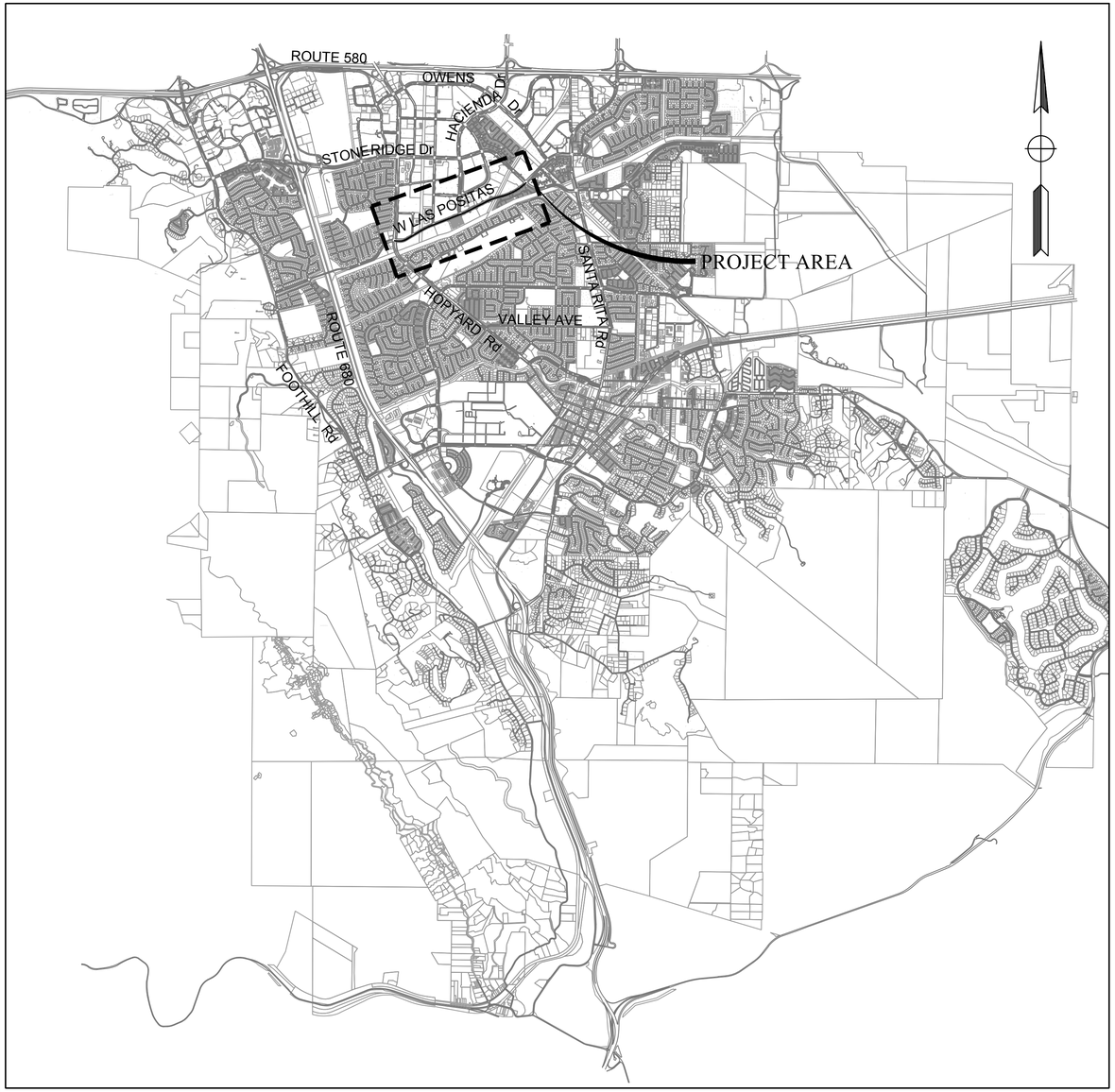
CITY OF PLEASANTON

PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION

WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT - CIP NO. 11514
PHASE 1 - HOPYARD ROAD TO STONERIDGE DRIVE, MAY 2025



LOCATION MAP
NOT TO SCALE

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PG&E GAS	ANDREW VILAR	N/A
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ARSALAN GHARACHORLOO, PE
CA 90101, EXP 06/30/2027
MARK THOMAS

DATE

REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
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ACCEPTANCE OF PLANS

ADAM M. NELKIE, PE
CA 78830, EXP 09/30/2025
CITY ENGINEER
CITY OF PLEASANTON

DATE

REGISTERED PROFESSIONAL ENGINEER
ADAM M. NELKIE
NO 78830
CIVIL
STATE OF CALIFORNIA

95% PLANS (NOT FOR CONSTRUCTION)

REV.	DATE	DESCRIPTION

THE CITY OF PLEASANTON

CITY OF PLEASANTON
PUBLIC WORKS DEPARTMENT

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT

DESIGN:	R. WOOLDRIDGE
DRAWN:	E. LAPPEN
CHECKED:	D. BLOMQUIST
TRAFFIC ENGINEER:	

SCALE:	AS SHOWN
PROJECT NO.:	CIP No.11514
DATE:	MAY 2025

DWG NO. **T-1**

1 OF 230

J:\Pleasanton-22-00132-W Las Positas Improvements\CADD\Sheets\WLP_T-1.dwg\5-30-25 04:33pm mhayashi

GENERAL NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE JULY 2024 CITY OF PLEASANTON STANDARD SPECIFICATIONS AND DETAILS AND THE 2024 EDITION OF THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS AND STANDARD PLANS.
2. FIELD CHANGES SHALL BE APPROVED BY THE CITY PRIOR TO IMPLEMENTING OR AS ORDERED BY THE CITY. NO PAYMENT WILL BE MADE FOR FIELD CHANGES NOT AUTHORIZED BY THE CITY AND UNAUTHORIZED WORK IS SUBJECT TO REMOVAL AS DIRECTED BY THE CITY.
3. CONTRACTOR SHOULD NOTIFY THE CITY OF INCOMPLETE, INCONSISTENT, OR INCORRECT REQUIREMENTS IN THE CONTRACT DOCUMENT AND SHALL REQUEST CLARIFICATION IN WRITING FROM THE CITY PRIOR TO COMMENCING WORK.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPLACE STREET MONUMENTS OR LOT LINE CORNER PIPES DISTURBED DURING CONSTRUCTION. IF A STREET MONUMENT HAS THE POTENTIAL OF BEING DISTURBED, THE MONUMENT SHALL BE SURVEYED TO LOCATE PRECISELY PRIOR TO WORK AND A CORNER RECORD FILED WITH THE COUNTY SURVEYOR (PER SECTION B773.2 OF THE PUBLIC LAND SURVEYORS ACT) AS REQUIRED BY THE SUBDIVISION MAP ACT TO PRESERVE THE LOCATION OF STREET MONUMENTS OR CORNER PIPE. THE CONTRACTOR, AT ITS EXPENSE, SHALL HIRE A CALIFORNIA LICENSED PROFESSIONAL LAND SURVEYOR TO PERFORM THE WORK.

SAFETY:

1. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE THROUGH THE CONSTRUCTION DURATION INCLUDING SAFETY OR PERSONS AND PROPERTY, AND FOR OBTAINING NECESSARY CITY REVIEWS OF THE CONDITIONS. THE CITY'S JOB SITE REVIEW DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE OR INJURIES RESULTING FROM THE CONTRACTOR'S OPERATIONS AND/OR MATERIALS AND EQUIPMENT STORED IN STAGING AREAS. THE CITY IS NOT RESPONSIBLE FOR SECURING THE CONTRACTOR'S EQUIPMENT AND WORK SITES.
3. NOT ALL UTILITY SERVICE LATERALS ARE SHOWN ON THE PLANS. THOSE THAT ARE SHOWN MAY NOT BE SHOWN IN THEIR TRUE LOCATIONS. CONTRACTOR SHALL COORDINATE WITH USA TO FIELD LOCATE SERVICE LATERALS AND USE EXTREME CAUTION WHEN WORKING IN THE VICINITY OF GAS, TELECOMMUNICATION, AND ELECTRIC SERVICE LINES.
4. THE WORK MAY INCLUDE CONFINED SPACE ENTRY. CONTRACTOR SHALL IMPLEMENT OSHA AND OTHER PERTINENT SAFETY AND HEALTH REQUIREMENTS.

COORDINATION:

1. THE CONTRACTOR SHALL CONTAIN ITS OPERATIONS WITHIN THE PUBLIC RIGHT-OF-WAY AND SITE WORK AREA LIMITS SHOWN AND IN ACCORDANCE WITH THE CONDITIONS OF ITS ENCROACHMENT PERMIT.
2. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT IN THE PUBLIC RIGHT-OF-WAY SHALL NOT BE PERMITTED UNLESS COORDINATED AND APPROVED BY THE CITY.
3. THE CONTRACTOR SHALL NOTIFY ALL RESIDENTS AND BUSINESSES ADJACENT TO THE PROJECT SITE AT LEAST 2 WEEKS, FORTY-EIGHT (48) HOURS, AND IMMEDIATELY PRIOR TO THE START OF CONSTRUCTION IN A PARTICULAR AREA. THE NOTIFICATION SHALL INCLUDE EXPECTED DATES OF THE WORK, CONTACT INFORMATION FOR THE GENERAL CONTRACTOR, AND A BRIEF DESCRIPTION OF THE WORK. THE NOTIFICATION SHALL BE SUBMITTED TO THE CITY FOR REVIEW.
4. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING THE REQUIRED INSPECTIONS. THE PRESENCE OR ABSENCE OF THE INSPECTOR WILL NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE PROPER PERFORMANCE OF THE WORK.
5. THE CONTRACTOR SHALL COORDINATE ITS WORK PLANS AND SCHEDULE WITH THE POLICE DEPARTMENT, FIRE DEPARTMENT, SCHOOL DISTRICT, TRANSIT/GARBAGE AGENCIES, POST OFFICE.

TRAFFIC CONTROL:

1. THE CONTRACTOR SHALL IMPLEMENT TRAFFIC CONTROL AS SPECIFIED IN THE SPECIAL PROVISIONS AND MEETING THE REQUIREMENTS OF THE CITY ENCROACHMENT PERMIT.
2. THE CONTRACTOR SHALL CONDUCT ITS OPERATIONS TO ALLOW TRAFFIC TO PASS IN BOTH DIRECTIONS AS SPECIFIED AND REQUIRED IN THE ENCROACHMENT PERMIT. AT INTERSECTIONS, TRAFFIC CONTROL PLANS SHALL PROVIDE FOR THROUGH, LEFT AND RIGHT TURN MOVEMENTS IN EACH DIRECTION.
3. TRAFFIC CONTROL PLANS SHALL INCLUDE PROVISIONS FOR DRIVEWAY ACCESS, PEDESTRIANS, BICYCLISTS AND AMERICANS WITH DISABILITIES ACT REQUIREMENTS.
4. SIDEWALKS TO REMAIN OPEN AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

ACCESS AND STAGING:

1. THE CONTRACTOR SHALL RESTORE ALL AREAS AFFECTED BY CONSTRUCTION TO THEIR ORIGINAL OR BETTER CONDITION AS DETERMINED BY THE CITY EXCEPT WHERE SHOWN OTHERWISE. LANDSCAPE AND IRRIGATION COMPONENTS DAMAGED BY CONTRACTOR ACTIVITY SHALL BE REPAIRED OR REPLACED IN ACCORDANCE WITH CITY STANDARD SPECIFICATIONS, TO THE SATISFACTION OF THE CITY WITHIN 24 HOURS.

REMOVING CONCRETE:

1. CONCRETE REMOVAL INCLUDES REMOVAL OF ANY STEEL EMBEDDED IN THE CONCRETE.
2. BEFORE REMOVING A PORTION OF A MONOLITHIC CONCRETE ELEMENT, MAKE A 1.5-INCH-DEEP SAW CUT TO A TRUE LINE ALONG THE LIMITS OF REMOVAL ON FACES OF THE ELEMENT THAT WILL BE VISIBLE IN THE COMPLETED WORK.
3. WHERE NEW CONCRETE IS TO JOIN EXISTING CONCRETE, REMOVE ENOUGH CONCRETE TO ALLOW SPLICING OF NEW REINFORCEMENT.

PIPE INSTALLATION:

1. PIPE SHALL BE INSTALLED WITH A MINIMUM COVER OF 42" AND UP TO 54" FROM THE FINISHED GROUND SURFACE, UNLESS NOTED OTHERWISE.
2. CONSTRUCT PIPE TRENCH AND BEDDING PER CITY STD DETAIL 113.
3. THE CONTRACTOR SHALL INSTALL THRUST RESTRAINT COMPONENTS AT ALL FITTINGS AND BENDS. ENTIRE PIPE IS RESTRAINED WITH INTERNAL LOCKING RESTRAINTS.
4. UTILITY CLEARANCE: UNLESS OTHERWISE NOTED, ADJUST PIPELINE PROFILE TO PROVIDE A MINIMUM 12" VERTICAL CLEARANCE AT UNDERGROUND UTILITY CROSSINGS.
5. THE CONTRACTOR SHALL KEEP COMPLETE AND ACCURATE RECORD DRAWINGS OF THE WORK, UTILITY POTHOLE DATA, AND EXISTING CONDITIONS THAT CHANGED OR ARE DIFFERENT THAN SHOWN ON THE PLANS. UPON COMPLETION OF THE WORK, THE CONTRACTOR'S RECORD DRAWINGS SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND COMMENT.
6. CONTRACTOR SHALL PLACE UTILITY BOXES AND ASSOCIATED PIPING AT LOCATIONS AS INDICATED ON THE DRAWINGS. IF A CONFLICT EXISTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY AND WORK TO RELOCATE UTILITY BOX AND PIPING IN THE GENERAL VICINITY AS SHOWN ON THE DRAWINGS.
7. THERE ARE LARGE TREES LOCATED ALONG THE ROADWAYS WHERE THE PIPELINE IS TO BE INSTALLED. THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION WALK WITH THE CITY AND ITS ARBORIST TO DETERMINE WHICH TREES AND WHICH SPECIFIC TREE BRANCHES MAY BE TRIMMED IN ORDER TO FACILITATE THE WORK.
8. PRIOR TO STAKING AND INITIAL SAWCUT FOR THE PIPE TRENCH, THE CONTRACTOR SHALL VALIDATE THE ALIGNMENT AND PROFILE AS REQUIRED BY THE SPECIAL PROVISIONS.
9. PIPE DEFLECTIONS ARE CALLED OUT TO THE NEAREST 11.25"BEND. WHEN BENDS ARE NOT CALLED OUT, THE CONTRACTOR SHALL UTILIZE JOINT DEFLECTIONS BOTH IN THE VERTICAL AND HORIZONTAL DIRECTION PER MCSD 317.
10. ALL FITTINGS ARE RESTRAINED MECHANICAL JOINT TYPE UNLESS OTHERWISE NOTED.
11. RESTRAINED FITTINGS SHALL BE USED AT ALL TIE-IN WORK TO FACILITATE LIMITED SHUTDOWNS.
12. THRUST BLOCKS ONLY SHOWN IN DETAILS AND IDENTIFIED IN PLAN VIEW FOR CLARITY. THE CONTRACTOR SHALL INSTALL CONCRETE THRUST BLOCKS AT ALL FITTINGS GREATER THAN OR EQUAL TO 22.5' PER MCSD 311. THIS ALSO INCLUDES TEES AND CROSSES.
13. THE CONTRACTOR SHALL PROVIDE TEMPORARY BLOWOFFS FOR PIPELINE FLUSHING OPERATIONS MEETING AWWA STANDARDS FOR SCOUR VELOCITIES. THE CONTRACTOR SHALL SUBMIT SIZING DETAILS AS PART OF THEIR FLUSHING / DISINFECTION PLAN.

EXISTING UTILITIES, BURIED STRUCTURES AND FEATURES:

1. EXISTING UTILITIES SHOWN ARE BASED UPON AVAILABLE RECORD INFORMATION AND ARE APPROXIMATE IN LOCATION AND DEPTH. THE CONTRACTOR SHALL SUPPORT CROSSING AND PARALLEL EXISTING UTILITIES EXPOSED DURING CONSTRUCTION.
2. NOT ALL UTILITY SERVICE LATERALS ARE SHOWN IN THE PLANS. THOSE THAT ARE SHOWN MAY NOT BE SHOWN AT THEIR TRUE LOCATIONS.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF EXISTING UTILITIES VIA UNDERGROUND SERVICE AND COMMUNICATE WITH THE APPROPRIATE UTILITY AGENCIES OR POTHOLING PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
4. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING ADJACENT TO OVERHEAD AND UNDERGROUND UTILITIES. DAMAGE TO UTILITIES, INCLUDING SERVICES AND LATERALS, RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPORTED IMMEDIATELY TO THE CITY AND UTILITY OWNER, AND SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY. COSTS INCURRED BY UTILITY SERVICE INTERRUPTION RESULTING FROM THE CONTRACTOR'S OPERATION SHALL ALSO BE ENTIRELY REIMBURSED BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL USA AND CONSTRUCTION MARKINGS BY CLEANING WITH A PRESSURE WASHER OR OTHER APPROVED METHOD AT THE COMPLETION OF WORK ON ANY STREET BLOCK.
6. THE CONTRACTOR SHALL COORDINATE WITH OWNERS OF EXISTING UTILITIES WHEN WORKING IN THE VICINITY OF THOSE UTILITIES.
7. THE CONTRACTOR SHALL PERFORM WORK IN THE VICINITY OF EXISTING UTILITIES AS SHOWN AND SPECIFIED AND IN CONFORMANCE WITH UTILITY OWNER REQUIREMENTS. EARLY COORDINATION WITH UTILITY OWNERS IS REQUIRED.
8. OVERHEAD UTILITIES/WIRES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL OBSERVE, USE CAUTION, AND MAKE PROVISION AS NEEDED TO PERFORM CONSTRUCTION WORK WITHOUT DAMAGE TO THE UTILITIES.

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STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY:
DRAWN BY:

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
GENERAL NOTES AND ABBREVIATIONS

SCALE:	DATE:	PIN:		SHEET:
NO SCALE	5/30/2025	22-20106	GN-1	2 OF 230

EXCAVATION AND PAVEMENT RESTORATION:

1. THE CONTRACTOR SHALL SELECT VEHICLES AND EQUIPMENT THAT MINIMIZE DAMAGE TO THE EXISTING PAVEMENT ALONG THE PROJECT SITE AND TO ROADS USED AS TRUCK ROUTES TO BRING MATERIAL AND EQUIPMENT TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING PAVEMENTS DAMAGED BY THE CONTRACTOR'S ACTIVITIES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AT NO ADDITIONAL COST TO THE CITY.
2. PAVEMENT SHALL BE SAW CUT PRIOR TO THE INSTALLATION OF THE PAVEMENT PATCH. ROUGH EDGES THAT DEVELOP DURING CONSTRUCTION SHALL BE SAW CUT BACK TO UNDAMAGED PAVEMENT PRIOR TO INSTALLATION OF PAVEMENT PATCH. ADDITIONAL TRENCH WIDTH BEYOND THE MAXIMUM SHOWN IN THE STANDARD TRENCH DETAIL SHALL BE BACKFILLED AND PAVED AT NO ADDITIONAL COST TO THE CITY.
3. TRENCHES AND EXCAVATIONS SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE APPLICABLE SECTIONS OF CALIFORNIA AND FEDERAL OSHA REQUIREMENTS AND OTHER APPLICABLE SAFETY ORDINANCES. CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR TRENCH AND EXCAVATION SHORING DESIGN AND APPLICATION.
4. SURPLUS AND UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE PUBLIC RIGHT- OF-WAY AND PROJECT SITE, AND PROPERLY DISPOSED OF BY THE CONTRACTOR BEFORE THE END OF DAY.
5. DIMENSIONS FOR EXISTING STRUCTURES ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY DIMENSIONS AND CONDITIONS AND REPORT DISCREPANCIES TO THE CITY AT LEAST 5 DAYS IN ADVANCE OF CONSTRUCTION IN THE AREA.
6. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS NOT DESIGNATED FOR DEMOLITION OR REMOVAL AND REPLACEMENT. DAMAGED EXISTING IMPROVEMENTS AND THOSE IMPROVEMENTS THAT HAVE BEEN REMOVED OR TEMPORARILY RELOCATED SHALL BE RESTORED BY THE CONTRACTOR TO A CONDITION EQUAL TO OR BETTER THAN ITS CONDITION PRIOR TO CONSTRUCTION. IMPROVEMENTS DESIGNATED FOR DEMOLITION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. DAMAGE TO THE ADJACENT IMPROVEMENTS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NOT ADDITIONAL COST TO THE CITY AND TO THE SATISFACTION OF THE CITY.
7. THE CONTRACTOR SHALL KEEP THE STREET AND WORK SITE CLEAN AND FREE FROM RUBBISH AND DEBRIS. THIS REQUIRES PREVENTING SPILLAGE ON HAUL ROUTES, CLEANING UP SPILLAGE, SWEEPING STREETS OF MUD, DIRT AND DEBRIS THAT ARE A RESULT OF THE CONTRACTOR'S WORK, AND KEEPING THE WORK SITE IN A CLEAN AND NEAT APPEARANCE. SPILLAGE ON HAUL ROUTES SHALL BE IMMEDIATELY REMOVED AND CLEANED UP. WHEN ORDERED BY THE CITY, THE CONTRACTOR SHALL CLEAN UP THE WORK SITE IMMEDIATELY AFTER RECEIVING NOTICE.
8. THE CONTRACTOR SHALL BACKFILL TRENCHES WITH SPECIFIED BACKFILL MATERIALS AND PAVE BACK THE TRENCH EACH DAY. TRENCH PLATES SHALL HAVE A NON--SKID COATING. TRENCH PLATES SHALL ALSO BE ANCHORED TO PREVENT SHIFTING AND WEDGED TO MINIMIZE RATTLING AND NOISE. CUTBACK SHALL BE PROVIDED AROUND THE TRENCH PLATES AS NEEDED TO PREVENT TIRE DAMAGE.
9. NO MORE THAN 50 FEET OF TRENCH MAY BE COVERED WITH TRENCH PLATES AT ANY ONE LOCATION UNLESS APPROVED BY THE CITY OR NOTED OTHERWISE. ALL TRENCH PLATES TO REMAIN AT THE END OF THE DAY IN PEDESTRIAN AREAS OR IN PLACE FOR MORE THAN 48 HOURS SHALL BE FLUSH WITH THE PAVEMENT SURFACE.
10. THE CONTRACTOR SHALL LIMIT TRENCH PLATES ON SIDEWALKS TO NO MORE THAN 4 CALENDAR DAYS AND RESTORE SIDEWALKS BY FRIDAY OF EACH WEEK, WHICHEVER COMES FIRST.
11. THE CONTRACTOR SHALL PROVIDE DUST CONTROL DURING CONSTRUCTION. DUST CONTROL SHALL BE AS REQUIRED IN THE CONTRACT SPECIFICATIONS. DUST CONTROL OPERATIONS SHALL NOT RESULT IN DUST DEPOSITS ON ADJACENT PROPERTIES. ANY DAMAGE TO EXISTING PROPERTIES IS THE CONTRACTOR'S RESPONSIBILITY.
12. THE CONTRACTOR SHALL REPLACE PAVEMENT MARKERS, MARKINGS AND STRIPES DAMAGED OR DISTURBED BY CONSTRUCTION ACTIVITIES.
13. THE CONTRACTOR SHALL PERFORM ITS CONSTRUCTION AND OPERATIONS IN A MANNER THAT WILL NOT ALLOW HARMFUL POLLUTANTS TO ENTER THE STORM DRAIN SYSTEM AND CREEKS. TO ENSURE COMPLIANCE, THE CONTRACTOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES AS OUTLINED IN THE STORM WATER BEST MANAGEMENT PRACTICES HANDBOOK, ISSUED BY THE CALIFORNIA STORM WATER QUALITY ASSOCIATION. EROSION CONTROL METHODS SHALL BE IMPLEMENTED BY THE CONTRACTOR AT DISTURBED UNPAVED AREAS

ABBREVIATIONS:

AC	ASPHALT CONCRETE
AB	AGGREGATE BASE
AITS	ALTERNATIVE IN-LINE TERMINAL SYSTEM
AP	ANGLE POINT
APS	ACCESSIBLE PEDESTRIAN SIGNAL
BC	BEGIN CURVE
Beg	BEGIN
BL	BIKE LANE
BOC	BACK OF CURB
BOW	BACK OF WALK
BSM	BIOFILTRATION SOIL MEDIA
C&G	CURB & GUTTER
CG&SW	CURB, GUTTER, & SIDEWALK
~C	CENTER LINE
CL	CHAIN LINK
CLII	CLASS 2
Conc	CONCRETE
CONST	CONSTRUCT
COP	CITY OF PLEASANTON
CP	CONTROL POINT
CR	CURB RAMP
DI	DRAINAGE INLET
DIA	DIAMETER
DG	DECOMPOSED GRANITE
DWY	DRIVEWAY
DTL	DETAIL
EA	EACH
EB	ELECTRIC BOX
EC	END CURVE
ECR	END CURB RETURN
EL	ELEVATION
EMBANK	EMBANKMENT
ENGR	ENGINEER
EP	EDGE OF PAVEMENT
ES	EDGE OF SLIPOUT
Exist	EXISTING
EVC	END VERTICAL CURVE
EXC	EXCAVATION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOWLINE
FOC	FACE OF CURB
FOW	FACE OF WALK
GB	GRADE BREAK
GR	GRIND
GRAV	GRAVEL
GRD	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
HDWL	HEADWALL
HMA	HOT MIXED ASPHALT
HP	HIGH POINT
HT	HEIGHT
HWY	HIGHWAY
INV	INVERT
JP	JOINT POLE
LIP	LIP OF GUTTER
LOL	LAYOUT LINE
LP	LOW POINT
LS	LANDSCAPE
LT	LEFT OF CONTROL LINE
LTB	LIME TREATED BASE
MBGR	METAL BEAM GUARD RAIL
MH	MANHOLE
MIN	MINIMUM
Mod	MODIFIED
Mon	MONUMENT
MUT	MULTI-USE TRAIL
OG	ORIGINAL GRADE
PCC	PORTLAND CEMENT CONCRETE
PED	PEDESTRIAN
PG	PROFILE GRADE
PL	PROPERTY LINE
PM	POST MILE
PRVC	POINT OF REVERSE VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
P/L	PROPERTY LINE
PSE	PUBLIC SERVICE EASEMENT
PT	POINT
PVC	POLYETHYLENE VINYL PIPE
PVMT	PAVEMENT
RC	RETAINING CURB
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RDWD	REDWOOD
RECONST	RECONSTRUCT
REF	REFERENCE
REINF	REINFORCED
REM	REMOVE
RET	WALL/RW RETAINING WALL
RRFB	RECTANGULAR RAPID FLASHING BEACON
RSP	ROCK SLOPE PROTECTION
RT	RIGHT OF CONTROL LINE
R/W	RIGHT OF WAY
S	SLOPE
SAW	SAWCUT
SD	STORM DRAIN
SDDI	STORM DRAIN DROP INLET
SDMH	STORM DRAIN MANHOLE
SSMH	STORM SEWER MANHOLE
SEC	SECTION
SHT	SHEET
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
ST LT	STREET LIGHT
SW	SIDEWALK
TBC	TOP BACK OF CURB
TC	TOP OF CURB
TCE	TEMPORARY CONSTRUCTION EASEMENT
TOF	TOP OF FOOTING
TOW	TOP OF WALL
TP	TOP OF PAVEMENT
TR	TRANSITION RAILING
TS	TRAFFIC SIGNAL
TYP	TYPICAL
UG	UNDERGROUND
UTIL	UTILITY
VAR	VARIES
VC	VERTICAL CURVE
W	WATER
WLP	WEST LAS POSITAS
WM	WATER METER
WV	WATER VALVE

LINE TYPE LEGEND:

DESCRIPTION	EXISTING	PROPOSED
SANITARY SEWER	--s--	--S--
STORM DRAIN	--sd--	--SD--
WATER MAIN	--w--	--W--
GAS MAIN	--gs--	
ELECTRICAL	--e--	
ELECTRICAL - OVERHEAD	--e--(oh)--	
TELECOMMUNICATION	--tc--	
TELECOMMUNICATION - OVERHEAD	--tc--(oh)--	
CABLE TELEVISION	--tv--	
CABLE TELEVISION - OVERHEAD	--tv--(oh)--	
FIBER OPTIC	--fo--	

SYMBOLS LEGEND:

DESCRIPTION	EXISTING	PROPOSED
MANHOLE		
UTILITY VALVE		
DRAIN INLET		
FIRE HYDRANT (FH)		
STREET LIGHT		
ELECTRICAL POLE		
SIGNAL LIGHT		
TRAFFIC SIGNAL	TS	TS
UTILITY BOX	UB	UB
UTILITY POLE		

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95% PLANS (NOT FOR CONSTRUCTION)

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THE CITY OF PLEASANTON

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY:
DRAWN BY:

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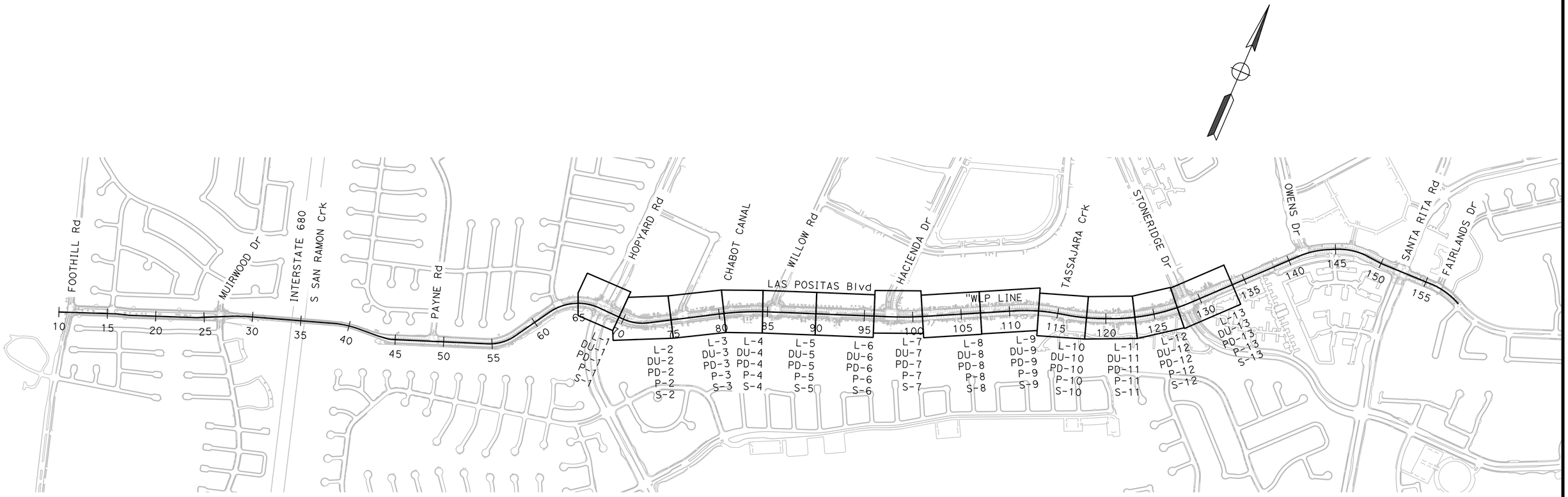
NO SCALE	5/30/2025	22-20106	GN-2	3 OF 230



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0 250 500

SCALE: 1"=500'

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NO.	DATE	DESCRIPTION	APPROVED

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DRAWN BY: ALAN MILLAR

CITY OF PLEASANTON

WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT

CIP#11514

KEY MAP

SCALE:	DATE:	PIN:		SHEET:
1"=500'	5/30/2025	22-20106	K-1	4 OF 230

LEGEND:

CONTROL POINT

CONTROL POINT NUMBER

HORIZONTAL DATUM

COORDINATES SHOWN ON THIS SURVEY ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM 1983 (2011), ZONE 3, EPOCH 2017.50, AS ESTABLISHED USING THE FOLLOWING CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) STATIONS: P225, P230 AND ZOA1.

VERTICAL DATUM

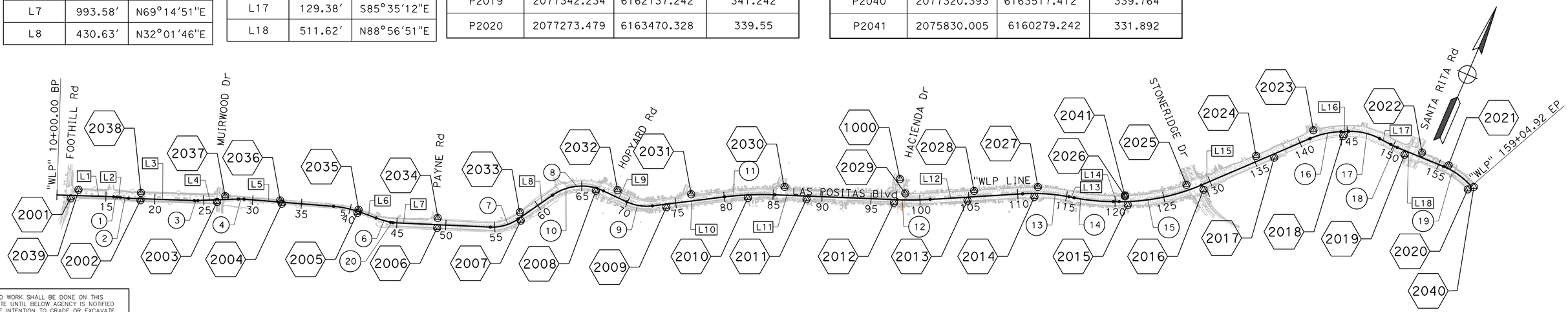
NAVD88 ELEVATIONS BASED ON GPS OBSERVATIONS, AS ESTABLISHED USING THE FOLLOWING CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) STATIONS: P225, P230 AND ZOA1.

ALIGNMENT LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	578.75′	N68°31′16"E
L2	33.33′	N72°43′42"E
L3	673.45′	N68°36′28"E
L4	413.53′	N64°33′48"E
L5	916.62′	N71°16′11"E
L6	169.46′	N86°40′36"E
L7	993.58′	N69°14′51"E
L8	430.63′	N32°01′46"E
L9	264.05′	S88°20′25"E
L10	740.47′	N59°34′25"E
L11	728.59′	N68°55′38"E
L12	946.70′	N63°11′27"E
L13	51.57′	N77°33′23"E
L14	58.76′	N67°02′06"E
L15	1207.88′	N43°31′16"E
L16	78.52′	N64°45′47"E
L17	129.38′	S85°35′12"E
L18	511.62′	N88°56′51"E

POINT #	NORTHING	EASTING	ELEVATION
P1000	2075073.093	6158105.68	331.911
P2001	2071539.104	6150408.979	411.278
P2002	2071802.675	6151069.759	370.77
P2003	2072096.704	6151795.09	330.318
P2004	2072341.826	6152408.913	354.996
P2005	2072561.657	6153154.941	339.864
P2006	2072744.296	6153963.042	322.097
P2007	2073150.128	6154717.796	325.506
P2008	2073732.983	6155301.124	329.775
P2009	2073864.364	6156028.321	327.124
P2010	2074280.673	6156755.123	326.847
P2011	2074507.334	6157310.44	326.289
P2012	2074827.545	6158144.177	328.947
P2013	2075145.388	6158824.584	330.428
P2014	2075449.954	6159437.554	331.055
P2015	2075751.506	6160344.943	332.167
P2016	2076201.125	6160993.766	332.006
P2017	2076788	6161527.252	343.719
P2018	2077270.348	6162087.035	338.589
P2019	2077342.234	6162737.242	341.242
P2020	2077273.479	6163470.328	339.55

POINT #	NORTHING	EASTING	ELEVATION
P2021	2077420.097	6163193.165	341.372
P2022	2077433.08	6162892.549	343.135
P2023	2077202.202	6161783.454	337.8
P2024	2076730.952	6161350.218	341.392
P2025	2076177.77	6160814.555	332.807
P2026	2075821.432	6160284.913	331.942
P2027	2075556.859	6159430.93	331.219
P2028	2075262.444	6158847.97	330.626
P2029	2074960.821	6158212.321	329.244
P2030	2074532.496	6157054.349	326.934
P2031	2074086.091	6156209.035	326.139
P2032	2073827.819	6155502.173	328.039
P2033	2073226.026	6154675.479	325.511
P2034	2072838.41	6153928.123	323.35
P2035	2072595.931	6153152.996	338.932
P2036	2072365.539	6152379.941	353.665
P2037	2072183.247	6151847.755	330.216
P2038	2071874.752	6151043.741	367.286
P2039	2071650.312	6150446.34	407.235
P2040	2077320.393	6163517.412	339.764
P2041	2075830.005	6160279.242	331.892

CURVE DATA				
No. X	R	Δ	T	L
1	500.00′	004°12′26"	18.37′	36.71′
2	1600.00′	002°02′00"	28.39′	56.78′
3	500.00′	004°02′40"	17.65′	35.29′
4	500.00′	006°42′22"	29.29′	58.52′
5	1050.00′	015°24′25"	142.03′	282.35′
6	1430.00′	006°08′30"	76.72′	153.29′
7	460.00′	037°13′05"	154.89′	298.81′
8	522.00′	059°37′49"	299.14′	543.27′
9	480.00′	032°05′10"	138.03′	268.80′
10	522.00′	059°37′49"	299.14′	543.27′
11	3150.00′	009°21′13"	257.69′	514.24′
12	3300.00′	005°50′09"	168.20′	336.12′
13	1900.00′	014°21′56"	239.45′	476.38′
14	2200.00′	010°31′17"	202.56′	403.99′
15	2100.00′	023°30′51"	437.07′	861.83′
16	875.00′	021°14′32"	164.09′	324.40′
17	635.00′	029°39′00"	168.07′	328.61′
18	750.00′	005°27′56"	35.80′	71.55′
19	746.00′	026°54′31"	178.47′	350.35′
20	140.00′	011°17′15"	13.83′	27.58′



NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
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642-2444
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95% PLANS (NOT FOR CONSTRUCTION)

0 250 500
SCALE: 1"=500′

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: S. ZIMMERMAN
DRAWN BY: M. TALAMAIVAO

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
PROJECT CONTROL

SCALE:	DATE:	PIN:		SHEET:
1"=500′	5/30/2025	22-20106	PC-1	5 OF 230

NOTES:

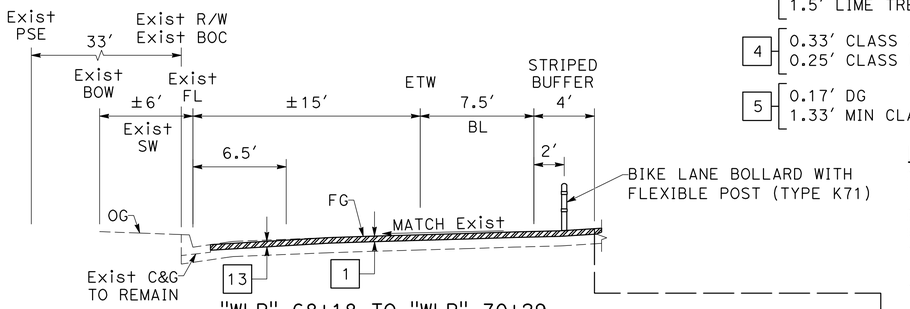
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT CITY OF PLEASANTON.
2. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THIS STANDARD SPECIFICATIONS.
3. FOR LIMITS OF BIKE LANES, DRIVEWAYS, BIORETENTION AREAS, C&G, AND CURB RAMPS, SEE LAYOUT AND CONSTRUCTION DETAILS SHEETS.
4. SIDEWALK SHALL BE CONSTRUCTED PER CITY OF PLEASANTON STD DWG 101.
5. CURB AND GUTTER SHALL BE CONSTRUCTED PER CITY OF PLEASANTON STD DWG 101 AND DETAIL SHOWN ON SHEET C-X.
6. BUS STOP PULLOUTS SHALL BE CONSTRUCTED PER CITY OF PLEASANTON STD DWG 133.
7. FOR LIMITS OF COMPACTION GROUT TREATMENT, SEE LAYOUT SHEETS.

TYPICAL PAVEMENT STRUCTURAL SECTIONS

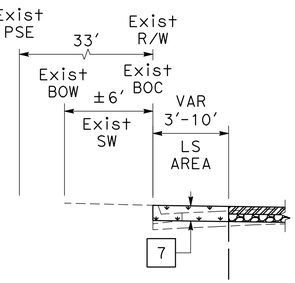
1. 0.17′ GRIND HMA PAVEMENT
   0.17′ ½" HMA (TYPE A) (FINISH COURSE)
2. 0.15′ ½" HMA (TYPE A) (FINISH COURSE)
   0.35′ ¾" HMA (TYPE A) (BASE COURSE)
   0.50′ CLASS II AB
   SUBGRADED ENHANCEMENT GEOGRID
   1.33′ LIME TREATED SUBGRADE
3. 0.15′ ½" HMA (TYPE A) (FINISH COURSE)
   0.35′ ¾" HMA (TYPE A) (BASE COURSE)
   0.50′ CLASS II AB
   SUBGRADED ENHANCEMENT GEOGRID
   1.17′ ENGINEERED FILL
   SUBGRADED ENHANCEMENT GEOGRID
   1.5′ LIME TREATED SUBGRADE
4. 0.33′ CLASS 2 PCC
   0.25′ CLASS II AB
5. 0.17′ DG
   1.33′ MIN CLASS II AB
6. 0.67′ CLASS 2 PCC WITH #4 REBAR 18" O.C. EACH WAY
   0.75′ CLASS II AB
7. 2.0′ IMPORTED TOPSOIL
8. 0.25′ MULCH
   2.0′ BIORETENTION SOIL MEDIA (SEE LANDSCAPE PLANS)
   0.33′-1.0′ CLASS II PERMEABLE MATERIAL
9. 0.5′ HMA (TYPE A)
   0.33′ CLASS II AB
10. 0.17′ ½" HMA (TYPE A) (FINISH COURSE)
    0.66′ ¾" HMA (TYPE A) (BASE COURSE)
11. 0.5′ MINOR CONCRETE (COLORIZED)
    0.33′ CLASS II AB
12. 0.17′ DG
    0.33′ MIN CLASS II AB
13. VAR GRIND HMA PAVEMENT
    0.17′ ½" HMA (TYPE A) (FINISH COURSE)

LEGEND:

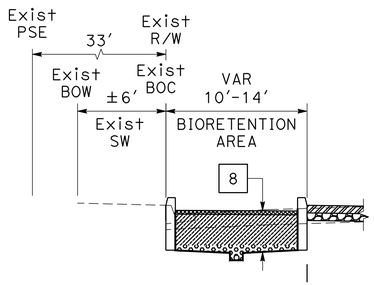
- HMA (TYPE A)
- CLASS II AB/PERMEABLE MATERIAL
- LIME TREATED SUBGRADE
- ENGINEERED FILL
- DG
- MINOR CONCRETE (COLORIZED)
- CLASS 2 PCC
- LANDSCAPE AREA, SEE LANDSCAPE PLANS
- MULCH
- BIORETENTION SOIL MEDIA
- COMPACTION GROUT TREATMENT
- CLASS II PERMEABLE



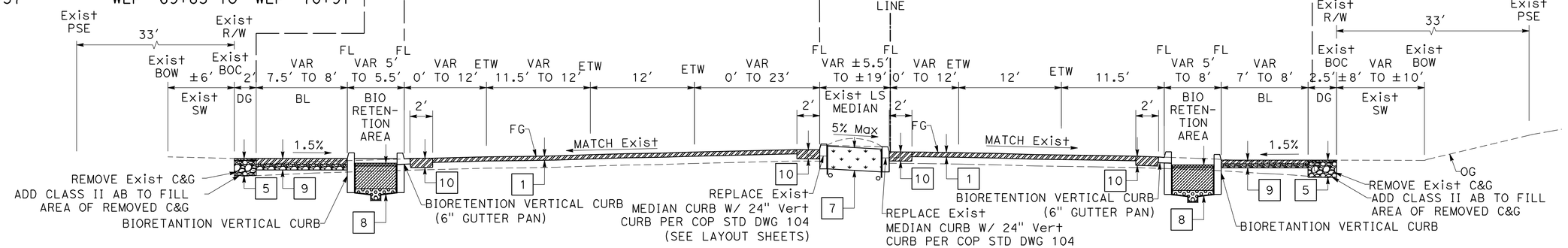
"WLP" 68+18 TO "WLP" 70+29



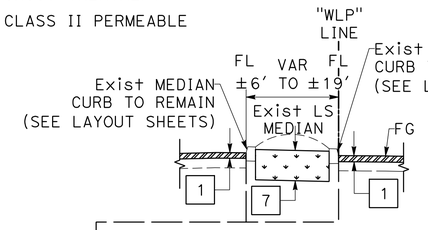
"WLP" 70+91 TO "WLP" 72+37



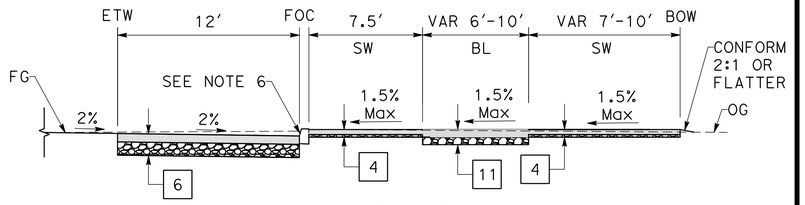
"WLP" 69+85 TO "WLP" 70+91



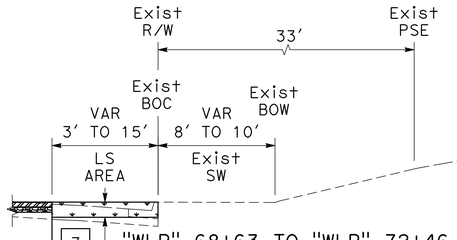
"WLP" 68+18 TO "WLP" 86+13
HOPYARD Rd TO WILLOW Rd



"WLP" 68+44 TO "WLP" 75+72
HOPYARD Rd TO CORONADO Ln



TYPICAL BUS STOP PULLOUT
"WLP" 73+10.91 TO "WLP" 74+50.77
"WLP" 94+36.43 TO "WLP" 95+73.11
"WLP" 98+51.35 TO "WLP" 99+88.27
"WLP" 123+61.29 TO "WLP" 125+11.94



"WLP" 68+63 TO "WLP" 72+46
"WLP" 76+77 TO "WLP" 85+21

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
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642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

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ARMANDO RODRIGUEZ
No. 80328
Exp. 06-30-26
CIVIL
STATE OF CALIFORNIA

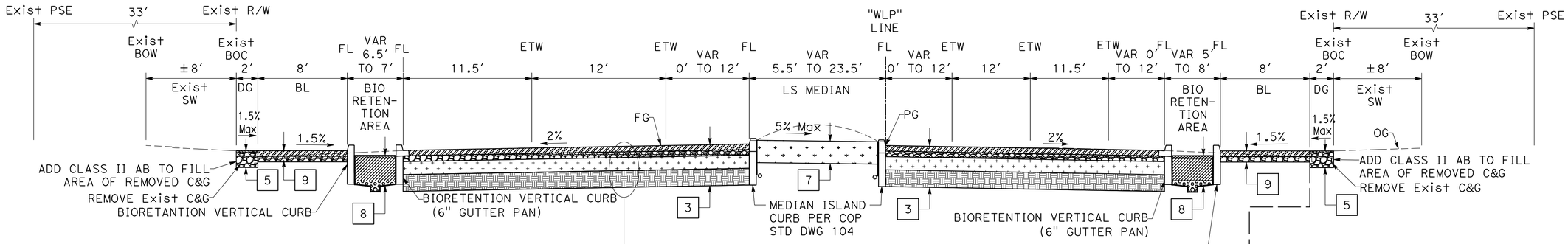
THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

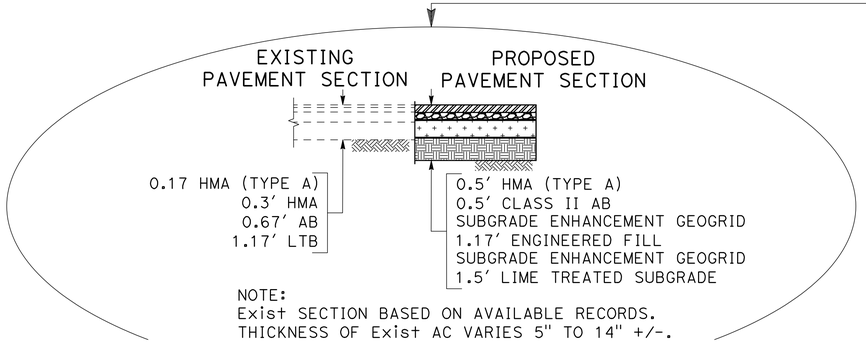
DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI

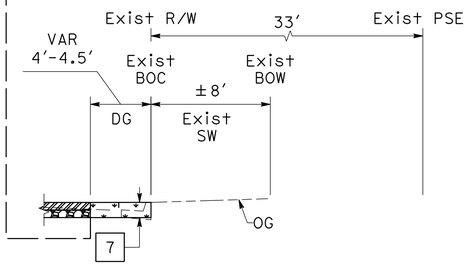
CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
TYPICAL CROSS SECTIONS

SCALE:	DATE:	PIN:		SHEET:
NO SCALE	5/30/2025	22-20106	X-1	6 OF 230

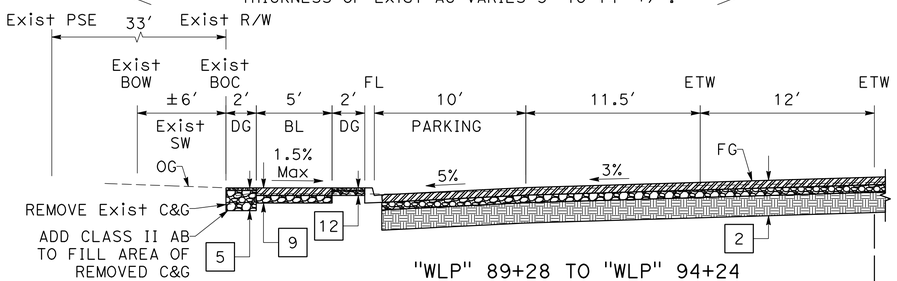


"WLP" 96+92 TO "WLP" 127+59
HACIENDA Dr TO STONERIDGE Dr

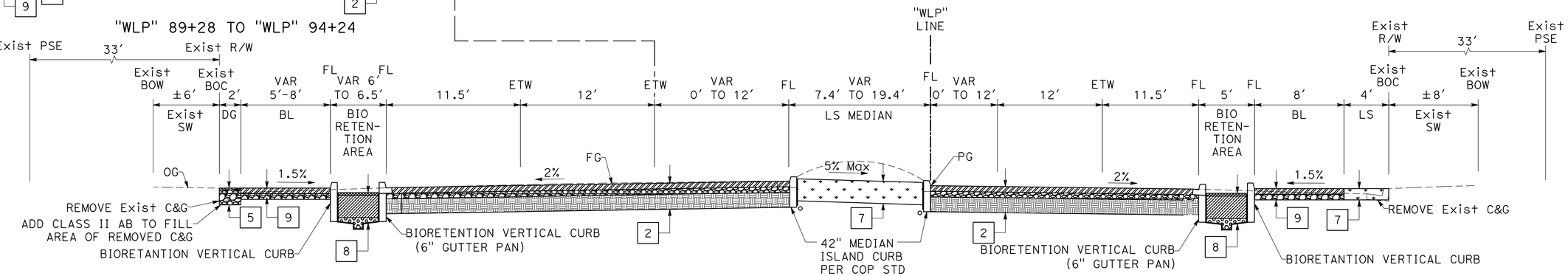




"WLP" 99+86 TO "WLP" 115+02



"WLP" 89+28 TO "WLP" 94+24



"WLP" 86+13 TO "WLP" 96+92
WILLOW Rd TO HACIENDA Dr

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TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

MARK THOMAS
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REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
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STATE OF CALIFORNIA

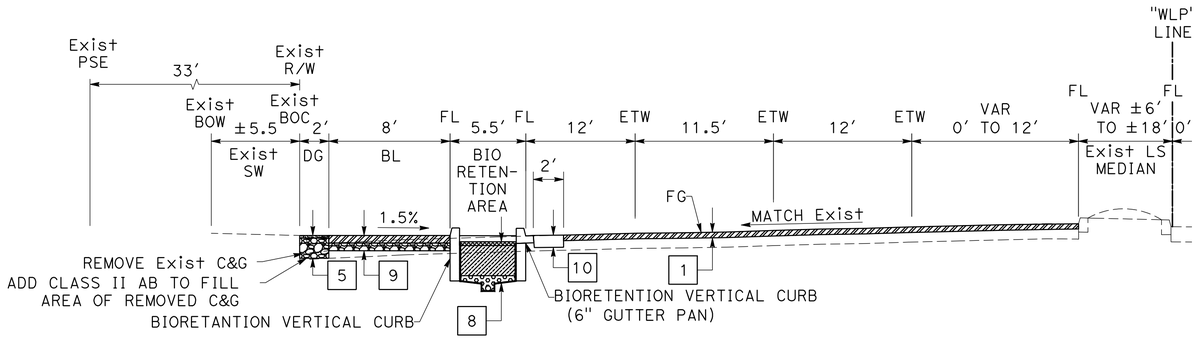
THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

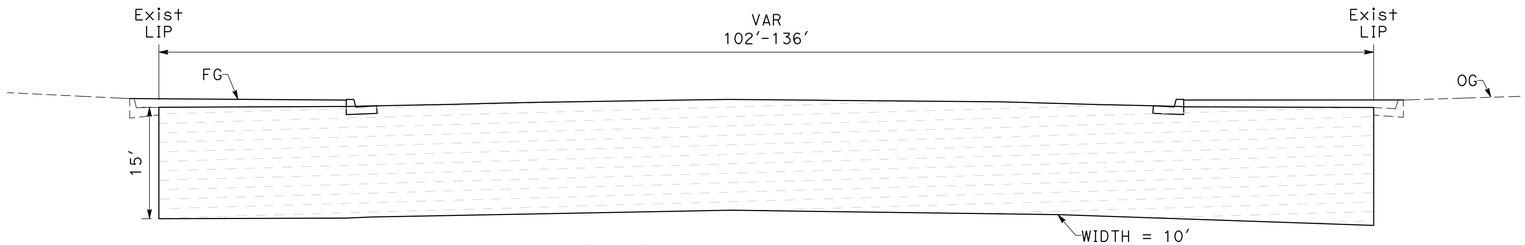
DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
TYPICAL CROSS SECTIONS

SCALE:	DATE:	PIN:		SHEET:
NO SCALE	5/30/2025	22-20106	X-2	7 OF 230



"WLP" 127+59 TO "WLP" 133+53
EAST OF STONERIDGE Dr



"WLP" 127+45 TO "WLP" 127+62
"WLP" 127+80 TO "WLP" 129+05
"WLP" 127+90 TO "WLP" 129+01
"WLP" 129+28 TO "WLP" 129+42
TYPICAL COMPACTION GROUT TREATMENT

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95% PLANS (NOT FOR CONSTRUCTION)

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN CHARCHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
TYPICAL CROSS SECTIONS

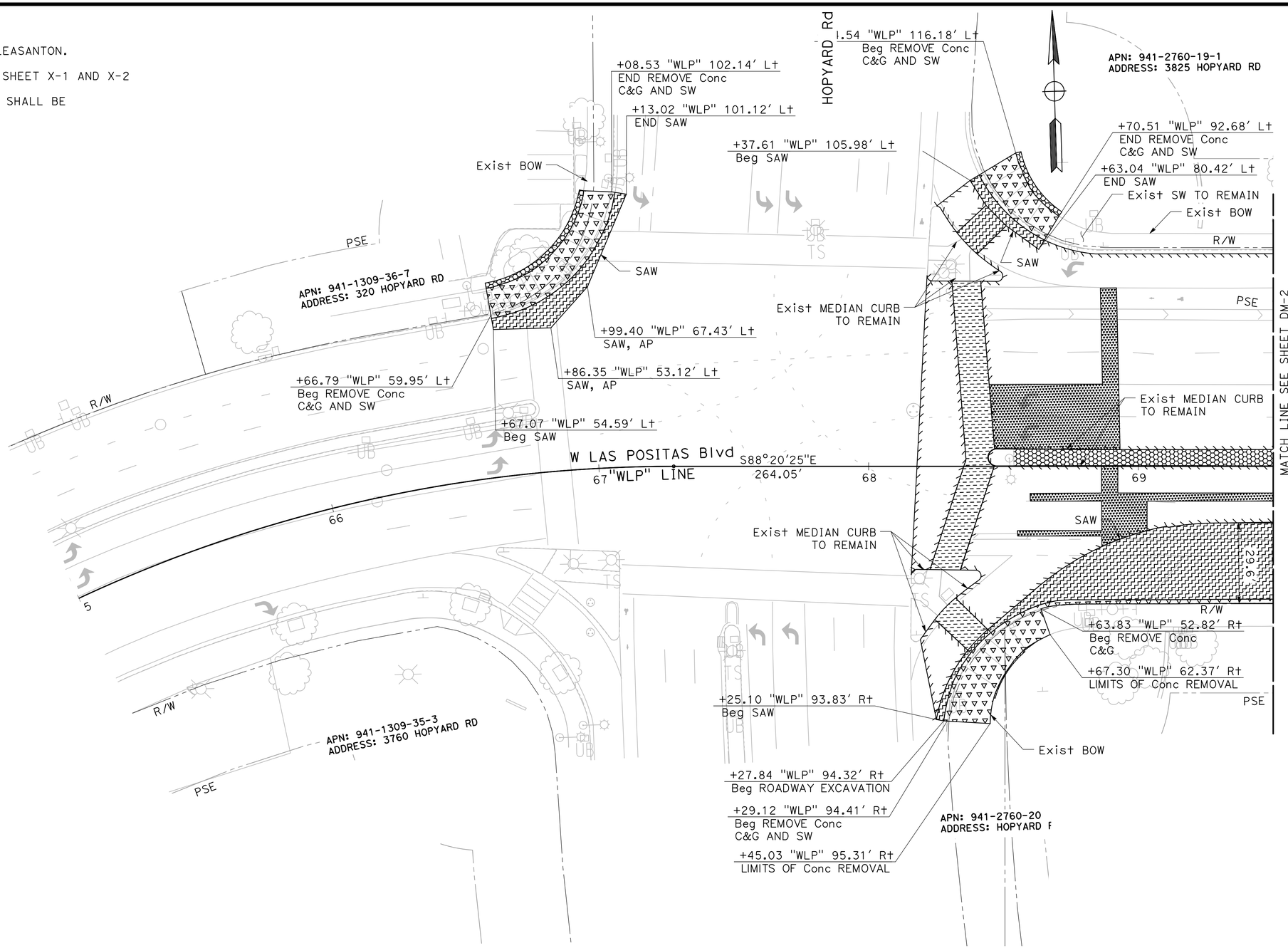
SCALE:	DATE:	PIN:		SHEET:
NO SCALE	5/30/2025	22-20106	X-3	8 OF 230

NOTES:

1. FOR ACCURATE CITY RIGHT OF WAY DATA, CONTACT CITY OF PLEASANTON.
2. FOR PAVEMENT STRUCTURAL SECTIONS, SEE TYPICAL SECTIONS SHEET X-1 AND X-2
3. EXACT LIMITS OF DIGOUT AREAS AND UTILITY TRENCH REPAIRS SHALL BE DETERMINED BY THE ENGINEER.

LEGEND:

- ROADWAY EXCAVATION
- REMOVE CONCRETE (CURB. GUTTER, CURB RAMP, AND SIDEWALK)
- CLEARING AND GRUBBING
- REMOVE LIGHTWEIGHT CELLULAR CONCRETE
- REMOVE PAVER PEDESTRIAN CROSSWALK
- UTILITY TRENCH REPAIR
- DIGOUT
- LIMITS OF COLD PLANE AC PAVEMENT
- LIMITS OF PAVEMENT RECONSTRUCTION
- TREE REMOVAL



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95% PLANS (NOT FOR CONSTRUCTION)

0 10 20
SCALE: 1"=20'

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WALNUT CREEK, CA 94596
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ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

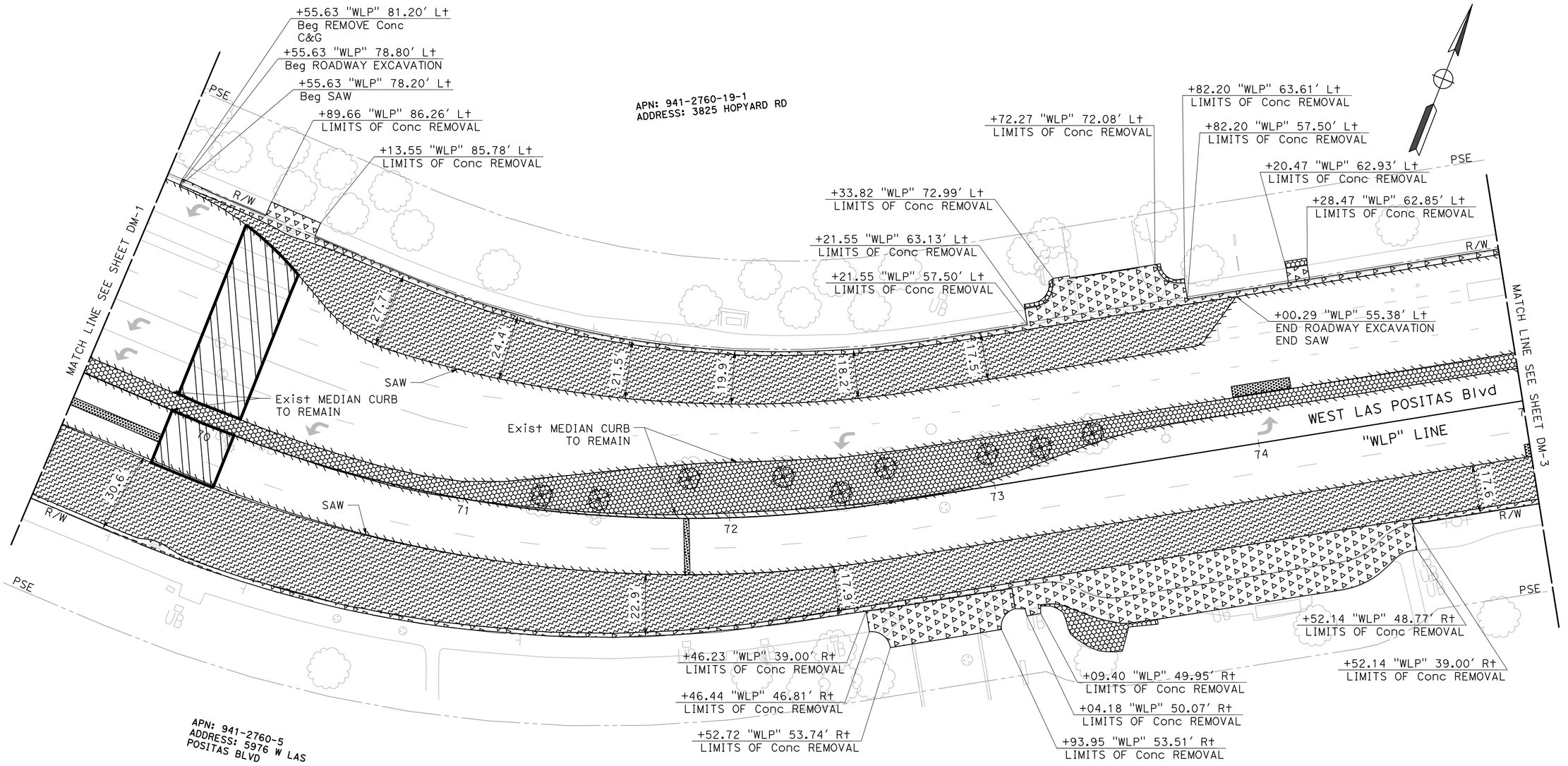
THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
DEMOLITION

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	DM-1 9 OF 230



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95% PLANS (NOT FOR CONSTRUCTION)

0 10 20
SCALE: 1"=20'

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Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

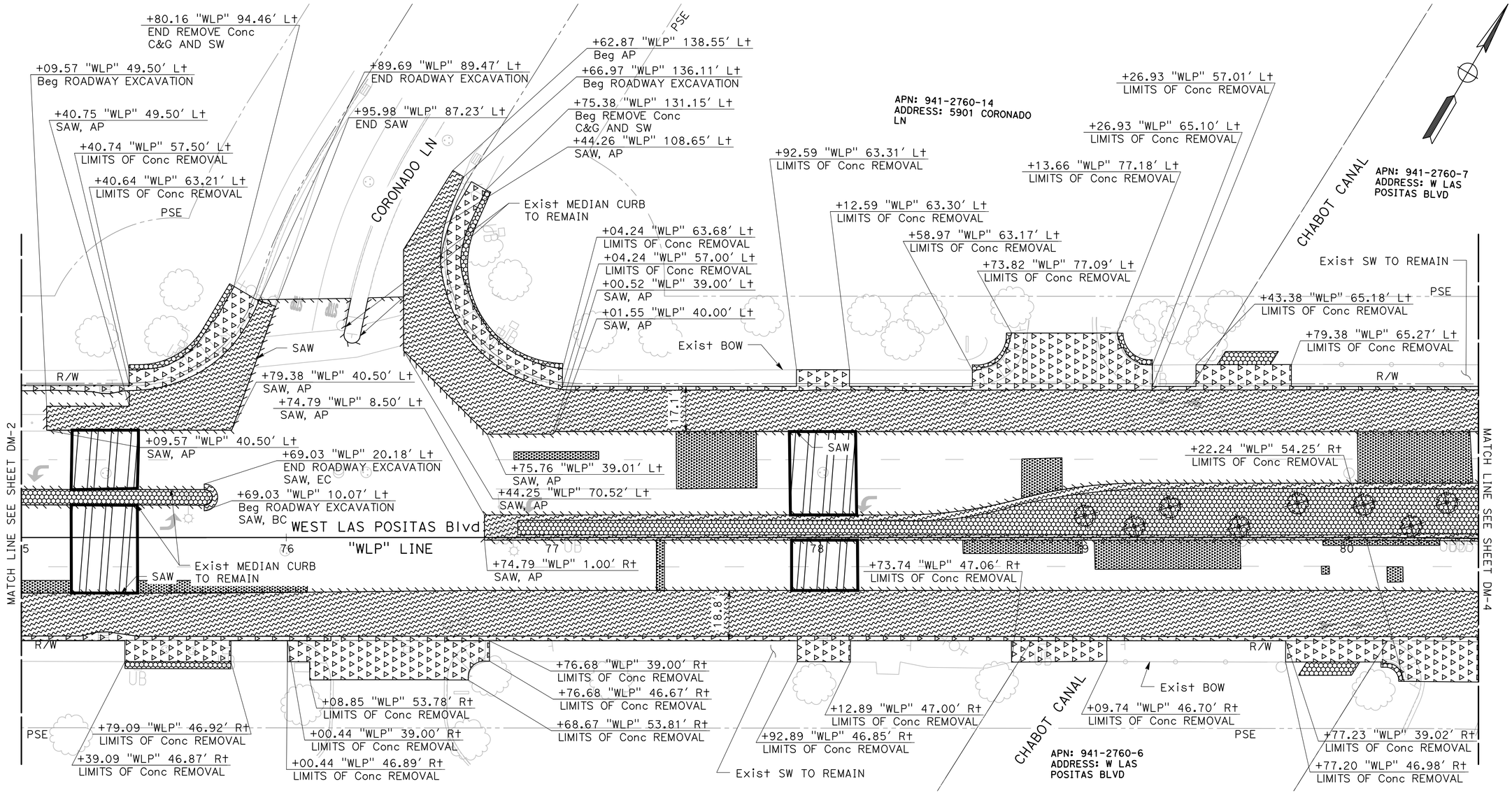
THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
DEMOLITION

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	DM-2 10 OF 230



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Underground Service Alert

Call: TOLL FREE

1-800 642-2444

TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

SCALE: 1"=20'

MARK THOMAS

2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI

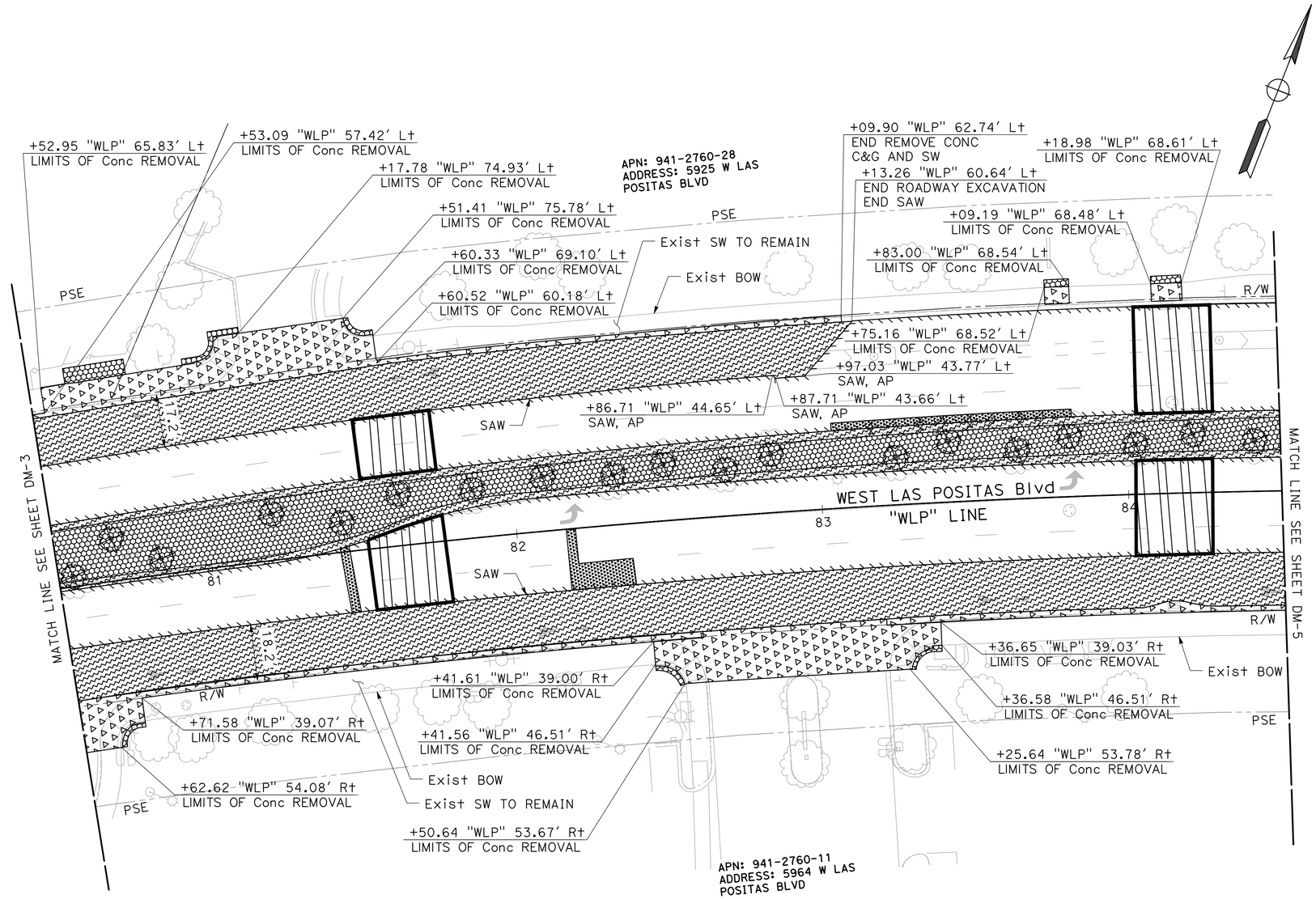
CITY OF PLEASANTON

WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT

CIP#11514

DEMOLITION

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	DM-3 11 OF 230



NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
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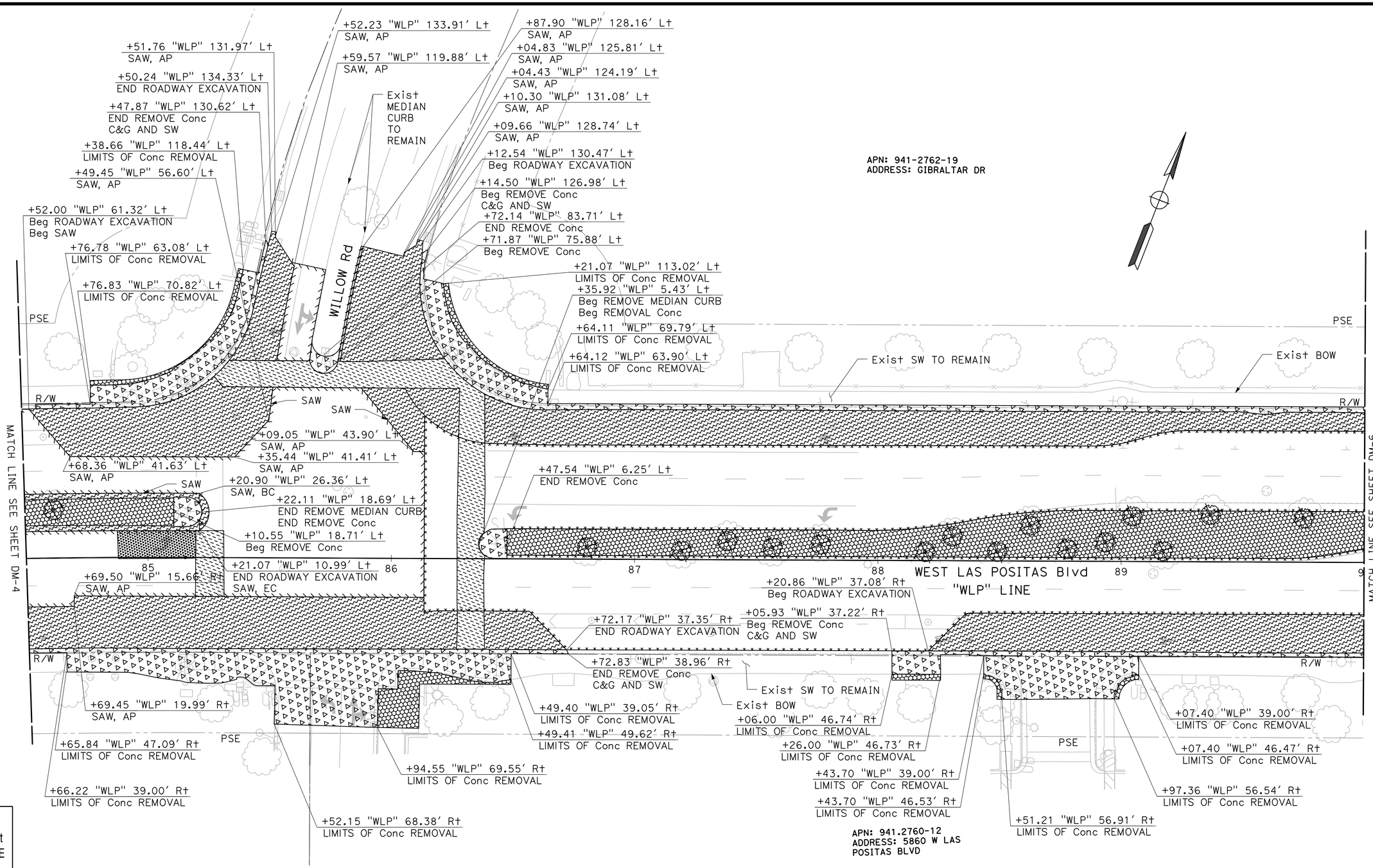

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1"=20'	5/30/2025	22-20106	DM-5 13 OF 230

APN: 941-2762-19
ADDRESS: GIBRALTAR DR

+38.62 "WLP" 18.00' Lt
END REMOVE MEDIAN CURB

+03.18 "WLP" 6.23' Lt
Beg REMOVE MEDIAN CURB

Exist BUS SHELTER
TO REMAIN

Exist FENCE TO REMAIN

+82.13 "WLP" 63.90' Lt
LIMITS OF Conc REMOVAL

PSE

Exist BOW

+28.97 "WLP" 69.67' Lt
LIMITS OF Conc REMOVAL

+82.13 "WLP" 72.12' Lt
LIMITS OF Conc REMOVAL

+28.97 "WLP" 63.90' Lt
LIMITS OF Conc REMOVAL

Exist SW TO REMAIN

R/W

MATCH LINE SEE SHEET DM-5

MATCH LINE SEE SHEET DM-7

N68°55'38"E
728.59'

WEST LAS POSITAS Blvd
"WLP" LINE

90 91 92 93 94 95 96

+31.59 "WLP" 39.00' Rt
LIMITS OF Conc REMOVAL

+65.89 "WLP" 39.00' Rt
LIMITS OF Conc REMOVAL

+31.59 "WLP" 46.73' Rt
LIMITS OF Conc REMOVAL

+65.89 "WLP" 46.68' Rt
LIMITS OF Conc REMOVAL

+37.55 "WLP" 53.31' Rt
LIMITS OF Conc REMOVAL

+47.91 "WLP" 57.61' Rt
LIMITS OF Conc REMOVAL

+84.84 "WLP" 53.17' Rt
LIMITS OF Conc REMOVAL

+12.71 "WLP" 56.89' Rt
LIMITS OF Conc REMOVAL

SERRA Cir

STOP

APN: 941.2760-12
ADDRESS: 5860 W LAS
POSITAS BLVD

APN: 941-2851-108
ADDRESS: 5850 W LAS
POSITAS BLVD

APN: 941-2851-115
ADDRESS: 5850 W LAS
POSITAS BLVD

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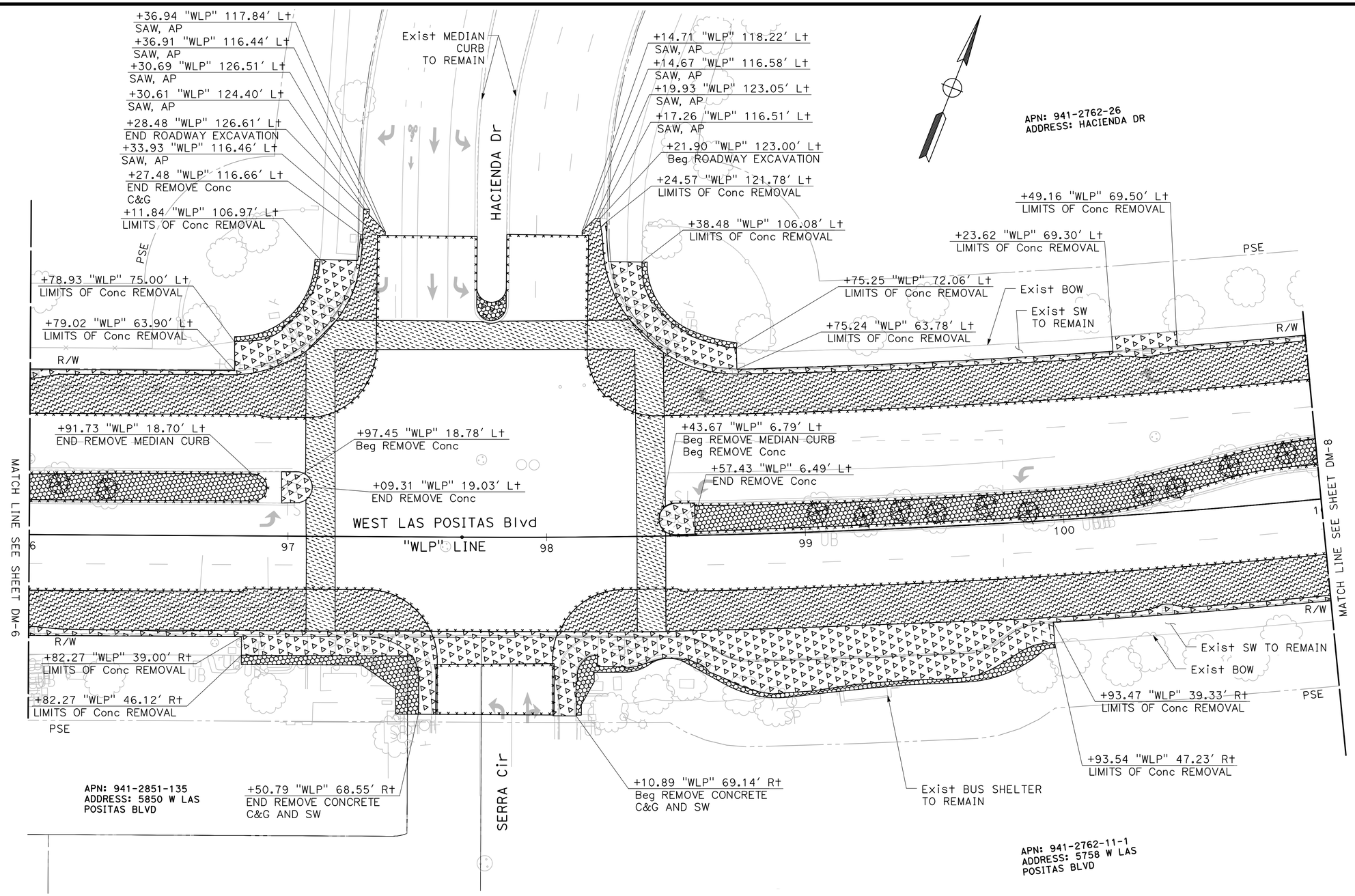

