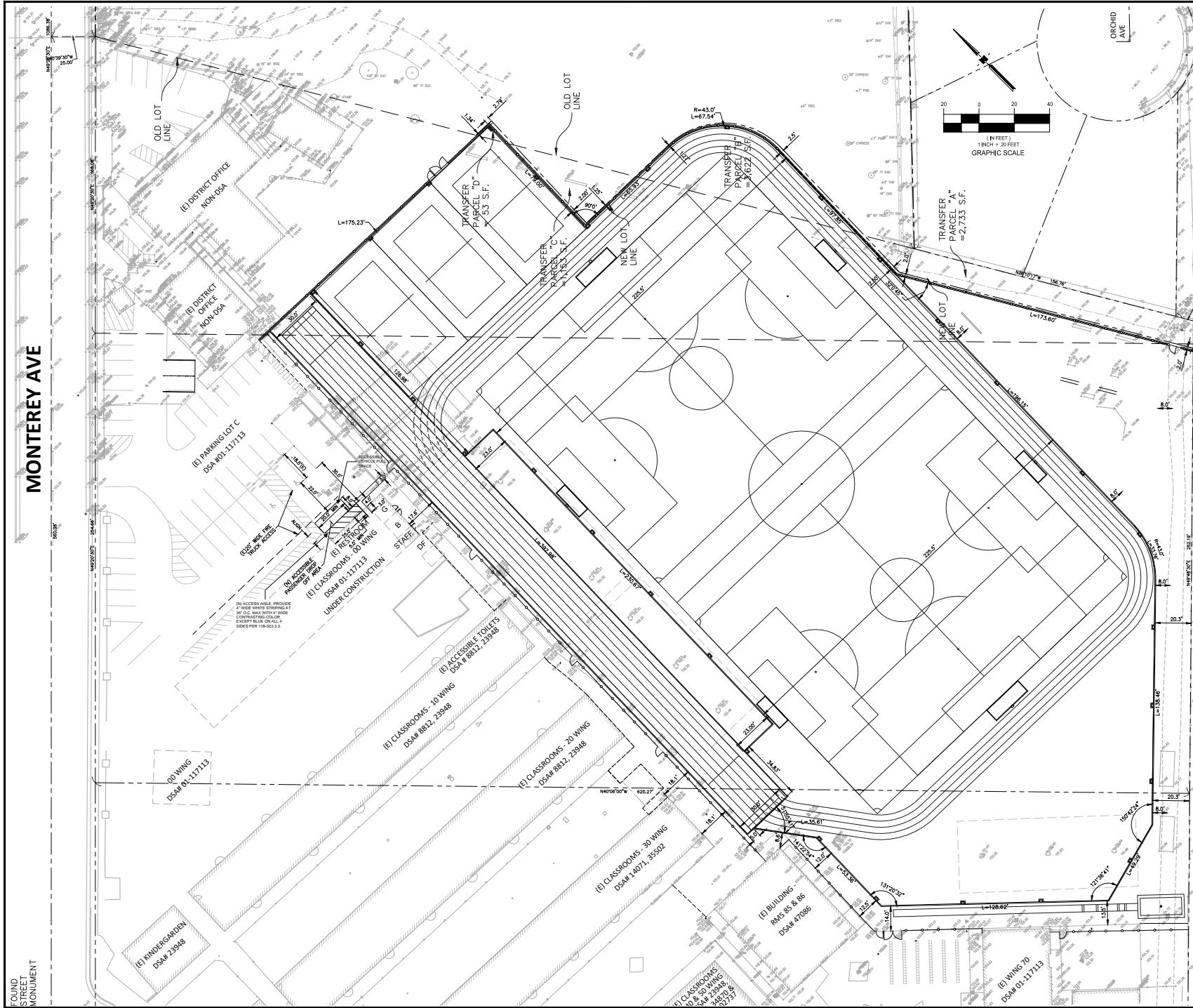


MONTEREY AVE



AGENCY APPROVAL	DSA#	01-121730			
IDENTIFICATION STAMP					
DIV. OF THE STATE ARCHITECT					
APP: 01-121730 INC:					
REVIEWED FOR					
88	<input checked="" type="checkbox"/>	FLS	<input checked="" type="checkbox"/>	ACS	<input checked="" type="checkbox"/>
DATE: 4/11/2025					

196
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1. **What is the primary purpose of the study?** (Please check one box)

ARCHITECT STAMP

The seal is circular with a double border. The outer ring contains the text 'ARCHITECT REGISTRATION BOARD' at the top and 'CALIFORNIA' at the bottom. The inner circle contains the text 'REGISTERED ARCHITECT' at the top, 'No. 60443' in the center, and 'Exp. 6/30/26' at the bottom. Below the seal, the word 'CIVIL' is printed vertically.

THE ARCHITECT DOES NOT REPRESENT THAT
THESE PLANS OR THE SPECIFICATIONS ARE
SUITABLE FOR ANY SITE OTHER THAN THE ONE
FOR WHICH THEY WERE PREPARED.
NOTWITHSTANDING THE CARE WITH WHICH
THESE PLANS AND SPECIFICATIONS WERE
PREPARED, THE ARCHITECT DISCLAIMS
RESPONSIBILITY FOR THESE PLANS AND
SPECIFICATIONS IF THEY ARE USED IN WHOLE
OR IN PART ON ANOTHER SITE.
WHEN THESE DRAWINGS ARE USED,
DIMENSIONS ON THESE DRAWINGS SHALL HAVE
PRECEDENCE OVER SCALED DIMENSIONS.

PROJECT OWNER & TITLE
**Soquel Union Elementary
School District**
620 Monterey Avenue
Capitol, CA 95010

