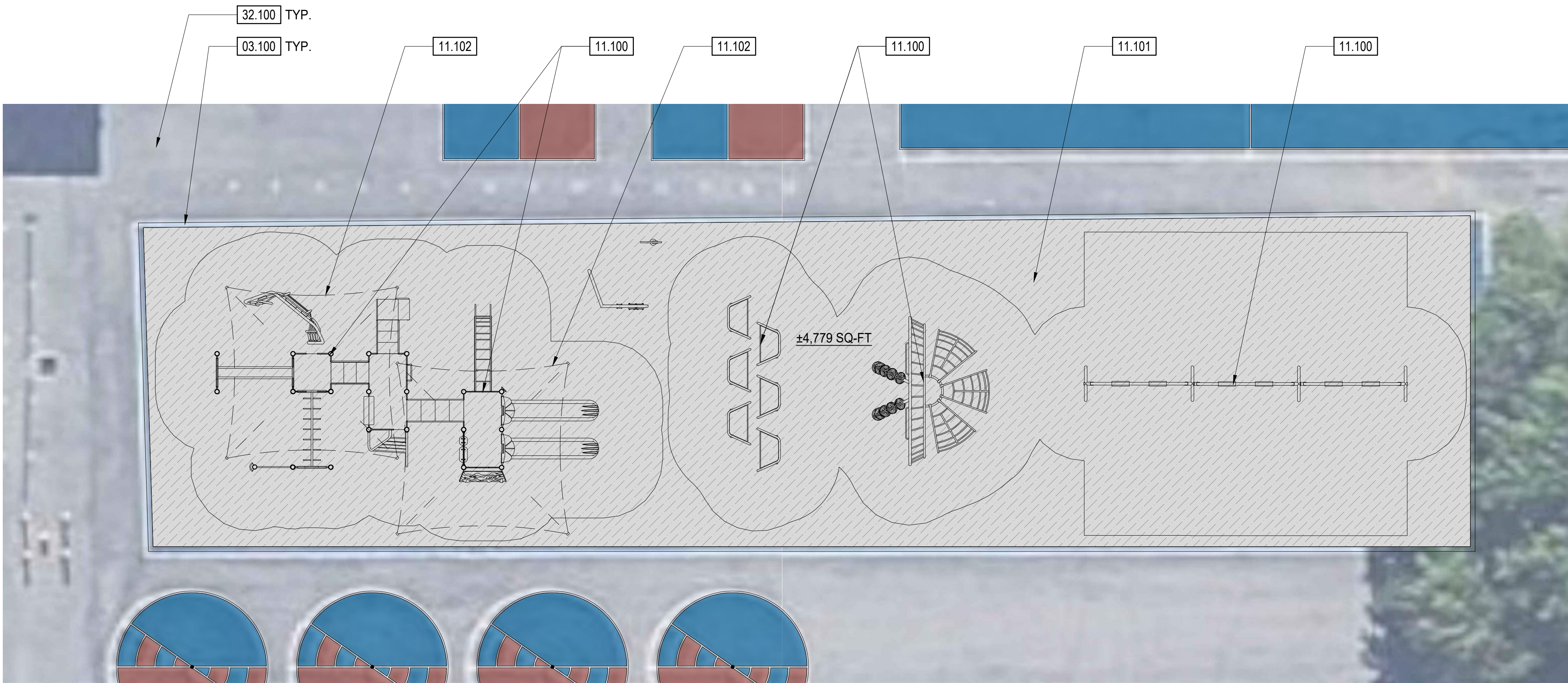
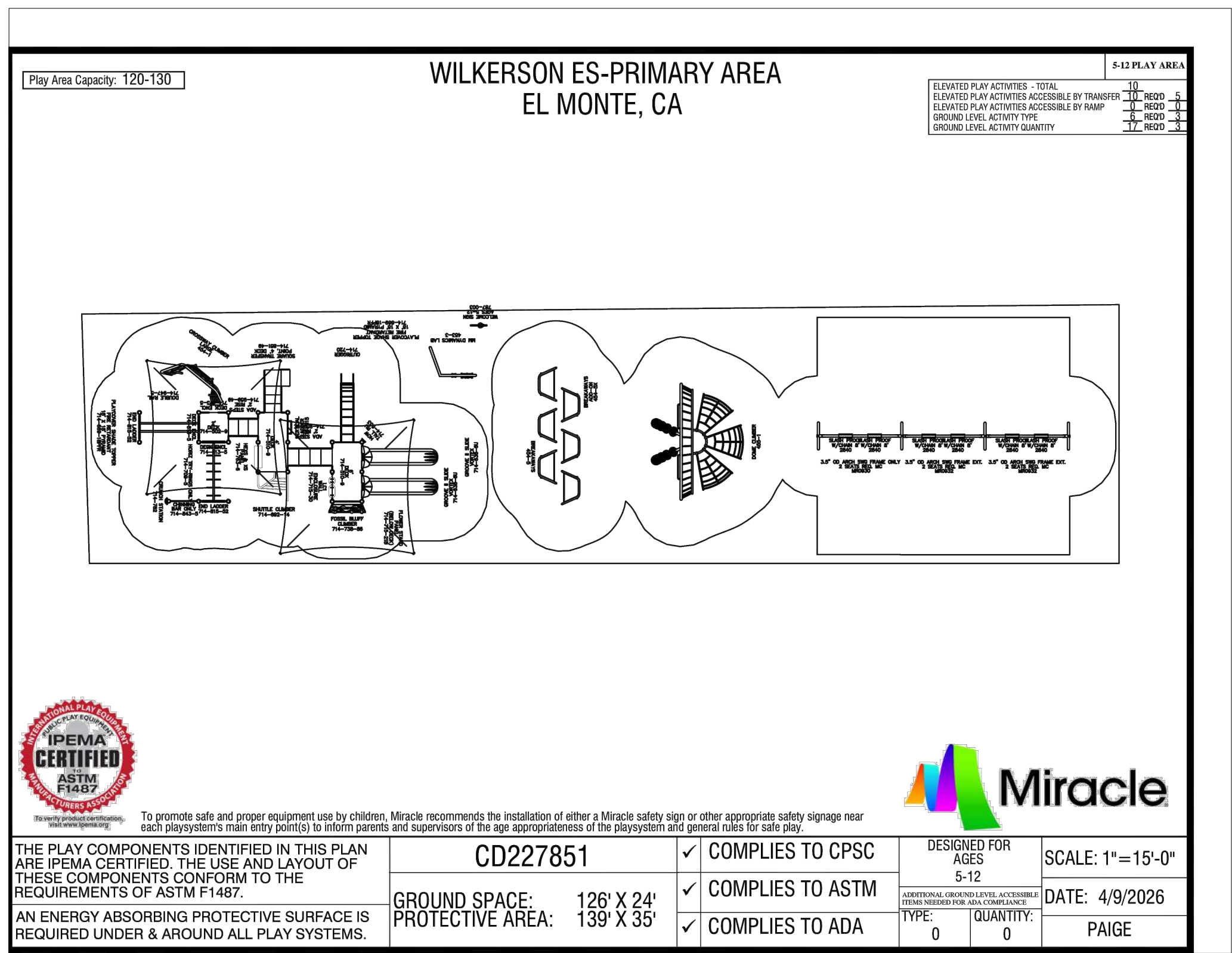
'ACCESSIBLE' NOTES TO PLAYGROUND EQUIPMENT MANUFACTURER

PLAY AREAS 11B-240.
PG1) WHERE SEPARATE PLAY AREAS ARE PROVIDED FOR SPECIFIC AGE GROUPS, EACH PLAY AREA SHALL COMPLY WITH CBC SECTION 11B-240.
PG2) IDENTIFY ALL GROUND LEVEL AND ELEVATED PLAY COMPONENTS. PROVIDE AND IDENTIFY ACCESSIBLE GROUND LEVEL AND ELEVATED PLAY COMPONENTS PER CBC SECTION 11B-240.2 AND TABLE 11B-240.2.1.2.
PG3) PROVIDE ACCESSIBLE ROUTES TO ALL ACCESSIBLE PLAY COMPONENTS PER CBC SECTION 11B-1008.2 AND CBC SECTION 11B-1008.2.4. TRANSFER SYSTEMS MAY BE USED PER CBC SECTION 11B-1008.2.1 EXCEPTIONS.
PG4) RAMPS CONNECTING PLAY COMPONENTS SHALL COMPLY WITH CBC SECTION 11B-1008.2.5.
PG5) TRANSFER PLATFORMS FOR TRANSFER FROM WHEELCHAIRS OR OTHER MOBILITY AIDS SHALL COMPLY WITH CBC SECTION 11B-1008.3.1.
PG6) TRANSFER STEPS FOR MOVEMENT FROM TRANSFER PLATFORMS TO LEVELS WITH ELEVATED PLAY COMPONENTS SHALL COMPLY WITH CBC SECTION 11B-1008.3.2.
PG7) SHOW A CLEAR FLOOR OR GROUND SPACE PER CBC SECTION 1008.4.2 AND A TURNING SPACE PER CBC SECTIONS 11B-1008.4.1 FOR ALL GROUND LEVEL PLAY COMPONENTS ON AN ACCESSIBLE ROUTE AND FOR ALL ELEVATED PLAY COMPONENTS CONNECTED BY RAMPS.
PG8) GROUND SURFACES ON ACCESSIBLE ROUTES, CLEAR FLOOR OR GROUND SPACES, AND TURNING SPACES SHALL COMPLY WITH CBC SECTION 11B-1008.2.6. FOR ACCESSIBILITY; GROUND SURFACES SHALL COMPLY WITH ASTM F 1951 AND SHALL BE INSPECTED AND MAINTAINED REGULARLY AND FREQUENTLY TO ENSURE CONTINUED COMPLIANCE. IDENTIFY GROUND SURFACES LOCATED WITHIN USE ZONES. GROUND SURFACES WITHIN USE ZONES SHALL COMPLY WITH ASTM F 1292.
PG9) WHERE PLAY TABLES ARE PROVIDED, THEY SHALL COMPLY WITH CBC SECTION 11B-1008.4.3.

CBC CHAPTER 2 DEFINITIONS:
"ELEVATED PLAY COMPONENT" A PLAY COMPONENT THAT IS APPROACHED ABOVE OR BELOW GRADE AND THAT IS PART OF A COMPOSITE PLAY STRUCTURE CONSISTING OF TWO OR MORE PLAY COMPONENTS ATTACHED OR FUNCTIONALLY LINKED TO CREATE AN INTEGRATED UNIT PROVIDING MORE THAN ONE PLAY ACTIVITY.
"GROUND LEVEL PLAY COMPONENT" A PLAY COMPONENT THAT IS APPROACHED AND EXITED AT THE GROUND LEVEL.



NOTE: THE INTENT OF THIS IMAGE IS TO SHOW THE PROPOSED PLAYGROUND EQUIPMENT CONFIGURATION - REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION.



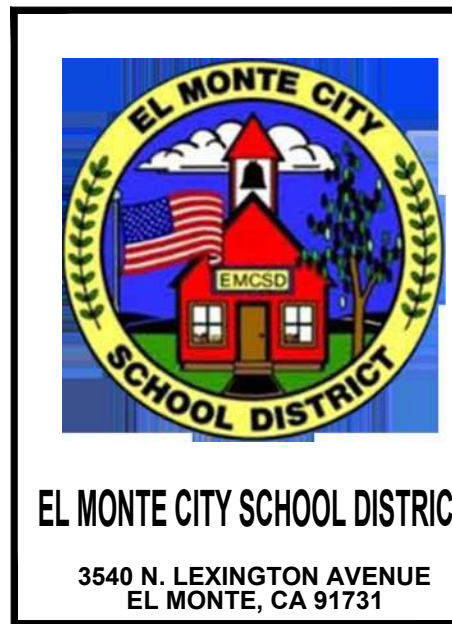
PRIMARY AREA - PLAYGROUND 'A'
ENLARGED RECONSTRUCTION FLOOR PLAN
Scale: 1/8" = 1'-0"

1
A-1.1



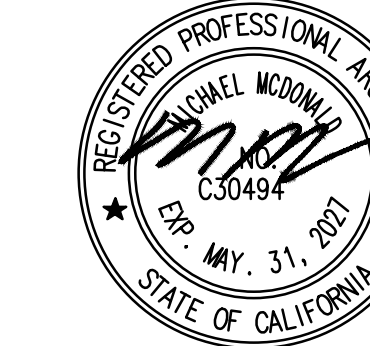
DIVISION OF THE STATE ARCHITECT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126161 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 06/03/2026



BUREAU VERITAS
220 TECHNOLOGY DR., SUITE 100
IRVINE, CA 92618
Tel: (949) 860-4800
Fax: (949) 860-4810
www.BVNA.com

ARCHITECT:



CONSULTANT ENGINEERS:

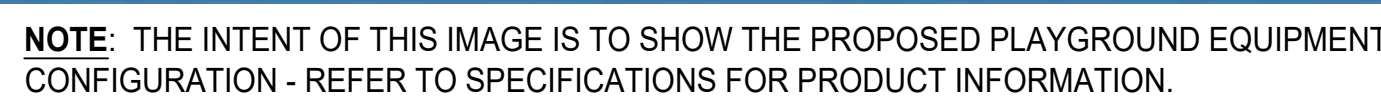
Project: EL MONTE CITY SCHOOL DISTRICT
WILKERSON ELEMENTARY SCHOOL
PLAYGROUNDS) REPLACEMENT PROJECT

Description	Date
BUILDING DEPARTMENT SUBMITTAL	05/04/2026
BACKCHECK SUBMITTAL	05/22/2026

