



FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

810

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

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new buildings, addition to existing buildings, and for site alterations design means for the designated emergency vehicle access, and the suppression water supply information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgment by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

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

For additional information refer to the instructions at the end of this form and DSA Policy PL 06.01 - Fire Flow for Buildings.

PROJECT INFORMATION			
School District/Owner: SOQUEL UNION ELEMENTARY SCHOOL DISTRICT			
Project Name/School: New Brighton Middle School			
Project Address: 620 Monterey Avenue Capitola, CA 95010			
FIRE & LIFE SAFETY INFORMATION			
1. Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>
2. Was the fire hydrant water flow test performed as part of the LFA review?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>
3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>
Refer to the following website for FHSZ locations: https://maps.fire.ca.gov/fhsz/			
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 9A.)	WIFA <input type="checkbox"/>	WIFA <input type="checkbox"/>	WIFA <input type="checkbox"/>

PARKING LOT - C ANALYSIS (STAFF + VISITORS)			
TOTAL NUMBER OF STALLS	NUMBER OF ACC. STALLS REQUIRED	NUMBER OF ACC. STALLS PROVIDED	NUMBER OF VAN ACC. STALLS PROVIDED
0	0	0	0

BUILDING INFORMATION						
UNIT	DESCRIPTION	STORIES	BLDG. AREA ACTUAL UNIT AREA	OCCUPANCY	CONSTRUCTION TYPE	SPRINKLER
1	(E) CLASSROOMS - 10 WING	1	9,080 SF	E-1	VB	No
2	(E) CLASSROOMS - 10 WING	1	7,934 SF	E-1	VB	No
3	(E) KINDERGARTEN	1	1,220 SF	E-1	VB	No
4	(E) CLASSROOMS - 20 WING	1	7,487 SF	E-1	VB	No
5	(E) CLASSROOMS - 30 WING	1	9,765 SF	E-1	VB	No
6	(E) CLASSROOMS - 40 & 50 WING	1	8,720 SF	E-1	VB	No
7	(E) WING 60	1	4,405 SF	E-1	VB	No
8	(E) WING 70	1	5,840 SF	E-1	VB	No
9	(E) CLASSROOMS - RMS BS & BS	1	3,226 SF	E-1	VB	No
10	(E) ELEMENTARY ADMIN BUILDING	1	1,108 SF	E-1	VB	No
11	(E) STUDENT SERVICES	1	3,360 SF	A-36.1	VB	No
12	(E) MA TUBS	1	12,833 SF	A-3	VB	No
13	(E) CONCRETE	1	3,085 SF	A-3	VB	No

NOTE: NO OCCUPANCY CHANGE, SIGNIFICANT ALTERATION, OR INCREASE IN SQUARE FOOTAGE OF (E) BUILDINGS IS PROPOSED FOR THIS PROJECT SCOPE OF WORK. EXISTING BUILDING CONSTRUCTION TYPE WILL BE MAINTAINED.

AREA - 153918 SQ.FT. - TOTAL

OCCUPANCY LOAD CALCULATION & NUMBER OF THE GROSS EXIT GATES

- (3) VOLLEYBALL COURT - 12 OCC./EACH
12 X 3 X 36 OCC.
- 111 FIELDS (9-4 SIDE) (1021-3 reference) X 2 = 42
114 FIELDS (11-4 SIDE) (1102-3 reference) = 27
1000020 = 690 OCC.
- (3) SOLAR SHADE STRUCTURE = 20 SQ.FT.OCC.
AREA PER STRUCTURE = 4000 SQ. FT.
1000020 = 690 OCC.

TOTAL OCCUPANTS = 36+42+27=105

= 795 OCCUPANTS

- REQUIRED Means of Egress + Occupant Load X
Means of egress capacity factor (CBC SEC. 1008.3.2)
= 795 X 0.2 / 100 = 1.59
- = EACH DATE IS 36 INCH
- = 4 GROSS EXIT GATES REQUIRED
- = 4 GROSS EXIT GATES ARE PROVIDED
- = 119 OCCUPANTS EXIT GATE

KEYNOTES

- (N) STRIPING FOR RUNNING TRACK. REFER DETAIL DL-5.1
- (E) BUS PARKING ONLY. DSA# 01-11713
- (E) WHITE DIAGONAL STRIPING. DSA# 01-120129
- (E) SOLAR PANEL SHADE STRUCTURE. DSA# 01-120129
- (N) FENCING 4 FT. REFER DETAIL 3A-111
- (N) TRACK 4 FT. REFER DETAIL 3A-111
- (E) FENCING TO REMAIN
- (N) MAINTENANCE DOUBLE GATE. REFER DETAIL 10A-111 & 10A-111
- (N) SINGLE GATE WITH PANELED HARDWARE. REFER DETAIL 2A-111 & 10A-111
- (E) ASPHALT EDGE TO REMAIN
- (E) ASPHALT EDGE
- (N) 12" CONCRETE CURB. REFER DETAIL EL-5.0
- (E) EV CHARGING. DSA# 01-120121
- (N) PC SCOREBOARD. PER PC# 9A-1221A. HEIGHT 8' AND WIDTH 16'
- (E) VAN ACC. PARKING. DSA# 01-11713
- (E) ACC. PARKING. DSA# 01-11713
- (E) STRIPING ON ASPHALT AS PER DSA# 01-11713
- (E) FLUSH CONC. CURB AS PER DSA# 01-11713
- (E) ACCESSIBLE RAIL DRINKING FOUNTAIN. DSA# 01-11713
- (N) ACCESSIBLE PASSENGER DROP-OFF
- (E) ACCESSIBLE PASSENGER DROP-OFF STRIPING
- (N) TRUNCATED CONE. REFER DETAIL 10A-111

LEGEND - CODE SITE GENERAL NOTES

- ALL NEW CONCRETE AND AC PAVING IN P.O.T. SHALL HAVE 2% MAX. SLOPE IN ALL DIRECTIONS L.I.D. AND SHALL HAVE FLUSH TRANSITIONS TO ALL ADJACENT NEW AND EXISTING WALK SURFACES IN P.O.T.
- ALL LANDSCAPE EDGES ALONG ALL NEW OR EXISTING WALK SURFACES IN P.O.T. SHALL BE PER CIVIL DRAWINGS.
- FOR GRATINGS OR STRAINERS LOCATED ON THE SURFACE OF ANY PEDESTRIAN WAY OR IN P.O.T., THE MAXIMUM GRATE OR STRAINER OPENINGS SHALL NOT EXCEED 1/2" IN THE DIRECTION OF TRAFFIC FLOW.
- THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR THE PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS, AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. SHALL BE MAINTAINED AND ALL ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON-COMPLIANT SHALL 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 DETAIL DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THEREOF, THESE LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF PORTIONS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NON-COMPLYING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

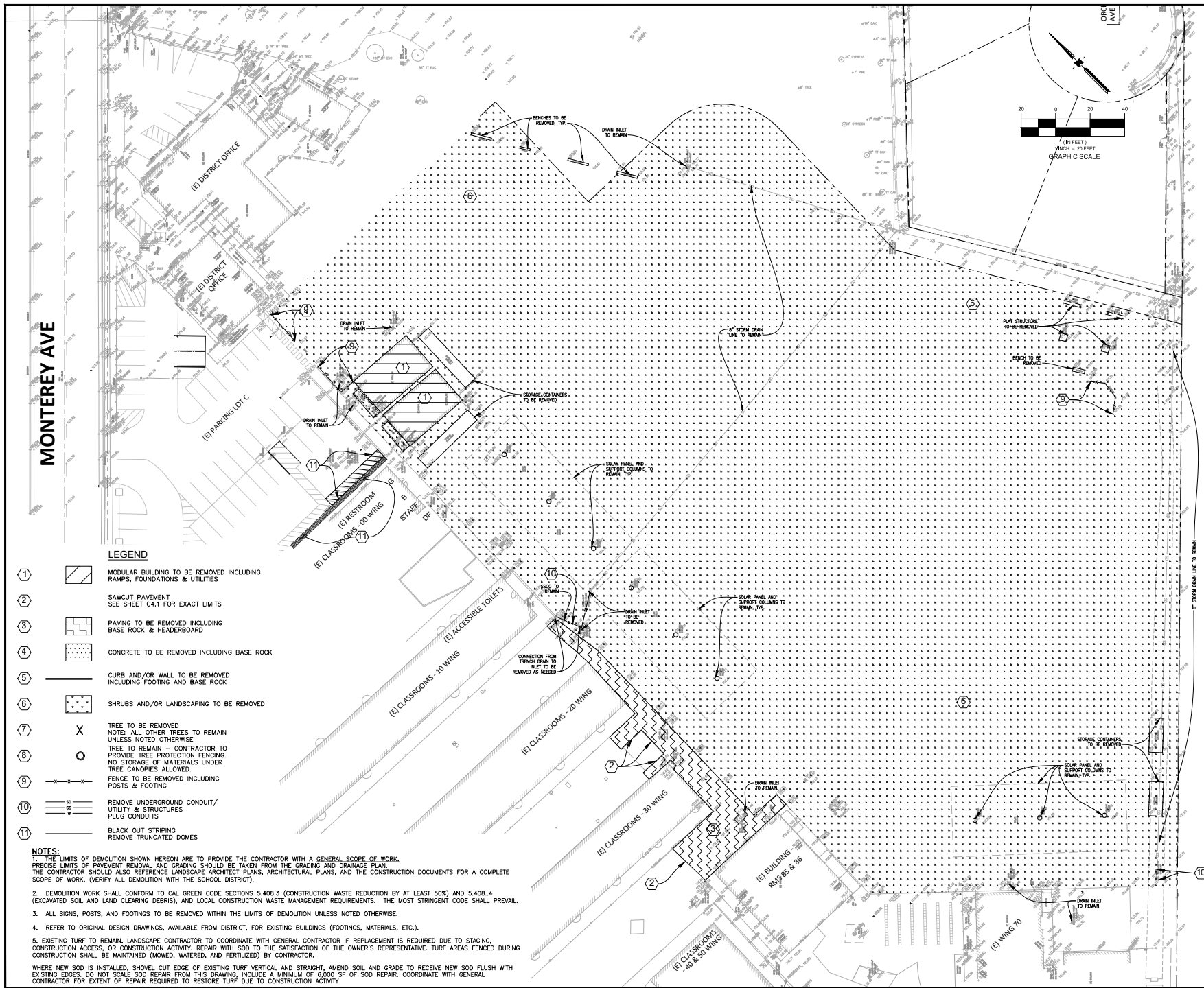
LEGEND - SITE PLAN

- EXISTING PROPERTY LINE
- LIMITS OF WORK
- (E) ARTIFICIAL TURF
- (E) TRACK SURFACE
- (E) ASPHALT PAVING
- (E) BUILDING
- (E) NATURAL GRASS
- (E) FIRE ACCESS LINE, DSA# 01-11713
- PATH OF TRAVEL (P.O.T.)
 - AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE
 - IS AT LEAST 6' WIDE
 - NO ABRUPT VERTICAL CHANGES EXCEEDING 1/2" REVEALED AT 1:2 MAXIMUM SLOPE EXCEPT THAT OVER CHANGES DO NOT EXCEED 1/4" VERTICAL
 - THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH
 - PASSING SPACES (11B-403.2) AT LEAST 60" WIDE ARE LOCATED NOT MORE THAN 20' APART
 - PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 80' LEVEL AREAS (11B-403.7) NOT MORE THAN 400' APART
 - THE CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 1% UNLESS OTHERWISE INDICATED
 - P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS
 - P.O.T. SHALL BE MAINTAINED 11B-507.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-507)
 - ARCHITECT SHALL VERIFY PATH OF TRAVEL CONFORMS WITH THE ABOVE
- (N) FENCE LINE
- (N) FENCE LINE
- (E) FIRE HYDRANT
- (E) FIRE DEPARTMENT CONNECTION

- (E) ACCESSIBLE GIRLS RESTROOM
- (E) ACCESSIBLE BOYS RESTROOM
- (E) GENDER NEUTRAL RESTROOM
- (E) ACCESSIBLE DRINKING WATER FOUNTAIN

SITE PLAN - CODE ANALYSIS

1" = 40'-0"



MONTEREY AVE

LEGEND

- 1 MODULAR BUILDING TO BE REMOVED INCLUDING RAMPS, FOUNDATIONS & UTILITIES
- 2 SAWCUT PAVEMENT SEE SHEET C4.1 FOR EXACT LIMITS
- 3 PAVING TO BE REMOVED INCLUDING BASE ROCK & HEADERBOARD
- 4 CONCRETE TO BE REMOVED INCLUDING BASE ROCK
- 5 CURB AND/OR WALL TO BE REMOVED INCLUDING FOOTING AND BASE ROCK
- 6 SHRUBS AND/OR LANDSCAPING TO BE REMOVED
- 7 X TREE TO BE REMOVED
NOTE: ALL OTHER TREES TO REMAIN UNLESS NOTED OTHERWISE
- 8 O TREE TO REMAIN - CONTRACTOR TO PROVIDE TREE PROTECTION FENCING. NO STORAGE OF MATERIALS UNDER TREE CANOPIES ALLOWED.
- 9 - - - FENCE TO BE REMOVED INCLUDING POSTS & FOOTING
- 10 - - - REMOVE UNDERGROUND CONDUIT/ UTILITY & STRUCTURES PLUG CONDUITS
- 11 - - - BLACK OUT STRIPING REMOVE TRUNCATED DOMES

NOTES:

1. THE LIMITS OF DEMOLITION SHOWN HEREON ARE TO PROVIDE THE CONTRACTOR WITH A GENERAL SCOPE OF WORK. PRECISE LIMITS OF PAVEMENT REMOVAL AND GRADING SHOULD BE TAKEN FROM THE GRADING AND DRAINAGE PLAN. THE CONTRACTOR SHOULD ALSO REFERENCE LANDSCAPE ARCHITECT PLANS, ARCHITECTURAL PLANS, AND THE CONSTRUCTION DOCUMENTS FOR A COMPLETE SCOPE OF WORK. (VERIFY ALL DEMOLITION WITH THE SCHOOL DISTRICT).
 2. DEMOLITION WORK SHALL CONFORM TO CAL GREEN CODE SECTIONS 5.408.3 (CONSTRUCTION WASTE REDUCTION BY AT LEAST 50%) AND 5.408.4 (EXCAVATED SOIL AND LAND CLEARING DEBRIS), AND LOCAL CONSTRUCTION WASTE MANAGEMENT REQUIREMENTS. THE MOST STRINGENT CODE SHALL PREVAIL.
 3. ALL SIGNS, POSTS, AND FOOTINGS TO BE REMOVED WITHIN THE LIMITS OF DEMOLITION UNLESS NOTED OTHERWISE.
 4. REFER TO ORIGINAL DESIGN DRAWINGS, AVAILABLE FROM DISTRICT, FOR EXISTING BUILDINGS (FOOTINGS, MATERIALS, ETC.).
 5. EXISTING TURF TO REMAIN. LANDSCAPE CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR IF REPLACEMENT IS REQUIRED DUE TO STAGING, CONSTRUCTION ACCESS, OR CONSTRUCTION ACTIVITY. REPAIR WITH SOD TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. TURF AREAS FENCED DURING CONSTRUCTION SHALL BE MAINTAINED (MOWED, WATERED, AND FERTILIZED) BY CONTRACTOR.
- WHERE NEW SOD IS INSTALLED, SHOVEL CUT EDGE OF EXISTING TURF VERTICAL AND STRAIGHT, AMEND SOIL AND GRADE TO RECEIVE NEW SOD FLUSH WITH EXISTING EDGES. DO NOT SCALE SOD REPAIR FROM THIS DRAWING. INCLUDE A MINIMUM OF 6,000 SF OF SOD REPAIR. COORDINATE WITH GENERAL CONTRACTOR FOR EXTENT OF REPAIR REQUIRED TO RESTORE TURF DUE TO CONSTRUCTION ACTIVITY

AGENCY APPROVAL
DATE: 01-12-1730
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR
SS PLS ACS
DATE: 01-12-1730

19.6
ARCHITECTS

303 POTRERO STREET, SUITE 5
SANTA CRUZ, CA 95060
TEL (831) 440-7300

CONSULTANTS
CIVIL ENGINEER
CARROLL ENGINEERING, INC.
1101 S. Winchester Blvd, Suite H184
San Jose, CA 95128
PH (408) 261-1800 MOBILE (831) 588-2487
LANDSCAPE ARCHITECT
SSA LANDSCAPE ARCHITECT, INC.
380 POTRERO STREET, SUITE 40-C
SANTA CRUZ, CA 95060
TEL (831) 459-0455 FAX (831) 459-0484
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424 W. Franklin Street, Suite 100
Monterey, CA 93940
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ARCHITECT STAMP CONSULTANT STAMP



REVISIONS		
NO.	DATE	DESCRIPTION

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 ARCHITECT DISCLAIMS RESPONSIBILITY IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.