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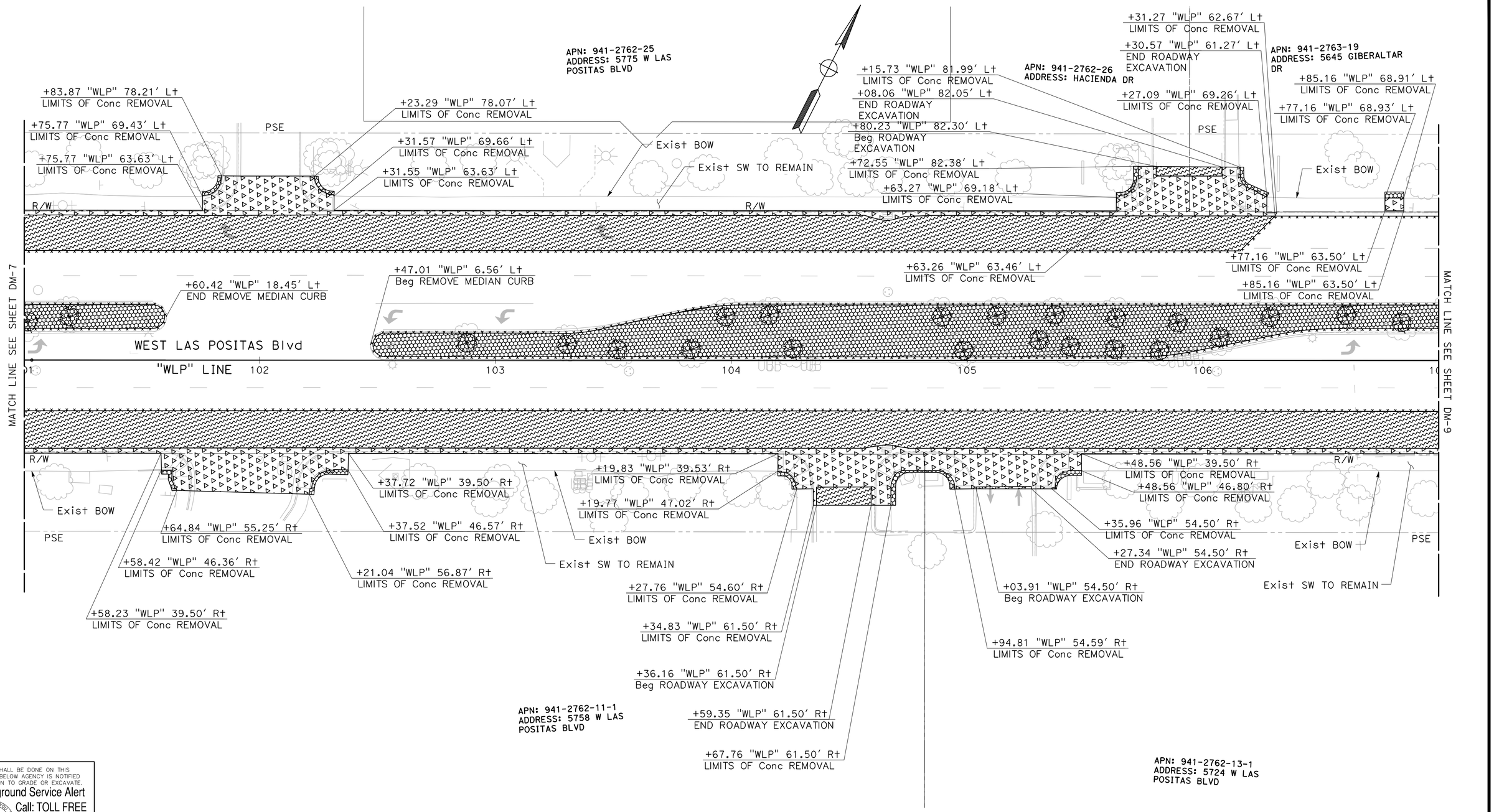

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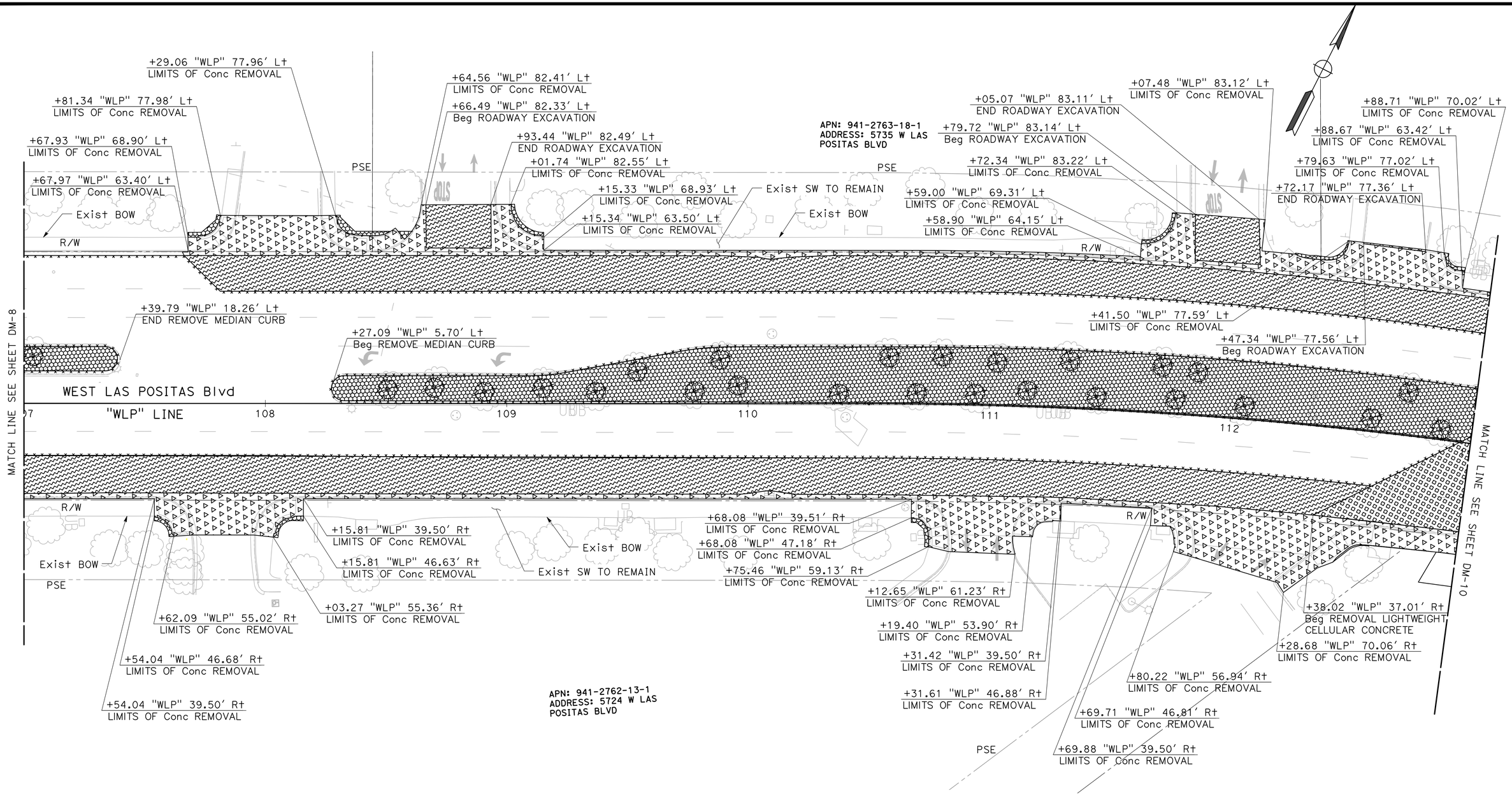

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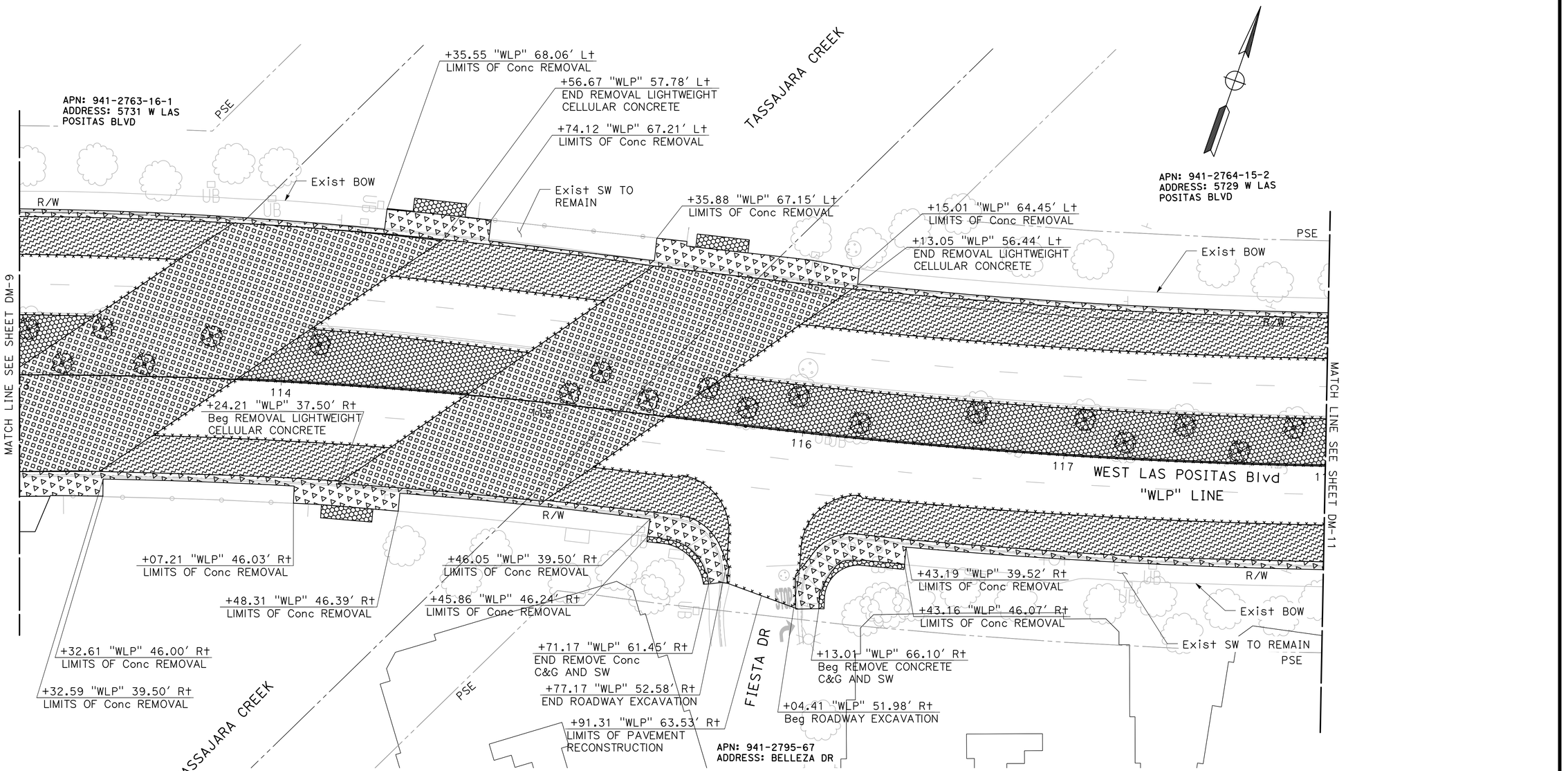

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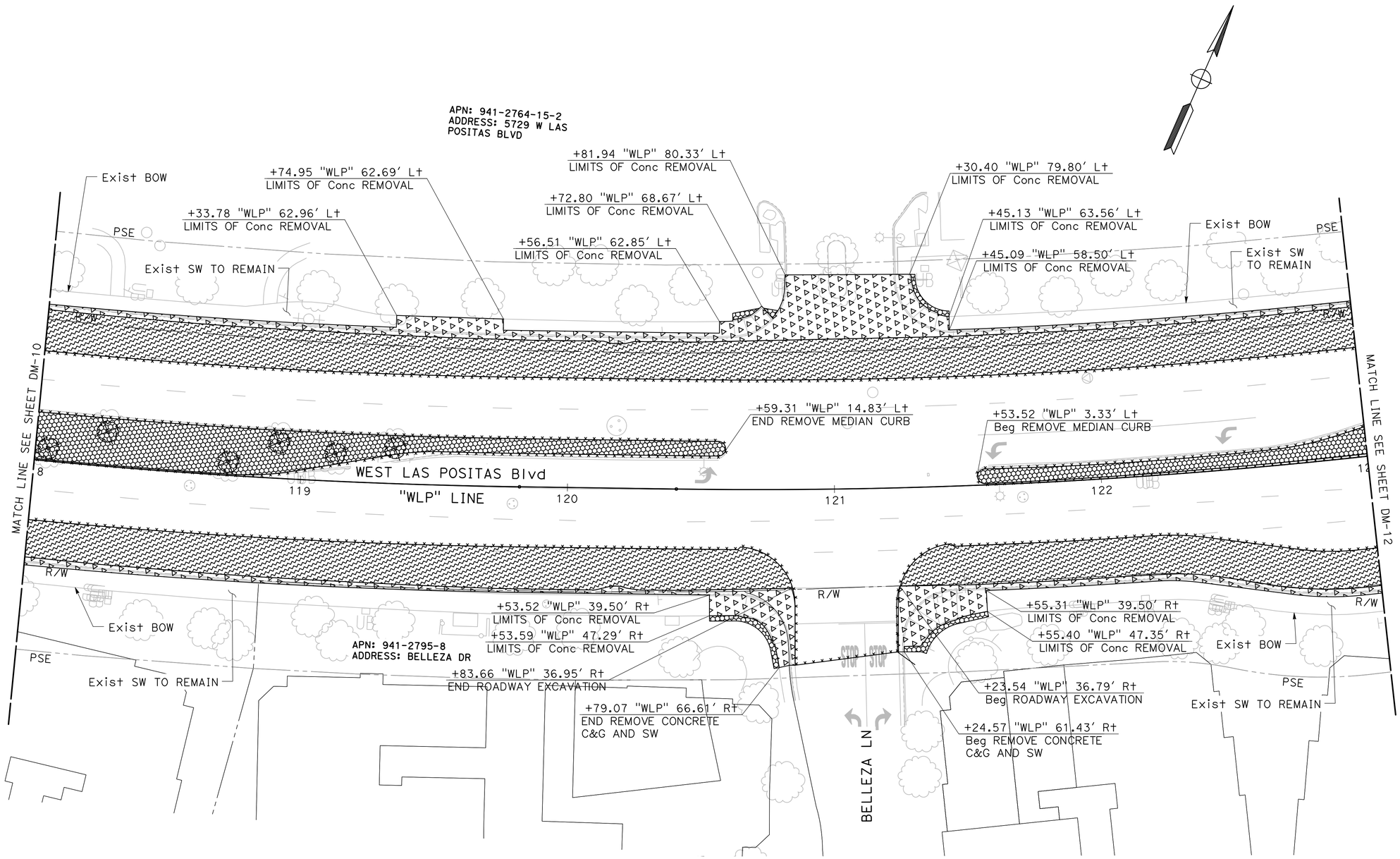

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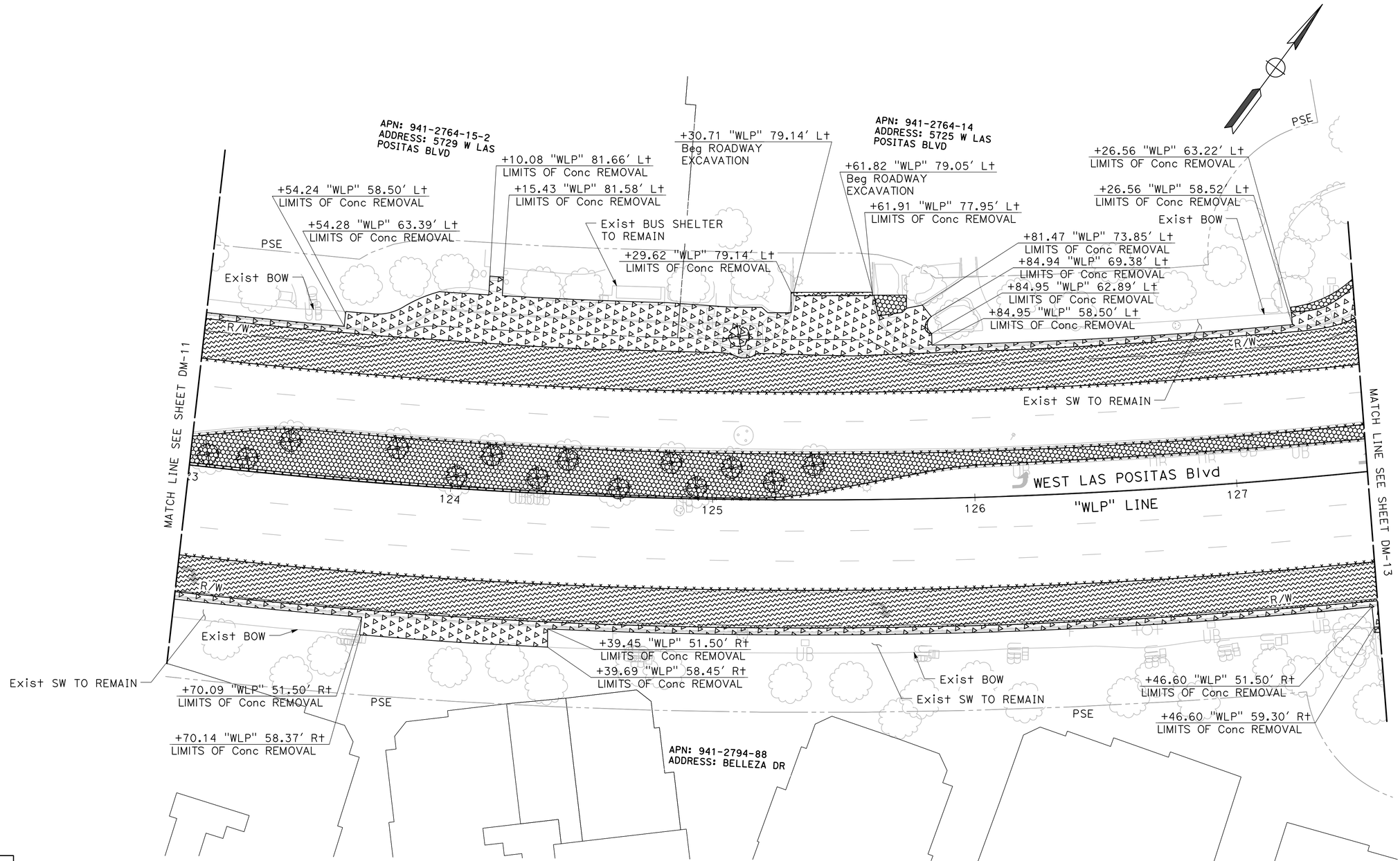

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SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	DM-12 20 OF 230

Exist BOW
+70.68 "WLP" 113.81' Lt
LIMITS OF Conc REMOVAL
+84.79 "WLP" 122.19' Lt
END REMOVE CONCRETE C&G AND SW
+86.58 "WLP" 125.14' Lt
END ROADWAY EXCAVATION
END SAW
+88.88 "WLP" 125.23' Lt
SAW, AP
+88.99 "WLP" 123.07' Lt
SAW, AP
STONERIDGE DR
+88.39 "WLP" 125.86' Lt
SAW, AP
+96.05 "WLP" 135.32' Lt
SAW, AP
+96.08 "WLP" 133.17' Lt
SAW, AP
Exist BOW
+98.41 "WLP" 135.37' Lt
Beg ROADWAY EXCAVATION
+00.36 "WLP" 132.54' Lt
Beg REMOVE CONCRETE C&G AND SW
+08.97 "WLP" 118.32' Lt
LIMITS OF Conc REMOVAL
+88.90 "WLP" 69.34' Lt
SAW, AP
+07.46 "WLP" 50.00' Lt
SAW, AP
+50.10 "WLP" 75.15' Lt
LIMITS OF Conc REMOVAL
+50.05 "WLP" 69.00' Lt
LIMITS OF Conc REMOVAL R/W
Exist MEDIAN CURB TO REMAIN
+96.21 "WLP" 116.88' Lt
SAW, AP
SAW
SAW
+99.51 "WLP" 55.80' Lt
SAW, AP
+81.98 "WLP" 37.93' Lt
SAW, AP
+69.09 "WLP" 15.11' Lt
END REMOVE MEDIAN CURB
MATCH LINE SEE SHEET DM-12
APN: 941-2764-6
ADDRESS: 6527
STONERIDGE DR
+15.67 "WLP" 94.59' Lt
Beg ROADWAY EXCAVATION
+10.64 "WLP" 94.69' Lt
LIMITS OF Conc REMOVAL
+97.58 "WLP" 75.38' Lt
LIMITS OF Conc REMOVAL
+97.58 "WLP" 69.00' Lt
LIMITS OF Conc REMOVAL
Exist BOW
+39.80 "WLP" 94.57' Lt
Beg ROADWAY EXCAVATION
+41.36 "WLP" 94.57' Lt
LIMITS OF Conc REMOVAL
+47.23 "WLP" 92.07' Lt
LIMITS OF Conc REMOVAL
+60.86 "WLP" 75.02' Lt
LIMITS OF Conc REMOVAL
+60.86 "WLP" 69.07' Lt
LIMITS OF Conc REMOVAL
PSE
Exist BOW
+53.01 "WLP" 58.31' Lt
END REMOVE CONCRETE C&G AND SW
16.5'
SAW
+53.01 "WLP" 51.00' Lt
END ROADWAY EXCAVATION
END SAW
Exist MEDIAN CURB TO REMAIN
WEST LAS POSITAS Blvd
"WLP" LINE
128
129
130
131
132
133
SAW
SAW
+30.67 "WLP" 19.00' Rt
END ROADWAY EXCAVATION
END SAW
+30.67 "WLP" 39.17' Rt
END REMOVE CONCRETE C&G AND SW
R/W
Exist BOW
+90.64 "WLP" 31.57' Rt
SAW, AP
+09.15 "WLP" 52.13' Rt
SAW, AP
+05.71 "WLP" 19.00' Rt
SAW, AP
+85.12 "WLP" 46.94' Rt
LIMITS OF Conc REMOVAL
+91.29 "WLP" 33.16' Rt
SAW, AP
PSE
+08.16 "WLP" 92.60' Rt
LIMITS OF Conc REMOVAL
Exist BUS SHELTER TO REMAIN
+00.49 "WLP" 109.28' Rt
Beg REMOVE CONCRETE C&G AND SW
+98.32 "WLP" 113.11' Rt
Beg ROADWAY EXCAVATION
Beg SAW
Exist SW TO REMAIN
Exist MEDIAN CURB TO REMAIN
PSE
+99.15 "WLP" 116.62' Rt
END ROADWAY EXCAVATION
END SAW
+91.65 "WLP" 110.21' Rt
END REMOVE CONCRETE C&G AND SW
Exist BOW
APN: 941-2764-12-1
ADDRESS: 5505
SPRINGHOUSE DR

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DEMOLITION

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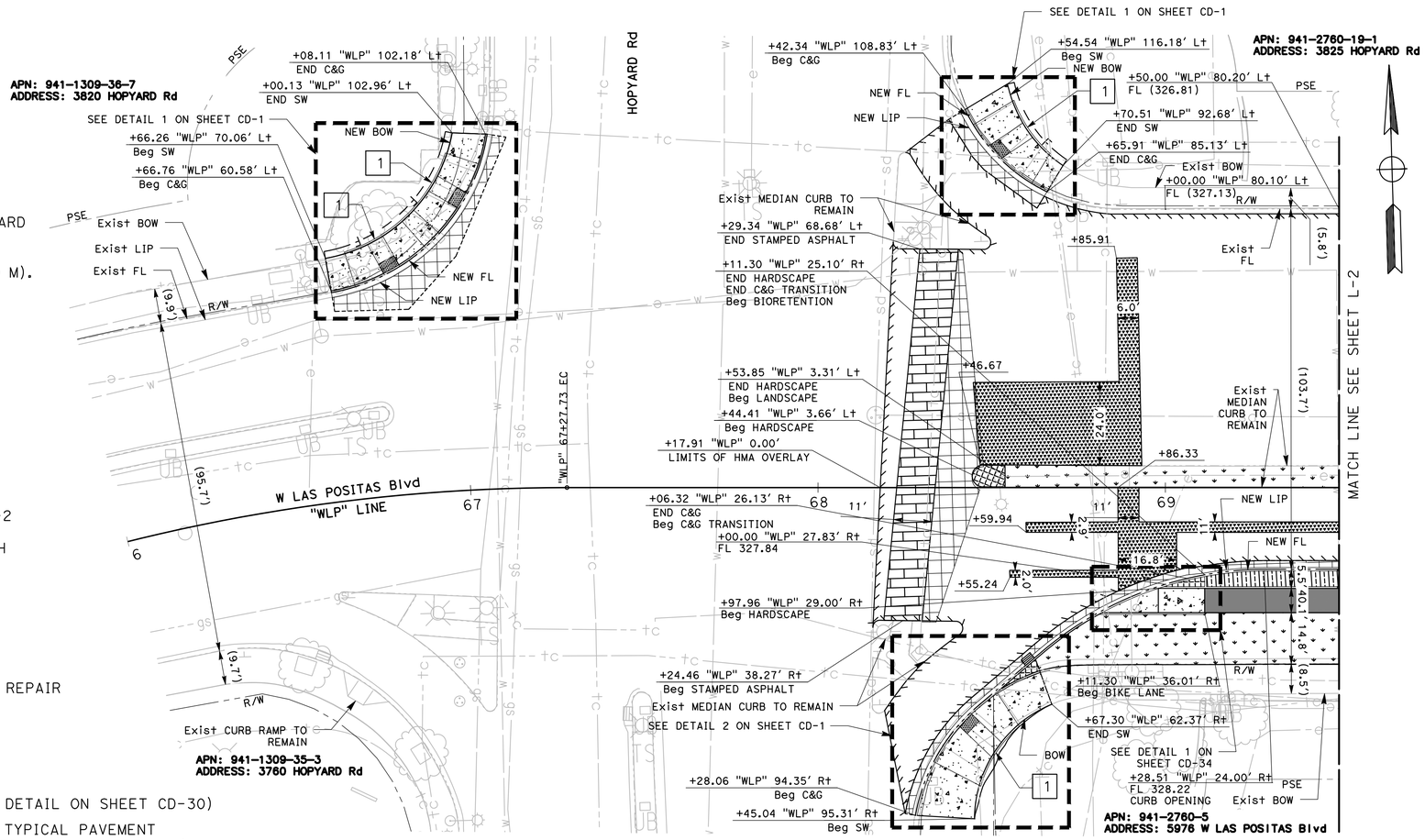
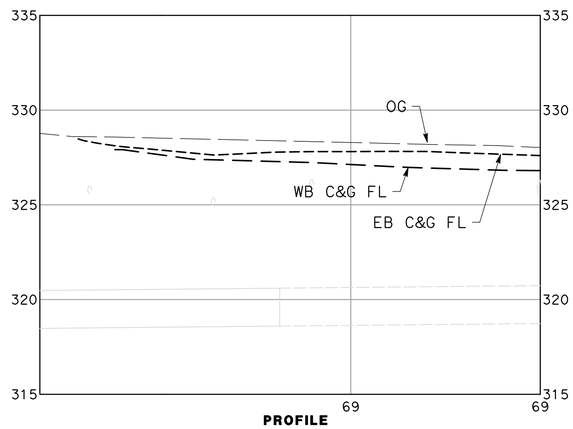
1"=20'	5/30/2025	22-20106	DM-13 21 OF 230

NOTES:

1. FOR ACCURATE CITY RIGHT OF WAY DATA, CONTACT CITY OF PLEASANTON.
2. FOR CURB RAMP INFORMATION, SEE CITY OF PLEASANTON STANDARD DETAILS.
3. FOR BUS STOP DETAILS, SEE CITY OF PLEASANTON STANDARD DETAILS.
4. FOR CURB, CURB & GUTTER, AND SIDEWALK DETAILS, SEE CITY OF PLEASANTON STANDARD DETAILS.
5. FOR PAVEMENT DELINEATION AND SIGN LIMITS AND DETAILS, SEE PAVEMENT DELINEATION AND SIGN PLAN.
6. FOR MEDIAN CURB WITH LANDSCAPING DETAILS, SEE CITY OF PLEASANTON STANDARD DETAIL 104.
7. FOR CURB RAMP DETAILS, SEE CITY OF PLEASANTON STANDARD DETAIL 115(A TO M).
8. FOR LANDSCAPE AND HARDSCAPE IMPROVEMENTS, SEE LANDSCAPE PLANS.
9. FOR PAVEMENT STRUCTURAL SECTIONS, SEE TYPICAL SECTIONS.
10. FOR DRAINAGE PROFILE DETAILS, SEE DRAINAGE AND UTILITY PLANS.
11. FOR MODIFIED CURB & GUTTER DETAILS, SEE DETAIL ON SHEET CD-30.
12. FOR UTILITY TRENCH REPAIR DETAILS, SEE SHEET DUD-1.
13. EXACT LIMITS OF DIGOUT AREAS AND UTILITY TRENCH REPAIRS SHALL BE DETERMINED BY THE ENGINEER.
14. FOR IRRIGATION SLEEVE DETAILS, SEE SHEET IL-1 AND DETAIL 2 ON SHEET ID-2
15. INSTALL EPOXY-BASED STAMPED ASPHALT CROSSWALK SURFACE TREATMENT, MATCH EXISTING PATTERN AND COLOR.





PROFILE
SCALE: 1" = 20' (H)
1" = 4' (V)

0 10 20
SCALE: 1"=20'

LEGEND:

- MINOR CONCRETE (SIDEWALK, DRIVEWAY, & BUS STOP PAD)
- MINOR CONCRETE (STAMPED CONCRETE DRIVEWAY)
- MINOR CONCRETE (COLORIZED)
- BIORETENTION AREA/ TREE PLANTING AREA (SEE DETAIL ON SHEET DUD-3 AND LANDSCAPE PLANS)
- HMA PAVEMENT
- COMPACTION GROUT TREATMENT
- DRIVEWAY CONFORM (HMA [TYPE A])
- LANDSCAPE AREA
- STAMPED ASPHALT CROSSWALK
- HARDSCAPE AREA
- DETECTABLE WARNING SURFACE
- DECOMPOSED GRANITE BUFFER
- UTILITY TRENCH REPAIR
- DIGOUT
- BUS STOP
- BIKE RAMP (SEE DETAIL ON SHEET CD-30)
- BIKE LANE (SEE TYPICAL PAVEMENT STRUCTURAL SECTION 9 ON SHEET X-1)
- HMA MILL & OVERLAY
- PAVEMENT RECONSTRUCTION
- DIRECTIONAL WAYFINDING TILES (SEE DETAIL ON SHEET CD-31)
- IRRIGATION SLEEVE
- R/W
- PSE
- WLP PG
- WLP OG PROFILE
- EB C&G FL PROFILE
- WB C&G FL PROFILE

CONSTRUCTION NOTES:

1. CURB RAMP PER CITY OF PLEASANTON STD DWG 115F
2. CURB RAMP PER CITY OF PLEASANTON STD DWG 115A
3. CURB RAMP PER CITY OF PLEASANTON STD DWG 115K

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STATE OF CAL FORNIA

THE CITY OF PLEASANTON©

REVISIONS

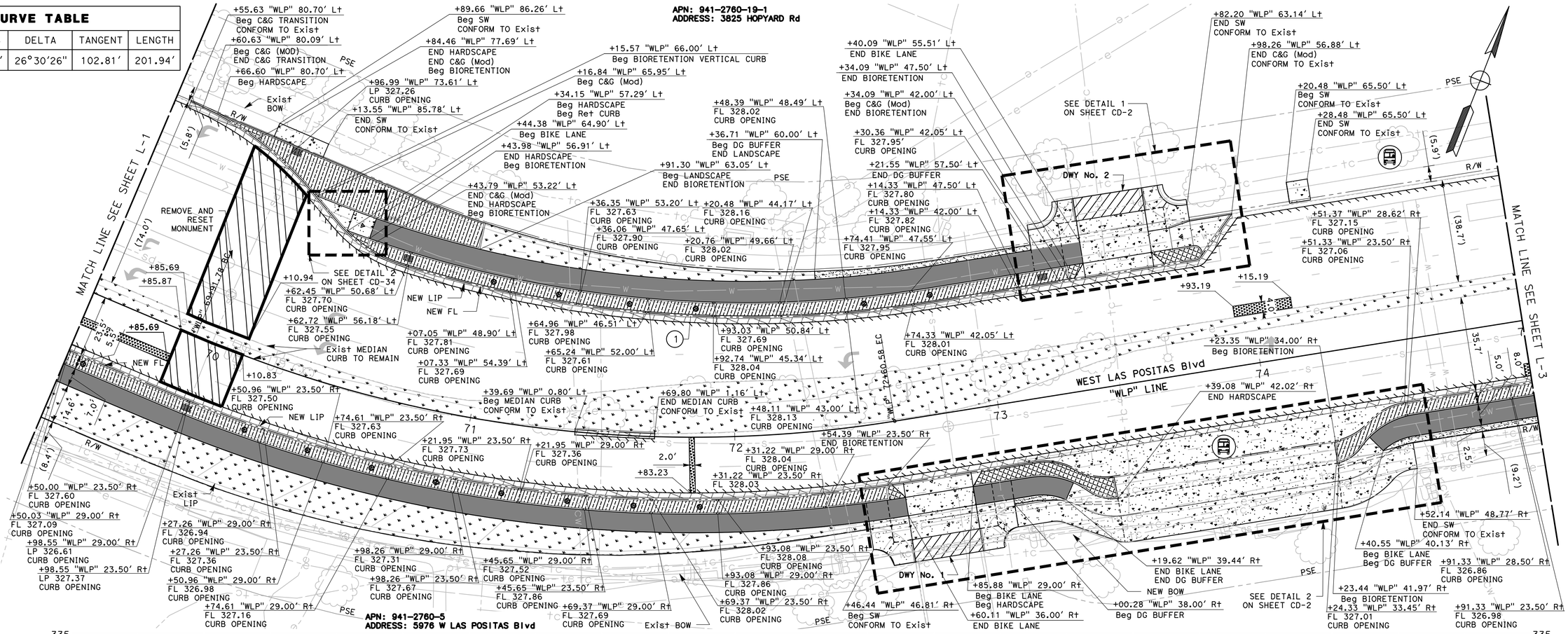
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
LAYOUTS

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	L-1 22 OF 230

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	436.50′	26°30′26″	102.81′	201.94′



PROFILE
SCALE: 1" = 20′ (H)
1" = 4′ (V)

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

0 10 20
SCALE: 1"=20′

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

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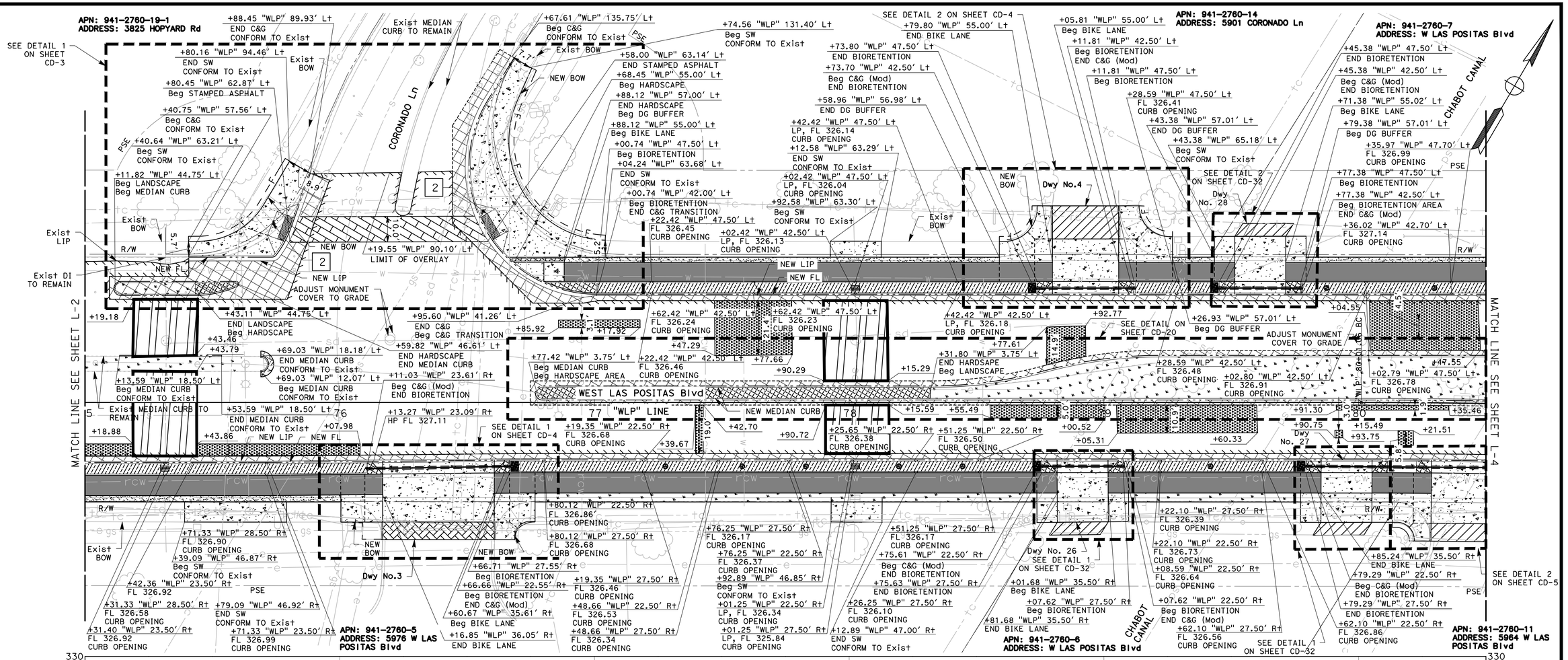
1"=20′	5/30/2025	22-20106	L-2	23 OF 230



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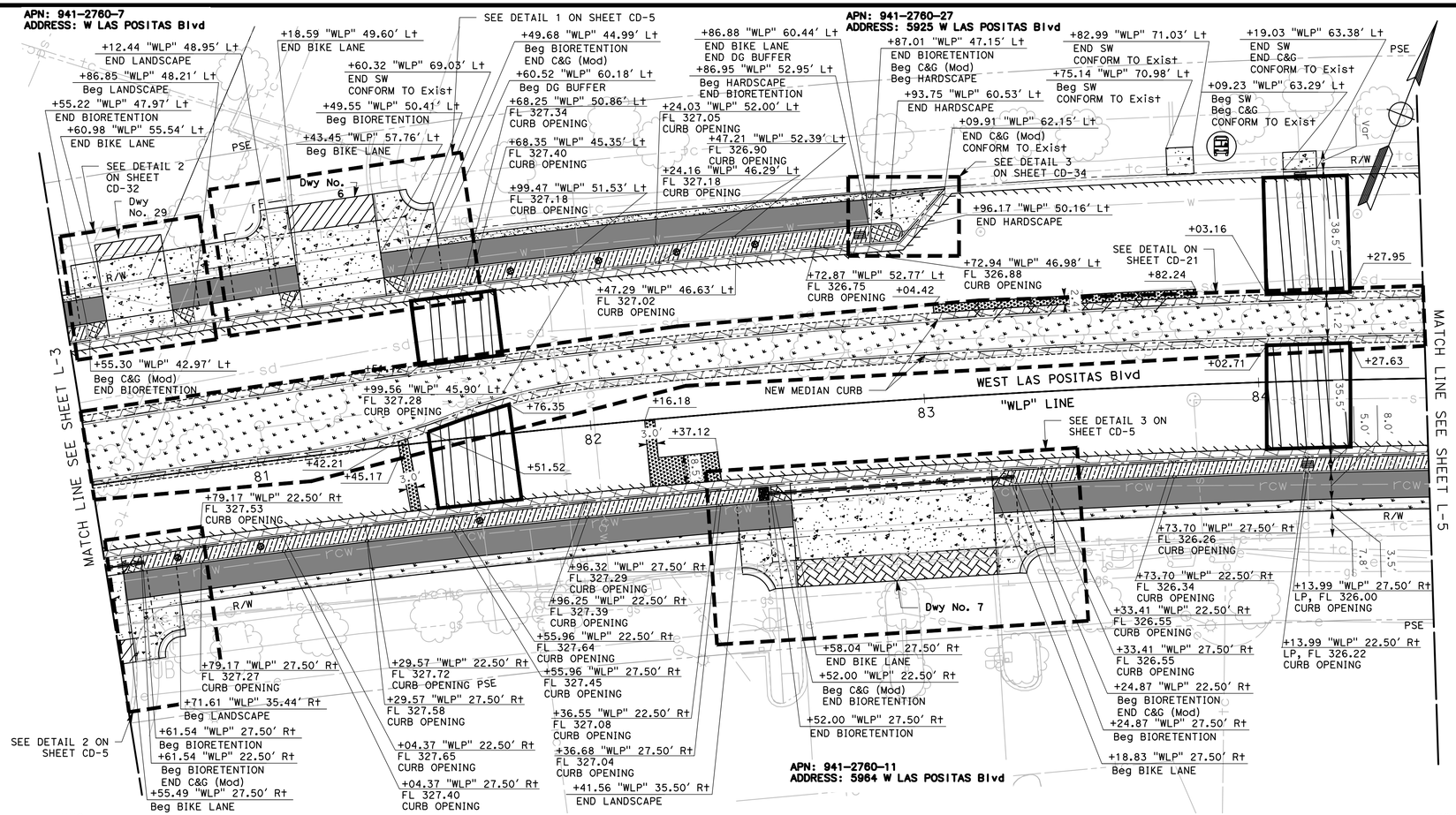
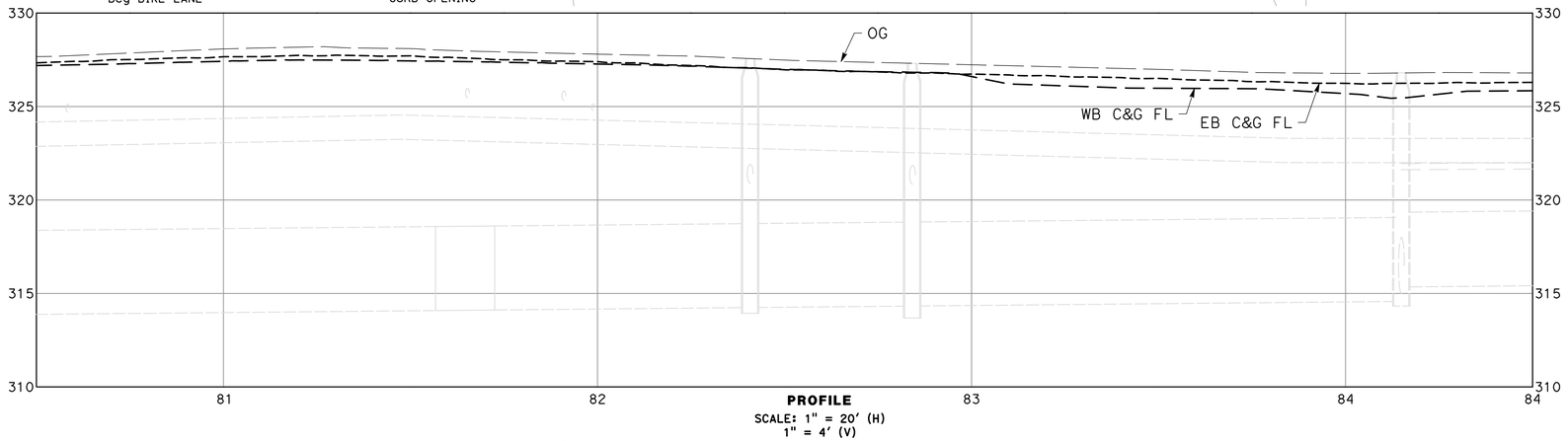
1"=20'	5/30/2025	22-20106	L-3	24 OF 230





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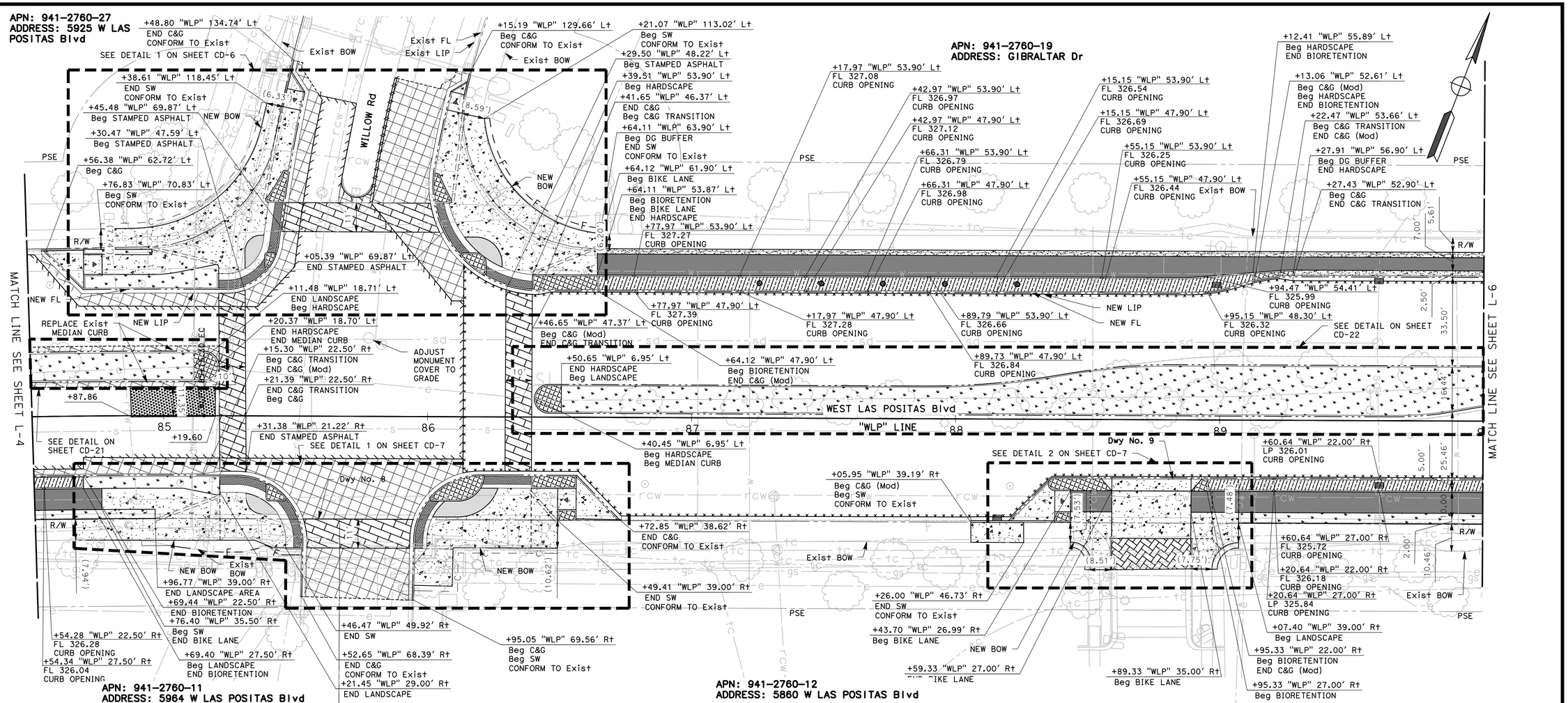

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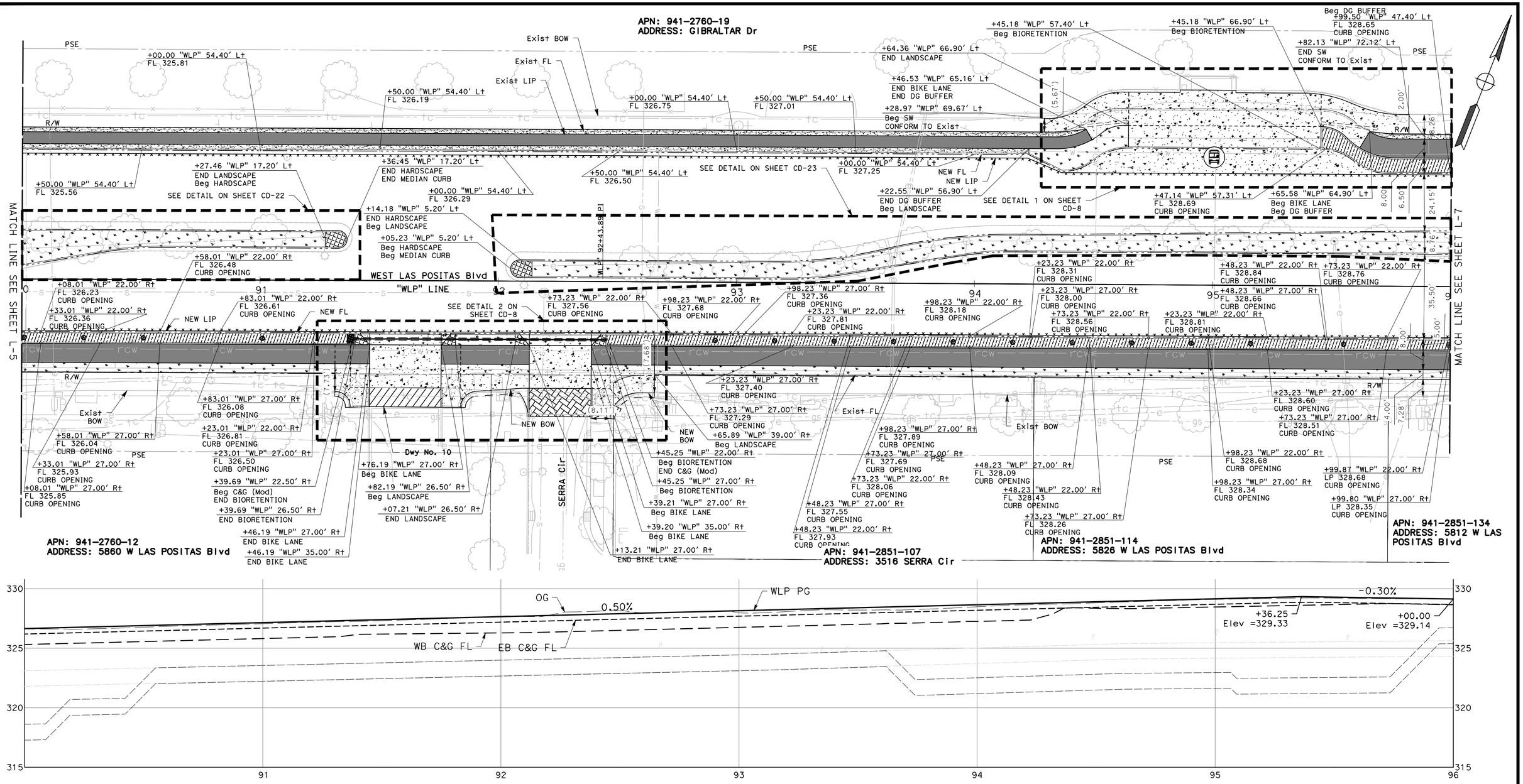

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APN: 941-2760-19
ADDRESS: GIBRALTAR Dr

APN: 941-2762-26
ADDRESS: HACIENDA Dr

APN: 941-2851-134
ADDRESS: 5812 W LAS POSITAS Blvd

APN: 941-2762-11-1
ADDRESS: 5758 W LAS POSITAS Blvd

HACIENDA Dr

SERRA Cir

WEST LAS POSITAS Blvd

"WLP" LINE

MATCH LINE SEE SHEET L-6

MATCH LINE SEE SHEET L-8

SEE DETAIL 1 ON SHEET CD-9

SEE DETAIL ON SHEET CD-23

SEE DETAIL 1 ON SHEET CD-10

SEE DETAIL ON SHEET CD-24

REMOVE AND RESET MONUMENT

PSE

R/W

Exist BOW

Exist FOC

Exist LIP

NEW FL

NEW LIP

+92.23 "WLP" 53.90' Lt
END HARDSCAPE
+78.93 "WLP" 75.00' Lt
Beg SIDEWALK
CONFORM TO Exist
+87.23 "WLP" 46.90' Lt
END C&G (Mod)
Beg C&G TRANSITION
+79.03 "WLP" 63.90' Lt
END DG BUFFER
END BIKE LANE
+79.04 "WLP" 53.90' Lt
Beg HARDSCAPE
END BIORETENTION
+79.04 "WLP" 47.40' Lt
END BIORETENTION
Beg HARDSCAPE
Beg C&G (Mod)
+41.00 "WLP" 53.91' Lt
FL 328.64
CURB OPENING
+01.03 "WLP" 53.90' Lt
FL 328.25
CURB OPENING

+27.19 "WLP" 126.64' Lt
END C&G
+11.84 "WLP" 106.97' Lt
END SW
CONFORM TO Exist

+72.58 "WLP" 96.55' Lt
Beg MEDIAN CURB

Exist MEDIAN CURB TO REMAIN

+24.59 "WLP" 122.93' Lt
Beg C&G
+38.48 "WLP" 106.01' Lt
Beg SW
CONFORM TO Exist
+16.65 "WLP" 88.42' Lt
END STAMPED ASPHALT
+46.79 "WLP" 47.00' Lt
Beg HARDSCAPE
+51.86 "WLP" 46.50' Lt
END C&G TRANSITION
Beg C&G (Mod)
+75.24 "WLP" 63.78' Lt
Beg DG BUFFER
END SW
CONFORM TO Exist
+75.24 "WLP" 61.78' Lt
Beg BIKE LANE
+09.37 "WLP" 53.63' Lt
FL 329.89
CURB OPENING

+80.31 "WLP" 47.00' Lt
FL 330.16
CURB OPENING
+80.31 "WLP" 53.67' Lt
FL 329.59
CURB OPENING
+50.03 "WLP" 53.68' Lt
FL 329.84
CURB OPENING
+50.03 "WLP" 47.00' Lt
FL 330.24
CURB OPENING
+49.16 "WLP" 69.50' Lt
END SW
CONFORM TO Exist
+37.30 "WLP" 53.70' Lt
FL 329.56
CURB OPENING
+23.62 "WLP" 69.30' Lt
Beg SW
CONFORM TO Exist
+02.45 "WLP" 53.70' Lt
FL 329.68
CURB OPENING
+77.06 "WLP" 53.70' Lt
FL 329.74
CURB OPENING

+33.76 "WLP" 88.96' Lt
Beg STAMPED ASPHALT
+84.35 "WLP" 96.49' Lt
END MEDIAN CURB
+36.65 "WLP" 46.34' Lt
Beg STAMPED ASPHALT

+01.03 "WLP" 47.40' Lt
FL 328.66
CURB OPENING
+41.00 "WLP" 47.40' Lt
FL 328.84
CURB OPENING

+92.23 "WLP" 45.90' Lt
END TRANSITION TO C&G
Beg C&G
Beg STAMPED ASPHALT
+91.73 "WLP" 18.70' Lt
END HARDSCAPE
END MEDIAN CURB
+81.26 "WLP" 18.67' Lt
END LANDSCAPE
Beg HARDSCAPE
+73.70 "WLP" 22.00' Rt
FL 328.90
CURB OPENING
+73.70 "WLP" 27.00' Rt
FL 328.51
CURB OPENING
+02.23 "WLP" 20.50' Rt
END STAMPED ASPHALT

+46.79 "WLP" 45.50' Lt
END C&G
Beg C&G TRANSITION
+47.41 "WLP" 6.50' Lt
Beg HARDSCAPE
Beg MEDIAN CURB
+46.61 "WLP" 20.50' Rt
Beg C&G TRANSITION
END STAMPED ASPHALT
END C&G

+75.26 "WLP" 47.00' Lt
Beg BIORETENTION
END C&G (Mod)
END HARDSCAPE
+09.45 "WLP" 47.00' Lt
FL 330.16
CURB OPENING
+77.06 "WLP" 47.00' Lt
FL 330.16
CURB OPENING
+02.45 "WLP" 47.00' Lt
FL 330.08
CURB OPENING
+37.30 "WLP" 47.00' Lt
FL 329.98
CURB OPENING

+00.02 "WLP" 22.00' Rt
FL 328.68
CURB OPENING
+48.70 "WLP" 22.00' Rt
FL 328.82
CURB OPENING
+48.70 "WLP" 27.00' Rt
FL 328.44
CURB OPENING

+57.46 "WLP" 45.35' Rt
Beg STAMPED ASPHALT
+02.75 "WLP" 45.41' Rt
END STAMPED ASPHALT

+57.43 "WLP" 6.00' Lt
END HARDSCAPE
Beg LANDSCAPE
+61.35 "WLP" 32.91' Rt
LP 330.06
CURB OPENING
+37.57 "WLP" 22.00' Rt
FL 329.98
CURB OPENING
+77.31 "WLP" 22.00' Rt
FL 330.14
CURB OPENING
+77.25 "WLP" 27.00' Rt
FL 329.65
CURB OPENING
+37.57 "WLP" 27.00' Rt
FL 329.27
CURB OPENING

+00.01 "WLP" 27.00' Rt
FL 328.35
CURB OPENING
+82.27 "WLP" 22.50' Rt
Beg C&G (Mod)
END BIORETENTION
+82.27 "WLP" 26.50' Rt
END BIORETENTION
Beg HARDSCAPE
+82.27 "WLP" 35.00' Rt
END BIKE LANE

+92.23 "WLP" 27.06' Rt
END HARDSCAPE
+82.27 "WLP" 39.00' Rt
END LANDSCAPE
+82.29 "WLP" 47.11' Rt
Beg SIDEWALK
CONFORM TO Exist
+56.02 "WLP" 68.55' Rt
END C&G
END SW
CONFORM TO Exist

+80.25 "WLP" 41.00' Rt
END LANDSCAPE
+59.41 "WLP" 33.00' Rt
Beg BIORETENTION
+46.61 "WLP" 30.00' Rt
Beg LANDSCAPE
+04.05 "WLP" 69.02' Rt
Beg C&G
Beg SW
CONFORM TO Exist
+59.42 "WLP" 41.00' Rt
Beg BIORETENTION
+85.97 "WLP" 39.50' Rt
Beg LANDSCAPE
Beg BIKE LANE
+93.54 "WLP" 47.23' Rt
END SW
CONFORM TO Exist
+97.84 "WLP" 22.00' Rt
LP 330.08
CURB OPENING
+97.84 "WLP" 27.00' Rt
LP 329.69
CURB OPENING

Exist BOW
Beg C&G (Mod)
END BIORETENTION
PSE

(14.2')
(12.9')
(11.1')
(12.7')
(5.2')
(6.8')
(5.5')
(5.8')
10.0'
18.2'

97+67.27 BC
"WLP"

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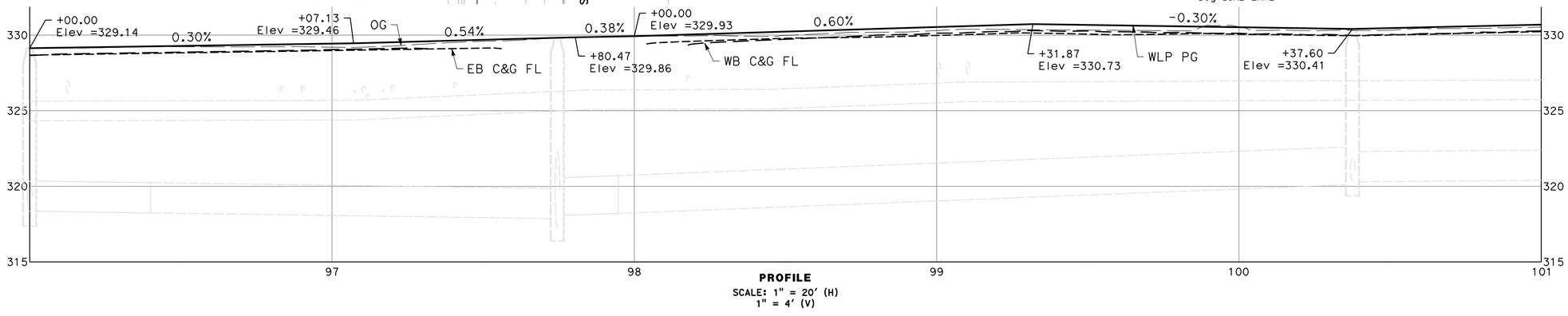

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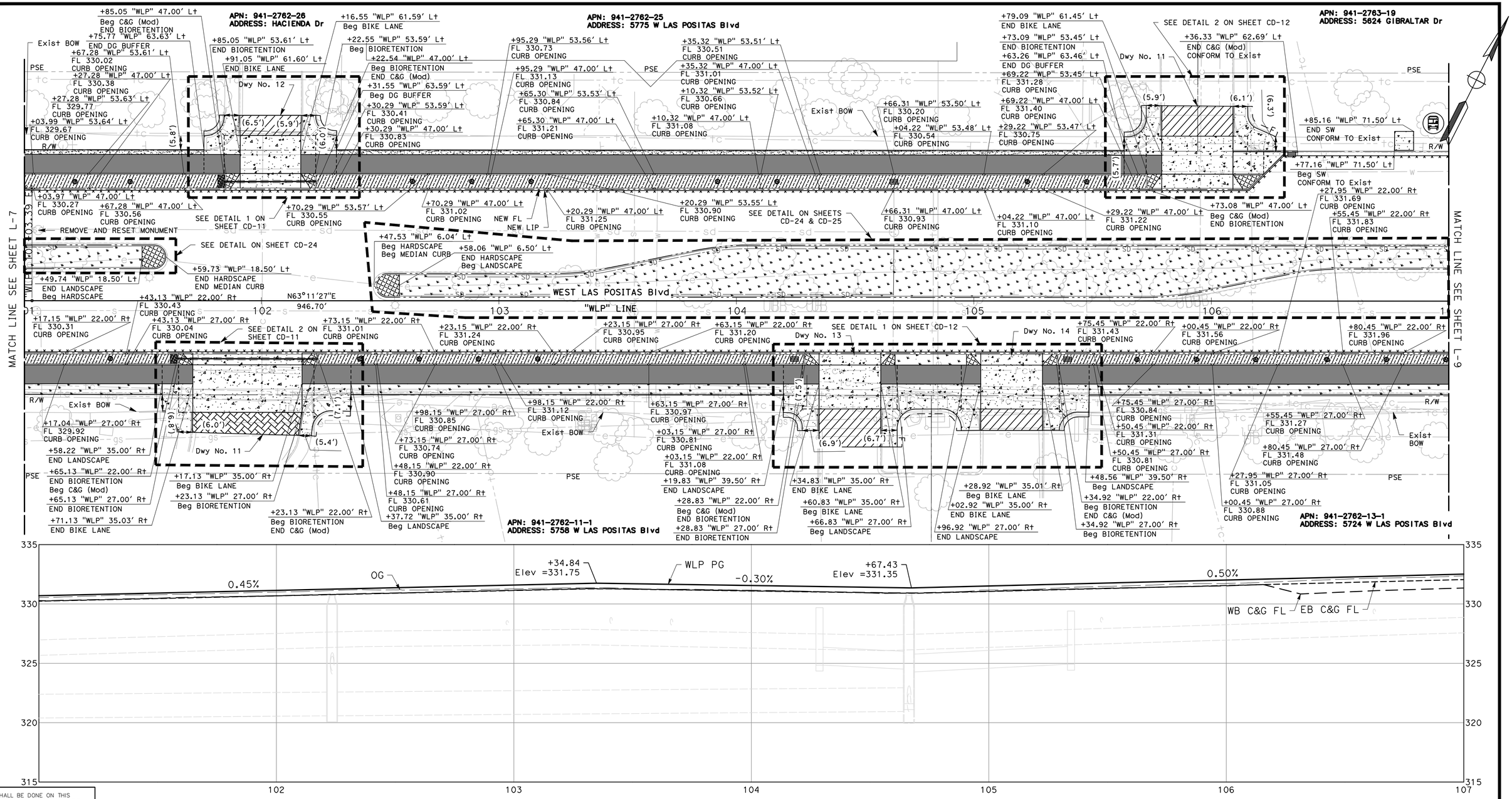

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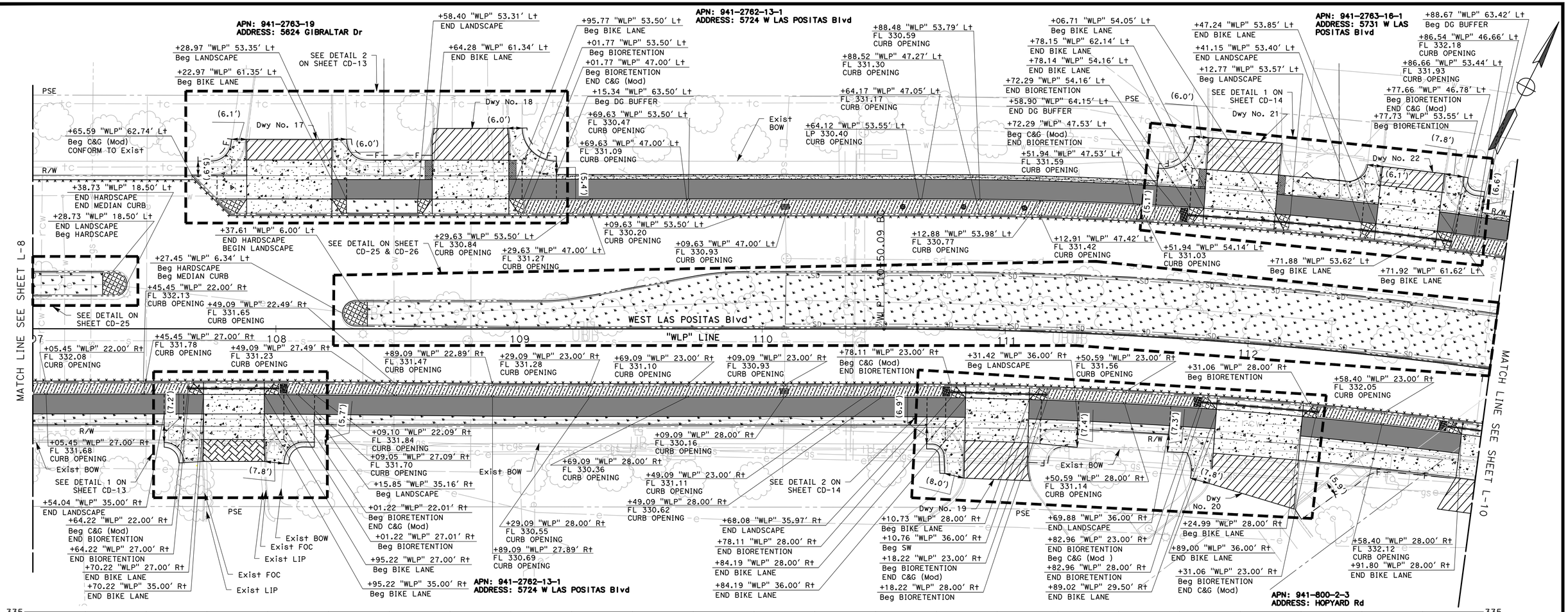

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APN: 941-2763-16-1
ADDRESS: 5731 W LAS POSITAS Blvd

APN: 941-2764-15-2
ADDRESS: 5729 W LAS POSITAS Blvd

MATCH LINE SEE SHEET L-9

MATCH LINE SEE SHEET L-11

SEE DETAIL 1 ON SHEET CD-33

SEE DETAIL 2 ON SHEET CD-33

SEE DETAIL ON SHEET CD-26 & CD-27

SEE DETAIL 1 ON SHEET CD-15

TASSAJARA CREEK

FIESTA Dr

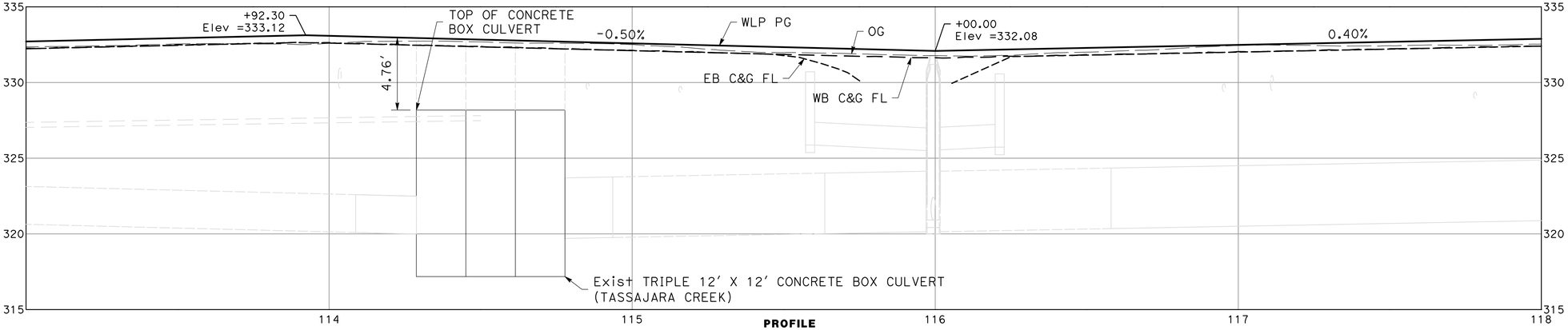
WEST LAS POSITAS Blvd

"WLP" LINE

APN: 941-800-2-3
ADDRESS: HOPYARD Rd

APN: 941-3215-7-4
ADDRESS: SANTA RITA Rd

APN: 941-2795-67
ADDRESS: BELLEZA Dr



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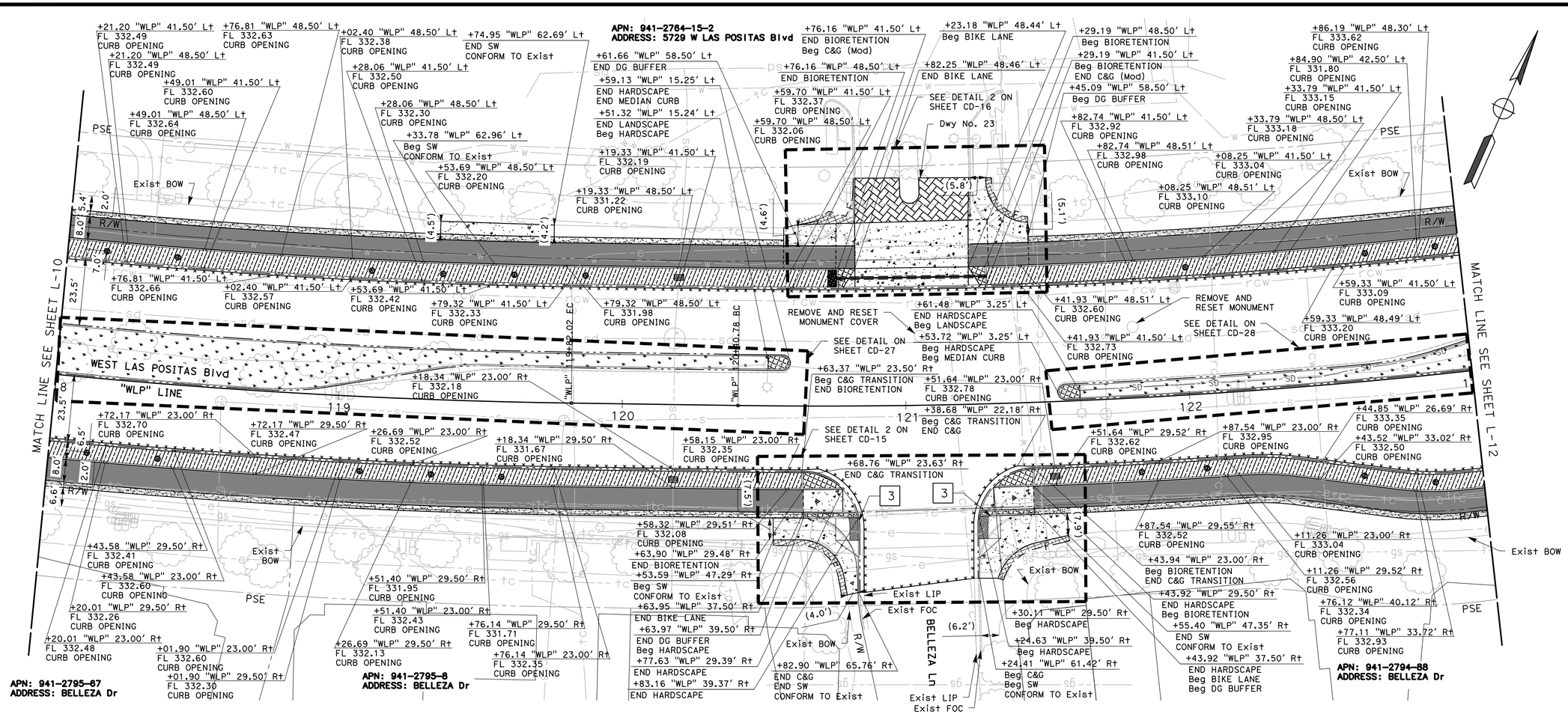

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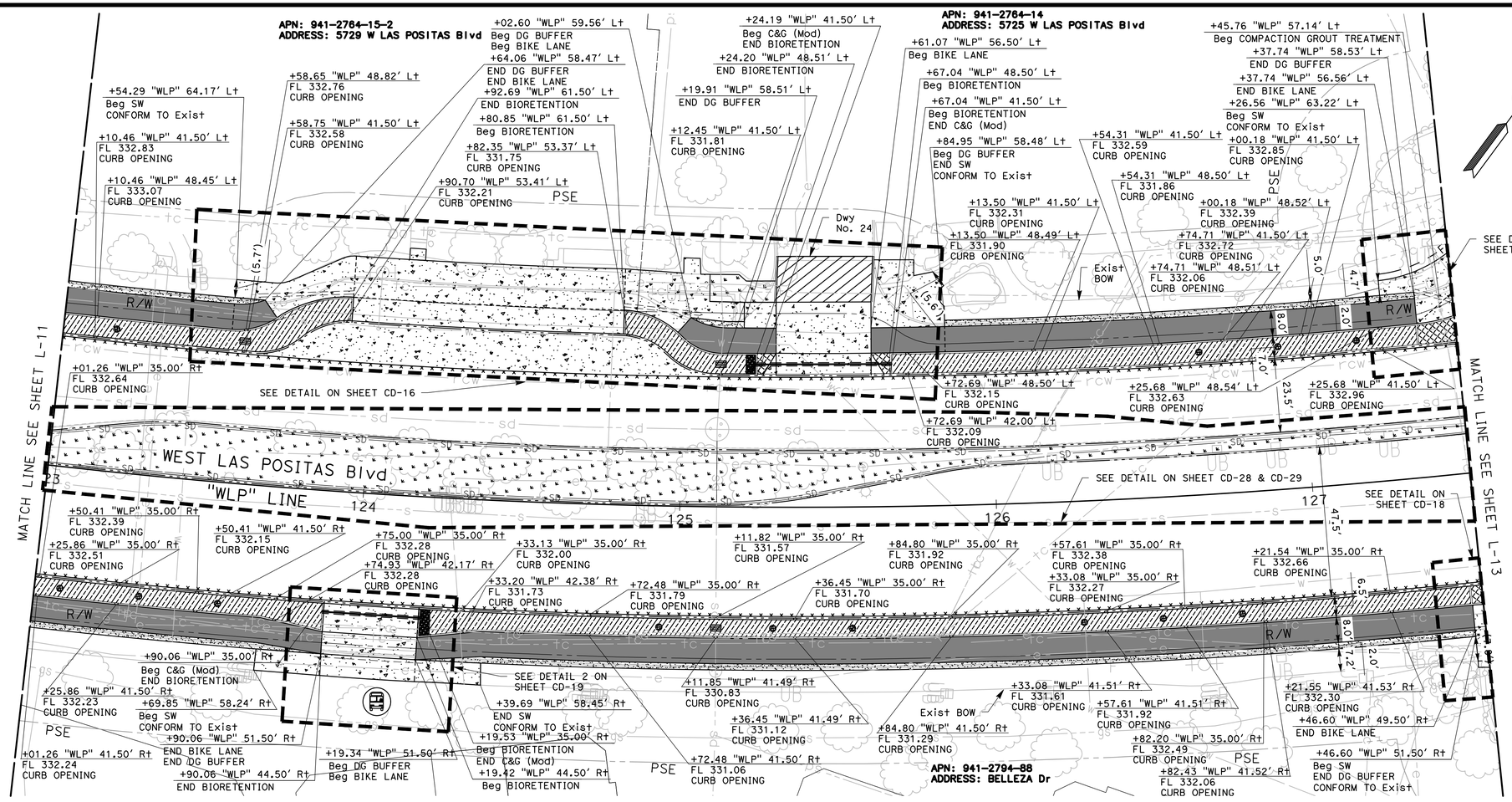
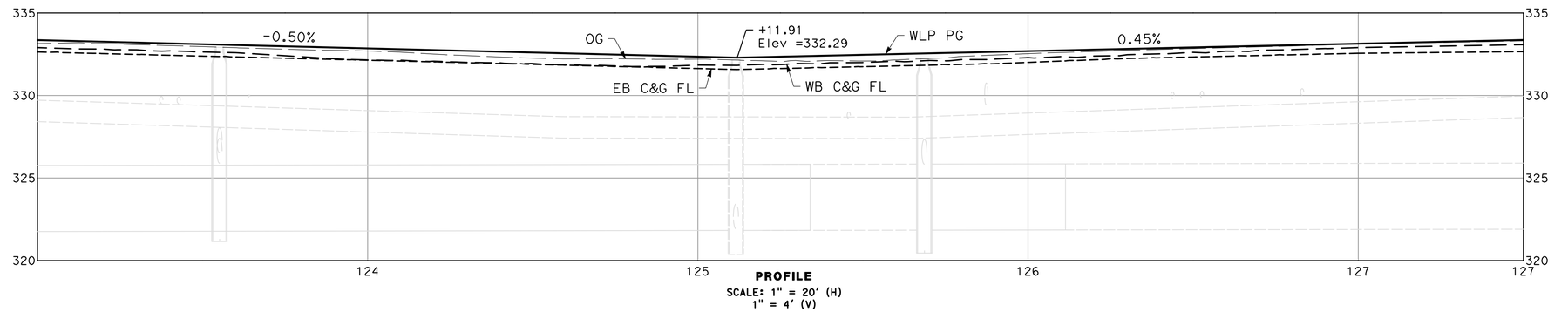
SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	L-11 32 OF 230





NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.

