PLAYGROUND REPLACEMENT PROJECT

E1-25 PORTOLA ELEMENTARY SCHOOL
6700 EAGLE ST, VENTURA, CA 93003

GENERAL NOTES

1. THE PROJECT MANUAL (SPECIFICATIONS) ISSUED AS PART OF THESE CONSTRUCTION DOCUMENTS IS AN INTEGRAL PART OF THE CONTRACT DOCUMENTS.
2. ITEMS SHOWN AS OWNER FURNISHED, CONTRACTOR INSTALLED (OFCI) ON PLANS MAY REQUIRE SEPARATE SUBMITTALS, APPROVALS AND PERMITS. INSTALLING CONTRACTOR(S) IS RESPONSIBLE FOR OBTAINING PERMITS FOR SUCH ITEMS.
3. IF SUSPECTED HAZARDOUS MATERIALS ARE FOUND DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL BRING THEM TO THE ATTENTION OF THE ARCHITECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THAT ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE APPLICABLE CODES AND FEDERAL REQUIREMENTS AND REGULATIONS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENFORCEMENT OF FEDERAL AND STATE OF CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REQUIREMENTS AND REGULATIONS.
6. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, GRADES, ELEVATIONS AND DIMENSIONS BEFORE STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES.
7. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL EXISTING UTILITY SERVICES IN THE AREA TO BE EXCAVATED PRIOR TO THE START OF EXCAVATION. THE CONTRACTOR SHALL PROTECT ALL UTILITY LINES, SERVICE LINES REQUIRED TO REMAIN. ANY UNIDENTIFIED UTILITY OR SERVICE LINES ENCOUNTERED DURING CONSTRUCTION SHALL BE IDENTIFIED AND BROUGHT TO THE ATTENTION OF THE ARCHITECT.
8. WHERE PATCH AND REPAIR CONDITIONS APPLY AND MATERIALS ARE INTENDED TO BE CONTINUOUS, CONTRACTOR SHALL ENSURE FINISH IS ALIGNED SMOOTH AND CONTINUOUS AND TEXTURE AND COLOR MATCH THE ORIGINAL.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THAT ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE APPLICABLE CODES AND FEDERAL REQUIREMENTS AND REGULATIONS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENFORCEMENT OF FEDERAL AND STATE OF CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REQUIREMENTS AND REGULATIONS.
11. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.
12. DO NOT SCALE CONTRACT DOCUMENTS. CAD AND MODEL FILES PROVIDED TO THE CONTRACTOR FOR THEIR USE SHALL NOT BE USED TO DETERMINE DIMENSIONS NOT SHOWN IN THE CONTRACT DOCUMENTS.
13. CONTRACTOR ACKNOWLEDGES THAT DRAWINGS REPRESENT THE INTENT OF THE WORK TO BE ACCOMPLISHED AND RELEVANT DETAILS ARE PROVIDED. IF ADDITIONAL DETAILS ARE REQUIRED, THEY WILL BE AVAILABLE THROUGH THE TYPICAL CONSTRUCTION PROCESS. CONTRACTOR IS TO INSTALL MATERIALS AND SYSTEMS WITH EXPERIENCED SKILLED CRAFTSMEN WHO WILL BE RESPONSIBLE FOR THE INTEGRITY OF THEIR RESPECTIVE WORK. NOT EVERY DETAIL OF EACH CONDITION IS DRAWN. CONTRACTOR AND SUB-CONTRACTOR ARE RESPONSIBLE FOR COMPLETE WORKMANLIKE INSTALLATION OF ALL MATERIALS AND SYSTEMS.
14. IF THE CONTRACTOR IDENTIFIES DIMENSIONS THAT ARE IN CONFLICT OR REQUIRED DIMENSIONS ARE MISSING, THE CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION (RFI) TO THE ARCHITECT. DO NOT INTERPRET OR SCALE THE DRAWINGS OR DIGITAL MODEL.
15. IF THE CONTRACTOR IDENTIFIES NOTES OR DETAILS THAT APPEAR TO BE IN CONFLICT WITH THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION (RFI) TO THE ARCHITECT.
16. ANY ERRORS, OMMISSIONS OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY PRIOR TO PROCEEDING WITH THE WORK.
17. PROVIDE A MINIMUM 2% SLOPE TO DRAIN AT HARDSCAPED AREAS AND MAINTAIN LESS THAN 2% CROSS SLOPE ALONG ANY ACCESSIBLE PATH OF TRAVEL UNLESS OTHERWISE NOTED.
18. CONTRACTOR SHALL ENSURE ALL FLOOR FINISH MATERIALS WILL BE FLUSH WITH ADJACENT WALKING SURFACES UNLESS NOTED OTHERWISE.

ACCESS COMPLIANCE NOTES

WALKS AND SIDEWALKS

1. CONTINUOUS SURFACE: WALKS & SIDEWALKS SUBJECT TO THESE REGULATIONS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2 INCH & SHALL BE A MINIMUM OF 48 INCHES IN WIDTH. 1/2" CHANGE IN ELEVATION SHALL BE BEVELED 1:2 WITH 1/4" MAXIMUM VERTICAL (CBC SECTIONS 11B-302 & 11B-303). SURFACES SHALL BE SLIP-RESISTANT AS FOLLOWS (CBC SECTION 11B-403.2):
   A. SLOPES LESS THAN 6 PERCENT: SURFACES WITH A SLOPE OF LESS THAN 6 PERCENT GRADIENT SHALL BE AT LEAST AS SLIP-RESISTANT AS DESCRIBED FOR A MEDIUM SALTED (MEDIUM BROOM) FINISH.
   B. SLOPES 6 PERCENT OR GREATER: SURFACES WITH A SLOPE GREATER THAN 6 PERCENT GRADIENT SHALL BE SLIP-RESISTANT.
   C. SURFACE CROSS-SLOPES: SURFACE CROSS-SLOPES SHALL NOT EXCEED 2%.
2. GRATINGS: WALKS, SIDEWALKS AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2 INCH (13 MM) IN THE DIRECTION OF TRAFFIC FLOW. (CBC SECTION 11B-302.3)
3. CHANGES IN LEVEL: ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2 INCH. WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT VERTICAL IN 2 UNITS HORIZONTAL, EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4 INCH MAY BE VERTICAL. WHEN CHANGES IN LEVELS GREATER THAN 1/2 INCH ARE NECESSARY THEY SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS. (CBC SECTION 11B-403.4 AND SECTION 11B-406)
4. WARNING CURBS: ABRUPT CHANGES IN LEVEL, EXCEPT BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY, EXCEEDING 4 INCHES IN A VERTICAL DIMENSION, SUCH AS AT PLANTERS OR FOUNDATIONS LOCATED IN OR ADJACENT TO WALKS, SIDEWALKS OR OTHER PEDESTRIAN WAYS, SHALL BE IDENTIFIED BY CURBS PROJECTING AT LEAST 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE TO WARN THE BLIND OF A POTENTIAL DROP OFF. WHEN A GUARDRAIL OR HANDRAIL IS PROVIDED, NO CURB IS REQUIRED WHEN A GUIDE RAIL IS PROVIDED CENTERED 3 INCHES PLUS OR MINUS 1 INCH ABOVE THE SURFACE OF THE WALK OR SIDEWALK, THE WALK IS 5 PERCENT OR LESS GRADIENT OR NO ADJACENT HAZARD EXISTS. (SECTION 11B-303.5)
5. MANEUVERING CLEARANCE: PROVIDE A 60" X 60" LEVEL AREA WHERE A DOOR (OR GATE) SWINGS TOWARD THE WALK IN THE ACCESSIBLE ROUTE OF TRAVEL. EXTEND WALK A MINIMUM 24" BEYOND THE STRIKE EDGE OF ANY DOOR (OR GATE) THAT SWINGS TOWARDS THE WALK.
6. RESTING AREA: WALKS WITH CONTINUOUS GRADIENTS SHALL BE PROVIDED WITH LEVEL AREAS A MINIMUM 5'-0" LONG AT INTERVALS OF 400'-0" MAXIMUM PER SECTION 11B-403.7.
7. DETECTABLE WARNING: A 36" WIDE DETECTABLE WARNING MATERIAL SHALL BE PROVIDED AT BOUNDARIES BETWEEN WALKWAYS AND VEHICULAR WAYS. MATERIAL SHALL COMPLY WITH CRITERIA OF CBC SECTION 11B-705.
   A. COLOR YELLOW FOR DETECTABLE WARNING SURFACE SHALL CONFORM TO COLOR NO. 33538 PER FEDERAL STANDARD NO. 595C. CBC SECTIONS 11B-705.1.1.3.
   B. PROVIDE MINIMUM 5 YEAR WARRANTY FOR DETECTABLE WARNING SURFACE.

ACCESSIBLE P.O.T. NOTES PR 15-01

1. THE PATH OF TRAVEL (P.O.T.) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQ. FOR ALTERATIONS, ADDITIONS, AND STRUCTURAL REPAIRS.
   A. 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 HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS, AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS.
   B. 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.
2. DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE 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.
3. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDING OBJECTS GREATER THAN 4" FROM THE WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
4. ALL GRATINGS IN PATH OF TRAVEL SHALL HAVE GAPS NO GREATER THAN 1/2" IN THE DIRECTION OF TRAVEL.
5. ALL EXISTING BUILDINGS, PARKING LOTS, PATHS OF TRAVEL, SANITARY FACILITIES, DRINKING FOUNTAINS, SIGNAGE & PUBLIC TELEPHONES DSA CERTIFIED UNDER A#'S INDICATED.

INSPECTOR OF RECORD DSA IR A-7

A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. THE PROJECT INSPECTOR SHALL BE CERTIFIED BY DSA TO INSPECT CLASS III MINIMUM CONTRUCTION PER DSA IR A-7.

PROJECT DESCRIPTION

- EXISTING TREE PROTECTION.
- REMOVAL AND DISPOSAL OF EXISTING PLAY EQUIPMENT, SURFACES AND CONCRETE CURBS.
- GRADING, DRAINAGE AND SUBSURFACE SOIL PREPARATION FOR FINISH SURFACES.
- CONCRETE SEAT WALLS AND RETAINING SEAT WALLS.
- TRENCH DRAIN.
- INSTALLATION OF OWNER-FURNISHED PLAY EQUIPMENT AND SIGNAGE.
- PLAY SURFACES AND LANDSCAPING.
- MODIFICATIONS OF EXISTING IRRIGATION AND INSTALLATION OF NEW IRRIGATION.
- INSTALLATION OF NEW DRINKING FOUNTAIN.
- INSTALLATION OF MISC. SITE ACCESS IMPROVEMENTS AS INDICATED.
- NEW ASPHALT AT EXISTING DECOMMISSIONED PLAY AREA.
- PATCH AND SLURRY SEAL EXISTING ASPHALT.
- STRIPE GAMES.
- TURF REPAIR FOR EXISTING TURF AREAS DISTURBED BY CONSTRUCTION OPERATIONS AND WHERE PLAY EQUIPMENT REMOVED.

FIRE DEPARTMENT NOTES

A. EXISTING FIRE DEPARTMENT ACCESS TO REMAIN.
B. MAINTAIN A MINIMUM, UNOBSTRUCTED WIDTH OF 20 FEET CLEAR TO SKY, VEHICULAR ACCESS TO WITHIN 150 FEET OF ALL PORTIONS OF THE EXTERIOR WALLS. FIRE CODE 902.2.1
C. VEHICULAR ACCESS MUST BE PROVIDED AND MAINTAINED SERVICEABLE THROUGHOUT CONSTRUCTION.
D. THE FIRE FLOW FOR ON-SITE HYDRANT MEETS THE REQUIREMENTS FOR THIS FIRE AUTHORITY.

APPLICABLE CODE OF REGULATIONS

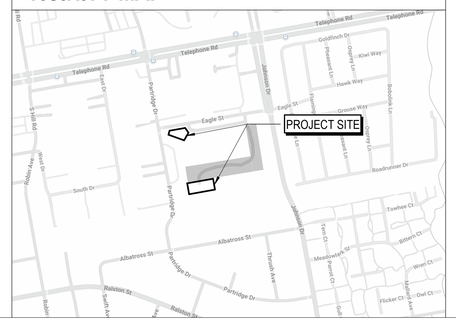
SITE CONSTRUCTION SHALL COMPLY WITH THE RELEVANT PORTIONS OF FOLLOWING PARTS OF THE TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS (CCR):

2022 CALIFORNIA BUILDING STANDARDS CODE C.C.R. TITLE 24:
2022 CALIFORNIA ADMINISTRATIVE CODE, C.C.R. TITLE 24 PART 1
2022 CALIFORNIA BUILDING CODE (CBC), C.C.R. TITLE 24 PART 2
2022 CALIFORNIA FIRE CODE, C.C.R. TITLE 24 PART 9
2022 CALIFORNIA REFERENCED STANDARDS CODE, C.C.R. TITLE 24 PART 12

TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

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

VICINITY MAP



SHEET LIST 27 SHEETS

ARCHITECTURAL 2 SHEETS

A-0.05 TITLE SHEET
A-1.05 SITE ACCESS PLAN & DETAILS

LANDSCAPE 25 SHEETS

LD-0.01 TREE PROTECTION PLAN
C-1.01 SURVEY CONTROL PLAN
C-1.02 SURVEY CONTROL PLAN
C-1.03 SURVEY CONTROL PLAN
C-1.04 SURVEY CONTROL PLAN
LD-1.01 DEMOLITION PLAN
LD-1.02 DEMOLITION PLAN
LC-0.01 CONSTRUCTION NOTES & SCHEDULES
LC-0.02 CONSTRUCTION NOTES & SCHEDULES
LC-0.03 PLAYGROUND ACCESSIBILITY PLAN
LC-0.04 PLAYGROUND ACCESSIBILITY PLAN
LC-1.01 CONSTRUCTION & GRADING PLAN
LC-1.02 CONSTRUCTION & GRADING PLAN
LC-1.03 ASPHALT REPAIR/RESTRIPE PLAN
LC-2.01 HORIZONTAL CONTROL PLAN
LC-2.02 HORIZONTAL CONTROL PLAN
LC-3.01 CONSTRUCTION DETAILS
LC-3.02 CONSTRUCTION DETAILS
LC-3.03 CONSTRUCTION DETAILS
LI-1.01 IRRIGATION PLAN
LI-1.02 IRRIGATION PLAN
LP-0.01 LANDSCAPE NOTES & SCHEDULES
LP-1.01 PLANTING PLANS
LP-1.02 PLANTING PLANS
LP-2.01 PLANTING & IRRIGATION DETAILS

PROJECT TEAM

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VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS E1-25

6700 EAGLE ST, VENTURA, CA 93003

CONSTRUCTION DOCUMENTS

No.	Description	Date

Sheet Name

TITLE SHEET

1012.00
Date 10/15/2025
Drawn by EE
Checked by CY

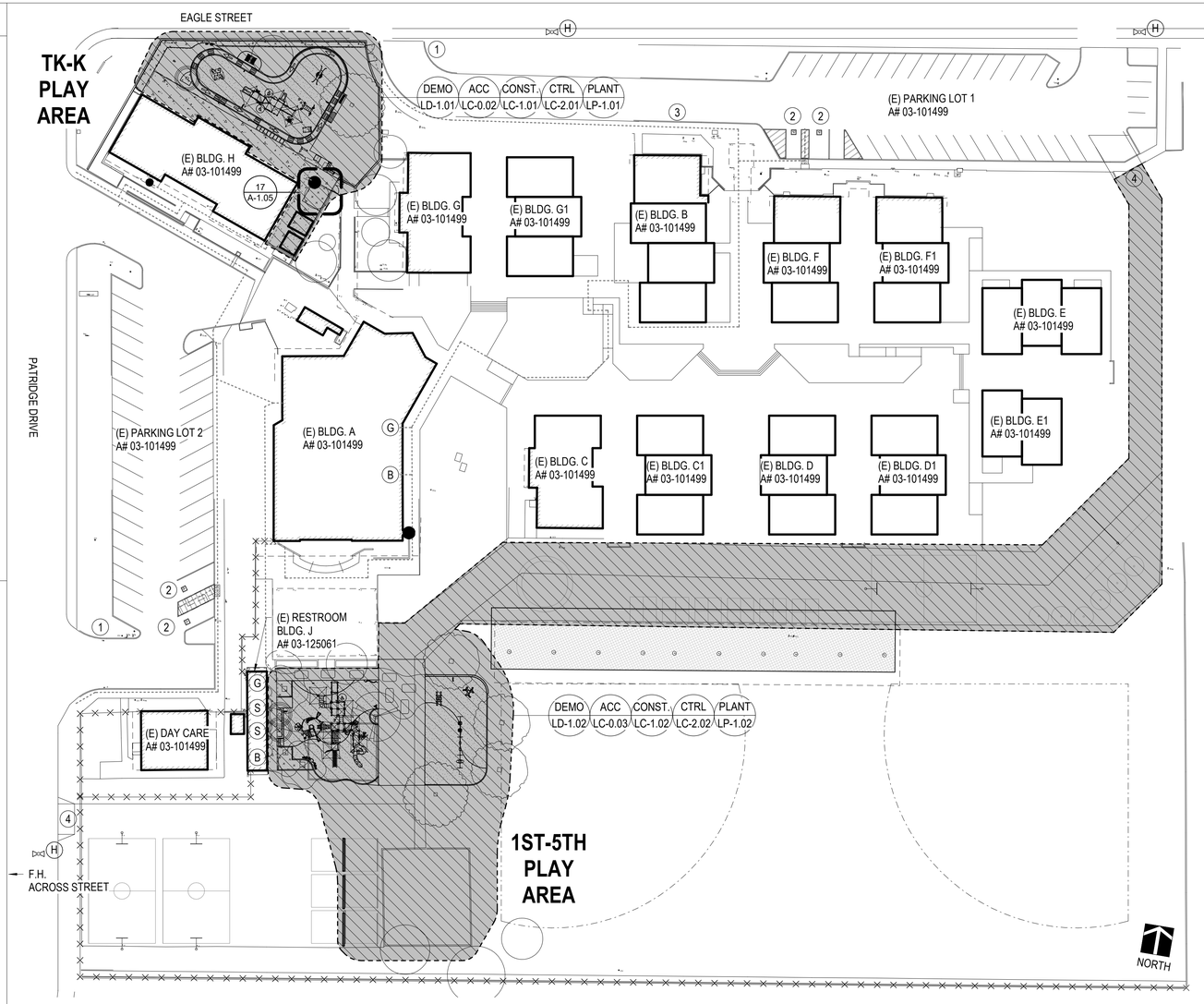
Sheet Number

A-0.05

Autodesk Docs://1031 - VUSD Anacapa MS/1012 VUSD Play Equipment_2.rvt

DSA CERTIFICATION STATUS

DSA APPL. NO.	CERTIFICATION STATUS
MEDIA CENTER BUILDING A **03-101499**	#2 CERTIFICATION
CLASSROOM BUILDINGS B **03-101499**	#2 CERTIFICATION
CLASSROOM BUILDINGS C & C1 **03-101499**	#2 CERTIFICATION
CLASSROOM BUILDINGS D & D1 **03-101499**	#2 CERTIFICATION
CLASSROOM BUILDINGS E & E1 **03-101499**	#2 CERTIFICATION
CLASSROOM BUILDINGS F & F1 **03-101499**	#2 CERTIFICATION
CLASSROOM BUILDINGS G & G1 **03-101499**	#2 CERTIFICATION
CLASSROOM BUILDINGS H **03-101499**	#2 CERTIFICATION
PARKING LOTS **03-101499**	#2 CERTIFICATION
RESTROOM BUILDING J **03-125061**	



PORTOLA SITE PLAN — 1" = 40'-0" (1)

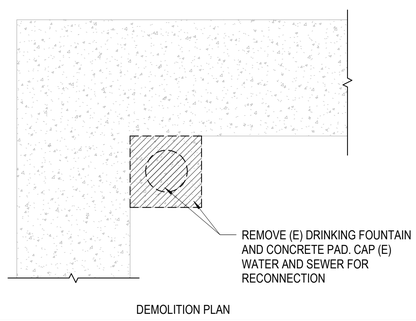
PARKING CALCULATION

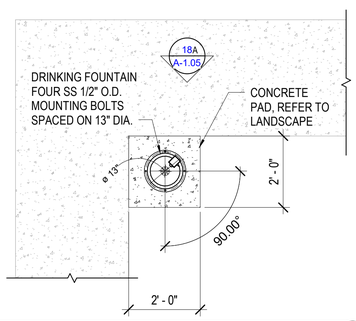
LOT 1	EXISTING	REQUIRED.
PARKING SPACES:	37	-
ACCESSIBLE:	2	2
VAN ACCESSIBLE:	1	1

LOT 2	EXISTING	REQUIRED.
PARKING SPACES:	38	-
ACCESSIBLE:	2	2
VAN ACCESSIBLE:	1	1

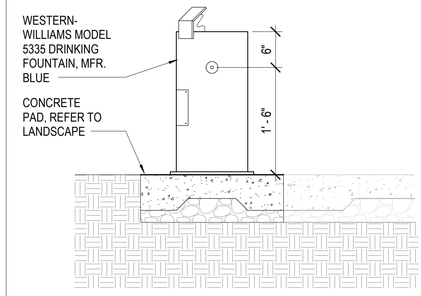
LEGEND

- AREA OF WORK, REFER TO LANDSCAPE PLANS
- EXISTING ACCESSIBLE PATH OF TRAVEL A#03-101499, REF. LANDSCAPE FOR CON'T.
- (E) TRUNCATED DOMES A#03-125061
- (H) (E) FIRE HYDRANT
- (B) (E) ACCESSIBLE BOYS' TOILET ROOM
- (G) (E) ACCESSIBLE GIRLS' TOILET ROOM
- (S) (E) ACCESSIBLE STAFF TOILET ROOM
- (E) ACCESSIBLE DRINKING FOUNTAIN A#03-101499
- (1) (E) TOW-AWAY SIGN A#125061
- (2) (E) ACCESSIBLE PARKING STALL WITH SIGN NOTIFYING OF MIN. FINE $250 @ 80" ABOVE ACCESSIBLE PATH
- (3) (E) ACCESSIBLE LOADING ZONE A#03-125061
- (4) (E) KNOX BOX ON GATE A#03-125061





DRINKING FOUNTAIN PLAN — 1/2" = 1'-0" (17)



DRINKING FOUNTAIN ELEVATION A — 1" = 1'-0" (18)

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CONSTRUCTION DOCUMENTS

No.	Description	Date
1	BID ADD 1	2/12/2025

Sheet Name

SITE ACCESS PLAN & DETAILS

	1012.00
Date	09/29/25
Drawn by	EE
Checked by	CY

Sheet Number

A-1.05

Autodesk Docs://1031 - VUSD Anacapa MS/1012 VUSD Play Equipment_2.rvt

ABBREVIATIONS:

#	Number	ID	Inside Diameter
&	And	IJ	Isolation Joint
@	At	ILO	In Lieu Of
*(#)	Quantity	IN	Inch
		INT	Interior
A/C	Air Conditioner	INV	Invert
AC	Asphalt Concrete		
ACT	Acoustic Ceiling Tile	JB	Junction Box
AD	Area Drain	JT	Joint
AGG	Aggregate		
ALIGN	Alignment	LB	Pound
APPROX	Approximate	LF	Linear Feet
ARCH	Architect(ural)	LO	Low
		LOW	Limit of Work
BC	Bottom of Curb	LP	Low Point
BCR	Beginning of Curve Radius		
BD	Board	MAX	Maximum
BF	Bottom of Fence	MECH	Mechanical
BL	Base Line	MH	Manhole
BLDG	Building	MIN	Minimum
BM	Benchmark	MISC	Miscellaneous
BOC	Back of Curb	MTL	Metal
BOP	Bottom of Pipe		
BOR	Bottom of Ramp	N	North
BOS	Bottom of Slope	NIC	Not In Contract
BOT	Bottom	NO	Number
BS	Bottom of Step	NOM	Nominal
BVC	Beginning of Vertical Curve	NTS	Not To Scale
BW	Bottom of Wall		
BYND	Beyond	OC	On Center
		OD	Outside Diameter
CAB	Crushed Aggregate Base	OE	Or Equal
CB	Catch Basin	OPP	Opposite
CFS	Cubic Feet per Second		
CHNL	Channel	PA	Planting Area
CI	Cast Iron	PCC	Pre-Cast Concrete
CIP	Cast-in-Place	PI	Point of Intersection
CIP	Cast In Place	PIP	Protect in Place
CJ	Control Joint	PL	Property Line
CLR	Clearance	PLUMB	Plumbing
CMB	Crushed Miscellaneous Base	PLYD	Plywood
CMP	Corrugated Metal Pipe	POC	Point of Connection
CMU	Concrete Masonry Unit	POVC	Point of Vertical Curve
CO	Cleanout	PREP	Preparation
COL	Column	PSI	Pounds per Square Inch
CONC	Concrete	PT	Pressure Treated
CONT	Continuous	PT	Point of Tangency
		PVC	Polyvinyl Chloride
DBL	Double	PVI	Point of Vertical Intersection
DEMO	Demolish or Demolition	PVMT	Pavement
DET	Detail		
DI	Drain Inlet	R/W, ROW	Right of Way
DIA	Diameter	RAD	Radius
DIAG	Diagonal	RCP	Reinforced Concrete Pipe
DIM	Dimension		
DN	Down	RE	Rim Elevation
DR	Door	RECPT	Receptacle
DWG	Drawing	REF	Reference
		REINF	Reinforced
E	East	REQ	Required
EA	Each	REV	Revision
EJ	Expansion Joint	RM	Room
EL	Elevation	RP	Radius Point
ELEC	Electrical		
ELEV	Elevator or Elevation	S	South
ENCL	Enclosure	SCH	Schedule
EP	Edge of Pavement	SF	Square Feet
EQ	Equal	SHT	Sheet
EX OR (E)	Existing	SIM	Similar
EXP JT	Expansion Joint	SIM	Similar
EXT	Exterior	SPEC	Specified OR Specification
		SQ	Square
FD	Floor Drain	SS	Stainless Steel
FDN	Foundation	STA	Station
FEC	Fire Extinguisher Cabinet	STD	Standard
FF	Finish Floor	STL	Steel
FFE	Finish Floor Elevation	STRUCT	Structure or Structural
FG	Finish Grade	SW	Sewer
FH	Fire Hydrant		
FIXT	Fixture	T/D	Telephone/Data
FL	Flow Line	TBD	To Be Determined
FLR	Floor	TC	Top of Curb
FM	Filled Metal	TD	Top of Drain
FND	Foundation	TELE	Telephone
FOB	Face of Building	TF	Top of Fence
FOC	Face of Curb	THK	Thick
FOF	Face of Finish	TOB	Top of Beam
FOS	Face of Step	TOC	Top of Cap
FOW	Face of Wall	TOR	Top of Ramp
FS	Finish Surface	TOS	Top of Slope
FTG	Footing	TS	Top of Step
		TW	Top of Wall
G	Gas	TYP	Typical
GA	Gauge		
GALV	Galvanized	UNO	Unless Noted Otherwise
GB	Grade Break		
GC	General Contractor	VERT	Vertical
GR	Grade	VIF	Verify In Field
HB	Hose Bib	W	West
HC	Handicap	W/	With
HDR	Header	W/O	Without
HI	High	WC	Water Closet
HORIZ	Horizontal	WI	Wrought Iron
HP	High Point	WP	Waterproof
HR	Hour	WS	Water Surface
HT	Height		
HVAC	Heating, Ventilating, and Air Conditioning		

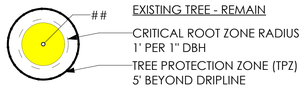
PLANTING NOTES

1. SEE PLANTING PLAN ON SHEET LP-0.01- LP-1.03 FOR LOCATION OF NEW TREES.

EXISTING TREE SCHEDULE

ID	LATIN NAME	COMMON NAME	ACTION
E01	*Lophostemon confertus*	Brisbane Box	Retain
E02	*Lophostemon confertus*	Brisbane Box	Retain
E03	*Pittosporum undulatum*	Victorian Box	Retain
E04	*Lophostemon confertus*	Brisbane Box	Retain
E05	*Lophostemon confertus*	Brisbane Box	Retain
E06	*Lophostemon confertus*	Brisbane Box	Retain
E07	*Lophostemon confertus*	Brisbane Box	Retain
E08	*Alnus rhombifolia*	White Alder	Retain
E09	*Eriobotrya japonica*	Japanese Loquat	Retain
E10	*Fraxinus species*	Ash Species	Retain
E11	*Melaleuca salicina*	Willow Bottlebrush	Retain
E12	*Cupaniopsis anacardioides*	Carrot Wood	Retain
E13	*Lophostemon confertus*	Brisbane Box	Retain

TREE PROTECTION PLAN LEGEND



CONSTRUCTION TREE PROTECTION NOTES

1. ONCE A MONTH SOAK THE ROOTZONE OF THE PROTECTED TREES.
2. TREE PROTECTION ZONE RESTRICTIONS:
   A. STAY OUT OF THE FENCED AREA WITHOUT THE APPROVAL OF THE JOB SITE SUPERINTENDENT.
   B. ANY TRENCHING, GRADING OR EXCAVATING, WITHIN THE FENCED AREAS SHALL BE APPROVED BEFORE HAND BY THE OWNER'S LANDSCAPE ARCHITECT. ANY SUCH WORK APPROVED SHALL BE MONITORED BY A PARTY SELECTED BY THE OWNER. THE MONITOR SHALL OBSERVE TRENCHING, GRADING OR EXCAVATING AND REPORT WHETHER THE WORK WAS PERFORMED ACCORDING TO THE PROTECTION PLAN AND WHETHER UNEXPECTED DAMAGE OCCURRED AND ANY RECOMMENDED TREATMENT FOR THE DAMAGE.
   C. PRIOR TO TRENCHING, GRADING OR EXCAVATING WITHIN THE TPZ, CONTRACTOR SHALL VERIFY THAT ROOT PRUNING HAS BEEN COMPLETED.
   D. NO EQUIPMENT, SOIL, OR CONSTRUCTION MATERIALS SHALL BE STORED IN THE TPZ.
   E. NO OIL, GASOLINE, CHEMICALS, PAINTS, SOLVENTS, OR OTHER DAMAGING MATERIALS MAY BE DUMPED WITHIN THE TPZ.
   F. GRADE CHANGES OUTSIDE OF THE TPZ SHALL NOT SIGNIFICANTLY ALTER DRAINAGE TO PROTECTED TREES.
3. REPORT ANY INADVERTENT DAMAGE TO THE TREES TO THE SCHOOL DISTRICT.
4. MONITOR THE HEALTH OF THE TREES AND REPORT OBVIOUS HEALTH DECLINE TO THE SCHOOL DISTRICT.
5. A QUALIFIED ARBORIST SELECTED BY THE OWNER SHALL PERFORM A HEALTH ASSESSMENT OF ALL THE PROTECTED TREES AT THE END OF CONSTRUCTION. THAT ASSESSMENT SHALL FORM THE BASIS FOR POST-CONSTRUCTION MONITORING.