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

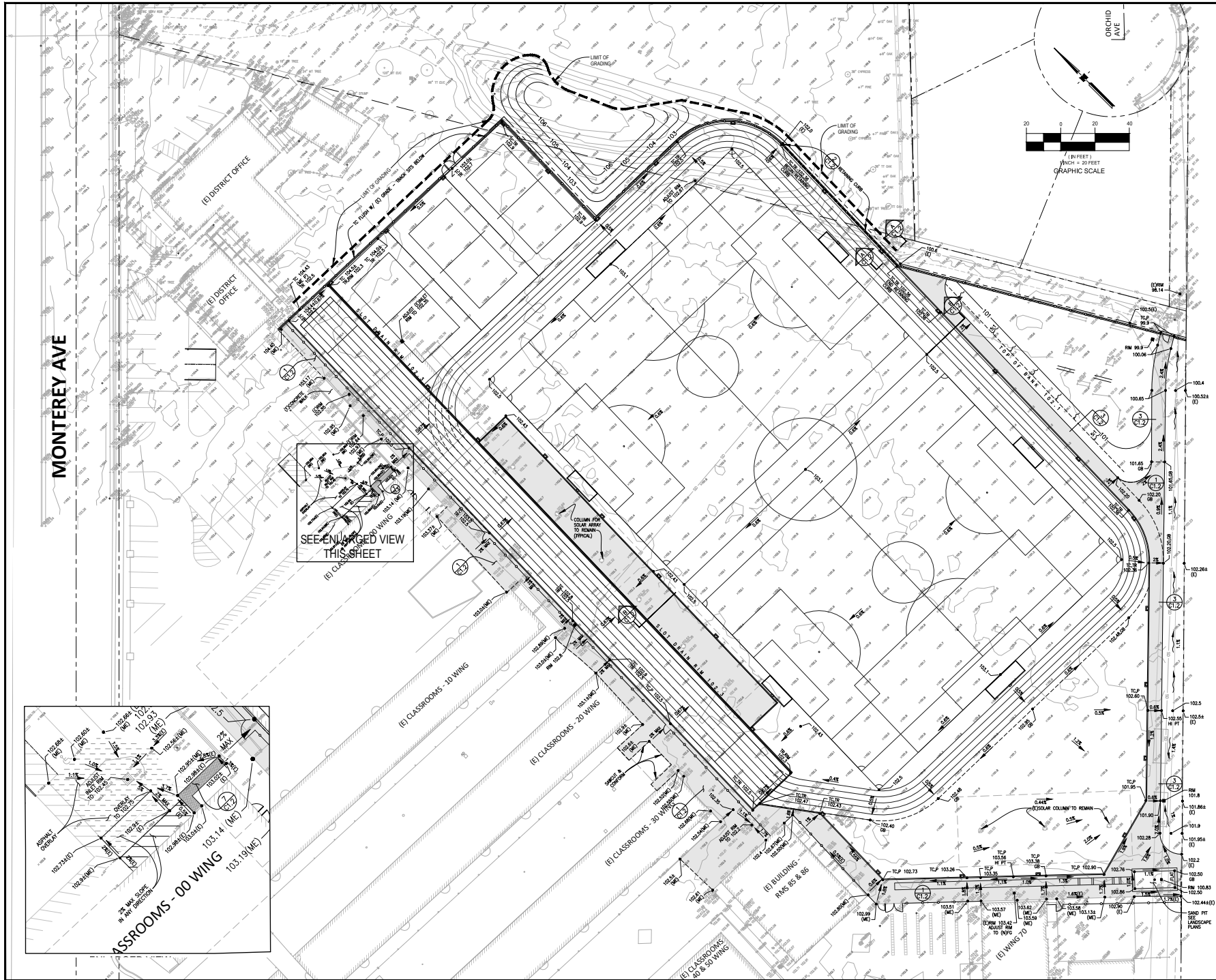
New Brighton Middle School - Natural Field to Artificial Turf
250 Washburn Avenue,
Capitola, CA 95010

SHEET TITLE
DEMOLITION PLAN

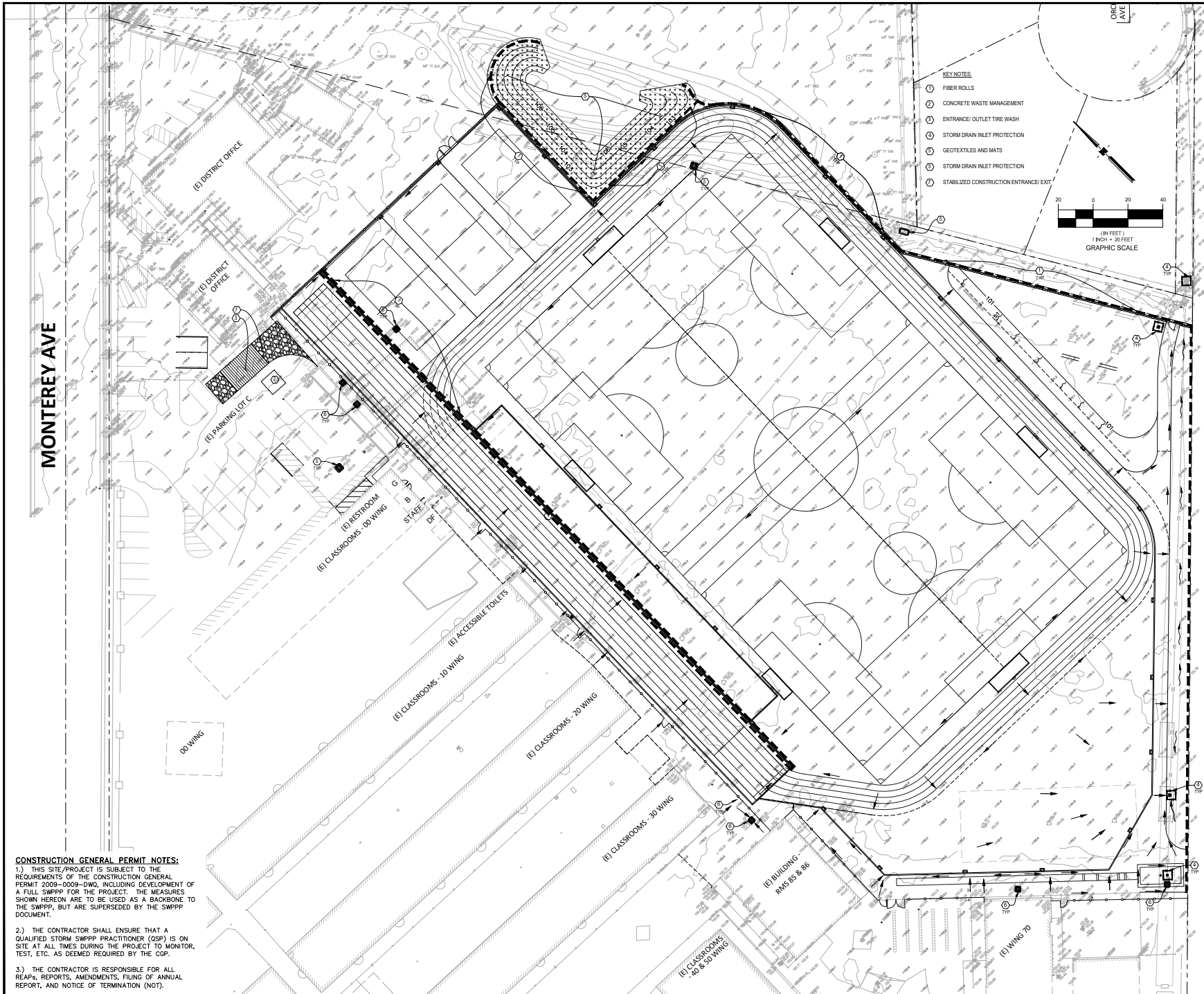
DRAWN BY: STAFF JOB NUMBER: 21907-01
SHEET NO. 021 PROJECT NO. 3091

C2.1

DATE: MARCH 28, 2025



DATE PLOTTED: 7/26/2024 11:13:29 AM
FILE LOCATION: C:\Users\eross\appdata\local\temp\AcUser\199523091-C6 Erosion.dwg



CONSTRUCTION GENERAL PERMIT NOTES:

- 1.) THIS SITE/PROJECT IS SUBJECT TO THE REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT 2009-0009-DWQ, INCLUDING DEVELOPMENT OF A FULL SWPPP FOR THE PROJECT. THE MEASURES SHOWN HEREON ARE TO BE USED AS A BACKBONE TO THE SWPPP, BUT ARE SUPERSEDED BY THE SWPPP DOCUMENT.
- 2.) THE CONTRACTOR SHALL ENSURE THAT A QUALIFIED STORM SWPPP PRACTITIONER (OSP) IS ON SITE AT ALL TIMES DURING THE PROJECT TO MONITOR, TEST, ETC. AS DEEMED REQUIRED BY THE GCP.
- 3.) THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS, REPORTS, AMENDMENTS, FILING OF ANNUAL REPORT, AND NOTICE OF TERMINATION (NOT).

AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR
DATE: 8/13/2025

19.6
ARCHITECTS

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ARCHITECT STAMP

CONSULTANT STAMP

REVISIONS

NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE
Sequel 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

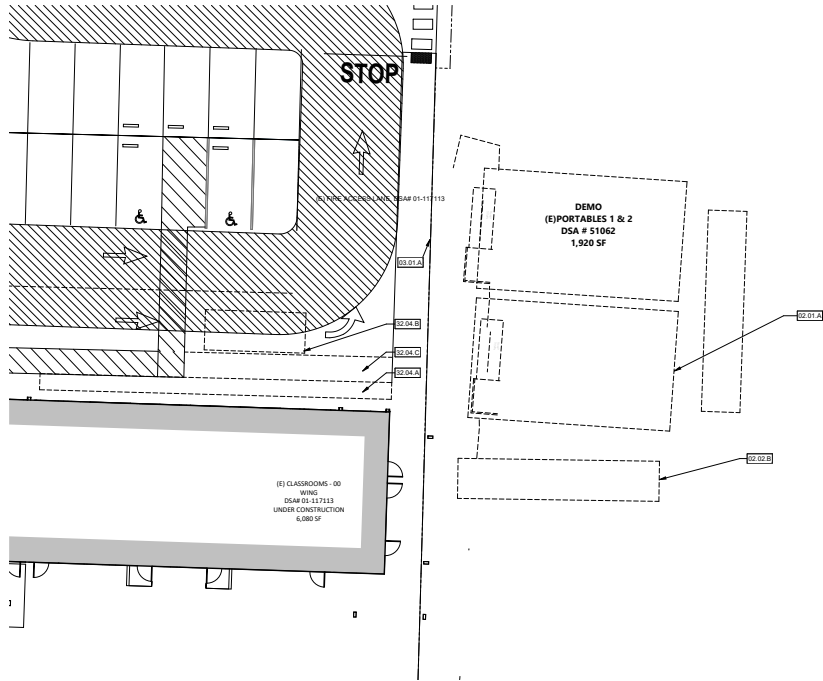
SHEET TITLE
EROSION CONTROL PLAN

DRAWN BY: STAFF
JOB NUMBER: 21007-01
C61 PROJECT NO. 309

SHEET NO.
C6.1

DATE: MARCH 28, 2025

DSA BACKCHECK



0' 5' 10' 20'



ENLARGED SITE PLAN - DEMOLITION

1" = 100'-0"

1

KEYNOTES

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

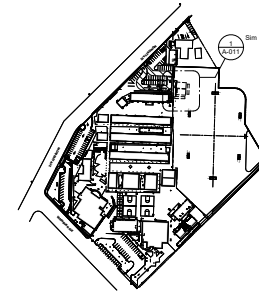


(E) BUILDINGS (NO WORK TO BE DONE)



(E) BUILDING TO BE DEMOLISHED

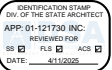
SITE KEYPLAN



LEGEND - DEMO GENERAL NOTES

- SEE CIVIL, LANDSCAPE AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION SCOPE OF WORK.
-

AGENCY APPROVAL - DSA# 01-121730



19.6

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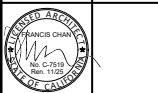
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ARCHITECT STAMP CONSULTANT STAMP



NO.	DATE	DESCRIPTION

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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

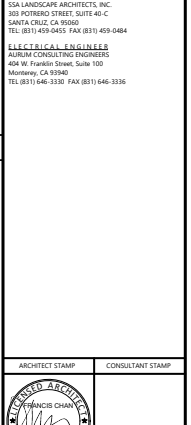
SHEET TITLE
DEMOLITION SITE PLAN

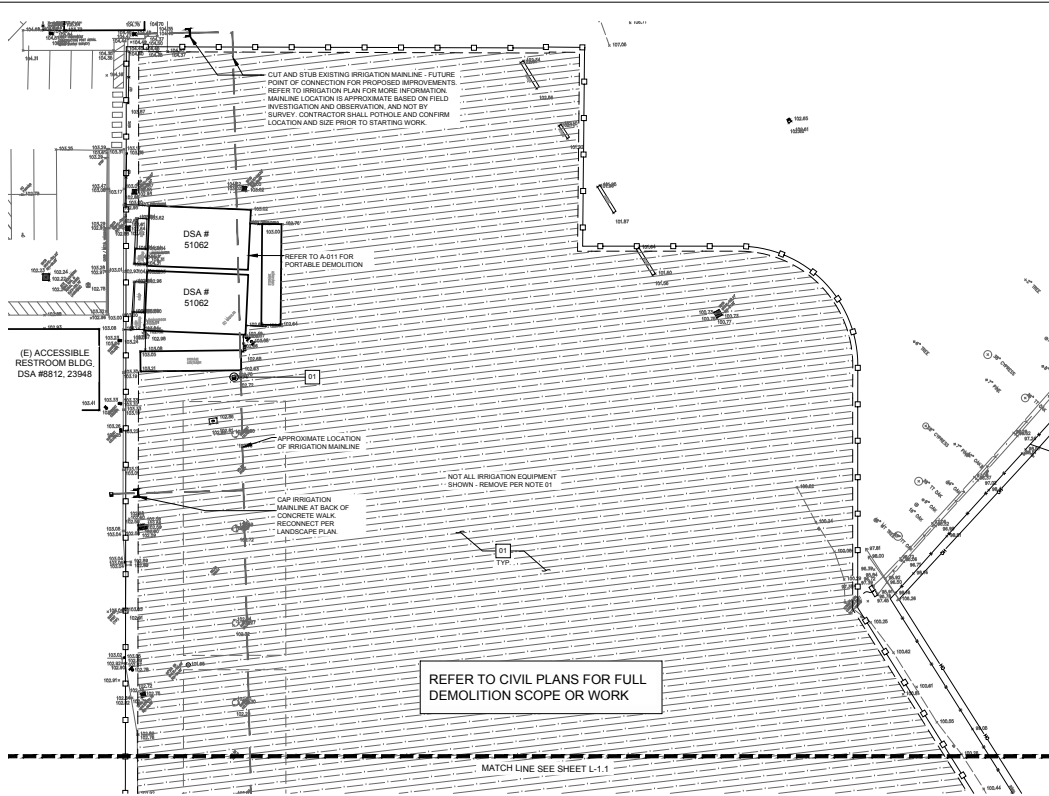
DRAWN BY: ND JOB NUMBER: 21027 01

SHEET NO.