New Brighton Middle School - Natural Field to Artificial Turf

250 Washburn Avenue,
Capitola, CA 95010

HORIZONTAL

CONTROL PLAN

PRINTED BY: STAFF

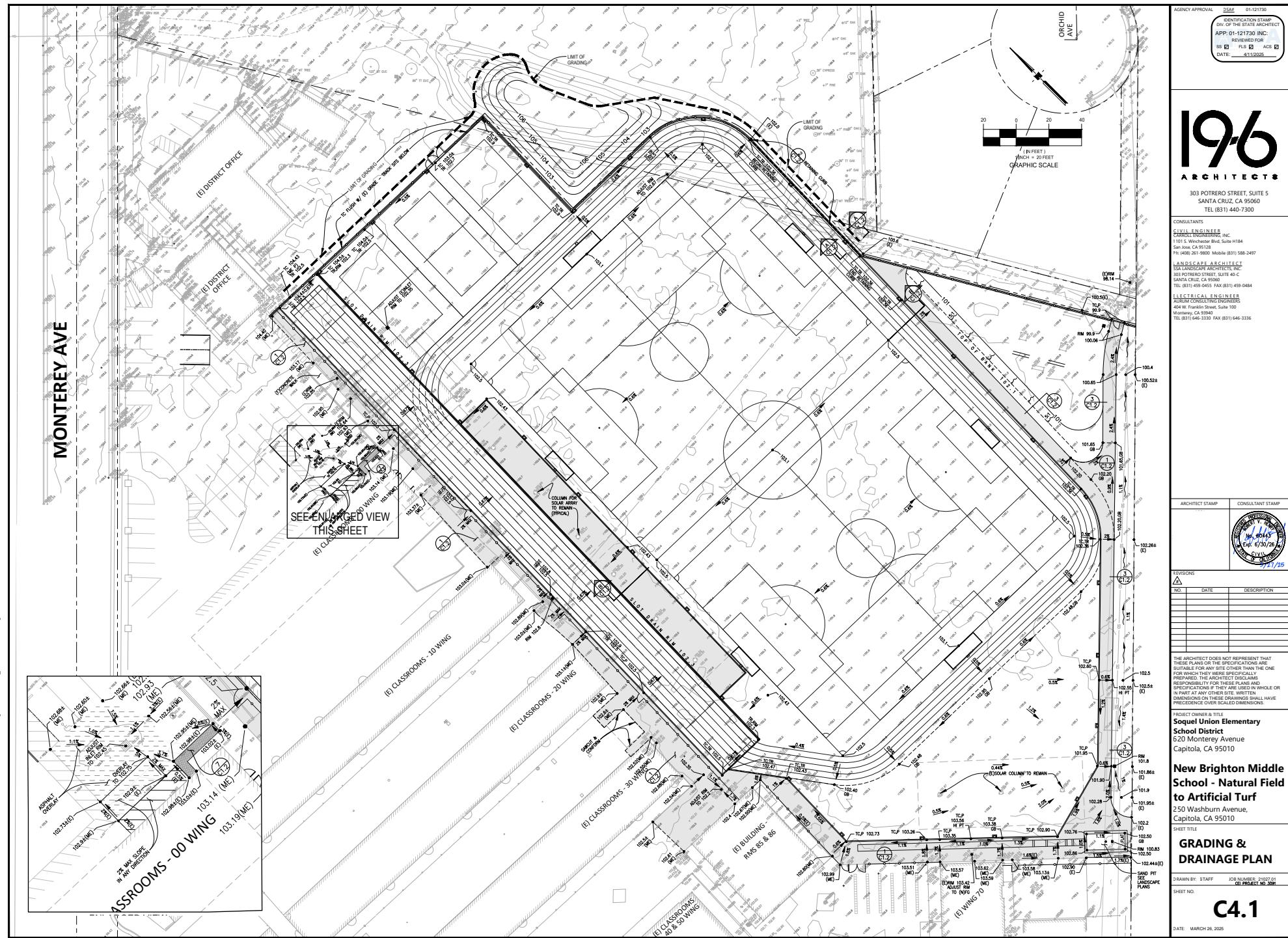
SHEET NO. 1 OF PROJECT NO. 50091

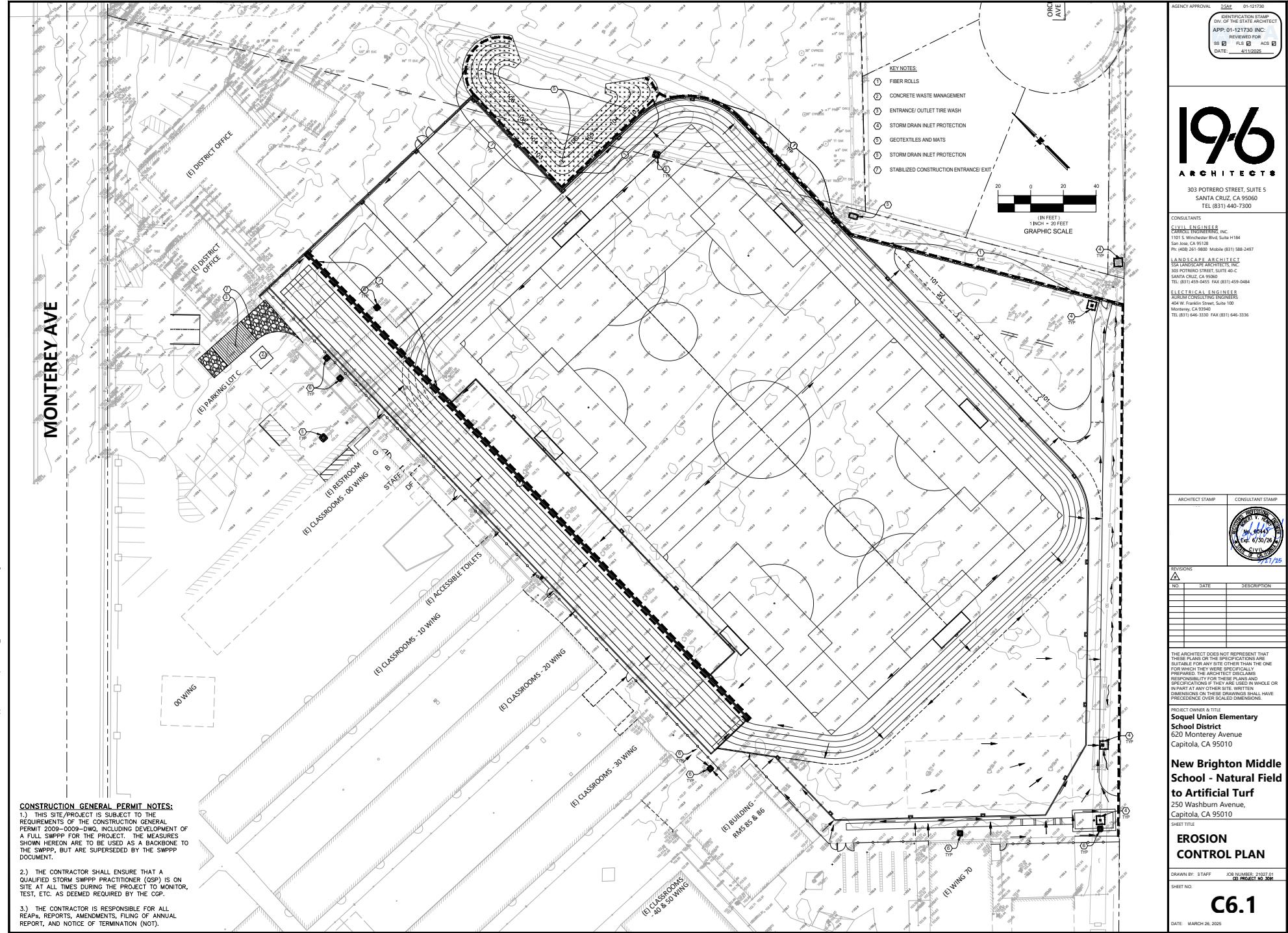
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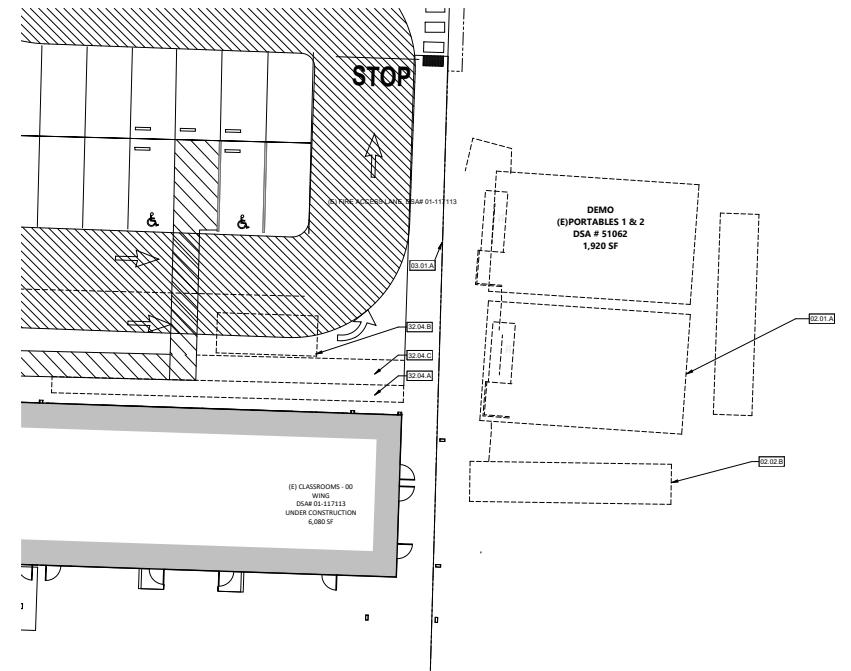
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DATE: MARCH 26, 2025

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ENLARGED SITE PLAN - DEMOLITION

1

KEYNOTES

02.03.B (E) STORAGE CONTAINER TO BE DEMOLISHED
 02.03.A (E) ASPHALT EDGE
 02.04.A DEMO TRUNCATED DOMES AS SHOWN IN PLAN
 02.04.B BLACK-OUT DROP-OFF STRING, REFER SHEET G-101 FOR NEW LOCATION
 02.04.C BLACK-OUT DROP-OFF ACCESSABLE STRING, REFER SHEET G-101 FOR NEW LOCATION

AGENCY APPROVAL DATE: 01-12-1730



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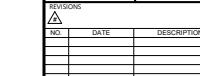
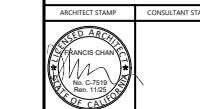
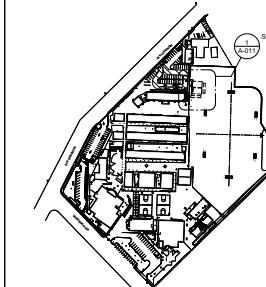
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404 W. Franklin Street, Suite 100
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SITE KEYPLAN



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PROJECT OWNER & TITLE
Soquel Union Elementary
School District
620 Monterey Avenue
Capitola, CA 95010