TREE PROTECTION PLAN

THE FOLLOWING MEASURES SHALL BE TAKEN TO PROTECT TREES BEFORE, DURING AND AFTER CONSTRUCTION

PRECONSTRUCTION TREE PROTECTION NOTES

1. A COPY OF THE PROTECTION PLAN SHOULD BE AVAILABLE ON SITE THROUGHOUT CONSTRUCTION.
2. CONTRACTOR TO SCHEDULE A PRE-CONSTRUCTION MEETING: THE OWNER'S LANDSCAPE ARCHITECT SHALL ATTEND A PRE-CONSTRUCTION MEETING WITH THE GENERAL CONTRACTORS' SUPERINTENDENT TO REVIEW THE TREE PROTECTION PLAN AND CONFIRM THAT THE PROTECTION FENCES AND SIGNS ARE IN PLACE PRIOR TO ANY WORK BEING DONE ON THE SITE.
3. POST SIGNS ON THE PROTECTIVE FENCING AROUND PROTECTED TREES. LETTERING SHOULD BE AT LEAST 1" HIGH AND READ AS FOLLOWS:

WARNING	ADVERTENCIA
TREE PROTECTION ZONE	ZONA DE PROTECCIÓN DE ÁRBOLES
Entry prohibited. This fence shall remain in place throughout the entire construction period. To report violations, contact Construction Superintendent	Entrada prohibida. Esta cerca debe permanecer en su lugar durante el periodo de construcción. Para reportar violaciones, contacte al ENFORZAMIENTO

4. TREE PROTECTION FENCING IS REQUIRED PER PLAN. THE OUTLINE OF STRUCTURES AND PAVING UNDER THE CANOPY OF THE PROTECTED TREE(S), THE TREE PROTECTION ZONE (TPZ), SHALL BE CLEARLY MARKED BY THE OWNER AND/OR CONTRACTOR PRIOR TO FENCING INSTALLATION.



TREE PROTECTION PLAN

SCALE: 1" = 30'-0"

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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZIELSDORF
#6044
Signature
10/31/27
Renewal Date
10/20/25
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS E1-25

6700 EAGLE ST,
VENTURA, CA 93003

CONSTRUCTION DOCUMENTS

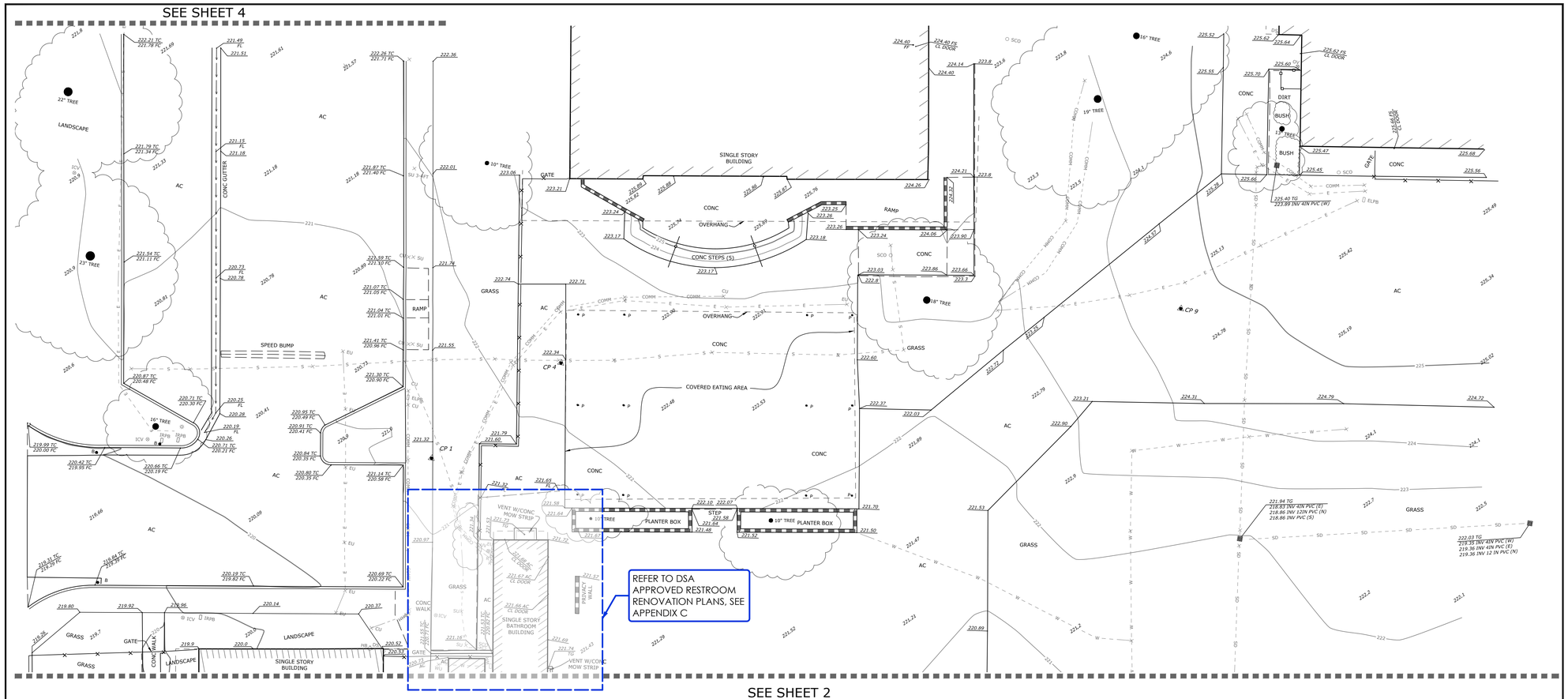
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TREE PROTECTION PLAN

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Drawn by	EM
Checked by	BM, MZ
Sheet Number	LD-0.01

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MAPPING LEGEND *(ITEMS LISTED BELOW MAY NOT BE SHOWN ON MAP)*

ABBREVIATIONS

AC	ASPHALT CONCRETE	LTT	LEAD, TACK & TAG
BW	BACK OF WALK	M	MEASURED
CATV	CABLE TV	N'LY	NORTHERLY
CAB	CABINET	NE'LY	NORTHEASTERLY
CB	CATCH BASIN	NW'LY	NORTHWESTERLY
CF	CALCULATED FROM	N	NORTH
CL	CENTERLINE	OAK	OAK TREE
CLF	CHAIN LINK FENCE	OHW	OVERHEAD WIRES
CMP	CORRUGATED METAL PIPE	PB	PULLBOX
CO	CLEAN OUT	PVC	POLYVINYL CHLORIDE (PIPE)
COMM	COMMUNICATIONS	RCP	REINFORCED CONCRETE PIPE
CONC	CONCRETE	R/W	RIGHT OF WAY
CP	CONTROL POINT	S'LY	SOUTHERLY
DI	DRAIN INLET	SE'LY	SOUTHEASTERLY
DS	DOWN SPOUT	SW'LY	SOUTHWESTERLY
E'LY	EASTERLY	S	SOUTH
E	EAST	SS	SANITARY SEWER
EP	EDGE OF PAVEMENT	SD	STORM DRAIN
ELEC	ELECTRIC	SYC	SYCAMORE TREE
EUC	EUCALYPTUS TREE	TC	TOP OF CURB
FC	FACE OF CURB (AT BOTTOM)	TG	TOP OF GRATE
FF	FINISHED FLOOR	TS	TRAFFIC SIGNAL
FL	FLOW LINE	TW	TOP OF WALL
FND	FOUND	TXR	TRANSFORMER
FOC	FIBER OPTIC CABLE	UM	UTILITY MARK
FS	FINISHED SURFACE	UNK	UNKNOWN
FTC	FROM TRUE CORNER	VC	VITRIFIED CLAY (PIPE)
HCR	HANDICAP RAMP	VT	VAULT
HDPE	HIGH DENSITY POLYETHYLENE (PIPE)	W	WEST
IP	IRON PIPE	W'LY	WESTERLY

SYMBOLS

BFP	- BACK FLOW PREVENTER
B	- BOLLARD
DI	- DRAIN INLET
FDC	- FIRE DEPARTMENT CONNECTION
FH	- FIRE HYDRANT
GUY	- GUY-ANCHOR
HB	- HOSE BIB
MB	- MAILBOX
GM	- GAS METER
WM	- WATER METER
TMH	- TELEPHONE MANHOLE
FOMH	- FIBER OPTIC MANHOLE
SDMH	- STORM DRAIN MANHOLE
SMH	- SEWER MANHOLE
MH	- MANHOLE
CATV	- CABLE TV PULLBOX
COMM	- COMMUNICATION PULLBOX
ELPB	- ELECTRIC PULLBOX
GAS	- GAS PULLBOX
SLPB	- STREET LIGHT PULLBOX
TSPB	- TRAFFIC SIGNAL PULLBOX
WPB	- WATER PULLBOX
	- PILASTER
PIV	- POST INDICATOR VALVE
GUY-P	- GUY POLE
	- POLE - LIGHT
	- POLE - TRAFFIC SIGNAL ARM
	- POLE - TRAFFIC SIGNAL
UP	- POLE - UTILITY
R	- UTILITY RISER
SCO	- SEWER CLEAN OUT
	- SIGN
	- SIGN W/ DOUBLE POST
	- TREE
	- UTILITY MARK
GV	- GAS VALVE
ICV	- IRRIGATION CONTROL VALVE
V	- VALVE (UNSPECIFIED)
WV	- WATER VALVE
CP1	- CONTROL POINT
	- FOUND MONUMENT AS NOTED
2529.43 TC	- SPOT ELEVATION (GROUND SURVEY)
2529.4	- SPOT ELEVATION (GROUND SURVEY)
382.2	- SPOT ELEVATION (AERIAL SURVEY)

LINETYPES

- BOUNDARY LINE
- EASEMENT LINE
- RIGHT OF WAY LINE
- FLOWLINE
- BUILDING OVERHANG
- BUILDING FACE
- CONTOUR LINE
- CURB
- CENTERLINE
- EDGE OF PAVEMENT
- CHAINLINK/BARBWIRE FENCE
- POST FENCE
- WOOD FENCE
- GUARD RAIL
- WALL
- CABLE TV
- COMMUNICATIONS
- ELECTRIC
- FIBER OPTIC CABLE
- IRRIGATION
- NATURAL GAS
- SANITARY SEWER
- STORM DRAIN
- TRAFFIC SIGNAL
- WATER
- OVERHEAD WIRE
- PAINTED STRIPING

SURVEY NOTES

1. MAPPING

TOPOGRAPHIC MAPPING WAS COMPILED AT A SCALE OF 1"=10, WITH A 1 FOOT CONTOUR INTERVAL FROM DATA COLLECTED IN A FIELD SURVEY PERFORMED USING CONVENTIONAL EQUIPMENT AND PROCEDURES ON OCTOBER 11, 2024, AT THE REQUEST OF VUSD.

2. RECORD COMPILED BOUNDARY AND EASEMENTS

BOUNDARY TO FOLLOW

3. BASIS OF BEARINGS AND COORDINATES

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM NAD83, ZONE 5, EPOCH 2017.50 AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS (CGPS) AND/OR CONTINUOUS OPERATING REFERENCE STATIONS (CORS) SOMT & VNCO BEING SOUTH 73°35'09" WEST AS DERIVED FROM GEODETIC VALUES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC).

4. ELEVATIONS

THE VERTICAL DATUM OF THIS SURVEY IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), PER GPS TIES & GEOID MODELING (GEOID18) TO CGPS STATION SOMT. ELLIPSOID HEIGHTS ARE CONSTRAINED PER CSRC. NO COUNTY BENCHMARKS WERE MEASURED IN THIS SURVEY.

5. UTILITIES

SURFACE UTILITY FEATURES SHOWN HEREON WERE LOCATED AS A PART OF THE FIELD SURVEY PERFORMED BY ECG BASED ON VISIBILITY ON THE DATE OF SURVEY. NO RESEARCH OR MAPPING OF SUBSURFACE UTILITIES HAS BEEN PERFORMED.

CONTROL TABLE

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1920693.55	6198324.46	221.28	SET SCRIBED X
2	1920584.14	6198340.02	218.81	SET MAG W/ WASHER
3	1920629.02	6198456.98	219.91	SET MAG W/ WASHER
4	1920718.93	6198348.67	222.32	SET MAG W/ WASHER
5	1921069.12	6198491.36	229.41	SET SCRIBED X
6	1921109.61	6198764.33	230.80	SET SCRIBED X
7	1921042.42	6198598.66	229.90	SET SCRIBED X
8	1920623.93	6198249.26	218.99	SET 60D MAG
9	1920754.10	6198479.86	224.70	SET MAG W/ WASHER
10	1920939.64	6198282.12	227.19	SET SCRIBED X
11	1920967.71	6198203.41	227.16	SET SCRIBED X
12	1921014.53	6198216.79	227.01	SET 60D MAG
13	1920998.97	6198331.24	227.39	SET 60D MAG
14	1920922.06	6198389.10	226.28	SET SCRIBED X
15	1920876.32	6198353.08	224.36	SET SCRIBED X

REVISIONS

MARK	DATE	DESCRIPTION	BY

REVIEWED BY:

DATE

DATE

Draft Print
02/13/2025 11:06 AM

PROFESSIONAL LAND SURVEYOR
BENJAMIN F. CLARK
NO 8552
STATE OF CALIFORNIA

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PROJECT SURVEYOR
P.L.S. 8552

DATE: 2/13/2025

TOPOGRAPHIC MAP
PORTOLA ELEMENTARY SCHOOL
VENTURA UNIFIED SCHOOL DISTRICT
VENTURA, CA

SCALE: HORIZ. 1" = 10' VERT. N/A
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SHEET NO. 1 OF 4

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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZITELSDORF
#6044
Signature
10/31/27
Renewal Date
10/20/25
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS E1-25

6700 EAGLE ST,
VENTURA, CA 93003

CONSTRUCTION DOCUMENTS

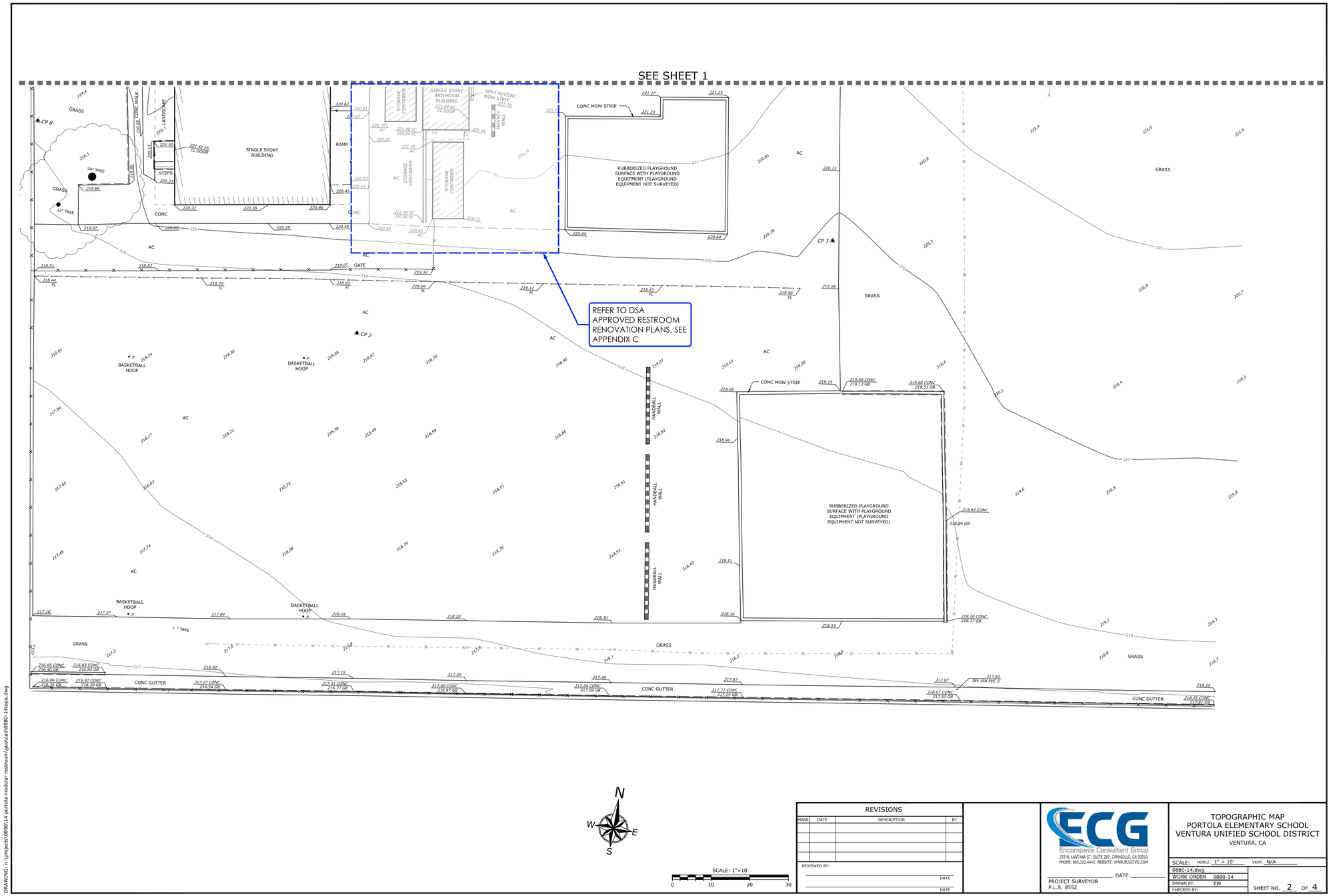
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Checked by BM, MZ
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TOPOGRAPHIC MAP
PORTOLA ELEMENTARY SCHOOL
VENTURA UNIFIED SCHOOL DISTRICT
VENTURA, CA

SCALE: HORIZ. 1" = 10' VERT. N/A
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#6044
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10/31/27
Renewal Date
10/20/25
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS E1-25

6700 EAGLE ST,
VENTURA, CA 93003

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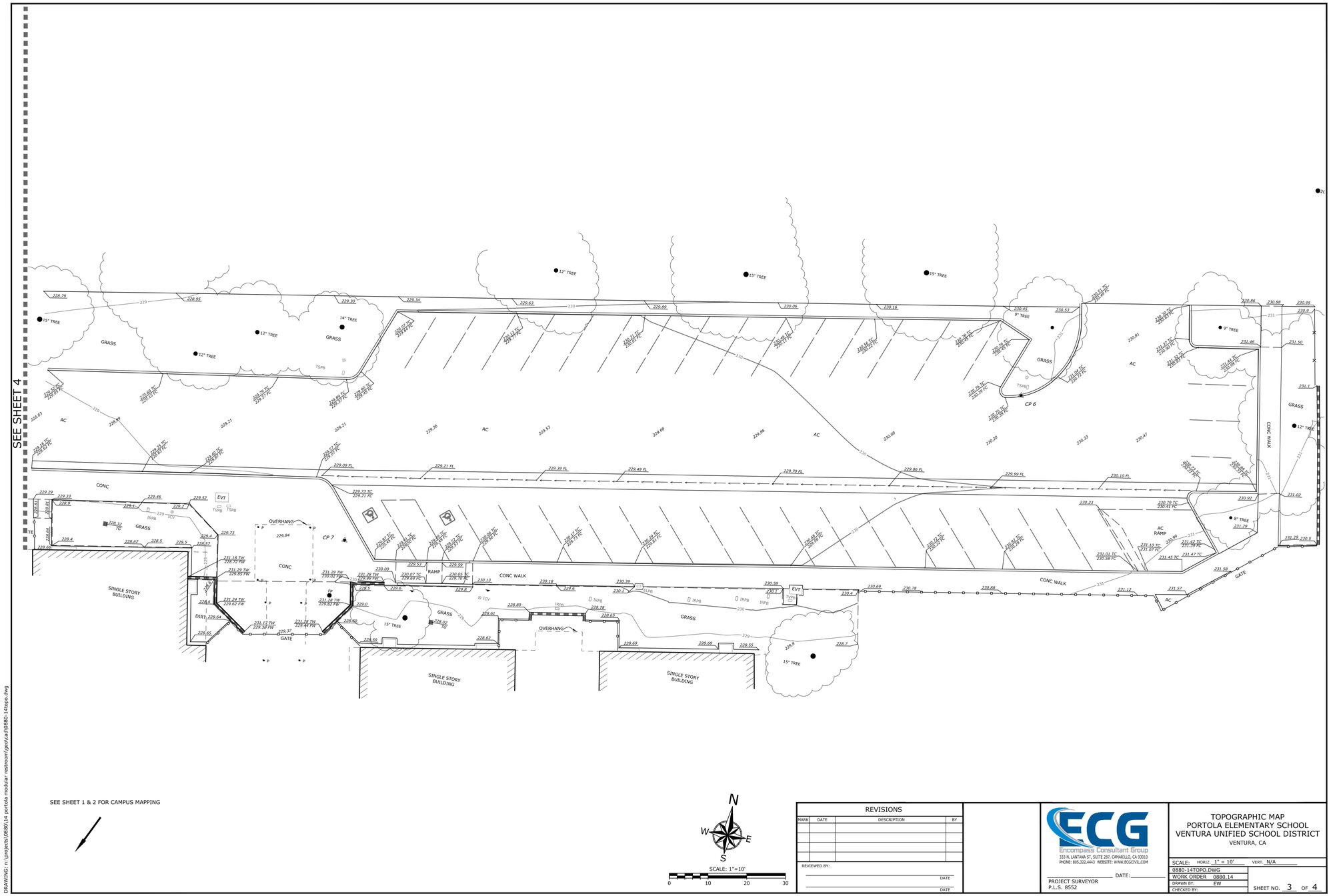
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TOPOGRAPHIC MAP
PORTOLA ELEMENTARY SCHOOL
VENTURA UNIFIED SCHOOL DISTRICT
VENTURA, CA

SCALE: HORIZ. 1" = 10' VERT. N/A
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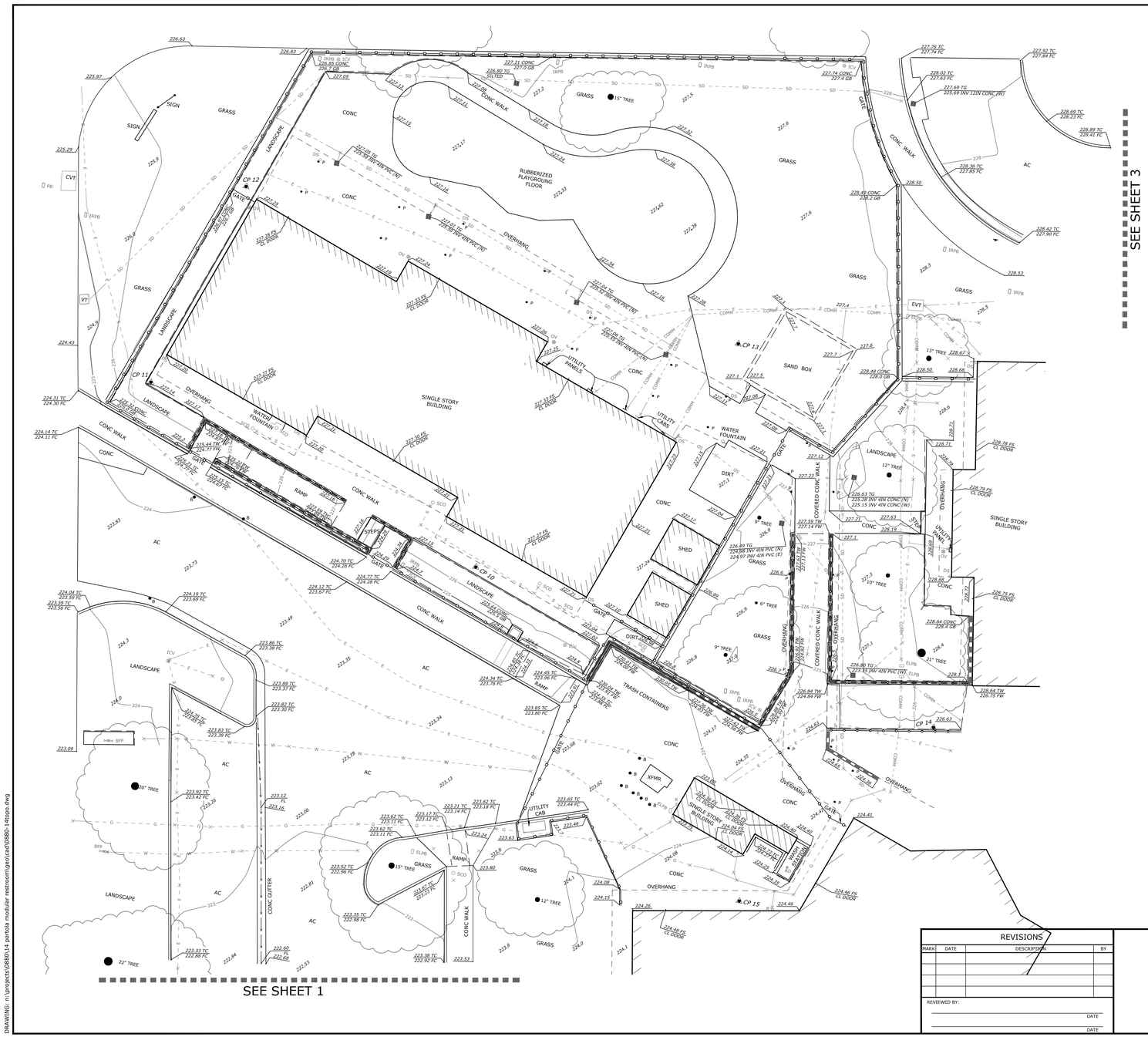
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PROJECT SURVEYOR
P.L.S. 8552
DATE:

TOPOGRAPHIC MAP
PORTOLA ELEMENTARY SCHOOL
VENTURA UNIFIED SCHOOL DISTRICT
VENTURA, CA

SCALE: HORIZ. 1" = 10' VERT. N/A
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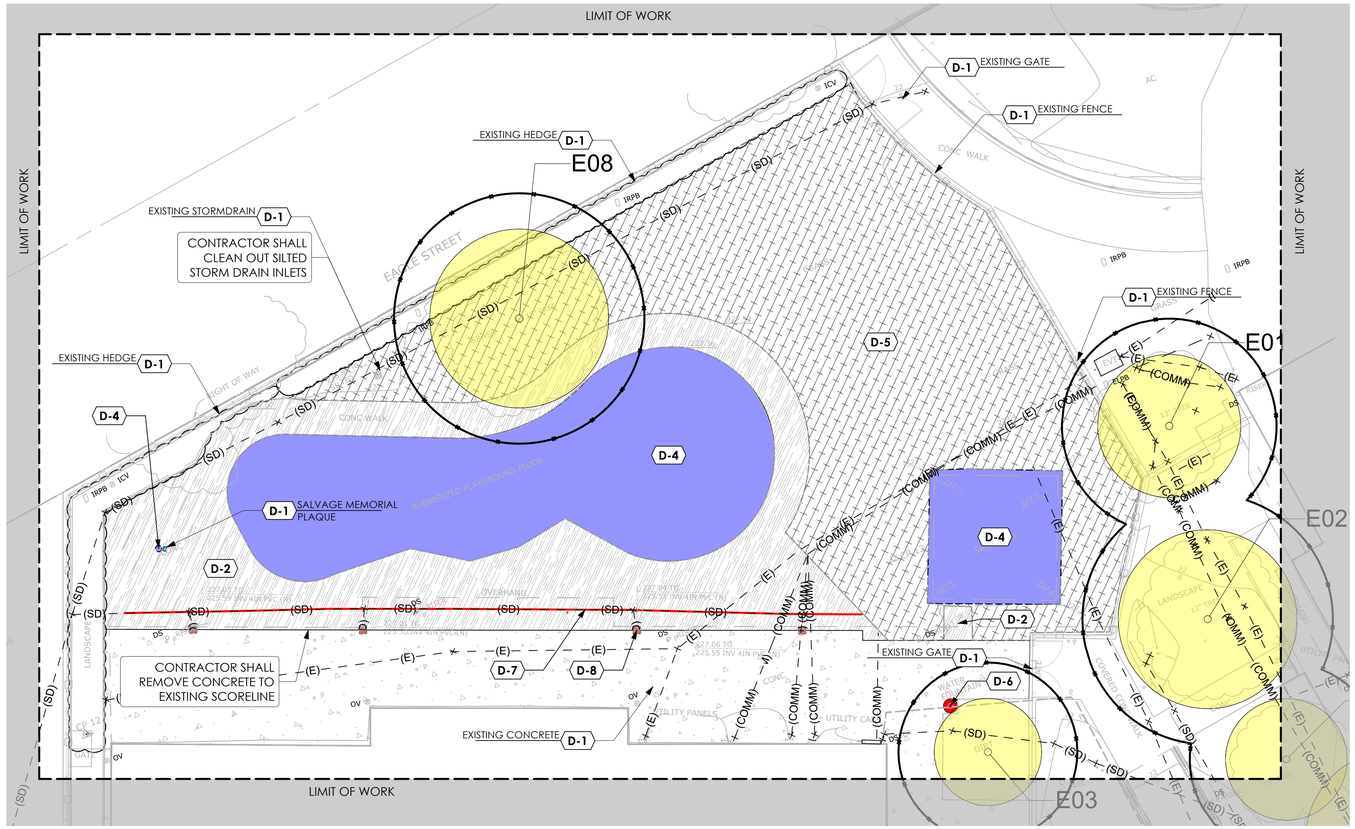
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Date 10/20/2025
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Checked by BM, MZ

Sheet Number

C-1.04



TK + KINDERGARTEN PLAYGROUND DEMOLITION PLAN

SCALE: 1" = 10'-0"

0 10 20 30 ft

N

DEMOLITION SCHEDULE

ID#	SYMBOL	ITEM	DESCRIPTION
D-1	N/A	EXISTING PROTECT IN PLACE	EXISTING PROTECT IN PLACE
D-2		REMOVE CONCRETE	REMOVE AND DISPOSE OF CONCRETE PAVING, INCLUDING REINFORCEMENT AND BASE MATERIALS
D-3		REMOVE AC PAVING	REMOVE AND DISPOSE OF ASPHALT PAVING, INCLUDING BASE MATERIALS
D-4		REMOVE PLAY EQUIPMENT AND SURFACING	REMOVE EXISTING PLAY EQUIPMENT & FOOTINGS, SURFACING, BASE, ANY ASSOCIATED CONCRETE CURBS, HEADERS AND EDGE RESTRAINTS AND ANY UNDERLYING SUBSURFACE MATERIALS SUCH AS ASPHALT OR CONCRETE. DISPOSE OF PER DIRECTION OF VUSD REPRESENTATIVE.
D-5		CLEAR & GRUB	REMOVE EXISTING VEGETATION IN PROPOSED CONSTRUCTION AREA, EXISTING IRRIGATION DISTRIBUTION LINES, HEADS AND ALL NON-PRESSURIZED IRRIGATION PIPE. EXISTING PRESSURIZED PIPE, SUCH AS MAINLINE, VALVES AND QUICK COUPLERS TO REMAIN.
D-6		REMOVE DRINKING FOUNTAIN	REMOVE AND DISPOSE OF DRINKING FOUNTAIN
D-7		REMOVE STORMDRAIN LINE	REMOVE AND DISPOSE OF STORMDRAIN LINE PROTECT IN PLACE EXISTING PIPE OR TIE-IN AT LIMITS OF DEMOLITION.
D-8		REMOVE EXISTING GRATES	REMOVE EXISTING GRATES AND FRAMES.

