

RIVER CITY HIGH SCHOOL TENNIS COURT REPAIRS 2026

1 Raider Lane
West Sacramento, CA 95691



**WASHINGTON
UNIFIED
SCHOOL
DISTRICT**
WEST SACRAMENTO

DSA

ENGINEER

WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
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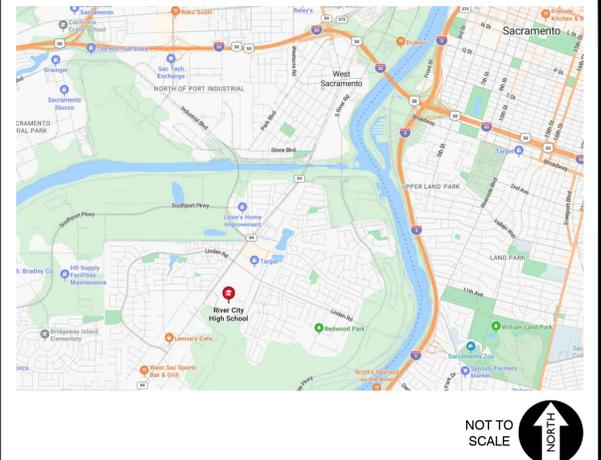
CONSULTANT:

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	LIP	LIP OF GUTTER
APN	ASSESSOR'S PARCEL NUMBER	LT	LEFT
ARV	AIR RELEASE VALVE	MS	MOWSTRIP
ASB	AGGREGATE SUB-BASE	NTS	NOT TO SCALE
BO	BLOW-OFF VALVE	OH	OVERHEAD
BV	BUTTERFLY VALVE	PCC	PORTLAND CEMENT CONCRETE
BW	BACK OF WALK	PD	PLANTER DRAIN
C/L	CENTERLINE	PV	POST INDICATOR VALVE
CB	CATCH BASIN	PL	PROPERTY LINE
CL	CLASS	PP	POWER POLE
CMP	CORRUGATED METAL PIPE	PUE	PUBLIC UTILITY EASEMENT
CATV	CABLE TELEVISION	PVC	POLYVINYL CHLORIDE
CO	CLEANOUT	RCP	REINFORCED CONCRETE PIPE
COMM	COMMUNICATION	R	RADIUS
CONC.	CONCRETE	RM	MANHOLE RIM ELEVATION
CONST.	CONSTRUCT	RP	REDUCED PRESSURE BACKFLOW PREVENTER
CR	CURB RETURN	RW	RIGHT OF WAY
CS	CONCRETE SURFACE	SCH	SCHEDULE
DC	DOUBLE CHECK VALVE	SD	STORM DRAIN
DDC	DOUBLE DETECTOR CHECK VALVE	SDMH	STORM DRAIN MANHOLE
DG	DECOMPOSED GRANITE	SG	SUBGRADE ELEVATION
DI	DROP INLET	SI	SIDE INLET
DIA	DIAMETER	SS	SANITARY SEWER
DIP	DUCTILE IRON PIPE	SSMH	SANITARY SEWER MANHOLE
DWG	DRAWING	STD	STANDARD
DS	DOWNSPOUT	S/W	SIDEWALK
E	ELECTRIC	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	UON	UNLESS OTHERWISE NOTED
GR	GRATE ELEVATION	VCP	VITRIFIED CLAY PIPE
GRD	GRADE ELEVATION	W	WATER
GV	GATE VALVE	W/O	WITH
HB	HOSE BIB	W/O	WITHOUT
HBD	HEADER BOARD	WV	WATER VALVE
HDPE	HIGH DENSITY POLYETHYLENE PIPE		
HP	HIGH POINT		
INV	PIPE INVERT ELEVATION		

VICINITY MAP



PROJECT NARRATIVE

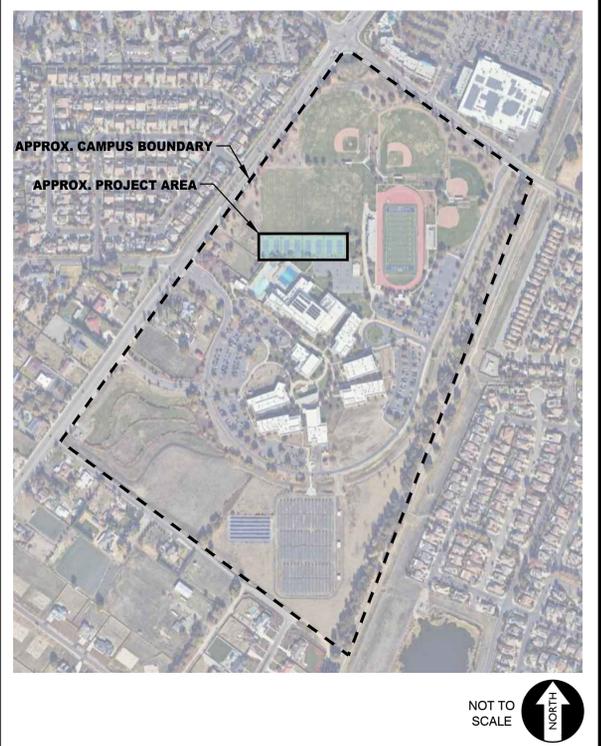
REMOVAL AND REPLACEMENT OF TENNIS COURT PAVING, SURFACING AND STRIPING WITH NEW NET AND POST SYSTEMS.

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 CONTRACTOR'S 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 CONTRACTOR'S 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 ANOTHER OFFICIAL AS-BUILT 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 TRAVELED 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 CRACKING. THESE 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 CONTRACTOR'S EXPENSE.
- ALL CONTRACTION/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 CONTRACTOR'S 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.