A-011

DATE: JULY 31, 2024

[illegible]



DEMOLITION LEGEND

SYMBOL	DESCRIPTION	
	DEMOLITION TAG	
	(E) TREE TO REMAIN	
	CONSTRUCTION FENCING	

CLEAR AND GRUB (E)
LANDSCAPE AREA PER NOTE
(+/- 100,000 SFT)

EXISTING MAINLINE
CONTRACTOR SHALL POTHOLE
TO VERIFY LOCATION AND SIZE.

DEMOLITION SCHEDULE

DEMOLITION

- 01 CLEAR & GRUB (E) TURF FIELD, DEMOLISH AND REMOVE (E) IRRIGATION LATERAL LINES, VALVES, HEADS & QUICK COUPLERS AND TURN OVER TO DISTRICT MAINTENANCE STAFF. DEMOLISH AND REMOVE (E) MAINLINE AND CAP AT LOCATION SHOWN ON PLAN FOR CONNECTION TO PROPOSED IMPROVEMENTS.

DEMOLITION NOTES

- CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION OR DEMOLITION.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING ABOVE-GROUND UTILITIES AND PROVIDE FOR THEIR TEMPORARY DISCONNECTION, PROTECTION, REMOVAL AND/OR STORAGE AS MAY BE REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DETERMINE WHETHER TEMPORARY SERVICES ARE NECESSARY.
- ALL SPOILS AND DEBRIS FROM THE DEMOLITION WORK SHALL BE HAULED OFF SITE BY CONTRACTOR AND BE DISPOSED OF IN A LAWFUL MANNER AS IT ACCUMULATES. EXCAVATED, CLEAN FILL MAY BE USED IN CONSTRUCTION IF APPROVED BY THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL REVIEW ALL RELATED WORK REQUIRED ON ALL OTHER DRAWING SHEETS AND/OR SPECIFICATIONS PRIOR TO BIDDING.
- CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO VERIFY EXTENT OF SITE DEMOLITION REQUIRED. IF SITE VISIT YIELDS DISCREPANCIES WITH THE DRAWINGS, CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.
- CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE IN ANY WAY, ANY EXISTING ELEMENTS NOT DESIGNATED FOR REMOVAL. SUCH DAMAGE IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE REPAIRED OR REPLACED TO AN 'AS-WAS' OR BETTER CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD AND CHALKED, FLAGGED OR STRINGLINED PRIOR TO ANY CONSTRUCTION. IF ANY DISCREPANCIES OCCUR, NOTIFY OWNERS REPRESENTATIVE IMMEDIATELY BEFORE PROCEEDING. THE DEPTHS OF ITEMS TO BE REMOVED, UNLESS NOTED, SHALL BE DETERMINED BY THE CONTRACTOR BY VISITING THE SITE.
- PROTECT TREES WITHIN THE PROJECT SITE WHICH ARE INDICATED TO BE LEFT IN PLACE AND WHICH MIGHT BE DAMAGED DURING DEMOLITION, BY SIX FOOT HIGH FENCES, ERECT FENCES AT THE OUTER PERIMETER OF BRANCHES OF INDIVIDUAL TREES OR FOLLOW THE OUTER PERIMETER OF BRANCHES OF CLUMPS OF TREES. RESTORE TREES SCARRED OR DAMAGED BY CONTRACTOR EQUIPMENT OR OPERATIONS TO THEIR ORIGINAL CONDITION OR REPLACE AS DETERMINED BY OWNERS REPRESENTATIVE. OWNERS REPRESENTATIVE WILL APPROVE RESTORATION PROCEDURES PRIOR TO INITIATION.
- UTILITIES AND RELATED EQUIPMENT: REMOVE ALL EXISTING UTILITIES AS INDICATED AND AS UNCOVERED BY WORK, AND TERMINATE IN A MANNER CONFORMING TO CODE, AND AT A TIME SATISFACTORY TO THE OWNER'S REPRESENTATIVE. REMOVE METERS AND RELATED EQUIPMENT AND DELIVER TO A LOCATION AS INSTRUCTED BY THE OWNER'S REPRESENTATIVE WITHOUT ADDITIONAL COST TO THE OWNER. DISPOSE OF UTILITY LINES ENCOUNTERED THAT ARE NOT SHOWN ON THE DRAWINGS IN ACCORDANCE WITH INSTRUCTIONS OF OWNER'S REPRESENTATIVE.
- IRRIGATION VALVES, RELATED PIPING AND HEADS: REMOVE AS INDICATED ON DRAWINGS. SALVAGEABLE MATERIALS AS DETERMINED BY THE OWNER'S REPRESENTATIVE SHALL BE DELIVERED TO THE OWNER AT A LOCATION INDICATED BY THE OWNER'S REPRESENTATIVE.
- UNDERGROUND PIPING: REMOVE AS INDICATED AND BACK FILL TO COMPACTION DENSITY DESIGNATED BY THE GEOTECHNICAL REPORT. DEMOLISHED STUB-UPS SHALL BE TERMINATED AT A MINIMUM TWO FEET BELOW NEW FINISHED GRADE UNLESS DESIGNATED OTHERWISE ON DRAWINGS. LINES WHICH CONNECT TO ACTIVE SYSTEMS SHALL BE CAPPED, FLANGED OR BLIND FLANGED AS APPROPRIATE.
- AS APPLICABLE AND UNLESS OTHERWISE NOTED, 'DEMOLISH & REMOVE' SHALL INCLUDE ALL FOOTINGS AND ATTACHED APPURTENANCES ABOVE OR BELOW GROUND.
- DO NOT STORE OR BURN MATERIAL ON-SITE.
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION PERTAINING TO ALL WORK INCLUDED IN THE DEMOLITION PHASE.
- NO DEMOLITION WORK SHALL BEGIN UNTIL PLANS, INCLUDING THE DEMOLITION WORK, HAVE BEEN APPROVED BY DSA.

AGENCY APPROVAL: DSA 01-121730

IDENTIFICATION STAMP
OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR
SD PLS ACS
DATE: 5/11/2025

19.6

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Monterey, CA 93940
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ARCHITECT STAMP

CONSULTANT STAMP



REVISIONS

NO.	DATE	DESCRIPTION

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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

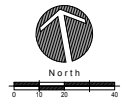
LANDSCAPE DEMOLITION PLAN

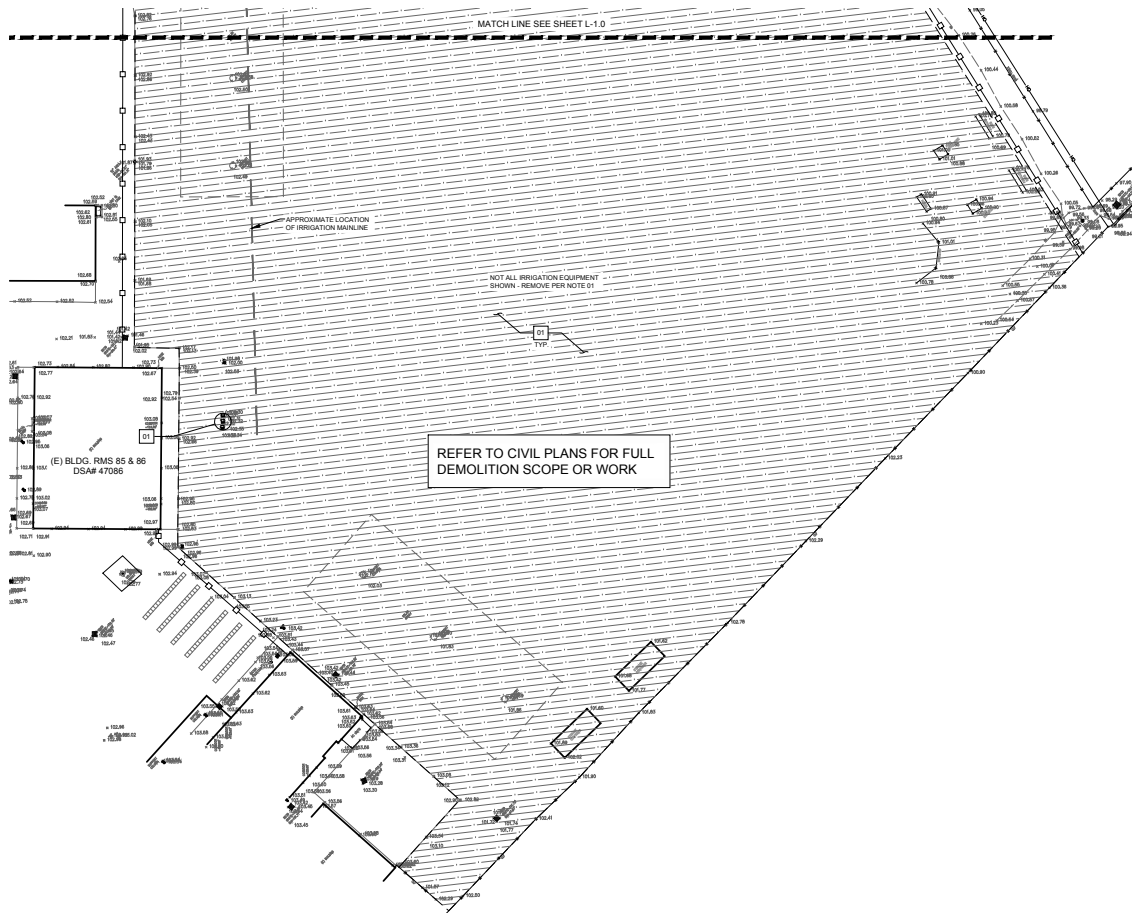
DRAWN BY: BC JOB NUMBER: 21027-01

SHEET NO.

L-1.0

DATE: FEBRUARY 16, 2025





DEMOLITION LEGEND

SYMBOL	DESCRIPTION		
[X]	DEMOLITION TAG	[Hatched Box]	CLEAR & GRUB (E) LANDSCAPE AREA PER NOTE (+/- 10,000 SF)
(X)	(E) TREE TO REMAIN	[Dashed Line]	EXISTING MAINLINE - CONTRACTOR SHALL POTHOLE TO VERIFY LOCATION AND SIZE.
[Square]	CONSTRUCTION FENCING		

DEMOLITION SCHEDULE

DEMOLITION

01 CLEAR & GRUB (E) TURF FIELD, DEMOLISH AND REMOVE (E) IRRIGATION LATERAL LINES, VALVES, HEADS & QUICK COUPLERS AND TURN OVER TO DISTRICT MAINTENANCE STAFF. DEMOLISH AND REMOVE (E) MAINLINE AND CAP AT LOCATION SHOWN ON PLAN FOR CONNECTION TO PROPOSED IMPROVEMENTS.

- DEMOLITION NOTES**
- CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION OR DEMOLITION.
 - CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING ABOVE-GROUND UTILITIES AND PROVIDE FOR THEIR TEMPORARY DISCONNECTION, PROTECTION, REMOVAL AND/OR STORAGE AS MAY BE REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DETERMINE WHETHER TEMPORARY SERVICES ARE NECESSARY.
 - ALL SPOILS AND DEBRIS FROM THE DEMOLITION WORK SHALL BE HAULED OFF SITE BY CONTRACTOR AND BE DISPOSED OF IN A LAWFUL MANNER AS IT ACCUMULATES. EXCAVATED, CLEAN FILL MAY BE USED IN CONSTRUCTION IF APPROVED BY THE OWNER'S REPRESENTATIVE.
 - CONTRACTOR SHALL REVIEW ALL RELATED WORK REQUIRED ON ALL OTHER DRAWING SHEETS AND/OR SPECIFICATIONS PRIOR TO BIDDING.
 - CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO VERIFY EXTENT OF SITE DEMOLITION REQUIRED. IF SITE VISIT YIELDS DISCREPANCIES WITH THE DRAWINGS, CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.
 - CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE IN ANY WAY ANY EXISTING ELEMENTS NOT DESIGNATED FOR REMOVAL SUCH DAMAGE IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE REPAIRED OR REPLACED TO AN "AS-BUILT" OR BETTER CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD AND CHALKED, FLAGGED OR STRING-LINED PRIOR TO ANY CONSTRUCTION. IF ANY DISCREPANCIES OCCUR, NOTIFY OWNERS REPRESENTATIVE IMMEDIATELY BEFORE PROCEEDING. THE DEPTHS OF ITEMS TO BE REMOVED, UNLESS NOTED, SHALL BE DETERMINED BY THE CONTRACTOR BY VISITING THE SITE.
 - PROTECT TREES WITHIN THE PROJECT SITE WHICH ARE INDICATED TO BE LEFT IN PLACE AND WHICH MIGHT BE DAMAGED DURING DEMOLITION, BY SIX FOOT HIGH FENCES, ERECT FENCES AT THE OUTER PERIMETER OF BRANCHES OF INDIVIDUAL TREES OR FOLLOW THE OUTER PERIMETER OF BRANCHES OF CLUMPS OF TREES. RESTORE TREES SCARRED OR DAMAGED BY CONTRACTOR EQUIPMENT OR OPERATIONS TO THEIR ORIGINAL CONDITION OR REPLACE AS DETERMINED BY OWNERS REPRESENTATIVE. OWNERS REPRESENTATIVE WILL APPROVE RESTORATION PROCEDURES PRIOR TO INITIATION.
 - UTILITIES AND RELATED EQUIPMENT: REMOVE ALL EXISTING UTILITIES AS INDICATED AND AS UNCOVERED BY WORK AND TERMINATE IN A MANNER CONFORMING TO CODE, AND AT A TIME SATISFACTORY TO THE OWNER'S REPRESENTATIVE. REMOVE METERS AND RELATED EQUIPMENT AND DELIVER TO A LOCATION AS INSTRUCTED BY THE OWNER'S REPRESENTATIVE WITHOUT ADDITIONAL COST TO THE OWNER. DISPOSE OF UTILITY LINES ENCOUNTERED THAT ARE NOT SHOWN ON THE DRAWINGS IN ACCORDANCE WITH INSTRUCTIONS OF OWNERS REPRESENTATIVE.
 - IRRIGATION VALVES, RELATED PIPING AND HEADS: REMOVE AS INDICATED ON DRAWINGS. SALVAGEABLE MATERIALS AS DETERMINED BY THE OWNER'S REPRESENTATIVE SHALL BE DELIVERED TO THE OWNER AT A LOCATION INDICATED BY THE OWNER'S REPRESENTATIVE.
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 - DO NOT STORE OR BURN MATERIAL ON-SITE.
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REFER TO CIVIL PLANS FOR FULL DEMOLITION SCOPE OR WORK

IDENTIFICATION STAMP
DW. OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR: PLS ACS
DATE: 8/13/2025

19.6

CONSULTANTS
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ARCHITECT STAMP CONSULTANT STAMP

LANDSCAPE ARCHITECT
No. 2805
Exp. 1-31-26
J. L. Smith
of California

NO.	DATE	DESCRIPTION

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 ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.

