BUENA VISTA MIDDLE SCHOOL PHASE 1 IMPROVEMENTS

SPRECKELS UNION SCHOOL DISTRICT

CONTACT: VERONICA FLOURNOY, CHIEF BUSINESS OFFICIAL / DIRECTOR OF FACILITIES PO BOX 7362 SPRECKELS, CALIFORNIA 93962

PROJECT DESIGN TEAM REFERENCE SYMBOLS

FINISH GRADE ELEVATION

- SOFTSCAPE

FINISH SURFACE

FLOW LINE

FLANGED

NOT IN CONTRACT

NOT TO SCALE

OUTSIDE DIAMETER

POINT OF BEGINNING

POINT OF TANGENCY

PLUMBING CONTRACTOR

POINT OF CONNECTION

PLANTING AREA

ON CENTER

RADIUS

REBAR REINFORCEMENT

ROUGH

RIM ELEVATION

RADIUS POINT

SCHEDULE

SQUARE FOOT

STAINLESS STEEL

RDWD REDWOOD

REQ'D REQUIRED

SPECS SPECIFICATIONS

MANHOLE

SANITARY SEWER

SANITARY SEWER

STATIC WATER LEVEL

STATION POINT

TO BE REMOVED

TOP OF FOOTING

TOP OF PAVING

TRANSFORMER

UNLESS NOTED

WATER CLOSET

WEAKEND PLANE

WELDED WIRE MESH

VERTICAL

JOINT

TOP OF CURB

SITE SECTION HIDDEN LINE EXPANSION JOIN CONTROL JOINT DATUM REFERENCE ——□——□—— (E) TUBE STEEL FENCE PROPERTY AND BOUNDARY LINES REVISION REFERENCE NORTH ARROW PROPOSED CONTOUR LINE: MAJOR PROPOSED CONTOUR LINE: MINOR **DESCRIPTION REFERENCE** —— DETAIL REFERENCE - - - 104- - - EXISTING CONTOUR LINE: MINOR

——— SHEET REFERENCE

ASPHALT

ACCESSIBLE

ADJUSTABLE

ALTERNATE

AGGREGATE

APPROXIMATE

BUILDING

CATCH BASIN

CAST IN PLACE

CONTROL JOINT

CENTERLINE

CLEAR

CLEAN OUT

CONCRETE

CONTINUOUS

GENERAL ABBREVIATIONS

MASONRY UNIT

COUNTER SUNK

DEPARTMENT

DIMENSION

EXISTING

ELEV ELEVATION

EQUAL

EXPOSED

EQ

EXP

EXISTING GRADE

EXPANSION JOINT

EDGE OF PAVING

FACE OF BUILDING

FACE OF CURB

FLOOR DRAIN

FINISH FLOOR

ELEVATION

CEMENT STABILIZED

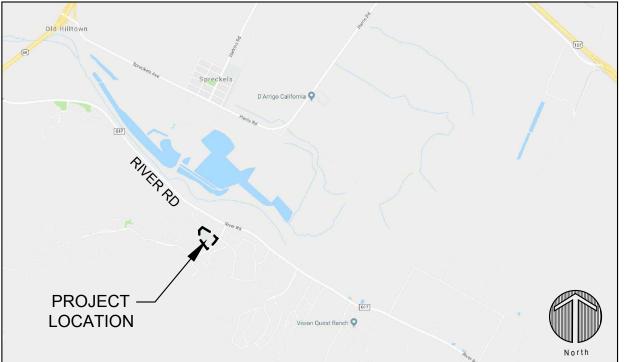
DRINKING FOUNTAIN

ELECTRICAL CONDUCTOR

DECOMPOSED GRANITE

LANDSCAPE ARCHITECT SSA LANDSCAPE ARCHITECTS, INC. CONTACT: CHRISTIAN HARRIS 303 POTRERO STREET, SUITE 40-C SANTA CRUZ, CA 95060 (831) 459 - 0455

AREA MAP



PROJECT MAP



APPLICABLE CODES

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE 2019 BUILDING STANDARDS ADMINISTRATIVE CODE. PART 1. TITLE 24 C.C.R. 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.F 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. 2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R. 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12. TITLE 24. C.C.R. TITLE 19, C.C.R., PUBLIC SAFETY, OFFICE OF THE STATE FIRE MARSHAL REGULATIONS 2019 NFPA 72 - NATIONAL FIRE ALARM CODE WITH CALIFORNIA AMENDMENTS

PROJECT SCOPE OF WORK

- ALTERATIONS TO (E) OUTDOOR TRACK AND BASEBALL FIELDS TO INCLUDE
- 1. SELECTIVE DEMOLITION.
- 2. GRADING AND DRAINAGE IMPROVEMENTS. 3. INSTALLATION:
- (2) BASKETBALL COURTS. (1) NEW COURT AND (1) REFURBISHED COURT.
- (2) WALL-BALL COURTS. (3) FOUR-SQUARE COURTS.
- 4. FITNESS PARK.
- 5. TRACK RE-ALIGNMENT AND IMPROVEMENTS. 6. ADA PATH OF TRAVEL.
- 7. IRRIGATION RELOCATE VALVE BOXES, WIRING AND IRRIGATION HEADS TO CONFORM TO PROPOSED SITE IMPROVEMENTS
- 8. PATCH AND REPAIR SOD AT CONFORM AREAS IN (E) SPORTS FIELD.

ADMINISTRATIVE REQUIREMENTS

INSPECTOR SHALL BE APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(b) 'INSPECTION BY PROJECT INSPECTOR'. THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342 'DUTIES OF THE PROJECT

TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335 'TESTS' AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST MAY BE BACKCHARGED TO THE CONTRACTOR. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335 'TESTS', AND APPROVED T & I SHEET.

THE ARCHITECT AND SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTION 4-333(a) 'OBSERVATION BY ARCHITECT OR REGISTERED ENGINEER' AND 4-341 'DUTIES OF THE ARCHITECT, STRUCTURAL ENGINEER OR PROFESSIONAL ENGINEER.

THE CONTRACTOR SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTION 4-343 'DUTIES OF THE CONTRACTOR' PART 1, TITLE 24.

A COPY OF TITLE 24, PARTS 1-5, MUST BE KEPT ON SITE DURING CONSTRUCTION.

BID ALTERNATE SCHEDULE

- REPLACE PROPOSED CONCRETE PAVEMENT WITH ASPHALT PAVING. ASPHALT REPLACEMENT TO HAVE NO COURT SURFACING PRODUCT EXCEPT WHERE INDICATED ON SHEET L-3.3.
- 2. DELETE (1) WALL BALL COURT AND ASSOCIATED COURT SURFACING.



(15 SHEETS) SHEET INDEX

SECTION	G - GENERAL		
G-0.0	COVER SHEET	(1 OF 17)	
SECTION	L - LANDSCAPE		
L-1.0	CAMPUS PLAN	(2 OF 17)	
L-2.0	DEMOLITION PLAN	(3 OF 17)	
L-3.0	SITE PLAN	(4 OF 17)	
L-3.1	SITE PLAN	(5 OF 17)	
L-3.2	SITE PLAN	(6 OF 17)	
L-3.3	COURT SURFACING PLAN	(7 OF 17)	
L-4.0	GRADING PLAN	(8 OF 17)	
L-5.0	LAYOUT PLAN	(9 OF 17)	
L-5.1	LAYOUT PLAN	(10 OF 17)	
L-5.2	LAYOUT PLAN	(11 OF 17)	
L-6.0	CONSTRUCTION DETAILS	(12 OF 17)	
L-6.1	CONSTRUCTION DETAILS	(13 OF 17)	
L-6.2	CONSTRUCTION DETAILS	(14 OF 17)	
L-7.0	(E) RESTROOM ENLARGEMENT	(15 OF 17)	

SECTION PC - PRE-CHECK DRAWINGS

BALL WALL COVER SHEET (16 OF 17) BALL WALL STRUCTURAL PLAN (17 OF 17) LANDSCAPE ARCHITECT

IDENTIFICATION STAMP

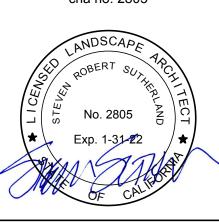
REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹

DIV. OF THE STATE ARCHITEC

APP: 01-118814 INC:

303 potrero street, suite 40-c santa cruz, ca 95060 p: 831.459.0455 f: 831-459-0484

> www.ssala.com crla no. 2805



SHE OVE

DRAWN BY • CW CHECKED • CH SCALE • NTS DATE • 04. 02. 2021 • 180006.01

COVER SHEET

GENERAL NOTES

1. WORK SHALL COMPLY WITH THE PREVISIONS OF CHAPTER 33 OF THE CBC AND CFC, "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION".

2. DESIGN INTENT: THESE DRAWINGS AND ACCOMPANYING TECHNICAL SPECIFICATIONS REPRESENT THE GENERAL DESIGN INTENT TO BE IMPLEMENTED ON THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE ARCHITECT FOR ANY ADDITIONAL CLARIFICATION OR DETAILS NECESSARY TO ACCOMMODATE SITE CONDITIONS.

LANDSCAPE

LINEAR FEET

MACHINE BOLT

MECHANICAL

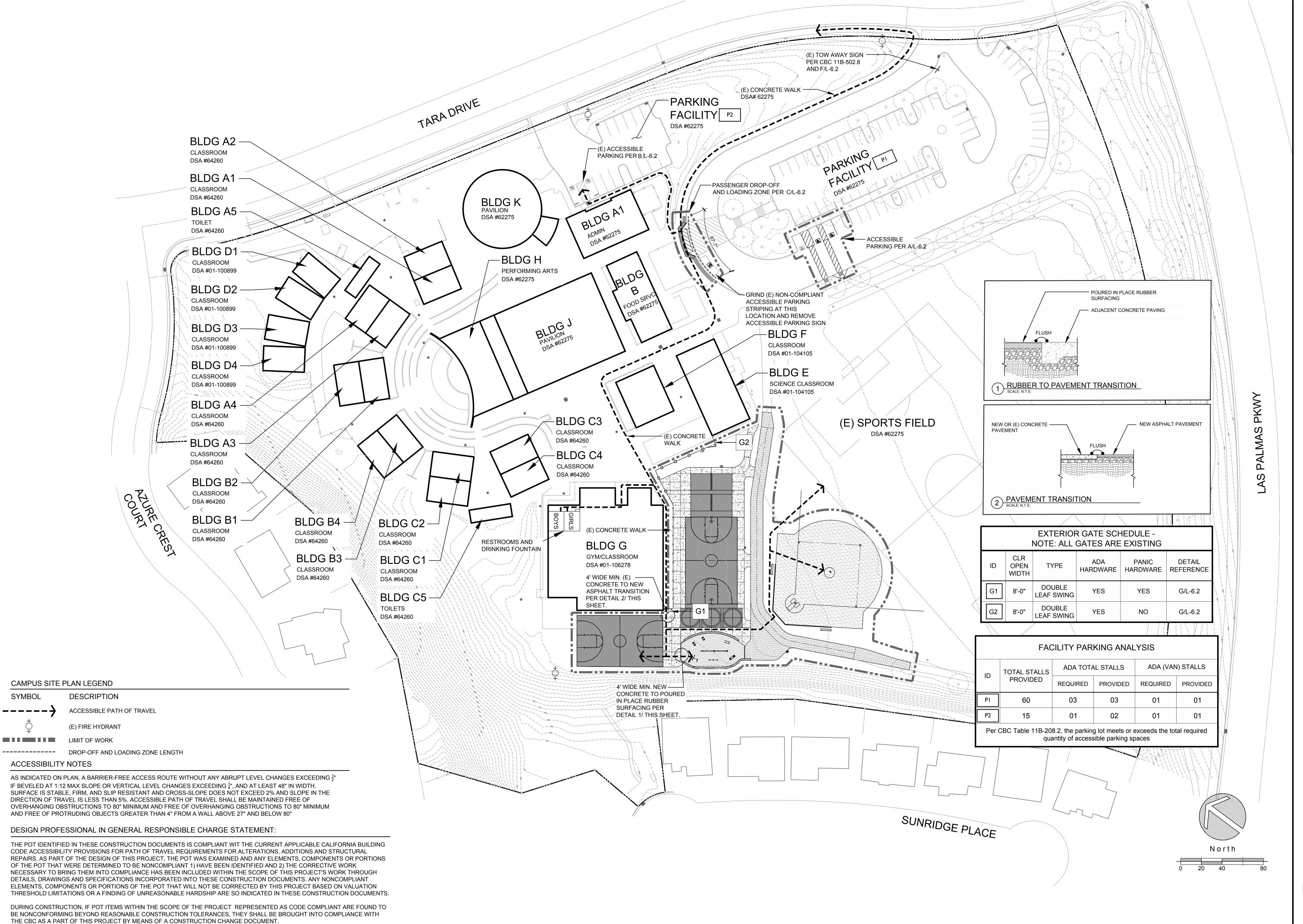
CONTRACTOR

MANUFACTURER

MAXIMUM

MINIMUM

- 3. CONTRACTOR SHALL INFORM THEMSELVES OF, AND FULLY ADHERE TO THE ZONING AND ORDINANCE REGULATIONS OF THE CITY AND/OR COUNTY WHERE THE PROJECT IS LOCATED, THE RULES, REGULATIONS AND REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK, AND ALL FEDERAL AND STATE LAWS, CODES OR REGULATIONS REGARDING CONSTRUCTION ACTIVITY.
- 4. CONTRACTOR SHALL INVESTIGATE AND PROCURE, AT THEIR EXPENSE, ANY AND ALL PERMITS THAT MAY BE REQUIRED ON PROJECT. PRIOR TO BIDDING, THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS.
- 5. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNERS REPRESENTATIVE IF DISCREPANCY IS SUSPECTED BETWEEN THE SITE AND WHAT IS CONTAINED IN THE CONTRACT DOCUMENTS. NO ALLOWANCES WILL BE MADE TO THE CONTRACTOR DUE TO THEIR LACK OF FAMILIARITY WITH THE SITE CONDITIONS.
- 6. CONTRACTOR SHALL CALL OUT "USA"-UNDERGROUND SERVICE ALERT (800-642-2444) AND HAVE USA THOROUGHLY MARK OUT ALL PUBLIC UTILITIES ON, OR ADJACENT TO THE SITE PRIOR TO ANY DEMOLITION OR EXCAVATION WORK. CONTRACTOR SHALL RECORD OR MAINTAIN USA MARKINGS IN LEGIBLE AND ACCESSIBLE FORM FOR DURATION OF
- PROJECT. 7. UNDERGROUND UTILITIES SHOWN ARE COMPILED FROM INFORMATION PRESENTED ON TOPOGRAPHIC SURVEY PREPARED BY H.D. PETERS CO. INC. SSA LANDSCAPE ARCHITECTS INC. MAKES NO GUARANTEES AS TO THE ACCURACY OF SURVEY OR LOCATION OF ABOVE OR UNDERGROUND UTILITIES. CONTRACTOR SHALL VERIFY LOCATIONS OF UTILITY LINES PRIOR TO ANY TRENCHING OR EXCAVATION AND POT HOLE THOSE AREAS WHERE POTENTIAL CONFLICT EXISTS OR WHERE DATA IS OTHERWISE
- 8. CONTRACTOR SHALL AT ALL TIMES PROVIDE NOISE, DUST AND LITTER CONTROL ON THE PROJECT IN ACCORDANCE WITH GOVERNING AGENCIES OR DOCUMENTS LISTED ABOVE AND PER THE DISCRETION OF THE OWNERS REPRESENTATIVE.
- 9. CONTRACTOR SHALL INSURE PROPER POSITIVE DRAINAGE TO EXISTING DRAINAGE STRUCTURES AT ALL TIMES. IF OPERATION OF ANY EXISTING DRAINAGE STRUCTURE OR UTILITY IS INTERRUPTED BY THE CONTRACTORS WORK, CONTRACTOR MUST HAVE ACCEPTABLE ALTERNATE METHODS IN PLACE PRIOR TO INTERRUPTION. THE OWNERS REPRESENTATIVE SHALL DETERMINE THE ACCEPTABILITY OF SUCH ALTERNATE METHODS.
- 10. CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL MEASURES IN CONFORMANCE WITH STANDARD CONSTRUCTION PRACTICES AS REQUIRED TO PROTECT THE PROJECT AND/OR ADJACENT PROPERTIES FROM DAMAGES DUE TO NATURAL OR MAN-MADE EROSIVE FORCES.
- 11. CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING DAMAGES OR DAMAGED AREAS TO AN AS-WAS OR BETTER CONDITION IF IT CAN BE REASONABLY CONSTRUED THAT SUCH DAMAGES WERE DUE TO THE CONTRACTORS CONSTRUCTION ACTIVITY OR LACK OF AMPLE PROTECTIVE MEASURES. REPAIRS SHALL BE MADE SUBJECT TO THE DISCRETION OF THE OWNERS REPRESENTATIVE.
- 12. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL CERTIFY THAT ALL WORK HAS BEEN INSTALLED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. ALL VARIATIONS FROM THE DOCUMENTS MUST BE PRESENTED TO THE OWNERS REPRESENTATIVE ACCURATELY AND/OR GRAPHICALLY ON RECORD DRAWINGS PRIOR TO FINAL ACCEPTANCE. REFER TO SPECIFICATIONS FOR ADDITIONAL CLOSE-OUT INFORMATION AND PROCEDURES.
- 13. CONTRACTOR SHALL DILIGENTLY PROTECT THE PROJECT SITE AND ALL CONSTRUCTION MATERIALS FROM VANDALISM OR DAMAGE UNTIL PROJECT FINAL ACCEPTANCE.
- 14. CONTRACTOR SHALL PROVIDE DRINKING WATER AND PORTABLE REST ROOM FACILITIES FOR WORKER USE DURING CONSTRUCTION AT CONTRACTORS EXPENSE



IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 01-118814 INC:

REVIEWED FOR

SS FLS ACS D

DATE: 04/15/2021



303 potrero street, suite 40-c santa cruz, ca 95060 p: 831.459.0455

> www.ssala.com crla no. 2805

f: 831-459-0484



OVEMENTS

VISTA MIDDLE SCHOOL PHA

CAMPUS

SPRECKELS UNION
SPRECKELS, CALIF

DRAWN BY • CW

CHECKED • CH

SCALE • 1" = 40' - 0"

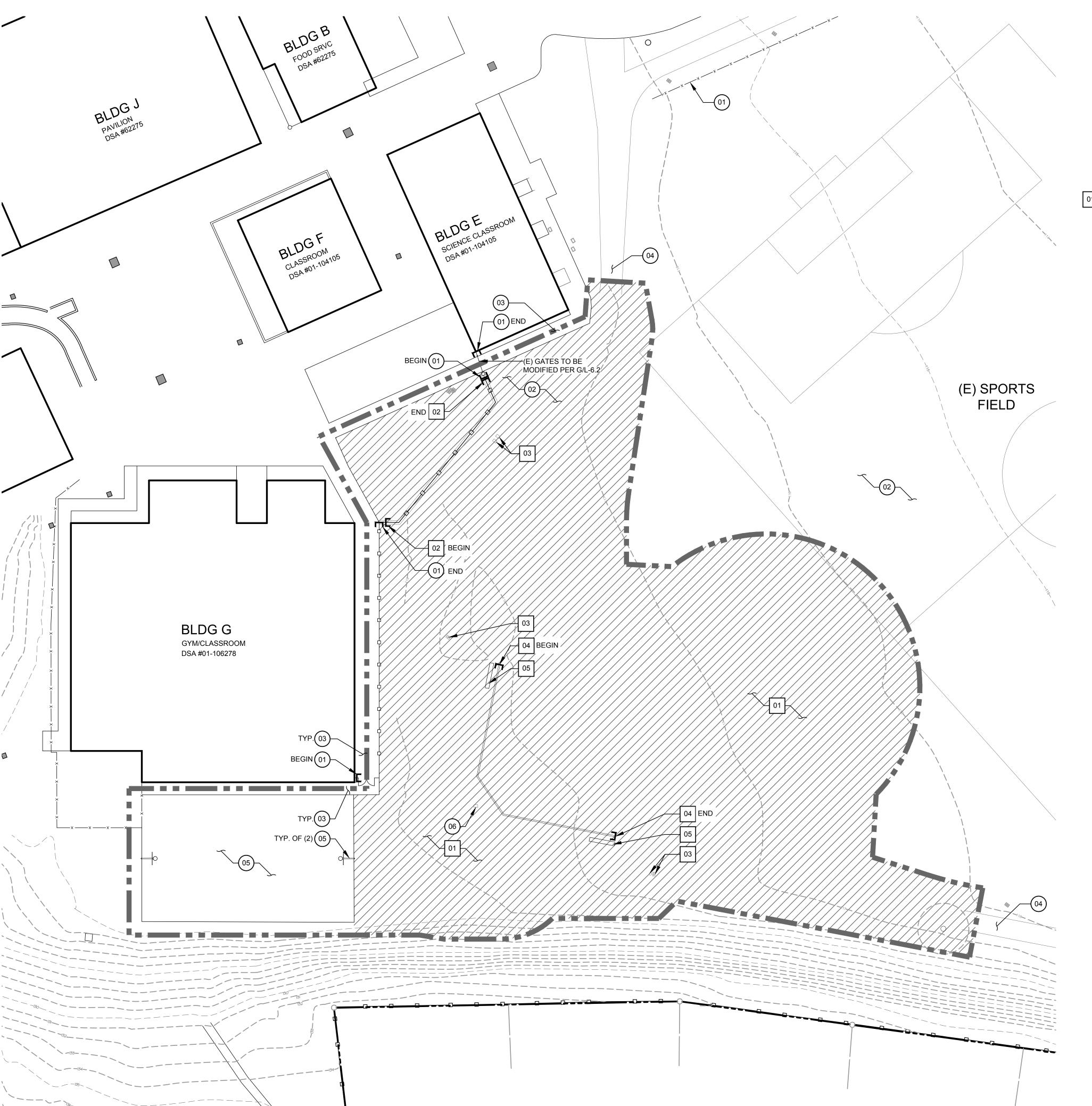
DATE • 04. 02. 2021

CAMPUS PLAN

• 180006.01

SHEET

L-1.0



DEMOLITION LEGEND

DESCRIPTION LIMIT OF WORK — — — 104 — — — EXISTING CONTOUR LINE: MAJOR **EXISTING CONTOUR LINE: MINOR** (N) TUBE STEEL FENCE

CLEAR AND GRUB (E) LANDSCAPE AREA. PRESERVE AND PROTECT ALL (E) TREES AND ROOTS U.N.O. PRESERVE AND PROTECT (E) IRRIGATION EQUIPMENT INCLUDING MAINLINE, ALL OTHER UTILITIES, AND HOSE BIBS. (+/- 39,500 SF)

BEGINNING OR END OF SITE ELEMENT PRESERVATION & PROTECTION TAG

DEMOLITION TAG (E) UTILITY BOX

DEMOLITION SCHEDULE

PRESERVATION & PROTECTION

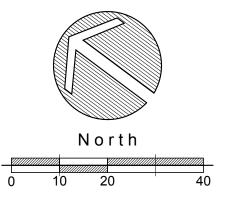
- PROTECT IN PLACE (E) FENCE AND GATE. MODIFY GATES PER G/L-6.2 WHERE INDICATED.
- 02 PROTECT IN PLACE(E) TURF
- 03) PROTECT IN PLACE (E) CONCRETE SIDEWALK
- (E) TRACK TO REMAIN
- (E) BASKETBALL COURT AND HOOPS TO REMAIN.
- (E) ELECTRICAL BOX TO REMAIN.