Job: No. #
Drawn By: PR
Checked By: MM

PRIMARY AREA
PLAYGROUND 'A'
ENLARGED
RECONSTRUCTION PLAN

A-1.1



03.120	(N) CONCRETE CURB BY 'MIRACLE' PLAYGROUND EQUIPMENT MANUFACTURER - (N) CONCRETE CURB TO BE FLUSHED/LEVEL WITH ADJACENT (N) AC PAVEMENT & (N) 'PLAYGROUND' FLOOR MAT TILE ASSEMBLY
03.121	(N) ACCESSIBLE COMPLIANT CONCRETE WALK WITH 2% MAX. CROSS SLOPE - REFER TO CIVIL DRAWINGS FOR EXTENTS OF WORK. SEE TO DETAIL 1/C4.00
03.122	(E) RETAINING CMU WALL TO REMAIN
03.123	(N) 18" WIDE CONCRETE V-GUTTER - REFER TO CIVIL DRAWINGS. SEE DETAIL 4/C4.00
03.124	(N) ROOT CONTROL CONCRETE BARRIER FLUSHED WITH ADJACENT AC PAVEMENT SURFACE - REFER TO CIVIL DRAWINGS. SEE DETAIL 6/C4.00
05.120	(N) ACCESSIBLE STAINLESS STEEL PROTECT RAIL BY AMERICAN SPECIALTIES, MODEL #3875
08.120	(N) ACCESSIBLE COMPLIANT CHAIN LINK GATE WITH (N) GATE HARDWARE
09.120	(N) CERAMIC WAINSCOT TILE @ (N) DRINKING FOUNTAIN OVER (N) THINSET OVER (E) EXTERIOR CEMENT PLASTER, WAINSCOT TILE TO MATCH (E) 4'-0" HEIGHT V.I.F.
09.121	INFILL HATCH, PATCH & REPAIR WALL SURFACE AREA WHERE TILE HAS BEEN REMOVED AFTER INSTALLATION OF THE (N) PLUMBING WORK & (N) WOOD BLOCKING; CLEAN & PREP WALL SURFACE TO RECEIVE (N) CERAMIC WALL TILE ASSEMBLY
11.120	(N) PLAYGROUND EQUIPMENT: INSTALLATION, SUPPORTS & ANCHORAGE BY 'MIRACLE' PLAYGROUND EQUIPMENT MANUFACTURER
11.121	(N) PLAYGROUND FLOOR MAT TILE ASSEMBLY OVER (N) CONCRETE SUB-BASE & (N) FRENCH DRAIN INSTALLATION BY 'MIRACLE' PLAYGROUND EQUIPMENT MANUFACTURER
11.122	(N) DSA P.C. 4-1233739 SHADE STRUCTURE: NEW CONCRETE FOOTINGS, SUPPORTS, ANCHORAGE & INSTALLATION BY 'MIRACLE PLAYGROUNDS SALES, INC.' MANUFACTURER
11.123	(E) PLAYGROUND EQUIPMENT TO REMAIN
22.120	FURNISH & INSTALL (N) ACCESSIBLE COMPLIANT DRINKING FOUNTAIN AT THE SAME LOCATION OF THE EXISTING DISHED DRINKING FOUNTAIN AT KINDERGARTEN MOUNTING HEIGHT, RECONNECT 1/2" CWJ AND 2" W FROM THE NEW DRINKING FOUNTAIN BACK TO THE EXISTING 1/2" CWJ AND EXISTING 2" W STUB-OUT INSIDE WALL. VERIFY EXACTLY EXISTING WATER AND WASTE PIPE SIZES, EXACTLY EXISTING WATER AND WASTE PIPE LOCATION, AND EXACTLY P.O.C. IN FIELD - REFER TO DETAILS 3, 4 & 7 ON SHEET A-11.1
22.121	ADJUST EXISTING CATCH BASIN TO NEW GRADE AND ADD FILTER INSERT - REFER TO CIVIL DRAWINGS SHEET C2.00
32.120	PROVIDE (N) SOLAR REFLECTIVE COLOR COATING OVER (N) AC PAVEMENT
32.121	(N) AC PAVEMENT @ 2% MAX. CROSS SLOPE; (N) AC PAVEMENT SURFACE TO SLOPE TO DRAIN - REFER TO CIVIL DRAWINGS. SEE TO DETAIL 2/C4.00
32.122	(E) CHAIN LINK FENCE TO REMAIN - PROTECT IN PLACE
32.123	(E) TREE TO REMAIN - PROTECT IN PLACE
32.124	(N) PAVEMENT MARKINGS - RE-STRIP (E) STARS - FOR CONFIGURATION SEE DEMOLITION PLAN SHEET AD-1.2
32.125	(E) UTILITY BOX TO REMAIN

1. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

1. NEW PLAYGROUND EQUIPMENT & ITS ASSOCIATED SUPPORTS & ANCHOR ATTACHMENTS BY MANUFACTURER 'MIRACLE PLAYGROUNDS SALES, INC.'
2. NEW 'PLAYGROUND' FLOOR MAT TILE ASSEMBLY & ITS ASSOCIATED CONCRETE SUB-BASE & DRAINAGE SYSTEM BY MANUFACTURER 'MIRACLE PLAYGROUNDS SALES, INC.'
3. NEW CONCRETE MOW CURB AROUND PLAYGROUND AREAS, TYPICAL OF THREE, BY MANUFACTURER 'MIRACLE PLAYGROUNDS SALES, INC.'
4. NEW DSA P.C. 04-123739 SHADE STRUCTURE & ITS ASSOCIATED CONCRETE FOOTINGS & ANCHOR ATTACHMENTS BY 'MIRACLE PLAYGROUNDS SALES, INC.' MANUFACTURER.
5. REFER TO MANUFACTURER'S DRAWINGS 'MIRACLE PLAYGROUNDS SALES, INC.' FOR PLAYGROUND EQUIPMENT & FLOOR MAT TILE CONFIGURATION & SPECIFICATIONS.
6. REFER TO SHEET A-2.2 FOR SOLAR REFLECTIVE COLOR COATING LAYOUT AND PROPOSED COLOR SELECTIONS - OWNER TO REVIEW AND APPROVE LAYOUT AND PROPOSED COLOR SELECTIONS.
7. REFER TO SHEET A-11.0 FOR ELEMENTARY PLAY STATION STANDARD DETAILS - OWNER TO REVIEW AND APPROVE PROPOSED LAYOUTS AND CONFIGURATIONS.

PLAY AREAS 11B-240.

P61) WHERE SEPARATE PLAY AREAS ARE PROVIDED FOR SPECIFIC AGE GROUPS, EACH PLAY AREA SHALL COMPLY WITH CBC SECTION 11B-240.

P62) IDENTIFY ALL GROUND LEVEL AND ELEVATED PLAY COMPONENTS. PROVIDE AND IDENTIFY ACCESSIBLE GROUND LEVEL AND ELEVATED PLAY COMPONENTS PER CBC SECTION 11B-240.2 AND TABLE 11B-240.2.1.2.

P63) PROVIDE ACCESSIBLE ROUTES TO ALL ACCESSIBLE PLAY COMPONENTS PER CBC SECTION 11B-1008.2 AND CBC SECTION 11B-1008.2.4. TRANSFER SYSTEMS MAY BE USED PER CBC SECTION 11B-1008.2.1 EXCEPTIONS.

P64) RAMPS CONNECTING PLAY COMPONENTS SHALL COMPLY WITH CBC SECTION 11B-1008.2.5

P65) TRANSFER PLATFORMS FOR TRANSFER FROM WHEELCHAIRS OR OTHER MOBILITY AIDS SHALL COMPLY WITH CBC SECTION 11B-1008.3.1.

P66) TRANSFER STEPS FOR MOVEMENT FROM TRANSFER PLATFORMS TO LEVELS WITH ELEVATED PLAY COMPONENTS SHALL COMPLY WITH CBC SECTION 11B-1008.3.2

P67) SHOW A CLEAR FLOOR OR GROUND SPACE PER CBC SECTION 1008.4.2 AND A TURNING SPACE PER CBC SECTIONS 11B-1008.4.1 FOR ALL GROUND LEVEL PLAY COMPONENTS ON AN ACCESSIBLE ROUTE AND FOR ALL ELEVATED PLAY COMPONENTS CONNECTED BY RAMPS.

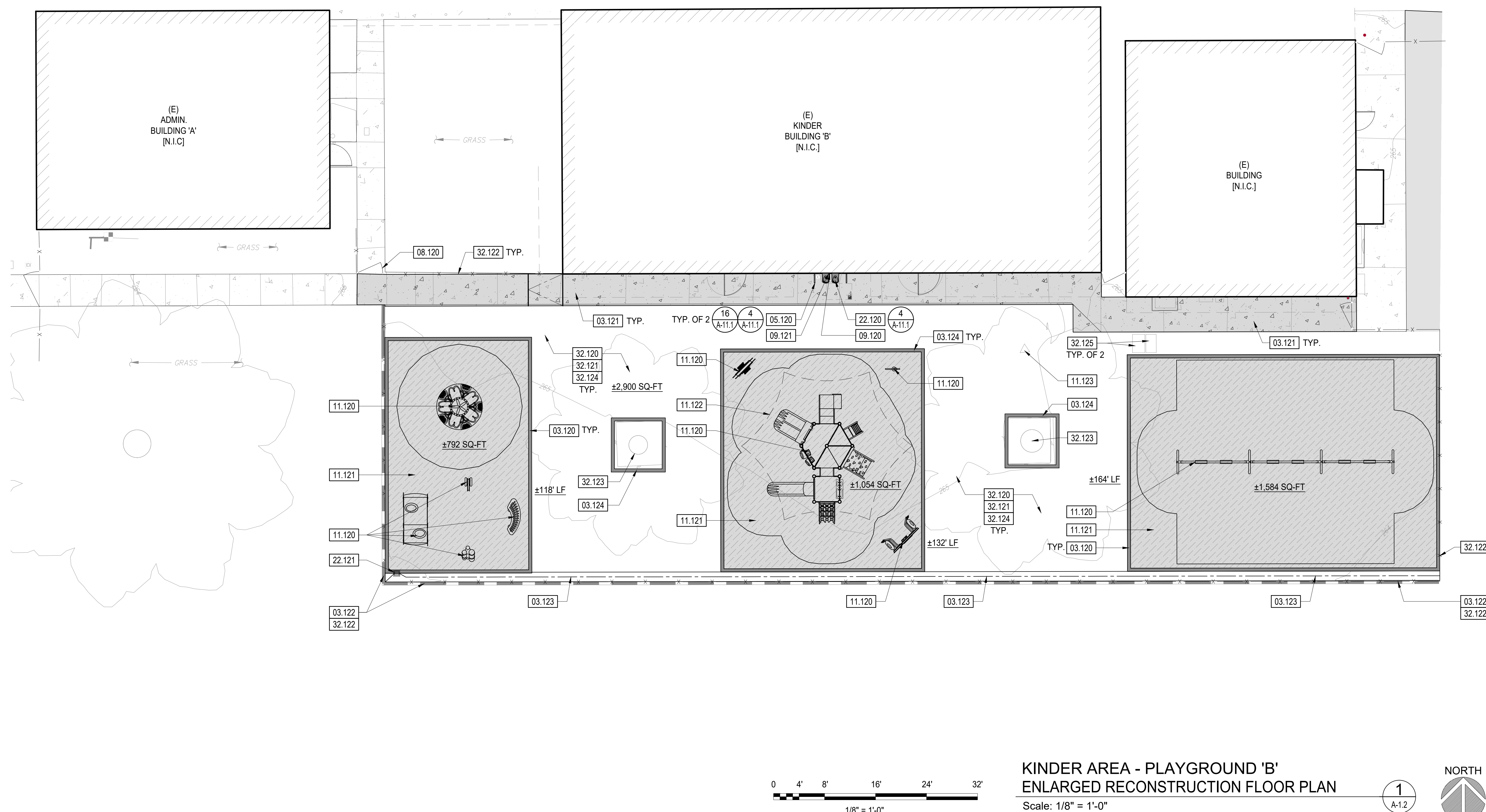
P68) GROUND SURFACES ON ACCESSIBLE ROUTES, CLEAR FLOOR OR GROUND SPACES, AND TURNING SPACES SHALL COMPLY WITH CBC SECTION 11B-1008.2.6. FOR ACCESSIBILITY; GROUND SURFACES SHALL COMPLY WITH ASTM F 1951 AND SHALL BE INSPECTED AND MAINTAINED REGULARLY AND FREQUENTLY TO ENSURE CONTINUED COMPLIANCE. IDENTIFY GROUND SURFACES LOCATED WITHIN USE ZONES. GROUND SURFACES WITHIN USE ZONES SHALL COMPLY WITH ASTM F 1292.

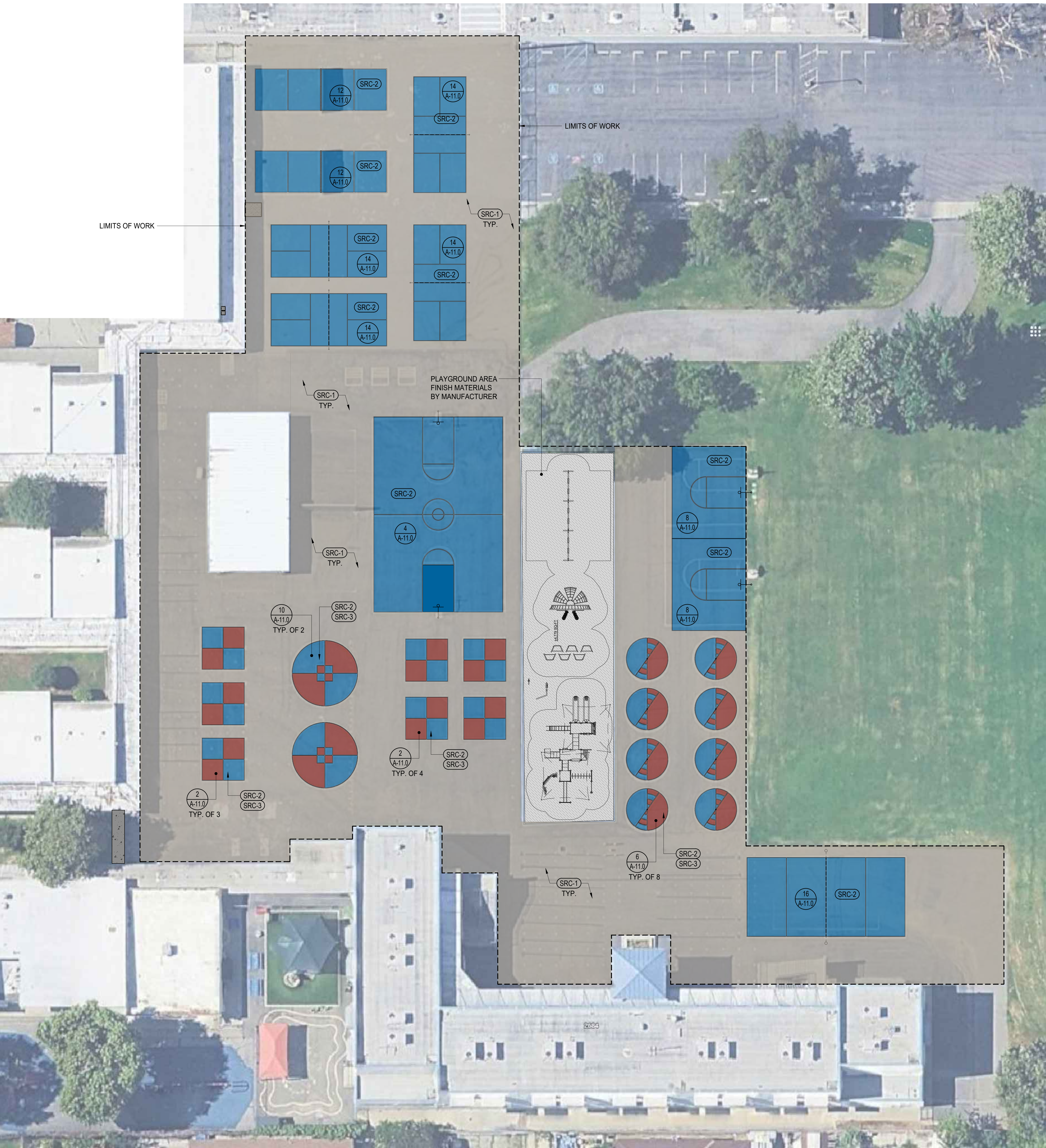
P69) WHERE PLAY TABLES ARE PROVIDED, THEY SHALL COMPLY WITH CBC SECTION 11B-1008.4.3

CBC CHAPTER 2 DEFINITIONS:

"ELEVATED PLAY COMPONENT" A PLAY COMPONENT THAT IS APPROACHED ABOVE OR BELOW GRADE AND THAT IS PART OF A COMPOSITE PLAY STRUCTURE CONSISTING OF TWO OR MORE PLAY COMPONENTS ATTACHED OR FUNCTIONALLY LINKED TO CREATE AN INTEGRATED UNIT PROVIDING MORE THAN ONE PLAY ACTIVITY.