SITE MAP



APPLICABLE REGULATIONS

N/A

DEFERRED APPROVALS

N/A

APPLICABLE CODES & STANDARDS

- BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
- 2025 CALIFORNIA FIRE CODE (FC), PART 9, TITLE 24 C.C.R.
- 2025 GREEN CALIFORNIA BUILDING STANDARDS, CALGREEN CODE, TITLE 24, PART 11
- 2025 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS

STATEMENTS:

N/A

SYMBOLS LEGEND

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

	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
	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
C1.1	DEMOLITION PLAN
C2.1	GRADING AND CONSTRUCTION PLAN
C2.2	GRADING AND CONSTRUCTION PLAN
C3.1	SURFACING, STRIPING AND EQUIPMENT PLAN
C4.1	DETAILS AND SECTIONS

OWNER:

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(916) 375-7600



River City High School
Tennis Court Repairs
1 Raider Lane
West Sacramento, CA 95691

OWNER/USER

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REVISIONS

NO.	DESCRIPTION

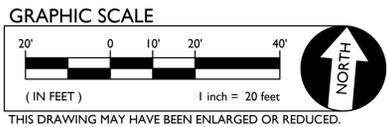
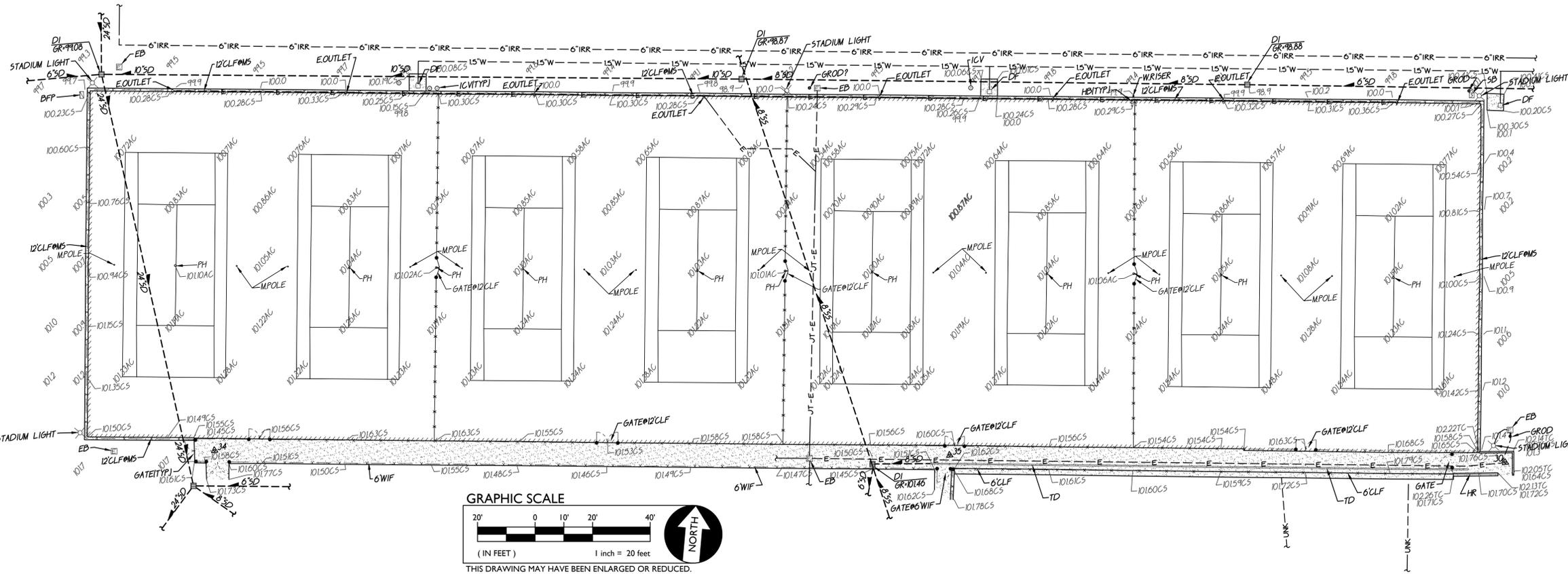
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CHECKED: AT	PROJECT NO. 26-001
DESIGNED: SMN/AT	DATE: 3/9/2026

CONSTRUCTION DOCUMENTS

SHEET TITLE:

COVER SHEET

SHEET NO.
C0.0



1 TOPOGRAPHIC SURVEY

SCALE 1" = 20'-0"

EXISTING TOPOGRAPHY

- P --- PROPERTY LINE
- C --- CENTERLINE
- E --- EASEMENT
- PROPERTY CORNER FOUND AS NOTED
- PROPERTY CORNER NOTHING FOUND OR SET
- △ 23 TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
- S --- SWALE OR DRAINAGE FLOW
- D --- DRAINAGE FLOW
- F --- FENCE (TYPE NOTED)
- TREE (SIZE/TYPE INDICATED)
- 100 --- SLOPE
- 100 --- CONTOUR
- C --- CONCRETE SURFACE
- A --- EDGE OF ASPHALT
- B --- EDGE OF BUILDING
- S --- SIGN
- P --- POST OR BOLLARD
- 99.9 GROUND ELEVATION
- 99.99 HARD SURFACE ELEVATION

BASIS OF BEARINGS:

ASSUMED

NOTE

EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES AND RECORD INFORMATION.