DEMOLITION

- 01 CLEAR & GRUB EXISTING TURF AND INFIELD FINES. REMOVE EXISTING BASEBALL EQUIPMENT AND PROVIDE TO OWNER.
- DEMOLISH AND REMOVE CONCRETE BAND. CAREFULLY REMOVE AND RELOCATE (E) FENCE PANELS FOR RE-USE WHERE POSSIBLE. SEE SITE PLAN FOR LOCATIONS
- RELOCATE (E) IRRIGATION BOX AND EQUIPMENT, REPLACE DAMAGED EQUIPMENT AS REQUIRED. REFER TO SITE PLAN FOR NEW LOCATION.
- RELOCATE (E) BACKSTOP, REFER TO SITE PLAN FOR NEW LOCATION. REMOVE AND DISPOSE OF EXISTING FOOTINGS.
- 05 REMOVE AND DISPOSE OF EXISTING BENCHES AND FOOTINGS.

DEMOLITION NOTES

- 1. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION OR DEMOLITION.
- 2. 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.
- 3. 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.
- 4. 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.
- 5. 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.
- 6. UNDERGROUND PIPING: REMOVE AS INDICATED AND BACK FILL. CONTACT OWNER'S REPRESENTATIVE FOR BACK FILL COMPACTION DENSITY REQUIREMENTS. 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, PLUGGED OR BLIND FLANGED AS APPROPRIATE.
- 7. AS APPLICABLE AND UNLESS OTHERWISE NOTED, "DEMOLISH & REMOVE" SHALL INCLUDE ALL FOOTINGS AND ATTACHED APPURTENANCES ABOVE OR BELOW GROUND.
- 8. REFER TO SPECIFICATIONS FOR REQUIRED EROSION CONTROL MEASURES PRIOR TO BEGINNING DEMOLITION WORK.
- 9. NO DEMOLITION SHALL BEGIN UNTIL PLANS, INCLUDING THE DEMOLITION WORK, HAVE BEEN APPROVED BY DSA.



IDENTIFICATION STAMP DIV. OF THE STATE ARCHITE APP: 01-118814 INC: REVIEWED FOR SS FLS FLS ACS

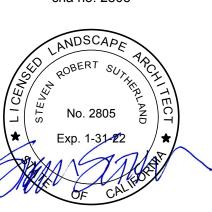


303 potrero street, suite 40-c santa cruz, ca 95060

p: 831.459.0455

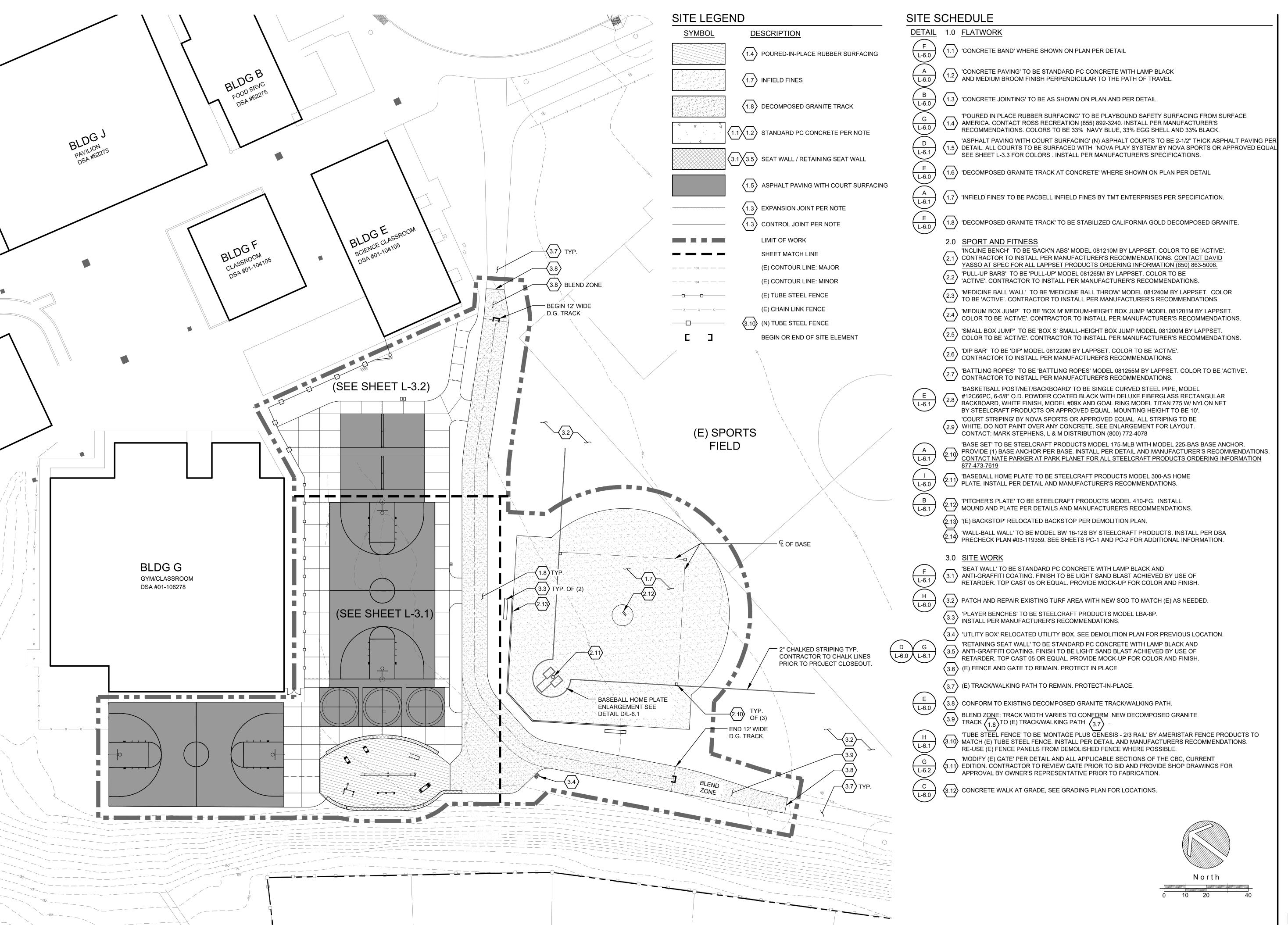
f: 831-459-0484

www.ssala.com crla no. 2805



DRAWN BY • CW CHECKED • CH SCALE • 1" = 20' - 0" DATE • 04. 02. 2021

DEMOLITION PLAN



IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 01-118814 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: <u>04/15/2021</u>



LANDSCAPE ARCHITECTS

303 potrero street, suite 40-c santa cruz, ca 95060 p: 831.459.0455 f: 831-459-0484

> www.ssala.com crla no. 2805

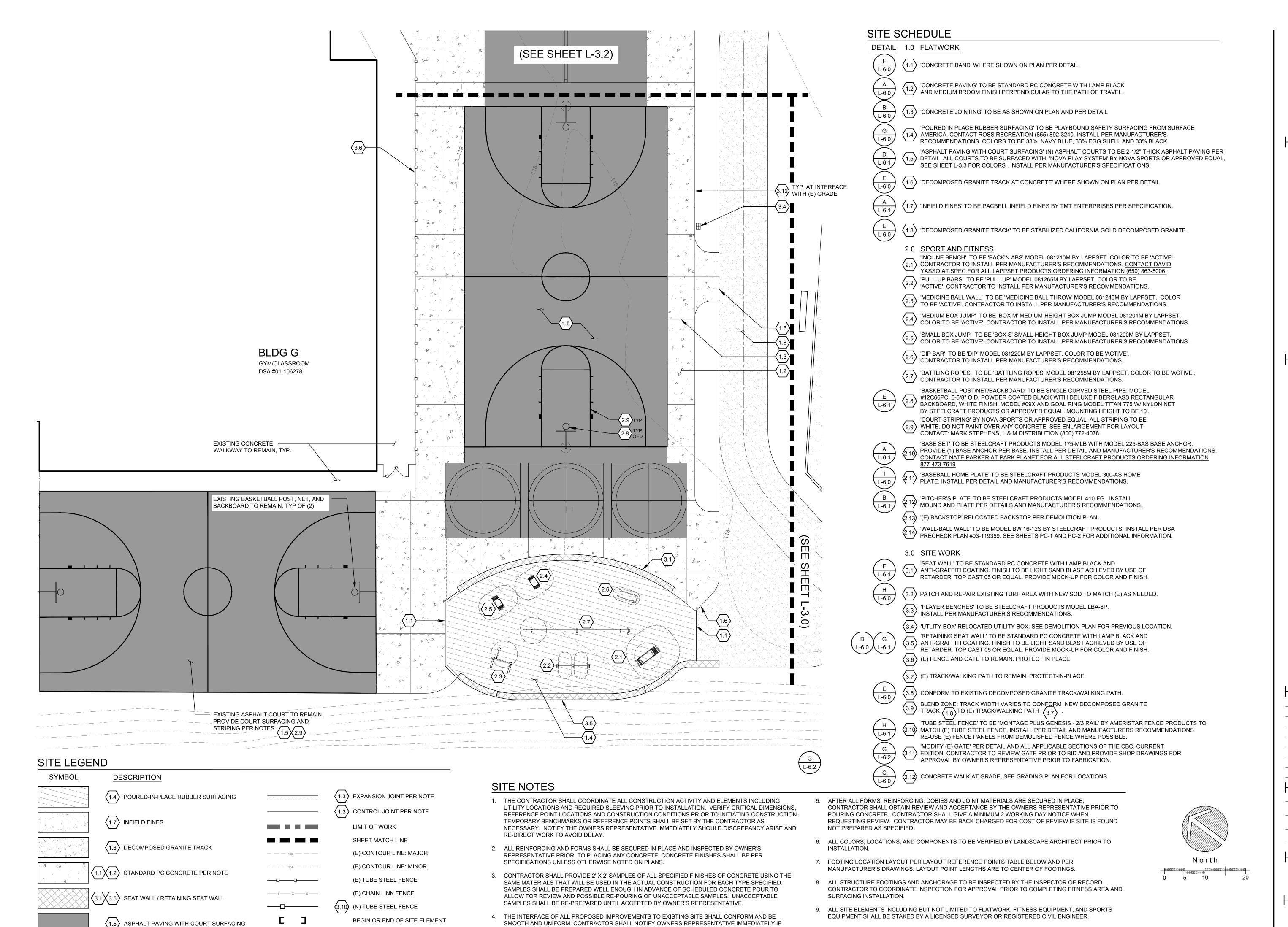


REVISIONS NO. DATE PURPOSE

DRAWN BY • CW CHECKED • CH SCALE • 1" = 20' - 0" DATE • 04. 02. 2021

SITE PLAN

• 180006.01



DISCREPANCY IS SUSPECTED AND RE-DIRECT APPLICABLE WORK TO AVOID DELAY.

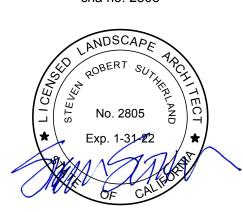
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 01-118814 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: <u>04/15/2021</u>



303 potrero street, suite 40-c santa cruz, ca 95060 p: 831.459.0455

> www.ssala.com crla no. 2805

f: 831-459-0484

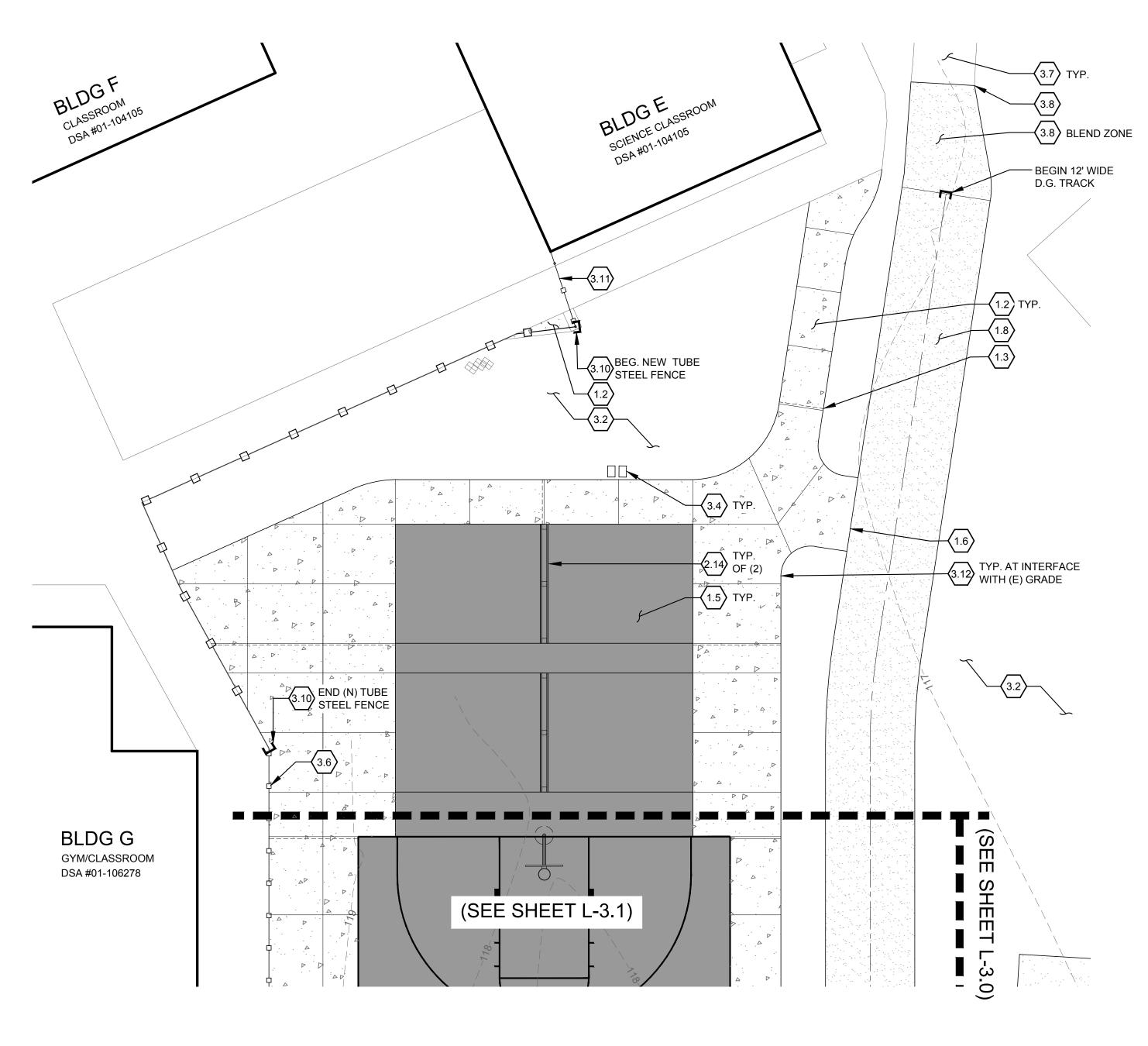


REVISIONS NO. DATE PURPOSE

DRAWN BY • CW CHECKED • CH SCALE • 1" =10' - 0"

• 04. 02. 2021 • 180006.01

SITE PLAN



SITE 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 DISCREPANCY ARISE AND RE-DIRECT WORK TO AVOID DELAY.
- 2. ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND INSPECTED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE. CONCRETE FINISHES SHALL BE PER SPECIFICATIONS UNLESS OTHERWISE NOTED ON PLANS.
- 3. CONTRACTOR SHALL PROVIDE 2' X 2' SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW AND POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY OWNER'S REPRESENTATIVE.
- 4. 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.
- 5. AFTER ALL FORMS, REINFORCING, DOBIES AND JOINT MATERIALS ARE SECURED IN PLACE, CONTRACTOR SHALL OBTAIN REVIEW AND ACCEPTANCE BY THE OWNERS REPRESENTATIVE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL GIVE A MINIMUM 2 WORKING DAY NOTICE WHEN REQUESTING REVIEW. CONTRACTOR MAY BE BACK-CHARGED FOR COST OF REVIEW IF SITE IS FOUND NOT PREPARED AS SPECIFIED.
- 6. ALL COLORS, LOCATIONS, AND COMPONENTS TO BE VERIFIED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- FOOTING LOCATION LAYOUT PER LAYOUT REFERENCE POINTS TABLE BELOW AND PER MANUFACTURER'S DRAWINGS. LAYOUT POINT LENGTHS ARE TO CENTER OF FOOTINGS.
- 8. ALL STRUCTURE FOOTINGS AND ANCHORAGE TO BE INSPECTED BY THE INSPECTOR OF RECORD. CONTRACTOR TO COORDINATE INSPECTION FOR APPROVAL PRIOR TO COMPLETING FITNESS AREA AND SURFACING INSTALLATION.
- 9. ALL SITE ELEMENTS INCLUDING BUT NOT LIMITED TO FLATWORK, FITNESS EQUIPMENT, AND SPORTS EQUIPMENT SHALL BE STAKED BY A LICENSED SURVEYOR OR REGISTERED CIVIL ENGINEER.

SITE LEGEND

SYMBOL

____ x____ x____ x___

────

	1.4 POURED-IN-PLACE RUBBER SURFACING
	1.7 INFIELD FINES
	1.8 DECOMPOSED GRANITE TRACK
1	1 1.2 STANDARD PC CONCRETE PER NOTE
(3	1 3.5 SEAT WALL / RETAINING SEAT WALL
	(1.5) ASPHALT PAVING WITH COURT SURFACI
	(1.3) EXPANSION JOINT PER NOTE
	(1.3) CONTROL JOINT PER NOTE

LIMIT OF WORK

SHEET MATCH LINE

(E) CONTOUR LINE: MAJOR

(E) CONTOUR LINE: MINOR

BEGIN OR END OF SITE ELEMENT

(E) TUBE STEEL FENCE

(E) CHAIN LINK FENCE

(3.10) (N) TUBE STEEL FENCE

DESCRIPTION

SITE SCHEDULE

	7011EB0EE
DETAIL	1.0 FLATWORK
F L-6.0	(1.1) 'CONCRETE BAND' WHERE SHOWN ON PLAN PER DETAIL
A L-6.0	'CONCRETE PAVING' TO BE STANDARD PC CONCRETE WITH LAMP BLACK AND MEDIUM BROOM FINISH PERPENDICULAR TO THE PATH OF TRAVEL.
B L-6.0	(1.3) 'CONCRETE JOINTING' TO BE AS SHOWN ON PLAN AND PER DETAIL
G L-6.0	'POURED IN PLACE RUBBER SURFACING' TO BE PLAYBOUND SAFETY SURFACING FROM SURFACE AMERICA. CONTACT ROSS RECREATION (855) 892-3240. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. COLORS TO BE 33% NAVY BLUE, 33% EGG SHELL AND 33% BLACK.
D L-6.1	'ASPHALT PAVING WITH COURT SURFACING' (N) ASPHALT COURTS TO BE 2-1/2" THICK ASPHALT PAVING PER DETAIL. ALL COURTS TO BE SURFACED WITH 'NOVA PLAY SYSTEM' BY NOVA SPORTS OR APPROVED EQUAL, SEE SHEET L-3.3 FOR COLORS . INSTALL PER MANUFACTURER'S SPECIFICATIONS.
E L-6.0	(1.6) 'DECOMPOSED GRANITE TRACK AT CONCRETE' WHERE SHOWN ON PLAN PER DETAIL
A L-6.1	(1.7) 'INFIELD FINES' TO BE PACBELL INFIELD FINES BY TMT ENTERPRISES PER SPECIFICATION.
E L-6.0	(1.8) 'DECOMPOSED GRANITE TRACK' TO BE STABILIZED CALIFORNIA GOLD DECOMPOSED GRANITE.
	2.0 SPORT AND FITNESS
	'INCLINE BENCH' TO BE 'BACK'N ABS' MODEL 081210M BY LAPPSET. COLOR TO BE 'ACTIVE'. CONTRACTOR TO INSTALL PER MANUFACTURER'S RECOMMENDATIONS. CONTACT DAVID YASSO AT SPEC FOR ALL LAPPSET PRODUCTS ORDERING INFORMATION (650) 863-5006.
	'PULL-UP BARS' TO BE 'PULL-UP' MODEL 081265M BY LAPPSET. COLOR TO BE 'ACTIVE'. CONTRACTOR TO INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
	'MEDICINE BALL WALL' TO BE 'MEDICINE BALL THROW' MODEL 081240M BY LAPPSET. COLOR

'MEDIUM BOX JUMP' TO BE 'BOX M' MEDIUM-HEIGHT BOX JUMP MODEL 081201M BY LAPPSET.