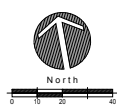
PROJECT OWNER & TITLE
Soquel Union Elementary School District
620 Monterey Avenue
Capitola, CA 95010

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

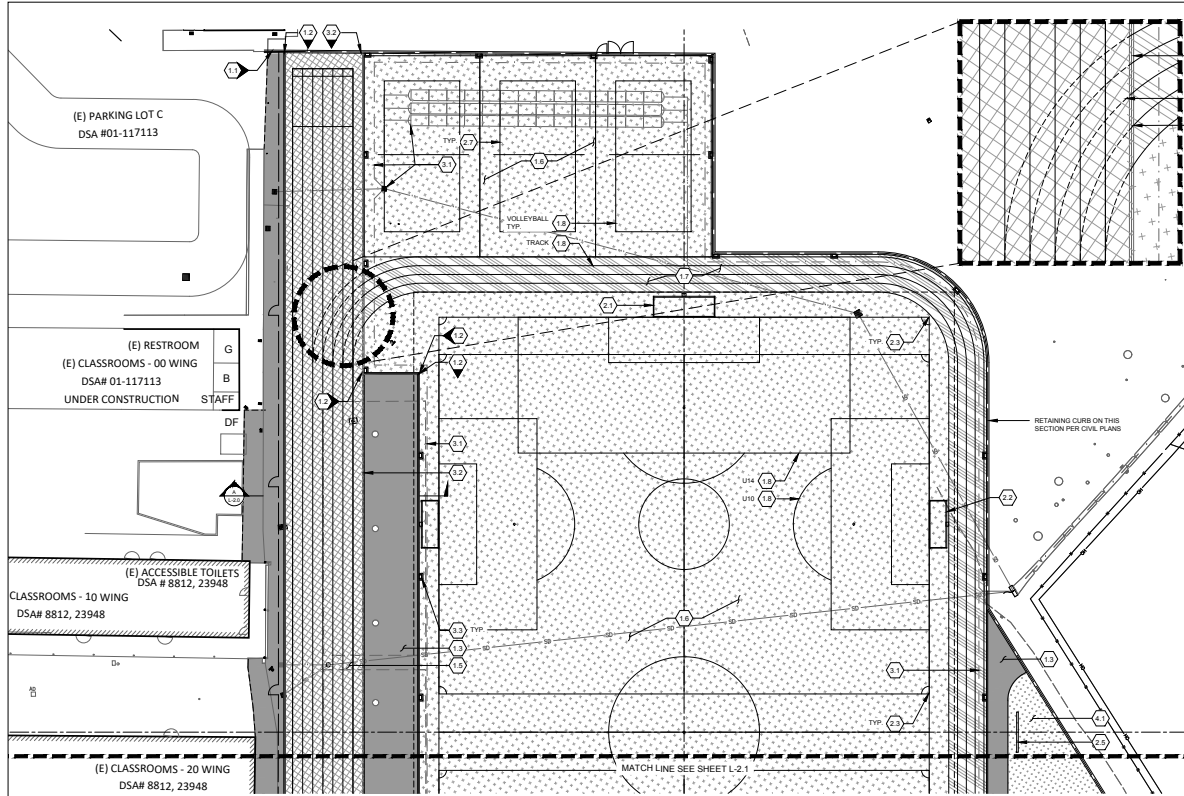
SHEET TITLE
LANDSCAPE DEMOLITION PLAN

DRAWN BY: BC JOB NUMBER: 21027 01
SHEET NO.
L-1.1

DATE: FEBRUARY 18, 2025



DATE PLOTTED: 7/26/2024 11:13:20 AM FILE LOCATION: C:\Users\landscap\Documents\21027 01_Soquel USD, New Brighton MS Track & Field, landscape.rvt



GRAPHIC LEGEND

SYMBOL	ITEM	SYMBOL	ITEM
XL-0.0	DETAIL REFERENCE	[Pattern]	ASPHALT PAVING PER NOTE 1.2
[Symbol]	SHEET REFERENCE	[Pattern]	SYNTHETIC TURF COLOR A PER NOTE 1.3
[Symbol]	SITE REFERENCE	[Pattern]	SYNTHETIC TURF COLOR B PER NOTE 1.4
[Symbol]	MATCHLINE	[Pattern]	ALL-WEATHER TRACK SURFACING OVER ASPHALT PAVING PER NOTE 1.5
[Symbol]	12" CONCRETE CURB WITH FENCE PER ARCHITECT	[Pattern]	SDO REPAIR PER NOTE 1.1
[Symbol]	6" CONCRETE CURB PER NOTE 1.2		
[Symbol]	TRACK TRENCH DRAIN PER		
[Symbol]	CHAIN LINK FENCE PER ARCHITECT		
[Symbol]	DOUBLE GATE PER ARCHITECT		
[Symbol]	SINGLE GATE PER ARCHITECT		

SITE SCHEDULE

DETAIL 1.0 FLATWORK

- EL-5.0 1.1 12" CONCRETE CURB TO BE STANDARD PC CONCRETE WITH MEDIUM BROOM FINISH PERPENDICULAR TO BAND LENGTH. COLOR: STANDARD GREY
- EL-5.0 1.2 6" CONCRETE CURB TO BE STANDARD PC CONCRETE WITH MEDIUM BROOM FINISH PERPENDICULAR TO BAND LENGTH. COLOR: STANDARD GREY
- 1.3 ASPHALT PAVING PER CIVIL DRAWINGS
- 1.4 NOT USED
- BL-5.0 1.5 ALL WEATHER TRACK SURFACING OVER PEDESTRIAN ASPHALT PAVING TO BE SUPPLIED AND INSTALLED WITH TRACK STRIPPER PER SPECIFICATIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER DETAIL. COLOR TO BE PURPLE
- CL-5.0 1.6 SYNTHETIC TURF - COLOR A TO BE SUPPLIED AND INSTALLED WITH SOCCER AND VOLLEYBALL STRIPPER PER SPECIFICATIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER DETAIL. COLOR TO BE FIELD GREEN
- CL-5.0 1.7 SYNTHETIC TURF - COLOR B TO BE SUPPLIED AND INSTALLED WITH TRACK LANE STRIPPER PER SPECIFICATIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER DETAIL. COLOR TO BE PURPLE
- CL-5.0 1.8 SYNTHETIC TURF - JALAD OR TURFED FIELD STRIPPER TO BE SUPPLIED AND INSTALLED PER SPECIFICATIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER DETAIL. COLOR AND WIDTHS FOR VOLLEYBALL, SOCCER AND TRACK PER NOTE 14, THIS SHEET

DETAIL 2.0 SPORTS AND FITNESS

- EL-5.1 2.1 1/4" SOCCER GOAL AND MOBILITY KIT TO BE SPORTSFIELD SPECIALTIES REGULATION ROUND FACE SOCCER GOAL #SG24R WITH MOBILITY KIT #SGMR SMOBILE AND SG2S SOCCER GOAL SAFETY SYSTEM
- EL-5.1 2.2 1/4" SOCCER GOAL AND MOBILITY KIT TO BE SPORTSFIELD SPECIALTIES REGULATION ROUND FACE SOCCER GOAL #SG18R WITH MOBILITY KIT #SGMR SMOBILE AND SG2S SOCCER GOAL SAFETY SYSTEM
- FL-5.0 2.3 SOCCER CORNER FLAG AND SLEEVE TO BE SPORTSFIELD SPECIALTIES #SG68T1 KWIKGOAL INTERNATIONAL CORNER FLAG WITH GROUND SLEEVE (3 SETS OF 4, 12 TOTAL). LOCATE AT EACH CORNER OF STRIPED FIELD
- 2.4 NOT USED
- 2.5 SCOREBOARD TO BE DIKTRONICS '20-200F' COLOR AND SCREEN TBO. 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# 04-122194. REFER TO PC DRAWINGS FOR FOOTING REQUIREMENTS
- CL-5.1 2.6 LONG JUMP/TRIPLE JUMP RUNWAY AND SAND PIT TO BE SPORTSFIELD SPECIALTIES SPIRCH - JUMPFORM SAND PIT WITH SAND CATCHERS AND WEIGHTED VINYL COVER
- FL-5.1 2.7 VOLLEYBALL NET, POLES AND SAFETY PAD TO BE SPORTS IMPORTS B2 BEACH VOLLEYBALL SYSTEM. SYSTEM INCLUDES (6) B2-BASE UNITS, (6) SUT 1 BOLTS, (6) B2-SH-HP STATIC HOOK COLLAR POLES, (3) B2-SH-W-PW NET RATCHETS ATTACHED TO THREE OF THE POLES, (3) SVN-32K OUTDOOR NETS, (6) BPI POLE PADS, INSTALL PER DETAILS AND MANUFACTURER'S RECOMMENDATIONS
- 2.8 FITNESS EQUIPMENT TO BE PARALLEL BARS RELOCATED TO NEW LOCATION AS SHOWN ON PLANS

DETAIL 3.0 UTILITIES

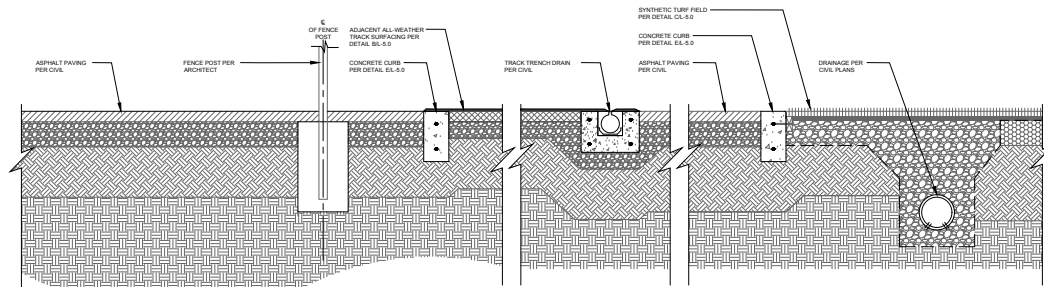
- 2.9 TRACK TRENCH DRAIN AND COLLAR AROUND PER CIVIL PLANS
- FL-5.0 3.1 UTILITY BOX REFER TO LANDSCAPE PLAN, L-4.0 FOR ADDITIONAL INFORMATION

DETAIL 4.0 MISCELLANEOUS

- AL-5.0 4.1 SDO REPLACEMENT TO BE REPAIRED 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

- ACCESS ROUTES AND STAGING AREAS ARE TO BE STRICTLY ADHERED TO.
- UPON COMPLETION OF ACCESS AND STAGING, THE SITE SHALL BE REPAIRED TO "AS WAS" OR BETTER THAN EXISTING CONDITIONS.
- 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.
- ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD AND CHALKED, STRING LINED, OR FLAGGED PRIOR TO ANY CONSTRUCTION. IMMEDIATELY NOTIFY OWNERS REPRESENTATIVE OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS AS DRAWN AND RE-DIRECT WORK TO AVOID DELAY.
- ALL DIMENSION LINES ARE EITHER PERPENDICULAR TO OR PARALLEL TO THE ELEMENT FROM WHICH IT IS DIMENSIONED UNLESS OTHERWISE INDICATED ON THE PLANS.
- THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM TO EXISTING CONDITIONS IN A SMOOTH AND UNIFORM MANNER.
- ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND INSPECTED BY OWNERS REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.
- THE CONTRACTOR SHALL ENSURE THE SITE IS SECURE AT ALL TIMES AND LOCKED DURING NON-CONSTRUCTION ACTIVITIES.
- ALL FENCES AND GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS. REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATIONS.
- CONCRETE FINISHES SHALL BE PER SPECIFICATIONS UNLESS OTHERWISE NOTED ON PLANS.



A ALL-WEATHER TRACK SECTION
SCALE: 1" = 1'-0"

AGENCY APPROVAL: **DSAE** 01-121730

IDENTIFICATION STAMP
OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR
SD 2 PLS ACS
DATE: 8/13/2025

19.6

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ARCHITECT STAMP

CONSULTANT STAMP
LANDSCAPE ARCHITECT
No. 2805
Exp. 1-31-26
J. L. E. THOMAS
OF CALIFORNIA

NO.	DATE	DESCRIPTION

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PROJECT OWNER & TITLE
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620 Monterey Avenue
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SHEET TITLE

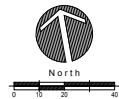
SITE PLAN

DRAWN BY: BC JOB NUMBER: 21027-01

SHEET NO.

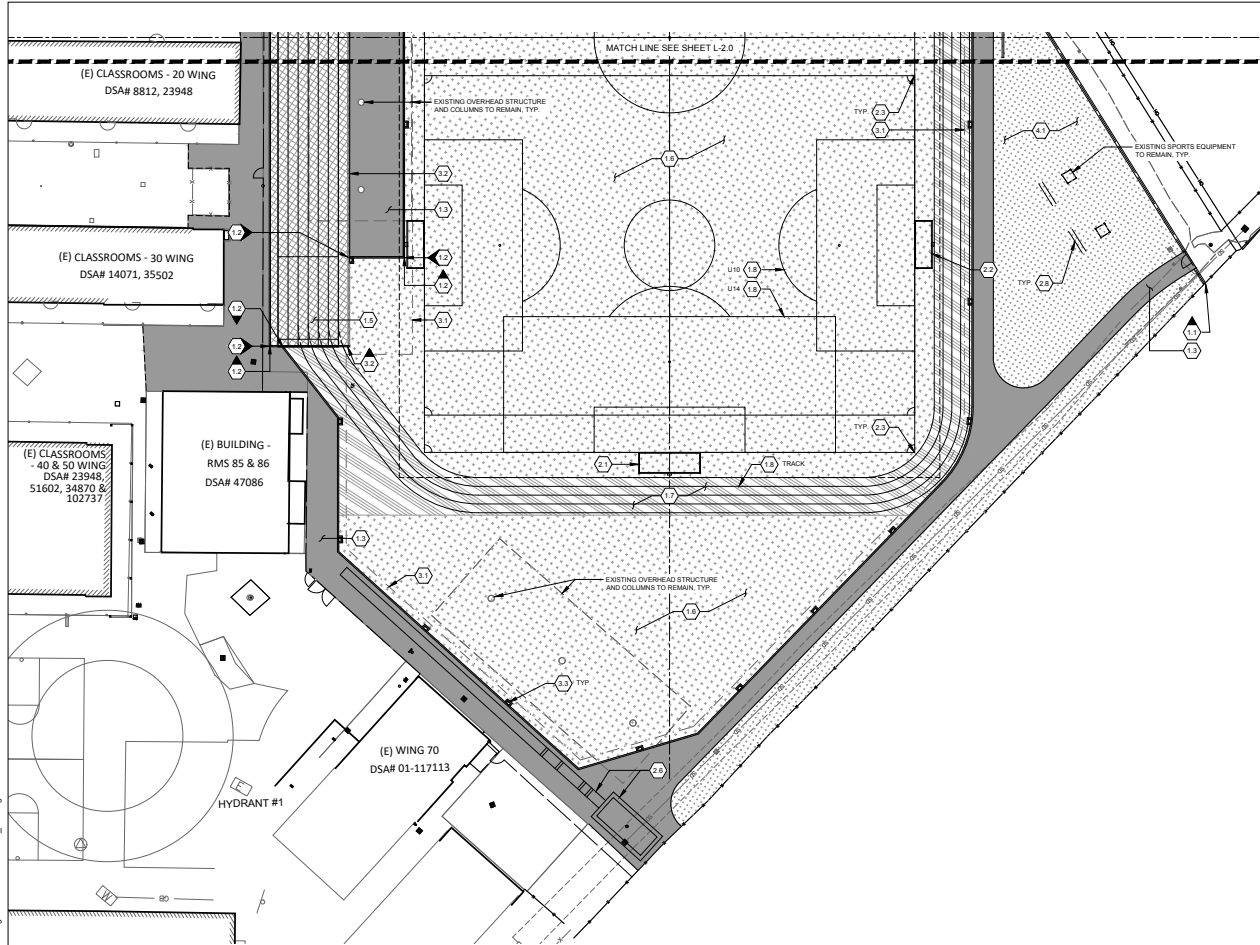
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DATE: FEBRUARY 18, 2025



PROJECT STATUS

DATE PLOTTED: 7/29/2024 11:13:20 AM FILE LOCATION: C:\Users\lndigital\Documents\210227 01_Soquel USD, New Brighton MS Track & Field, ndigital.rvt



GRAPHIC LEGEND

SYMBOL	ITEM
XL-0.0	DETAIL REFERENCE
0.0	SHEET REFERENCE
0.0	SITE REFERENCE
---	MATCHLINE
---	12" CONCRETE CURB WITH FENCE PER ARCHITECT
---	8" CONCRETE CURB PER NOTE 1.2
---	TRACK TRENCH DRAIN PER NOTE 1.3
---	CHAIN LINK FENCE PER ARCHITECT
---	DOUBLE GATE PER ARCHITECT
---	SINGLE GATE PER ARCHITECT
---	ASPHALT PAVING PER NOTE 1.3
---	SYNTHETIC TURF COLOR A PER NOTE 1.4 (+/- 28,200 SQFT)
---	SYNTHETIC TURF COLOR B PER NOTE 1.4 (+/- 16,800 SQFT)
---	ALL-WEATHER TRACK SURFACING OVER ASPHALT PAVING PER NOTE 1.5 (+/- 12,800 SQFT)
---	SOD REPAIR PER NOTE 1.1 (+/- 28,200 SQFT)