Underground Service Alert

Call: TOLL FREE

1-800

642-2444

TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

SCALE: 1"=20'

MARK THOMAS

2121 N CALIFORNIA BLVD, SUITE 260

WALNUT CREEK, CA 94596

(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ

DRAWN BY: MIDORI HAYASHI

CITY OF PLEASANTON

WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT

CIP#11514

LAYOUTS

SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	L-12	33 OF 230

APN: 941-2764-14
ADDRESS: 5725 W LAS POSITAS Blvd

APN: 941-2764-6
ADDRESS: 5627 STONERIDGE Dr

APN: 941-2764-12-1
ADDRESS: 5505 SPRINGHOUSE Dr

APN: 941-2794-88
ADDRESS: BELLEZA Dr

STONERIDGE Dr

WEST LAS POSITAS Blvd

MATCH LINE SEE SHEET L-12

"WLP" LINE

Exist LIP
Exist FOC
Exist BOW
Exist MEDIAN CURB TO REMAIN
SEE DETAIL 1 ON SHEET CD-17
SEE DETAIL 1 ON SHEET CD-18
SEE DETAIL 1 ON SHEET CD-19
SEE DETAIL 4 ON SHEET CD-34
NEW FOC
ADJUST MONUMENT COVER TO GRADE
Dwy No. 25
PSE
R/W

+85.14 "WLP" 125.05' Lt
END C&G
CONFORM TO Exist

+58.89 "WLP" 93.10' Lt
END MEDIAN CURB
+52.87 "WLP" 92.76' Lt
Beg MEDIAN CURB

+70.68 "WLP" 113.82' Lt
END SW
CONFORM TO Exist

+94.91 "WLP" 83.43' Lt
Beg STAMPED ASPHALT
+55.85 "WLP" 60.44' Lt
END COMPACTION GROUT TREATMENT

+57.05 "WLP" 41.00' Lt
Beg STAMPED ASPHALT

+31.97 "WLP" 53.00' Lt
Beg STAMPED ASPHALT

+57.05 "WLP" 40.00' Lt
END TRANSITION TO C&G
Beg C&G
+51.95 "WLP" 41.00' Lt
Beg TRANSITION TO C&G
END C&G (Mod)

+58.58 "WLP" 15.50' Lt
END HARDSCAPE
END MEDIAN CURB

+32.05 "WLP" 52.02' Lt
Beg C&G TRANSITION
END C&G

+99.79 "WLP" 135.37' Lt
Beg C&G
CONFORM TO Exist

+08.69 "WLP" 118.28' Lt
Beg SW
CONFORM TO Exist
+92.90 "WLP" 90.21' Lt
END STAMPED ASPHALT
+32.54 "WLP" 68.82' Lt
Beg COMPACTION GROUT TREATMENT
+42.43 "WLP" 65.48' Lt
END COMPACTION GROUT TREATMENT
+50.05 "WLP" 69.00' Lt
Beg DG BUFFER
END SW
CONFORM TO Exist
+50.05 "WLP" 67.00' Lt
Beg BIKE LANE
+42.59 "WLP" 59.50' Lt
Beg BIORETENTION

+48.65 "WLP" 53.50' Lt
FL 333.40
CURB OPENING
+42.59 "WLP" 53.50' Lt
Beg BIORETENTION
END C&G (Mod)

+37.04 "WLP" 53.00' Lt
END C&G TRANSITION
Beg C&G (Mod)

+84.03 "WLP" 59.00' Lt
FL 333.40
CURB OPENING
+84.03 "WLP" 53.50' Lt
FL 333.40
CURB OPENING
+48.65 "WLP" 59.08' Lt
FL 333.40
CURB OPENING

+14.91 "WLP" 66.64' Lt
END BIKE LANE
+08.83 "WLP" 59.00' Lt
END BIORETENTION
+08.83 "WLP" 53.50' Lt
Beg C&G (Mod)
END BIORETENTION
+97.58 "WLP" 68.99' Lt
END DG BUFFER
+85.71 "WLP" 59.00' Lt
FL 333.41
CURB OPENING
+85.71 "WLP" 53.50' Lt
FL 333.41
CURB OPENING
+55.71 "WLP" 59.00' Lt
FL 332.84
CURB OPENING

+55.71 "WLP" 53.50' Lt
FL 333.40
CURB OPENING
+24.03 "WLP" 59.00' Lt
FL 333.40
CURB OPENING
+24.03 "WLP" 53.50' Lt
FL 333.40
CURB OPENING

+40.68 "WLP" 67.00' Lt
Beg BIKE LANE
+46.68 "WLP" 59.00' Lt
Beg BIORETENTION
+46.68 "WLP" 53.50' Lt
Beg BIORETENTION
END C&G (Mod)
+60.86 "WLP" 69.07' Lt
Beg DG BUFFER
+14.71 "WLP" 53.50' Lt
FL 334.75
CURB OPENING
+14.71 "WLP" 59.00' Lt
FL 334.75
CURB OPENING

+64.71 "WLP" 53.50' Lt
FL 334.14
CURB OPENING

+89.71 "WLP" 59.00' Lt
FL 334.40
CURB OPENING
+89.71 "WLP" 53.50' Lt
FL 334.40
CURB OPENING
+64.71 "WLP" 59.00' Lt
FL 334.14
CURB OPENING

+64.71 "WLP" 53.50' Lt
FL 335.53
CURB OPENING

+13.07 "WLP" 64.59' Lt
END BIKE LANE
END DG BUFFER
+88.00 "WLP" 59.00' Lt
Beg HARDSCAPE
END BIORETENTION
+88.00 "WLP" 53.50' Lt
Beg HARDSCAPE
Beg C&G (Mod)
END BIORETENTION
+39.71 "WLP" 53.50' Lt
FL 335.12
CURB OPENING
+39.71 "WLP" 59.00' Lt
FL 335.12
CURB OPENING

+64.71 "WLP" 59.00' Lt
FL 335.53
CURB OPENING

+53.01 "WLP" 57.81' Lt
END C&G TRANSITION
CONFORM TO Exist

+20.07 "WLP" 54.64' Lt
END HARDSCAPE
+45.38 "WLP" 57.57' Lt
Beg C&G TRANSITION
+53.01 "WLP" 34.65' Lt
LIMITS OF HMA OVERLAY

+56.54 "WLP" 35.00' Rt
Beg C&G TRANSITION
END C&G (Mod)

+61.49 "WLP" 35.00' Rt
Beg C&G
END HARDSCAPE
END C&G TRANSITION

+29.43 "WLP" 23.00' Rt
END STAMPED ASPHALT

+71.34 "WLP" 34.54' Rt
END STAMPED ASPHALT

+52.51 "WLP" 49.55' Rt
Beg COMPACTION GROUT TREATMENT

+62.43 "WLP" 51.23' Rt
END COMPACTION GROUT TREATMENT

+90.35 "WLP" 72.19' Rt
Beg COMPACTION GROUT TREATMENT

+03.17 "WLP" 60.83' Rt
Beg STAMPED ASPHALT

+91.65 "WLP" 110.21' Rt
END SW
COMFORM TO Exist

+97.88 "WLP" 116.70' Rt
END C&G
CONFORM TO Exist

+48.49 "WLP" 23.51' Rt
FL 332.48
CURB OPENING

+28.91 "WLP" 38.53' Rt
Beg COMPACTION GROUT TREATMENT
+93.04 "WLP" 53.95' Rt
END STAMPED ASPHALT
+01.22 "WLP" 63.53' Rt
END COMPACTION GROUT TREATMENT
+98.62 "WLP" 73.68' Rt
Beg COMPACTION GROUT TREATMENT
+08.16 "WLP" 92.60' Rt
Beg SW
CONFORM TO Exist
+00.12 "WLP" 113.03' Rt
Beg C&G
CONFORM TO Exist

+95.05 "WLP" 81.75' Rt
END COMPACTION GROUT TREATMENT

+30.67 "WLP" 19.00' Rt
LIMITS OF HMA OVERLAY
+72.32 "WLP" 26.27' Rt
Beg HARDSCAPE
Beg C&G (Mod)
END BIORETENTION
+30.67 "WLP" 39.17' Rt
END C&G
END DG BUFFER
CONFORM TO Exist
+85.57 "WLP" 30.50' Rt
END HARDSCAPE AREA
+41.19 "WLP" 23.50' Rt
Beg BIORETENTION
END C&G (Mod)
END HARDSCAPE
+85.12 "WLP" 46.94' Rt
END SW
CONFORM TO Exist
+34.43 "WLP" 23.50' Rt
END C&G TRANSITION
Beg C&G (Mod)
+29.55 "WLP" 23.50' Rt
END C&G
Beg C&G TRANSITION
Beg HARDSCAPE
+38.96 "WLP" 37.31' Rt
END COMPACTION GROUT TREATMENT

(14.1')
(8.8')
(6.2')
(10.0')
(8.5')
(2.0')
(47.5')
(6.4')
(4.0')
(6.0')
(38.7')
(6.6')
(5.8')
(8.2')

WLP PG
+59.47
Elev =(333.40)
CONFORM TO Exist
OG
WB C&G FL
EB C&G FL

PROFILE
SCALE: 1" = 20' (H)
1" = 4' (V)

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Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

SCALE: 1"=20'

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
LAYOUTS

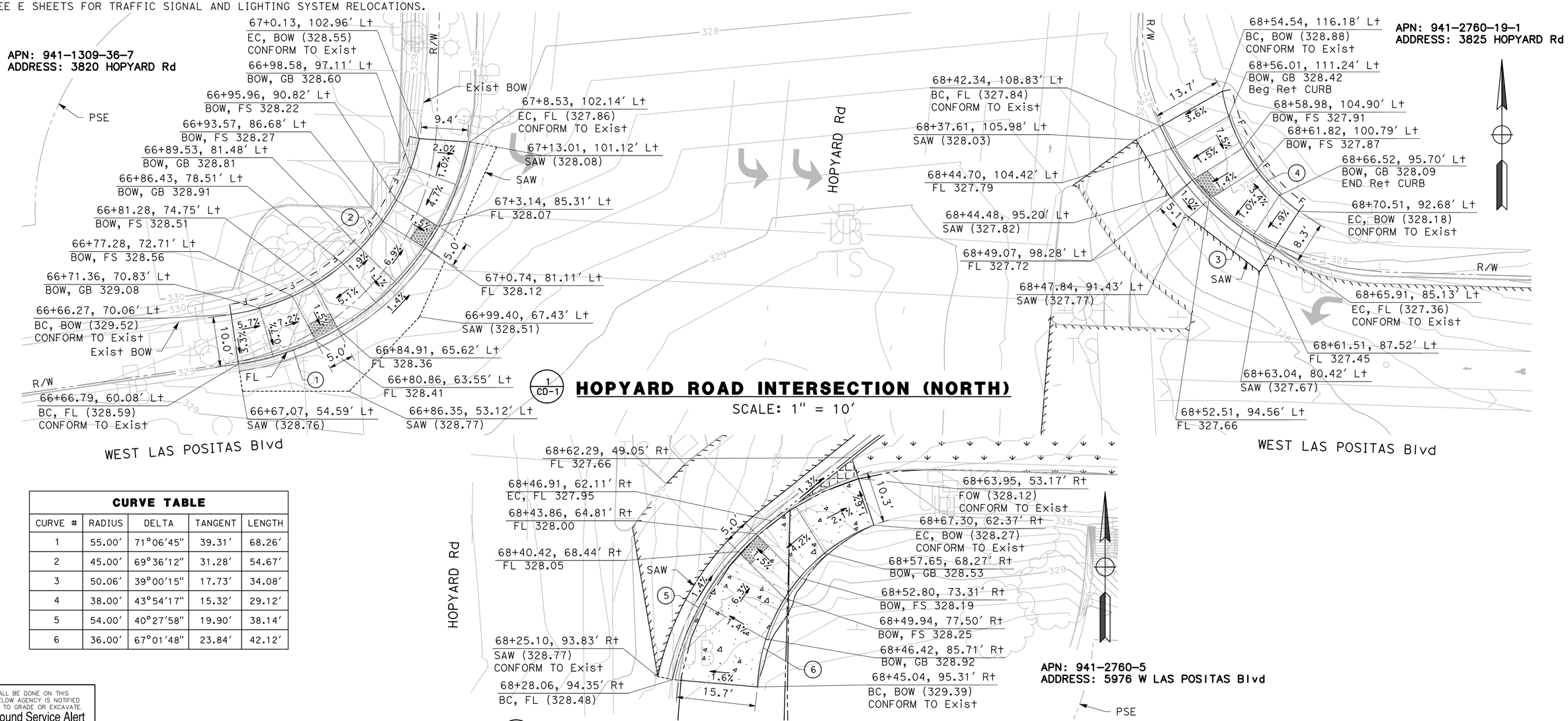
SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	L-13 34 OF 230

NOTES:

1. FOR ACCURATE CITY RIGHT OF WAY DATA, CONTACT CITY OF PLEASANTON.
2. FOR CURB RAMP INFORMATION, SEE CITY OF PLEASANTON STANDARD DETAILS.
3. FOR BUS STOP DETAILS, SEE CITY OF PLEASANTON STANDARD DETAILS.
4. FOR CURB, CURB & GUTTER, DRIVEWAY, HARDSCAPE, AND SIDEWALK DETAILS, SEE CITY OF PLEASANTON STANDARD DETAILS.
5. SEE E SHEETS FOR TRAFFIC SIGNAL AND LIGHTING SYSTEM RELOCATIONS.

LEGEND:

- MINOR CONCRETE (COLORED)
- LANDSCAPE AREA
- BIORETENTION AREA
- HARDSCAPE AREA
- DETECTABLE WARNING SURFACE
- DECOMPOSED GRANITE BUFFER
- COMPACTION GROUT TREATMENT
- LIMITS OF COLD PLANE AC PAVEMENT
- LIMITS OF PAVEMENT RECONSTRUCTION



1 / CD-1 **HOPYARD ROAD INTERSECTION (NORTH)**
SCALE: 1" = 10'

2 / CD-1 **HOPYARD ROAD INTERSECTION (SOUTHEAST)**
SCALE: 1" = 10'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	55.00'	71°06'45"	39.31'	68.26'
2	45.00'	69°36'12"	31.28'	54.67'
3	50.06'	39°00'15"	17.73'	34.08'
4	38.00'	43°54'17"	15.32'	29.12'
5	54.00'	40°27'58"	19.90'	38.14'
6	36.00'	67°01'48"	23.84'	42.12'

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642-2444
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95% PLANS (NOT FOR CONSTRUCTION)

SCALE: 1"=10'

MARK THOMAS
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WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN CHARCHIOGLOU
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI/MANAAL CHOWDHURY/ALAN MILLAR

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

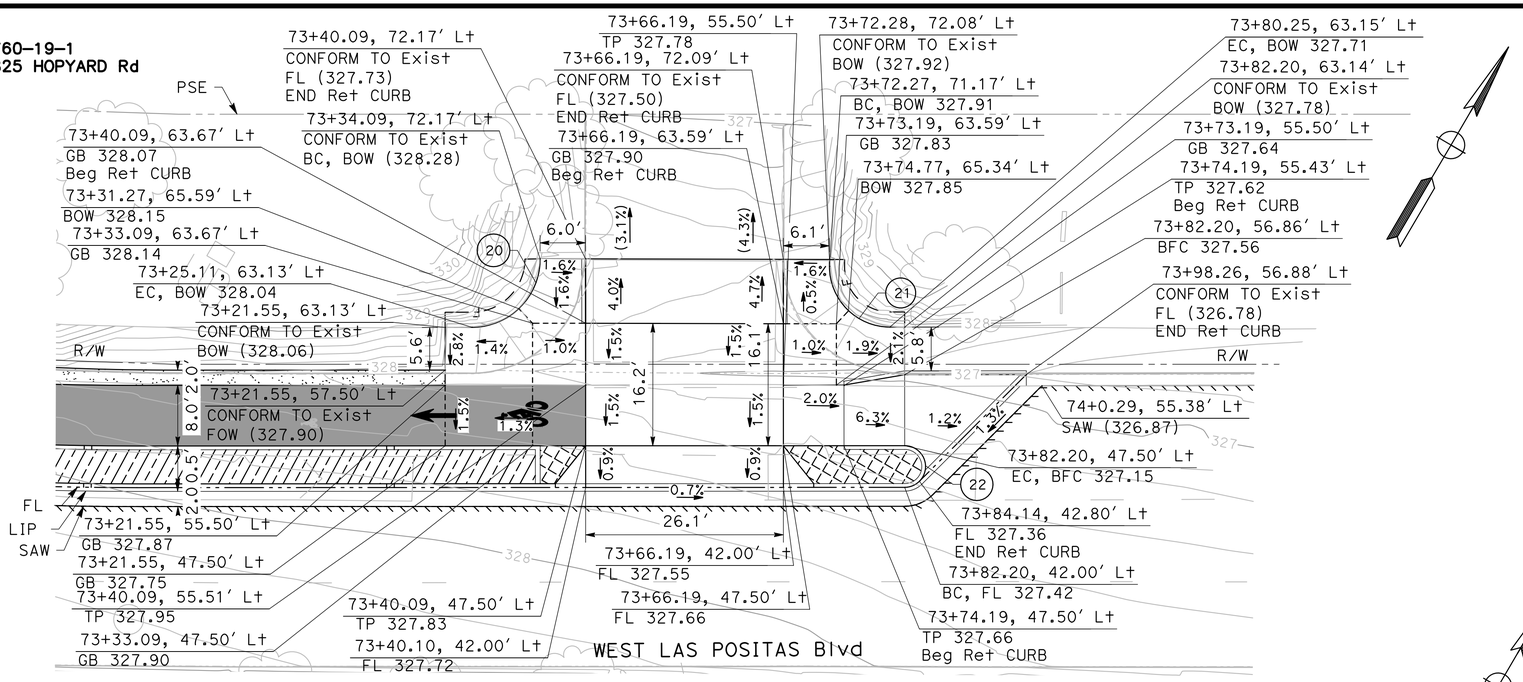
SCALE:	DATE:	PIN:	SHEET:
1"=10'	5/30/2025	22-20106	CD-1 35 OF 230

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
8	6.00′	90°12′57″	6.02′	9.45′
9	22.00′	39°24′02″	7.88′	15.13′
10	22.00′	39°24′02″	7.88′	15.13′
11	29.00′	45°12′50″	12.08′	22.88′
12	15.00′	45°12′50″	6.25′	11.84′
13	10.00′	28°19′55″	2.52′	4.94′
14	22.00′	39°24′02″	7.88′	15.13′
15	22.00′	39°24′02″	7.88′	15.13′
16	15.00′	39°31′40″	5.39′	10.35′
17	30.00′	45°39′39″	12.63′	23.91′
18	32.00′	40°00′10″	11.65′	22.34′
19	12.00′	39°59′59″	4.37′	8.38′
20	9.00′	89°54′32″	8.99′	14.12′
21	8.00′	90°00′43″	8.00′	12.57′
22	2.75′	180°00′00″	INFINITY′	8.64′
33	10.00′	28°21′16″	2.53′	4.95′

APN: 941-2760-19-1
ADDRESS: 3825 HOPYARD Rd

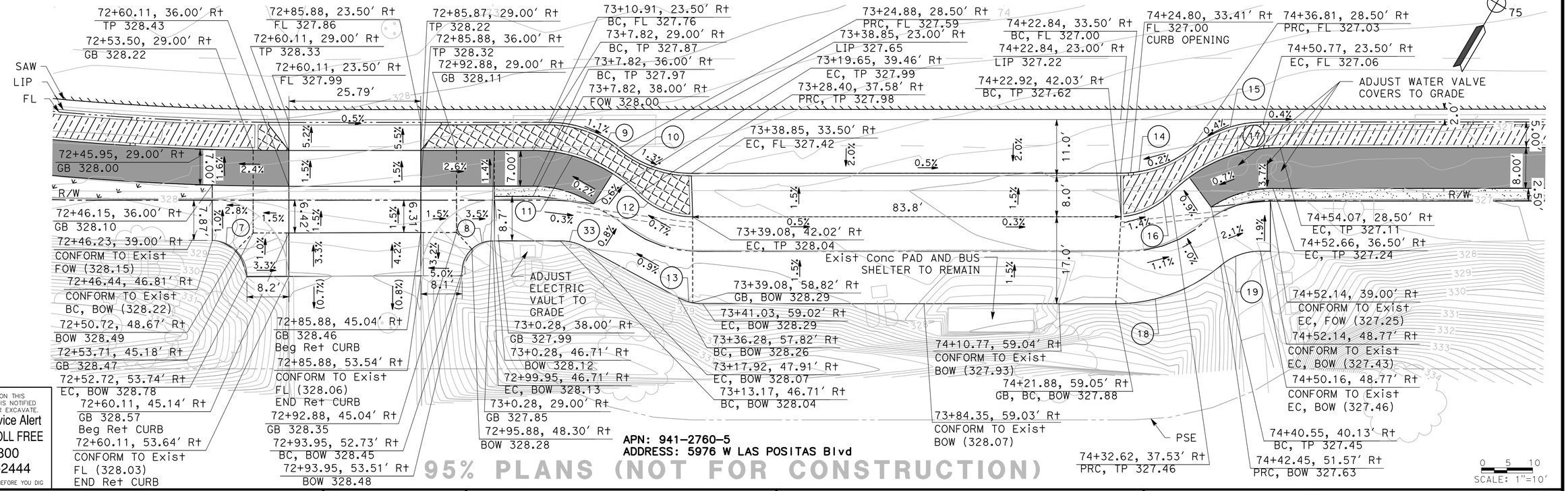
1/CD-2 DRIVEWAY #2

SCALE: 1" = 10′



2/CD-2 DRIVEWAY #1 & BUS STOP #1

SCALE: 1" = 10′



APN: 941-2760-5
ADDRESS: 5976 W LAS POSITAS Blvd

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

0 5 10
SCALE: 1"=10′

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

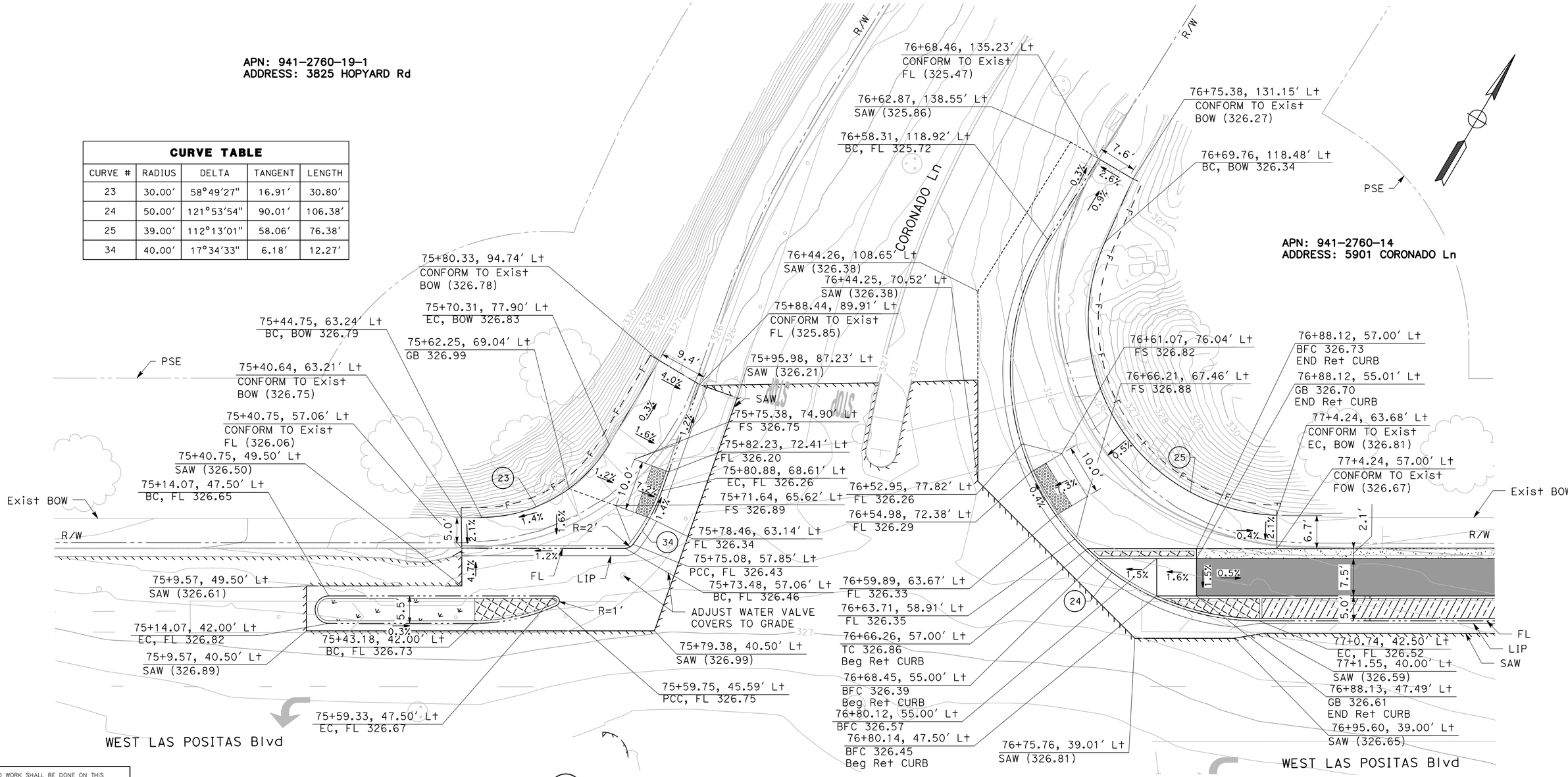
DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI/MANAAL CHOWDHURY/ALAN MILLAR

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:	CD-2	SHEET:
1"=10′	5/30/2025	22-20106		36 OF 230

APN: 941-2760-19-1
ADDRESS: 3825 HOPYARD Rd

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
23	30.00′	58°49′27"	16.91′	30.80′
24	50.00′	121°53′54"	90.01′	106.38′
25	39.00′	112°13′01"	58.06′	76.38′
34	40.00′	17°34′33"	6.18′	12.27′



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TWO WORKING DAYS BEFORE YOU DIG

1 / CD-3 **CORONADO LANE INTERSECTION**

SCALE: 1" = 10′

95% PLANS (NOT FOR CONSTRUCTION)

0 5 10
SCALE: 1"=10′

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WALNUT CREEK, CA 94596
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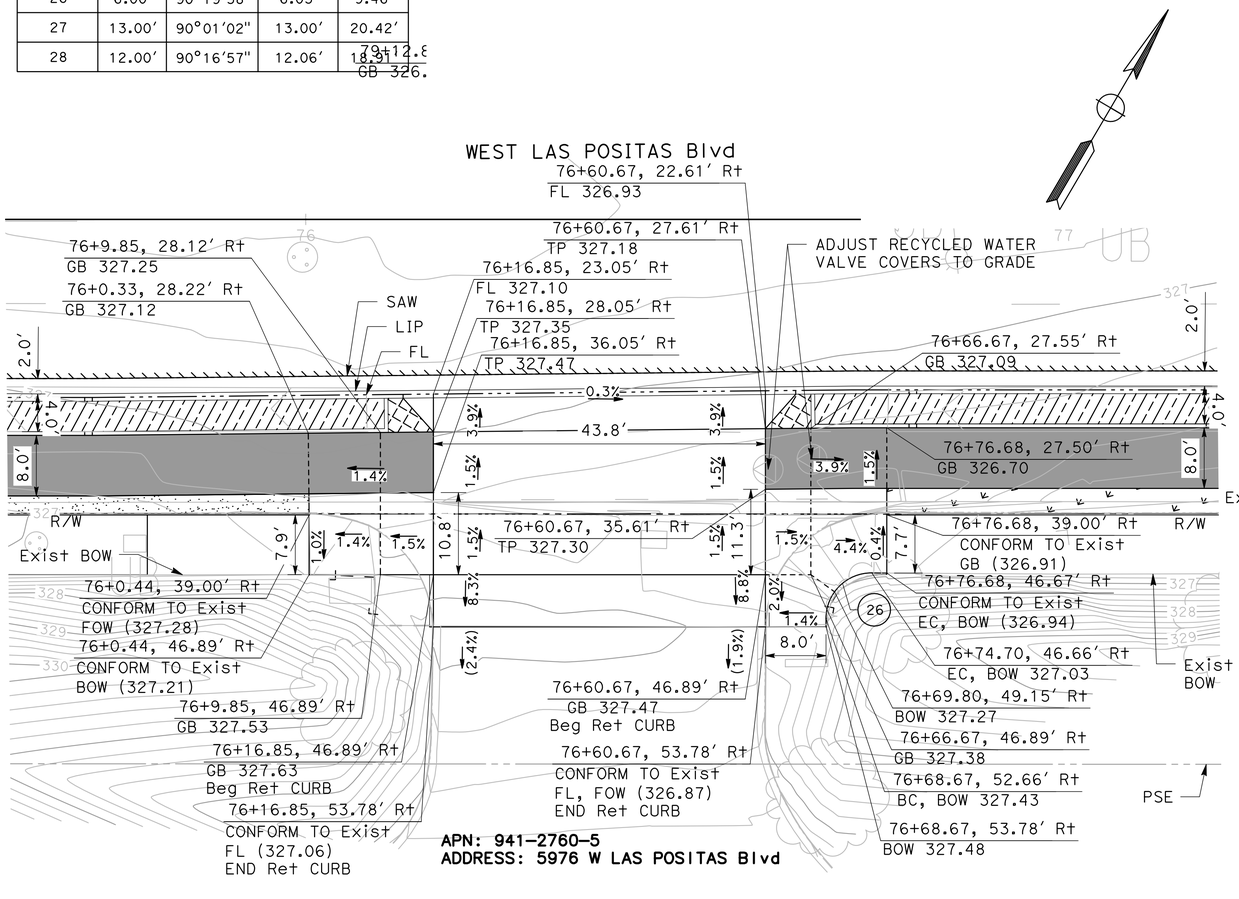
DRAWN BY: MIDORI HAYASHI/MANAAL CHOWDHURY/ALAN MILLAR

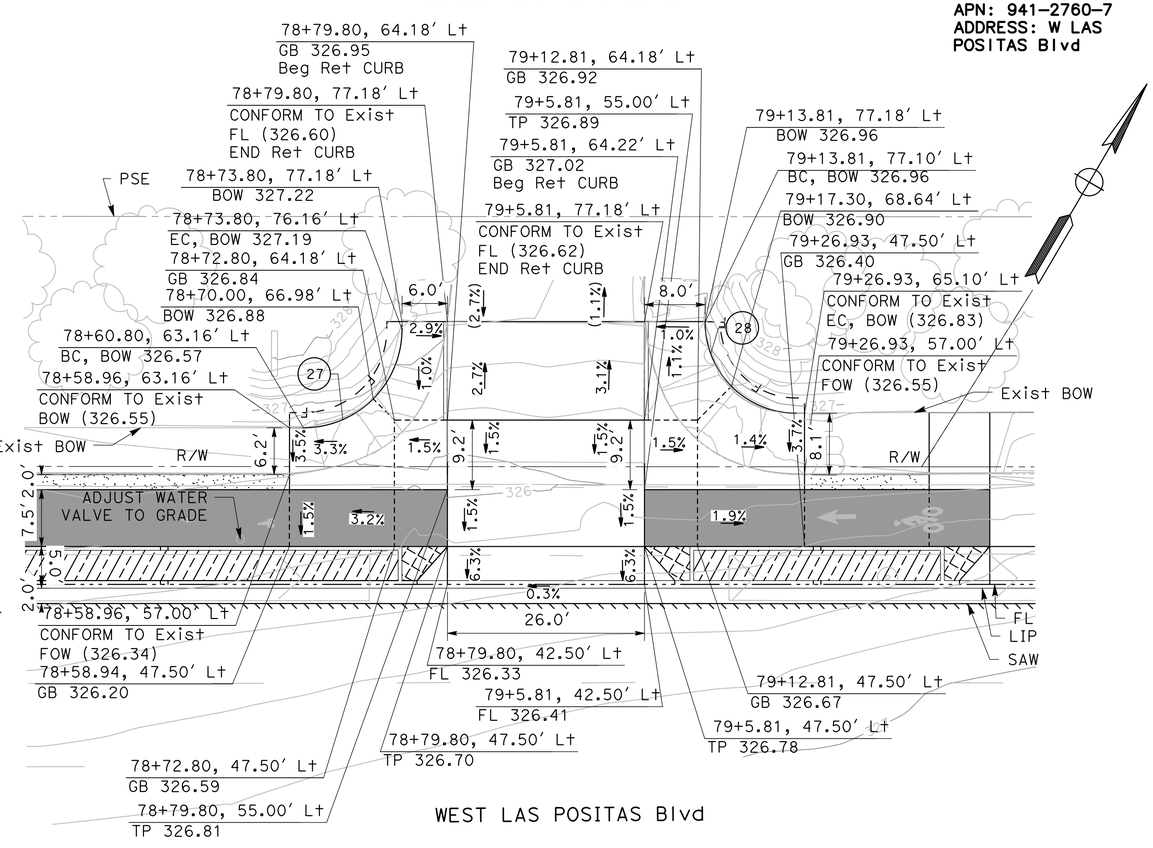
CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10′	5/30/2025	22-20106	CD-3	37 OF 230

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
26	6.00′	90°19′58"	6.03′	9.46′
27	13.00′	90°01′02"	13.00′	20.42′
28	12.00′	90°16′57"	12.06′	18.91′

79+12.8
GB 326.





1/CD-4 **DRIVEWAY #3**
SCALE: 1" = 10′

2/CD-4 **DRIVEWAY #4**
SCALE: 1" = 10′

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0 5 10
SCALE: 1"=10′

MARK THOMAS
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ARSALAN CHARACHORLOO
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STATE OF CALIFORNIA

THE CITY OF PLEASANTON

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DRAWN BY: MIDORI HAYASHI/MANAAL CHOWDHURY/ALAN MILLAR

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10′	5/30/2025	22-20106	CD-4	38 OF 230

APN: 941-2760-7
ADDRESS: W LAS POSITAS Blvd

APN: 941-2760-27
ADDRESS: 5925 W LAS POSITAS Blvd

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
29	7.00′	90°36′50"	7.08′	11.07′
30	7.00′	91°00′27"	7.12′	11.12′
31	9.50′	76°44′40"	7.52′	12.72′
32	8.00′	85°37′02"	7.41′	11.95′
33	6.50′	89°24′52"	6.43′	10.14′
34	7.00′	89°02′32"	6.88′	10.88′

1 / CD-5

DRIVEWAY #6

SCALE: 1" = 10′

81+9.92, 74.66′ Lt
EC, BOW 327.96
81+9.94, 73.67′ Lt
EC, BOW 327.93
81+7.94, 68.82′ Lt
BOW 327.76
81+10.17, 66.65′ Lt
GB 327.74
81+3.80, 67.03′ Lt
BC, BOW 327.62
81+18.39, 57.10′ Lt
TP 327.71
80+98.74, 66.88′ Lt
BOW 327.53
81+10.73, 49.38′ Lt
GB 327.48
Exist BOW
R/W
80+99.21, 49.05′ Lt
GB 327.26
FL
LIP
SAW
81+18.59, 49.60′ Lt
TP 327.60
PSE
81+17.92, 74.87′ Lt
CONFORM TO Exist
FL (327.33)
Beg Ret CURB
81+18.13, 66.87′ Lt
GB 327.86
END Ret CURB
81+43.02, 75.52′ Lt
CONFORM TO Exist
FL (327.42)
Beg Ret CURB
81+43.22, 67.52′ Lt
GB 327.76
END Ret CURB
81+51.03, 75.77′ Lt
CONFORM TO Exist
BC, BOW (327.61)
81+53.85, 70.32′ Lt
BOW 327.68
81+52.02, 67.76′ Lt
GB 327.67
81+57.97, 69.00′ Lt
EC, BOW 327.73
81+60.32, 69.03′ Lt
CONFORM TO Exist
BOW (327.76)
81+60.52, 60.18′ Lt
CONFORM TO Exist
FOW (327.53)
81+60.58, 58.18′ Lt
GB 327.50
Exist BOW
R/W
81+60.79, 50.68′ Lt
GB 327.39
81+52.49, 50.48′ Lt
GB 327.48
FL
LIP
ADJUST WATER VALVE COVERS TO GRADE
81+43.45, 57.76′ Lt
TP 327.66
81+43.64, 50.26′ Lt
TP 327.58
81+43.77, 44.88′ Lt
FL 327.46
81+18.74, 44.36′ Lt
FL 327.50
81+52.29, 57.98′ Lt
GB 327.58
WEST LAS POSITAS Blvd
"WLP" LINE
WEST LAS POSITAS Blvd

APN: 941-2760-6
ADDRESS: W LAS POSITAS Blvd

80+28.85, 22.50′ Rt
FL 327.17
80+28.85, 27.50′ Rt
TP 327.32
80+28.85, 35.50′ Rt
TP 327.36
80+13.38, 27.50′ Rt
GB 327.04
80+15.07, 46.94′ Rt
BC, BOW 327.34
80+20.08, 48.93′ Rt
BOW 327.36
80+21.74, 47.25′ Rt
GB 327.31
80+22.24, 53.97′ Rt
EC, BOW 327.41
80+22.24, 54.25′ Rt
BOW 327.41
80+28.85, 54.26′ Rt
CONFORM TO Exist
FL (326.75)
END Ret CURB
SAW
LIP
FL
R/W

2 / CD-5

DRIVEWAY #5

SCALE: 1" = 10′

80+55.49, 27.50′ Rt
TP 327.51
80+55.49, 22.50′ Rt
FL 327.36
80+55.49, 35.50′ Rt
TP 327.55
80+62.56, 27.50′ Rt
GB 327.40
80+71.58, 27.50′ Rt
GB 327.17
80+71.58, 39.00′ Rt
CONFORM TO Exist
FOW (327.34)
80+71.55, 46.51′ Rt
CONFORM TO Exist
BOW (327.50)
80+69.76, 46.50′ Rt
EC, BOW 327.49
80+64.46, 48.80′ Rt
BOW 327.48
80+62.60, 47.14′ Rt
GB 327.50
80+62.61, 53.58′ Rt
BC, BOW 327.45
80+55.49, 54.14′ Rt
CONFORM TO Exist
FL (327.07)
END Ret CURB
80+28.85, 47.26′ Rt
GB 327.42
Beg Ret CURB
80+55.49, 47.14′ Rt
GB 327.61
Beg Ret CURB
80+62.62, 54.08′ Rt
CONFORM TO Exist
BOW (327.45)
Exist BOW
PSE

APN: 941-2760-11
ADDRESS: 5964 W LAS POSITAS Blvd

82+58.04, 22.50′ Rt
FL 326.92
82+58.04, 27.50′ Rt
TP 327.24
82+58.04, 35.50′ Rt
TP 327.36
82+41.56, 27.50′ Rt
GB 326.88
82+41.56, 35.50′ Rt
GB 327.00
Exist BOW
R/W
82+41.56, 39.00′ Rt
CONFORM TO Exist
FOW (327.06)
82+41.56, 46.51′ Rt
CONFORM TO Exist
BC, BOW (327.26)
82+50.98, 27.50′ Rt
GB 327.14
82+48.13, 48.78′ Rt
BOW 327.27
82+50.94, 45.52′ Rt
GB 327.41
82+51.19, 53.52′ Rt
CONFORM TO Exist
EC, BOW (327.22)
82+58.04, 45.53′ Rt
GB 327.51
Beg Ret CURB
82+58.04, 53.53′ Rt
CONFORM TO Exist
FL (326.82)
END Ret CURB
83+18.83, 27.50′ Rt
TP 326.95
83+18.83, 22.50′ Rt
FL 326.63
83+18.83, 45.79′ Rt
GB 327.13
Beg Ret CURB
83+18.83, 53.79′ Rt
CONFORM TO Exist
FL (326.36)
END Ret CURB
83+25.89, 27.50′ Rt
GB 326.85
83+36.65, 27.50′ Rt
GB 326.43
83+18.83, 35.50′ Rt
TP 327.03
83+36.65, 39.00′ Rt
CONFORM TO Exist
FOW (326.60)
83+36.58, 46.51′ Rt
CONFORM TO Exist
BOW (326.72)
83+33.84, 46.49′ Rt
EC, BOW 326.76
83+28.36, 48.50′ Rt
BOW 326.87
83+25.93, 45.78′ Rt
GB 327.03
83+25.64, 53.78′ Rt
BOW 326.92
Exist BOW
SAW
LIP
FL
PSE

3 / CD-5

DRIVEWAY #7

SCALE: 1" = 10′

APN: 941-2760-11
ADDRESS: 5964 W LAS POSITAS Blvd

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95% PLANS (NOT FOR CONSTRUCTION)

0 5 10
SCALE: 1"=10′

MARK THOMAS
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WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

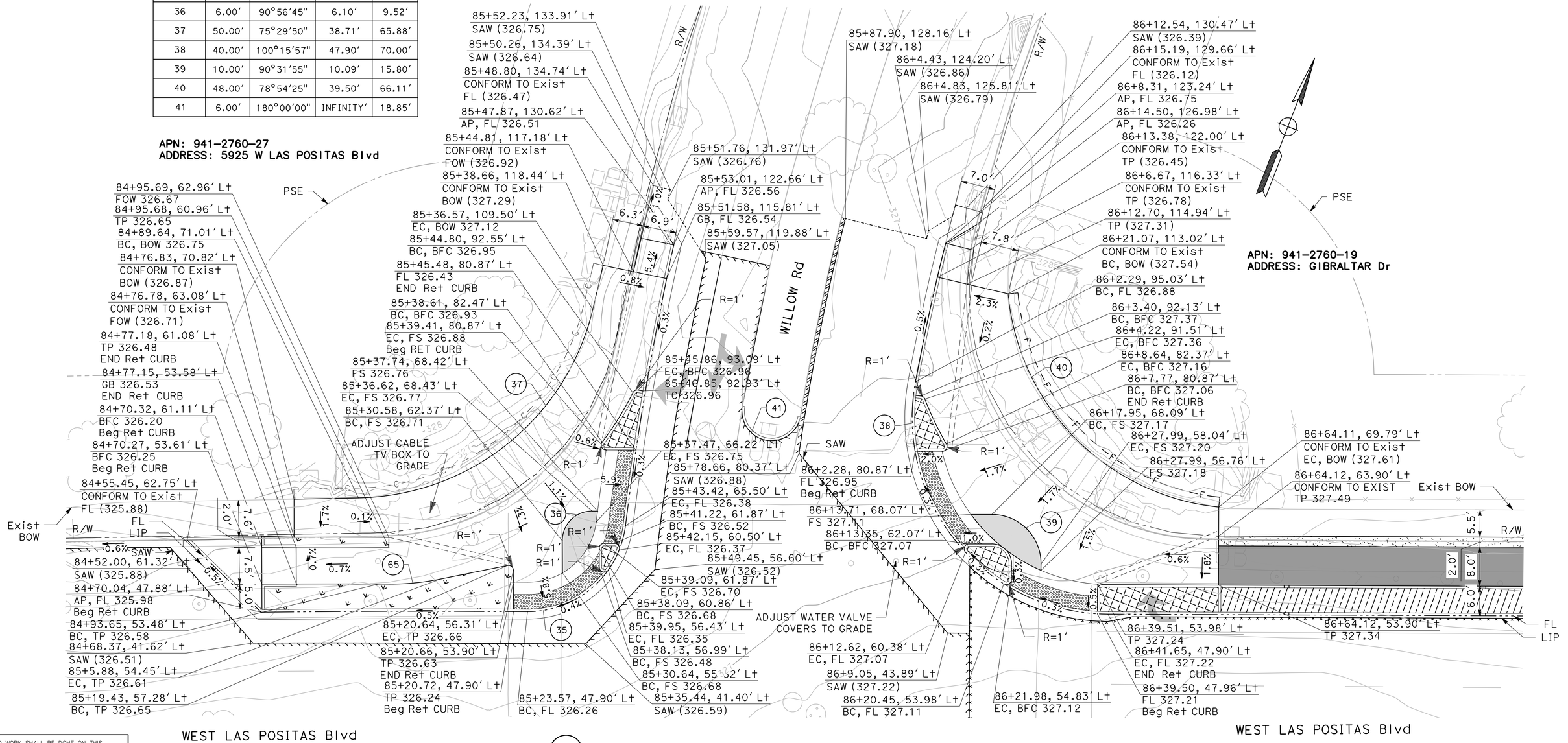
REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI/MANAAL CHOWDHURY/ALAN MILLAR

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:	CD-5	SHEET:
1"=10′	5/30/2025	22-20106		39 OF 230

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
35	20.00′	83°05′52"	17.72′	29.01′
36	6.00′	90°56′45"	6.10′	9.52′
37	50.00′	75°29′50"	38.71′	65.88′
38	40.00′	100°15′57"	47.90′	70.00′
39	10.00′	90°31′55"	10.09′	15.80′
40	48.00′	78°54′25"	39.50′	66.11′
41	6.00′	180°00′00"	INFINITY′	18.85′



1 / CD-6

WILLOW INTERSECTION (NORTH)

SCALE: 1" = 10′

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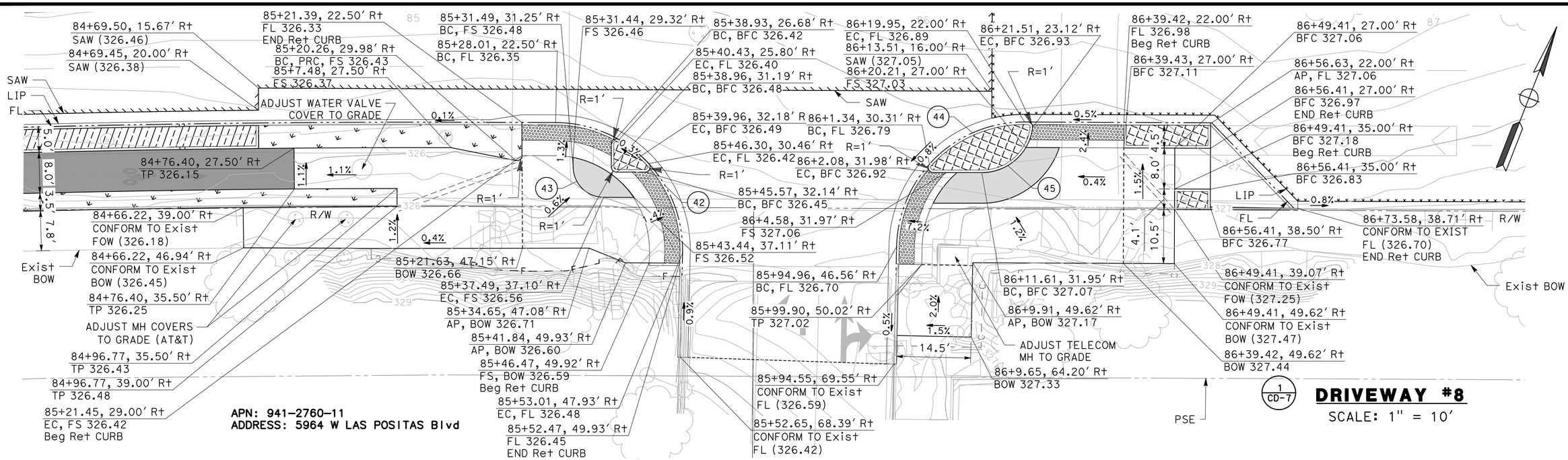
CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10′	5/30/2025	22-20106	CD-6	40 OF 230

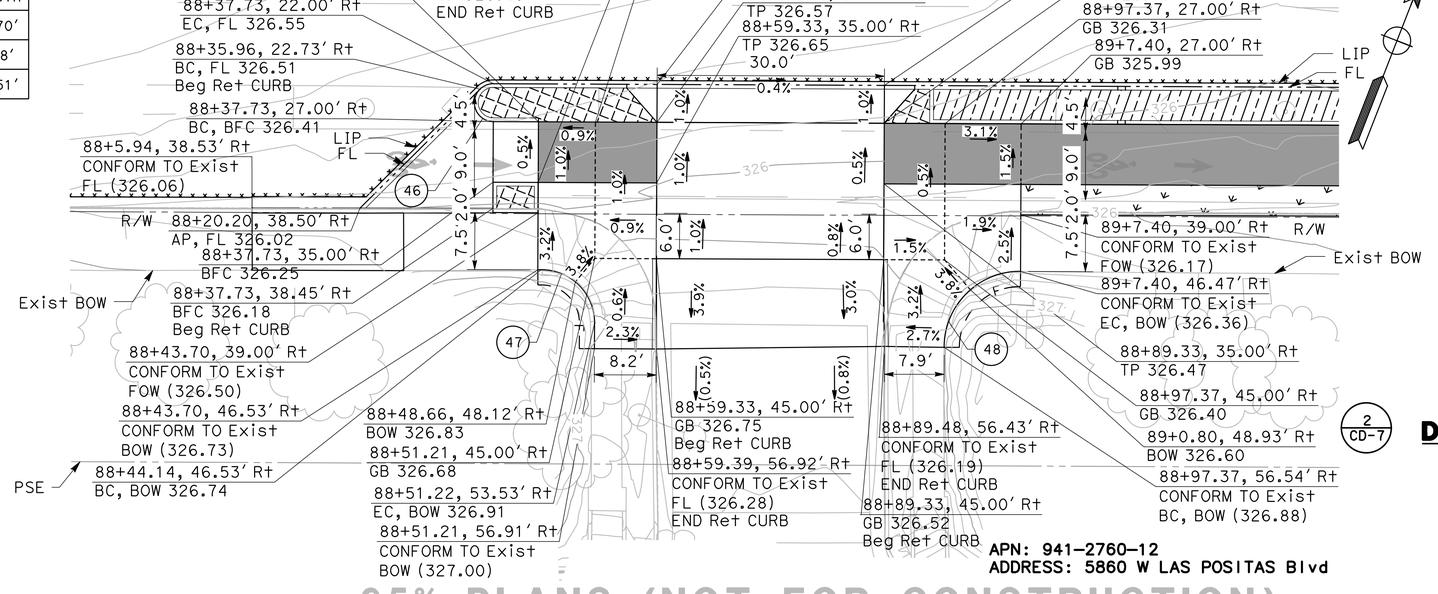


1 / CD-7

DRIVEWAY #8

SCALE: 1" = 10'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
42	25.00'	90°59'11"	25.43'	39.70'
43	6.00'	88°34'48"	5.85'	9.28'
45	10.00'	83°09'39"	8.87'	14.51'



2 / CD-7

DRIVEWAY #9

SCALE: 1" = 10'

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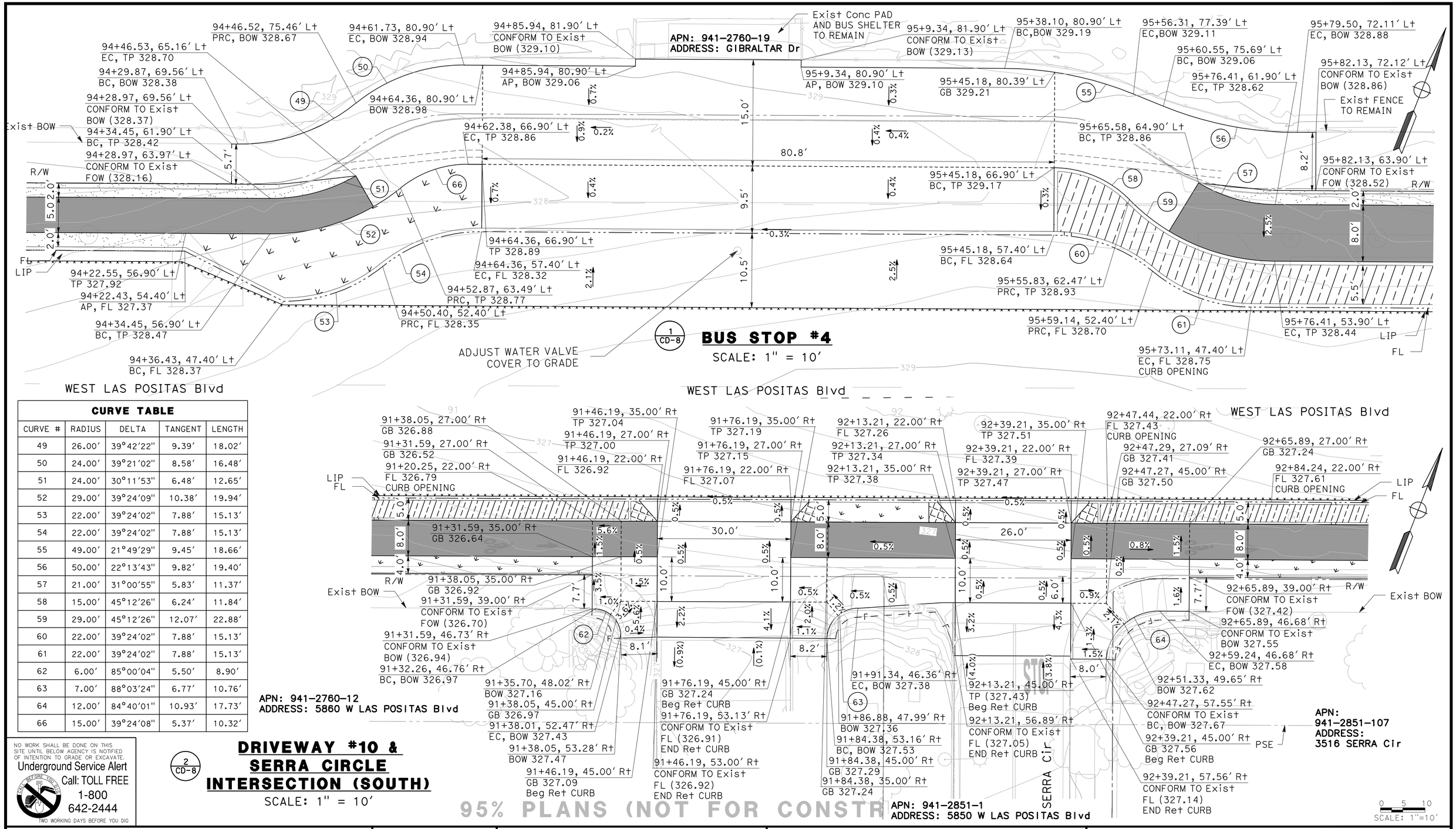
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10'	5/30/2025	22-20106	CD-7	41 OF 230



1 / CD-8

BUS STOP #4

SCALE: 1" = 10'

WEST LAS POSITAS Blvd

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
49	26.00'	39°42'22"	9.39'	18.02'
50	24.00'	39°21'02"	8.58'	16.48'
51	24.00'	30°11'53"	6.48'	12.65'
52	29.00'	39°24'09"	10.38'	19.94'
53	22.00'	39°24'02"	7.88'	15.13'
54	22.00'	39°24'02"	7.88'	15.13'
55	49.00'	21°49'29"	9.45'	18.66'
56	50.00'	22°13'43"	9.82'	19.40'
57	21.00'	31°00'55"	5.83'	11.37'
58	15.00'	45°12'26"	6.24'	11.84'
59	29.00'	45°12'26"	12.07'	22.88'
60	22.00'	39°24'02"	7.88'	15.13'
61	22.00'	39°24'02"	7.88'	15.13'
62	6.00'	85°00'04"	5.50'	8.90'
63	7.00'	88°03'24"	6.77'	10.76'
64	12.00'	84°40'01"	10.93'	17.73'
66	15.00'	39°24'08"	5.37'	10.32'

APN: 941-2760-12
ADDRESS: 5860 W LAS POSITAS Blvd

APN: 941-2851-1
ADDRESS: 5850 W LAS POSITAS Blvd

APN: 941-2851-107
ADDRESS: 3516 SERRA Cir

2 / CD-8

DRIVEWAY #10 & SERRA CIRCLE INTERSECTION (SOUTH)

SCALE: 1" = 10'

SCALE: 1"=10'

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Exp. 06-30-27
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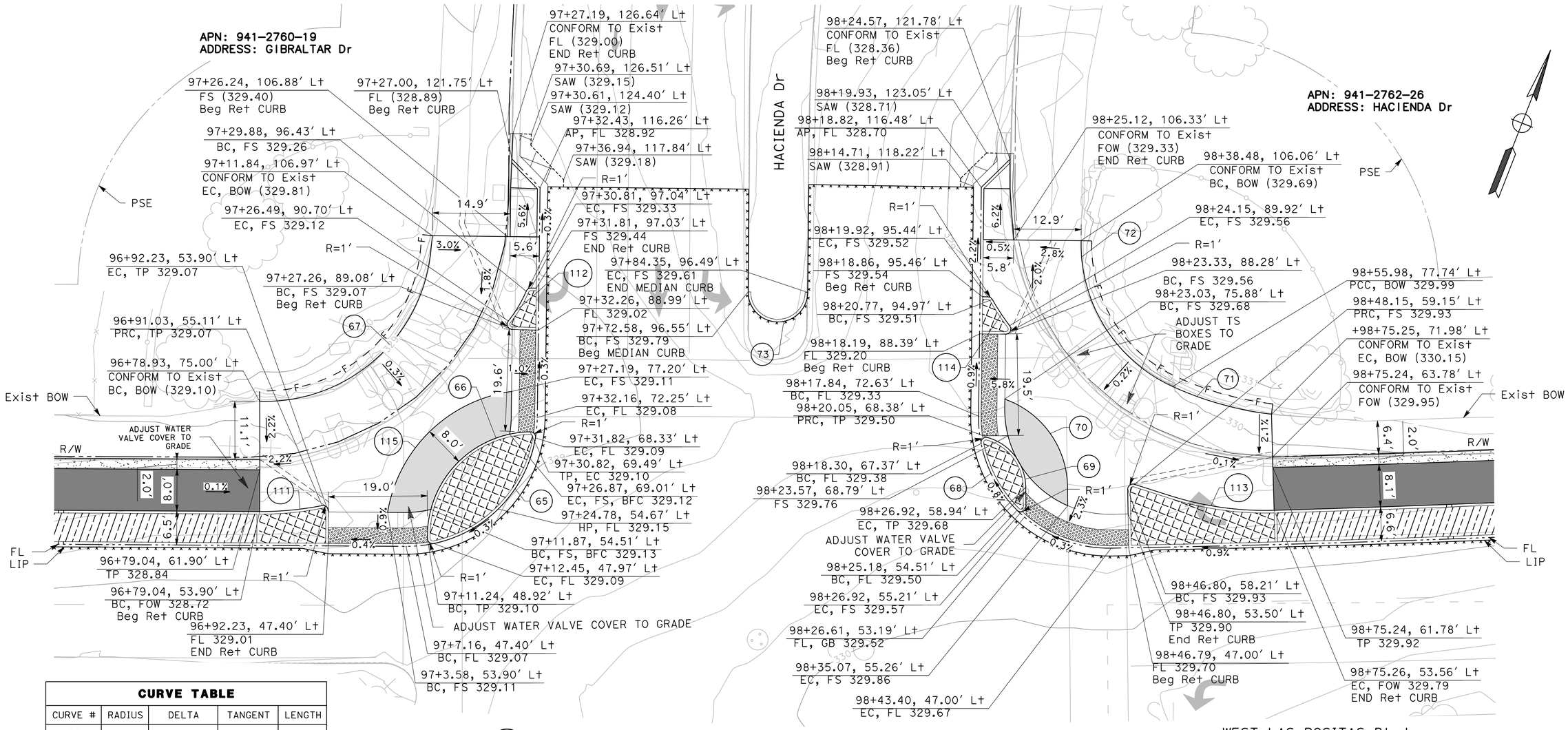
CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10'	5/30/2025	22-20106	CD-8	42 OF 230



1 / CD-9 HACIENDA DRIVE INTERSECTION (NORTH)

SCALE: 1" = 10'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
65	25.00'	89°39'10"	24.85'	39.12'
66	20.00'	90°27'59"	20.16'	31.58'
67	32.00'	83°31'33"	28.57'	46.65'
68	25.00'	91°40'10"	25.74'	40.00'
69	10.00'	73°35'09"	7.48'	12.84'
70	18.00'	69°48'08"	12.56'	21.93'
71	63.50'	17°50'26"	9.97'	19.77'
72	30.00'	66°42'26"	19.75'	34.93'
73	5.71'	180°00'00"	INFINITY'	17.95'
111	60.00'	11°31'51"	6.06'	12.08'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
112	25.00'	15°17'34"	3.36'	6.67'
113	60.00'	19°20'28"	10.22'	20.25'
114	47.00'	7°23'50"	3.04'	6.07'
115	28.00'	72°38'25"	20.58'	35.50'

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No. 90101
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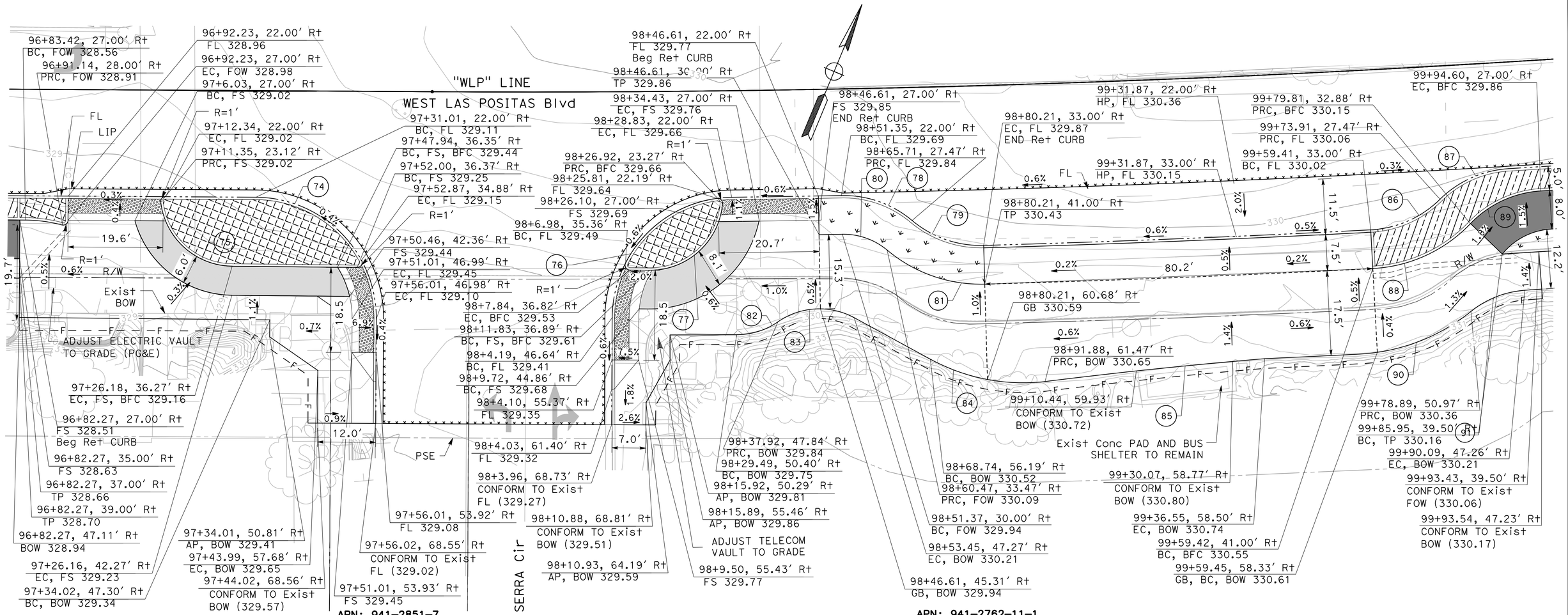
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10'	5/30/2025	22-20106	CD-9	43 OF 230



1
CD-10

HACIENDA DRIVE INTERSECTION (SOUTH) & BUS STOP #5

SCALE: 1" = 10'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
74	25.00'	89°57'48"	24.98'	39.25'
75	15.00'	82°42'11"	13.20'	21.65'
76	25.00'	88°58'04"	24.55'	38.82'
77	15.00'	85°49'49"	13.95'	22.47'
78	22.00'	41°09'38"	8.26'	15.80'
79	22.00'	41°39'45"	8.37'	16.00'
80	14.00'	41°04'42"	5.25'	10.04'
81	30.00'	41°39'45"	11.41'	21.81'
82	15.00'	34°39'32"	4.68'	9.07'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
83	15.00'	63°22'40"	9.26'	16.59'
84	40.00'	35°07'16"	12.66'	24.52'
85	1097.36'	2°22'48"	22.79'	45.58'
86	22.00'	41°39'39"	8.37'	16.00'
87	22.00'	41°09'35"	8.26'	15.80'
89	22.00'	42°44'41"	8.61'	16.41'
90	40.00'	35°56'31"	12.97'	25.09'
91	20.00'	34°45'45"	6.26'	12.13'

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(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
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No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

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REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

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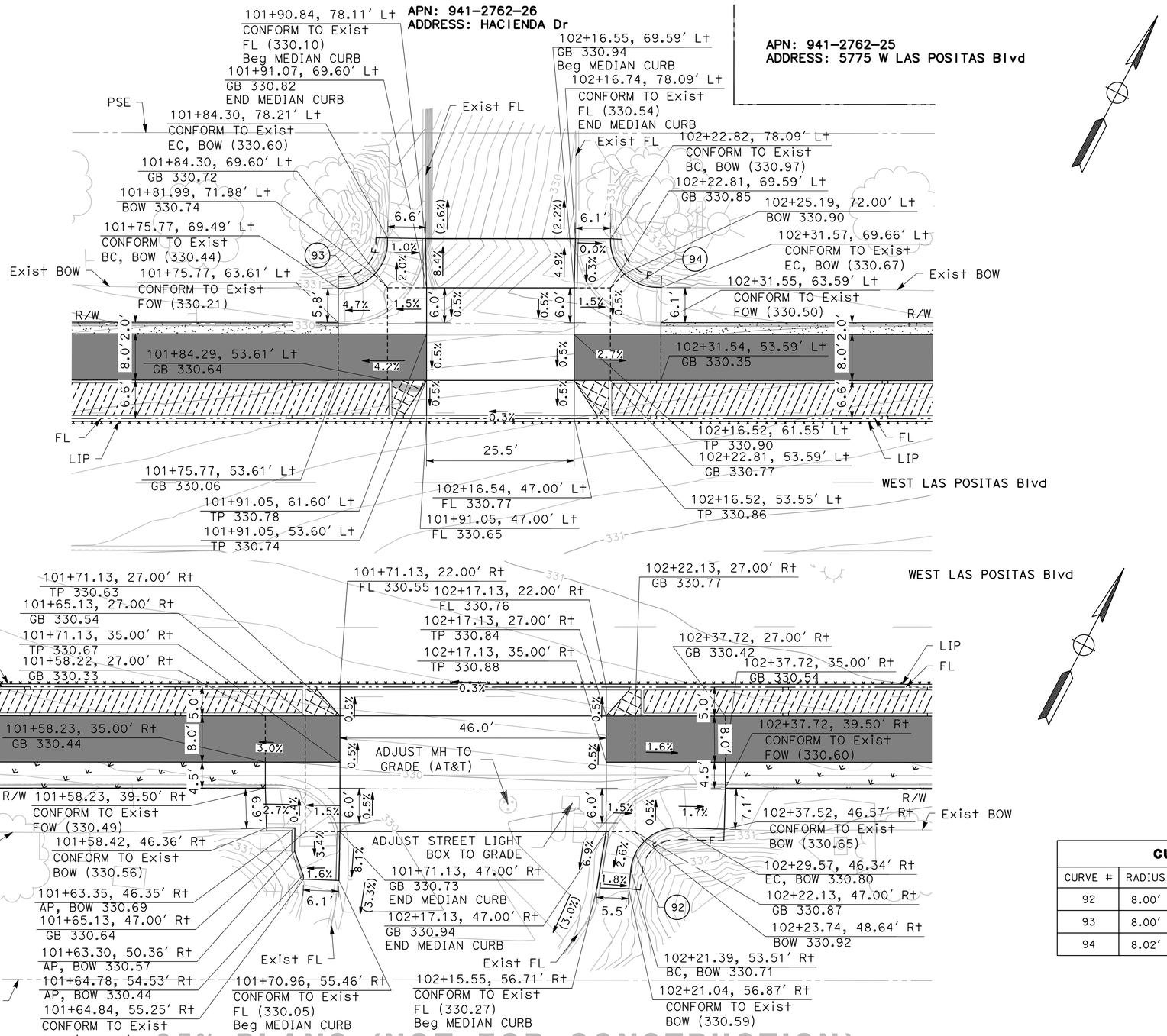
DRAWN BY: MIDORI HAYASHI/MANAAL CHOWDHURY/ALAN MILLAR

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10'	5/30/2025	22-20106	CD-10	44 OF 230



1 CD-11 **DRIVEWAY #12**
SCALE: 1" = 10'

2 CD-11 **DRIVEWAY #11**
SCALE: 1" = 10'

APN: 941-2762-11-1
ADDRESS: 5758 W LAS POSITAS Blvd

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
92	8.00'	85°37'49"	7.41'	11.96'
93	8.00'	88°57'17"	7.86'	12.42'
94	8.02'	89°16'36"	7.92'	12.49'

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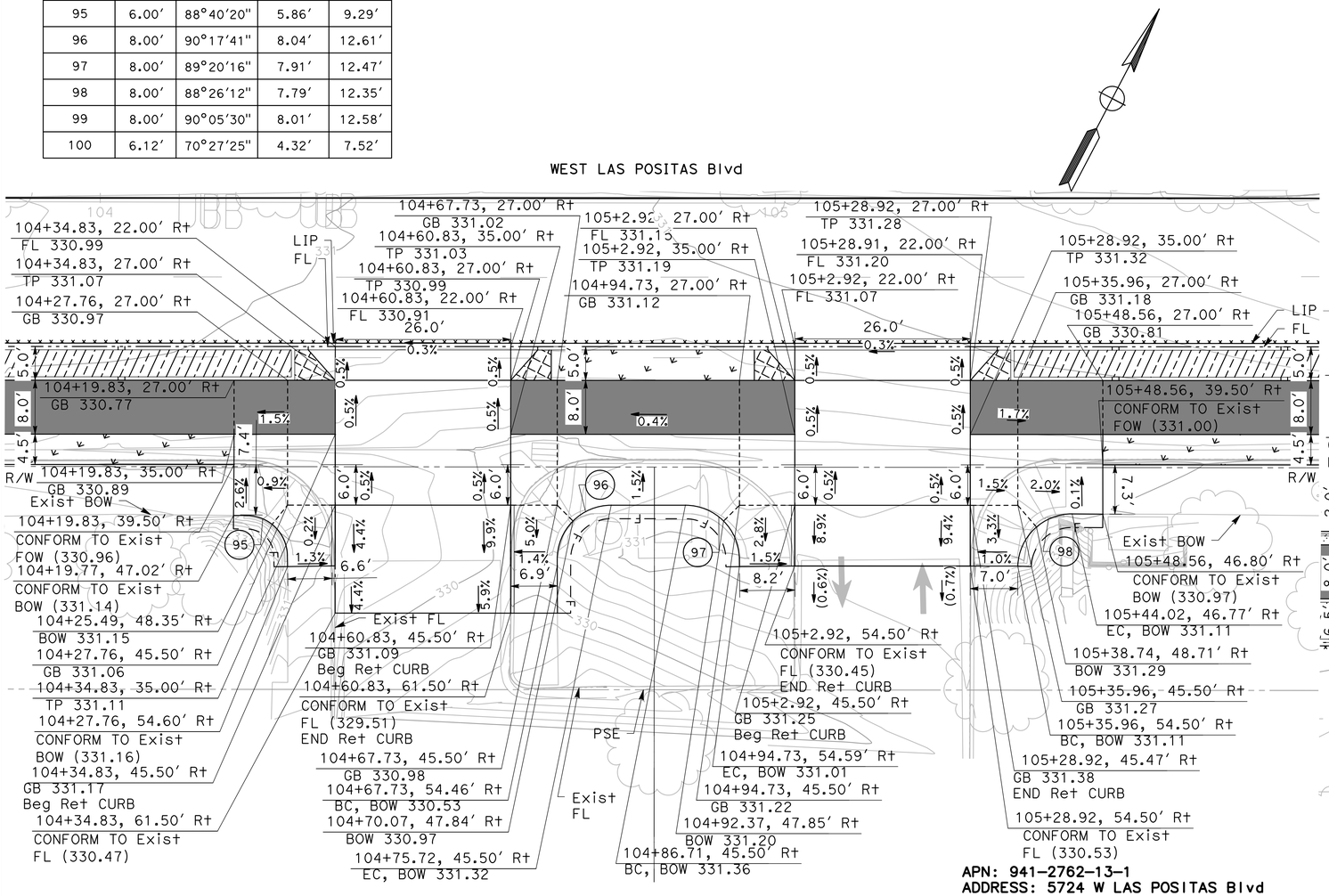
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10'	5/30/2025	22-20106	CD-11	45 OF 230

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
95	6.00′	88°40′20"	5.86′	9.29′
96	8.00′	90°17′41"	8.04′	12.61′
97	8.00′	89°20′16"	7.91′	12.47′
98	8.00′	88°26′12"	7.79′	12.35′
99	8.00′	90°05′30"	8.01′	12.58′
100	6.12′	70°27′25"	4.32′	7.52′



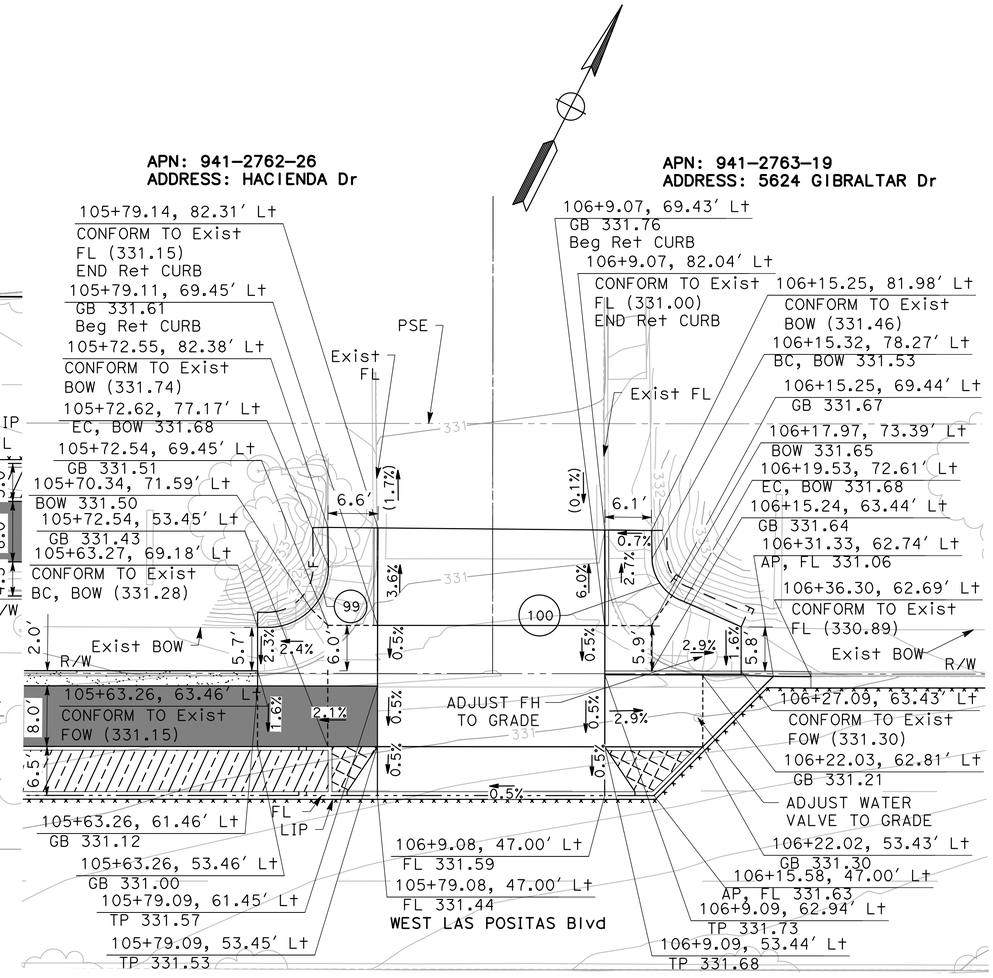
APN: 941-2762-11-1
ADDRESS: 5758 W LAS POSITAS Blvd

APN: 941-2762-13-1
ADDRESS: 5724 W LAS POSITAS Blvd

1 CD-12

DRIVEWAY #13 & #14

SCALE: 1" = 10′



2 CD-12

DRIVEWAY #15

SCALE: 1" = 10′

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DRAWN BY: MIDORI HAYASHI/MANAAL CHOWDHURY/ALAN MILLAR

CITY OF PLEASANTON
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CIP#11514
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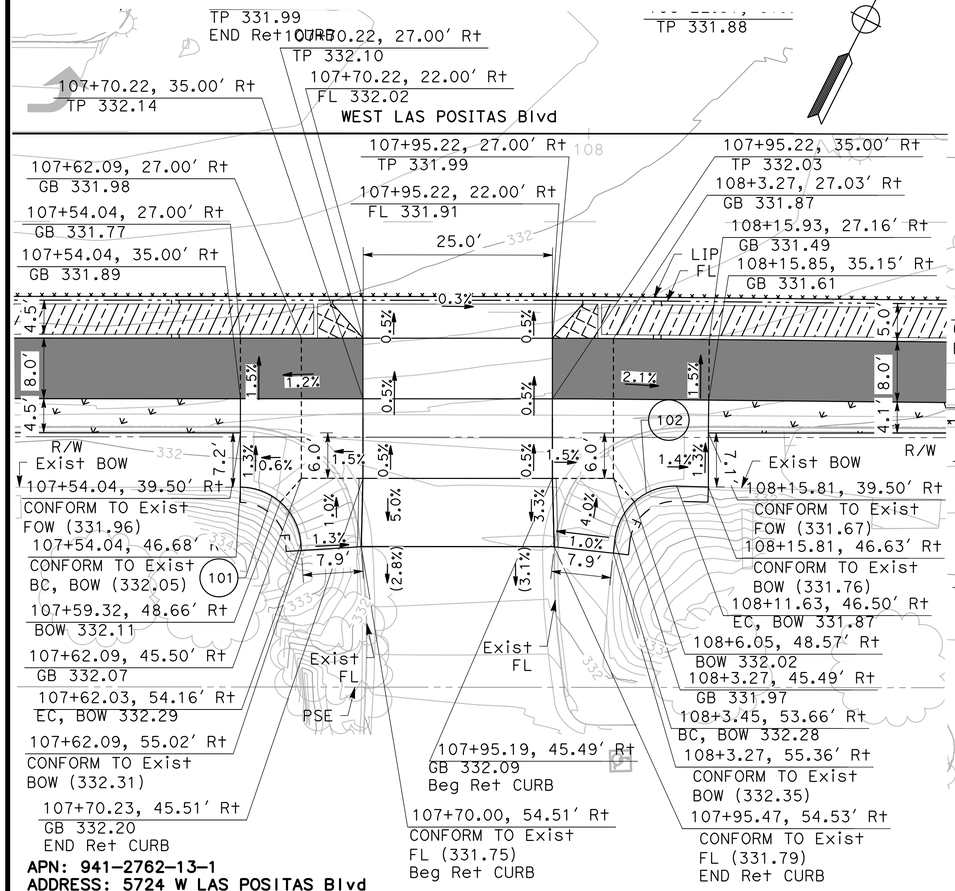
SCALE:	DATE:	PIN:		SHEET:
1"=10′	5/30/2025	22-20106	CD-12	46 OF 230

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
101	8.00′	86°20′58"	7.51′	12.06′
102	8.00′	85°31′02"	7.40′	11.94′
103	8.00′	81°51′51"	6.94′	11.43′
104	8.00′	88°33′25"	7.80′	12.36′
105	14.01′	88°47′09"	13.71′	21.70′



1 CD-13 **DRIVEWAY #16**
SCALE: 1" = 10′

2 CD-13 **DRIVEWAYS #17 & #18**
SCALE: 1" = 10′

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
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95% PLANS (NOT FOR CONSTRUCTION)

SCALE: 1"=10′

MARK THOMAS
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WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI/MANAAL CHOWDHURY/ALAN MILLAR