COLOR TO BE 'ACTIVE'. CONTRACTOR TO INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

TO BE 'ACTIVE'. CONTRACTOR TO INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

'SMALL BOX JUMP' TO BE 'BOX S' SMALL-HEIGHT BOX JUMP MODEL 081200M BY LAPPSET.

COLOR TO BE 'ACTIVE'. CONTRACTOR TO INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

'DIP BAR' TO BE 'DIP' MODEL 081220M BY LAPPSET. COLOR TO BE 'ACTIVE'. CONTRACTOR TO INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

(2.7) 'BATTLING ROPES' TO BE 'BATTLING ROPES' MODEL 081255M BY LAPPSET. COLOR TO BE 'ACTIVE'. CONTRACTOR TO INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

BASKETBALL POST/NET/BACKBOARD' TO BE SINGLE CURVED STEEL PIPE, MODEL #12C66PC, 6-5/8" O.D. POWDER COATED BLACK WITH DELUXE FIBERGLASS RECTANGULAR BACKBOARD, WHITE FINISH, MODEL #09X AND GOAL RING MODEL TITAN 775 W/ NYLON NET BY STEELCRAFT PRODUCTS OR APPROVED EQUAL. MOUNTING HEIGHT TO BE 10'.

'COURT STRIPING' BY NOVA SPORTS OR APPROVED EQUAL. ALL STRIPING TO BE WHITE. DO NOT PAINT OVER ANY CONCRETE. SEE ENLARGEMENT FOR LAYOUT. CONTACT: MARK STEPHENS, L & M DISTRIBUTION (800) 772-4078

BASE SET' TO BE STEELCRAFT PRODUCTS MODEL 175-MLB WITH MODEL 225-BAS BASE ANCHOR.
PROVIDE (1) BASE ANCHOR PER BASE. INSTALL PER DETAIL AND MANUFACTURER'S RECOMMENDATIONS.
CONTACT NATE PARKER AT PARK PLANET FOR ALL STEELCRAFT PRODUCTS ORDERING INFORMATION
877-473-7619

(L-6.0) (2.11) 'BASEBALL HOME PLATE' TO BE STEELCRAFT PRODUCTS MODEL 300-AS HOME PLATE. INSTALL PER DETAIL AND MANUFACTURER'S RECOMMENDATIONS.

B
6.1 'PITCHER'S PLATE' TO BE STEELCRAFT PRODUCTS MODEL 410-FG. INSTALL MOUND AND PLATE PER DETAILS AND MANUFACTURER'S RECOMMENDATIONS.

(2.13) '(E) BACKSTOP' RELOCATED BACKSTOP PER DEMOLITION PLAN.

'WALL-BALL WALL' TO BE MODEL BW 16-12S BY STEELCRAFT PRODUCTS. INSTALL PER DSA PRECHECK PLAN #03-119359. SEE SHEETS PC-1 AND PC-2 FOR ADDITIONAL INFORMATION.

3.0 SITE WORK

'SEAT WALL' TO BE STANDARD PC CONCRETE WITH LAMP BLACK AND ANTI-GRAFFITI COATING. FINISH TO BE LIGHT SAND BLAST ACHIEVED BY USE OF RETARDER. TOP CAST 05 OR EQUAL. PROVIDE MOCK-UP FOR COLOR AND FINISH.

(1.6.0) (3.2) PATCH AND REPAIR EXISTING TURF AREA WITH NEW SOD TO MATCH (E) AS NEEDED.

(3.3) 'PLAYER BENCHES' TO BE STEELCRAFT PRODUCTS MODEL LBA-8P. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

(3.4) 'UTLITY BOX' RELOCATED UTILITY BOX. SEE DEMOLITION PLAN FOR PREVIOUS LOCATION.

'RETAINING SEAT WALL' TO BE STANDARD PC CONCRETE WITH LAMP BLACK AND
ANTI-GRAFFITI COATING. FINISH TO BE LIGHT SAND BLAST ACHIEVED BY USE OF

RETARDER. TOP CAST 05 OR EQUAL. PROVIDE MOCK-UP FOR COLOR AND FINISH.

(3.6) (E) FENCE AND GATE TO REMAIN. PROTECT IN PLACE

(E) TRACKAMALKING BATH TO BEMAIN BROTEST IN BLACE

(3.7) (E) TRACK/WALKING PATH TO REMAIN. PROTECT-IN-PLACE.

E (3.8) CONFORM TO EXISTING DECOMPOSED GRANITE TRACK/WALKING PATH.

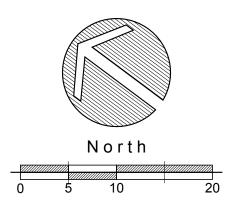
BLEND ZONE: TRACK WIDTH VARIES TO CONFORM NEW DECOMPOSED GRANITE

TRACK (1.8) TO (E) TRACK/WALKING PATH (3.7).

TUBE STEEL FENCE' TO BE 'MONTAGE PLUS GENESIS - 2/3 RAIL' BY AMERISTAR FENCE PRODUCTS TO MATCH (E) TUBE STEEL FENCE. INSTALL PER DETAIL AND MANUFACTURERS RECOMMENDATIONS. RE-USE (E) FENCE PANELS FROM DEMOLISHED FENCE WHERE POSSIBLE.

'MODIFY (E) GATE' PER DETAIL AND ALL APPLICABLE SECTIONS OF THE CBC, CURRENT EDITION. CONTRACTOR TO REVIEW GATE PRIOR TO BID AND PROVIDE SHOP DRAWINGS FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO FABRICATION.

 $\binom{C}{L-6.0}$ (3.12) CONCRETE WALK AT GRADE, SEE GRADING PLAN FOR LOCATIONS.



IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 01-118814 INC:

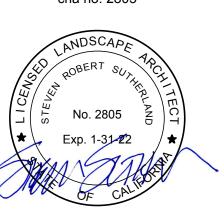
REVIEWED FOR
SS FLS ACS DATE: 04/15/2021



303 potrero street, suite 40-c santa cruz, ca 95060 p: 831.459.0455

f: 831-459-0484

www.ssala.com crla no. 2805



NA VISTA MIDDLE SCHOOL PHASE 1 IMPROVEMENTS

SITE PLAN

REVISIONS
NO. DATE PURPOSE

DRAWN BY • CW

CHECKED • CH

SCALE • 1" =10' - 0"

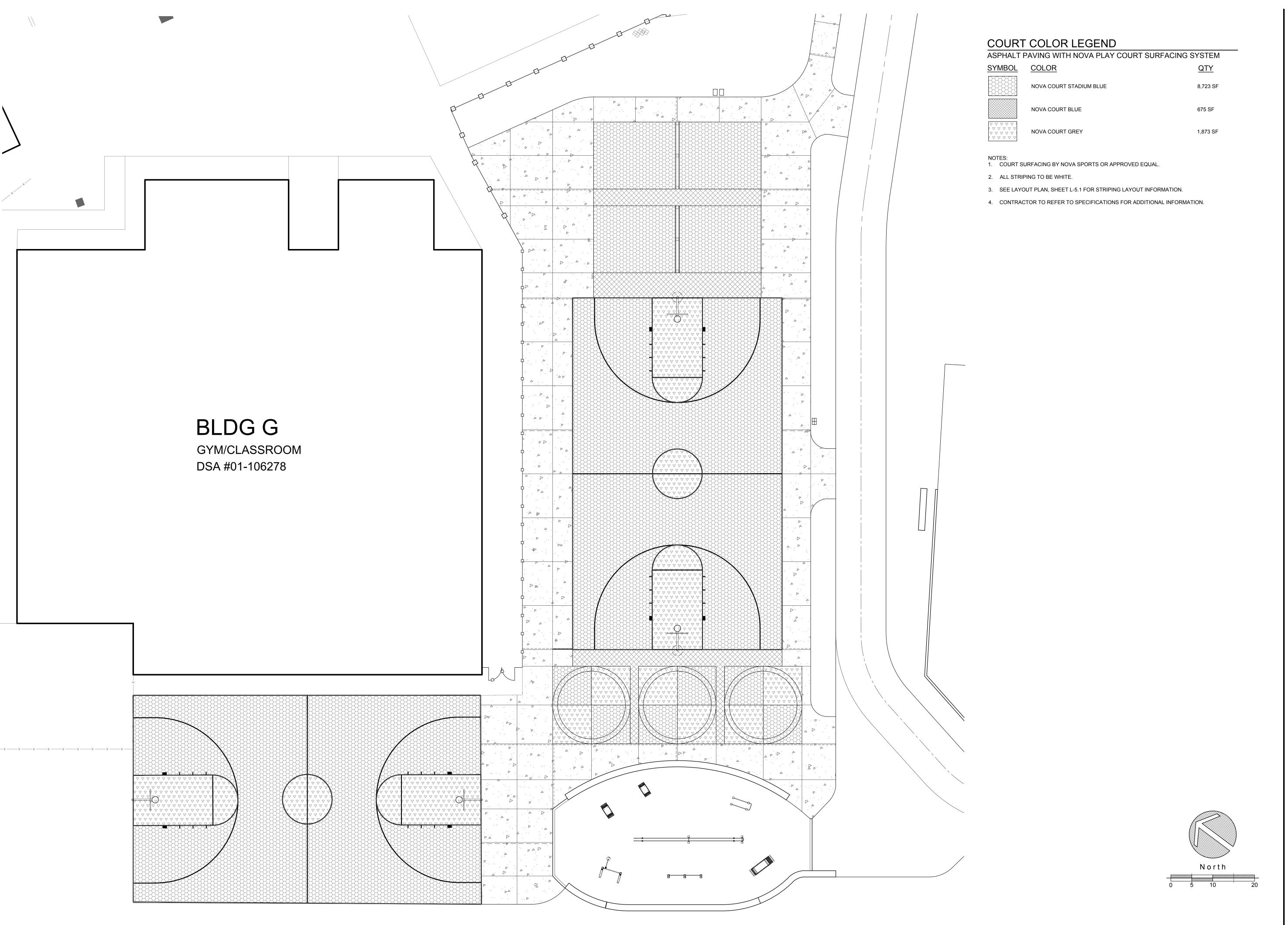
DATE • 04. 02. 2021

SITE PLAN

• 180006.01

SHEET

_-3.2



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP: 01-118814 INC:

REVIEWED FOR

SS FLS ACS D

DATE: 04/15/2021



303 potrero street, suite 40-c santa cruz, ca 95060 p: 831.459.0455 f: 831-459-0484

> www.ssala.com crla no. 2805



ROVEMENTS

IA VISTA MIDDLE SCHOOL PHAS

REVISIONS NO. DATE PURPOSE

DRAWN BY • CW

CHECKED • CH

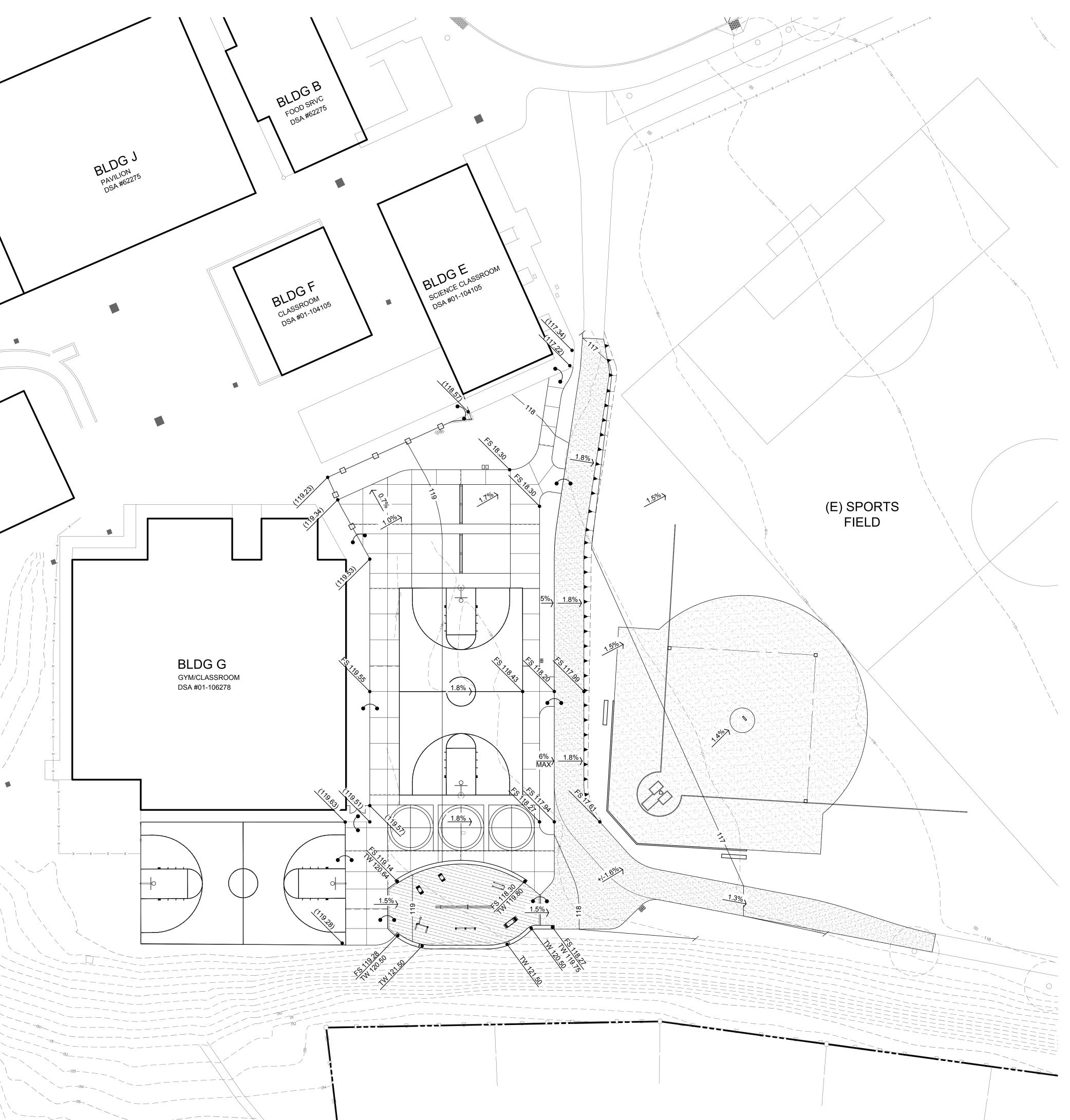
SCALE • 1" =10' - 0"

DATE • 04. 02. 2021

COURT SURFACING PLAN

SHEET

L-3.3



EROSION CONTROL NOTES

1. REFER TO SPECIFICATIONS FOR DETAILED EROSION CONTROL NOTES

GRADING & DRAINAGE NOTES

- 1. THE CONTRACTOR SHALL CONTINUALLY REFER TO ALL DRAWINGS, ADDENDA, REPORTS AND/OR SPECIFICATIONS DURING THE LIFE OF THE PROJECT FOR CONSTRUCTION INFORMATION. CONTRACTOR IS SOLELY RESPONSIBLE TO ARRANGE FOR ALL SITE INSPECTIONS AND OBSERVATIONS DESCRIBED IN THE CONTRACT DOCUMENTS. MINIMUM LEAD TIME FOR INSPECTION/OBSERVATION REQUESTS IS TWO WORKING DAYS.
- 2. THE CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS, SITE DIMENSIONS, AND GRADES PRIOR TO BEGINNING ANY PHASE OF CONSTRUCTION. IMMEDIATELY NOTIFY OWNERS REPRESENTATIVE OF ANY DISCREPANCY AND STRIVE TO REDIRECT EFFORTS UNTIL RESOLUTION.
- 3. CONTRACTOR SHALL USE EXTREME CARE AROUND EXISTING UTILITIES BY HAND TRENCHING IN THESE AREAS. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY DAMAGED UTILITIES TO AN "AS WAS" OR BETTER
- 4. REFER TO THE SPECIFICATIONS FOR TRENCHING AROUND EXISTING TREES.
- ADJACENT FINISH GRADES OF SOIL SHALL BE GRADED AND SMOOTHED TO A UNIFORM SURFACE WHICH MAINTAINS A SLOPE PROVIDING ADEQUATE DRAINAGE TO AVOID PUDDLING (WHERE POSSIBLE).
- 6. FINISHED GRADES OF LANDSCAPE SLOPES SHALL NOT EXCEED 3 TO 1 OR 33%. DOES NOT INCLUDE HARDSCAPE
- 7. CROSS-SLOPE ON WALKWAYS ARE NOT TO EXCEED 2%.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

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

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

CRADING LEGEND

<u>Grading le</u>	GLND
<u>SYMBOL</u>	DESCRIPTION
	LIMIT OF WORK
	EXISTING CONTOUR LINE: MAJOR
	EXISTING CONTOUR LINE: MINOR
100	NEW CONTOUR LINE: MAJOR
104	NEW CONTOUR LINE: MINOR
	3:1 SLOPE
FS 115.33	PROPOSED SPOT ELEVATION
(115.33)	EXISTING SPOT ELEVATION
ВС	BOTTOM OF CURB ELEVATION
(E)	EXISTING ELEVATION
FG	FINISH GRADE ELEVATION (SOFTSCAPE)
FS	FINISH SURFACE ELEVATION (HARDSCAPE)
	FLUSH CONDITION
\leftarrow	DIRECTION OF FLOW
	(E) TUBE STEEL FENCE
x x x	(E) CHAIN LINK FENCE
	(N) TUBE STEEL FENCE

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 01-118814 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹



LANDSCAPE ARCHITECTS

303 potrero street, suite 40-c santa cruz, ca 95060 p: 831.459.0455 f: 831-459-0484

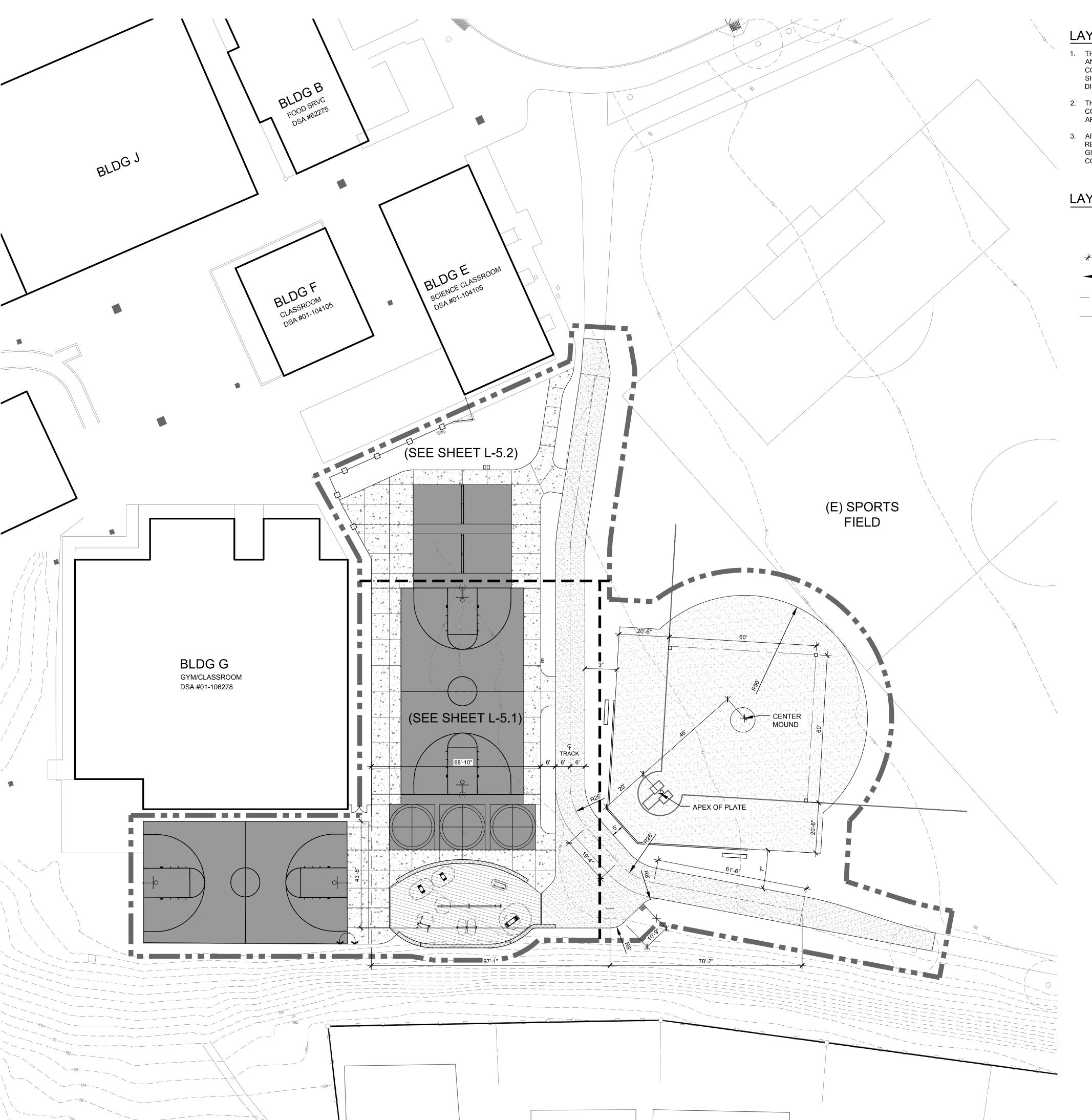
> www.ssala.com crla no. 2805



REVISIONS NO. DATE

DRAWN BY • CW CHECKED • CH SCALE • 1" = 20' - 0" DATE • 04. 02. 2021

GRADING PLAN



LAYOUT 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 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. AFTER ALL FORMS, REINFORCING, DOBIES AND JOINT MATERIALS ARE SECURED IN PLACE, CONTRACTOR SHALL OBTAIN REVIEW AND ACCEPTANCE BY THE OWNERS REPRESENTATIVE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL GIVE A MINIMUM 2 WORKING DAY NOTICE WHEN REQUESTING REVIEW. CONTRACTOR MAY BE BACK-CHARGED FOR COST OF REVIEW IF SITE IS FOUND NOT PREPARED AS SPECIFIED.