SITE SCHEDULE

DETAIL	ITEM
EL-5.0	1.0 FLATWORK
EL-5.0	1.1 12" CONCRETE CURB TO BE STANDARD PC CONCRETE WITH MEDIUM BROOM FINISH PERPENDICULAR TO BAND LENGTH. COLOR: STANDARD GREY
EL-5.0	1.2 8" CONCRETE CURB TO BE STANDARD PC CONCRETE WITH MEDIUM BROOM FINISH PERPENDICULAR TO BAND LENGTH. COLOR: STANDARD GREY
AL-5.0	1.3 ASPHALT PAVING PER CIVIL DRAWINGS
AL-5.0	1.4 NOT USED
BL-5.0	1.5 ALL WEATHER TRACK SURFACING OVER PEDESTRIAN ASPHALT PAVING TO BE SUPPLIED AND INSTALLED WITH TRACK STRIPING PER SPECIFICATIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER DETAIL. COLOR TO BE PURPLE
CL-5.0	1.6 SYNTHETIC TURF - COLOR A TO BE SUPPLIED AND INSTALLED WITH SOCCER AND VOLLEYBALL STRIPING PER SPECIFICATIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER DETAIL. COLOR TO BE FIELD GREEN
CL-5.0	1.7 SYNTHETIC TURF - COLOR B TO BE SUPPLIED AND INSTALLED WITH TRACK LANE STRIPING PER SPECIFICATIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER DETAIL. COLOR TO BE PURPLE
CL-5.0	1.8 SYNTHETIC TURF - INLAND OR TUFTED FIELD STRIPING TO BE SUPPLIED AND INSTALLED PER SPECIFICATIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PER DETAIL. COLOR AND WIDTH FOR VOLLEYBALL, SOCCER AND TRACK PER NOTE 14, THIS SHEET
DETAIL	2.0 SPORTS AND FITNESS
EL-5.1	2.1 U10 SOCCER GOAL AND MOBILITY KIT TO BE SPORTSFIELD SPECIALTIES REGULATION ROUNDFACE SOCCER GOAL #SG24R WITH MOBILITY KIT #SGMR IGMOBILE AND SG2S SOCCER GOAL SAFETY SYSTEM
EL-5.1	2.2 U10 SOCCER GOAL AND MOBILITY KIT TO BE SPORTSFIELD SPECIALTIES REGULATION ROUNDFACE SOCCER GOAL #SG61R WITH MOBILITY KIT #SGMR IGMOBILE AND SG2S SOCCER GOAL SAFETY SYSTEM
FL-5.0	2.3 SOCCER CORNER FLAG AND SLEEVE TO BE SPORTSFIELD SPECIALTIES #SG6870 KWINGOAL INTERNATIONAL CORNER FLAG WITH GROUND SLEEVE (3 SETS OF 4, 12 TOTAL), LOCATE AT EACH CORNER OF STRIPED FIELD
FL-5.0	2.4 NOT USED
FL-5.0	2.5 SCOREBOARD TO BE DAKTRONICS '50-2008' COLOR AND SCREEN T80. 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# 04-122194
CL-5.1	2.6 REFER TO PC DRAWINGS FOR FOOTING REQUIREMENTS
CL-5.1	2.7 LONG JUMP/SHIPLEY JUMP RUNWAY AND SAND PIT TO BE SPORTSFIELD SPECIALTIES #SPSCHS - JUMPFORMS SAND PIT WITH SAND CATCHERS AND WEIGHTED VINYL COVER
FL-5.1	2.8 VOLLEYBALL NET, POLES AND SAFETY PADS TO BE SPORTS IMPORTS B2 BEACH VOLLEYBALL SYSTEM. SYSTEM INCLUDES: (5) B2-BASE UNITS, (6) 5/17" BOLTS, (5) B2-SH-HP STATIC HOOK COLLAR POLES, (3) B2-SH-W-PW NET RATCHETS ATTACHED TO THREE OF THE POLES, (3) 5/16"-3XK OUTDOOR NETS, (6) BPI POLE PADS. INSTALL PER DETAILS AND MANUFACTURER'S RECOMMENDATIONS
FL-5.0	2.9 FITNESS EQUIPMENT TO BE PARALLEL BARS RELOCATED TO NEW LOCATION AS SHOWN ON PLANS
DETAIL	3.0 UTILITIES
FL-5.0	3.1 DRAINAGE SYSTEM PER CIVIL PLANS
FL-5.0	3.2 TRACK TRENCH DRAIN AND COLLAR AROUND PER CIVIL PLANS
FL-5.0	3.3 UTILITY BOX REFER TO LANDSCAPE PLAN, L-4.0 FOR ADDITIONAL INFORMATION
DETAIL	4.0 MISCELLANEOUS
AL-5.0	4.1 SOD REPLACEMENT TO BE REPAIRED 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

- ACCESS ROUTES AND STAGING AREAS ARE TO BE STRICTLY ADHERED TO.
- UPON COMPLETION OF ACCESS AND STAGING, THE SITE SHALL BE REPAIRED TO "AS WAS" OR BETTER THAN EXISTING CONDITIONS.
- 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.
- ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD AND CHALKED, STRINGS LINED, OR FLAGGED PRIOR TO ANY CONSTRUCTION. IMMEDIATELY NOTIFY OWNERS REPRESENTATIVE OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS AS DRAWN AND REDIRECT WORK TO AVOID DELAY.
- ALL DIMENSION LINES ARE EITHER PERPENDICULAR TO OR PARALLEL TO THE ELEMENT FROM WHICH IT IS DIMENSIONED UNLESS OTHERWISE INDICATED ON THE PLANS.
- THE INTERFERENCE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM TO EXISTING CONDITIONS IN A SMOOTH AND UNIFORM MANNER.
- ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND INSPECTED BY OWNERS REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.
- THE CONTRACTOR SHALL ENSURE THE SITE IS SECURE AT ALL TIMES AND LOCKED DURING NON-CONSTRUCTION ACTIVITIES.
- ALL FENCES AND GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS. REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATIONS.
- CONCRETE FINISHES SHALL BE PER SPECIFICATIONS UNLESS OTHERWISE NOTED ON PLANS.

AGENCY APPROVAL: 0562 01-121730

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR:
30 PLS. ACS
DATE: 01/12/2025

19.6

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CIVIL ENGINEERS
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ARCHITECT STAMP CONSULTANT STAMP



NO.	DATE	DESCRIPTION

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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

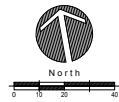
SHEET TITLE

SITE PLAN

DRAWN BY: BC JOB NUMBER: 21027.01

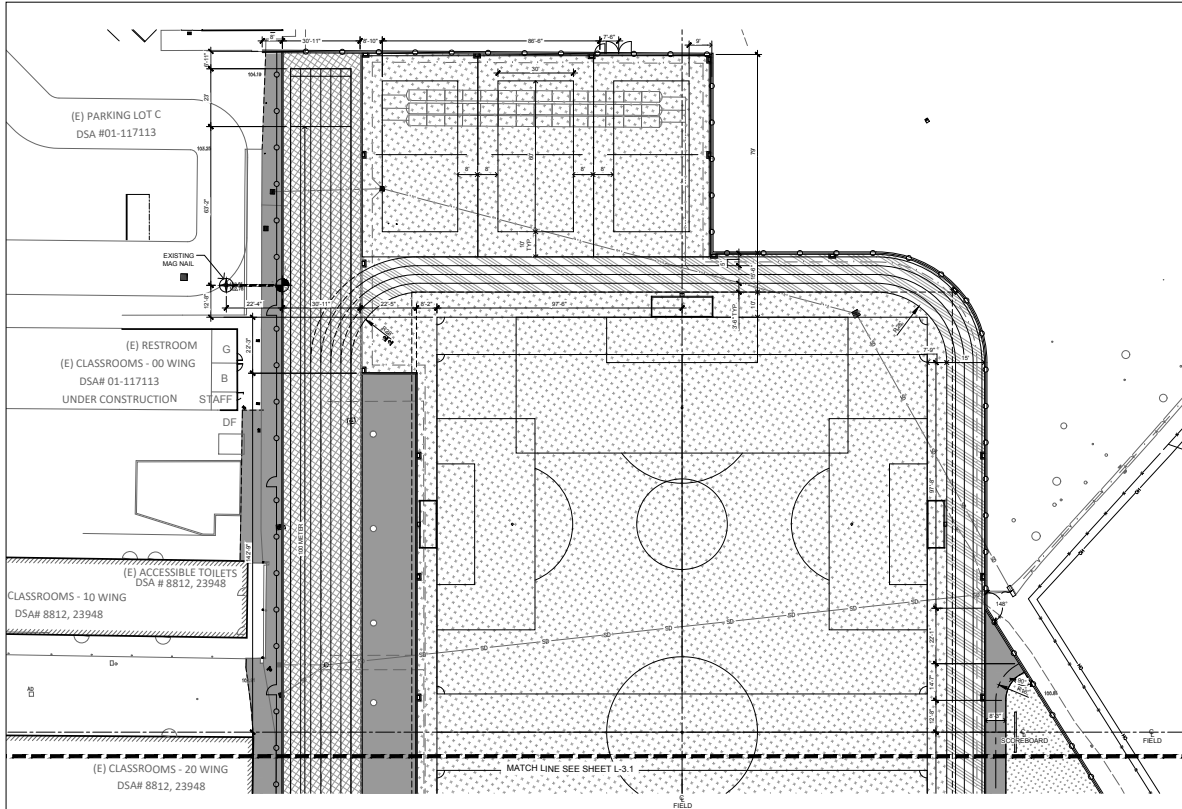
SHEET NO.

L-2.1
DATE: FEBRUARY 18, 2025



PROJECT STATUS

DATE PLOTTED: 7/29/2024 11:13:20 AM FILE LOCATION: C:\Users\randallgall\Documents\21027 01_Soquel USD_New Brighton MS Track & Field_rndallgall.rvt



LAYOUT LEGEND

SYMBOL	DESCRIPTION
	LINEAR DIMENSION
	RADIUS DIMENSION
	CENTERLINE
	POINT OF ORIGIN
	GRID LAYOUT BASELINE, PERPENDICULAR AXIS
	MATCH ALIGNMENT
	FLUSH CONDITION
	DIMENSION EXTENSION LINE

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 CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNERS REPRESENTATIVE IMMEDIATELY SHOULD A DISCREPANCY ARISE AND RE-DIRECT WORK TO AVOID DELAY.
2. THE INTERFACE OF ALL PROPOSED 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, STRING, LINE OR FLAG LAYOUT PRIOR TO CONSTRUCTION. ALL ADJUSTMENTS MADE IN THE FIELD TO ACHIEVE THE OVERALL DESIGN SHALL BE APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO CONSTRUCTION.
4. POINT OF BEGINNING FOR ALL CURBS AND STRIPING TO BE CENTER.
5. REFER TO DETAILS FOR ADDITIONAL COURT LAYOUTS.
6. ALL LAYOUT AND GRADES SHALL BE COMPLETED 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 LAYOUT INFORMATION.
12. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS, INCLUDING SEAMING PLANS, FOR SYNTHETIC TURF SYSTEM. ALL FIELDS SHOWN SHALL COMPLY WITH CURRENT STANDARDS SET FORTH BY THE NATIONAL FEDERATION OF STATE HIGH SCHOOLS ASSOCIATION AND THE CALIFORNIA INTERSCHOOLASTIC FEDERATION.
14. SYNTHETIC TURF STRIPING:
 - a. SOCCER LINES - MARKINGS SHALL BE IN-LAID OR TUFTED, 4" WIDE, YELLOW.
 - b. SOCCER GOAL - MARKINGS SHALL BE IN-LAID OR TUFTED, 4" WIDE, WHITE.
 - c. TENNIS LINES - MARKINGS SHALL BE IN-LAID OR TUFTED, 4" WIDE, WHITE.
 - d. VOLLEYBALL COURT - MARKINGS SHALL BE IN-LAID OR TUFTED, 4" WIDE, WHITE.
 - e. LONG JUMP TRIPLE JUMP - MARKINGS SHALL BE IN-LAID OR TUFTED, 4" WIDE, WHITE.
 - f. LONG JUMP TRIPLE JUMP - MARKINGS SHALL BE IN-LAID OR TUFTED, 4" WIDE, WHITE.

AGENCY APPROVAL: DSA# 01-121730

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR:
SS 01 PLS 02 ACS 03
DATE: 01/10/2025

19.6

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ARCHITECT STAMP

CONSULTANT STAMP



REVISIONS

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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

LAYOUT PLAN

DRAWN BY: BC JOB NUMBER: 21027 01

SHEET NO.

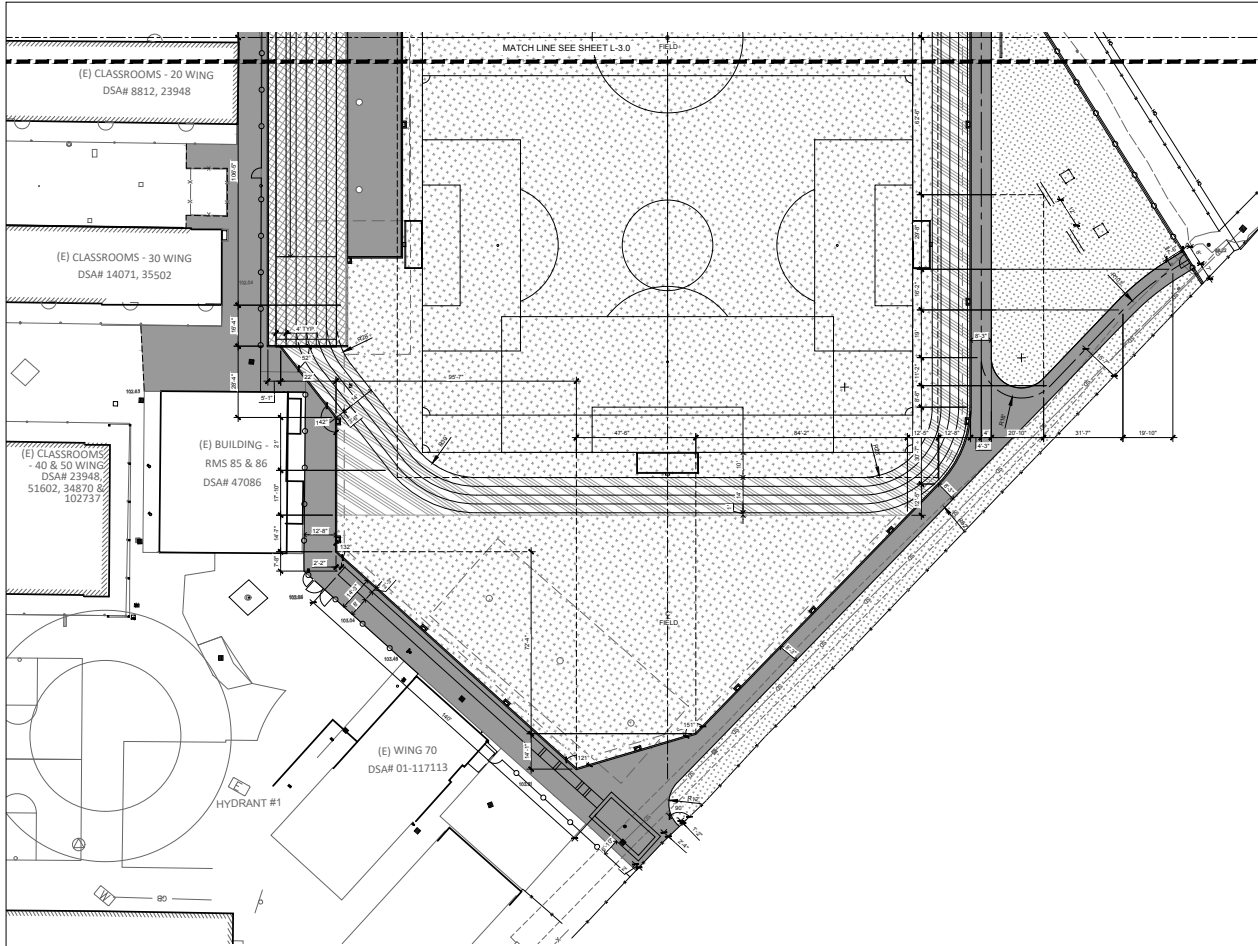
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DATE: FEBRUARY 18, 2025



PROJECT STATUS

DATE PLOTTED: 7/29/2024 11:13:20 AM FILE LOCATION: C:\Users\lndangel\Documents\21027 01_Soquel USD - New Brighton MS Track & Field - ndangel.rvt



LAYOUT LEGEND

SYMBOL	DESCRIPTION
X	LINEAR DIMENSION
30°	RADIUS DIMENSION
+	CENTERLINE
+	POINT OF ORIGIN
+	GRID LAYOUT BASELINE, PERPENDICULAR AXIS
+	MATCH ALIGNMENT
+	FLUSH CONDITION
---	DIMENSION EXTENSION LINE

- LAYOUT AND SYNTHETIC TURF NOTES**
- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITY AND ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNERS REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND RE-DIRECT WORK TO AVOID DELAY.
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 - POINT OF BEGINNING FOR ALL CURBS AND STRIPING TO BE CENTER.
 - REFER TO DETAILS FOR ADDITIONAL COURT LAYOUTS.
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 - SYNTHETIC TURF STRIPING:
 - SOCCER FIELD - MARKINGS SHALL BE IN-LAID OR TUFTED, 4" WIDE, YELLOW.
 - SOCCER GOAL - MARKINGS SHALL BE IN-LAID OR TUFTED, 4" WIDE, WHITE.
 - TRACK LINES - MARKINGS SHALL BE IN-LAID OR TUFTED, 4" WIDE, WHITE.
 - VOLLEYBALL COURT - MARKINGS SHALL BE IN-LAID OR TUFTED, 4" WIDE, WHITE.
 - LONG JUMP TRIPLE JUMP - MARKINGS SHALL BE IN-LAID OR TUFTED, 4" WIDE, WHITE.
 - WHITE PAINT OR BUSHES TO BE IN-LAID OR TUFTED, 4" LONG BY 10" WIDE, WHITE.