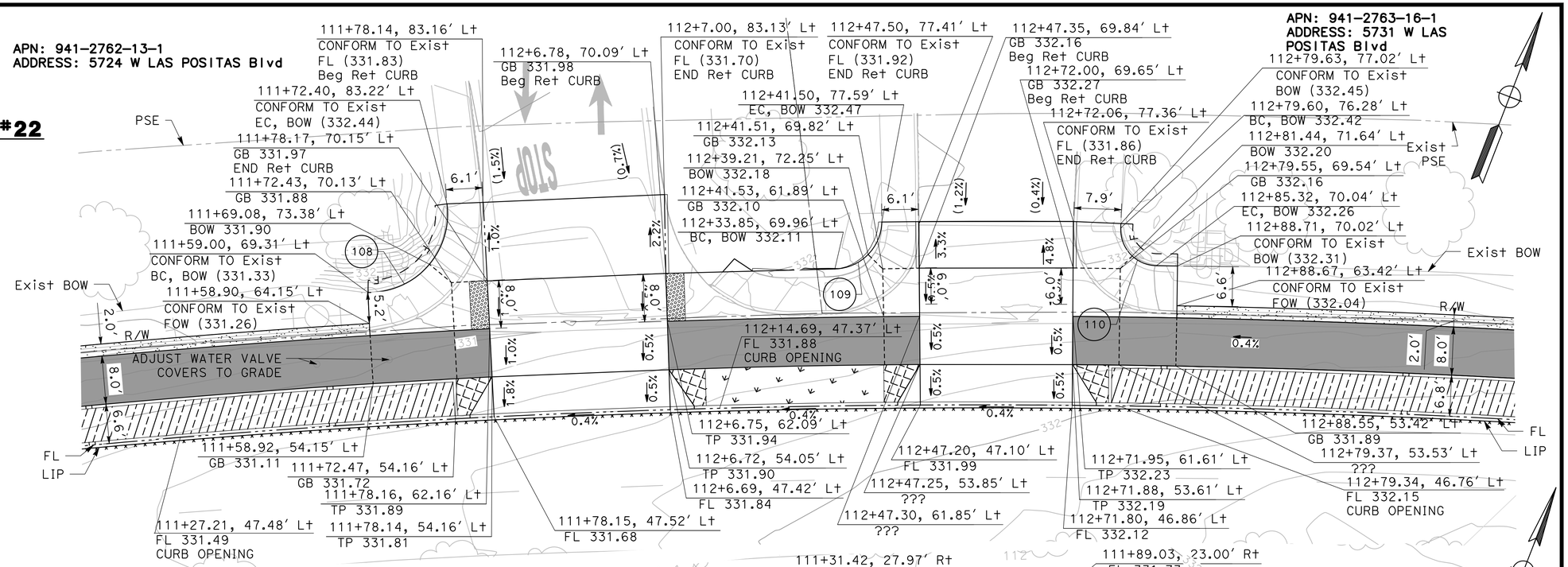
CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10′	5/30/2025	22-20106	CD-13	47 OF 230

1 CD-14 DRIVEWAYS #21 & #22

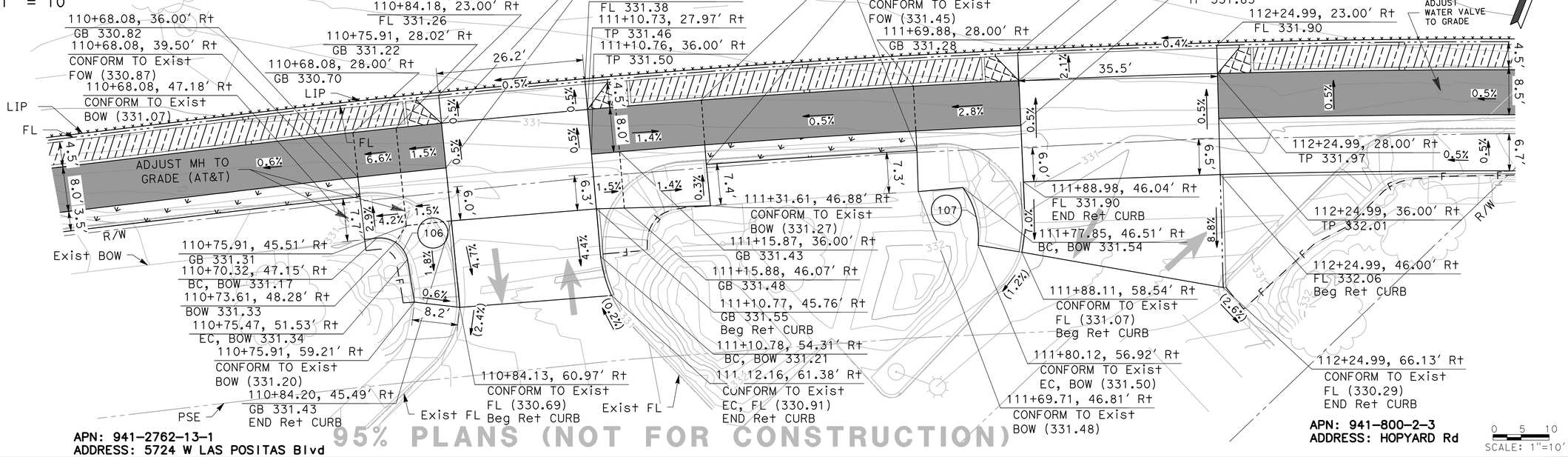
SCALE: 1" = 10'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
106	5.00'	83°29'21"	4.46'	7.29'
107	15.00'	41°34'23"	5.69'	10.88'
108	13.00'	98°26'57"	15.07'	22.34'
109	8.00'	87°04'18"	7.60'	12.16'
110	6.00'	91°46'57"	6.19'	9.61'



2 CD-14 DRIVEWAYS #19 & #20

SCALE: 1" = 10'



APN: 941-2762-13-1
ADDRESS: 5724 W LAS POSITAS Blvd

APN: 941-800-2-3
ADDRESS: HOPYARD Rd

SCALE: 1"=10'

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CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10'	5/30/2025	22-20106	CD-14	48 OF 230

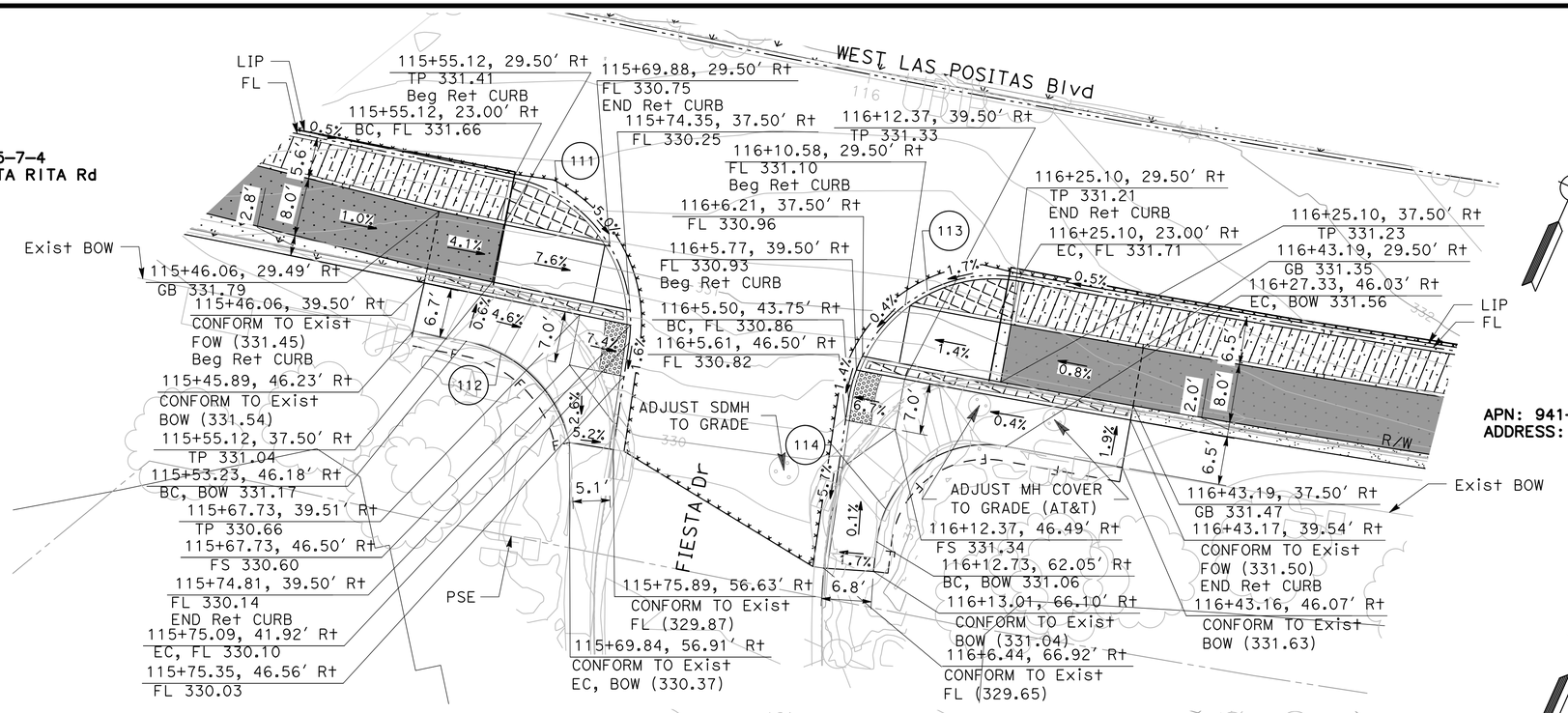
CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
111	20.00′	86°53′34"	18.94′	30.33′
112	18.00′	66°34′01"	11.82′	20.91′
113	20.00′	91°52′54"	20.67′	32.07′
114	15.00′	93°51′38"	16.05′	24.57′
115	20.00′	89°40′35"	19.89′	31.30′
116	15.71′	74°49′45"	12.02′	20.52′
117	20.00′	88°08′20"	19.36′	30.77′
118	18.16′	61°35′49"	10.82′	19.52′

APN: 941-3215-7-4
ADDRESS: SANTA RITA Rd

APN: 941-2795-67
ADDRESS: BELLEZA Dr

APN: 941-2794-88
ADDRESS: BELLEZA Dr

APN: 941-2795-8
ADDRESS: BELLEZA Dr



1 / CD-15 **FIESTA DRIVE INTERSECTION**
SCALE: 1" = 10′

2 / CD-15 **BELLEZA LANE INTERSECTION**
SCALE: 1" = 10′

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0 5 10
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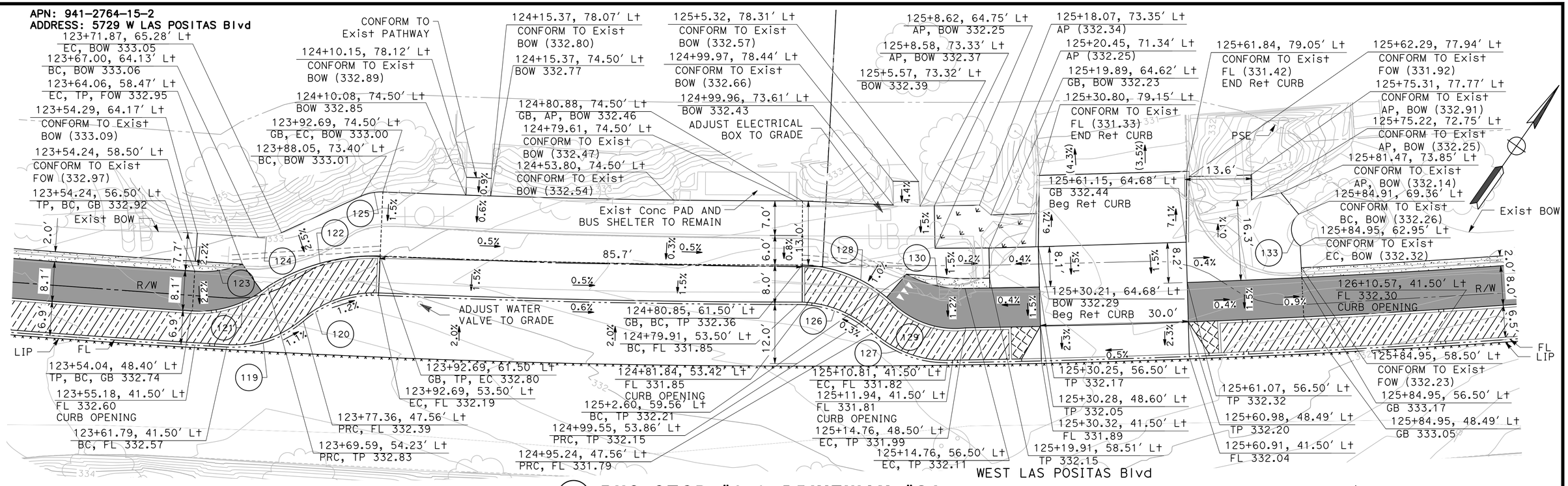
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10′	5/30/2025	22-20106	CD-15	49 OF 222

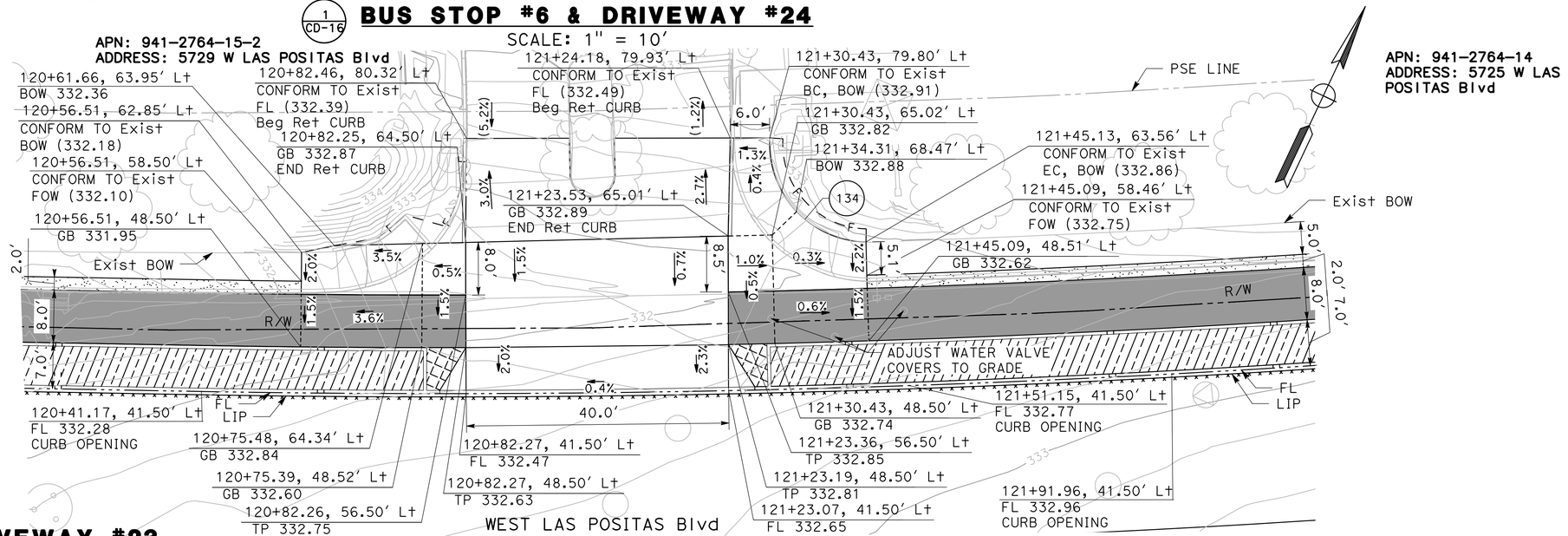


CURVE TABLE

CURVE #	RADIUS	DELTA	TANGENT	LENGTH
119	22.00′	43°45′54"	8.84′	16.80′
120	22.00′	42°55′19"	8.65′	16.48′
121	22.00′	43°21′11"	8.74′	16.65′
122	40.72′	33°42′09"	12.33′	23.95′
123	20.67′	27°20′00"	5.03′	9.86′
124	9.34′	30°10′13"	2.52′	4.92′
125	10.00′	26°36′28"	2.36′	4.64′
126	22.00′	42°55′19"	8.65′	16.48′
127	22.00′	43°45′54"	8.84′	16.80′
128	27.39′	42°12′45"	10.57′	20.18′
129	18.08′	51°43′10"	8.76′	16.32′
134	14.91′	92°40′40"	15.62′	24.11′

1 CD-16 BUS STOP #6 & DRIVEWAY #24

SCALE: 1" = 10′



2 CD-16 DRIVEWAY #23

SCALE: 1" = 10′

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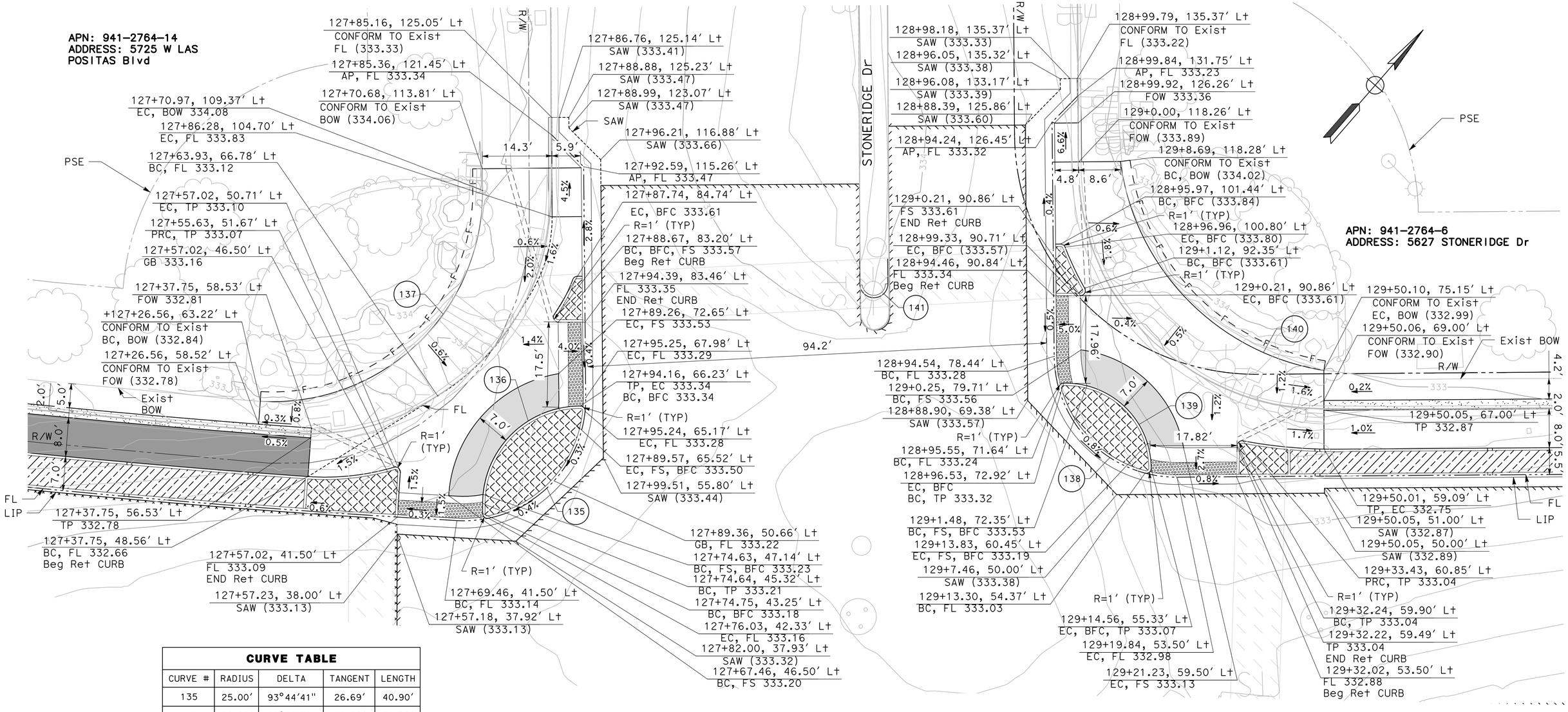
CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP #11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10′	5/30/2025	22-20106	CD-16	50 OF 222



CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
135	25.00′	93°44′41"	26.69′	40.90′
136	20.00′	89°52′38"	19.96′	31.37′
137	43.00′	93°48′16"	45.95′	70.40′
138	25.00′	89°53′17"	24.95′	39.22′
139	17.50′	91°24′45"	17.94′	27.92′
140	50.00′	73°26′08"	37.29′	64.08′
141	2.89′	172°13′50"	42.55′	8.68′

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1 / CD-17

STONERIDGE DRIVE INTERSECTION (NORTHWEST)

SCALE: 1" = 10′

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0 5 10
SCALE: 1"=10′

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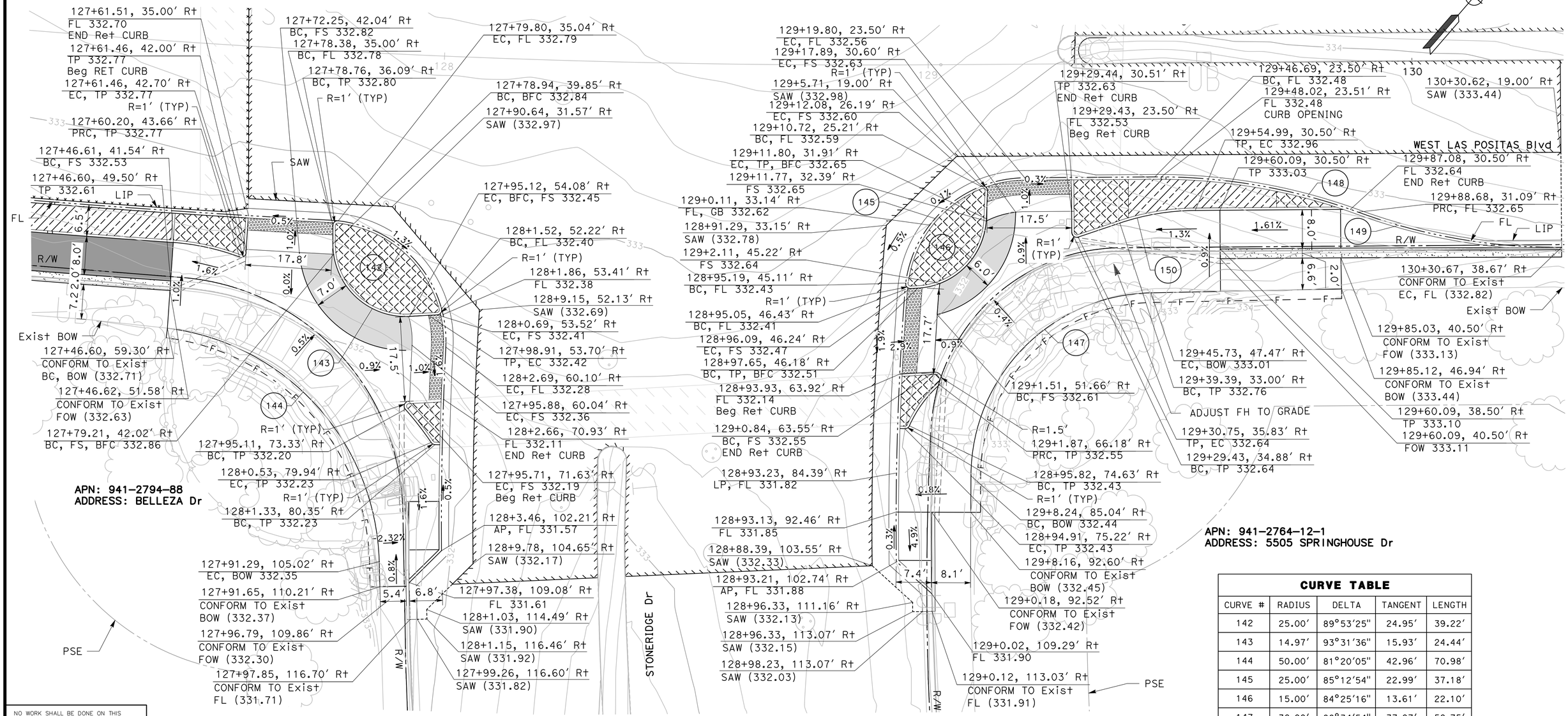
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:		SHEET:
1"=10′	5/30/2025	22-20106	CD-17	51OF 222



CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
142	25.00'	89°53'25"	24.95'	39.22'
143	14.97'	93°31'36"	15.93'	24.44'
144	50.00'	81°20'05"	42.96'	70.98'
145	25.00'	85°12'54"	22.99'	37.18'
146	15.00'	84°25'16"	13.61'	22.10'
147	38.00'	88°34'54"	37.07'	58.75'
148	120.00'	20°28'51"	21.68'	42.89'
149	120.00'	20°28'51"	21.68'	42.89'
150	50.00'	18°10'41"	8.00'	15.86'

1 / CD-18

STONERIDGE DRIVE INTERSECTION (SOUTHEAST)

SCALE: 1" = 10'

0 5 10
SCALE: 1"=10'

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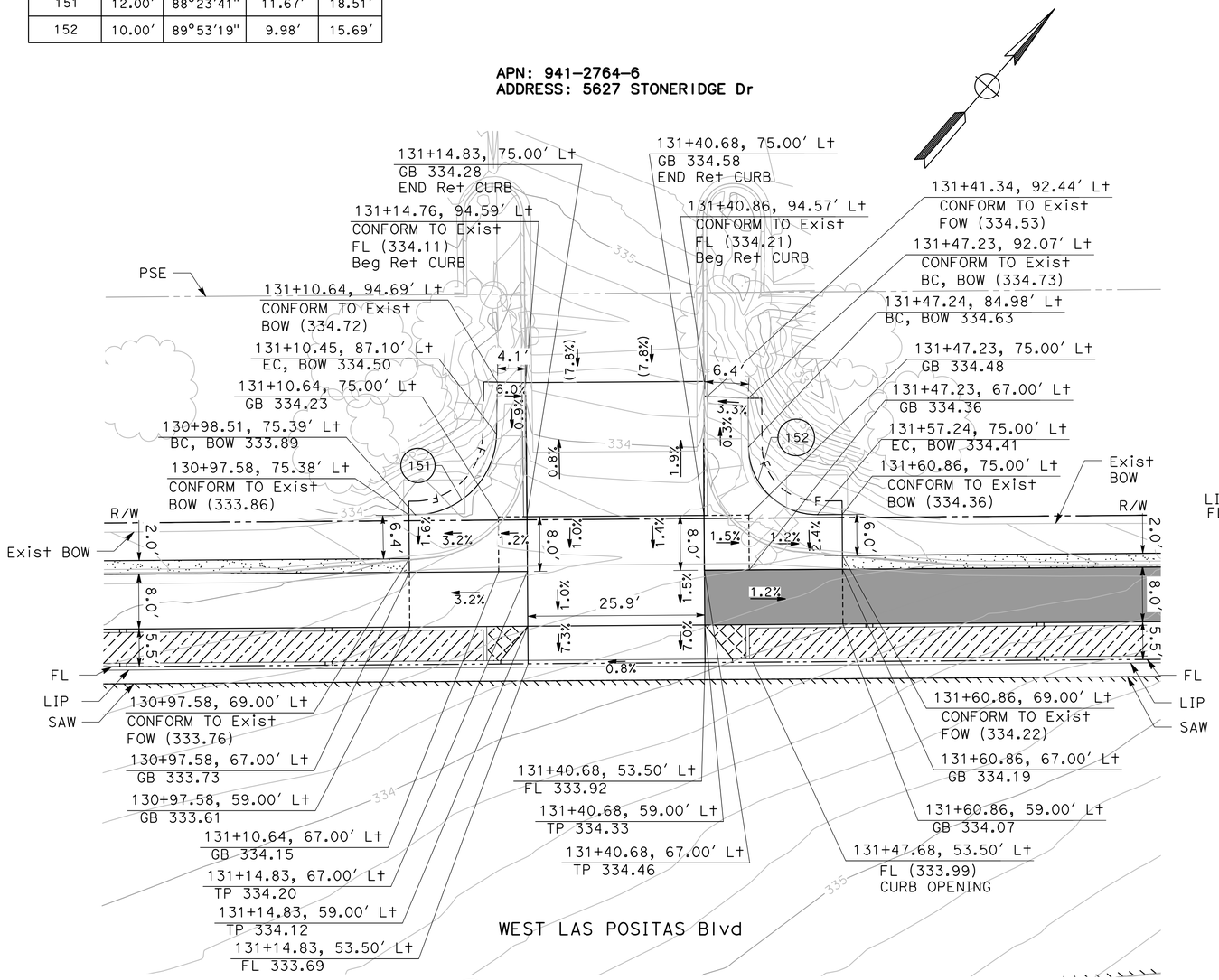
CIP#11514
CONSTRUCTION DETAILS

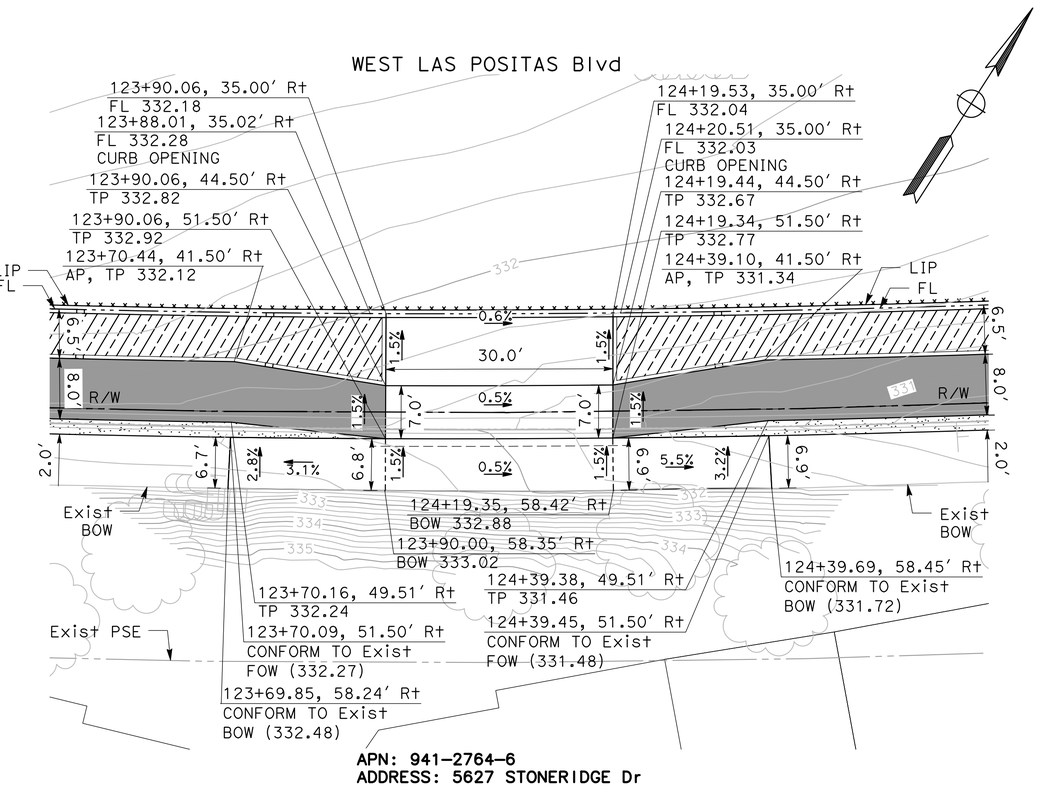
SCALE:	DATE:	PIN:		SHEET:
1"=10'	5/30/2025	22-20106	CD-18	52 OF 222

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
151	12.00′	88°23′41"	11.67′	18.51′
152	10.00′	89°53′19"	9.98′	15.69′



1 CD-19 **DRIVEWAY #25**

SCALE: 1" = 10′



APN: 941-2764-6
ADDRESS: 5627 STONERIDGE Dr

2 CD-19 **BUS STOP #7**

SCALE: 1" = 10′

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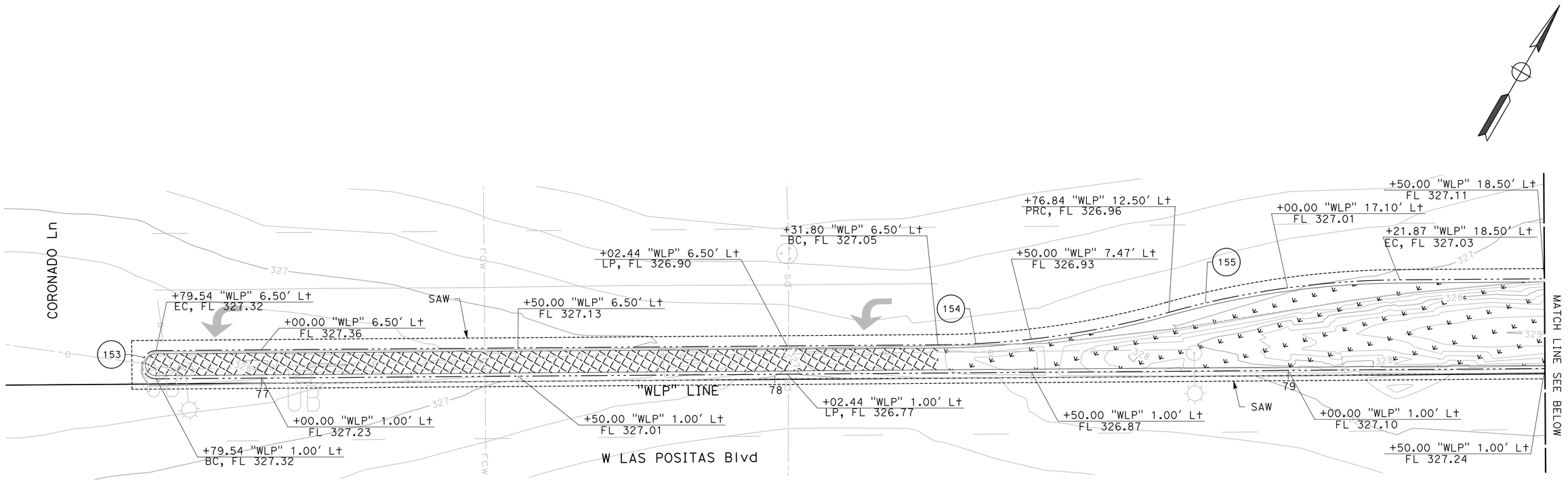
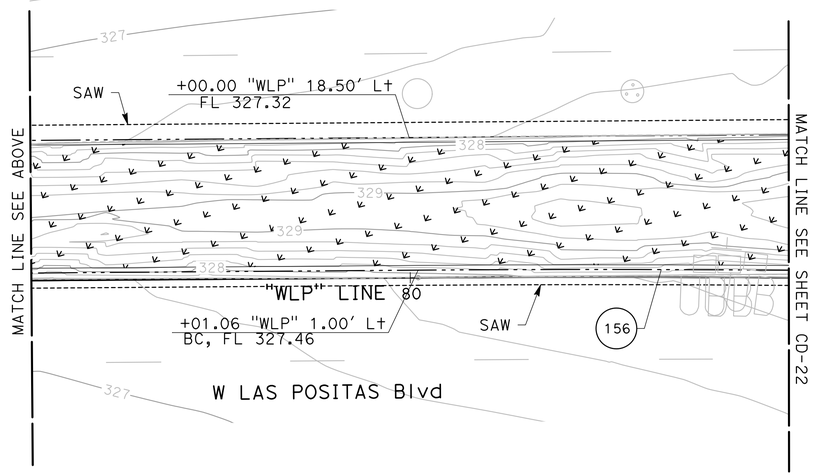
1"=10′	5/30/2025	22-20106	CD-19	53 OF 222





CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
153	2.75'	180°00'00"	INFINITY'	8.64'
154	172.00'	15°10'41"	22.92'	45.56'
155	172.00'	15°10'41"	22.92'	45.56'

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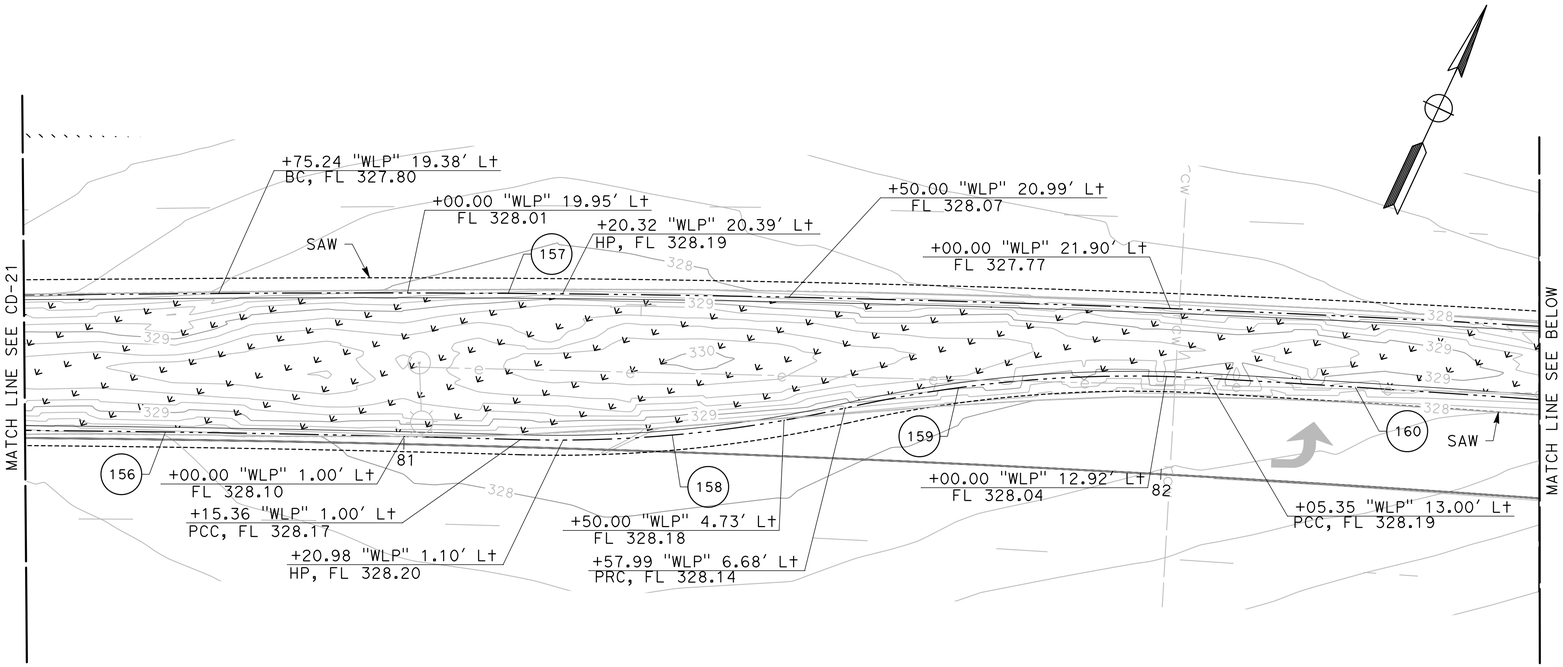
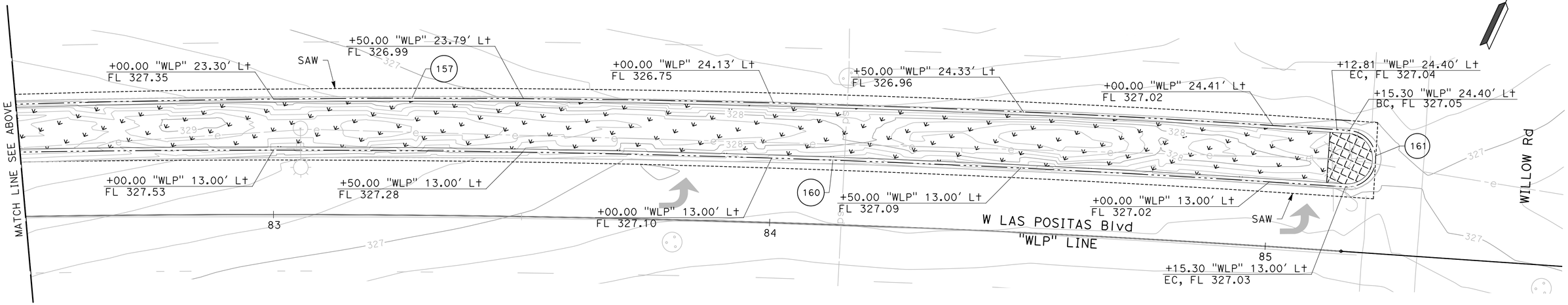
1"=10'	5/30/2025	22-20106	CD-20 54 OF 230





CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
157	2700.00'	9°21'13"	220.88'	440.78'
158	172.00'	14°22'53"	21.70'	43.17'
159	172.00'	16°01'05"	24.20'	48.09'
160	3163.00'	5°38'15"	155.74'	311.22'
161	5.70'	180°00'00"	INFINITY'	17.91'

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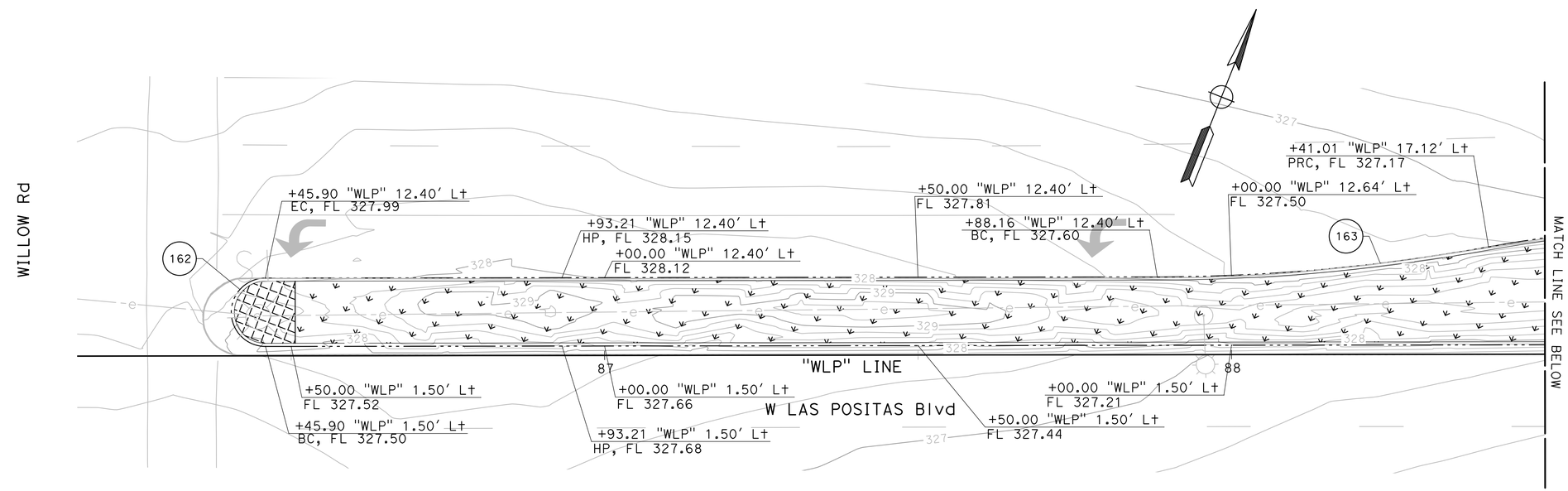
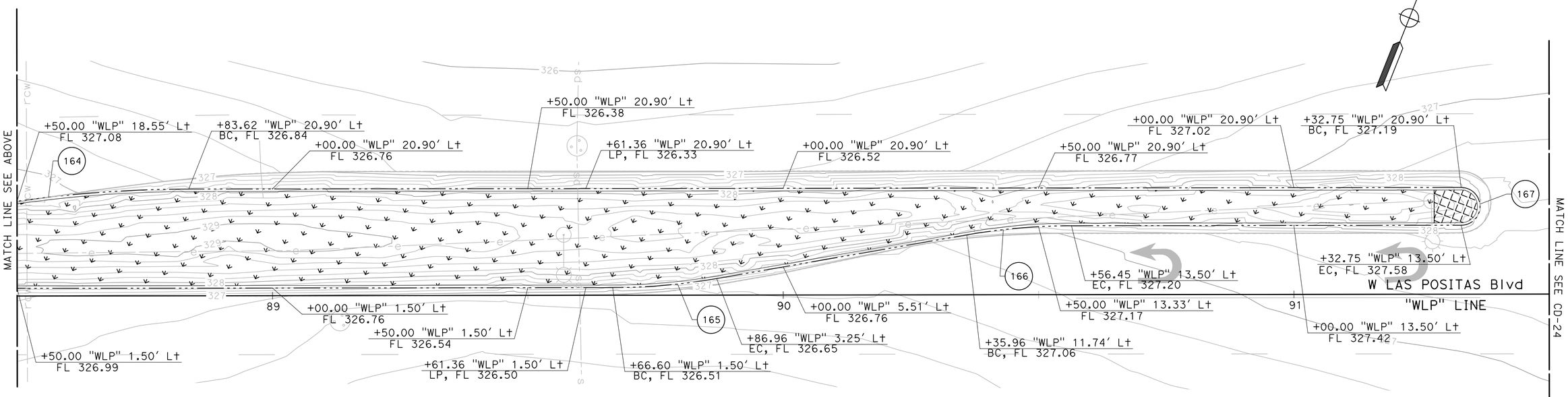
CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
162	5.45′	180°00′00"	INFINITY′	17.12′
163	298.90′	10°10′58"	26.63′	53.12′
164	242.00′	10°08′34"	21.48′	42.84′
165	119.01′	9°51′06"	10.26′	20.46′
166	120.00′	9°49′53"	10.32′	20.59′
167	3.70′	180°00′00"	INFINITY′	11.62′





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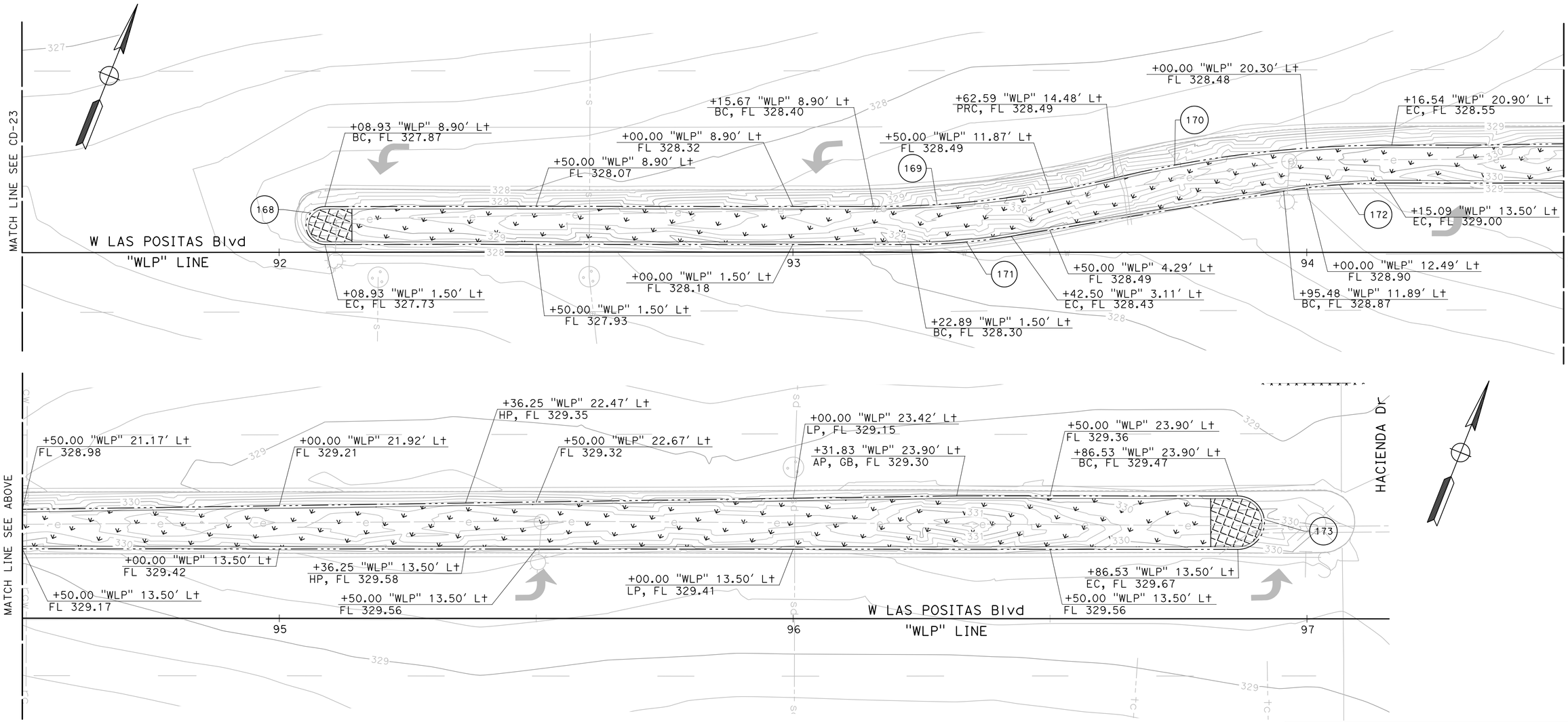
SCALE:	DATE:	PIN:	SHEET:
1"=10′	5/30/2025	22-20106	CD-22 56 OF 230



CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
168	3.70′	180°00′00"	INFINITY′	11.62′
169	200.00′	13°34′04"	23.79′	47.36′
170	230.00′	13°34′04"	27.36′	54.46′
171	120.00′	9°24′14"	9.87′	19.70′
172	120.00′	9°24′14"	9.87′	19.70′
173	5.20′	180°00′01"	2453626.61′	16.34′

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
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95% PLANS (NOT FOR CONSTRUCTION)

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

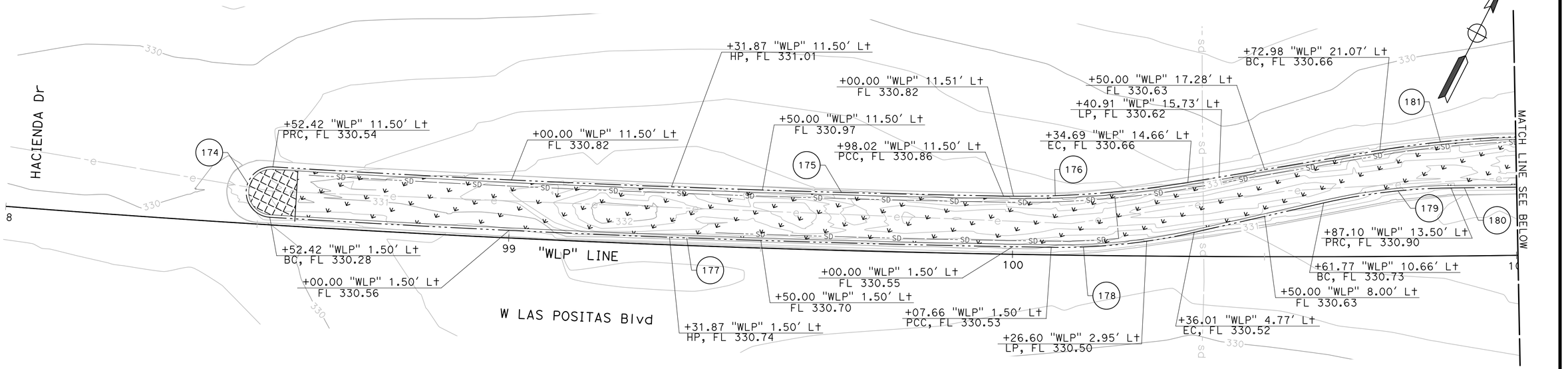
THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY: MIDORI HAYASHI/MANAAL CHOWDHURY/ALAN MILLAR

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:	SHEET:
	5/30/2025	22-20106	CD-23 57 OF 230



CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
174	5.00′	180°00′00"	INFINITY′	15.71′
175	3288.50′	2°31′40"	72.56′	145.09′
176	200.00′	10°31′09"	18.41′	36.72′
177	3298.50′	2°41′43"	77.60′	155.17′
178	120.00′	13°38′45"	14.36′	28.58′
179	120.00′	12°09′09"	12.77′	25.45′
180	3286.50′	0°16′58"	8.11′	16.22′
181	200.00′	8°41′22"	15.20′	30.33′
182	5.00′	180°00′00"	INFINITY′	15.71′
183	5.00′	180°00′00"	INFINITY′	15.71′
184	120.00′	11°32′57"	12.14′	24.19′

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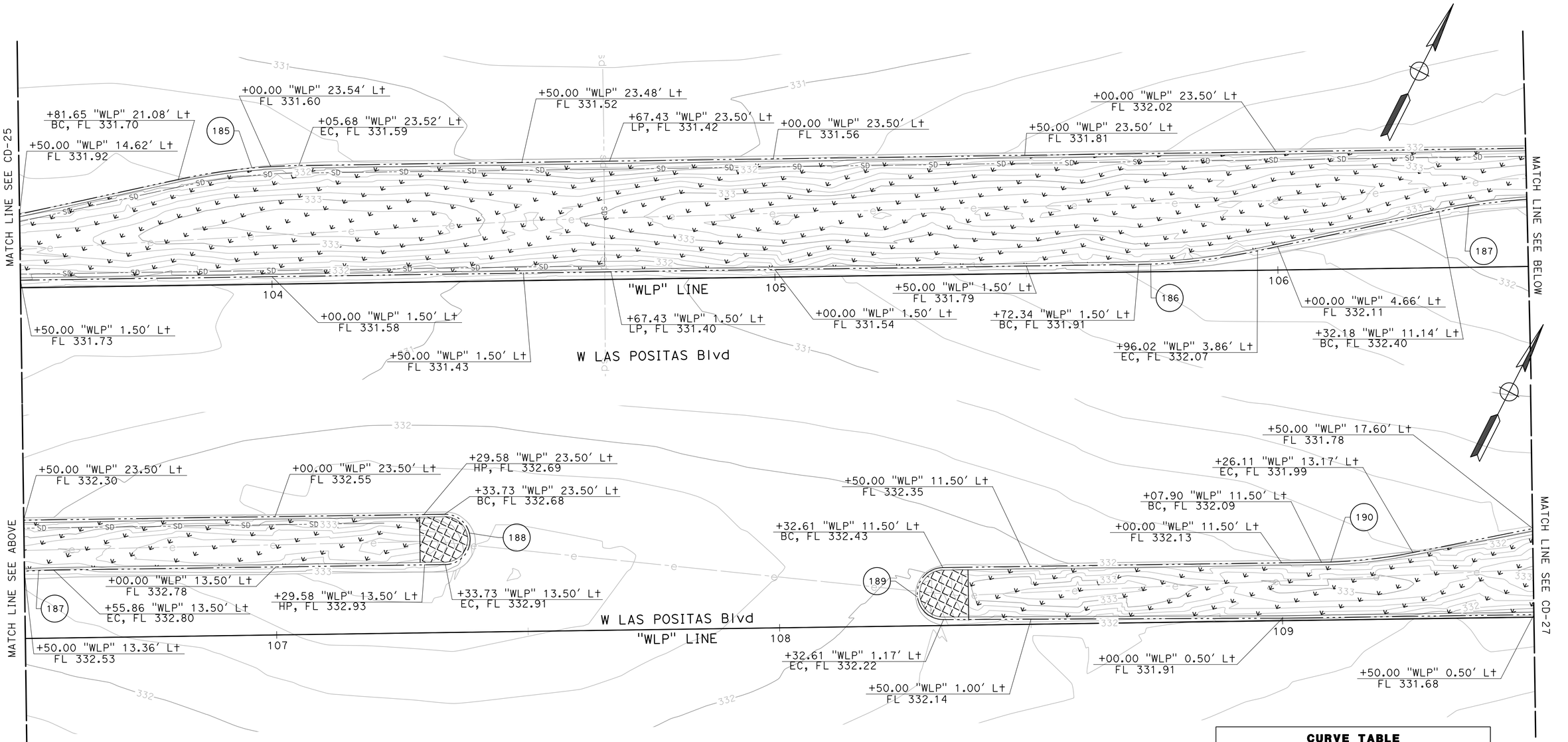
SCALE:	DATE:	PIN:		SHEET:
1"=10′	5/30/2025	22-20106	CD-24	58 OF 230



CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
185	120.00'	11°32'57"	12.14'	24.19'
187	120.00'	11°22'58"	11.96'	23.84'
188	5.00'	180°00'00"	INFINITY'	15.71'
189	5.16'	180°00'00"	INFINITY'	16.22'
190	100.00'	10°29'47"	9.19'	18.32'

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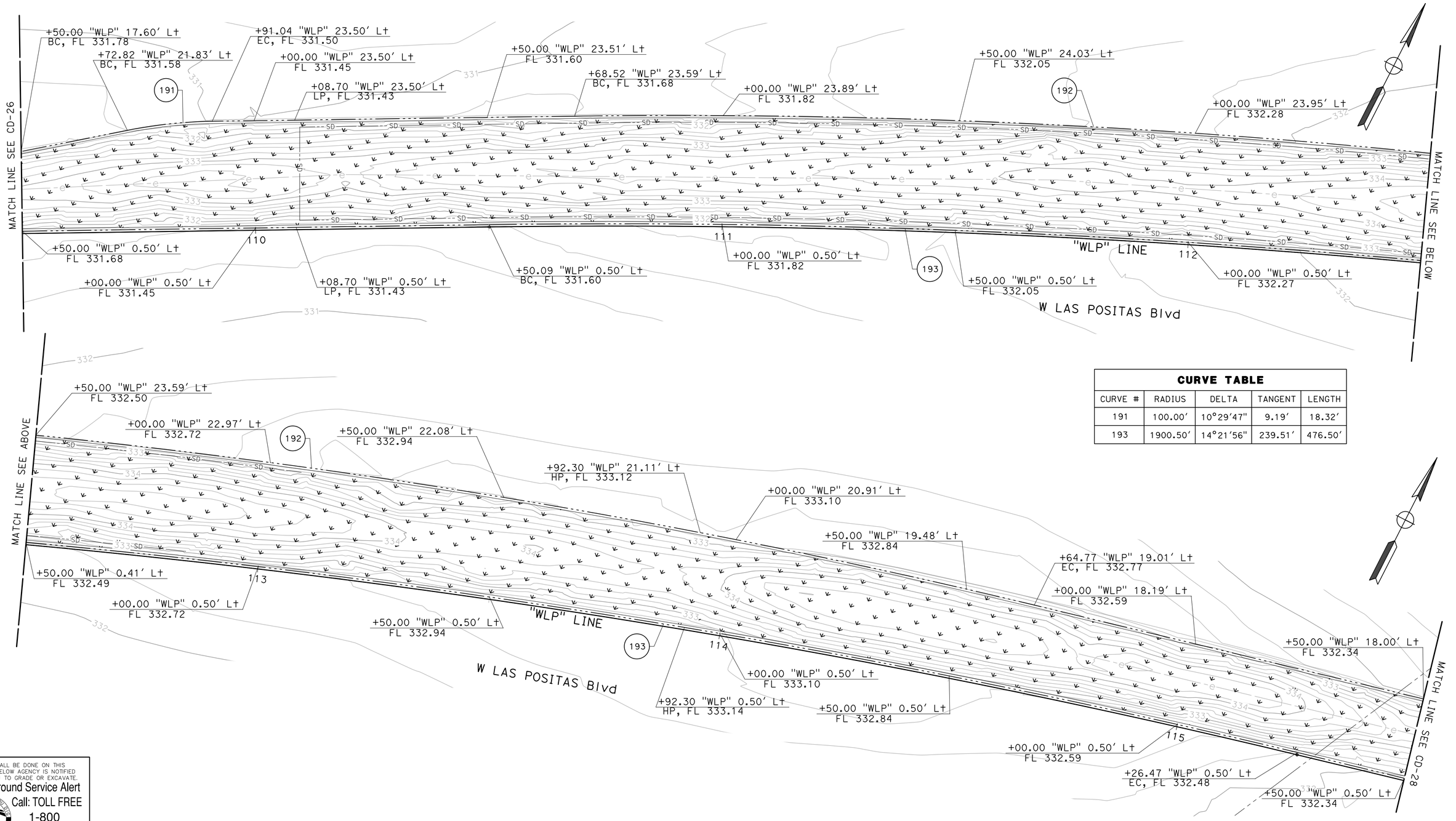
SCALE:	DATE:	PIN:	SHEET:
1"=10'	5/30/2025	22-20106	CD-25 59 OF 230



CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
191	100.00'	10°29'47"	9.19'	18.32'
193	1900.50'	14°21'56"	239.51'	476.50'

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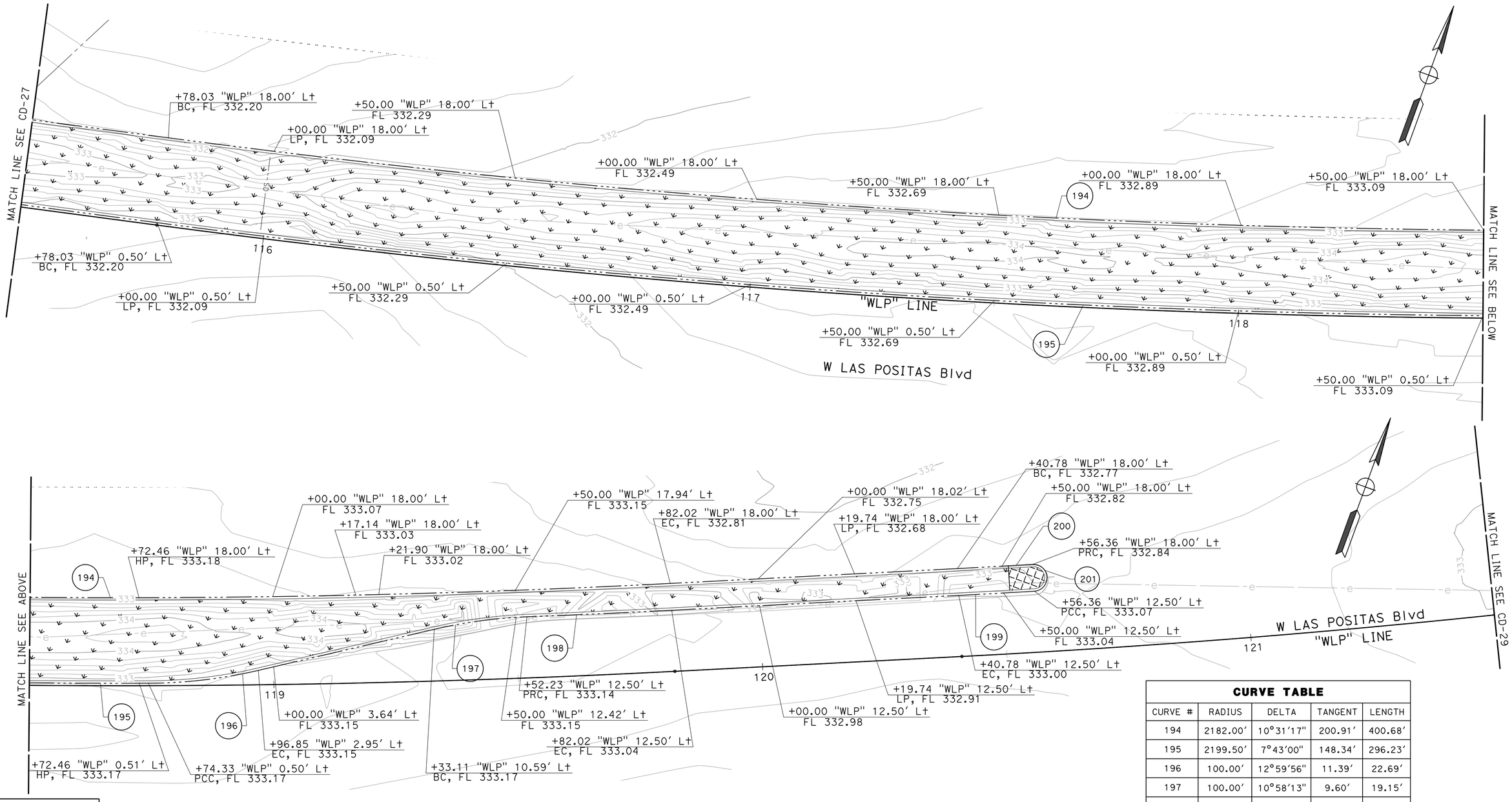
SCALE:	DATE:	PIN:	SHEET:
1"=10'	5/30/2025	22-20106	CD-26 60 OF 230



CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
194	2182.00'	10°31'17"	200.91'	400.68'
195	2199.50'	7°43'00"	148.34'	296.23'
196	100.00'	12°59'56"	11.39'	22.69'
197	100.00'	10°58'13"	9.60'	19.15'
198	2187.50'	0°46'34"	14.81'	29.63'
199	2087.50'	0°25'30"	7.74'	15.49'
200	2082.00'	0°25'30"	7.72'	15.45'

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CIP#11514
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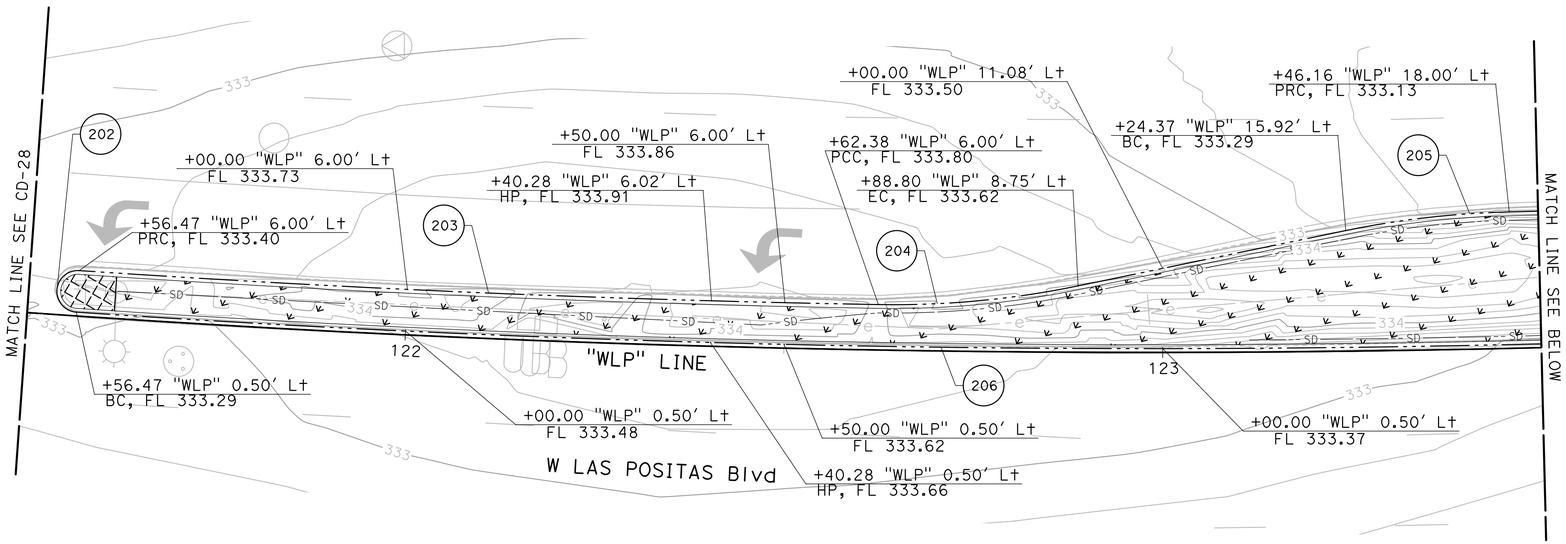
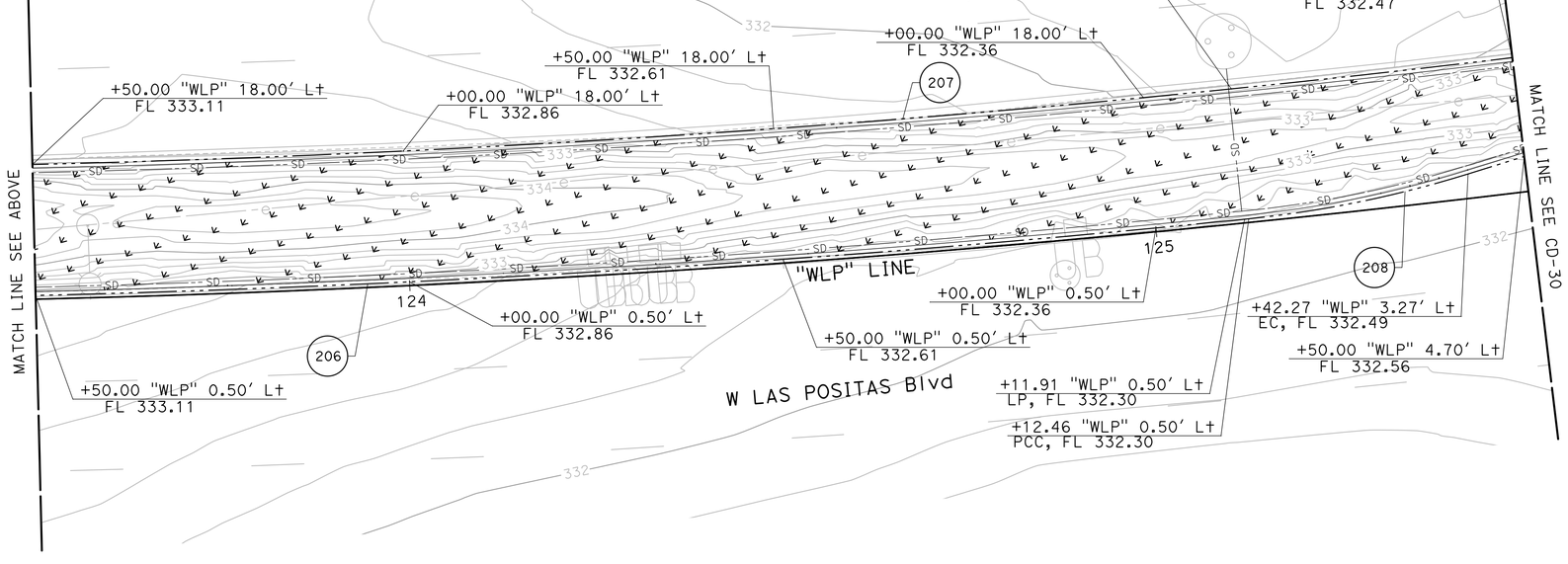
SCALE:	DATE:	PIN:		SHEET:
1"=10'	5/30/2025	22-20106	CD-27	61 OF 230





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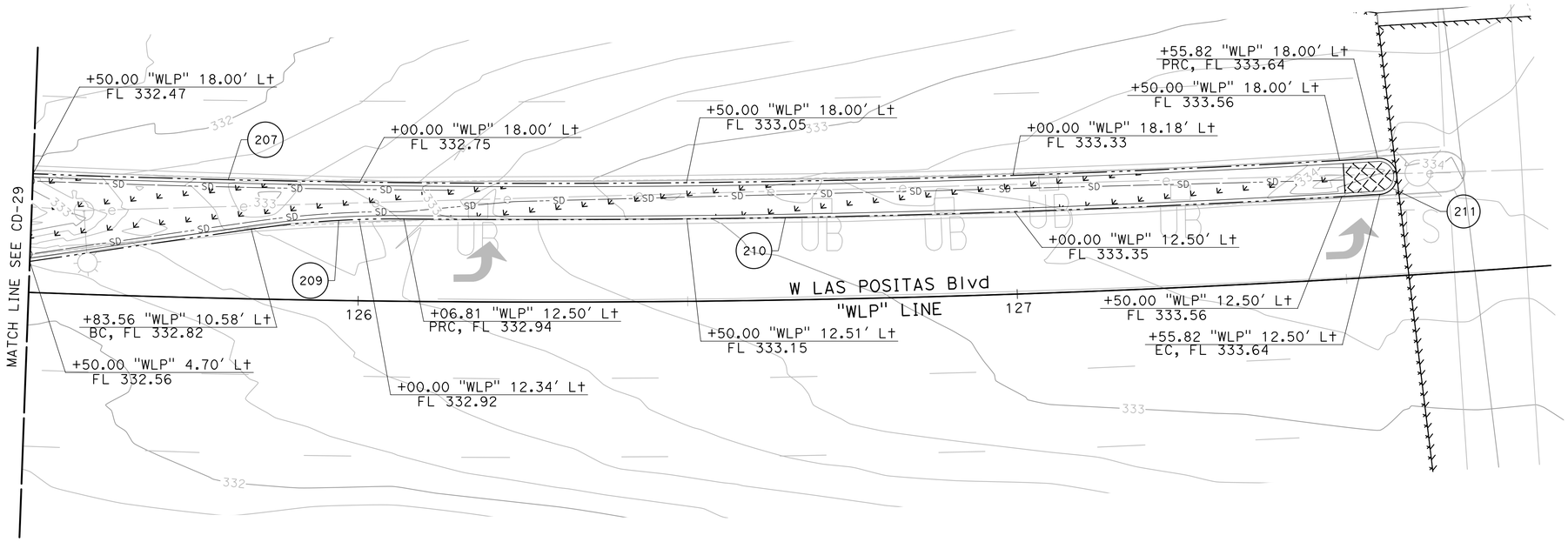
CIP#11514
CONSTRUCTION DETAILS

SCALE:	DATE:	PIN:	CD-28	SHEET:
1"=10'	5/30/2025	22-20106		62 OF 230



CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
207	2082.00'	11°10'38"	203.72'	406.15'
209	150.00'	8°52'12"	11.63'	23.22'
210	2087.85'	4°03'54"	74.09'	148.13'
211	2.75'	180°12'46"	1480.17'	8.65'

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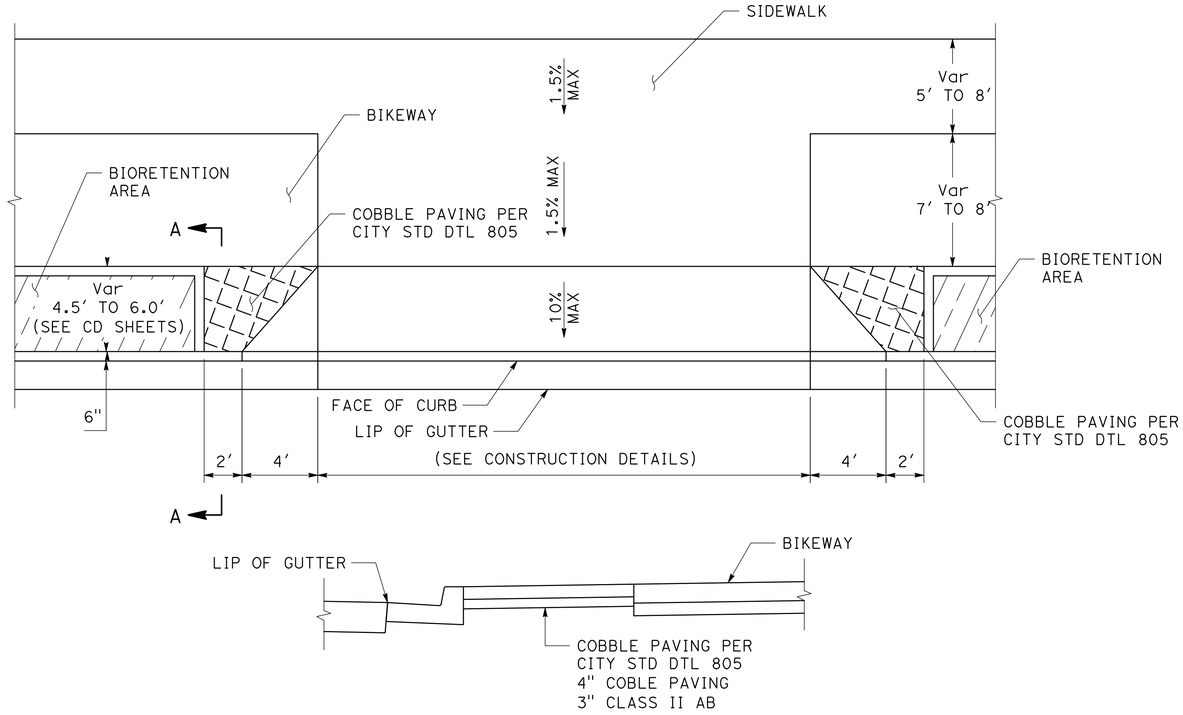
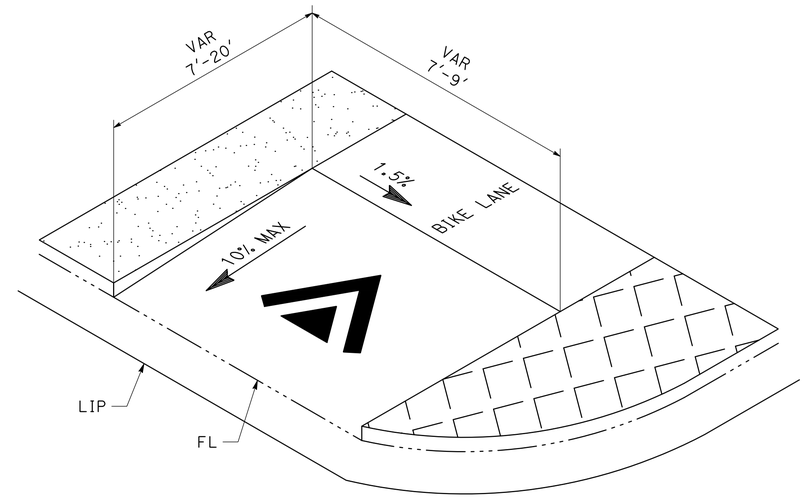
SCALE:	DATE:	PIN:	SHEET:
1"=10'	5/30/2025	22-20106	CD-29 63 OF 230



SECTION A-A

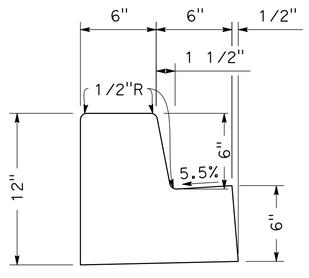
HARDSCAPE DETAIL

NTS



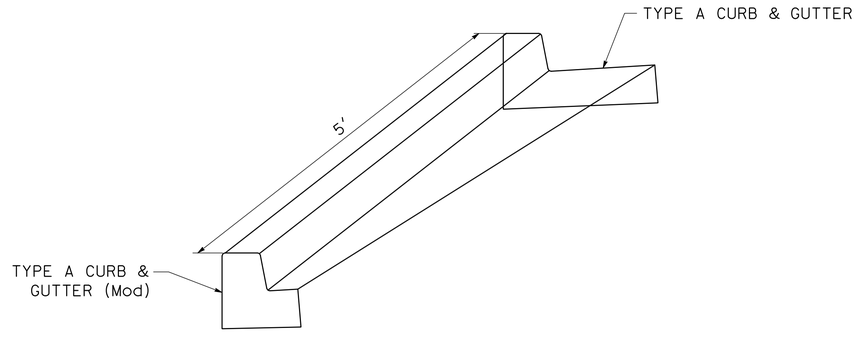
BIKE RAMP DETAIL

NTS



TYPE A CURB & GUTTER (Mod)

NTS



CURB & GUTTER TRANSITION DETAIL TYPE A C&G (Mod) TO TYPE A C&G

NTS

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CIP#11514
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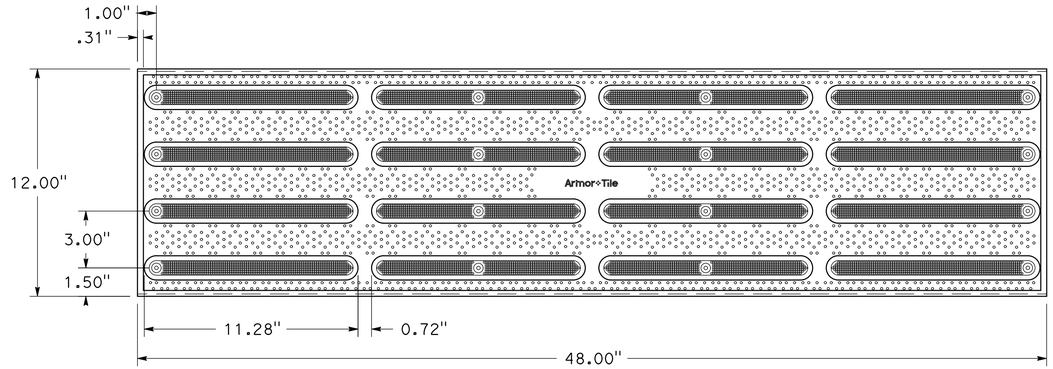
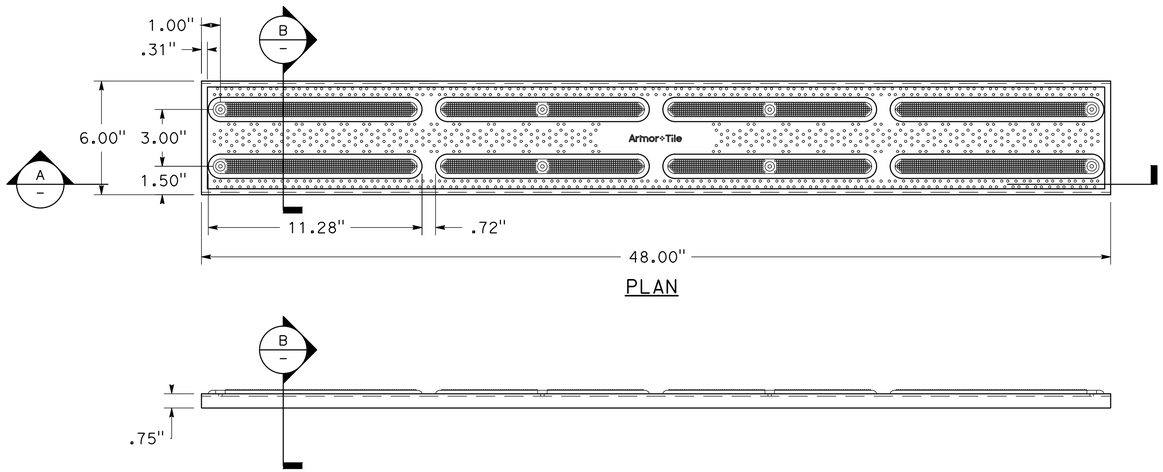
SCALE:	DATE:	PIN:		SHEET:
NO SCALE	5/30/2025	22-20106	CD-30	64 OF 230



