

ROSEMONT HIGH SCHOOL 2023 FENCING

9594 Kiefer Blvd.
Sacramento, CA 95827



OWNER:
Sacramento City
Unified School District
5735 47th Avenue
Sacramento, CA 95824-4528



Rosemont
High School
2023 Fencing

9594 Kiefer Blvd.
Sacramento, CA 95827

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

| | | | |
|--------|--------------------------------|------|-------------------------------------|
| AB | AGGREGATE BASE | JP | JOINT UTILITY POLE |
| AC | ASPHALTIC CONCRETE | LF | LINEAL FEET |
| AD | AREA DRAIN | LT | LIP OF GUTTER |
| APN | ASSESSOR'S PARCEL NUMBER | MS | MOWSTRIP |
| ARV | AIR RELEASE VALVE | NTS | NOT TO SCALE |
| ASB | AGGREGATE SUB-BASE | OH | OVERHEAD |
| BO | BLOW-OFF VALVE | PCC | PORTLAND CEMENT CONCRETE |
| BV | BUTTERFLY VALVE | PD | PLANTER DRAIN |
| BW | BACK OF WALK | PIV | POST INDICATOR VALVE |
| C/L | CENTERLINE | P/L | PROPERTY LINE |
| CB | CATCH BASIN | PP | POWER POLE |
| CL | CLASS | PUE | PUBLIC UTILITY EASEMENT |
| CMP | CORRUGATED METAL PIPE | PVC | POLYVINYL CHLORIDE |
| CATV | CABLE TELEVISION | RCP | REINFORCED CONCRETE PIPE |
| CO | CLEANOUT | r | RADIUS |
| COMM | COMMUNICATION | RIM | MANHOLE RIM ELEVATION |
| CONC. | CONCRETE | RP | REDUCED PRESSURE BACKFLOW PREVENTER |
| CONST. | CONSTRUCT | RW | RIGHT OF WAY |
| CR | CURB RETURN | SCH | SCHEDULE |
| CS | CONCRETE SURFACE | SD | STORM DRAIN |
| DC | DOUBLE CHECK VALVE | SDMH | STORM DRAIN MANHOLE |
| DDC | DOUBLE DETECTOR CHECK VALVE | SG | SUBGRADE ELEVATION |
| DG | DECOMPOSED GRANITE | SI | SIDE INLET |
| DI | DROP INLET | SS | SANITARY SEWER |
| DIA | DIAMETER | SSMH | SANITARY SEWER MANHOLE |
| DIP | DUCTILE IRON PIPE | STD | STANDARD |
| DWG | DRAWING | S/W | SIDEWALK |
| DS | DOWNSPOUT | T | TELEPHONE |
| EP | EDGE OF PAVEMENT | TC | TOP OF CURB |
| ESMT | EASEMENT | TD | TRENCH DRAIN |
| EX | EXISTING | TDCB | TRENCH DRAIN CATCH BASIN |
| FS | FIRE SERVICE LINE | TP | TELEPHONE POLE |
| FDC | FIRE DEPARTMENT CONNECTION | TRW | TOP OF RETAINING WALL |
| FL | FLOWLINE | TSW | TOP OF SEAT WALK |
| FM | SANITARY SEWER FORCE MAIN | TW | TOP OF WALK ELEVATION |
| FF | FINISHED FLOOR ELEVATION | U | UTILITY |
| FH | FIRE HYDRANT | UG | UNDERGROUND |
| G | GAS | UNON | UNLESS OTHERWISE NOTED |
| GRD | GRADE ELEVATION | VCP | VITRIFIED CLAY PIPE |
| GV | GATE VALVE | W | WITH |
| HB | HOSE BIBB | W/O | WITHOUT |
| HDP | HIGH DENSITY POLYETHYLENE PIPE | WV | WATER VALVE |
| HP | HIGH POINT | | |
| INV | PIPE INVERT ELEVATION | | |

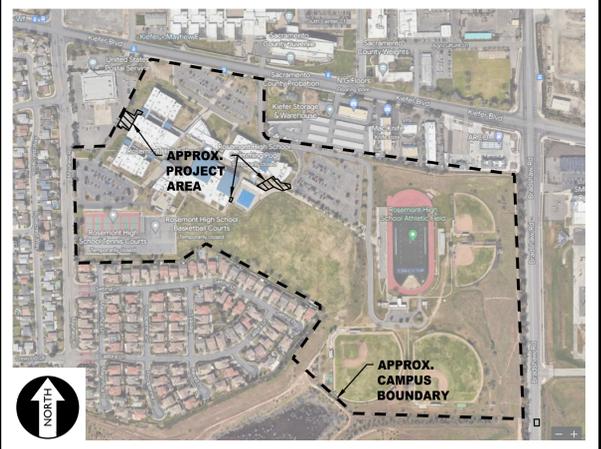
VICINITY MAP

NO SCALE



SITE MAP

NO SCALE



APPLICABLE CODES & STANDARDS

- 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR*
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
- 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- 2022 CALIFORNIA ENERGY CODE (CGC), Part 11, Title 24 CCR.

PROJECT NARRATIVE

CONSTRUCTION OF SITE FENCING AND GATES WITH ELECTRONIC ACCESS CONTROLS FOR SITE SECURITY, TOGETHER WITH ASSOCIATED FLATWORK AND PAVING REPAIRS FOR ACCESSIBILITY COMPLIANCE.

THERE ARE NO BUILDINGS OR STRUCTURES TO BE CONSTRUCTED, MODERNIZED OR OTHERWISE ALTERNATED BY THIS SET OF PLANS.

APPLICABLE REGULATIONS

- ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATION SHALL BE MADE BY AN ADDENDA OR A CONSTRUCTION CHANGE DOCUMENT APPROVED BY DSA AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24 CCR.
- SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317, PART 1, TITLE 24, CCR)
- A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
- THIS PROJECT REQUIRES INSPECTOR CLASS 3
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

SPECIAL TESTING:

- CONTRACTOR SHALL PROVIDE AND COORDINATE TESTING OF NEW LIGHTING CONTROLS MECHANICAL SYSTEMS, ENVELOPES AND PROCESS EQUIPMENT AND SYSTEMS IN ACCORDANCE WITH CALIFORNIA ENERGY CODE, SECTION 10-103.

DEFERRED APPROVALS

N/A

STATEMENTS:

N/A

GENERAL NOTES

- THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.
- WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL, IF STAKED BY OTHERS. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
- IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
- CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY PRE-BID AND PRE-CONSTRUCTION SITE INSPECTION, AND/OR OBSERVATIONS ON THE SITE TO PRE-DETERMINE ALL HIS/HER MEANS AND METHODS NECESSARY TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS AND PER THE PROJECT SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE, AND INCLUDE IN HIS/HER CONTRACT, ALL MEANS AND METHODS NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB.
- WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
- IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELLED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
- NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
- SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
- ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER MAINS.
- CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
- NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
- WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
- ALL CONSTRUCTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4 THE SLAB THICKNESS DEEP, BUT NO LESS THAN 1" FOR CONTROLLING OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS OUTSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
- ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
- 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION, AND A 6" FELT JOINT FOR A 6" SLAB CONSTRUCTION.
- SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS, THEN THE CONCRETE SLAB SHALL BE SAWCUT AT THE NEAREST JOINTS ON EACH SIDE OF THE CRACK AND THE CONCRETE SECTION SHALL BE REMOVED AND REPLACED. NEW CONCRETE SHALL BE DOWELED INTO EXISTING CONCRETE PER DRAWING DETAIL.
- ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDRO SEEDED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.
- REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01. GALVANIZING PAINTS WILL NOT BE ALLOWED.

GENERAL PAVING SURFACE NOTES:

- PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99%, TYPICAL. PROVIDE EQUIVALENT OF HEAVY BROOM FINISH AT SLOPES 6% AND GREATER. REFER TO SPECIFICATIONS.
- ALL NEW PEDESTRIAN WALKWAYS (NON-RAMP) SHALL BE SLOPED NO GREATER THAN 2.0% AND NO LESS THAN 0.75% IN ANY DIRECTION, UNLESS SPECIFICALLY LABELED OTHERWISE. ALL CONCRETE SHALL MEET THE FOLLOWING SLOPE REQUIREMENTS:
 - NO GREATER THAN 5% SLOPE IN THE DIRECTION OF TRAVEL.
 - NO GREATER THAN 2% SLOPE CROSSING THE DIRECTION OF TRAVEL.
 - NO GREATER THAN 2% SLOPE IN ANY DIRECTION IN COURTYARD OR PLAZA AREAS.

SYMBOLS LEGEND

NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

| PROPOSED GRADING & DRAINAGE SYMBOLS: | | PROPOSED WATER SYMBOLS: | |
|--------------------------------------|---|-------------------------|-------------------------------------|
| | STORM DRAIN LINE (SIZE AND FLOW SHOWN) | | WATER LINE & SIZE |
| | STORM DRAIN MANHOLE (SDMH) | | FIRE LINE & SIZE |
| | CATCH BASIN (CB) | | DOMESTIC WATER LINE & SIZE |
| | DROP INLET (DI) | | RECLAIMED WATER LINE & SIZE |
| | AREA DRAIN (AD) | | IRRIGATION SERVICE LINE & SIZE |
| | PLANTER DRAIN (PD) OR FLOOR DRAIN (FD) | | NON POTABLE WATER LINE & SIZE |
| | STORM DRAIN CLEANOUT | | FIRE SPRINKLER SVC. LINE & SIZE |
| | ELEVATION | | GATE VALVE |
| | FINISHED FLOOR ELEVATION | | WATER METER |
| | BUILDING PAD ELEVATION | | FIRE HYDRANT ASSEMBLY |
| | CONCRETE SIDEWALK | | FIRE DEPARTMENT CONNECTION |
| | GRADED DIRECTION FOR DRAINAGE FLOW | | DETECTOR CHECK VALVE |
| | SWALE | | DOUBLE DETECTOR CHECK VALVE |
| | SLOPE | | REDUCED PRESSURE BACKFLOW PREVENTER |
| | TREE TO BE REMOVED | | BUTTERFLY VALVE |
| | TREE TO REMAIN | | AIR RELEASE VALVE + SIZE |
| | RETAINING WALL | | BLOW-OFF VALVE + SIZE |
| | OVERLAND RELEASE PATH | | POST INDICATOR VALVE |
| PROPOSED SANITARY SEWER SYMBOLS: | | | |
| | SANITARY SEWER LINE (SIZE AND FLOW SHOWN) | | |
| | SANITARY SEWER MANHOLE (SSMH) | | |
| | SEWER CLEANOUT FLUSHER BRANCH | | |

SHEET INDEX

| NO. | SHEET DESCRIPTION |
|--------|----------------------|
| CIVIL | |
| C0.0 | COVER SHEET |
| C0.1 | TOPOGRAPHIC SURVEY |
| C1.0.1 | SITE ACCESS PLAN |
| C1.0.2 | FIRE ACCESS PLAN |
| C1.1 | DEMOLITION PLAN |
| C2.1 | CONSTRUCTION PLAN |
| C3.1 | FENCING PLAN |
| C4.1 | DETAILS AND SECTIONS |
| C4.2 | DETAILS AND SECTIONS |
| C4.3 | DETAILS AND SECTIONS |

TOTAL SHEET COUNT = 10

OWNER/USER

OWNER: SACRAMENTO CITY UNIFIED SCHOOL DISTRICT
5735 47TH AVE. SACRAMENTO, CA 95824-4528
PHONE: (916) 643-9000

DISTRICT CONTACT: [CONTACT] FACILITIES SUPPORT SERVICES (916) 264-4075 [EMAIL]

ADDITIONAL CONTACTS: TROY MIETZ TROY-MIETZ@SCUSD.EDU

PROJECT TEAM

CIVIL: WARREN CONSULTING ENGINEERS, INC.
117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762
PHONE: (916) 985-1870
FAX: (916) 985-1877

REVISIONS

| NO. | DESCRIPTION |
|-----|-------------|
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| | |