AGENCY APPROVAL: DSA# 01-121730

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR
SS ACS
DATE: 01/10/2025

19.6

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ARCHITECT STAMP CONSULTANT STAMP



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

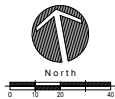
New Brighton Middle School - Natural Field to Artificial Turf
250 Washburn Avenue,
Capitola, CA 95010

SHEET TITLE

LAYOUT PLAN

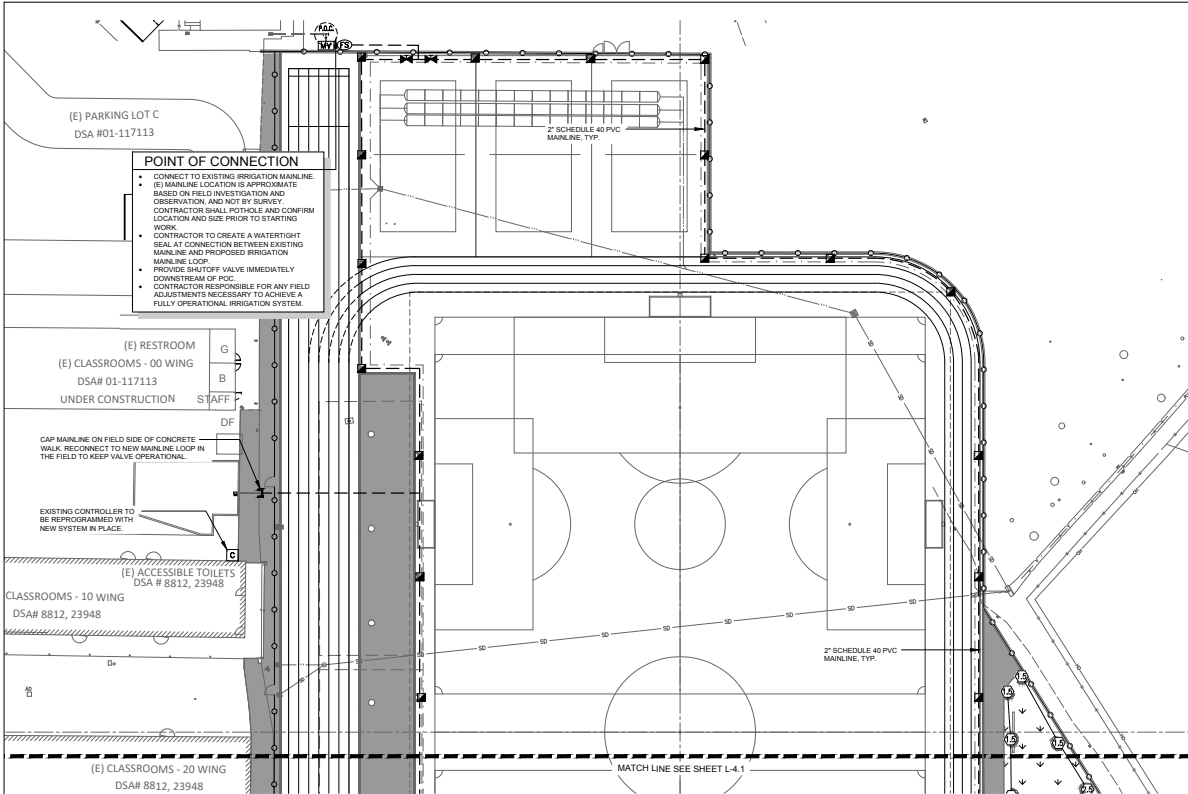
DRAWN BY: BC JOB NUMBER: 21027 01
SHEET NO.

L-3.1
DATE: FEBRUARY 18, 2025



PROJECT STATUS

DATE PLOTTED: 7/29/2024 11:13:20 AM FILE LOCATION: C:\Users\landscap\Documents\210277-01_Soquel USD, New Brighton MS Track & Field, ndanagat.rvt



POINT OF CONNECTION

- CONNECT TO EXISTING IRRIGATION MAINLINE.
- (S) MAINLINE LOCATION IS APPROXIMATE BASED ON FIELD INVESTIGATION AND OBSERVATION, AND NOT BY SURVEY. CONTRACTOR SHALL FORTHOUS AND CONFIRM LOCATION AND SIZE PRIOR TO STARTING WORK.
- CONTRACTOR TO CREATE A WATERTIGHT SEAL AT CONNECTION BETWEEN EXISTING MAINLINE AND PROPOSED IRRIGATION MAINLINE LOOP.
- PROVIDE SHUTOFF VALVE IMMEDIATELY DOWNSTREAM OF P.O.C.
- CONTRACTOR RESPONSIBLE FOR ANY FIELD ADJUSTMENTS NECESSARY TO ACHIEVE A FULLY OPERATIONAL IRRIGATION SYSTEM.

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	QTY	DETAIL
TREES					
	PRD	PISTACHIA CHINENSIS / KEITH DAVEY / KEITH DAVEY CHINESE PISTACHE	36"BOX	8	LL-6.0
GROUND COVERS					
	TS	TURF SOD BOLLERO PLUS / FESCUE BLEND - CONFIRM SOD TYPE WITH THE DISTRICT BEFORE PROCUREMENT AND INSTALLATION	SOD	10,768 SF	AL-6.0

PLANTING NOTES

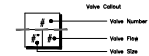
- PLANT COUNTS SHOWN ARE FOR BIDDING REFERENCE ONLY. CONTRACTOR SHALL SUPPLY ALL PLANTS REQUIRED TO FULFILL DESIGN INTENT AS SHOWN. ADDITIONALLY, IF A GROUNDCOVER SYMBOL OR PATTERN IS SHOWN STOPPING AT THE EDGE OF A TREE OR SHRUB CANOPY SYMBOL, THE INTENT IS THAT THE GROUNDCOVER CONTINUE UNDERNEATH THE CANOPY SYMBOLS TO PROVIDE AN EVENLY COVERED GROUND PLANE WHILE MAINTAINING APPROPRIATE BUFFER AROUND TREE TRUNK.
- CONTRACTOR SHALL 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.
- CONTRACTOR SHALL PLACE PLANT MATERIALS SO 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 SET OUT PLANT MATERIAL IN THEIR CONTAINERS AS SHOWN AND RECEIVE ACCEPTANCE FROM PROJECT MANAGER WITH RESPECT TO PLANT HEALTH, APPEARANCE AND LOCATION PRIOR TO INSTALLATION. CONTRACTOR SHALL GIVE A MINIMUM OF 4 WORKING DAY NOTICE FOR INSPECTION/OBSERVATION AND SHALL HAVE ALL MATERIAL IN SPECIFIED LOCATIONS FOR REVIEW AT THE TIME.
- ALL NON-TURF PLANTING AREAS SHALL RECEIVE A PRE-EMERGENT HERBICIDE TREATMENT AND A 3" LAYER OF NATURAL COLOR PRO CHIP MULCH TOP DRESS (1-3" PECS-SUBMIT SAMPLES). REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ALL PLANTING AREAS SHALL BE MAINTAINED IN A WEED FREE CONDITION UNTIL PROJECT ACCEPTANCE.
- PLANTS CAN BE INSPECTED AND REJECTED UPON DELIVERY.

SHADE TREE REQUIREMENTS

TOTAL PROJECT AREA DESIGNATED AS PLAYFIELD FOR ORGANIZED SPORT ACTIVITY. PER DISA 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	PSI	DETAIL
RAIN BIRD				
	HUNTER MP CORNER PROS-06-PR840-CV TURF ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PR840 BODY. T-TURQUOISE ADJ. ARC 45-105	4	40	JL-6.0
	HUNTER MP1000 PROS-06-PR840-CV TURF ROTATOR, 6IN. POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PR840 BODY. M-MAROON ADJ. ARC 90 TO 210, L-LIGHT BLUE 210 TO 270 ARC. CHSOLVE 360 ARC.	36	40	
	RAIN BIRD RWS-B-C 1400 SERIES ROOT WATERING SYSTEM WITH 4.0IN. DIAMETER X 38.0IN. LONG WITH LOCKING GRATE, SEMI-RIGID MESH TUBE, AND CHECK VALVE. RAIN BIRD BUBBLER OPTION AS INDICATED: 1401: 0.55 GPM, 1402: 0.5 GPM, 1404: 1.0 GPM, 1408: 2.0 GPM.	16	40	HL-6.0
MANUFACTURER/MODEL/DESCRIPTION				
	HUNTER I-20-06-PRB 1.5 TURF ROTOR, 6" POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. PRESSURE REGULATING BODY.	4	45 1.5	31'
	HUNTER I-20-06-PRB 2.0 TURF ROTOR, 6" POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. PRESSURE REGULATING BODY.	3	45 2	34'
	HUNTER I-20-06-PRB 2.5 TURF ROTOR, 6" POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. PRESSURE REGULATING BODY.	1	45 2.5	35'
	HUNTER I-20-06-PRB 4.0 TURF ROTOR, 6" POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. PRESSURE REGULATING BODY.	6	45 6	43'
SYMBOL				
	HUNTER IGV 1" 1-1/2" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET.	4		DL-6.0
	RAIN BIRD VALVIC 1/8" BRASS QUICK COUPLING VALVE, WITH CORROSION RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.	30		DL-6.0
	SHUT OFF VALVE KB 874-E PVC BLOCKED TRUE UNION BALL VALVE 1/2" TO 2" SAME SIZE AS PIPE	2		UL-6.0
	HUNTER IGV 2" 2" PLASTIC ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET.	1		KL-6.0
	EXISTING HUNTER CONTROLLER	1		KL-6.0
	CREATIVE SENSOR TECHNOLOGY FSL15-001 1.5" (40MM) PVC TEE TYPE FLOW SENSOR W/COCKET ENDS, CUSTOM MOUNTING TIE AND ULTRALIGHTWEIGHT IMPELLER ENHANCED LOW FLOW MEASUREMENT, 2 WIRE DIGITAL OUTPUT COMPATIBLE WITH IRRIGATION CONTROLLERS. FLOW RANGE 1.8-108 GPM	1		CL-6.0
POINT OF CONNECTION 2"				
IRRIGATION LATERAL LINE: PVC SCHEDULE 40				
IRRIGATION MAINLINE: PVC SCHEDULE 40				
EXISTING IRRIGATION MAINLINE				



IRRIGATION NOTES

- THIS SYSTEM IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF XX GALLONS PER MINUTE (GPM) AND A MIN. OF XX P.S.I. STATIC AT THE POINT OF CONNECTION (DOWNSTREAM OF BACKFLOW PREVENTER). THE CONTRACTOR SHALL VERIFY THE EXISTING SYSTEM GPM AND STATIC P.S.I. AT THE POINT OF CONNECTION TO THE PROPOSED IRRIGATION DESIGN PRIOR TO BEGINNING WORK AND CONTACT THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE WHILE RE-DIRECTING APPLICABLE WORK TO AVOID DELAY.
- CONTRACTOR SHALL COORDINATE ALL ELECTRICAL SUPPLY, TELEPHONE CONNECTION, GROUNDING, SLEEVING AND STUBOUT WORK REQUIRED FOR SYSTEM WITH THE GENERAL CONTRACTOR AND/OR OWNER'S REPRESENTATIVE AS APPLICABLE. CONTRACTOR RESPONSIBLE TO SUPPLY ALL SLEEVING NECESSARY TO ACCESS INDIVIDUAL PLANTER BEDS. NOT ALL REQUIRED SLEEVING MAY BE SHOWN ON PLAN.
- IRRIGATION SYSTEM DESIGN SHOWN 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 LOCATIONS OF ALL WORK INSTALLED DIFFERENTLY THAN AS SHOWN IN THE CONTRACT DOCUMENTS ON THE RECORD DRAWINGS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO IRRIGATION SYSTEM IN FIELD AS NECESSARY. VALVES SHALL BE ADJUSTED TO PROVIDE SPECIFIED PRESSURE AT THE HEAD.
- 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 CONTROLLER. AUTOMATICALLY. CONTRACTOR SHALL HAND-WATER AS MAY BE NECESSARY DURING PERIODS OF CONTROLLER SHUT-DOWN. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR THE OWNER TO MAKE ADJUSTMENTS TO THE CONTROLLER PROGRAM FOR SEASONAL WEATHER CHANGES AND MICROCLIMATIC VARIATIONS.
- EXISTING IRRIGATION CONTROLLER TO BE UTILIZED FOR PROPOSED IRRIGATION SYSTEM COMPONENTS. CONTRACTOR TO RUN IRRIGATION WIRE BACK TO EXISTING CONTROLLER TO REMAIN.
- CONTRACTOR TO FIELD VERIFY FUNCTION OF ALL EXISTING VALVES, MAINLINE 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 DURING AND AT COMPLETION OF CONSTRUCTION. NOTIFY OWNER OF ANY EXISTING EQUIPMENT THAT IS NON-FUNCTIONING AND REQUIRES REPLACEMENT PRIOR TO CONSTRUCTION.
- REFER TO IRRIGATION DETAIL SHEETS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

AGENCY APPROVAL: DSAG 01-121730

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR:
28 01 15 12 ACS
DATE: 8/11/2025

196

CONSULTANTS

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PROJECT AND SITE

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Capitola, CA 95010

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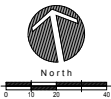
SHEET TITLE

LANDSCAPE PLAN

DRAWN BY: BC JOB NUMBER: 21027-01
SHEET NO.

