

Autodesk Docs://13691 Lodi USD- Transportation EV Chargers/13691 Lodi USD - Transportation EV Chargers.rvt

PLOT DATE: 9/4/2026 10:02:02 AM



LODI UNIFIED SCHOOL DISTRICT

TRANSPORTATION YARD, DRIVEWAY REPLACEMENT

820 CLUFF AVENUE, LODI, CA

DISTRICT BID NO. : 0897-8097-960-52

PROJECT ADDRESS

820 SOUTH CLUFF AVENUE,
LODI, CA 95240

PROJECT DESCRIPTION

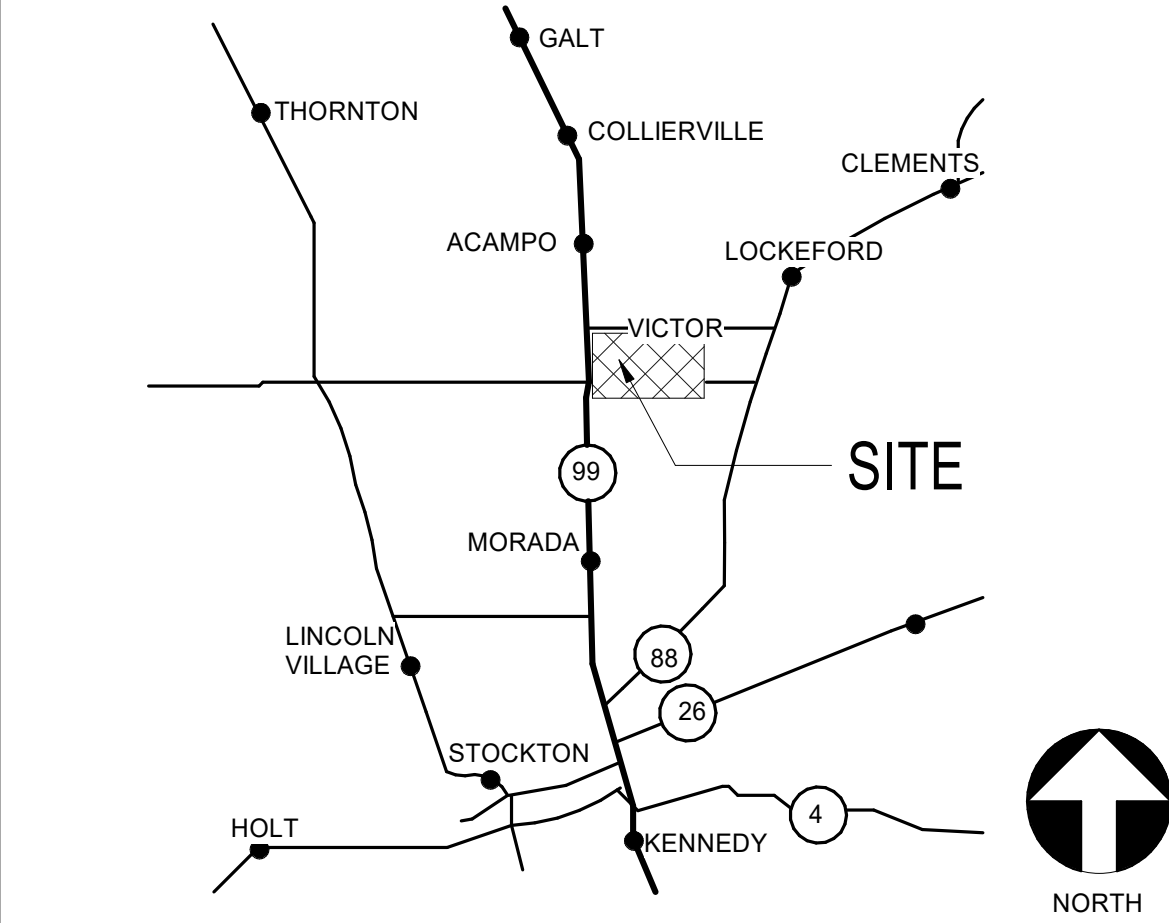
- THIS PROJECT CONSISTS OF THE FOLLOWING:
- REMOVING AND REPLACING THE TWO EXISTING NON-ADA COMPLIANT DRIVEWAYS ALONG CLUFF AVENUE IN COMPLIANCE WITH CITY OF LODI STANDARD PLAN 114.

GENERAL NOTES

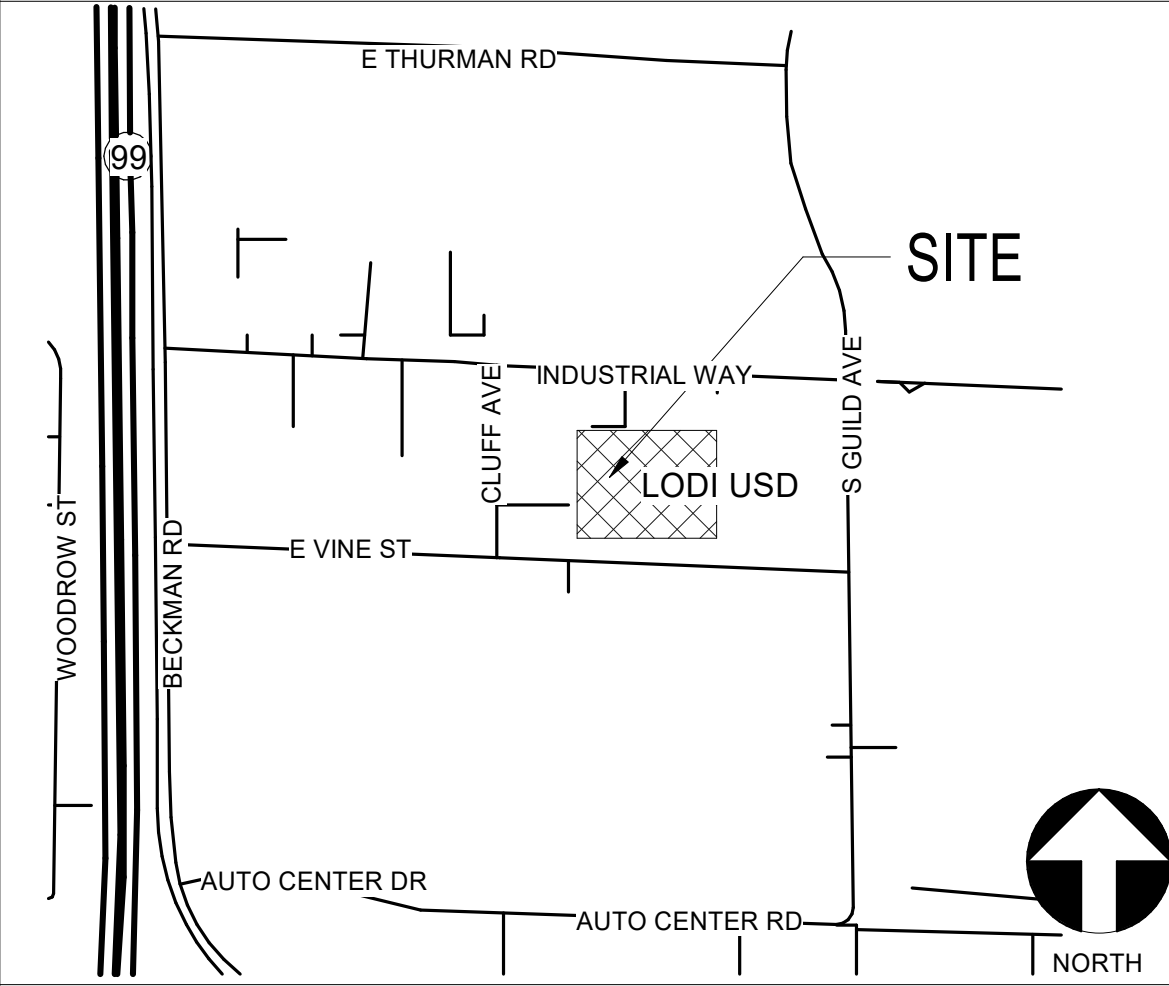
- A COPY TITLE 24 C.C.R. PARTS 1 AND 5 SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
- CHANGES TO THE STRUCTURAL, ACCESSIBILITY OR FIRE AND LIFE-SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS AFTER THE WORK HAS BEEN LET SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT (CCD) AS REQUIRED IN SECTION 4-338, PART I, CAC, AND SHALL BE SUBMITTED TO, AND APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK. CONSTRUCTION CHANGE DOCUMENTS SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION OF REGULATION IR A-6.
- ALL TESTS TO CONFORM TO THE REQUIREMENTS OF TITLE 24 SECTION 4-335, PART 1, AND APPROVED T & I SHEET.
- TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH TITLE 24 SECTION 4-335, PART I, AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RETEST MAY BE BACK CHARGED TO THE CONTRACTOR.
- DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE CONCRETE PER TITLE 24 SECTION 4-331, PART I.
- A CLASS 2 INSPECTOR REQUIRED FOR THIS PROJECT SHALL BE EMPLOYED BY OWNER AND APPROVED BY ARCHITECT, STRUCTURAL ENGINEER, AND DSA. INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-333(c). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH TITLE 24 SECTION 4-342, PART I.
- SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH TITLE 24 SECTION 4-334, PART 1.
- CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM SSS-6) IN ACCORDANCE WITH TITLE 24 SECTION 4-336, PART I.
- THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH TITLE 24 SECTION 4-333(a) AND 4-341, PART I.
- THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH TITLE 24 SECTION 4-343, PART I.
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE SCHOOL BUILDING IN ACCORDANCE WITH TITLE 24 C.C.R. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, C.C.R., A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.
- SUBSTITUTIONS AND REQUESTS FOR INFORMATION AFFECTING STRUCTURAL SAFETY, FIRE AND LIFE SAFETY OR ACCESS COMPLIANCE SHALL BE APPROVED BY DSA PRIOR TO FABRICATION OR USE.
- ADDENDA MUST BE SIGNED BY ARCHITECT AND APPROVED BY DSA.
- NO CHANGES OR REVISIONS SHALL BE MADE FOLLOWING WRITTEN APPROVAL WHICH AFFECTS ACCESS COMPLIANCE ITEMS UNLESS SUCH CHANGES OR REVISIONS ARE SUBMITTED TO THE DSA FOR APPROVAL.
- SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE SUBMITTED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDA, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION.
- CONSTRUCTION CHANGE DOCUMENTS MUST BE SIGNED BY THE FOLLOWING:
 - ARCHITECT OR ENGINEER OF RECORD
 - STRUCTURAL ENGINEER (WHEN APPLICABLE)
 - DELEGATED PROFESSIONAL ENGINEER
- MATERIALS AND THEIR INSTALLATION SHALL COMPLY WITH APPLICABLE CODES, STANDARDS AND MANUFACTURERS' RECOMMENDATIONS.
- ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CBC CH 33, CFC CH 33, AND THE WRITTEN SITE SAFETY PLAN
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- DSA IS NOT SUBJECT TO ARBITRATION.

GOVERNING CODES & STANDARDS

- 2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), C.C.R. TITLE 24, PART 1
- 2025 CALIFORNIA BUILDING CODE (CBC), C.C.R. TITLE 24, PART 2
- 2025 CALIFORNIA ELECTRICAL CODE (CEC), C.C.R. TITLE 24, PART 3
- 2025 CALIFORNIA MECHANICAL CODE (CMC), C.C.R. TITLE 24, PART 4
- 2025 CALIFORNIA PLUMBING CODE (CPC), C.C.R. TITLE 24, PART 5
- 2025 CALIFORNIA FIRE CODE (CFC), C.C.R. TITLE 24, PART 9
- 2025 CALIFORNIA REFERENCED STANDARDS CODE, C.C.R. TITLE 24, PART 12
- 2025 CALIFORNIA ENERGY CODE (CAC), C.C.R. TITLE 24, PART 6
- 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), C.C.R. TITLE 24, PART 11
- C.C.R., TITLE 19 PUBLIC SAFETY



AREA MAP



VICINITY MAP

GOVERNING CODES & STANDARDS

OWNER LODI UNIFIED SCHOOL DISTRICT

1305 EAST VINE STREET
LODI, CA 95240
(209) 331-7035

CONTACT: DESIREE WISE
E-MAIL: DWISE@LODIUSD.NET

PROJECT ARCHITECT TETER, INC.

7535 N. PALM AVE., SUITE 201
FRESNO, CA 93711
(559) 437-0887

CONTACT: JAMIE HICKMAN
E-MAIL: Jamie.Hickman@TETERAE.COM

CIVIL ENGINEER NORTHSTAR ENGINEERING GROUP INC.

620 12TH STREET
MODESTO, CA 95354
(209) 524-3525

CONTACT: CHRIS VANDER VEEN
E-MAIL: CVANDERVEEN@NSENG.NET

GENERAL

G000 COVER

1

CIVIL

C1.1	COVER SHEET
C1.2	GENERAL NOTES AND SPECIFICATIONS
C1.3	DETAILS AND CROSS SECTIONS
C1.4	DETAILS AND CROSS SECTIONS
C2.1	TOPOGRAPHIC AND DEMOLITION PLAN
C3.1	DIMENSION AND PAVING PLAN
C4.1	GRADING AND DRAINAGE PLAN
C5.1	EROSION CONTROL PLANS, NOTES AND DETAILS
C5.2	EROSION CONTROL PLANS, NOTES AND DETAILS

2

ARCHITECTURAL

A100	OVERALL SITE PLAN
A101	ENLARGED SITE PLAN

TOTAL SHEETS: 12

Teter, Inc. expressly reserves its common law copyright and other proprietary rights in the project. The design, the ideas and designs, incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

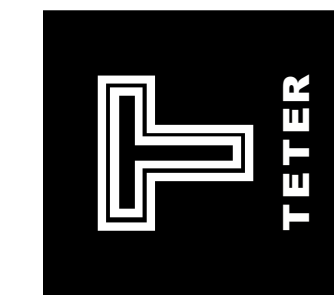
MARK	DATE	DESCRIPTION
	09/04/26	100% CDS



TETER, INC.

FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO

ARCHITECTS ENGINEERS CONNECTED



LODI UNIFIED SCHOOL DISTRICT
TRANSPORTATION YARD DRIVEWAYS
820 CLUFF AVENUE, LODI, CA

DRAWING TITLE

COVER

PROJECT NO.

26-13691

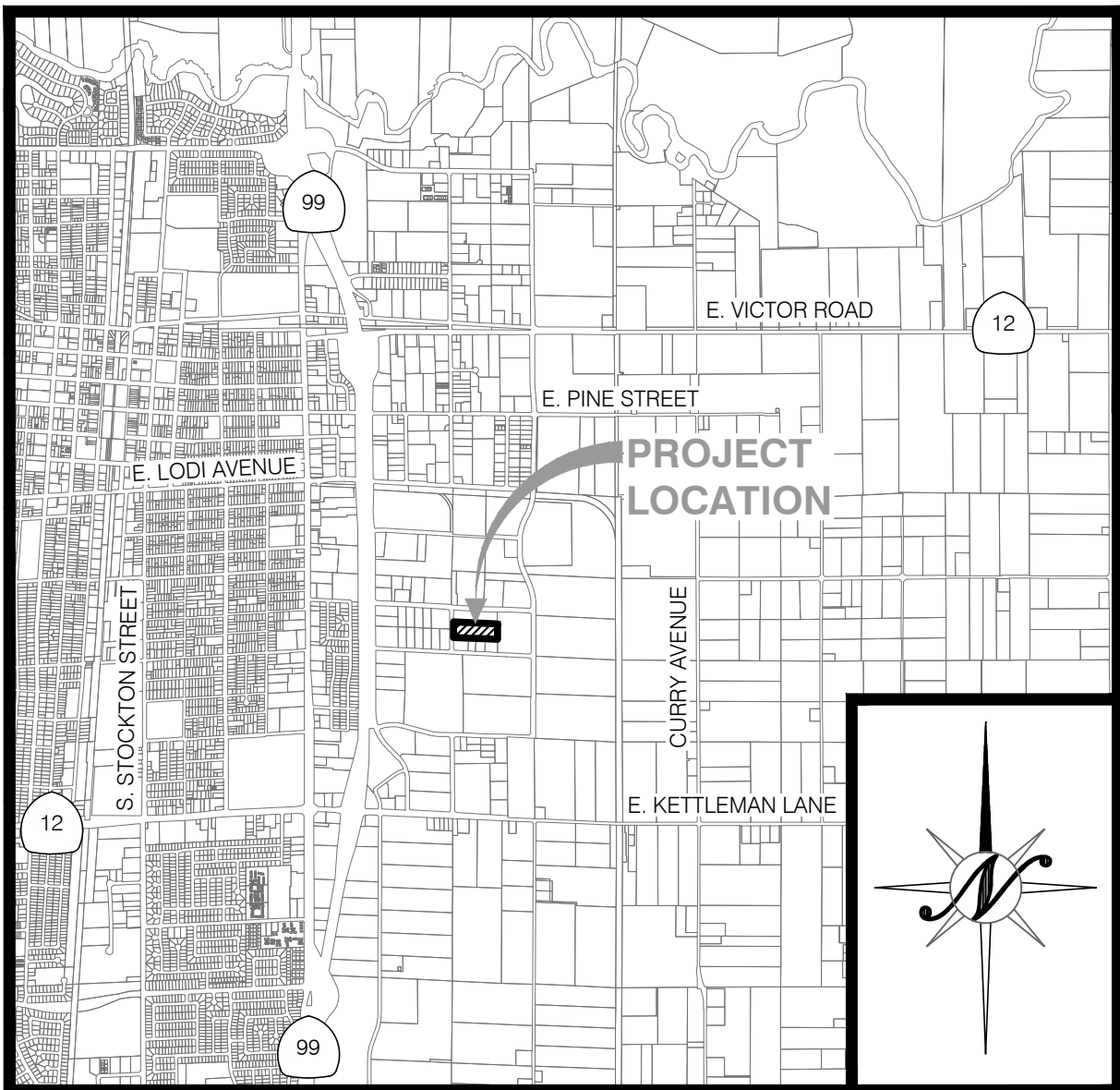
DRAWING

G000

DRIVEWAY IMPROVEMENT PLANS FOR

LODI UNIFIED SCHOOL DISTRICT

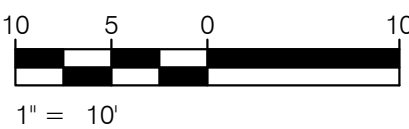
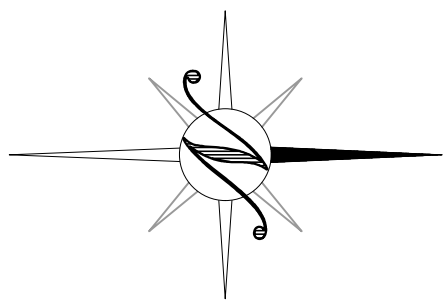
LODI, CALIFORNIA