"GROUND LEVEL PLAY COMPONENT" A PLAY COMPONENT THAT IS APPROACHED AND EXITED AT THE GROUND LEVEL.





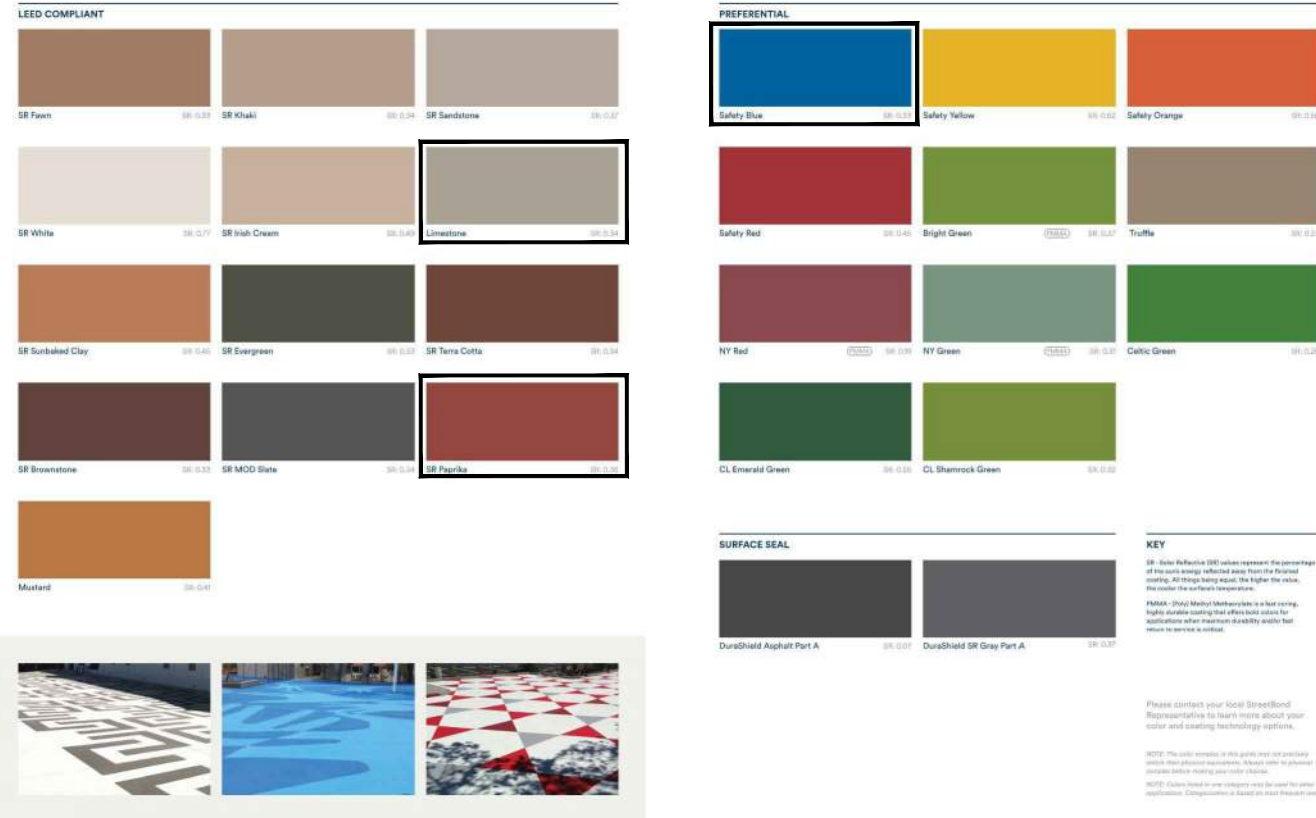
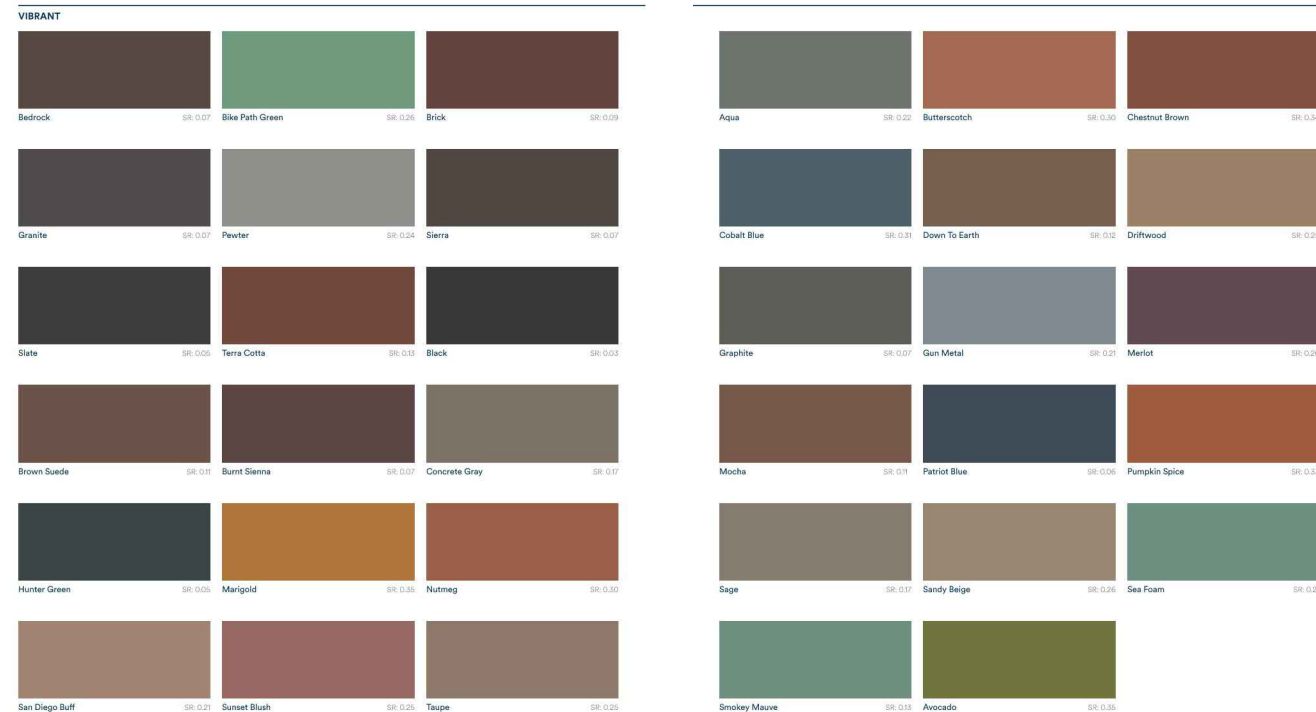
PRIMARY OUTDOOR ACTIVITY AREA
ENLARGED RECONSTRUCTION FINISH FLOOR PLAN
Scale: 1/16" = 1'-0"

1
A-2.0

PROPOSED COLORS
(CLIENT TO APPROVE)

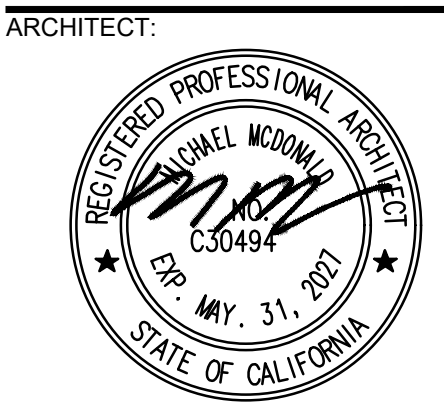
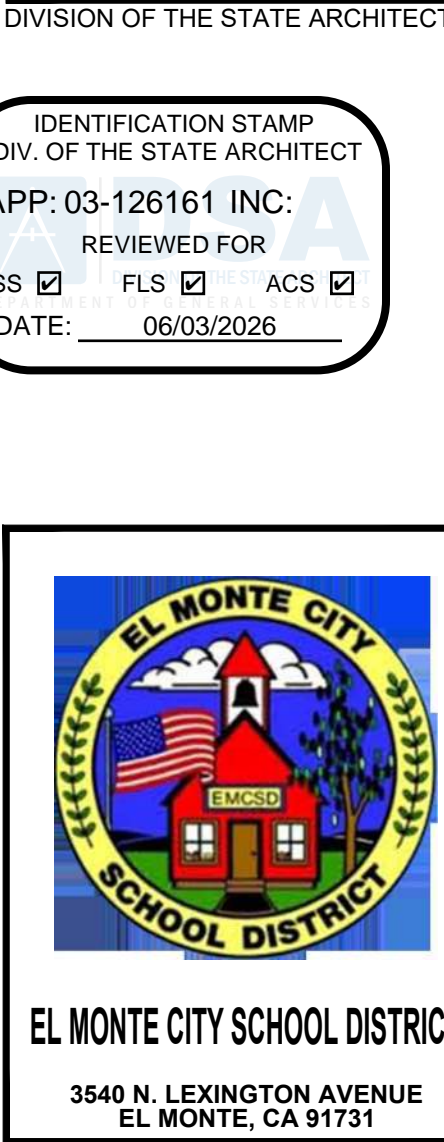
SYMBOL	DESCRIPTION	COLOR	SOLAR REFLECTANCE INDEX, SRI/SR, NO HIGHER THAN 40
(SRC-1)	FIELD COLOR	LIMESTONE	SR: 0.34
(SRC-2)	ACCENT COLOR	SAFETY BLUE	SR: 0.33
(SRC-3)	ACCENT COLOR	SR PAPRIKA	SR: 0.36

SOLAR REFLECTIVE COLOR COATING
COLOR BROCHURE
BY **STREETBOND** MANUFACTURER
(BASIS OF DESIGN)



SHEET NOTES

1. REFER TO SHEET A-11.0 FOR PLAY STATION STANDARD DETAILS - OWNER TO REVIEW AND APPROVE.



CONSULTANT ENGINEERS:

Project: EL MONTE CITY SCHOOL DISTRICT
WILKERSON ELEMENTARY SCHOOL
PLAYGROUND(S) REPLACEMENT PROJECT
2700 N. DOREEN AVENUE
EL MONTE, CA 91733

Description	Date
BUILDING DEPARTMENT SUBMITTAL	05/04/2026
BACKCHECK SUBMITTAL	05/22/2026

Job No. _____
Drawn By _____ ES
Checked By _____ MM
PRIMARY
OUTDOOR ACTIVITY
AREA ENLARGED
RECONSTRUCTION
FINISH FLOOR PLAN

A-2.0



EL MONTE CITY SCHOOL DISTRICT
3540 N. LEXINGTON AVENUE
EL MONTE, CA 91731

BUREAU
VERITAS

TECHNOLOGY DR., SUITE 100
IRVINE CA 92618
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Fax: (949) 860-4810
www.BVNA.com

ARCHITECT:



CONSULTANT ENGINEERS:

WILKERSON ELEMENTARY SCHOOL
PLAYGROUND(S) REPLACEMENT PROJECT

2700 N. DOREEN AVENUE
EL MONTE, CA 91733

	BUILDING DEPARTMENT - SUBMITTAL	05/04/2026
-	BACKCHECK SUBMITTAL	05/22/2026
-		
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-		
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No.	#
own By	ES
cked By	MM