EXISTING UTILITIES

- 12SD --- STORM DRAIN LINE (SIZE + DIRECTION OF FLOW)
- 12SD --- STORM DRAIN LINE (RECORD INFORMATION)
- 12SD --- STORM DRAIN LINE (UNDERGROUND LOCATING)
- STORM DRAIN MANHOLE
- STORM DRAIN CLEANOUT
- DROP INLET
- AREA DRAIN
- RWL RAIN WATER LEADER
- DS DOWNSPOUT
- 12SS --- SANITARY SEWER LINE (SIZE + DIRECTION OF FLOW)
- 12SS --- SANITARY SEWER LINE (RECORD INFORMATION)
- 12SS --- 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
- B --- BACKFLOW PREVENTER
- SPRINKLER
- 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
- SIGNAL LIGHT
- 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

A.P.N.	046-020-067
BENCHMARK NO.	ELEV.
ASSUMED	

TBM LIST

NO	DESCRIPTION	Northing	Easting	Elevation
30	CPS CHISELED "+"	11169.21	10035.79	101.76
34	CPS CHISELED "+"	11212.44	9589.28	101.62
35	CPS CHISELED "+"	11188.57	9843.63	101.54

ABBREVIATIONS

- NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.
- | | |
|---------------------------------|--|
| AC ASPHALTIC CONCRETE | ICP IRRIGATION CONTROL PANEL |
| ACC ACCESSIBLE | ICV IRRIGATION CONTROL VALVE |
| ACU AIR CONDITIONING UNIT | INV PIPE INVERT ELEVATION |
| AD AREA DRAIN | IRR IRRIGATION |
| APN ASSESSOR'S PARCEL NUMBER | JP JOINT UTILITY POLE |
| ARV AIR RELEASE VALVE | JT JOINT TRENCH |
| BBALL BASKETBALL POLE | LDNG LANDING |
| BCM BRASS CAP MONUMENT | LVE LOW VOLTAGE ELECTRIC |
| BFP BACK FLOW PREVENTER | M METAL |
| BLK BLOCK | MH MANHOLE |
| BLDG BUILDING | MS MOW STRIP |
| BOL BOLLARD | MSC METAL STORAGE CONTAINER |
| BOV BLOW-OFF VALVE | NTS NOT TO SCALE |
| BR BRICK | OH OVERHEAD |
| BWIF BARBED WIRE FENCE | OHG OVERHANG |
| C COMMUNICATION | OIP OPEN IRON PIPE |
| C/L CENTERLINE | OSPH OLD STEEL POST HOLE |
| CATV CABLE TELEVISION | P/L PROPERTY LINE |
| CIP CAPPED IRON PIPE | PA PLANTER AREA |
| CLF CHAIN LINK FENCE | PA PARKING BUMPER |
| CMP CORRUGATED METAL PIPE | PH POSTHOLE |
| CO CLEANOUT | PIV POST INDICATOR VALVE |
| COL COLUMN | PP POWER POLE |
| CONC CONCRETE | PRKG PARKING |
| COND CONDENSATE | PUE PUBLIC UTILITY EASEMENT |
| CFF CONTROL POINT FOUND | PV PAVERS |
| CPS CONTROL POINT SET | PVC POLYVINYL CHLORIDE |
| CS CONCRETE SURFACE | R RUBBER |
| D DEPTH | RIM MANHOLE RIM ELEVATION |
| DDC DOUBLE DETECTOR CHECK VALVE | ROW RIGHT OF WAY |
| DF DRINKING FOUNTAIN | RP REDUCED PRESSURE BACKFLOW PREVENTER |
| DG DECOMPOSED GRANITE | RWALL RETAINING WALL |
| DI DROP INLET | RWL RAIN WATER LEADER |
| DIA DIAMETER | SD STORM DRAIN |
| DRWY DRIVEWAY | SDMH STORM DRAIN MANHOLE |
| DS DOWNSPOUT | SIG SIGNAL |
| DWG DRAWING | SL STREET LIGHT |
| E ELECTRIC | SLB STREET LIGHT BOX |
| EP EDGE OF PAVEMENT | SS SANITARY SEWER |
| ESMT EASEMENT | SSCO SANITARY SEWER CLEANOUT |
| EXM EXISTING | SMH SANITARY SEWER MANHOLE |
| FA FIRE ALARM | STL STEEL |
| FDC FIRE DEPARTMENT CONNECTION | T TELEPHONE |
| FFE FINISHED FLOOR ELEVATION | TBALL TETHER BALL POLE |
| PH FIRE HYDRANT | TBM TEMPORARY BENCHMARK |
| FL FLOWLINE | TOP OF CURB |
| FO FIBER OPTIC | TOW TOP OF WALL |
| FS FIRE SERVICE | TP TELEPHONE POLE |
| G GAS | TRW TOP OF RETAINING WALL |
| GB GRADE BREAK | UG UNDERGROUND |
| GR GRATE | UNK UNKNOWN |
| GRB GROUND ROD BOX | VBALL VOLLEYBALL |
| GRO GROUND ROD | W WATER |
| GV GAS VALVE | WI WITH |
| HB HOSE BIBB | W/O WITHOUT |
| HBD HEADER BOARD | WO WOOD |
| HP HIGH PRESSURE | WIF WROUGHT IRON FENCE |
| HR HANDRAIL | WRF WOOD RAIL FENCE |
| HVE HIGH VOLTAGE ELECTRIC | XFRM TRANSFORMER |
| HWF HOSE WIRE FENCE | XWALK CROSSWALK |

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REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
NO. CT4698
STATE OF CALIFORNIA
3/9/2026