DRAWN: SMN SCALE: AS NOTED

CHECKED: AT PROJECT NO. 23-051

DESIGNED: SMN/AT DATE: 05/01/2023

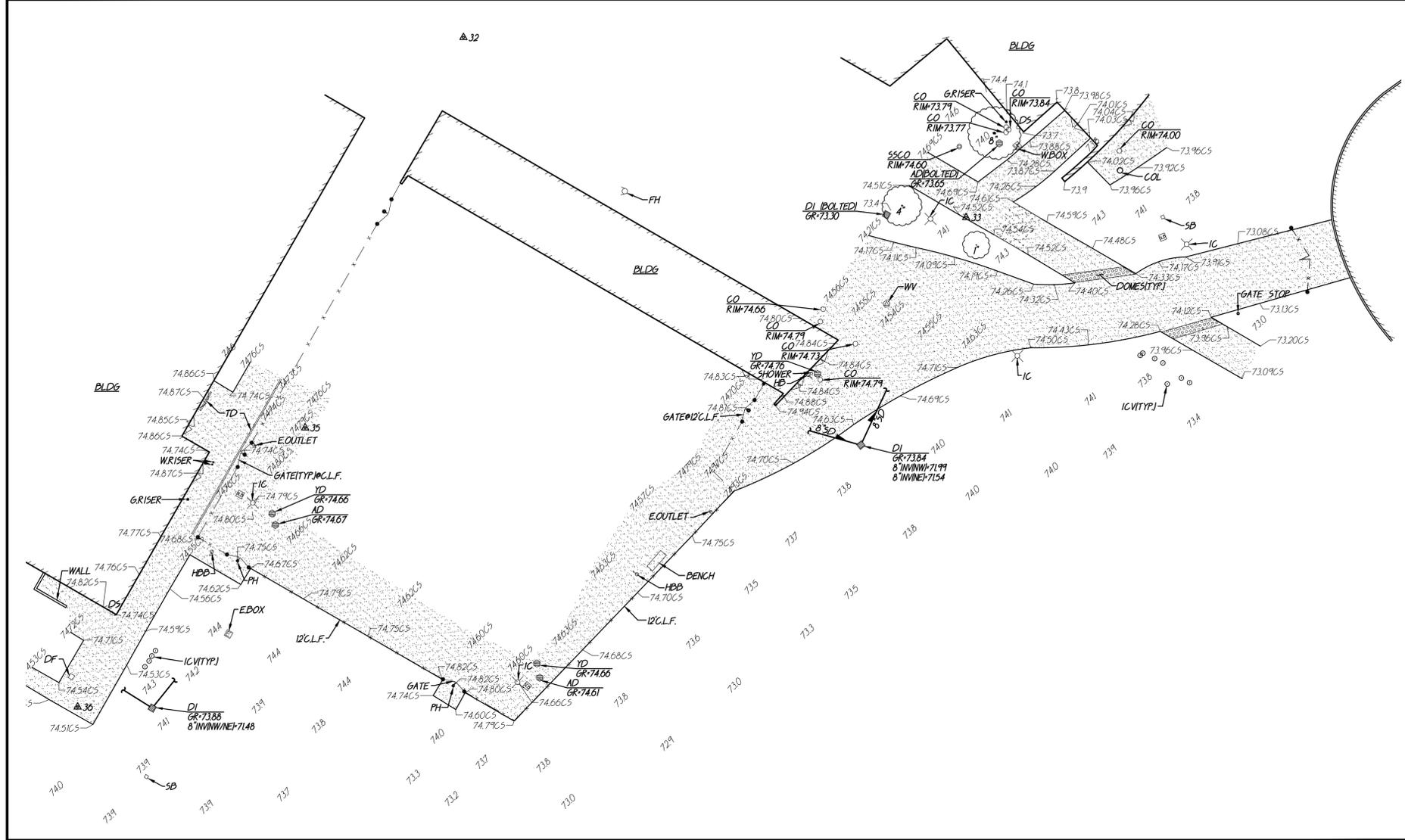
ISSUANCE:

SHEET TITLE:

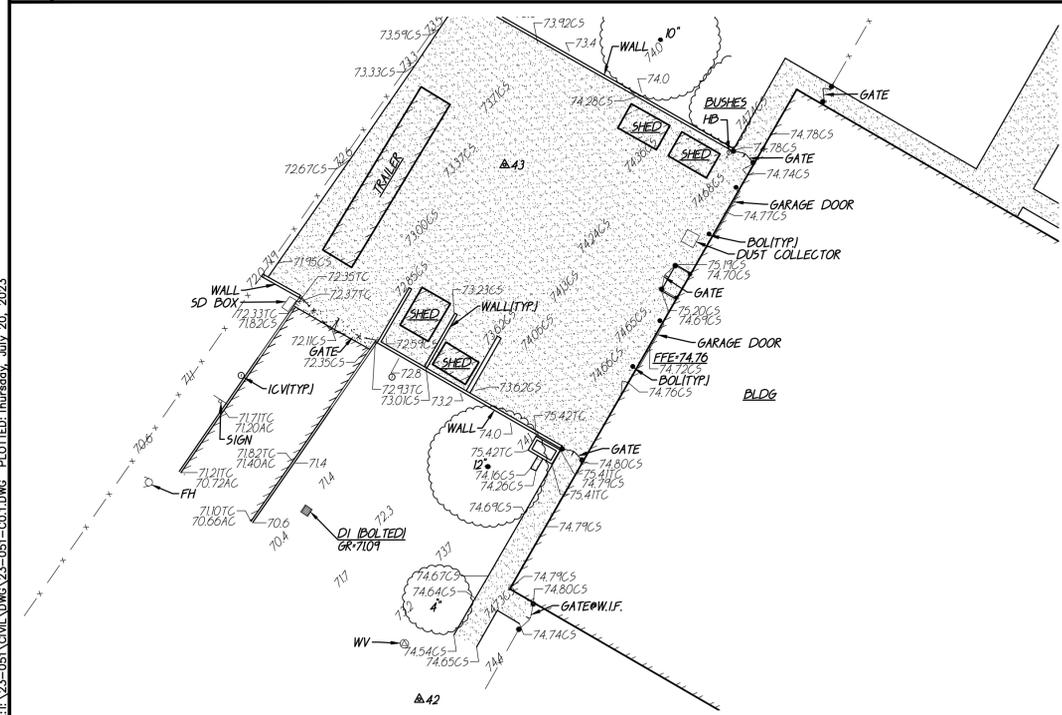
COVER SHEET

SHEET NO.

C0.0



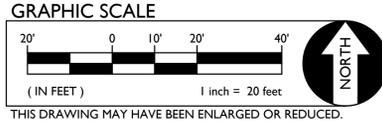
1 TOPOGRAPHIC SURVEY SCALE 1" = 20'-0"



2 TOPOGRAPHIC SURVEY SCALE 1" = 20'-0"

TBM LIST

| NO. | DESCRIPTION | NORTH | EAST | ELEV. |
|-----|------------------|----------|---------|-------|
| 11 | CPF CHISELED "+" | 10159.09 | 9581.61 | 63.36 |
| 12 | CPF CHISELED "+" | 10279.23 | 9298.57 | 69.60 |
| 20 | CPF CHISELED "+" | 9988.34 | 9666.27 | 48.86 |
| 25 | CPF CHISELED "+" | 10184.60 | 9733.79 | 32.04 |
| 30 | CPS CHISELED "+" | 10600.77 | 8619.44 | 74.44 |
| 31 | CPS CHISELED "+" | 10501.71 | 8790.86 | 74.42 |
| 32 | CPS CHISELED "+" | 10407.04 | 8936.07 | 74.28 |
| 33 | CPS CHISELED "+" | 10351.18 | 9092.69 | 74.55 |
| 34 | CPS CHISELED "+" | 10538.27 | 9197.19 | 72.82 |
| 35 | CPS CHISELED "+" | 10285.91 | 8886.73 | 74.73 |
| 36 | CPS CHISELED "+" | 10199.28 | 8815.82 | 74.50 |
| 37 | CPS CHISELED "+" | 10066.37 | 8549.07 | 72.07 |
| 38 | CPS CHISELED "+" | 10296.19 | 8327.28 | 73.18 |
| 39 | CPF CHISELED "+" | 10229.07 | 8235.33 | 70.50 |
| 40 | CPF CHISELED "+" | 10229.62 | 8090.93 | 70.48 |
| 41 | CPF CHISELED "+" | 10498.27 | 8092.27 | 72.92 |
| 42 | CPS CHISELED "+" | 10602.37 | 8264.61 | 74.41 |
| 43 | CPS CHISELED "+" | 10727.88 | 8284.74 | 73.64 |



BASIS OF BEARINGS:
 ASSUMED

NOTE:
 EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES ONLY.

SCREENED PORTIONS OF THIS PLAN ARE FROM RECORD SURVEY INFORMATION AND ARE NOT PART OF THE FIELD SURVEY PERFORMED AS PART OF THIS PROJECT. ACTUAL SITE CONDITIONS MAY VARY IN THESE AREAS DUE TO AGE.

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

- AC ASPHALTIC CONCRETE
- ACC ACCESSIBLE
- ACU AIR CONDITIONING UNIT
- AD AREA DRAIN
- APN ASSESSOR'S PARCEL NUMBER
- ARV AIR RELEASE VALVE
- BSM BASKETBALL POLE
- BCM BRASS CAP MONUMENT
- BFP BACK FLOW PREVENTER
- BLOCK BUILDING
- BOLL BOLLARD
- BOV BLOW-OFF VALVE
- BR BRICK
- B.W.F. BARBED WIRE FENCE
- COMMUNICATION COMMUNICATION
- C/L CENTERLINE
- CATV CABLE TELEVISION
- CP CAPPED IRON PIPE
- CFP CHAIN LINK FENCE
- CMP CORRUGATED METAL PIPE
- CO CLEANOUT
- COL COLUMN
- CONC. CONC.
- COND. CONDENSATE
- CPF CONTROL POINT FOUND
- CPS CONTROL POINT SET
- D DEPTH
- DDC DOUBLE DETECTOR CHECK VALVE
- DF DRINKING FOUNTAIN
- DS DECOMPOSED GRANITE
- DWG DRAWING
- E ELECTRIC
- EP EDGE OF PAVEMENT
- ESMT EASEMENT
- EV ELECTRICAL VAULT
- FA FIRE ALARM
- FB FIRE BOX
- FBC FIRE DEPARTMENT CONNECTION
- FTE FINISHED FLOOR ELEVATION
- FH FIRE HYDRANT
- FL FLOWLINE
- FO FIBER OPTIC
- FP FLAGPOLE
- FS FIRE SERVICE
- G GAS
- GB GRADE BREAK
- GRATE GRATE
- GRB GROUND ROD BOX
- GROD GROUND ROD
- GST GATE STOP
- GV GAS VALVE
- HB HOSE BIBB
- HBD HEADER BOARD
- HP HIGH PRESSURE
- HR HANDRAIL
- HVE HIGH VOLTAGE ELECTRIC
- HWF HOG WIRE FENCE
- IC IN CONCRETE
- ICV IRRIGATION CONTROL VALVE
- INV PIPE INVERT ELEVATION
- IRR IRRIGATION
- JT JOINT TRENCH
- LANDG LANDING
- LVE LOW VOLTAGE ELECTRIC
- M MANHOLE
- MH MANHOLE
- MS MOW STRIP
- MSC METAL STORAGE CONTAINER
- NTS NOT TO SCALE
- OH OVERHEAD
- OHANG OVERHANG
- OIP OPEN IRON PIPE
- OSPH OLD STEEL POST HOLE
- P/L PROPERTY LINE
- PA PLANTER AREA
- PB PARKING BUMPER
- PH POSTHOLE
- PV POST INDICATOR VALVE
- PP POWER POLE
- PRKG PARKING
- PUE PUBLIC UTILITY EASEMENT
- PV PAVERS
- PVC POLYVINYL CHLORIDE
- R RUBBER
- RIM MANHOLE RIM ELEVATION
- ROW RIGHT OF WAY
- RP REDUCED PRESSURE BACKFLOW ASBLY.
- RWALL RETAINING WALL
- RWL RAIN WATER LEADER
- SB SIGNAL BOX
- SD STORM DRAIN
- SDMH STORM DRAIN MANHOLE
- SIG SIGNAL
- SL STREET LIGHT
- SLB STREET LIGHT BOX
- SS SANITARY SEWER
- SSCO SANITARY SEWER CLEANOUT
- SSMH SANITARY SEWER MANHOLE
- STL STEEL
- T TELEPHONE
- TBALL TETHER BALL POLE
- TBM TEMPORARY BENCHMARK
- TC TOP OF CURB
- TOW TOP OF WALL
- TP TELEPHONE POLE
- TRW TOP OF RETAINING WALL
- UG UNDERGROUND
- UNK UNKNOWN
- V VENT
- W WATER
- W/W WITHOUT
- WD WOOD
- W.I.F. WROUGHT IRON FENCE
- W.R.F. WOOD RAIL FENCE
- XI TRANSFORMER
- XWALK CROSSWALK

A.P.N. 074-0020-059

BENCHMARK NO. 319A1 ELEV. 64.96

2" BRASS DISC STAMPED "SAC. CO. DEPT. PUBLIC WORKS CO. B.M. 22-90" LOCATED IN TOP NW CORNER CONC. BASE OF SIGNAL STANDARD @ SE CORNER HUNTSMAN DR. AND KIEFER BLVD.