VICINITY MAP
NTS

BENCHMARK

ELEVATION: 55.808
BM #1226, S. SIDE VINE ST., 2' E/ CL OF CLUFF AVE., 0.4' BEHIND BOC



CONTACTS

A. REGULATORY AGENCY:	DIVISION OF THE STATE ARCHITECT-SACRAMENTO 1100 O STREET, SUIT 5200 SACRAMENTO, CA 95811 T: (916) 445-8730
B. OWNER/DEVELOPER:	LODI UNIFIED SCHOOL DISTRICT 1305 EAST VINE STREET LODI, CA. 95240 T: (209) 331-7000
C. PROJECT LOCATION:	LODI UNIFIED SCHOOL DISTRICT TRANSPORTATION CENTER 820 SOUTH CLUFF AVENUE LODI, CA. 95340
D. ENGINEER:	NORTHSTAR ENGINEERING GROUP, INC. 620 12TH STREET MODESTO, CA. 95354 T: (209) 524-3525 F: (209) 524-3526 CONTACT: CHRIS VANDERVEEN

SHEET INDEX

GENERAL INFORMATION
1. C1.1 COVER SHEET
2. C1.2 LEGENDS AND ABBREVIATIONS
3. C1.3 GENERAL NOTES AND SPECIFICATIONS
4. C1.4 DETAILS AND CROSS SECTIONS
SITE PLANS
5. C2.1 TOPOGRAPHIC AND DEMOLITION PLAN
6. C3.1 DIMENSION AND PAVING PLAN
7. C4.1 GRADING AND DRAINAGE PLAN
8. C5.1 EROSION CONTROL PLAN
9. C5.2 EROSION CONTROL PLANS, NOTES AND DETAILS

COPYRIGHT © 2026 NORTHSTAR ENGINEERING GROUP, INC.



NO.	REVISIONS	DATE	APPROVED
	DESCRIPTIONS		

COVER SHEET

DRIVEWAY IMPROVEMENT PLANS FOR
LODI UNIFIED SCHOOL DISTRICT
LODI, CALIFORNIA



JOB #:	26-4004
DATE:	09/16/2026
SCALE:	AS SHOWN
DRAWN:	EP
DESIGN:	CV
CHKD:	JE

SHEET
NUMBER

C1.1

LEGEND

	EXISTING	PROPOSED		EXISTING	PROPOSED
BOUNDARY LINE			WATER WELL		
CENTERLINE			WATER (DOMESTIC)		
RIGHT-OF-WAY			WATER (NON-POTABLE WATER)		
LOT LINE			WATER (FIRE SERVICE)	N/A	
SECTION LINE			WATER STRUCTURE ID		
EASEMENT			IRRIGATION MANHOLE		
RIGHT-OF-WAY EASEMENT			IRRIGATION METER		
SETBACK LINE	N/A		BACKFLOW PREVENTER		
RESTRICTED ACCESS			IRRIGATION CONTROL BOX		
CENTERLINE STATION POINT			IRRIGATION CONTROL VALVE		
MONUMENT			IRRIGATION LINE		
PROPERTY CORNER			GAS VALVE		
BENCHMARK			GAS METER		
TREE			GAS LINE		
BOULDER		N/A	ELECTROLIER		
STUMP		N/A	SITE LIGHTING		
CONCRETE			TRAFFIC SIGNAL		
CURB + GUTTER			TRAFFIC SIGNAL WITH STREET LIGHT		
ACCESSIBLE RAMP			UTILITY POLE		
DETECTABLE WARNING SURFACE			UTILITY POLE WITH LIGHT		
EDGE OF PAVEMENT			WIRE ANCHOR		
BUILDING OVERHEAD			UTILITY BOX		
RAILROAD			TELEPHONE MAINTENANCE HOLE		
BUILDING			ELECTRIC MAINTENANCE HOLE		
WHEEL STOP			CABLE MAINTENANCE HOLE		
HANDRAIL			TRANSFORMER		
BOLLARD	N/A		OUTLET		
DOOR			UTILITY VALVE		
VALLEY GUTTER			JOINT TRENCH		
WALL			OVERHEAD ELECTRICAL		
WALL			TELEVISION/CABLE		
RETAINING WALL			UNDERGROUND ELECTRICAL		
FENCE - CHAINLINK/VINYL/CABLE			TELEPHONE		
FENCE - WOOD/METAL/STEEL			ELECTRICAL		
FENCE - BARBED WIRE			MISCELLANEOUS UTILITY		
FENCE - PICKET			SEWER MANHOLE		
FENCE - SPLIT RAIL		N/A	ECCENTRIC SEWER MANHOLE		
FENCE - HOGWIRE			SEWER CLEAN OUT		
BARRICADE			SEPTIC TANK		
GUARDRAIL		N/A	SEWER STRUCTURE ID	N/A	
ROLLING GATE			SEWER (MAIN)		
SWING GATE			SEWER (LATERAL)	N/A	
TRENCH			SEWER (FORCE MAIN)		
SAWCUT			STORM DRAIN MANHOLE		
UTILITY REMOVAL			DEWATERING MANHOLE		
CONTOUR - MAJOR			ECCENTRIC MANHOLE		
CONTOUR - MINOR			STORM DRAIN CLEAN OUT		
DAYLIGHT CUT	N/A		CURB INLET		
DAYLIGHT FILL	N/A		DRAIN INLET		
GRADE BREAK			DRAIN INLET ON MANHOLE		
PAD ELEVATION			STORM DRAIN STRUCTURE ID	N/A	
SLOPE			RAINWATER LEADER		
ELEVATION TAG			RIPRAP (ROCK DISCHARGE PAD)		
TOE OF SLOPE			STORM DRAIN		
HIGH POINT			STORM DRAIN TRENCH DRAIN		
SIGN			SWALE		
SINGLE LINE			STORM DRAIN (LANDSCAPE SERVICES)	N/A	
DOUBLE LINE			ROCK TRENCH		
STOP BAR/CROSSWALK			FRENCH DRAIN	N/A	
DASHED LINE			CULVERT		
DOUBLE DASHED LINE					
MANHOLE					
MAILBOX					
UTILITY STRUCTURE					
WATER VALVE					
WATER METER					
BLOW OFF VALVE					
BACKFLOW PREVENTER					
DOUBLE CHECK DETECTOR ASSEMBLY					
FIRE HYDRANT					
MONITORING WELL					
AIR RELEASE VALVE					

ABBREVIATIONS

±	PLUS OR MINUS (NOT EXACT)	JB	JUNCTION BOX
@	AT	JP	JUNCTION POLE
AB	AGGREGATE BASE	JT	JOINT TRENCH
ABDN	ABANDONED	JP	JOINT POLE
AC	ACRE, ASPHALT CONCRETE	L	LENGTH (CURVE)
A/C	AIR CONDITIONING	L=	LENGTH (CURVE)
ACP	ASBESTOS CEMENT PIPE	LF	LINEAL/LINEAR FEET
ACM	ASBESTOS CONTAINING MATERIAL	LAT	LATERAL
AD	AREA DRAIN	LIP	LIP OF GUTTER
ADA	AMERICANS W/ DISABILITIES ACT	LN	LINE
AG	ATRIUM GRATE	LN	LIGHT POLE, LOW POINT
AGG	AGGREGATE	FM	FIRE HYDRANT
ALGN	ALIGNMENT	LS	LANDSCAPE
ALT	ALTERNATE	LSA	LANDSCAPE ARCHITECT
APN	ASSESSORS PARCEL NUMBER	MA	MEDICAL AIR
ARV	AIR RELEASE VALVE	MAX	MAXIMUM
ASB	AGGREGATE SUBBASE	MEP	MECHANICAL/ELECTRICAL/PLUMBING
ASPH	ASPHALT	MH	MAN/MAINTENANCE HOLE
BC	AUTOMATIC SPRINKLER RISER	MIN	MINIMUM
BDRY	BEGIN CURVE	MFT	MALE IRON PIPE THREAD
BFP	BACK FLOW PREVENTOR	MJ	MECHANICAL JOINT
BK	BOOK	MPVC	MIDPOINT OF VERTICAL CURVE
BLDG	BUILDING CORNER	MON	MONUMENT
BMP	BEST MANAGEMENT PRACTICES	MS	MOW STRIP
BNI	BENCHMARK	MW	MONITORING WELL
BOD	BOLL OFF	N	NORTH, NORTHING COORDINATE
BOL	BOTTOM OF DOCK	(N)	NEW
BOW	BACK OF WALK	NDS	NDS INC. (MANUFACTURER)
BSW	BACK OF SIDEWALK	NIC	NOT INCLUDED/IN CONTRACT
BS	BEGIN STRIPING	NO	NUMBER
BSL	BUILDING SETBACK LINE	NSE	NORTHSTAR ENGINEERING
BVC	BEGIN VERTICAL CURVE	NTS	NOT TO SCALE
BW	FINISHED GRADE AT BOTTOM OF WALL	OC	ON CENTER
C	CIVIL	OG	ORIGINAL GROUND / GRADE
CC	CONCRETE	OHE	OVERHEAD ELECTRICAL
CB	CATCH BASIN	O.R.	OFFICIAL RECORDS
CBL	CABLE	(P)	PROPOSED
CDS	CONTINUOUS DEFLECTION	P, PAV	PAVEMENT
CG/C&G	CURB AND GUTTER	PB	PULL BOX
CG&S	CURB, GUTTER & SIDEWALK	PCC	POINT OF COMPOUND/CONVERSE CURVATURE
CI	CAST IRON/CURB INLET	PCC	PORTLAND CEMENT CONCRETE
CIP	CAST IRON PIPE	PE	PLAIN END
CL	CENTER LINE	PED	PEDESTRIAN
CLR	CLEAR	PERF	PERFORATED
CMH	CABLE MAINTENANCE HOLE	PGS	PACIFIC GAS AND ELECTRIC
CMN	COMMUNICATION	PH	POT HOLE
CMP	CORRUGATED METAL PIPE	PID	POINT ID
CO	CLEAN OUT	PIV	POST/PRESSURE INDICATOR VALVE
COL OR C.O.L	CITY OF LODI	PL	PROPERTY LINE
COMP	COMPACTION	PM	PARKING METER, PARCEL MAP
CONC OR CC	CONCRETE	PMH	POWER MANHOLE
CONST	CONSTRUCTION OR CONSTRUCT	PO	PUSH-ON
CONF	CONFORM TO EXISTING	PCC	POINT ON CURVE/POINT OF CONNECTION
CR	CURB/CROWN	POI	POINT OF INTERSECTION
CT	COURT/CUBIC	PP	POWER POLE
CU	CULVERT	PRC	POINT OF REVERSE CURVATURE
CV	CHECK VALVE	PROF	PROFILE
CY	CUBIC YARD	PRV	PRESSURE REDUCING VALVE
D	DELTA (CURVE)	PRUE	PRIVATE UTILITY EASEMENT
DDCA	DOUBLE CHECK DETECTOR ASSEMBLY	PT	POINT
DEMO	DEMOLISH	PT&T	PACIFIC TELEPHONE & TELEGRAPH
DEPT	DEPARTMENT	PUE	PUBLIC UTILITY EASEMENT
DI	DROP/DRAIN INLET/DUCTILE IRON	PVC	POLYVINYL CHLORIDE PIPE
DIA	DIAMETER	R	RIGHT
DIP	DUCTILE IRON PIPE	R=	RADIUS
DOM, (DOM)	DOMESTIC	RC	RELATIVE COMPACTION
DR	DRIVE	RCP	REINFORCED CONCRETE PIPE
DS	DOWNSPOUT	RD	ROAD, RELATIVE DENSITY
DTL	DETAIL	RJ	RESTRAINED JOINT
DW	DOMESTIC WATER/DRYWELL/DEWATERING	RP	RADIUS
DWG	DRAWINGS	RPPA	REDUCED PRESSURE PRINCIPLE ASSEMBLY
DWY	DRIVEWAY	RSC	RECEIVING AND SUPPORT CENTER
DYL	DOUBLE YELLOW LINE	RV	RESISTANCE VALUE
E	EAST/EASTING COORDINATE/ELECTRIC	RW	RECYCLED WATER
EG	EXISTING	FW, RW, ROW	RIGHT-OF-WAY
(E)	END CURVE	RWL	RAINWATER LEADER
EL	EXISTING GRADE	S	SOUTH, SLOPE
EL, ELEV	ELEVATION	S.A.D.	SEE ARCHITECTURAL DRAWINGS
ELB	ELECTRIC BOX	SBL	SETBACK LINE, SOLID BLACK LINE
ELO/ELEC	ELECTRICAL	SC	SAN JOAQUIN COUNTY
ELV	ELECTRIC VAULT	SCO	SEWER CLEANOUT
EM	ELECTRIC METER	SDB	STORM DRAIN
EMH	ELECTRIC MAINTENANCE HOLE	SDB	STORM DRAIN BASIN
EP	EDGE OF PAVEMENT	SDBC	STORM DRAIN CATCH BASIN
ESP	END STRIPING	SDCO	STORM DRAIN CLEAN OUT
ESMT OR EASE	EASEMENT	SDDW	STORM DRAIN DEWATERING
EVC	END OF VERTICAL CURVE	SDI	STORM DRAIN INLET
EX OR EXIST	EXISTING	SDFM	STORM DRAIN FORCE MAIN
EVA	EMERGENCY VEHICLE ACCESS	SDMH	STORM DRAIN MAINTENANCE HOLE
F	FUTURE	S.E.D.	SEE ELECTRICAL DRAWINGS
FA	FIRE ALARM	SG	SUB-GRADE
FAB	FIRE ALARM BOX	SG	SILT FENCE SG SUBGRADE
FC, F/C	FACE OF CURB	SHT	SHEET
FD	FOUND/FRENCH DRAIN	SIM	SIMILAR
FDC	FIRE DEPARTMENT CONNECTION	SL	STREET LIGHT
FE	FENCE	S.L.D.	SEE LANDSCAPE DRAWINGS
FES	FLARED END SECTION	SLB	STREET LIGHT BOX
FF	FINISH FLOOR	SMH	SIGNAL MANHOLE
FFE	FINISH FLOOR ELEVATION	S.M.D.	SEE MECHANICAL DRAWINGS
FG	FINISH GRADE	SNS	STREET NAME SIGN
FH	FIRE HYDRANT	SP	SERVICE POLE
FIPT	FEMALE IRON PIPE THREAD	S.P.D	SEE PLUMBING DRAWINGS
FL	FLOW LINE/FLANGE	SRL	SOLID RED LINE
FLG	FLANGE	SS	SANITARY SEWER
FM	FLOWMETER/FORCE MAIN	SSCO	SANITARY SEWER CLEAN OUT
FOUND	FOUNDATION	SSFM	SANITARY SEWER FORCE MAIN
FS	FINISHED SURFACE, FIRE SERVICE	SSMH	SANITARY SEWER MAN/MAINTENANCE HOLE
FSR	FIRE SPRINKLER RISER	SSPS	SANITARY SEWER PUMP STATION
FT	FOOT, FEET	ST	STREET, SEPTIC TANK
FW	FIRE WATER	STA	STATION
G	GAS, GROUND	STD	STANDARD
GB	GRADE BREAK	STL	STEEL
GE	GROUND ELEVATION	S.W, SW	SIDEWALK
GI	GALVANIZED IRON	SWL	SOLID WHITE LINE, SWALE
GM	GAS METER	T	TELEPHONE
GR	GROUND	TC	TOP OF CURB
GRD	GROUND SHOT ELEVATION	TBC	TOP BACK OF CURB
GS	GUY/GUIDE LINE	TOP	TEMPORARY CONTROL POINT
GUY	GAS VALVE	TD	TRENCH DRAIN
HB	HOSE BIB	TEL	TELEPHONE
HMA	HOT MIX ASPHALT	TELB	TELEPHONE BOX
HORIZ	HORIZONTAL	TELV	TELEPHONE VAULT
HRT	HEIGHT	TEMP	TEMPORARY
HP	HIGH POINT	TFC	TOP FACE OF GRATE
HPS	HIGH PRESSURE SODIUM/SYSTEM	TFG	TOP OF GRATE
HT	HEIGHT	TH	THRESHOLD
HWY	HIGHWAY	THK	THICK
HWL	HIGH WATER LINE	TI	TRAFFIC INDEX
IBX	IRRIGATION BOX	TMH	TELEPHONE MAINTENANCE HOLE
ICB	IRRIGATION CONTROL BOX	TMD	TOP OF DOCK
ICV	IRRIGATION CONTROL VALVE	TOW	TOP OF WALL
IHW	IRRIGATION HEADWALL	TP	TELEPHONE POLE, TEST PIT
IM	IRRIGATION METER	TPE	TREE PLANTING EASEMENT
IMH	IRRIGATION MAINTENANCE HOLE	TS	TRAFFIC SIGNAL
ID	INSIDE DIAMETER	TSB	TRAFFIC SIGNAL BOX
INV	INVERT	TSCE	TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
INST	INSTALL	TSP	TRAFFIC SIGNAL POLE
IRR	IRRIGATION	TV	TELEVISION
ISP	IRRIGATION STAND PIPE	TVR	CABLE TV RISER
IV	IRRIGATION VALVE	TYP	TYPICAL
		U/UTIL/UTL	UTILITY
		UG, U/G	UNDERGROUND
		UON	UNLESS OTHERWISE NOTED
		UOS	UNLESS OTHERWISE SPECIFIED
		USA-B	WATER (BLUE)