River City High School Tennis Court Repairs

1 Raider Lane
West Sacramento, CA 95691

REVISIONS	
NO.	DESCRIPTION

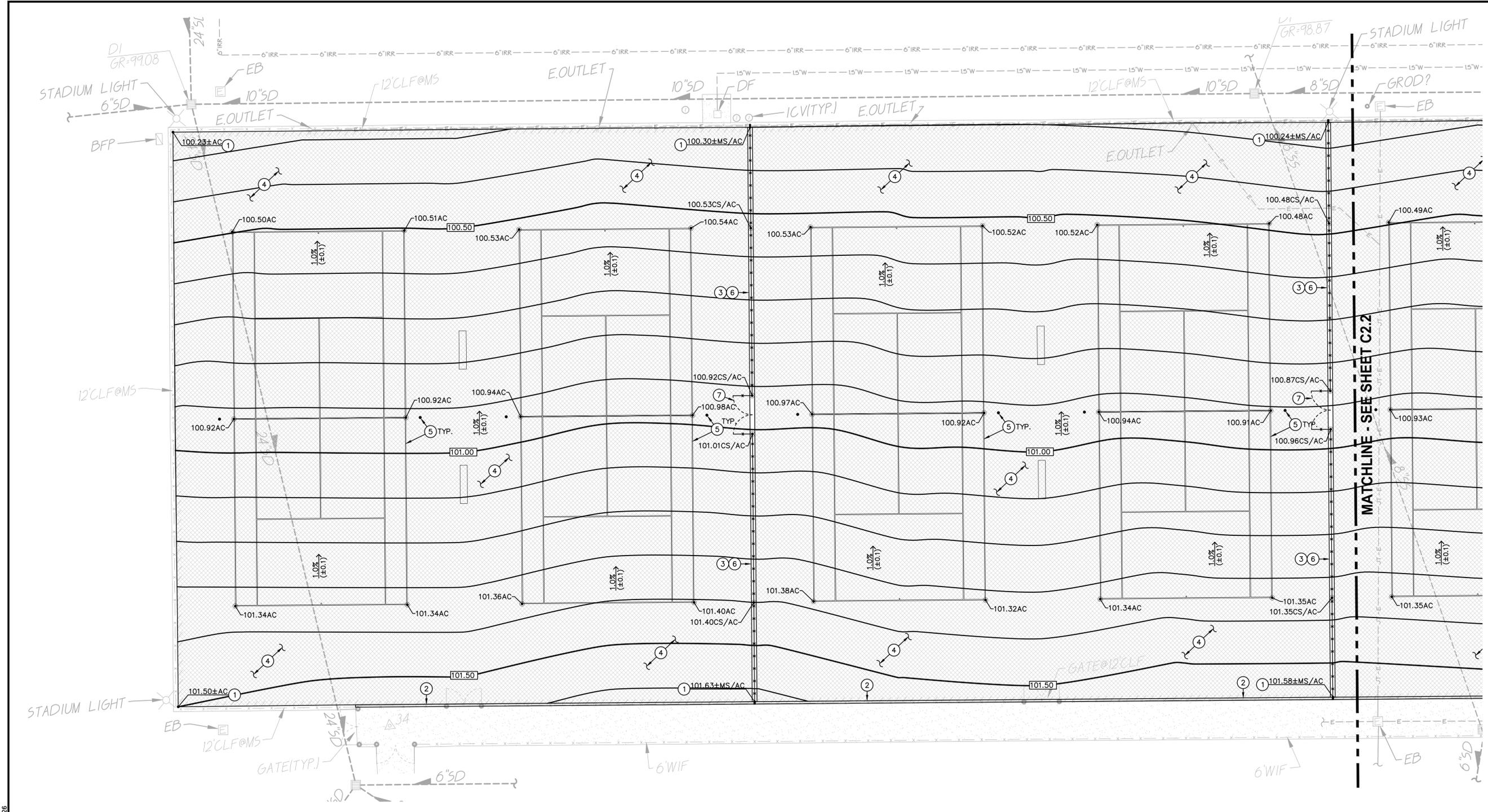
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CHECKED: AT	PROJECT NO. 26-001
DESIGNED: SMN/AT	DATE: 3/9/2026

ISSUANCE: CONSTRUCTION DOCUMENTS

SHEET TITLE: **TOPOGRAPHIC SURVEY**

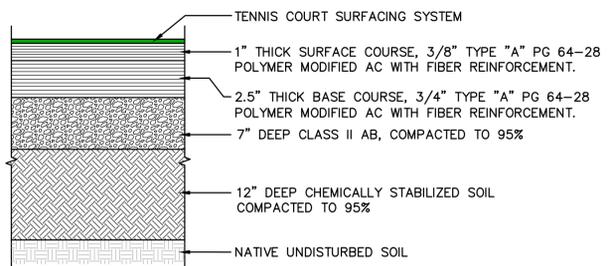
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BID DOCUMENTS

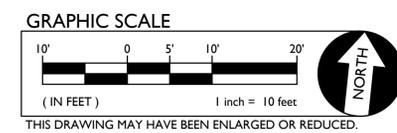


1 GRADING AND CONSTRUCTION PLAN

SCALE 1" = 10'-0"



1
C2.1 TYPICAL COURT SECTION
NO SCALE



- GRADING NOTES**
- MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SLABS TO EXISTING, DOWEL SLABS PER THE DETAIL PROVIDED AT 24" O.C. **(1 C4.1)**
 - CONSTRUCT CONCRETE BARRIER CURB PER THE DETAIL PROVIDED. **(2 C4.1)**
 - CONSTRUCT 12" WIDE CONCRETE APRON AT NEW OR EXISTING FENCING PER THE DETAIL PROVIDED. **(2 C4.1)**
 - PLACE 3.5" 2-LAYER FIBER STABILIZED ASPHALT PAVING OVER 7" OF CLASS II AB OVER 12" DEEP CHEMICALLY TREATED SUBGRADE PER SECTION 31 00 00, 31 32 00 AND ASPHALT PAVING PER 32 12 00. **(1 C2.1)**
 - SEE SURFACING, STRIPING AND EQUIPMENT PLAN FOR GAME EQUIPMENT.
 - CONSTRUCT 12' TALL CHAIN LINK FENCING PER THE DETAIL PROVIDED. **(4 C4.1)**
 - CONSTRUCT 8' TALL, DOUBLE 5' CHAIN LINK MAINTENANCE ACCESS GATE PER THE DETAIL PROVIDED. **(5 C4.1)**

DSA
ENGINEER



CONSULTANT:



Washington Unified School District
930 Westacre Road
West Sacramento, CA 95691
(916) 375-7600



River City High School Tennis Court Repairs
1 Raider Lane
West Sacramento, CA 95691