EXISTING TOPOGRAPHY

- = PROPERTY LINE
- = CENTERLINE
- - - = easement
- ⊕ = PROPERTY CORNER FOUND AS NOTED
- ⊙ = PROPERTY CORNER (NOTHING FOUND OR SET)
- ⊕123 = TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
- = SWALE OR DRAINAGE FLOW
- = DRAINAGE FLOW
- = FENCE (TYPE NOTED)
- ⊙ = TREE (SIZE/TYPE INDICATED)
- = SLOPE
- = CONTOUR
- = CONCRETE SURFACE
- = EDGE OF ASPHALT
- = EDGE OF BUILDING
- = SIGN
- = POST OR BOLLARD
- = GROUND ELEVATION
- 99.99 = HARD SURFACE ELEVATION

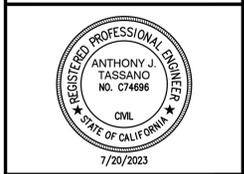
EXISTING UTILITIES

- 12"SD --- = storm drain line (size & direction of flow)
- 12"SD --- = storm drain line (record information)
- 12"SD --- = storm drain line (UNDERGROUND LOCATING)
- ⊙ = storm drain manhole
- = storm drain cleanout
- ⊕ = drop inlet
- ⊕ = AREA DRAIN
- RML = RAIN WATER LEADER
- DS = downspout
- 12"SS --- = sanitary sewer line (size & direction of flow)
- 12"SS --- = sanitary sewer line (record information)
- 12"SS --- = sanitary sewer line (UNDERGROUND LOCATING)
- ⊙ = sanitary sewer manhole
- ⊕ = sanitary sewer cleanout
- W --- = water line (size indicated)
- W --- = water line (record information)
- W --- = water line (UNDERGROUND LOCATING)
- ⊙ = water manhole
- ⊕ = water valve
- ⊕ = water meter
- ⊕ = water box
- ⊕ = IRRIGATION CONTROL VALVE
- ⊕ = FIRE HYDRANT
- ⊕ = hose bibb
- OH-E --- = OVERHEAD ELECTRIC LINE
- E --- = UNDERGROUND ELECTRIC LINE
- E --- = UNDERGROUND ELECTRIC LINE (record information)
- E --- = UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
- ⊕ = ELECTRIC MANHOLE
- ⊕ = UTILITY POLE (WITH GUY WIRE)
- ⊕ = ELECTRIC METER
- ⊕ = ELECTRIC BOX
- ⊕ = STREET LIGHTING BOX
- ⊕ OR ⊕ = LIGHT STANDARD
- ⊕ = FLOOD LIGHT
- ⊕ = ELECTRICAL OUTLET
- G --- = GAS LINE (SIZE INDICATED)
- G --- = GAS LINE (record information)
- G --- = GAS LINE (UNDERGROUND LOCATING)
- ⊕ = GAS MANHOLE
- ⊕ = GAS VALVE
- ⊕ = GAS METER
- T --- = telephone line
- T --- = telephone line (record information)
- T --- = telephone line (UNDERGROUND LOCATING)
- ⊕ = STORM DRAIN BOX
- ⊕ = TRAFFIC SIGNAL BOX

DSA



OWNER:
 Sacramento City Unified School District
 5735 47th Avenue
 Sacramento, CA 95824-4528



Rosemont High School
 2023 Fencing
 9594 Kiefer Blvd.
 Sacramento, CA 95827

REVISIONS

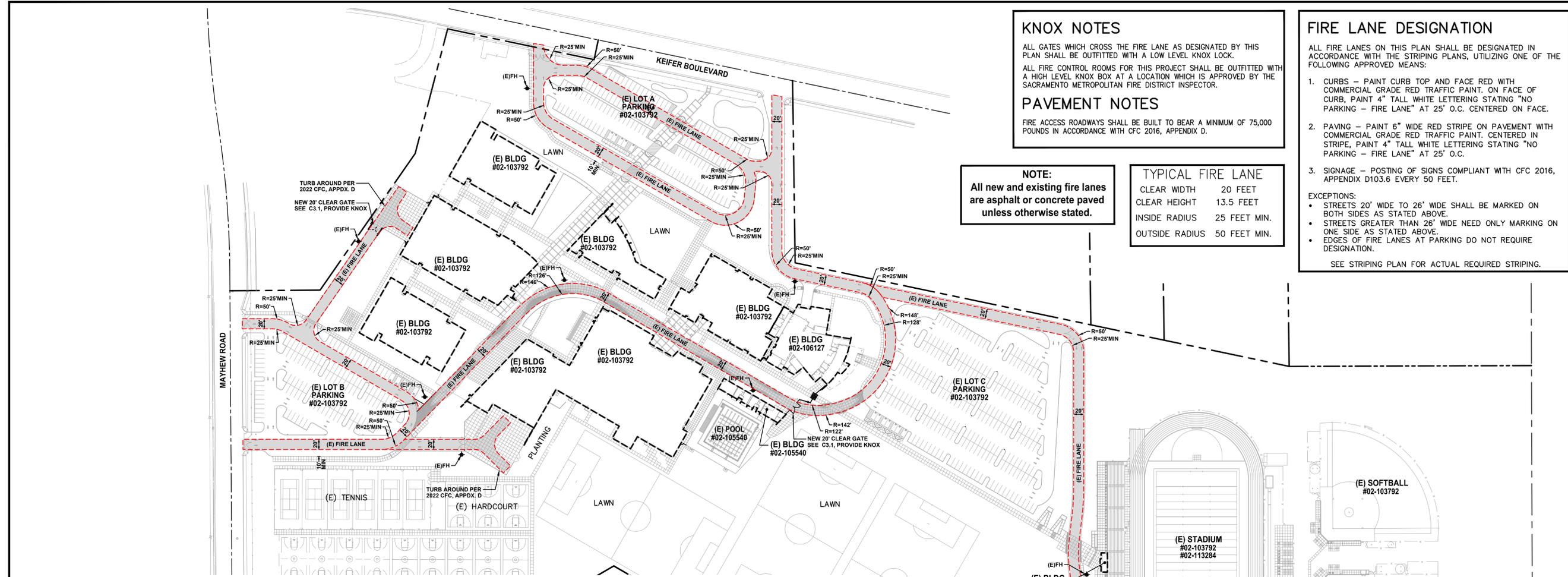
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DRAWN: SMN SCALE: AS NOTED
 CHECKED: AT PROJECT NO. 23-051
 DESIGNED: SMN/AT DATE: 05/01/2023

ISSUANCE:

SHEET TITLE:
TOPOGRAPHIC SURVEY

SHEET NO.
C0.1



KNOX NOTES
 ALL GATES WHICH CROSS THE FIRE LANE AS DESIGNATED BY THIS PLAN SHALL BE OUTFITTED WITH A LOW LEVEL KNOX LOCK.
 ALL FIRE CONTROL ROOMS FOR THIS PROJECT SHALL BE OUTFITTED WITH A HIGH LEVEL KNOX BOX AT A LOCATION WHICH IS APPROVED BY THE SACRAMENTO METROPOLITAN FIRE DISTRICT INSPECTOR.

PAVEMENT NOTES
 FIRE ACCESS ROADWAYS SHALL BE BUILT TO BEAR A MINIMUM OF 75,000 POUNDS IN ACCORDANCE WITH CFC 2016, APPENDIX D.

FIRE LANE DESIGNATION
 ALL FIRE LANES ON THIS PLAN SHALL BE DESIGNATED IN ACCORDANCE WITH THE STRIPING PLANS, UTILIZING ONE OF THE FOLLOWING APPROVED MEANS:

- CURBS - PAINT CURB TOP AND FACE RED WITH COMMERCIAL GRADE RED TRAFFIC PAINT. ON FACE OF CURB, PAINT 4" TALL WHITE LETTERING STATING "NO PARKING - FIRE LANE" AT 25' O.C. CENTERED ON FACE.
- PAVING - PAINT 6" WIDE RED STRIPE ON PAVEMENT WITH COMMERCIAL GRADE RED TRAFFIC PAINT. CENTERED IN STRIPE, PAINT 4" TALL WHITE LETTERING STATING "NO PARKING - FIRE LANE" AT 25' O.C.
- SIGNAGE - POSTING OF SIGNS COMPLIANT WITH CFC 2016, APPENDIX D103.6 EVERY 50 FEET.

EXCEPTIONS:
 • STREETS 20' WIDE TO 26' WIDE SHALL BE MARKED ON BOTH SIDES AS STATED ABOVE.
 • STREETS GREATER THAN 26' WIDE NEED ONLY MARKING ON ONE SIDE AS STATED ABOVE.
 • EDGES OF FIRE LANES AT PARKING DO NOT REQUIRE DESIGNATION.
 SEE STRIPING PLAN FOR ACTUAL REQUIRED STRIPING.

NOTE:
 All new and existing fire lanes are asphalt or concrete paved unless otherwise stated.

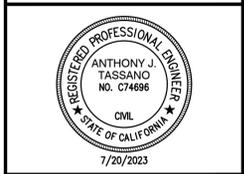
TYPICAL FIRE LANE
 CLEAR WIDTH 20 FEET
 CLEAR HEIGHT 13.5 FEET
 INSIDE RADIUS 25 FEET MIN.
 OUTSIDE RADIUS 50 FEET MIN.

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 Sacramento City Unified School District
 5735 47th Avenue
 Sacramento, CA 95824-4528



Rosemont High School
 2023 Fencing
 9594 Kiefer Blvd.
 Sacramento, CA 95827

| REVISIONS | |
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| NO. | DESCRIPTION |
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| DRAWN: SMN | SCALE: AS NOTED |
| CHECKED: AT | PROJECT NO. 23-051 |
| DESIGNED: SMN/AT | DATE: 05/01/2023 |

ISSUANCE:
 SHEET TITLE:

FIRE ACCESS PLAN

SHEET NO.
C1.0.2

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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 building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire 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. Acknowledgement 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 imaged 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 imaged on the fire access site plan.
 For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for Buildings.

| PROJECT INFORMATION | |
|------------------------|---|
| School District/Owner: | SACRAMENTO CITY UNIFIED SCHOOL DISTRICT |
| Project Name/School: | ROSEMONT HIGH SCHOOL |
| Project Address: | 9594 KIEFER BLVD., SACRAMENTO, CA 95827 |

| 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 checked="" type="checkbox"/> |
| 2. Was the fire hydrant water flow test performed as part of this LFA review? | Yes <input type="checkbox"/> No <input checked="" 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 checked="" type="checkbox"/> |
| Refer to the following website for FHSZ locations: http://eqis.fire.ca.gov/FHSZ/ | Moderate <input type="checkbox"/> High <input type="checkbox"/> Very High <input type="checkbox"/> |
| Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.) | WIFA <input type="checkbox"/> |