USA-G	SEWER/STORM DRAIN (GREEN)
USA-M	TEMPORARY SURVEY MARKINGS (MAGENTA)
USA-O	COMMUNICATION CATV (ORANGE)
USA-P	RECLAIMED WATER IRR. SLURRY (PURPLE)
USA-R	ELECTRICAL (RED)
USA-W	PROPOSED EXCAVATION (WHITE)
USA-Y	GAS, OIL, STEAM (YELLOW)
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
W	WEST, WATER
W/	WITH
WA	WALL
WB	WATER BOX
WM	WATER METER
WMB	WATER METER BOX
WOA	WASHOUT AREA
WS	WATER SERVICE
WV	WATER VALVE
WW	WATER WELL
WWF	WELDED WIRE FABRIC
WY	WAY
YD	YARD

\\NORTHSTAR\eng\proj\10111\10111.dwg
DRAWN: J. S. J. (J. S. J.)
DATE: 09/16/2026
BY: J. S. J. (J. S. J.)
CHECKED: J. S. J. (J. S. J.)
APPROVED: J. S. J. (J. S. J.)
PROJECT: 10111 - 10111.dwg
SHEET: 10111 - 10111.dwg

GENERAL NOTES

- CONTRACTOR SHALL BE AWARE THAT THE FOLLOWING NOTES LISTED BELOW ARE NORTHSTAR ENGINEERING GROUP'S TYPICAL GENERAL NOTES AND SOME NOTES MAY NOT BE APPLICABLE TO THIS PLAN SET.
- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING: CITY OF LODI (CITY) STANDARD SPECIFICATIONS AND THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE. WHERE THERE IS A CONFLICT BETWEEN THE PLANS AND THE CITY AND/OR CALIFORNIA BUILDING CODE STANDARDS, THE CITY AND/OR CALIFORNIA BUILDING CODE STANDARDS SHALL PREVAIL. ALL WORK SHALL BE SUBJECT TO THE INSPECTION OF THE CITY OF LODI.
- PRIOR TO ANY WORK BEING PERFORMED, THE CONTRACTOR SHALL CONTACT THE APPROPRIATE REGULATORY AGENCIES FOR A PRE-CONSTRUCTION CONFERENCE. CONTRACTOR SHALL ALSO NOTIFY THE PROJECT CONTACTS LISTED ON THIS SHEET FORTY- EIGHT (48) HOURS IN ADVANCE OF SAID MEETING.
- IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY NORTHSTAR ENGINEERING GROUP, INC. ("ENGINEER") IMMEDIATELY REGARDING ANY DISCREPANCIES AND AMBIGUITIES WHICH MAY EXIST IN THE PLANS AND SPECIFICATIONS. IF THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
- IF NORTHSTAR ENGINEERING GROUP, INC. IS TO PERFORM ANY SURVEY STAKING, THEN CONSTRUCTION STAKING FOR GRADING, CURB, GUTTER, SIDEWALK, SANITARY SEWER, STORM DRAIN, AND WATER SHALL BE DONE UNDER THE DIRECTION OF THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER SEVENTY-TWO (72) HOURS IN ADVANCE OF THIS NEED FOR STAKING. ANY STAKING REQUESTED BY THE CONTRACTOR OR HIS SUBCONTRACTORS THAT IS ABOVE AND BEYOND NORMAL STANDARD STAKING NEEDS AS OUTLINED IN THE CONTRACT, WILL BE SUBJECT TO AN EXTRA BACK CHARGE TO THE CONTRACTOR.
- THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSE FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
- CONTRACTOR AGREES THAT HE 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 NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, ENGINEER AND THE CITY 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 THE ENGINEER.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY IN ACCORDANCE WITH THE CURRENT ISSUE OF "MANUAL OF TRAFFIC CONTROLS, WARNING SIGNS, LIGHTS, AND DEVICES FOR USE IN PERFORMANCE OF WORK UPON HIGHWAY PUBLISHED BY THE STATE OF CALIFORNIA BUSINESS AND TRANSPORTATION AGENCY. THE CONTRACTOR SHALL COORDINATE WITH THE GOVERNING LOCAL AGENCY TO DETERMINE IF ANY CHANGES TO THE CLASSIFICATION OR OPERATION OF A ROADWAY ARE REQUIRED DUE TO THE IMPROVEMENTS SHOWN ON THESE PLANS (SUCH AS SPEED LIMITS, INTERSECTION TYPE, ETC.) AND SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INTERIM TRAFFIC MANAGEMENT MEASURES REQUIRED BY THE GOVERNING AGENCY, INCLUDING TRANSITIONAL SIGNAGE AND STRIPING IN PREPARATION OF AND TO BE INSTALLED PRIOR TO COMPLETION AND ACCEPTANCE OF ULTIMATE SIGNAGE AND STRIPING. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH IMPLEMENTING THESE MEASURES.
- THE OFFICE OF THE CITY OF LODI PUBLIC WORKS SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF ANY WORK.
- CABLE TV, ELECTRICAL, GAS, AND TELEPHONE UNDERGROUND WORK SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF THE CURB, GUTTER, SIDEWALK AND PAVING.
- THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF LODI, DEPARTMENT OF PUBLIC WORKS OR ANY OTHER APPLICABLE AGENCY PRIOR TO COMMENCEMENT OF WORK WITHIN EXISTING CITY RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT.
- THE CITY OF LODI OR ASSOCIATED UTILITY COMPANY AND RESIDENCES TO BE AFFECTED SHALL BE NOTIFIED IMMEDIATELY UPON ANY UTILITY SERVICE DISRUPTION OTHER THAN SPECIFIED ON THESE IMPROVEMENT PLANS AND A TWENTY-FOUR (24) HOUR NOTICE SHALL BE GIVEN FOR ANY PLANNED DISRUPTION.
- STREET SIGNS, TRAFFIC CONTROL SIGNS, AND PAVEMENT MARKINGS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT LOCATIONS ESTABLISHED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING DAMAGED EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND REPLACEMENT.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE REMOVAL OR RELOCATION OF ALL EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANIES.
- ASPHALT CONCRETE SHALL BE PLACED ONLY WHEN THE ATMOSPHERIC TEMPERATURE IS ABOVE 50°F AND RISING.
- DRAWING NUMBERS SHOWN ON THE PLANS REFER TO DRAWINGS CONTAINED IN THE CITY OF LODI STANDARD SPECIFICATIONS (I.E. DWG. 30).
- ALL TRENCHES IN PAVED AREAS SHALL BE PAVED WITH TEMPORARY PAVING, OR COVERED WITH A STEEL PLATE OF APPROPRIATE SIZE AND STRENGTH, THE SAME DAY THE PAVEMENT CUT IS MADE.
- WHENEVER PAVEMENT IS BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS AND PLANS, THE PAVEMENT SHALL BE REPLACED, AFTER PROPER BACK FILLING, WITH PAVEMENT MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL PAVING. THE FINISHED PAVEMENT SHALL BE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.
- PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATED, IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) FORTY-EIGHT (48) HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800) 227-2600. THE CONTRACTOR SHALL RECORD THE U.S.A. ORDER NUMBER. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE DEVELOPMENT.
- PAYMENT FOR PAVEMENT WILL BE MADE ONLY FOR AREAS SHOWN ON THE PLANS. REPLACEMENT OF PAVEMENT WHICH IS BROKEN OR CUT DURING THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS AND PLANS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INDICATED IN THE CONTRACTOR'S UNIT PRICE FOR PAVEMENT, AND NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH WORK.
- EXCAVATIONS OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY. FOR TRENCHES 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH SECTION 5-1.02A OF THE CALTRANS STANDARD, CHAPTER 9 OF THE STATE OF CALIFORNIA LABOR CODE, AND ANY LOCAL CODES OR ORDINANCES.
- WE CALL YOUR ATTENTION TO TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973 AS AMENDED WHICH STATES: (1) PRIOR TO OPENING AN EXCAVATION EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS, I.E. SEWER, WATER, FUEL, ELECTRICAL LINES, ETC., WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING, AND, WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE START OF ACTUAL EXCAVATION.
- THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL MECHANICAL, ELECTRICAL AND INSTRUMENTATION EQUIPMENT, PIPING AND CONDUITS, STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED, WHERE NECESSARY. SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR TO THE DEVELOPER AND APPROVAL AGENCY.
- SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE IN STRICT CONFORMANCE WITH THE CITY OF LODI STANDARDS AND SPECIFICATIONS.

GENERAL NOTES (CONT)

- PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER, ONE SET OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.
- AFTER CONSTRUCTION OF ALL IMPROVEMENTS, THE CONTRACTOR SHALL SUBMIT ONE SET OF REPRODUCIBLE PLANS, FINAL INVERT ELEVATIONS FOR SEWER AND STORM DRAIN LINES THAT ARE TO BE EXTENDED FOR FUTURE CONSTRUCTION SHALL ALSO BE SHOWN ON THE "AS-BUILT" PLANS ALL AS PROVIDED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY NORTHSTAR ENGINEERING AT LEAST 48 HOURS PRIOR TO BACK FILLING OF ANY PIPE WHICH STUBS TO A FUTURE PHASE OF CONSTRUCTION FOR INVERT VERIFICATION. TOLERANCE SHALL BE IN ACCORDANCE WITH THE CITY OF LODI STANDARD SPECIFICATIONS.
- WHENEVER EXISTING FACILITIES ARE REMOVED, DAMAGED, BROKEN, OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS OR SPECIFICATIONS, SAID FACILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. AFTER PROPER BACKFILLING AND/OR CONSTRUCTION, WITH MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL EXISTING FACILITIES. THE FINISHED PRODUCT SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER, THE ENGINEER, AND THE RESPECTIVE REGULATORY AGENCY.
- DUST CONTROL SHALL BE PROVIDED AT ALL TIMES, AT THE CONTRACTOR'S EXPENSE TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF LODI. CONTRACTOR SHALL OBTAIN A PERMIT FROM CALIFORNIA WATER FOR USE OF WATER FROM FIRE HYDRANTS FOR CONSTRUCTION PURPOSES. THE PERMIT SHALL BE APPROVED BY THE CITY OF LODI FIRE DEPARTMENT.
- CONTRACTOR SHALL PROVIDE CITY WITH A CERTIFICATE SIGNED BY A REGISTERED CIVIL ENGINEER OR LAND SURVEYOR STATING THAT ALL BUILDING PAD ELEVATIONS ARE IN ACCORDANCE WITH THE APPROVED GRADING PLAN.
- UNLESS OTHERWISE STATED, ALL STATIONS INDICATED ON THE IMPROVEMENT PLANS ARE REFERENCED TO THE CENTRELINE OF THE STREET. ALL STATIONS OFF CENTER ARE PERPENDICULAR TO OR RADIIALLY OPPOSITE CENTERLINE STATIONS. UNLESS OTHERWISE NOTED.
- DRIVEWAYS ON STREETS TO BE LOCATED IN THE FIELD BY THE ENGINEER AT THE TIME OF CONSTRUCTION. DRIVEWAYS SHALL NOT COINCIDE WITH WHEELCHAIR RAMPS.
- IF THE PROJECT IS SUBJECT TO THE INDIRECT SURVEY REVIEW (ISR) REQUIREMENT, THE CONTRACTOR IS REQUIRED TO KEEP DAILY RECORDS OF THE TOTAL HOURS OF OPERATION FOR EACH PIECE OF EQUIPMENT GREATER THAN 50-HORSEPOWER BEING USED ON THE PROJECT SITE DURING CONSTRUCTION. WITHIN 30 DAYS OF COMPLETING CONSTRUCTION OF EACH PROJECT PHASE, A REPORT SUMMARIZING TOTAL HOURS OF OPERATION BY EQUIPMENT TYPE, MODEL, YEAR, AND HORSEPOWER FOR EACH PIECE OF CONSTRUCTION EQUIPMENT GREATER THAN 50-HORSEPOWER MUST BE SUBMITTED TO THE AIR DISTRICT, TO ASSIST IN THIS RECORDKEEPING. THE "DETAILED FLEET TEMPLATE" IS AVAILABLE ON THE DISTRICT'S WEBSITE AT [HTTP://WWW.VALLEYAIR.ORG/ISR/ISRFORMSANDAPPLICATIONS.HTM](http://www.valleyair.org/isr/isrformsandapplications.htm). FOR EACH PROJECT PHASE, THE DISTRICT WILL VERIFY THAT THE FLEET DETAILS ACHIEVED THE REQUIRED EMISSION REDUCTIONS. IF THE CONTRACTOR IS NOT GOING TO MEET THE STANDARDS AND/OR RECORD KEEPING REQUIRED BY THE AIR DISTRICT, THE CONTRACTOR SHALL NOTIFY THE AIR BOARD PRIOR TO CONSTRUCTION SO THE NECESSARY MITIGATION FEE SHALL BE PAID. IF THE AIR BOARD IS NOT NOTIFIED PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO PAY THE PENALTY TO THE AIR BOARD.
- PRIOR TO FINALIZING IMPROVEMENTS AND OPENING ROADS THE CONTRACTOR SHALL COORDINATE WITH THE GOVERNING LOCAL AGENCY FOR POTENTIAL TRAFFIC SIGNAGE AND STRIPING MODIFICATIONS (FOR EXAMPLE, SPEED LIMIT CHANGES OR REDUCTIONS) BEYOND THE PROJECT LIMITS THAT ARE NECESSITATED BY THE CONSTRUCTION OF THE IMPROVEMENTS SHOWN ON THESE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SIGNAGE AND STRIPING MODIFICATIONS REQUIRED BY THE GOVERNING AGENCY.
- ANY ASSUMPTION MADE BY THE CONTRACTOR THAT HAS NOT BEEN CONFIRMED BY THE DEVELOPMENT TEAM IS NOT THE RESPONSIBILITY OF THE DEVELOPER, ENGINEER, OR DESIGN CONSULTANT. CONTRACTOR SHALL PERFORM A PRE-BID SITE WALK, VERIFY EXISTING SITE CONDITIONS IN RELATION TO THE PROPOSED IMPROVEMENTS, AND SUBMIT PRE-BID REQUESTS FOR INFORMATION (RFI) FOR ANY CLARIFICATION NEEDED AND SHALL BE RESPONSIBLE FOR COMPLETING THE PROJECT AT THE CONTRACTOR'S EXPENSE FOR ANY WRONG ASSUMPTIONS MADE.