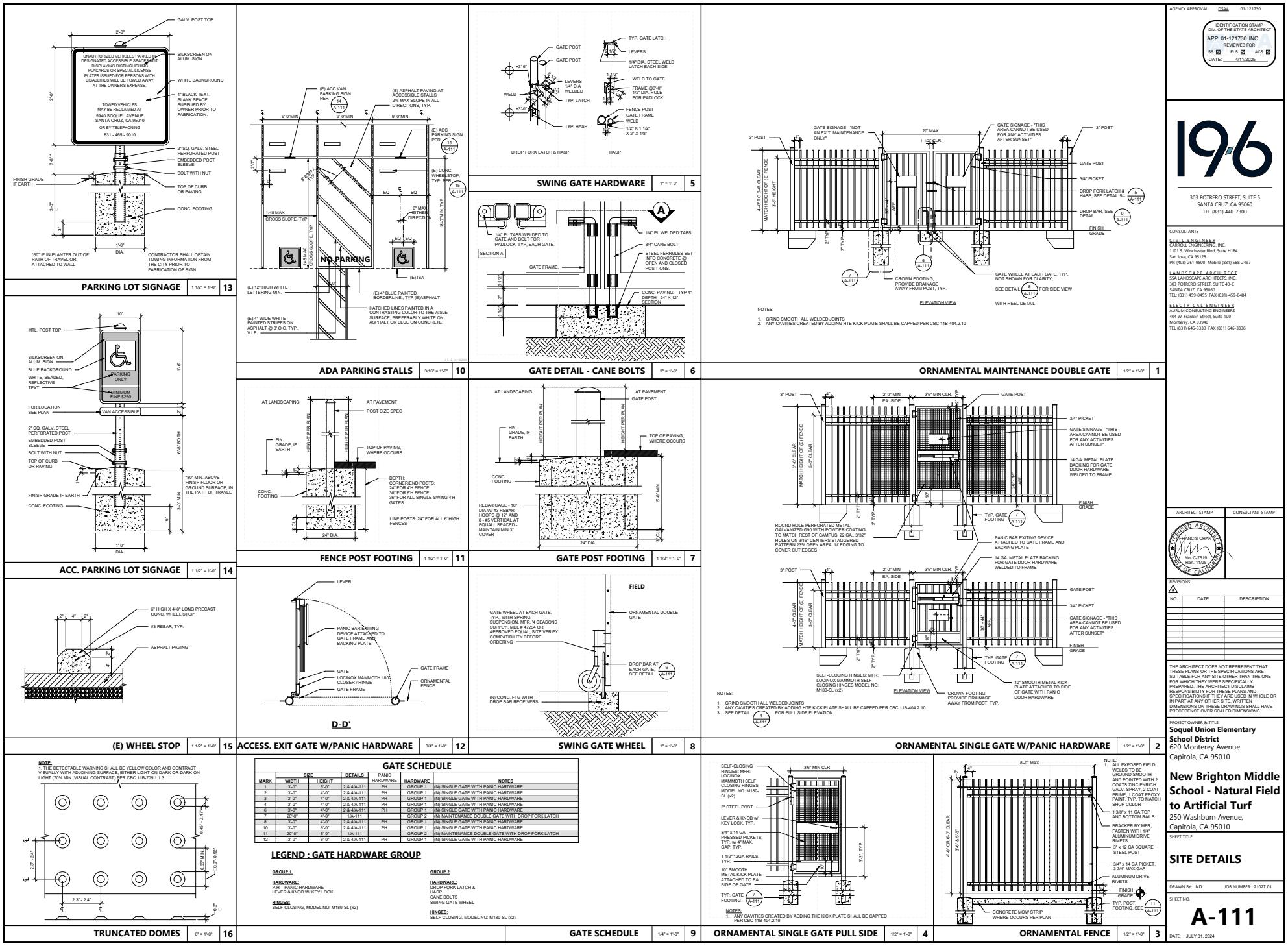
New Brighton Middle
School - Natural Field
to Artificial Turf
250 Washburn Avenue,
Capitola, CA 95010

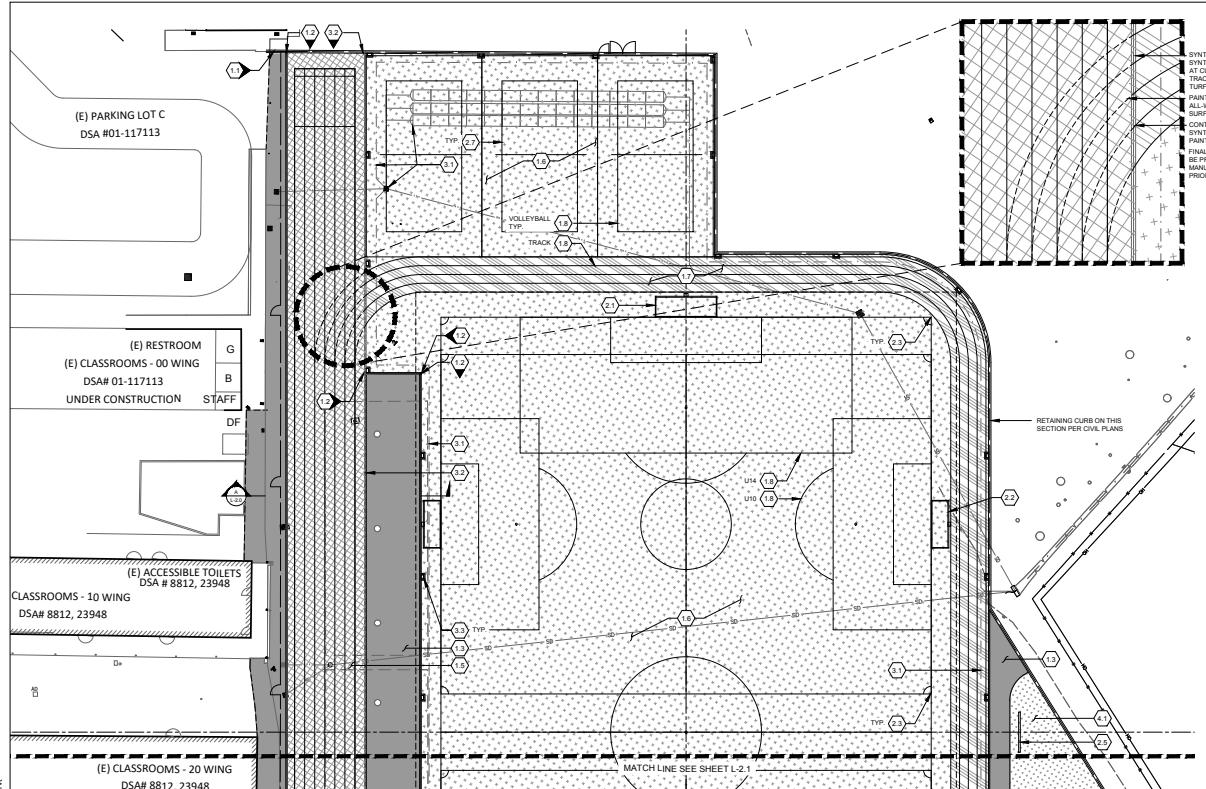
Sheet Title
**DEMOLITION SITE
PLAN**

DRAWN BY: NO. JOB NUMBER: 21027.01

Sheet No. A-011

DATE: JULY 31, 2024





GRAPHIC LEGEND

	DETAIL REFERENCE
	SCHEET REFERENCE
	MATCHLINE
	12' CONCRETE CURB WITH FENCE PER ARCHITECT
	6' CONCRETE CURB PER NOTE
	TRACK TRENCH DRAIN
	CHAIN LINK FENCE PER ARCHITECT
	DOUBLE GATE PER ARCHITECT
	SINGLE GATE PER ARCHITECT
	ASPHALT PAVING
	SYNTHETIC TURF COLOR A
	SYNTHETIC TURF COLOR B
	ALL-WEATHER TRACK SURFACING
	SOD REPAIR

SITE SCHEDULE

DETAIL 1.0 FLATWORK

E4-5.0 (1) 12' CONCRETE CURB TO BE STANDARD PC CONCRETE WITH MEDIUM BROOM FINISH PERPENDICULAR TO BAND LENGTH. COLOR: STANDARD GREEN
E4-5.0 (1) 6' CONCRETE CURB TO BE STANDARD PC CONCRETE WITH MEDIUM BROOM FINISH PERPENDICULAR TO BAND LENGTH. COLOR: STANDARD GREY

(1) ASPHALT PAVING PER CIVIL DRAWINGS
(1) NOT USED

B4-5.0 (1) OTHER THAN THEIR TRACK SURFACING OVER PEDESTRIAN ASPHALT PAVING TO BE SUPPLIED AND INSTALLED WITH TRACK STRIPING PER SPECIFICATIONS. MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER RETAIL COLOR TO BE PURCHASED. COLOR: STANDARD GREEN

C4-5.0 (1) VOLLEYBALL STRIPING PER SPECIFICATIONS. MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER RETAIL COLOR TO BE PURCHASED. COLOR: STANDARD GREEN

C4-5.0 (1) SYNTHETIC TURF - COLOR: GREEN TO BE SUPPLIED AND INSTALLED WITH TRACK LINE STRIPING PER SPECIFICATIONS. MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER RETAIL COLOR TO BE PURCHASED. COLOR: STANDARD GREEN

C4-5.0 (1) SYNTHETIC TURF - INLAID OR TUFTED FIELD STRIPING TO BE SUPPLIED AND INSTALLED PER SPECIFICATIONS. MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER RETAIL COLOR TO BE PURCHASED. COLOR: STANDARD GREEN