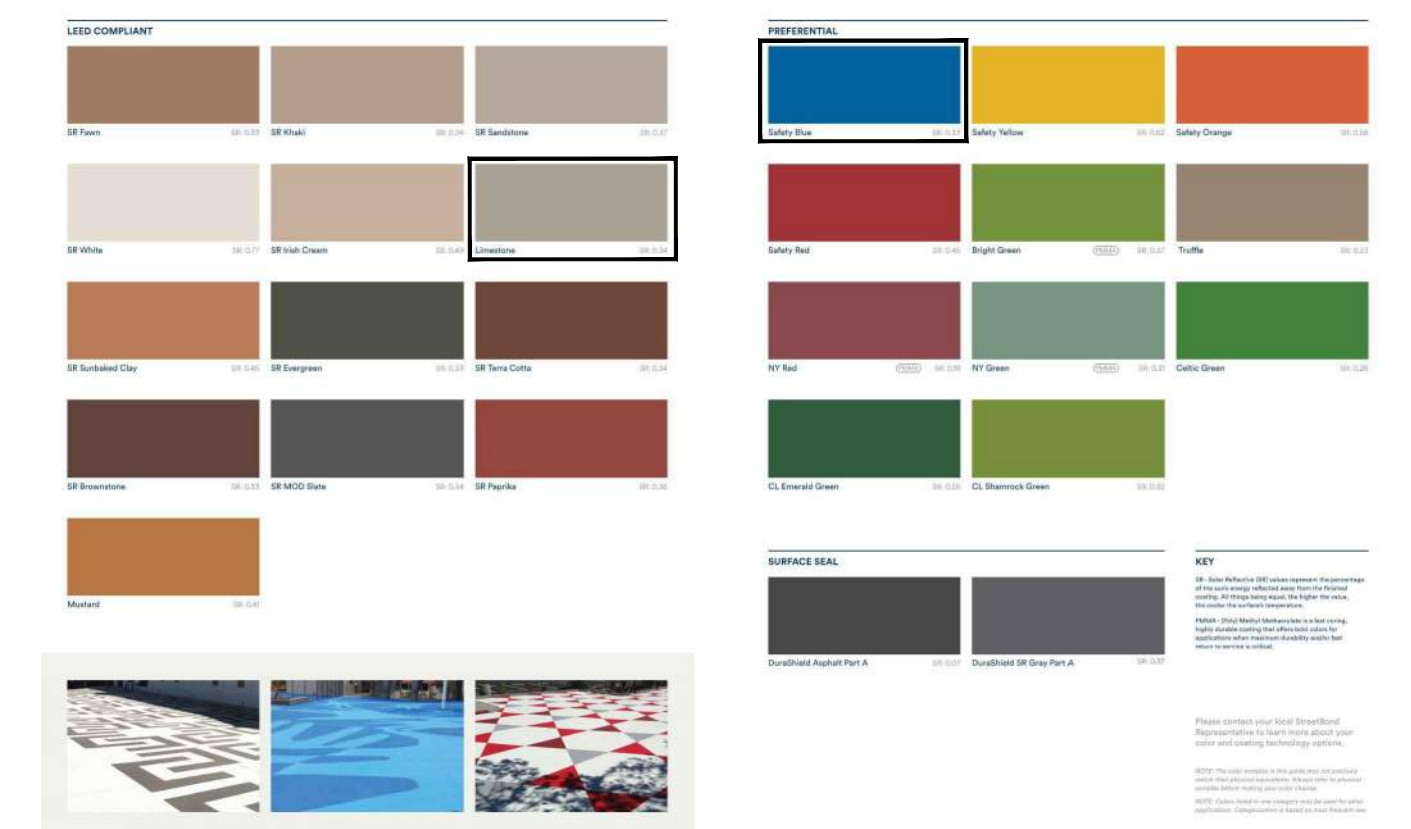
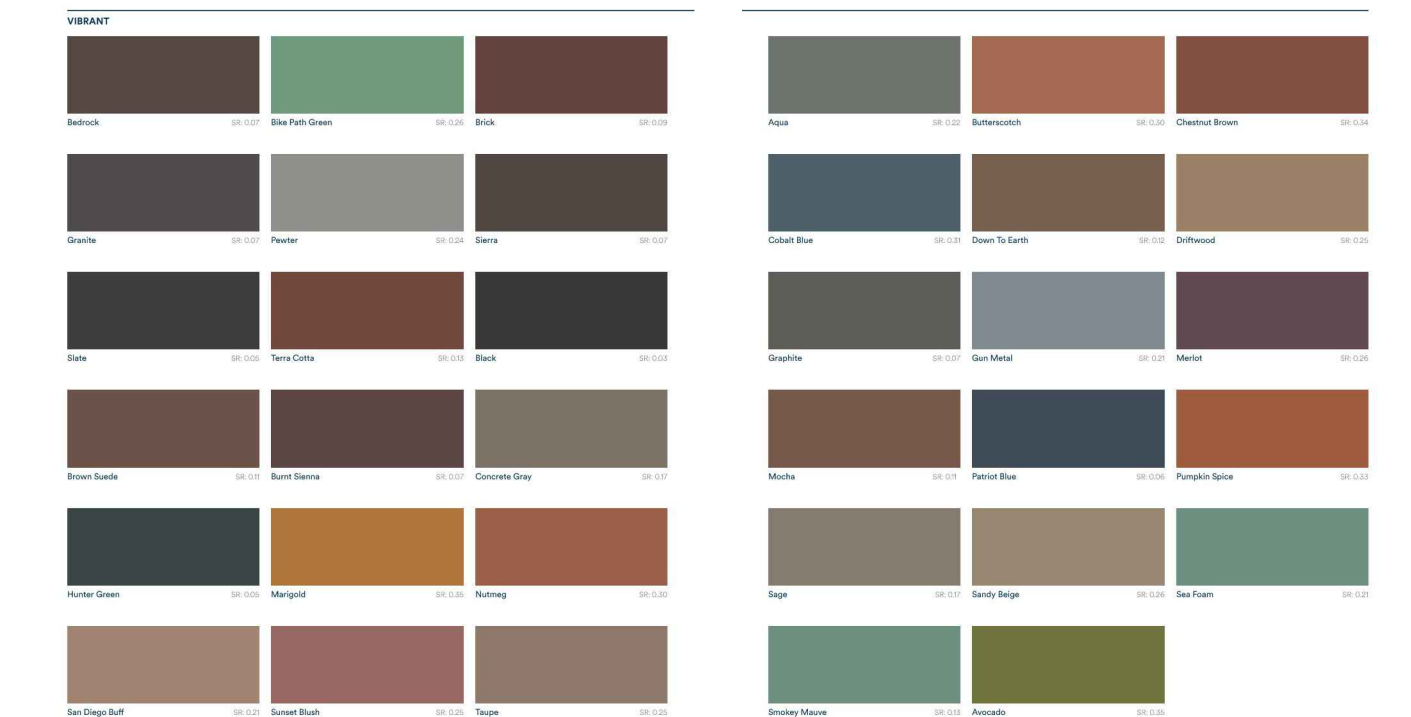
KINDER AREA
PLAYGROUND 'B'
ENLARGED
CONSTRUCTION
ISH FLOOR PLAN

A-2.2

PROPOSED COLORS
(CLIENT TO APPROVE)

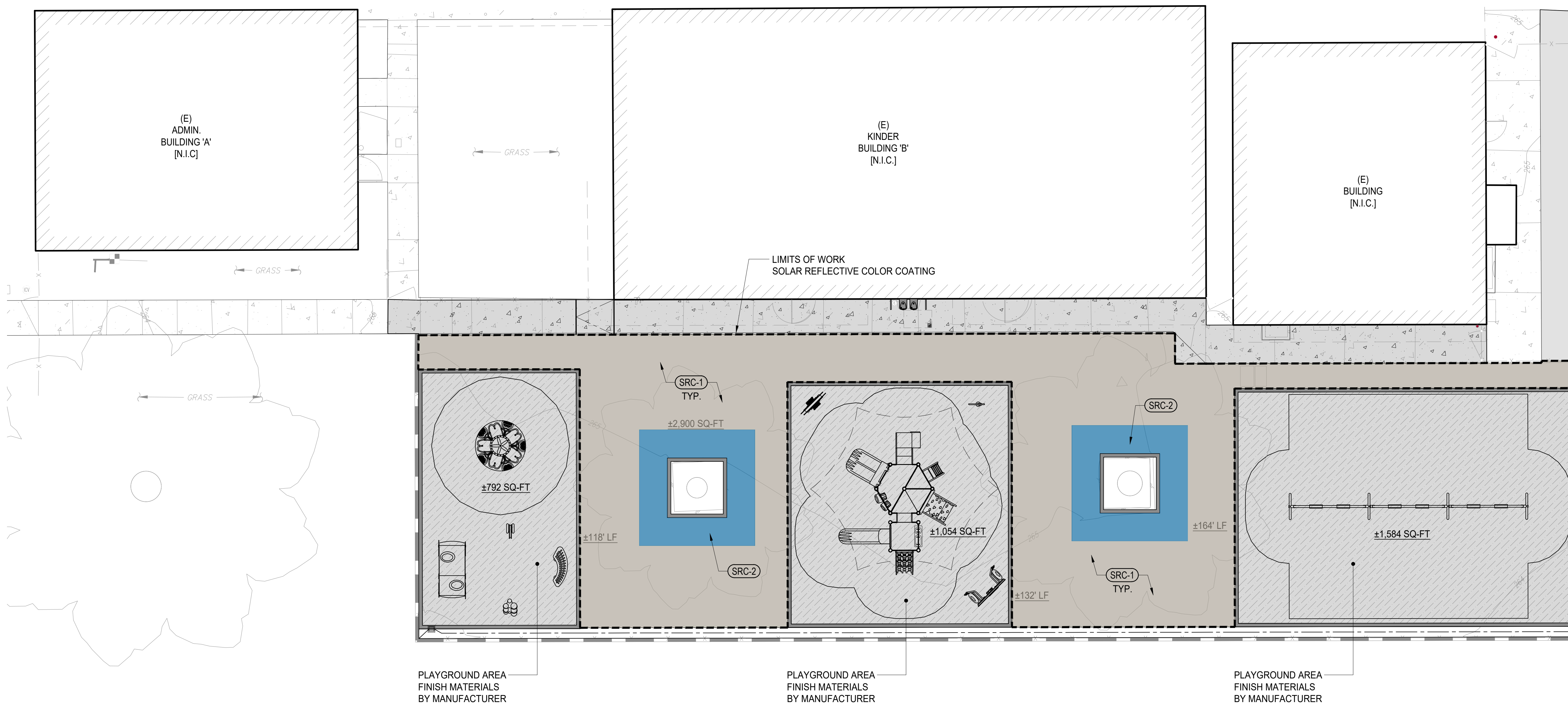
SYMBOL	DESCRIPTION	COLOR	SOLAR REFLECTANCE INDEX, SRI/SR, NO HIGHER THAN 40
(SRC-1)	FIELD COLOR	LIMESTONE	SR: 0.34
(SRC-2)	ACCENT COLOR	SAFETY BLUE	SR: 0.33

SOLAR REFLECTIVE COLOR COATING
COLOR BROCHURE
BY **STREETBOND** MANUFACTURER
(BASIS OF DESIGN)



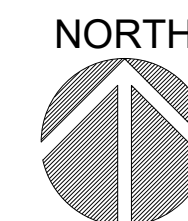
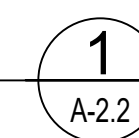
SHEET NOTES