REVISIONS	
NO.	DESCRIPTION

DRAWN: SMN	SCALE: AS NOTED
CHECKED: AT	PROJECT NO. 26-001
DESIGNED: SMN/AT	DATE: 3/9/2026
ISSUANCE:	

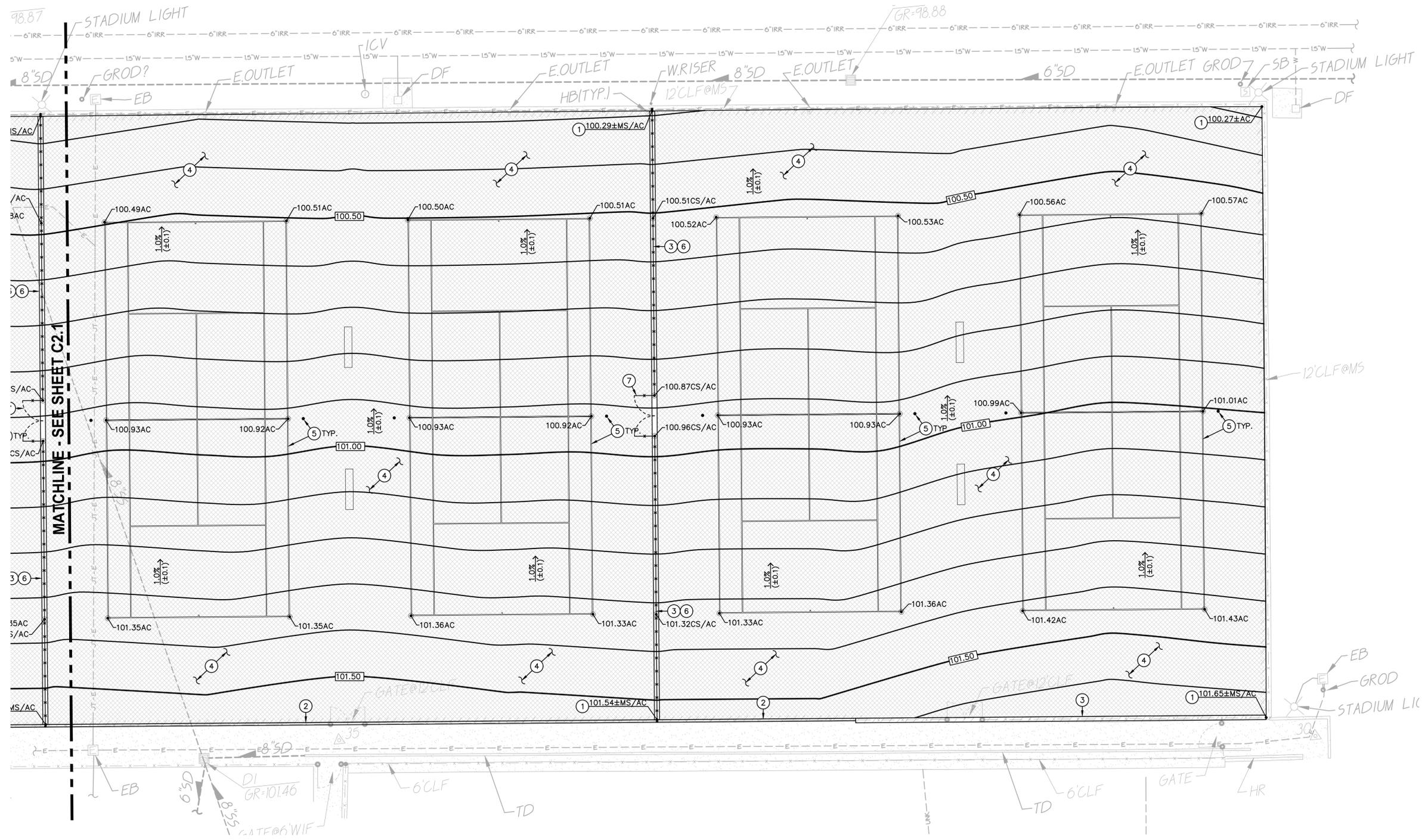
CONSTRUCTION DOCUMENTS

SHEET TITLE:
GRADING AND CONSTRUCTION PLAN

SHEET NO.
C2.1

FILENAME: I:\26-001\CIVIL\DWG\26-001-C2.1.DWG PLOTTED: Monday, March 09, 2026

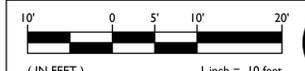
BID DOCUMENTS



1 GRADING AND CONSTRUCTION PLAN

SCALE 1" = 10'-0"

GRAPHIC SCALE



THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.



GRADING NOTES

1. MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SLABS TO EXISTING, DOWEL SLABS PER THE DETAIL PROVIDED AT 24" O.C.
2. CONSTRUCT CONCRETE BARRIER CURB PER THE DETAIL PROVIDED. 1
C4.1
3. CONSTRUCT 12" WIDE CONCRETE APRON AT NEW OR EXISTING FENCING PER THE DETAIL PROVIDED. 2
C4.1
4. PLACE 3.5" 2-LAYER FIBER STABILIZED ASPHALT PAVING OVER 7" OF CLASS II AB OVER 12" DEEP CHEMICALLY TREATED SUBGRADE PER SECTION 31 00 00, 31 32 00 AND ASPHALT PAVING PER 32 12 00. 1
C2.1
5. SEE SURFACING, STRIPING AND EQUIPMENT PLAN FOR GAME EQUIPMENT.
6. CONSTRUCT 12' TALL CHAIN LINK FENCING PER THE DETAIL PROVIDED. 4
C4.1
7. CONSTRUCT 8' TALL, DOUBLE 5' CHAIN LINK MAINTENANCE ACCESS GATE PER THE DETAIL PROVIDED. 5
C4.1