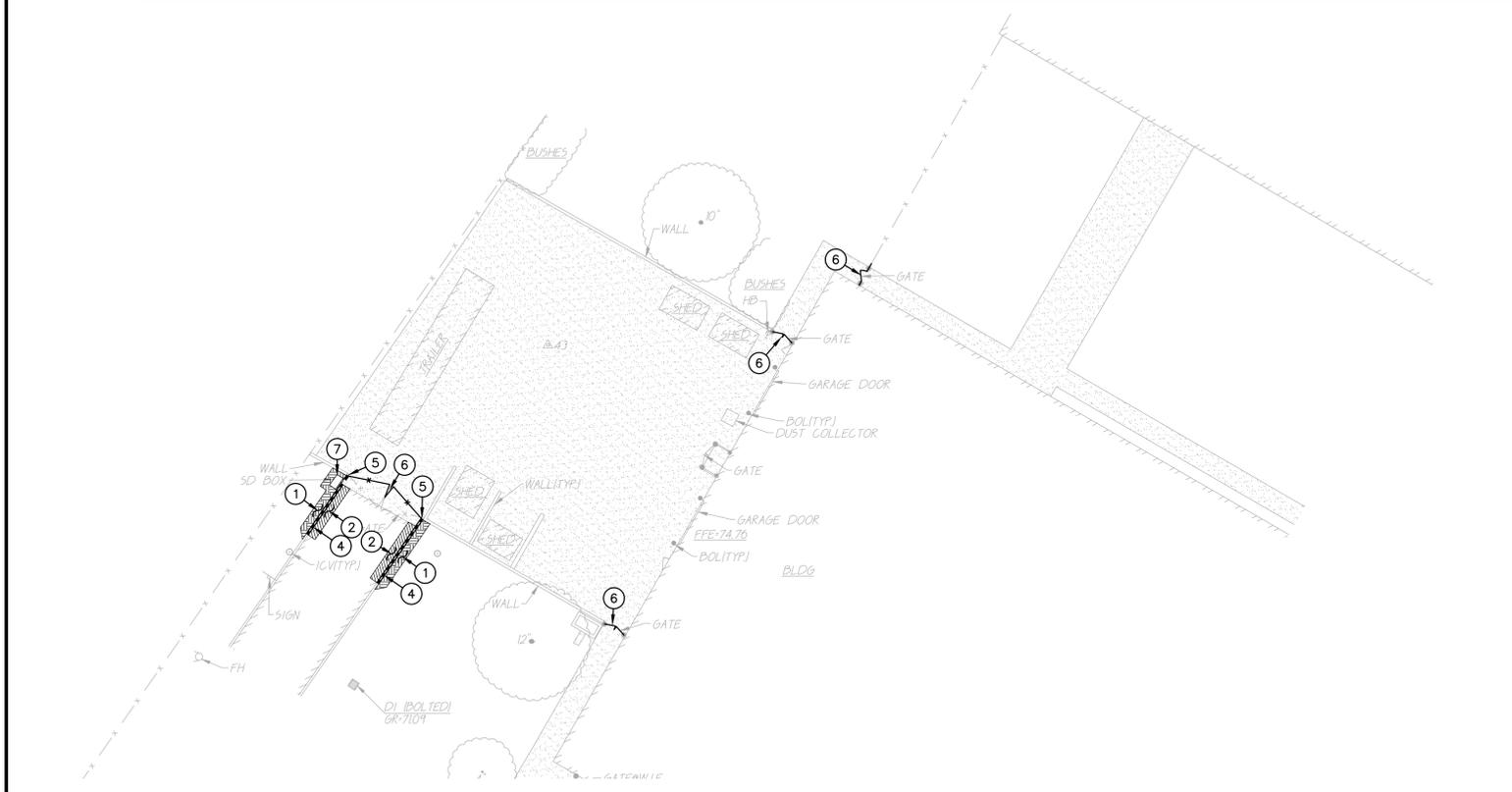
DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

| CONDITION MEANS AND METHODS RESOLUTION | ALTERNATE ACCEPTED | | | |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| | Yes | No | N/A | N/R |
| 4. Emergency vehicle access roadways do not meet CFC requirements. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4a. Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Fire Hydrants: Number and spacing does not meet CFC requirements. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5a. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Fire Hydrants: Water flow and pressure are less than CFC minimum. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6a. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7a. Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

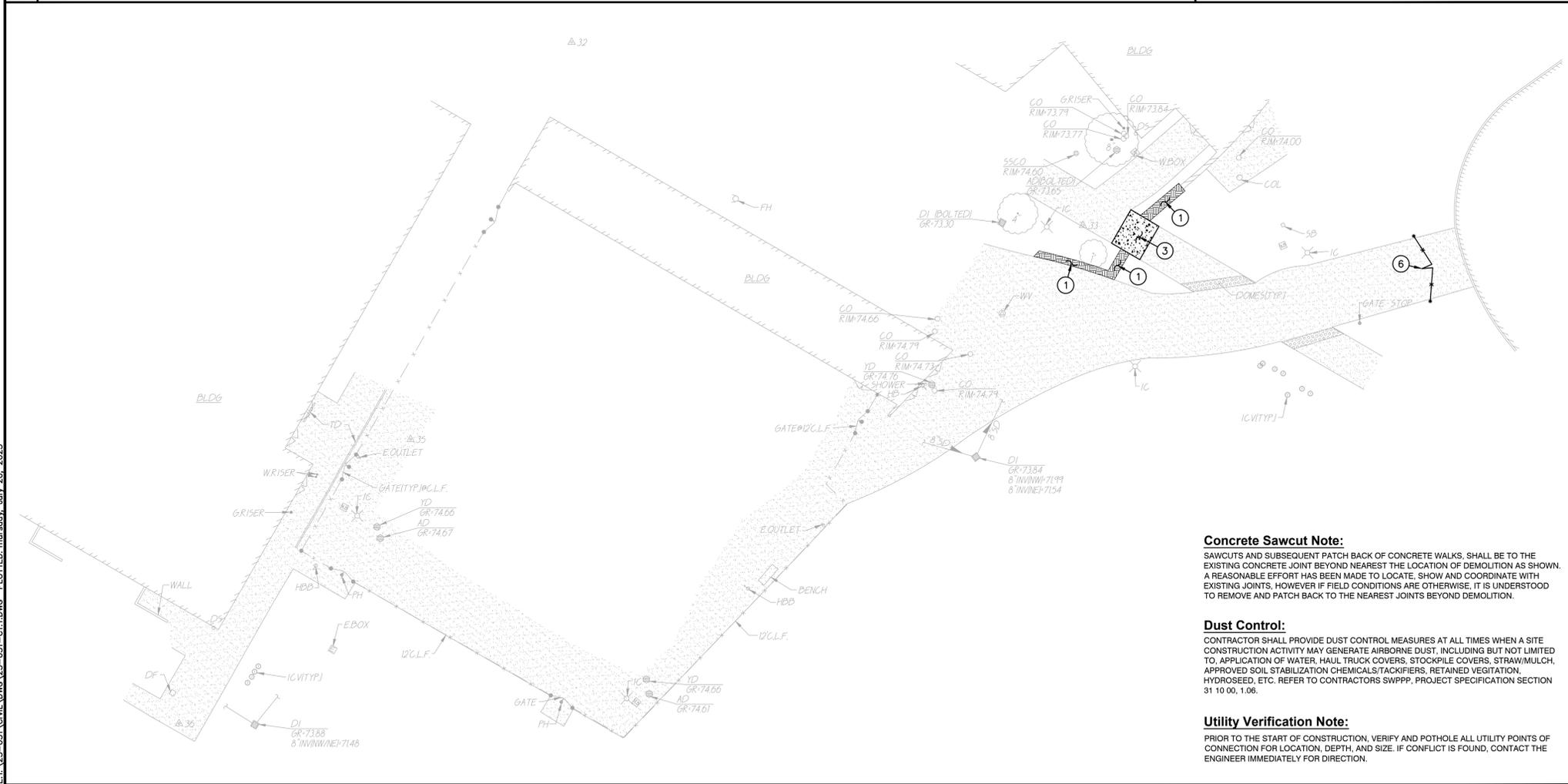
School District Acceptance of Acceptable Design Alternates
 By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: N/A - NO VARIANCE PROPOSED Title: _____
 Signature: _____ Date: _____

| LOCAL FIRE AUTHORITY (LFA) INFORMATION | |
|--|------------------------------|
| LFA Agency Name: | Sacramento Metro Fire |
| LFA Review Official: | Janea Smith |
| Title: | Code Enforcement Supervisor |
| Work Phone: | (916) 859-4319 |
| Work Email: | smith.jenea@metrofire.ca.gov |
| LFA Reviewer's Signature: | _____ |
| Date: | _____ |



1 DEMOLITION PLAN SCALE 1" = 20'-0"



2 DEMOLITION PLAN SCALE 1" = 20'-0"

CAL-GREEN - Waste Diversion:

5.408.1 Construction waste management. Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance that is more stringent, submit a construction waste management plan that:

- Contractor shall identify the construction and demolition waste materials to be diverted from disposal, to comply with 65% criteria listed above, by efficient usage, recycling, reuse on the project or salvage for future use or sale.
- Contractor shall determine if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream). Either method is the responsibility of the contractor.
- Contractor shall identify diversion facilities where construction and demolition waste material collected will be taken. Transport to such facilities is contractor's responsibility.
- Contractor shall record and provide record of the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

5.408.1.2 Waste management company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.

Contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company. Contractor shall make any and all arrangements with waste management company for pickup of materials.

Exceptions to Sections 5.408.1.1 and 5.408.1.2:

- Excavated soil and land-clearing debris.
- Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
- Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65 percent minimum requirement as approved by the enforcing agency.

CAL-GREEN - Waste Diversion Documentation Required:

(Ret Calgreen 5.408.1.4)
Contractor shall prepare and provide documentation to the enforcing agency which demonstrates compliance with Calgreen Sections 5.408.1.1 through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

Notes:

- Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at <http://www.bsc.ca.gov/Home/CALGreen.aspx> may be used to assist in documenting compliance with the waste management plan.
- Mixed construction and demolition debris (C&D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

CAL-GREEN - Excavated Soil & Land Clearing:

5.408.3 Excavated soil and land clearing debris. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.

Exception: Reuse, either on-or-off-site, of vegetation or soil contaminated by disease or pest infestation.

Notes:

- If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material. (www.cdffa.ca.gov/cecc/county_contacts.html)
- For a map of known pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdffa.ca.gov)

DEMOLITION GENERAL NOTES

- IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
- NO BURNING OR BLASTING SHALL BE PERMITTED.
- ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
- ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
- ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
- THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN IN THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR, FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.
- THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTENT. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REINSTALLED AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- CONTRACTOR SHALL COMPLY WITH CHAPTER 33 OF THE 2019 CFC, "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION" AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL HIRE A UTILITY LOCATING COMPANY AND SHALL SCAN THE ENTIRE AREA WITHIN THE LIMITS OF NEW WORK. ALL UTILITIES LOCATED SHALL BE MARKED AND PROTECTED DURING THE LIVING OPERATIONS AS WELL AS ANY EXCAVATING TASKS. ANY LOCATED UTILITY DAMAGED WITHIN THE LIMITS OF WORK WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.
- ALL DEMOLITION SHALL BE APPROPRIATELY SUPPORTED AND REINFORCED DURING REMOVAL TO PREVENT INJURY FROM FALLING, PROJECTILE, OR OTHERWISE MOVING DEBRIS OR OTHER DELETERIOUS MATERIAL. ONSITE SAFETY WITHIN THE LIMITS OF WORK IS THE CONTRACTORS SOLE RESPONSIBILITY.

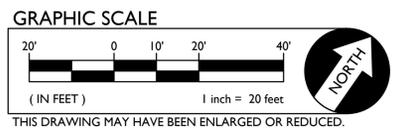
DEMOLITION NOTES

- NOTE: NOT ALL NOTES MAY BE USED ON THIS SHEET.
- AND/OR LEGEND # DEMOLITION NOTES
- REMOVE ALL PLANTS, SHRUBS, EXISTING VEGETATION, AND IRRIGATION SYSTEMS. REFER TO EARTHWORK SPECIFICATIONS FOR ADDITIONAL SITE CLEARING REQUIREMENTS. SEE GENERAL IRRIGATION NOTE, THIS SHEET.
 - REMOVE EXISTING ASPHALT PAVING AND BASE TO ALLOW FOR NEW WORK. AC MAY BE GRINDED AND BLENDED WITH EXISTING BASE, EXCAVATED AND USED AS FILL, REFER TO EARTHWORK SPECIFICATIONS.
 - REMOVE EXISTING CONCRETE PAVING AND BASE ROCK. WHERE SAWCUTS ARE NECESSARY, THEY SHALL BE A NEAT STRAIGHT LINE. CUT SHALL BE MADE AT NEAREST EXISTING JOINT TO LOCATION SHOWN.
 - REMOVE EXISTING CONCRETE CURB, MOWBAND, APRON OR GUTTER AS SHOWN.
 - SAWCUT EXISTING GATE POST TO GRADE. GRIND FLUSH SO NO LIP IS PRESENT. FILL WITH MORTAR TO FLUSH WITH GRADE AND TOOL SMOOTH.
 - REMOVE EXISTING CHAIN LINK FENCING AND GATES AS SHOWN. REMOVE POST TO INCLUDE CONCRETE FOOTINGS. REPAIR FINISHED SURFACES.
 - EXISTING DRAIN INLET TO REMAIN.

Concrete Sawcut Note:
SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND NEAREST THE LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS, HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.

Dust Control:
CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES AT ALL TIMES WHEN A SITE CONSTRUCTION ACTIVITY MAY GENERATE AIRBORNE DUST, INCLUDING BUT NOT LIMITED TO, APPLICATION OF WATER, HAUL TRUCK COVERS, STOCKPILE COVERS, STRAW/MULCH, APPROVED SOIL STABILIZATION CHEMICALS/TACKIFIERS, RETAINED VEGETATION, HYDROSEED, ETC. REFER TO CONTRACTORS SWPPP, PROJECT SPECIFICATION SECTION 31 10 00, 1.06.

Utility Verification Note:
PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.