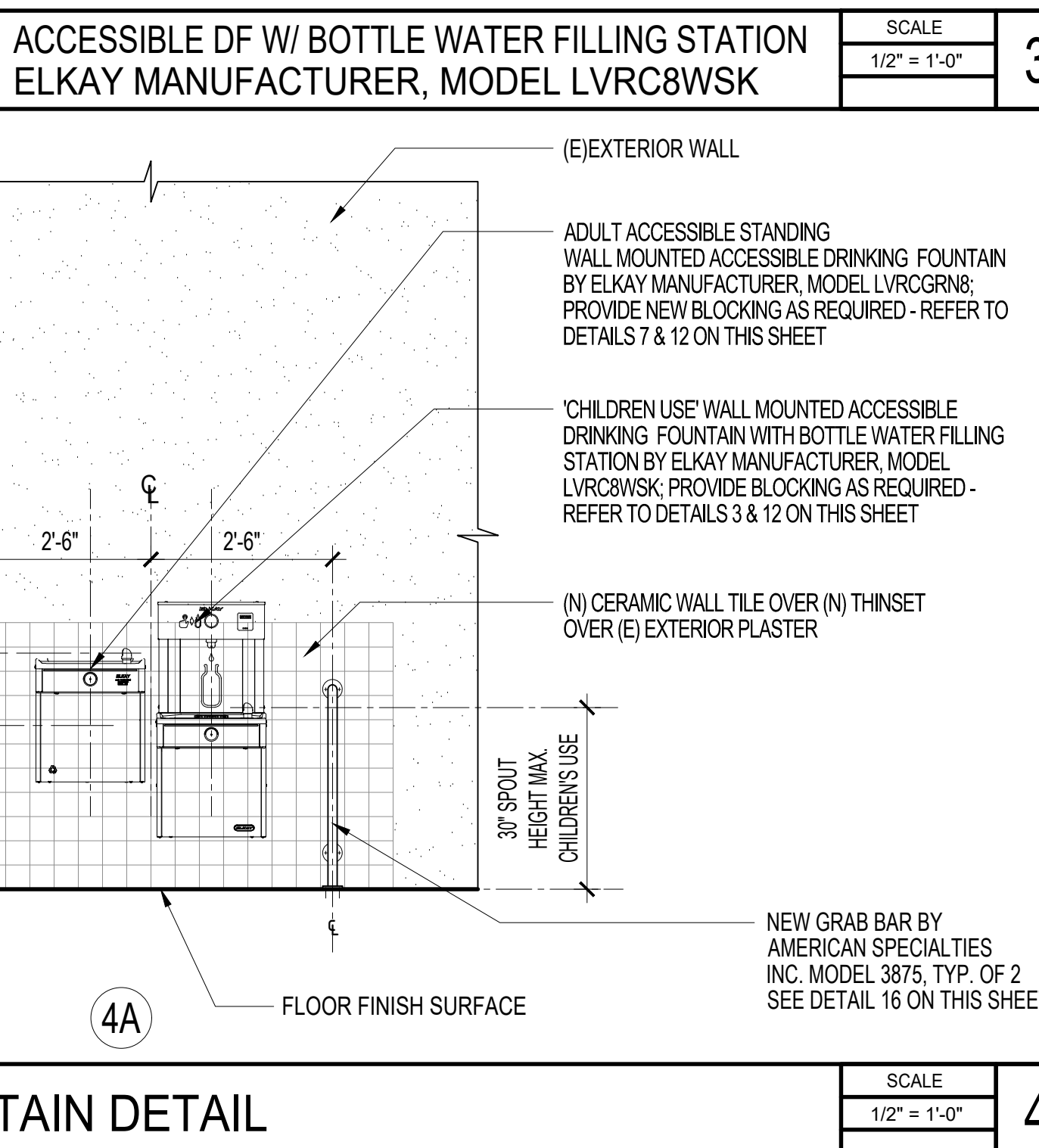
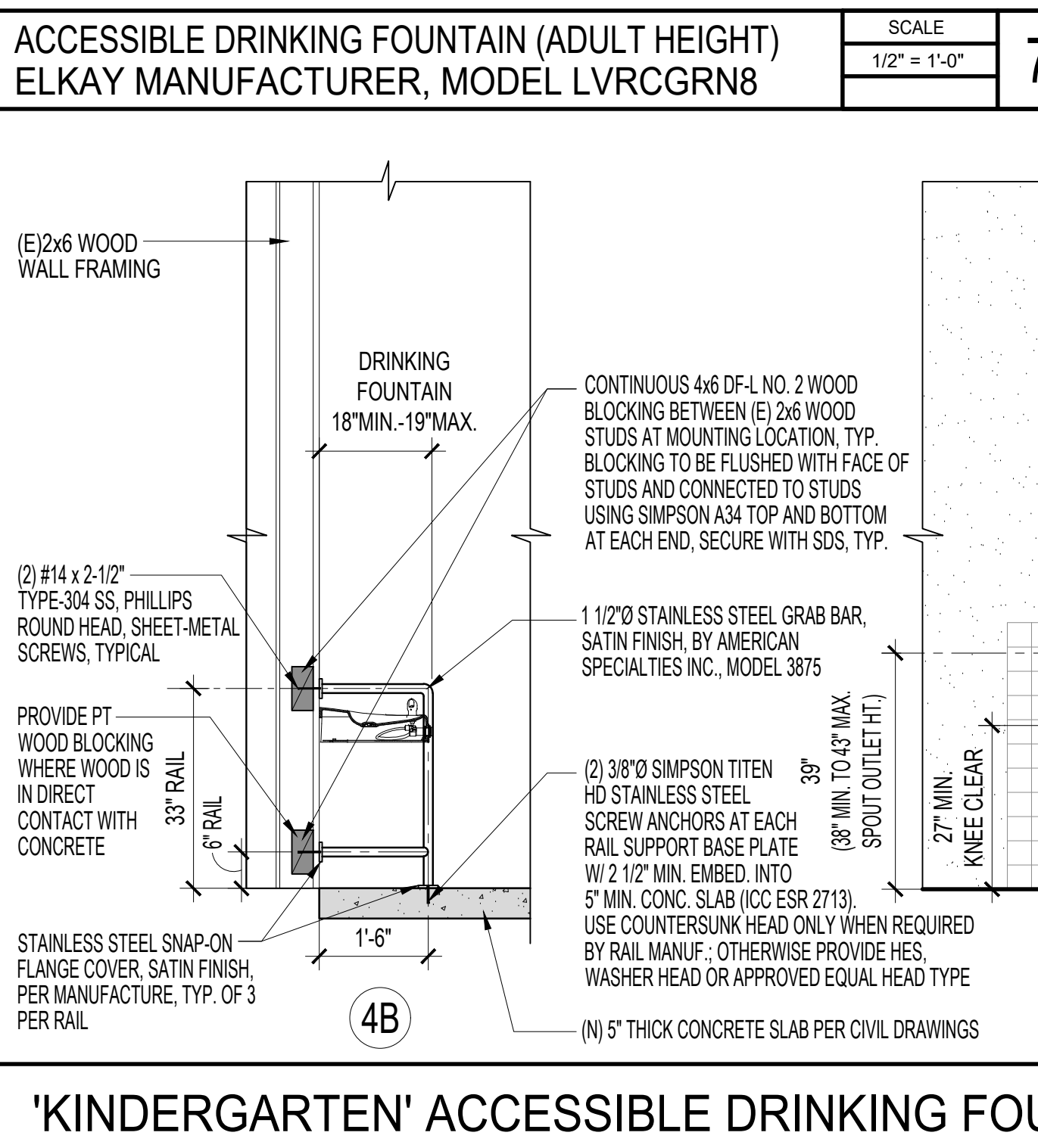
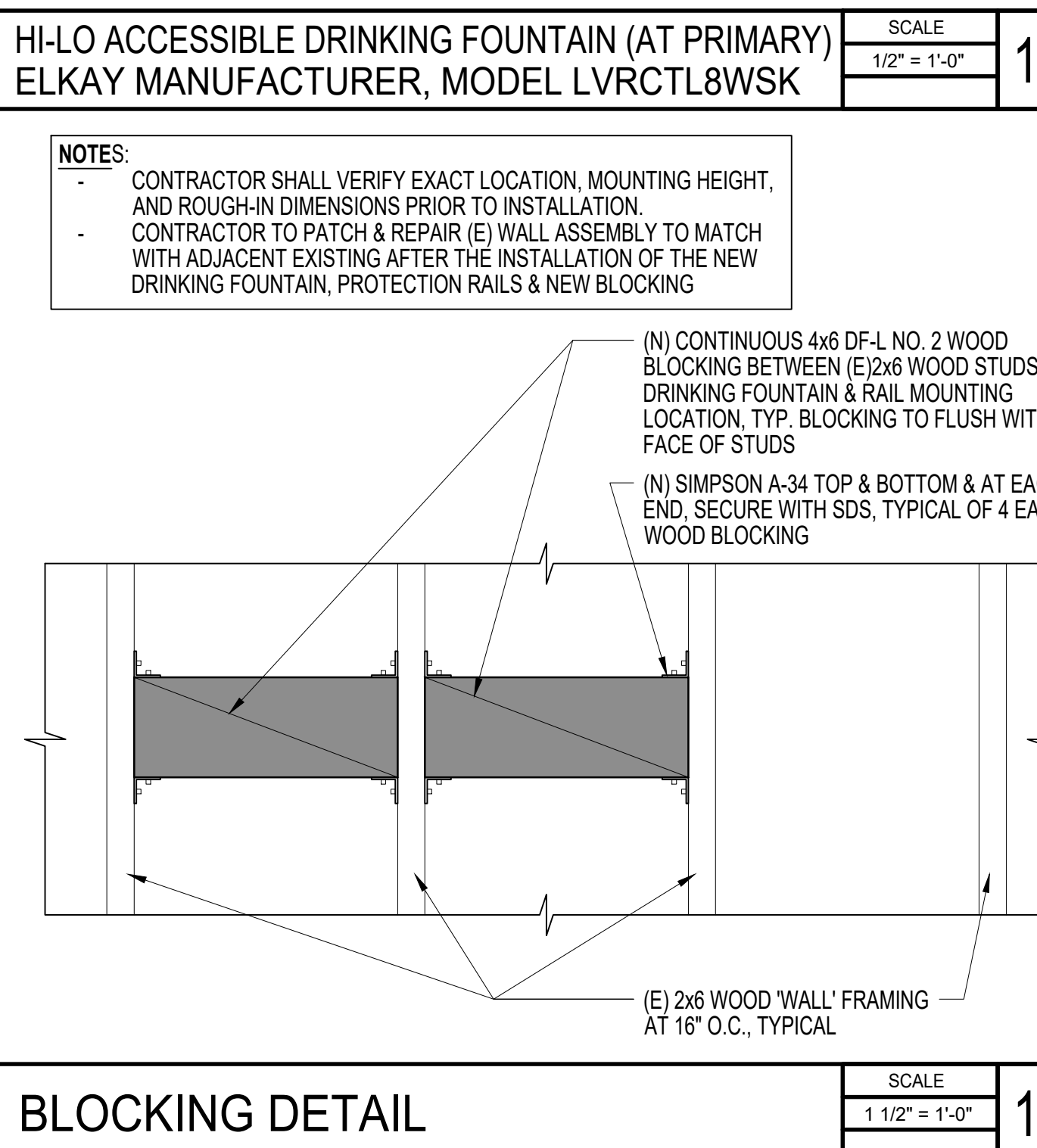
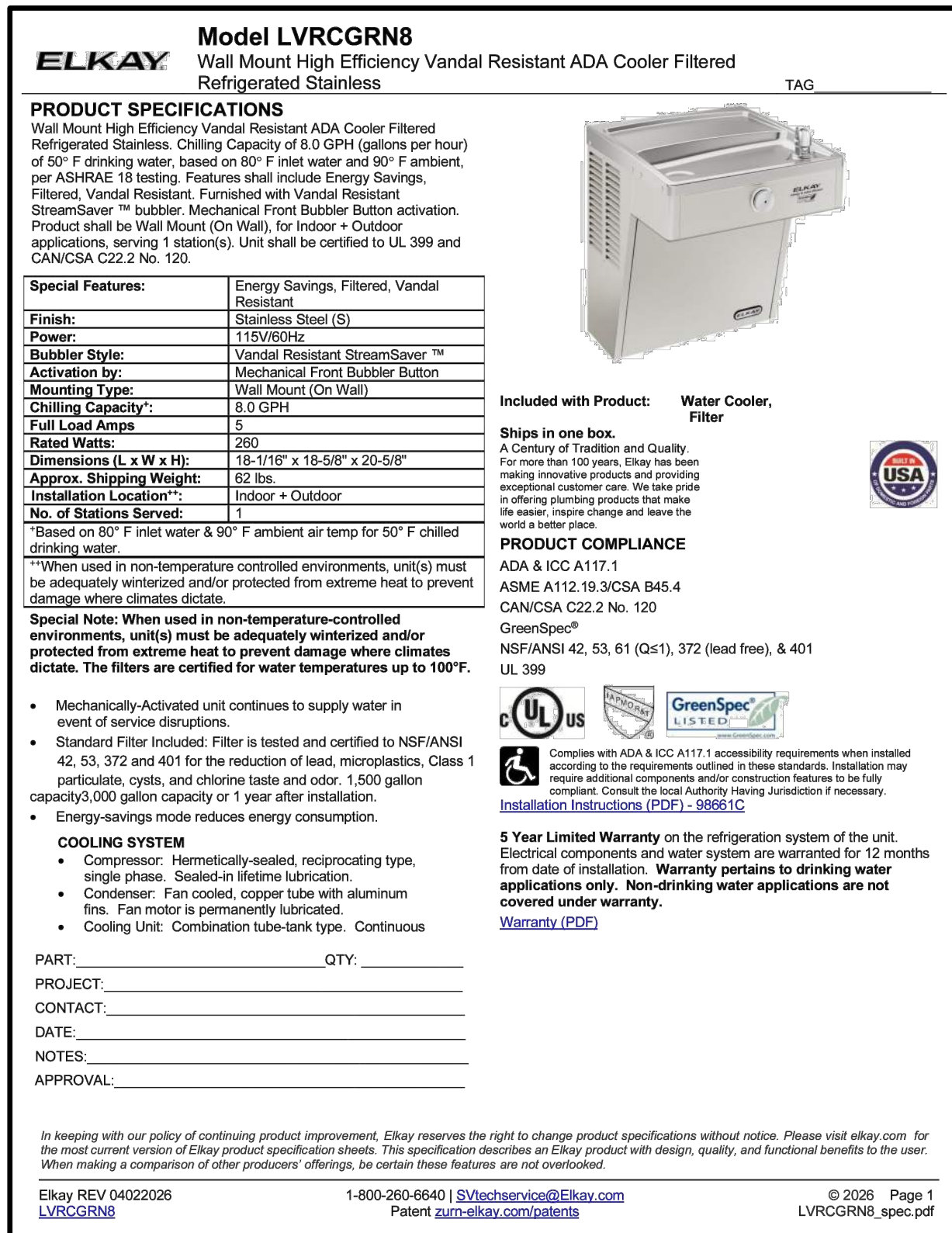
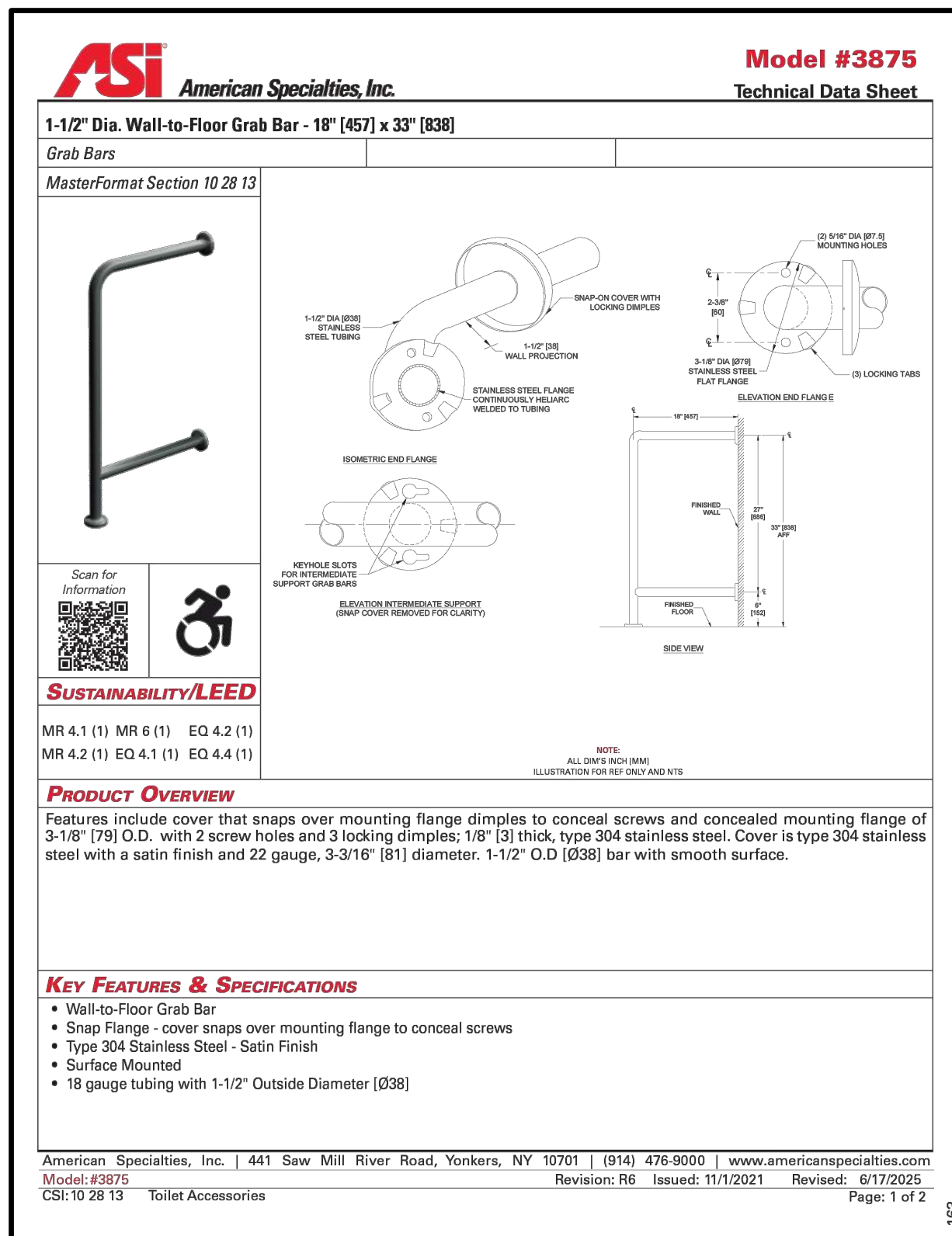
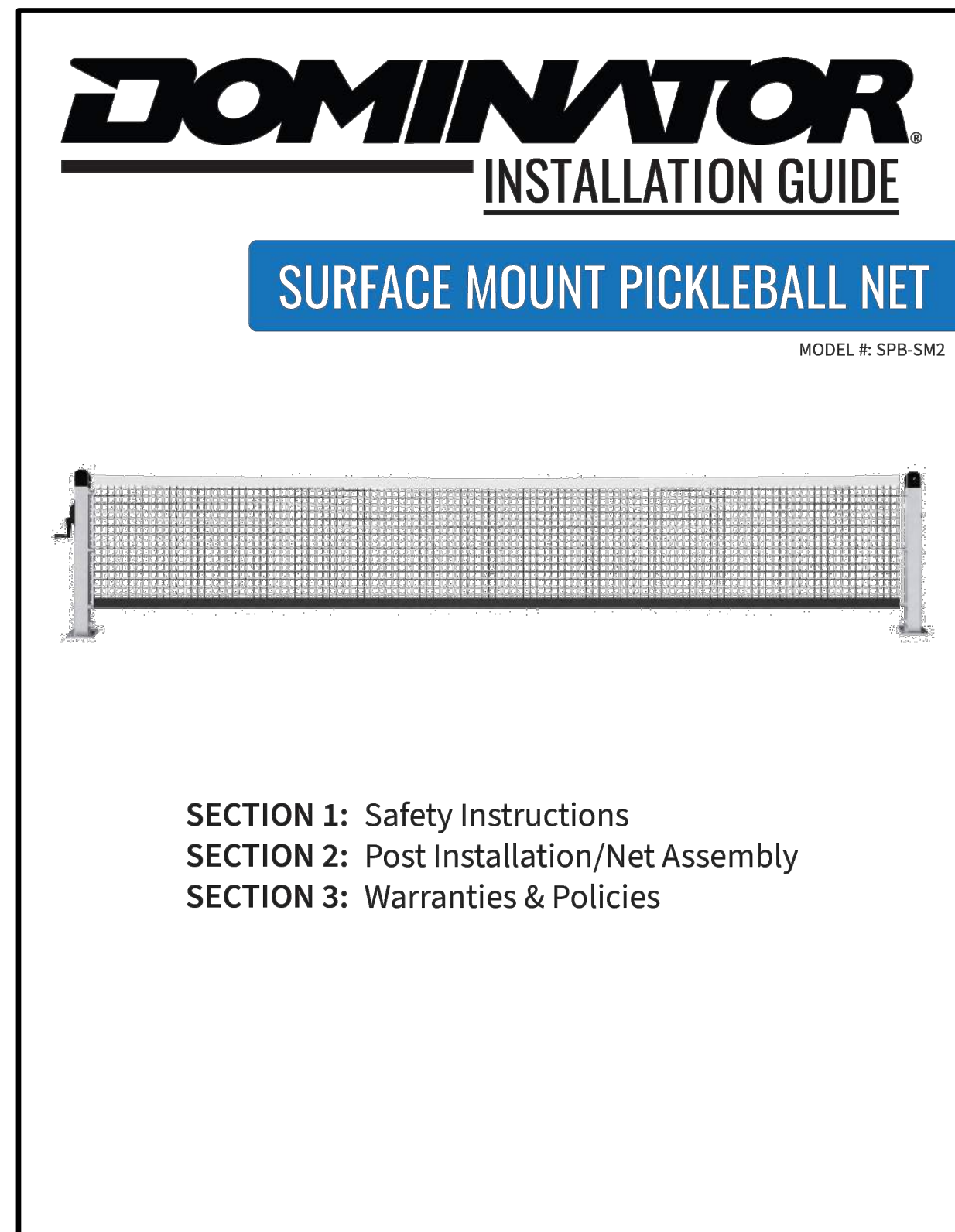
1. REFER TO SHEET A-11.0 FOR PLAY STATION STANDARD DETAILS - OWNER TO REVIEW AND APPROVE.