GRADING NOTES

- EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF LODI STANDARDS AND THE PROJECT SOILS REPORT. ALL FILL AREAS SHALL BE TESTED AS REQUIRED BY THE CITY OF LODI AND SHALL BE PAID FOR BY THE CONTRACTOR.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR COST OF INITIAL TEST FOR MOISTURE DENSITY CURVE. IF THE FIRST TEST FAILS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COST OF ALL SUBSEQUENT CURVES AND TESTS.
- THE CONTRACTOR SHALL REVIEW SITE PRIOR TO BIDDING. ALL VEGETATION AND DELETERIOUS MATERIALS SHALL BE REMOVED FROM THE SITE AT THE EXPENSE OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE LUMP SUM CLEARING COST.
- THE CONTRACTOR SHALL PRESERVE ALL STAKES AND POINTS SET FOR LINES, GRADES OR MEASUREMENT OF THE WORK IN THEIR PROPER PLACES UNTIL AUTHORIZED TO REMOVE THEM BY THE ENGINEER. ALL EXPENSES INCURRED IN REPLACING STAKES THAT HAVE BEEN REMOVED WITHOUT PROPER AUTHORITY SHALL BE PAID FOR BY THE CONTRACTOR.
- CONTRACTOR'S PRICE SHALL INCLUDE COST TO ACHIEVE A BALANCED SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPORT AND EXPORT MATERIAL AS REQUIRED TO BALANCE SITE.
- CONTRACTOR SHALL GRADE ALL LANDSCAPE AREAS TO WITHIN 0.10 FEET OF FINAL GRADE ELEVATIONS WITH APPROPRIATE LANDSCAPE SECTIONS INCLUDED.
- ALL A.C. PAVING SHALL BE FOG SEALED PER SECTION 37 OF CALTRANS STANDARD SPECIFICATIONS, THE LATEST EDITION.
- GRADE TAGS LOCATED ON CURBS REFERENCE TOP OF CURB ELEVATION UNLESS OTHERWISE NOTED. ADDITIONAL DESCRIPTIONS ARE PROVIDED TO DENOTE HORIZONTAL AND VERTICAL CHANGES IN ACCORDANCE WITH ABBREVIATIONS DEFINED ON COVER SHEET.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING HIS OWN EARTHWORK QUANTITIES FOR BIDDING, CONTRACT AND CONSTRUCTION PURPOSE. IF IT APPEARS THERE WILL BE AN EXCESS OR SHORTAGE OF MATERIAL, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO DETERMINE IF POSSIBLE GRADE ADJUSTMENTS CAN BE MADE.
- SITE CONTRACTOR SHALL COORDINATE WITH BUILDING CONTRACTOR TO ACCOMMODATE THE PROPER CLEARANCE BETWEEN THE BOTTOM OF THE STUCCO AND THE TOP OF THE GRADE TREATMENT ALONG THE BUILDING AS APPLICABLE, IN ACCORDANCE WITH SECTION 2512.1.2 OF THE MOST CURRENT CALIFORNIA BUILDING CODE. IF THE SUBJECT BUILDING SIDING TREATMENT IS STUCCO, CONTRACTOR SHALL NOTIFY ENGINEER IF ANY GRADES ARE ADJUSTED. CONTRACTOR SHALL ALSO APPLY FLASHING WHERE APPLICABLE WITHIN AREAS OF GRADE TRANSITION.
- ALL LANDSCAPE AREAS THAT ABUT ANY PORTION OF THE BUILDING SHALL BE GRADED SUCH THAT THE FINISHED GRADE IN LANDSCAPE AREAS SHALL BE A MINIMUM OF EIGHT INCHES (8") BELOW FINISHED FLOOR OF THE ABUTTING BUILDING AND IN NO CASE SHALL THE LANDSCAPE AREA BE GRADED OR LANDSCAPED SUCH THAT WATER DRAINS TOWARD THE BUILDING.
- SINCE THE ENGINEER CANNOT CONTROL THE EXACT METHOD OR MEANS USED BY THE CONTRACTOR DURING GRADING OPERATIONS, NOR CAN THE ENGINEER GUARANTEE THE EXACT SOIL CONDITION OVER THE ENTIRE SITE, THE ENGINEER ASSUMES NO RESPONSIBILITY FOR FINAL EARTHWORK QUANTITIES.
- CONTRACTOR IS RESPONSIBLE FOR THE OFF Haul AND DISPOSAL OF ANY AND ALL EXCESS DIRT FROM CONSTRUCTION SITE.
- CONTRACTOR SHALL COORDINATE WITH THE EXISTING ADJOINING PROPERTY OWNERS PRIOR TO ANY WORK BEING STARTED THAT MAY AFFECT THEIR PROPERTY.
- CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION FROM THE PROPOSED GRADING TO THE EXISTING FLOWLINE, CURB, CONCRETE, AND/OR PAVEMENT ELEVATIONS.
- ALL EXISTING WELLS AND SEPTIC TANKS SHALL BE REMOVED AND/OR ABANDONED PER THE REQUIREMENTS OF THE COUNTY HEALTH DEPARTMENT AND THE CITY OF LODI. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM CLEARING COST.
- CONTRACTOR SHALL VERIFY BUILDING SUBGRADE SECTIONS WITH ARCHITECT PLANS BEFORE CONSTRUCTION. IF A DISCREPANCY EXISTS, CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY.
- PRIOR TO CONSTRUCTING ANY FLATWORK THE CONTRACTOR SHALL VERIFY THE FINISH FLOOR ELEVATIONS AT ALL DOORS. NOTE THAT FINISH FLOOR ELEVATIONS MAY HAVE BEEN CHANGED DUE TO FOUNDATION ADJUSTMENTS IN FIELD. CONTRACTOR SHALL HOLD ADJUSTED FINISH FLOOR GRADES, ACCOUNT FOR DOOR THRESHOLDS, AND ADJUST GRADES AS NECESSARY TO STAY IN COMPLIANCE WITH CURRENT ADA STANDARDS. CONTRACTOR SHALL NOTIFY NORTHSTAR ENGINEERING IMMEDIATELY IF ANY GRADE ADJUSTMENTS WILL CREATE ADA ACCESSIBILITY ISSUES.

GRADING NOTES (CONT)

- THE VALUES SHOWN ON THE GRADING PLAN ARE FOR REFERENCE AND FEE PURPOSES ONLY. SINCE THE ENGINEER CANNOT CONTROL THE EXACT METHOD OR MEANS USED BY THE CONTRACTOR DURING GRADING OPERATIONS, NOR CAN THE ENGINEER GUARANTEE THE EXACT SOIL CONDITION OVER THE ENTIRE SITE, THE ENGINEER ASSUMES NO RESPONSIBILITY FOR FINAL EARTHWORK QUANTITIES.
- THE VALUES SHOWN ON THE GRADING PLAN ARE TO AID THE CONTRACTOR IN DETERMINING THE QUANTITIES OF DIRT TO BE MOVED. THE CUT AND FILL QUANTITIES SHOWN INDICATE A THEORETICAL YARDAGE FIGURE AND ARE GIVEN ONLY AS A CONVENIENCE TO THE CONTRACTOR. THE QUANTITIES SHOWN SHALL NOT BE USED AS THE BASIS OF BID COSTS.
- EARTHWORK QUANTITY VALUES SHOWN ON PAVING PLAN REPRESENT THE DIFFERENCE BETWEEN THE ESTIMATED EXISTING GRADES FROM ASBUILT DOCUMENTS COMPARED WITH THE SUBGRADE STRUCTURAL SECTIONS OF THE PROPOSED GRADING DESIGN. SEE STRUCTURAL SECTIONS IN HATCH LEGEND ON PAVING PLAN.
- EARTHWORK QUANTITY CALCULATIONS DO NOT INCLUDE STRIPPING, SHRINKAGE, SWELL FACTORS OR MATERIAL FROM UTILITY TRENCH SOILS.

TOPOGRAPHY NOTES

- PLAN SET DESIGN BASED OFF OF TOPOGRAPHIC SURVEY PERFORMED ON JULY 28, 2026. CONTRACTOR SHALL BE AWARE THAT SINCE THIS INITIAL SURVEY THE SITE MAY HAVE CHANGED.
- ALL EXISTING UTILITIES WERE PLOTTED FROM RECORD INFORMATION AND FIELD TOPOGRAPHY. ACTUAL LOCATIONS MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD.
- THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXPOSING EXISTING UTILITY CROSSINGS AND SERVICES.
- ANY DAMAGE TO EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL CALL U.S.A. (800) 227-2600 TO HAVE THE SITE MARKED. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES TO VERIFY THAT NO CONFLICTS EXIST BETWEEN PROPOSED AND EXISTING IMPROVEMENTS.
- CONTRACTOR/DEVELOPER SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE APPROPRIATE AGENCY TO DO ANY WORK WITHIN RIGHT-OF-WAY PRIOR TO CONSTRUCTION.
- CONTRACTOR TO BE CAUTIOUS OF UNDERGROUND STUBS AND LINES. CONTRACTOR SHALL USE EXTREME CAUTION AS TO OTHER LINES MAY EXIST ON THE SITE THAT ARE NOT CLEARLY MARKED.
- AN ATTEMPT HAS BEEN MADE TO SHOW ALL EXISTING STRUCTURES, UTILITIES, DRIVES, PAVEMENTS, CURBS, WALKS, ETC. IN THEIR APPROXIMATE LOCATION ON THE SURVEY AND/OR WORKING DRAWINGS. HOWEVER, OTHERS THAT ARE NOT SHOWN MAY EXIST AND MAY BE FOUND UPON VISITING THE SITE OR DURING THE CLEARING AND REMOVAL WORK. IT WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO ACCURATELY LOCATE ALL EXISTING FACILITIES AND TO DETERMINE THEIR EXTENT. IF SUCH FACILITIES OBSTRUCT THE PROGRESS OF THE WORK AND ARE NOT INDICATED TO BE REMOVED OR RELOCATED, THEY SHALL BE REMOVED OR RELOCATED ONLY AS DIRECTED BY THE OWNER.
- THE CONTRACTOR SHALL REPORT ANY EXISTING SITE ELEMENT NOT SHOWN ON THE WORKING DRAWINGS TO THE ARCHITECT OF RECORD SO THAT THE PROPER DISPENSATION OF THAT ELEMENT MAY BE MADE.
- IN CONJUNCTION WITH CONTACTING USA TO LOCATE UNDERGROUND UTILITIES WITHIN THE PUBLIC RIGHT-OF-WAY IT IS HIGHLY RECOMMENDED THAT THE CONTRACTOR UTILITY (GPR) GROUND PENETRATING RADAR UNDERGROUND SERVICES TO IDENTIFY ONSITE UTILITIES THAT MAY NOT BE VISIBLE FROM THE SURFACE.
- CONTRACTOR SHALL REVIEW ALL OF THE CONSULTANT'S PLAN SETS FOR ADDITIONAL DEMOLITION, REPLACEMENT AND IMPROVEMENTS PRIOR TO BEGINNING OF ANY WORK. IF A CONFLICT IS FOUND THEN THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND ENGINEER IMMEDIATELY.
- IN ACCORDANCE WITH SECTION 8771 OF THE PROFESSIONAL LAND SURVEYORS ACT
A) MONUMENTS SET SHALL BE SUFFICIENT IN NUMBER AND DURABILITY AND EFFICIENTLY PLACED SO AS NOT TO BE READILY DISTURBED, TO ASSURE, TOGETHER WITH MONUMENTS ALREADY EXISTING, THE PERPETUATION OR FACILE REESTABLISHMENT OF ANY POINT OR LINE OF THE SURVEY.
B) WHEN MONUMENTS EXIST THAT CONTROL THE LOCATION OF SUBDIVISIONS, TRACTS, BOUNDARIES, ROADS, STREETS, OR HIGHWAYS, OR PROVIDE HORIZONTAL OR VERTICAL SURVEY CONTROL, THE MONUMENTS SHALL BE LOCATED AND REFERENCED BY OR UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER PRIOR TO THE TIME WHEN ANY STREETS, HIGHWAYS, OTHER RIGHTS-OF-WAY, OR EASEMENTS ARE IMPROVED, CONSTRUCTED, RECONSTRUCTED, MAINTAINED, RESURFACED, OR RELOCATED, AND A CORNER RECORD OR RECORD OF SURVEY OF THE REFERENCES SHALL BE FILED WITH THE COUNTY SURVEYOR. THEY SHALL BE RESET IN THE SURFACE OF THE NEW CONSTRUCTION, A SUITABLE MONUMENT BOX PLACED THEREON, OR PERMANENT WITNESS MONUMENTS SET TO PERPETUATE THEIR LOCATION IF ANY MONUMENT COULD BE DESTROYED, DAMAGED, COVERED, OR OTHERWISE OBLITERATED, AND A CORNER RECORD OR RECORD OF SURVEY FILED WITH THE COUNTY SURVEYOR PRIOR TO THE RECORDING OF A CERTIFICATE OF COMPLETION FOR THE PROJECT. SUFFICIENT CONTROLLING MONUMENTS SHALL BE RETAINED OR REPLACED IN THEIR ORIGINAL POSITIONS TO ENABLE PROPERTY, RIGHT-OF-WAY AND EASEMENT LINES, PROPERTY CORNERS, AND SUBDIVISION AND TRACT BOUNDARIES TO BE REESTABLISHED WITHOUT PREVIOUS SURVEYS NECESSARILY ORIGINATING ON MONUMENTS DIFFERING FROM THOSE THAT CURRENTLY CONTROL THE AREA. IT SHALL BE THE RESPONSIBILITY OF THE GOVERNMENTAL AGENCY OR OTHERS PERFORMING CONSTRUCTION WORK TO PROVIDE FOR THE MONUMENTATION REQUIRED BY THIS SECTION. IT SHALL BE THE DUTY OF EVERY LAND SURVEYOR OR CIVIL ENGINEER TO COOPERATE WITH THE GOVERNMENTAL AGENCY IN MATTERS OF MAPS, FIELD NOTES, AND OTHER PERTINENT RECORDS. MONUMENTS SET TO MARK THE LIMITING LINES OF HIGHWAYS, ROADS, STREETS OR RIGHT-OF-WAY OR EASEMENT LINES SHALL NOT BE DEEMED ADEQUATE FOR THIS PURPOSE UNLESS SPECIFICALLY NOTED ON THE CORNER RECORD OR RECORD OF SURVEY OF THE IMPROVEMENT WORKS WITH DIRECT TIES IN BEARING OR AZIMUTH AND DISTANCE BETWEEN THESE AND OTHER MONUMENTS OF RECORD.
C) CONTRACTOR SHALL COORDINATE WITH THE LAND SURVEYOR OF RECORD, PRIOR TO STARTING CONSTRUCTION, TO IDENTIFY ALL SURVEY MONUMENTS THAT MAY BE SUBJECT TO DISTURBANCE AND SHALL INCLUDE COSTS FOR MONUMENT PRESERVATION, REPLACEMENT, AND PREPARATION OF CORNER RECORDS OR RECORD OF SURVEY IN CONTRACTOR'S BID.
D) THE DECISION TO FILE EITHER THE REQUIRED CORNER RECORD OR A RECORD OF SURVEY PURSUANT TO SUBDIVISION (B) SHALL BE AT THE ELECTION OF THE LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER SUBMITTING THE DOCUMENT, AT CONTRACTOR'S EXPENSE.

\$732.5, \$1492.5, \$1810.0 OF THE CALIFORNIA STREETS AND HIGHWAYS CODES STATE: SURVEY MONUMENTS SHALL BE PRESERVED, REFERENCED, OR REPLACED PURSUANT TO SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE.

SITE LAYOUT NOTES

- SEE ARCHITECTURAL PLANS FOR ALL BUILDING DETAILS, STRUCTURAL DETAILS, FOOTING DETAILS, UTILITY POINTS OF CONNECTION, ROOF DRAIN LOCATIONS, ADA PATH OF TRAVEL, ADA SIGNAGE, ADA ACCESSIBILITY DETAILS, TRUNCATED DOME LOCATIONS, ENTRY MONUMENTS, GENERAL SIGNAGE, PARKING LOT STRIPING AND SITE PLAN CONSTRAINTS.
- SEE PLUMBING PLANS FOR CONTINUATION OF UTILITIES WITHIN 5 FEET OF THE BUILDING.
- SEE LANDSCAPE PLANS FOR ALL LANDSCAPE IMPROVEMENTS INCLUDING LANDSCAPE IRRIGATION, LANDSCAPE AREA GRADING, LANDSCAPE SLEEVE CROSSINGS AND LANDSCAPE SLOPE TREATMENT. CONTRACTOR SHALL REFER TO LANDSCAPE PLANS AND COORDINATE GRADING ACTIVITIES TO ALLOW FOR ANY REQUIRED SOIL AMENDMENTS. CONTRACTOR SHALL REFER TO LANDSCAPE PLANS FOR ANY AND ALL LANDSCAPE AND/OR IRRIGATION REMOVAL OR RELOCATION. IF ANY CONFLICT IS FOUND BETWEEN THE LANDSCAPE PLANS AND THE CIVIL IMPROVEMENT PLANS, CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEER AND LANDSCAPE ARCHITECT IMMEDIATELY FOR RESOLUTION.
- SEE ELECTRICAL PLANS FOR DRY UTILITY LAYOUT, DRY UTILITY DETAILS AND SPECIFICATIONS, MODIFICATIONS TO EXISTING DRY UTILITIES, SITE LIGHTING LOCATIONS AND DETAILS, POINTS OF CONNECTION, AND SLEEVE CROSSINGS. ANY AND ALL ELECTRICAL REMOVAL OR RELOCATION.
- STRIPING SHALL BE APPLIED PER CITY STANDARDS AS SHOWN ON THIS PLAN SET. ADDITIONALLY STRIPING AND SIGNAGE INFORMATION SHALL FOLLOW MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION, MUTCD CALIFORNIA SUPPLEMENTS.
- FLATWORK SHALL BE INSTALLED WITH CRACK CONTROL JOINTS AT APPROPRIATE SPACING.
- CONSTRUCT CONTROL AND CONSTRUCTION JOINTS IN ACCORDANCE WITH CURRENT PORTLAND CEMENT ASSOCIATION GUIDELINES AND CITY STANDARDS, USE WHICH EVER IS MORE STRINGENT. SEE GEOTECHNICAL REPORT FOR ADDITIONAL PCC RECOMMENDATIONS.
- ANY UNSUITABLE MATERIAL ENCOUNTERED AT OR BELOW GRADE SHALL BE COMPLETELY REMOVED TO THE FULL DEPTH AND REPLACED WITH COMPACTED ENGINEERED FILL OR APPROVED IMPORT SOILS.
- GEOTECHNICAL ENGINEER SHALL VERIFY MOISTURE CONTENT AND CONDITIONING PRIOR TO POURING ANY CONCRETE OR ASPHALT.
- PRIOR TO CONSTRUCTION CONTRACTOR SHALL REVIEW EXISTING GRADES ALONG SAWCUT LINE AND TRANSITIONS TO MATCH EXISTING IMPROVEMENTS TO ENSURE BOTH DRAINAGE FLOW IS CONTINUOUS AND UNINTERRUPTED AND ACCESSIBILITY REQUIREMENTS ARE BEING MET.
- CONTRACTOR SHALL ADJUST ANY AND ALL BOXES, STRUCTURES, ETC. TO FINISH GRADE WITH TRAFFIC RATED LID FOR VEHICULAR AREAS AND ACCESSIBLE LID FOR PEDESTRIAN AREAS BASED ON PROPOSED GRADING DESIGN SHOWN IN THIS PLAN SET. SEE ARCHITECTURAL PLANS, SEE LANDSCAPE ARCHITECT PLANS.
- CONTRACTOR SHALL MAINTAIN EROSION RESISTANT VEGETATION ON FACE OF ALL SLOPES.
- ALL PROPOSED A.C. PAVING SHALL BE FOG SEALED PER SECTION 37 OF CALTRANS STANDARD & SPECIFICATIONS, THE LATEST EDITION. FOG SEALING SHALL BE APPLIED AT LEAST NINE MONTHS AFTER THE PAVING IS INSTALLED, BUT NO LATER THAN EIGHTEEN MONTHS AFTER PAVING IS INSTALLED. CONTRACTOR SHALL RESTRIPE PAVEMENT AS NECESSARY. RESTRIPE SHALL CONFORM TO THE PROJECT PLANS AND SPECIFICATIONS.