(1) VOLLEYBALL POLES AND TRIGON PER RETAIL COLOR TO BE PURCHASED. COLOR: STANDARD GREEN

DETAIL 2.0 SPORTS AND FITNESS

E4-5.1 (1) 1/14 SOCCER GOAL AND MOBILITY KIT TO BE SPORTSFIELD SPECIALTIES REGULATION ROUND FACE SOCCER GOAL #S024R WITH MOBILITY KIT #S0MKR SOMMABLE AND SG25 SOCCER GOAL SAFETY SYSTEM

E4-5.1 (2) 1/14 SOCCER GOAL AND MOBILITY KIT TO BE SPORTSFIELD SPECIALTIES REGULATION ROUND FACE SOCCER GOAL #S024R WITH MOBILITY KIT #S0MKR SOMMABLE AND SG25 SOCCER GOAL SAFETY SYSTEM

F4-5.0 (2) CORNER FLAG AND SLEEVE TO BE SPORTSFIELD SPECIALTIES #S06B11 KYNGCOM INTERNATIONAL CORNER FLAGS WITH GROUND SLEEVE (3 SETS OF 4, 12 TOTAL) LOCATE AT EACH CORNER OF STRIPED FIELD

(2) NOT USED

(1) SCOREBOARD TO BE DARTRONICS 150-200 COLOR AND SCOREBOARD TO INSTALL PER PC DRAWINGS AND DETAILS AND MANUFACTURER'S RECOMMENDATIONS. REFER TO ELECTRICAL PLANS SCOREBOARD DIMENSIONS TO BE 12' HIGH MAX X 16' WIDE MAX. PER PC 04-12216 REFER TO PC DRAWINGS FOR FLOOR REQUIREMENTS

C4-5.1 (2) VOLLEYBALL POLES AND TRIGON PER RETAIL COLOR TO BE SPORTSFIELD SPECIALTIES #SPSCH-1 XAMPFORMS SAND PIT WITH SAND CATCHERS AND WEIGHTED VINYL COVER

F4-5.1 (2) VOLLEYBALL NET POLES AND SAFETY PADS TO BE SPORTS IMPORTS B2 BEACH VOLLEYBALL SYSTEM. SYSTEM INCLUDES (5) B2-BASE UNITS, (6) SV1-B1 BOLTS, (6) B2-SH-HP STATIC HOOK COOLER POLES, (1) SV1-B1 BOLTS, (6) B2-POLE PADS. INSTALL PER DETAILS AND MANUFACTURER'S RECOMMENDATIONS

(2) FITNESS EQUIPMENT TO BE PARALLEL BARS RELOCATED TO NEW LOCATION AS SHOWN ON PLANS

DETAIL 3.0 UTILITIES

(1) DRAINAGE SYSTEM PER CIVIL PLANS
(1) TRACK TRENCH DRAIN AND COLLAR AROUND PER CIVIL PLANS

F4-6.0 (1) UTILITY BOX REFER TO LANDSCAPE PLAN L-4.0 FOR ADDITIONAL INFORMATION

DETAIL 4.0 MISCELLANEOUS

A4-6.0 (4) ALL EXISTING SURFACES TO BE REPAVED PER THE LIMITS SHOWN ON THE PLANS AND GRADED TO CONFORM TO NEW ADJACENT SURFACES. SLOPE TO DRAIN PER GRADING AND DRAINAGE PLANS. INSTALL PER SPECIFICATIONS AND PER DETAIL

SITE PLAN NOTES

1. ACCESS ROUTES AND STAGING AREAS ARE TO BE STRICTLY ADHERED TO.
2. UPON COMPLETION OF ACCESS AND STAGING, THE SITE SHALL BE REPAVED TO "AS IS" OR BETTER THAN EXISTING CONDITIONS.
3. CONSTRUCTION SIGNAGE SHALL BE PROVIDED BY THE CONTRACTOR AND BE POSTED AT EACH JOB SITE IN CLEAR VIEW. POST A "KEEP OUT CONSTRUCTION AREA" SIGN.
4. ALL EXISTING SURFACES TO BE REPAVED PER THE LIMITS SHOWN ON THE PLANS AND GRADED TO CONFORM TO NEW ADJACENT SURFACES. SLOPE TO DRAIN PER GRADING AND DRAINAGE PLANS. INSTALL PER SPECIFICATIONS AND PER DETAIL.
5. ALL DIMENSION LINES ARE EITHER PERPENDICULAR TO OR PARALLEL TO THE ELEMENT FROM WHICH IT IS DIMENSIONED UNLESS OTHERWISE INDICATED ON THE PLANS.
6. THE CONTRACTOR SHALL MAKE ALL REQUIRED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM TO EXISTING CONDITIONS IN A SMOOTH AND UNIFORM MANNER.
7. ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND INSPECTED BY OWNERS REPRESENTATIVE PRIOR TO POURING CONCRETE.
8. THE CONTRACTOR SHALL ENSURE THE SITE IS SECURE AT ALL TIMES AND LOCKED DURING NON-CONSTRUCTION ACTIVITIES.
9. ALL EXISTING GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS. REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATIONS.
10. CONCRETE FINISHES SHALL BE PER SPECIFICATIONS UNLESS OTHERWISE NOTED ON PLANS.

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PROJECT OWNER & TITLE:
Souquel Union Elementary School District
620 Monterey Avenue,
Capitola, CA 95010

New Brighton Middle School - Natural Field to Artificial Turf
250 Washburn Avenue,
Capitola, CA 95010

Sheet Title

SITE PLAN

DRAWN BY: BC JOB NUMBER: 21027-01
SHEET NO. L-2.0
DATE: FEBRUARY 18, 2025



DATE PLOTTED: 7/26/2024 11:13:20 AM FILE LOCATION: C:\Users\ndmangal\Documents\21027-01\Sequoia USD_New Brighton MS Track & Field.dwg

AGENCY APPROVAL DSA# 01-121730 DATE: 01-121730

IDENTIFICATION STAMP
DRAFT FOR APPROVAL
APP-01-121730 INC
REVIEWED FOR:
SS FL ACS
DATE: 4/11/2025

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REVISIONS
NO. DATE DESCRIPTION

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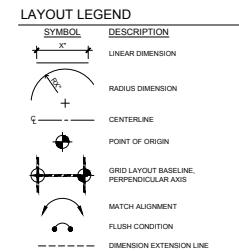
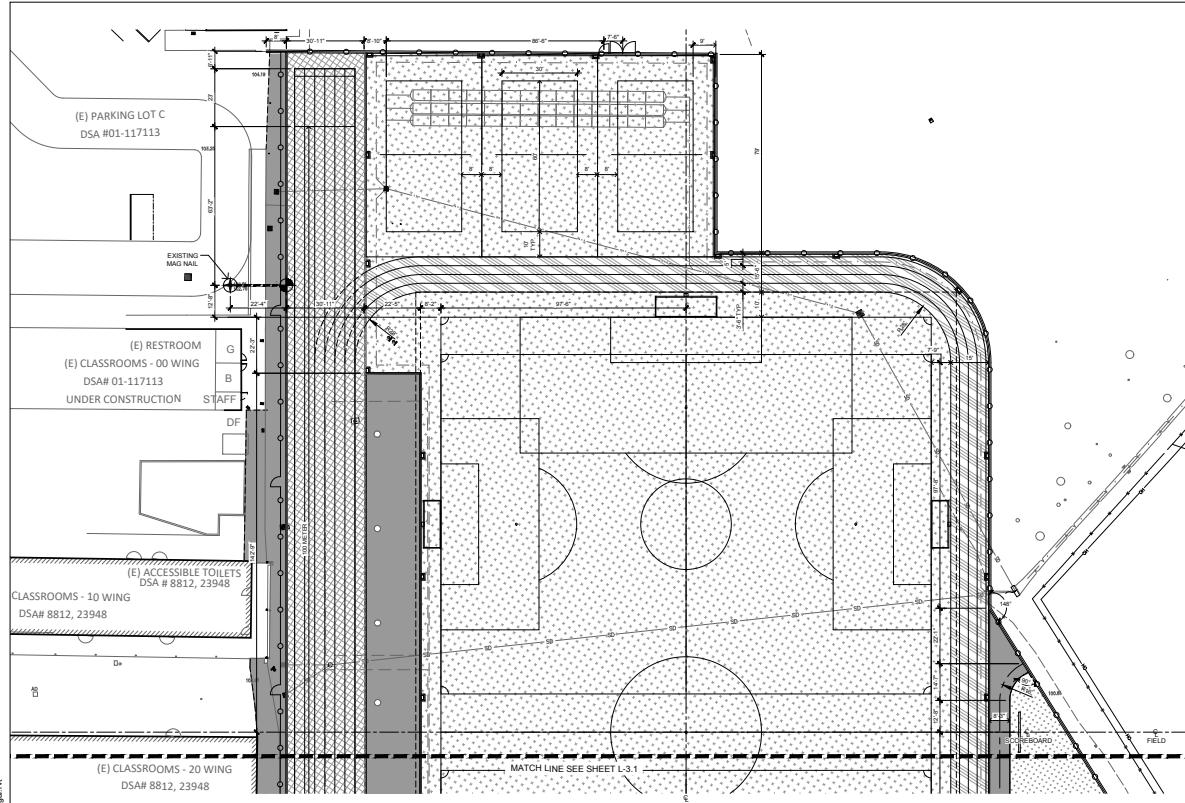
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LAYOUT AND SYNTHETIC TURF NOTES

1. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITY AND ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNERS REPRESENTATIVE OF ALL CONSTRUCTION ACTIVITY AND REQUEST PERMIT WORK TO AVOID DELAY.
2. THE CONTRACTOR SHALL PROPOSE IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM. CONTRACTOR SHALL NOTIFY OWNERS REPRESENTATIVE IMMEDIATELY IF DISCREPANCY IS SUSPECTED AND RE-DIRECT APPLICABLE WORK TO AVOID DELAY.
3. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD. CONTRACTOR SHALL CHALK, STING LINE AND MARK THE FIELD. CONTRACTOR SHALL MAKE ANY GRADE IN THE FIELD TO ACHIEVE THE OVERALL DESIGN SHALL BE APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO CONSTRUCTION.
4. PONTEC MARKING STRIPS SHALL BE TUTTED OR TIED TO THE FIELD.
5. REFER TO DETAILS FOR ADDITIONAL COURT LAYOUTS.
6. ALL MARKINGS SHALL BE INLAID OR TUTTED BY A LICENSED SURVEYOR.
11. IT IS ASSUMED THAT THIS LAYOUT INFORMATION WILL BE USED IN CONJUNCTION WITH THE PROJECT CAD FILES. IF NECESSARY, CONTRACTOR SHALL REQUEST IN WRITING ADDITIONAL INFORMATION.
12. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS, INCLUDING SEAMING PLANS, FOR SYNTHETIC TURF. DRAWINGS SHALL BE IN ACCORDANCE WITH CURRENT STANDARDS SET FORTH BY THE NATIONAL FEDERATION OF STATE HIGH SCHOOLS ASSOCIATION AND THE CALIFORNIA INTERSCHOLASTIC FEDERATION.
14. SYNTHETIC TURF:
 - a. SOCCER U14: MARKINGS SHALL BE INLAID OR TUFTED 4" WIDE, YELLOW.
 - b. TRACK LANES: MARKINGS SHALL BE INLAID OR TUFTED 2" WIDE, WHITE.
 - c. VOLLEYBALL COURT: MARKINGS SHALL BE INLAID OR TUFTED, 4" WIDE, WHITE.
 - d. A FIELD MARKING SHALL BE INLAID OR TUFTED, 4" WIDE, WHITE. TAKE OFF BORDERS TO BE INLAID OR TUFTED, 4" LONG BY 16" WIDE, WHITE.

AGENCY APPROVAL DSA# 01-121730
 IDENTIFICATION STAMP
 DRAFT FOR INFORMATION ONLY
 APP-01-121730 INC
 REVIEWED FOR:
 SS FLS ACS
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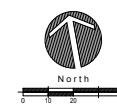
PROJECT OWNER & TITLE
Squel Union Elementary School District
 620 Monterey Avenue, Capitola, CA 95010

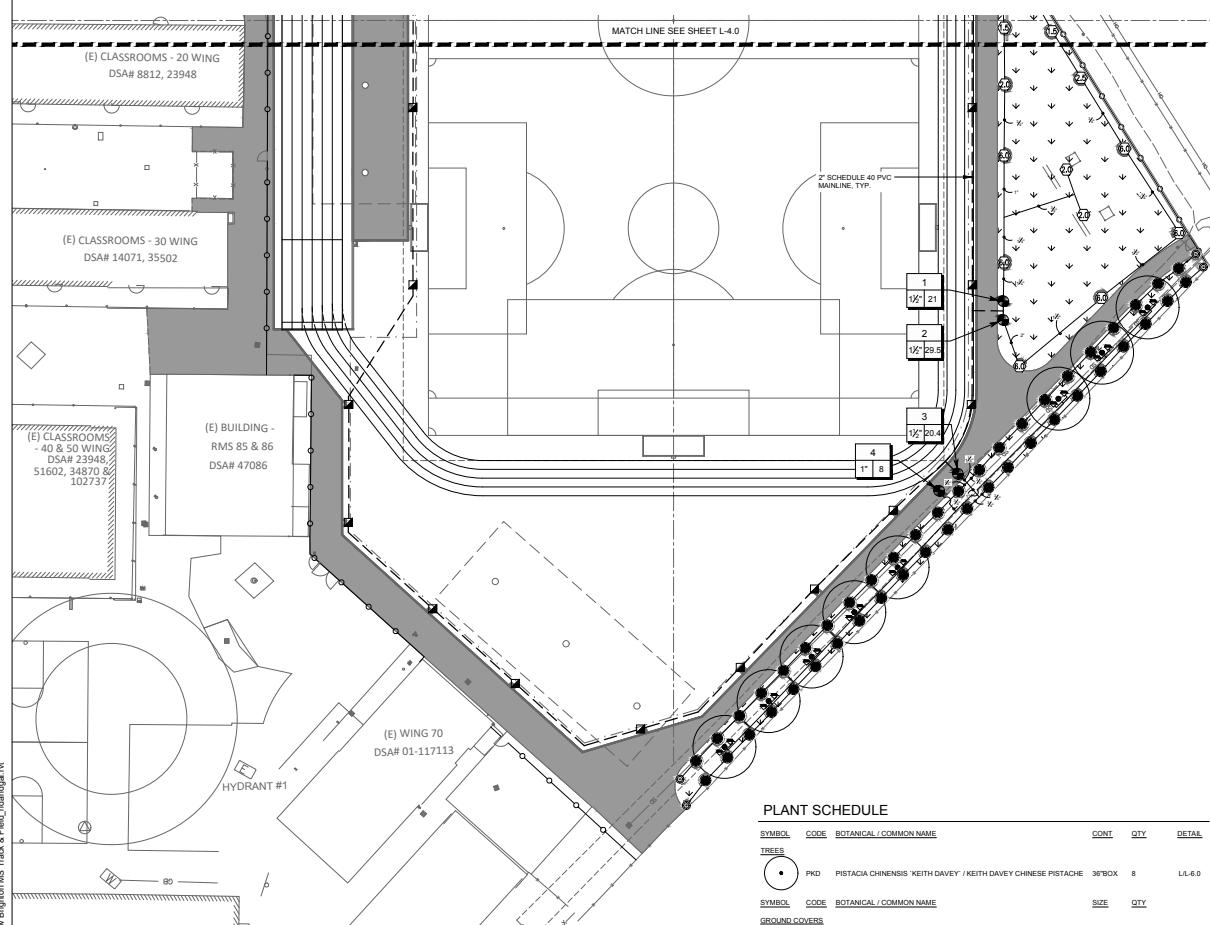
New Brighton Middle School - Natural Field to Artificial Turf
 250 Washburn Avenue, Capitola, CA 95010

Sheet Title

LAYOUT PLAN

DRAWN BY: BC JOB NUMBER: 21027.01
 SHEET NO. L-3.0
 DATE: FEBRUARY 18, 2025





PLANTING NOTES

SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT.	QTY	DETAIL
TREES					
	PKD	PISTACIA CHINENSIS 'KEITH DAVEY' / KEITH DAVEY CHINESE PISTACHE	36/BOX	8	L/L-6.0
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	QTY	
GROUND COVERS					
	FB	TURF 50 SQ FT PLUGS / FESCUE BLEND, CONFORM SOD TYPE TO THE DIRECT SODS PROCEDIMENT AND INSTALLATION	SOD	10,768 SF	AL-6.0