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OWNER:
Sacramento City Unified School District
Sacramento City Unified School District
5735 47th Avenue
Sacramento, CA 95824-4528



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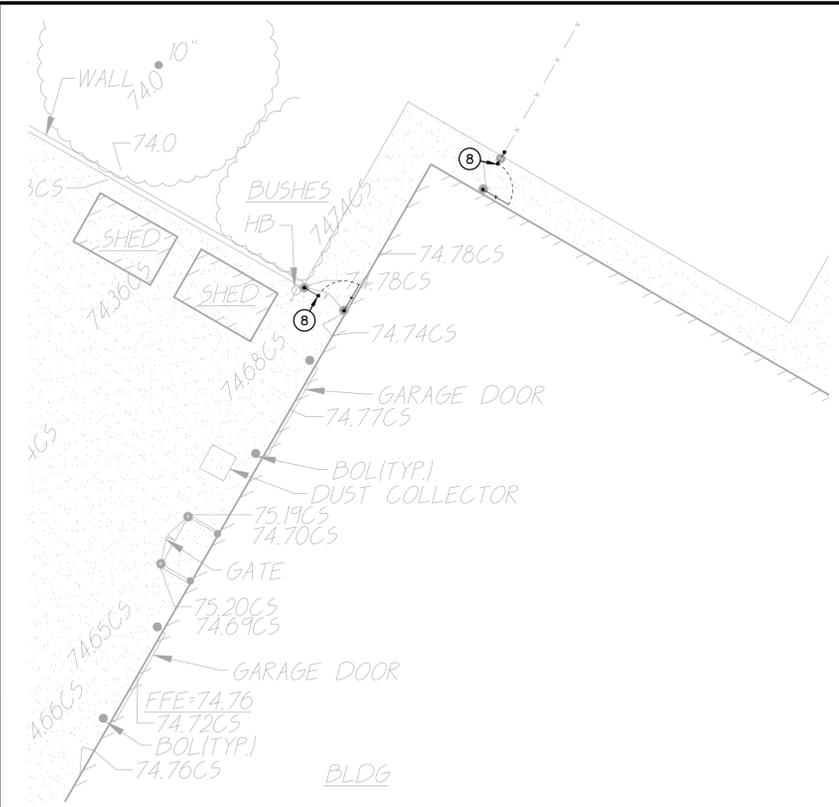
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| CHECKED: AT | PROJECT NO. 23-051 |
| DESIGNED: SMN/AT | DATE: 05/01/2023 |
| ISSUANCE: | |

SHEET TITLE:
DEMOLITION PLAN

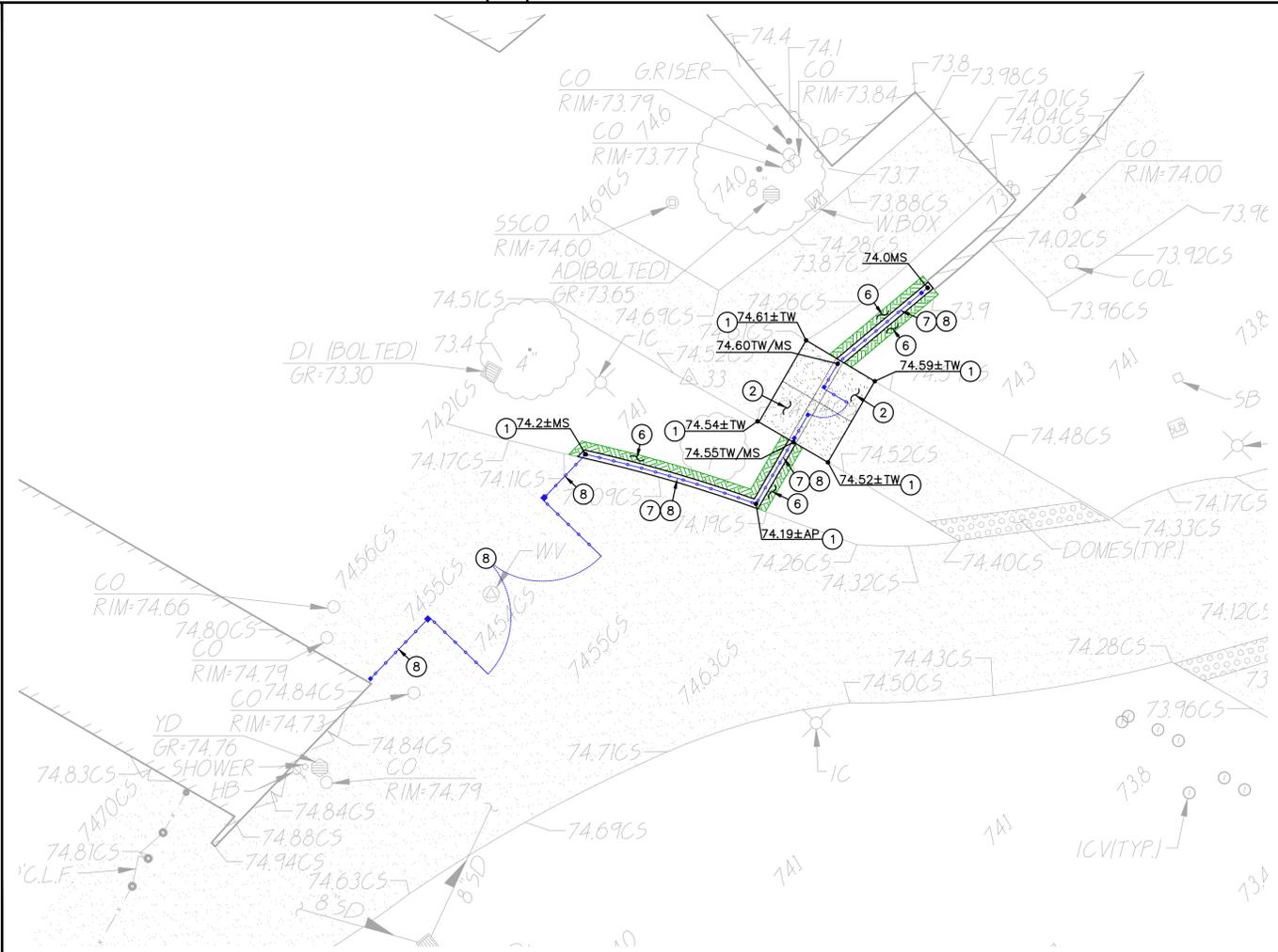
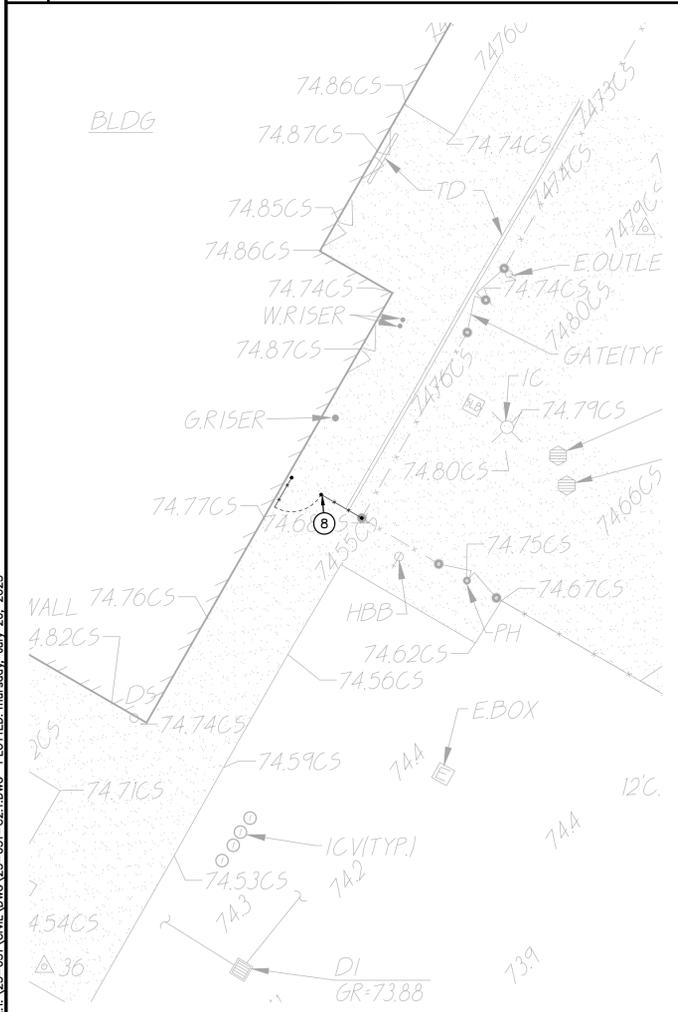
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1 CONSTRUCTION PLAN SCALE 1" = 10'-0"

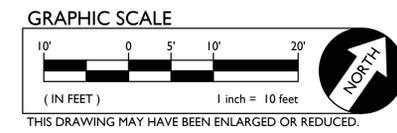
2 CONSTRUCTION PLAN SCALE 1" = 10'-0"



3 CONSTRUCTION PLAN SCALE 1" = 10'-0"

4 CONSTRUCTION PLAN SCALE 1" = 10'-0"

- LEGEND**
- ① CONSTRUCTION NOTES
 - NOT ALL NOTES MAY BE USED ON THIS SHEET
 - 1. MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SLABS TO EXISTING, DOWEL SLABS PER THE DETAIL PROVIDED AT 24" O.C. ①
C4.1
 - 2. PLACE 5" CONCRETE PAVING WITH #4 REBAR AT 24" O.C.E.W. OVER 6" CLASS II AB ON COMPACTED SUBGRADE PER THE TYPICAL DETAILS PROVIDED. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE PREPARATION, SECTION 32 16 00 FOR CONCRETE PAVING. ②
C4.1
 - 3. CONSTRUCT CONCRETE CURB WITH APRON PER THE DETAIL PROVIDED. ③
C4.1
 - 4. CONSTRUCT 12" WIDE CONCRETE APRON AROUND DRAIN INLET PER THE DETAIL PROVIDED. ④
C4.1
 - 5. PLACE 3" AC PAVING OVER 12" CLASS II AB ON COMPACTED SUBGRADE, OR MATCH EXISTING SECTION, WHICHEVER IS GREATER. REFER TO SPECIFICATIONS SECTION 32 12 16 FOR MATERIALS AND CONSTRUCTION. REFER TO SECTION 31 00 00 FOR SUBGRADE PREPARATION. ⑤
C4.1
 - 6. PATCH AND REPAIR EXISTING LANDSCAPING AND IRRIGATION ALONG EDGE OF NEW WORK. RELOCATE AND ADJUST EXISTING HEADS AS NEEDED TO MAINTAIN COVERAGE. REPLACE ALL BROKEN HEADS RELOCATED. TAPER ALL GRADING AWAY FROM NEW CURBS AND APRONS AND SET GRADES BELOW APRONS, CURBS AND WALKS TO ALLOW FOR LAWN AND OTHER PLANTING PATCH BACK PER THE DETAILS PROVIDED. PROVIDE NEW SOD IN DISTURBED LAWN AREAS. ⑥
C4.1
 - 7. CONSTRUCT 12" WIDE CONCRETE APRON PER THE DETAIL PROVIDED. ⑦
C4.1
 - 8. SEE FENCING PLAN FOR NEW FENCING. ⑧
C4.1



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 Sacramento City Unified School District
 5735 47th Avenue
 Sacramento, CA 95824-4528