DSA

ENGINEER

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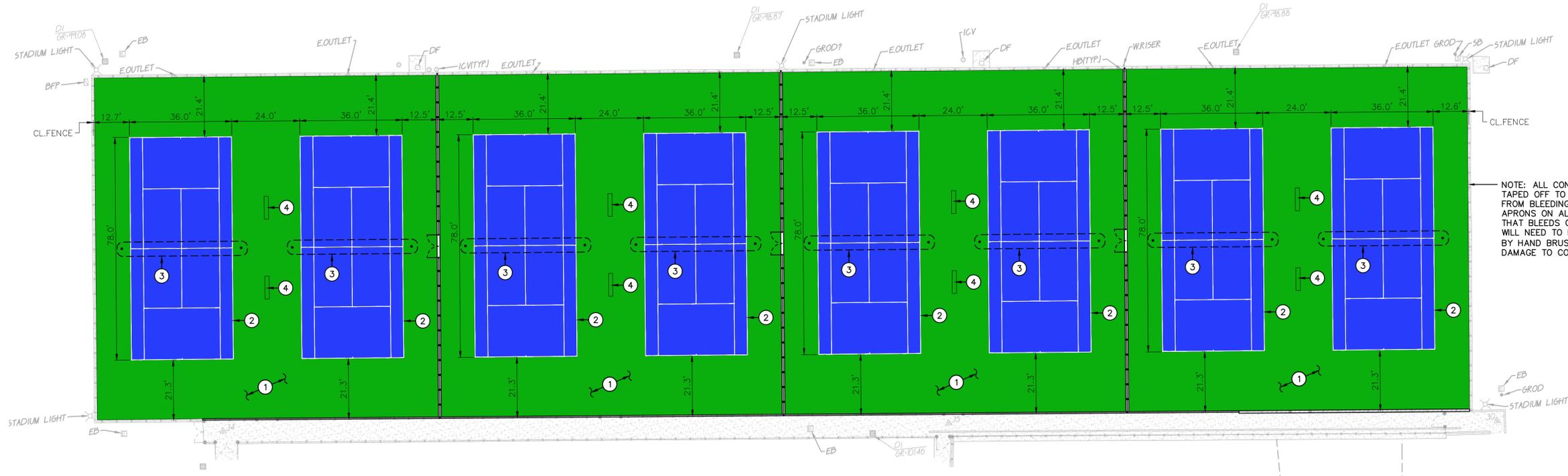
SHEET TITLE:

GRADING AND CONSTRUCTION PLAN

SHEET NO. **C2.2**

FILENAME: I:\26-001\CIVIL\DWG\26-001-C2.LDW PLOTTED: Monday, March 09, 2026

BID DOCUMENTS



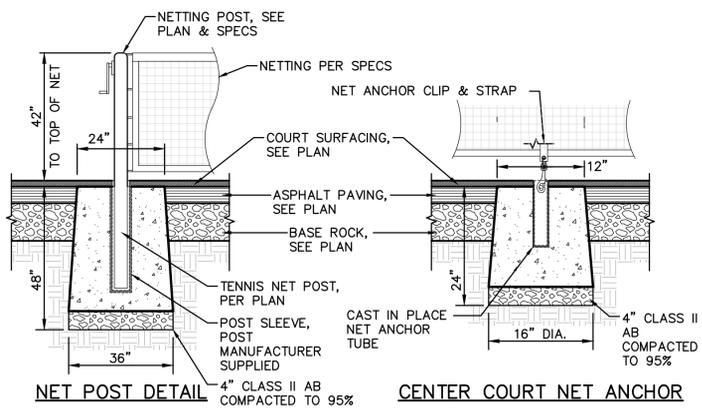
NOTE: ALL CONCRETE EDGES SHALL BE TAPED OFF TO KEEP COURT SURFACING FROM BLEEDING ONTO CONCRETE APRONS ON ALL SIDES. ANY SURFACING THAT BLEEDS ONTO CONCRETE APRONS WILL NEED TO BE REMOVED, AND LIKELY BY HAND BRUSHING/GRINDING TO AVOID DAMAGE TO COURT SURFACING.

SURFACING, STRIPING & EQUIPMENT PLAN

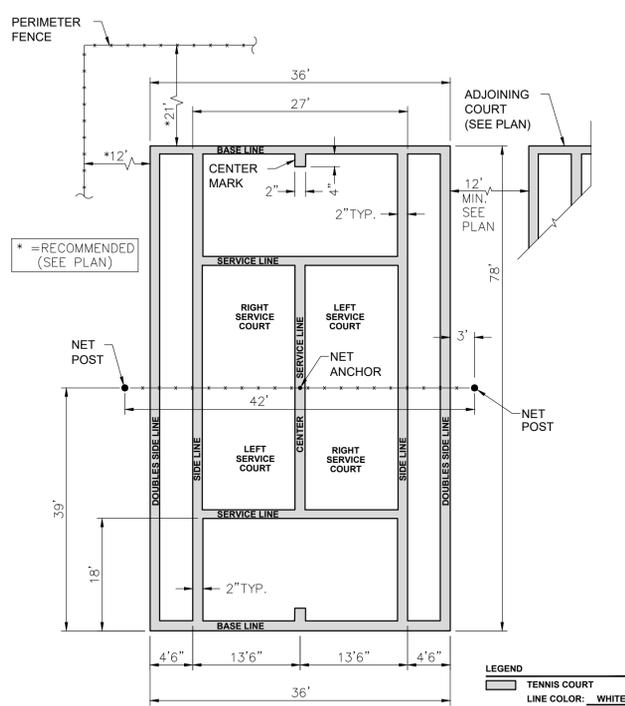
STRIPING NOTES

- PROVIDE AND INSTALL COMPLETE PLEXI TENNIS COURT SURFACING SYSTEM OR APPROVED EQUAL. INSTALLATION SHALL INCLUDE MIN. 2 COATS SANDED PLEXI ACRYLIC RE-SURFACER AND 2 COATS PLEXIPAVE SAND FORTIFIED COLOR. PROVIDE ALTERNATE INNER COURT COLORING AS INDICATED BELOW. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH CALIFORNIA SPORT SURFACES INSTALLATION RECOMMENDATIONS.
 - INNER COURT, BLUE*
 - OUTER COURT, GREEN*