DEMOLITION NOTES

1. CONTRACTOR SHALL CHECK OR LOCATE EXISTING STRUCTURES, ELECTRIC CABLES OR CONDUITS, UTILITY LINES AND OTHER EXISTING FEATURES OR CONDITIONS ABOVE OR BELOW GROUND LEVEL THAT MIGHT BE DAMAGED AS A RESULT OF DEMOLITION AND CONSTRUCTION OPERATIONS. QUESTIONS OR CONFLICTS ARISING OUT OF SUCH EXAMINATION PRIOR TO OR DURING OPERATION SHALL BE IMMEDIATELY DIRECTED TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR NECESSARY ACTION OR DECISIONS BEFORE RESUMING OPERATION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT AT NO COST TO THE OWNER OF FEATURES OR CONDITIONS DAMAGED THROUGH FAILURE TO COMPLY WITH ABOVE PROCEDURES.
2. PRIOR TO DEMOLITION, THE CONTRACTOR SHALL CLEAR AND GRUB ALL SHRUBS, TURF AND VEGETATION WITHIN THE LIMITS OF WORK PER THESE PLANS AND THE PROJECT SPECIFICATIONS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTINUOUSLY CLEAN AND REMOVE DEMOLISHED MATERIALS FROM THE SITE, EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE, DAILY AND TO ENSURE SUB-CONTRACTORS ADHERE TO THESE REQUIREMENTS. DO NO ALLOW MATERIALS TO ACCUMULATE ON SITE.
4. DEMOLITION SHALL CONSIST OF FURNISHING ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO REMOVE EXISTING STRUCTURES, VEGETATION AND OTHER OBJECTIONABLE MATERIAL FROM THE PROJECT SITE.
5. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE REMOVAL OF MATERIAL FROM THE SITE AND ALL OBJECTIONABLE MATERIALS COVERED BY THESE PLANS. DISPOSAL OF MATERIALS SHALL BE DONE IN A SAFE AND LEGAL MANNER AND SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.
6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXISTING SURFACE ELEVATIONS WHERE PROPOSED IMPROVEMENT ELEVATIONS ARE INTENDED TO MATCH AND REPORT ANY DISCREPANCIES TO THE OWNER.
7. CONTRACTOR SHALL REMOVE OR ABANDON IN PLACE ALL EXISTING IRRIGATION APPURTENANCES NOT REQUIRED FOR THE EXISTING SYSTEM TO REMAIN.
8. ALL EXISTING IRRIGATION APPURTENANCES TO BE REMOVED DURING DEMOLITION SHALL BE DISPOSED OF IN A SAFE AND LEGAL MANNER AND SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.

TREE PROTECTION PLAN LEGEND



EXISTING TREE - REMAIN
CRITICAL ROOT ZONE RADIUS 1' PER 1" DBH
TREE PROTECTION ZONE (TPZ) 5' BEYOND DRIPLINE

EXISTING TREE SCHEDULE

ID	LATIN NAME	COMMON NAME	ACTION
E01	*Lophostemon confertus*	Brisbane Box	Retain
E02	*Lophostemon confertus*	Brisbane Box	Retain
E03	*Pittosporum undulatum*	Victorian Box	Retain
E04	*Lophostemon confertus*	Brisbane Box	Retain
E05	*Lophostemon confertus*	Brisbane Box	Retain
E06	*Lophostemon confertus*	Brisbane Box	Retain
E07	*Lophostemon confertus*	Brisbane Box	Retain
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E13	*Lophostemon confertus*	Brisbane Box	Retain

DUST CONTROL NOTES

1. AFTER CLEARING, GRADING, EARTH MOVING, OR EXCAVATION OPERATIONS ARE COMPLETED THE ENTIRE AREA OF DISTURBED SOIL IS TO BE TREATED TO PREVENT WIND PICKUP OF THE SOIL. THIS MAY BE ACCOMPLISHED BY:
   A. SPREADING SOIL BINDERS.
   B. WETTING THE AREA DOWN, SUFFICIENT TO FORM A CRUST ON THE SURFACE WITH REPEATED SOAKING AS NECESSARY TO MAINTAIN THE CRUST AND PREVENT DUST PICKUP BY THE WIND.
   C. OTHER METHODS APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE.
2. CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT AND METHODS REQUIRED TO PREVENT THEIR IS OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO ADJACENT PROPERTY, CULTIVATED VEGETATION AND DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE CAUSED BY DUST FROM THEIR GRADING OPERATION.
3. IN ADDITION TO THESE NOTES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DUST AND EROSION CONTROL DURING THE ENTIRE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL UTILIZE DUST CONTROL METHODS ON ANY DUST-PRODUCING CONDITION IN COMPLIANCE WITH REGULATIONS OF THE DISTRICT AND THE COUNTY OF VENTURA AIR POLLUTION CONTROL DISTRICT.
4. THE CONSTRUCTION CONTRACTOR SHALL DESIGNATE A PERSON(S) TO MONITOR THE DUST CONTROL PROGRAM AND TO ORDER INCREASED WATERING, AS NECESSARY, TO PREVENT TRANSPORT OF DUST OFFSITE. THEIR DUTIES SHALL BE FOR THE ENTIRE CONSTRUCTION DURATION, INCLUDING HOLIDAY AND WEEKEND PERIODS WHEN WORK MAY NOT BE IN PROGRESS.
5. WATERING OR APPLICATION OF SOIL BINDERS SHALL CONTINUE IN THE AMOUNTS NECESSARY TO CONTROL DUST UNTIL THE SITE CONSTRUCTION IS COMPLETED.



KEY MAP

SCALE: NTS

N

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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZIELSDORF
#6044
Signature
10/31/27
Renewal Date
10/20/25
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS
E1-25

6700 EAGLE ST,
VENTURA, CA 93003

CONSTRUCTION DOCUMENTS

No.	Description	Date

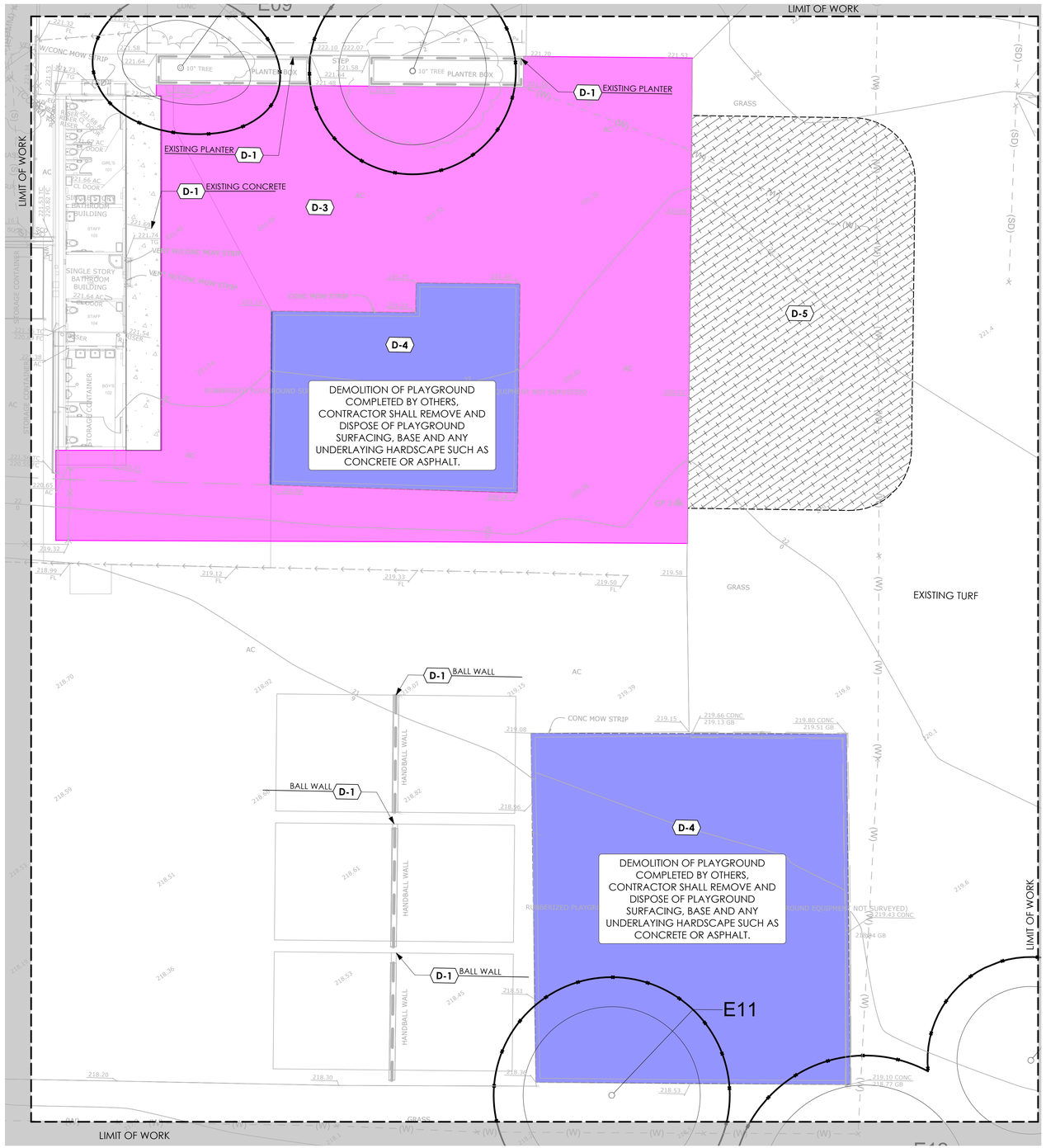
Sheet Name

DEMOLITION PLAN

Date 10/20/2025
Drawn by EM
Checked by BM, MZ
Sheet Number

LD-1.01

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1ST-5TH PLAYGROUND DEMOLITION PLAN

SCALE: 1" = 10'-0"

0 10 20 30 ft

N

DEMOLITION SCHEDULE

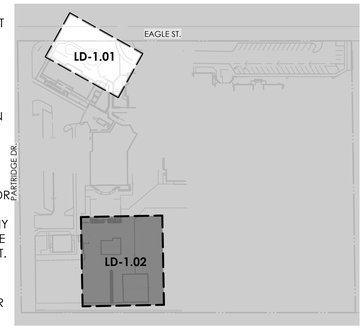
ID#	SYMBOL	ITEM	DESCRIPTION
D-1	N/A	EXISTING PROTECT IN PLACE	EXISTING PROTECT IN PLACE
D-2		REMOVE CONCRETE	REMOVE AND DISPOSE OF CONCRETE PAVING, INCLUDING REINFORCEMENT AND BASE MATERIALS
D-3		REMOVE AC PAVING	REMOVE AND DISPOSE OF ASPHALT PAVING, INCLUDING BASE MATERIALS
D-4		REMOVE PLAY EQUIPMENT AND SURFACING	REMOVE EXISTING PLAY EQUIPMENT & FOOTINGS, SURFACING, BASE, ANY ASSOCIATED CONCRETE CURBS, HEADERS AND EDGE RESTRAINTS AND ANY UNDERLYING SUBSURFACE MATERIALS SUCH AS ASPHALT OR CONCRETE. DISPOSE OF PER DIRECTION OF VUSD REPRESENTATIVE.
D-5		CLEAR & GRUB	REMOVE EXISTING VEGETATION IN PROPOSED CONSTRUCTION AREA, EXISTING IRRIGATION DISTRIBUTION LINES, HEADS AND ALL NON-PRESSURIZED IRRIGATION PIPE. EXISTING PRESSURIZED PIPE, SUCH AS MAINLINE, VALVES AND QUICK COUPLERS TO REMAIN.
D-6		REMOVE DRINKING FOUNTAIN	REMOVE AND DISPOSE OF DRINKING FOUNTAIN
D-7		REMOVE STORMDRAIN LINE	REMOVE AND DISPOSE OF STORMDRAIN LINE PROTECT IN PLACE EXISTING PIPE OR TIE-IN AT LIMITS OF DEMOLITION.
D-8		REMOVE EXISTING GRATES	REMOVE EXISTING GRATES AND FRAMES.

DEMOLITION NOTES

1. CONTRACTOR SHALL CHECK OR LOCATE EXISTING STRUCTURES, ELECTRIC CABLES OR CONDUITS, UTILITY LINES AND OTHER EXISTING FEATURES OR CONDITIONS ABOVE OR BELOW GROUND LEVEL THAT MIGHT BE DAMAGED AS A RESULT OF DEMOLITION AND CONSTRUCTION OPERATIONS. QUESTIONS OR CONFLICTS ARISING OUT OF SUCH EXAMINATION PRIOR TO OR DURING OPERATION SHALL BE IMMEDIATELY DIRECTED TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR NECESSARY ACTION OR DECISIONS BEFORE RESUMING OPERATION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT AT NO COST TO THE OWNER OF FEATURES OR CONDITIONS DAMAGED THROUGH FAILURE TO COMPLY WITH ABOVE PROCEDURES.
2. PRIOR TO DEMOLITION, THE CONTRACTOR SHALL CLEAR AND GRUB ALL SHRUBS, TURF AND VEGETATION WITHIN THE LIMITS OF WORK PER THESE PLANS AND THE PROJECT SPECIFICATIONS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTINUOUSLY CLEAN AND REMOVE DEMOLISHED MATERIALS FROM THE SITE, EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE, DAILY AND TO ENSURE SUB-CONTRACTORS ADHERE TO THESE REQUIREMENTS. DO NO ALLOW MATERIALS TO ACCUMULATE ON SITE.
4. DEMOLITION SHALL CONSIST OF FURNISHING ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO REMOVE EXISTING STRUCTURES, VEGETATION AND OTHER OBJECTIONABLE MATERIAL FROM THE PROJECT SITE.
5. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE REMOVAL OF MATERIAL FROM THE SITE AND ALL OBJECTIONABLE MATERIALS COVERED BY THESE PLANS. DISPOSAL OF MATERIALS SHALL BE DONE IN A SAFE AND LEGAL MANNER AND SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.
6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXISTING SURFACE ELEVATIONS WHERE PROPOSED IMPROVEMENT ELEVATIONS ARE INTENDED TO MATCH AND REPORT ANY DISCREPANCIES TO THE OWNER.
7. CONTRACTOR SHALL REMOVE OR ABANDON IN PLACE ALL EXISTING IRRIGATION APPURTENANCES NOT REQUIRED FOR THE EXISTING SYSTEM TO REMAIN.
8. ALL EXISTING IRRIGATION APPURTENANCES TO BE REMOVED DURING DEMOLITION SHALL BE DISPOSED OF IN A SAFE AND LEGAL MANNER AND SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.

DUST CONTROL NOTES

1. AFTER CLEARING, GRADING, EARTH MOVING, OR EXCAVATION OPERATIONS ARE COMPLETED THE ENTIRE AREA OF DISTURBED SOIL IS TO BE TREATED TO PREVENT WIND PICKUP OF THE SOIL. THIS MAY BE ACCOMPLISHED BY:
   A. SPREADING SOIL BINDERS.
   B. WETTING THE AREA DOWN, SUFFICIENT TO FORM A CRUST ON THE SURFACE WITH REPEATED SOAKING AS NECESSARY TO MAINTAIN THE CRUST AND PREVENT DUST PICKUP BY THE WIND.
   C. OTHER METHODS APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE.
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No.	Description	Date

Sheet Name

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Date 10/20/2025
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CONSTRUCTION NOTES

1. ALL PAVING AREAS SHALL BE GRADED NOT TO EXCEED 2% CROSS SLOPE IN ANY DIRECTION. WALKWAY RUNNING SLOPES SHALL NOT EXCEED 5% SLOPE UNLESS AN ADA RAMP IS PROVIDED.
2. CONSTRUCT 1/2" EXPANSION JOINTS W/FIBER JOINTS AND SEAL W/W.R. MEADOWS GREY DECK-O-SEAL.
3. CONTRACTOR SHALL COORDINATE INSTALLATION OF ELECTRICAL CONDUIT, IRRIGATION PIPE, AND UTILITY BOXES TO AVOID CONFLICTS WITH FOOTING, DRAINAGE AREAS, OR INSTALLATION OF AMENITIES SUCH AS BOLLARDS, BOULDERS, BENCHES, AND ROOF DRAINS.
4. FINISH GRADE IN PLANTER AREAS SHALL BE 3" BELOW ADJACENT FINISH SURFACE, TYPICAL.
5. LAYOUT OF FORMS SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT OF RECORD 24 HOURS PRIOR TO POURING. INSPECTION PRIOR TO FORM CONSTRUCTION IS PREFERRED.
6. PRESERVE AND PROTECT ALL TREES THAT ARE TO REMAIN. DAMAGED TREES ARE TO BE REPLACED IN KIND AND SIZE BY CONTRACTOR. SEE DEMOLITION AND TREE PROTECTION PLAN FOR MORE DETAIL.
7. ALL MANUFACTURER SPECIFIED ITEMS TO BE PROVIDED AS SPECIFIED OR AN APPROVED EQUAL.
8. ALL PLAY EQUIPMENT SHALL BE OWNER FURNISHED, CONTRACTOR INSTALLED.

GENERAL GRADING NOTES

1. CONTOURS ON THE PLAN ARE ILLUSTRATED AT 1-FOOT INTERVALS.
2. GRADING SUPERVISION REQUIREMENTS SHALL BE COMPLIED WITH AS FOLLOWS:
   A. LINE AND GRADE STAKES SHALL BE SET BY A CALIFORNIA LICENSED SURVEYOR HIRED BY THE CONTRACTOR UNDER THE GENERAL SUPERVISION OF THE VUSD REPRESENTATIVE.
   B. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL PREPARE RECORD DRAWINGS AND AND SUBMIT A REPORT INDICATING THAT THE IMPROVEMENTS HAVE BEEN COMPLETED IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.
   C. THE VUSD REPRESENTATIVE AND PROJECT INSPECTOR SHALL PROVIDE GENERAL REVIEW OF THE GRADING AND SUBGRADE PREPARATION, PERFORM COMPACTION TESTING, MEASURE THE THICKNESS OF PAVEMENT AND BASE DURING CONSTRUCTION, TEST AND REVIEW THE QUALITY OF PAVEMENT AND BASE, ETC.
3. NOISE GENERATING CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 7:00 AM TO 7:00 PM, MONDAY THROUGH SATURDAY. CONSTRUCTION EQUIPMENT MAINTENANCE SHALL BE LIMITED TO THE SAME HOURS. STATIONARY CONSTRUCTION EQUIPMENT THAT GENERATES NOISE WHICH EXCEEDS 65 dBA AT THE PROJECT BOUNDARIES SHALL BE SHIELDED TO THE DISTRICT'S SATISFACTION AND SHALL BE LOCATED AT A MINIMUM OF 50 FEET FROM OCCUPIED BUILDINGS.
4. SURFACE IMPROVEMENT AREAS SHALL BE PREPARED FOR CONSTRUCTION BY REMOVING SURFACE AND UNDERGROUND IMPROVEMENTS, I.E. PIPELINES, CONDUITS, ETC., VEGETATION, LARGE ROOTS, DEBRIS, AND OTHER DELETERIOUS MATERIALS. EXISTING UTILITY LINES THAT WILL NOT REMAIN IN SERVICE SHALL BE EITHER REMOVED OR ABANDONED, IF APPROVED BY THE DISTRICT'S REPRESENTATIVE.
5. VOIDS CREATED BY THE REMOVAL OF MATERIALS OR UTILITIES DESCRIBED ABOVE SHALL BE CALLED TO THE ATTENTION OF THE DISTRICT'S REPRESENTATIVE. NO FILL SHALL BE PLACED UNLESS THE UNDERLYING SOIL HAS BEEN OBSERVED BY THE DISTRICT'S REPRESENTATIVE.
6. FOLLOWING SITE PREPARATION, THE SOILS IN THE PAVEMENT SURFACE IMPROVEMENT AREA SHALL BE REMOVED TO A LEVEL PLANE AT A MINIMUM DEPTH OF 1-FOOT BELOW THE PROPOSED SUBGRADE ELEVATION OR 1-FOOT BELOW THE EXISTING GROUND SURFACE, WHICHEVER IS DEEPER, AND TO MINIMUM 3 FEET BEYOND THE PROPOSED PAVEMENT LIMITS. DURING CONSTRUCTION, LOCALLY DEEPER REMOVALS MAY BE REQUIRED, BASED ON FIELD CONDITIONS. THE RESULTING SOIL SURFACE SHALL THEN BE SCARIFIED TO A MINIMUM DEPTH OF 8-INCHES, MOISTURE CONDITIONED TO WITHIN 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO MINIMUM 95 PERCENT COMPACTION PRIOR TO PLACING ANY FILL.
7. VOIDS CREATED BY DISLODGING COBBLES AND/OR DEBRIS DURING SCARIFICATION SHALL BE BACKFILLED AND COMPACTED, AND THE DISLODGED MATERIALS SHOULD BE REMOVED FROM THE AREA OF WORK.
8. ON-SITE MATERIAL AND APPROVED IMPORT MATERIALS MAY BE USED AS GENERAL FILL. FILL SHALL BE PLACED IN LEVEL LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS, MOISTURE CONDITIONED TO A MINIMUM OF OPTIMUM MOISTURE CONTENT OF 95 PERCENT UNDER PAVED AREAS AND 80-85% UNDER LANDSCAPE AREAS OF MAXIMUM DRY DENSITY. THE UPPER 1-FOOT OF SUBGRADE AND ALL AGGREGATE BASE AREAS TO BE PAVED WITH CONCRETE, FLUSH CONCRETE HEADER, OR COMPACTED NATIVE SOIL INFIELD SHALL BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY. SUBGRADE AND AGGREGATE BASE SHALL BE FIRM AND UNYIELDING WHEN PROOF-ROLLED WITH HEAVY, RUBBER-TIRED GRADING EQUIPMENT PRIOR TO CONTINUING CONSTRUCTION.
9. EARTH MOVING AND WORKING OPERATIONS SHALL BE CONTROLLED TO PREVENT WATER FROM RUNNING INTO EXCAVATED AREAS. EXCESS WATER SHALL BE PROMPTLY REMOVED AND THE SITE KEPT DRY. FILL MATERIAL SHALL NOT BE PLACED, SPREAD, OR ROLLED DURING UNFAVORABLE WEATHER CONDITIONS. WHEN THE WORK IS INTERRUPTED BY HEAVY RAIN, FILL OPERATIONS SHALL NOT BE RESUMED UNTIL FIELD TESTS BY THE DISTRICT'S REPRESENTATIVE INDICATE THAT THE MOISTURE CONTENT AND DENSITY OF THE FILL ARE ABLE TO BE PLACED AND MEET THE REQUIRED COMPACTION.
10. WHEN THE MOISTURE CONTENT OF THE FILL MATERIAL IS NOT SUFFICIENT TO ACHIEVE REQUIRED COMPACTION, WATER SHALL BE ADDED UNTIL THE SOILS ATTAIN A MOISTURE CONTENT SO THAT THOROUGH BONDING IS ACHIEVED DURING THE COMPACTING PROCESS. WHEN THE MOISTURE CONTENT OF THE FILL MATERIAL IS EXCESSIVE, THE FILL MATERIAL SHALL BE AERATED BY BLADING OR OTHER SATISFACTORY METHODS UNTIL THE MOISTURE CONTENT IS REDUCED TO AN ACCEPTABLE CONTENT TO ACHIEVE PROPER COMPACTION.
11. IMPORT SOILS SHALL BE GRANULAR NON-EXPANSIVE SOILS WHICH ARE EQUAL TO OR SUPERIOR IN QUALITY TO THE ON SITE SOILS AS DETERMINED BY THE DISTRICT'S REPRESENTATIVE PRIOR TO IMPORTATION OF THE FILL MATERIAL TO THE SITE.
12. THE COMPACTION STANDARD SHALL BE THE ASTM D 1557-12 METHOD OF COMPACTION AND THE LATEST EDITION.
13. BEFORE BEGINNING WORK REQUIRING EXPORTING OR IMPORTING MATERIALS, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CITY OF VENTURA AND COUNTY OF VENTURA PUBLIC WORKS ROAD DIVISION FOR HAUL ROUTES USED AND METHODS PROVIDED TO MINIMIZE THE DEPOSIT OF SOILS ON CITY AND COUNTY ROADS.
14. FILL MATERIAL SHALL BE SPREAD IN LIFTS NOT EXCEEDING 6" IN LOOSE THICKNESS, MOISTENED OR DRIED AS NECESSARY TO NEAR OPTIMUM MOISTURE CONTENT AND COMPACTED BY AN APPROVED METHOD. FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY UNDER PAVED AREAS AND 80-85% UNDER LANDSCAPE AREAS AS DETERMINED BY ASTM D-1557-12 MODIFIED PROCTOR (AASHTO) TEST OR SIMILAR APPROVED METHODS. SOILS TESTS SHALL BE CONDUCTED AT NOT LESS THAN FOR EACH 18" OF FILL AND/OR FOR EACH 500 CUBIC YARDS OF FILL PLACED.
15. NO GRADING SHALL OCCUR UNLESS APPROVED EROSION CONTROL AND SEDIMENT CONTROL MEASURES ARE IN PLACE. DISCHARGES OF SEDIMENT FROM THE PROJECT SITE MAY RESULT IN A "STOP WORK ORDER".
16. CONTRACTOR TO REVIEW THE GRADING AND DRAINAGE PLAN FOR PAVEMENT GRADES AND CONTOURS AND MAY MAKE ADJUSTMENTS FROM THE APPROVED GRADING DESIGN AFTER RECEIVING THE DISTRICT REPRESENTATIVE'S APPROVAL.
17. CONTRACTOR SHALL PROVIDE EROSION CONTROL PLAN WITH PROPOSED BMPs TO DISTRICT FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WITH CONSTRUCTION OPERATIONS.