KINDER AREA - PLAYGROUND 'B'
ENLARGED RECONSTRUCTION FINISH FLOOR PLAN

Scale: 1/8" = 1'-0"





Form containing multiple sections for Structural Tests & Special Inspections (Steel and Aluminum), 2022 CBC, and 2022 CCB. Includes application numbers, school names, and detailed inspection tables with columns for Test or Special Inspection, Type, Performed By, Code References, and Notes. The form is divided into 10 columns, each representing a different structural component or system.

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 A500C 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:
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.- SHOP CONNECTIONS SHALL BE WELDED UNLESS NOTED OTHERWISE. ALL FILLET WELDS SHALL BE A MINIMUM OF 3/16" E70XX ELECTRODES UNLESS OTHERWISE NOTED. GMAW IS ACCEPTABLE.

10.- STEEL BOLTS SHALL COMPLY WITH ASTM A307 (GALVANIZED) GRADE A. TENSILE STRENGTH = 60 KSI, ELONGATION % = 18. ASTM A307 IS NOT CONSIDERED AS HIGH STRENGTH BOLTS. BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION (ST).

ALL NUTS SHALL COMPLY WITH ASTM A563DH. AND WASHERS SHALL COMPLY WITH ASTM F436. ALL NUTS SHALL BE LUBRICATED WITH A LUBRICANT CONTAINING A VISIBLE DYE SO A VISUAL CHECK CAN BE MADE FOR THE LUBRICANT AT THE TIME OF THE FIELD INSTALLATION.

HIGH STRENGTH BOLTS
SHALL COMPLY WITH ASTM F3125 GRADE A325 N (GALVANIZED), HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A PRE-TENSIONED (PT) CONDITION. (SEE TABLE 3) SPECIFIED MINIMUM PRE-TENSION IS 12 KIPS. MOMENT CONNECTIONS REQUIRE PRE-TENSIONING.

11.- 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.

12.- ALL STEEL ROUND TUBING (ITEMS FROM NOTE 4) & ALUMINIUM 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.

13.- 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 DEMONSTRATES 100% 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
12.- 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 CALCIUM CHLORIDE WILL BE USED.) REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60 AND BE F_y= 60000 PSI, MIN. GR. 60.

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

4.- 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.

5.- CONCRETE EXPOSED TO FREEZING-AND-THAWING CYCLES SHALL BE AIR ENTRAINED PER ACI 318 SECTION 19.3.3. CONCRETE SHALL BE F1 CORROSION CLASS WITH 6% AIR CONTENT.

FABRIC SPECIFICATION
5.- "FABRIC SHALL BE MANUFACTURED BY GALE PACIFIC, WHICH MEETS THE SPECIFICATIONS LISTED ON PAGE 3000, 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 1 & 2 AND ASTM E 84 EXTENDED 30 MINUTES TEST. FLAME SPREAD INDEX (FSI); 8. SMOKE DEVELOPED INDEX (SDI); 6. FABRIC IS ACCEPTABLE FOR USE IN WILDLIFE URBAN INTERFACE AREA.

5.- FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF ANTICIPATED FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 98 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. DAMAGED FABRIC WILL REQUIRE REPLACEMENT. DO NOT ATTEMPT TO RE-INSTALL DAMAGED FABRIC.

AIRCRAFT CABLE

1.- FOR FABRIC ATTACHMENT USE 1/4" 7x19 GALV. CABLE PER ASTM A1023/A1023M, WITH A BREAKING STRENGTH VALUE OF S_{min}=7,000 LBS. CABLE SHALL BE TENSIONED TO 300 LBS MINIMUM AND 500 LBS MAXIMUM. THE MAXIMUM CALCULATED CABLE ALLOWABLE CAPACITY IS S_a=2386 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 TAUT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTENING VISITS AS REQUIRED.

CBC PC DESIGN NOTES

BUILDING CODE CBC 2022 (BASED ON IBC 2021)
FLOOR LIVE LOAD N/A
ROOF LIVE LOAD RLL 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 CLEAR FLOW CONDITION

-BASIC DESIGN WIND SPEED (3 SEC GUST) V 98 MPH
-ASD WIND LOAD (CBC 2022 SEC. 1603A.1.4) V_{ASD} 76 MPH
-WIND EXPOSURE FACTOR C 1
-TOPOGRAPHIC FACTOR K_{zt} II
-RISK CATEGORY II
-VELOCITY PRESSURE EXPOSURE COEFFICIENT K_z SEE TABLE
-VELOCITY PRESSURE K_z SEE TABLE

SEISMIC DESIGN:

-SITE CLASS D

UNLESS A SITE-SPECIFIC GROUND MOTION HAZARD ANALYSIS IS PERFORMED, THE SM1 VALUE SHALL BE LESS THAN SD1

-SPECTRAL RESPONSE COEFFICIENTS

S_s 2.50g
S₁ 1.4g
S_{0.5} 2.00
S_{D1} 1.39

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

-SEISMIC IMPORTANCE FACTOR

-DESIGN BASE SHEAR AT BASE

-SEISMIC RESPONSE COEFFICIENTS

-RESPONSE MODIFICATION FACTOR

-ANALYSIS PROCEDURE

-RISK CATEGORY

-SEISMIC DESIGN CATEGORY

-SITE COEFFICIENT CATEGORY

-REDUNDANCY FACTOR

1.0
SEE TABLE
1.6
1.25
II
D
1.2
1.5
1.3

GEOHAZARD REPORT IS NOT REQUIRED FOR MULTI-COLUMN OPEN FABRIC STRUCTURES 1,600 SQF OR LESS. GEOHAZARD REPORT IS NOT REQUIRED FOR MONOPOLE OPEN FABRIC STRUCTURES UP TO A MAXIMUM 4,000 SQF. DOES 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: MULTI-COLUMN OPEN FABRIC SHADE STRUCTURES 1,600 SQUARE FEET OR LESS). 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.

MINIMUM CLASS 3 PROJECT INSPECTOR REQUIRED.

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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:

El Monte City School District

PROJECT NAME:

Wilkinson Elementary

LOCATION:

2700 Doreen Ave.
El Monte, CA 91733

PROJECT NUMBER:

DSA-INT



STRUCTURE TYPE:
INTEGRATED STRUCTURES
DSA

SCALE : NONE

DRAWING SIZE:

D

PRE-CHECK (PC) DOCUMENT

Code : 2022 CBC

A separate project application for construction is required.

Eng. By : OS 12/10/24

Design By : QD-RH 12/10/24

Approved By : DT-HM 12/10/24

DRAWING DESCRIPTION:

PRODUCT INFORMATION

DWG. **DSA-INT-PC-1000**

SHEET **1000**

REV. **NC**

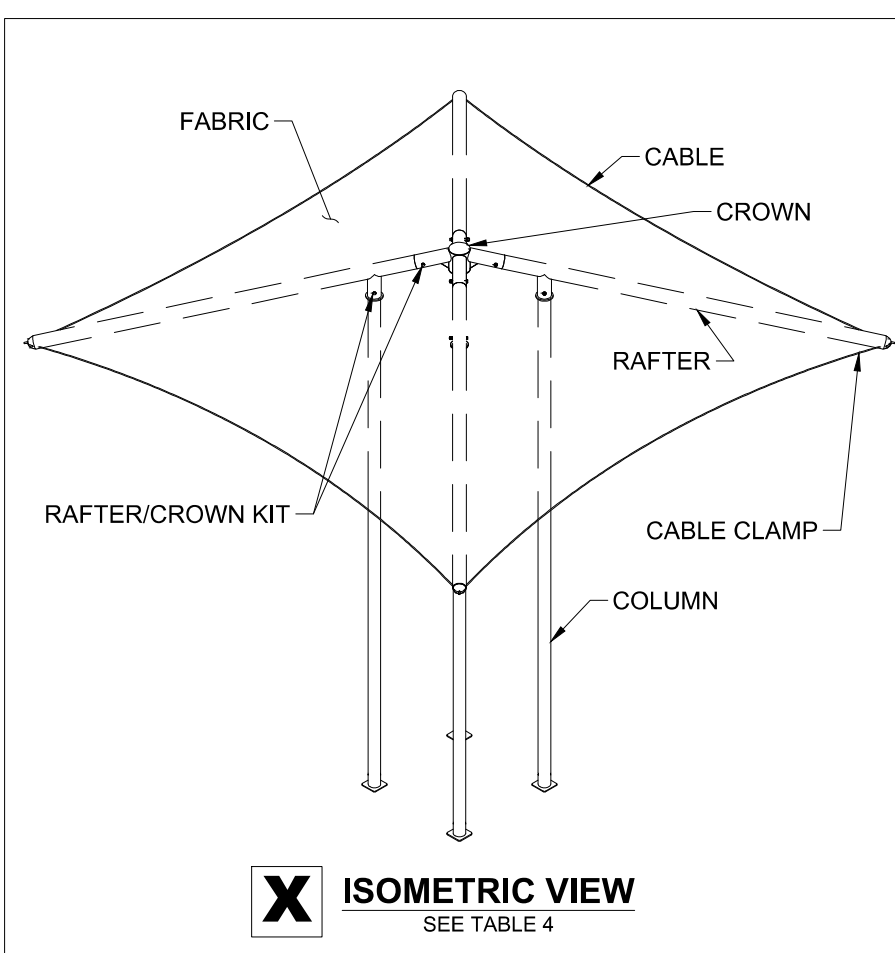
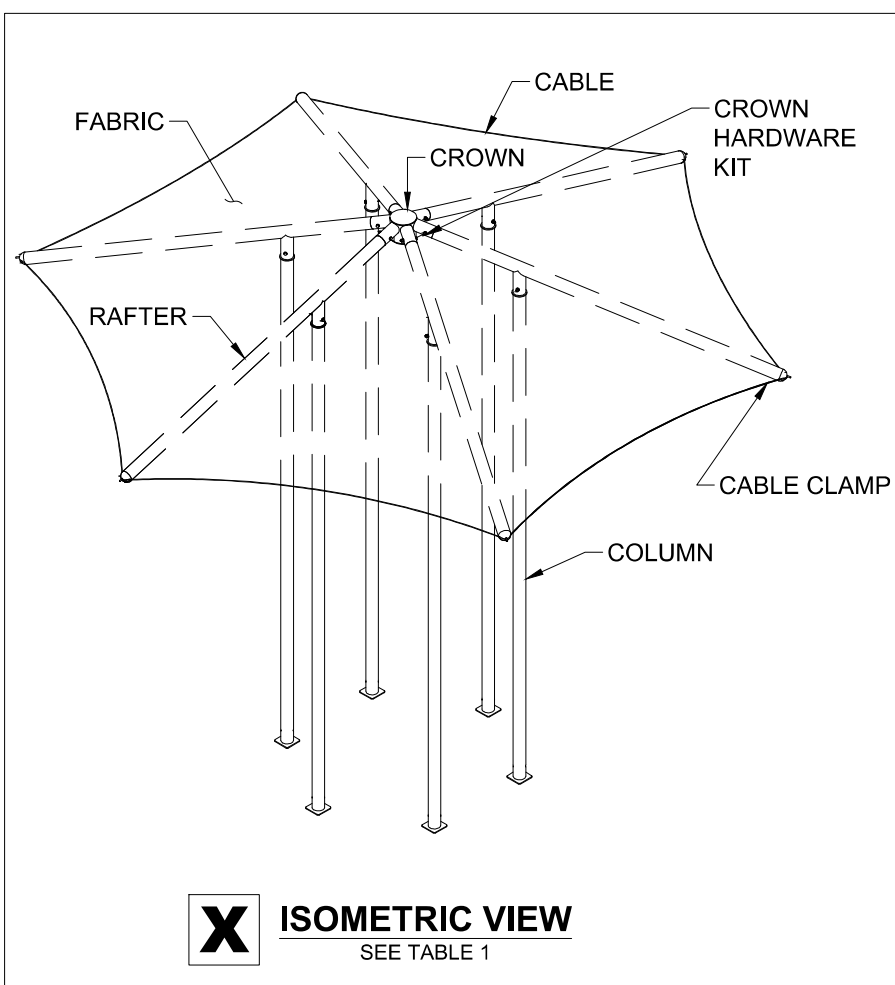