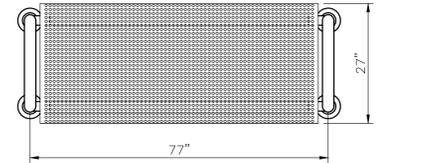
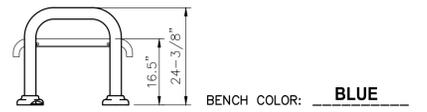
* = COLORING SUBJECT TO CHANGE. OWNER TO APPROVE FINAL COLORS THROUGH SHOP DRAWING REVIEW PRIOR TO CONTRACTOR ORDERING.
- PROVIDE COURT LINE STRIPING WITH "PLEXIPAVE", WHITE, OR APPROVED EQUAL, STRIPE 2" WIDE. (2) C3.1
- PROVIDE AND INSTALL TENNIS COURT NETTING SYSTEM, EDWARDS, WIMBLEDON 3" SQUARE POST SYSTEM, OR APPROVED EQUAL, WITH CENTER COURT NET ANCHOR, COLOR GREEN WITH GROUND SLEEVE INSTALLATION. SEE MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION. (1) C3.1
- PROVIDE AND LOCATE 6' LONG BACKLESS BENCH, WABASH VALLEY CONTEMPORARY SERIES, ROUND PERFORATED, OWNER TO SELECT COLOR. ADHERE 1/8" RUBBER DISC TO BOTTOM OF BENCH FEET TO PREVENT TENNIS COURT SURFACING DAMAGE, SEE DETAIL PROVIDED. (3) C3.1



1 C3.1 TENNIS NET POST DETAIL NO SCALE



2 C3.1 TYPICAL TENNIS COURT LAYOUT WITH PICKLEBALL NO SCALE



ADHERE 1/8" RUBBER DISC TO BOTTOM OF BENCH FEET TO PREVENT TENNIS COURT SURFACING DAMAGE, TYP.

3 C3.1 TENNIS COURT BENCH NO SCALE

DSA

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CONSULTANT:

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River City High School
Tennis Court Repairs

1 Raider Lane
West Sacramento, CA 95691

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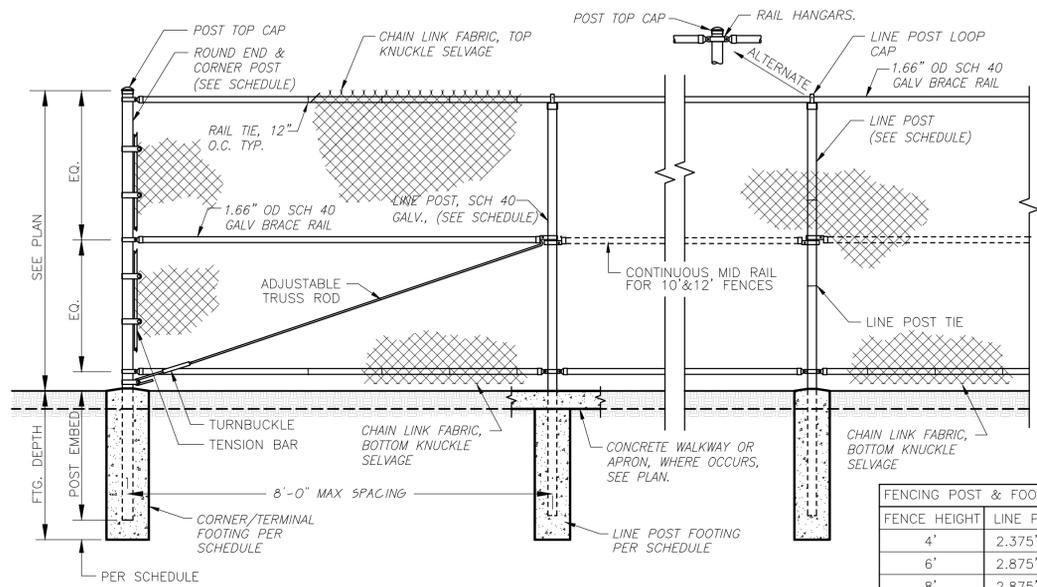
ISSUANCE: CONSTRUCTION DOCUMENTS

SHEET TITLE: SURFACING, STRIPING AND EQUIPMENT PLAN

SHEET NO. C3.1

FILENAME: I:\26-001\CIVIL\DWG\26-001-C3.1.DWG PLOTTED: Monday, March 09, 2026

BID DOCUMENTS

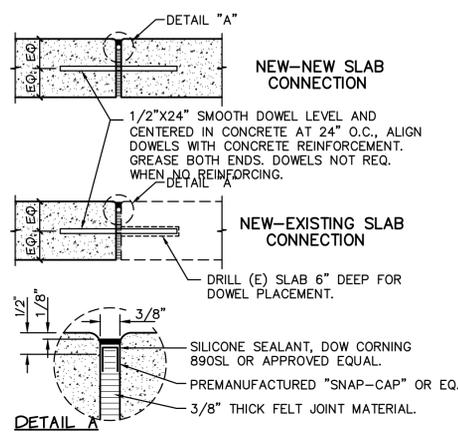


NOTE: NO PRIVACY COVERS OR BANNERS TO BE PLACED ON FENCING

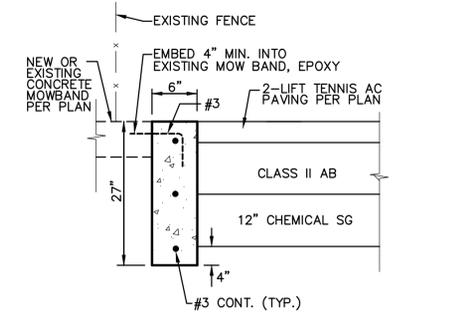
MESH SIZE	2"
COATING:	YES
COLOR:	GALV.
TYPE:	*GALV.