811

SAFETY IS IN YOUR HANDS. EVERY TIME.

REGISTERED PROFESSIONAL LAND SURVEYOR



CIVIL
STATE OF CALIFORNIA

REVISIONS

NO.	DATE	APPROVED	DESCRIPTIONS

GENERAL NOTES AND SPECIFICATIONS

DRIVEWAY IMPROVEMENT PLANS FOR LODI UNIFIED SCHOOL DISTRICT, CALIFORNIA



NorthStar Engineering Group Inc.

CIVIL ENGINEERING • SURVEYING • PLANNING

670 12th Street
Modesto, CA 95354
(209) 324-3225 Phone
(209) 324-3225 Fax

JOB #:

26-4004

DATE:

09/16/2026

SCALE:

AS SHOWN

DRAWN:

EP

DESIGN:

CW

CHECKED:

JE

SHEET NUMBER

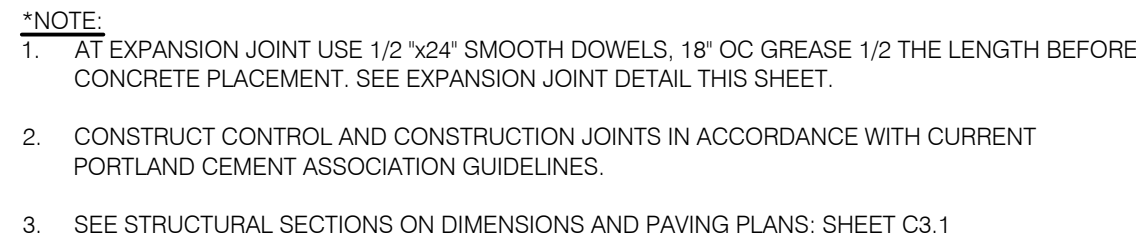
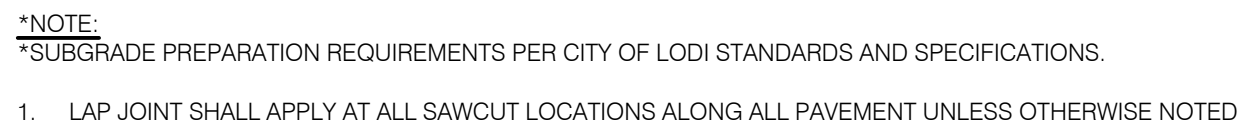
C1.3

COPYRIGHT © 2026 NORTHSTAR ENGINEERING GROUP, INC.

1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THE MOST UP TO DATE CITY STANDARDS FOR REFERENCE PRIOR TO AND DURING CONSTRUCTION.
2. THE LATEST COPY OF THE CITY OF LODI STANDARDS SHALL BE CONSIDERED PART OF THIS PLAN SET.
3. IN THE EVENT OF A DISCREPANCY BETWEEN THIS PLAN SET AND CITY STANDARDS, THE CITY STANDARDS SHALL PREVAIL.
4. STANDARD PLAN DRAWINGS REFERENCED WITHIN THIS PLAN SET INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING DRAWINGS:

CITY OF LODI:
DTL No. 114 COMMERCIAL-TYPE GUTTER & DRIVEWAY
DTL No. 117 SIDEWALK REPAIR
DTL No. 135 VERTICAL-TYPE CURB, GUTTER, SIDEWALK & DRIVEWAY

CALTRANS:
DTL No. A88A CURB RAMP DETAILS



[illegible]

TOPOGRAPHIC AND DEMOLITION PLAN

**DRIVEWAY IMPROVEMENT PLANS FOR
LODI UNIFIED SCHOOL DISTRICT
CALIFORNIA**

North Star
Engineering Group, Inc.
• CIVIL ENGINEERING • SURVEYING • PLANNING •
6820 12th Street Modesto, CA 95354
(209) 524-3525 Phone (209) 524-3526 Fax

JOB #:	26-4004
DATE:	09/16/2026
SCALE:	AS SHOWN
DRAWN:	EP
DESIGN:	CWV
CHK'D:	JE

SHEET
NUMBER

C2.1

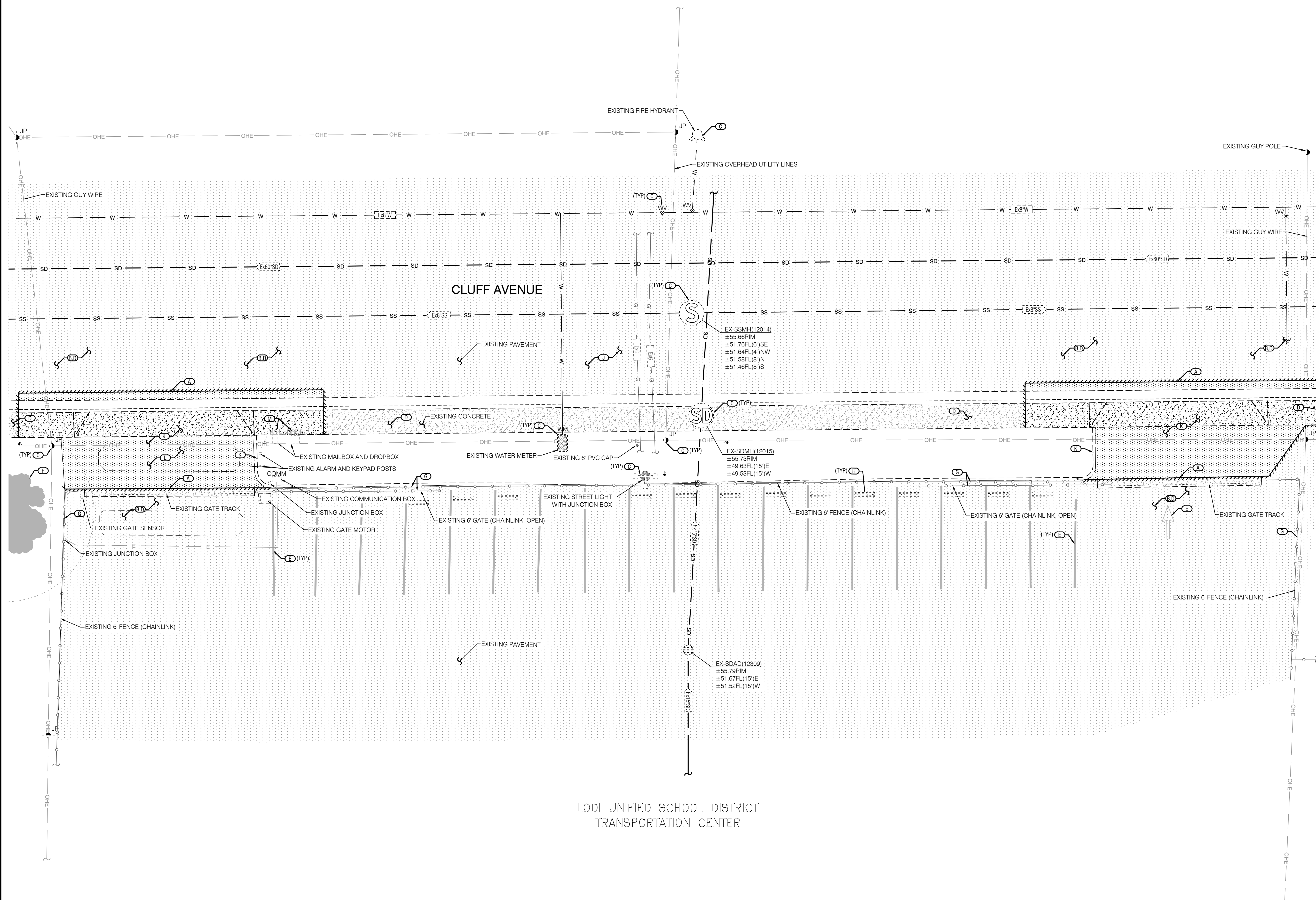
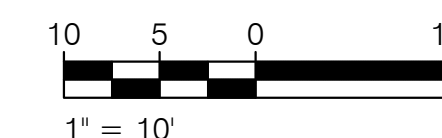


Figure 1: Typical Pavement Cross Section. The diagram illustrates a cross-section of a pavement structure with four distinct layers. The top layer is labeled 'EXISTING CONCRETE' and features a diagonal hatching pattern. Below it is a layer labeled 'EXISTING PAVEMENT' with a dotted pattern. The third layer is labeled 'EXISTING CONCRETE TO BE REMOVED' and also has a diagonal hatching pattern. The bottom layer is labeled 'EXISTING PAVEMENT TO BE REMOVED' and has a dotted pattern. The entire structure is shown within a rectangular frame.

1 SAWCUT AND REMOVE EXISTING PAVEMENT, CONCRETE, AND/OR CURB AS REQUIRED PER THESE PLANS. CONTRACTOR MAY NEED TO FIELD ADJUST SAWCUT LINE TO REMOVE THE PAVEMENT OR CONCRETE SECTION AT A CLEAN EDGE OR NEAREST JOINT BASED ON FIELD CONDITIONS WHILE MAINTAINING ADEQUATE TRANSITION TO PROVIDE COMPLIANCE WITH ACCESSIBILITY STANDARDS, WHERE APPLICABLE. LAP JOINT PER DETAIL 1 ON SHEET C1.4 SHALL APPLY TO ALL SAWCUT LOCATIONS ALONG AC PAVEMENT, UNLESS OTHERWISE NOTED.

2 "USE EXTREME CAUTION" THROUGHOUT THE COURSE OF CONSTRUCTION AS ADDITIONAL UNDERGROUND LINES AND STRUCTURES NOT SHOWN ON THIS PLAN MAY EXIST AND ARE NOT CLEARLY MARKED OR VISIBLE FROM THE SURFACE. ADDITIONALLY CONTRACTOR SHALL USE EXTREME CAUTION WHILE WORKING BY HAND HANGING POWER LINES. IN CONJUNCTION WITH CONTACTING USA TO LOCATE UNDERGROUND UTILITIES WITHIN THE PUBLIC RIGHT-OF-WAY, CONTRACTOR TO LOCATE (GPR) GROUND PENETRATING RADAR UNDERGROUND SERVICES TO IDENTIFY UTILITIES THAT MAY NOT BE VISIBLE FROM THE SURFACE.

3 "USE EXTREME CAUTION" CONTRACTOR SHALL PROTECT EXISTING STRUCTURES, OVERHEAD LINES AND UNDERGROUND UTILITIES THROUGHOUT THE COURSE OF CONSTRUCTION AND REPAIR/REPLACE IF DAMAGED DURING CONSTRUCTION. AT CONTRACTORS EXPENSE, COORDINATE WITH A CONSULTANT AND/OR AGENCY FOR ANY RELOCATION OR REMOVAL. CONTRACTOR SHALL ADJUST TO PROPOSED GRADE AS NECESSARY.

4 CONTRACTOR SHALL PROTECT EXISTING CONCRETE, CURB AND/OR PAVEMENT THROUGHOUT THE COURSE OF CONSTRUCTION AND REPAIR/REPLACE IF DAMAGED DURING CONSTRUCTION, AT CONTRACTORS EXPENSE. SEE KEYNOTE "A" ABOVE.

5 CONTRACTOR SHALL PROTECT EXISTING STRIPING AND SIGNAGE THROUGHOUT THE COURSE OF CONSTRUCTION AND REPAIR/REPLACE IF DAMAGED DURING CONSTRUCTION, AT CONTRACTORS EXPENSE.

6 CONTRACTOR SHALL PROTECT EXISTING TREE, SHRUB, AND ROOTS THROUGHOUT THE COURSE OF CONSTRUCTION. EXCAVATION AND GRADING SHOULD BE KEPT TO A MINIMUM AND NOTIFY THE OWNER IMMEDIATELY SHOULD THE TREE NEED TO BE REMOVED TO COMPLETE IMPROVEMENTS.

7 CONTRACTOR SHALL PROTECT EXISTING FENCE, GATE AND/OR MOWSTRIP THROUGHOUT THE COURSE OF CONSTRUCTION AND REPAIR/REPLACE IF DAMAGED DURING CONSTRUCTION, AT CONTRACTORS EXPENSE.

8 CONTRACTOR SHALL PROTECT EXISTING CONCRETE WHEEL STOP THROUGHOUT THE COURSE OF CONSTRUCTION AND REPAIR/REPLACE IF DAMAGED DURING CONSTRUCTION, AT CONTRACTORS EXPENSE.

9 CONTRACTOR SHALL "USE EXTREME CAUTION" WHEN PERFORMING CONSTRUCTION ACTIVITIES NEAR EXISTING GAS LINE STRUCTURES AND/OR UNDERGROUND UTILITIES. SEE KEYNOTE "C" FOR ADDITIONAL INFORMATION.

10 CONTRACTOR SHALL REMOVE EXISTING CONCRETE, CURB, AND/OR PAVEMENT AS SHOWN AND DISPOSE OF OFF-SITE AT THE CONTRACTOR'S EXPENSE. SEE KEYNOTE "A" ABOVE FOR ADDITIONAL INFORMATION.

11 CONTRACTOR SHALL PROTECT EXISTING GATE SENSOR LOOP. CONTRACTOR SHALL REPLACE EXISTING GATE SENSOR LOOP AND RELATED APPURTENANCES IN-KIND IF DAMAGED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH DISTRICT FOR ANY APPLICABLE SPECIFICATIONS

12 CONTRACTOR SHALL RELOCATE EXISTING MAILBOX. CONTRACTOR SHALL REPAIR/REPLACE IF DAMAGED DURING CONSTRUCTION. AT CONTRACTORS EXPENSE.

COPYRIGHT © 2026 NORTHSTAR ENGINEERING GROUP, INC.

PLOTTED: 09/16/2026 08:11 PLOTTED BY: Epimel
 PANTNAME: F:26-4034 Job: ISO Offsite & Onsite Improvement Civi Improvement Plans\21 TOPQ.dwt

[illegible]

DIMENSION AND PAVING PLAN

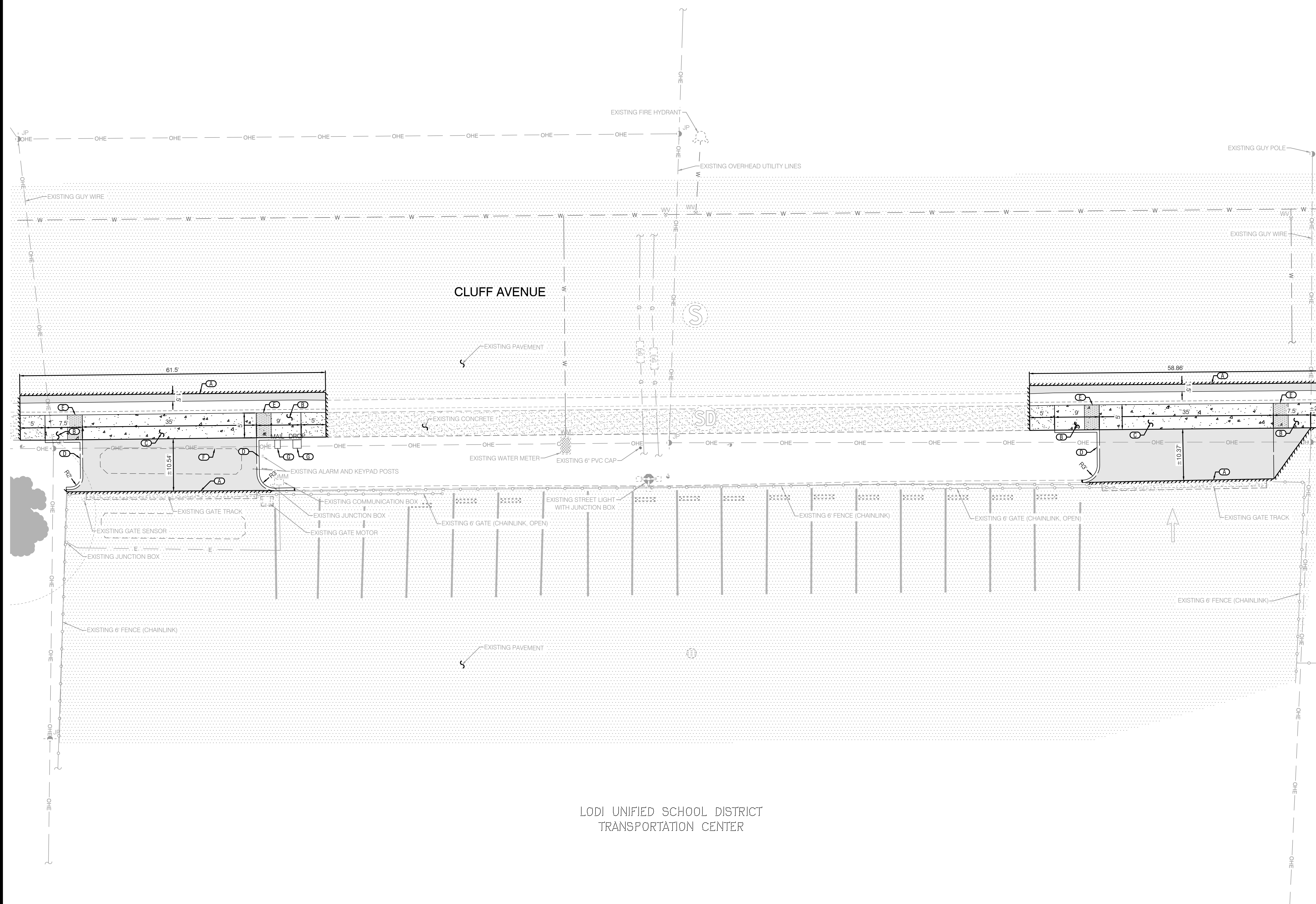
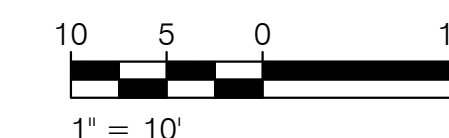
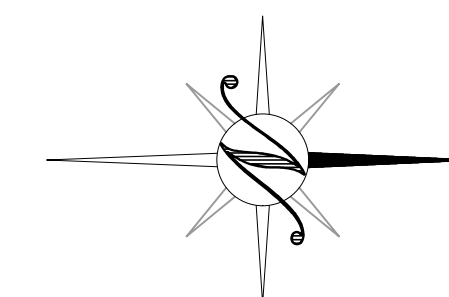
DRIVEWAY IMPROVEMENT PLANS FOR
LODI UNIFIED SCHOOL DISTRICT
 LODI, CALIFORNIA