WALL AND FENCE SCHEDULE

ID#	ITEM	DESCRIPTION	DETAIL
W-1	CONCRETE RETAINING SEATWALL	STEEL REINFORCED CAST-IN-PLACE CONCRETE SEAT WALL WITH SKATE STOPS, PER DETAIL. UNCOLORED CONCRETE WITH SMOOTH FINISH. SKATE STOPS SHALL BE INSTALLED ON SEATWALLS ADJACENT TO PAVEMENT. SKATE STOPS ARE NOT REQUIRED TO BE INSTALLED WHERE SEATWALLS FACE RUBBERIZED PLAY SURFACING, PER DETAIL. INSTALL GORILLA 135 ALUMINUM, SURFACE MOUNT FROM SKATE STOPPERS.COM.	F/LC-3.01 G/LC-3.03

BY OTHERS SCHEDULE

ID#	DESCRIPTION
1	DRINKING FOUNTAIN PER ARCH
2	SYNTHETIC TURF BY OTHERS

PAVING SCHEDULE

ID#	ITEM	DESCRIPTION	DETAIL
P-1	PEDESTRIAN CONCRETE PAVING	UNCOLORED CONCRETE WITH HEAVY BROOM FINISH PERPENDICULAR TO WALKWAY. SAWCUT CONTROL JOINTS. ADD FELT EXPANSION JOINT AT 30' O.C. MAX., AT KEY INTERSECTIONS AND WHERE CONCRETE MEETS STRUCTURAL FOOTINGS.	A/LC-3.01
P-2	FLUSH CONCRETE HEADER	6" WIDE, UNCOLORED CONCRETE HEADER. TOP OF CURB ADJACENT TO FINISH SURFACE. HEAVY BROOM FINISH	D/LC-3.01 E/LC-3.01
P-3	POURED IN PLACE RUBBERIZED SURFACING, COLOR 01	SURFACEMAX POURED-IN-PLACE RUBBER PLAY SURFACING WITH UV-STABLE ALIPHATIC RESIN BINDER OR APPROVED EQUAL. COLOR: STANDARD BEIGE. FINAL COLOR SELECTION AND MIX TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.	D/LC-3.01 E/LC-3.01
P-4	POURED IN PLACE RUBBERIZED SURFACING, COLOR 02	SURFACEMAX POURED-IN-PLACE RUBBER PLAY SURFACING WITH UV-STABLE ALIPHATIC RESIN BINDER OR APPROVED EQUAL. COLOR: STANDARD BLUE. FINAL COLOR SELECTION AND MIX TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.	D/LC-3.01 E/LC-3.01
P-5	AC PAVING	CONSTRUCT AC PAVEMENT (MATCH EXISTING SECTION OR 4" AC OVER 6" AGG. BASE SECTION, WHICHEVER IS GREATER) PER DETAIL.	B/LC-3.01
P-6	RAISED CONCRETE HEADER	6" WIDE, UNCOLORED CONCRETE HEADER. TOP OF CURB 6" ABOVE ADJACENT FINISH SURFACE. HEAVY BROOM FINISH	E/LC-3.01 I/LC-3.01
P-7	CONCRETE STAIR	UNCOLORED CONCRETE WITH HEAVY BROOM FINISH PERPENDICULAR TO WALKWAY WITH STAINLESS STEEL HANDRAIL.	A/LC-3.02
P-8	CONCRETE HEADER	6" WIDE x 8" TALL CONCRETE HEADER. TOP FLUSH WITH ADJANCENT FINISH SURFACE. HEAVY BROOM FINISH ON TOP.	H/LC-3.01
P-10	ASPHALT CRACK SEAL, SLURRY COAT AND RESTRIPING	ASPHALT CRACK SEAL, SLURRY COAT AND RESTRIPING OF ALL GROUND GAMES AND SPORT COURTS.	N/A

SIGNAGE AND STRIPING

ID#	ITEM	DESCRIPTION	DETAIL
S-1	TRIKE TRACK STRIPING	SURFACE PAINTED TRIKE TRACK BOUNDARY, OFFSET 6" FROM EDGE OF PAVEMENT. PAINT CONCRETE WITH 100% ACRYLIC ENAMEL PORCH, FLOOR AND PATIO ANTI-SKID PRIMER AND PAINT FROM VALSPAR OR APPROVED EQUAL. COLORS: IN THE NICK (8001-44F).	N/A
S-2	TRIKE TRACK DIRECTIONAL STRIPING	SURFACE PAINTED TRIKE TRACK DIRECTIONAL ARROWS. PAINT CONCRETE WITH 100% ACRYLIC ENAMEL PORCH, FLOOR AND PATIO ANTI-SKID PRIMER AND PAINT FROM VALSPAR OR APPROVED EQUAL. COLORS: SUNSPARK (3010-2).	E/LC-3.02
S-3	TRIKE TRACK CROSSING STRIPING	SURFACE PAINTED TRIKE TRACK CROSSWALK. PAINT CONCRETE WITH 100% ACRYLIC ENAMEL PORCH, FLOOR AND PATIO ANTI-SKID PRIMER AND PAINT FROM VALSPAR OR APPROVED EQUAL. COLORS: SUNSPARK (3010-2).	E/LC-3.02
S-4	TRIKE PARKING STRIPING	SURFACE PAINTED TRIKE PARKING STALLS. PAINT CONCRETE WITH 100% ACRYLIC ENAMEL PORCH, FLOOR AND PATIO ANTI-SKID PRIMER AND PAINT FROM VALSPAR OR APPROVED EQUAL. COLORS: IN THE NICK (8001-44F) HEX.	F/LC-3.02
S-5	FOUR SQUARE STRIPING	SURFACE PAINTED DIMENSIONED FOUR SQUARE GAME. PAINT CONCRETE WITH 100% ACRYLIC ENAMEL PORCH, FLOOR AND PATIO ANTI-SKID PRIMER AND PAINT FROM VALSPAR OR APPROVED EQUAL. COLORS: SUNSPARK (3010-2) AND IN THE NICK (8001-44F), PER PLAN	D/LC-3.02
S-6	HOP SCOTCH STRIPING	SURFACE PAINTED DIMENSIONED HOP SCOTCH GAME. PAINT CONCRETE WITH 100% ACRYLIC ENAMEL PORCH, FLOOR AND PATIO ANTI-SKID PRIMER AND PAINT FROM VALSPAR OR APPROVED EQUAL. COLORS: SUNSPARK (3010-2) AND IN THE NICK (8001-44F), PER PLAN	C/LC-3.02
S-7	SENSORY PATH GROUND TREATMENT	SURFACE PAINTED SENSORY PATH GROUND TREATMENT. OWNER-PURCHASED SENSORY PATH STENCIL TO BE USED. CONTRACTOR SHALL PAINT CONCRETE WITH 100% ACRYLIC ENAMEL PORCH, FLOOR AND PATIO ANTI-SKID PRIMER AND PAINT FROM VALSPAR OR APPROVED EQUAL. LAYOUT TO BE APPROVED IN THE FIELD. COLORS: BLUE EMBER (8001-47F), SPRING LIME (6006-10B), RAPIDS (5004-10A), AND IN THE NICK (8001-44F).	N/A
S-8	SENSORY PATH BORDER STRIPING	SURFACE PAINTED SENSORY PATH 2" WIDE BORDER STRIPING. CONTRACTOR SHALL PAINT CONCRETE WITH 100% ACRYLIC ENAMEL PORCH, FLOOR AND PATIO ANTI-SKID PRIMER AND PAINT FROM VALSPAR OR APPROVED EQUAL. LAYOUT TO BE APPROVED IN THE FIELD. COLORS: IN THE NICK (8001-44F).	N/A
S-9	BALL WALL RE-STRIPING	SURFACE PAINTED DIMENSIONED BALL WALL STRIPING. PAINT CONCRETE WITH 100% ACRYLIC ENAMEL PORCH, FLOOR AND PATIO ANTI-SKID PRIMER AND PAINT FROM VALSPAR OR APPROVED EQUAL. COLORS: SUNSPARK (3010-2) AND IN THE NICK (8001-44F), PER PLAN	B/LC-3.02

DRAINAGE SCHEDULE

ID#	ITEM	DESCRIPTION	DETAIL
SD-1	DRAIN PIPE	CONSTRUCT 4" PVC SDR 35 STORM DRAIN LINE. FIELD ROUTE AND SLOPE 1% MIN. TO STORM DRAIN LINE CONNECTION.	C/LC-3.03
SD-2	PERFORATED PIPE	4" PERFORATED, PVC SDR 35 UNDERDRAIN BELOW PLAY AREA SURFACING PER DETAIL. FIELD ROUTE AND SLOPE 1% MIN. TO STORM DRAIN LINE CONNECTION.	D/LC-3.03
SD-3	POP-UP EMITTER	4" POP-UP, GREEN POLY DRAINAGE EMITTER WITH ELBOW AND UNIVERSAL ADAPTER, MODEL #430, FROM NDS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	B/LC-3.03
SD-4	ATRIUM DRAIN	4" ROUND, BLACK ATRIUM GRATE, MODEL #78, FROM NDS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	A/LC-3.03
SD-5	SUMP DRAIN	GRAVEL SUMP- BURIED 36"x36"x36" SUMP FILLED WITH NO. 57 WASHED STONE. DRAIN PERFORATED PIPE TO SUMP, LOCATIONS PER PLAN.	F/LC-3.03
SD-6	CATCH BASIN- 24IN	CONSTRUCT 24" SQ. BROOKS PRECAST CATCH BASIN 2424CB OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	E/LC-3.03
SD-7	CHANNEL DRAIN	6" WIDE DURA SLOPE CHANNEL DRAIN WITH DURA SLOPE GALVANIZED PERFORATED GRATE (DS-228) BY NDS OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AND CONNECT TO EXISTING STORM DRAIN SYSTEM. CHANNEL DRAIN SYSTEM TO MATCH INVERT OF EXISTING DRAIN LINE AT TIE-IN.	PER MANUF.

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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZIELSDORF
#6044
Signature
10/31/27
Renewal Date
10/20/25
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS E1-25

6700 EAGLE ST,
VENTURA, CA 93003

CONSTRUCTION DOCUMENTS

No.	Description	Date

Sheet Name

CONSTRUCTION NOTES & SCHEDULES

Date 10/20/2025
Drawn by EM
Checked by BM, MZ
Sheet Number

LC-0.01

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PLAY EQUIPMENT SCHEDULE - OWNER FURNISHED, CONTRACTOR INSTALLED

ID#	ITEM	DESCRIPTION	DETAIL
PE-1	TK/K DOUBLE WATERWAY	PLAY&PARK STRUCTURES DOUBLE WATERWAY, #MEC049 - GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
PE-2	TK/K PRETEND PLAYHOUSE	PLAY&PARK STRUCTURES BUNGALOW PLAYHOUSE, #55297, GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
PE-3	TK/K ELEVATED SAND BOX WITH PLAY SAND	KOMPAN SPLASH TABLE, #NRO506, COLOR: ROBINIA NATURAL WOOD, INCLUDE 2" MIN. OF PLAY SAND, MEETING SPECIFICATIONS, SUCH AS M30 SAND AVAILABLE FROM P.W. GILLIBRAND OR APPROVED EQUAL..	PER MANUF.
PE-4	TK/K PRESTO	PLAY&PARK STRUCTURES PRESTO, #68129 - GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
PE-5	TK/K MUSIC BUTTERFLY	PLAY&PARK STRUCTURES BUTTERFLY (SOLD BY FREENOTES) #BFLY-0-IG, GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
PE-6	TK/K MUSIC FLOWER	PLAY&PARK STRUCTURES FLOWER (SOLD BY FREENOTES) #FWR-T-IG, GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
PE-7	TK/K PRETEND MARKET	PLAY&PARK STRUCTURES MARKET PLAYHOUSE, #65303 GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
PE-8	TK/K DISCOVER CAVE	PLAY&PARK STRUCTURES CLIMB & DISCOVER CAVE, #67994, GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
PE-9	TK/K SENSORY TOTEM	PLAY&PARK STRUCTURES SENSORY TOTEM, #YP446 GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
PE-10	TK/K LARGE WHEELCHAIR ACCESSIBLE PLAY STRUCTURE	PLAY&PARK STRUCTURES, WHEELCHAIR ACCESSIBLE PLAY STRUCTURE, #821-176089A. GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
PE-11	TK/K GROUP SWING	PLAY&PARK STRUCTURES FLYING SAUCER SWING, #65283, GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
PE-12	TK/K ACTIVITY METER	PLAY&PARK STRUCTURES (X2) ACTIVITY METERS, #68115. ONE METER WITH TWO SIDED TWIST BEARING, #7361, AND OTHER METER WITH TWO SIDED BELLS, #7315 - GROUND ACCESSIBLE COMPONENTS 2-12 Y.O.	PER MANUF.
PE-13	TK/K PRETEND CAR	PLAY&PARK STRUCTURES MINI CAR #M59012, GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
PE-14	TK/K PRETEND GAS STATION	KOMPAN GAS STATION WITH 2 PUMPS, #NRO513, COLOR: ROBINIA TURQUOISE ROOF, ROBINIA UNT. WOOD BASE, GROUND ACCESSIBLE COMPONENTS 2-5 Y.O.	PER MANUF.
PE-15	1ST-5TH WHEEL CHAIR ACCESSIBLE PLAY STRUCTURE	PLAY&PARK STRUCTURES, WHEELCHAIR ACCESSIBLE PLAY STRUCTURE, #821-176092A. GROUND ACCESSIBLE COMPONENTS, 5-12 Y.O.	PER MANUF.
PE-16	1ST-5TH LILYPAD CYMBALS	PLAY&PARK STRUCTURES LILYPAD CYMBALS (SOLD BY FREENOTES) #LPAD-IG-STL - GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
PE-17	1ST-5TH CURVED CHIMES	PLAY&PARK STRUCTURES CURVED CHIMES, #68131, GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
PE-18	1ST-5TH SENSORY TOTEM	PLAY&PARK STRUCTURES SENSORY TOTEM, #YP446 GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
PE-19	1ST-5TH ACTIVITY METER	PLAY&PARK STRUCTURES (X2) ACTIVITY METERS, #68115. ONE METER WITH TWO SIDED HOURGLASS, #7352, AND OTHER METER WITH TWO SIDED PIANO WITH ADAPTIVE SWITCH PORT, #7344- GROUND ACCESSIBLE COMPONENTS 2-12 Y.O.	PER MANUF.
PE-20	1ST-5TH MUSIC COMBO	PLAY&PARK STRUCTURE MUSIC COMBO: HARMONY #71995, DEEP KETTLE DRUM #71424, CADENZA AL #71997, GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
PE-21	1ST-5TH TRIPLE BAY SWING	PLAY&PARK STRUCTURES TRIPLE BAY 8' ARCH SWING SET WITH (X1) TWEEN MATES SWING, #65179, (3X) TWEEN SWING, #65169, (1X) MADE-FOR-ME SWING SEAT, #67915. 5-12 Y.O.	PER MANUF.
PE-22	1ST-5TH GROUP SEE-SAW	PLAY&PARK STRUCTURES FOUR4ALL ROCKER, #65285 - GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
PE-23	1ST-5TH CLIMBER	PLAY&PARK STRUCTURE PINNACLE DOME, #65166, GROUND ACCESSIBLE COMPONENETS, 5-12 Y.O.	PER MANUF.
PE-24	TK/K TRIPLE BASKETBALL SHOT GAME	PLAY & PARK STRUCTURS TRIPLE TOSS BASKETBALL SHOT GAME, #65190, GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.

AMENITIES SCHEDULE

ID#	ITEM	DESCRIPTION	DETAIL
A-1	BENCH	PLAY&PARK STRUCTURES MUSIC BENCH, IN GROUND #SF-326 (OWNER FURNISHED, CONTRACTOR INSTALLED)	PER MANUF.
A-2	SALVAGE MEMORIAL PLAQUE	SALVAGE MEMORIAL PLAQUE TO BE RE-INSTALLED IN NEW CONCRETE	N/A

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VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS E1-25

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CONSTRUCTION DOCUMENTS

No.	Description	Date

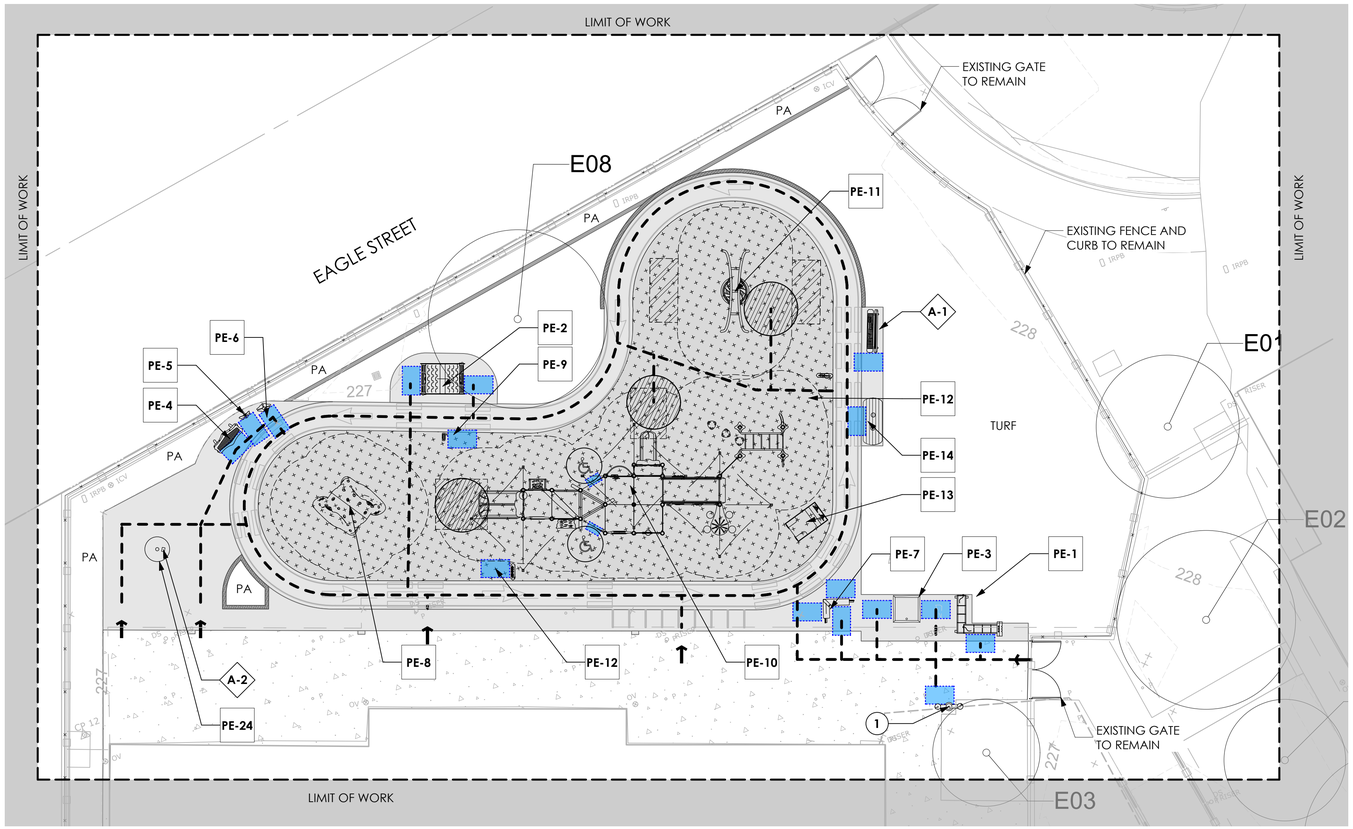
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CONSTRUCTION NOTES & SCHEDULES

Date 10/20/2025
Drawn by EM
Checked by BM, MZ
Sheet Number

LC-0.02

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TK + KINDERGARTEN ACCESSIBILITY PLAN

SCALE: 1" = 10'-0"

0 10 20 30 ft

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BY OTHERS SCHEDULE

ID#	DESCRIPTION
1	DRINKING FOUNTAIN PER ARCH
2	SYNTHETIC TURF BY OTHERS

CONSTRUCTION SCHEDULE (THIS SHEET)

ID#	DESCRIPTION
AMENITIES	
A-1	BENCH
A-2	SALVAGE MEMORIAL PLAQUE

SITE ACCESSIBILITY LEGEND

SYMBOL	DESCRIPTION	NOTES
→	PEDESTRIAN POINT OF ACCESS	
	TURNING SPACE	ADA REQUIREMENT- 60" DIAMETER
- - -	ACCESSIBLE PATH OF TRAVEL- GROUND	ACCESSIBLE ROUTE TO ACCESSIBLE GROUND LEVEL PLAY EVENTS. PATH SHALL NOT EXCEED 1.75% CROSS SLOPE IN ANY DIRECTION AND 4.5% RUNNING SLOPE. SEE GRADING PLANS FOR PRECISE GRADING.
	14" x 24" TRANSFER SPACE	PROVIDE MIN. 14" X 24" ACCESSIBLE TRANSFER SPACE CLEAR OF OBSTRUCTIONS. TRANSFER MODULE SHALL MEET THE DIMENSIONS AND STANDARDS OF CBC 11B-1008.3
	30" x 48" CLEAR FLOOR SPACE	PROVIDE MIN. 30" X 48" CLEAR FLOOR SPACE PER CBC 11B-305. SLOPE SHALL NOT EXCEED 1.75% IN ANY DIRECTION. SEE GRADING PLANS FOR PRECISE GRADING.
	RUBBERIZED PLAY SURFACE - MULTI-DIRECTIONAL	SLIP-RESISTANT, STABLE AND FIRM. RUBBERIZED SURFACE MUST COMPLY WITH ASTM F1951 AND ASTM F1292. SLOPE OF SURFACE SHALL NOT EXCEED 1.75% IN ANY DIRECTION. SEE GRADING PLANS FOR PRECISE GRADING. SEE CONSTRUCTION SCHEDULE, SHEET LC-0.01 FOR MATERIAL, FINISH AND DETAIL REFERENCES

ACCESSIBLE PLAYGROUND COMPONENTS

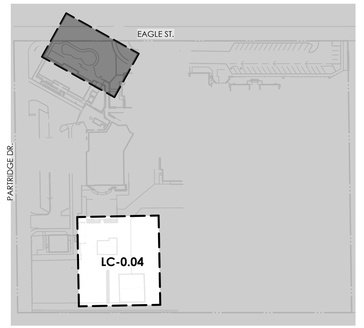
ID#	AGE GROUP	DESCRIPTION	PLAY LEVEL	PLAY MFR.	MODEL #
PE-1	2-5 Y.O.	TK/K DOUBLE WATERWAY	Ground	PLAY&PARK STRUCTURES	#MEC049
PE-2	2-5 Y.O.	TK/K PRETEND PLAYHOUSE	Ground	PLAY&PARK STRUCTURES	#55297
PE-3	2-5 Y.O.	TK/K ELEVATED SAND BOX WITH PLAY SAND	Ground	KOMPAN	#NRO506
PE-4	2-5 Y.O.	TK/K PRESTO	Ground	PLAY&PARK STRUCTURES	#68129
PE-5	2-5 Y.O.	TK/K MUSIC BUTTERFLY	Ground	PLAY&PARK STRUCTURES	#BFLY-0-IG
PE-6	2-5 Y.O.	TK/K MUSIC FLOWER	Ground	PLAY&PARK STRUCTURES	#FWR-T-IG
PE-7	2-5 Y.O.	TK/K PRETEND MARKET	Ground	PLAY&PARK STRUCTURES	#65303
PE-8	2-5 Y.O.	TK/K DISCOVER CAVE	Ground	PLAY&PARK STRUCTURES	#67994
PE-9	2-5 Y.O.	TK/K SENSORY TOTEM	Ground	PLAY&PARK STRUCTURES	#YP446
PE-10	2-5 Y.O.	TK/K LARGE WHEELCHAIR ACCESSIBLE PLAY STRUCTURE	Ground & Elevated	PLAY&PARK STRUCTURES	#821-176089A
PE-11	2-5 Y.O.	TK/K GROUP SWING	Ground	PLAY&PARK STRUCTURES	#65283
PE-12	2-5 Y.O.	TK/K ACTIVITY METER	Ground	PLAY&PARK STRUCTURES	#68115
PE-13	2-5 Y.O.	TK/K PRETEND CAR	Ground	PLAY&PARK STRUCTURES	#MS9012
PE-14	2-5 Y.O.	TK/K PRETEND GAS STATION	Ground	KOMPAN	#NRO513
PE-24	2-5 Y.O.	TK/K TRIPLE BASKETBALL SHOT GAME	Ground	PLAY&PARK STRUCTURES	#65190

SITE PLAYGROUND ACCESSIBILITY (PER CBC 11B-240.2.1.2)

	DESCRIPTION	# REQUIRED	# PROVIDED
2-5 PLAYGROUND AREA			
	TOTAL ELEVATED PLAY COMPONENTS	--	10
	TOTAL ELEVATED ACCESSIBLE COMPONENTS (BY RAMP)	0	5
	TOTAL ELEVATED ACCESSIBLE COMPONENTS (BY TRANSFER)	5	10
	TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	3	24
	TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	3	4

ACCESSIBILITY NOTES

1. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN, OUTSIDE OF THE PLAY SURFACING, IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/4" MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL DOES NOT EXCEED 1:20 UNLESS OTHERWISE INDICATED. SEE GRADING PLANS FOR PRECISE GRADING
2. ACCESSIBLE PATH OF TRAVEL ON THE PLAYGROUND SURFACING, AS INDICATED ON THE PLAN, IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/4" MAX AND AT LEAST 60" IN WIDTH (11B-1008.2.4.1). SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL DOES NOT EXCEED 1:20 UNLESS OTHERWISE INDICATED. SEE GRADING PLANS FOR PRECISE GRADING
3. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN., AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". OWNER'S REPRESENTATIVE SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
4. REFER TO SHEET LC-1.01 FOR CONSTRUCTION PLAN.