LAYOUT LEGEND

SYMBOL	DESCRIPTION
•	DATUM REFERENCE
* 1" *	LINEAR DIMENSION
R 4'-0" ×	RADIAL DIMENSION
	REFERENCE LINE
	CENTER LINE
	MATCH ALIGNMENT

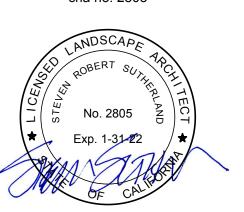
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 01-118814 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: 04/15/2021



LANDSCAPE ARCHITECTS

303 potrero street, suite 40-c santa cruz, ca 95060 p: 831.459.0455 f: 831-459-0484

> www.ssala.com crla no. 2805

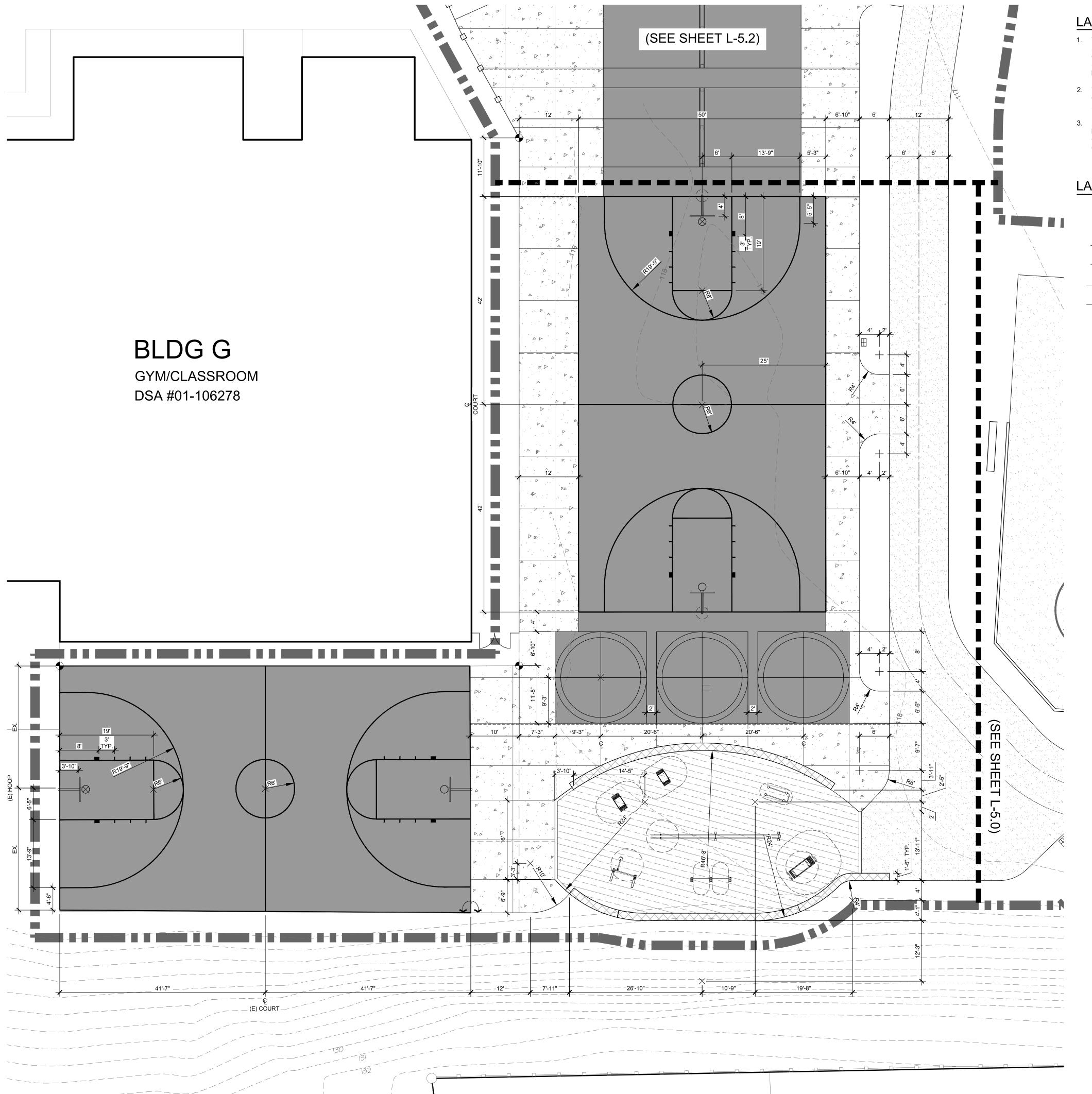


REVISIONS NO. DATE PURPOSE

DRAWN BY • CW CHECKED • CH

SCALE • 1" = 20' - 0" DATE • 04. 02. 2021

LAYOUT PLAN



LAYOUT 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 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. AFTER ALL FORMS, REINFORCING, DOBIES AND JOINT MATERIALS ARE SECURED IN PLACE, CONTRACTOR SHALL OBTAIN REVIEW AND ACCEPTANCE BY THE OWNERS REPRESENTATIVE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL GIVE A MINIMUM 2 WORKING DAY NOTICE WHEN REQUESTING REVIEW. CONTRACTOR MAY BE BACK-CHARGED FOR COST OF REVIEW IF SITE IS FOUND NOT PREPARED AS SPECIFIED.

LAYOUT LEGEND

SYMBOL	DESCRIPTION
•	DATUM REFERENCE
1"	LINEAR DIMENSION
R 4'-0" ×	RADIAL DIMENSION
	REFERENCE LINE
	CENTER LINE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP: 01-118814 INC:

REVIEWED FOR
SS FLS ACS D

DATE: 04/15/2021



LANDSCAPE ARCHITECTS
303 potrero street, suite 40-c

santa cruz, ca 95060 p: 831.459.0455 f: 831-459-0484

www.ssala.com crla no. 2805



SCHOOL PHASE 1 IMPROVEMENTS

YOUT PLAN

ISIONS DATE PURPOSE

DRAWN BY • CW

CHECKED • CH

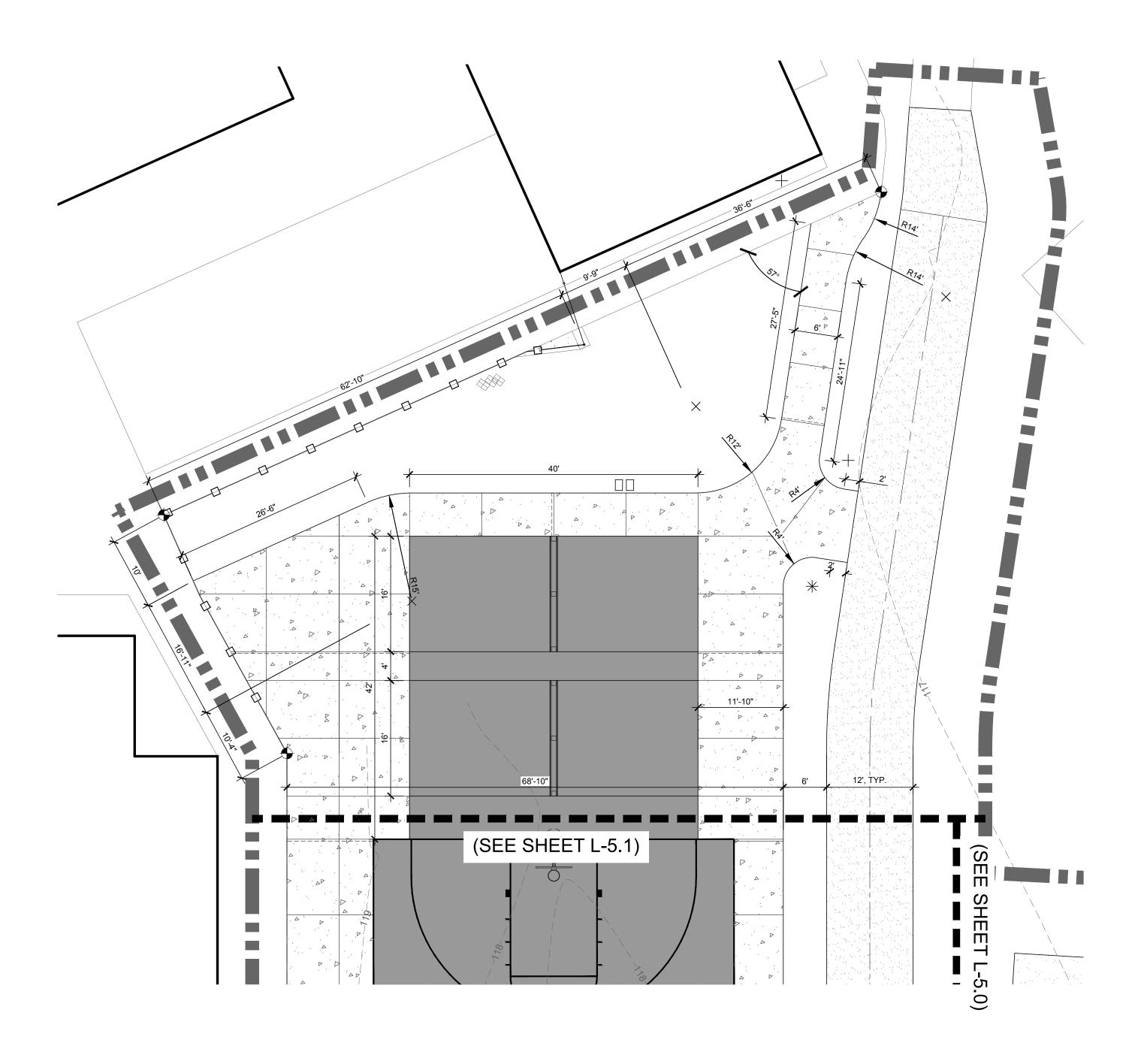
SCALE • 1" = 10' - 0"

DATE • 04. 02. 2021

LAYOUT PLAN

SHEET

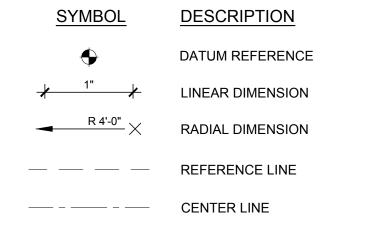
L-5.1



LAYOUT 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 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. AFTER ALL FORMS, REINFORCING, DOBIES AND JOINT MATERIALS ARE SECURED IN PLACE, CONTRACTOR SHALL OBTAIN REVIEW AND ACCEPTANCE BY THE OWNERS REPRESENTATIVE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL GIVE A MINIMUM 2 WORKING DAY NOTICE WHEN REQUESTING REVIEW. CONTRACTOR MAY BE BACK-CHARGED FOR COST OF REVIEW IF SITE IS FOUND NOT PREPARED AS SPECIFIED.

LAYOUT LEGEND



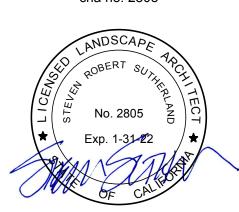
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 01-118814 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗸 DATE: 04/15/2021



303 potrero street, suite 40-c santa cruz, ca 95060 p: 831.459.0455

> www.ssala.com crla no. 2805

f: 831-459-0484

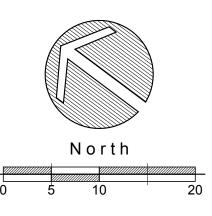


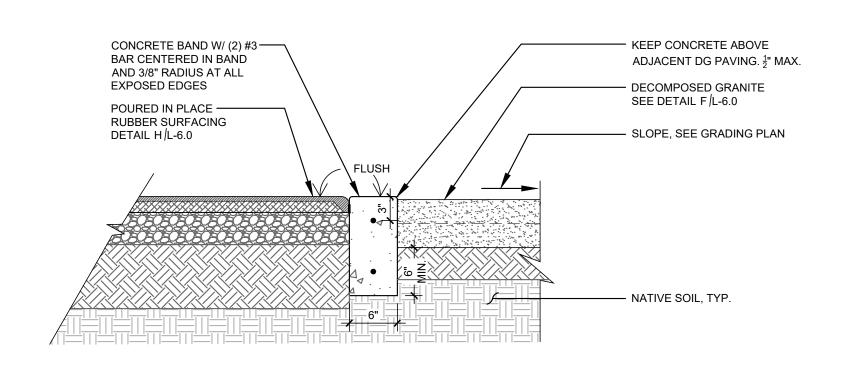
 EVISIO	NS ATE	PURPOSE	

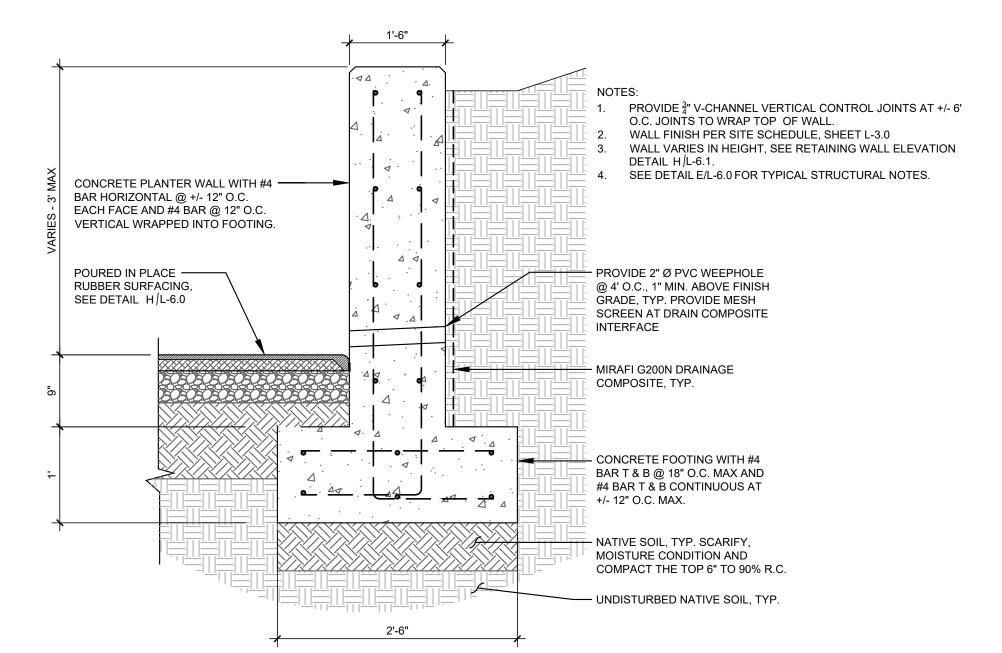
DR	AWN BY	•	CW
СН	ECKED	•	СН
SC	ALE	•	1" = 10' - 0"
DA	TE	•	04. 02. 2021

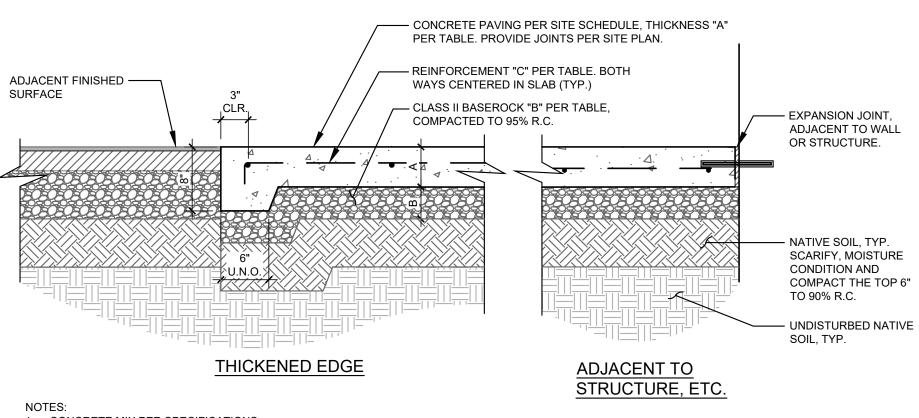
LAYOUT PLAN

L-5.2





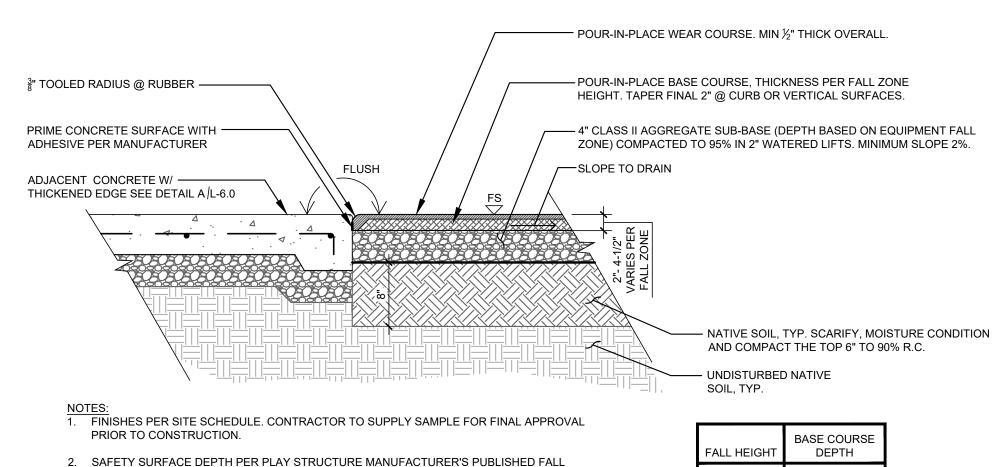


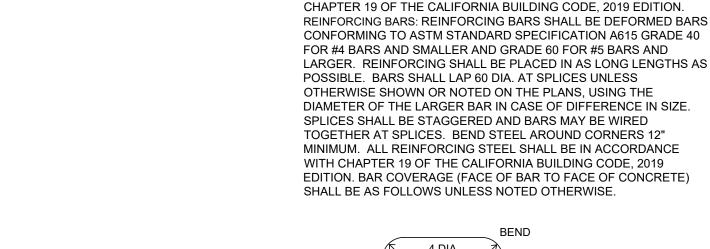


1. CONCRETE MIX PER SPECIFICATIONS.

2. THICKENED EDGE TO OCCUR WHERE CONCRETE SLAB MEETS PLANTING AREAS AND ADJACENT PAVING TYP. 3. CONCRETE JOINTING PER DETAIL B | L-6.0 AND AS SHOWN ON PLAN.

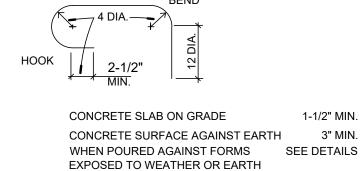
CONCRETE SECTION TABLE: PED: A = 4", B = 4", C = #4 @18'





D RETAINING SEAT WALL

SCALE:1" = 1'-0"



3" MIN.

2" MIN.