TABLE 1	
DESCRIPTION	DSA-INT-HEX-2616-22 (SEE SHEET 2004)
COLUMN	HSS 5.0" X 0.375"
RAFTER	5.0 GA 7 RD TUBING (HSS 5.0" X 0.18")
CROWN	CROWN HSS 10.75" X 0.375" ARMS 5.0 GA 7 RD TUBING (HSS 5.0" X 0.18")
FABRIC	COMMERCIAL 95-340FR
CABLE	90 FT OF Ø1/4" STEEL CABLE
CABLE CLAMP	Ø1/4" CABLE CLAMP
RAFTER/CROWN HARDWARE KIT	Ø5/8"-11NC x 6.5" HEX BOLT A307 GR A GALV Ø5/8"-11NC HEX NUT A563DH GALV Ø5/8" FLAT WASHER F436 GALV
ANCHOR ROD KIT	Ø 3/4"-10NC x 15" ALL THREADED ROD A449 GALV Ø3/4"-10NC HEX NUT, DH WAXED A563DH GALV Ø3/4" FLAT WASHER F436 GALV
MAXIMUM CABLE TENSION S _r	2097 LBS
TOTAL DESIGN BASE SHEAR AT BASE	4187 LBS
VELOCITY PRESSURE q _z	18.39 PSF
VELOCITY PRESSURE EXPOSURE COEFF. K _z	0.88

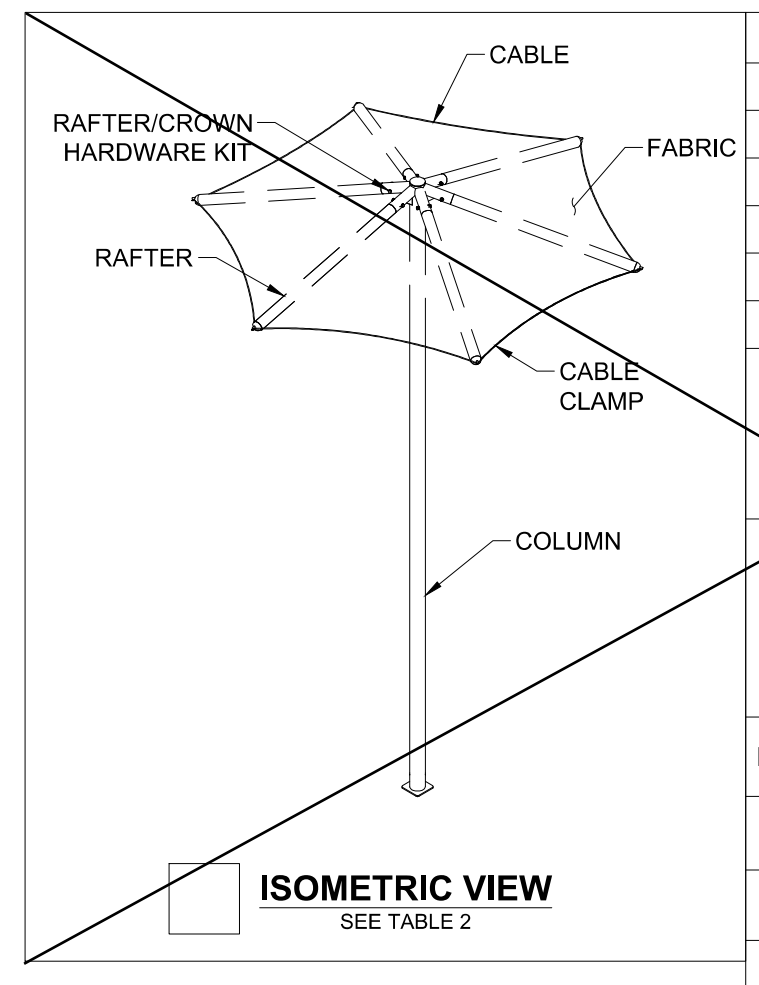


TABLE 2	
DESCRIPTION	DSA-INT-SPHEX-1216-22 (SEE SHEET 2005)
COLUMN	HSS 5.0" X 0.375"
RAFTER	3.5 GA 8 RD TUBING (HSS 3.5" X 0.165")
FABRIC	COMMERCIAL 95-340FR
CABLE	60 FT OF Ø1/4" STEEL CABLE
CABLE CLAMP	Ø1/4" CABLE CLAMP
RAFTER/CROWN HARDWARE KIT	Ø1/2"-13NC x 4.5" HEX BOLT A307 GR A GALV Ø1/2"-13NC HEX NUT A563DH GALV Ø1/2" FLAT WASHER F436 GALV
ANCHOR ROD KIT	Ø 3/4"-10NC x 15" ALL THREADED ROD A449 GALV Ø3/4"-10NC HEX NUT, DH WAXED A563DH GALV Ø3/4" FLAT WASHER F436 GALV
MAXIMUM CABLE TENSION S _r	912 LBS
TOTAL DESIGN BASE SHEAR AT BASE	827 LBS
VELOCITY PRESSURE q _z	18.18 PSF
VELOCITY PRESSURE EXPOSURE COEFF. K _z	0.87

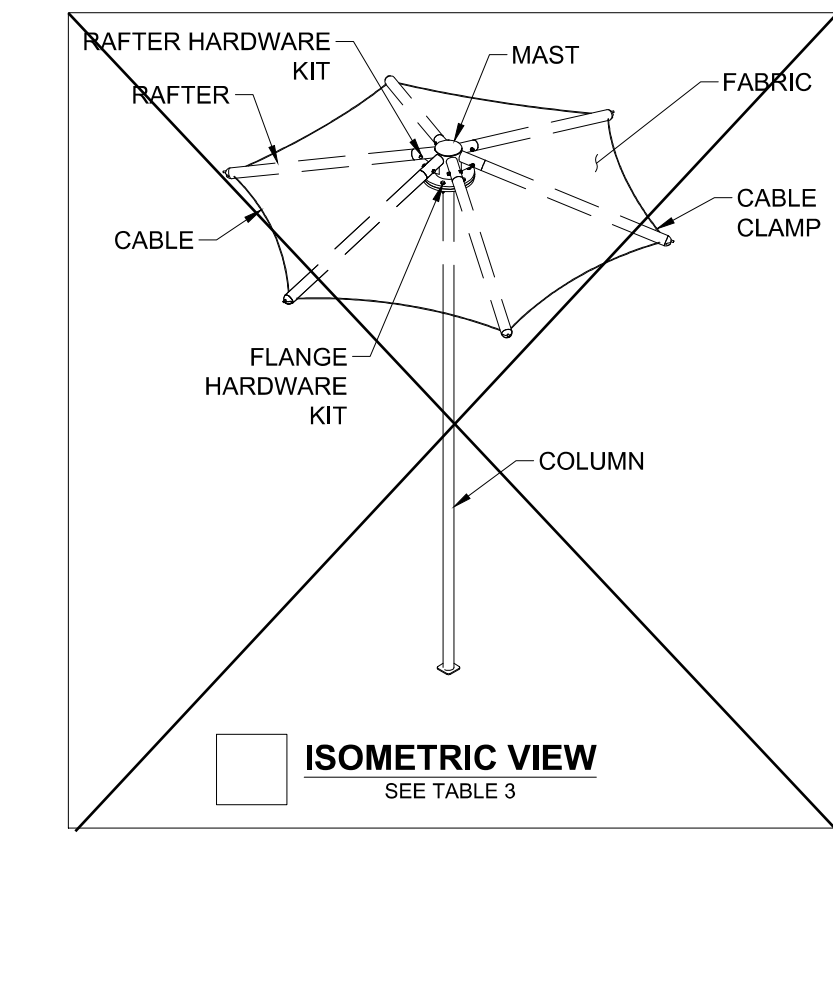
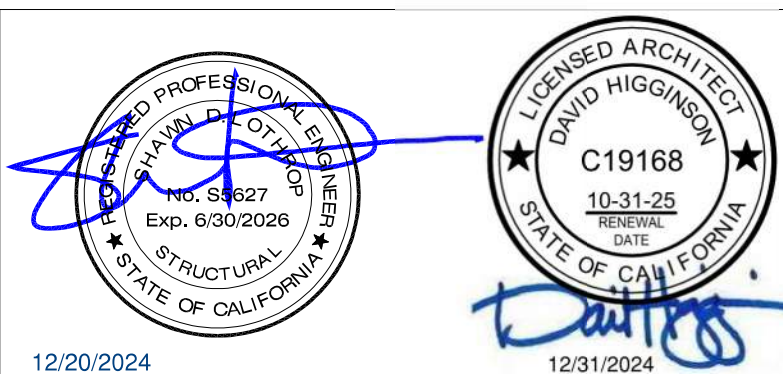
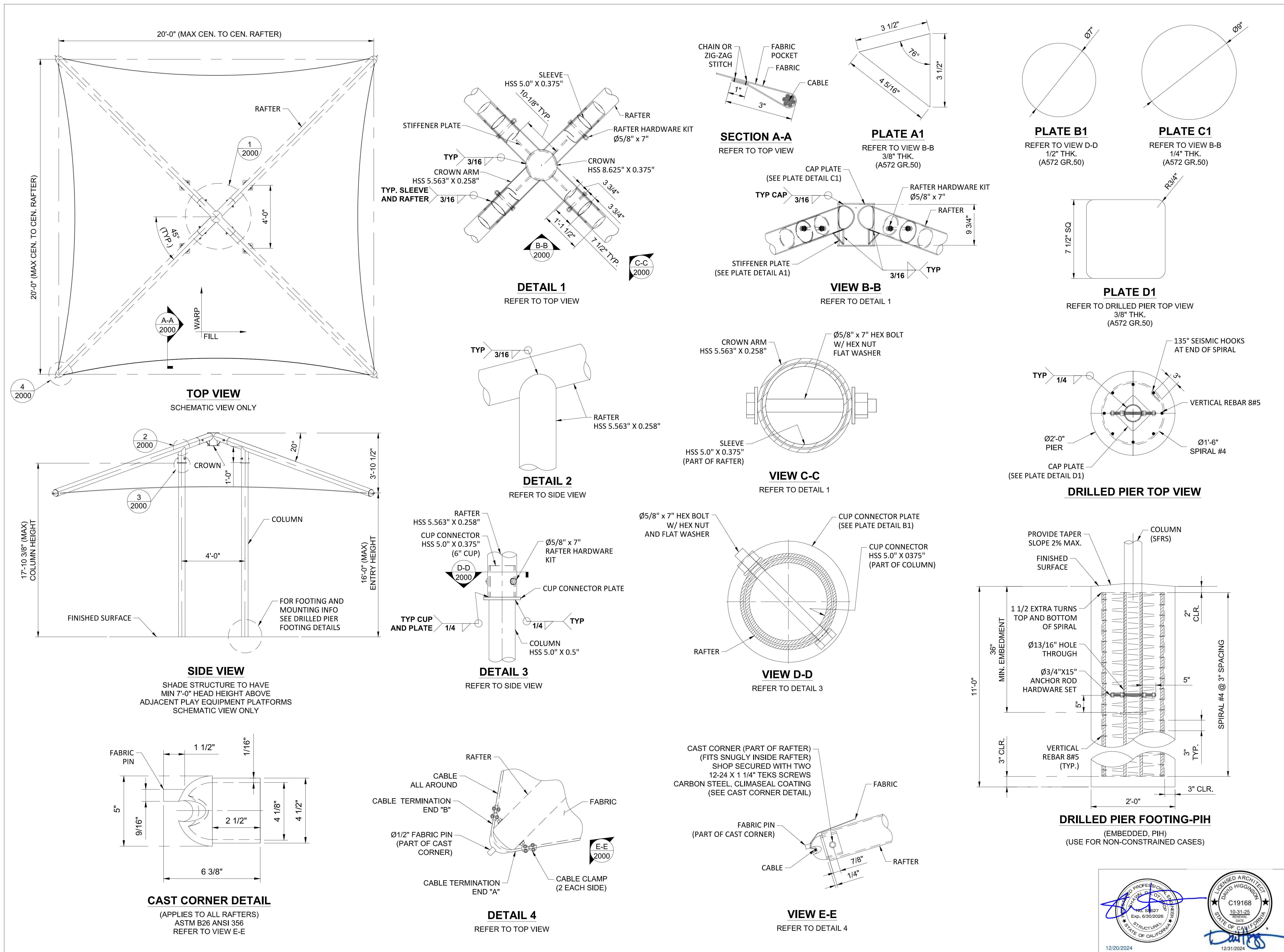


TABLE 3	
DESCRIPTION	DSA-INT-SPHEX-1213-22 (SEE SHEET 2006)
COLUMN	HSS 3.5" X 0.60"
RAFTER	3.5 GA 8 RD TUBING (HSS 3.5" X 0.165")
MAST	HSS 5.563" X 0.258"
FABRIC	COMMERCIAL 95-340FR
CABLE	50 FT OF Ø1/4" STEEL CABLE
CABLE CLAMP	Ø1/4" CABLE CLAMP
FLANGE HARDWARE KIT	Ø1/2"-13NC x 2" HEX BOLT A325 GR A GALV Ø1/2"-13NC HEX NUT A563DH GALV Ø1/2" FLAT WASHER F436 GALV
RAFTER HARDWARE KIT	Ø1/2"-13NC x 4.5" HEX BOLT A307 GR A GALV Ø1/2"-13NC HEX NUT A563DH GALV Ø1/2" FLAT WASHER F436 GALV
ANCHOR ROD KIT	Ø 3/4"-10NC x 15" ALL THREADED ROD A449 GALV Ø3/4"-10NC HEX NUT, DH WAXED A563DH GALV Ø3/4" FLAT WASHER F436 GALV
MAXIMUM CABLE TENSION S _r	912 LBS
TOTAL DESIGN BASE SHEAR AT BASE	798 LBS
VELOCITY PRESSURE q _z	17.76 PSF
VELOCITY PRESSURE EXPOSURE COEFF. K _z	0.85