KEY MAP

SCALE: NTS

N

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LICENSED LANDSCAPE ARCHITECT MICHAEL ZIELSDORF #6044 Signature 10/31/27 Renewal Date 10/20/25 Date STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS E1-25

6700 EAGLE ST, VENTURA, CA 93003

CONSTRUCTION DOCUMENTS

No.	Description	Date

Sheet Name

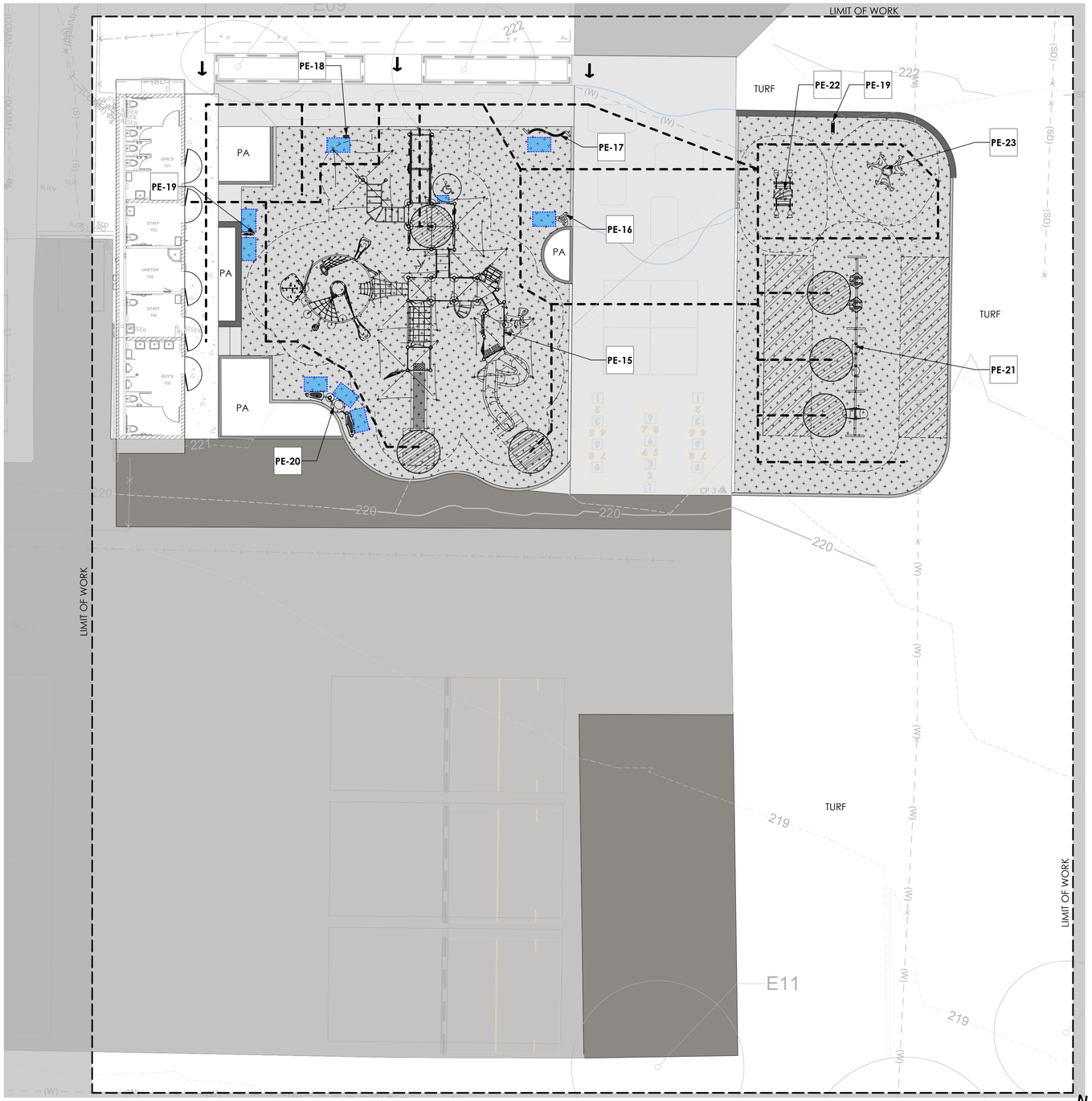
PLAYGROUND ACCESSIBILITY PLAN

Date	10/20/2025
Drawn by	EM
Checked by	BM, MZ

Sheet Number

LC-0.03

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1ST-5TH PLAYGROUND ACCESSIBILITY PLAN

SCALE: 1" = 10'-0"

0 10 20 30 ft

N

SITE ACCESSIBILITY LEGEND

SYMBOL	DESCRIPTION	NOTES
→	PEDESTRIAN POINT OF ACCESS	
	TURNING SPACE	ADA REQUIREMENT- 60" DIAMETER
	ACCESSIBLE PATH OF TRAVEL- GROUND	ACCESSIBLE ROUTE TO ACCESSIBLE GROUND LEVEL PLAY EVENTS. PATH SHALL NOT EXCEED 1.75% CROSS SLOPE IN ANY DIRECTION AND 4.5% RUNNING SLOPE. SEE GRADING PLANS FOR PRECISE GRADING.
	14" x 24" TRANSFER SPACE	PROVIDE MIN. 14" X 24" ACCESSIBLE TRANSFER SPACE CLEAR OF OBSTRUCTIONS. TRANSFER MODULE SHALL MEET THE DIMENSIONS AND STANDARDS OF CBC 11B-1008.3
	30" x 48" CLEAR FLOOR SPACE	PROVIDE MIN. 30" X 48" CLEAR FLOOR SPACE PER CBC 11B-305. SLOPE SHALL NOT EXCEED 1.75% IN ANY DIRECTION. SEE GRADING PLANS FOR PRECISE GRADING.
	RUBBERIZED PLAY SURFACE - MULTI-DIRECTIONAL	SLIP-RESISTANT, STABLE AND FIRM. RUBBERIZED SURFACE MUST COMPLY WITH ASTM F1951 AND ASTM F1292. SLOPE OF SURFACE SHALL NOT EXCEED 1.75% IN ANY DIRECTION. SEE GRADING PLANS FOR PRECISE GRADING. SEE CONSTRUCTION SCHEDULE, SHEET LC-0.01 FOR MATERIAL, FINISH AND DETAIL REFERENCES

ACCESSIBLE PLAYGROUND COMPONENTS

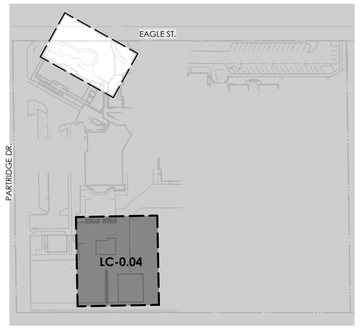
ID#	AGE GROUP	DESCRIPTION	PLAY LEVEL	PLAY MFR.	MODEL #
PE-15	5-12 Y.O.	1ST-5TH WHEEL CHAIR ACCESSIBLE PLAY STRUCTURE	Ground & Elevated	PLAY&PARK STRUCTURES	#812-176092A
PE-16	5-12 Y.O.	1ST-5TH LILYPAD CYMBALS	Ground	PLAY&PARK STRUCTURES	#LPAD-IG-STL
PE-17	5-12 Y.O.	1ST-5TH CURVED CHIMES	Ground	PLAY&PARK STRUCTURES	#68131
PE-18	5-12 Y.O.	1ST-5TH SENSORY TOTEM	Ground	PLAY&PARK STRUCTURES	#YP446
PE-19	5-12 Y.O.	1ST-5TH ACTIVITY METER	Ground	PLAY&PARK STRUCTURES	#68115
PE-20	5-12 Y.O.	1ST-5TH MUSIC COMBO	Ground	PLAY&PARK STRUCTURES	#71995, #71424, #71997
PE-21	5-12 Y.O.	1ST-5TH TRIPLE BAY SWING	Ground	PLAY&PARK STRUCTURES	#65179, #65169, #67915
PE-22	5-12 Y.O.	1ST-5TH GROUP SEE-SAW	Ground	PLAY&PARK STRUCTURES	#65285
PE-23	5-12 Y.O.	1ST-5TH CLIMBER	Ground	PLAY&PARK STRUCTURES	#65166
PE-24	2-5 Y.O.	TK/K TRIPLE BASKETBALL SHOT GAME	Ground	PLAY&PARK STRUCTURES	#65190

SITE PLAYGROUND ACCESSIBILITY (PER CBC 11B-240.2.1.2)

	DESCRIPTION	# REQUIRED	# PROVIDED
5-12 PLAYGROUND AREA			
	TOTAL ELEVATED PLAY COMPONENTS	--	18
	TOTAL ELEVATED ACCESSIBLE COMPONENTS (BY RAMP)	4	5
	TOTAL ELEVATED ACCESSIBLE COMPONENTS (BY TRANSFER)	4	18
	TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	0	38
	TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	0	5

ACCESSIBILITY NOTES

1. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN, OUTSIDE OF THE PLAY SURFACING, IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/4" MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL DOES NOT EXCEED 1:20 UNLESS OTHERWISE INDICATED. SEE GRADING PLANS FOR PRECISE GRADING
2. ACCESSIBLE PATH OF TRAVEL ON THE PLAYGROUND SURFACING, AS INDICATED ON THE PLAN, IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/4" MAX AND AT LEAST 60" IN WIDTH (11B-1008.2.4.1). SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL DOES NOT EXCEED 1:20 UNLESS OTHERWISE INDICATED. SEE GRADING PLANS FOR PRECISE GRADING
3. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN., AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". OWNER'S REPRESENTATIVE SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
4. REFER TO SHEET LC-1.01 FOR CONSTRUCTION PLAN.



KEY MAP

SCALE: NTS

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LICENSED LANDSCAPE ARCHITECT
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Sheet Name

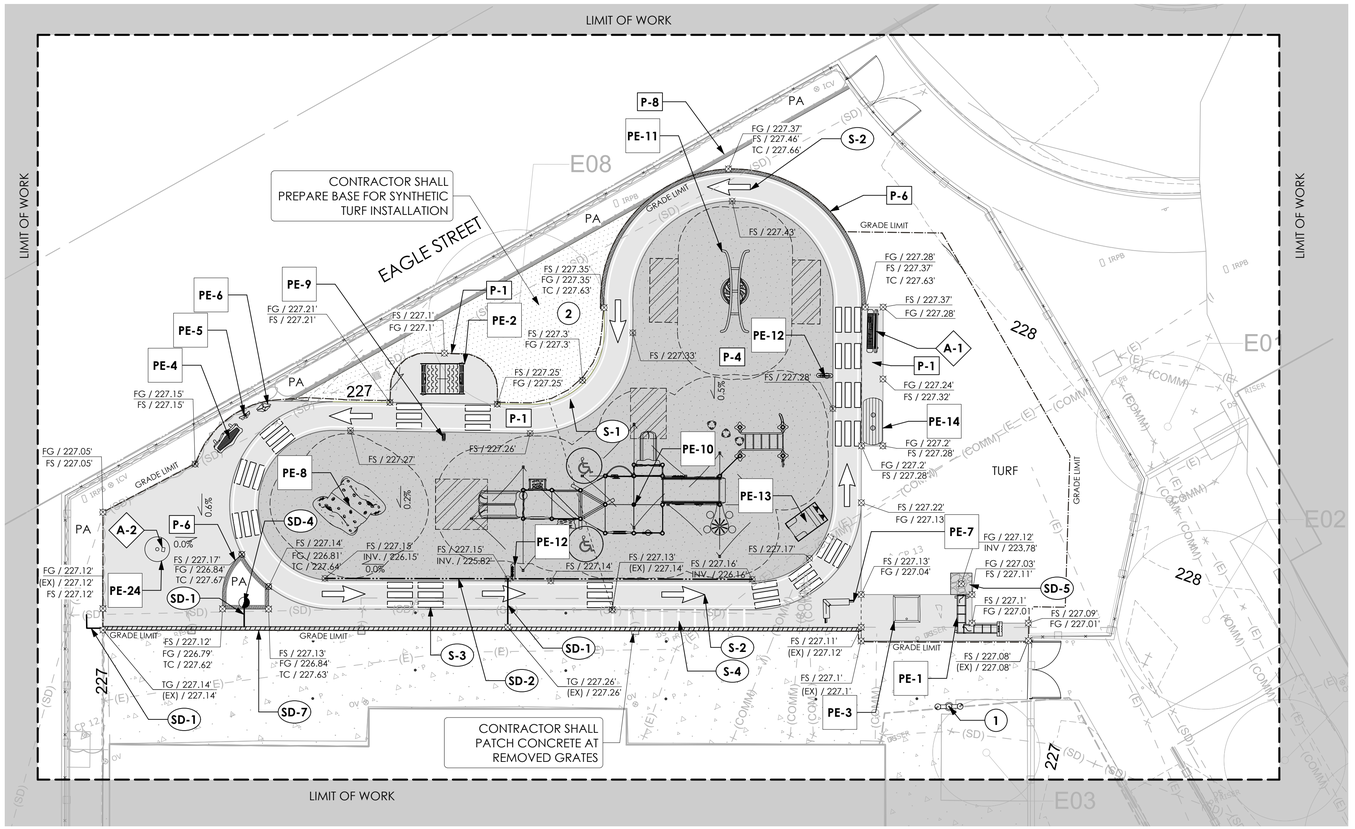
PLAYGROUND ACCESSIBILITY PLAN

Date	10/20/2025
Drawn by	EM
Checked by	BM, MZ

Sheet Number

LC-0.04

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TK + KINDERGARTEN CONSTRUCTION PLAN

SCALE: 1" = 10'-0"

0 10 20 30 ft

PLAY SURFACING NOTES

1. CONTRACTOR TO VERIFY ALL USE ZONE DIMENSIONS AND ALLOWABLE OVERLAP PER MANUFACTURER AND ASTM F-1487.
2. PLAY EQUIPMENT USE ZONES SHALL ONLY OCCUR OVER IMPACT ATTENUATING SURFACING.

   USE ZONE SHALL NOT EXTEND OUT ONTO CONCRETE OR OTHER SITE BUILT ELEMENTS. USE ZONES SHALL NOT OVERLAP EACH OTHER MORE THAN SHOWN ON THE PLAN. CONTRACTOR TO VERIFY USE ZONE EXTENTS BEFORE INSTALLATION OF PLAY EQUIPMENT.
3. MAX FH = MAXIMUM FALL HEIGHT OF EACH PIECE OF PLAY EQUIPMENT PER MANUFACTURER.

   THE FALL HEIGHT OF THE PLAY EQUIPMENT DETERMINES THE REQUIRED BASEMAT THICKNESS OF THE PIP RUBBER SURFACING, OR THE CRITICAL FALL HEIGHT OF THE SURFACING. THIS THICKNESS MAY VARY THROUGHOUT THE PLAYGROUND AREA, AND IS DETERMINED BY THE PIECE OF EQUIPMENT WITH THE HIGHEST FALL HEIGHT.

   PER ASTM F-1292, THE CRITICAL FALL HEIGHT OF THE SURFACING SHALL BE GREATER THAN OR EQUAL TO THE MAXIMUM FALL HEIGHT OF THE PLAYGROUND EQUIPMENT.

   ***CONTRACTOR SHALL VERIFY WITH RUBBER SURFACING MANUFACTURER THE REQUIRED BASEMAT THICKNESS IN EACH AREA OF THE PLAYGROUND.
4. ALL PLAYGROUND EQUIPMENT SHALL INCLUDE MANUFACTURER'S LABEL TO DISPLAY RECOMMENDED AGE RANGE.

CRITICAL FALL HEIGHT* FOR THIS PLAYGROUND = 8'-0"

*CONTRACTOR SHALL VERIFY CFH WITH PLAY MANUFACTURER'S INSTALLATION GUIDELINES

BY OTHERS SCHEDULE

ID#	DESCRIPTION
1	DRINKING FOUNTAIN PER ARCH
2	SYNTHETIC TURF BY OTHERS

CONSTRUCTION NOTES

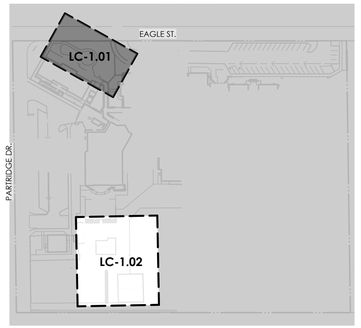
1. SEE SHEET LC-0.01 FOR CONSTRUCTION SCHEDULES AND NOTES.

CONSTRUCTION SCHEDULE (THIS SHEET)

ID#	DESCRIPTION
PAVING	
P-1	PEDESTRIAN CONCRETE PAVING
P-4	POURED IN PLACE RUBBERIZED SURFACING, COLOR 02
P-6	RAISED CONCRETE HEADER
P-8	CONCRETE HEADER
AMENITIES	
A-1	BENCH
A-2	SALVAGE MEMORIAL PLAQUE
PLAY EQUIPMENT	
PE-1	TK/K DOUBLE WATERWAY
PE-2	TK/K PRETEND PLAYHOUSE
PE-3	TK/K ELEVATED SAND BOX WITH PLAY SAND
PE-4	TK/K PRESTO
PE-5	TK/K MUSIC BUTTERFLY
PE-6	TK/K MUSIC FLOWER
PE-7	TK/K PRETEND MARKET
PE-8	TK/K DISCOVER CAVE
PE-9	TK/K SENSORY TOTEM
PE-10	TK/K LARGE WHEELCHAIR ACCESSIBLE PLAY STRUCTURE
PE-11	TK/K GROUP SWING
PE-12	TK/K ACTIVITY METER
PE-13	TK/K PRETEND CAR
PE-14	TK/K PRETEND GAS STATION
PE-24	TK/K TRIPLE BASKETBALL SHOT GAME
STORMWATER AND DRAINAGE	
SD-1	DRAIN PIPE
SD-2	PERFORATED PIPE
SD-4	ATRIUM DRAIN
SD-5	SUMP DRAIN
SD-7	CHANNEL DRAIN
STRIPING AND SIGNAGE	
S-1	TRIKE TRACK STRIPING
S-2	TRIKE TRACK DIRECTIONAL STRIPING
S-3	TRIKE TRACK CROSSING STRIPING
S-4	TRIKE PARKING STRIPING

LINETYPE LEGEND

- GRADING LIMIT LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- GRADE BREAK
- PERFORATED DRAIN PIPE
- DRAIN PIPE
- CHAINLINK FENCE
- FLOWLINE



KEY MAP

SCALE: NTS

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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZIELSDORF
#6044
Signature
10/31/27
Renewal Date
10/20/25
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS E1-25

6700 EAGLE ST.
VENTURA, CA 93003

CONSTRUCTION DOCUMENTS

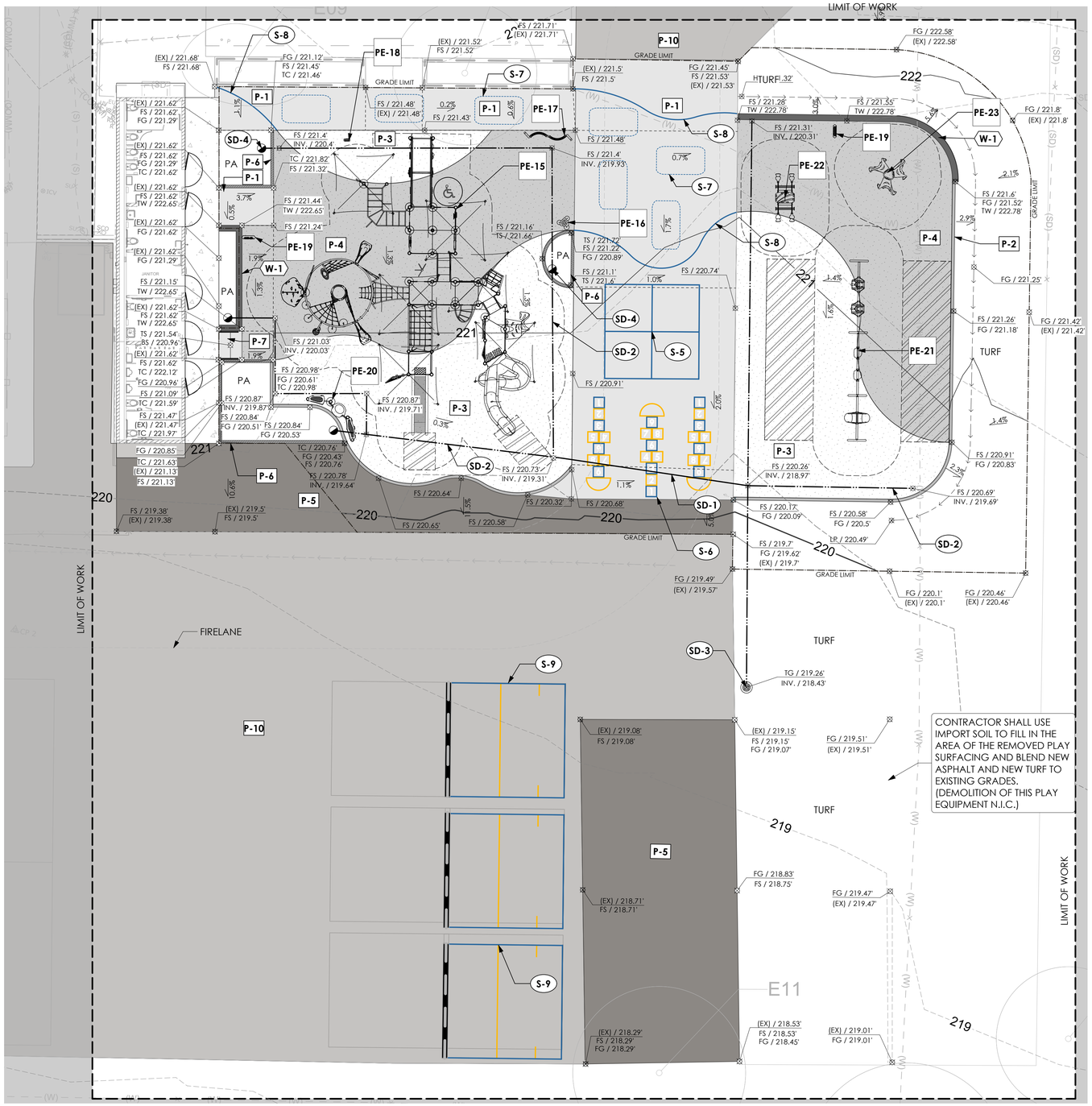
No.	Description	Date

Sheet Name

CONSTRUCTION & GRADING PLANS

Date	10/20/2025
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Sheet Number	LC-1.01

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1ST-5TH PLAYGROUND CONSTRUCTION PLAN

SCALE: 1" = 10'-0"

0 10 20 30 ft

N

PLAY SURFACING NOTES

1. CONTRACTOR TO VERIFY ALL USE ZONE DIMENSIONS AND ALLOWABLE OVERLAP PER MANUFACTURER AND ASTM F-1487.
2. PLAY EQUIPMENT USE ZONES SHALL ONLY OCCUR OVER IMPACT ATTENUATING SURFACING.

   USE ZONE SHALL NOT EXTEND OUT ONTO CONCRETE OR OTHER SITE BUILT ELEMENTS. USE ZONES SHALL NOT OVERLAP EACH OTHER MORE THAN SHOWN ON THE PLAN. CONTRACTOR TO VERIFY USE ZONE EXTENTS BEFORE INSTALLATION OF PLAY EQUIPMENT.
3. MAX FH = MAXIMUM FALL HEIGHT OF EACH PIECE OF PLAY EQUIPMENT PER MANUFACTURER.

   THE FALL HEIGHT OF THE PLAY EQUIPMENT DETERMINES THE REQUIRED BASEMAT THICKNESS OF THE PIP RUBBER SURFACING, OR THE CRITICAL FALL HEIGHT OF THE SURFACING. THIS THICKNESS MAY VARY THROUGHOUT THE PLAYGROUND AREA, AND IS DETERMINED BY THE PIECE OF EQUIPMENT WITH THE HIGHEST FALL HEIGHT.

   PER ASTM F-1292, THE CRITICAL FALL HEIGHT OF THE SURFACING SHALL BE GREATER THAN OR EQUAL TO THE MAXIMUM FALL HEIGHT OF THE PLAYGROUND EQUIPMENT.

   ***CONTRACTOR SHALL VERIFY WITH RUBBER SURFACING MANUFACTURER THE REQUIRED BASEMAT THICKNESS IN EACH AREA OF THE PLAYGROUND.
4. ALL PLAYGROUND EQUIPMENT SHALL INCLUDE MANUFACTURER'S LABEL TO DISPLAY RECOMMENDED AGE RANGE.

CRITICAL FALL HEIGHT* FOR THIS PLAYGROUND = 8'-0"

*CONTRACTOR SHALL VERIFY CFH WITH PLAY MANUFACTURER'S INSTALLATION GUIDELINES

CONSTRUCTION NOTES

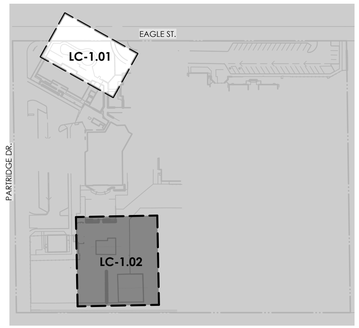
1. SEE SHEET LC-0.01 FOR CONSTRUCTION SCHEDULES AND NOTES.

CONSTRUCTION SCHEDULE (THIS SHEET)

ID#	DESCRIPTION
PAVING	
P-1	PEDESTRIAN CONCRETE PAVING
P-2	FLUSH CONCRETE HEADER
P-3	POURED IN PLACE RUBBERIZED SURFACING, COLOR 01
P-4	POURED IN PLACE RUBBERIZED SURFACING, COLOR 02
P-5	AC PAVING
P-6	RAISED CONCRETE HEADER
P-7	CONCRETE STAIR
P-10	ASPHALT CRACK SEAL, SLURRY COAT AND RESTRIPING
PLAY EQUIPMENT	
PE-15	1ST-5TH WHEEL CHAIR ACCESSIBLE PLAY STRUCTURE
PE-16	1ST-5TH LILYPAD CYMBALS
PE-17	1ST-5TH CURVED CHIMES
PE-18	1ST-5TH SENSORY TOTEM
PE-19	1ST-5TH ACTIVITY METER
PE-20	1ST-5TH MUSIC COMBO
PE-21	1ST-5TH TRIPLE BAY SWING
PE-22	1ST-5TH GROUP SEE-SAW
PE-23	1ST-5TH CLIMBER
WALLS AND FENCES	
W-1	CONCRETE RETAINING SEATWALL
STORMWATER AND DRAINAGE	
SD-1	DRAIN PIPE
SD-2	PERFORATED PIPE
SD-3	POP-UP EMITTER
SD-4	ATRIUM DRAIN
STRIPING AND SIGNAGE	
S-5	FOUR SQUARE STRIPING
S-6	HOP SCOTCH STRIPING
S-7	SENSORY PATH GROUND TREATMENT
S-8	SENSORY PATH BORDER STRIPING
S-9	BALL WALL RE-STRIPING

LINETYPE LEGEND

- GRADING LIMIT LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- GRADE BREAK
- PERFORATED DRAIN PIPE
- DRAIN PIPE
- CHAINLINK FENCE
- FLOWLINE



KEY MAP

SCALE: NTS

N

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CONSTRUCTION DOCUMENTS

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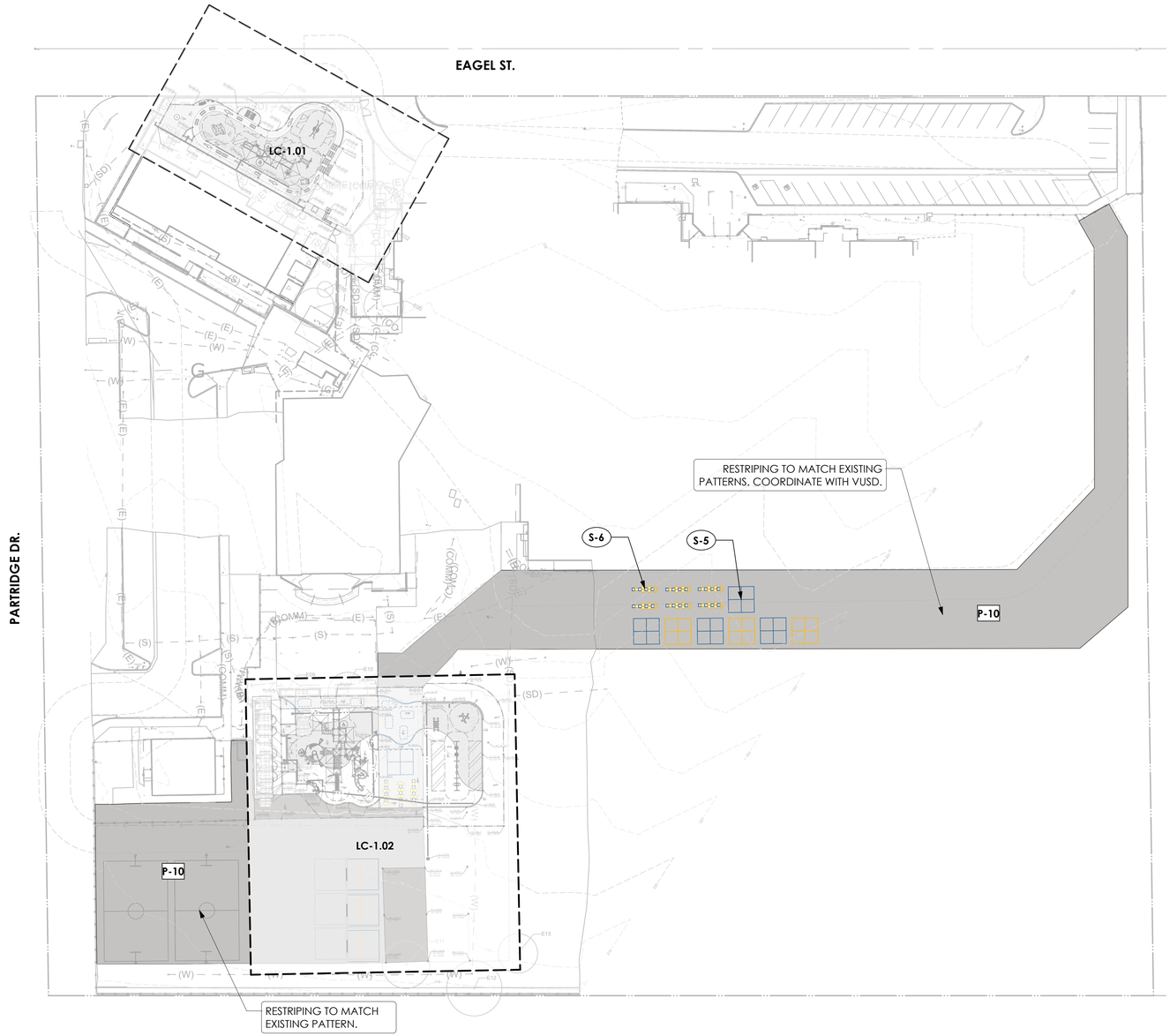
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CONSTRUCTION & GRADING PLANS

Date 10/20/2025
Drawn by EM
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Sheet Number

LC-1.02

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CAMPUS AC SLURRY AND RESTRIPING PLAN

SCALE: 1" = 40'-0"

0 50 100 150 ft

N

CONSTRUCTION NOTES

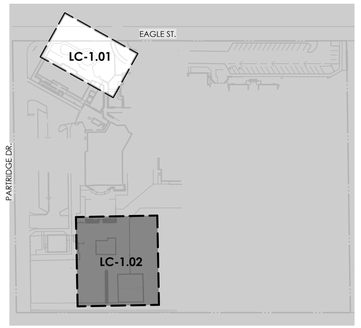
1. SEE SHEET LC-0.01 FOR CONSTRUCTION SCHEDULES AND NOTES.