NorthStar
Engineering Group, Inc.
• CIVIL ENGINEERING • SURVEYING • PLANNING •
2020 12th Street Modesto, CA 95354
(209) 524-3525 Phone (209) 524-3526 Fax

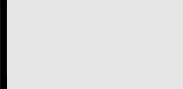
JOB #:	26-4004
DATE:	09/16/2026
SCALE:	AS SHOWN
DRAWN:	EP
DESIGN:	CVW
CHK'D:	JE

SHEET
NUMBER

C3.1



LEGEND

	EXISTING CONCRETE		EXISTING PAVEMENT
	PAVEMENT SECTION MATCH EXISTING SECTION OR 4" AC/ 20" CLASS II AB (95% RC), WHICHEVER IS GREATEST		
	CONCRETE SECTION - DRIVEWAY 8" PCC/ 8" CLASS II AB (95% RC) W/ #4 REBAR AT 18" OC BOTH WAYS		
	CONCRETE SECTION - PEDESTRIAN 4" PCC/ 8" CLASS II AB (90% RC)		

KEY NOTES

SEE TOPOGRAPHIC AND DEMOLITION SHEET C2.1 FOR ADDITIONAL REMOVAL, REPLACEMENT AND PROTECTION NOTES.

- 8 SAWCUT AND REMOVE EXISTING PAVEMENT, CONCRETE, AND/OR CURB AS REQUIRED FOR THESE PLANS. CONTRACTOR MAY NEED TO FIELD ADJUST SAWCUT LINE TO REMOVE THE PAVEMENT OR CONCRETE SECTION AT A CLEAN EDGE OR NEAREST JOINT BASED ON FIELD CONDITIONS. WHILE MAINTAINING ACCESSIBLE TRANSITION TO PROVIDE COMPLIANCE WITH ACCESSIBILITY STANDARDS, WHERE APPLICABLE, LAP JOINT PER DETAIL 1, ON SHEET C1.4 SHALL APPLY TO ALL SAWCUT LOCATIONS ALONG C/P PAVEMENT, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL INSTALL DOWELS AT ALL CONNECTIONS BETWEEN EXISTING AND PROPOSED CONCRETE.
- 9 ACCESSIBLE PATH OF TRAVEL NOT TO EXCEED 5.0% MAX RUNNING SLOPE AND 2.0% MAX CROSS SLOPE.
- 10 CONTRACTOR SHALL INSTALL COMMERCIAL DRIVEWAY PER CITY OF Lodi STANDARD PLAN 114.
- 11 CONTRACTOR SHALL INSTALL 6" VERTICAL CURB PER DETAIL 2 ON SHEET C1.4.
- 12 CONTRACTOR SHALL INSTALL TRUNCATED DOWNS PER CALTRANS STANDARD PLAN A88A.
- 13 CONTRACTOR SHALL REPLACE EXISTING VEHICLE DETECTION LOOP CABLES AND RELATED APPURTENANCES IN KIND AS REQUIRED. CONTRACTOR SHALL SUEDE UNDERGROUND TO GATE MOTOR AS REQUIRED. CONTRACTOR SHALL COORDINATE WITH DISTRICT FOR ANY APPLICABLE SPECIFICATIONS.
- 14 CONTRACTOR SHALL INSTALL RELOCATED MAILBOX. CONTRACTOR SHALL COORDINATE WITH DISTRICT FOR LOCATION.

[illegible]

GRADING AND DRAINAGE PLAN

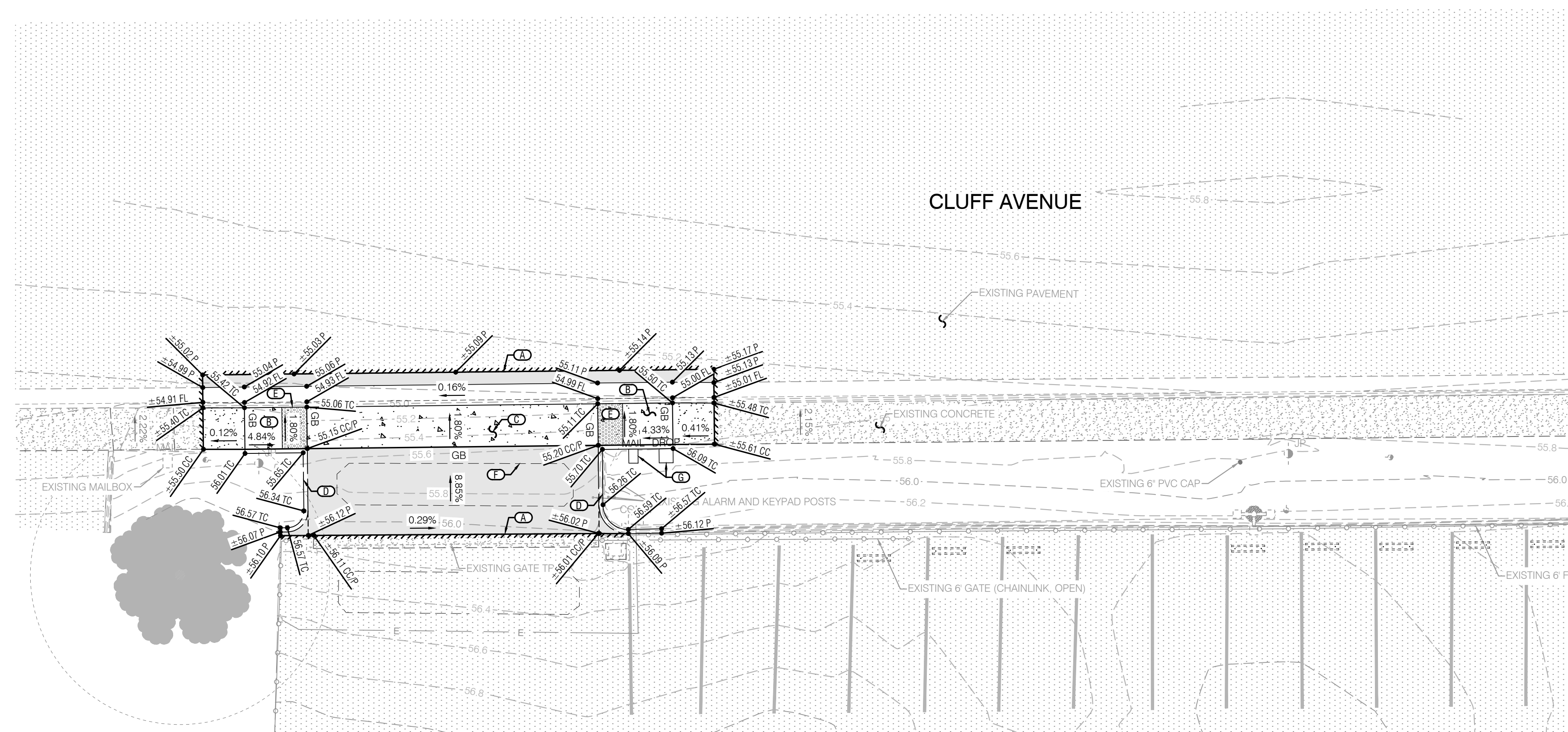
DRIVEWAY IMPROVEMENT PLANS FOR
LODI UNIFIED SCHOOL DISTRICT
 CALIFORNIA
 LODI.

 *North Star*
Engineering Group, Inc.
• CIVIL ENGINEERING • SURVEYING • PLANNING •
620 12th Street Modesto, CA 95354
(209) 524-3525 Phone (209) 524-3526 Fax

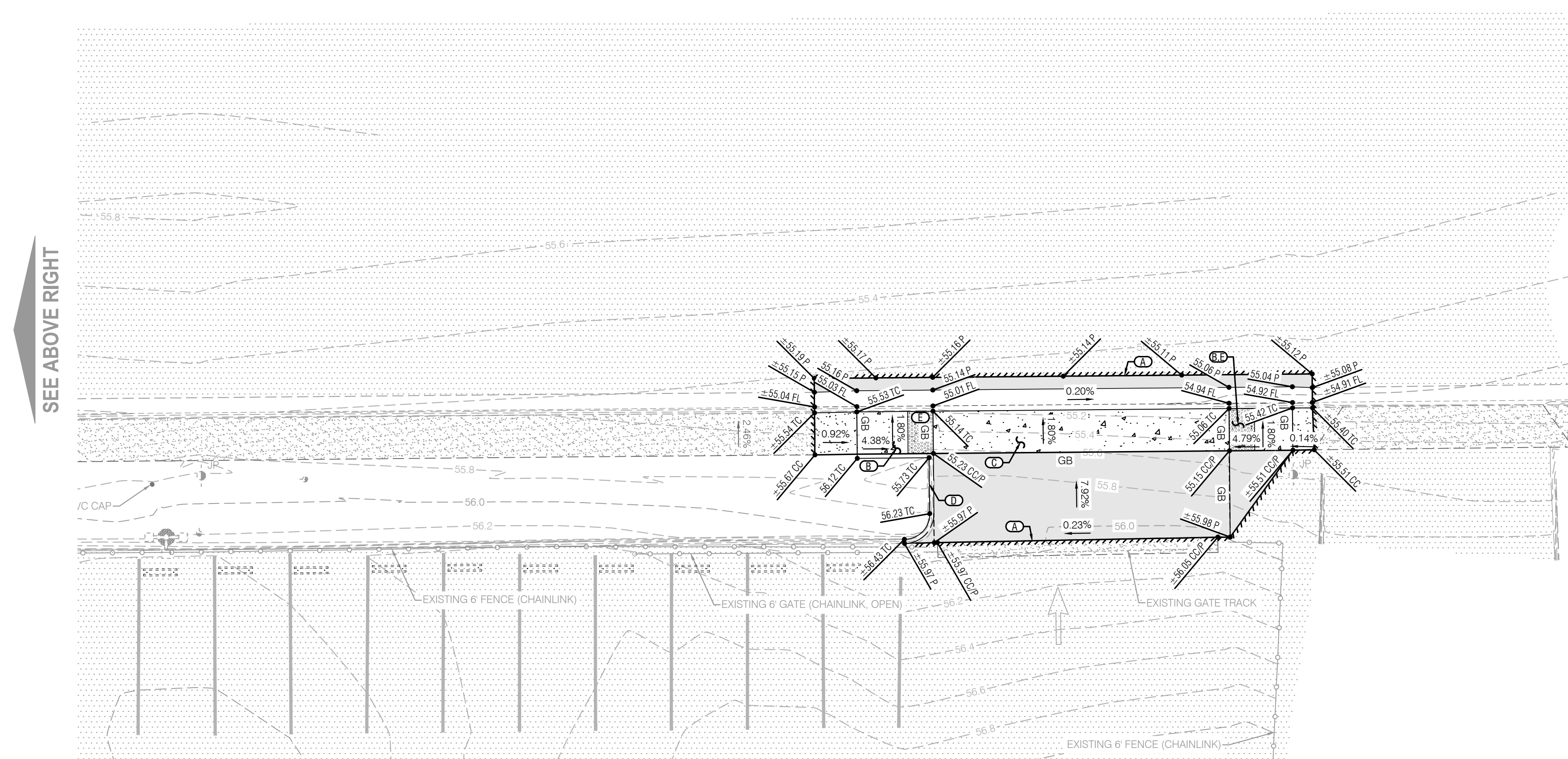
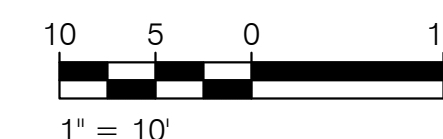
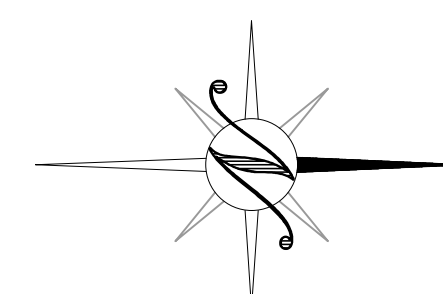
JOB #:	26-4004
DATE:	09/16/2026
SCALE:	AS SHOWN
DRAWN:	EP
DESIGN:	CVW
CHK'D:	JE

SHEET
NUMBER

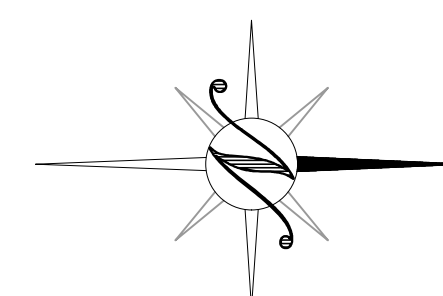
C4.1



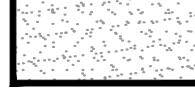
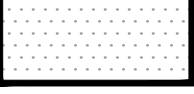
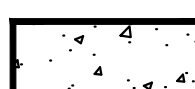
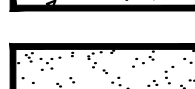
SEE BELOW | FEET



SEE ABOVE RIGHT



LEGEND

	EXISTING CONCRETE		EXISTING PAVEMENT
	PAVEMENT SECTION MATCH EXISTING SECTION OR 4" AC/ 20' CLASS II AB (95% RC), WHICHEVER IS GREATEST		
	CONCRETE SECTION - DRIVEWAY 8" PCC/ 8' CLASS II AB (95% RC) W/ #4 REBAR AT 18" OC BOTH WAYS		
	CONCRETE SECTION - PEDESTRIAN 4" PCC/ 8' CLASS II AB (90% RC)		

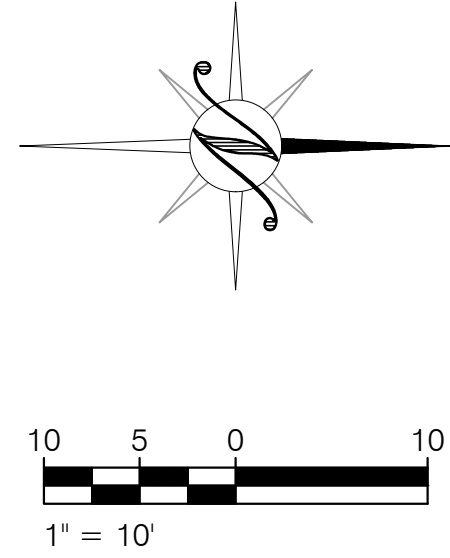
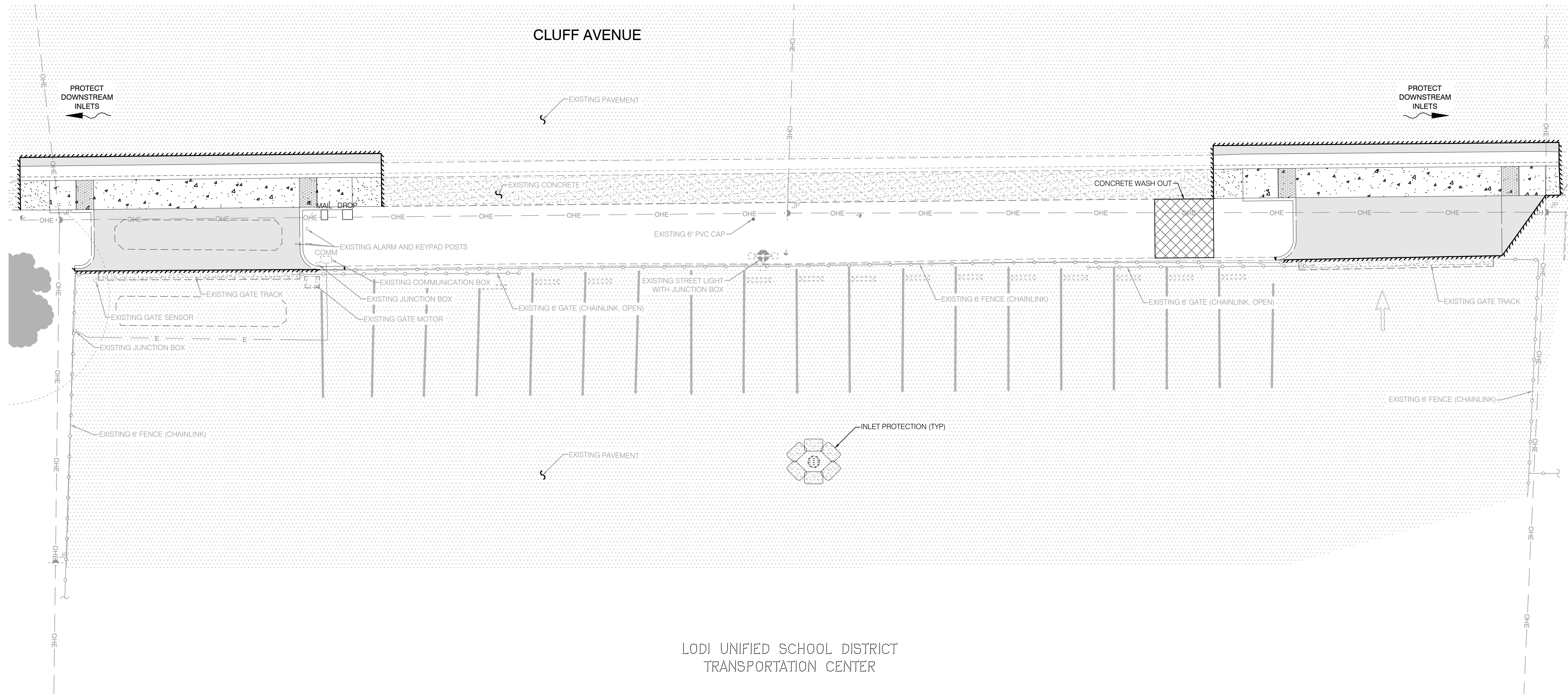
KEY NOTES

SEE TOPOGRAPHIC AND DEMOLITION SHEET C2.1 FOR ADDITIONAL REMOVAL, REPLACEMENT AND PROTECTION NOTES.