CONCRETE: CONCRETE SHALL BE PROPORTIONED TO GIVE A 28 DAY

COMPRESSIVE STRENGTH OF AT LEAST 2500 PSI FOR SLABS AND

FOUNDATIONS. THE SLUMP SHALL BE THE MINIMUM CONSISTENT

ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH

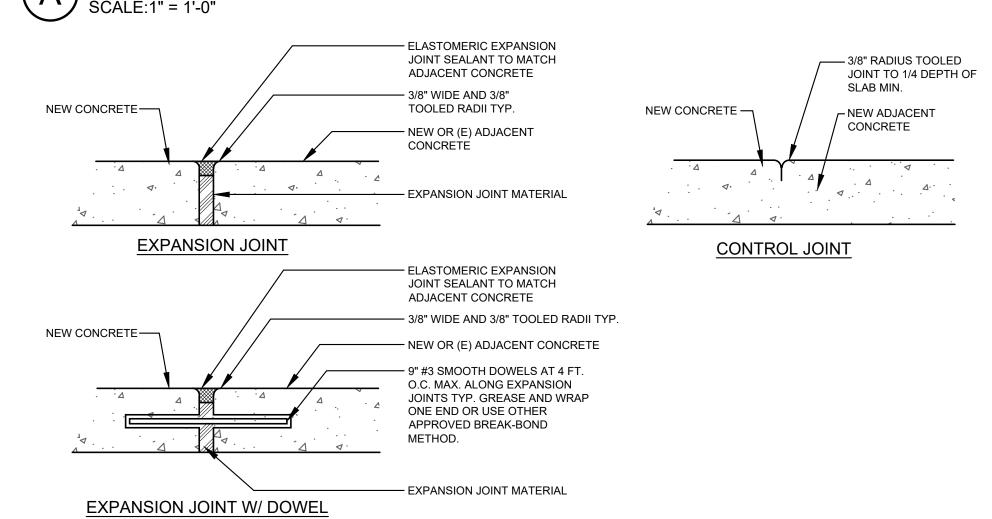
EXCEED 4 INCHES. MAXIMUM WATER: CEMENT RATIO SHALL BE 0.50.

WITH THE CONDITION OF PLACING BUT IN GENERAL SHALL NOT

BARS SHALL HAVE BENDS AND HOOKS AS FOLLOWS EXCEPT AS OTHERWISE SHOWN OR NOTED:

ALL OTHERS

SCALE:1" = 1'-0"



1. CONTROL JOINT SPACING TO BE EQUAL TO WIDTH OF WALK, I.E. 6' WIDE WALK WITH 6' O.C., NOT TO EXCEED 2' IN EACH DIRECTION FOR EACH INCH OF CONCRETE THICKNESS, UNLESS SHOWN ON SITE PLAN. EXPANSION JOINT SPACING TO BE 3X CONTROL JOINT SPACING, NOT TO EXCEED 30'-0", U.N.O. ON PLAN. 3. CUT ALL REBAR OR MESH AT EXPANSION JOINTS TO ALLOW HORIZONTAL MOVEMENT. DO NOT CUT DOWELS. 4. ZIP-TOP CONTROL JOINTS ARE NOT ACCEPTABLE.

5. ALL EXPANSION JOINTS TO BE WITH DOWEL U.N.O.

POURED IN PLACE RUBBER SURFACING SCALE: 1" = 1'-0"

HEIGHT. SEE PLANS FOR MORE INFORMATION. CONTRACTOR IS RESPONSIBLE FOR

4. COLOR COURSE SEAMS @ COLD SEAM COLOR CHANGE SHALL BE NOTCHED.

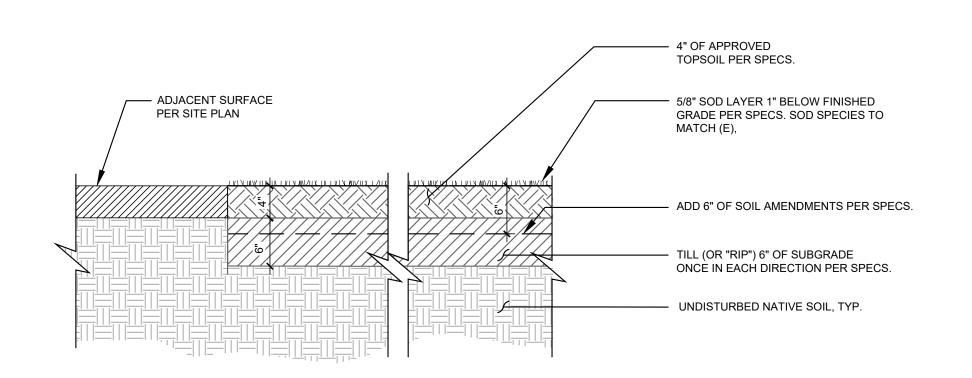
5. SUBGRADE SLOPE MAY BE DIFFERENT THAN FINISH SURFACE SLOPE. IT IS THE

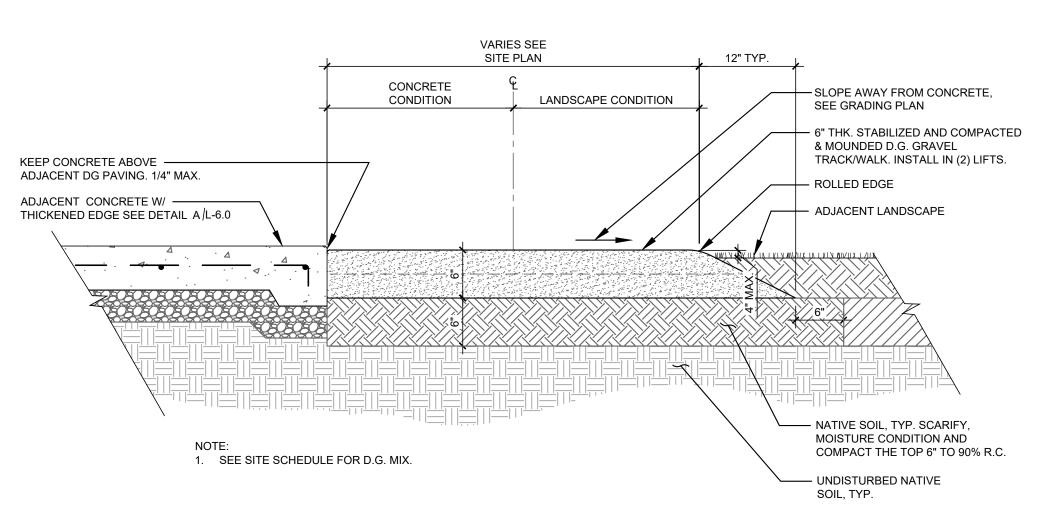
3. TOLERANCE OF AGGREGATE SHALL BE WITHIN 3/8" IN 10'-0".

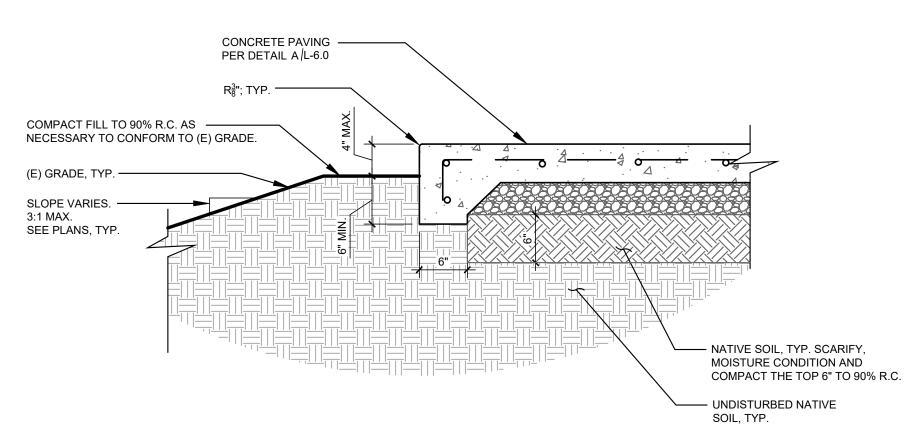
POSITIVE DRAINAGE OF SUBGRADE IS PROVIDED.

COORDINATING CLASS II A.B. DEPTHS BASED ON REQUIRED SAFETY SURFACING DEPTH.

CONTRACTOR'S RESPONSIBILITY TO ENSURE ADEQUATE BASE COURSE THICKNESS AND





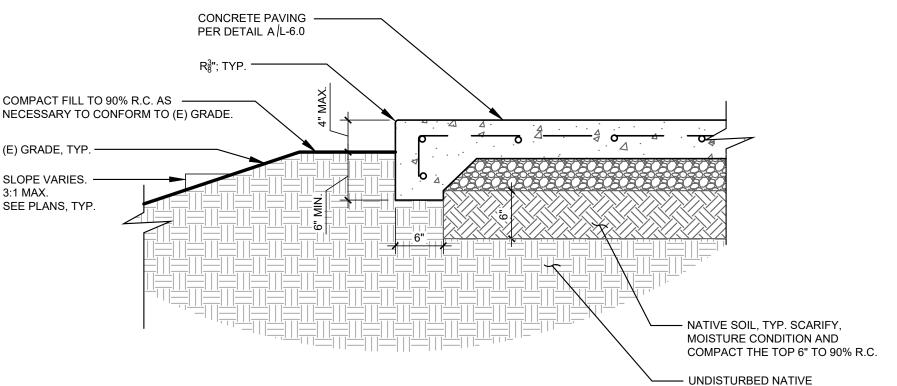


F DECOMPOSED GRANITE TRACK

SCALE: 1" = 1'-0"

CONCRETE WALKWAY AT GRADE

SCALE:1" = 1'-0"



CONSTRUCTION **DETAILS**

DRAWN BY • CW

CHECKED • CH

SCALE ● 1" = 20' - 0"

• 04. 02. 2021

• 180006.01

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC

REVIEWED FOR

SS 🗹 FLS 🗹 ACS 🗹

APP: 01-118814 INC:

LANDSCAPE ARCHITECTS

303 potrero street, suite 40-c

santa cruz, ca 95060

p: 831.459.0455

f: 831-459-0484

www.ssala.com

crla no. 2805

No. 2805

DE

ONSTRUCTION

REVISIONS NO. DATE

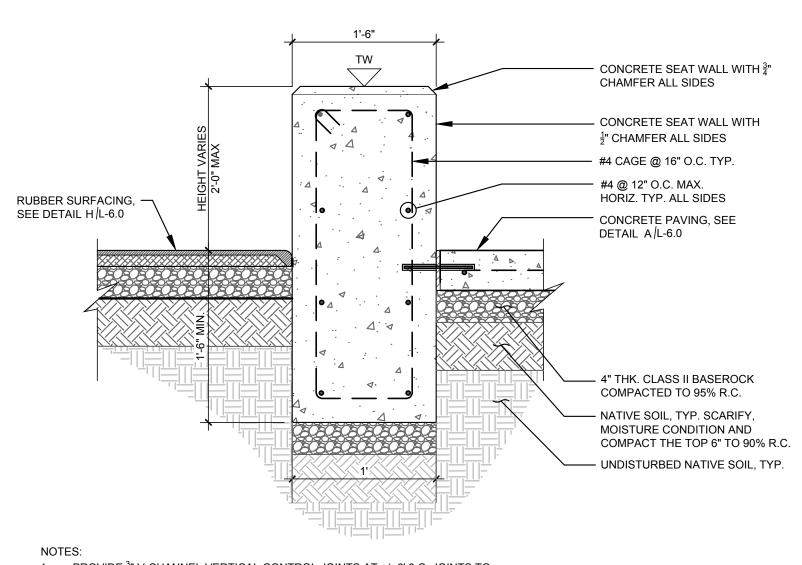
SHEET

2" MIN.

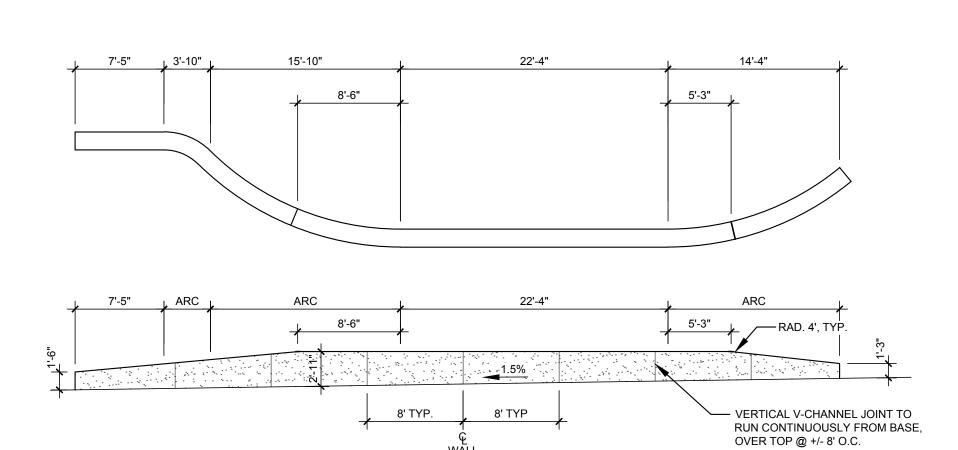
2-1/2"

3-1/2"

4-1/2"



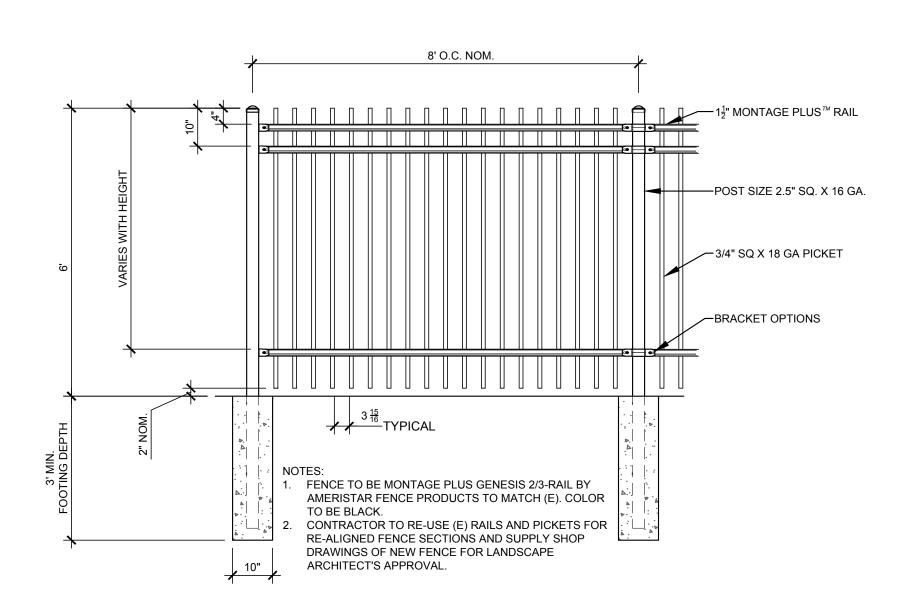
 PROVIDE ³/₄" V-CHANNEL VERTICAL CONTROL JOINTS AT +/- 6' 0.C. JOINTS TO WRAP TOP OF WALL. ALIGN JOINTS WITH RAIL POSTS WHERE POSSIBLE. 2. WALL FINISH PER SITE SCHEDULE, SHEET L-3.1



1. PROVIDE $\frac{3}{4}$ " V-CHANNEL VERTICAL CONTROL JOINTS AT +/- 6' 0.C. JOINTS TO WRAP TOP OF WALL.

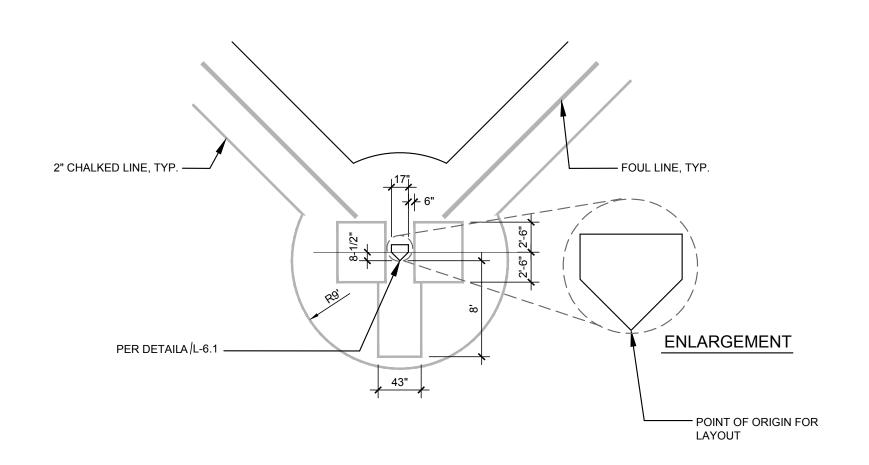
RETAINING WALL ELEVATION SCALE: 1/8" = 1'-0"

2. WALL FINISH PER SITE SCHEDULE, SHEET L-3.1

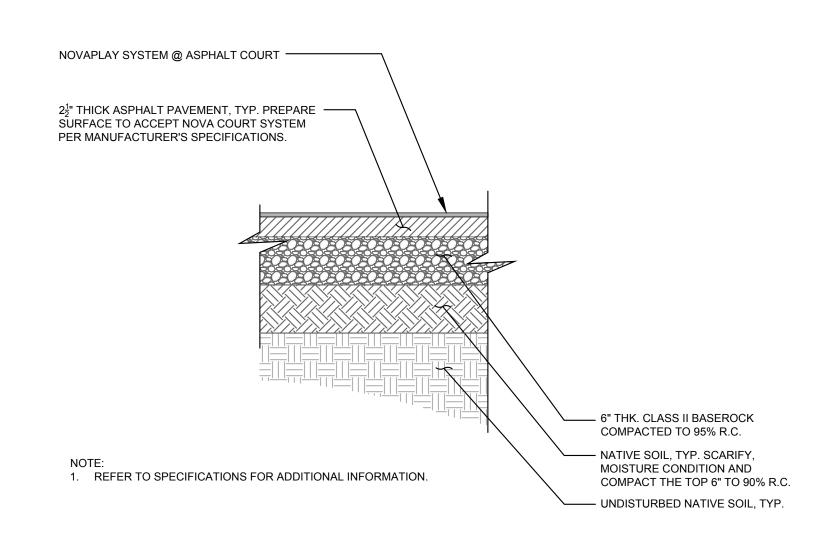


TUBE STEEL FENCE

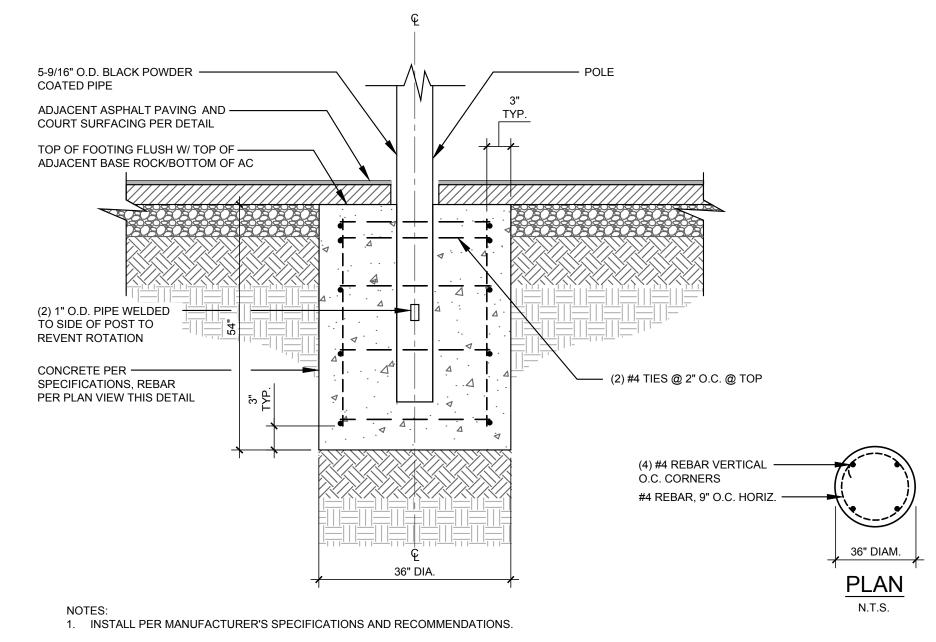
SCALE:1/2" = 1'-0"



BASEBALL HOME PLATE ENLARGEMENT SCALE:1/8" = 1'-0"



ASPHALT PAVING WITH COURT SURFACING SCALE:1" = 1'-0"

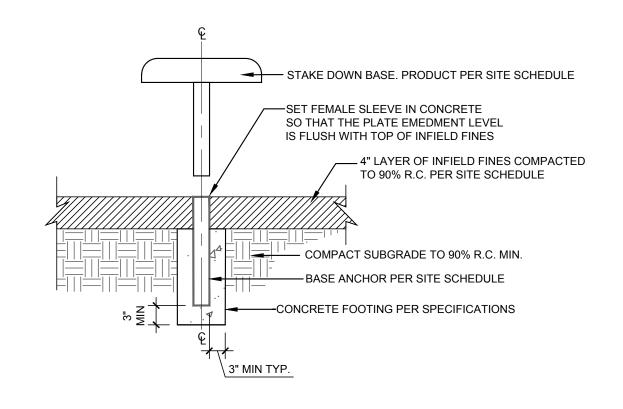


BASKETBALL POST FOOTING

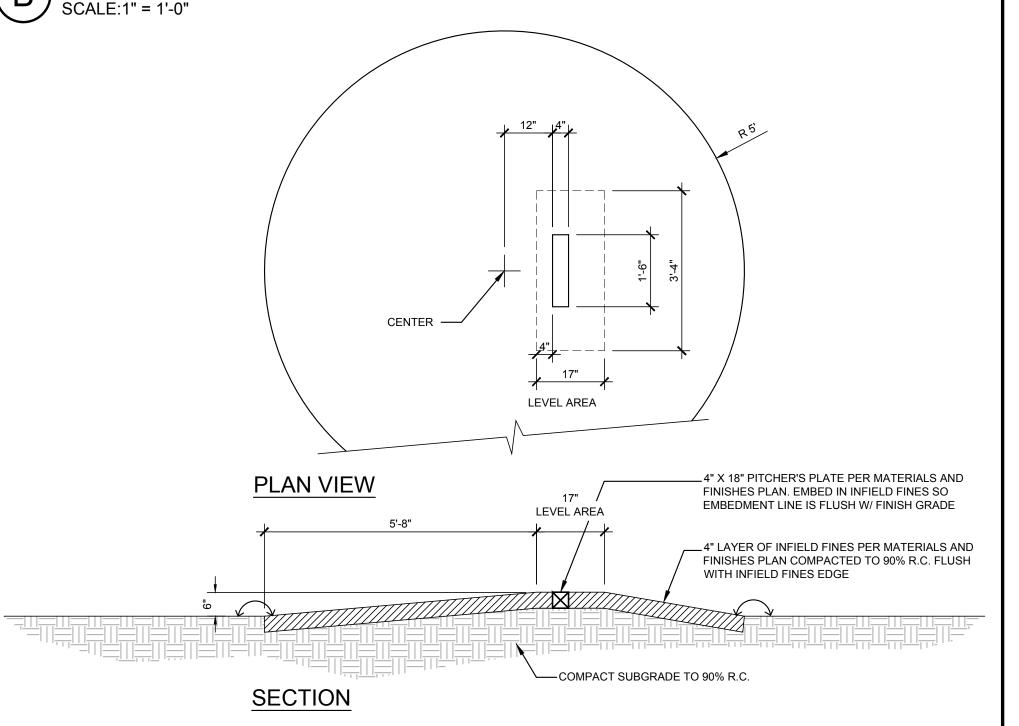
SCALE: 1" = 1'-0"

- STAKE DOWN HOME PLATE. PRODUCT EMBEDMENT--PER SITE SCHEDULE LEVEL SET FEMALE SLEEVE IN CONCRETE SO THAT THE PLATE EMEDMENT LEVEL IS FLUSH WITH TOP OF INFIELD FINES 4" LAYER OF INFIELD FINES COMPACTED TO 90% R.C. PER SITE SCHEDULE - COMPACT SUBGRADE TO 90% R.C. - BASE ANCHOR PER SITE SCHEDULE - CONCRETE FOOTING PER SPECIFICATIONS 3" MIN TYP.