CONSTRUCTION SCHEDULE (THIS SHEET)

ID#	DESCRIPTION
PAVING	
P-10	ASPHALT CRACK SEAL, SLURRY COAT AND RESTRIPING
STRIPING AND SIGNAGE	
S-5	FOUR SQUARE STRIPING
S-6	HOP SCOTCH STRIPING

LINETYPE LEGEND

- GRADING LIMIT LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- GRADE BREAK
- PERFORATED DRAIN PIPE
- DRAIN PIPE
- CHAINLINK FENCE
- FLOWLINE



KEY MAP

SCALE: NTS

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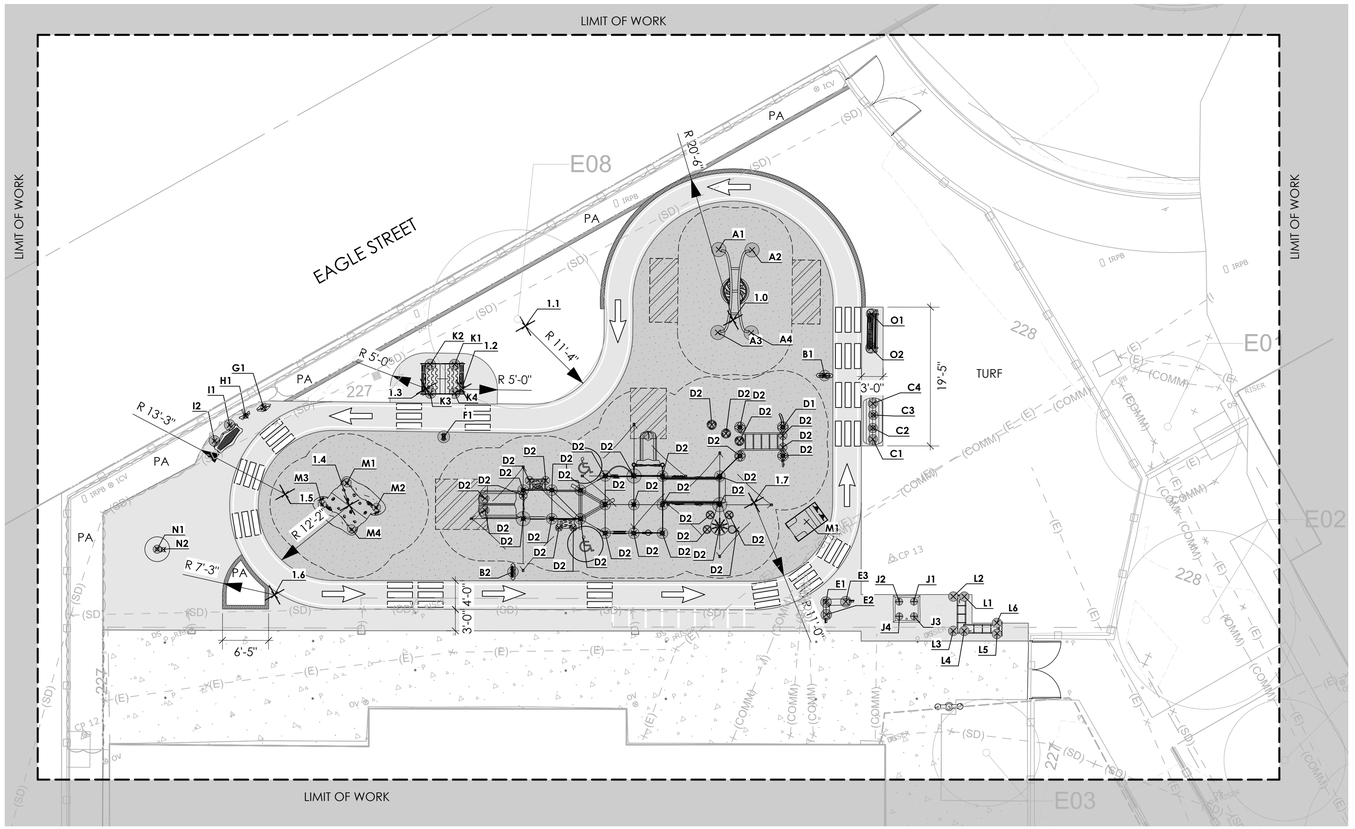
No.	Description	Date

Sheet Name

ASPHALT REPAIR/RESTRIPE PLAN

Date	10/20/2025
Drawn by	EM
Checked by	BM, MZ
Sheet Number	LC-1.03

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TK + KINDERGARTEN FOOTING PLAN

SCALE: 1" = 10'-0"

0 10 20 30 ft

PLAYGROUND FOOTING LEGEND

ID	EASTING	NORTHING
1 - TK-K GROUP SWING		
A1	6198323.27	1921047.92
A2	6198327.63	1921046.27
A3	6198319.18	1921037.07
A4	6198323.54	1921035.43
2 - ACTIVITY METERS		
B1	6198331.14	1921026.31
B2	6198280.83	1921015.46
3 - PRETEND GAS STATION		
C1	6198334.42	1921015.64
C2	6198334.97	1921017.11
C3	6198335.64	1921018.80
C4	6198336.14	1921020.32
4 - TK/K LARGE PLAY STRUCTURE		
D1	6198323.19	1921021.53
D2	6198292.22	1921019.18
D2	6198294.79	1921016.11
D2	6198290.86	1921018.35
D2	6198289.84	1921024.31
D2	6198298.54	1921014.73
D2	6198308.36	1921011.72
D2	6198310.15	1921011.54
D2	6198302.30	1921013.36
D2	6198303.67	1921017.11
D2	6198285.82	1921024.97
D2	6198289.50	1921025.88
D2	6198280.67	1921026.43
D2	6198280.09	1921024.86
D2	6198287.36	1921026.66
D2	6198288.47	1921020.55
D2	6198288.97	1921019.04
D2	6198286.09	1921025.69
D2	6198284.71	1921021.93
D2	6198312.25	1921010.30
D2	6198322.23	1921018.87
D2	6198322.79	1921020.42
D2	6198312.56	1921018.12
D2	6198321.83	1921017.76
D2	6198316.19	1921019.80
D2	6198313.97	1921025.24
D2	6198317.55	1921023.56
D2	6198316.83	1921021.79
D2	6198315.42	1921023.41
D2	6198311.19	1921014.36
D2	6198299.92	1921018.49
D2	6198311.95	1921012.57
D2	6198309.45	1921013.49
D2	6198293.60	1921022.93
D2	6198301.29	1921022.24
D2	6198305.05	1921020.87
D2	6198296.16	1921019.86
D2	6198297.54	1921023.62
5 - PRETEND MARKET		
E1	6198320.48	1920996.49
E2	6198319.91	1920994.82
E3	6198323.10	1920995.59
6 - SENSORY TOTEM		
F1	6198278.19	1921036.48
7 - MUSIC FLOWER		
G1	6198255.95	1921048.96
8 - MUSIC BUTTERFLY		
H1	6198253.21	1921048.72
9 - MUSIC PRESTO		
I1	6198250.65	1921048.29
I2	6198247.90	1921046.92
10 - ELEVATED SAND TABLE		
J1	6198332.04	1920992.35
J2	6198330.12	1920993.04
J3	6198331.35	1920990.42
J4	6198329.43	1920991.11
11 - PRETEND PLAYHOUSE		
K1	6198283.09	1921045.46
K2	6198279.89	1921046.63
K3	6198278.56	1921042.86
K4	6198281.72	1921041.70

PLAY STRUCTURE FOOTING NOTES

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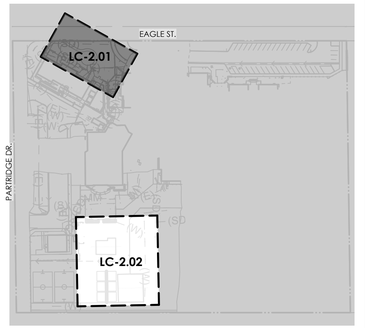
NOTE:

1. THIS TABLE SHALL SUPERCEDE MAUFACTURER'S ORDINATE TABLE.
2. REFERENCE MANUFACTURER'S FOOTING TABLE FOR FOOTING TYPES AND SIZES.

12 - DOUBLE WATERWAY		
L1	6198338.91	1920990.60
L2	6198337.46	1920991.13
L3	6198335.81	1920986.62
L4	6198337.25	1920986.09
L5	6198341.44	1920984.19
L6	6198341.93	1920985.58
13 - DISCOVERY CAVE		
M1	6198263.28	1921035.04
M1	6198321.77	1921007.96
M2	6198265.95	1921030.41
M3	6198258.98	1921033.42
M4	6198261.69	1921028.70
14 - TRIPLE SHOT BASKETBALL AND MEMORIAL PLAQUE		
N1	6198235.20	1921035.44
N2	6198235.98	1921035.10
15 - BENCH		
O2	6198338.55	1921027.72
O1	6198340.26	1921032.15

SITE FEATURES LAYOUT TABLE

ID	EASTING	NORTHING
1.0	6198321.76	1921037.99
1.1	6198294.22	1921047.13
1.2	6198282.84	1921041.88
1.3	6198278.17	1921043.67
1.4	6198262.54	1921032.01
1.5	6198254.64	1921036.54
1.6	6198248.43	1921023.83
1.7	6198315.79	1921013.01



KEY MAP

SCALE: NTS

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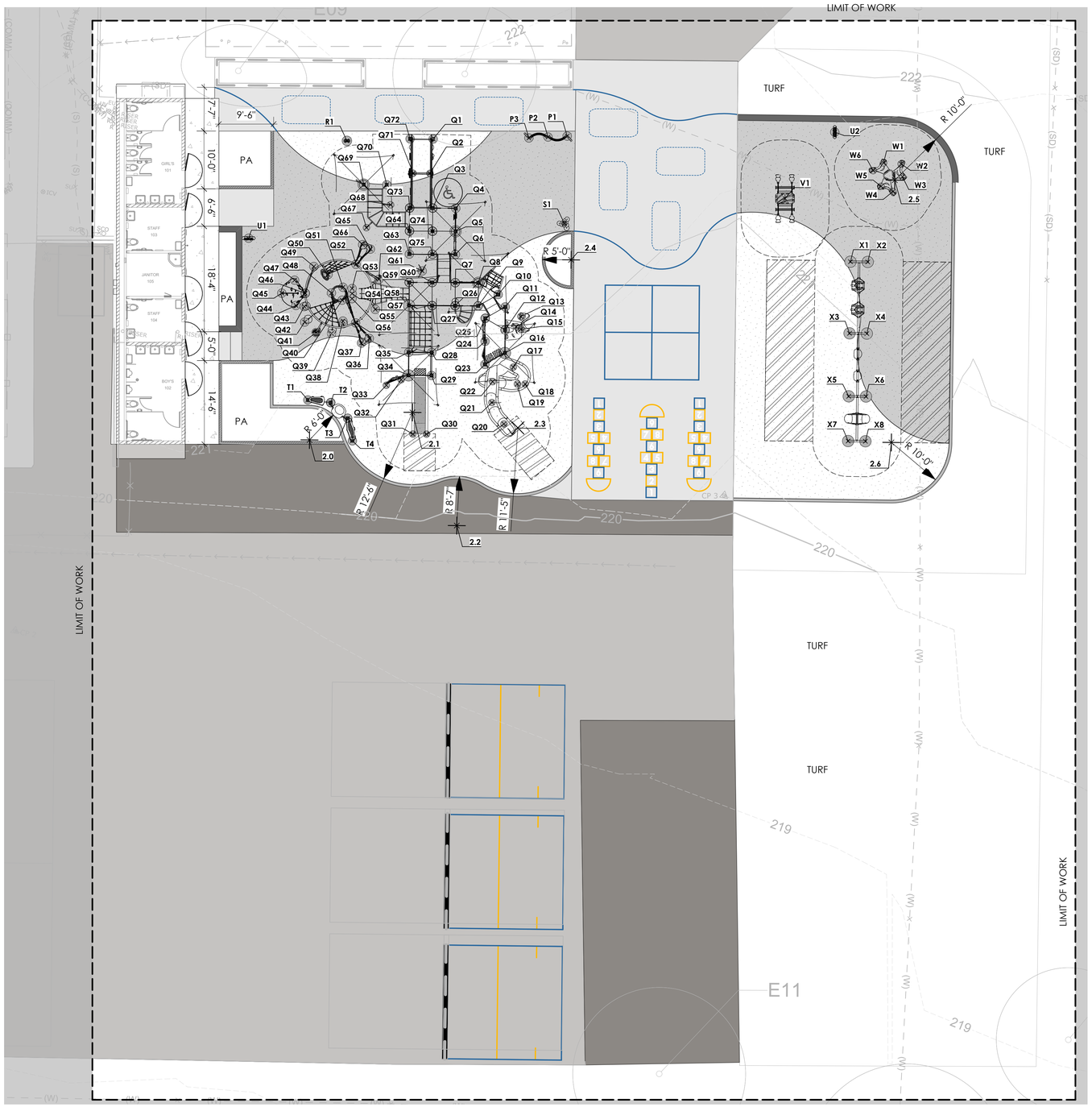
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HORIZONTAL CONTROL PLAN

Date	10/20/2025
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Sheet Number	LC-2.01

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1ST-5TH PLAYGROUND FOOTING PLAN

SCALE: 1" = 10'-0"

0 10 20 30 ft

N

PLAYGROUND FOOTING LEGEND

ID	EASTING	NORTHING
16 - 1st-5th CHIMES		
P1	6198419.16	1920685.58
P2	6198415.92	1920684.83
P3	6198412.67	1920684.08
17 - 1ST-5TH LARGE PLAY STRUCTURE		
Q1	6198396.35	1920680.97
Q2	6198396.85	1920674.99
Q3	6198398.40	1920669.14
Q4	6198402.34	1920669.83
Q5	6198403.02	1920665.89
Q6	6198403.71	1920661.94
Q7	6198404.54	1920657.10
Q8	6198408.48	1920657.79
Q9	6198409.17	1920653.84
Q10	6198412.24	1920656.41
Q11	6198413.82	1920654.51
Q12	6198414.51	1920650.57
Q13	6198416.79	1920653.35
Q14	6198416.29	1920651.47
Q15	6198417.17	1920651.15
Q16	6198415.19	1920646.63
Q17	6198417.05	1920644.47
Q18	6198419.58	1920641.96
Q19	6198418.26	1920641.72
Q20	6198417.19	1920634.48
Q21	6198414.48	1920637.77
Q22	6198413.96	1920641.35
Q23	6198412.12	1920644.05
Q24	6198411.43	1920648.01
Q25	6198410.75	1920651.95
Q26	6198405.23	1920653.16
Q27	6198401.28	1920652.48
Q28	6198402.67	1920644.47
Q29	6198403.35	1920640.53
Q30	6198404.29	1920630.36
Q31	6198401.95	1920629.96
Q32	6198398.28	1920638.88
Q33	6198395.92	1920637.47
Q34	6198399.41	1920639.85
Q35	6198398.73	1920643.79
Q36	6198391.57	1920644.94
Q37	6198390.39	1920643.92
Q38	6198386.53	1920647.10
Q39	6198384.97	1920644.63
Q40	6198385.75	1920650.65
Q41	6198382.29	1920644.31
Q42	6198380.03	1920645.75
Q43	6198379.49	1920648.40
Q44	6198378.03	1920648.32
Q45	6198375.23	1920649.99
Q46	6198379.25	1920650.69
Q47	6198377.03	1920652.60
Q48	6198383.71	1920651.55
Q49	6198379.89	1920655.53
Q50	6198382.57	1920654.60
Q51	6198385.51	1920652.86
Q52	6198387.02	1920657.20
Q53	6198387.11	1920652.94
Q54	6198387.26	1920652.08
Q55	6198387.41	1920651.21
Q56	6198388.76	1920647.17
Q57	6198391.71	1920650.09
Q58	6198397.34	1920651.80
Q59	6198396.66	1920655.74
Q60	6198400.60	1920656.42
Q61	6198398.54	1920658.09
Q62	6198391.40	1920655.34
Q63	6198395.82	1920660.58
Q64	6198395.14	1920664.52
Q65	6198389.02	1920660.24
Q66	6198387.55	1920660.76
Q67	6198387.69	1920663.77
Q68	6198391.11	1920668.42
Q69	6198385.89	1920671.04
Q70	6198389.83	1920671.72
Q71	6198393.98	1920674.49
Q72	6198392.41	1920680.28
Q73	6198394.46	1920668.46
Q74	6198399.08	1920665.20
Q75	6198399.76	1920661.26
18 - 1ST-5TH SENSORY TOTEM		
R1	6198381.68	1920678.00
19 - 1ST-5TH LILYPAD CHIMES		
S1	6198421.35	1920670.56
20 - 1ST-5TH MUSIC COMBO		
T1	6198382.96	1920632.56
T2	6198386.96	1920632.80
T3	6198390.33	1920630.65
T4	6198391.83	1920626.94
21 - 1ST-5TH ACTIVITY PANEL		
U1	6198367.89	1920658.32
U2	6198464.73	1920694.48
22 - 1ST-5TH GROUP SEESAW		
V1	6198458.28	1920681.61
23 - 1ST-5TH CLIMBER		
W1	6198474.03	1920690.70
W2	6198477.05	1920691.08
W3	6198477.69	1920688.93
W4	6198476.50	1920686.12
W5	6198474.32	1920686.65
W6	6198472.48	1920689.07
24 - 1ST-5TH TRIPLE BAY SWING SET		
X1	6198471.40	1920672.83
X2	6198474.36	1920673.32
X3	6198473.44	1920660.57
X4	6198476.40	1920661.06
X5	6198475.23	1920649.79
X6	6198478.19	1920650.28
X7	6198476.51	1920642.13
X8	6198479.47	1920642.63

PLAY STRUCTURE FOOTING NOTES

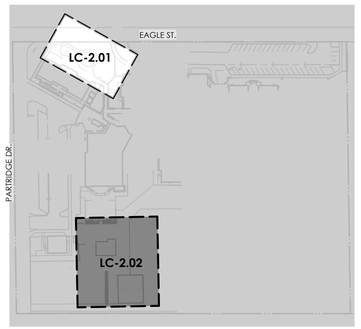
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NOTE:

1. THIS TABLE SHALL SUPERCEDE MAUFACTURER'S ORDINATE TABLE.
2. REFERENCE MANUFACTURER'S FOOTING TABLE FOR FOOTING TYPES AND SIZES.

SITE FEATURES LAYOUT TABLE

ID	EASTING	NORTHING
2.0	6198384.47	1920625.78
2.1	6198401.22	1920633.64
2.2	6198412.26	1920615.68
2.3	6198419.69	1920634.24
2.4	6198423.62	1920664.56
2.5	6198476.46	1920688.11
2.6	6198483.94	1920643.22



KEY MAP

SCALE: NTS

N

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CONSTRUCTION DOCUMENTS

No.	Description	Date

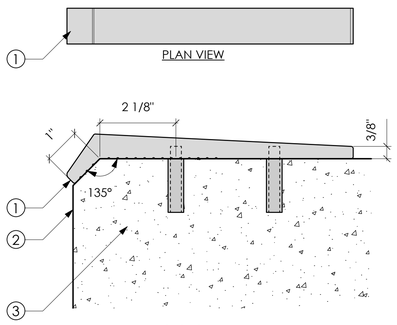
Sheet Name

HORIZONTAL CONTROL PLAN

Date 10/20/2025
Drawn by EM
Checked by BM, MZ
Sheet Number

LC-2.02

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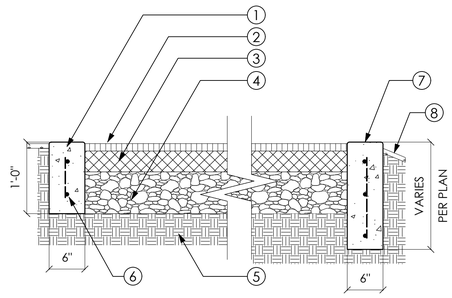


LEGEND:
1. ALUMINUM SKATE STOPPER
2. CONCRETE SEATING EDGE, SEE DETAIL, THIS SHEET
3. ANCHORING STUDS AND EPOXY (3/8" x 1-1/2")

NOTES:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS
2. FIRST SKATE STOP IS 18" FROM THE END OF THE WALL/SEAT, ALL PROCEEDING SKATE STOPS ARE 36" O.C.
3. SKATE STOPS SHALL BE INSTALLED WHERE SEATWALL IS ADJACENT TO CONCRETE/ASPHALT OR OTHER HARDSCAPE PAVEMENT. SKATE STOPS ARE NOT REQUIRED TO BE INSTALLED WHERE SEATWALLS FACE RUBBERIZED PLAY SURFACING.

G SKATE STOP

SCALE: 6" = 1'-0"

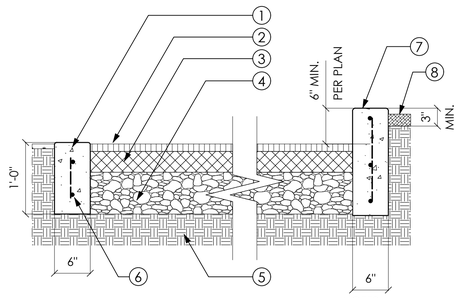


1. REINFORCED CONCRETE HEADER
2. POURED IN PLACE TOP COAT WEAR COURSE
3. POURED IN PLACE BASEMAT IMPACT COURSE. THICKNESS VARIES. SEE MANUFACTURER'S RECOMMENDATIONS.
4. CLASS 2 AGGREGATE. MIN. 4"
5. COMPACTED SUBGRADE DRAINS TO INLET. SEE GRADING PLANS
6. (2) #3 REBAR CONTINUOUS HORIZ. #3 REBAR VERT. @24" O.C.
7. DEEPENED, RETAINING CURB WHERE APPLICABLE
8. ADJACENT TURF OR PLANTING AREA

NOTES:
1. CLASS 2 AGGREGATE BASE TO BE COMPACTED IN 2" LIFTS TO 95% AND FULLY CONTAINED.
2. AGG BASE ELEVATION SHALL DRAIN PER GRADING PLAN.
3. POUR IN PLACE SURFACE (P.I.P.) MATERIAL VARIES IN THICKNESS.
4. REFER TO MANUFACTURER'S RECOMMENDATIONS BASED ON CRITICAL FALL HEIGHT OF PLAY EQUIPMENT.

D POURED IN PLACE RUBBERIZED PLAY SURFACING WITH HEADER CURB

SCALE: 1" = 1'-0"

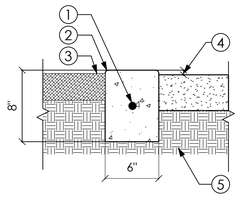


1. REINFORCED CONCRETE HEADER
2. POURED IN PLACE TOP COAT WEAR COURSE
3. POURED IN PLACE BASEMAT IMPACT COURSE. THICKNESS VARIES. SEE MANUFACTURER'S RECOMMENDATIONS.
4. CLASS 2 AGGREGATE. MIN. 4"
5. COMPACTED SUBGRADE DRAINS TO INLET. SEE GRADING PLANS
6. (2) #3 REBAR CONTINUOUS HORIZ. #3 REBAR VERT. @24" O.C.
7. RAISED RETAINING CURB, WHERE APPLICABLE. REFER TO GRADING PLAN FOR ELEVATIONS.
8. ADJ. PLANTER

NOTES:
1. CLASS 2 AGGREGATE BASE TO BE COMPACTED IN 2" LIFTS TO 95 AND FULLY CONTAINED.
2. AGG BASE ELEVATION SHALL DRAIN PER GRADING PLAN.
3. POUR IN PLACE SURFACE (P.I.P.) MATERIAL VARIES IN THICKNESS.
4. REFER TO MANUFACTURER'S RECOMMENDATIONS BASED ON CRITICAL FALL HEIGHT OF PLAY EQUIPMENT.

E POURED IN PLACE RUBBERIZED PLAY SURFACING WITH RAISED CURB

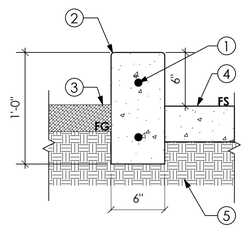
SCALE: 1" = 1'-0"



LEGEND:
1. CENTER #3 BAR
2. 3/8" FILLET
3. ADJ. BARK MULCH, DG, OR TURF
4. ADJ. GRADE= 2" TURF
   = 1" TOP OF MULCH
   = 1/4" DG
5. UNDISTURBED SOIL

H CONCRETE HEADER

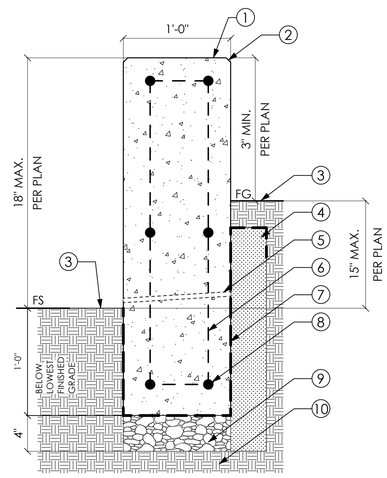
SCALE: 1 1/2" = 1'-0"



LEGEND:
1. CENTER #3 BAR
2. 3/8" FILLET
3. ADJ. BARK MULCH IN PLANTING AREA
4. ADJ. PAVING
5. UNDISTURBED SOIL

I RAISED CONCRETE HEADER

SCALE: 1 1/2" = 1'-0"

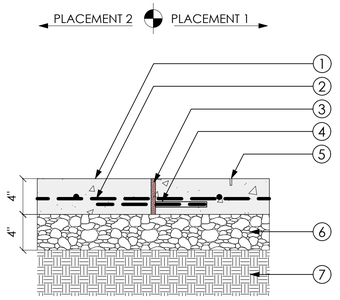


LEGEND:
1. SKATE STOPPER. SEE DETAIL, THIS SHEET
2. C.I.P. CONCRETE WALL PER PLANS (RETAINING WHERE REQUIRED). #3 REBAR HORIZONTAL CONTINUOUS AT 4 CORNERS. SET MIN. 2" FROM CORNER. 3/4" CHAMFER ON TOP EDGES
3. ADJACENT FINISH GRADE VARIES. SEE PLANS FOR SPOT ELEVATIONS
4. 4" MIN. CRUSHED GRAVEL BACKFILL
5. 1/2" WEEP HOLE @ 24" O.C. TYP.
6. #4 REBAR CAGE AT 2'-0" O.C.
7. HENRY CM 100 WATERPROOFING MATERIAL PER MANUFACTURER'S RECOMMENDATIONS
8. #3 CONT. HORIZONTAL BARS
9. 4" MIN. COMPACTED CLASS 2 AGGREGATE BASE
10. COMPACTED SUBGRADE

NOTES:
1. BOTTOM OF FOOTING IS 12" BELOW LOWEST FG, (TYP.)
2. SEE GRADING PLAN FOR WALL ELEV. AND ADJACENT FS ELEV.

F RETAINING SEATWALL

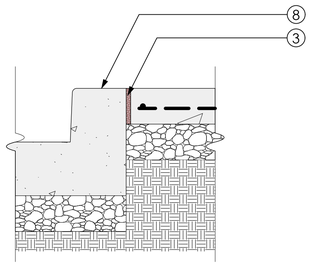
SCALE: 1 1/2" = 1'-0"



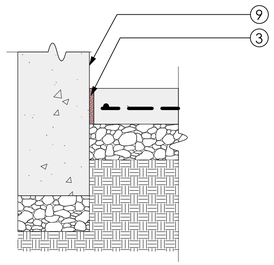
LEGEND:
1. CONCRETE COLOR AND FINISH PER HARDSCAPE PLAN.
2. CENTER #4, REBAR @ 16" BOTH WAYS.
3. 1/2" FOAM EXPANSION JOINT W/MASTIC SEALER PER CONSTRUCTION NOTES, LOCATIONS PER HARDSCAPE PLANS.
4. #4 REBAR DOWEL WITH 1/2" DOWEL SLEEVE AT 16" O.C. GROUT IN SLEEVE AND INSERT BAR.
5. SAW-CUT 3/16" WIDE x 3/4" DEEP SCORING; SCORE LOCATIONS PER HARDSCAPE PLANS.
6. CLASS 2 AGGREGATE BASE, COMPACTED 90%.
7. COMPACTED SUBGRADE PER ENGINEER.
8. CONCRETE CURB. PER CIVIL PLANS.
9. BUILDING OR OTHER VERTICAL ELEMENT. PER CIVIL OR ARCHITECTURAL PLANS.

4" CONCRETE PAVING/WALKS - ISOLATION JOINT WITH SEALANT

NOTES:
1. ATTACH 1/2" THICK FOAM EXPANSION MATERIAL TO CONCRETE PLACEMENT 1 USING SPRAY GLUE.
2. FOAM EXPANSION MATERIAL MUST BE STRAIGHT AND FLUSH WITH THE FACE OF CONCRETE PLACEMENT 1.



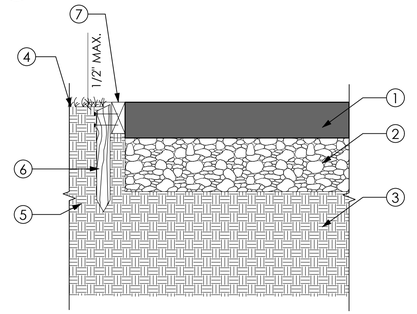
ISOLATION JOINT WITH SEALANT - HORIZONTAL ELEMENT CONDITION



ISOLATION JOINT WITH SEALANT - VERTICAL ELEMENT CONDITION

A CONCRETE PAVING

SCALE: 1 1/2" = 1'-0"

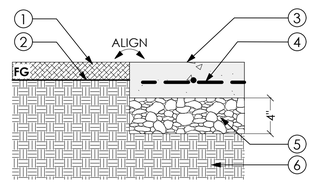


LEGEND:
1. AC PAVING
2. CLASS 2 AGGREGATE BASE COMPACTED PER SOILS REPORT
3. SCARIFY/OVEREXCAVATE AND RECOMPACT SUB-GRADE PER SOILS REPORT
4. ADJACENT TURF, PER PLAN.
5. UNDISTURBED SUBGRADE OR APPROVED FILL COMPACTED PER SOILS REPORT RECOMMENDATIONS AND ENG. PLANS.
6. 2"X4" REDWOOD HEADER BOARD
7. 2"X2"X12" PRESSURE TREATED D.F. STAKE. CHAMFER TOP OF STAKE. PLACE STAKES @ 3' O.C. ALONG LENGTH OF PATH. ATTACH TO HEADER WITH 2 PLATED DECK SCREWS PER STAKE.

NOTES:
1. MATCH EXISTING SECTION OR 4" AC ON 6" AGG BASE (WHICHEVER IS GREATER)

B AC PAVING

SCALE: 1 1/2" = 1'-0"



LEGEND:
1. PLANTER AREA MULCH PER PLANS
2. PLANTER AREA FINISHED GRADE
3. CONCRETE COLOR AND FINISH PER HARDSCAPE PLAN.
4. REBAR PER HARDSCAPE PLAN AND DETAILS.
5. CLASS 2 AGGREGATE BASE, COMPACTED PER HARDSCAPE PLAN AND DETAILS.
6. COMPACTED SUBGRADE PER ENGINEER.

NOTE:
1. REFER TO TREE PLANTING DETAIL FOR INSTALLATION OF ROOT BARRIER, WHERE APPLICABLE.