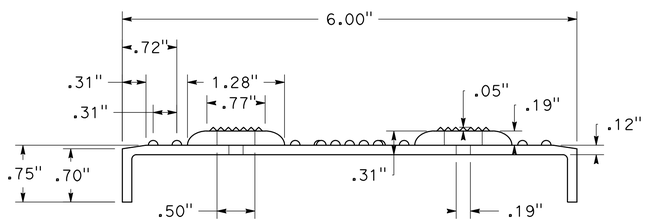
12" DIRECTIONAL TILE

NTS



PLAN

SECTION A-A



SECTION B-B

6" DIRECTIONAL TILE

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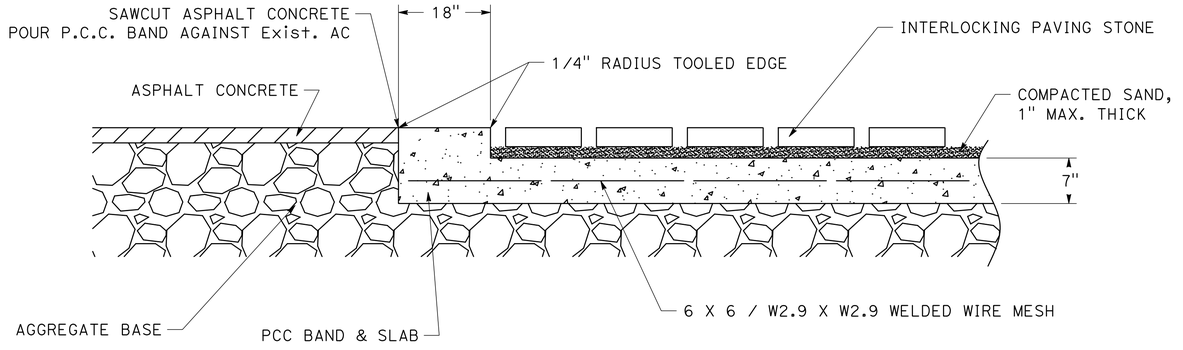

TYPICAL SECTION - DEOCORATIVE PAVEMENT DEMO

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DRAWN BY:MIDORI HAYASHI/MANAAL CHOWDHURY/ALAN MILLAR

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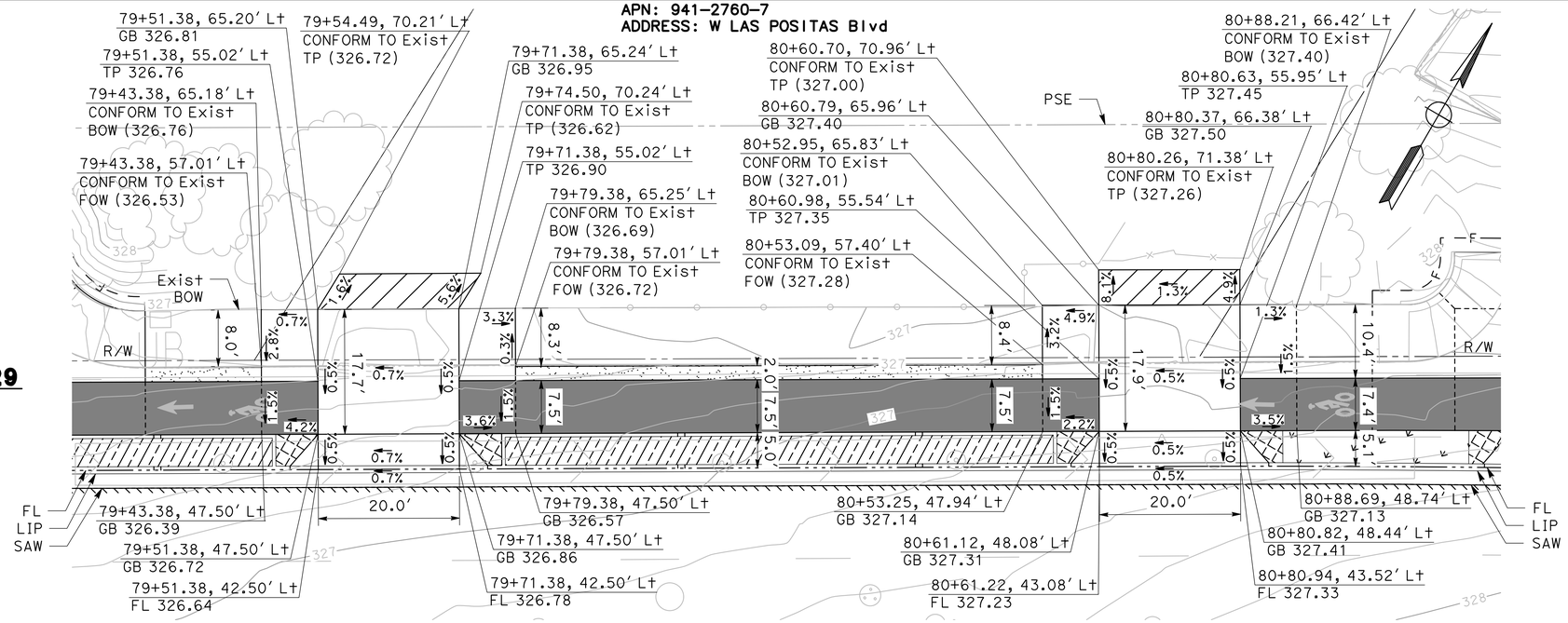
SCALE:	DATE:	PIN:		SHEET:
NO SCALE	5/30/2025	22-20106	CD-31	65 OF 230

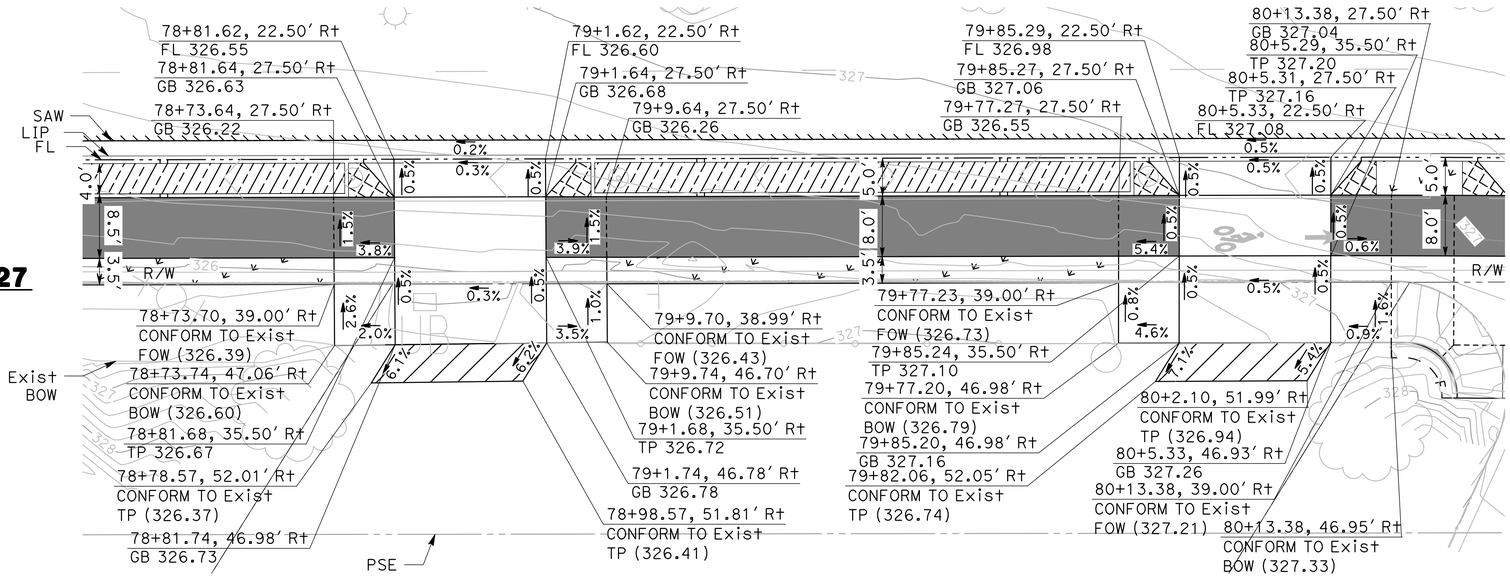
APN: 941-2760-7
ADDRESS: W LAS POSITAS Blvd



2 / CD-32

DRIVEWAYS #28 & #29

SCALE: 1" = 10'



1 / CD-32

DRIVEWAYS #26 & #27

SCALE: 1" = 10'

APN: 941-2760-27
ADDRESS: 5925 W LAS POSITAS Blvd

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0 5 10
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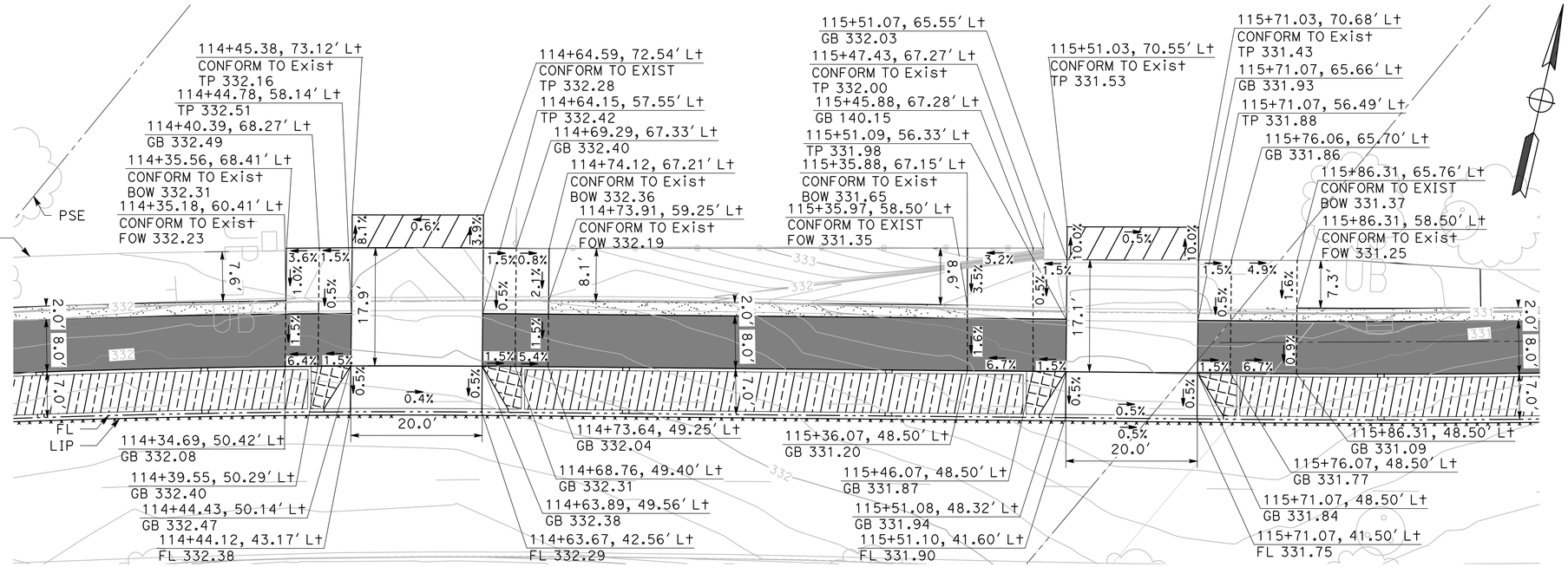
1"=10'	5/30/2025	22-20106	CD-32	66 OF 230

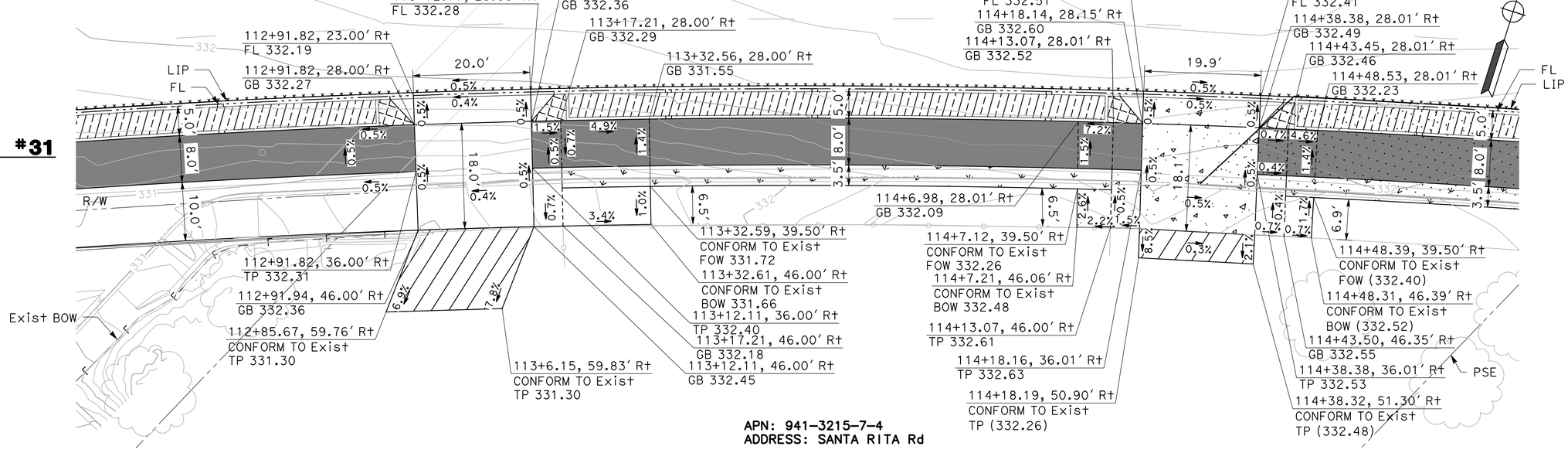
2 / CD-33 DRIVEWAY #32 & #33

SCALE: 1" = 10'



1 / CD-33 DRIVEWAY #30 & #31

SCALE: 1" = 10'



APN: 941-3215-7-4
ADDRESS: SANTA RITA Rd

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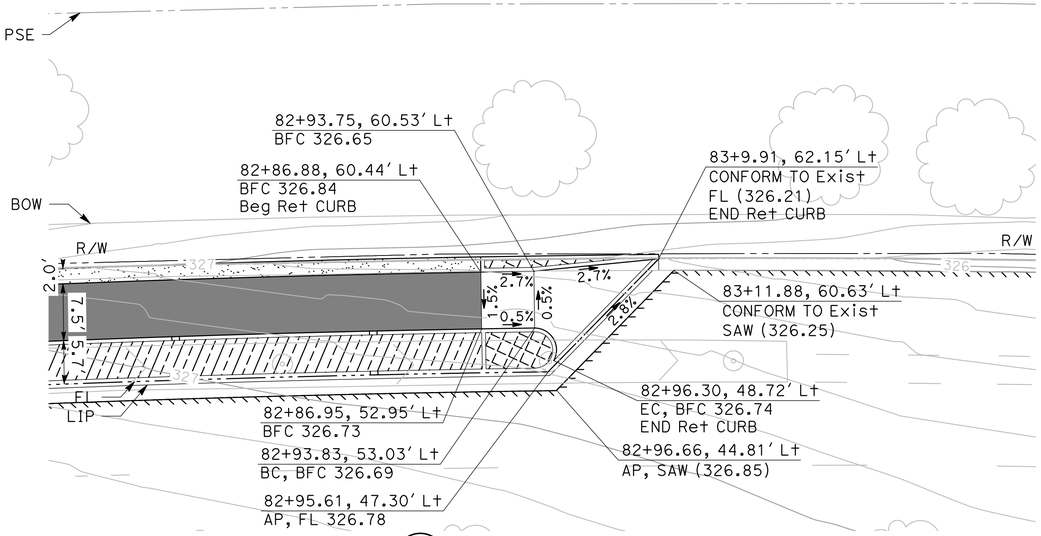
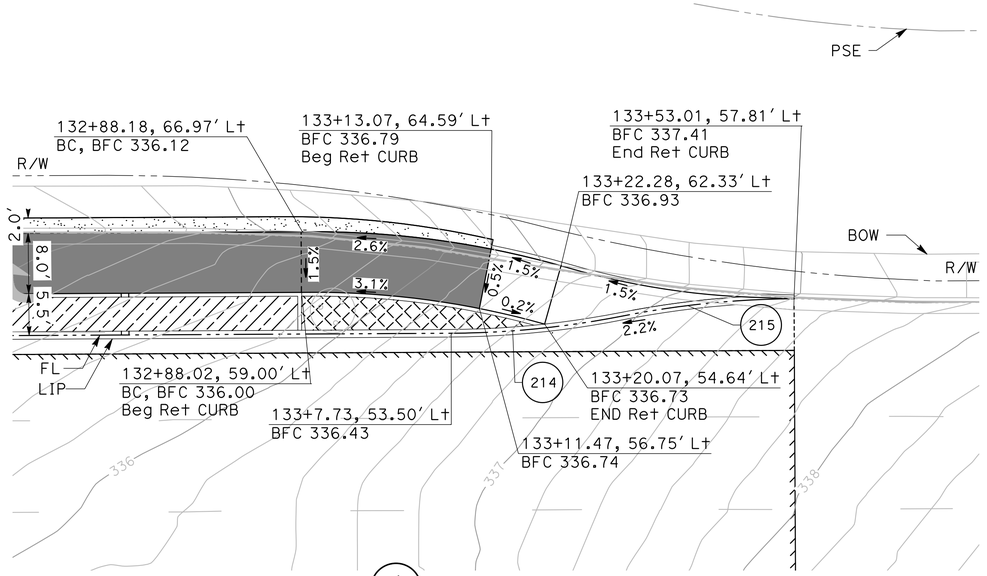
SCALE:	DATE:	PIN:		SHEET:
1"=10'	5/30/2025	22-20106	CD-33	67 OF 230



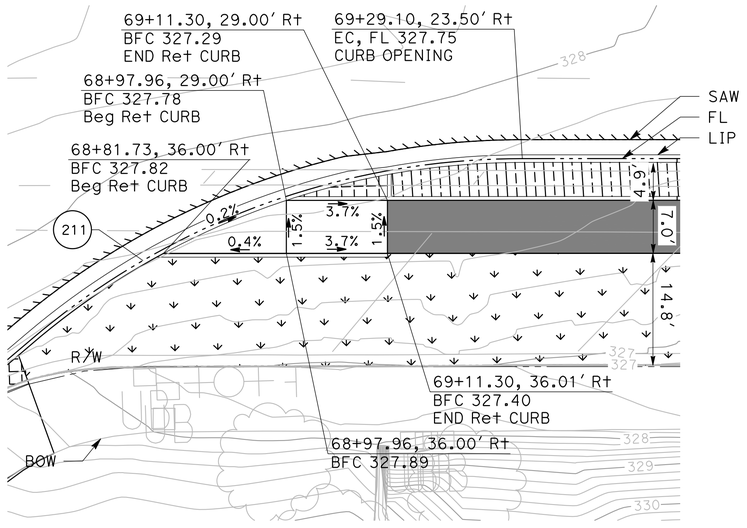
3 / CD-34 **BIKE RAMP #3**

SCALE: 1" = 10'



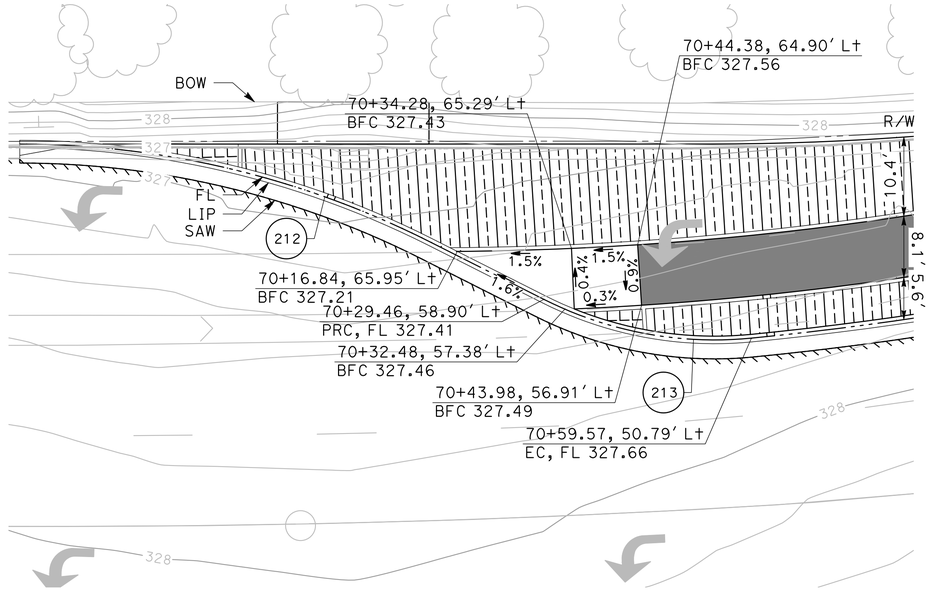
4 / CD-34 **BIKE RAMP #4**

SCALE: 1" = 10'



1 / CD-34 **BIKE RAMP #1**

SCALE: 1" = 10'



2 / CD-34 **BIKE RAMP #2**

SCALE: 1" = 10'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
211	100.00'	40°20'19"	36.73'	70.40'
212	120.00'	26°46'30"	28.56'	56.08'
213	50.00'	32°21'47"	14.51'	28.24'
214	120.00'	10°52'42"	11.43'	22.78'
215	120.00'	10°52'42"	11.43'	22.78'

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

0 5 10
SCALE: 1"=10'

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REG. ISTERED PROFESS IONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CAL FORN A

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY:ERIK LAPPEN/ALEX RODRIGUEZ
DRAWN BY:MIDORI HAYASHI/MANAAL CHOWDHURY/ALAN MILLAR

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION DETAILS

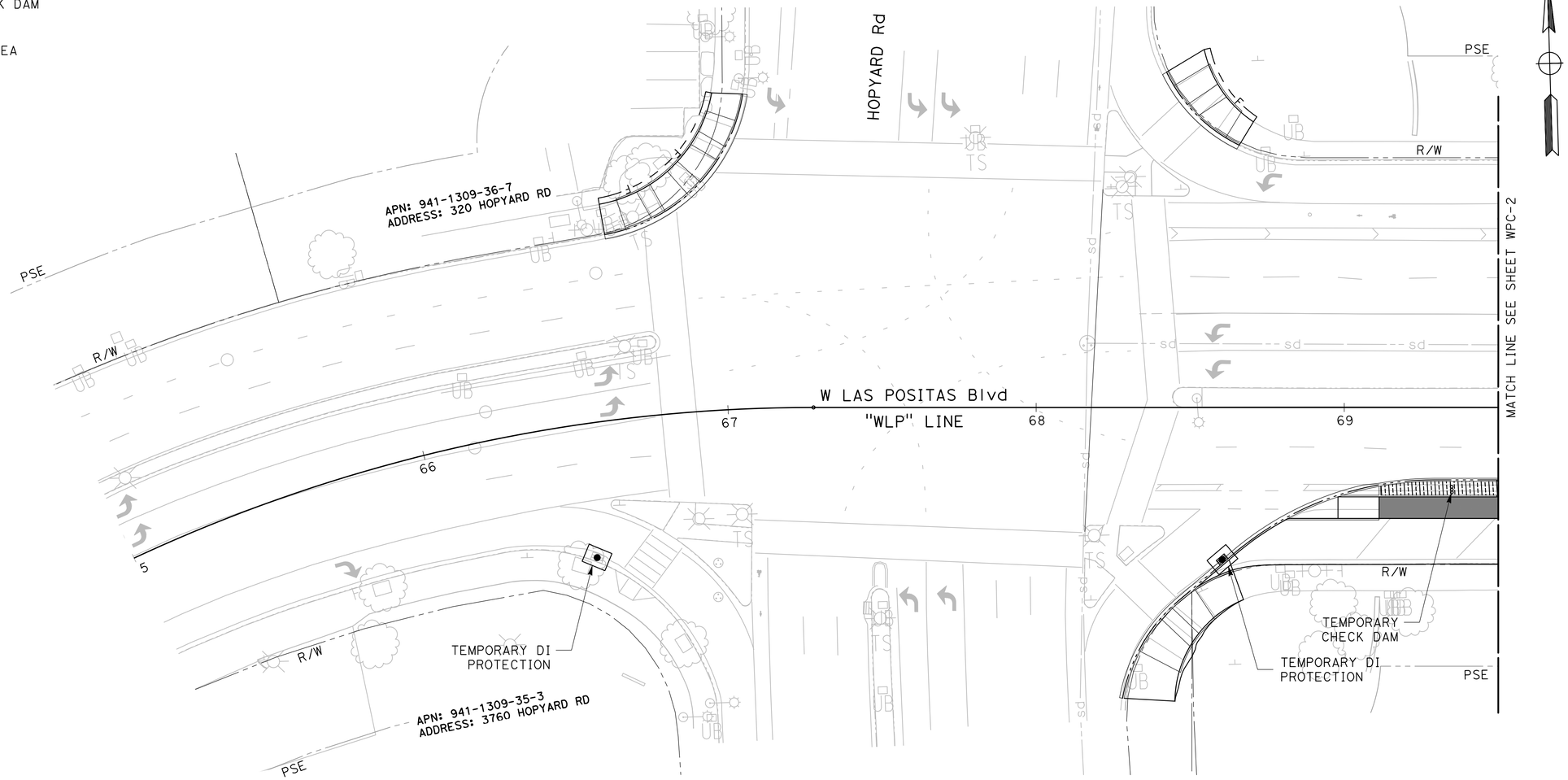
SCALE:	DATE:	PIN:	CD-34	SHEET:
1"=10'	5/30/2025	22-20106		68 OF 230

NOTES:

EXACT LOCATION OF TEMPORARY CHECK DAMS SHALL BE DETERMINED BY THE ENGINEER.

LEGEND:

- TEMPORARY DI PROTECTION
- TEMPORARY CHECK DAM
- BIORETENTION AREA
- BIKE LANE



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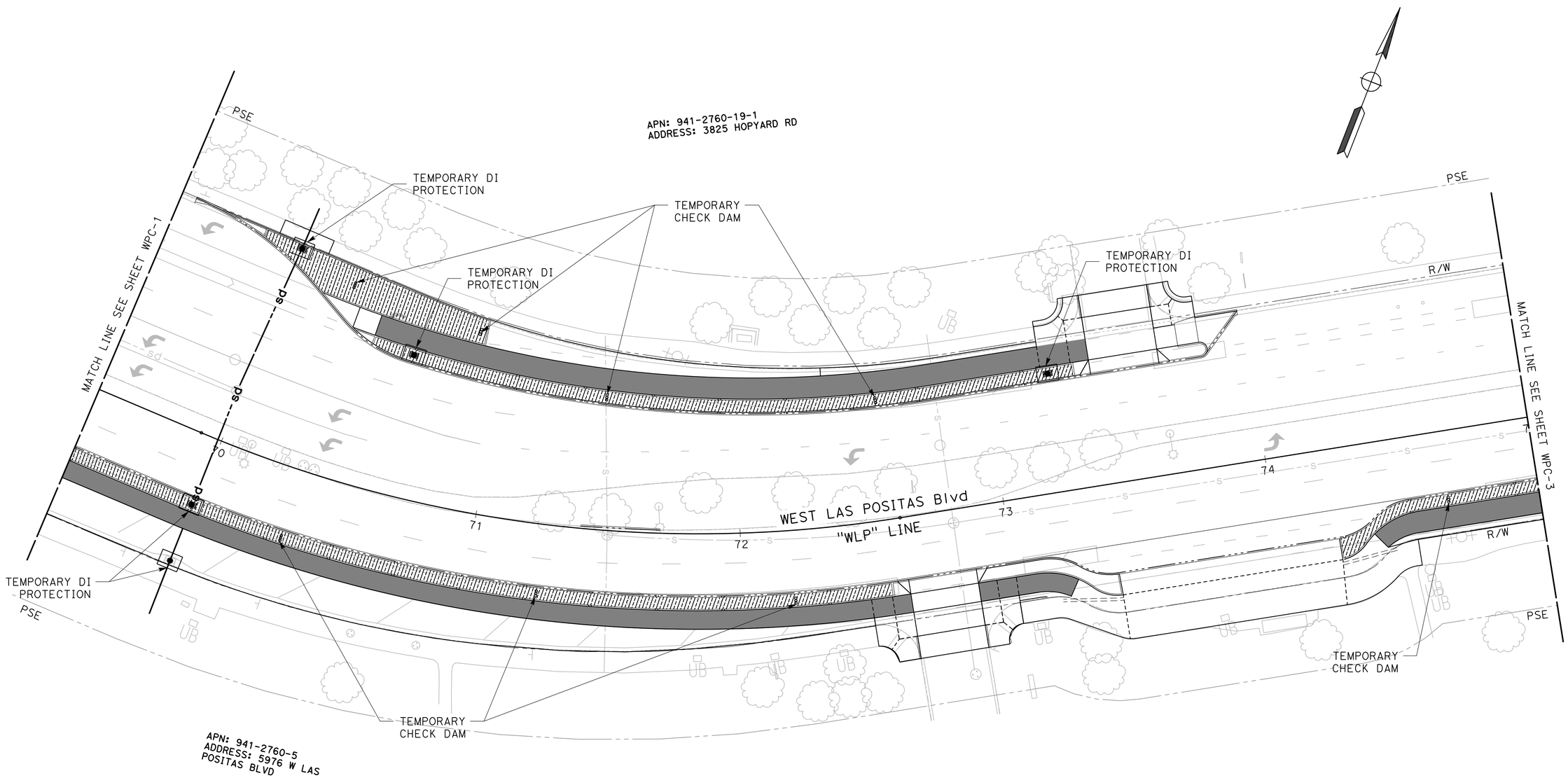
DRAWN BY: MIDORI HAYASHI/MANAAL CHOWDHURY

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
WATER POLLUTION CONTROL PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	WPC-1 69 OF 230



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CIP#11514
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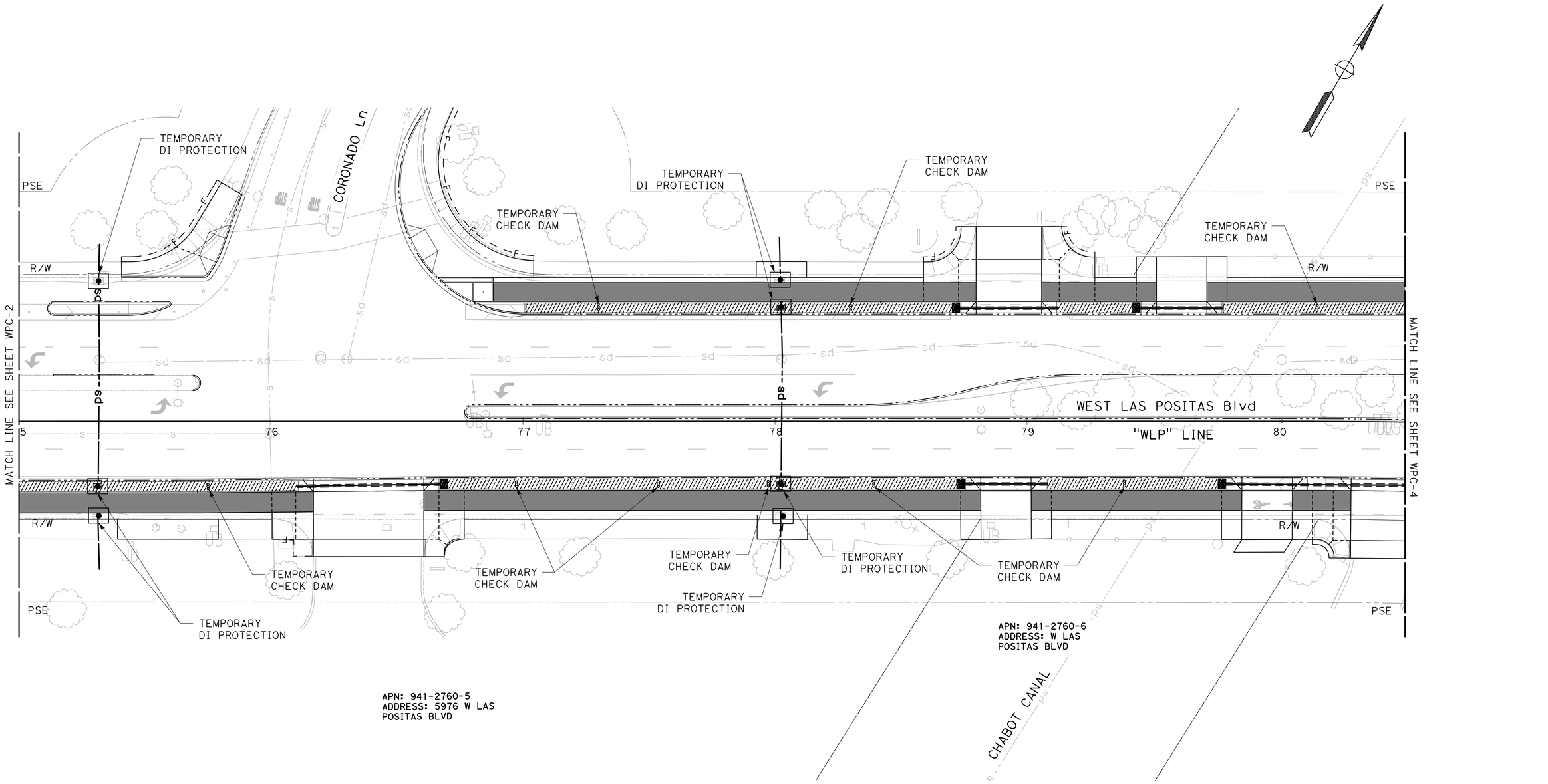
SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	WPC-2 70 OF 230



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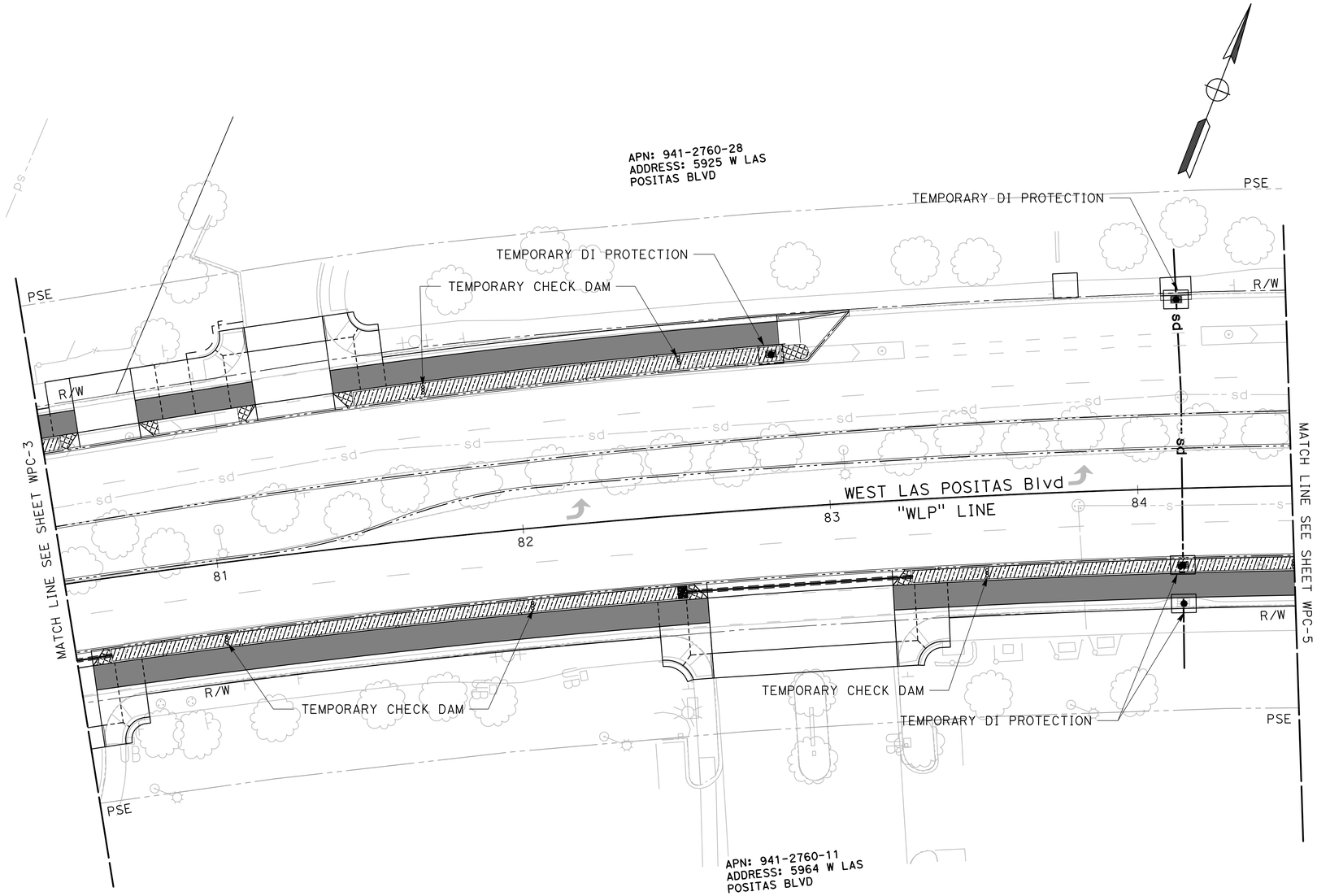
CIP#11514
WATER POLLUTION CONTROL PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	WPC-3 71 OF 230



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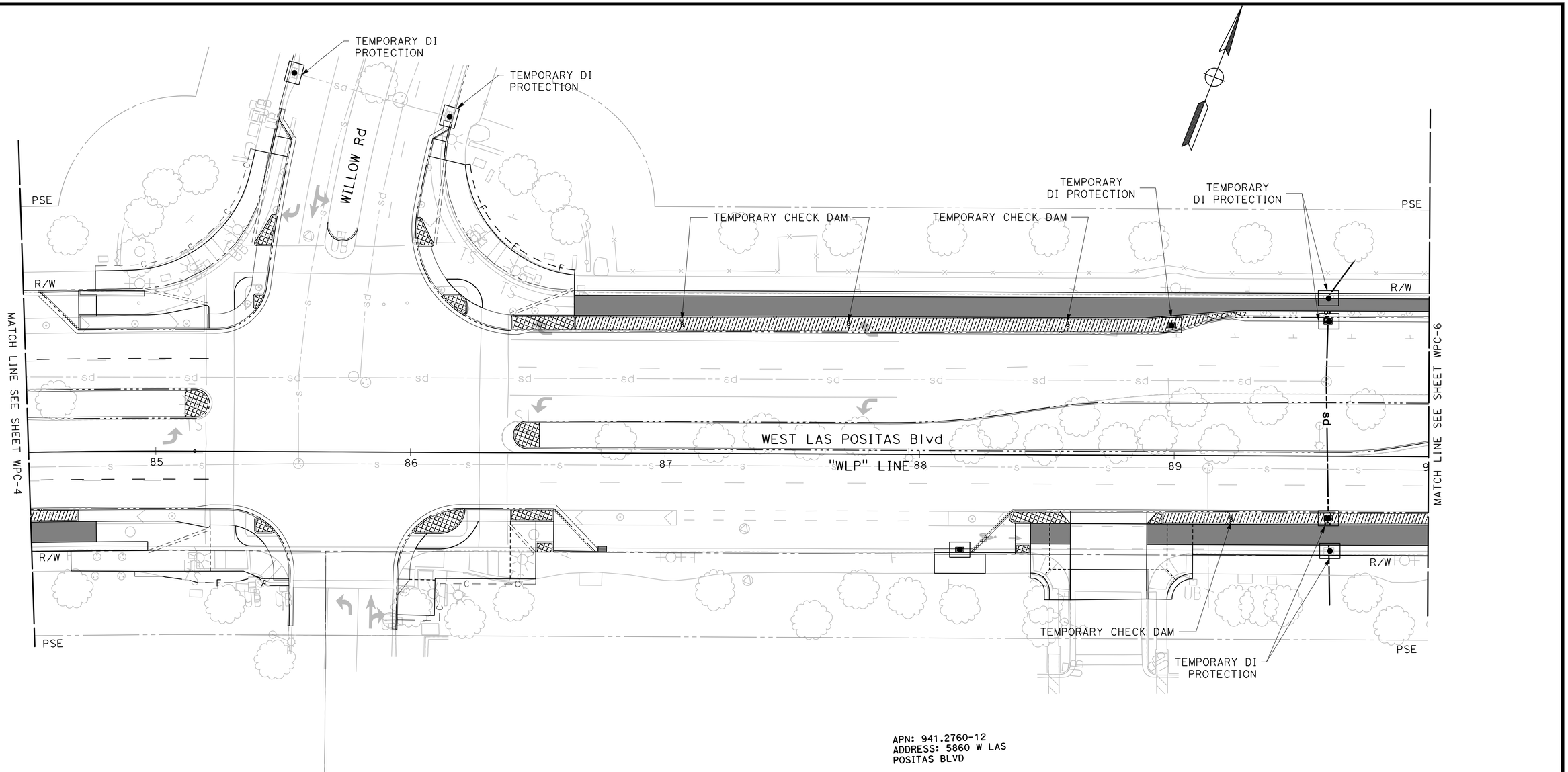
CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT CIP#11514
WATER POLLUTION CONTROL PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	WPC-4 72 OF 230



APN: 941.2760-12
ADDRESS: 5860 W LAS POSITAS BLVD

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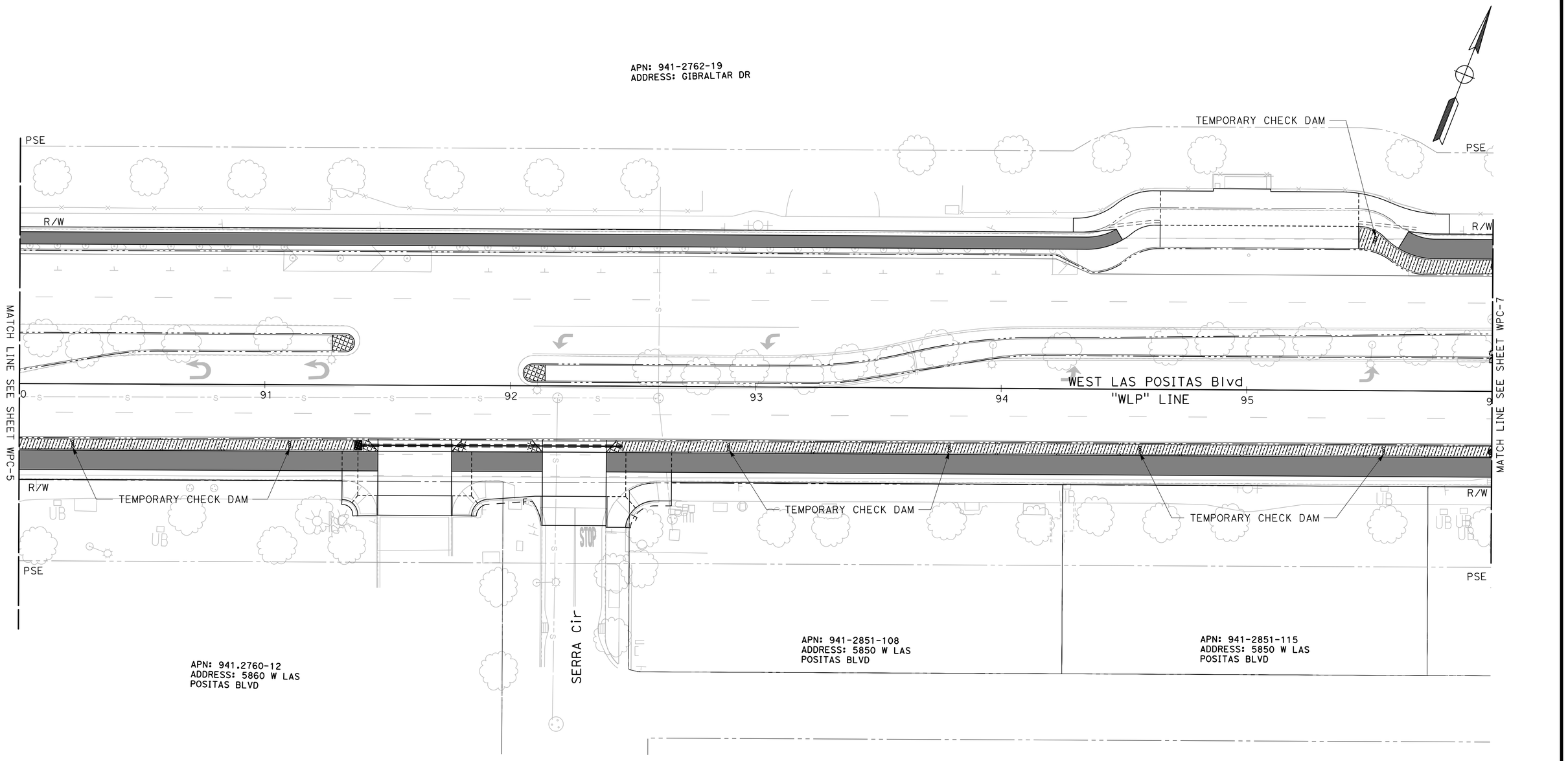
CIP#11514
WATER POLLUTION CONTROL PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	WPC-5 73 OF 230

APN: 941-2762-19
ADDRESS: GIBRALTAR DR



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CIP#11514
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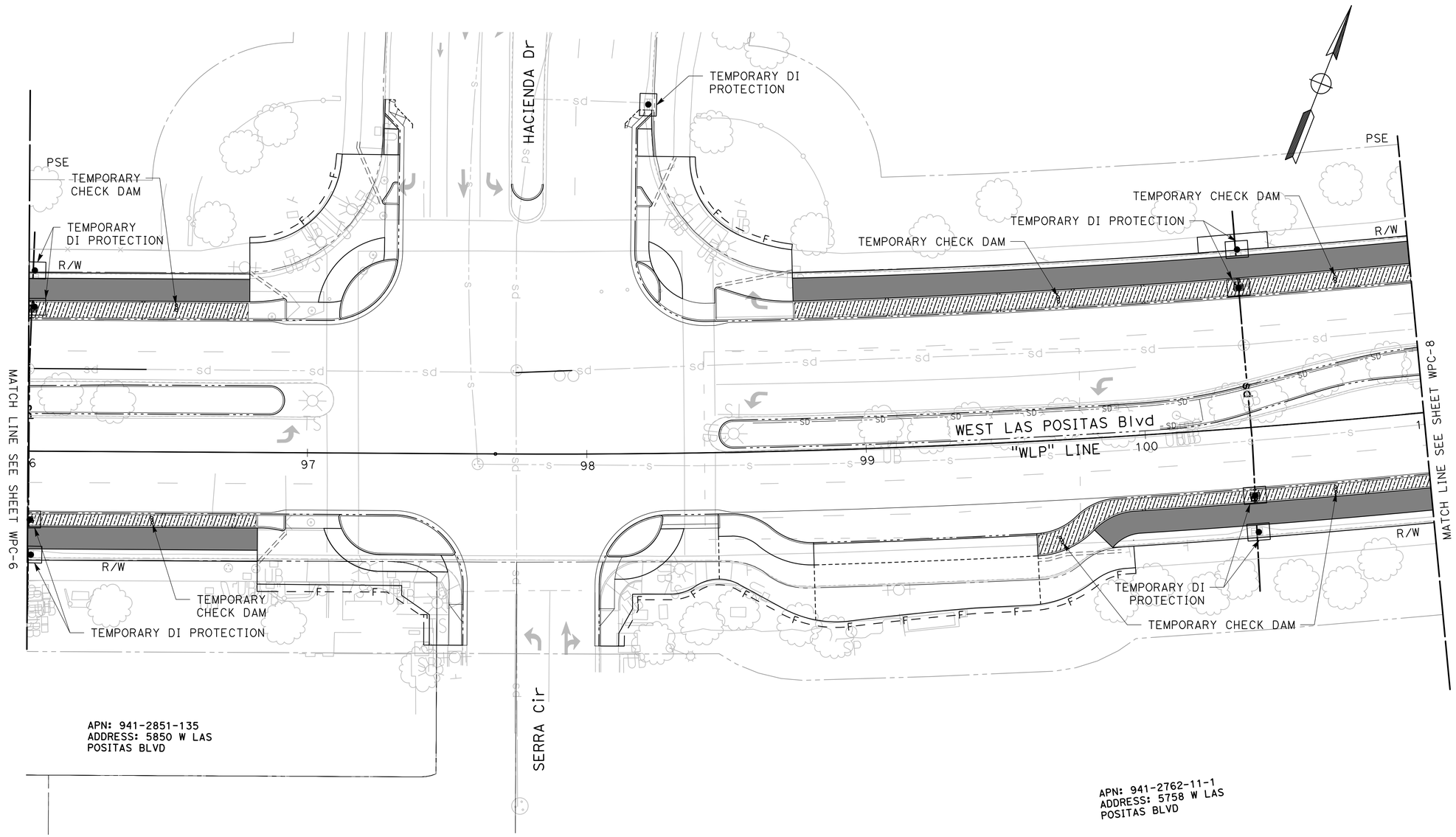

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CIP#11514
WATER POLLUTION CONTROL PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	WPC-7 75 OF 230

APN: 941-2762-25
ADDRESS: 5775 W LAS POSITAS BLVD

APN: 941-2762-26
ADDRESS: HACIENDA DR

APN: 941-2763-19
ADDRESS: 5645 GIBERALTAR DR

PSE

TEMPORARY CHECK DAM

TEMPORARY CHECK DAM

TEMPORARY DI PROTECTION

TEMPORARY CHECK DAM

TEMPORARY DI PROTECTION

R/W

R/W

MATCH LINE SEE SHEET WPC-7

MATCH LINE SEE SHEET WPC-9

WEST LAS POSITAS Blvd

"WLP" LINE

102

103

104

105

106

sd

R/W

R/W

TEMPORARY CHECK DAM

TEMPORARY CHECK DAM

TEMPORARY DI PROTECTION

TEMPORARY CHECK DAM

TEMPORARY DI PROTECTION

PSE

PSE

APN: 941-2762-11-1
ADDRESS: 5758 W LAS POSITAS BLVD

APN: 941-2762-13-1
ADDRESS: 5724 W LAS POSITAS BLVD

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0 10 20
SCALE: 1"=20'

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WALNUT CREEK, CA 94596
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CITY OF PLEASANTON
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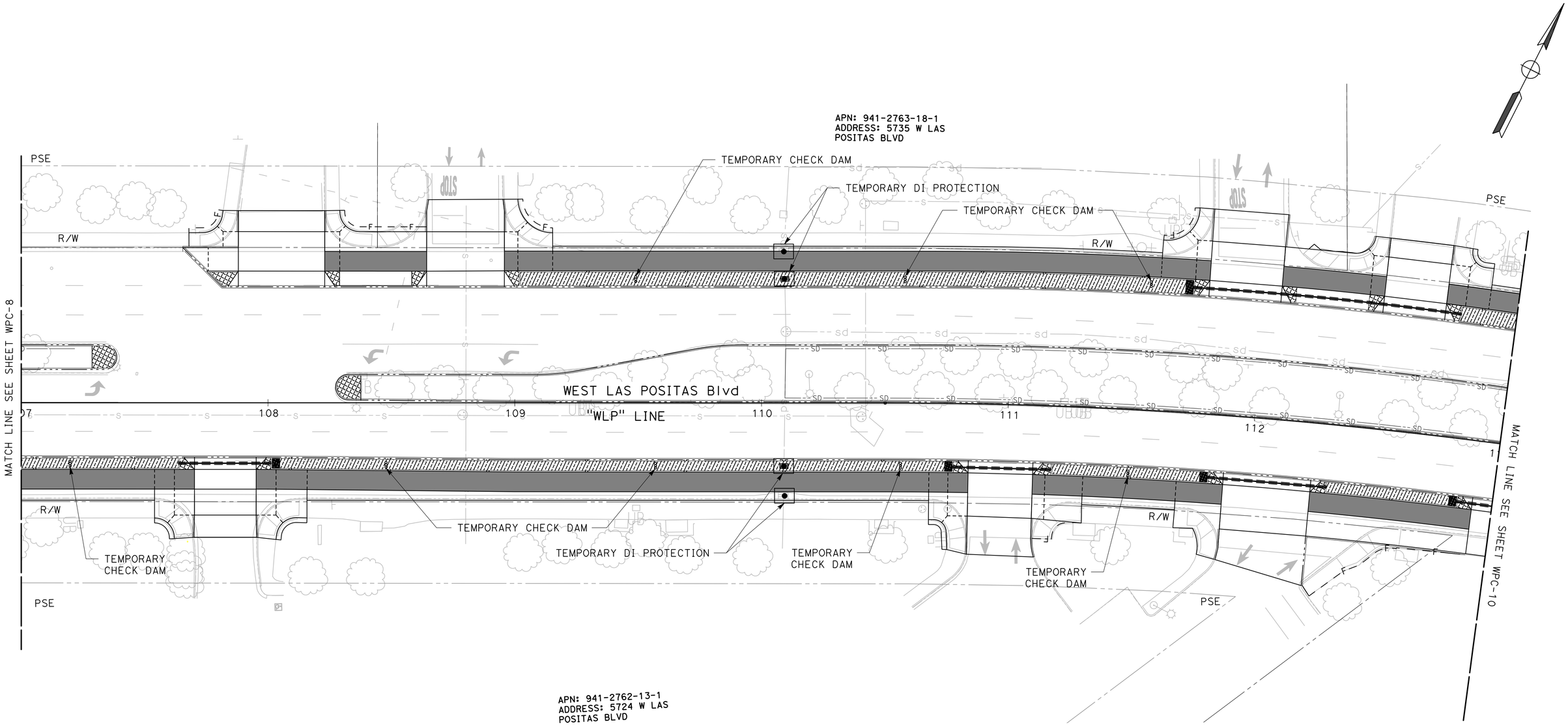
CIP#11514
WATER POLLUTION CONTROL PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	WPC-8 76 OF 230



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CITY OF PLEASANTON

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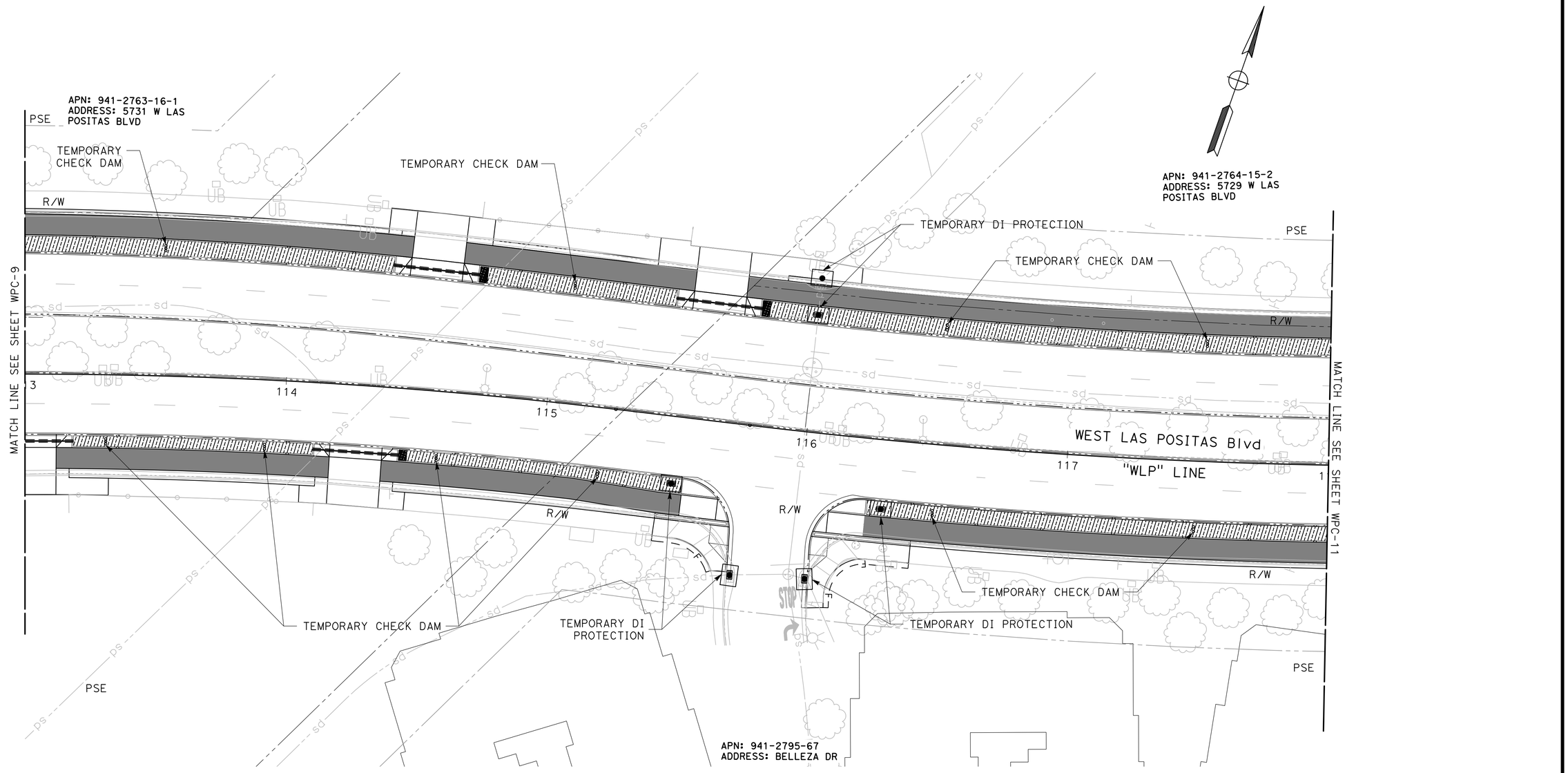
WATER POLLUTION CONTROL PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	WPC-9 77 OF 230



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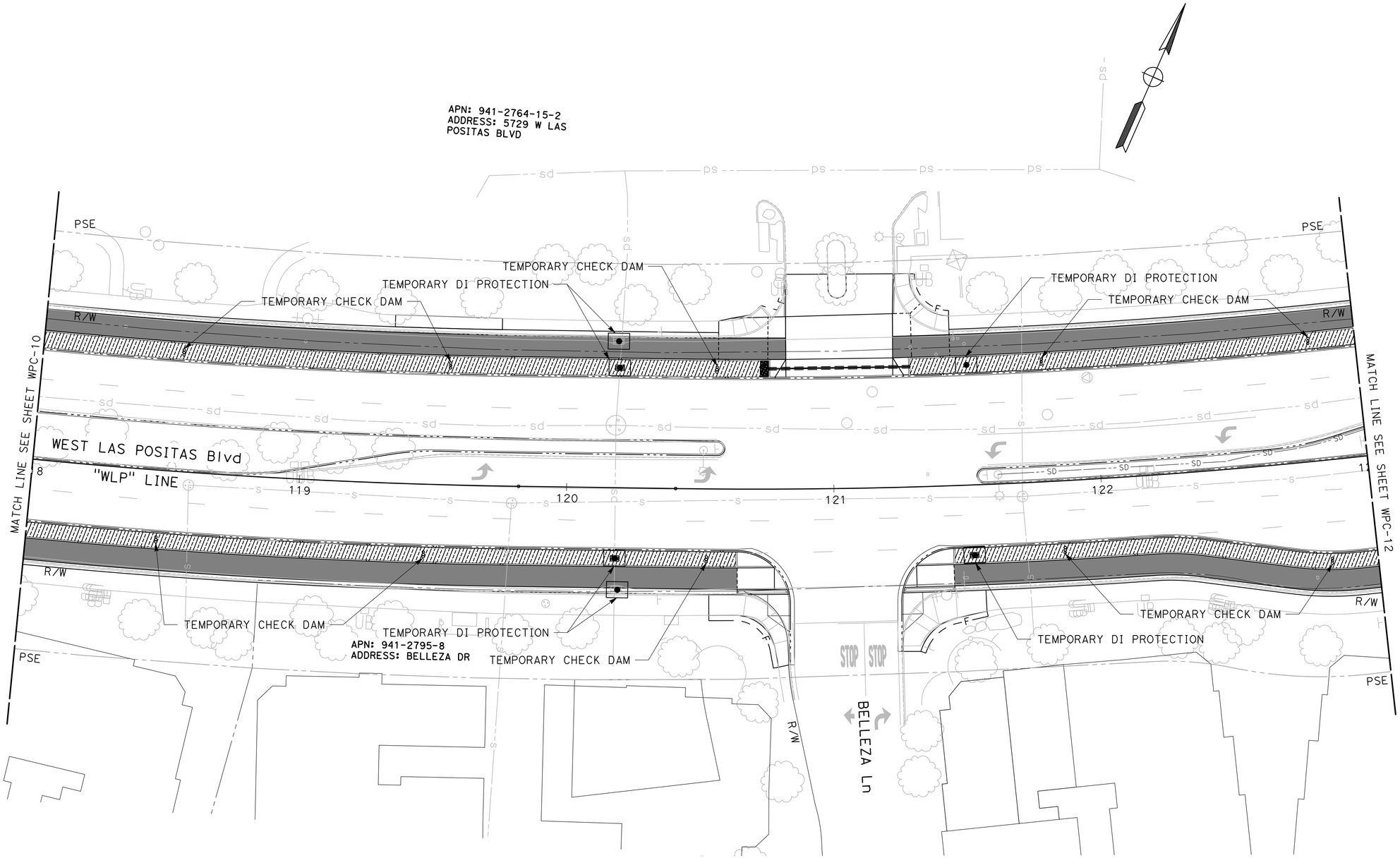

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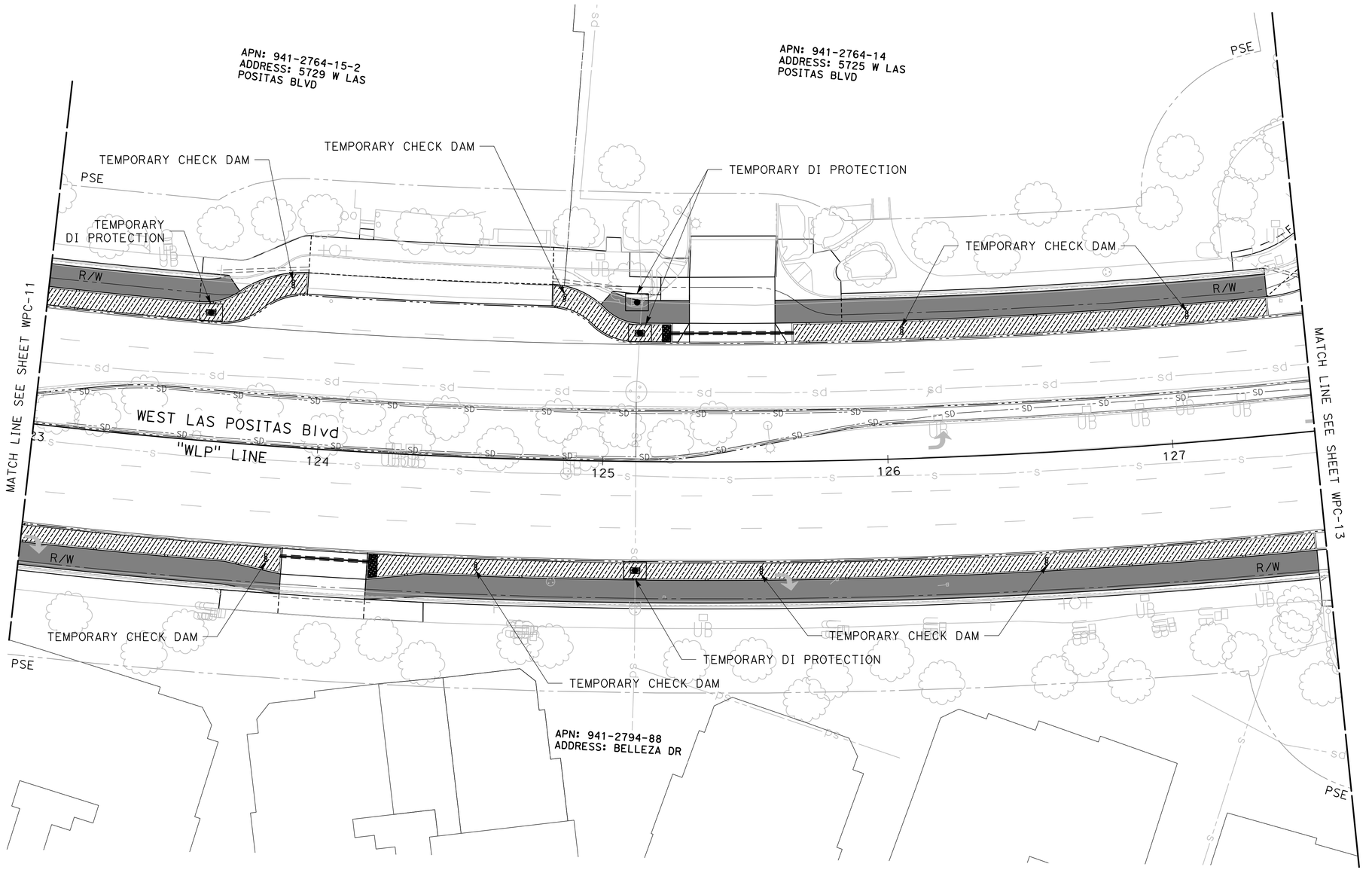

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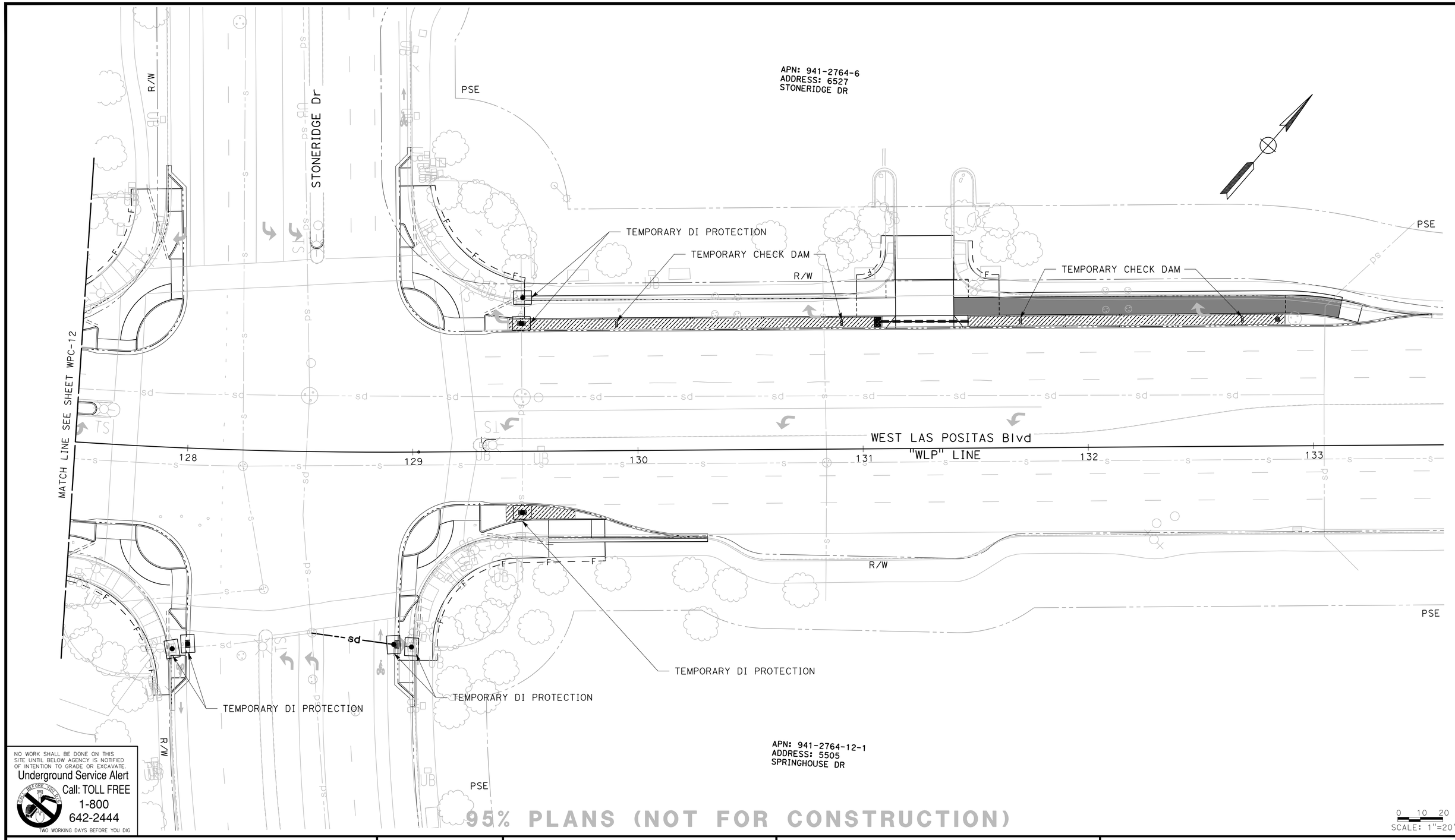

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1"=20'	5/30/2025	22-20106	WPC-13 81 OF 230

NOTES:

1. FOR ACCURATE CITY RIGHT OF WAY DATA, CONTACT THE CITY OF PLEASANTON.
2. CONTRACTORS SHALL SCHEDULE CONSTRUCTION OPERATIONS SO THAT UTILITIES ARE KEPT IN SERVICE AT ALL TIMES.
3. LOCATIONS OF STORM DRAIN FACILITIES AND UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
4. ALL EXISTING UTILITIES SHALL REMAIN EXCEPT WHERE SHOWN TO BE REMOVED OR ABANDONED.
5. SEE E SHEETS FOR TRAFFIC SIGNAL AND LIGHTING SYSTEM RELOCATIONS.
6. EXISTING WATER AND RECLAIMED WATER LINE IS BASED ON AVAILABLE AS-BUILT INFORMATION AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
7. FOR UTILITY CROSSING PAVEMENT REPAIR LIMITS AND DETAILS, SEE LAYOUT SHEETS AND DUD-1.
8. SEE SHEET DUD-3 FOR OVERFLOW INLET DETAILS AND FOR BIORETENTION BASIN DETAILS.
9. SEE S SHEETS FOR SEWER LINE REPLACEMENTS.
10. ALL EXISTING STREET LIGHT CONDUITS AND BOXES IN MEDIANS WILL BE REMOVED AND REPLACED. SEE E SHEETS.
11. FOR CLEANOUT DETAILS, SEE SHEET DUD-2.
12. REMOVE VALVE AND TEE AND REPLACE WITH SHORT SPOOL AND 2 SOLID SLEEVE MJ PER CITY STD DWG 313. INSTALL RUN AND CONNECT NEW WATER LATERAL LINE, THEN ABANDON OLD LINE.
13. PIPE REMOVAL AND REPLACEMENT SHALL BE TO THE NEAREST JOINT, BELL AND SPIGOT OR MECHANICAL FASTENER.