Rosemont High School 2023 Fencing

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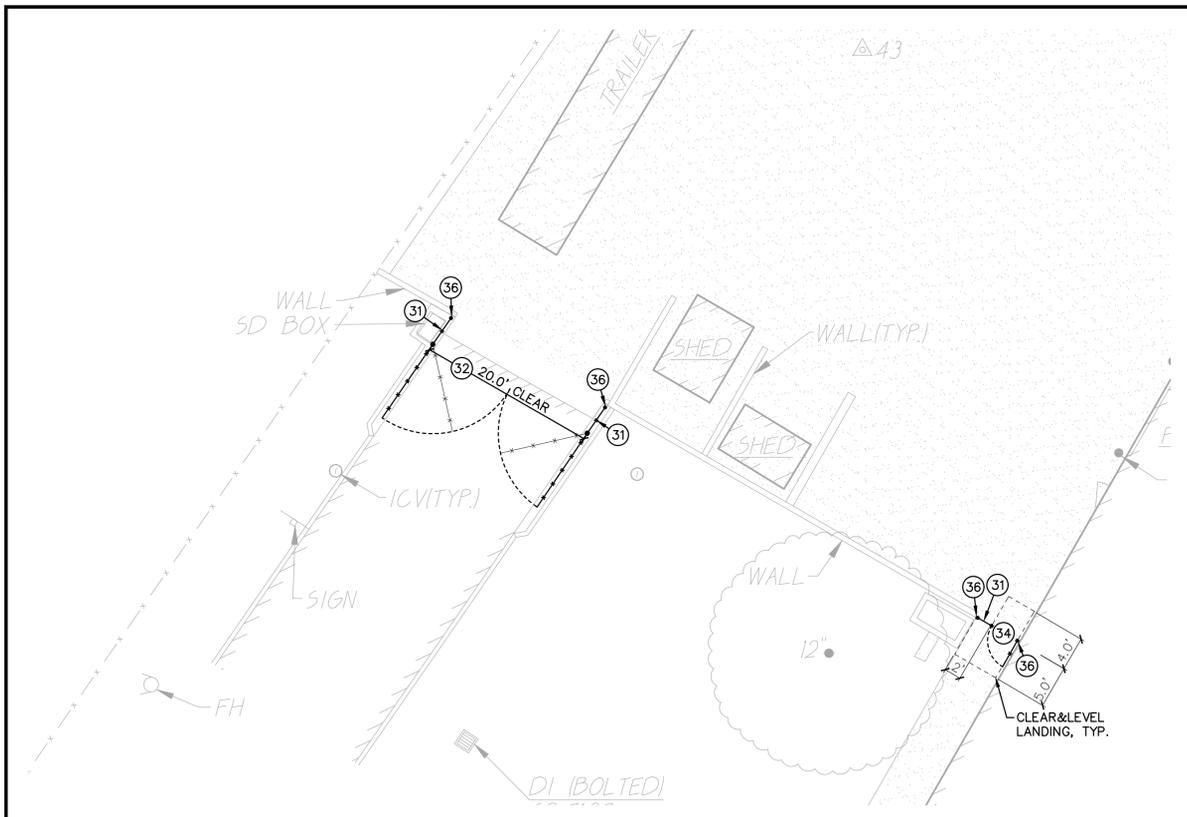
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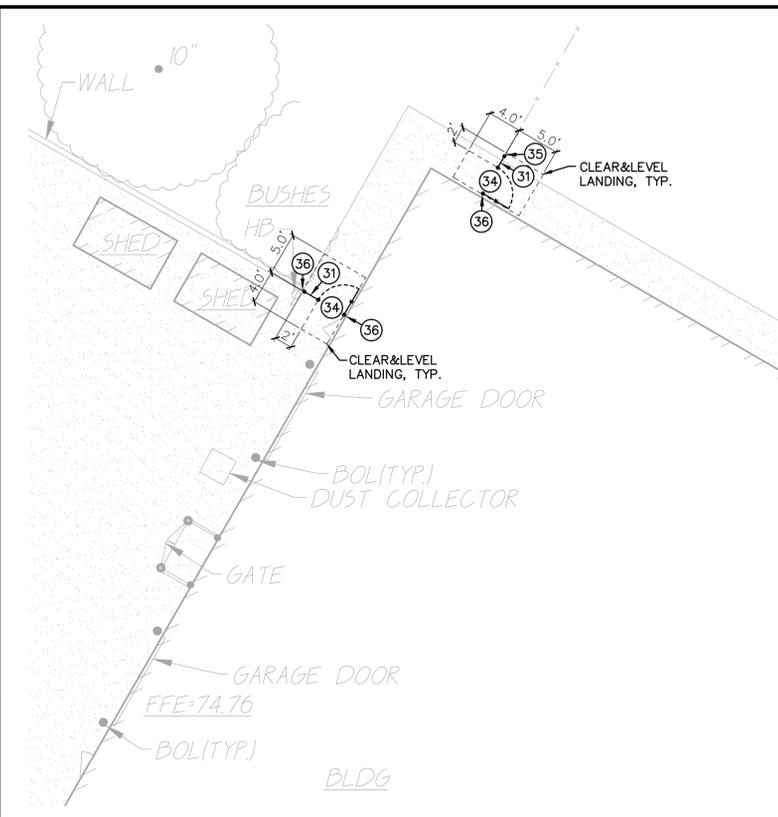
SHEET TITLE:
GRADING PLAN

SHEET NO.
C2.1

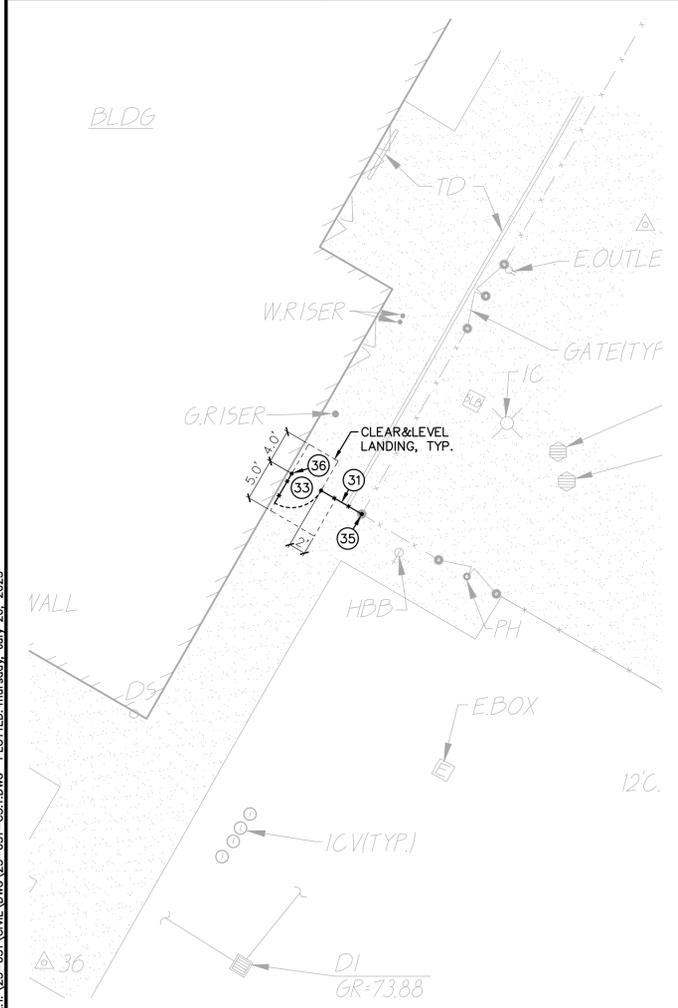
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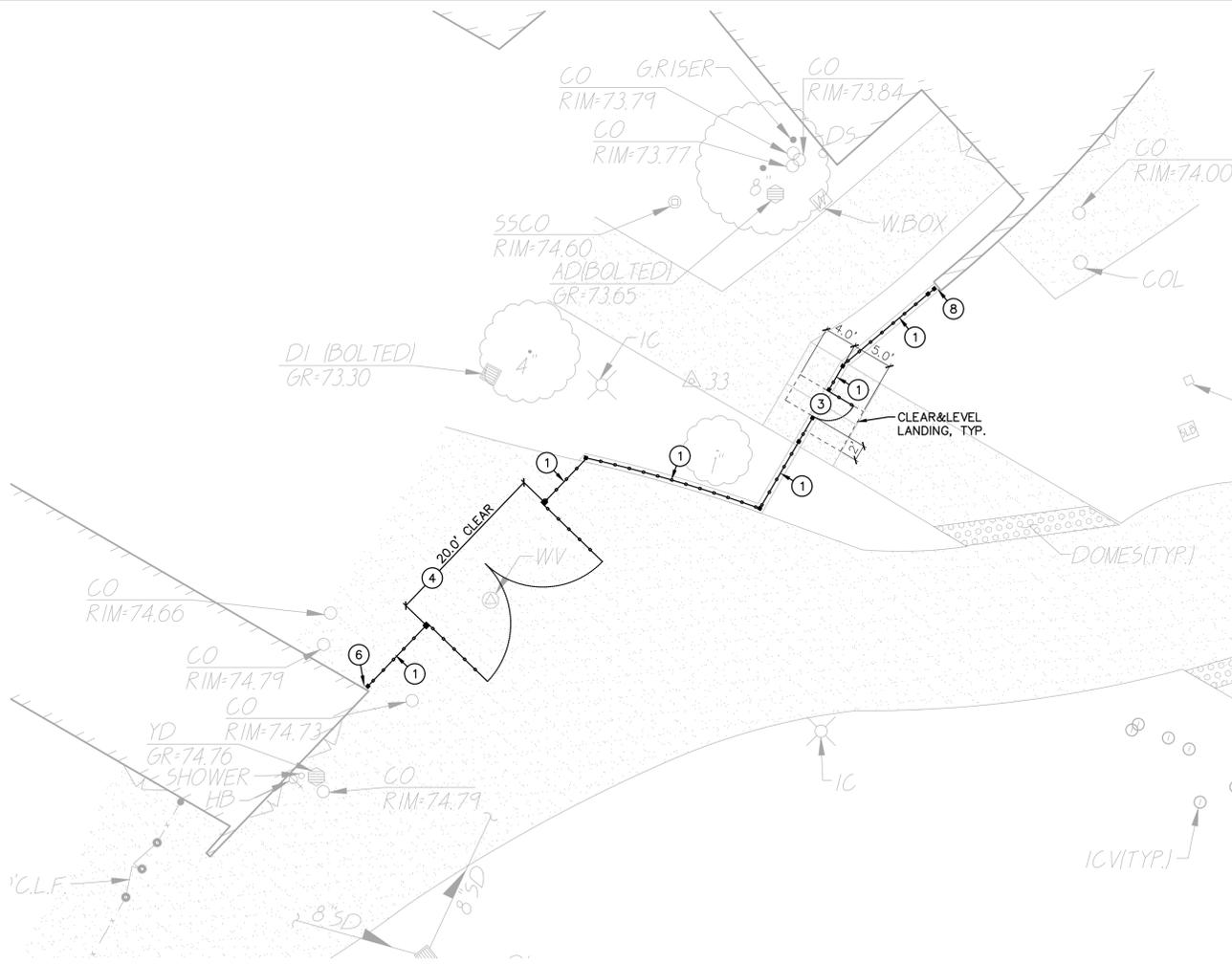
1 FENCING PLAN SCALE 1" = 10'-0"



2 FENCING PLAN SCALE 1" = 10'-0"



3 FENCING PLAN SCALE 1" = 10'-0"



4 FENCING PLAN SCALE 1" = 10'-0"

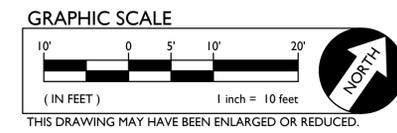
ORNAMENTAL FENCING NOTES

1. PLACE 6' TALL 3-RAIL ORNAMENTAL FENCING. REFER TO SPECIFICATIONS SECTION 32 31 19. REFER TO GRADING/CONSTRUCTION PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, CONCRETE APRON, ETC. SEE ALSO TYPICAL FENCING DETAILS PROVIDED. 1
C4.2
2. NOT USED.
3. CONSTRUCT 6' TALL BLACK 3-RAIL ORNAMENTAL 48" WIDE (NOMINAL) SINGLE SWING PEDESTRIAN GATE WITH PANIC HARDWARE AND CLOSERS. REFER TO SPECIFICATIONS SECTION 32 31 19. AND DETAILS PROVIDED. 4
C4.2
4. CONSTRUCT 6' TALL BLACK 3-RAIL ORNAMENTAL DOUBLE SWING MAINT. ACCESS GATE, CLEAR WIDTH AS NOTED, REFER TO SPECIFICATIONS SECTION 32 31 19. 2
C4.2
5. CONNECT TO EXISTING FENCING/POST. IF NO EXISTING POST, SET NEW POST AND CONNECT BOTH NEW AND EXISTING FENCING TO NEW POST.
6. SET NEW POST SO THAT THERE IS NO MORE THAN 4" GAP BUT NO LESS THAN 2" GAP BETWEEN EXISTING WALL OR OTHER OBSTRUCTION AND EDGE OF NEW POST. AT CONTRACTORS OPTION, POST MAY BE SET AT 12" FROM OBSTRUCTION AND A WELDED CLOSURE PANEL INSTALLED TO REDUCE GAP TO THE ABOVE STATED. CLOSURE PANEL SHALL MATCH THAT OF ADJOINING FENCING AND MAY BE ATTACHED TO WALL OR OBSTRUCTION. IF PLANNED TO ATTACH, CONTRACTOR TO PROVIDE METHOD OF ATTACHMENT FOR APPROVAL.
7. CONSTRUCT 6' TALL BLACK 3-RAIL ORNAMENTAL 42" WIDE (NOMINAL) SINGLE SWING PEDESTRIAN GATE WITH PANIC HARDWARE AND CLOSERS. REFER TO SPECIFICATIONS SECTION 32 31 19. AND DETAILS PROVIDED. 4
C4.2
8. SET NEW POST OFFSET FROM ANGLED WALL TO ALLOW 3" CLEAR FROM WALL AT THE TOP OF POST. WELD CLOSURE PANEL SO THAT THERE IS NO MORE THAN 4" GAP BUT NO LESS THAN 2" GAP BETWEEN EXISTING WALL OR OTHER OBSTRUCTION AND EDGE OF NEW POST. CLOSURE PANEL SHALL MATCH THAT OF ADJOINING FENCING AND MAY BE ATTACHED TO WALL OR OBSTRUCTION. IF PLANNED TO ATTACH, CONTRACTOR TO PROVIDE METHOD OF ATTACHMENT FOR APPROVAL.