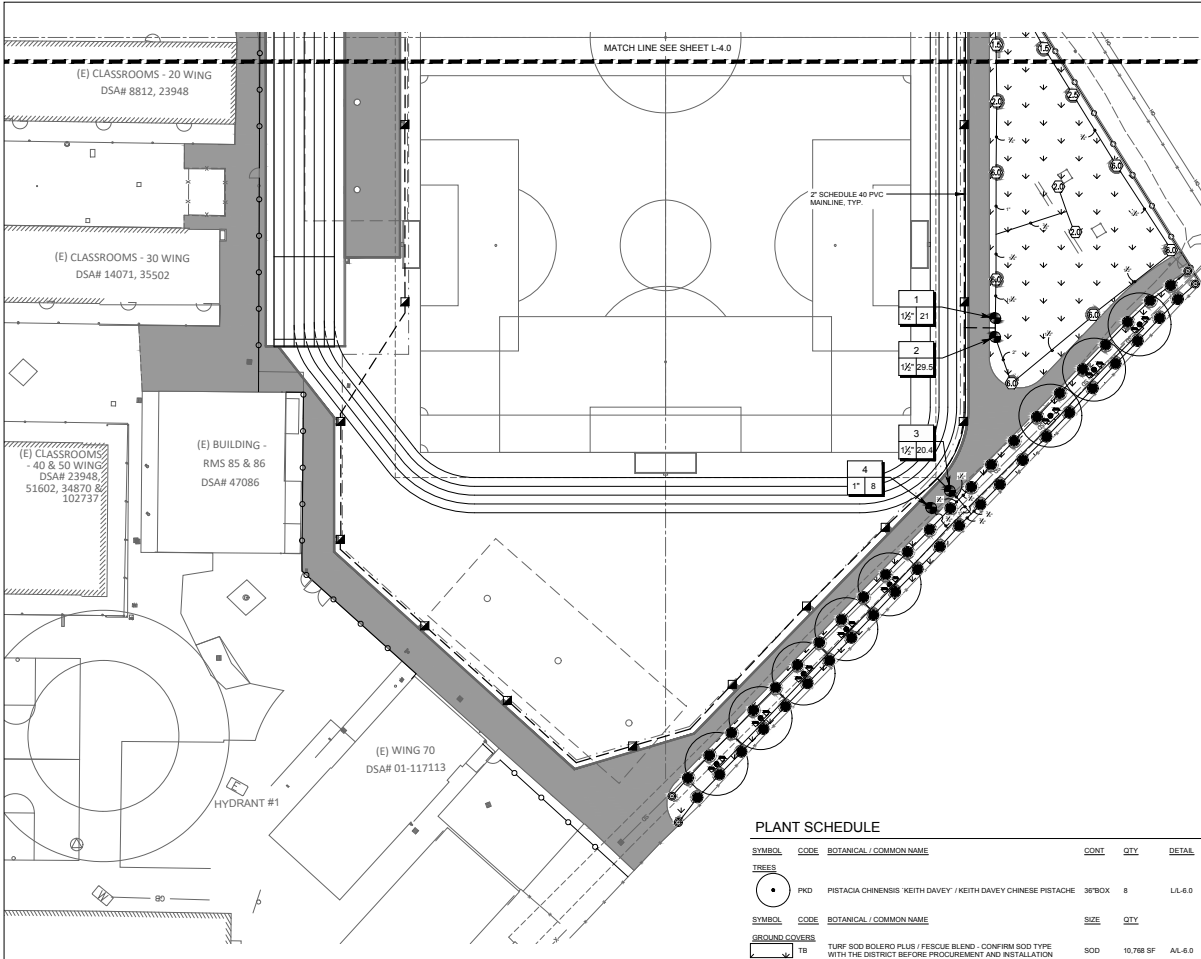
L-4.0

DATE: FEBRUARY 16, 2025



PROJECT STATUS

FILE LOCATION: C:\Users\landscap\Documents\21027.dwg - Sequel USD, New Brighton MS Track & Field, landscape.rvt DATE PLOTTED: 7/26/2024 11:13:20 AM



PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	QTY	DETAIL
TREES					
	PKD	PISTACIA CHINENSIS 'KEITH DAVEY' / KEITH DAVEY CHINESE PISTACHE	36"BOX	8	LL-6.0
GROUND COVERS					
	TB	TURF SOD BOLEERO PLUS / FESCUE BLEND - CONFIRM SOD TYPE WITH THE DISTRICT BEFORE PROCUREMENT AND INSTALLATION	SOD	10,768 SF	AL-6.0

PLANTING NOTES

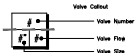
- PLANT COUNTS SHOWN ARE FOR BIDDING REFERENCE ONLY. CONTRACTOR SHALL SUPPLY ALL PLANTS REQUIRED TO FULFILL DESIGN INTENT AS SHOWN. ADDITIONALLY, IF A GROUND COVER SYMBOL OR PATTERN IS SHOWN STOPPING AT THE EDGE OF A TREE OR SHRUB CANOPY SYMBOL, THE INTENT IS THAT THE GROUND COVER CONTINUE UNDERNEATH THE CANOPY SYMBOLS TO PROVIDE AN EVENLY COVERED GROUND PLANE WHILE MAINTAINING APPROPRIATE BUFFER AROUND TREE TRUNK.
- CONTRACTOR SHALL 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.
- CONTRACTOR SHALL PLACE PLANT MATERIALS SO 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 SET OUT PLANT MATERIAL IN THEIR CONTAINERS AS SHOWN AND RECEIVE ACCEPTANCE FROM PROJECT MANAGER WITH RESPECT TO PLANT HEALTH, APPEARANCE AND LOCATION PRIOR TO INSTALLATION. CONTRACTOR SHALL GIVE A MINIMUM OF 2 WORKING DAY NOTICE FOR INSPECTION/OBSERVATION AND SHALL HAVE ALL MATERIAL IN SPECIFIED LOCATIONS FOR REVIEW AT ONE TIME.
- ALL NON-TURF PLANTING AREAS SHALL RECEIVE A PRE-EMERGENT HERBICIDE TREATMENT AND A 3" LAYER OF NATURAL COLOR PRO CHIP MULCH TOP DRESS (1-3" PIECES-SUBMIT SAMPLES). REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ALL PLANTING AREAS SHALL BE MAINTAINED IN A WEED FREE CONDITION UNTIL PROJECT ACCEPTANCE.
- 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	PSI	PSI	DETAIL
	HUNTER MP CORNER PROS-06-PR540-CV TURF ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE. PRESSURE REGULATED TO 40 PSI. MP ROTATOR NOZZLE ON PR540 BODY. 1-TURQUOISE ADJ. ARC-45 DEG.	4	40		JL-6.0
	HUNTER MP1000 PROS-06-PR540-CV TURF ROTATOR, 6IN. POP-UP WITH CHECK VALVE. PRESSURE REGULATED TO 40 PSI. MP ROTATOR NOZZLE ON PR540 BODY. AMARCON ADJ. ARC 90 TO 210. L-LIGHT BLUE 210 TO 270 ARC. CH-VALVE 360 ARC.	36	40		
	RAIN BIRD RWS 8-C 1400 SERIES ROOT WATERING SYSTEM WITH 4 IN. DIAMETER X 3/8 IN. LONG WITH LOCKING GRATE, SEMI-RIGID MESH TUBE, AND CHECK VALVE. RAIN BIRD RUBBER OPTION AS INDICATED: 140 0.5 GPM, 1402 0.5 GPM, 1404 1.0 GPM, 1408 2.0 GPM.	16	40		HL-6.0
SYMBOL					
	HUNTER 1.20-06-PRB 1.5 TURF ROTOR, 6" POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. PRESSURE REGULATING BODY.	4	45	1.5	31"
	HUNTER 1.20-06-PRB 2.0 TURF ROTOR, 6" POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. PRESSURE REGULATING BODY.	3	45	2	34"
	HUNTER 1.20-06-PRB 2.5 TURF ROTOR, 6" POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. PRESSURE REGULATING BODY.	1	45	2.5	35"
	HUNTER 1.20-06-PRB 3.0 TURF ROTOR, 6" POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. PRESSURE REGULATING BODY.	6	45	3	43"
SYMBOL					
	HUNTER ICI G 1" / 1/2" PLASTIC ELECTRIC REMOTE CONTROL VALVES. GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET.	4			DL-6.0
	RAIN BIRD ALIC 1IN. BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.	30			DL-6.0 EL-6.0
	SHUT OFF VALVE KBI BTU-E PVC BLOCKED TRUE UNION BALL VALVE 1/2" TO 2" SAME SIZE AS PIPE	2			IL-6.0
	HUNTER ICI G 2" 2" PLASTIC ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET.	1			KL-6.0
	EXISTING HUNTER CONTROLLER	1			KL-6.0
	CREATIVE SENSOR TECHNOLOGY FSI-115-001 1.5" (40MM) PVC TEE TYPE FLOW SENSOR W/ SOCKET ENDS, CUSTOM MOUNTING TIES AND ULTRA LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE WITH IRRIGATION CONTROLLERS. FLOW RANGE 1.8-108 GPM.	1			KL-6.0
	POINT OF CONNECTION 2"	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					



IRRIGATION NOTES

- THIS SYSTEM IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF XX GALLONS PER MINUTE (G.P.M.) AND A MIN. OF XX P.S.I. STATIC AT THE POINT OF CONNECTION (DOWNSTREAM OF BACKFLOW PREVENTER). THE CONTRACTOR SHALL VERIFY THE EXISTING SYSTEM GPM AND STATIC P.S.I. AT THE POINT OF CONNECTION TO THE PROPOSED IRRIGATION DESIGN PRIOR TO BEGINNING WORK AND CONTACT THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE WHILE RE-DIRECTING APPLICABLE WORK TO AVOID DELAY.
- CONTRACTOR SHALL COORDINATE ALL ELECTRICAL SUPPLY, TELEPHONE CONNECTION, GROUNDING, SLEEVING AND STUBOUT WORK REQUIRED FOR SYSTEM WITH THE GENERAL CONTRACTOR AND/OR OWNER'S REPRESENTATIVE AS APPLICABLE. CONTRACTOR RESPONSIBLE TO SUPPLY ALL SLEEVING NECESSARY TO ACCESS INDIVIDUAL PLANTER BEDS, NOT ALL REQUIRED SLEEVING MAY BE SHOWN ON PLAN.
- IRRIGATION SYSTEM DESIGN SHOWN 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 LOCATIONS OF ALL WORK INSTALLED DIFFERENTLY THAN AS SHOWN IN THE CONTRACT DOCUMENTS ON THE RECORD DRAWINGS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO IRRIGATION SYSTEM IN FIELD AS NECESSARY. VALVES SHALL BE ADJUSTED TO PROVIDE SPECIFIED PRESSURE AT THE HEAD.
- THE CONTRACTOR SHALL PROGRAM CONTROLLER TO INSURE PROPER IRRIGATION BASED ON PLANT TYPE, EXPOSURE AND SEASON. CONTRACTOR SHALL NOT START ANY PLANTING UNTIL IRRIGATION SYSTEM IS FULLY OPERATIONAL FROM THE CONTROLLER AUTOMATICALLY. CONTRACTOR SHALL HAND-WATER AS MAY BE NECESSARY DURING PERIODS OF CONTROLLER SHUT-DOWN. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR THE OWNER TO MAKE ADJUSTMENTS TO THE CONTROLLER PROGRAM FOR SEASONAL WEATHER CHANGES AND MICROCLIMATIC VARIATIONS.
- EXISTING IRRIGATION CONTROLLER TO BE UTILIZED FOR PROPOSED IRRIGATION SYSTEM COMPONENTS. CONTRACTOR TO RUN IRRIGATION WIRE BACK TO EXISTING CONTROLLER TO REMAIN.
- CONTRACTOR TO FIELD VERIFY FUNCTION OF ALL EXISTING VALVES, MAINLINE 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 DURING AND AT COMPLETION OF CONSTRUCTION. NOTIFY OWNER OF ANY EXISTING EQUIPMENT THAT IS NON-FUNCTIONING AND REQUIRES REPLACEMENT PRIOR TO CONSTRUCTION.
- REFER TO IRRIGATION DETAIL SHEETS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

AGENCY APPROVAL: DSA 01-121730

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR
25 01 PLS 02 ACS 02
DATE: 8/11/2025

19.6

CONSULTANTS

CIVIL ENGINEERS
CIVIL ENGINEERING, INC.
1101 S. Winchester Blvd., Suite 1104
San Jose, CA 95128
PH: (408) 261-9800 Mobile: (831) 588-2497

LANDSCAPE ARCHITECT
LANDSCAPE ARCHITECTS, INC.
801 POTRERO STREET, SUITE 40-C
SANTA CRUZ, CA 95060
TEL: (831) 459-0455 FAX: (831) 459-0464

ELECTRICAL ENGINEER
JOHN CORDELL ENGINEERS
404 W. Franklin Street, Suite 100
Monterey, CA 93940
TEL: (831) 646-3330 FAX: (831) 646-3336

ARCHITECT STAMP

CONSULTANT STAMP



REVISIONS

NO.	DATE	DESCRIPTION

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 ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.

PROJECT OWNER & TITLE
Sequel 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