PLANTING NOTES

1. PLANT COUNTS SHOWING FOR BIDDING REFERENCE ONLY. CONTRACTOR SHALL SUPPLY ALL PLANTS REQUIRED TO FULFIL PLANT DESIGN AS INDICATED. IF A GROUNDCOVER SYMBOL OR PATTERN IS SHOWN STOPPING AT THE EDGE OF A FOREST OR SHRUB CANOPY SYMBOL, THE INTENT IS THAT THE GROUNDCOVER CONTINUE UNDERNEATH THE CANOPY. CONTRACTOR SHALL NOT BE REQUIRED TO PLANT GROUNDCOVER IN AREAS WHERE IT IS NOT SHOWN.
2. AROUND TREE TRUNKS.
3. PLANT MATERIALS PROTECT AND MAINTAIN ALL PLANT MATERIAL FROM THE TIME OF DELIVERY TO THE TIME OF PROJECT ACCEPTANCE. THE OWNER SHALL NOT BE RESPONSIBLE FOR LOSSES DUE TO VANDALISM, THEFT, OR SEVERE WEATHER.
4. CONTRACTOR SHALL PLANT MATERIALS SO THAT THEY DO NOT INTERFERE WITH IRRIGATION SYSTEM OR INHIBIT REQUIRED COVERAGE. PLANT LOCATIONS MAY BE ADJUSTED AS LONG AS DESIGN IS NOT ALTERED SIGNIFICANTLY. CONTRACTOR SHALL NOT PLANT MATERIALS IN AREAS WHERE THEY ARE NOT SHOWN. CONTRACTOR SHALL NOTIFY PROJECT MANAGER WITH RESPECT TO PLANT HEIGHT/SHAPE AND LOCATION PRIOR TO INSTALLATION.
5. ALL PLANT MATERIALS SHALL BE PLANTED IN A FRESH, SOILLESS MEDIUM FOR INSPECTION/OBSERVATION. SHALL HAVE ALL MATERIAL IN SPECIFIED LOCATIONS FOR REVIEW AT ONE TIME.
6. ALL NON-TURF PLANTING AREAS SHALL RECEIVE A PRE-EMERGENT HERBICIDE TREATMENT AND A 2" LAYER OF NATURAL COTTON FIBER. CONTRACTOR SHALL NOT BE REQUIRED TO PLANT IN AREAS WHERE IT IS NOT SPECIFIED OR ADDITIONAL INFORMATION.
7. ALL PLANTING AREAS SHALL BE MAINTAINED IN A FRESH CONDITION UNTIL PROJECT ACCEPTANCE.
8. PLANTS CAN BE INSPECTED AND REJECTED UPON DELIVERY.

SHADE TREE REQUIREMENTS

TOTAL PROJECT AREA DESIGNATED AS PLAYFIELD FOR ORGANIZED SPORT ACTIVITY. PER DSA SUBMITTAL GUIDELINE-4 SECTION 5.106.12.2, PLAYFIELDS FOR ORGANIZED SPORT ACTIVITY ARE EXEMPT FROM SHADE TREE REQUIREMENTS.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	ESI	DETAIL		
	HUNTER MP-CORNER PROPS-06-PR48-RA TURF ROTATOR, BN, POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI. MP PROP-UP, 1/2" NPT THREAD, 1/2" O.D. TURBOHEAD ADJ ARC 45-180 DEGREES	4	40	JL-6.0		
	HUNTER 1000-PRO-100-PRV TURF ROTATOR, BN, POP-UP WITH CHECK VALVE. PRESSURE REGULATED TO 40 PSI. MP ROTATOR NOZZLE 1/2" NPT THREAD, 1/2" O.D. 360 DEGREES	36	40			
	RAIN BIRD RWS-B-2.0 1400 SYSTEM ROOT WATERING SYSTEM WITH 4.0IN. DIAMETER X 36.0IN. LONG RIBBED TURF ROTATOR, 1/2" NPT THREAD NOZZLE AND CHECK VALVE. RAIN BIRD BUBBLER OPTION AS INDICATED 1401 0.25 GPM, 1402 0.5 GPM, 1403 1.0 GPM, 1408 2.0 GPM	16	40	HL-6.0		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	ESI	QPM	RADIUS	DETAIL
	HUNTER 120-PRO-PR 1.5 TURF ROTATOR, #6 POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER, DRAIN CHECK VALVE, STANDARD NOZZLE. PRESSURE REGULATING BODY.	4	45	1.5	31'	
	HUNTER 120-PRO-PR 2 TURF ROTATOR, #6 POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER, DRAIN CHECK VALVE, STANDARD NOZZLE. PRESSURE REGULATING BODY.	3	45	2	34'	
	HUNTER 120-PRO-PR 2.5 TURF ROTATOR, #6 POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER, DRAIN CHECK VALVE, STANDARD NOZZLE. PRESSURE REGULATING BODY.	1	45	2.5	35'	GL-6.0
	HUNTER 120-PRO-PR 6.0 TURF ROTATOR, #6 POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER, DRAIN CHECK VALVE, STANDARD NOZZLE. PRESSURE REGULATING BODY.	6	45	6	43'	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	ESI	DETAIL		
	HUNTER 140- 1" 1.125" PLASTIC ELECTRIC REMOTE CONTROL VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET.	4			DL-6.0	
	RAIN BIRD 44-RC 1/2" NPT THREAD COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY DESIGN.	30			DL-6.0	
	SHUT OFF VALVE KSB BTU-4 PVC BLOCKED TRUE UNION BALL VALVE 1/2" NPT THREAD, SAME AS PIPE.	2			EL-6.0	
	HUNTER 140- 2" PLASTIC ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET.	1			KL-6.0	
	EXISTING HANDEL CONTROLLER	1				KL-6.0
	CREATIVE SENSING 140V-140V-FSU-151-201 1/4" NPT THREAD, 1/2" NPT FLOW SENSOR WISOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPERMEABLE HOUSING, 100' CABLE LENGTH, 2 WIRE DIGITAL/OUTPUT COMPATIBLE, WALL MOUNTABLE CONTROLLERS, FLOW RANGE 1.8-108 GPM. POINT OF CONNECTION"Z"	1				
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	1,350 L.F.				CL-6.0
	IRRIGATION MAINLINE: PVC SCHEDULE 40	1,620 L.F.				CL-6.0
	EXISTING IRRIGATION MAINLINE					
	Valve Calibrated					
	Valve Number					
	Valve Flow					

IRRIGATION NOTES

1. THIS SYSTEM IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF 74 GALLONS PER MINUTE (G.P.M) AND A MAX. OF 100' P.S.I. STATIC AT THE POINT OF CONNECTION (DOWNSTREAM OF BACKFLOW PREVENTER). THE CONTRACTOR SHALL VERIFY THE EXISTING SYSTEM GPM AND STATIC S.P.S.I. AT THE POINT OF CONNECTION TO THE PROPOSED IRRIGATION DESIGN PRIOR TO BEGINNING WORK AND CONTRACTOR AND OWNERS REPRESENTATIVE IMMEDIATELY SHOULD DISPUTE ARISE WHILE RE-DIRECTING APPLICABLE WORK TO AVOID DELAY.
2. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL SUPPLY, TELEPHONE CONNECTION, GROUNDRING, SLEEVING AND STUBOUT WORK REQUIRED FOR SYSTEM WITH THE GENERAL CONTRACTOR AND/OR OWNERS REPRESENTATIVE AS APPLICABLE. CONTRACTOR SHALL VERIFY THAT ALL SLEEVING REQUIRED TO ACCESS IN-GROUND PLANTER BEER IS NOT ALL REQUIRED SLEEVING MAY BE SHOWN ON PLANTER.
3. IRRIGATION SYSTEM DESIGN MAY BE PARTIALLY DIAGRAMMATIC, WHERE EQUIPMENT IS SHOWN OUTSIDE PLANTING AREAS OR LIMIT OF WORK, INTENT IS FOR EQUIPMENT TO BE INSTALLED IN PLANTING AREAS. CONTRACTOR SHALL INDICATE PRECISE LOCATION AND SIZE OF EQUIPMENT TO BE INSTALLED AS SHOWN IN THE CONTRACT DOCUMENTS ON THE RECORD DRAWINGS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. THE CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO IRRIGATION SYSTEM IN FIELD AS NECESSARY. VALVES SHALL BE ADJUSTED TO PROVIDE SPECIFIED PRESSURE AT THE HEAD.
5. THE CONTRACTOR SHALL PROGRAM CONTROLLER TO INSURE PROPER IRRIGATION BASED ON PLANT TYPE, EXPOSURE AND SEASON. CONTRACTOR SHALL NOT START PLANTING UNTIL IRRIGATION SYSTEM IS FULLY OPERATIONAL. FROM THE COMMENCEMENT OF AUTOMATIC IRRIGATION, CONTRACTOR SHALL NOT TURN OFF POWER TO THE PUMP OR TURN OFF THE PUMP OR TURN OFF THE SHUT-OFF VALVE OF THE PUMP. THE CONTRACTOR'S INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH IT IS THE CONTRACTOR'S RESPONSIBILITY TO MONITOR PLANT HEALTH AND TURN ON THE PUMP AS NEEDED. CONTRACTOR MUST MAKE ADJUSTMENTS TO THE CONTROLLER PROGRAM FOR SEASONAL WEATHER CHANGES AND MICROMICROCLIMATE VARIATIONS.
6. EXISTING IRRIGATION CONTROLLER TO BE UTILIZED FOR PROPOSED IRRIGATION SYSTEM COMPONENTS. CONTRACTOR TO RUN IRRIGATION WIRE BACK TO EXISTING CONTROLLER TO REMAIN.
7. CONTRACTOR TO FIELD VERIFY FUNCTION OF ALL EXISTING VALVES, MANIFOLD AND OTHER COMPONENTS AFFECTED BY CONTRACT WORK. THE EXISTING IRRIGATION SYSTEM OUTSIDE OF LIMIT OF WORK BUT AFFECTED BY CONTRACT WORK SHALL REMAIN FULLY FUNCTIONAL. CONTRACTOR SHALL NOT TURN OFF POWER TO THE PUMP OR TURN OFF THE PUMP OR TURN OFF THE SHUT-OFF VALVE OF THE PUMP DUE TO THE POSSIBLE FAILURE OF ANY EXISTING EQUIPMENT THAT IS NON-FUNCTIONING AND REQUIRES REPLACEMENT PRIOR TO CONSTRUCTION.
8. REFER TO IRRIGATION DETAIL SHEETS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