CHAIN LINK FENCING NOTES

31. PLACE 6' TALL BLACK VINYL COATED CHAIN LINK FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING/CONSTRUCTION PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, CONCRETE APRON, ETC. SEE ALSO TYPICAL FENCING DETAILS PROVIDED. 1
C4.3
32. CONSTRUCT 6' TALL BLACK VINYL COATED CHAIN LINK DOUBLE SWING MAINT. ACCESS GATE, CLEAR WIDTH AS NOTED, REFER TO SPECIFICATIONS SECTION 32 31 13. 5
C4.3
33. CONSTRUCT 6' TALL BLACK VINYL COATED CHAIN LINK FENCING 48" WIDE (NOMINAL) SINGLE SWING PEDESTRIAN GATE WITH PANIC HARDWARE AND CLOSERS. REFER TO SPECIFICATIONS SECTION 32 31 13. AND DETAILS PROVIDED. 6
C4.3
34. CONSTRUCT 6' TALL BLACK VINYL COATED CHAIN LINK FENCING 42" WIDE (NOMINAL) SINGLE SWING PEDESTRIAN GATE WITH PANIC HARDWARE AND CLOSERS. REFER TO SPECIFICATIONS SECTION 32 31 13. AND DETAILS PROVIDED. 6
C4.3
35. CONNECT TO EXISTING FENCING/POST. IF NO EXISTING POST, SET NEW POST AND CONNECT BOTH NEW AND EXISTING FENCING TO NEW POST.
36. SET NEW POST SO THAT THERE IS NO MORE THAN 4" GAP BUT NO LESS THAN 2" GAP BETWEEN EXISTING WALL OR OTHER OBSTRUCTION AND EDGE OF NEW POST. AT CONTRACTORS OPTION, POST MAY BE SET AT 12" FROM OBSTRUCTION AND A WELDED CLOSURE PANEL INSTALLED TO REDUCE GAP TO THE ABOVE STATED. CLOSURE PANEL SHALL MATCH THAT OF ADJOINING FENCING AND MAY BE ATTACHED TO WALL OR OBSTRUCTION. IF PLANNED TO ATTACH, CONTRACTOR TO PROVIDE METHOD OF ATTACHMENT FOR APPROVAL.

FILENAME: I:\23-051-C31.DWG PLOTTED: Thursday, July 20, 2023



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 5735 47th Avenue
 Sacramento, CA 95824-4528



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 Sacramento, CA 95827

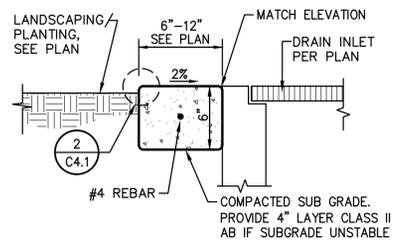
| REVISIONS | |
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| CHECKED: AT | PROJECT NO. 23-051 |
| DESIGNED: SMN/AT | DATE: 05/01/2023 |

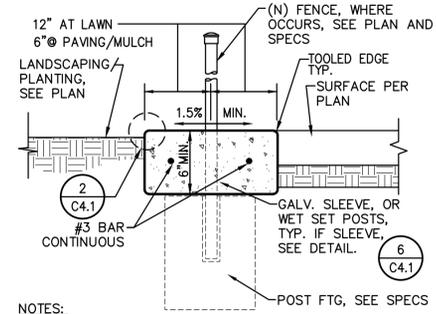
ISSUANCE:

SHEET TITLE:
GRADING PLAN

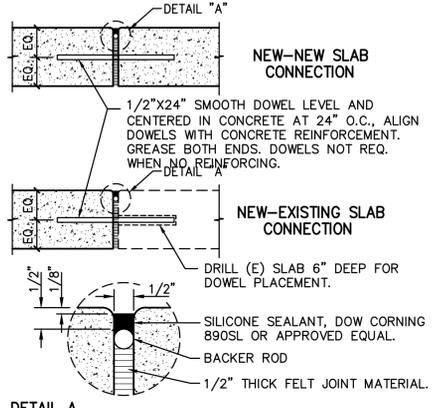
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C3.1



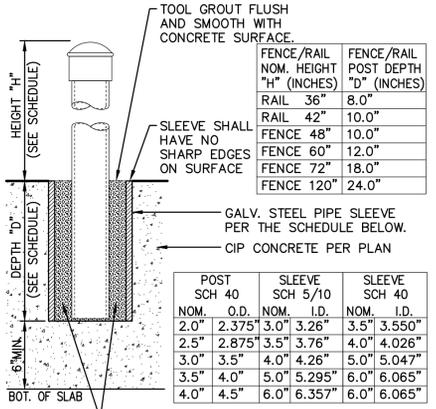
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C4.1 DRAIN APRON NO SCALE



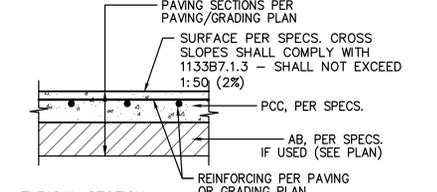
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C4.1 CONCRETE APRON NO SCALE



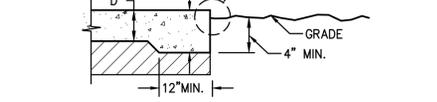
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C4.1 EXPANSION JOINT NO SCALE



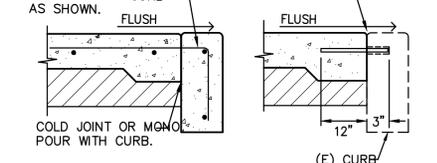
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C4.1 POST SLEEVE DETAIL NO SCALE



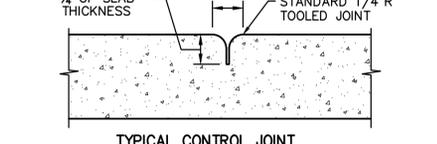
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C4.1 CONCRETE SIDEWALK NO SCALE



2
C4.1 PAVING EDGE DETAIL NO SCALE



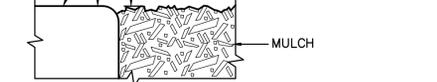
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C4.1 GATE APRON NO SCALE



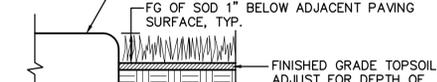
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C4.1 CONCRETE SIDEWALK NO SCALE



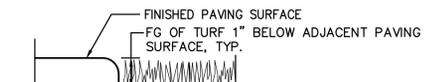
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C4.1 PAVING EDGE DETAIL NO SCALE



3
C4.1 GATE APRON NO SCALE



2
C4.1 PAVING EDGE DETAIL NO SCALE



3
C4.1 GATE APRON NO SCALE



2
C4.1 PAVING EDGE DETAIL NO SCALE

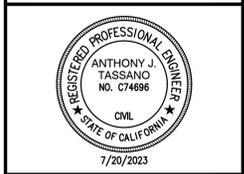


3
C4.1 GATE APRON NO SCALE

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1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870



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Sacramento, CA 95824-4528



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Sacramento, CA 95827

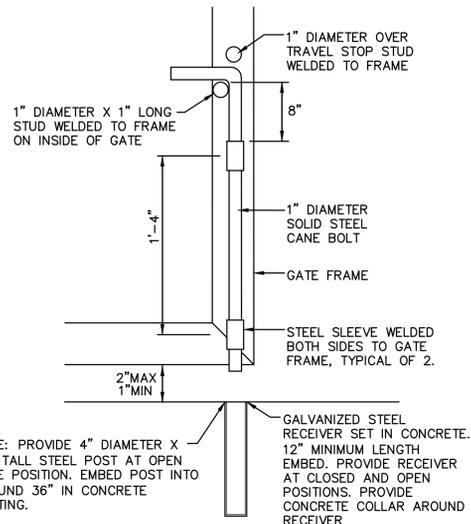
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DRAWN: SMN SCALE: AS NOTED
CHECKED: AT PROJECT NO. 23-051
DESIGNED: SMN/AT DATE: 05/01/2023
ISSUANCE:

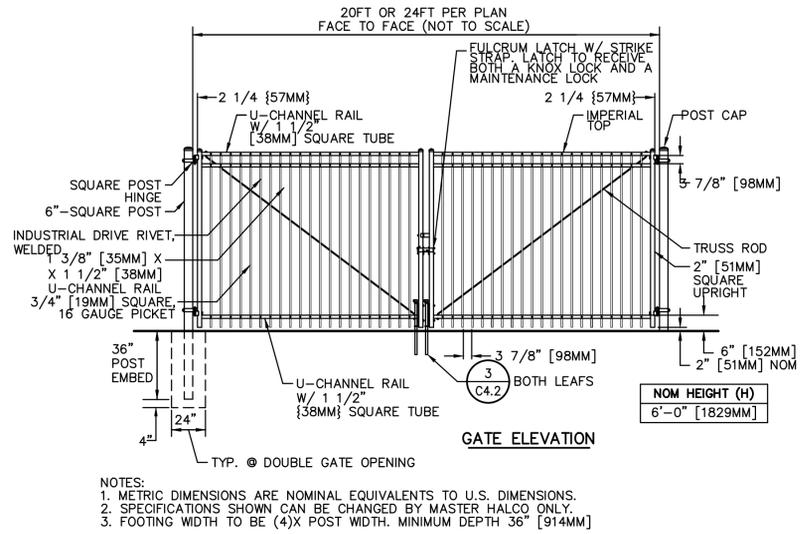
SHEET TITLE:
DETAILS AND SECTIONS

SHEET NO.
C4.1

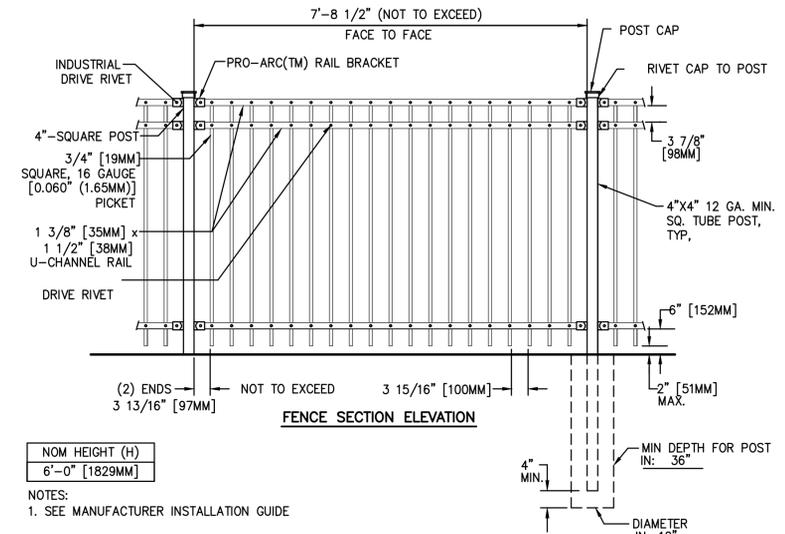
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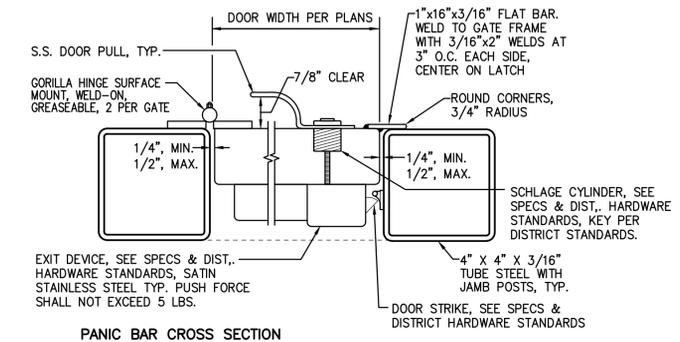
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C4.2 CANE BOLT DETAIL NO SCALE