LEGEND:

- Exist GAS (PG&E)
- Exist TELECOMMUNICATION (AT&T, COMCAST, LUMEN, VERIZON, ZAYO)
- Exist STORM DRAIN (COP STD)
- Exist SANITARY SEWER (COP STD)
- Exist WATER (ZONE 7)
- Exist RECLAIMED WATER (CITY OF PLEASANTON)
- Exist ELECTRIC (PG&E)
- Exist OVERHEAD ELECTRIC (PG&E)
- Exist TRIPLE BOX CULVERT
- PROPOSED SANITARY SEWER PIPE
- PROPOSED SANITARY SEWER PIPE
- PROPOSED STORM DRAIN PIPE
- PROPOSED PVC (SIZE PER PLAN)
- PROPOSED 6" PERFORATED PVC
- PROPOSED DRIVEWAY CULVERT
- PROPOSED SDMH
- PROPOSED DI
- Exist PROGRAM WELL (ZONE 7)
- Exist MONITOR WELL (ZONE 7)
- Exist DESTROYED WELL (ZONE 7)
- UTILITY POTHOLE
- COBBLESTONE SPLASH PAD
- UTILITY TRENCH CUTOFF (SEE DUD-1 FOR DETAILS)
- POTHOLE NUMBER
- OVERFLOW INLET
- Exist BOX CULVERT

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Underground Service Alert
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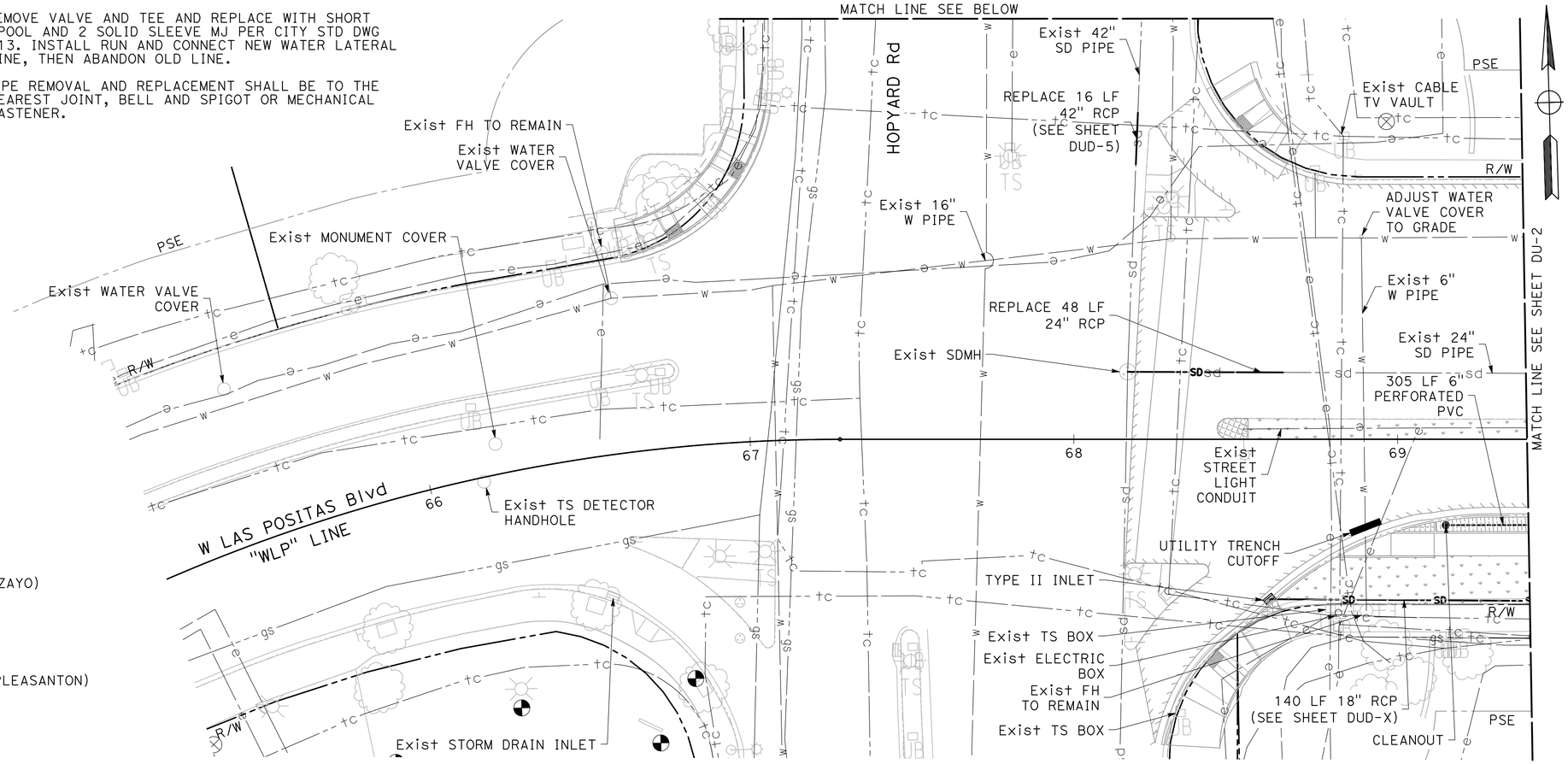
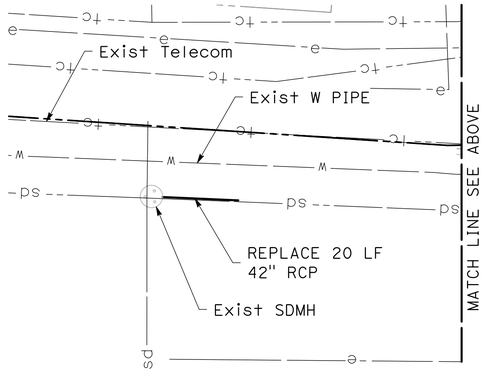
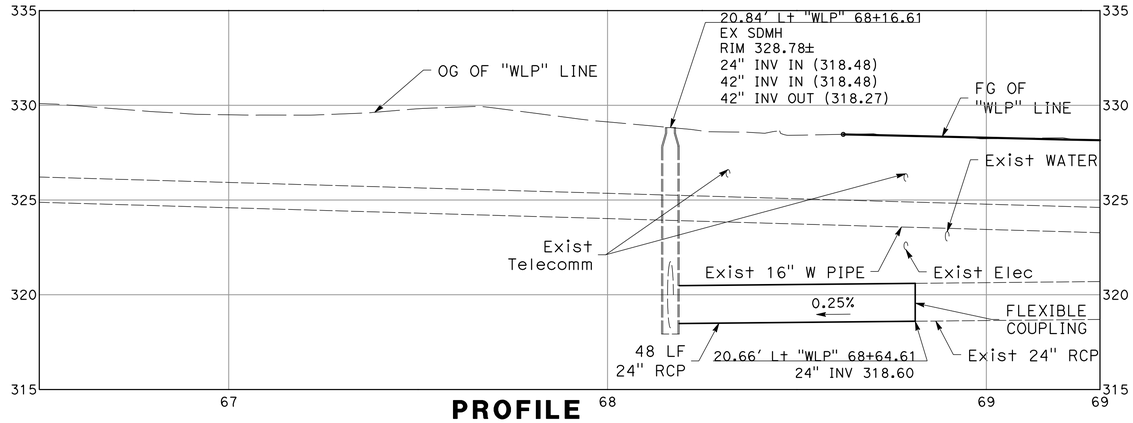
642-2444
TWO WORKING DAYS BEFORE YOU DIG







PROFILE

SCALE: 1" = 20' (H)
1" = 4' (V)

0 10 20
SCALE: 1"=20'

95% PLANS (NOT FOR CONSTRUCTION)

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
RACHEL WOOLDRIDGE
No. 88328
Exp. 03-31-26
CIVIL
STATE OF CALIFORNIA

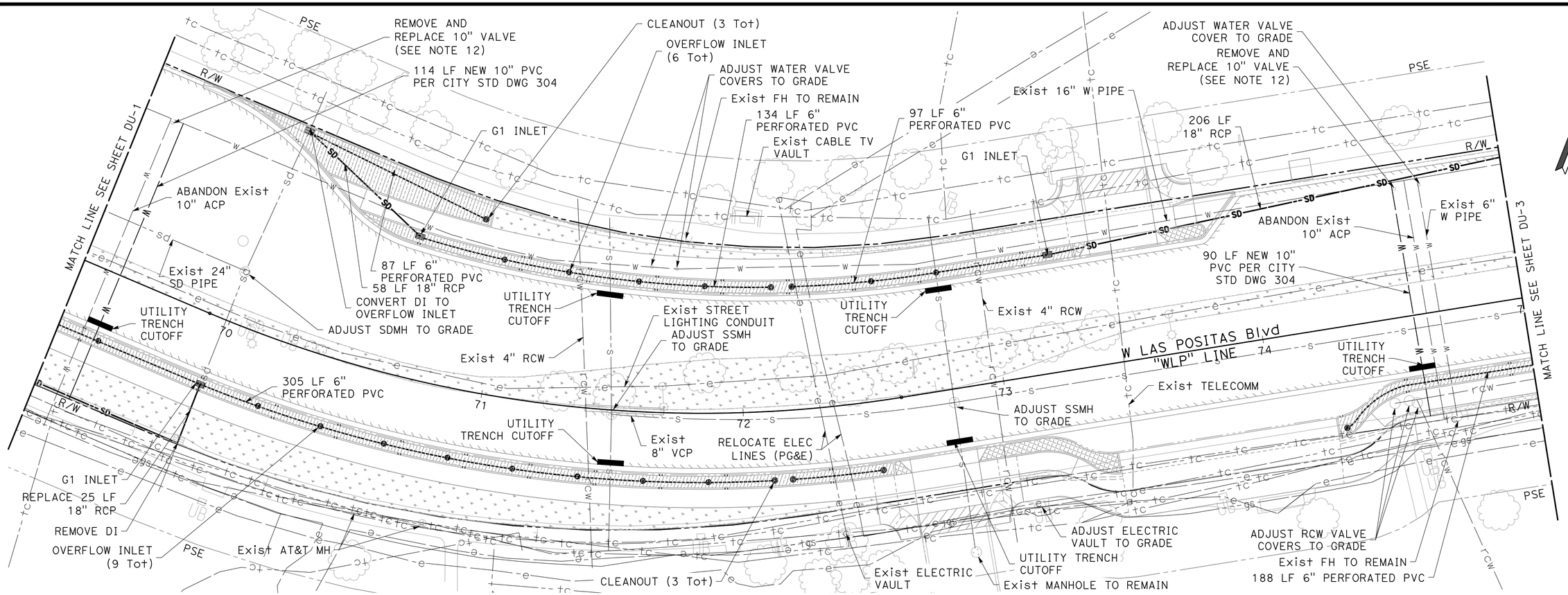
THE CITY OF PLEASANTON

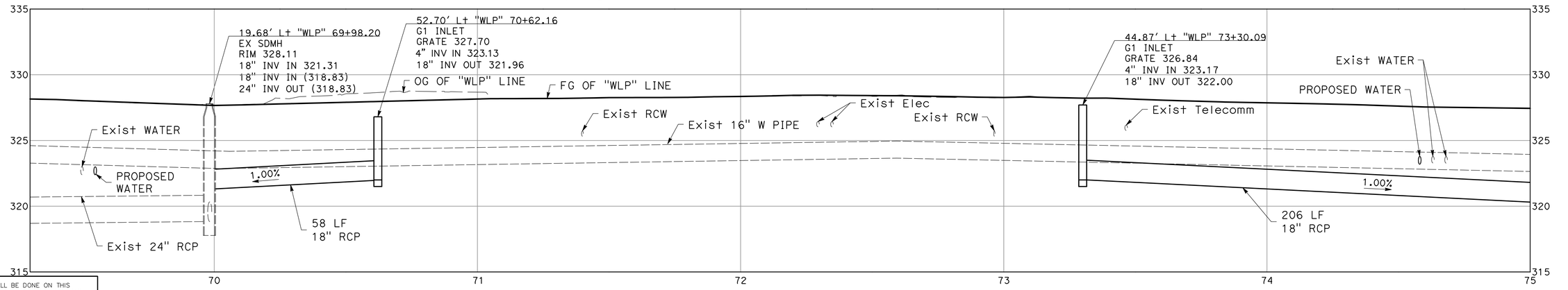
REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY:
DRAWN BY:

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
DRAINAGE AND UTILITY PLAN

SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	DU-1	82 OF 230





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642-2444
TWO WORKING DAYS BEFORE YOU DIG

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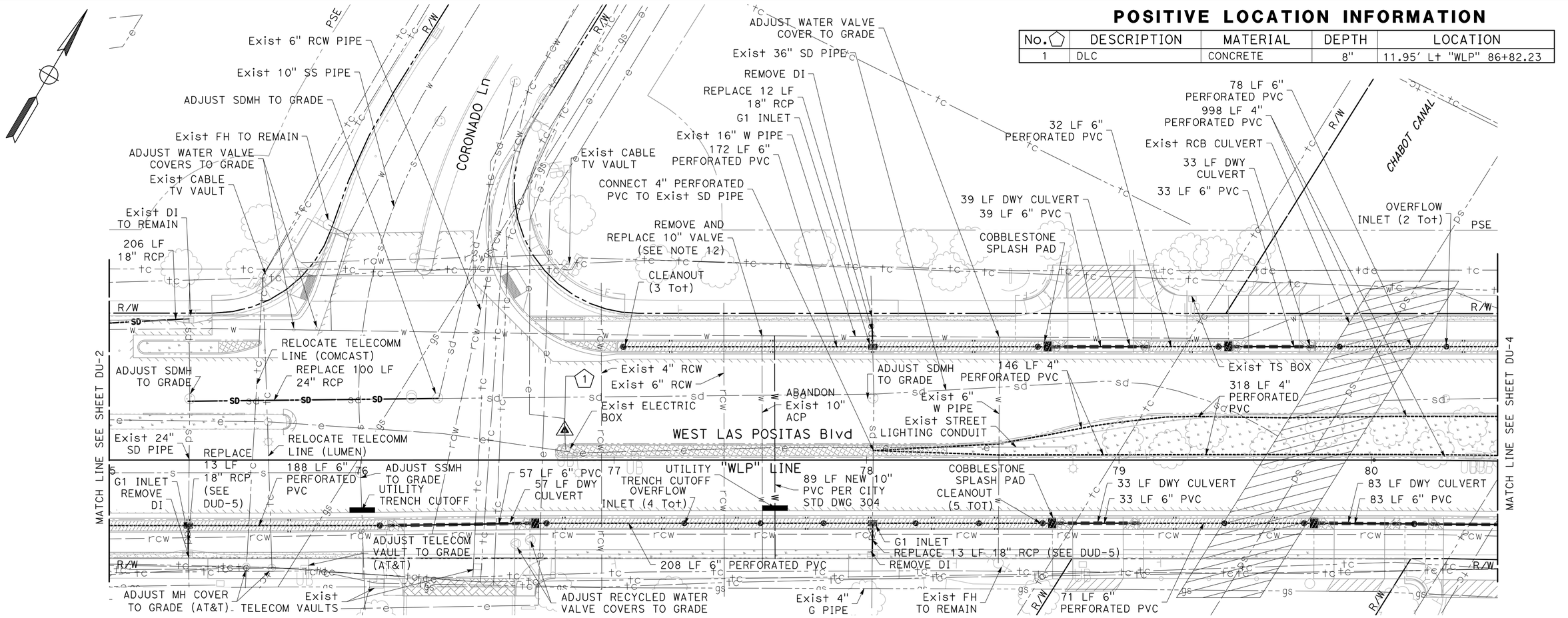
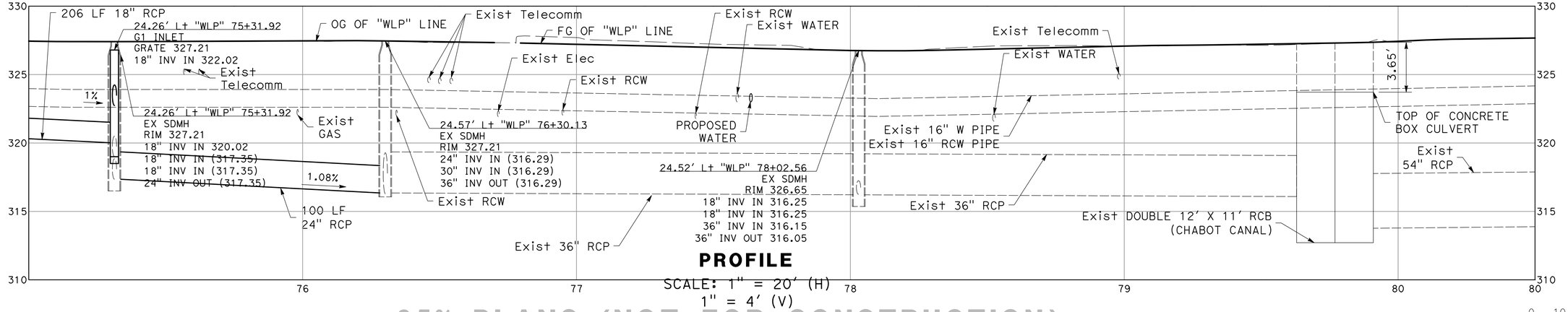
CIP#11514
DRAINAGE AND UTILITY PLAN

SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	DU-2	83 OF 230

POSITIVE LOCATION INFORMATION

No.	DESCRIPTION	MATERIAL	DEPTH	LOCATION
1	DLC	CONCRETE	8"	11.95' Lt "WLP" 86+82.23





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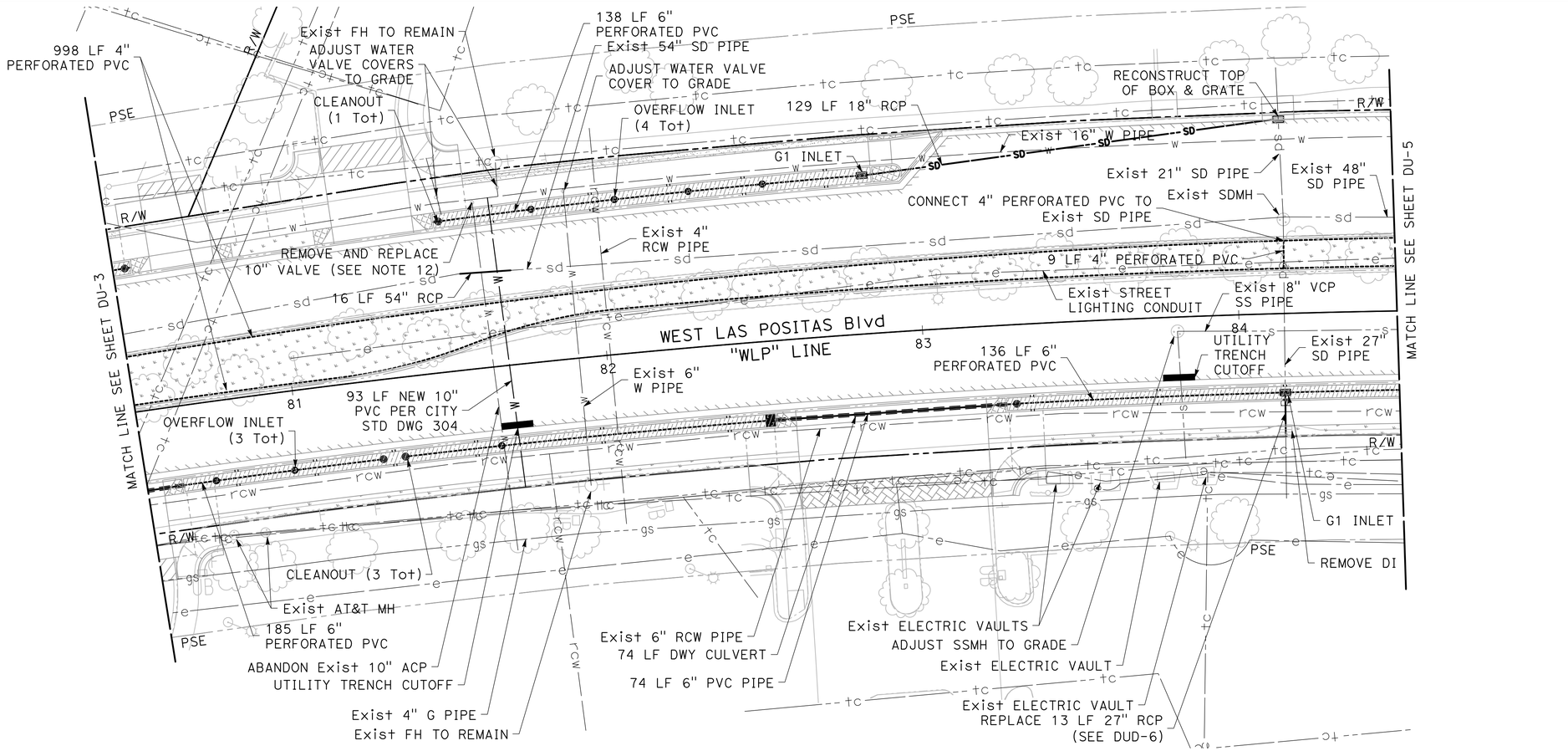
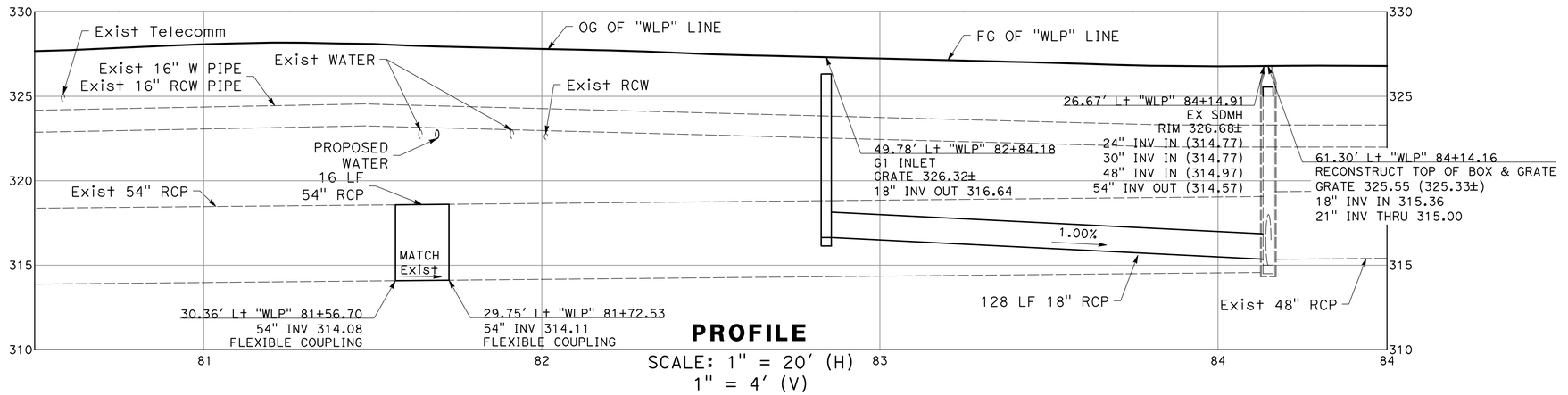
CIP#11514
DRAINAGE AND UTILITY PLAN

SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	DU-3	84 OF 230





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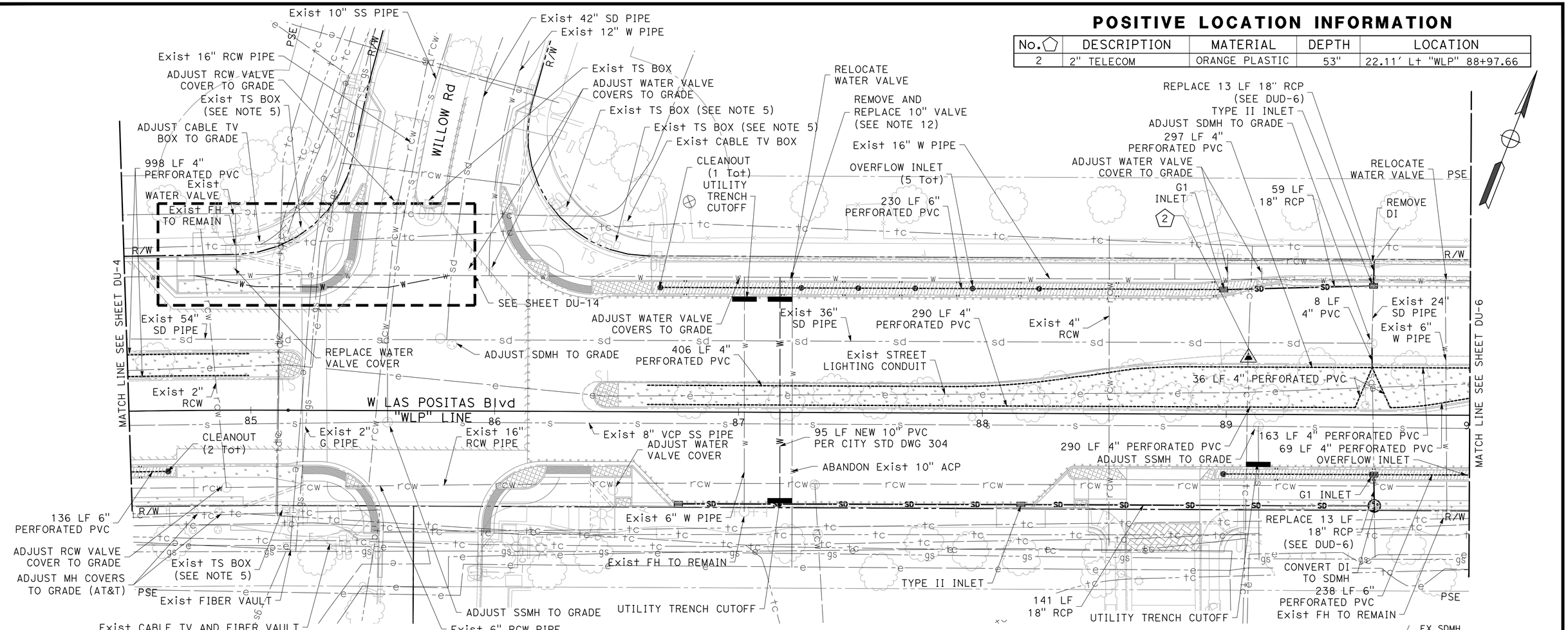
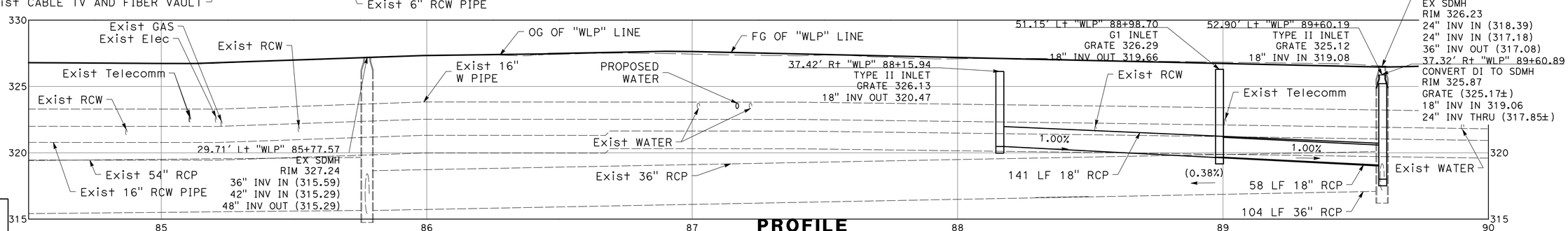
DRAINAGE AND UTILITY PLAN

SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	DU-4	85 OF 230

POSITIVE LOCATION INFORMATION

No. ⬠	DESCRIPTION	MATERIAL	DEPTH	LOCATION
2	2" TELECOM	ORANGE PLASTIC	53"	22.11' Lt "WLP" 88+97.66





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SCALE: 1"=20'

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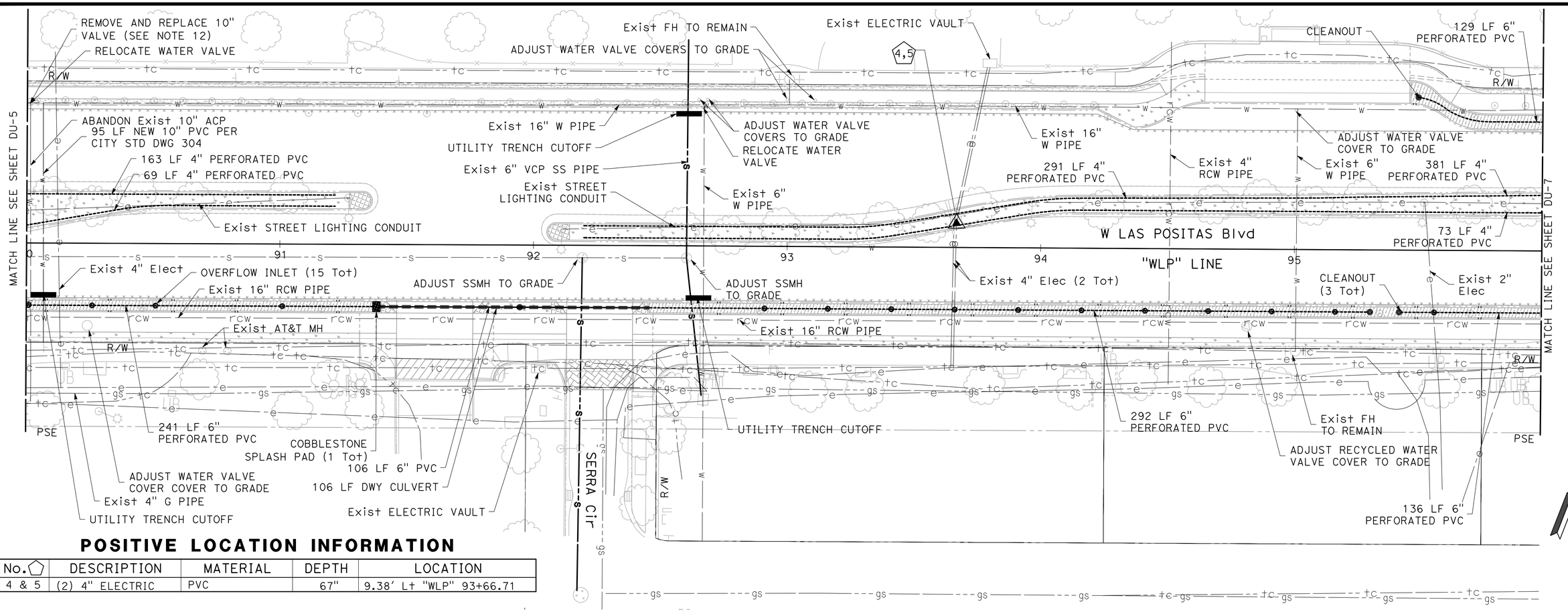
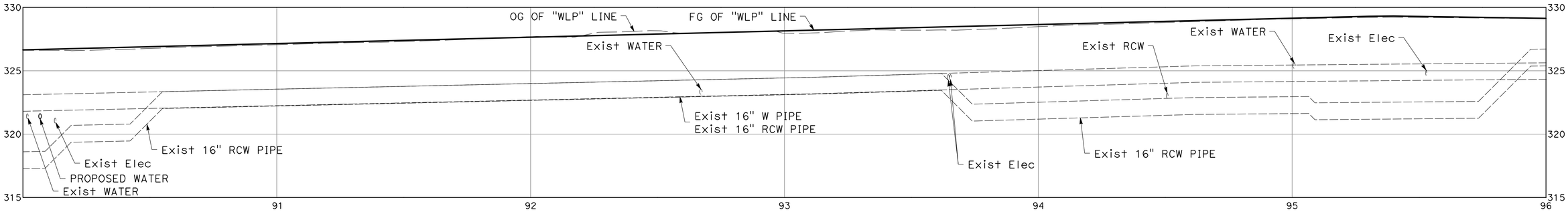
CIP#11514
DRAINAGE AND UTILITY PLAN

SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	DU-5	86 OF 230



POSITIVE LOCATION INFORMATION

No.⬠	DESCRIPTION	MATERIAL	DEPTH	LOCATION
4 & 5	(2) 4" ELECTRIC	PVC	67"	9.38' Lt "WLP" 93+66.71



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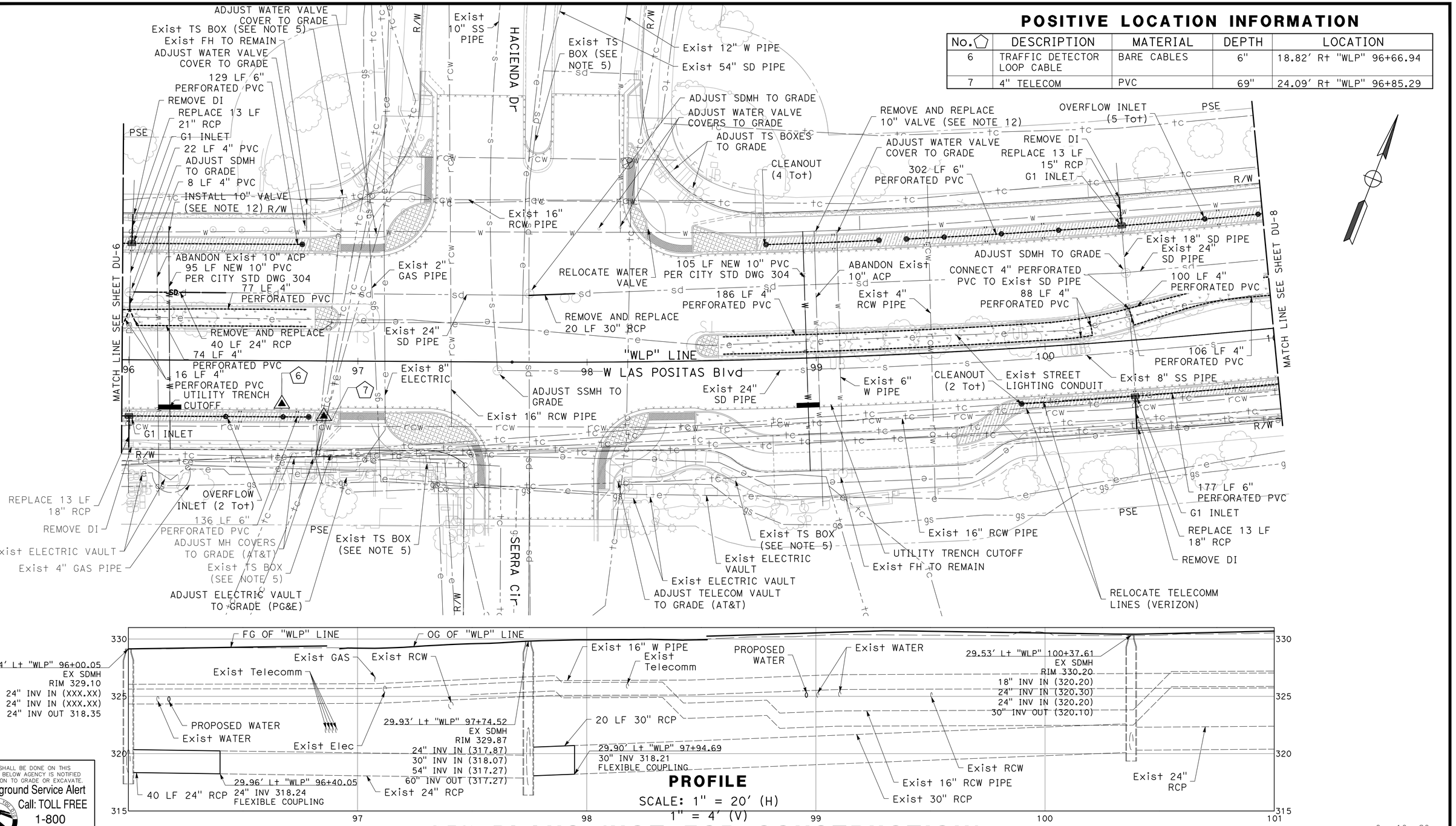
SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	DU-6	87 OF 230

POSITIVE LOCATION INFORMATION

No.	DESCRIPTION	MATERIAL	DEPTH	LOCATION
6	TRAFFIC DETECTOR LOOP CABLE	BARE CABLES	6"	18.82' Rt "WLP" 96+66.94
7	4" TELECOM	PVC	69"	24.09' Rt "WLP" 96+85.29



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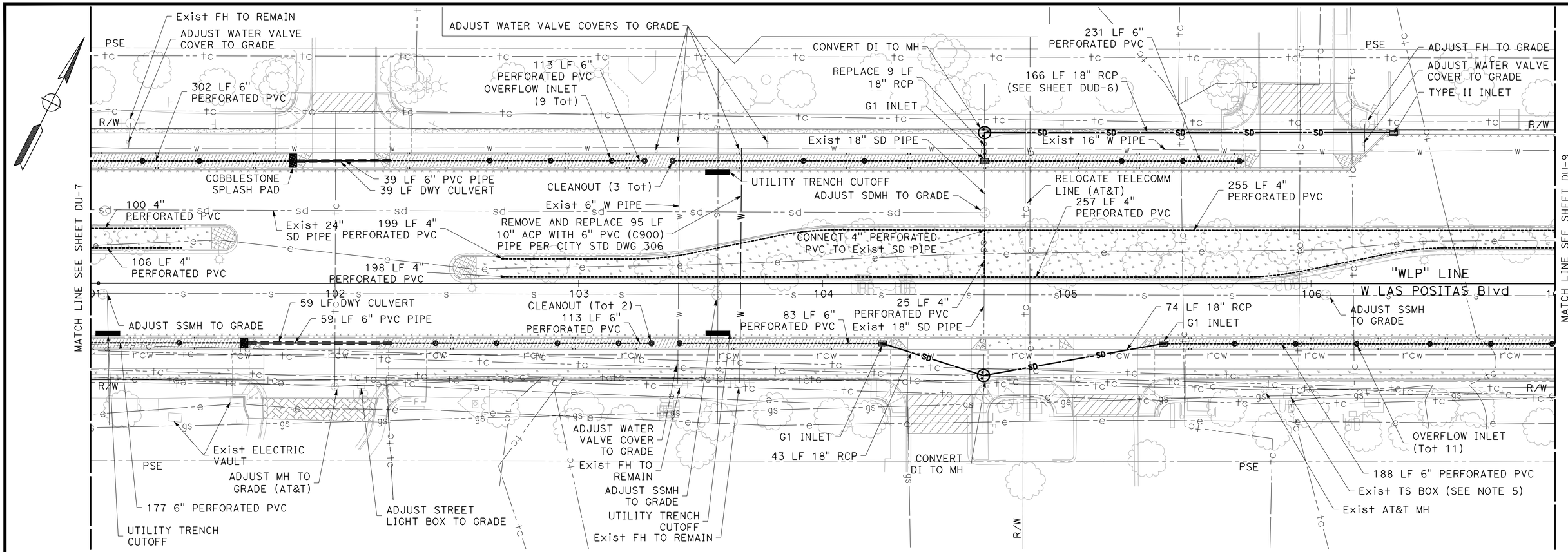
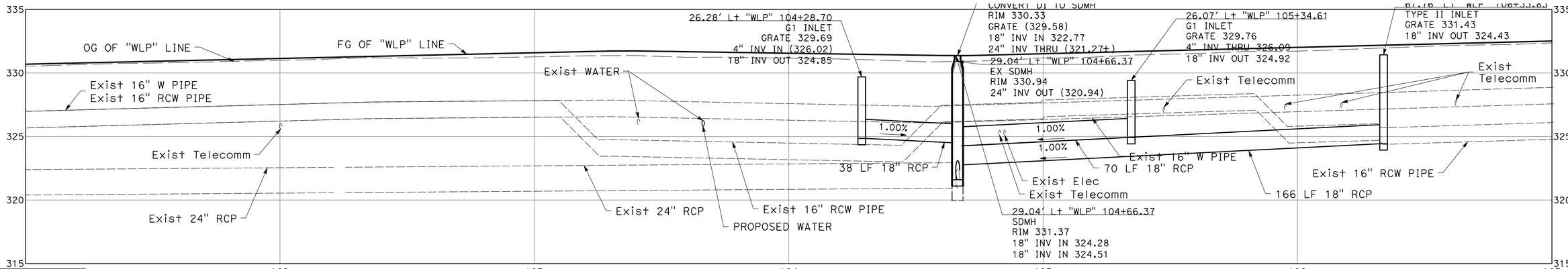
DRAINAGE AND UTILITY PLAN

SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	DU-7	88 OF 230





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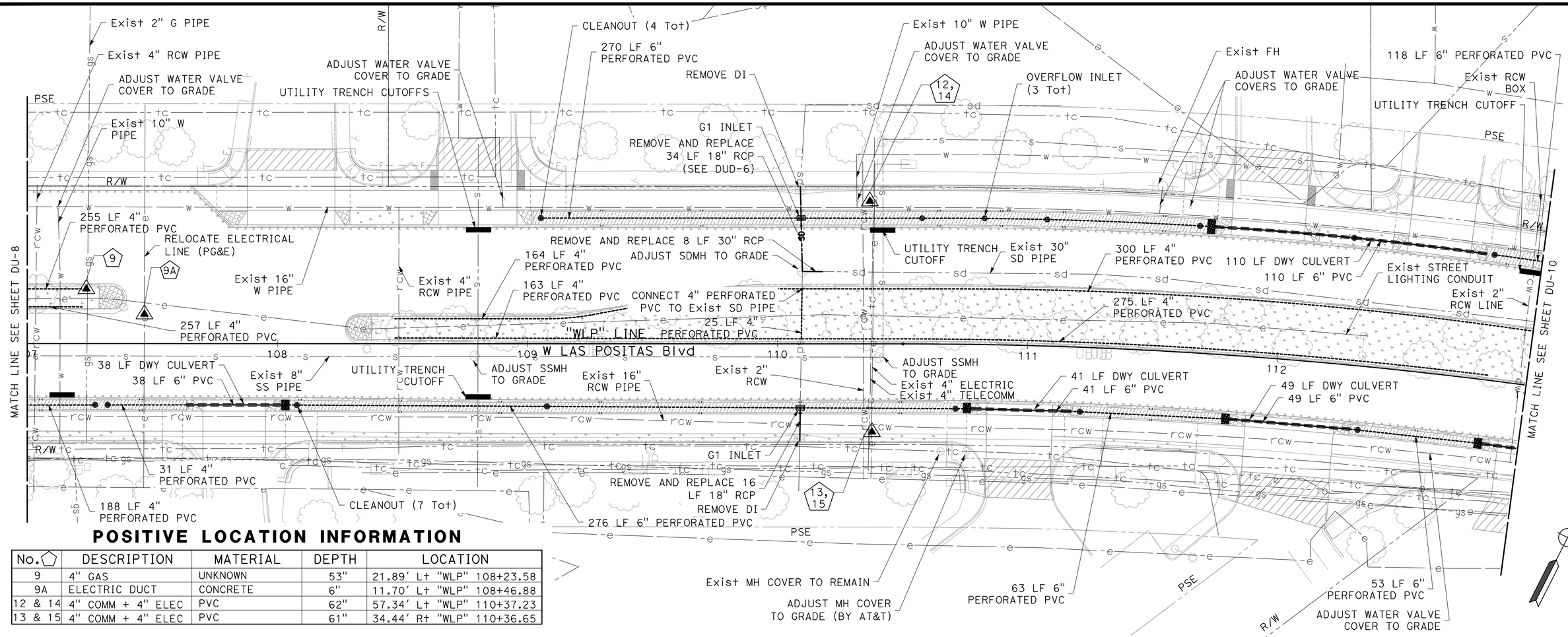
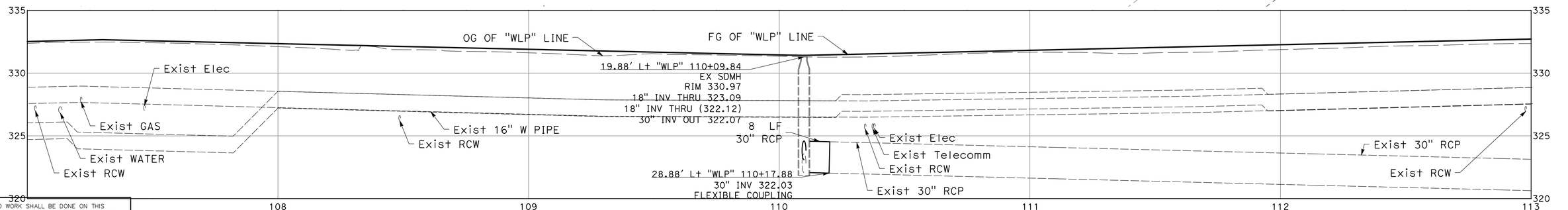
SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	DU-8	89 OF 230



POSITIVE LOCATION INFORMATION

No. ⬠	DESCRIPTION	MATERIAL	DEPTH	LOCATION
9	4" GAS	UNKNOWN	53"	21.89' Lt "WLP" 108+23.58
9A	ELECTRIC DUCT	CONCRETE	6"	11.70' Lt "WLP" 108+46.88
12 & 14	4" COMM + 4" ELEC	PVC	62"	57.34' Lt "WLP" 110+37.23
13 & 15	4" COMM + 4" ELEC	PVC	61"	34.44' Rt "WLP" 110+36.65



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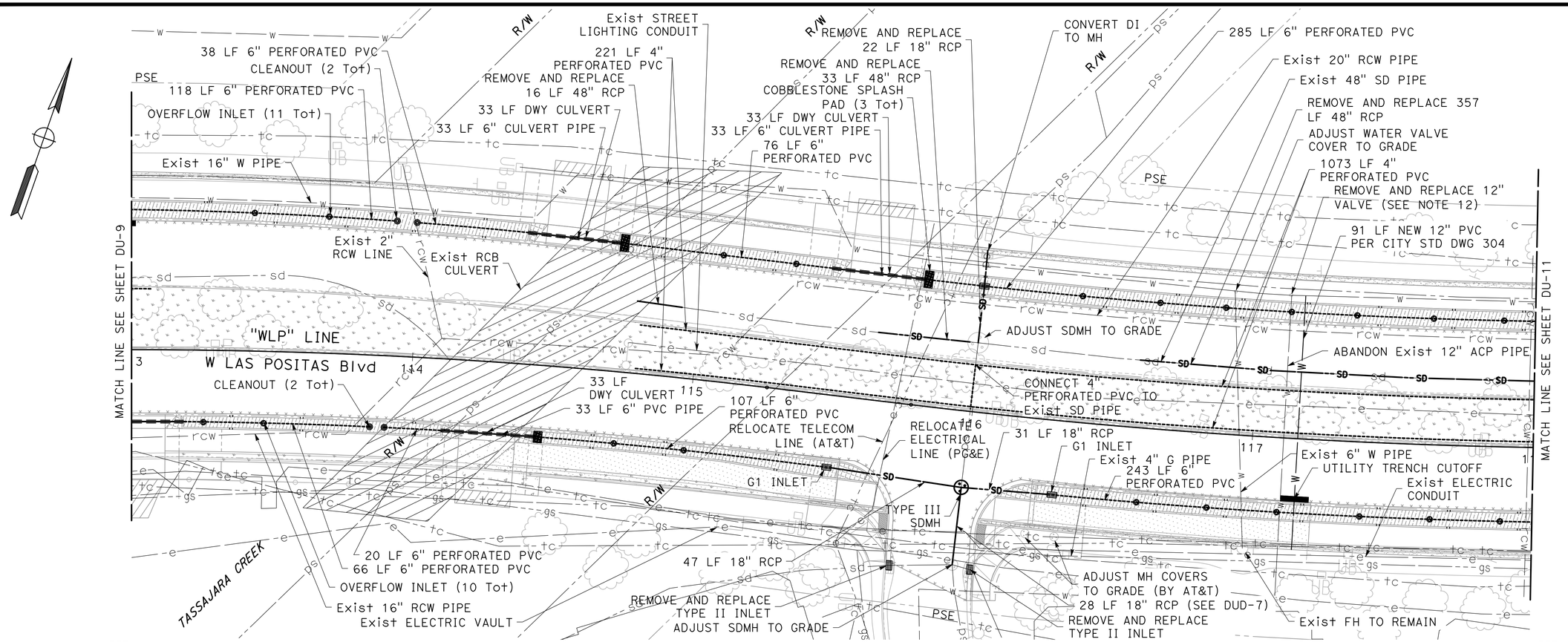
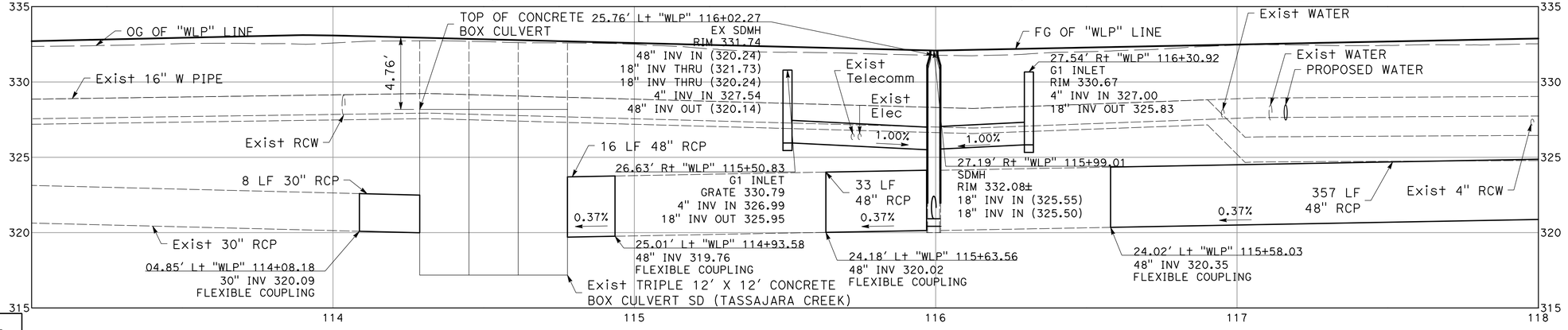
SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	DU-9 90 OF 230





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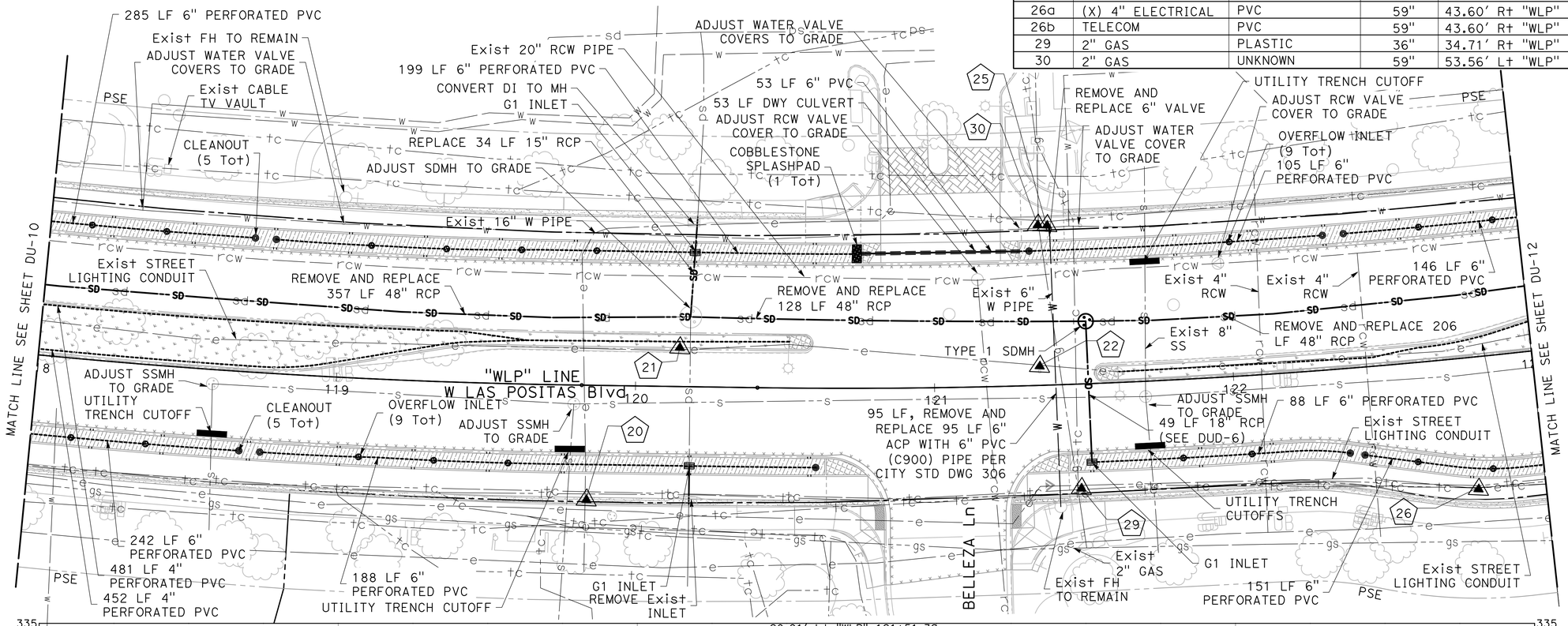
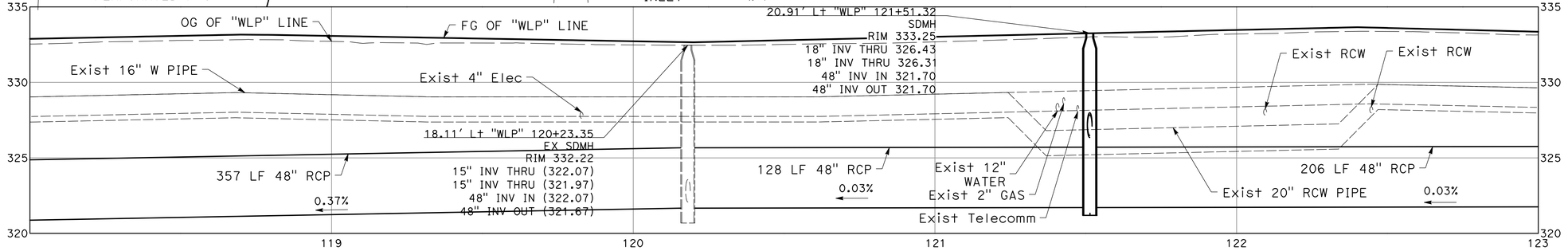
CIP#11514
DRAINAGE AND UTILITY PLAN

SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	DU-10	91 OF 230

POSITIVE LOCATION INFORMATION

No.	DESCRIPTION	MATERIAL	DEPTH	LOCATION
20	4" ELECTRIC	PVC	54"	38.34' Rt "WLP" 119+84.12
21a	2" IRRIGATION	WHITE PLASTIC	20"	13.00' Lt "WLP" 120+14.87
21b	4" ELECTRIC	WHITE PLASTIC	26"	13.00' Lt "WLP" 120+14.87
21c	4" ELECTRIC	PVC	64"	13.00' Lt "WLP" 120+14.87
22	ELECTRICAL DUCT	CONCRETE	6"	6.73' Lt "WLP" 121+35.49
25	TELECOM	PVC	62"	53.47' Lt "WLP" 121+39.16
26a	(X) 4" ELECTRICAL	PVC	59"	43.60' Rt "WLP" 122+78.05
26b	TELECOM	PVC	59"	43.60' Rt "WLP" 122+78.05
29	2" GAS	PLASTIC	36"	34.71' Rt "WLP" 121+47.94
30	2" GAS	UNKNOWN	59"	53.56' Lt "WLP" 121+36.19





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95% PLANS (NOT FOR CONSTRUCTION)

0 10 20
SCALE: 1"=20'

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
RACHEL WOOLDRIDGE
No. 88328
Exp. 03-31-26
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

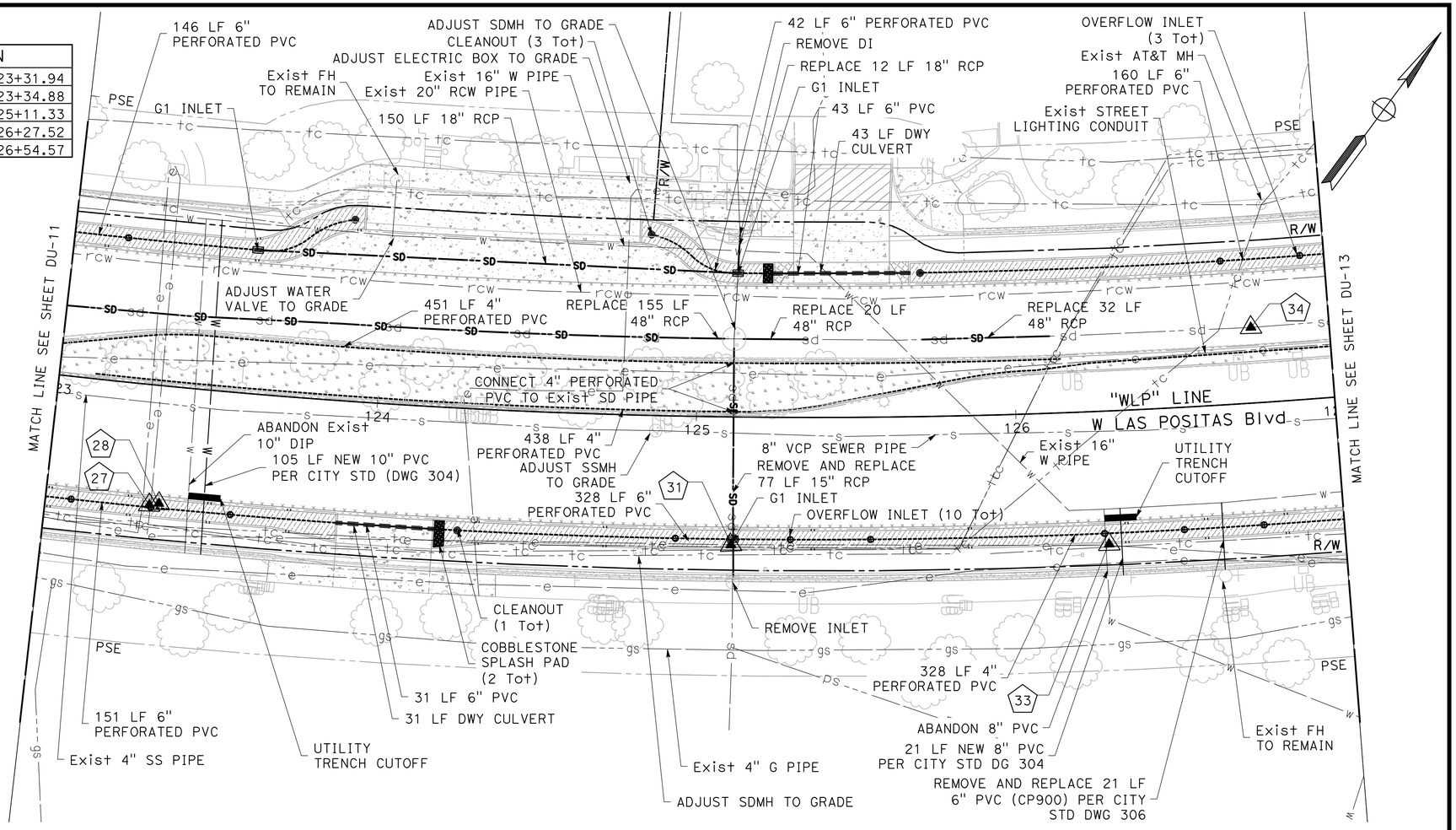
DESIGNED BY:
DRAWN BY:

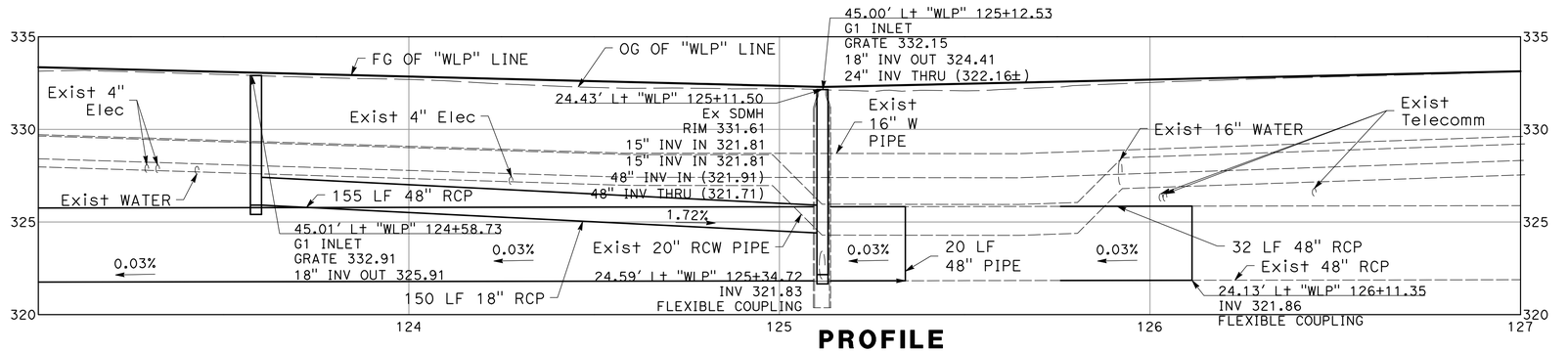
CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
DRAINAGE AND UTILITY PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	DU-11 92 OF 230

POSITIVE LOCATION INFORMATION

No. ⬠	DESCRIPTION	MATERIAL	DEPTH	LOCATION
27	4" ELECTRIC	PVC	61"	37.37' Rt "WLP" 123+31.94
28	4" ELECTRIC	PVC	60"	36.69' Rt "WLP" 123+34.88
31	4" ELECTRIC	PVC	43"	39.85' Rt "WLP" 125+11.33
33	ELECTRIC DUCT	CONCRETE	29"	41.37' Rt "WLP" 126+27.52
34	(X) 4" TELECOM	PVC	62"	23.51' Lt "WLP" 126+54.57





PROFILE
SCALE: 1" = 20' (H)
1" = 4' (V)

0 10 20
SCALE: 1"=20'

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

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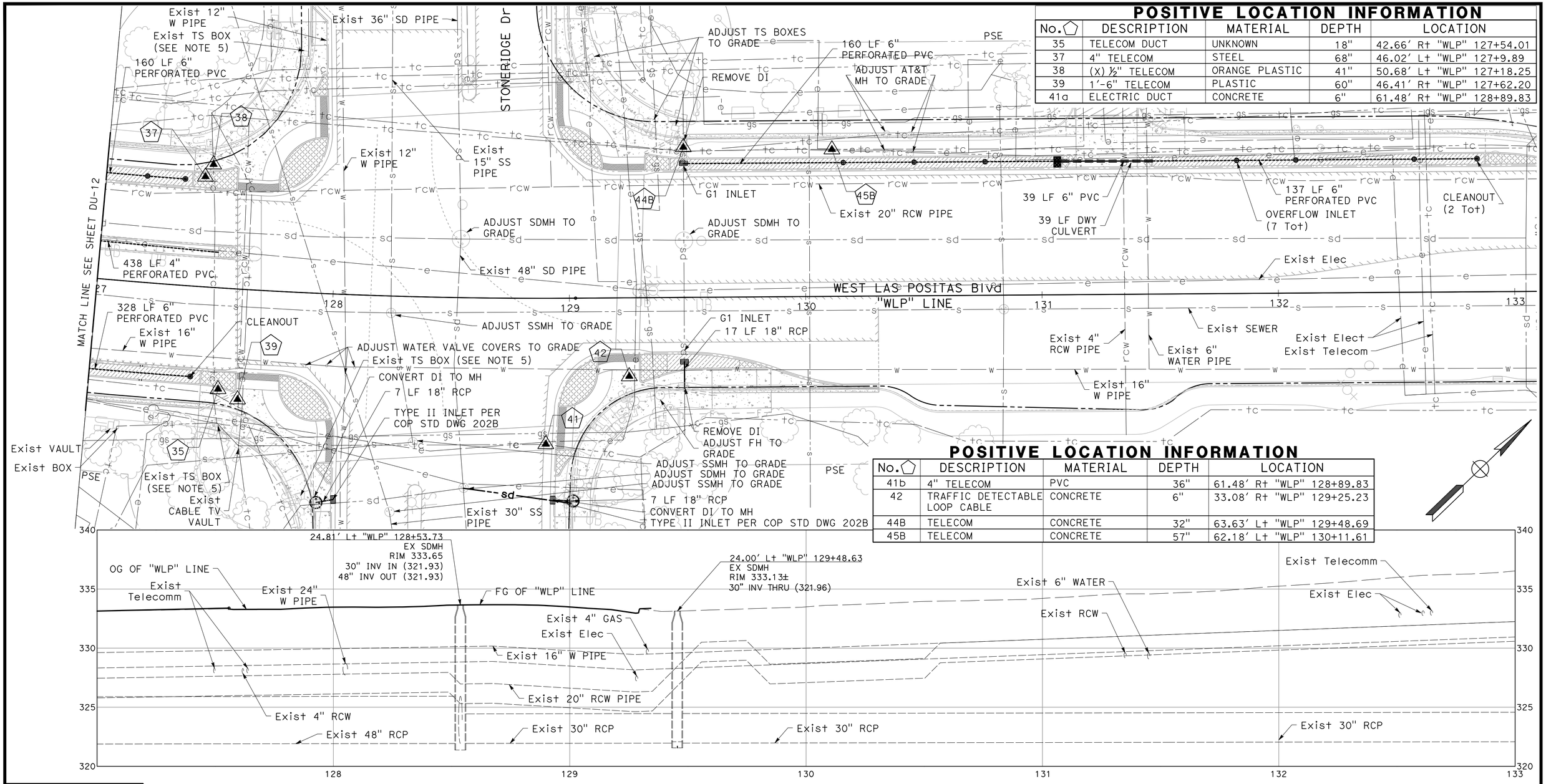
CIP#11514
DRAINAGE AND UTILITY PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	DU-12 93 OF 230



POSITIVE LOCATION INFORMATION

No.	DESCRIPTION	MATERIAL	DEPTH	LOCATION
35	TELECOM DUCT	UNKNOWN	18"	42.66' Rt "WLP" 127+54.01
37	4" TELECOM	STEEL	68"	46.02' Lt "WLP" 127+9.89
38	(X) ½" TELECOM	ORANGE PLASTIC	41"	50.68' Lt "WLP" 127+18.25
39	1'-6" TELECOM	PLASTIC	60"	46.41' Rt "WLP" 127+62.20
41a	ELECTRIC DUCT	CONCRETE	6"	61.48' Rt "WLP" 128+89.83

POSITIVE LOCATION INFORMATION

No.	DESCRIPTION	MATERIAL	DEPTH	LOCATION
41b	4" TELECOM	PVC	36"	61.48' Rt "WLP" 128+89.83
42	TRAFFIC DETECTABLE LOOP CABLE	CONCRETE	6"	33.08' Rt "WLP" 129+25.23
44B	TELECOM	CONCRETE	32"	63.63' Lt "WLP" 129+48.69
45B	TELECOM	CONCRETE	57"	62.18' Lt "WLP" 130+11.61

PROFILE

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1" = 4' (V)

95% PLANS (NOT FOR CONSTRUCTION)

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SCALE: 1"=20'

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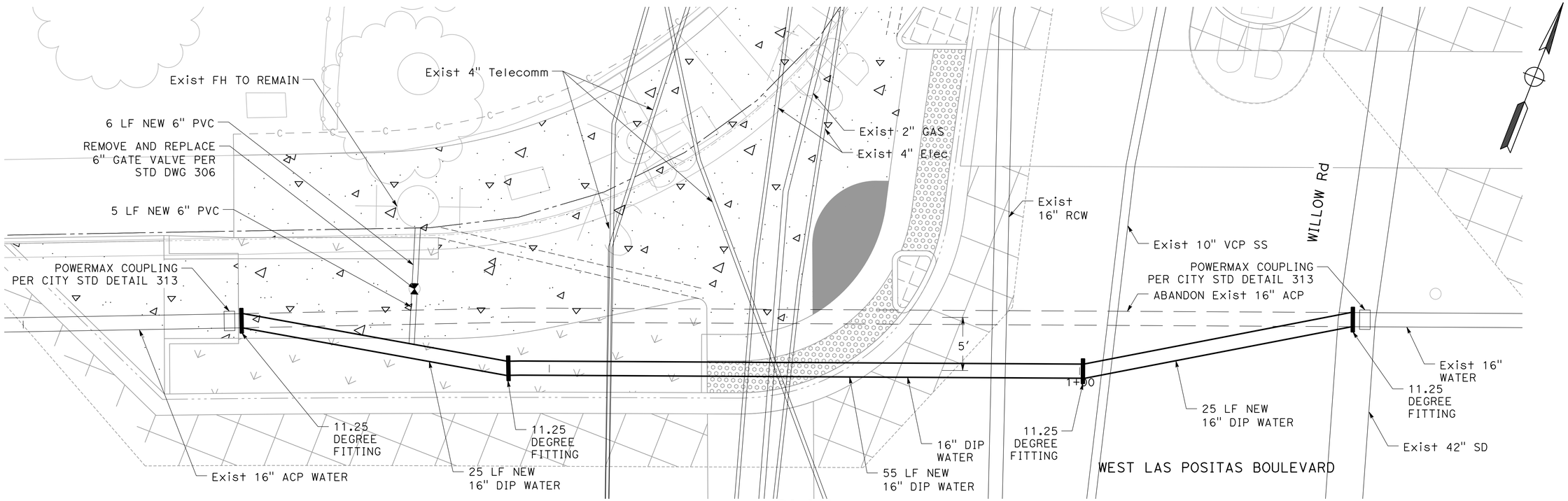
CIP#11514
DRAINAGE AND UTILITY PLAN

SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	DU-13	94 OF 230

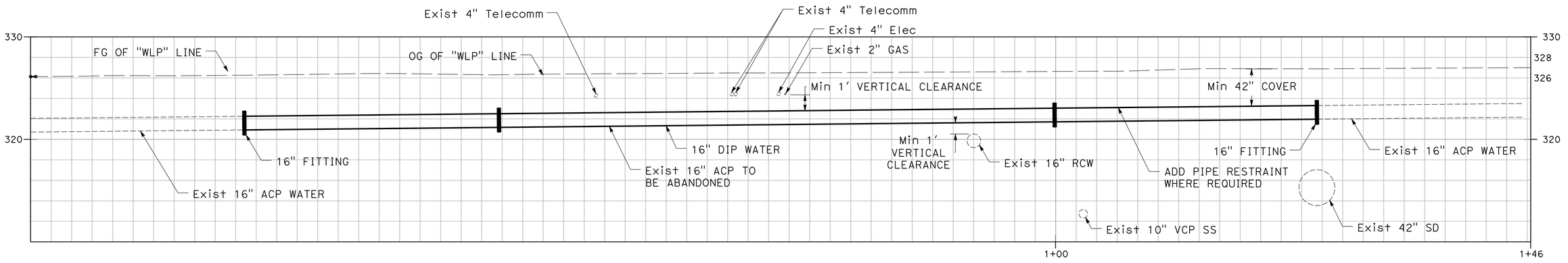
NOTE:

DEPTHS OF EXISTING UTILITIES TO BE VERIFIED.



PLAN

SCALE: 1" = 5'



PROFILE

SCALE: 1" = 5' (H)

1" = 5' (V)

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1-800 642-2444

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0 10 20

SCALE: 1"=20'

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REGISTERED PROFESSIONAL ENGINEER — RACHEL WOOLDRIDGE — No. 88328 — Exp. 03-31-26 — CIVIL — STATE OF CALIFORNIA

THE CITY OF PLEASANTON

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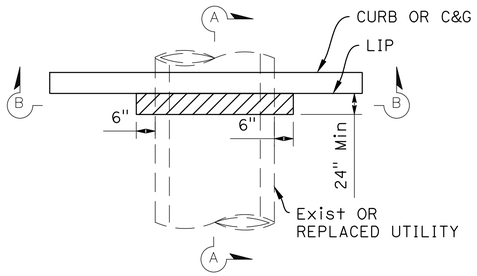
DRAWN BY:

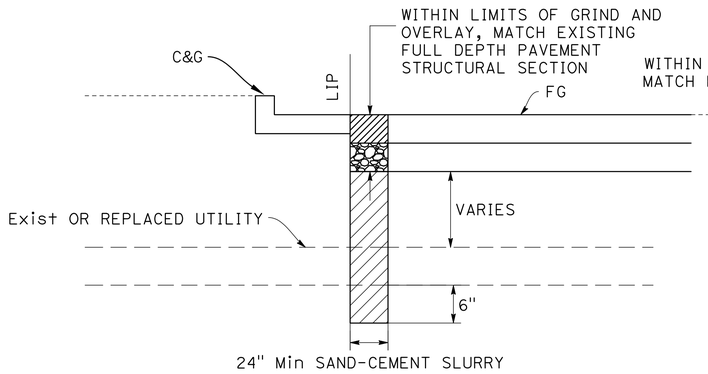
CITY OF PLEASANTON

WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT CIP#11514 WATER LINE REPLACEMENT

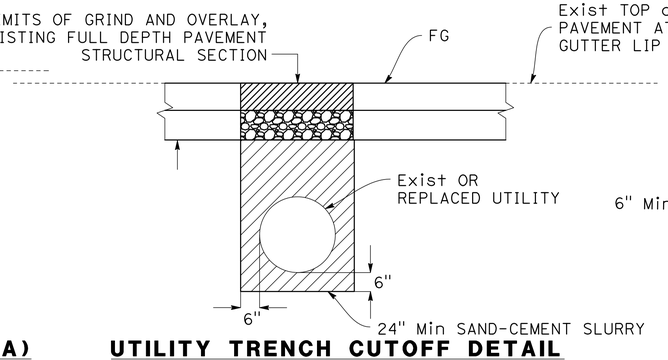
SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	DU-14	X OF 230



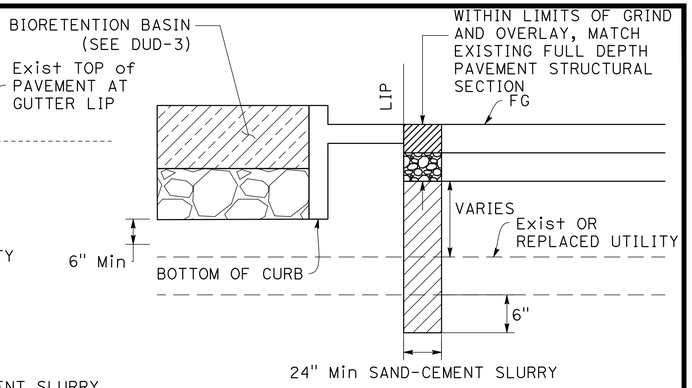
UTILITY TRENCH CUTOFF DETAIL (PLAN VIEW)
SCALE: NTS



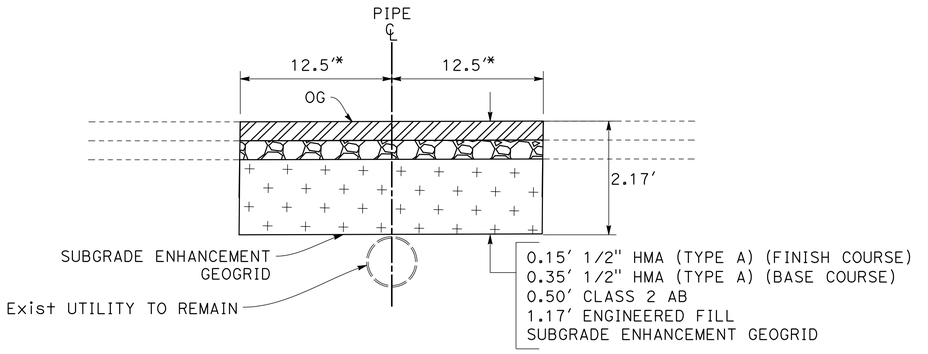
UTILITY TRENCH CUTOFF DETAIL (SECTION A-A)
SCALE: NTS



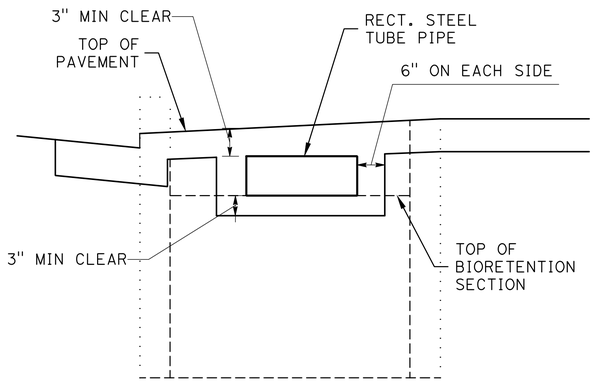
UTILITY TRENCH CUTOFF DETAIL (SECTION B-B)
SCALE: NTS



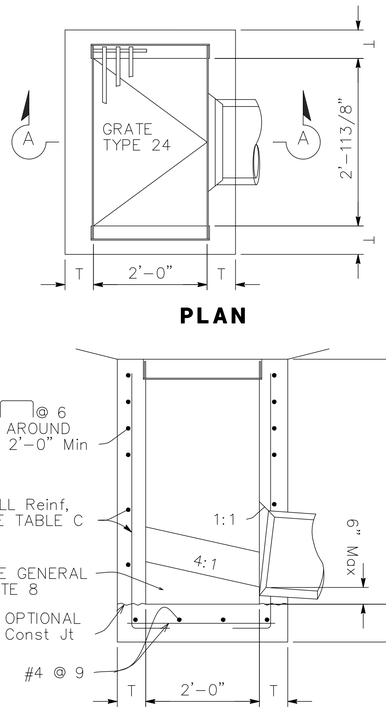
UTILITY TRENCH CUTOFF DETAIL ADJACENT TO BIORETENTION BASIN
SCALE: NTS



UTILITY CROSSING PAVEMENT REPAIR DETAIL
SCALE: NTS
* 25' FROM UTILITY CENTERLINE OR
5' PAST EDGE OF FAILURE, WHICHEVER IS GREATER



TYPICAL DRIVEWAY CROSSING DETAIL
SCALE: NTS



PLAN

SECTION A-A

TYPE G1 INLET
SCALE: NTS
NOTE: FOR ADDITIONAL DETAIL NOT SHOWN, SEE CALTRANS STD PLANS D73B

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642-2444
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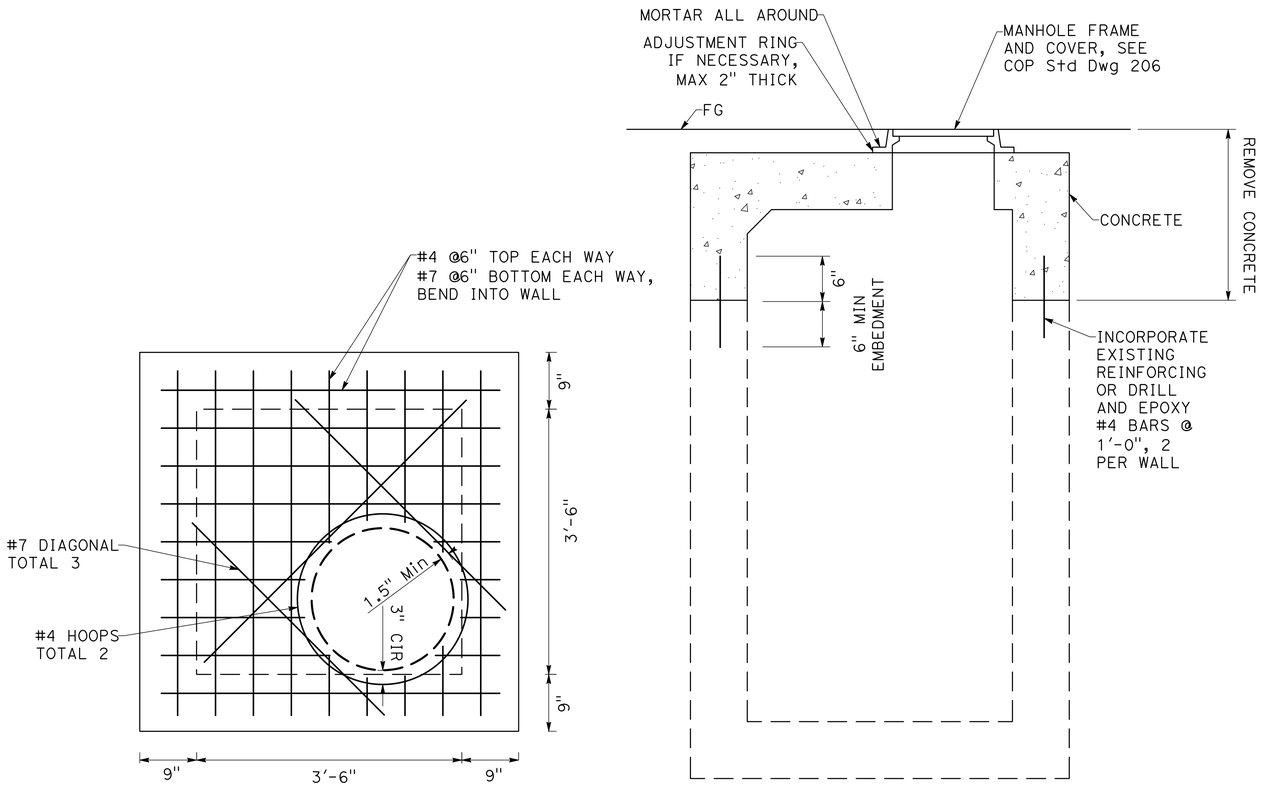
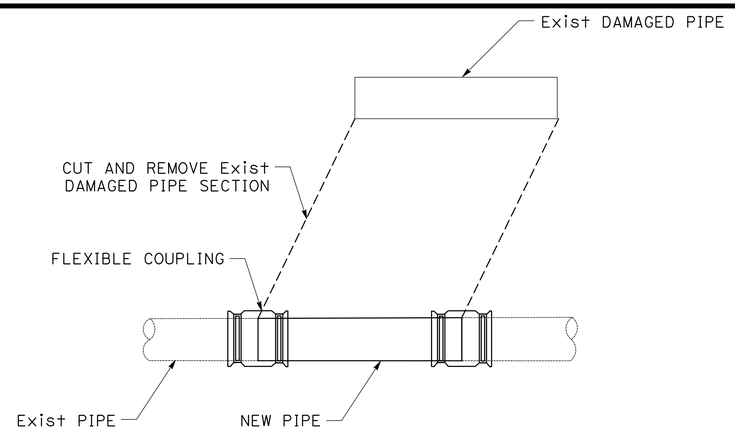
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
DRAINAGE & UTILITY DETAILS

SCALE:	DATE:	PIN:	DUD-1	SHEET:
	5/30/2025	22-20106		96 OF 230



CONVERT DI TO MH

SCALE: NTS

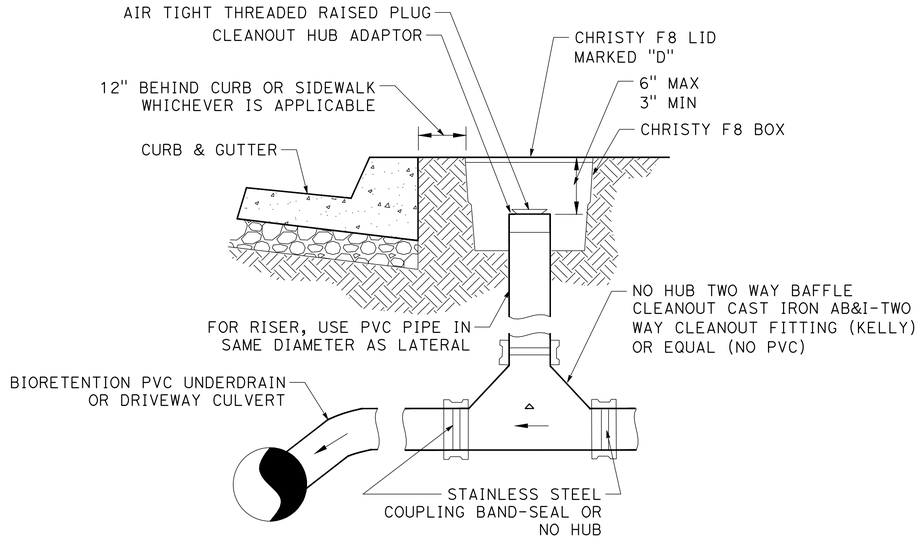


FLEXIBLE COUPLING DETAIL

SCALE: NTS

NOTES:

1. PIPE REMOVAL AND REPLACEMENT SHALL BE TO THE NEAREST JOINT, BELL AND SPIGOT OR MECHANICAL FASTENER
2. BACKFILL SHALL NOT BE PLACED UNTIL PIPE INSTALLATION HAS BEEN INSPECTED AND APPROVED BY THE CITY



CONTRACTOR SHALL USE 4" MIN. PLEASANTON FINE FILL FOR CLEAN-OUT BEDDING

CLEAN-OUT

SCALE: NTS

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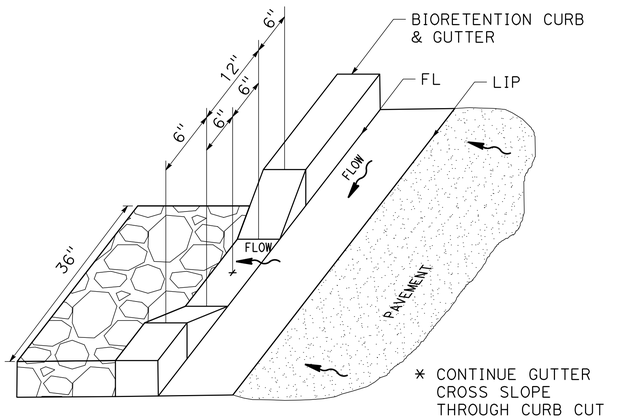
CIP#11514
DRAINAGE & UTILITY DETAILS

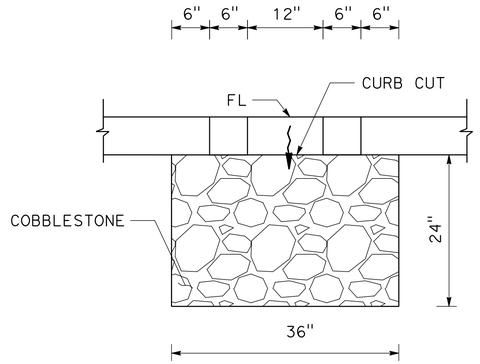
SCALE:
DATE: 5/30/2025
PIN: 22-20106
DUD-2
SHEET: 97 OF 230



* CONTINUE GUTTER CROSS SLOPE THROUGH CURB CUT TO DRAIN INTO BIORETENTION AREA.