* SALVAGE AND RE-INSTALL MESH

FENCING POST & FOOTING SCHEDULE:						
FENCE HEIGHT	LINE POST	COR./TERM.	TYPE	POST EMBED	DEPTH	DIA. (MIN)
4'	2.375"OD	2.875"OD	SCH 40	18"	24"	8"
6'	2.875"OD	3.50"OD	SCH 40	24"	30"	10"
8'	2.875"OD	3.50"OD	SCH 40	30"	42"	12"
10'	3.50"OD	4"OD	SCH 40	30"	48"	12"
12'	3.50"OD	4"OD	SCH 40	36"	48"	16"



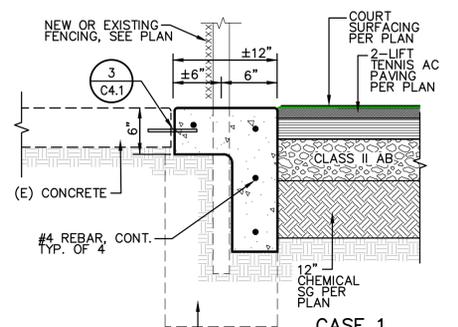
24' MAX ON CENTER FOR WALK SLABS UP TO 5" THICK
 30' MAX ON CENTER FOR WALK SLABS UP TO 5.1"-7" THICK
 30' MAX ON CENTER FOR CURBS, GUTTERS AND APRONS,
 BUT MATCH ADJOINING WALK JOINTS WHERE OCCUR.



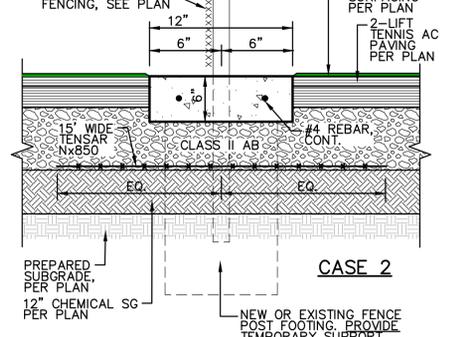
- NOTES:
- PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. PROVIDE CONTROL JOINTS AT 10 FEET O.C., EXCEPT WHEN PLACING ADJACENT TO CONCRETE WALKS THE EXPANSION JOINTS SHALL ALIGN WITH THE EXPANSION JOINTS SHOWN FOR THE CONCRETE WALKS.
 - AT E.J. USE 1/2"x24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

1 CONCRETE CURB NO SCALE

3 EXPANSION JOINT NO SCALE



CASE 1



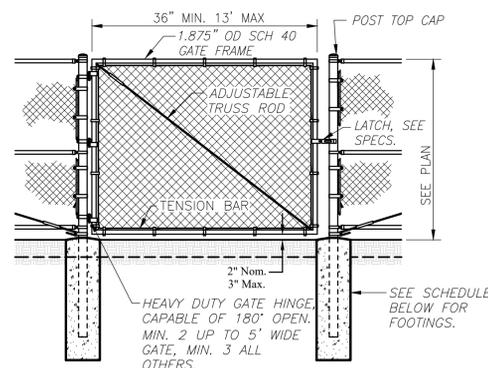
CASE 2

- NOTES:
- PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. PROVIDE CONTROL JOINTS AT 10 FEET O.C., EXCEPT WHEN PLACING ADJACENT TO CONCRETE WALKS THE EXPANSION JOINTS SHALL ALIGN WITH THE EXPANSION JOINTS SHOWN FOR THE CONCRETE WALKS.
 - AT E.J. USE 1/2"x24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

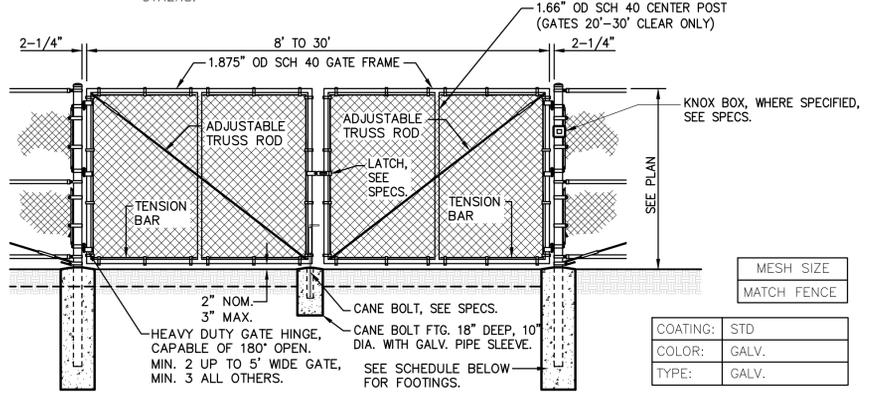
2 CONCRETE APRON NO SCALE

4 C4.1 NOTE: EXEMPT FROM DSA STRUCTURAL REVIEW PER IR A-22 AND IS NOT PART OF DSA APPROVAL.

TYPICAL CHAIN LINK FENCING 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.



FENCES TO 9' HEIGHT				
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				
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 C4.1 TYPICAL CHAIN LINK VEHICULAR GATE NON-ACCESSIBLE MAINTENANCE ACCESS GATES ONLY NO SCALE

DSA

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ANTHONY J. TASSANO
 REGISTERED PROFESSIONAL ENGINEER
 NO. C74696
 STATE OF CALIFORNIA
 3/9/2026

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SHEET TITLE: DETAILS AND SECTIONS

SHEET NO. C4.1