TABLE 4		DSA-INT-PYR-121216-22 (SEE SHEET 2001)	DSA-INT-PYR-121214-42-22 (SEE SHEET 2002)	DSA-INT-PYR-121214-36-22 (SEE SHEET 2003)
DESCRIPTION	DSA-INT-PYR-202016-22 (SEE SHEET 2000)	DSA-INT-PYR-121216-22 (SEE SHEET 2001)	DSA-INT-PYR-121214-42-22 (SEE SHEET 2002)	DSA-INT-PYR-121214-36-22 (SEE SHEET 2003)
COLUMN	HSS 5.0" X 0.500"	5.0 GA 7 RD TUBING (HSS 5.0" X 0.18")	HSS 3.5" X 0.3"	HSS 3.5" X 0.3"
RAFTER	HSS 5.563" X 0.258"	3.5 GA 8 RD TUBING (HSS 3.5" X 0.165")	3.5 GA 8 RD TUBING (HSS 3.5" X 0.165")	3.5 GA 8 RD TUBING (HSS 3.5" X 0.165")
CROWN	CROWN HSS 8.625" X 0.375" ARMS HSS 5.563" X 0.258" (SLEEVE HSS 5.0" X 0.375")	CROWN HSS 5.563" X 0.258" ARMS 3.5 GA 8 RD (HSS 3.5" X 0.165")	CROWN HSS 5.563" X 0.258" ARMS 3.5 GA 8 RD (HSS 3.5" X 0.165")	CROWN HSS 5.563" X 0.258" ARMS 3.5 GA 8 RD (HSS 3.5" X 0.165")
FABRIC	COMMERCIAL 95-340FR	COMMERCIAL 95-340FR	COMMERCIAL 95-340FR	COMMERCIAL 95-340FR
CABLE	95 FT OF Ø1/4" STEEL CABLE	60 FT OF Ø1/4" STEEL CABLE	60 FT OF Ø1/4" STEEL CABLE	60 FT OF Ø1/4" STEEL CABLE
CABLE CLAMP	Ø1/4" CABLE CLAMP	Ø1/4" CABLE CLAMP	Ø1/4" CABLE CLAMP	Ø1/4" CABLE CLAMP
RAFTER/CROWN HARDWARE KIT	Ø5/8"-11NC x 7" HEX BOLT A307 GR A GALV. Ø5/8"-11NC HEX NUT A563DH GALV Ø5/8" FLAT WASHER F436 GALV	Ø1/2"-13NC x 4.5" HEX BOLT A307 GR A GALV Ø1/2"-13NC HEX NUT A563DH GALV Ø1/2" FLAT WASHER F436 GALV	Ø1/2"-13NC x 4.5" HEX BOLT A307 GR A GALV Ø1/2"-13NC HEX NUT A563DH GALV Ø1/2" FLAT WASHER F436 GALV	Ø1/2"-13NC x 4.5" HEX BOLT A307 GR A GALV Ø1/2"-13NC HEX NUT A563DH GALV Ø1/2" FLAT WASHER F436 GALV
ANCHOR ROD KIT	Ø 3/4"-10NC x 15" ALL THREADED ROD A449 GALV Ø3/4"-10NC HEX NUT, DH WAXED A563DH GALV Ø3/4" FLAT WASHER F436 GALV	Ø 3/4"-10NC x 15" ALL THREADED ROD A449 GALV Ø3/4"-10NC HEX NUT, DH WAXED A563DH GALV Ø3/4" FLAT WASHER F436 GALV	Ø 3/4"-10NC x 15" ALL THREADED ROD A449 GALV Ø3/4"-10NC HEX NUT, DH WAXED A563DH GALV Ø3/4" FLAT WASHER F436 GALV	Ø 3/4"-10NC x 15" ALL THREADED ROD A449 GALV Ø3/4"-10NC HEX NUT, DH WAXED A563DH GALV Ø3/4" FLAT WASHER F436 GALV
MAXIMUM CABLE TENSION S _r	2025 LBS	1148 LBS	1113 LBS	1111 LBS
TOTAL DESIGN BASE SHEAR AT BASE	4053 LBS	1318 LBS	1291 LBS	1274 LBS
VELOCITY PRESSURE q _z	18.18 PSF	18.18 PSF	17.76 PSF	17.76 PSF
VELOCITY PRESSURE EXPOSURE COEFF. K _z	0.88	0.87	0.85	0.85





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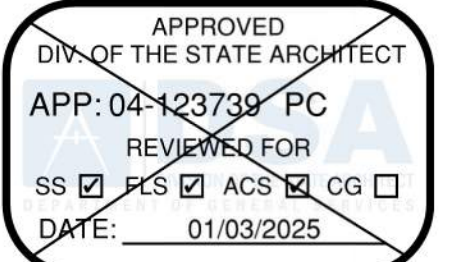
CORPORATE HEADQUARTERS
2580 ESTERS BLVD, SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

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

CUSTOMER:
El Monte City School District

PROJECT NAME:
Wilkerson Elementary Primary

LOCATION:
2700 Doreen Ave.
El Monte, CA 91733
MODEL NUMBER:
DSA-INT-PYR-202016-22



STRUCTURE TYPE:
INTEGRATED PYRAMID
DSA
SIZE:
MAXIMUM
20' X 20' X 16'e MAX.
SCALE : NONE
DRAWING SIZE: D

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

Eng. By : OS 12/10/24

Design By : QD-RH 12/10/24

Approved By : DT-HH 12/10/24

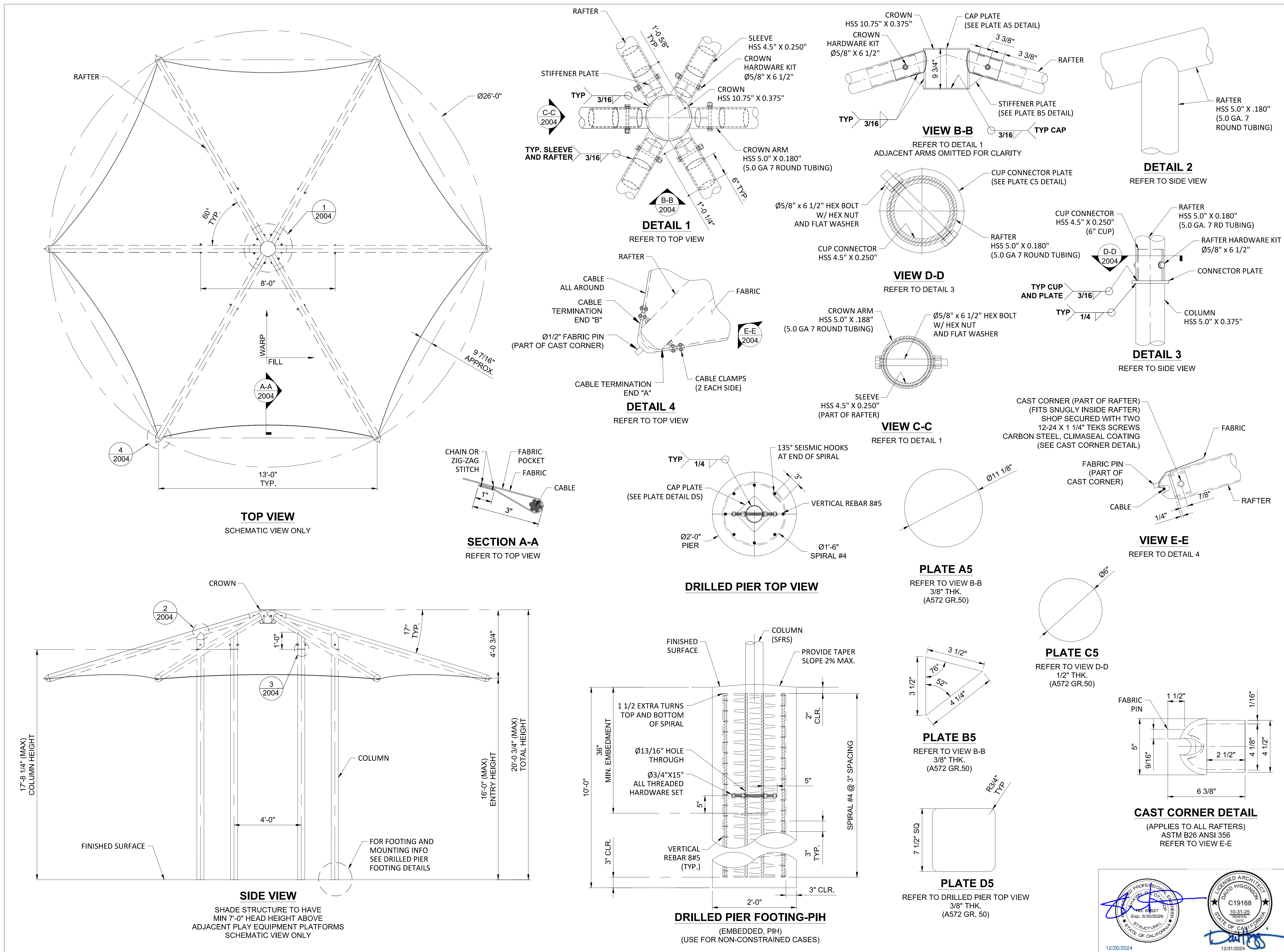
DRAWING DESCRIPTION:

VIEWS & DETAILS_1

DWG. **DSA-INT-PC-2000**

SHEET **2000**

REV. **NC**



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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:
El Monte City School District

PROJECT NAME:
Wilkerson Elementary Kinder

LOCATION:
2700 Doreen Ave.
El Monte, CA 91733
MODEL NUMBER:
DSA-INT-HEX-2616-22

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-123733-PC
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒ CG ☐
DATE: 01/03/2025

STRUCTURE TYPE:
INTEGRATED HEXAGON
SIZE:
MAXIMUM
Ø26 X 16'e MAX.
SCALE : NONE
DRAWING SIZE: D

**PRE-CHECK (PC)
DOCUMENT**
Code : 2032 CBC
A separate project application
for construction is required.

Eng. By : OS 12/10/24
Design By : QD-RM 12/10/24
Approved By : DT-HH 12/10/24
DRAWING DESCRIPTION:

VIEWS & DETAILS_5

DWG. **DSA-INT-PC-2004**

SHEET **2004**

REV. **NC**

Commercial
NinetyFive
340FR

PRODUCT PROFILE

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

PERFORMANCE

ASTM D6534
Tensile Strength and Elongation
Maximum Force – Warp (Mean) 198.8 lbf
Elongation at Maximum Force (Mean) 89%
Maximum Force – Weft (Mean) 412.3 lbf
Elongation at Maximum Force – Weft (Mean) 49%

ASTM D2261
Tearing Strength – Tongue (Single Rip)
Mean Force – Warp 43.0 lbf
Mean Force – Weft 39.8 lbf

ASTM D6797
Bursting Strength – Ball Burst (Constant Rate of Extension)
Mean Force 408 lbf

AS 4174-2015
Shade Protection Fabric Performance

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

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

Each color individually tested and passes all certification criteria for above. Test results available upon request. NFPA 701 Class M1 in process.

FABRIC PROPERTIES
AS 2001 2.13 Mass per unit
Nominal fabric mass 340 gsm ± 20 / 10 oz/yd²
Approximate thickness 0.06 in. / 1.5 mm

ROLL SPECIFICATIONS
Nominal width 9 ft. 10 in. / 3.0m (fixed)
Length 121 ft. 3 in. / 40m
Approx. roll weight 97 lbs. / 44 kg
Approx. roll diameter 1.05 ft. / 0.32 m
Core diameter 1.38 in. / 35 mm

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

SUGGESTED SPECIFICATION
Shade cloth fabric shall be compliant to Australian standard AS 4174-2015 and shall be GALE Pacific Commercial NinetyFive 340 FR knitted HDPE monofilament & tape shade fabric offering a UVE Protection from 90 to 96%.

USA
AU
NZ
UK

P 1800 560 4667
P 1800 333 521
P 0800 555 171
P 087 4 881 7134

P 11 407 772 0563
P 01 3 30319 3396
P 0800 555 172
P 017 4 881 7107

www.galecommercial.com

New AUS 326

FLAME RETARDANT

Fabric Registration

LICENSE NUMBER: F-037801

COMMERCIAL NINETYFIVE 340FR

Product Marketed by:

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

Issue Date : 05/29/2024
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 Cortney Walker
Fire Engineering License Manager
Fire Engineering & Investigations Division

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

OFFICE OF THE STATE FIRE MARSHAL

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

Page 1 of 1

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

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IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER
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CUSTOMER:
El Monte City School District

PROJECT NAME:
Wilkerson Elementary

LOCATION:
2700 Doreen Ave.
El Monte, CA 91733

PROJECT NUMBER:
DSA-INT

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-123739 PC
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒ CG ☐
DATE: 01/03/2025

STRUCTURE TYPE:
INTEGRATED STRUCTURES
DSA

SCALE : NONE

DRAWING SIZE:
D

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

Eng. By : OS 02/02/24

Design By : QD-RM 02/02/24

Approved By : DT-HH 02/02/24

DRAWING DESCRIPTION:

SPECIFICATIONS

DWG. **DSA-INT-PC-3000**

SHEET **3000**

REV. **NC**

FORGED WIRE ROPE CLAMP

FITTING TYPE: ROPE CLAMP
FABRICATION: FORGED
MATERIAL: GALVANIZED STEEL
FOR WIRE ROPE DIAMETER: 1/4"
NUMBER OF CLAMPS REQUIRED: 2
ROPE TURNBACK: 4 3/4"
FOR WIRE ROPE CONSTRUCTION: 7 x 19
ATTACHMENT TYPE: LOOP
CLAMP
WIDTH: 1 7/16"
HEIGHT: 1 3/8"
THICKNESS: 1 1/4"
REQUIRED INSTALLATION TOOL: TORQUE WRENCH
REQUIRED TORQUE: 15 FT.-LBS.
CAPACITY: 80% OF THE ROPE'S CAPACITY
SPECIFICATIONS MET ASME B30.26, FED. SPEC. FF-C-450

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

12/20/2024

12/31/2024