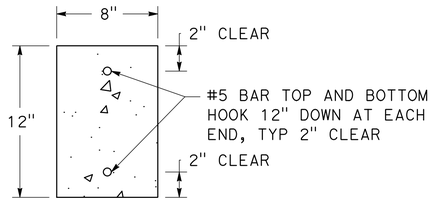
CURB OPENING

SCALE: NTS



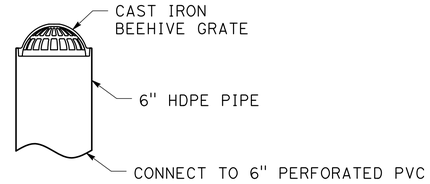
CURB OPENING WITH COBBLESTONES (TYPICAL)

SCALE: NTS



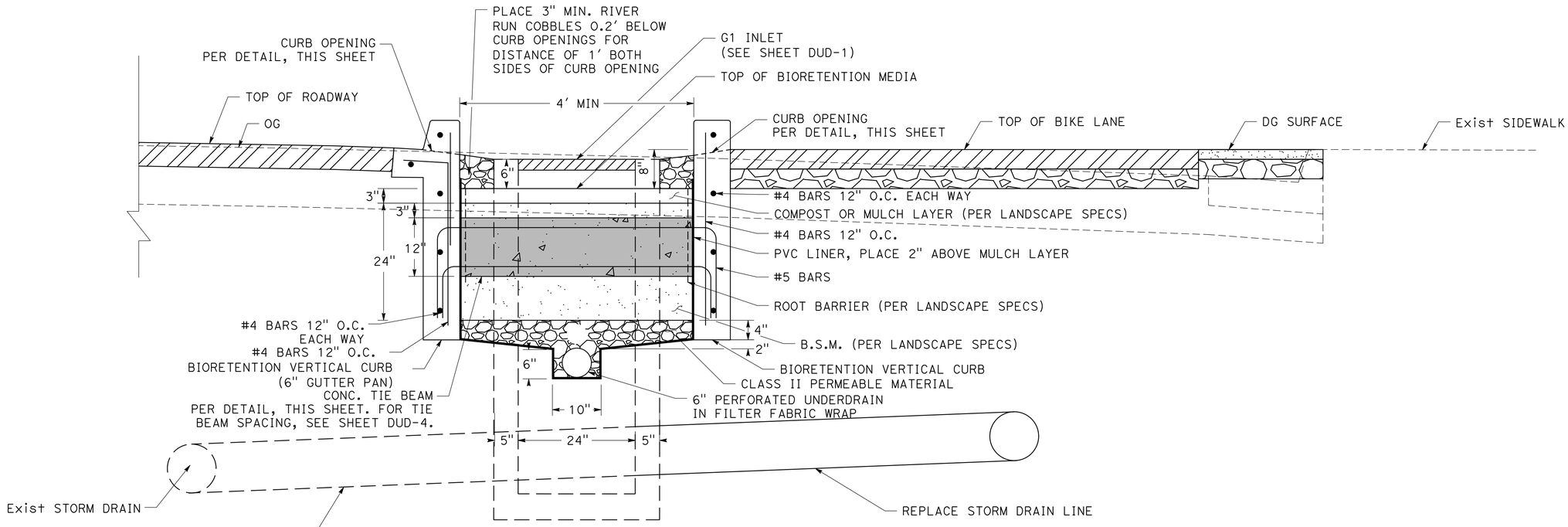
CONCRETE TIE BEAM DETAIL

SCALE: NTS



OVERFLOW INLET

SCALE: NTS



BIORETENTION BASIN DETAIL

SCALE: NTS

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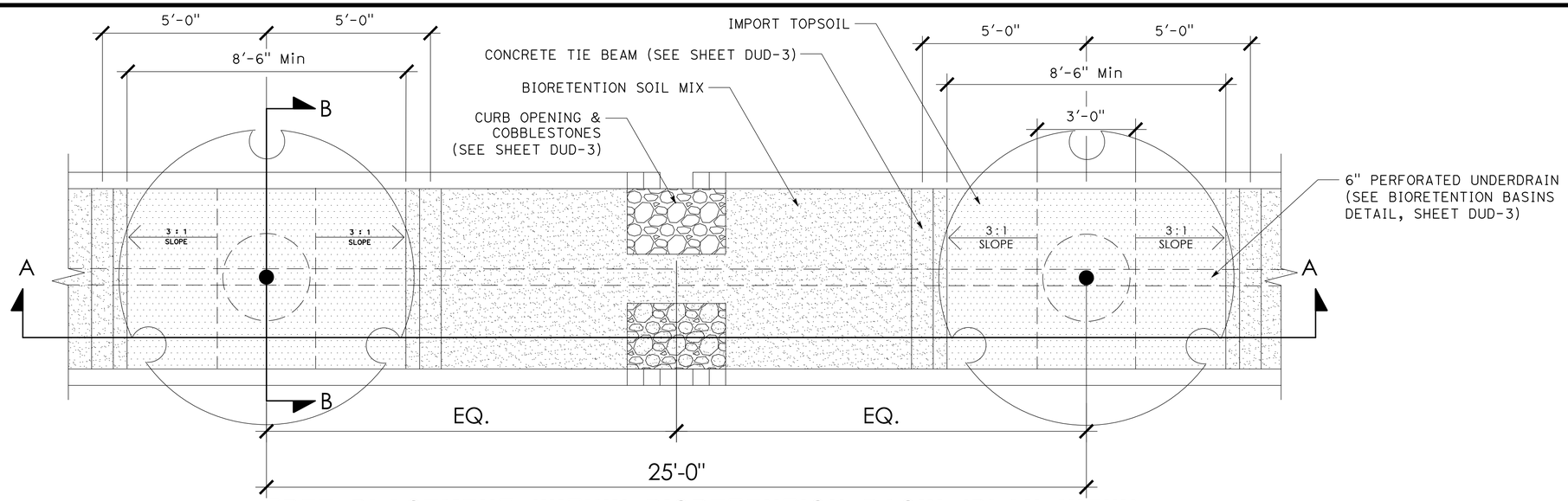
CIP#11514
DRAINAGE & UTILITY DETAILS

SCALE:	DATE:	PIN:	SHEET:
NO SCALE	5/30/2025	22-20106	DUD-3 98 OF 230

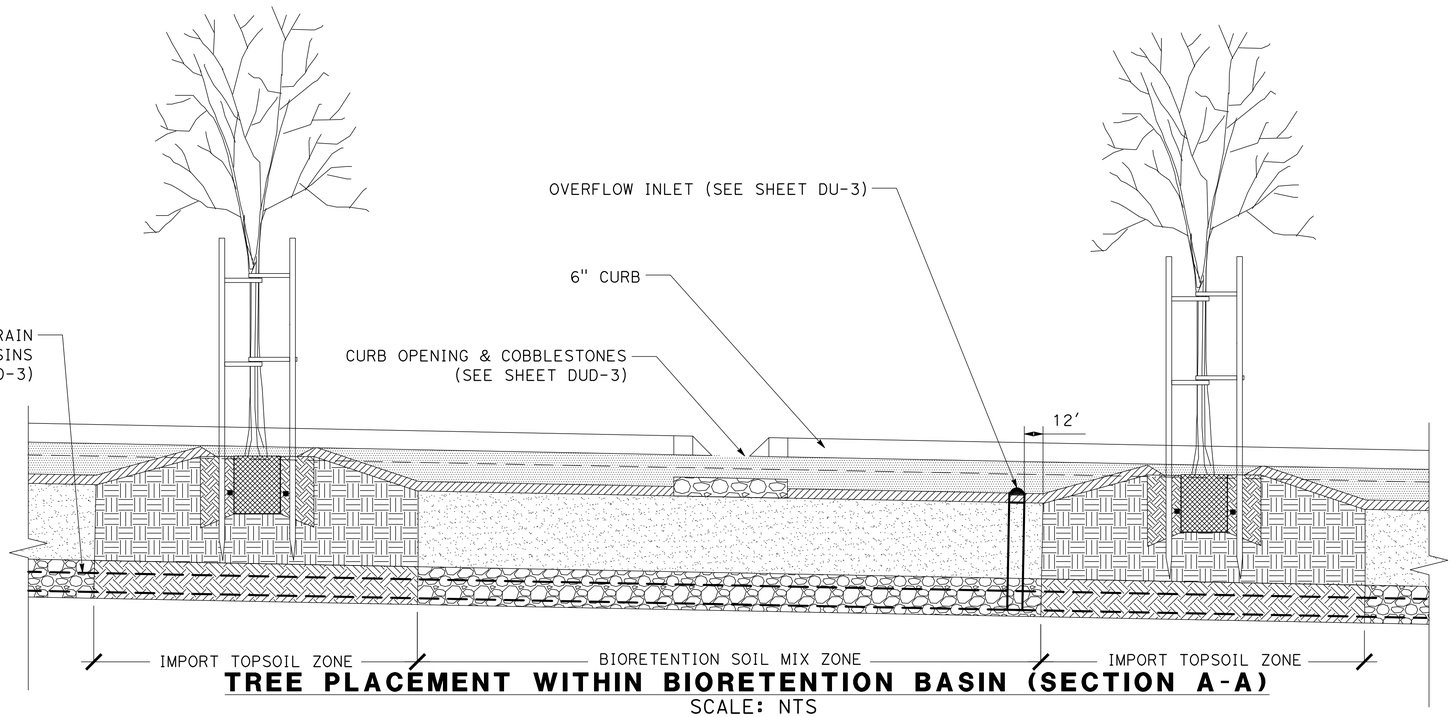
NOTE:

FOR ADDITIONAL DETAIL ON SOIL AND PLANTING, SEE LANDSCAPE PLANS



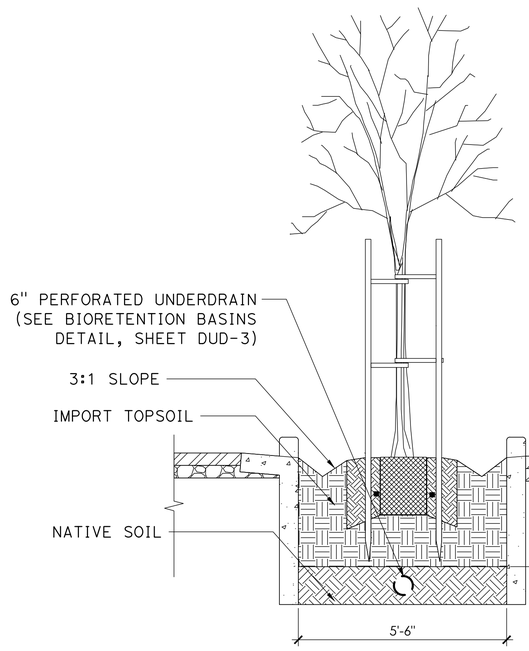
TREE PLACEMENT WITHIN BIORETENTION BASIN (PLAN VIEW)

SCALE: NTS



TREE PLACEMENT WITHIN BIORETENTION BASIN (SECTION A-A)

SCALE: NTS



TREE PLACEMENT WITHIN BIORETENTION BASIN (SECTION B-B)

SCALE: NTS

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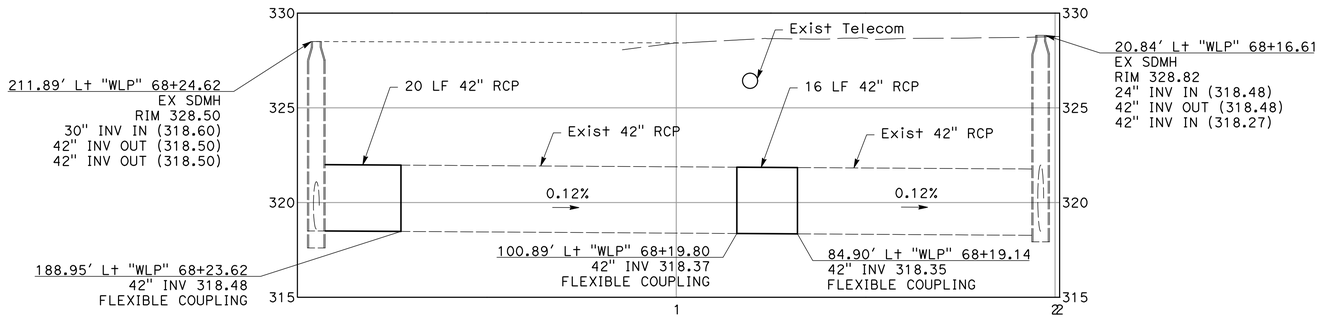
NO SCALE	5/30/2025	22-20106	DUD-4 10 OF 230



SD AT Sta 68+17
PROFILE

SCALE: 1" = 20' (H)
1" = 4' (V)

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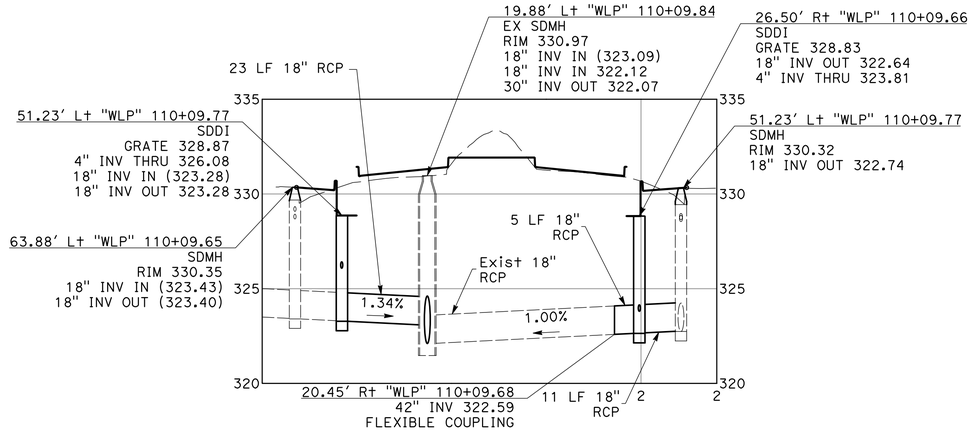
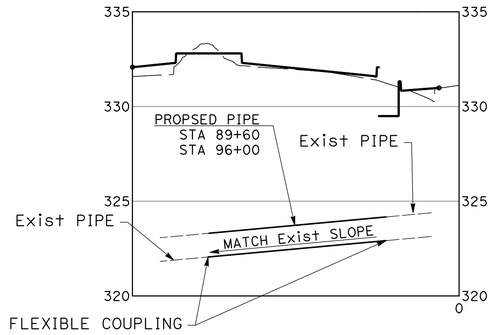
SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	DUD-5 101 OF 230



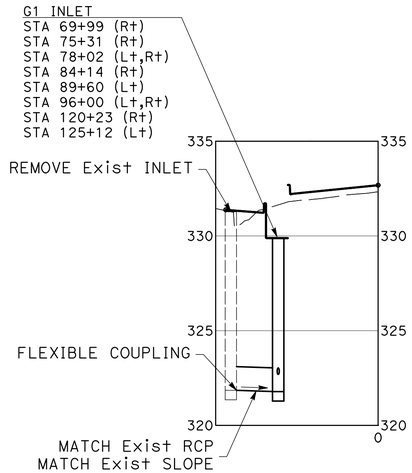
SD AT Sta 110+10

SCALE: 1" = 20' (H)
1" = 4' (V)



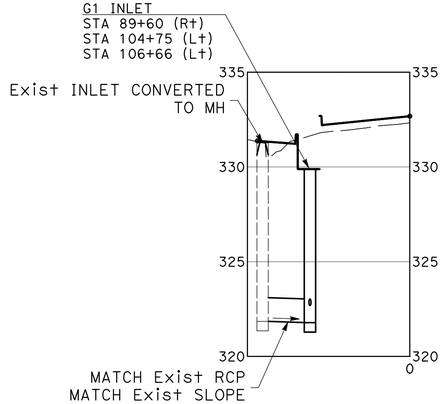
REPLACE LATERAL SD PIPE DETAIL

SCALE: 1" = 20' (H)
1" = 4' (V)



Exist INLET TO PROPOSED INLET DETAIL

SCALE: 1" = 20' (H)
1" = 4' (V)



CONVERTED MH TO PROPOSED INLET DETAIL

SCALE: 1" = 20' (H)
1" = 4' (V)

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642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

0 10 20
SCALE: 1"=20'

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
RACHEL WOOLDRIDGE
No. 88328
Exp. 03-31-26
CIVIL
STATE OF CALIFORNIA

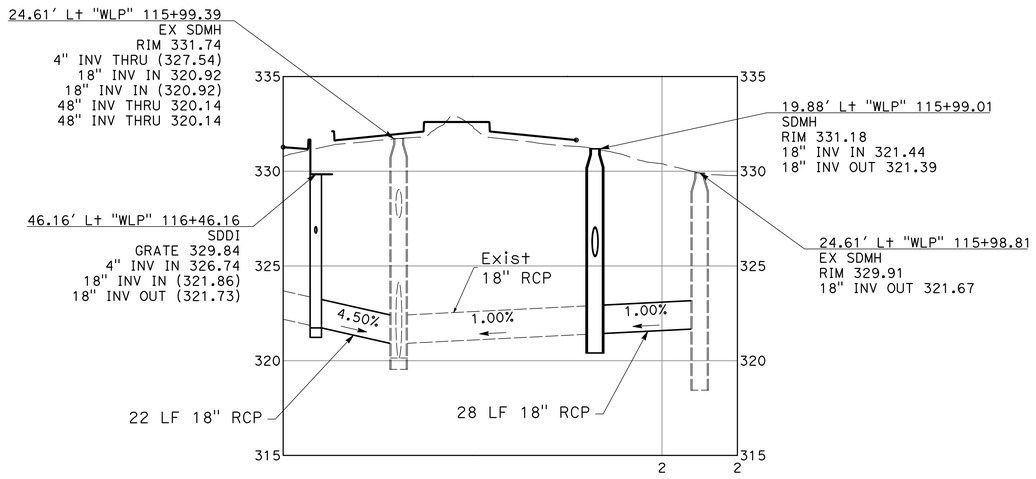
THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY:
DRAWN BY:

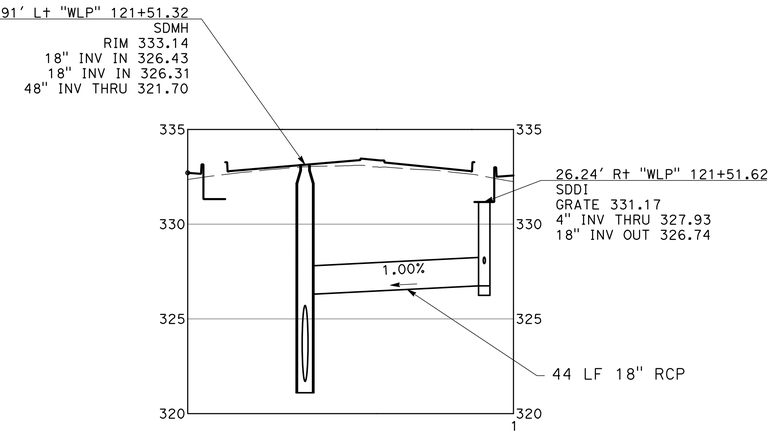
CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
DRAINAGE & UTILITY DETAILS

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	DUD-6 102 OF 230



SD AT Sta 116+00

SCALE: 1" = 20' (H)
1" = 4' (V)



SD AT Sta 121+51

SCALE: 1" = 20' (H)
1" = 4' (V)

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
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1-800
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0 10 20
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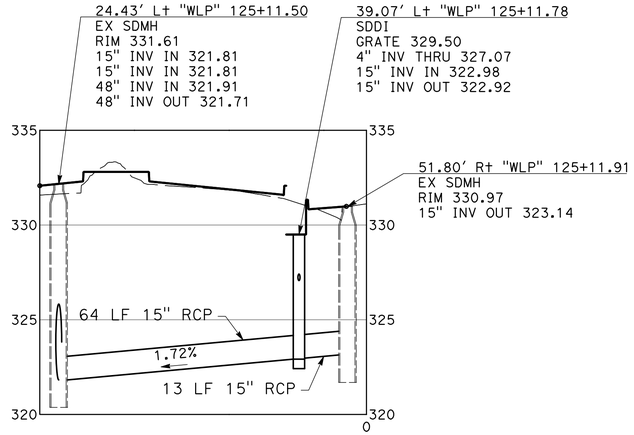
SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	DUD-7 103 OF 230



SD AT Sta 125+12

SCALE: 1" = 20' (H)
1" = 4' (V)

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SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	DUD-8 104 OF 230

NOTES:

1. FOR ACCURATE CITY RIGHT OF WAY DATA, CONTACT CITY OF PLEASANTON.
2. CONTRACTORS SHALL SCHEDULE CONSTRUCTION OPERATIONS SO THAT UTILITIES ARE KEPT IN SERVICE AT ALL TIMES.
3. LOCATIONS OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
4. ALL EXISTING UTILITIES SHALL REMAIN EXCEPT WHERE SHOWN TO BE REMOVED OR ABANDONED.
5. EXISTING WATER AND RECLAIMED WATER LINE IS BASED ON AVAILABLE AS-BUILT INFORMATION AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
6. SPLICE NEW SEWER PIPES TO EXISTING PIPES WITH A FLEXIBLE COUPLING. FOR ADDITIONAL DETAILS, SEE SHEET DUD-2.
7. FOR ADDITIONAL DRAINAGE AND UTILITY REPLACEMENTS AND DETAILS NOT SHOWN, SEE DRAINAGE AND UTILITY PLANS, DU SHEETS.
8. SEE E SHEETS FOR TRAFFIC SIGNAL AND LIGHTING SYSTEM RELOCATIONS.

LEGEND:

- Exist GAS (PG&E)
- Exist TELECOMMUNICATION (AT&T, COMCAST, LUMEN, VERIZON, ZAYO)
- Exist STORM DRAIN (COP STD)
- Exist SANITARY SEWER (COP STD)
- Exist WATER (ZONE 7)
- Exist RECLAIMED WATER (CITY OF PLEASANTON)
- Exist ELECTRIC (PG&E)
- Exist OVERHEAD ELECTRIC (PG&E)
- Exist TRIPLE BOX CULVERT
- PROPOSED WATER PIPE
- PROPOSED SANITARY SEWER PIPE
- PROPOSED STORM DRAIN PIPE
- PROPOSED PVC (SIZE PER PLAN)
- PROPOSED 6" PERFORATED PVC
- PROPOSED DRIVEWAY CULVERT
- PROPOSED SDMH
- PROPOSED DI
- Exist PROGRAM WELL (ZONE 7)
- Exist MONITOR WELL (ZONE 7)
- Exist DESTROYED WELL (ZONE 7)
- UTILITY POTHOLE
- COBBLESTONE SPLASH PAD
- UTILITY TRENCH CUTOFF (SEE DUD-1 FOR DETAILS)
- POTHOLE NUMBER
- OVERFLOW INLET

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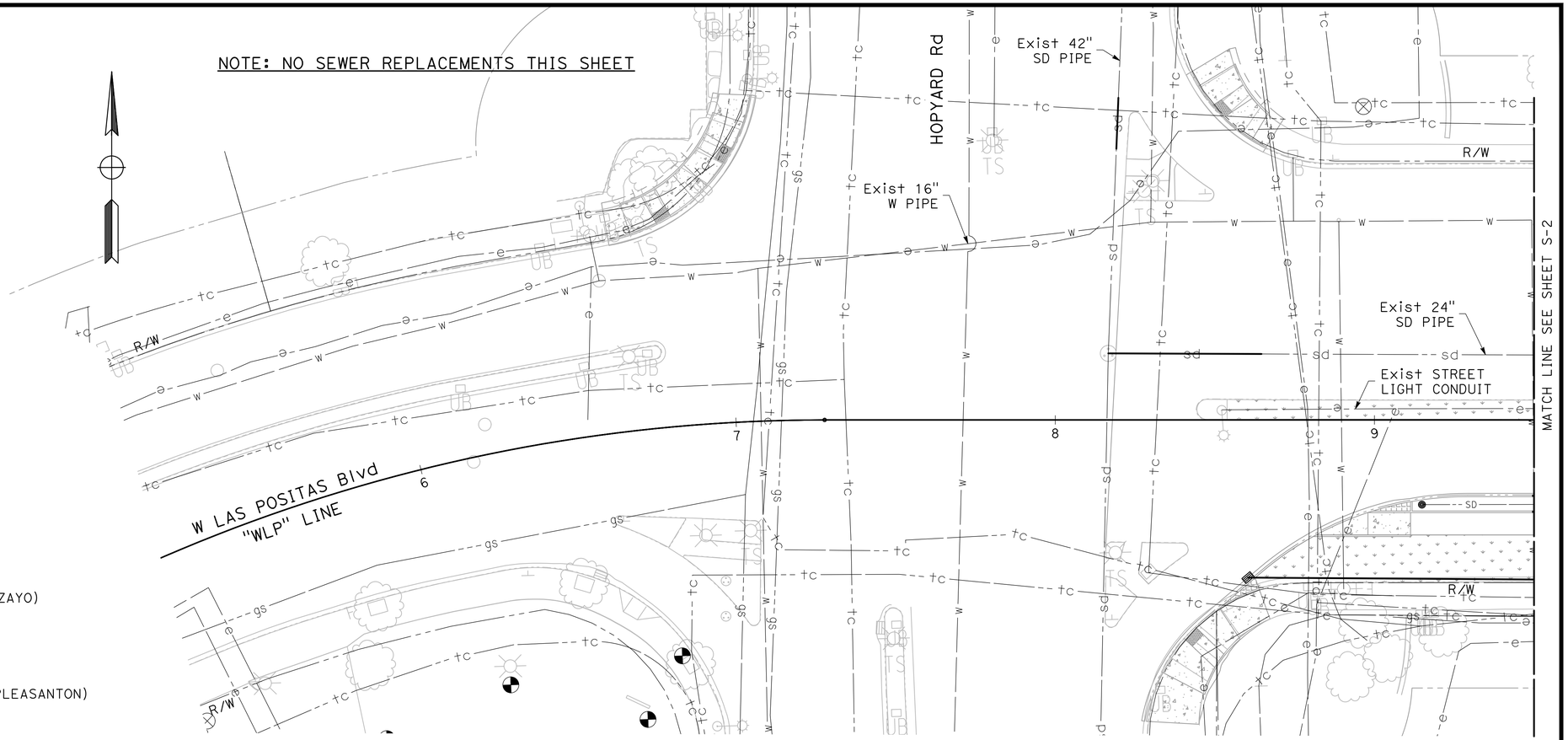

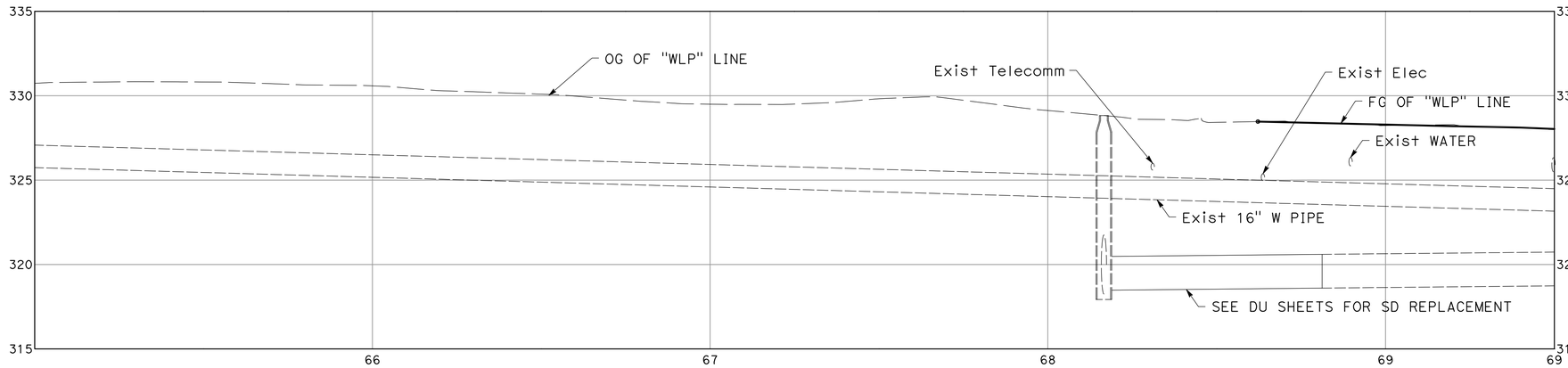

PROFILE

SCALE: 1" = 20' (H)
1" = 4' (V)

SCALE: 1"=20'

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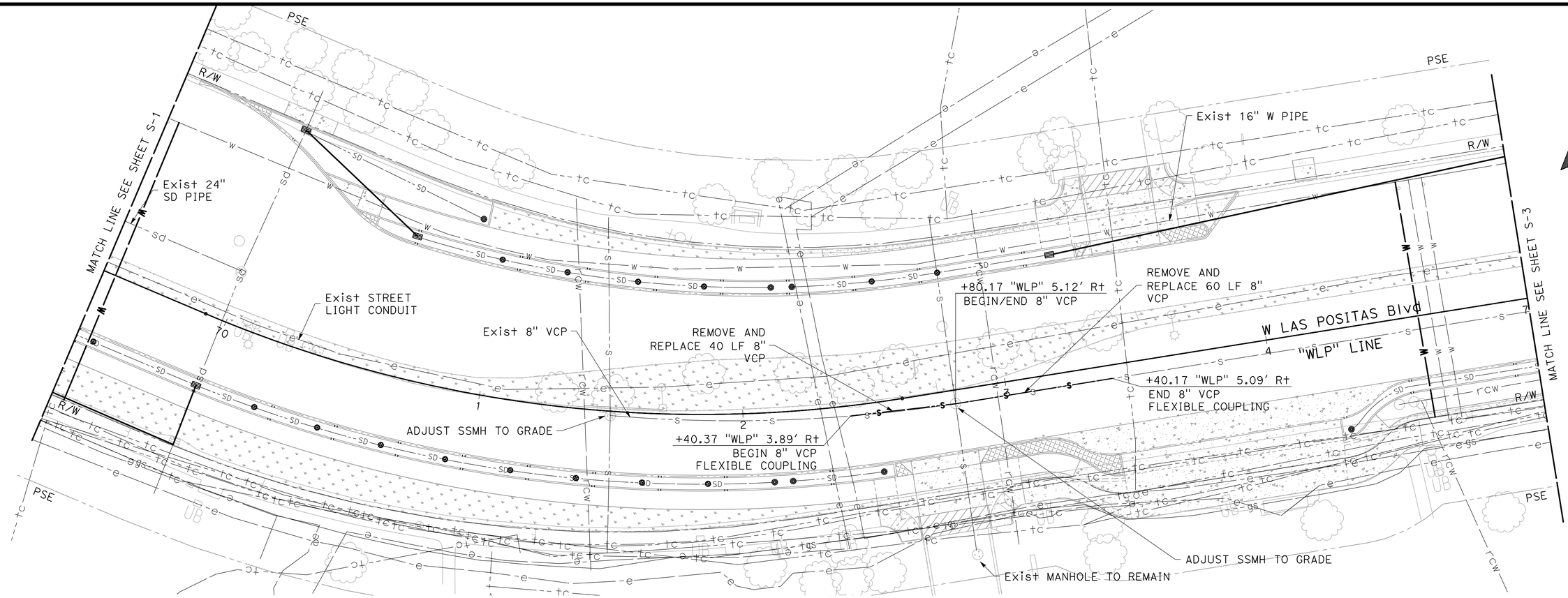
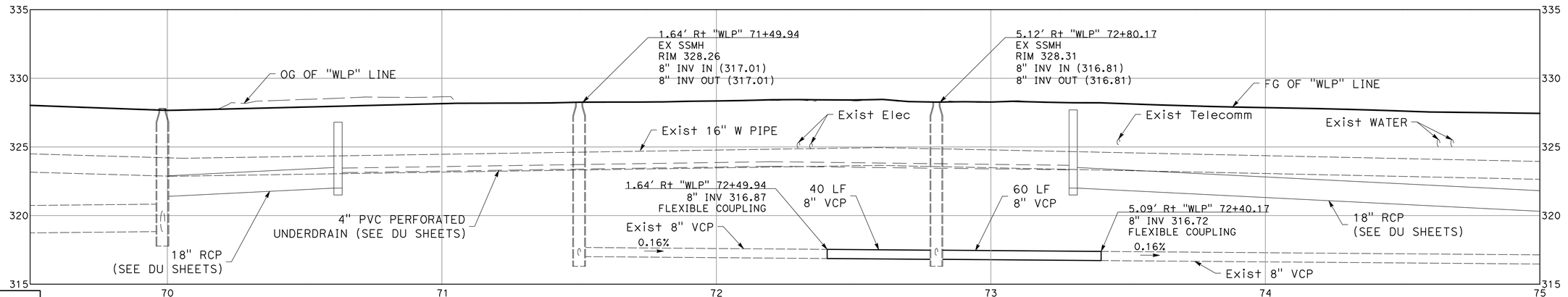
SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	S-1 105 OF 230





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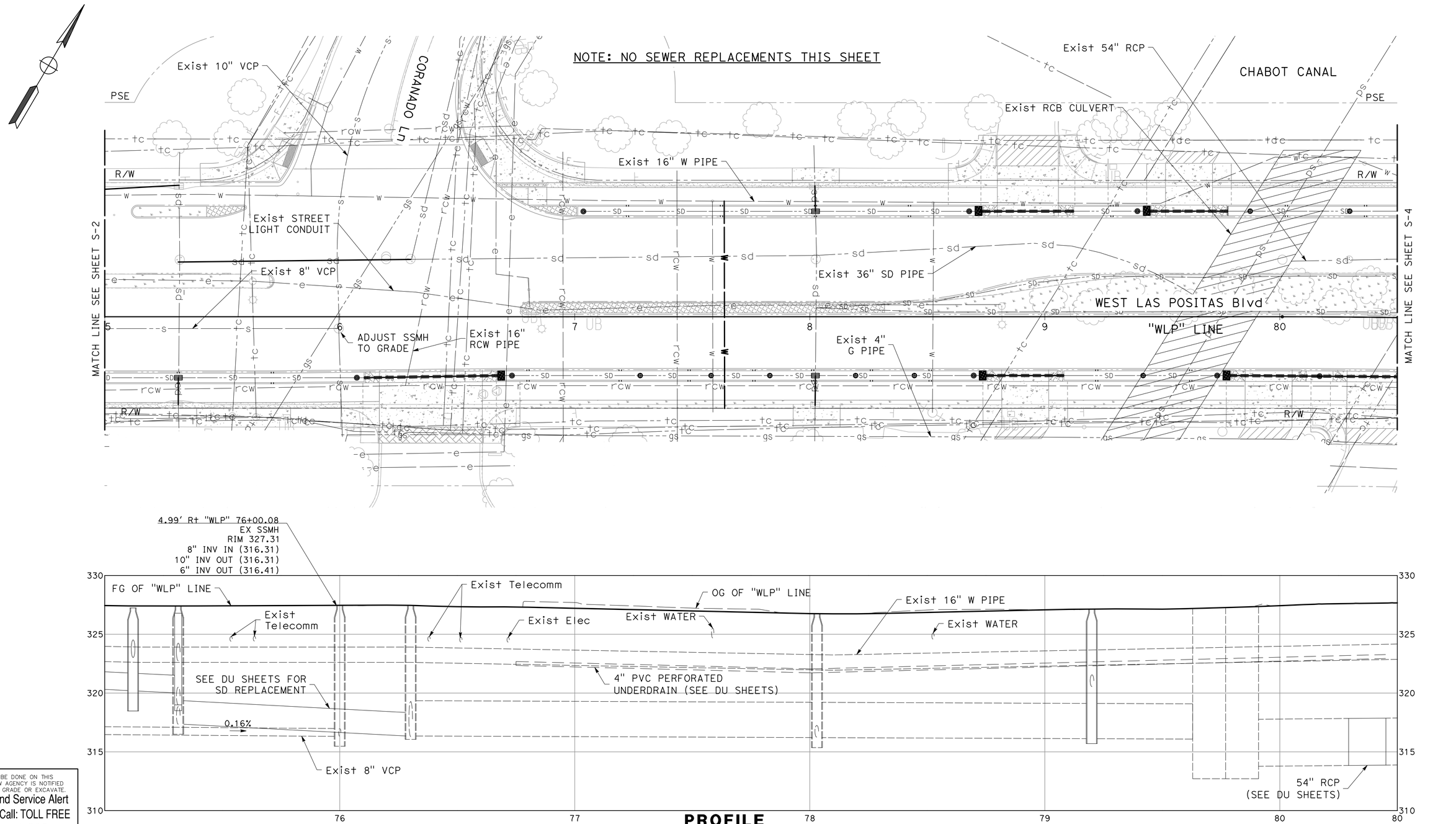

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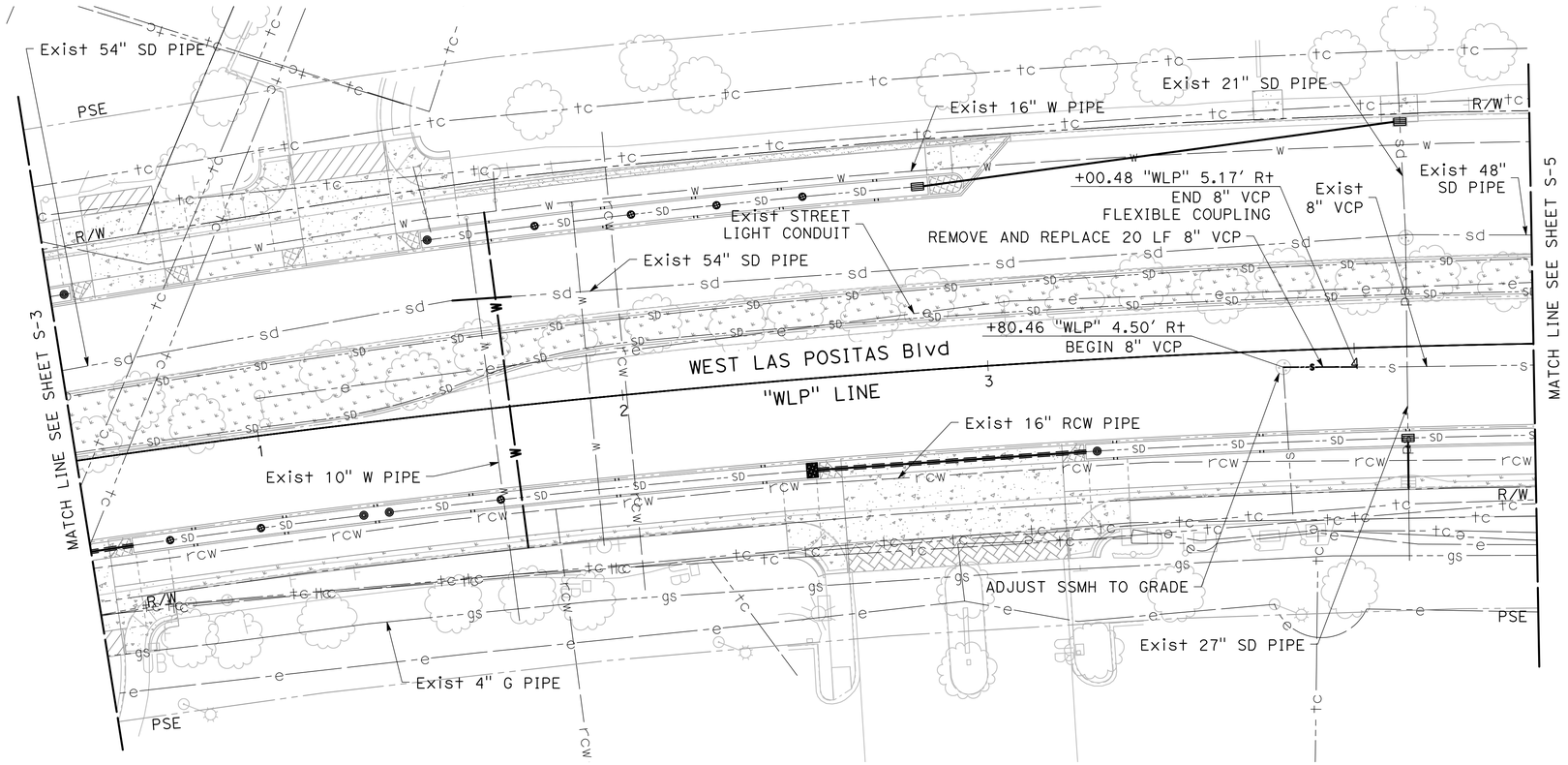

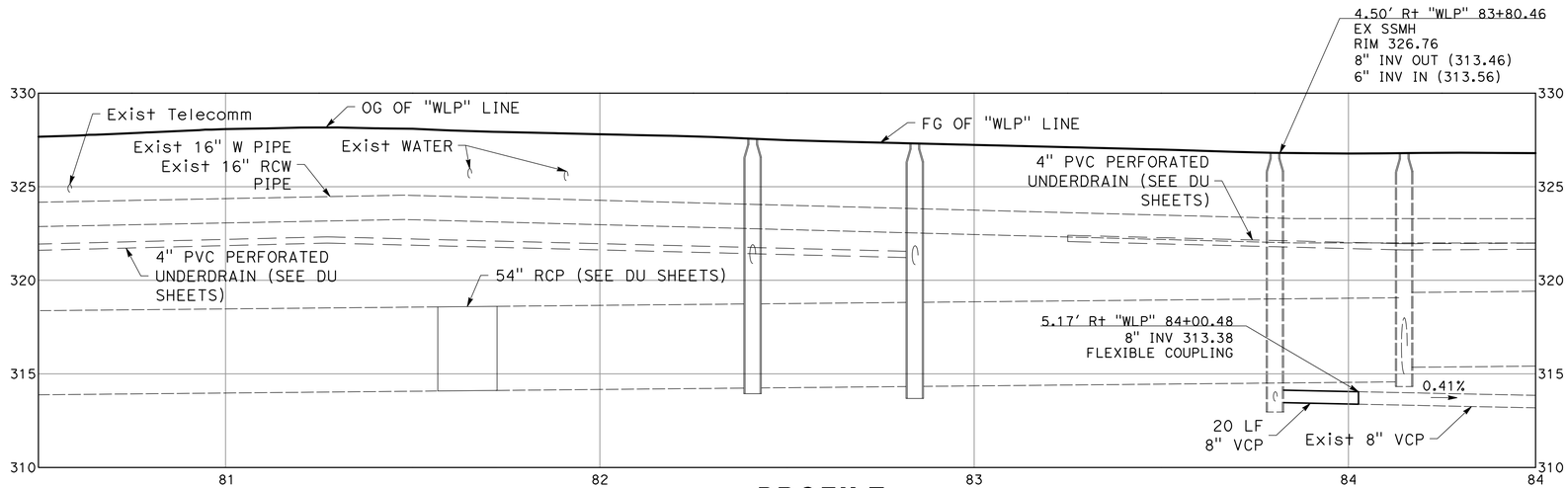

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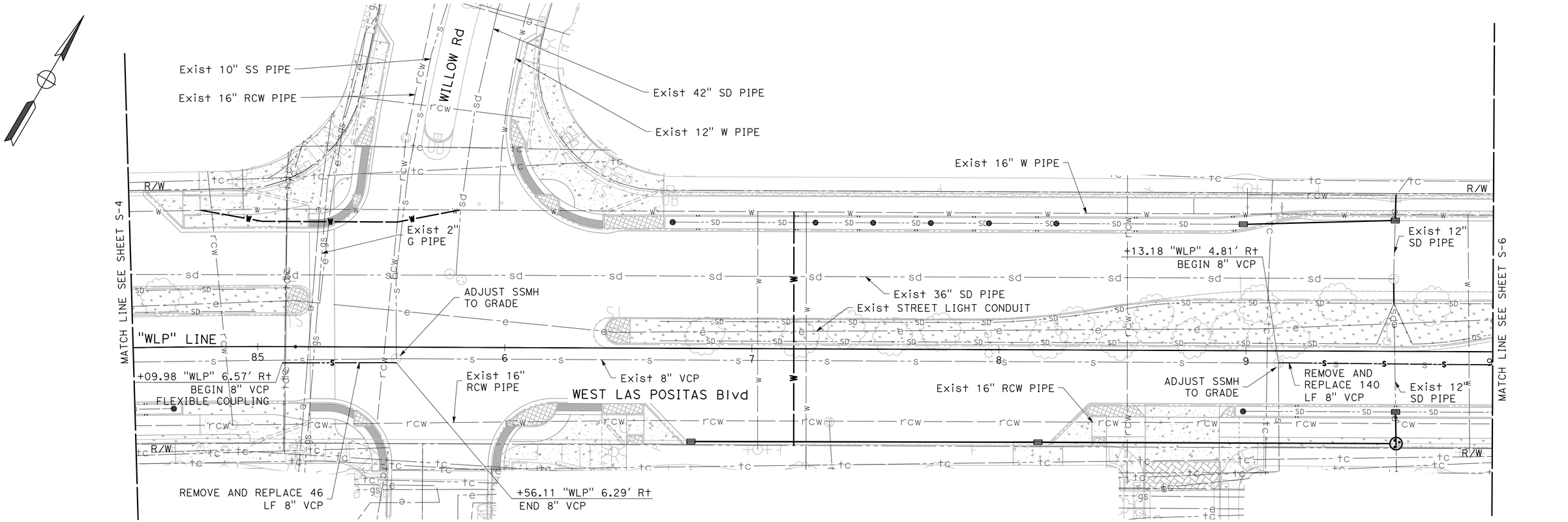
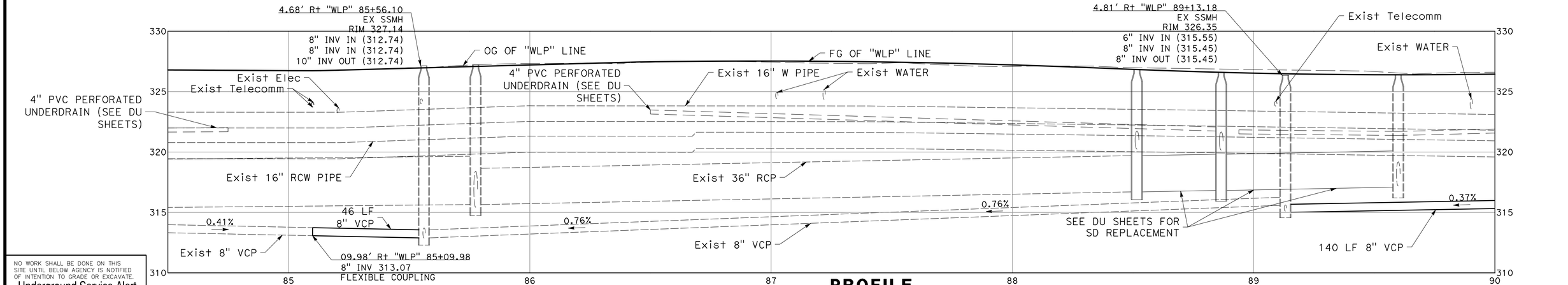
1"=20'	5/30/2025	22-20106	S-4 108 OF 230





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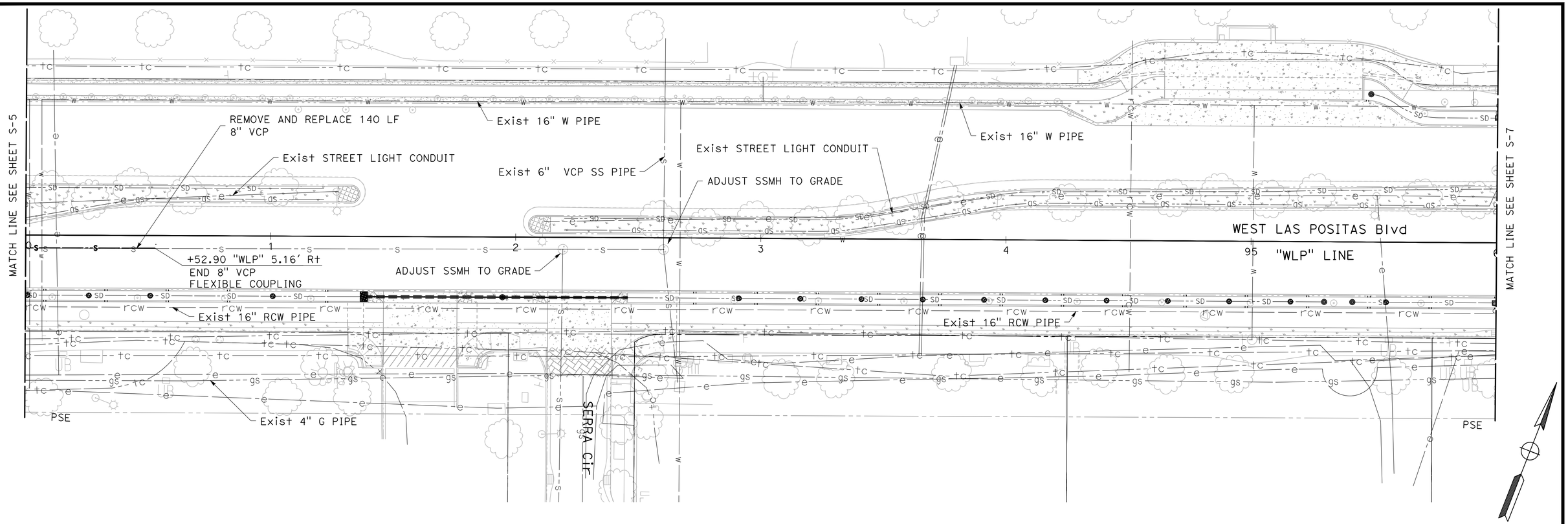

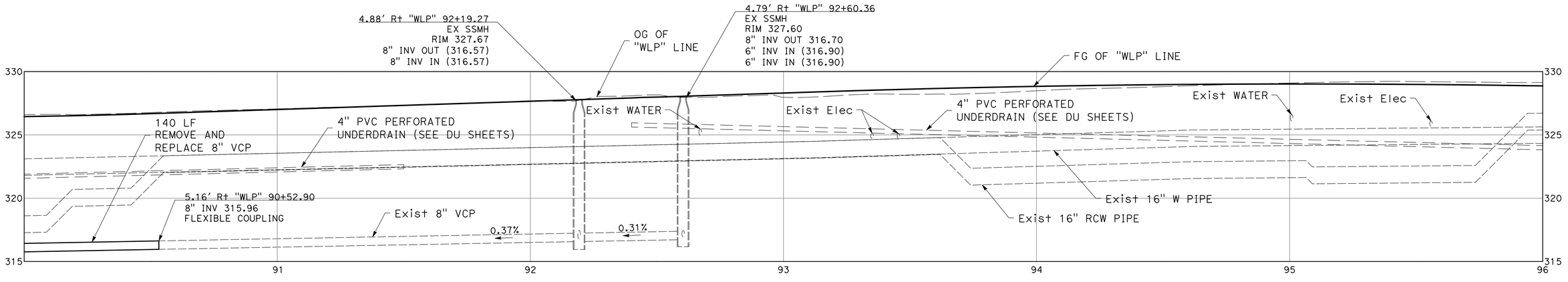

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SCALE: 1"=40'

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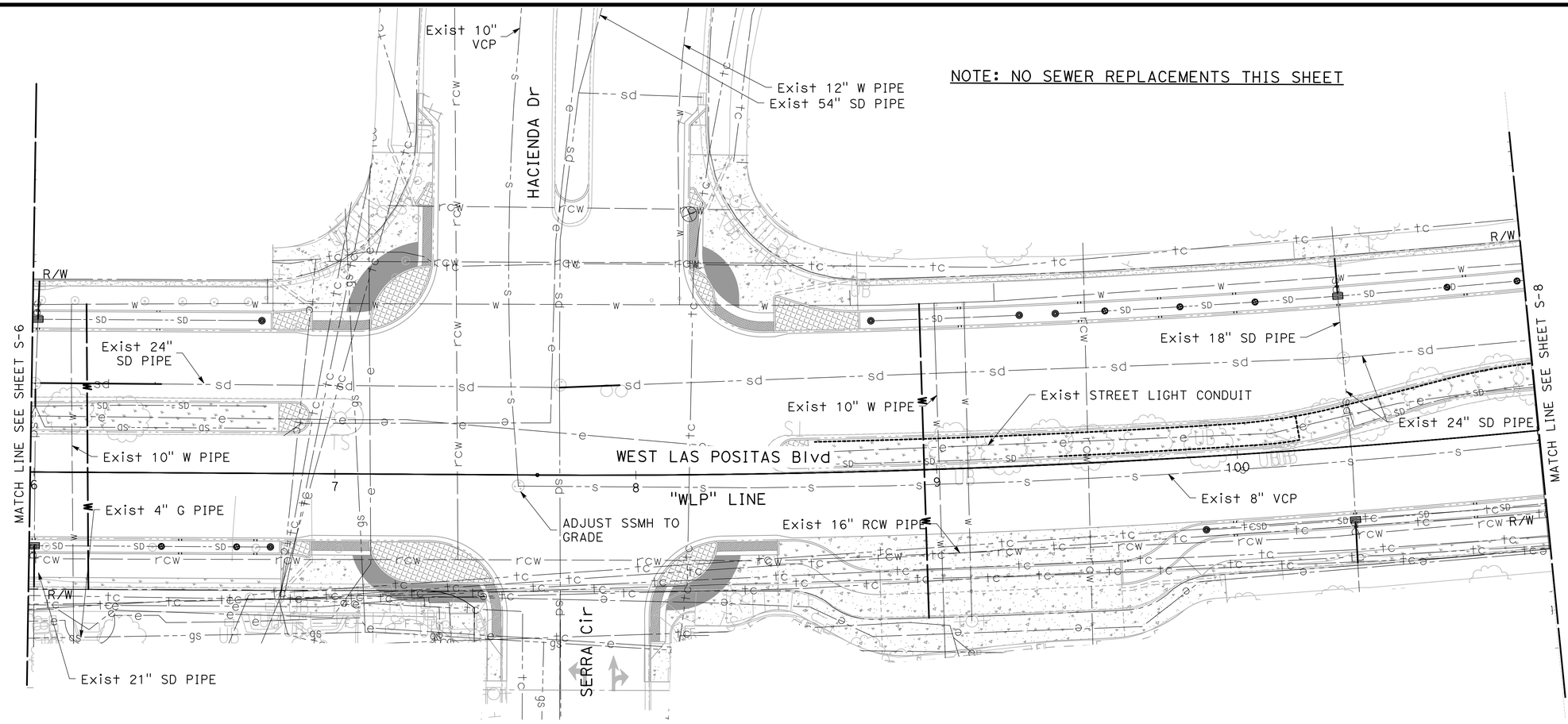
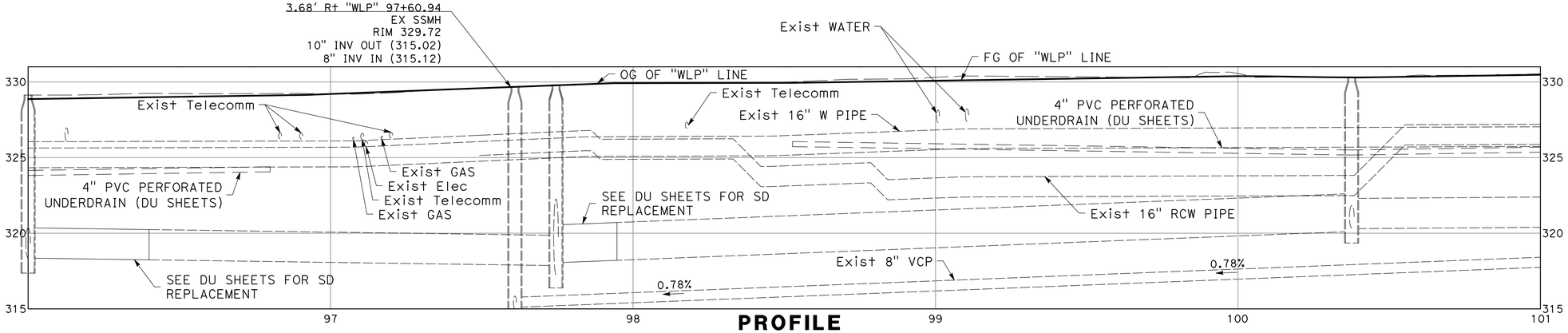
1"=40'	5/30/2025	22-20106	S-6 110 OF 230

NOTE: NO SEWER REPLACEMENTS THIS SHEET





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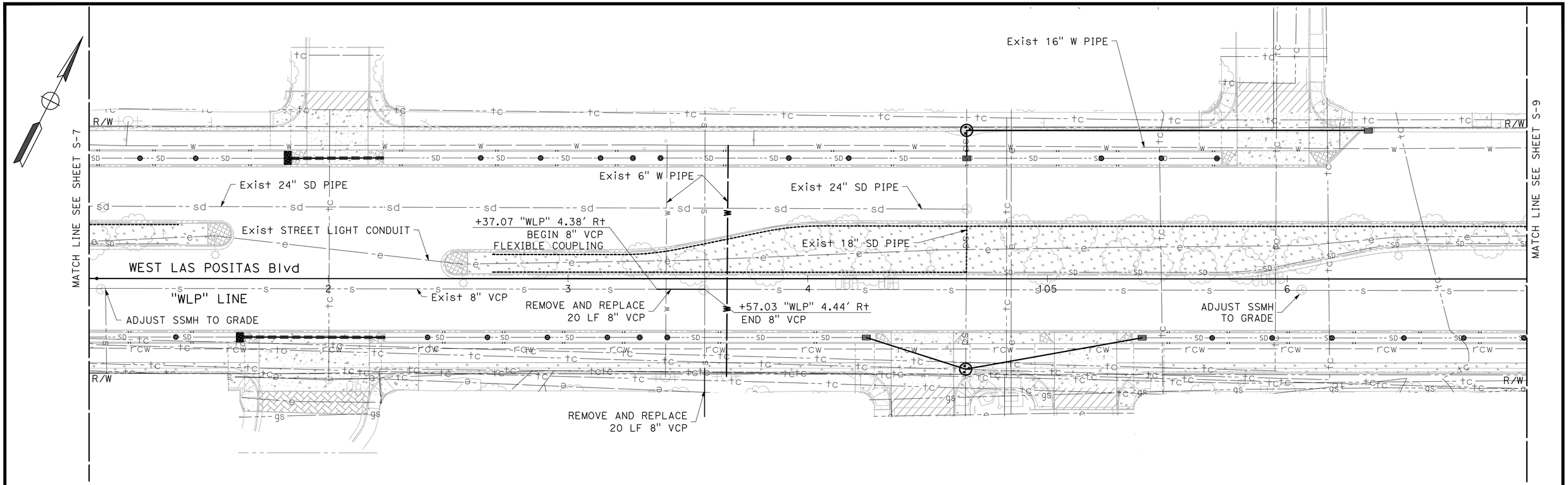

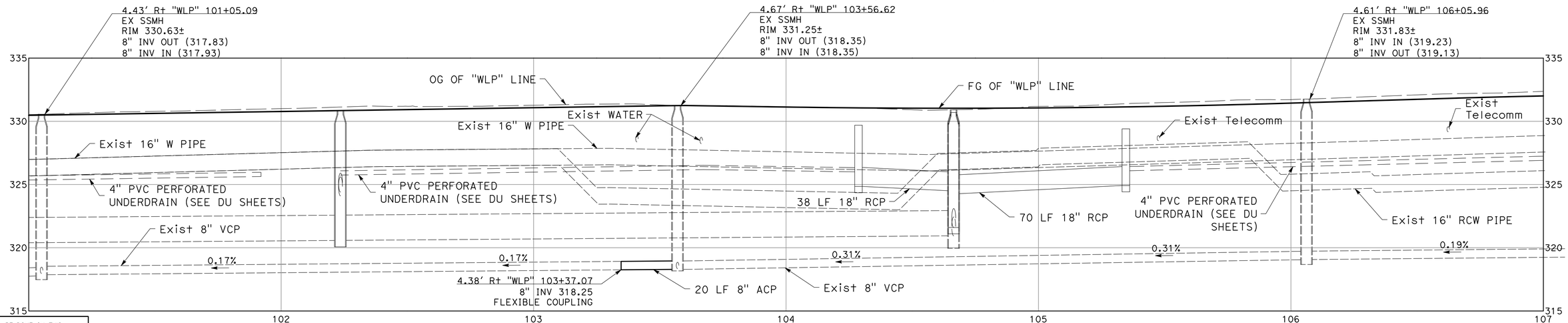

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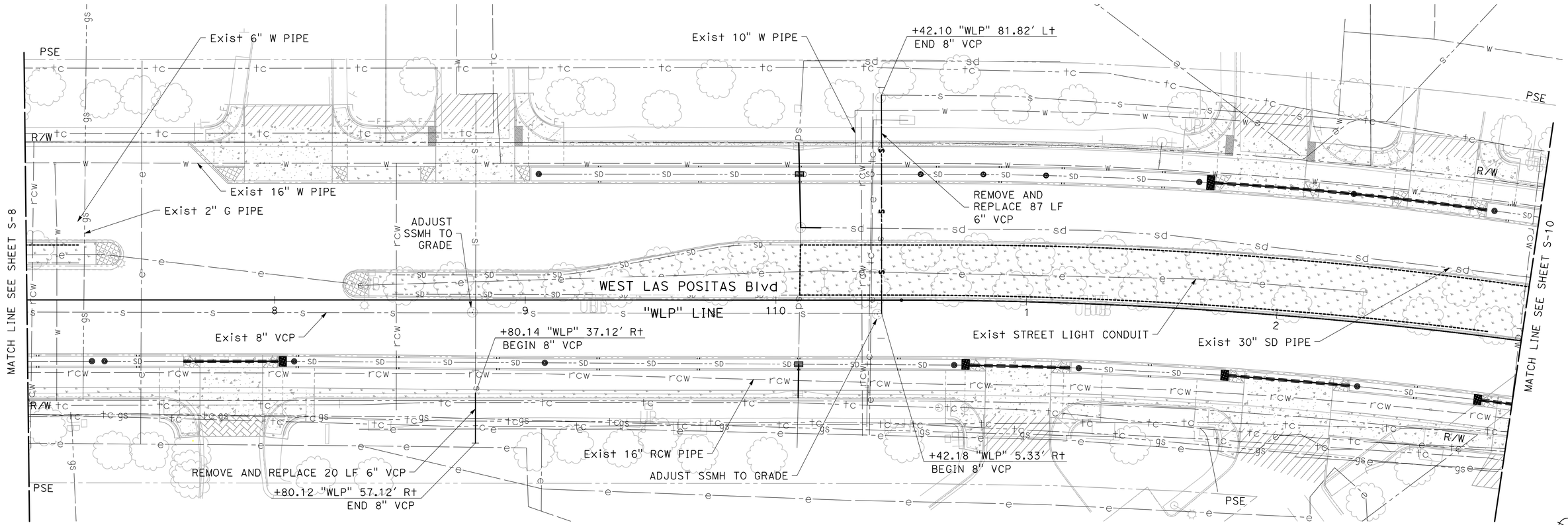

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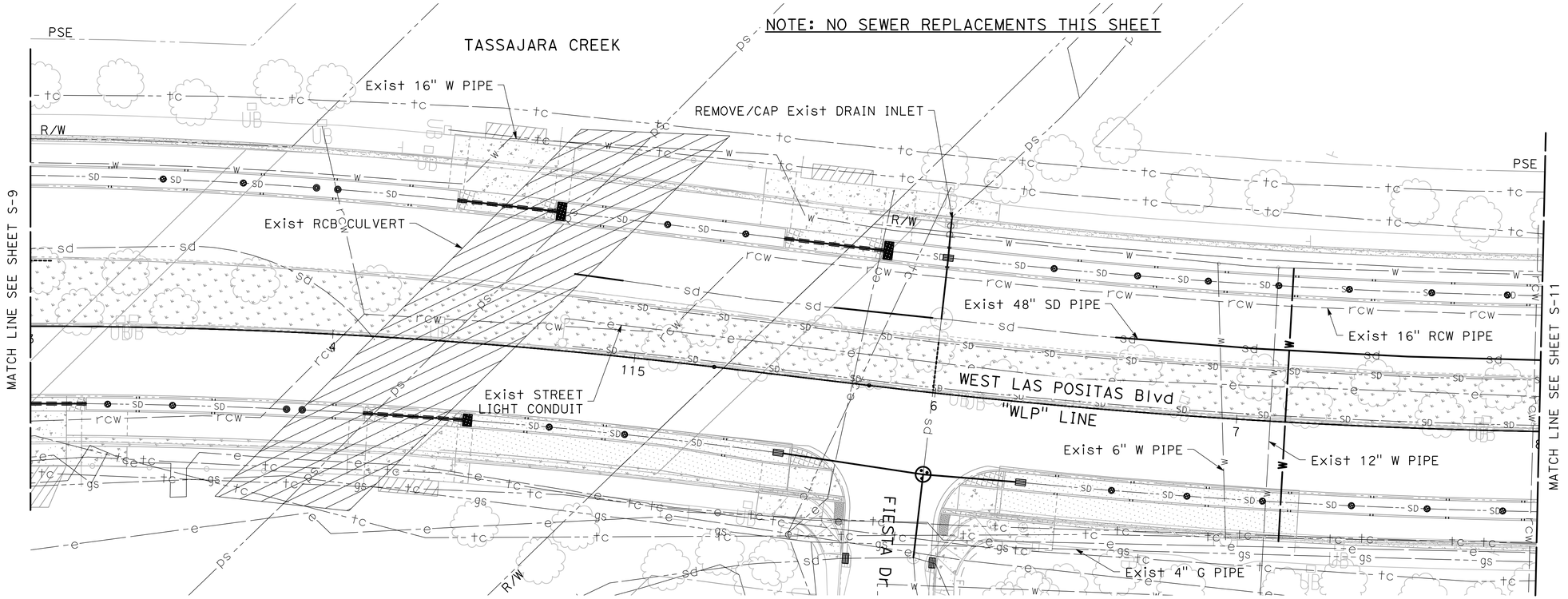

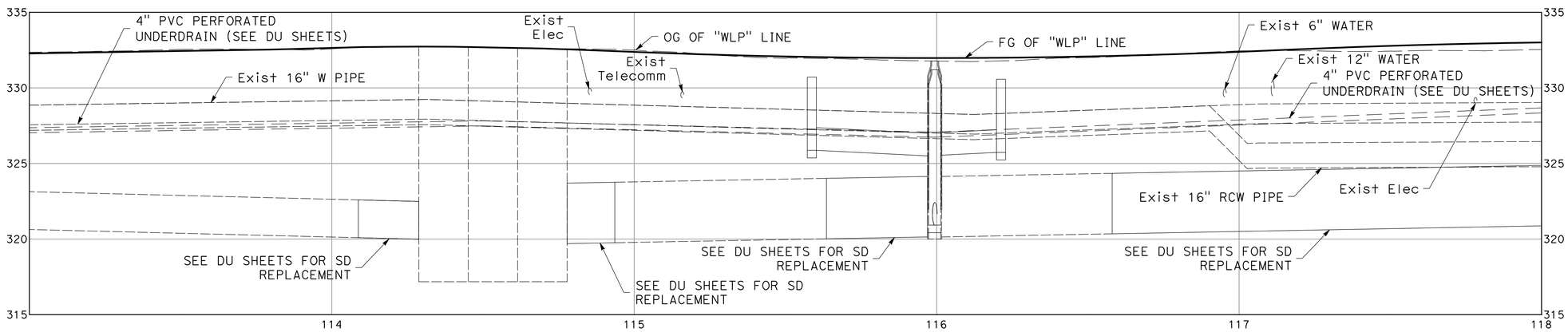

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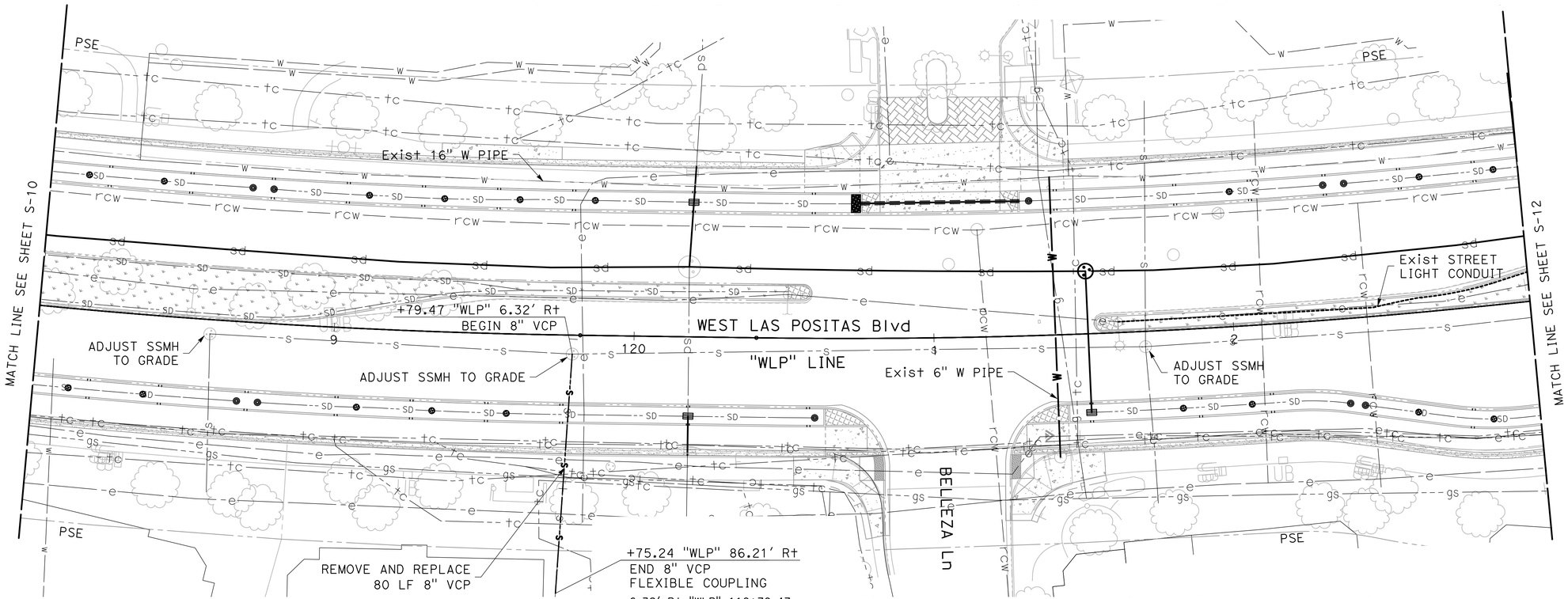
SCALE:	DATE:	PIN:		SHEET:
1"=40'	5/30/2025	22-20106	S-10	114 OF 230



PROFILE

SCALE: 1" = 20' (H)
1" = 4' (V)

95% PLANS (NOT FOR CONSTRUCTION)

0 10 20
SCALE: 1"=20'

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
RACHEL WOOLDRIDGE
No. 88328
Exp. 03-31-26
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

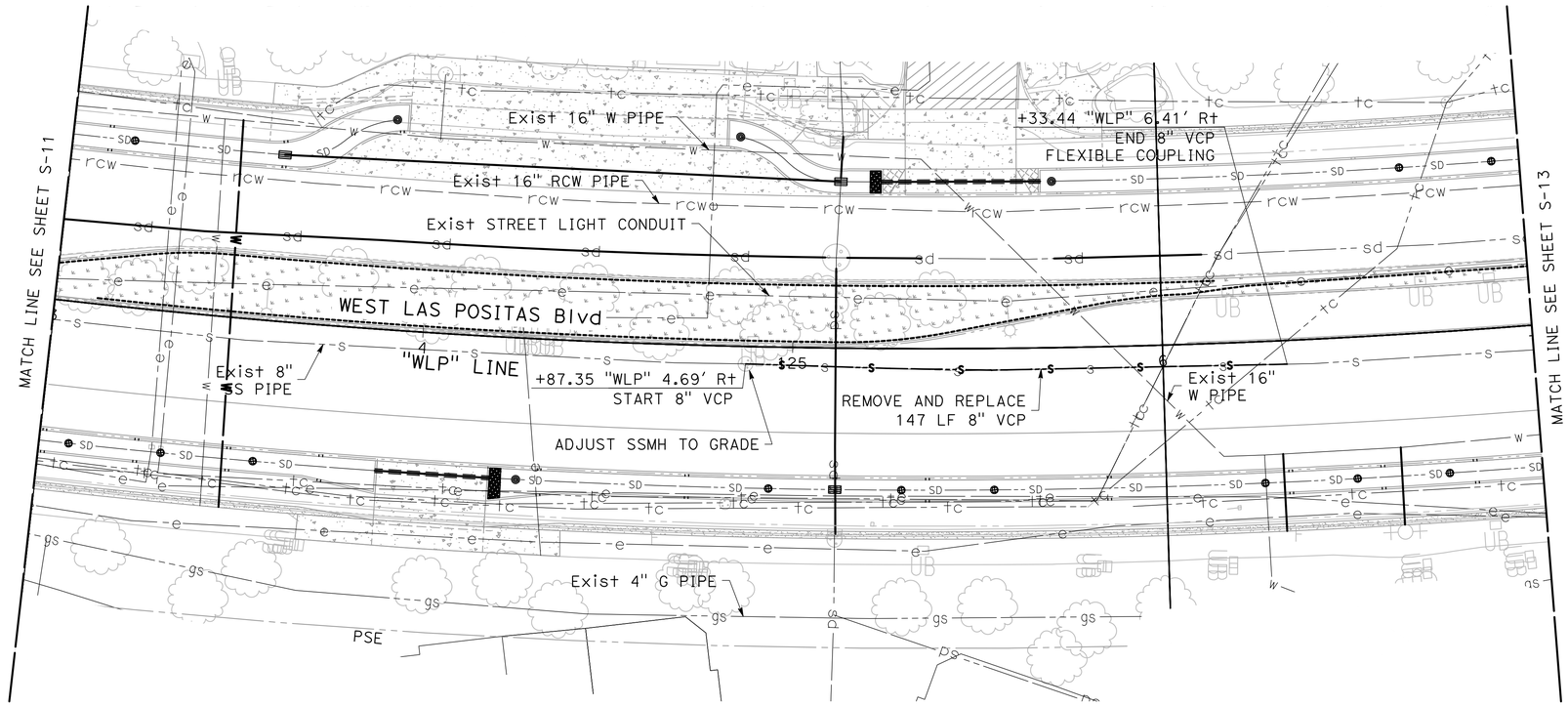
REVISIONS

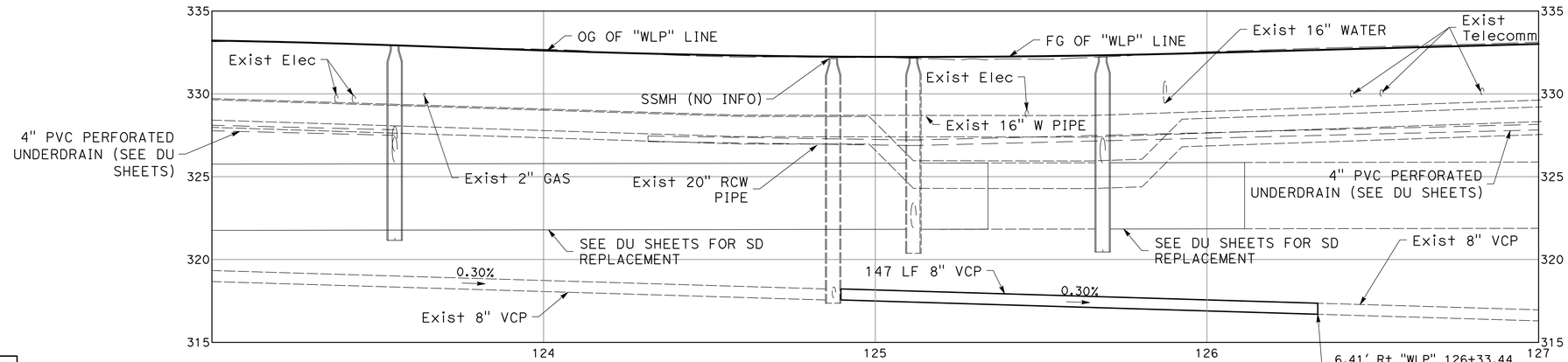
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY:
DRAWN BY:

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
SEWER PLANS

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	S-11 115 OF 230





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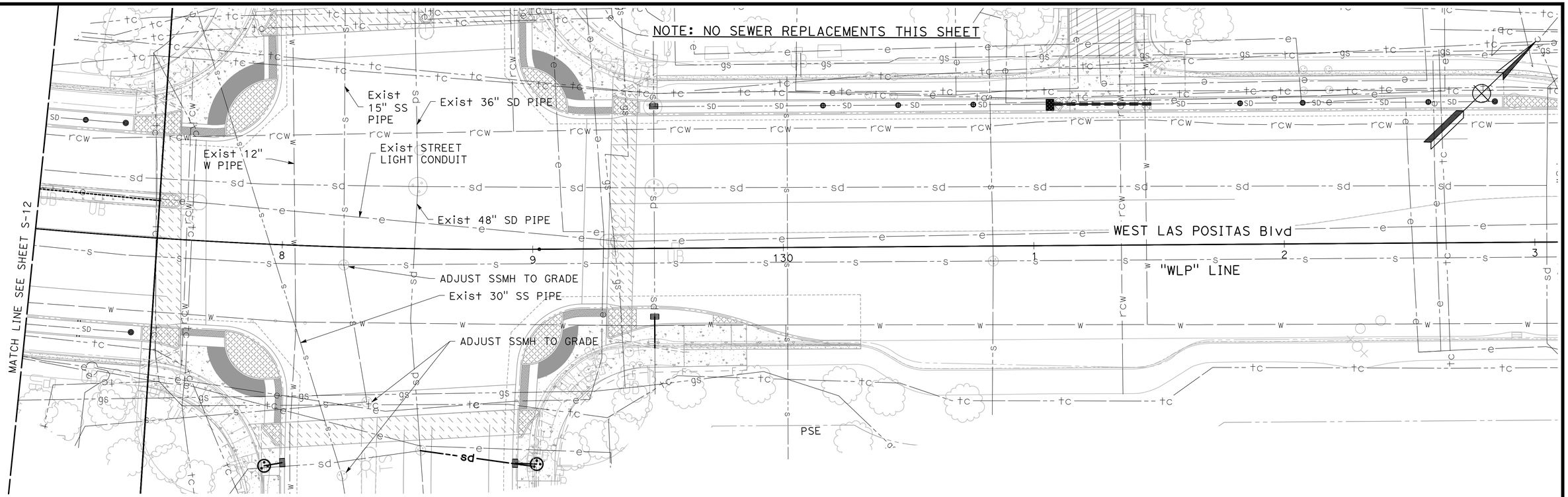
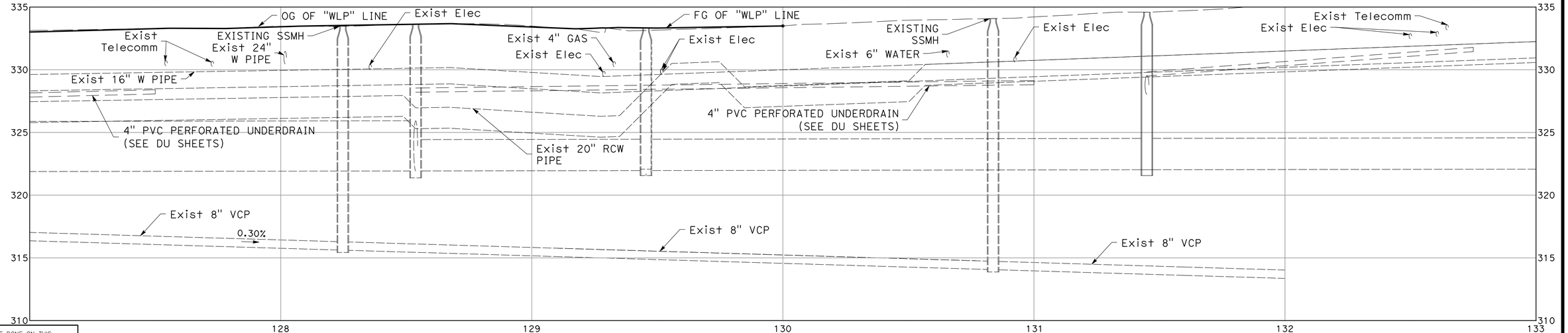
SEWER PLANS

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	S-12 116 OF 230

NOTE: NO SEWER REPLACEMENTS THIS SHEET





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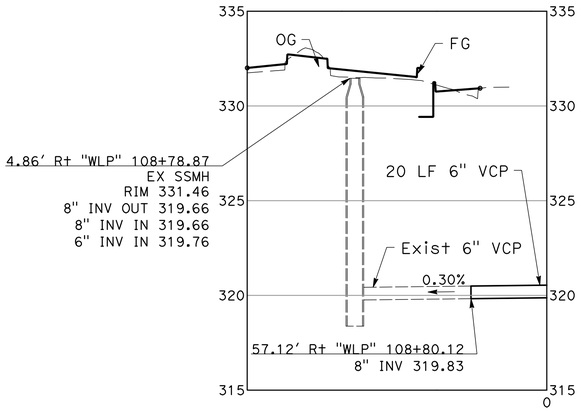
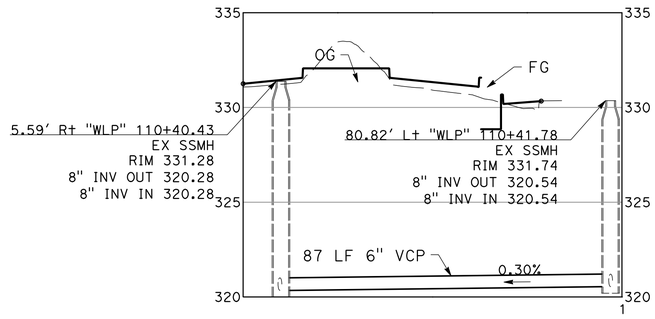
SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	S-13 117 OF 230



SS AT Sta 108+80

SCALE: 1" = 20' (H)
1" = 4' (V)



SS AT Sta 110+42

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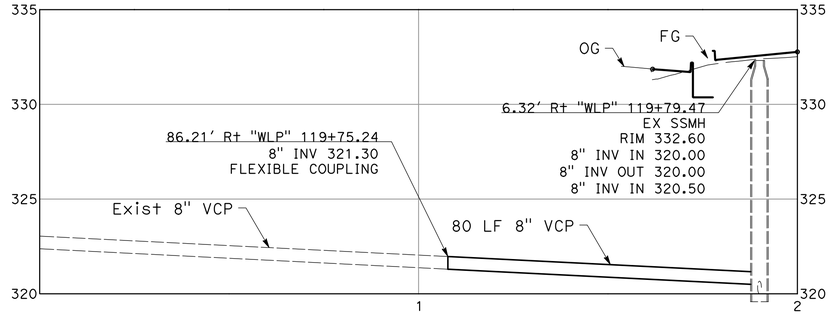
1" = 4' (V)



SS AT Sta 119+80

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SCALE: 1"=20'

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CIP#11514
SEWER PLANS

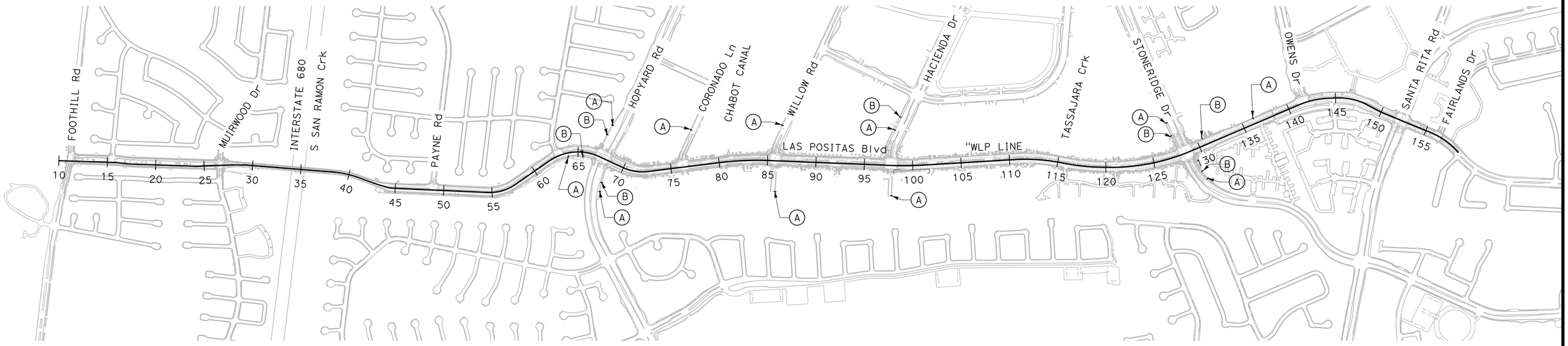
SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	22-20106	S-14	118 OF 230

NOTES:

1. EXACT LOCATIONS OF THE CONSTRUCTION AREA SIGNS SHALL BE DETERMINED BY THE ENGINEER.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER (X)	SIGN CODE	PANEL SIZE (IN)	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS	REMARKS
(A)	W20-1	36X36	ROAD WORK AHEAD	2-6"x6"	11	Min 250' IN ADVANCE OF BEGIN CONSTRUCTION
TOTAL					11	



PORTABLE CHANGEABLE MESSAGE SIGNS

SIGN LETTER (X)	SIGN CODE	NUMBER OF SIGNS	REMARKS
(B)	PCMS	7	FOR ADDITIONAL DETAIL, SEE SPECIAL PROVISIONS.
TOTAL		7	

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95% PLANS (NOT FOR CONSTRUCTION)

0 250 500
SCALE: 1"=500'

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(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
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No. 88328
Exp. 03-31-26
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

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DRAWN BY:

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
CONSTRUCTION AREA SIGN

SCALE:	DATE:	PIN:		SHEET:
1"=500'	5/30/2025	22-20106	CS-1	119 OF 230

TRAFFIC CONTROL GENERAL NOTES:

1. ALL PROPERTY OWNERS SHALL BE NOTIFIED IN ADVANCE OF ANY CONSTRUCTION THAT MAY AFFECT PROPERTY ACCESS. ACCESS TO ALL AFFECTED PROPERTIES SHALL BE MAINTAINED OPEN DURING CONSTRUCTION, UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL INSTALL TRAFFIC CONTROL DEVICES PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO MAINTAIN ALL TRAFFIC CONTROL DEVICES DURING CONSTRUCTION AS REQUIRED BY THE CITY ENGINEER/INSPECTOR.
3. ACTUAL SIGN INSTALLATION LOCATIONS ARE TO BE DETERMINED IN THE FIELD. SIGN LOCATIONS MUST BE APPROVED BY THE CITY ENGINEER/INSPECTOR PRIOR TO ANY INSTALLATION WORK.
4. SIGNS SHALL BE INSTALLED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THESE PLANS AND AS DIRECTED BY THE CITY.
5. ANY EXISTING SIGNS, STRIPING, PAVEMENT MARKINGS, AND FLEXIBLE DELINEATOR POSTS THAT CONFLICT WITH THESE PLANS SHALL BE COVERED OR REMOVED DURING CONSTRUCTION. REMOVAL OF ROADWAY STRIPING AND PAVEMENT MARKINGS SHALL BE DONE IN ACCORDANCE WITH CURRENT CALTRANS AND CA MUTCD STANDARDS. SIGNS, STRIPING AND PAVEMENT MARKINGS MUST BE RESTORED TO EXISTING CONDITIONS AND TO THE SATISFACTION OF THE CITY ENGINEER /INSPECTOR ONCE CONSTRUCTION IS COMPLETE.
6. TEMPORARY TRAFFIC CONTROL DEVICES MUST NOT BLOCK FIRE HYDRANTS OR DRIVEWAYS.
7. ALL TRAFFIC CONTROL DEVICES MUST BE RETROREFLECTIVE AND/OR ILLUMINATED DURING NIGHTTIME TRAFFIC CONTROL
8. CONTRACTOR MUST DISPLAY ON ITS BARRICADES COMPANY NAME AND 24-HOUR EMERGENCY TELEPHONE NUMBER IN CASE OF EMERGENCIES.
9. CONTRACTOR MUST FURNISH, ERECT, AND MAINTAIN BARRICADES , LIGHTS, SIGNS, FLAGMEN, FENCING, AND OTHER SAFETY MEASURES TO GIVE ADEQUATE PROTECTION TO THE PUBLIC AT ALL TIMES.
10. THE PARKING OF ANY CONSTRUCTION-RELATED VEHICLES OR STORAGE OF ANY MATERIAL IS NOT ALLOWED ON A PUBLIC STREET OR SIDEWALK UNLESS APPROVED IN ADVANCE BY THE CITY ENGINEER.
11. ANY TRAFFIC STRIPING, PAVEMENT MARKINGS, PAVEMENT SURFACE, ETC. DAMAGED OR DESTROYED BY CONTRACTOR'S WORK MUST BE REPLACED BY CONTRACTOR TO THE SATISFACTION OF THE CITY ENGINEER AT CONTRACTOR'S SOLE EXPENSE.
12. FOR ANY ONGOING PROJECTS IN THE VICINITY OF THIS PROJECT, THE ROUTING OF PEDESTRIANS, VEHICLES, AND CONSTRUCTION TRUCKS MUST BE COORDINATED WITH OTHER CONTRACTORS TO MINIMIZE PUBLIC INCONVENIENCE.
13. SIDEWALKS AND TRAFFIC LANES MUST REMAIN OPEN WHEN NO ACTIVITY IS PLANNED AND/OR BETWEEN SCHEDULED CLOSURES. SIDEWALKS AND TRAFFIC LANES MUST BE OPENED AT THE END OF EACH WORKDAY.
14. EXISTING CURBS, GUTTERS, SIDEWALKS, AND DRIVEWAYS TO BE RECONSTRUCTED MUST BE REPLACED WITHIN 10 DAYS AFTER DEMOLITION UNLESS GRANTED AN EXCEPTION BY THE CITY.
15. DURING CONSTRUCTION, TRASH/RECYCLING/YARD WASTE/MAIL AND OTHER DELIVERIES COLLECTION VEHICLES MUST HAVE ACCESS TO COLLECTION ROUTE STREETS IN ORDER TO FACILITATE COLLECTION ACTIVITIES. DELAYS OR DISRUPTIONS TO COLLECTION SERVICES MAY NOT OCCUR AS A RESULT OF CONSTRUCTION ACTIVITY.
16. THE FRAMEWORK FOR BARRICADE-MOUNTED SIGNS SHALL CONSIST OF A BASE, FRAMEWORK, AND A SIGN.
17. SANDBAGS AND/OR GRAVEL BAGS SHALL BE PLACED OVER THE BASE LEGS OF BARRICADE-MOUNTED SIGNS TO PREVENT ANY OVERTURNING.
18. ALL BARRICADES USED DURING EVENING/NIGHTTIME SHALL HAVE FLASHING WARNING LIGHTS.
19. PEDESTRIAN AND BICYCLE TRAFFIC SHALL BE MAINTAINED AT ALL TIMES.
20. FOR INTERSECTIONS THAT REQUIRE MODIFICATIONS TO SIGNAL TIMING OR SIGNAL PHASING, CONTRACTOR SHALL FIRST SCHEDULE AN APPOINTMENT WITH CITY'S TRAFFIC ENGINEER OR THEIR DESIGNEE AT LEAST ONE WEEK IN ADVANCE OF THE WORK. WHERE TEMPORARY PEDESTRIAN SIGNAL HEADS ARE PROVIDED AT A CROSSWALK THAT IS PART OF AN ALTERNATE PEDESTRIAN ACCESS ROUTE, PEDESTRIAN PUSHBUTTONS OR PASSIVE DETECTION DEVICES MUST BE PROVIDED AND COMPLY WITH R307 OF THE PROWAG.
21. FINAL LIFT OF ASPHALT SHALL BE APPLIED JUST PRIOR TO PERMANENT PAVEMENT DELINEATION.
22. THE CONTRACTOR WILL BE RESPONSIBLE FOR AND FURNISH, INSTALL, AND MAINTAIN TEMPORARY SIGNS, BARRICADES, FLAGMEN, AND OTHER FACILITIES TO ADEQUATELY SAFEGUARD THE GENERAL PUBLIC AND WORK, AND TO PROVIDE FOR THE PROPER ROUTING OF VEHICULAR AND PEDESTRIAN AND TRAFFIC CONTROL HANDBOOK (WATCH). THE CONTRACTOR WILL PROVIDE TO THE CITY ENGINEER FOR REVIEW, A PLAN SHOWING TRAFFIC CONTROL MEASURES AND/OR DETOURS FOR VEHICLES AFFECTED BY THE CONSTRUCTION WORK. THE APPROVED PLAN WILL BE DELIVERED TO THE CONSTRUCTION INSPECTOR PRIOR TO THE IMPLEMENTATION OF TRAFFIC CONTROL MEASURES.
23. CONTRACTOR TO MAINTAIN EXISTING TRAFFIC SIGNAL OPERATION AND PROVIDE TEMPORARY SIGNALS AS NECESSARY.
24. THE CONTRACTOR SHALL LIMIT TRANSPORTATION OF LOADS OVER THE CULVERTS AND COMPLETE PRE AND POST CONSTRUCTION INSPECTIONS.