A HOME PLATE SET IN INFIELD FINES SCALE:1" = 1'-0"



BASE SET IN INFIELD FINES SCALE:1" = 1'-0"



BASEBALL PITCHERS MOUND

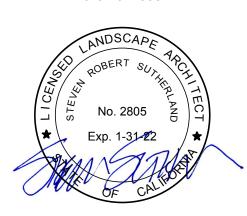
SCALE:1/2" = 1'-0"

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 01-118814 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹



santa cruz, ca 95060 p: 831.459.0455 f: 831-459-0484

> www.ssala.com crla no. 2805



CONSTRUCTION REVISIONS NO. DATE

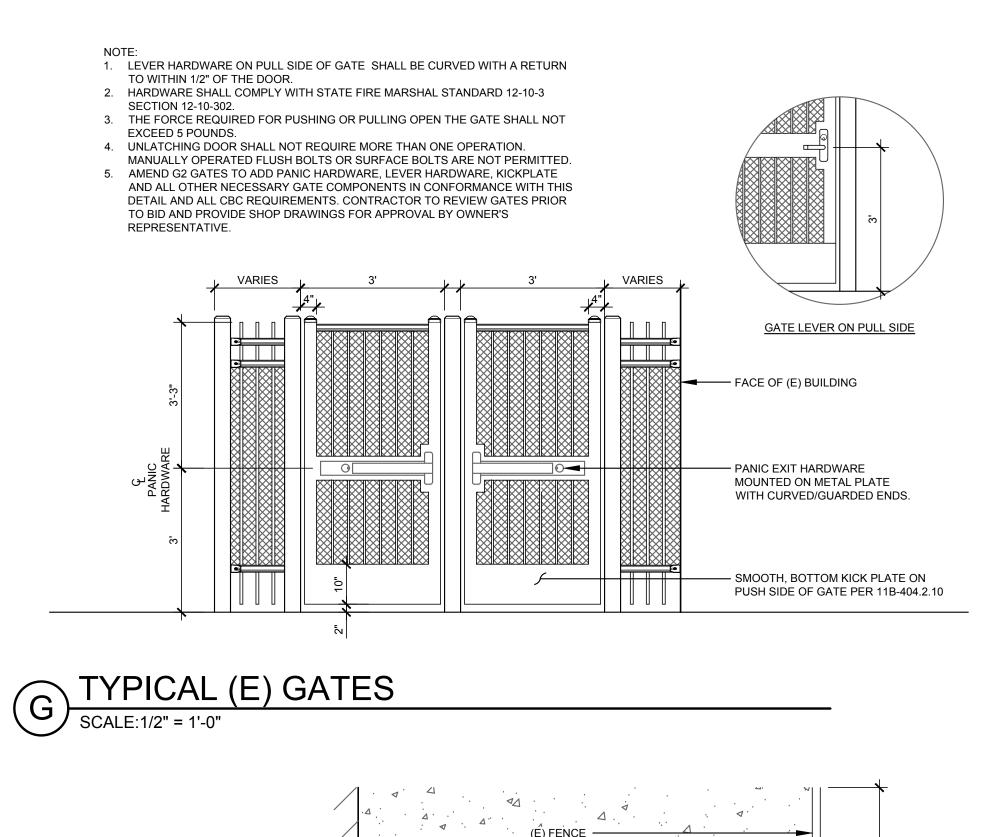
DRAWN BY • CW CHECKED • CH SCALE • 1" = 20' - 0" • 04. 02. 2021

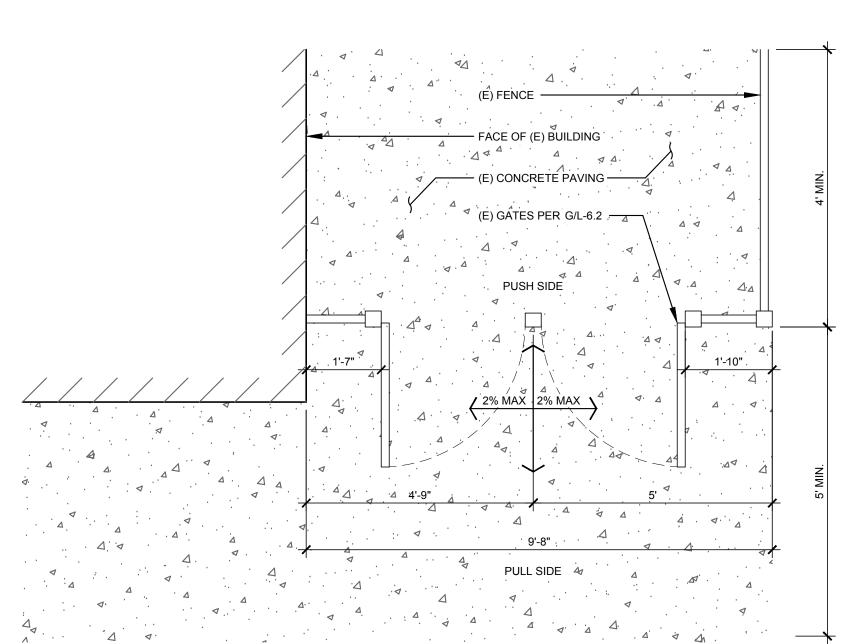
> CONSTRUCTION DETAILS

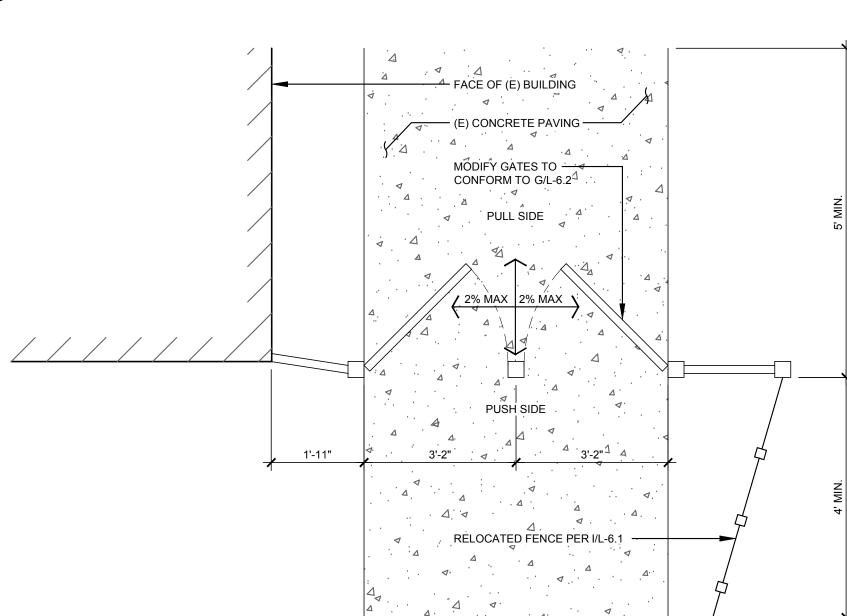
• 180006.01

SHEET

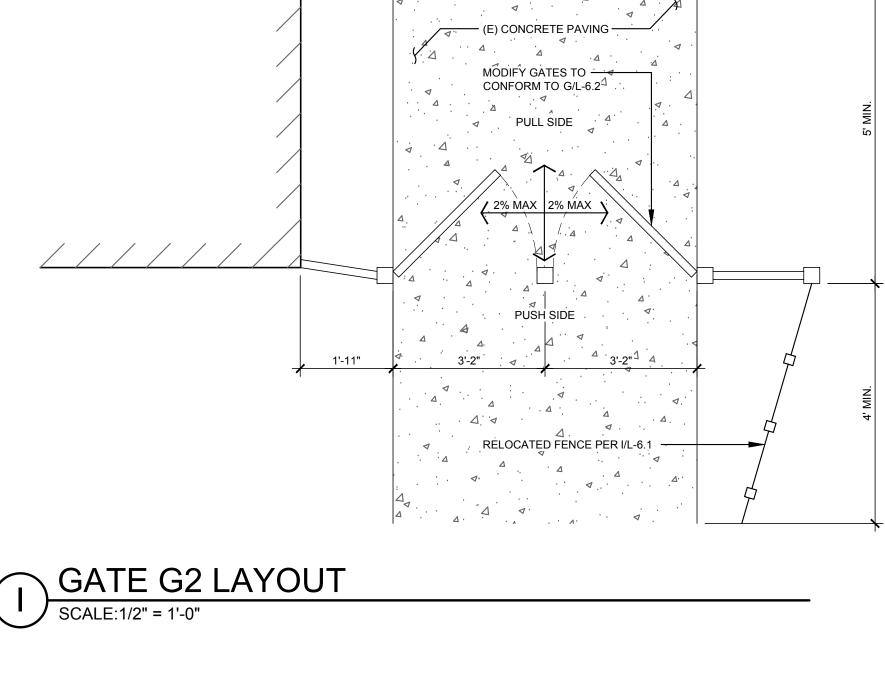
L-6.¹

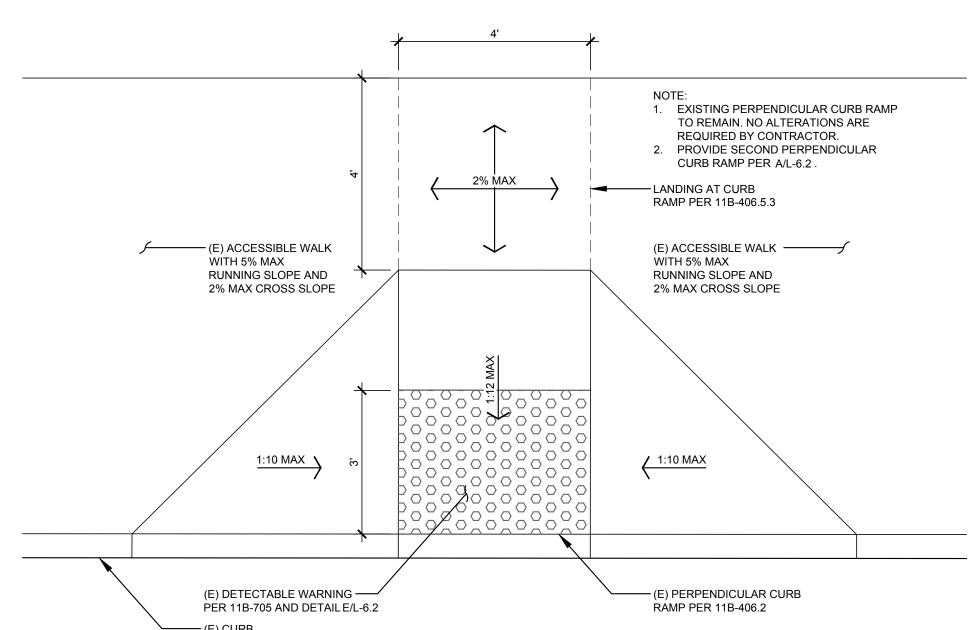


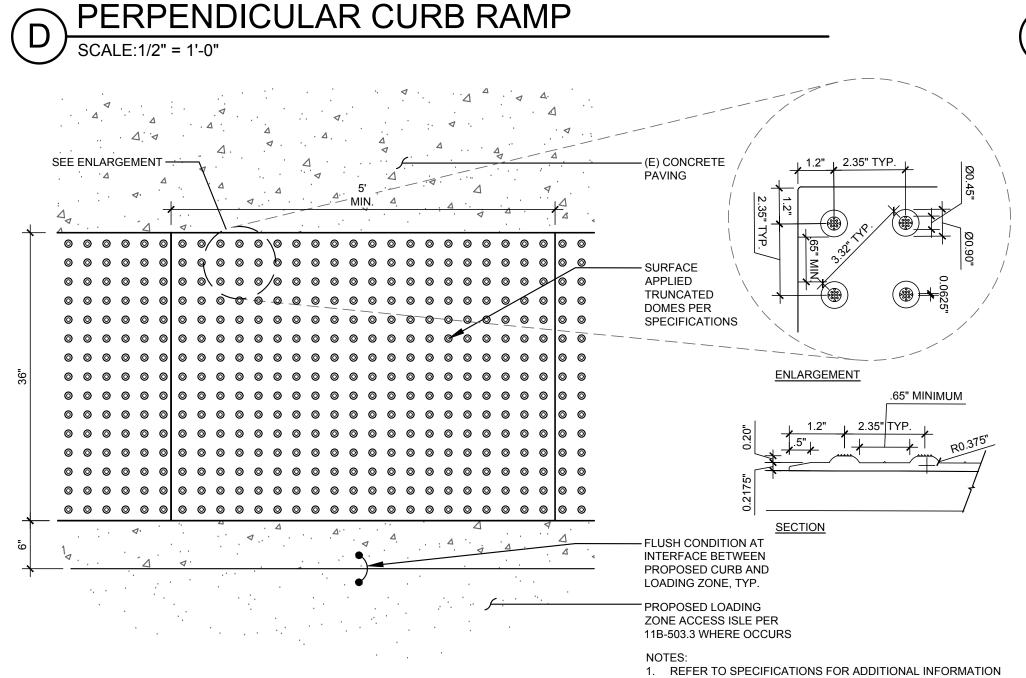




GATE G1 LAYOUT

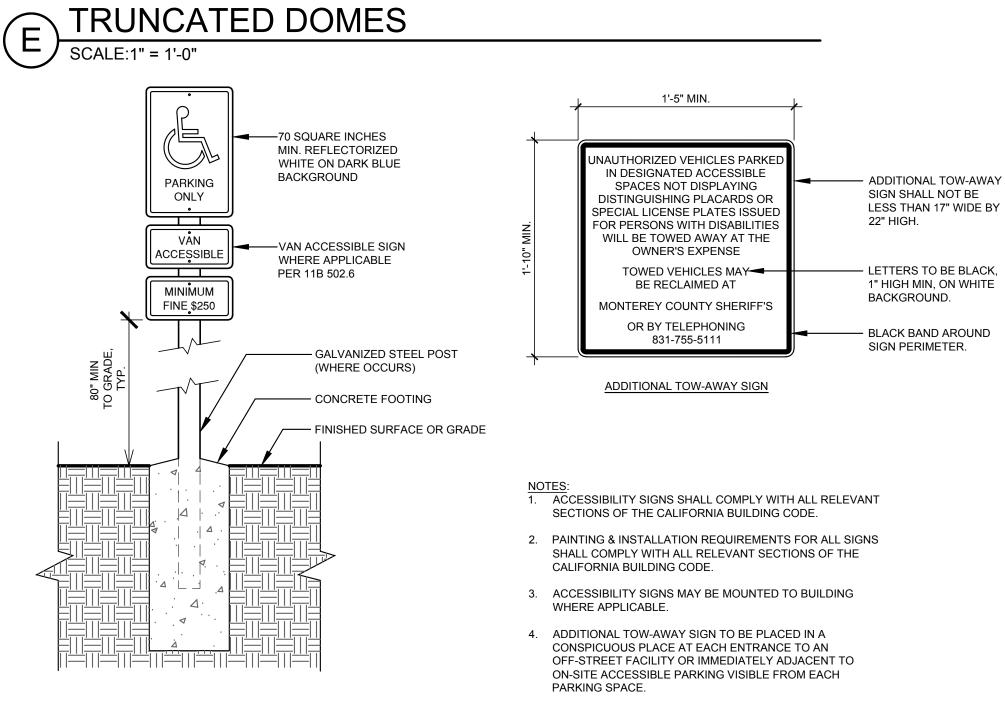




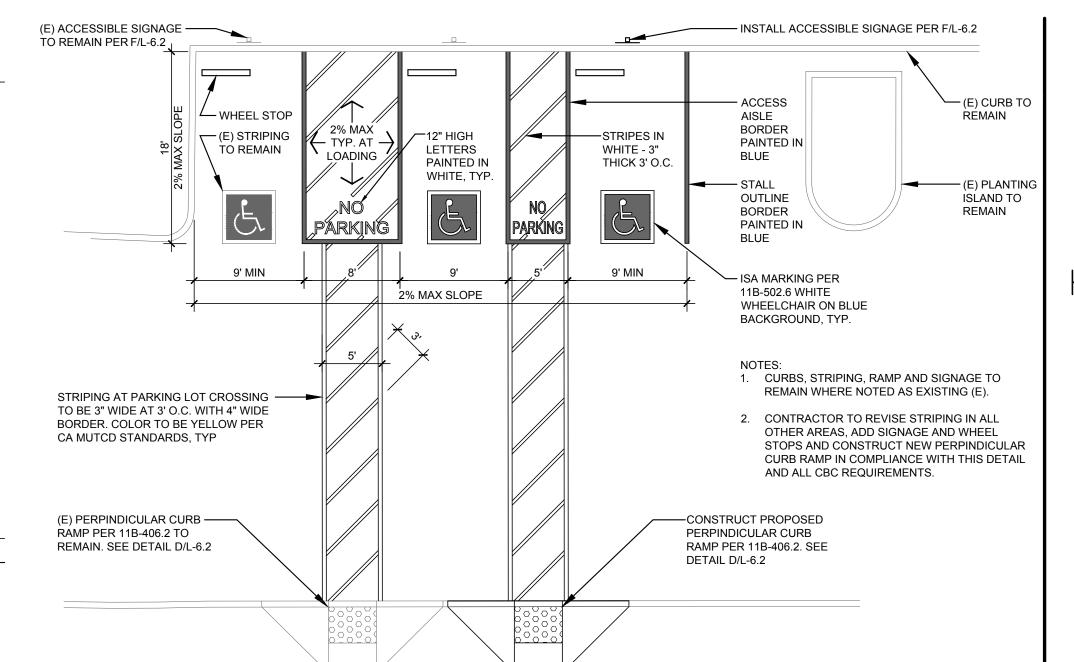


2. REFER TO CBC CHAPTER 11B-705

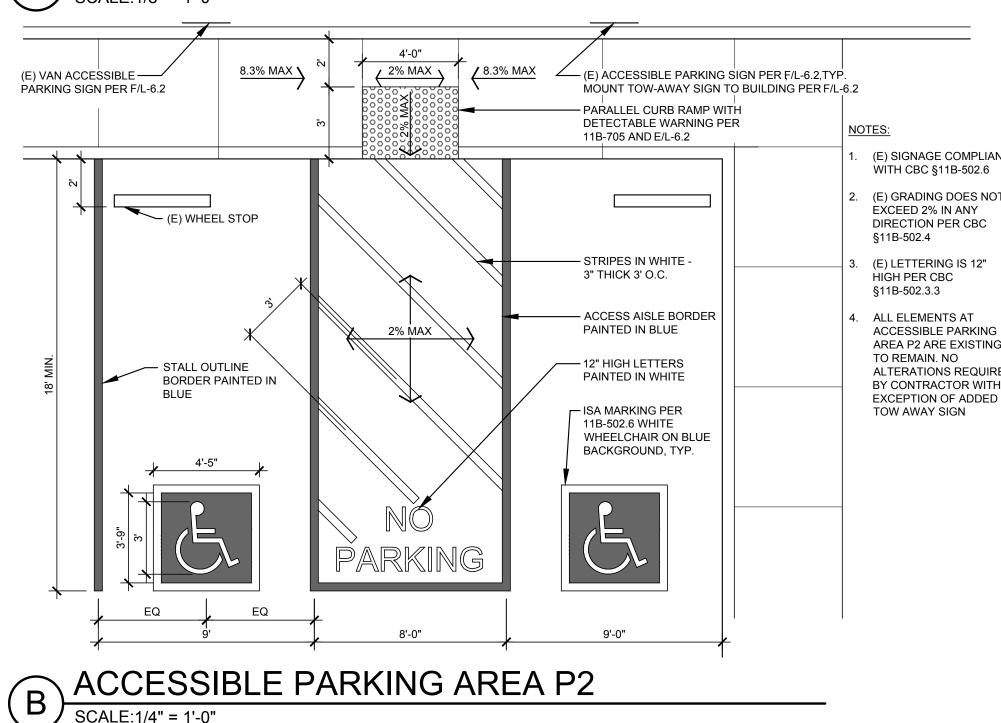
3. INSTALL PER MANUFACTURER'S SPECIFICATIONS