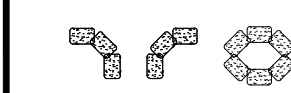
- (A) SAWCUT AND REMOVE EXISTING PAVEMENT, CONCRETE, AND OR CURB AS REQUIRED PER THESE PLANS. CONTRACTOR MAY NEED TO FIELD ADJUST SAWCUT LINE TO REMOVE THE PAVEMENT OR CONCRETE SECTION AT A CLEAN EDGE OR NEAREST JOINT BASED ON FIELD CONDITIONS, WHILE MAINTAINING ACCESSIBLE TRANSITION TO PROVIDE COMPLIANCE WITH ACCESSIBILITY STANDARDS, WHERE APPLICABLE. LAP JOINT PER DETAIL 1 ON SHEET C1.4 SHALL APPLY TO ALL SAWCUT LOCATIONS ALONG A PAVEMENT, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL INSTALL DOWELS AT ALL CONNECTIONS BETWEEN EXISTING AND PROPOSED CONCRETE.
- (B) ACCESSIBLE PATH OF TRAVEL NOT TO EXCEED 5% MAX RUNNING SLOPE AND 2.0% MAX CROSS SLOPE.
- (C) CONTRACTOR SHALL INSTALL COMMERCIAL DRIVEWAY PER LINE OF LODI STANDARD PLAN 114.
- (D) CONTRACTOR SHALL INSTALL 6" VERTICAL CURB PER DETAIL 2 ON SHEET C1.4.
- (E) CONTRACTOR SHALL INSTALL TRUNCATED DOWNS PER CALTRANS STANDARD PLAN A88A.
- (F) CONTRACTOR SHALL REPLACE EXISTING VEHICLE DETECTION LOOP CABLES AND RELATED APPURTENANCES IN-KIND AS REQUIRED. CONTRACTOR SHALL SLOPE UNDERGROUND TO GATE MOTOR AS REQUIRED. CONTRACTOR SHALL COORDINATE WITH DISTRICT FOR ANY APPLICABLE SPECIFICATIONS.
- (G) CONTRACTOR SHALL INSTALL RELOCATED MAILBOX. CONTRACTOR SHALL COORDINATE WITH DISTRICT FOR LOCATION.

COPYRIGHT © 2026 NORTHSTAR ENGINEERING GROUP, INC.

PLOTTED: 09/16/2026 09:11 AM PLOTTED BY: J. HARRIS
DRAWN: 09/16/2026 09:11 AM DRAWN BY: J. HARRIS
PROJECT: 26-4004 Lodi Unified School District Transportation Center



LEGEND



INLET PROTECTION (SEE DETAILS "A", "B", "C, AND "D") SHALL BE PLACED AROUND ALL CATCH BASINS WITHIN THE PROJECT DRAINAGE LIMITS, INCLUDING BUT NOT LIMITED TO ALL LANDSCAPE DRAINAGE. ALSO, INLET PROTECTION SHALL BE PLACED AT THE FIRST INLET DOWNSTREAM FROM THE PROJECT SITE (ON EITHER DIRECTION).

CONCRETE WASHOUT AREA (SEE DETAIL "E")



REVISIONS		DATE	APPROVED
NO.	DESCRIPTIONS		

EROSION CONTROL PLAN

DRIVEWAY IMPROVEMENT PLANS FOR
LODI UNIFIED SCHOOL DISTRICT
LODI, CALIFORNIA



JOB #:	26-4004
DATE:	09/16/2026
SCALE:	AS SHOWN
DRAWN:	EP
DESIGN:	CV
CHKD:	JE

SHEET	NUMBER
-------	--------

C5.1

THESE PLANS DEPICT APPROPRIATE MEASURES TO CONTROL EROSION ON THE SITE TO BE GRADED AS SHOWN ON THE PLANS. THE NATIVE VEGETATION WILL BE REMOVED ONLY FROM THOSE AREAS TO BE GRADED. AREAS OUTSIDE OF AND DOWNSLOPE OF THE LIMITS OF GRADING WILL BE PROTECTED FROM SILT LADEN RUNOFF BY PERIMETER SILT FENCES AS DEPICTED ON THIS PLAN. SLOPED AREAS WHICH HAVE BEEN STRIPPED OF VEGETATION AND NEW SLOPES OVER FOUR FEET HIGH CREATED DURING THE GRADING OPERATION WILL BE TRACKWALKED & HYDROSEEDED.

2. ALL EROSION SEDIMENT STRUCTURES SHALL BE INSPECTED AFTER EACH RAINSTORM AND SHALL BE CLEANED OUT AS NECESSARY.
3. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF GRADING. THE LOCATION SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE ENTRANCE.
4. THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF EROSION CONTROL FOR THE LIFE OF THE PROJECT AND SHALL INSTALL AND MAINTAIN ANY DEVICES AND MEASURES NECESSARY TO THE SATISFACTION OF THE CITY ENGINEER, DURING CONSTRUCTION ACTIVITIES.
5. TO MINIMIZE EROSION OF GRADED BANKS, ALL GRADED BANKS AND STOCKPILE AREAS SHALL BE HYDROSEEDED, LANDSCAPED OR SEALED.
6. STRAW BALES, PIECES OF WOOD, FABRIC OR OTHER SUITABLE MATERIALS SHALL BE USED TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING ANY COMPLETED STORM DRAIN INLETS. THESE PROTECTION MEASURES SHALL BE MAINTAINED UNTIL THE PROJECT IS COMPLETED.
7. WHEN TEMPORARY STRUCTURES HAVE SERVED THEIR INTENDED PURPOSE AND THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED, THE EMBANKMENT AND RESULTING SEDIMENT DEPOSITS ARE TO BE LEVELED OR OTHERWISE DISPOSED OF BY THE CONTRACTOR AS RECOMMENDED BY THE SOILS ENGINEER.
8. GRADED AREAS MUST DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY. DRAINAGE SHALL BE DIRECTED TOWARDS DRAINAGE INLETS.
9. TEMPORARY EROSION CONTROL DEVICES SHOWN ON THIS PLAN WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED AS AND WHEN THE INSPECTOR SO DIRECTS AS THE WORK PROGRESSES.
10. ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE STREET AREAS UPON STARTING OPERATIONS AND PERIODICALLY THEREAFTER AS DIRECTED BY THE INSPECTOR.
11. HYDROMULCHING OF SLOPES OVER 5' IN HEIGHT SHALL BE COMPLETED BETWEEN SEPTEMBER 1 AND OCTOBER 1 OF THE YEAR IN WHICH THEY ARE CONSTRUCTED OR IMMEDIATELY AFTER THEIR CONSTRUCTION IF THEY ARE COMPLETED AFTER OCTOBER 1ST. APPLICATION RATES SHALL BE AS FOLLOWS:

HYDROSEED MIX:					
<u>BOTANICAL NAME</u>	<u>(COMMON NAME)</u>	<u>MIN. % PURITY</u>	<u>MIN. % GERMINATION</u>	<u>LB/ACRE</u>	
ARISTIDA TERNIFENS VAR. HAMULOSA	(THREE-AWN)	90%	85%	2	
BROMUS CARINATUS	(CALIFORNIA BROME)	90%	85%	2	
ELYMUS GLAUCUS	(BLUE WILD RYE)	90%	85%	4	
ELYMUS TRACHYCAULUS SSP. TRACHYCAULUS	(SLENDER WHEATGRASS)	90%	85%	3	
MELICA CALIFORNICA	(CALIFORNIA ONION GRASS)	90%	85%	2	
MUHLENBERGIA RIGENS	(DEER GRASS)	90%	85%	4	
NASSELLA LEPIDA	(FOOTHILL NEEDLEGRASS)	90%	85%	6	
TRIFOLIUM HIRTUM	(HYKON ROSE CLOVER)	90%	85%	10	
CELLULOSE FIBER MULCH				2000	
ORGANIC BINDER WITH HYDROSEED SLURRY				50	
16-20-0-S FERTILIZER				300	

22. WHEN DIRECTED BY THE INSPECTOR, A 12-INCH BERM SHALL BE MAINTAINED ALONG THE TOP OF THE SLOPE OF THOSE FILLS ON WHICH GRADING IS NOT IN PROGRESS.
23. STAND-BY CREWS SHALL BE ALERTED BY THE PERMITTEE OR CONTRACTOR FOR EMERGENCY WORK DURING RAINSTORMS.
24. SEWER OR STORM DRAIN TRENCHES THAT DRAIN THROUGH BASIN DIKES SHALL BE PLUGGED WITH SANDBAGS FROM TOP OF PIPE TO TOP OF DIKE.
25. ALL UTILITY TRENCHES SHALL BE BLOCKED WHEN DIRECTED BY THE DESIGN ENGINEER AT THE PRESCRIBED INTERVALS FROM THE BOTTOM TO TOP WITH DOUBLE ROW OF SANDBAGS PRIOR TO BACKFILL. SANDBAGS ARE TO BE PLACED WITH ALTERNATE HEADER AND STRETCHER COURSES. THE INTERVALS PRESCRIBED BETWEEN SANDBAG BLOCKING SHALL DEPEND ON THE SLOPE OF THE GROUND SURFACE, BUT NOT TO EXCEED THE FOLLOWING:

GRADE OF GROUND SURFACE OR STREET	INTERVAL
LESS THAN 2%	AS REQUIRED
2% TO 4%	100 FEET
4% TO 10%	50 FEET
OVER 10%	25 FEET

26. PROVIDE VELOCITY CHECK DAMS IN ALL UNPAVED STREET AREAS AT THE INTERVALS INDICATED ABOVE. VELOCITY CHECK DAMS MAY BE CONSTRUCTED OF SANDBAGS, TIMBER, OR OTHER EROSION RESISTANT MATERIALS APPROVED BY THE INSPECTOR, AND SHALL EXTEND COMPLETELY ACROSS THE STREET OR CHANNEL AT RIGHT ANGLES TO THE CENTERLINE. EARTH DIKES MAY NOT BE USED AS VELOCITY CHECK DAMS.
27. AFTER SEWER AND UTILITY TRENCHES ARE BACKFILLED AND COMPACTED, THE SURFACES OVER SUCH TRENCHES SHALL BE MOUNDED SLIGHTLY TO PREVENT CHANNELING OF WATER IN THE TRENCH AREA. CARE SHOULD BE EXERCISED TO PROVIDE FOR CROSS-FLOW AT FREQUENT INTERVALS WHERE TRENCHES ARE NOT ON THE CENTERLINE OF A CROWNED STREET. REMOVE ALL CHECK DAMS PRIOR TO BACKFILL.
28. EXCEPT AS OTHERWISE DIRECTED BY THE INSPECTOR, ALL DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY OR WHEN DIRECTED BY THE INSPECTOR.
29. ALL BASINS AND CHECK DAMS SHALL HAVE BEEN PUMPED DRY, AND ALL DEBRIS AND SILT REMOVED WITHIN 24 HOURS AFTER EACH STORM.
30. SANDBAGS SHALL BE STOCKPILED ON-SITE, READY TO BE PLACED IN POSITION WHEN THE CHANCE OF RAIN IS FORECAST TO BE 40% OR GREATER.
31. EXPOSED SLOPES SHALL BE PROTECTED BY VEGETATION COVER OR FABRIC COVER AS APPROVED BY THE CITY ENGINEER.
32. ALL EROSION CONTROL MEASURES SHALL BE IN COMPLIANCE WITH THE LATEST EDITION OF THE CASQA STORMWATER MANAGEMENT HANDBOOK.
33. THE FOLLOWING PLANS ARE ACCURATE FOR EROSION CONTROL PURPOSES ONLY.
34. THE INFORMATION ON THIS PLAN IS INTENDED TO BE USED AS A GUIDELINE FOR THE CONTRACTOR AND SUBCONTRACTORS TO COMPLY WITH THE REQUIREMENTS OF THE STATE WATER RESOURCES CONTROL BOARD. FIELD CONDITIONS MAY NECESSITATE MODIFICATIONS TO THIS PLAN.
35. NO ONSITE FUELING SHALL TAKE PLACE.
36. SEAL OR SKIRT BETWEEN TRAILER & GRADING TO PREVENT EXPOSURE TO DRAIN.
37. STRAW WATTLE INSTALLED ON A SLOPE SHALL CONFORM TO THE GUIDELINES SPECIFIED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM BEST MANAGEMENT PRACTICES.
38. EROSION RESISTANT VEGETATION SHOULD BE MAINTAINED ON THE FACE OF ALL SLOPES.
39. A STATE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION PERMIT NOTICE OF INTENT (NOI) SHALL BE FILED WITH THE STATE WATER RESOURCES CONTROL BOARD.
40. IMPLEMENTATION OF THE RECOMMENDED EROSION CONTROL MEASURES AS SHOWN ON THESE PLANS DOES NOT ENSURE COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS, REGULATIONS, AND ORDINANCES. THE BURDEN OF COMPLIANCE RESTS SOLELY WITH THE OWNER AND DEVELOPER OF THE PROJECT.

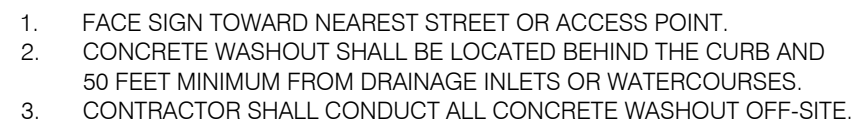


1. INTENDED FOR SHORT-TERM USE.
2. USE TO INHIBIT NON-STORM WATER FLOW.
3. ALLOW FOR PROPER MAINTENANCE AND CLEAN UP.
4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.