C CONCRETE PAVING ADJACENT TO PLANTING AREA

SCALE: 1 1/2" = 1'-0"

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461 East Main Street, Ventura, CA 93001
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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZIELSDORF
#6044
Signature
10/31/27
Renewal Date
10/20/25
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS E1-25

6700 EAGLE ST,
VENTURA, CA 93003

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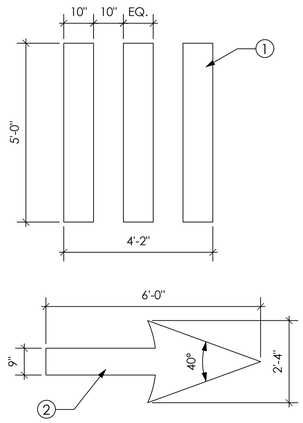
CONSTRUCTION DETAILS

Date	10/20/2025
Drawn by	EM
Checked by	BM, MZ

Sheet Number

LC-3.01

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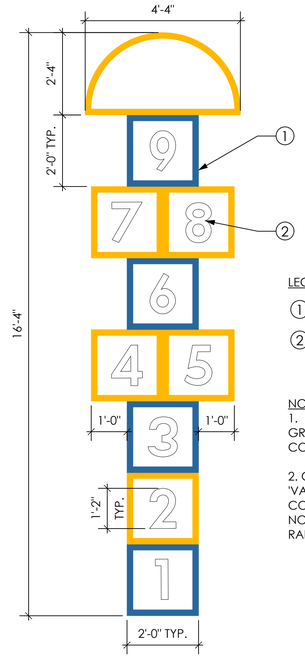
1. TRIKE TRACK CROSSWALK STRIPING
2. TRIKE TRACK DIRECTIONAL ARROW

NOTES:
1. REFER TO CONSTRUCTION SCHEDULE FOR GROUND PAINT TEXTURE, MANUFACTURER AND COLOR.

2. COAT ALL PAINTED SURFACES W/ 'VANDLGUARD TEN' NON-SACRIFICIAL GRAFFITI COATING AND VANDLGUARD FINISH COAT NON-SACRIFICIAL GRAFFITI COATING BY RAINGUARD INTERNATIONAL.

E TRIKE TRACK STRIPING

SCALE: 1/2" = 1'-0"



LEGEND:

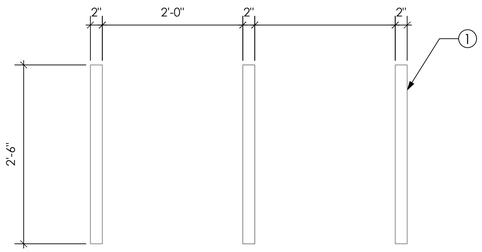
1. HOP SCOTCH STRIPING
2. HOP SCOTCH NUMBERING, 2" MIN. WIDTH, WHITE

NOTES:
1. REFER TO CONSTRUCTION SCHEDULE FOR GROUND PAINT TEXTURE, MANUFACTURER AND COLOR.

2. COAT ALL PAINTED SURFACES W/ 'VANDLGUARD TEN' NON-SACRIFICIAL GRAFFITI COATING AND VANDLGUARD FINISH COAT NON-SACRIFICIAL GRAFFITI COATING BY RAINGUARD INTERNATIONAL.

C HOP SCOTCH STRIPING

SCALE: 1/2" = 1'-0"



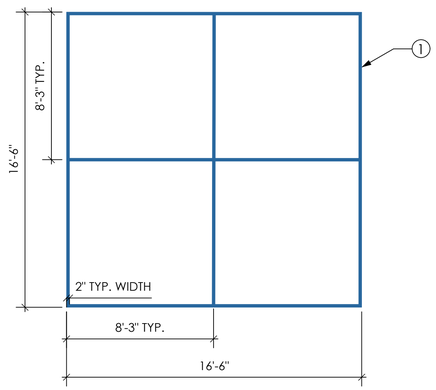
LEGEND:

1. TRIKE TRACK PARKING STRIPING

NOTES:
1. REFER TO CONSTRUCTION SCHEDULE FOR GROUND PAINT TEXTURE, MANUFACTURER AND COLOR.
2. COAT ALL PAINTED SURFACES W/ 'VANDLGUARD TEN' NON-SACRIFICIAL GRAFFITI COATING AND VANDLGUARD FINISH COAT NON-SACRIFICIAL GRAFFITI COATING BY RAINGUARD INTERNATIONAL.

F TRIKE PARKING STRIPING

SCALE: 1" = 1'-0"



LEGEND:

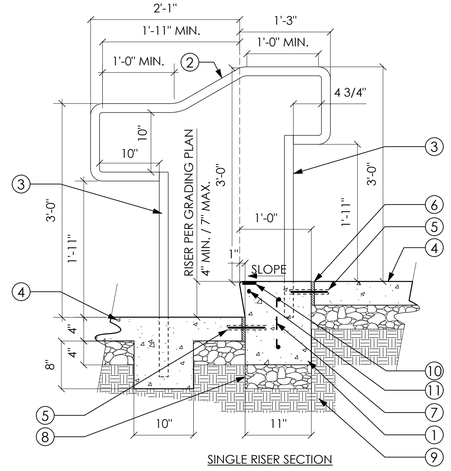
1. FOUR SQUARE STRIPING

NOTES:
1. REFER TO CONSTRUCTION SCHEDULE FOR GROUND PAINT TEXTURE, MANUFACTURER AND COLOR. COLORS VARY PER PLAN.

2. COAT ALL PAINTED SURFACES W/ 'VANDLGUARD TEN' NON-SACRIFICIAL GRAFFITI COATING AND VANDLGUARD FINISH COAT NON-SACRIFICIAL GRAFFITI COATING BY RAINGUARD INTERNATIONAL.

D FOUR SQUARE STRIPING

SCALE: 1/4" = 1'-0"



SINGLE RISER SECTION

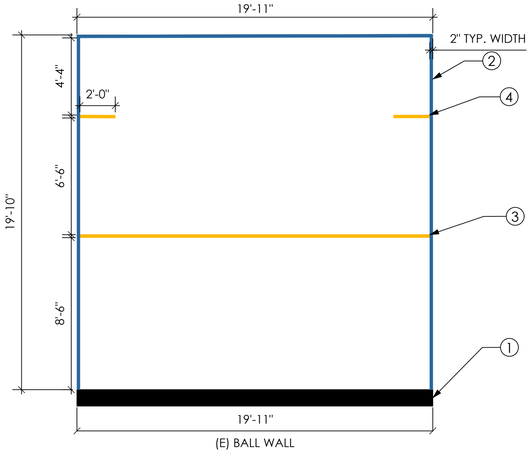
LEGEND:

1. CONCRETE STAIR. SEE LANDSCAPE PLANS FOR COLOR AND FINISH.
2. 1 1/2" DIA. STAINLESS STEEL PIPE HANDRAIL BOTH SIDES OF STAIR.
3. 1 1/2" DIA. STAINLESS STEEL POST, SET 6" MIN. IN CONCRETE. OFFSET EDGE. 3" MIN FROM STAIR EDGE. 4'-0" MAX. POST SPACING.
4. ADJ. CONCRETE WALK OR PEDESTRIAN PAVER. SEE LANDSCAPE SITE PLAN.
5. (2) #4 REBAR DOWELS 6" INTO STAIR AND ADJ. CONCRETE. AT BOTTOM OF STAIR.
6. 1/2" ISOLATION JOINT FILLER WITH JOINT SEALER.
7. #4 REBAR AT 12" O.C. EACH WAY. 2" MIN. CLEAR FROM BOTTOM.
8. 4" MIN. COMPACTED PMB.
9. COMPACTED SUBGRADE.
10. 2" MIN. WIDE CONTRASTING STRIPE, SET 1" MAX FROM EDGE OF TREAD.
11. #3 CONTINUOUS NOSE REBAR, 2" CLEAR FROM EDGE.

NOTES:
1. ALL STAIR TREADS, IN ACCORDANCE WITH CBC 11B-504.4.1, SHALL RECEIVE A CONTRASTING STRIPE OF BLACK TRANSPARENT STAIN. STRIPE SHALL BE AT LEAST AS SLIP RESISTANT AS THE TREAD OF THE STAIR.
2. GRIND ALL WELDS SMOOTH
3. FIELD MEASURE ALL DIMENSIONS AND SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION.
4. PRIME AND PAINT PER ARCHITECT SPECIFICATION

A SINGLE RISER CONCRETE STAIR WITH RAILING

SCALE: 1" = 1'-0"



LEGEND:

1. EXISTING BALL WALL
2. PERIMETER COURT STRIPING
3. FAULT LINE
4. SERVICE LINE

NOTES:
1. REFER TO CONSTRUCTION SCHEDULE FOR GROUND PAINT TEXTURE, MANUFACTURER AND COLOR. COLORS VARY PER PLAN.

2. COAT ALL PAINTED SURFACES W/ 'VANDLGUARD TEN' NON-SACRIFICIAL GRAFFITI COATING AND VANDLGUARD FINISH COAT NON-SACRIFICIAL GRAFFITI COATING BY RAINGUARD INTERNATIONAL.

B BALL WALL STRIPING

SCALE: 1/4" = 1'-0"

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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZITELSDORF
#6044
Signature
10/31/27
Renewal Date
10/20/25
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS E1-25

6700 EAGLE ST, VENTURA, CA 93003

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Date	10/20/2025
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Sheet Number

LC-3.02

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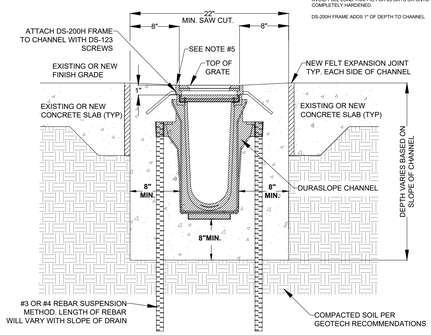
INSTALLATION DETAIL

USE ONLY DURASLOPE CLASS 'D' GRATES WITH THIS APPLICATION

NOTE:
CHANNELS TO BE INSTALLED WITH BLANK GRATE TO BE PROTECTED FROM CONCRETE POUR (COVER HOLES WITH TAPE)

SET TRENCH DRAIN CHANNEL SURROUNDED BY 9" OF CONCRETE AND REINFORCED WITH #3 REBAR AT 12" O.C.
AVOID FULL LOAD TRAFFIC FOR 28 DAYS OR UNTIL CONCRETE HAS COMPLETELY HARDENED.

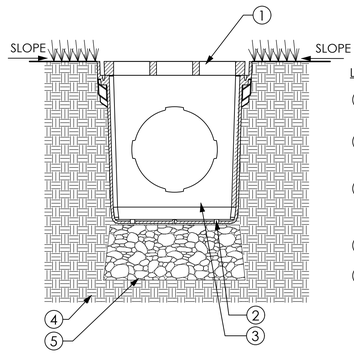
DS-200H FRAME ADDS 1" OF DEPTH TO CHANNEL



NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. EXPANSION AND CONTRACTION CONTROL JOINTS ARE RECOMMENDED TO PROTECT THE CHANNEL AND SURROUNDING CONCRETE. CONSULT WITH AN ENGINEER NECESSARY.
3. MINIMUM CONCRETE COMPRESSIVE STRENGTH OF 4000 PSI AND VIBRATION TO ELIMINATE AIR POCKETS IS RECOMMENDED.
4. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS AND CONTRACTORS FOR PLANNING PURPOSES.
5. RECESS CHANNEL AND GRATE 1/8" FOR PEDESTRIAN TRAFFIC,1/4" FOR VEHICULAR TRAFFIC.
6. DRAWING IS NOT TO SCALE.

H SLOPED TRENCH GRATE- MFR. DETAIL

SCALE: NTS

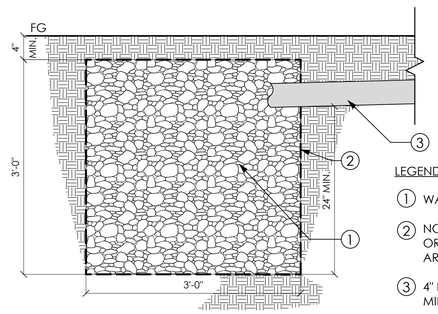


LEGEND:
1. NDS 12" SQUARE POLYOLEFIN GRATE W/ U.V. INHIBITORS
2. DRILL 1/8" WEEP HOLE TYPICAL IN 4 PLACES AT BOTTOM CORNERS
3. NDS 12" SQUARE TAPERED POLYPROPYLENE CATCH BASIN W/ U.V. INHIBITORS OR APPROVED EQUAL
4. COMPACTED SOIL
5. 3/4" GRAVEL BASE 4" DEEP BELOW BASIN. TO PREVENT STANDING WATER

NOTES:
1. GRATE TO BE ATTACHED TO CATCH BASIN WITH SCREW PROVIDED AT TIME OF INSTALLATION.
2. RISER CAN BE CUT TO ACHIEVE EXACT ELEVATION.
3. DO NOT USE OVER 5 RISERS WITH CATCH BASIN.
4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

E SQUARE CATCH BASIN

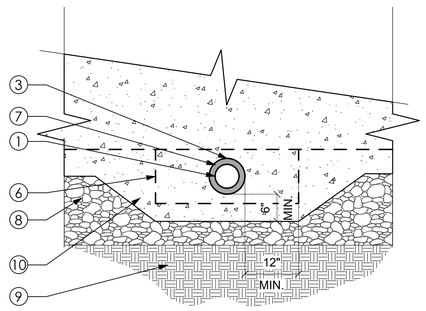
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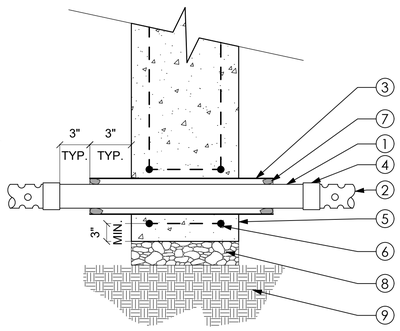
LEGEND:
1. WASHED NO. 57 DRAINAGE STONE
2. NON-WOVEN 180N GEOTEXTILE (MIRAFI OR APPROVED EQUAL) WRAPPED AROUND STONE RESERVOIR
3. 4" PERFORATED PVC UNDERDRAIN 1% MIN SLOPE PER PLAN

F GRAVEL SUMP

SCALE: 1" = 1'-0"



SECTION/ELEVATION



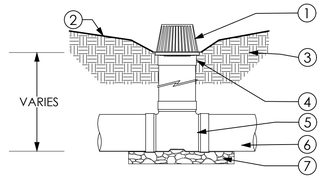
SIDE VIEW- SECTION

LEGEND:
1. 4"Ø SOLID WALL DRAINAGE PIPE
2. 4"Ø PERFORATED DRAINAGE PIPE
3. 6"Ø PVC SLEEVE
4. PVC COUPLING
5. CONCRETE FOOTING
6. REBAR, PER WALL DETAIL
7. SPRAY FOAM OR SEALANT
8. BASE, PER WALL DETAIL
9. COMPACTED SUBGRADE
10. DEEPEND FOOTING, MIN. 12" ON EITHER SIDE OF SLEEVE

NOTES:
1. CONNECT DRAINAGE PIPE TO DRY WELL, SEE CIVIL PLANS.
2. PIPE SLEEVE SHALL BE TWO PIPE SIZES LARGER IN DIAMETER THAN PENETRATING PIPE.

G PIPE SLEEVE THROUGH FOOTING

SCALE: 1" = 1'-0"

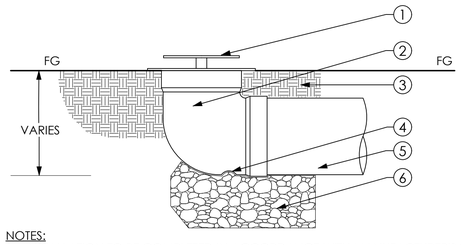


LEGEND:
1. ATRIUM DRAIN PER CONSTRUCTION SCHEDULE
2. SLOPE TO DRAIN
3. COMPACTED SOIL
4. NDS UNIVERSAL OUTLET OR APPROVED EQUAL
5. SEWER AND DRAIN TEE
6. SEWER AND DRAIN PIPE
7. CLASS 2 AGGREGATE BASE

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS

A ATRIUM DRAIN

SCALE: 1" = 1'-0"

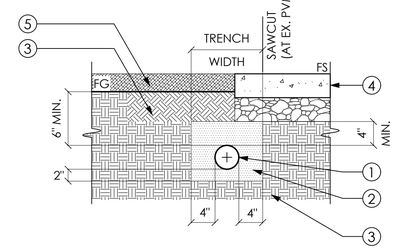


LEGEND:
1. NDS POP-UP DRAINAGE EMITTER WITH U.V. INHIBITOR.
2. NDS 1/4 BEND SEWER DRAIN ELBOW.OR APPROVED EQUAL
3. COMPACTED SOIL
4. 1/4" LEACH HOLE
5. SEWER & DRAIN PIPE
6. CLASS 2 AGGREGATE BASE

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

B POP-UP EMITTER

SCALE: 1" = 1'-0"

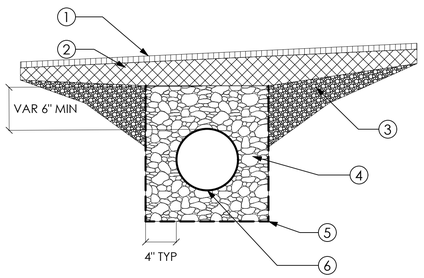


LEGEND
1. PIPE SIZE PER PLAN
2. FILL MATERIAL FOR PVC: FILL SAND (S.E.=30 MIN). 95% COMPACTION
3. COMPACTED SUBGRADE TO MINIMUM 90% RELATIVE DRY DENSITY
4. PAVEMENT SECTION
5. NON-PAVED AREAS

NOTES:
1. CONTRACTOR SHALL VERIFY EXISTING UTILITIES BY POTHOLING PRIOR TO CONSTRUCTION AND NOTIFY THE LANDSCAPE ARCHTIECT OF ANY CONFLICTS OR DISCREPANCIES.

C GRAVITY PIPE TRENCH

SCALE: 1" = 1'-0"



LEGEND:
1. PLAY SURFACING PER HARDSCAPE PLANS
2. PLAY SURFACING BASEMAT WEARCOURSE, ASSUMES MINIMUM RUBBER THICKNESS OF 4"
3. CLASS 2 AGGREGATE BASE, SLOPE TO SUBDRAIN (1% MIN)
4. WASHED NO. 57 DRAINAGE STONE
5. NON-WOVEN 180N GEOTEXTILE (MIRAFI OR APPROVED EQUAL) WRAPPED AROUND STONE RESERVOIR
6. 4" PERFORATED PVC UNDERDRAIN 1% MIN SLOPE PER PLAN

NOTES:
1. REFER TO RUBBERIZED PLAY SURFACE DETAIL FOR CONSTRUCTION OF PLAY SURFACING AND BASE.

D PERFORATED UNDERDRAIN

SCALE: 1" = 1'-0"

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Signature
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Date
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VENTURA UNIFIED SCHOOL DISTRICT

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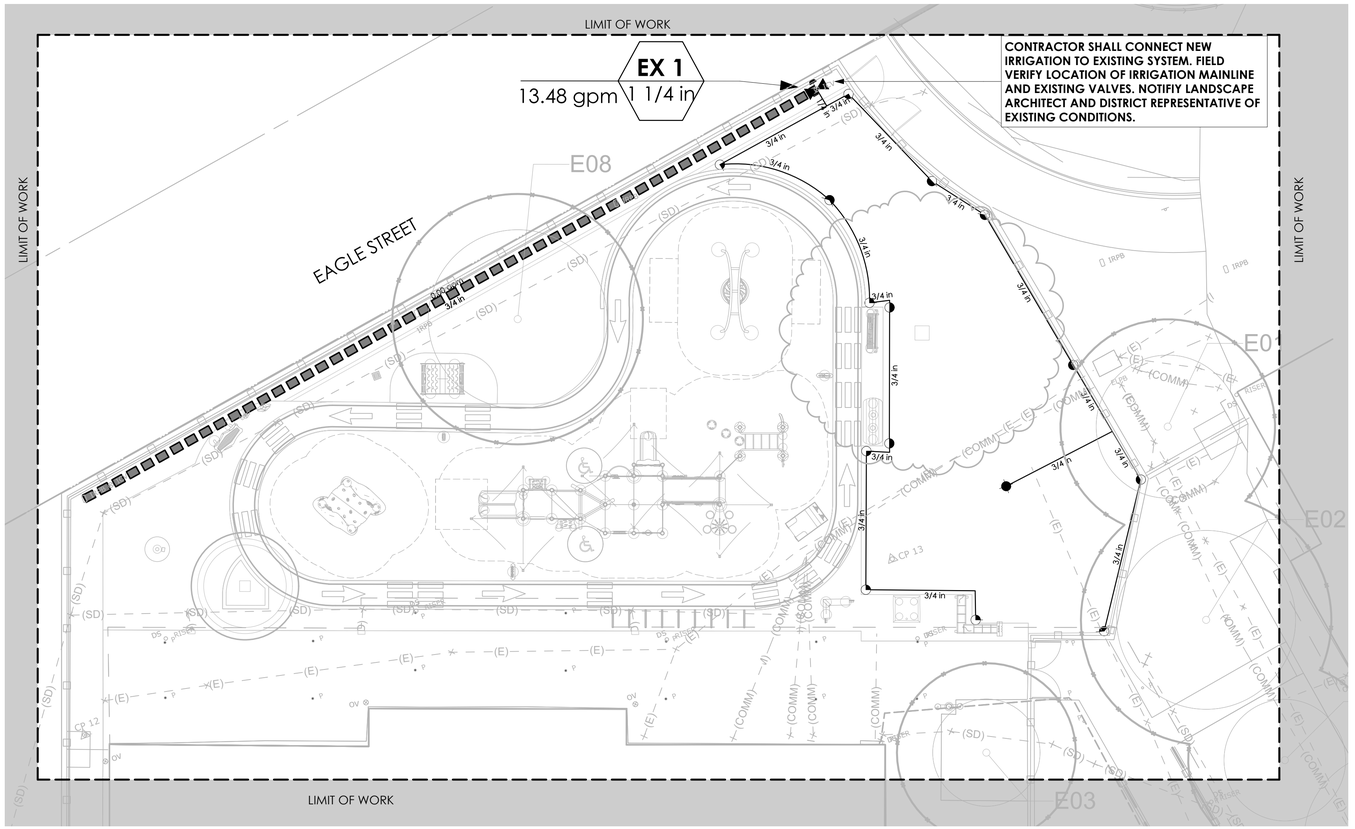
Sheet Name

CONSTRUCTION DETAILS

Date 10/20/2025
Drawn by EM
Checked by BM, MZ
Sheet Number

LC-3.03

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TK + KINDERGARDEN IRRIGATION PLAN

SCALE: 1" = 10'-0"

0 10 20 30 ft

N

IRRIGATION SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL			ARC	GPM	PSI	DETAIL / SHEET
ROTORS			*SERIES*	*MODEL*					
	POP-UP ROTOR - 20' RADIUS	Hunter Industries(R)	PGJ 06in Pop-Up	PGJ-06-0.50-V		90	0.54	20 - 100	D/LP-2.01
	POP-UP ROTOR - 20' RADIUS	Hunter Industries(R)	PGJ 06in Pop-Up	PGJ-06-0.75-V		125	0.85	20 - 100	D/LP-2.01
	POP-UP ROTOR - 20' RADIUS	Hunter Industries(R)	PGJ 06in Pop-Up	PGJ-06-1.0-V		180	1.00	20 - 100	D/LP-2.01
	POP-UP ROTOR - 20' RADIUS	Hunter Industries(R)	PGJ 06in Pop-Up	PGJ-06-1.5-V		225	1.39	20 - 100	D/LP-2.01
	POP-UP ROTOR - 20' RADIUS	Hunter Industries(R)	PGJ 06in Pop-Up	PGJ-06-2.0-V		360	2.30	20 - 100	D/LP-2.01
VALVES			*SERIES*	*MODEL*	*NOTES*				
	EXISTING VALVE				FIELD VERIFY SIZE		0.25 - 30	10 - 150	N/A
PIPE			*TYPE*	*NOTES*					
	MAINLINE - EXISTING			Protect in Place, unless otherwise noted					N/A
	LATERAL - POTABLE		PVC Schedule 40						B/LP-2.01
	SLEEVES	WESTERN LASCO	See Sleeve schedule						B/LP-2.01

***CONTRACTOR TO INSTALL MANUFACTURER LISTED EQUIPMENT OR APPROVED EQUAL*

IRRIGATION NOTES

1. IF IT IS FOUND DURING INSTALLATION THAT THE SITE VARIES FROM THE DRAWINGS, NOTIFY THE PROJECT MANAGER BEFORE PROCEEDING WITH THE WORK.
2. COORDINATE THE INSTALLATION OF ALL SLEEVING WITH LANDSCAPE CONSTRUCTION PLANS.
3. PIPE SLEEVE SHALL ALLOW FOR IRRIGATION PIPING AND RELATED COUPLINGS TO EASILY SLIDE THROUGH SLEEVING. EXTEND NEW SLEEVES 12 INCHES BEYOND EDGE OF PAVING. ALL IRRIGATION MAINLINE CROSSINGS SHALL BE INSTALLED IN SCHEDULE 40 SLEEVES THAT ARE A MIN. OF 2X THE DIAMETER OF THE PRESSURE PIPE. PROVIDE LOCATOR WIRE OR TAPE ALONG LENGTH OF SLEEVE. ALSO PROVIDE A SEPARATE IRRIGATION WIRE CONDUIT TAPED TO MAINLINE SLEEVE SIZED TO EASILY PULL WIRES THAT RUNS PARALLEL TO THE SLEEVE. ALL SLEEVES AND CONDUIT MUST BE PERPENDICULAR TO ROAD.

   ALL IRRIGATION MAINLINE CROSSOVERS SHALL BE INSTALLED IN SCHEDULE 40 SLEEVES THAT ARE IN A MIN. OF 2X THE DIAMETER OF THE PRESSURE PIPE. PROVIDE LOCATOR WIRE OR TAPE ALONG LENGTH OF SLEEVE. ALSO PROVIDE A SEPARATE IRRIGATION WIRE CONDUIT TAPED TO MAINLINE SLEEVE SIZED TO EASILY PULL WIRES THAT RUNS PARALLEL TO THE SLEEVE. ALL SLEEVES AND CONDUIT MUST BE PERPENDICULAR TO ROAD.
4. COORDINATE THE INSTALLATION OF ALL IRRIGATION MATERIALS, INCLUDING PIPE, WITH THE PLANTING PLAN TO AVOID INTERFERING WITH THE PLANTING.
5. CONTRACTOR SHALL TEST PRESSURE PRIOR TO CONSTRUCTION. IF PRESSURE IS LESS THAN 80 PSI, NOTIFY THE PROJECT MANAGER PRIOR TO CONSTRUCTION.
6. IRRIGATION DRAWINGS ARE DIAGRAMMATIC. LOCATE MAIN LINE AS DIRECTED PER PLAN. LOCATE NEW PIPELINES, VALVES AND EQUIPMENT IN PLANTING AREAS WHEREVER POSSIBLE.
7. PVC SHALL BE LAID WITH CONNECTIONS HORIZONTAL, NOT VERTICAL.
8. NO CLASS 200 PVC SHALL BE USED, NO EXCEPTIONS.
9. ALL NEW TREES SHALL RECEIVE (1) 20 GALLON TREEGATOR ORIGINAL WATERING BAG
10. CONTRACTOR SHALL ADJUST ALL HEADS TO INSURE FULL COVERAGE WITH MINIMUM OVERSPRAY ONTO PAVED SURFACES AND POURED IN PLACE PLAY SURFACING.
11. PRESSURE TEST ON ALL MAINLINES 4 HOURS AT 150 PSI. CALL INSPECTOR 24 HOURS PRIOR TO TEST.
12. NO IRRIGATION LINES SHALL BE PLACED UNDER ROOTBALLS OF EXISTING OR PROPOSED PLANTS.
13. PRESSURE REGULATING DEVICES ARE REQUIRED IF WATER PRESSURE IS BELOW OR EXCEEDS THE RECOMMENDED PRESSURE OF THE SPECIFIED IRRIGATION DEVICES
14. CHECK VALVES OR ANTI-DRAIN VALVES ARE REQUIRED ON ALL SPRINKLER HEADS WHERE LOW POINT DRAINAGE COULD OCCUR
15. CONTRACTOR SHALL ENSURE EXISTING IRRIGATION REMAINS OPERATIONAL DURING & POST CONSTRUCTION.
16. CONTRACTOR SHALL RELOCATE/ADJUST EXISTING TURF SPRAY HEADS, LATERALS, MAINLINE, VALVES, AND ANY IRRIGATION APPURTENANCES LOCATED WITHIN THE PROJECT LIMITS OF WORK TO ENSURE FULL COVERAGE OF THE EXISTING IRRIGATION SYSTEM.
17. CONTRACTOR SHALL REPAIR/REPLACE ANY IRRIGATION PIPE & ANY IRRIGATION APPURTENANCES DAMAGED DURING CONSTRUCTION.