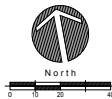
SHEET TITLE

LANDSCAPE PLAN

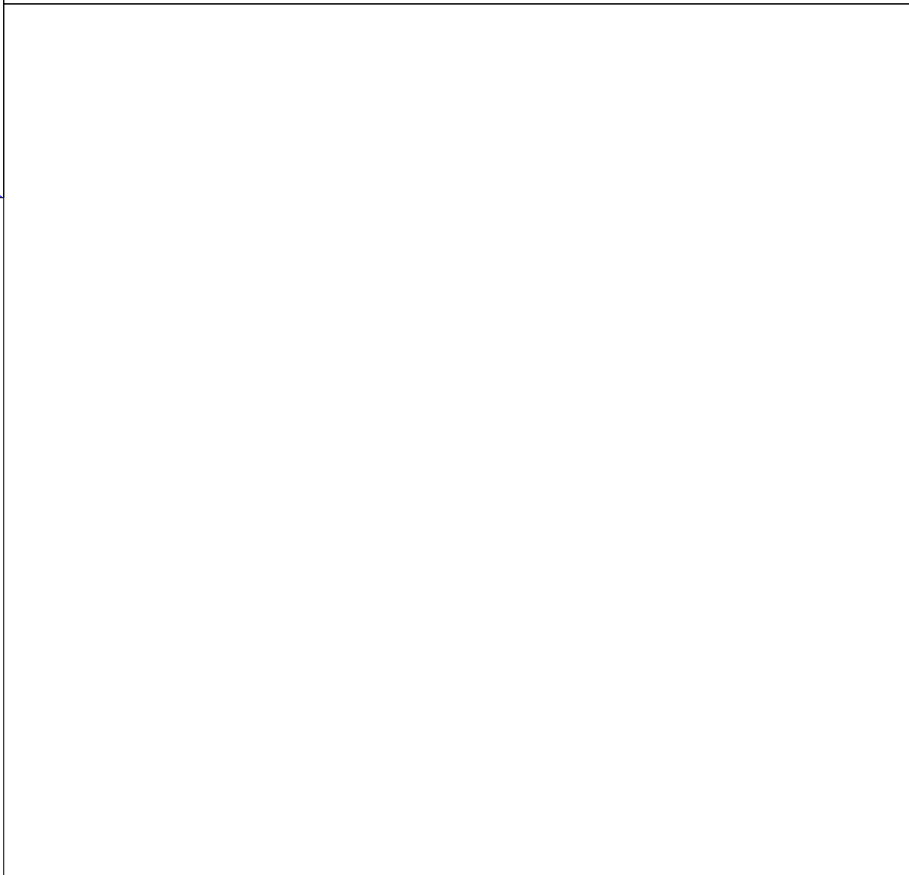
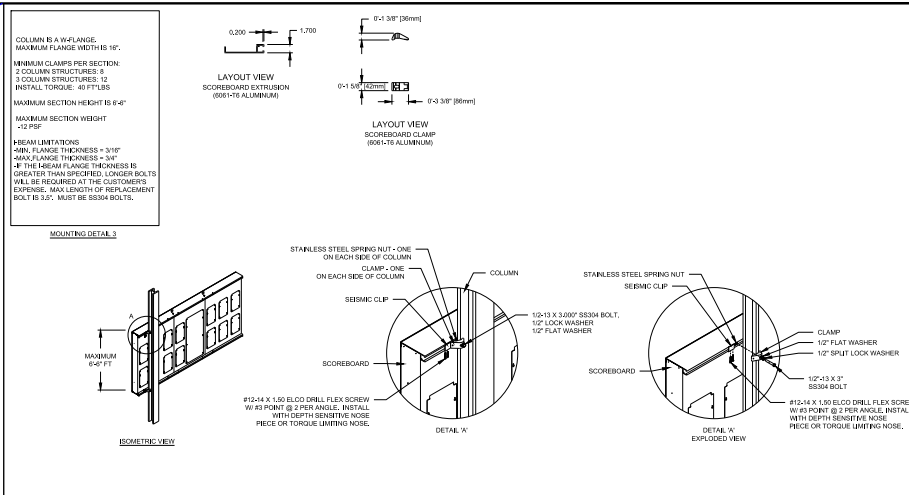
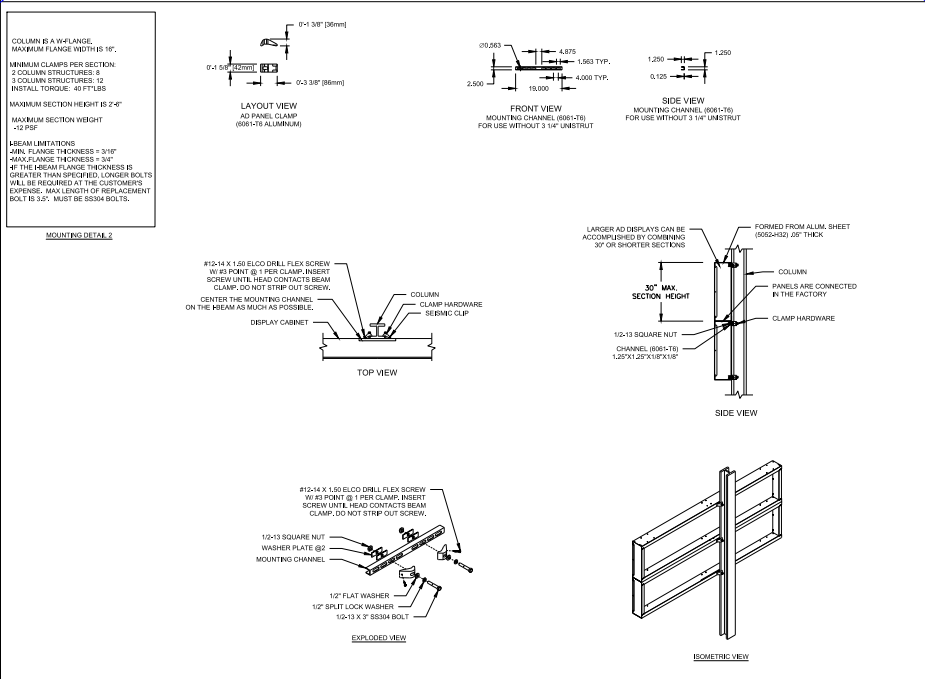
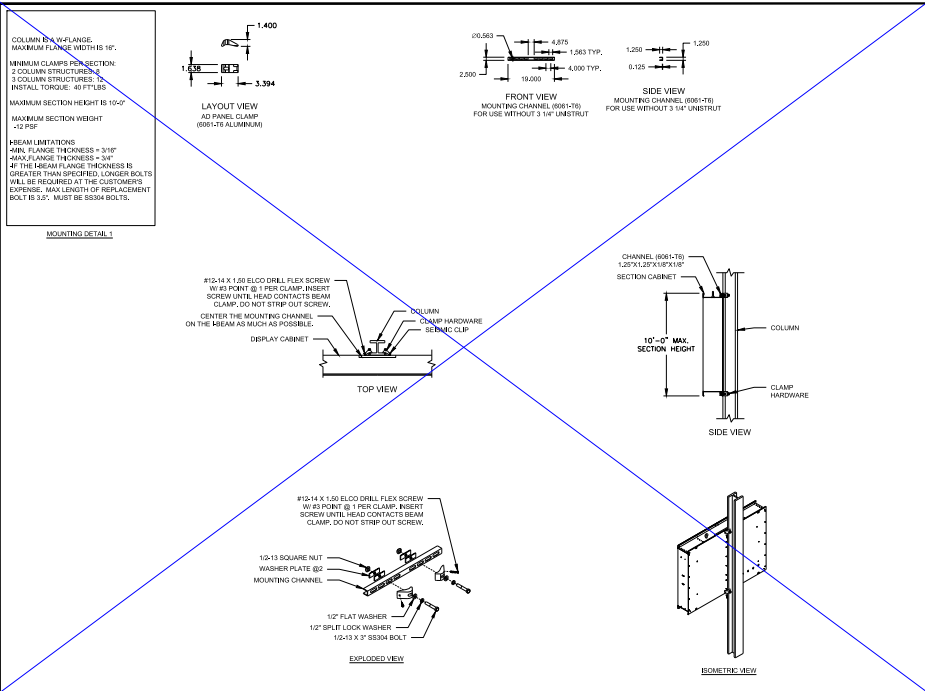
DRAWN BY: BC JOB NUMBER: 21027-01
SHEET NO.

L-4.1

DATE: FEBRUARY 18, 2025



PROJECT STATUS



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 4/11/2025

PRE-CHECK (PC) DOCUMENT

CODE: 2022 CBC

A SEPARATE PROJECT APPLICATION FOR
CONSTRUCTION IS REQUIRED.

VECTOR
INCORPORATED

WELLS L. HOLMES, S.E.
2521 W. GALENA PARK BLVD., STE. 101
SALT LAKE CITY, UT 84120
(801) 492-1775
(801) 990-1776 FAX



STRUCTURAL ENGINEER OF RECORD

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-182194 PC
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒ CG ☒
DATE: 09/18/2023

PROJECT-SPECIFIC APPROVALS

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

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DATE	09/18/2023	DATE	09/18/2023
APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
DATE	09/18/2023	DATE	09/18/2023
APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
DATE	09/18/2023	DATE	09/18/2023
APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
DATE	09/18/2023	DATE	09/18/2023
APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
DATE	09/18/2023	DATE	09/18/2023
APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
DATE	09/18/2023	DATE	09/18/2023
APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
DATE	09/18/2023	DATE	09/18/2023
APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
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APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
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APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
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APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
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APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
DATE	09/18/2023	DATE	09/18/2023
APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
DATE	09/18/2023	DATE	09/18/2023
APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> CG <input checked="" type="checkbox"/>
DATE	09/18/2023	DATE	09/18/2023
APP	04-182194 PC	REVIEWED FOR	SS <input checked="" type="checkbox"/> FLS

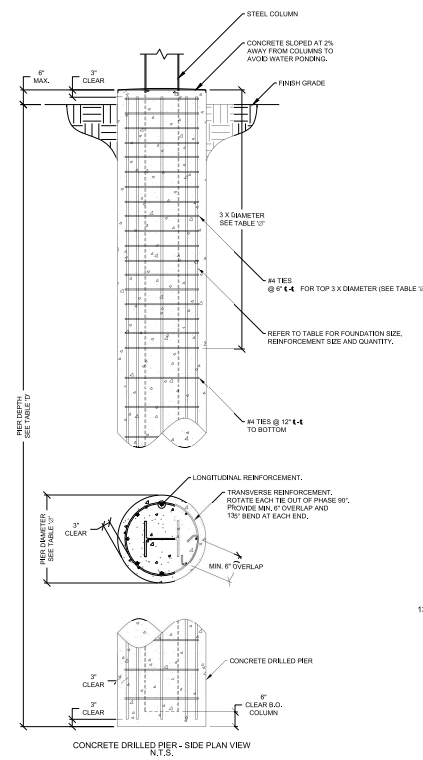
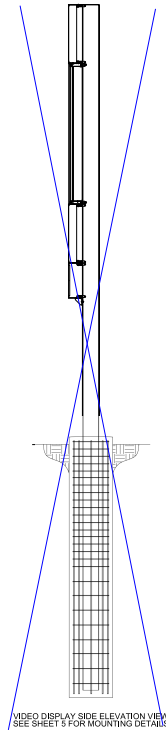
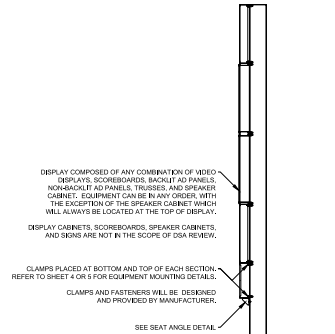
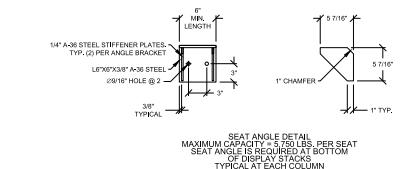
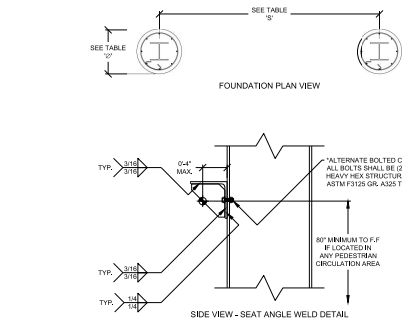
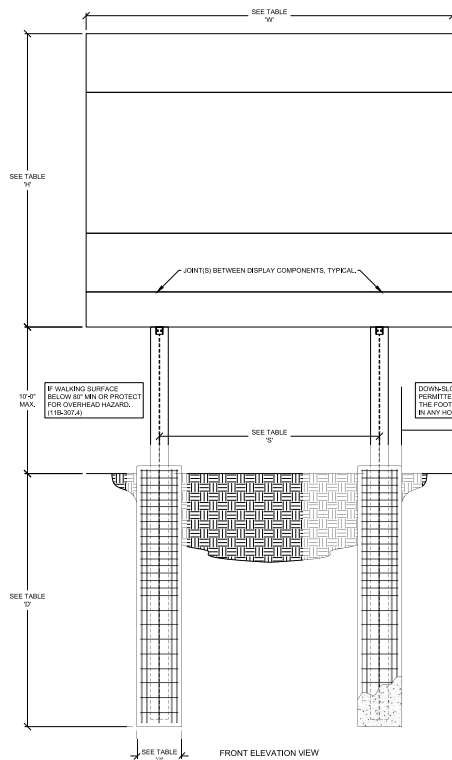


TABLE A - STANDARD WIND REGIONS (100 MPH)													
CHECK OPTION	"MAX. HEIGHT 'H' (FT)"	"MAX. WIDTH 'W' (FT)"	MAX. DISPLAY WEIGHT (LBS)	"SPACING 'S' (FT)"	SIZE	"DIAMETER Ø" (FT)"	"DEPTH 'D' (FT)"	"LONG. REIN. (QTY. - SIZE)"	Kz	Cf	"DESIGN WIND PRESSURE (LBS/SQFT)"	"BASE SHEAR (LBS)"	SEISMIC
✓	8.00	16.00	2386.00	10.00	W8X24	3	0.25	(7) #8	0.88	1.73	26.19	1680	
	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	30.59	3080	
	20.00	16.00	4690.00	10.00	W12X50	3	13.5	(7) #8	0.98	1.66	32.59	4080	
	8.00	20.00	2770.00	12.00	W12X26	3	9	(7) #8	0.88	1.73	26.19	1960	
	12.00	20.00	3730.00	12.00	W10X39	3	16.75	(7) #8	0.92	1.69	28.83	2800	
	16.00	20.00	4690.00	12.00	W10X49	3	12.75	(7) #8	0.95	1.68	29.81	3500	
	20.00	20.00	5650.00	12.00	W12X55	3	15.5	(7) #8	0.98	1.67	30.28	4820	
	24.00	20.00	6610.00	12.00	W12X79	3	18.25	(7) #8	1.01	1.65	31.69	6740	
	12.00	25.00	4522.00	15.00	W10X45	3	11.75	(7) #8	0.92	1.69	29.55	3080	
	16.00	25.00	5746.00	15.00	W12X53	3	14.75	(7) #8	0.95	1.66	29.91	4200	
	20.00	25.00	7670.00	15.00	W14X74	3	17.75	(7) #8	1.05	1.64	30.69	5600	
	24.00	25.00	8894.00	15.00	W14X99	3	21	(7) #8	1.01	1.64	30.66	7000	
	28.00	25.00	10118.00	15.00	W14X109	4	20.25	(12) #8	1.03	1.64	31.33	8540	
	32.00	25.00	11342.00	15.00	W18X143	4	22.75	(12) #8	1.05	1.64	31.87	10780	
	36.00	25.00	12566.00	15.00	W27X147	4	25.5	(12) #8	1.07	1.64	32.50	12740	

TABLE B - SPECIAL WIND REGIONS (130 MPH)

CHECK OPTION	"MAX. HEIGHT 'H' (FT)"	"MAX. WIDTH 'W' (FT)"	MAX. DISPLAY WEIGHT (LBS)	"SPACING 'S' (FT)"	SIZE	"DIAMETER Ø" (FT)"	"DEPTH 'D' (FT)"	"LONG. REIN. (QTY. - SIZE)"	Kz	Cf	"DESIGN WIND PRESSURE (LBS/SQFT)"	"BASE SHEAR (LBS)"	SEISMIC
	8.00	16.00	2386.00	10.00	W12X30	3	10	(7) #8	0.88	1.73	47.84	1820	
	12.00	16.00	3154.00	10.00	W12X40	3	12.25	(7) #8	0.92	1.71	49.20	2520	
	16.00	16.00	3922.00	10.00	W12X53	3	15.25	(7) #8	0.95	1.69	50.41	3360	
	20.00	16.00	4690.00	10.00	W12X73	3	18.75	(7) #8	0.98	1.68	51.68	4480	
	8.00	20.00	2770.00	12.00	W10X33	3	9	(7) #8	0.88	1.73	47.04	2100	
	12.00	20.00	3730.00	12.00	W12X40	3	13.75	(7) #8	0.92	1.69	49.72	2940	
	16.00	20.00	4690.00	12.00	W14X61	3	17.5	(7) #8	0.95	1.68	50.04	3920	
	20.00	20.00	5650.00	12.00	W14X82	3	21.25	(7) #8	0.98	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	25.00	4522.00	15.00	W14X53	3	16	(7) #8	0.92	1.69	48.25	3360	
	16.00	25.00	5746.00	15.00	W16X57	3	20.25	(7) #8	0.95	1.66	49.53	4480	
	20.00	25.00	7670.00	15.00	W14X99	4	20.5	(12) #8	0.98	1.65	50.75	5900	
	24.00	25.00	8894.00	15.00	W24X117	4	24.25	(12) #8	1.01	1.64	51.82	7840	
	28.00	25.00	10118.00	15.00	W14X145	4	28	(12) #8	1.03	1.64	52.95	9800	
	32.00	25.00	11342.00	15.00	W30X173	5	27.50	(10) #8	1.05	1.64	54.03	12040	
	36.00	25.00	12566.00	15.00	W33X201	5	30.75	(10) #8	1.07	1.64	55.02	14560	

(1) PER ASCE7 CASE 6 LOADING, CASE 8 LOADING = (CASE 6 LOADING) X (1.67). THE PRESSURES HAVE BEEN MULTIPLIED BY 0.6 (ASD LOAD FACTOR).
(2) (3) PER ASCE7-16 AND EQUATIONS.
(4) COLUMN MAY BE SPICED WITH A PREQUALIFIED CJP WELD.
(5) COLUMN MAY BE SPICED WITH A PREQUALIFIED CJP WELD.
(6) COLUMN MAY BE SPICED WITH A PREQUALIFIED CJP WELD.
(7) MAY NEED LONGER BOLTS FOR CLAMP ATTACHMENTS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-121730 INC.
REVIEWED FOR:
SS ☒ FLS ☒ ACS ☒
DATE: 4/11/2025

PRE-CHECK (PC) DOCUMENT

CODE: 2022 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

VECTOR
INCORPORATED

WELLS L. HOLMES, S.E.
2531 W. GALENA PARK BLVD., STE. 101
DRAPEER, UTAH 84020
(801) 435-1775
(801) 990-1776 FAX

PROFESSIONAL SEAL
WELLS L. HOLMES, S.E.
2025
STATE OF UTAH

08/07/2023

STRUCTURAL ENGINEER OF RECORD

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122164_PC
HELEN K. SCHMIDT
SS ☒ FLS ☒ ACS ☒ QS ☒
DATE: 09/18/2023

PROJECT-SPECIFIC APPROVALS

PRE-CHECK (PC) DOCUMENT
Code: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

UTAH PROFESSIONAL SEAL
WELLS L. HOLMES, S.E.
2025
STATE OF UTAH

5224624