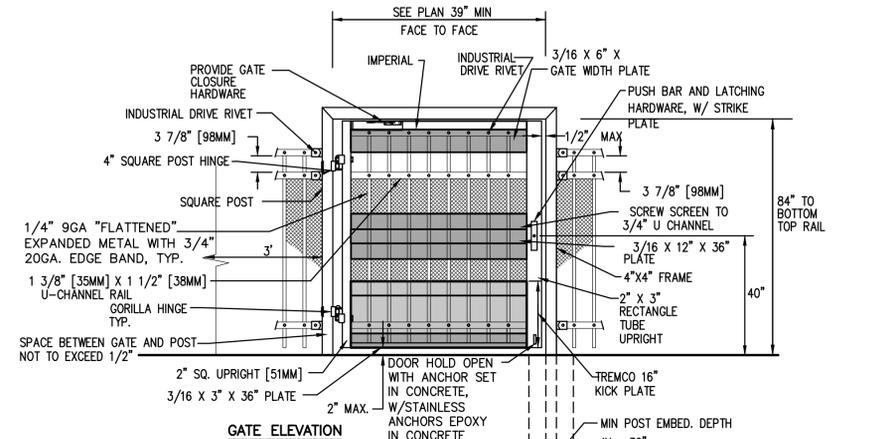
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C4.2 TYPICAL ORNAMENTAL VEHICULAR ACCESS GATE NO SCALE



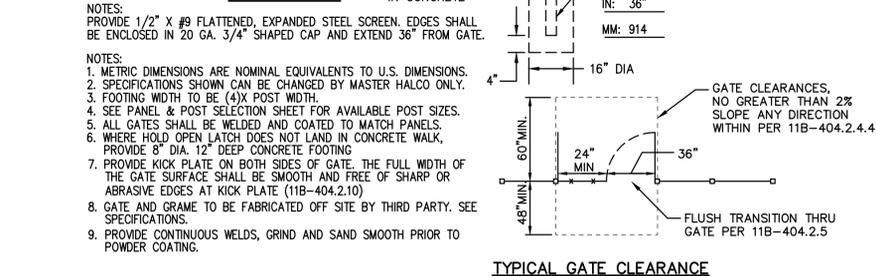
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C4.2 TYPICAL ORNAMENTAL FENCING - 6' HEIGHT NO SCALE



PANIC BAR CROSS SECTION



TYPICAL GATE CLEARANCE



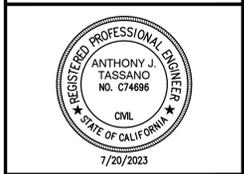
4
C4.2 TYPICAL ORNAMENTAL ACCESSIBLE GATE - SINGLE NO SCALE

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 Sacramento, CA 95827

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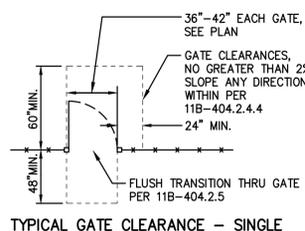
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| CHECKED: | AT | PROJECT NO. | 23-051 |
| DESIGNED: | SMN/AT | DATE: | 05/01/2023 |

ISSUANCE:

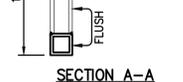
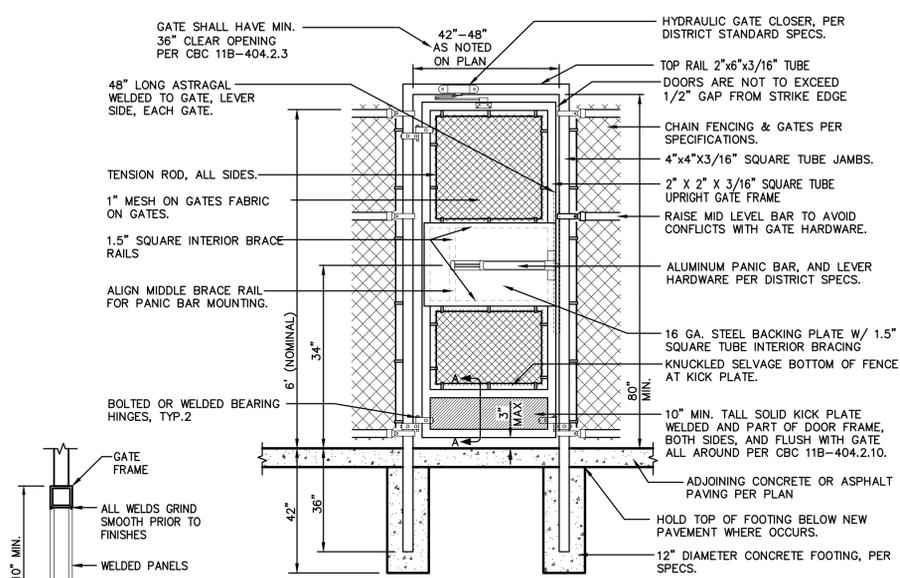
SHEET TITLE:
DETAILS AND SECTIONS

SHEET NO.
C4.2

FILENAME: I:\23-051\CIVIL\DWG\23-051-C4.1.DWG PLOTTED: Thursday, July 20, 2023



TYPICAL GATE CLEARANCE - SINGLE



SECTION A-A

- NOTES:
- METRIC DIMENSIONS ARE NOMINAL EQUIVALENTS TO U.S. DIMENSIONS.
 - FOOTING WIDTH TO BE (4)X POST WIDTH.
 - ALL GATES SHALL BE WELDED AND POWDER COATED TO MATCH PANELS.
 - GATE AND FRAME TO BE FABRICATED OFF SITE BY THIRD PARTY. SEE SPECIFICATIONS.
 - PROVIDE CONTINUOUS WELDS, GRIND AND SAND SMOOTH PRIOR TO POWDER COATING.

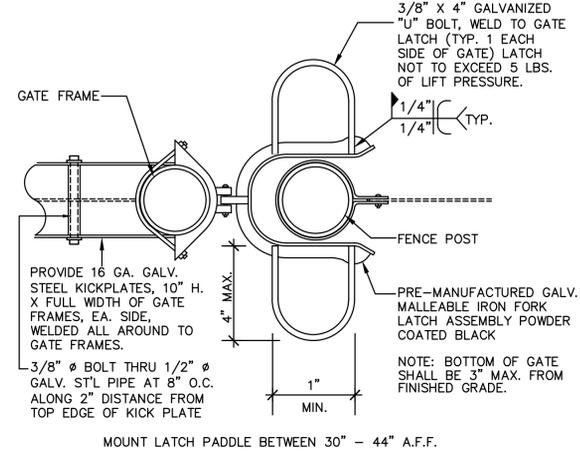
NOTE: DO NOT NOTCH OR MODIFY MULLION WITHOUT DISTRICTS APPROVAL AND MOCK UP FIRST

Note: All gates shall have a closing speed (per CBC 11B-404.2.8) and opening force (CBC 11B404.2.9). Closers and bearing hinges are important to achieve this criteria.

6 TYPICAL CHAIN LINK ACCESSIBLE GATE - SINGLE SWING

C4.3

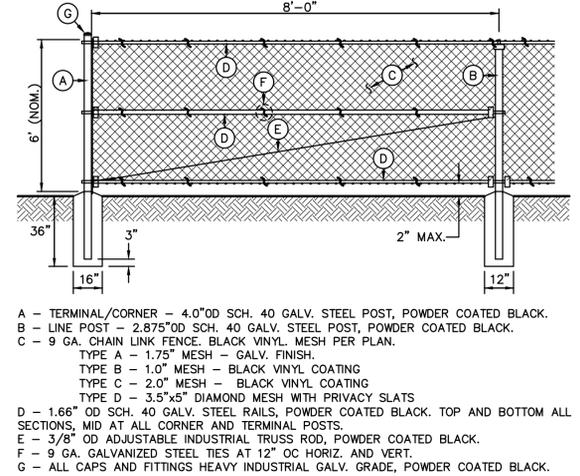
NO SCALE



GATE LATCH

C4.3

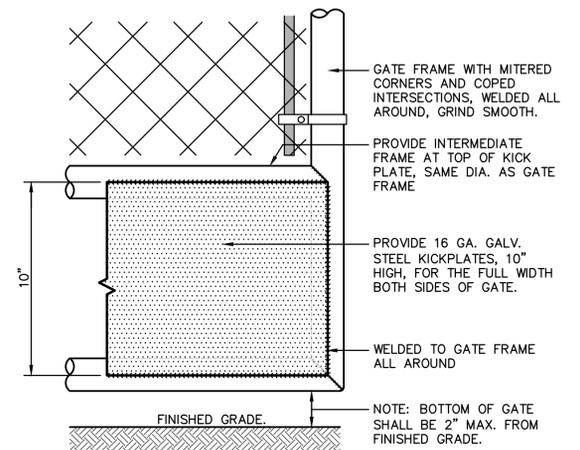
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1 6' TALL CHAIN LINK FENCING

C4.3

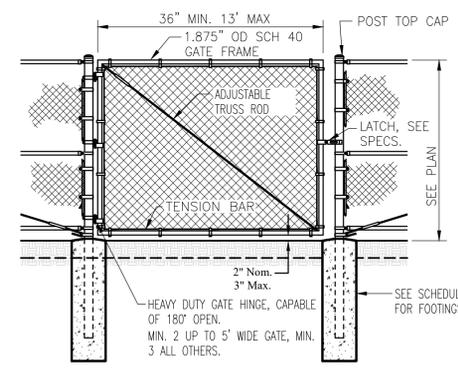
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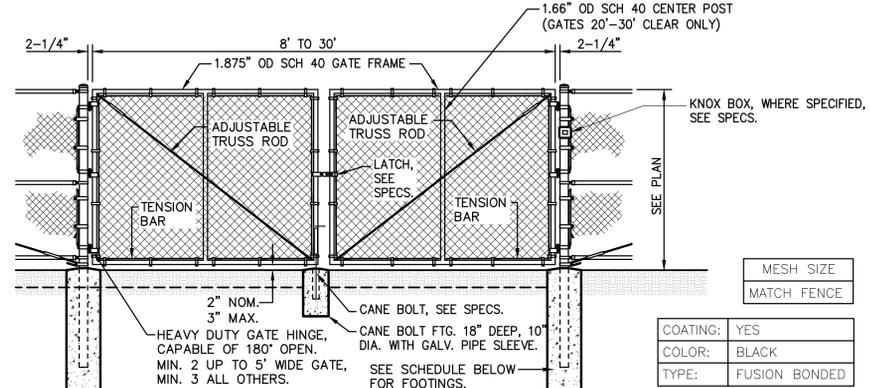
2 ACCESSIBLE KICKPLATE

C4.3

NO SCALE



- NOTES:
- GATE FRAME SHALL HAVE WELDED CORNERS, NO PRE-MANUFACTURED CORNERS WILL BE ACCEPTED.
 - GRIND ALL WELDS SMOOTH AND RE-GALVANIZED WITH HOT-STICK GALVANIZING PROCESS.



| | |
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| MESH SIZE | MATCH FENCE |
| COATING: | YES |
| COLOR: | BLACK |
| TYPE: | FUSION BONDED |

FENCES TO 9' HEIGHT

| GATE POST SCHEDULE | POST DIA. | GATE LEAF | POST EMBED | DEPTH | DIA. (MIN) |
|--------------------|-----------|------------|------------|-------|------------|
| | 4.0" OD | 2'-4" | 30" | 36" | 16" |
| | 4.0" OD | 4.1'-9" | 36" | 42" | 18" |
| | 4.0" OD | 9.1'-12.5' | 42" | 48" | 18" |
| | 6.0" OD | 12.6'-18' | 42" | 48" | 24" |

FENCES TO 10'-12' HEIGHT

| GATE POST SCHEDULE | POST DIA. | GATE LEAF | POST EMBED | DEPTH | DIA. (MIN) |
|--------------------|-----------|------------|------------|-------|------------|
| | 4.0" OD | 2'-4" | 30" | 42" | 16" |
| | 4.0" OD | 4.1'-9" | 42" | 48" | 18" |
| | 6.0" OD | 9.1'-12.5' | 42" | 48" | 24" |
| | 6.0" OD | 12.6'-18' | 48" | 54" | 24" |

5 TYPICAL CHAIN LINK VEHICULAR GATE

C4.3

NO SCALE

3 NOT USED

C4.3

NO SCALE

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Sacramento City Unified School District
5735 47th Avenue
Sacramento, CA 95824-4528

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
NO. C74696
CML
STATE OF CALIFORNIA
7/30/2023

Rosemont High School
2023 Fencing
9594 Kiefer Blvd.
Sacramento, CA 95827

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| DRAWN: SMN | SCALE: AS NOTED |
| CHECKED: AT | PROJECT NO. 23-051 |
| DESIGNED: SMN/AT | DATE: 05/01/2023 |

DETAILS AND SECTIONS

SHEET TITLE:
C4.3