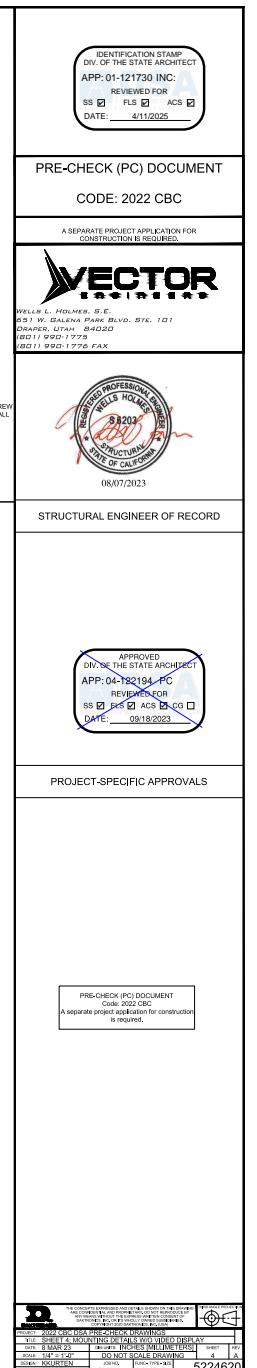
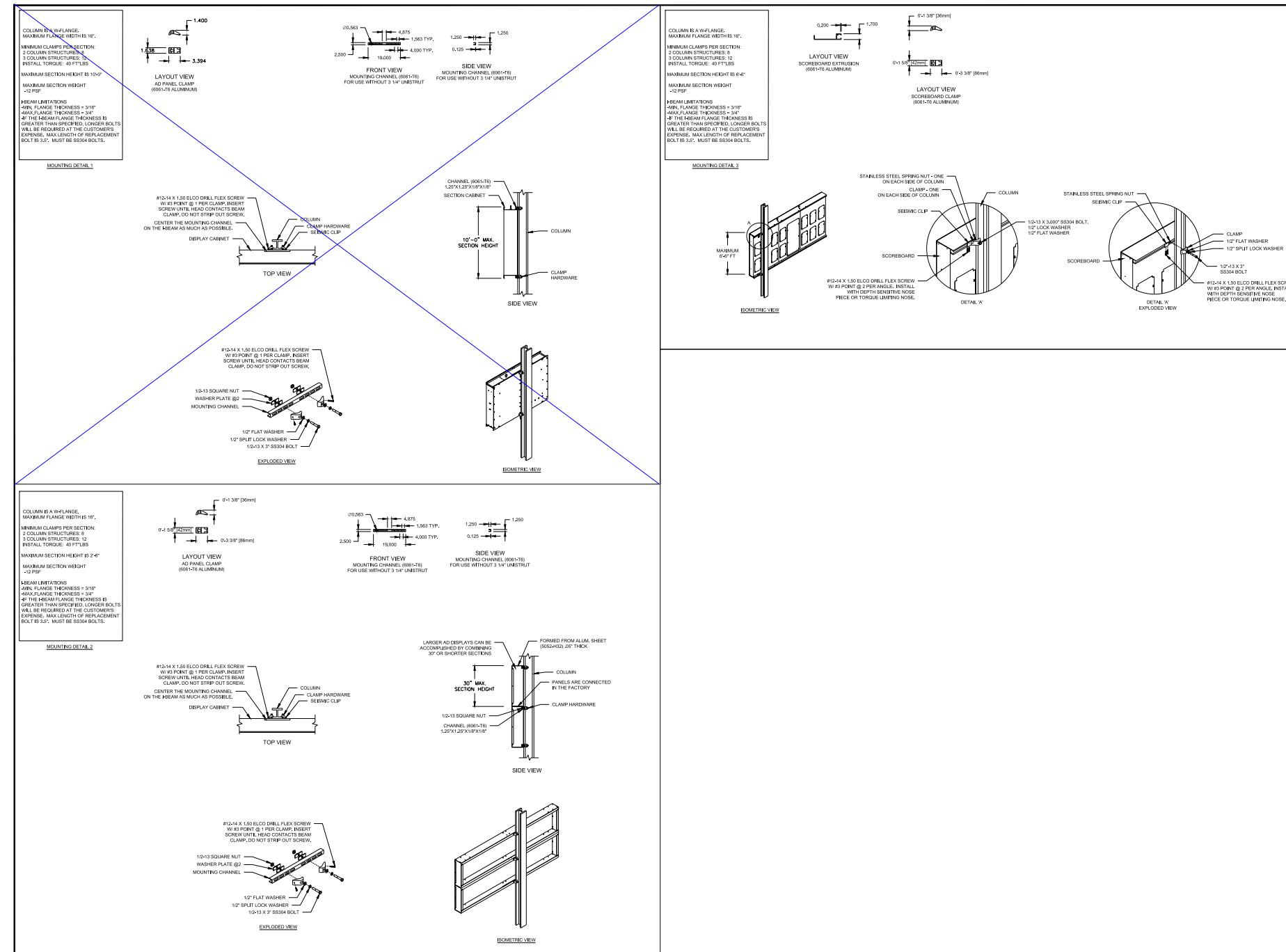
THE ARCHITECT DOES NOT REPRESENT THAT THESE PLANS OR THE SPECIFICATIONS ARE SUITABLE FOR ANY SITE OTHER THAN THE ONE FOR WHICH THEY WERE SPECIFICALLY PREPARED. THE OWNER HAS THE SOLE RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART FOR ANOTHER SITE. THE ACTUAL DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRIORITY OVER SCALED DIMENSIONS.

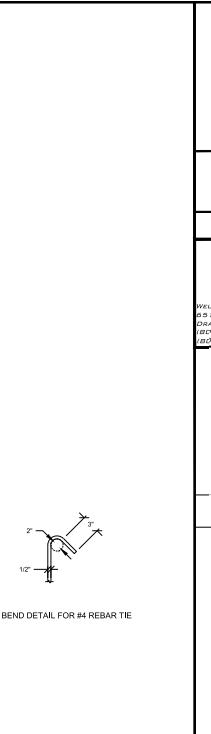
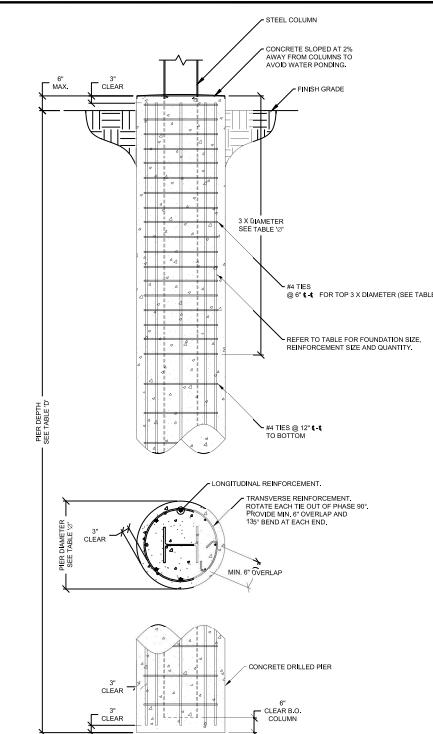
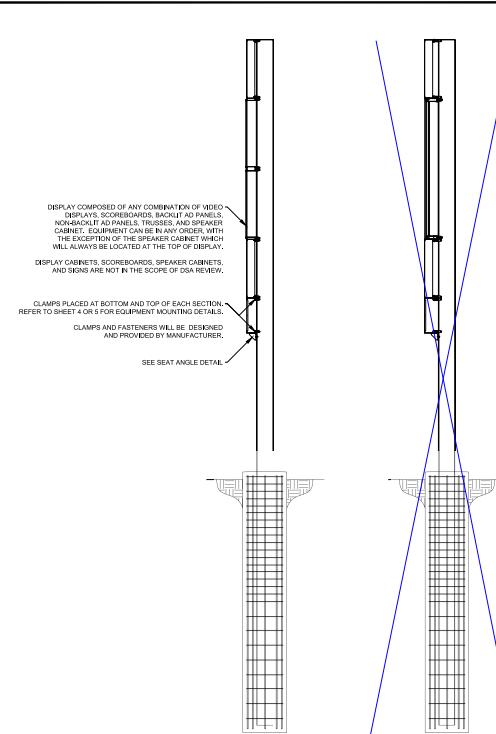
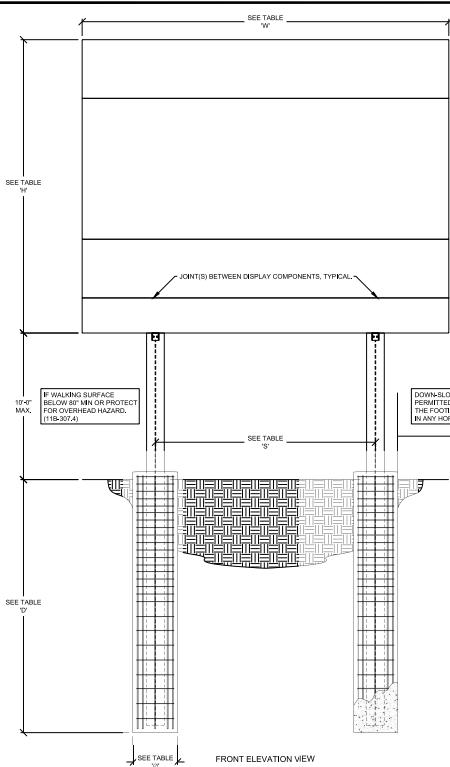
**New Brighton Middle
School - Natural Field
to Artificial Turf**
250 Washburn Avenue,