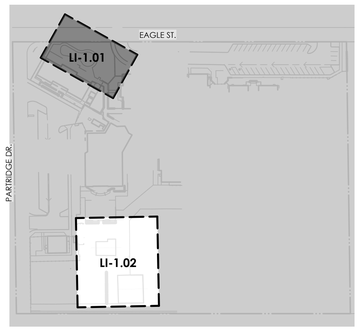
STATION NUMBER → A1
VALVE SIZE → 1 1/2
GPM → 15.00

SLEEVE SIZING LEGEND

PIPE SIZE	SLEEVE SIZE
3/4"	2" SCH. 40 PVC
1"	
1-1/4"	3" SCH. 40 PVC
1-1/2"	
2"	4" CLASS 315
2-1/2"	6" CLASS 315
3"	
4"	
WIRE	2" CLASS 315 4" CLASS 315

LATERAL PIPE SIZING

GPM	SIZE
1-8	3/4"
8-12	1"
12-22	1 1/4"
22-30	1 1/2"
30+	2"



KEY MAP

SCALE: NTS

N

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PORTOLA ELEMENTARY PLAYGROUNDS
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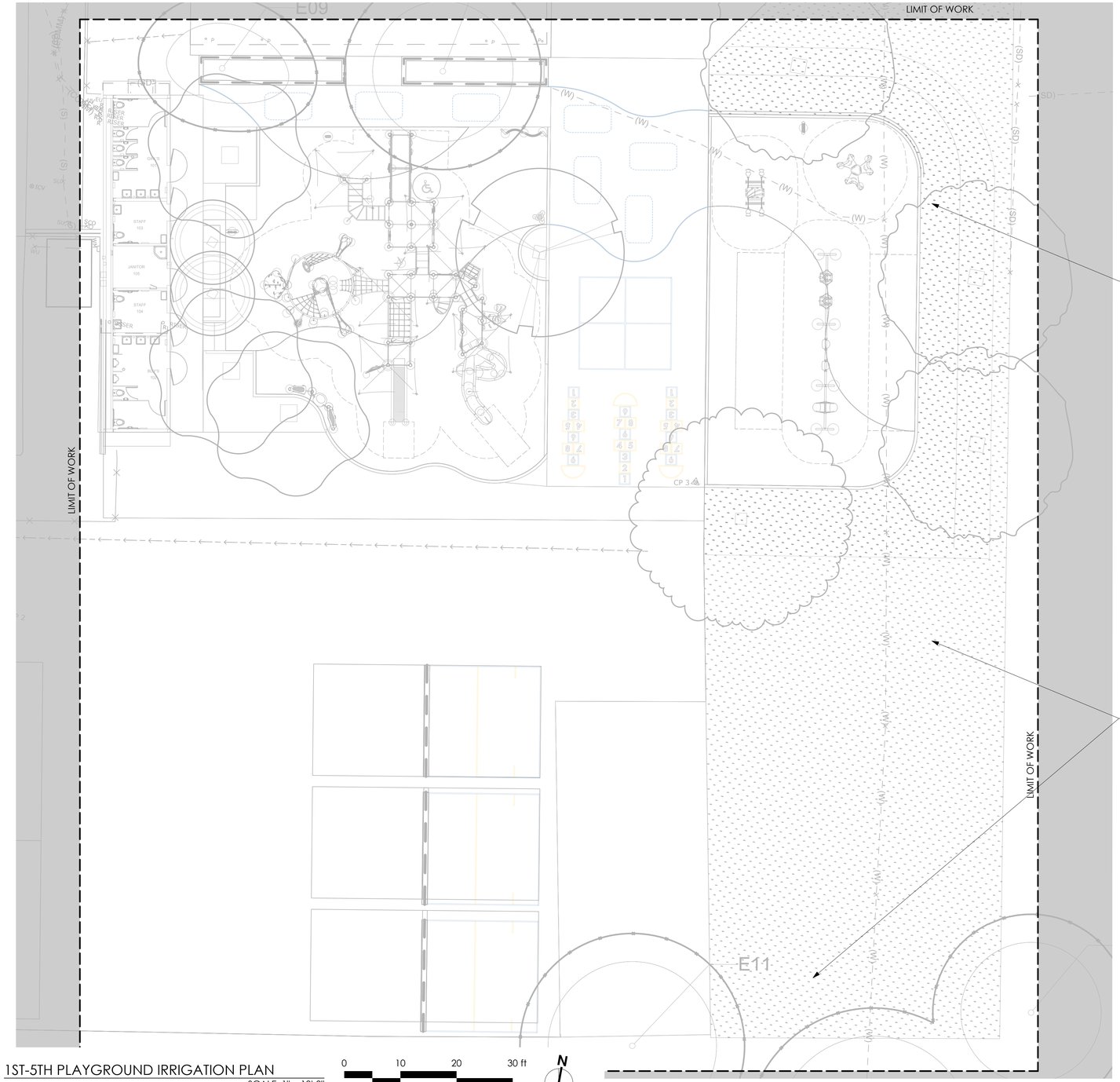
Sheet Name

IRRIGATION PLAN

Date 10/20/2025
Drawn by EM
Checked by BM, MZ
Sheet Number

LI-1.01

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1ST-5TH PLAYGROUND IRRIGATION PLAN

SCALE: 1" = 10'-0"

0 10 20 30 ft

N

IRRIGATION NOTES

1. SEE SHEET LI-1.01 FOR IRRIGATION SCHEDULES AND NOTES.
2. CONNECT NEW TURF ROTORS TO EXISTING SYSTEM, REFER TO NOTES ON SHEET LI-1.01

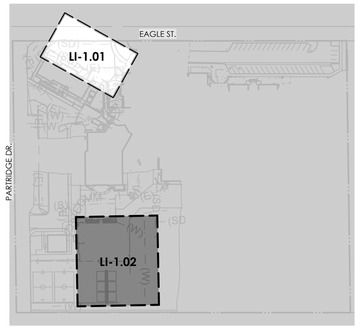
IRRIGATION SCHEDULE (THIS SHEET)

SYMBOL	DESCRIPTION
BUBBLERS / DRIP EMITTERS	
	POP-UP ROTOR - 20' RADIUS
VALVES	
	EXISTING VALVE
PIPE	
	MAINLINE - EXISTING
	LATERAL - POTABLE
	SLEEVES

***SEE SHEET LI-0.01 FOR COMPLETE IRRIGATION SCHEDULE*

IRRIGATION FIELD ADJUSTMENTS

1. RELOCATE EXISTING ROTORS AND LATERALS/DISTRIBUTION LINES WITHIN THE LIMTS OF THE PLAYGROUND/DISTURBANCE.
2. ADJUST RADIUS/RELOCATE ANY ROTORS IN FIELD THAT ARE OVERSPRAYING THE PLAYGROUND.
3. INSTALL NEW ROTORS, AS REQUIRED OF SAME MODEL AS EXISTING, TO ENSURE FULL COVERAGE OF THE IRRIGATION SYSTEM FOR THE FIELD TURF.
4. RELOCATE VALVES, QUICK COUPLERS, AND MAINLINE WITHIN THE LIMITS OF THE PLAYGROUND.
5. CONNECT ANY ADDITIONAL ROTORS TO EXISTING STATIONS.
6. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT AND DISTRICT REPRESENTATIVE OF IRRIGATION COVERAGE TEST FOR OBSERVATION AND SYSTEM ADJUSTMENTS.



KEY MAP

SCALE: NTS

N

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VENTURA UNIFIED SCHOOL DISTRICT

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E1-25

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CONSTRUCTION DOCUMENTS

No.	Description	Date

Sheet Name

IRRIGATION PLAN

Date	10/20/2025
Drawn by	EM
Checked by	BM, MZ

Sheet Number

LI-1.02

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PLANTING NOTES

1. ALL PLANTED AREAS SHALL BE THOROUGHLY RIPPED TO A DEPTH OF 8", USING RIPPER WITH TEETH NO WIDER THAN 12" O.C. WHERE POSSIBLE. THE RIPPING SHOULD BE DONE IN TWO DIRECTIONS TO REDUCE THE COMPACTION WHICH OCCURS AS A RESULT OF CONSTRUCTION.
2. THE CONTRACTOR SHALL COLLECT A MINIMUM OF THREE SOIL SAMPLES FROM NEW PLANTING AREAS FOR AGRONOMIC TESTING & AMENDMENT RECOMMENDATIONS FROM FRUIT GROWERS LAB @ (805) 392-2000. RESULTS SHALL BE TRANSMITTED TO CLIENT AND LANDSCAPE ARCHITECT OF RECORD. SOIL MANAGEMENT REPORT RECOMMENDATIONS SHALL ADDRESS THE FOLLOWING AT A MINIMUM: SOIL TEXTURE, SOIL INFILTRATION RATE, SOIL PH, AND SUGGESTED AMENDMENTS BASED UPON PROPOSED PLANTING PALETTE. SEE SPECIFICATIONS.
3. FOR SOILS LESS THAN 6% ORGANIC MATTER IN THE TOP 6 INCHES OF SOIL, COMPOST AT A RATE OF A MINIMUM OF FOUR CUBIC YARDS PER 1,000 SQUARE FEET OR PERMEABLE AREA SHALL BE INCORPORATED TO A DEPTH OF SIX INCHES INTO THE SOIL
4. ALL AMENDMENTS TO BE APPLIED PER SOIL MANAGEMENT REPORT, OR IF NO TECHNIQUE IS SPECIFIED, THEN MIXED TOGETHER AND ROTOTILLED INTO PLANTING AREAS TO A DEPTH OF 6". (UNTIL RESULTS OF SOIL MANAGEMENT REPORT ARE OBTAINED, THE FOLLOWING AMENDMENTS MAY BE USED FOR BID PURPOSES ONLY. RESULTS OF SOILS ANALYSIS SUPERSEDE THESE QUANTITIES):

   5 LBS/1000 SF POTASSIUM SULFATE
   5 LBS/1000 SF AMMONIUM SULFATE
   5 LBS/1000 SF SINGLE SUPERPHOSPHATE OR EQ.
   80 LBS/1000 SF AGRICULTURAL GYPSUM
   6 CY GENERAL PURPOSE SOIL AMENDMENT
5. GRO-POWER PLANTING TABLETS PLACED 2 INCHES DEEP AND 2" OUTSIDE ROOT BALL: (3) PER 1 GAL; (9) PER 5 GAL; (15) PER 15 GAL, (16) PER 24" BOX AND (20) PER 36" BOX
6. PLANT MATERIAL QUANTITIES LISTED FOR CONVENIENCE OF CONTRACTOR. ACTUAL NUMBER OF SYMBOLS SHALL HAVE PRIORITY OVER QUANTITY DESIGNATED.
7. A MINIMUM 3-INCH LAYER OF MULCH SHALL BE APPLIED ON ALL EXPOSED SOIL SURFACES OF PLANTING AREAS EXCEPT TURF AREAS AND DIRECT SEEDING APPLICATIONS WHERE MULCH IS CONTRADICTORY.
8. MULCH SHALL BE ES-2 MULCH FROM AGROMIN PREMIUM SOIL PRODUCTS (805) 482.8749. PROVIDE SAMPLE TO LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.
9. SEE SHEET, LP-2.01 FOR ALL PLANTING DETAILS
10. ALL NEW TURF TO BE SOD.
11. CONTRACTOR TO PROVIDE TEMPORARY IRRIGATION/WATERING TO TREES AND RESEEDED/SODDED TURF DURING CONTRACTOR PLANT ESTABLISHMENT PERIOD.
12. ALL TREES WITHIN 5 FT. OF PAVEMENT TO HAVE CENTURY PRODUCTS LINEAR CP36-2 'POLYETHYLENE' ROOT BARRIERS INSTALLED PER MANUFACTURER'S RECOMMENDATIONS 1 1/2" OFF BACK OF CURB OR EDGE OF PAVEMENT. ROOT BARRIER TO BE INSTALLED AT BACK OF HARDSCAPE, IN 10 FOOT PANELS CENTERED ON THE TREE TRUNK, (NOT IN CIRCLE AROUND ROOT BALL.
13. LIMITS OF TURF REPLACEMENT ARE APPROXIMATE AND ACCOUNT FOR 36" BEYOND GRADING LIMITS. CONTRACTOR SHALL PATCH AND REPAIR ALL TURF DAMAGED DURING CONSTRUCTION OPERATIONS.
14. CONTRACTOR TO PROVIDE ALL PROTECTION OF NEWLY INSTALLED SOD DURING MAINTENANCE AND ESTABLISHMENT PERIOD. INCLUDE 5' STAKES WITH 1' EMBEDMENT AND SNOW FENCING FOR PROTECTION.
15. CONTRACTOR TO PROVIDE ALL PROTECTION OF NEWLY INSTALLED SOD DURING MAINTENANCE AND ESTABLISHMENT PERIOD. INCLUDE 5' STAKES WITH 1' EMBEDMENT AND SNOW FENCING FOR PROTECTION.

MASTER TREE SCHEDULE

SYMBOL	QTY	*LATIN NAME*	COMMON NAME	WUCOLS	SIZE	HABIT
TREES						
	3	*Lagerstroemia indica 'Natchez'*	Natchez Crapemyrtle	M	24" Box	Standard
	1	*Pistacia x 'Red Push'*	Red Push Pistache	M	24" Box	Standard
	3	*Searsia lancea*	African sumac	L	24" Box	Standard
	3	*Tipuana tipu*	Tipu Tree	M	24" Box	Standard
	2	*Ulmus parvifolia 'Drake'*	Drake's Chinese Elm	M	24" Box	Standard

MASTER PLANT SCHEDULE

SYMBOL	QTY	*LATIN NAME*	COMMON NAME	WUCOLS	SIZE
GROUND COVER					
	12,157 SF	*Marathon II- Fescue*	Marathon II Sod from Southland Sod or approved equal.	H	SOD
	1,526 SF	Mulch	Install per notes #7-8, this sheet	N/A	N/A

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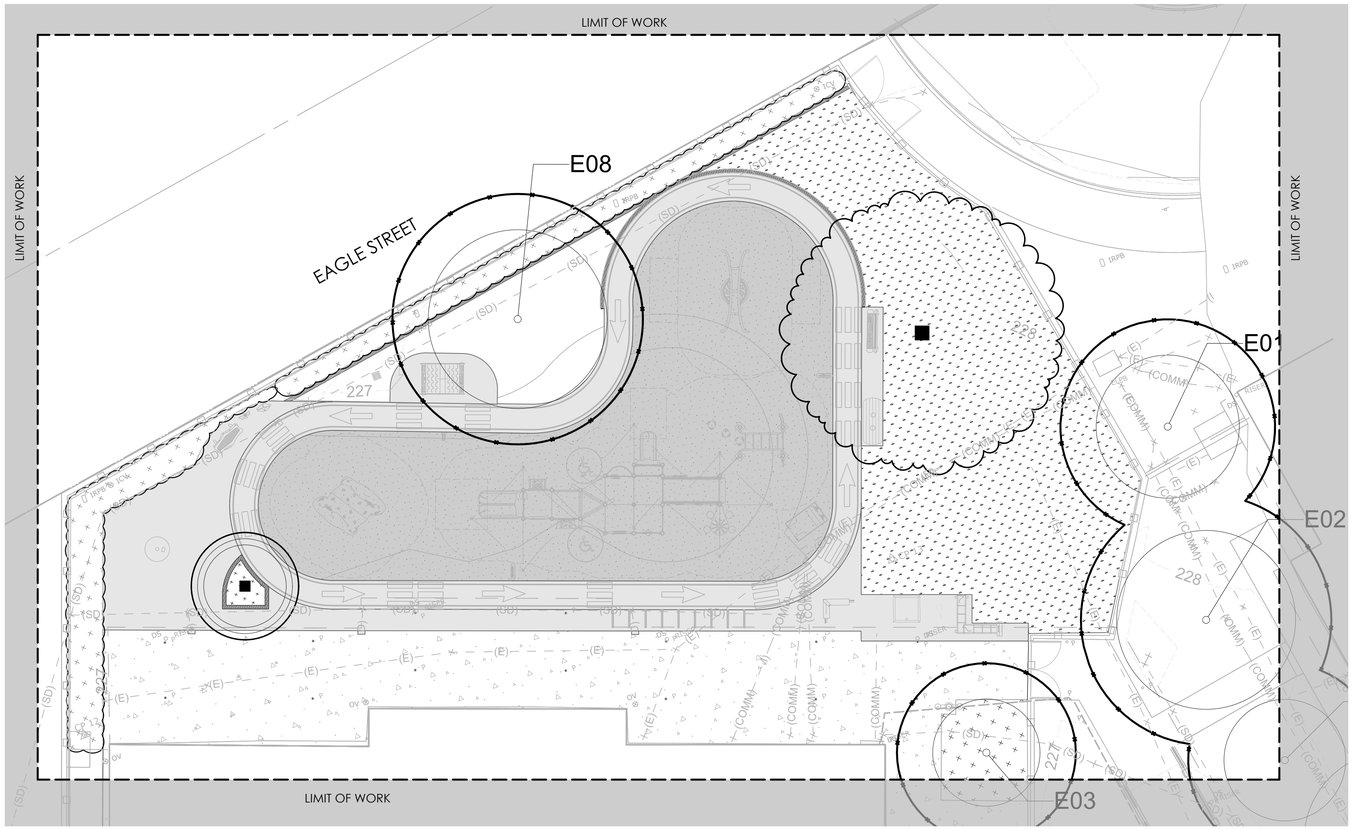
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LANDSCAPE NOTES & SCHEDULES

Date 10/20/2025
Drawn by EM
Checked by BM, MZ
Sheet Number

LP-0.01

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TK + KINDERGARDEN PLANTING PLAN

SCALE: 1" = 10'-0"

0 10 20 30 ft

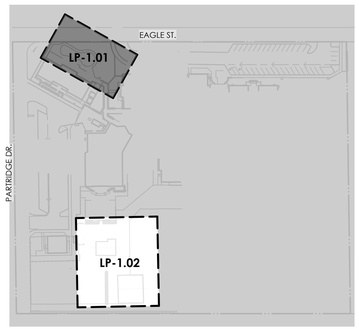
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PLANTING NOTES

1. SEE SHEET LP-0.01 FOR DETAILED PLANTING SCHEDULES AND NOTES.

PLANT SCHEDULE (THIS SHEET)

SYMBOL	LATIN NAME	SIZE
TREES		
	Ulmus parvifolia 'Drake'	24" Box
	Lagerstroemia indica 'Natchez'	24" Box
GROUNDCOVERS AND TURF		
	Marathon II	SOD
	Mulch	N/A



KEY MAP

SCALE: NTS

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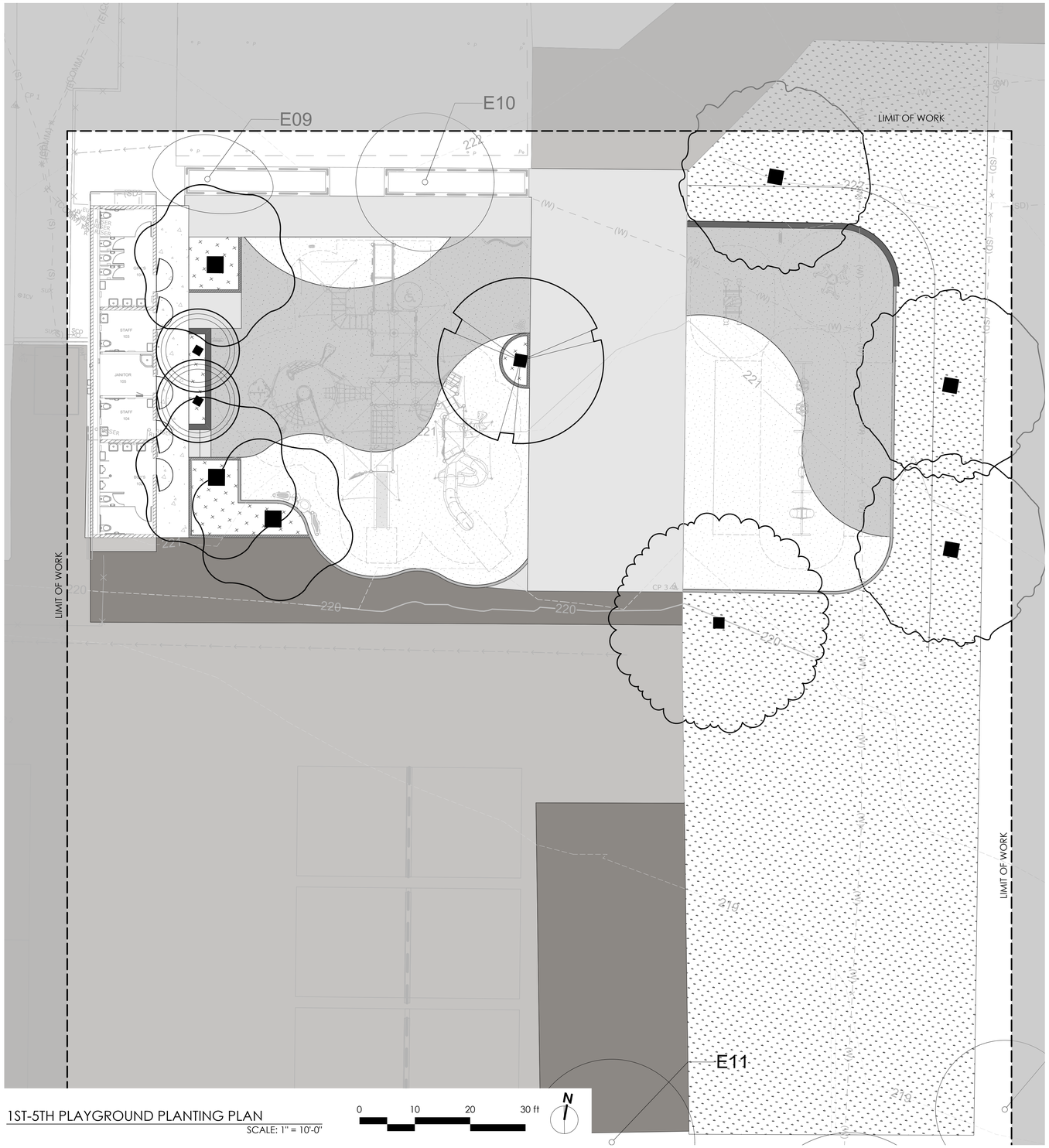
PLANTING PLANS

Date	10/20/2025
Drawn by	EM
Checked by	BM, MZ

Sheet Number

LP-1.01

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1ST-5TH PLAYGROUND PLANTING PLAN
SCALE: 1" = 10'-0"

0 10 20 30 ft

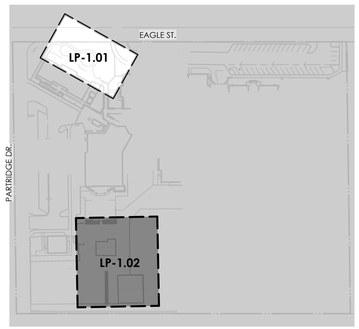
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PLANT SCHEDULE (THIS SHEET)

SYMBOL	LATIN NAME	SIZE
TREES		
	Ulmus parvifolia 'Drake'	24" Box
	Searsia lancea	24" Box
	Pistacia x 'Red Push'	24" Box
	Tipuana tipu	24" Box
	Lagerstroemia indica 'Natchez'	24" Box
GROUNDCOVERS AND TURF		
	Marathon II	SOD
	Mulch	N/A

PLANTING NOTES

1. SEE SHEET LP-0.01 FOR DETAILED PLANTING SCHEDULES AND NOTES.



KEY MAP
SCALE: NTS

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STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY PLAYGROUNDS E1-25

6700 EAGLE ST,
VENTURA, CA 93003

CONSTRUCTION DOCUMENTS

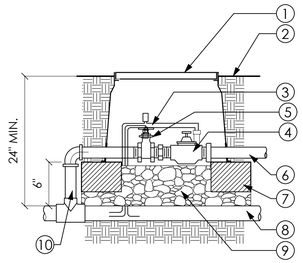
No.	Description	Date

Sheet Name

PLANTING PLANS

Date	10/20/2025
Drawn by	EM
Checked by	BM, MZ
Sheet Number	LP-1.02

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LEGEND:

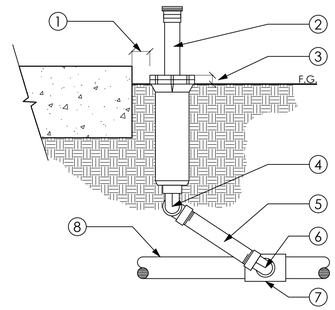
1. VALVE BOX
2. FINISH GRADE
3. COMMON & CONTROL WIRES TO HAVE 24" LENGTH COIL AND WATERPROOF WIRE CONNECTORS
4. REMOTE CONTROL VALVE PER LEGEND
5. LINE SIZE GATE VALVE PER LEGEND
6. PVC LATERAL LINE
7. PROVIDE BRICK FOR BASE SUPPORT
8. PVC MAINLINE
9. 6" MIN. PEA GRAVEL
10. SCH 80 NIPPLE

NOTES:

1. INSTALL VALVE BOX 1" ABOVE FINSH GRADE OR FLUSH IN PAVED AREAS
2. WRAP ALL THREADED FITTINGS W/ TEFLON TAPE

C REMOTE CONTROL VALVE

SCALE: 1" = 1'-0"

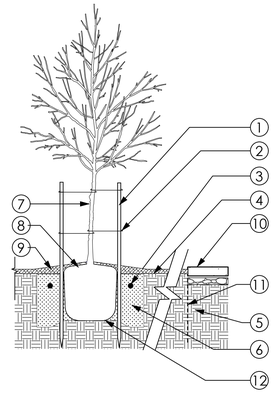


LEGEND:

1. 2" TO CURBS
   4" TO WALKWAYS
   1'-0" TO LOOP TRAIL
2. POP-UP SPRINKLER HEAD OR ROTOR PER LEGEND
3. 1" IN TURF AREAS
   1-1/2" IN MULCH AREAS
4. 2 MARLEX TxT STREET ELLS
5. 12" PVC SCH 80 NIPPLE
6. MARLEX TxT STREET ELL
7. SCH 80 PVC TEE
8. PVC LATERAL LINE

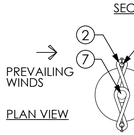
D POP-UP SPRINKLER

SCALE: 1 1/2" = 1'-0"



LEGEND:

1. 2" DIA. LODGE POLE STAKES (2) EACH FOR 24" BOX TREES AND SMALLER
2. RUBBER CINCH TIES-MIN. (4) PER TREE
3. PLANT TABLETS PER SPECIFICATIONS
4. FINISH GRADE
5. NATIVE SUBGRADE
6. BACKFILL PLANTING PIT WITH NATIVE SOIL
7. TREE TRUNK WITH CENTRAL LEADER
8. SET ROOTBALL 2" ABOVE ADJACENT FINISH GRADE TO ALLOW FOR SETTLING
9. KEEP MULCH 3" FROM CROWN OF PLANT
10. ADJACENT SIDEWALK OR CURB
11. ROOT BARRIER,PER PLANTING NOTES
12. BOTTOM OF ROOTBALL RESTS ON EXISITING SOIL

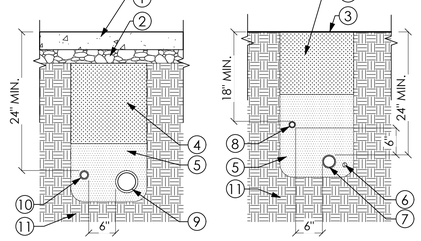


NOTES:

1. NO WATERING BASIN
2. AFTER SETTING TREE IN PLANTING PIT, REMOVE 1/2" TO 1" FROM OUTER SURFACE OF ROOTBALL BY ROOT SHAVING
3. PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND THE ROOTBALL IN 6" LIFTS TO BRACE TREE. DO NOT OVER COMPACT. WHEN THE PLANTING HOLE HAS BEEN BACKFILLED, POUR WATER AROUND THE ROOTBALL TO SETTLE THE SOIL.
4. IRRIGATE ROOTBALL THOROUGHLY AFTER SETTLING THE SOIL AND PRIOR TO MULCHING
5. SEE TREE GUYING DETAIL FOR TREES LARGER THAN 24" BOX
6. USE GALVANIZED NAILS TO SECURE CINCH TIES TO STAKES
7. ROOT BARRIER SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. BARRIERS SHALL BE INSTALLED 1" ABOVE F.G.

A TREE PLANTING AND ROOT BARRIER

SCALE: 3/8" = 1'-0"



SECTION UNDER PAVING

SECTION IN PLANTER

NOTES:

1. EXTEND ALL SLEEVING UNDERNEATH PAVING 12" MINIMUM INTO PLANTERS
2. MAINLINE TRENCHING UNDERNEATH TREE DRIP LINES SHALL INCLUDE ROOT PRUNING. NO ROOT OVER 2" DIAMETER SHALL BE CUT WITHOUT APPROVAL BY A CERTIFIED ARBORIST.

LEGEND:

1. ADJACENT PAVING
2. BASE MATERIAL
3. FINISH GRADE
4. COMPACTED NATIVE BACKFILL
5. SAND BACKFILL - MINIMUM 2" LAYER SAND BED BENEATH LOWEST PIPE, MINIMUM 6" FILL ABOVE HIGHEST PIPE
6. LOW VOLTAGE WIRING
7. IRRIGATION MAINLINE
8. IRRIGATION LATERAL LINE
9. SCH. 40 PVC SLEEVING FOR IRRIGATION MAINLINE AND LATERAL (ALL PIPES SLIDE EASILY W/ EXTRA SPACE)
10. ELECTRICAL CONDUIT FOR WIRES (ALLOW EXTRA ROOM FOR WIRE MOVEMENT)
11. NATIVE SUBGRADE

B TRENCHING

SCALE: 3/4" = 1'-0"

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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZITELSDORF
#6044
Signature
10/31/27
Renewal Date
10/20/25
Date
STATE OF CALIFORNIA

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PLANTING + IRRIGATION DETAILS

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LP-2.01

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