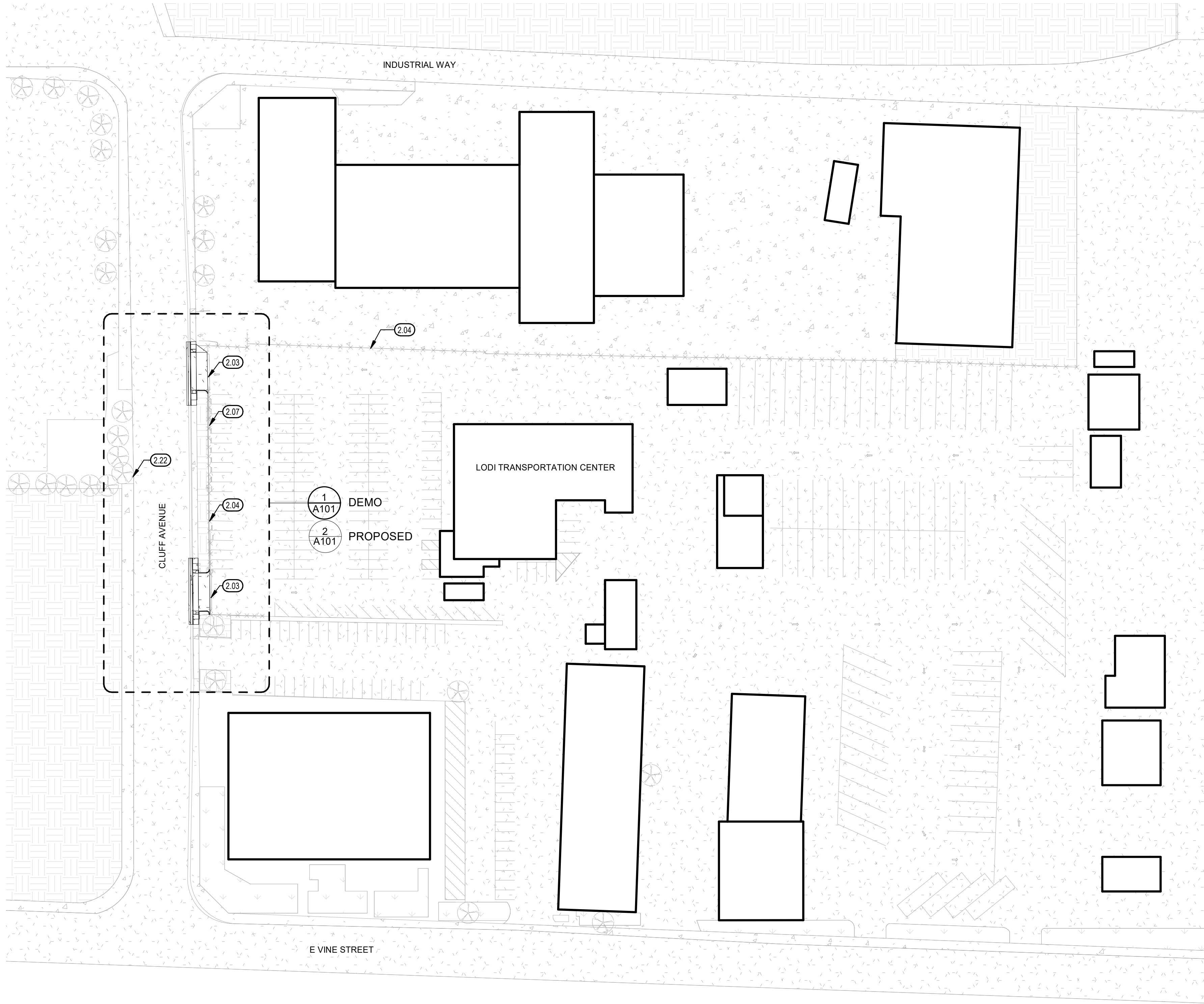
THE GRAVEL BAG BARRIER (TYPE 3) IS SHOWN IN THE FIGURES. FLOW FROM A SEVERE STORM SHOULD NOT OVERTOP THE CURB. IN AREAS OF HIGH CLAY AND SILTS, USE FILTER FABRIC AND GRAVEL AS ADDITIONAL FILTER MEDIA. GRAVEL BAGS SHOULD BE USED DUE TO THEIR HIGH PERMEABILITY.

1. USE SAND BAG MADE OF GEOTEXTILE FABRIC (NOT BURLAP) AND FILL WITH 0.75 IN. ROCK OR 0.25 IN. PEA GRAVEL.
 2. CONSTRUCT ON GENTLY SLOPING STREET.
 3. LEAVE ROOM UPSTREAM OF BARRIER FOR WATER TO POND AND SEDIMENT TO SETTLE.
 4. PLACE SEVERAL LAYERS OF SAND BAGS - OVERLAPPING THE BAGS AND PACKING THEM TIGHTLY TOGETHER.
 5. LEAVE GAP OF ONE BAG ON THE TOP ROW TO SERVE AS A SPILLWAY. FLOW FROM A SIDE STREET (E.G. 1ST STREET) SHOULD NOT OVERTOP TO THE CURB.
 6. THIS DETAIL IS TO BE USED ON EXISTING STREETS WHERE SLOPED FLOW IS TO BE INTERCEPTED (CAUGHT) PRIOR TO ENTERING THE STREET DRAIN SYSTEM.
- SANDBAGS CAN ALSO BE USED WHEN THE ROUGH GRADED STREETS HAVE NOT YET BEEN PLACED CONCRETE SURROUNDING THE INLET TO "CREATE A FLOW LINE" WHERE A DAM CAN BE ACHIEVED TO PROTECT THE STREET SYSTEM FROM THE INFLOW OF SEDIMENT.

D TYPICAL SILTSACK CONSTRUCTION



© NIS



OVERALL SITE PLAN



1" = 60'-0"

8

KEYNOTES

- 2.03 EXISTING GATE TRACK, PROTECT IN PLACE
- 2.04 EXISTING 6" CHAIN LINK FENCE, PROTECT IN PLACE
- 2.07 EXISTING 6" CHAIN LINK GATE, PROTECT IN PLACE
- 2.22 EXISTING FIRE HYDRANT, PROTECT IN PLACE

LEGEND

- (E) BUILDING TO REMAIN
- (E) A.C. PAVING TO REMAIN
- (E) CONCRETE PAVING TO REMAIN
- (E) EARTHWORK TO REMAIN
- NEW A.C. PAVING, SEE CIVIL.
- NEW CONC. PAVING, SEE CIVIL.
- (E) TREE
SEE SPECIFICATIONS FOR PROTECTION
REQUIREMENTS DURING CONSTRUCTION

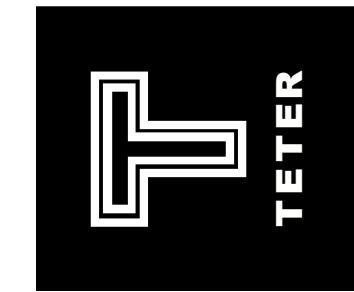
GENERAL NOTES

- A. THE CONTRACTOR SHALL ACCEPT THE SITE IN ITS PRESENT CONDITION & DEMOLISH AND/OR REMOVE FROM THE AREA OF THE PROJECT ALL STRUCTURES, BOTH SURFACE & SUBSURFACE, TREES, BRUSH, ROOTS, DEBRIS, ORGANIC MATTER, & ALL OTHER MATTER DETERMINED BY THE INSPECTOR TO BE DELETERIOUS. SUCH MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.
- B. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED & SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE & SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.
- C. EXISTING UNDERGROUND UTILITIES & IMPROVEMENTS ARE SHOWN IN THEIR APPROX. LOCATIONS BASED UPON RECORD INFO. AVAILABLE TO THE ARCHITECT AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD & NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFO. SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A), 1-800-642-2444.
- D. REFER TO CIVIL FOR UTILITY INFORMATION. CONTRACTOR TO COORDINATE ALL TRADES TO MAINTAIN PROPER CLEARANCES & AVOID CONFLICTS.

Teter, Inc. expressly reserves its common law copyright and other proprietary rights in this plan, including the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.			
MARK	DATE	DESCRIPTION	
	09/04/26	100% CDS	



TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO
ARCHITECTS ENGINEERS CONNECTED



LODI UNIFIED SCHOOL DISTRICT
TRANSPORTATION YARD DRIVEWAYS
820 CLUFF AVENUE, LODI, CA
LODI, CA

DRAWING TITLE

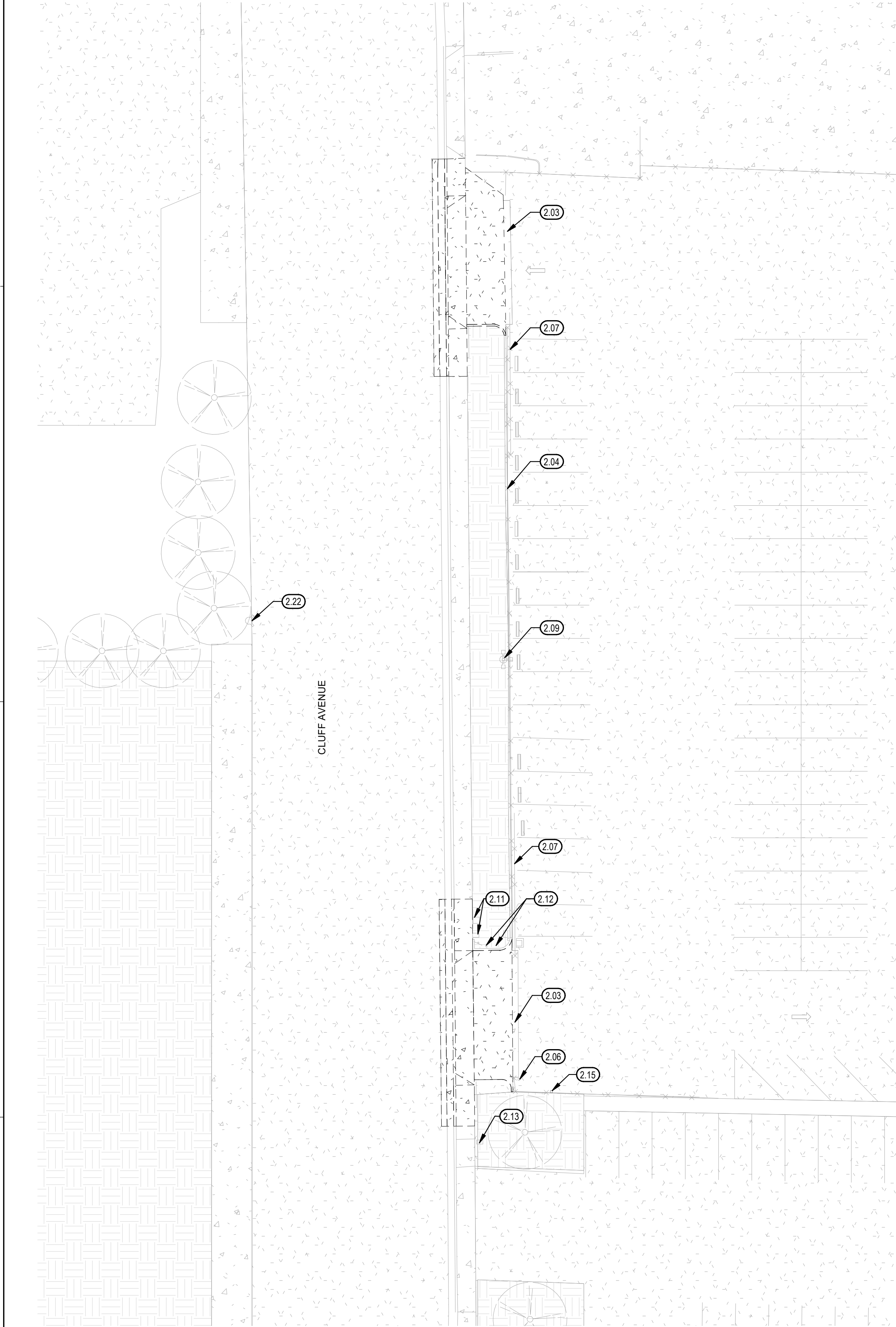
OVERALL SITE PLAN

PROJECT NO.

26-13691

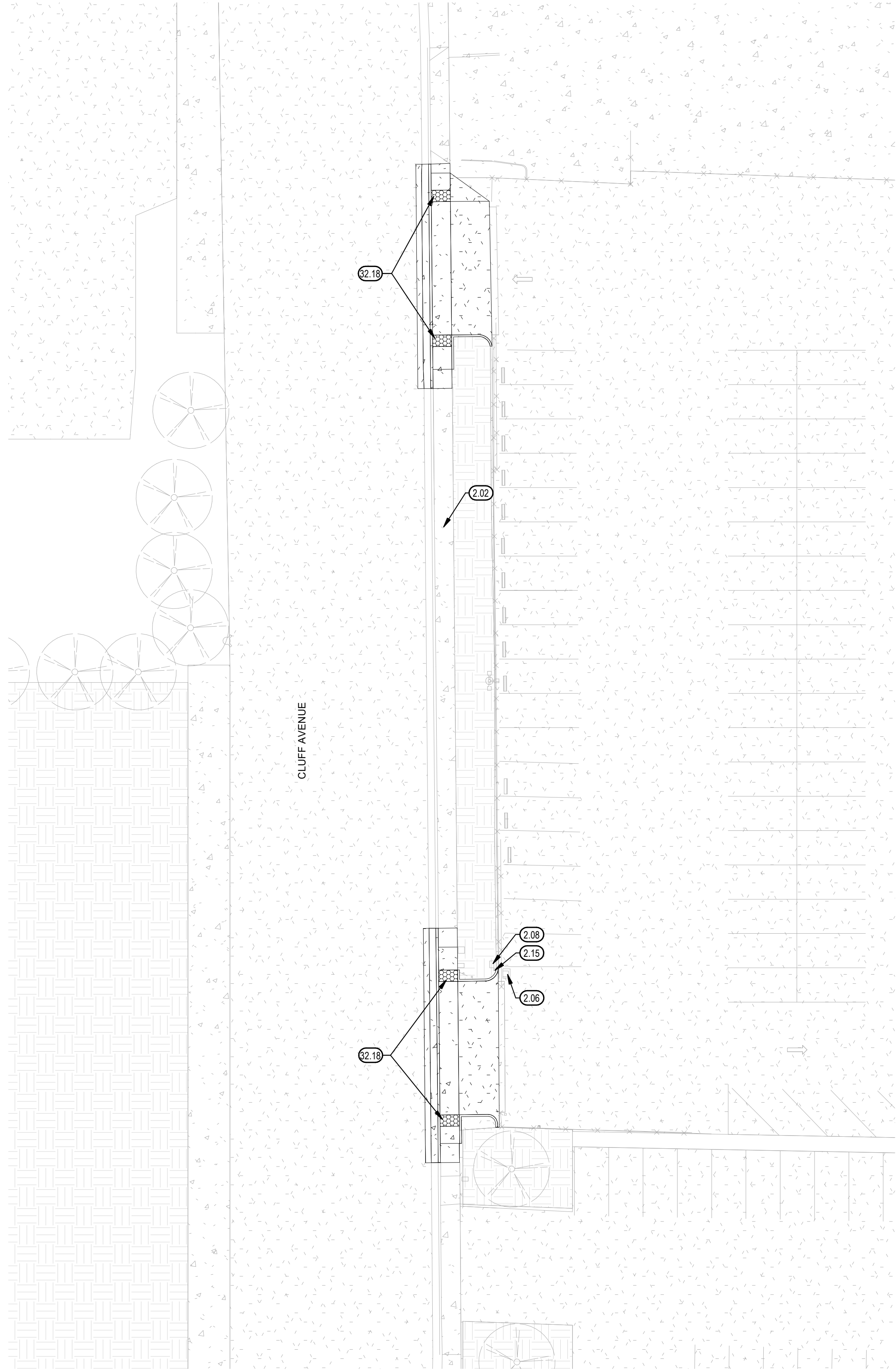
DRAWING

A100



ENLARGED SITE PLAN- DEMOLITION

1" = 20'-0" 1



ENLARGED SITE PLAN- PROPOSED

1" = 20'-0" 2

KEYNOTES

- 2.02 EXISTING CONCRETE PAVING/WALK, PROTECT IN PLACE
- 2.03 EXISTING GATE TRACK, PROTECT IN PLACE
- 2.04 EXISTING 6' CHAIN LINK FENCE, PROTECT IN PLACE
- 2.06 EXISTING GATE MOTOR, PROTECT IN PLACE
- 2.07 EXISTING 6' CHAIN LINK GATE, PROTECT IN PLACE
- 2.08 EXISTING COMMUNICATION BOX, PROTECT IN PLACE
- 2.09 EXISTING STREET LIGHT WITH JUNCTION BOX, PROTECT IN PLACE
- 2.11 EXISTING MAILBOX AND DROP BOX, PROTECT IN PLACE
- 2.12 EXISTING ALARM AND KEYPAD POSTS, PROTECT IN PLACE
- 2.13 EXISTING MAILBOX, PROTECT IN PLACE
- 2.15 EXISTING JUNCTION BOX, PROTECT IN PLACE
- 2.22 EXISTING FIRE HYDRANT, PROTECT IN PLACE
- 32.18 TRUNCATED DOMES, SEE CIVIL

LEGEND

- (E) A.C. PAVING TO REMAIN
- (E) CONCRETE PAVING TO REMAIN
- (E) EARTHWORK TO REMAIN
- A.C. PAVING TO BE REMOVED
- CONCRETE PAVING TO BE REMOVED
- NEW A.C. PAVING, SEE CIVIL
- NEW CONCRETE PAVING, SEE CIVIL
- (E) TREE
SEE SPECIFICATIONS FOR PROTECTION
REQUIREMENTS DURING CONSTRUCTION

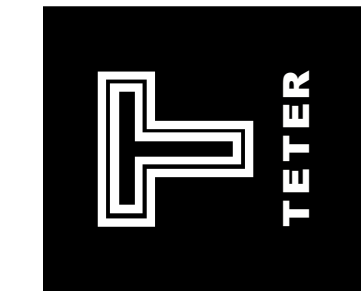
LODI UNIFIED SCHOOL DISTRICT
TRANSPORTATION YARD DRIVEWAYS
820 CLUFF AVENUE, LODI, CA
LODI, CA

PROJECT NO.

26-13691

DRAWING

A101



TETER, INC.

FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO

ARCHITECTS ENGINEERS CONNECTED



1	Date	Revision
MARK	DATE	DESCRIPTION
	09/04/26	100% CDS

Teter, Inc. expressly reserves its common law copyright and other proprietary rights in this project. Teter, Inc. is not responsible for any use of the ideas and designs incorporated herein, as an instrument of professional service, in whole or in part, for any other project without prior written authorization.