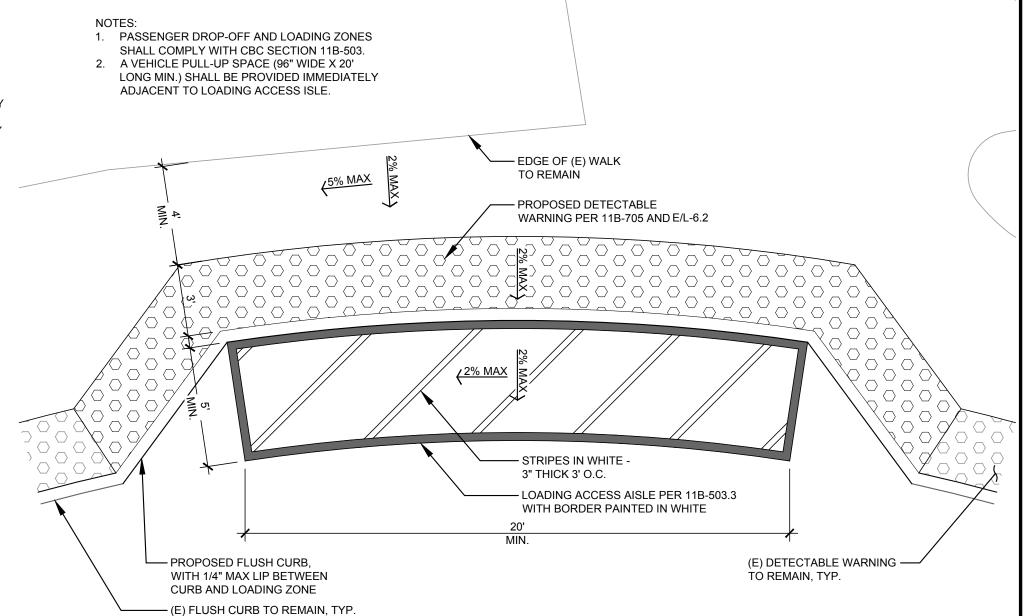






ACCESSIBLE PARKING AREA P1





C PASSENGER DROP-OFF AND LOADING ZONE

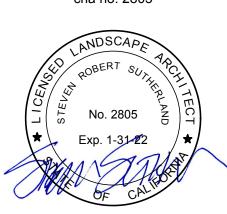
SCALE:1/4" = 1'-0"

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 01-118814 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: 04/15/2021



303 potrero street, suite 40-c santa cruz, ca 95060 p: 831.459.0455 f: 831-459-0484

> www.ssala.com crla no. 2805

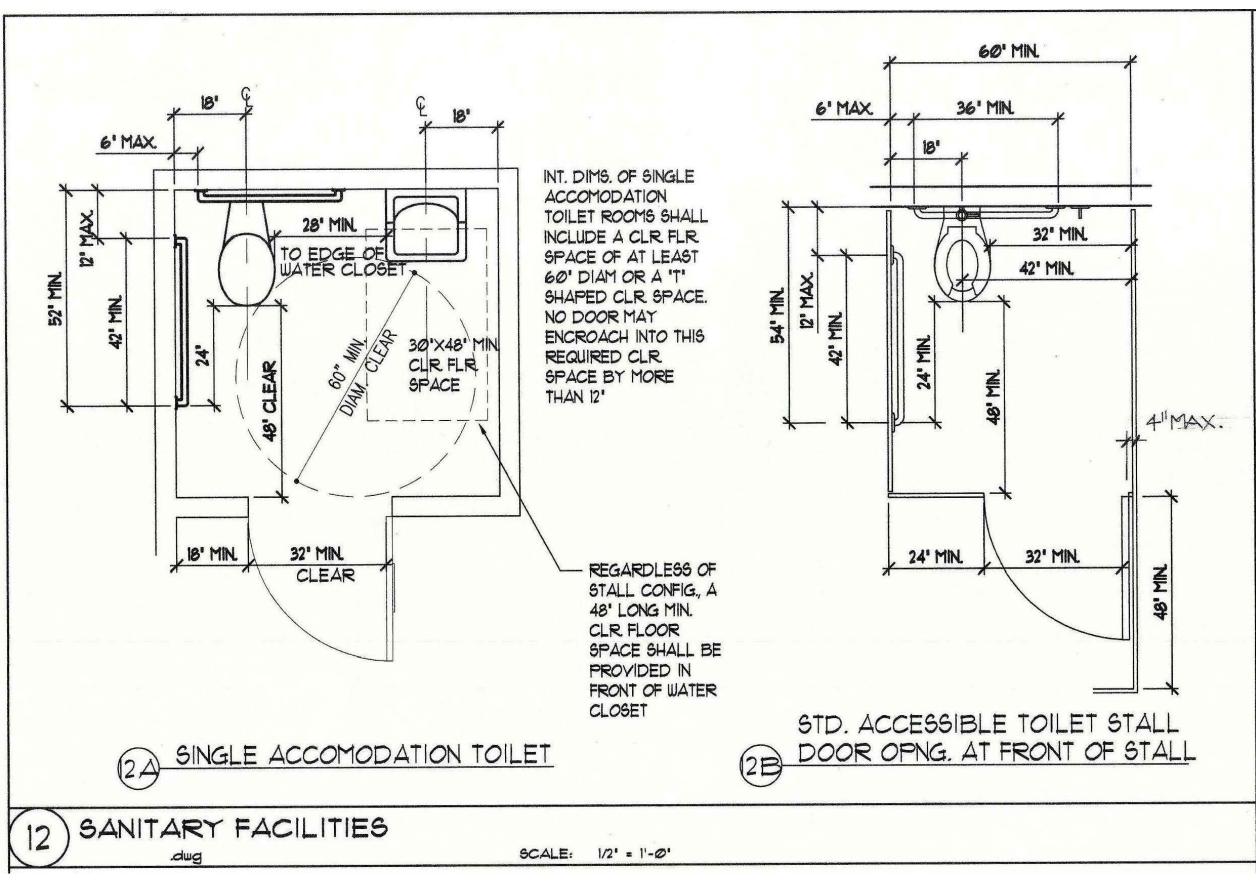


DETAIL ONSTRUCTION

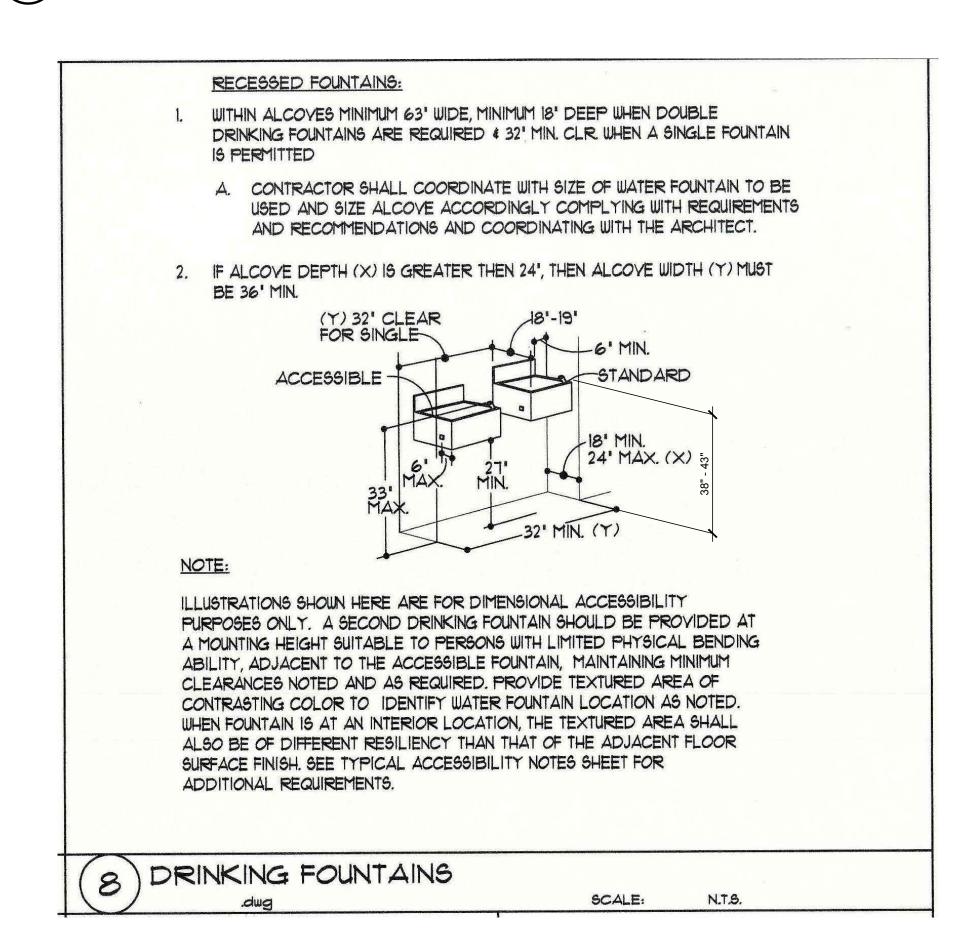
REVISIONS NO. DATE PURPOSE DRAWN BY • CW CHECKED • CH SCALE • 1" = 20' - 0" • 04. 02. 2021 • 180006.01

CONSTRUCTION **DETAILS**

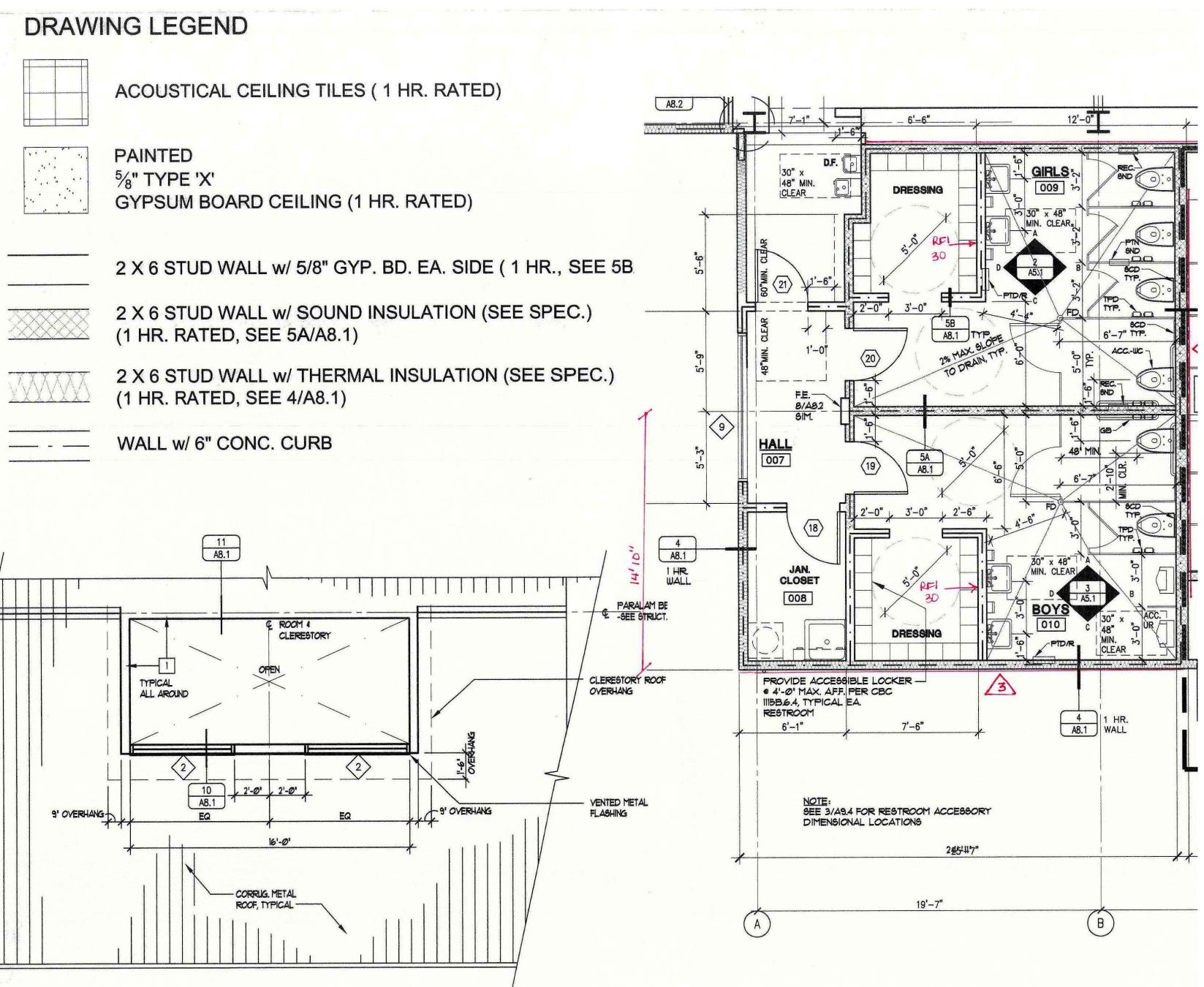
L-6.2



ACCESSIBLE STALL ENLARGEMENT SCAL F:1/2" = 1'-0"



EXISTING DRINKING FOUNTAIN ENLARGEMENT



ENLARGED EXISTING RESTROOM PLAN - (NO WORK - SHOWN FOR ACS COMPLIANCE PURPOSES ONLY)

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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP: 01-118814 INC:

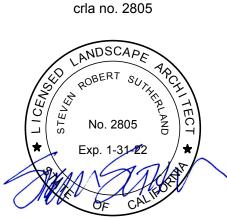
REVIEWED FOR

SS FLS ACS
DATE: 04/15/2021



03 potrero street, suite 40 santa cruz, ca 95060 p: 831.459.0455 f: 831-459-0484

www.ssala.com



EXISTING RESTROOM ENLARGEMENT
BUENA VISTA MIDDLE SCHOOL PHASE 1 IMPROVEMEN

REVISIONS NO. DATE PURPOSE

DRAWN BY • CW

CHECKED • CH

DATE • 04. 02. 2021

EXISTING RESTROOM ENLARGEMENT

L-7.0

L.A. STEELCRAFT - BALL WALL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 01-118814 INC: **REVIEWED FOR** SS 🗹 FLS 🗹 ACS 🗹

DRAWING ORGANIZATION

CONTRACTOR'S STATEMENT OF RESPONSIBILITY

CODES, RULES, AND REGULATION

LIST OF 2016 CALIFORNIA CODE OF REGULATIONS (C.C.R.): APPLICABLE CODE AS OF JAN. I 2011

PART 1 2016 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, TITLE 24 C.C.R.

(2015 INTERNATIONAL BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL,

WITH CALIFORNIA AMENDMENTS)

PART 3 2016 CALIFORNIA ELECTRIC CODE, TITLE 24 C.C.R.

(2014 NATIONAL ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION,

NEEDA)

(2014 NATIONAL ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, NFPA)

PART 4 2016 CALIFORNIA MECHANICAL CODE, TITLE 24 C.C.R.
(2015) UNIFORM MECHANICAL OFFICIALS, IAPMO)

PART 5 2016 CALIFORNIA PLUMBING CODE, TITLE 24 C.C.R.
(2015) UNIFORM PLUMBING CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, IAPMO)

PART 6 2016 CALIFORNIA ENERGY CODE, TITLE 24 C.C.R.

PART 1 CURRENT! Y VACANT

PART 8 2016 CALIFORNIA HISTORICAL BUILDING CODE, TITLE 24 C.C.R.
(2015) INTERNATIONAL FIRE CODE OF THE INTERNATIONAL CODE COUNCIL)

PART 10 2016 CALIFORNIA EXISTING BUILDING CODE, TITLE 24 C.C.R.
(2015) INTERNATIONAL EXISTING BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL, WITH AMENDMENTS)

PART II 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN CODE), TITLE 24 C.C.R.

PART II 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN CODE), TITLE 24 C.C.R.

PART 12 2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 C.C.R.

NOTE: WHERE WORK OF A HIGHER DEGREE IS INDICATED ON THE PLANS OR IN THE SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT SHALL GOVERN.

GENERAL NOTES:

- EACH SUBCONTRACTOR SHALL VISIT THE SITE AND INSPECT THE PREMISES TO BE IMPROVED AND SHALL VERIFY THE WORK TO BE DONE, THE EXISTING CONDITIONS, AND SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY AND ALL DISCREPANCIES PRIOR TO SUBMITTING BID AND STARTING OF ANY WORK, GENERAL CONTRACTOR SHALL NOTIFY THE OWNER OF ANY AND ALL DISCREPANCIES PRIOR TO SUBMITTING BID AND STARTING OF ANY WORK.
- ALL WORK SHALL BE DONE IN THE BEST WORKMANLIKE MANNER AND MUST BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL LOCAL GOVERNING AGENCIES. FURTHERMORE, ALL WORK SHALL MEET WITH THE APPROVAL OF THE OWNER.
- WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB, AND ASSOCIATED DESIGN & ENGINEERING, INC. OR THEIR AGENTS SHALL BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS SHALL BE REVIEWED BY ASSOCIATED DESIGN & ENGINEERING, INC. BEFORE PROCEEDING WITH FABRICATION.
- THIS SET OF DRAWINGS, DESIGN AND/OR SPECIFICATION ARE THE EXCLUSIVE PROPERTY OF ASSOCIATED DESIGN & ENGINEERING, INC. ITS ACCEPTANCE CONSTITUTES AN AGREEMENT THAT IT SHOULD BE TREATED AS A STRICTLY CONFIDENTIAL DOCUMENT TO BE USED FOR NOT PURPOSE OTHER THAN TO AID IN THE ASSEMBLY, CONSTRUCTION OR OPERATION OF THE UNITS OR SYSTEMS SHOWN FOR THIS SPECIFIC PROJECT ONLY, OR AS OTHERWISE EXPRESSLY AUTHORIZED IN WRITING BY ASSOCIATED DESIGN & ENGINEERING, INC.: THAT IT IS TO BE RETURNED UPON REQUEST; AND IS NOT TO BE COMMUNICATED, DISCLOSED, OR COPIED, EXCEPT AS EXPRESSLY AUTHORIZED IN WRITING BY ASSOCIATED DESIGN & ENGINEERING, INC. EXPRESSLY RESERVES ITS COMMONLAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE REPRODUCED, CHANGED, OR COPIED IN ANY FORM OR MANNER WHATSOEVER, NOR ARE THEY TO BE ASSIGNED TO A THIRD PARTY WITHOUT FIRST OBTAINING THE WRITTEN PERMISSION AND CONSENT OF ASSOCIATED DESIGN & ENGINEERING, INC. IN THE EVENT OF UNAUTHORIZED REUSE OF THESE PLANS BY A THIRD PARTY, THE THIRD PARTY SHALL HOLD ASSOCIATED DESIGN & ENGINEERING, INC. HARMLESS AND SHALL BEAR THE FINANCIAL RESPONSIBILITY OF ASSOCIATED DESIGN'S LEGAL COSTS.
- ALL MATERIALS, EQUIPMENT AND SYSTEMS CALLED FOR ON PLANS AND IN THESE SPECIFICATIONS SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S LATEST SPECIFICATIONS.
- ANY SUBSTITUTIONS TO THE MATERIALS AND/OR EQUIPMENT SPECIFIED MUST BE APPROVED BY THE OWNER. CONTRACTOR SHALL SUBMIT REQUEST FOR SUBSTITUTIONS AT THE TIME OF BID SUBMISSION. PRIOR TO START OF CONSTRUCTION, THE GENERAL CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS AND SPECIFICATIONS.
- ANY DISCREPANCIES OR ERRORS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT FOR CORRECTIONS BEFORE THE WORK EFFECTED THEREBY IS BIDDED OR EXECUTED. THE WORK SHALL COMPLY IN EVERY RESPECT WITH CURRENT GOVERNING LAWS, UNIFORM BUILDING CODE AND ORDINANCES. ALL AGENCIES AND UTILITY COMPANYS SHALL BE GIVEN NECESSARY NOTICES RELATING TO THE WORK. CONTRACTOR SHALL OBTAIN AND PAY FOR ANY PERMITS OR NOTICES. ALL TESTING AND INSPECTION SERVICES SHALL BE PAID DIRECTLY BY THE OWNER.
- SANITARY TOILET IS REQUIRED ON-SITE DURING CONSTRUCTION (2016 CBC 3305.1)
- PORTABLE FIRE EXTINGUISHERS SHALL COMPLY WITH (2016 CBC 906 AND THE 2016 CFC 2005 \$ 906).