Capitola, CA 95010

LANDSCAPE PLAN

DRAWN BY: BC	JOB NUMBER: 21027.01
SHEET NO.	
L-4.1	
DATE: FEBRUARY 18, 2025	





IDENTIFICATION STAMP	
DIV. OF THE STATE ARCHITECT	
APP: 01-121730 INC:	
REVIEWED FOR	
SS <input checked="" type="checkbox"/>	FLS <input checked="" type="checkbox"/>
AC	
DATE: 4/11/2025	

PRE-CHECK (PC) DOCUMENT

CODE: 2022 CBC

A SEPARATE PROJECT APPLICATION FORM
CONSTRUCTION IS REQUIRED.

VECTO
STRUCTURE

HOLMES, S.E.
GALENA PARK BLVD. STE. 101
UTAH 84020
00-1774
90-1776 FAX

A circular stamp with a double-line border. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "WELLS HOLMES" at the bottom. The inner circle contains "S8203" at the top, "STRUCTURAL" in the center, and "STATE OF CALIFORNIA" at the bottom. A handwritten signature "WELLS HOLMES" is written across the center of the stamp. Below the stamp is the date "08/07/2023".

STRUCTURAL ENGINEER
OF RECORD

1262 BEND DETAIL FOR #4 PERFORATED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122194 PC
HE/VIEW/MAIL/HHH
<input checked="" type="checkbox"/> FS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input type="checkbox"/>
DATE: 09/18/2023

PROJECT-SPECIFIC APPROVALS

Check Option	Table A - Standard Wind Regions (100 MPH)										Project-Specific Approvals	
	Overall Dimensions			Columns		Pier Footings			Wind		Seismic	
"Max. Height 'H' (FT)"	"Max. Width 'W' (FT)"	Max. Display Weight (Lbs)	"Spacing 'S' (FT)"	Size	"Diameter 'D' (FT)"	"Depth 'D' (FT)"	"Long. Reinf. (Qty + Size)"	Kz	Cf	"Design Wind Pressure (Lbs/SqFt)"	"Base Shear (Lbs)"	
✓	8.00	16.00	2386.00	10.00	W10X24	3	8.25	(7) #8	0.68	1.73	28.19	1966
	12.00	16.00	3154.00	10.00	W10X33	3	10	(7) #8	0.92	1.71	29.11	2380
	16.00	16.00	3922.00	10.00	W10X45	3	11.5	(7) #8	0.95	1.69	29.03	3009
	20.00	16.00	4690.00	10.00	W12X60	3	13.5	(7) #8	0.98	1.68	30.58	4066
	8.00	20.00	2770.00	12.00	W12X26	3	9	(7) #8	0.88	1.73	28.19	1966
	12.00	20.00	3730.00	12.00	W10X39	3	10.75	(7) #8	0.92	1.69	28.83	2800
	16.00	20.00	4690.00	12.00	W10X45	3	12.75	(7) #8	0.95	1.68	29.61	3500
	20.00	20.00	5650.00	12.00	W12X65	3	15.5	(7) #8	0.98	1.67	30.28	4620
	24.00	20.00	6610.00	12.00	W12X70	3	18.25	(7) #8	1.04	1.66	31.03	5740
	12.00	25.50	4522.00	15.00	W10X45	3	11.75	(7) #8	0.92	1.68	28.55	3009
	16.00	25.50	5746.00	15.00	W12X65	3	14.75	(7) #8	0.95	1.66	29.31	4200
	20.00	25.50	6760.00	15.00	W14X74	3	17.75	(7) #8	0.98	1.65	30.03	5600
	24.00	25.50	7884.00	15.00	W14X80	3	21	(7) #8	1.04	1.64	30.59	6400
	28.00	25.50	8918.00	15.00	W14X109	4	26.25	(12) #8	1.03	1.64	31.93	6540
	32.00	25.50	11542.00	15.00	W18X140	4	22.75	(12) #8	1.05	1.64	31.97	10768
	36.00	25.50	12566.00	15.00	W27X148 ¹	4	27.25	(12) #8	1.07	1.64	32.56	12746

TABLE B - SPECIAL WIND REGI

Check Option	Overall Dimensions		Columns		Pier Footings		Wind		Seismic			
	"Max. Height "H" (ft)"	"Max. Width "W" (ft)"	Max. Display Weight (lbs)	"Spacing S" (ft)"	Size	"Diameter 'Ø' (ft)"	"Depth 'D' (ft)"	"Long. Reinf. (Qty x Size)"	K _z	C _f	"Design Wind Pressure (lbs/sqft)"	"Base Shear (lbs)"
	8.00	16.00	2386.00	10.00	W12x30	.3	.10	(7) #8	.88	1.73	47.64	1820
	12.00	16.00	3154.00	10.00	W12x40	.3	12.25	(7) #8	.92	1.71	49.20	2520
	16.00	16.00	3922.00	10.00	W12x50	.3	15.25	(7) #8	.95	1.69	50.41	3360
	20.00	16.00	4690.00	10.00	W12x72	.3	18.75	(7) #8	.98	1.68	51.68	4480
	8.00	20.00	2770.00	12.00	W10x35	.3	.11	(7) #8	.88	1.73	47.64	2160
	12.00	20.00	3730.00	12.00	W14x46	.3	13.75	(7) #8	.92	1.69	46.72	2940
	16.00	20.00	4690.00	12.00	W14x61	.3	17.5	(7) #8	.95	1.68	50.04	3620
	20.00	20.00	5650.00	12.00	W14x82*	.3	21.25	(7) #8	.98	1.67	51.17	5180
	24.00	20.00	6610.00	12.00	W14x99	.4	21	(12) #8	1.01	1.66	52.44	6440
	12.00	25.50	4522.00	15.00	W14x63	.3	16	(7) #8	.92	1.68	48.25	3360
	16.00	25.50	5746.00	15.00	W16x67	.3	20.25	(7) #8	.95	1.65	49.53	4480
	20.00	25.50	7670.00	15.00	W14x90	.4	20.5	(12) #8	.98	1.65	50.75	6020
	24.00	25.50	8894.00	15.00	W24x117*	.4	24.25	(12) #8	1.01	1.64	51.82	7640
	28.00	25.50	10118.00	15.00	W14x145*	.4	28	(12) #8	1.03	1.64	52.05	9800
	32.00	25.50	11424.00	15.00	W30x173*	.5	27.50	(19) #8	1.05	1.64	54.03	12040
	36.00	25.50	12666.00	15.00	W33x204*	.5	30.75	(19) #8	1.07	1.64	55.02	14560

(1) PER ASCE7 CASE 1E LOADINGS. CASE B LOADING = (CASE A LOADING) X (1.67). THE PRESSURES HAVE BEEN MULTIPLIED BY 0.6 (ASD LOAD FACTOR).
(2) 0.7V PER ASCE7-16 ASD LOADINGS.
(3) COLUMN MAY NOT BE SPLINED WITH A PREQUALIFIED CJP WELD.
(4) MAX. NEEDLE/ROLLER ROLL IS FOR C1 AMP ATTACHMENTS

SEAT ANGLE DETAIL
MAXIMUM CAPACITY = 5,750 LBS. PER SEAT
SEAT ANGLE IS REQUIRED AT BOTTOM
OF DISPLAY STACKS
TYPICAL AT EACH COLUMN

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