NOTES

COMPLETE SPECIFICATIONS FOR THIS PC INCLUDES THE "WET SIGNED" STRUCTURAL DRAWINGS SHEETS CI.O AND AI.O AND THE CALCULATIONS PACKAGE A SEPARATE DOCUMENT WITH THE FOLLOWING TABLE OF CONTENTS.

ELEVATION DIAGRAM

DESIGN ASSUMPTIONS

LATERAL DESIGN LOADING (WIND / SEISMIC)

FREE STANDING WALL LOADING (ASCE 7-10)

COLUMN/POST DESIGN CALCULATIONS

FOOTING DESIGN CALCULATIONS

SPANDREL AND CONNECTION DESIGN CALCULATIONS COLUMN EMBEDMENT INTO FOOTING

MISCELLANEOUS CALCULATION SUPPORT DOCUMENTS

APPENDIX 'A' - CEMCO STUD

APPENDIX 'B' - MISCELLANEOUS STRUCTURAL TUBING

APPENDIX 'C' - TEK SELF-TAPPING SCREW DATA

APPENDIX 'D' - DART SELF-TAPPING SCREW DATA

APPENDIX 'E' - STRUCTURAL TESTS AND INSPECTIONS (DSA-IO3)

APPENDIX 'F' - PAINTS AND SEALANTS

THIS PC APPROVAL IS LIMITED TO THE L.A. STEELCRAFT BALL WALL AS DETERMINED ON THIS COVER SHEET AND AI.O. THE DISTRICT (OWNER) IS RESPONSIBLE FOR THE SUBMITTAL TO D.S.A. AND THE APPROVAL BY D.S.A. OF THE SITE PLAN WHICH LOCATES THIS PC APPROVED BALL WALL ON THE PARTICULAR SITE.

- ALL WORK SHALL CONFORM TO THE LATEST EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) AND 2016 CALIFORNIA BUILDING CODE (CBC).
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CHANGE ORDERS APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART I, TITLE 24, CCR.
- A 'DSA CERTIFIED' PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART I, TITLE 24, CCR)
- THE EXCAVATION OF THE FOOTINGS SHALL BE INSPECTED BY A GEOTECHNICAL ENGINEER EMPLOYED BY THE DISTRICT (OWNER).
- THE CONTRACTOR SHALL KEEP THE PROJECT ARCHITECT INFORMED OF CONSTRUCTION PROGRESS SO THAT CONSTRUCTION REVIEW CAN BE SCHEDULED AT THE PROPER CONSTRUCTION STAGE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING ALL SPECIFIED INSPECTIONS AND TESTING WITH THE INSPECTION/TESTING AGENCY. SEE SPECIFICATIONS FOR REQUIRED INSPECTIONS AND TESTINGS REQUIRED.
- SPECIAL INSPECTION OF THE WELDING IS REQUIRED BY AN AWS CERTIFIED INSPECTOR EMPLOYED BY THE DISTRICT
- A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) SHALL INSPECT ALL WORK, DSA CERTIFIED INSPECTOR FOR SITE CLASS 3.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL BOARD SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- LATERAL RESISTING SYSTEM EQUIVALENT LATERAL FORCE PROCEDURE FOUNDATION CAST IN PLACE PIERS TESTING & INSPECTIONS PER TABLE PROVIDED SEE DSA FORM 103, APPENDIX E OF SUPPORT DOCUMENTS
- 12. FIRE SPRINKLERS NOT REQUIRED.
- BALL WALL:
 ASCE 7-10: NON-BUILDING STRUCTURE
 SIGNS & BILLBOARDS W/ CANTILEVERED
 COLUMNS (ASCE 7-10, TABLE 15.4.2)
- DESIGN CRITERIA: WIND: IIO MPH, EXP. C, RISK CATEGORY II Cf VARIES (Cf MAX=2.64), 50 PSF MAX. (ASD = 30.0 PSF). [VARIES] SEISMIC: I=I.O, RISK CAT. I (OTHER STRUCTURES) [WIND GOVERNS DESIGN]

 S₅ = 2.98 MAX., S₁ = 1.30 MAX.
 SITE CLASS D (FOR MAX LOAD)
 SDS=1.99, SDI=1.30
 SEISMIC DESIGN CATEGORY E
 (SEE NOTE 13 FOR STRUCTURAL SYSTEM)
 BASE SHEAR=.58IK
 C₅=.663 R=3.0
 BASE AT GROUND LEVEL
- ALLOWABLE SOIL PRESSURES DL + LL 1000 PSF LATERAL 100 PCF/ 200PCF (1) (1)[CBC 2016, SEC. 1806A.3.4]

TESTS AND INSPECTION REQUIREMENTS	CBC SECTION
FOUNDATION & RETAINING WALLS	
CHAPTER ISA	
I. INSPECTION:	
PIER FOUNDATIONS	1705A.3.5
TIEN TOURDATIONS	11037.3.3
CONCRETE	
CHAPTER 19A	
I. MATERIALS	
PORTLAND CEMENT	1705A.3.2; 1903A.1
CONCRETE AGGREGATES	1705A.3.2; 1903A.5
REINFORCING BARS (TESTS OF REINFORCING BARS MAY BE WAIVED BY THE STRUCTURAL ENGINEER WITH THE APPROVAL OF THE SITE DSA INSPECTOR, PROVIDED THAT VERIFIABLE CERTIFIED MILL TEST REPORTS ARE PROVIDED FOR EA. SHIPMENT OF SUCH REINFORCEMENT.) SHIPMENT OF SUCH REINFORCEMENT.)	1705A.3.2; 1903A.1
2. QUALITY	
PROPORTIONS OF CONCRETE	1903A.I
STRENGTH TESTS OF CONCRETE	1705A.3: 1903A.I
3. INSPECTION	
• JOB SITE	1903A.I (ACI 318-14, SEC. 24.5)
BATCH PLANT (** THE USE OF NRMCA WILL BE ACCEPTABLE IN LIEU OF COMPONENT MATERIALS TESTING IF APPROVED BY SITE DSA INSPECTOR.)	1705A.3.3.I
STEEL	1
CHAPTER 22A	
I. MATERIALS	
STRUCTURAL STEEL	2205A.I
COLD FORMED STEEL	22IOA.I
IDENTIFICATION	2203A.I
2. QUALITY	
TESTS OF STRUCTURAL AND COLD FORMED STEEL	22IIA.I
NON-DESTRUCTIVE WELD TESTS	1704A.3.I
3. INSPECTION	
SHOP FABRICATION	1704A.2; 1704A.3
WOOD	
CHAPTER 23	
I. MATERIALS	

SCOPE OF WORK

BALL WALL PC FOR CONSTRUCTION ANYWHERE IN CALIFORNIA WITH A SITE SPECIFIC DSA APPROVED SITE PLAN LOCATING THE BALL WALL ON THE SCHOOL SITE FOR EACH WALL SOLD TO BE CONSTRUCTED.

PC SHEET INDEX

COVER SHEET STRUCTURAL PLAN

PROJECT TEAM

SITE SPECIFIC PROJECT ARCHITECT

STRUCTURAL ENGINEER

ASSOCIATED DESIGN AND ENGINEERING, INC. 351 WEST CROMWELL AVE., SUITE #108 FRESNO, CA 93711

559-431-2389 FAX 431-2014 CONTACT: MICHAEL JUNDT, SE

MANUFACTURER OF BALL WALL

L.A. STEELCRAFT PRODUCTS P.O. BOX 90365 - PASADENA, CA 91103 PH: 626-198-1401 FAX 626-198-1482

PROVIDE THE SPECIAL INSPECTIONS FOR THE FOLLOWING AREAS OF WORK:

	AREA OF INSPECTION	ACTIVE	N/A
1	STRUCTURAL FIELD WELD (not required for this project)		×
2	STRUCTURAL STEEL SHOP FAB. (PERIODIC 9 CLIPS) (PER 2016 CBC, TABLE 1705A.2.1 ITEM 5.a.2 OR 1705A.2.1 ITEM 5.a.5)	×	
3	STEEL MILL REPORT VERIFICATION (PER 2016 CBC, TABLE 1705A.2.1 ITEM 3.c)	×	
4	TESTING FOR 3000 PSI CONCRETE STRENGTH 9 28 DAYS (PER 2016 CBC, TABLE 1705A.3 ITEM 6)	×	
;	CONCRETE PLACEMENT & REINFORCEMENT PLACEMENT OBSERVATION (PER 2016 CBC, TABLE 1705A.3 ITEMS & 12)	×	

GENERAL NOTES

PRE-CHECK (PC) DOCUMENT CODE: LATEST CCR EDITION AND 2016 CBC

- 2 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
- LOCATION ON SITE SHALL NOT OBSTRUCT FIRE APPARATUS ACCESS ROUTES. [CFC 503.4] THE PLANS ARE NOT FOR CONSTRUCTION WITHOUT A DSA APPLICATION NUMBER.
- ALL SPECIFIC BALL WALL APPLICATIONS FOR EACH SITE MUST BE ACCOMPANIED BY A STATEMENT OF STRUCTURAL TESTS (DSA-103 FORM) FOR THE SPECIFIC SCHOOL SITE.

9

3

9

0

D

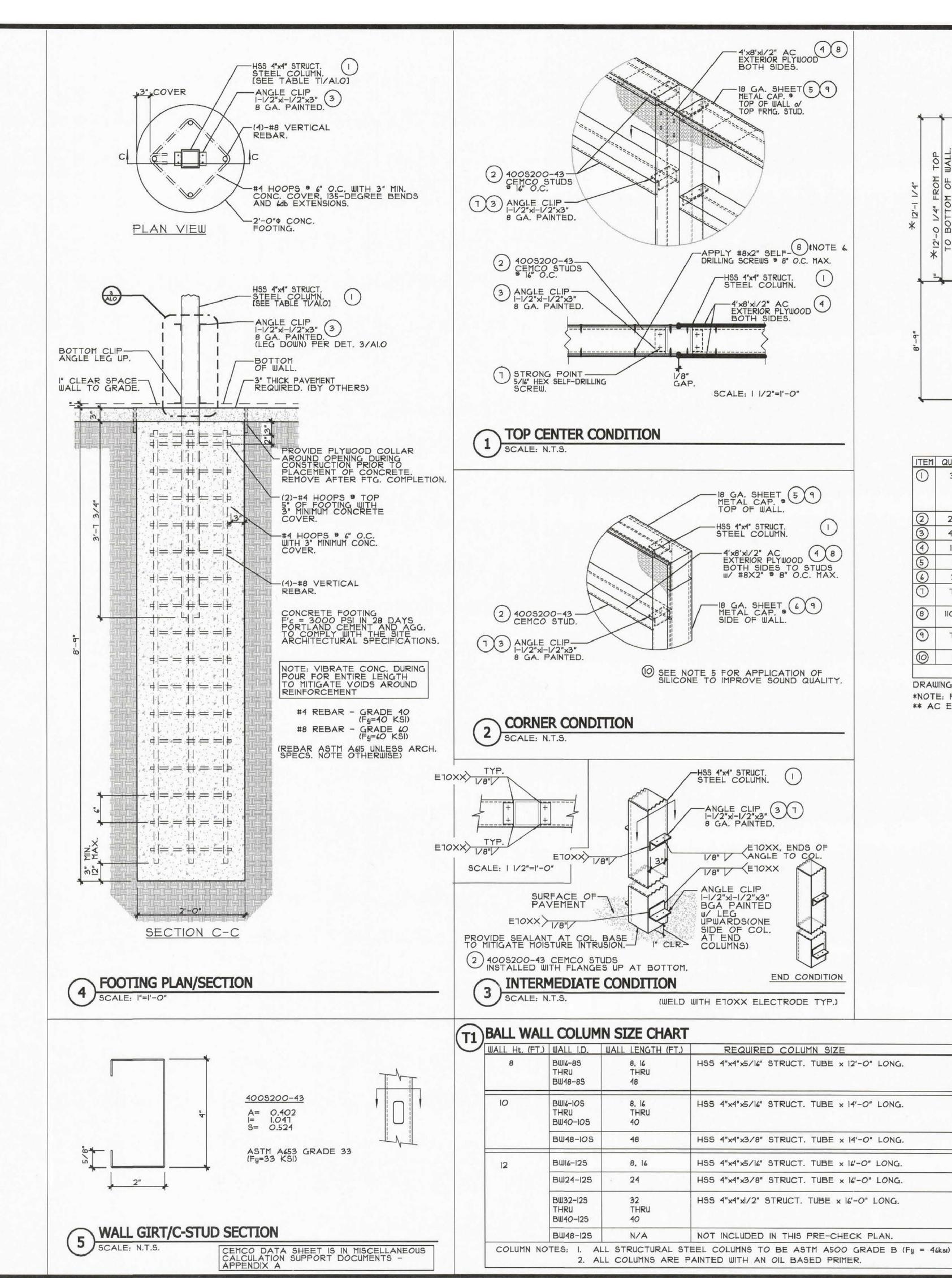
PLOT DATE: | 1\28\2019

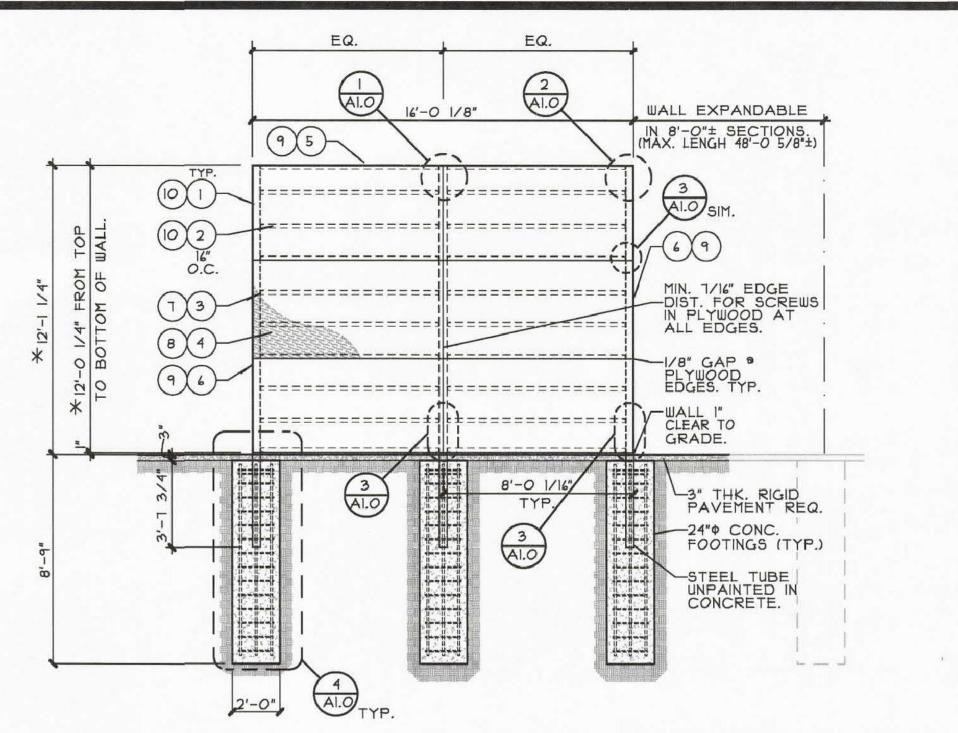
PC-

E17010 001 JOB NO. 01-28-19

IDENTIFICATION STAINT DIV. OF THE STATE ARCHITECT 03 119359 ACMFFLSACSS P6
Date 1/29/19

PRE-CHECK (PC) DOCUMENT CODE: LATEST CCR EDITION AND 2016 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED





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

ITEM	QUANT.	PART.NO	DESCRIPTION	WT. (LBS.
0	3	FO2BW458	HSS 4"x4"x5/16" STRUCT. TUBE x 16'-0" LONG. PAINTED W/OIL BASE PRIMER. [FOR WALL SHOWN, SEE COLUMN TABLE BELOW FOR OTHER WALL CONDITIONS.]	540
			HSS 4"x4"x3/8" AND HSS 4"X4"x1/2" STRUCT. TUBE x 16'-0" LONG. MAX. PAINTED WITH OIL BASE PRIMER PER TABLE. [DET. TI/AI.O]	1032
2	20	PO2BW418	4005200-43 CEMCO STUD x 7'-6" LONG. GALVANIZED, 9 16" O.C. (ICC-ESR 3016)	140
3	40	PO2BW801	I-1/2"xI-1/2"x3" 8 GA. CLIP, A36 STEEL. RUST INHIBITING OIL-BASE PRIMER PAINT	20
4	12	P08BW408	4'x8'x1/2" AC EXTERIOR PLYWOOD, 16 OC SPAN RATING, EXTERIOR GRADE. (BOTH SIDES)	960
5	1	F02BWI60	18 GA. SHEET METAL CAP x 16'-O" LONG. GALVANIZED.	40
6	2	F02WI2I	18 GA. SHEET METAL CAP x 12'-O" LONG. GALVANIZED.	35
1	75	РОІВШІОІ	STRONG-POINT SCREWS: #12-24x1/8" 4 POINT ZINC PLATED SELF DRILLING SCREW (ESR-3528)	5
8	1100	РОВШЮ2	PRIME SOURCE PRO-TWIST #8x2" SELF DRILLING ZINC PLATED OUTDOOR SCREW. PLYWD. TO FRAME, SEE NOTE 6 BELOW FOR SPACING REQUIREMENT. (ESR-1408)	5
9	75	РОІВШІОЗ	PANHEAD No.10x1/2" LONG. PLATED. CAP AND SIDES TO PLYWOOD. (ESR-1408)	5
(0)	1	POIBW988	TUBE OF SILICONE (SILICON MEETING IS808 & UL NO. E36952 OR SCSIOOI, ASTM C920)	-
			TOTAL WEIGHT OF ALL INCLUDED MATERIALS.	1,750

DRAWING NOT TO SCALE

*NOTE: FOR 8' HT & IO' HT USE SAME DESIGN WITH LOWER 4 FOOT OR 2 FOOT OF WALL OMITTED. ** AC EXTERIOR PLYWOOD FOR SMOOTH EXTERIOR SURFACE.

- THERE ARE THREE SQUARE STEEL POSTS. ONE HAS "CLIPS" ON BOTH SIDES AND TWO HAVE CLIPS ON ONE SIDE ONLY. THE ONE WITH CLIPS ON BOTH SIDES IS THE CENTER POST AND THE OTHER TWO ARE THE END POSTS. FOR 8 FT. WALL, THERE ARE TWO SQ. END STEEL POSTS.
- DIG THREE FOOTINGS AS SHOWN ON THIS SHEET. PLACE THE PROPER POST INTO THE FOOTING HOLE AND SUPPORT THEM IN A PLUMB AND LEVEL POSITION AT THE PROPER SPACING. BE SURE THEY ARE PROPERLY ALIGNED AND AT THE PROPER HEIGHT ABOVE FINISHED GRADE. THE BOTTOM OF THE BOTTOM "CLIP" HAS TO BE I INCH ABOVE THE HIGHEST FINISHED GRADE. IF THE POSTS ARE NOT PLUMB AND TOPS AT THE SAME ELEVATION, YOU WILL HAVE PROBLEMS COMPLETING THE INSTALLATION.
- POUR 3000 PSI CONCRETE (CBC \$ 1905A.I.I) INTO THE FOOTING HOLES WITH REINFORCEMENT WAIT 36 HOURS BEFORE PROCEEDING. PROVIDE STANDARD AGGREGATE MIX WITH MAX. I" AGGREGATE SIZE.
- 4. ATTACH THE LIGHT GAGE METAL STUDS BY INSTALLING (2)-5/16" HEX A/F 4-POINT SELF-DRILLING SCREWS, (ESR-3528), THROUGH THE STUD INTO THE "CLIPS". ALL STUDS EXCEPT THE BOTTOM STUD SHOULD HAVE THE FLAT SIDE UP. (2) SCREWS PER CLIP IS NECESSARY.
- 5. APPLY A "DAB" OF SILICONE CAULKING TO THE FACE OF THE STUDS & COL. AT APPROXIMATELY 10" ON CENTER, THIS IS TO IMPROVE THE SOUND QUALITY OF THE WALL WHEN USED.
- 6. ATTACH THE PLYWOOD SHEETS TO THE FRAME, MAKE SURE THE OVERLAY IS TO THE OUTSIDE OF THE WALL, USE THE PRO-TWIST SCREWS, #8x2" (ESR-1408) WITH PLATED SCREW SPACING AT 8" O.C. MAX. (4" O.C. MIN SPACING)
- 1. SCREW THE SHEET METAL CAPS TO THE TOP AND SIDES WITH THE #10x1/2" PANHEAD SCREWS 9 12" O.C. TO COMPLETE THE INSTALLATION. (ESR-1408)

8. PAINT SURFACES WITH TWO COATS PROPER PAINT. (DO NOT PAINT OVER MILL I.D. #'S UNTIL INSPECTION HAS OCCURED). PAINT IS NOT SUPPLIED BY L.A. STEELCRAFT.

PRE-CHECK (PC) DOCUMENT CODE: LATEST CCR EDITION AND 2016 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAINT DIV OF THE STATE ARCHITECT

03 119359 1/29/19

BALL WALL STRUCTURAL PLAN 0

9

5 3

9

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITEC

APP: 01-118814 INC:

DATE: <u>04/15/2021</u>

REVIEWED FOR

SS 🗹 FLS 🗹 ACS 🗹

PLOT DATE: 10\17\2018

PC-2

E17010 001 JOB NO. 10-17-18 DATE