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TWO WORKING DAYS BEFORE YOU DIG

ACTIVITY/DURATION TABLE:

STAGE	TRAFFIC PHASING	STAGE CONSTRUCTION	ESTIMATED # OF DAYS
0	TEMPORARILY CLOSE LANES AS NEEDED.	CONSTRUCT ALL UNDERGROUND LATERAL UTILITIES THAT CANNOT BE CONSTRUCTED OR REPLACED IN STAGE 1 OR STAGE 2. REMOVE EXISTING GUTTER PAN AND INSTALL TEMPORARY HMA BEFORE SHIFTING TRAFFIC OUTSIDE IN STAGE 1A	XX
1 A	MOVE TRAFFIC TO OUTSIDE (1 LANE IN EACH DIRECTION). DRIVEWAY CLOSURES ARE NOT PERMITTED THIS PHASE. MODIFY SIGNAL OPERATIONS AT WILLOW, HACIENDA AND STONERIDGE. BUS OPERATIONS SHALL CONTINUE TO RUN NORMALLY.	REMOVE CONFLICTING DELINEATOR POSTS. CONSTRUCT LANE 1, TURN POCKET AND MEDIAN. DO NOT CONSTRUCT FINAL LIFT OF HMA PAVEMENT. CONSTRUCT ALL UNDERGROUND UTILITIES, INCLUDING UTILITY TRENCH PAVEMENT REPAIRS, THIS PHASE UNDER NIGHTTIME LANE CLOSURES USING TRENCH PLATES. CONSTRUCT TOPSOIL AND IRRIGATION CROSSOVERS.	XX
1 B	KEEP TRAFFIC ON OUTSIDE (1 LANE IN EACH DIRECTION). DRIVEWAY CLOSURES ARE NOT PERMITTED IN THIS PHASE. MODIFY SIGNAL OPERATION AT HACIENDA, KEEP SIGNAL MODIFICATIONS AT WILLOW AND STONERIDGE. OPEN TURN POCKETS TO ALLOW U-TURN MOVEMENTS AS SHOWN.	CONSTRUCT WLP ACROSS HACIENDA ONLY. DO NOT CONSTRUCT FINAL LIFT OF HMA PAVEMENT. CONSTRUCT TOPSOIL AND IRRIGATION CROSSOVERS.	XX
2 A	MOVE TRAFFIC TO INSIDE (1 LANE IN EACH DIRECTION) DRIVEWAY CLOSURES MUST COMPLY WITH CLOSURE SCHEDULE MODIFY SIGNAL OPERATIONS AT HACIENDA, WILLOW AND STONERIDGE. CONTRACTOR TO PROVIDE TEMPORARY PEDESTRIAN ACCESS DURING RAMP CONSTRUCTION AT HOPYARD.	CONSTRUCT BIORETENTION BASIN. CONSTRUCT LANE 2, BIKEWAY AND DG BUFFER. DO NOT CONSTRUCT FINAL LIFT OF HMA PAVEMENT.	XX
2 B	KEEP TRAFFIC ON INSIDE (1 LANE IN EACH DIRECTION). DRIVEWAY CLOSURES MUST COMPLY WITH CLOSURE SCHEDULE. MODIFY SIGNAL OPERATIONS AT HACIENDA, KEEP SIGNAL MODIFICATIONS AT WILLOW AND STONERIDGE. CONTRACTOR TO PROVIDE TEMPORARY PEDESTRIAN ACCESS DURING RAMP CONSTRUCTION AT HOPYARD, CORONADO, AND STONERIDGE.	CONSTRUCT BIORETENTION BASIN. CONSTRUCT LANE 2, BIKEWAY AND DG BUFFER. DO NOT CONSTRUCT FINAL LIFT OF HMA PAVEMENT.	XX
2 C	KEEP TRAFFIC ON INSIDE (1 LANE IN EACH DIRECTION). DRIVEWAY CLOSURES MUST COMPLY WITH CLOSURE SCHEDULE. MODIFY SIGNAL OPERATIONS AT HACIENDA, KEEP SIGNAL MODIFICATIONS AT WILLOW AND STONERIDGE. CLOSE HACIENDA AND DETOUR TRAFFIC. CONTRACTOR TO PROVIDE TEMPORARY PEDESTRIAN ACCESS DURING RAMP CONSTRUCTION AT HOPYARD AND HACIENDA.	CONSTRUCT WLP ACROSS HACIENDA. DO NOT CONSTRUCT FINAL LIFT OF HMA PAVEMENT.	XX
2 D	KEEP TRAFFIC ON INSIDE (1 LANE IN EACH DIRECTION). DRIVEWAY CLOSURES MUST COMPLY WITH CLOSURE SCHEDULE. MODIFY SIGNAL OPERATIONS AT HACIENDA, KEEP SIGNAL MODIFICATIONS AT WILLOW AND STONERIDGE. CONTRACTOR TO PROVIDE TEMPORARY PEDESTRIAN ACCESS DURING RAMP CONSTRUCTION AT HOPYARD. MOVE TRAFFIC INTO FINAL CONFIGURATION WITH TEMPORARY STRIPING.	DO NOT CONSTRUCT FINAL LIFT OF HMA PAVEMENT. CONTRACTOR SHALL PLACE FINAL STRIPING CONFIGURATION UTILIZING TEMPORARY PAVEMENT DELINEATIONS. SEE PD PLANS.	XX
3	MODIFY SIGNAL TO FINAL OPERATIONS AT WILLOW, HACIENDA, AND STONERIDGE.	CONSTRUCT FINAL HMA LIFT AND PAVEMENT DELINEATIONS. CONSTRUCT IRRIGATION AND PLANTING.	XX

95% PLANS (NOT FOR CONSTRUCTION)

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Exp. 03-31-26
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: M. TALAMAIVAO
DRAWN BY: M. HAQUE

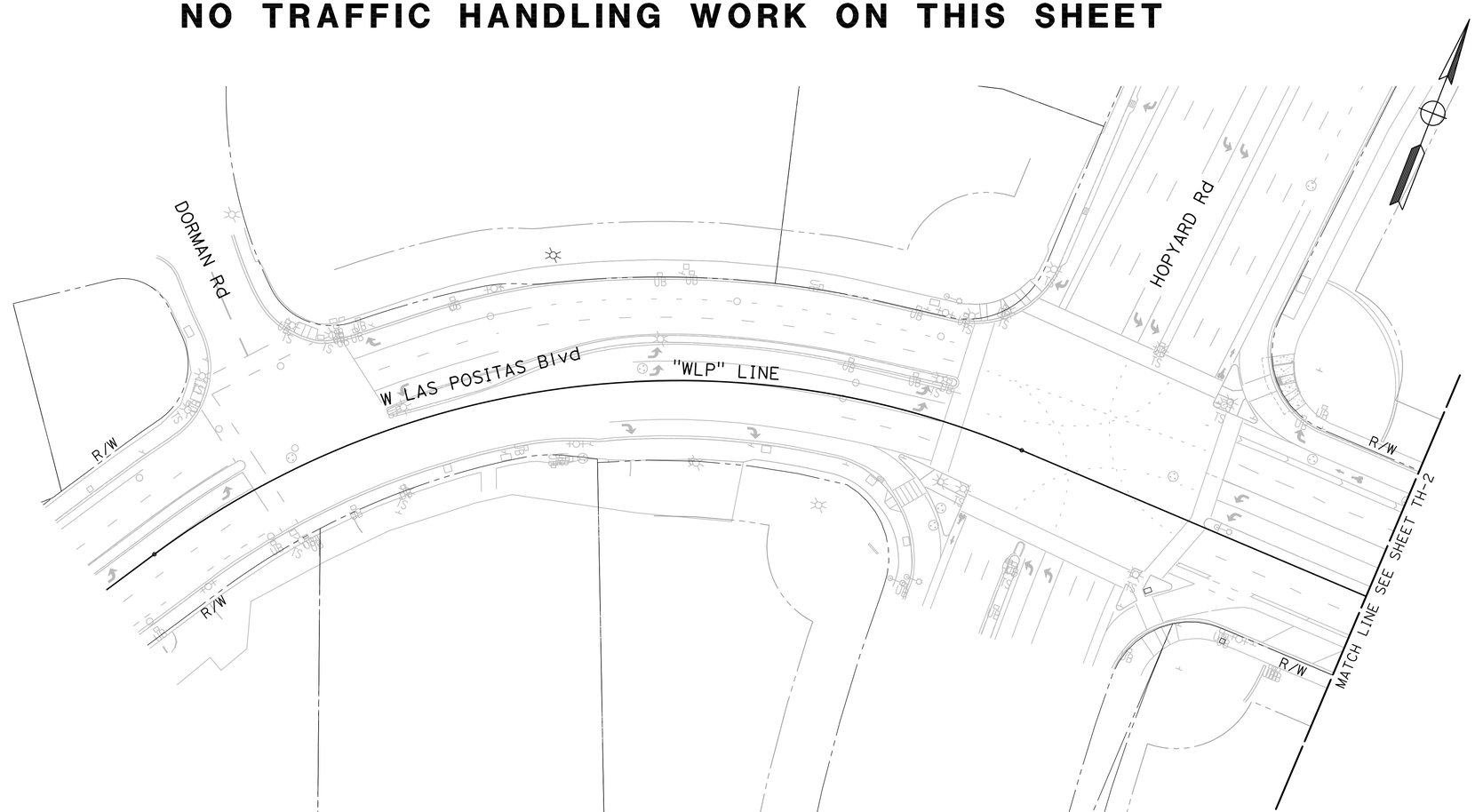
CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
TRAFFIC CONTROL PLAN

SCALE:	DATE:	PIN:	SHEET:
NO SCALE	5/30/2025	22-20106	TC-1 120 OF 230

LEGEND:

- CONSTRUCTION THIS STAGE
- LIME TREATED SUBGRADE
- TEMPORARY BARRIER SYSTEM
- PORTABLE DELINEATOR
- TEMPORARY CRASH CUSHION
- (#) NUMBER OF LANES AND DIRECTION OF TRAVEL
- TYPE III BARRICADE
- FLASHING ARROW SIGN (FAS)
- LIMIT OF TEMPORARY TRAFFIC STRIPE DETAIL
- No. TEMPORARY TRAFFIC STRIPE DETAIL
- TEMPORARY CRASH CUSHION
- ROADSIDE SIGN
- FLAGGER
- EXISTING BUS STOPS
- BUS STOP CLOSURES

NO TRAFFIC HANDLING WORK ON THIS SHEET



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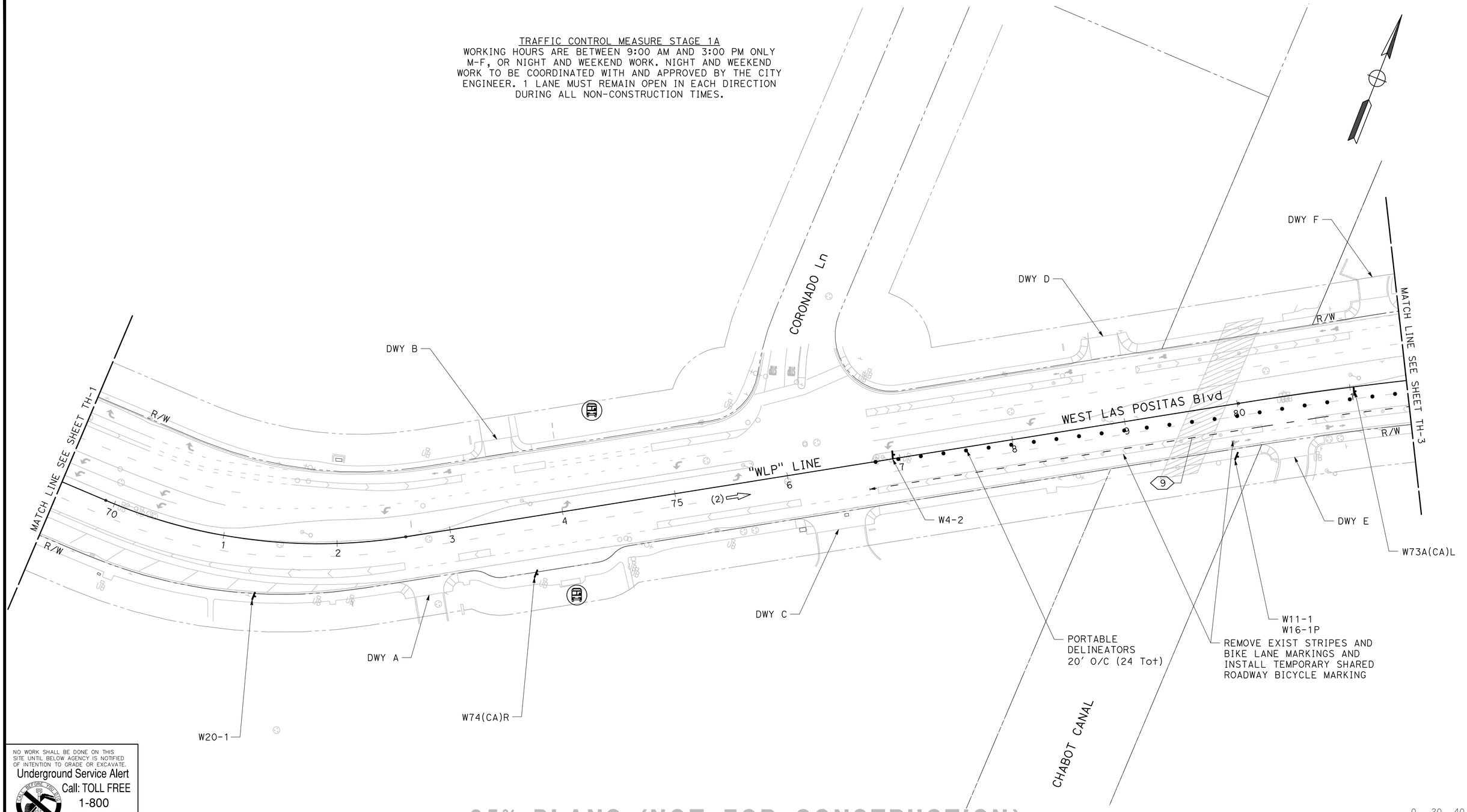
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
TRAFFIC CONTROL PLAN (STAGE 1A)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-1 121 OF 230

TRAFFIC CONTROL MEASURE STAGE 1A
WORKING HOURS ARE BETWEEN 9:00 AM AND 3:00 PM ONLY M-F, OR NIGHT AND WEEKEND WORK. NIGHT AND WEEKEND WORK TO BE COORDINATED WITH AND APPROVED BY THE CITY ENGINEER. 1 LANE MUST REMAIN OPEN IN EACH DIRECTION DURING ALL NON-CONSTRUCTION TIMES.



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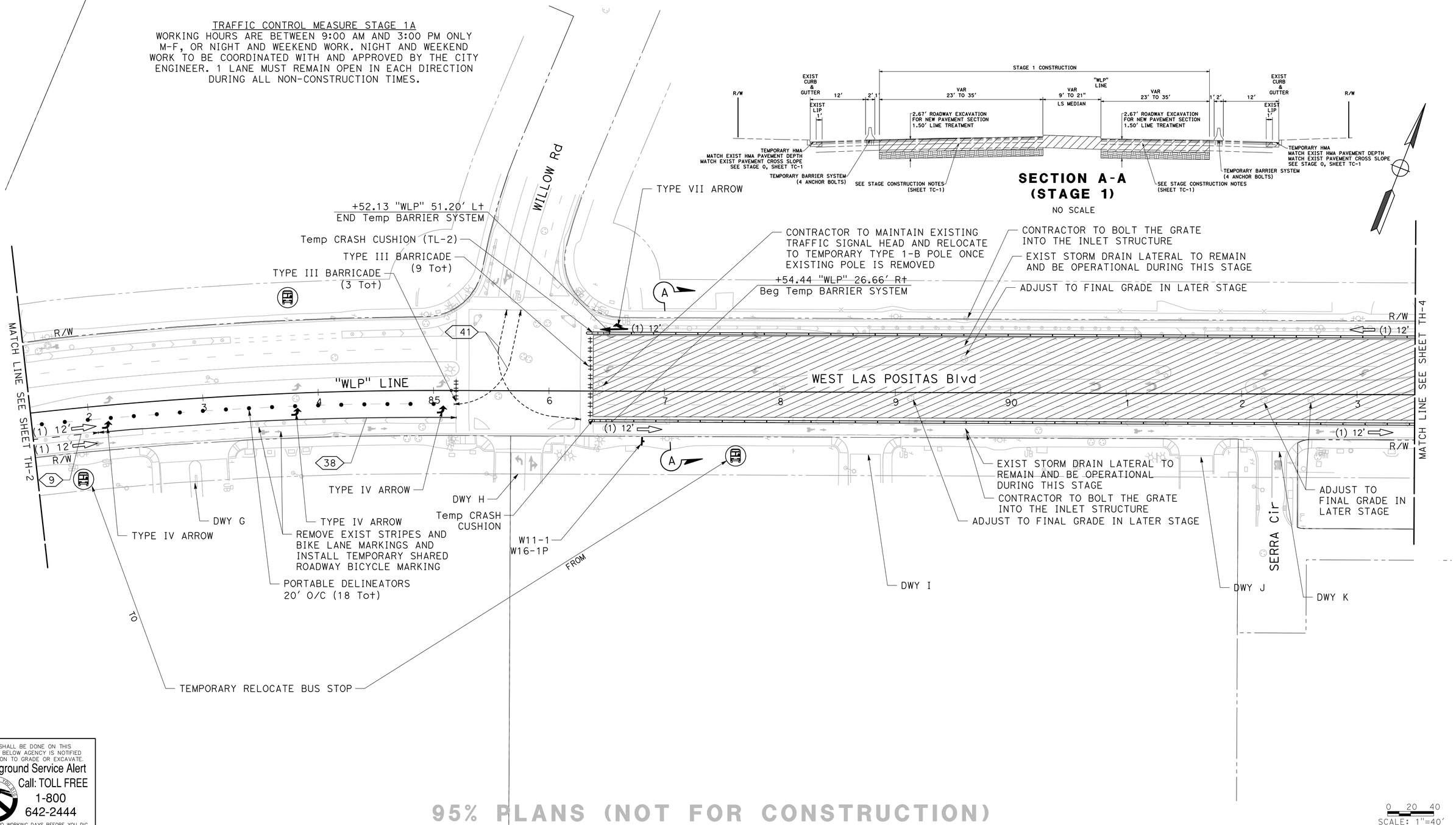
TRAFFIC CONTROL PLAN (STAGE 1A)

SCALE:	DATE:	PIN:		SHEET:
1"=40'	5/30/2025	22-20106	TH-2	122 OF 230

TRAFFIC CONTROL MEASURE STAGE 1A
WORKING HOURS ARE BETWEEN 9:00 AM AND 3:00 PM ONLY M-F, OR NIGHT AND WEEKEND WORK. NIGHT AND WEEKEND WORK TO BE COORDINATED WITH AND APPROVED BY THE CITY ENGINEER. 1 LANE MUST REMAIN OPEN IN EACH DIRECTION DURING ALL NON-CONSTRUCTION TIMES.

SECTION A-A (STAGE 1)
NO SCALE



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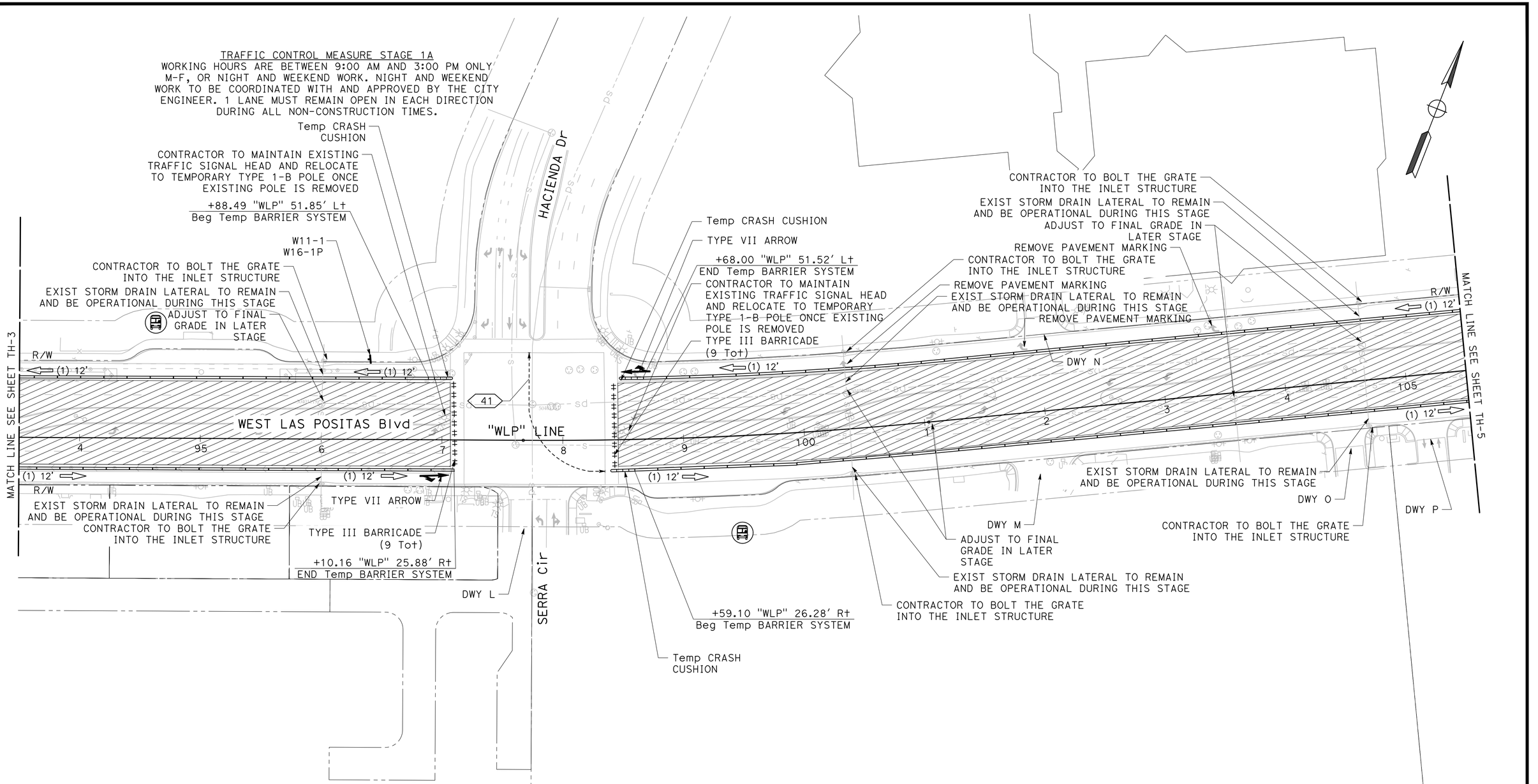
CIP#11514
TRAFFIC CONTROL PLAN (STAGE 1A)

SCALE:	DATE:	PIN:		SHEET:
1"=40'	5/30/2025	22-20106	TH-3	123 OF 230

TRAFFIC CONTROL MEASURE STAGE 1A
WORKING HOURS ARE BETWEEN 9:00 AM AND 3:00 PM ONLY M-F, OR NIGHT AND WEEKEND WORK. NIGHT AND WEEKEND WORK TO BE COORDINATED WITH AND APPROVED BY THE CITY ENGINEER. 1 LANE MUST REMAIN OPEN IN EACH DIRECTION DURING ALL NON-CONSTRUCTION TIMES.



NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

SCALE: 1"=40'

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
RACHEL WOOLDRIDGE
No. 88328
Exp. 03-31-26
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: M. TALAMAIVAO
DRAWN BY: M. HAQUE

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT CIP#11514
TRAFFIC CONTROL PLAN (STAGE 1A)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-4 124 OF 230

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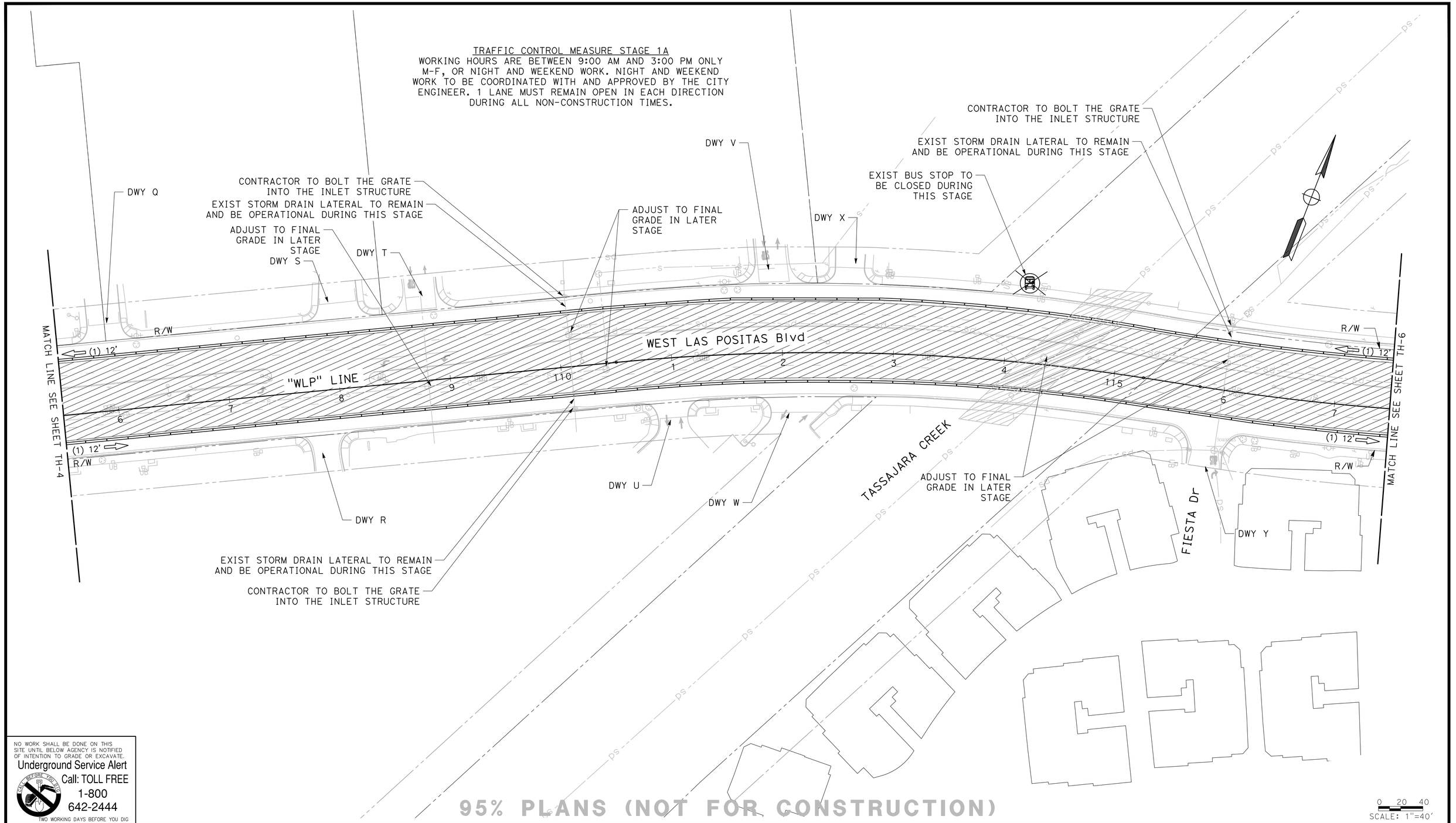

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0 20 40
SCALE: 1"=40'

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CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
TRAFFIC CONTROL PLAN (STAGE 1A)

SCALE:	DATE:	PIN:		SHEET:
1"=40'	5/30/2025	22-20106	TH-5	125 OF 230

TRAFFIC CONTROL MEASURE STAGE 1A
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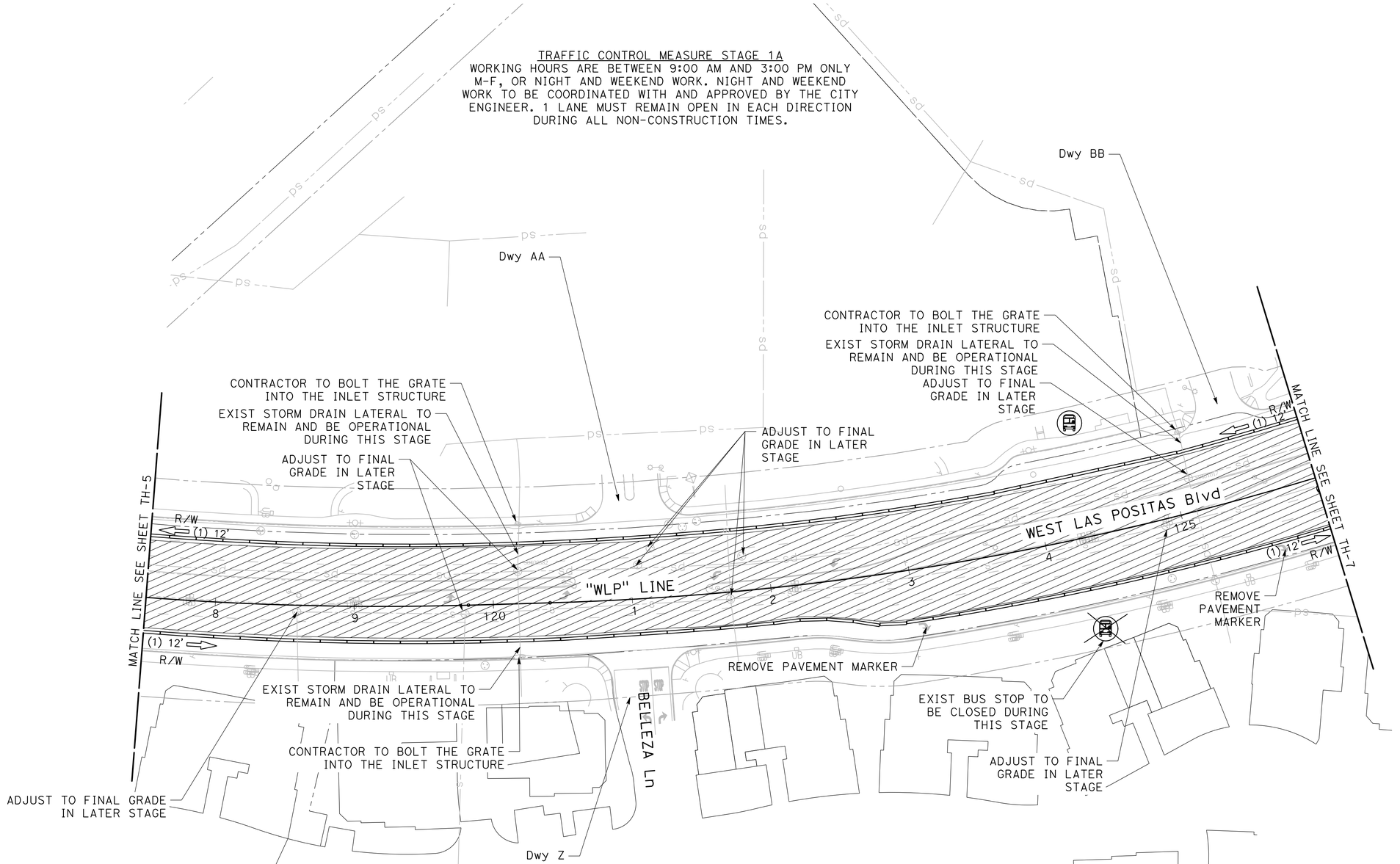

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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 1A)

SCALE:	DATE:	PIN:		SHEET:
1"=40'	5/30/2025	22-20106	TH-6	126 OF 230

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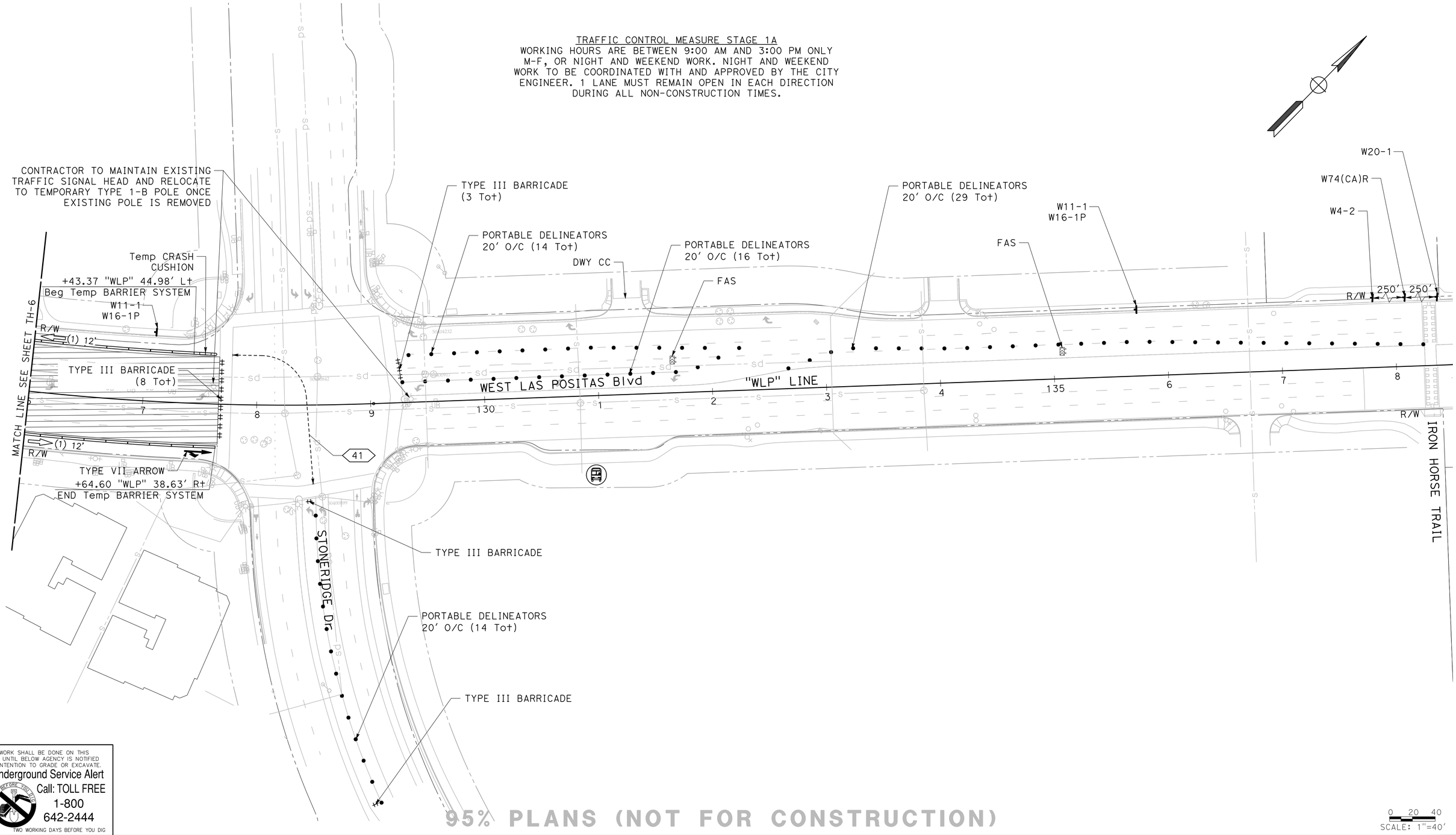

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TRAFFIC CONTROL PLAN (STAGE 1A)

SCALE:	DATE:	PIN:		SHEET:
1"=40'	5/30/2025	22-20106	TH-7	127 OF 230

TRAFFIC CONTROL MEASURE STAGE 1B

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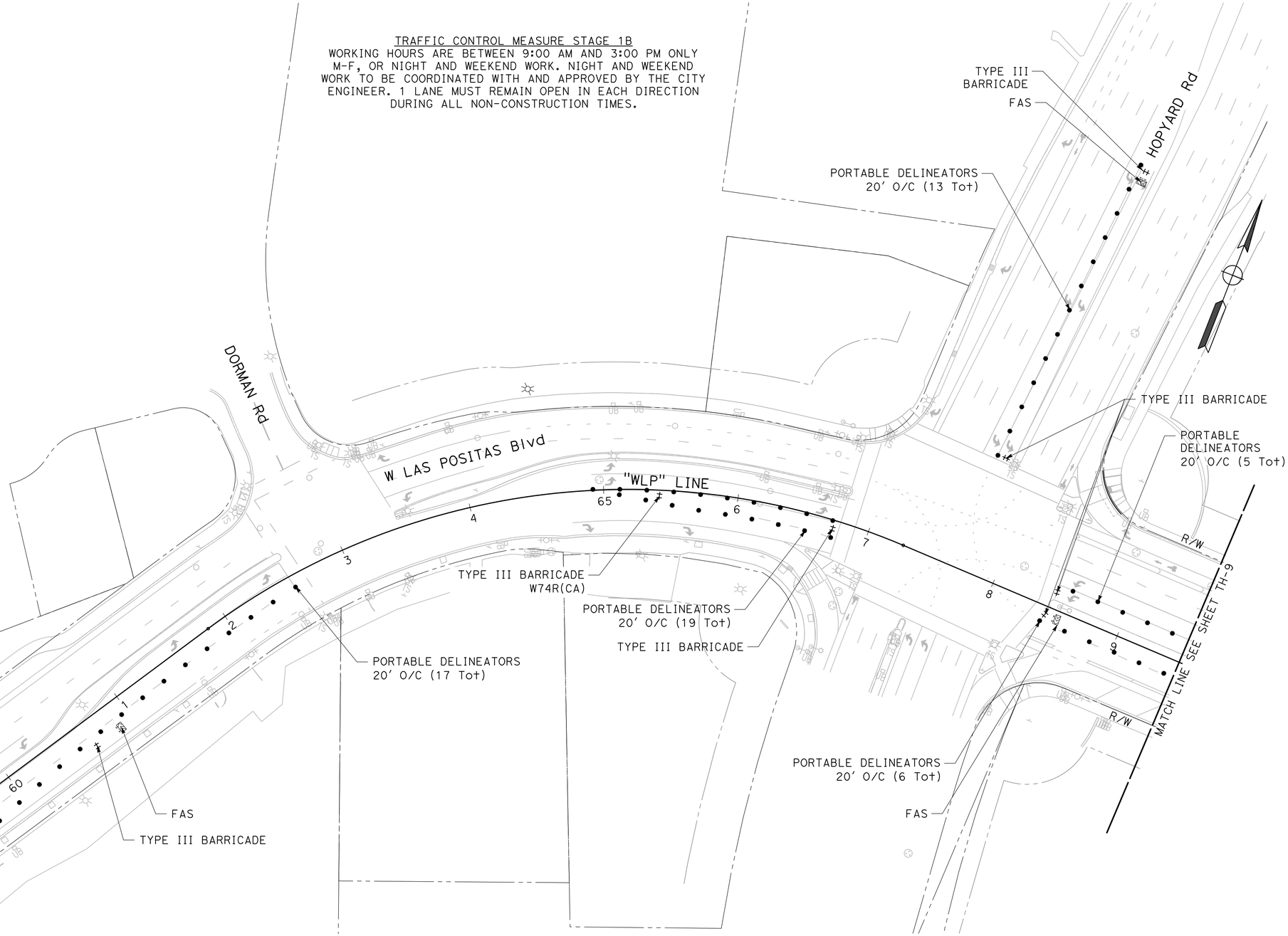

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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 1B)

SCALE:	DATE:	PIN:		SHEET:
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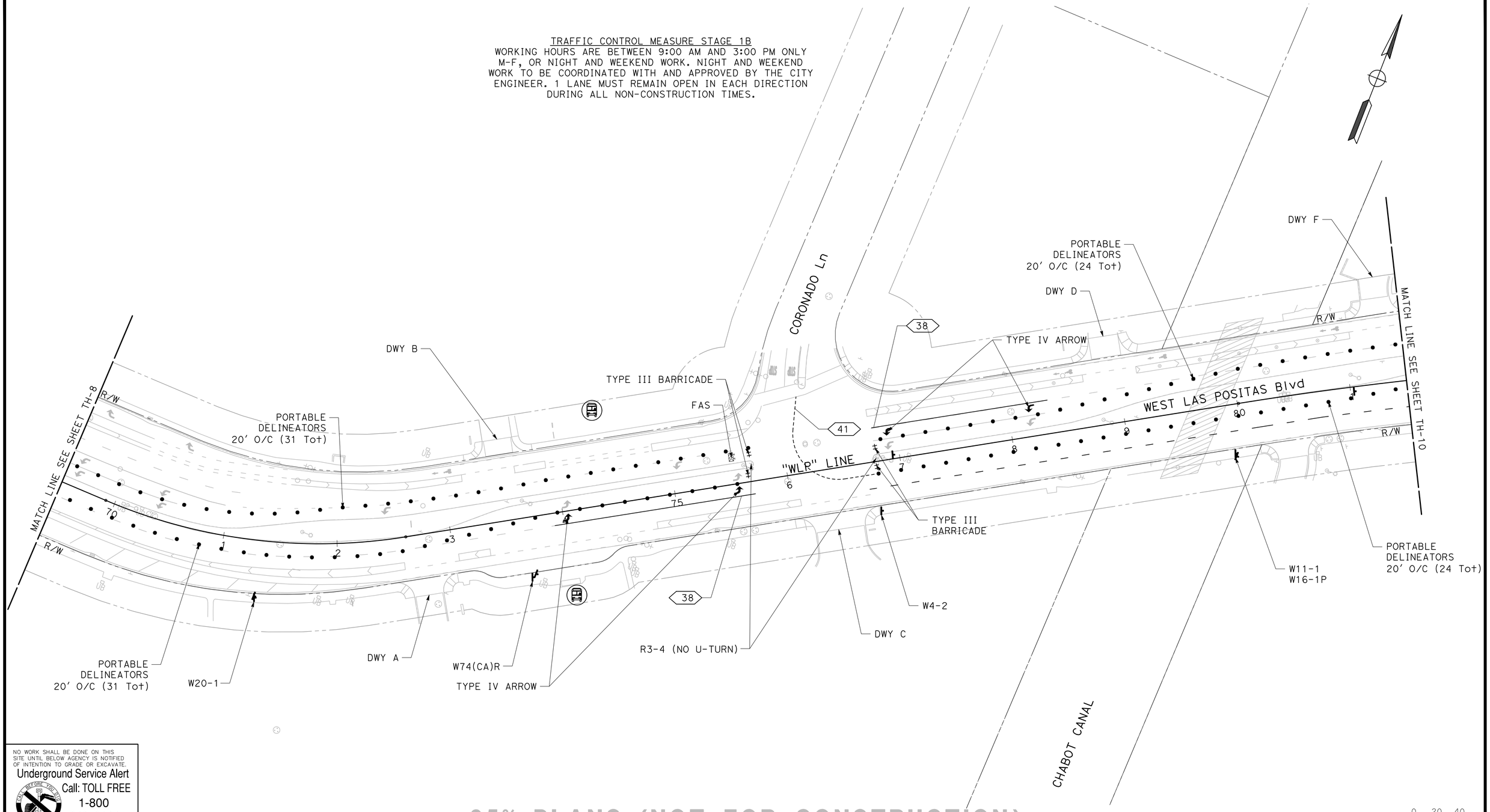

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WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
TRAFFIC CONTROL PLAN (STAGE 1B)

SCALE:	DATE:	PIN:		SHEET:
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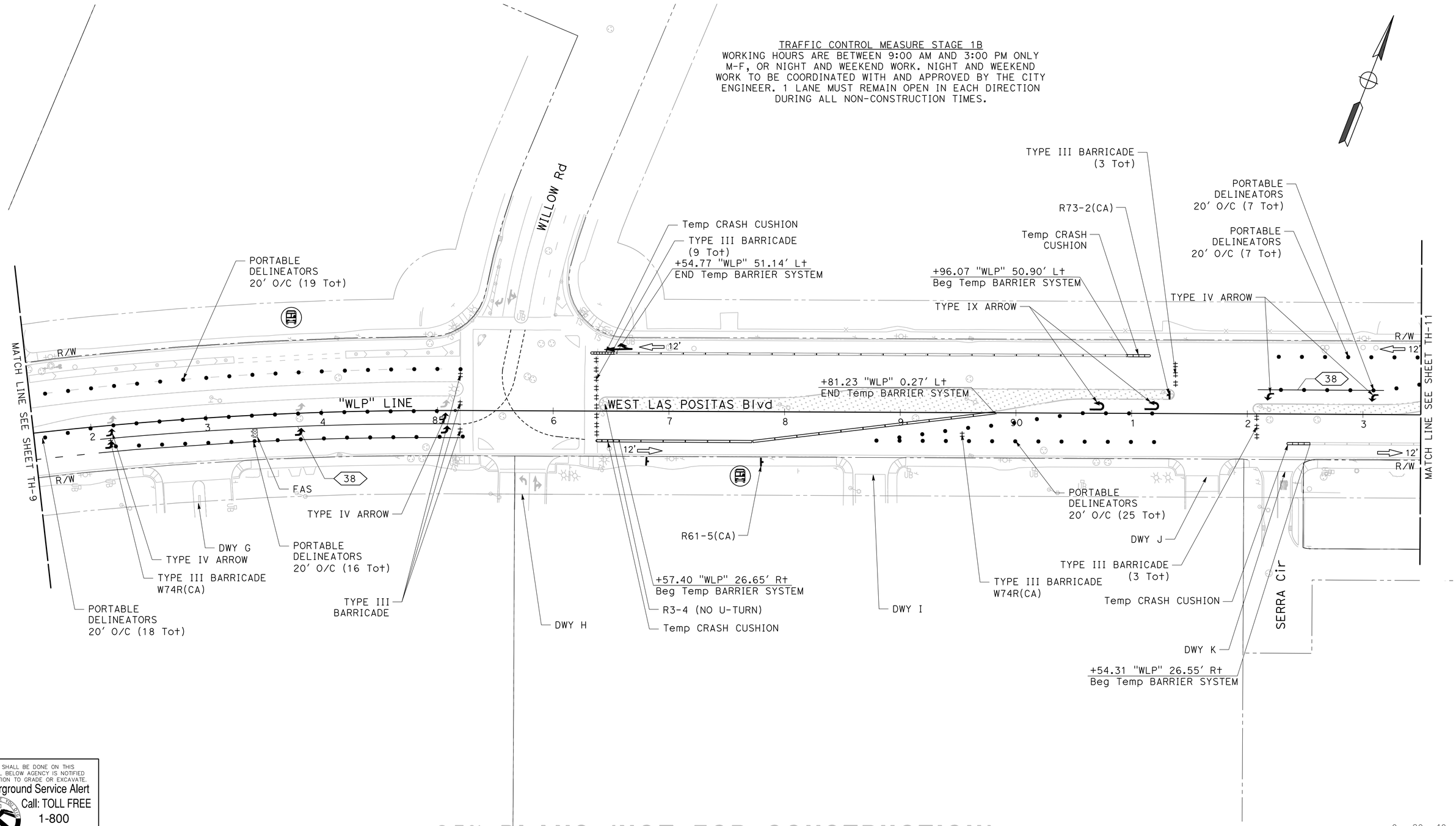

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TRAFFIC CONTROL PLAN (STAGE 1B)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-10 130 OF 230

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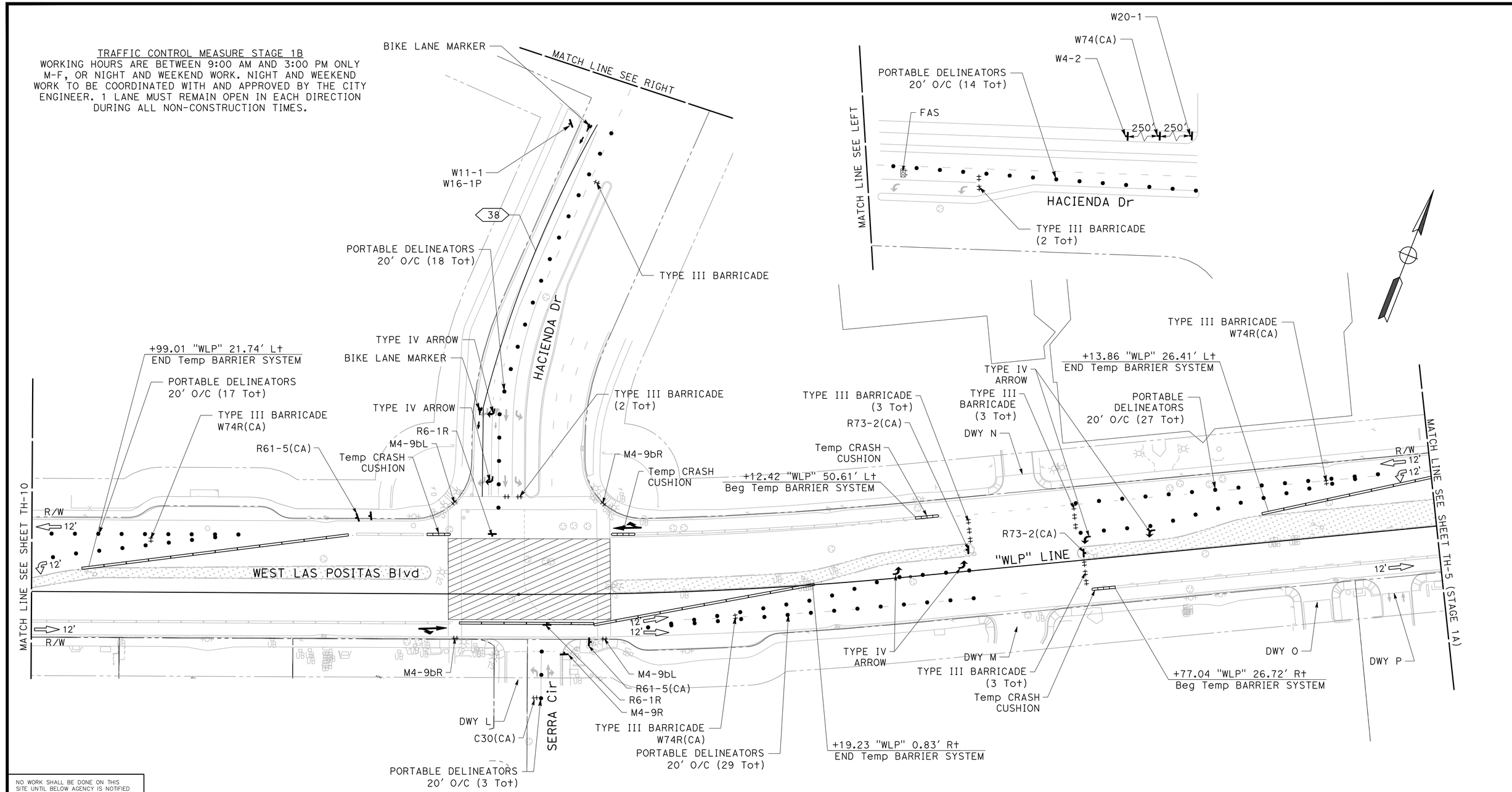

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TRAFFIC CONTROL PLAN (STAGE 1B)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-11 131 OF 230

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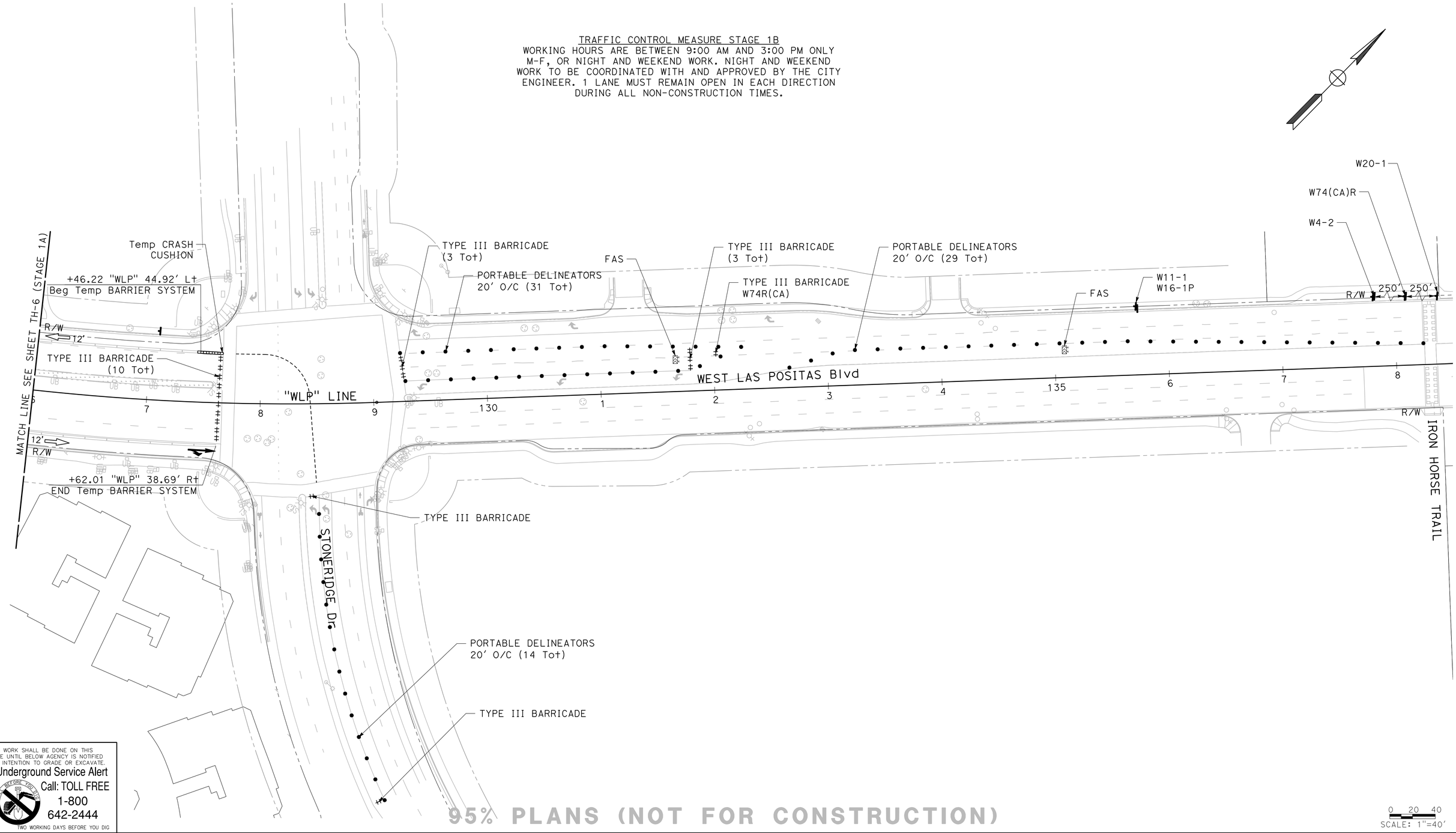

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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 1B)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-12 132 OF 230

DRIVEWAY CLOSURES	DETAILS
A	C MUST REMAIN OPEN
B	DETOUR TO HOPYARD AND CORONADO
C	A MUST REMAIN OPEN
D	DETOUR TO CORONADO
E	H,I, AND J MUST REMAIN OPEN
F	DETOUR TO WILLOW
G	H,I, AND J MUST REMAIN OPEN
H	G AND I MUST REMAIN OPEN
I	E,G, AND H MUST REMAIN OPEN
J	E,G, AND H MUST REMAIN OPEN
K	L MUST REMAIN OPEN
L	K AND N MUST REMAIN OPEN
M	DETOUR TO WILLOW
N	L AND O MUST REMAIN OPEN
O	N MUST REMAIN OPEN
P	R MUST REMAIN OPEN
Q	S MUST REMAIN OPEN
R	P MUST REMAIN OPEN
S	Q MUST REMAIN OPEN
T	W MUST REMAIN OPEN
U	R MUST REMAIN OPEN
V	R MUST REMAIN OPEN
W	T MUST REMAIN OPEN
X	DETOUR TO GIBRALTAR
Y	Z MUST REMAIN OPEN
Z	Y MUST REMAIN OPEN
AA	BB MUST REMAIN OPEN
BB	AA MUST REMAIN OPEN
CC	DETOUR TO WLP

TRAFFIC CONTROL MEASURE STAGE 2A

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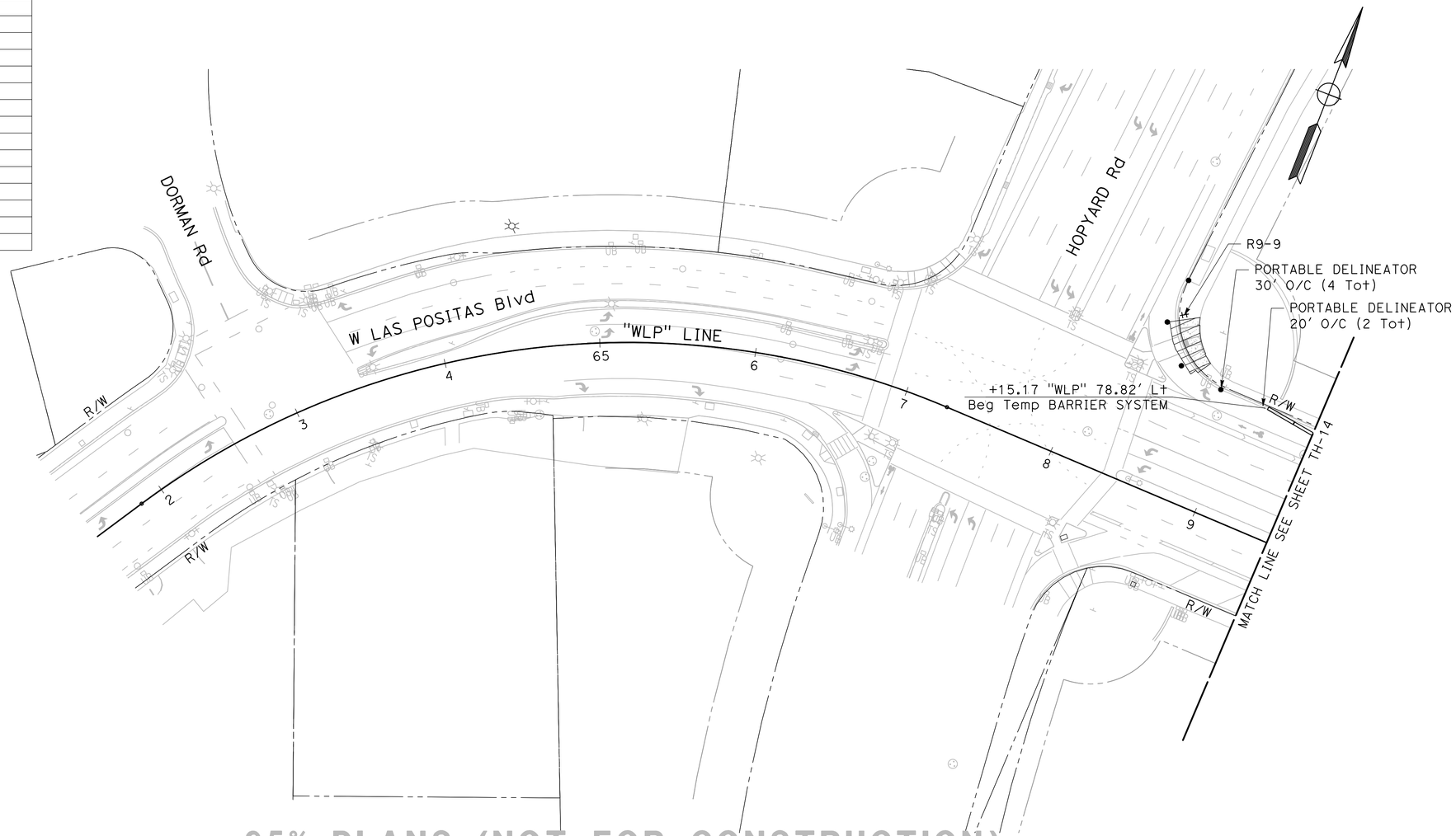

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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 2A)

SCALE:	DATE:	PIN:	SHEET:
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TRAFFIC CONTROL MEASURE STAGE 2A
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+12.06 "WLP" 144.55' Lt
END Temp BARRIER SYSTEM

+55.61 "WLP" 83.20' Lt
Beg Temp FENCE

+78.92 "WLP" 96.03' Lt
END Temp FENCE

R9-9

REMOVE TYPE IV ARROW
BEFORE BEGINNING OF STAGE 2A

DWY B

PORTABLE DELINEATORS
20' O/C (37 Tot)

REMOVE TYPE IV ARROW
BEFORE BEGINNING OF STAGE 2A

CORONADO Ln

R9-11a

REMOVE LEFT TURN
MARKING BEFORE
THE BEGINNING OF
STAGE 2A

DWY F

DWY D

MATCH LINE SEE SHEET TH-15

MATCH LINE SEE SHEET TH-13

R/W

FROM

TEMPORARY
RELOCATE
BUS STOP

TO

WEST LAS POSITAS Blvd

"WLP" LINE

(1) 17'

70

75

1 2 3 4 6 7 8 9 80 1

DWY A

REMOVE LEFT TURN
MARKING BEFORE
THE BEGINNING OF
STAGE 2A

W20-1

REMOVE LEFT TURN
MARKING BEFORE
THE BEGINNING OF
STAGE 2A

DWY C

W74(CA)L

DWY E

W4-2

PORTABLE
DELINEATOR
20' O/C
(3 Tot)

TYPE III BARRICADE
(2 Tot)

CHABOT CANAL

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ADDITIONAL NOTES:

FLAGGERS TO BE PROVIDED DURING SCHOOL DROP OFF AND PICK UP HOURS:

- MON, TUES, THURS, FRI: 7AM - 9AM, 2PM - 4PM
- WED: 8:30AM - 10AM, 2PM - 4PM

TRAFFIC CONTROL MEASURE STAGE 2A

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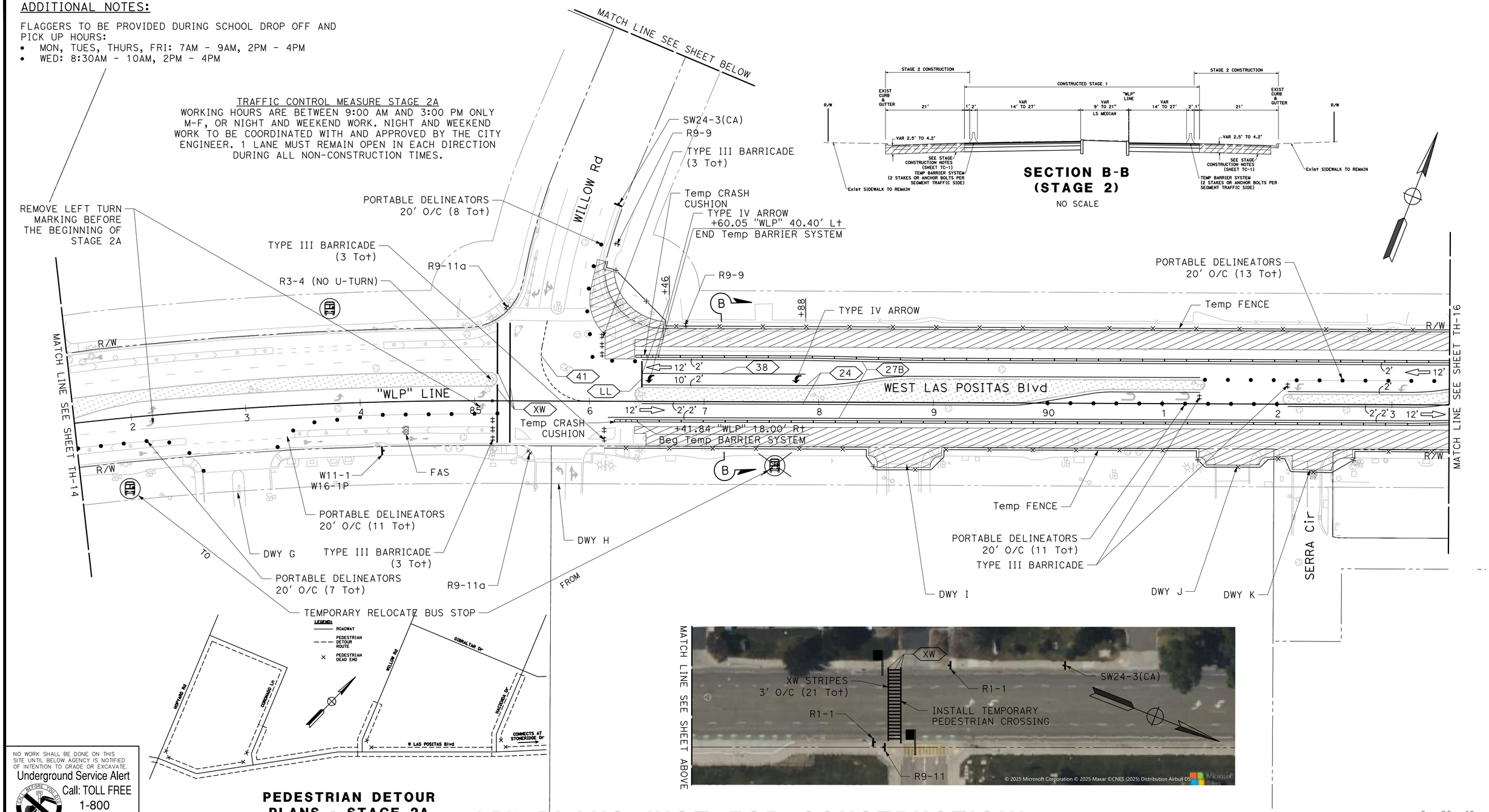
SECTION B-B (STAGE 2)

NO SCALE



PEDESTRIAN DETOUR PLANS - STAGE 2A

NO SCALE

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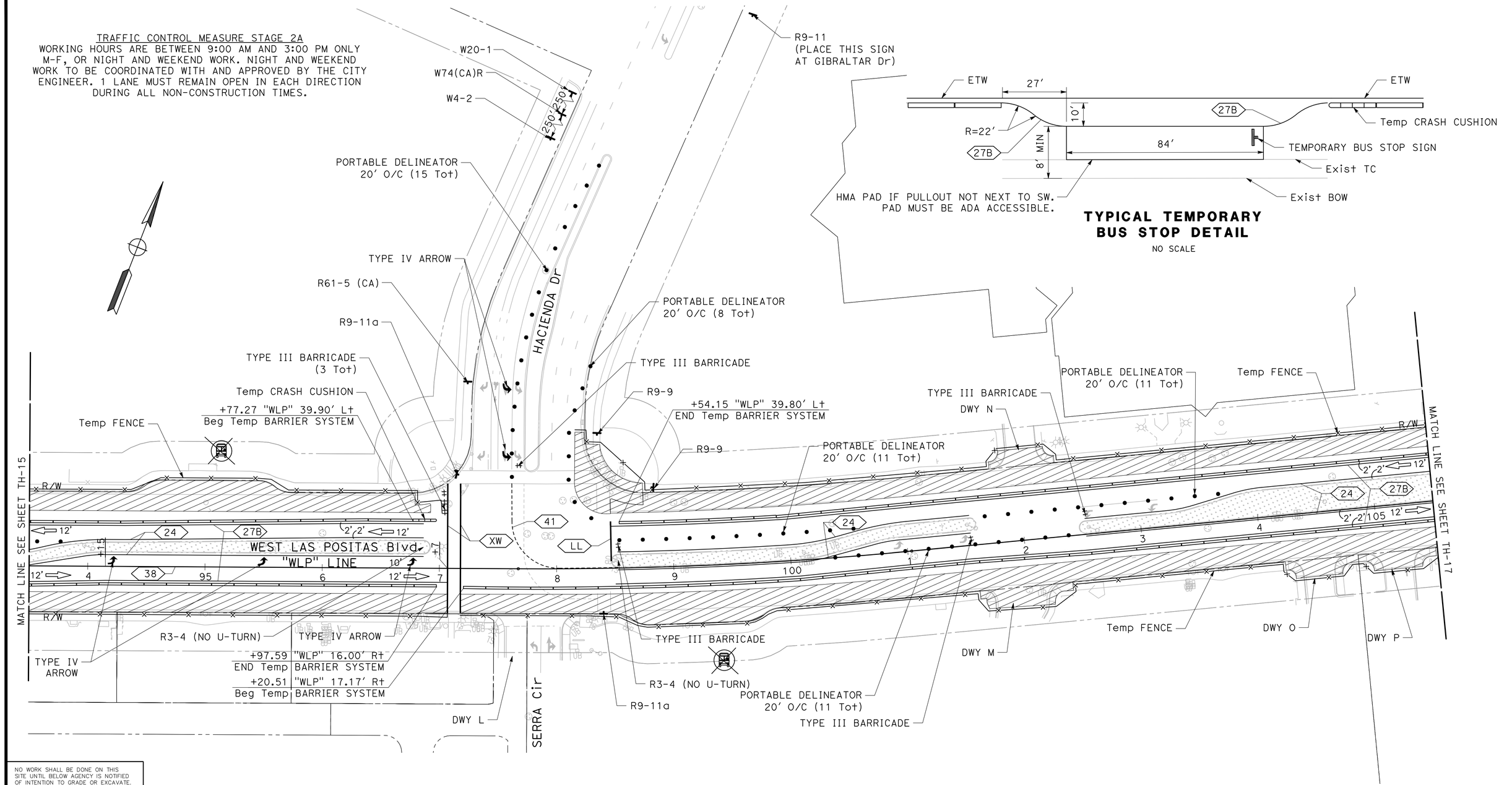

TYPICAL TEMPORARY BUS STOP DETAIL
NO SCALE

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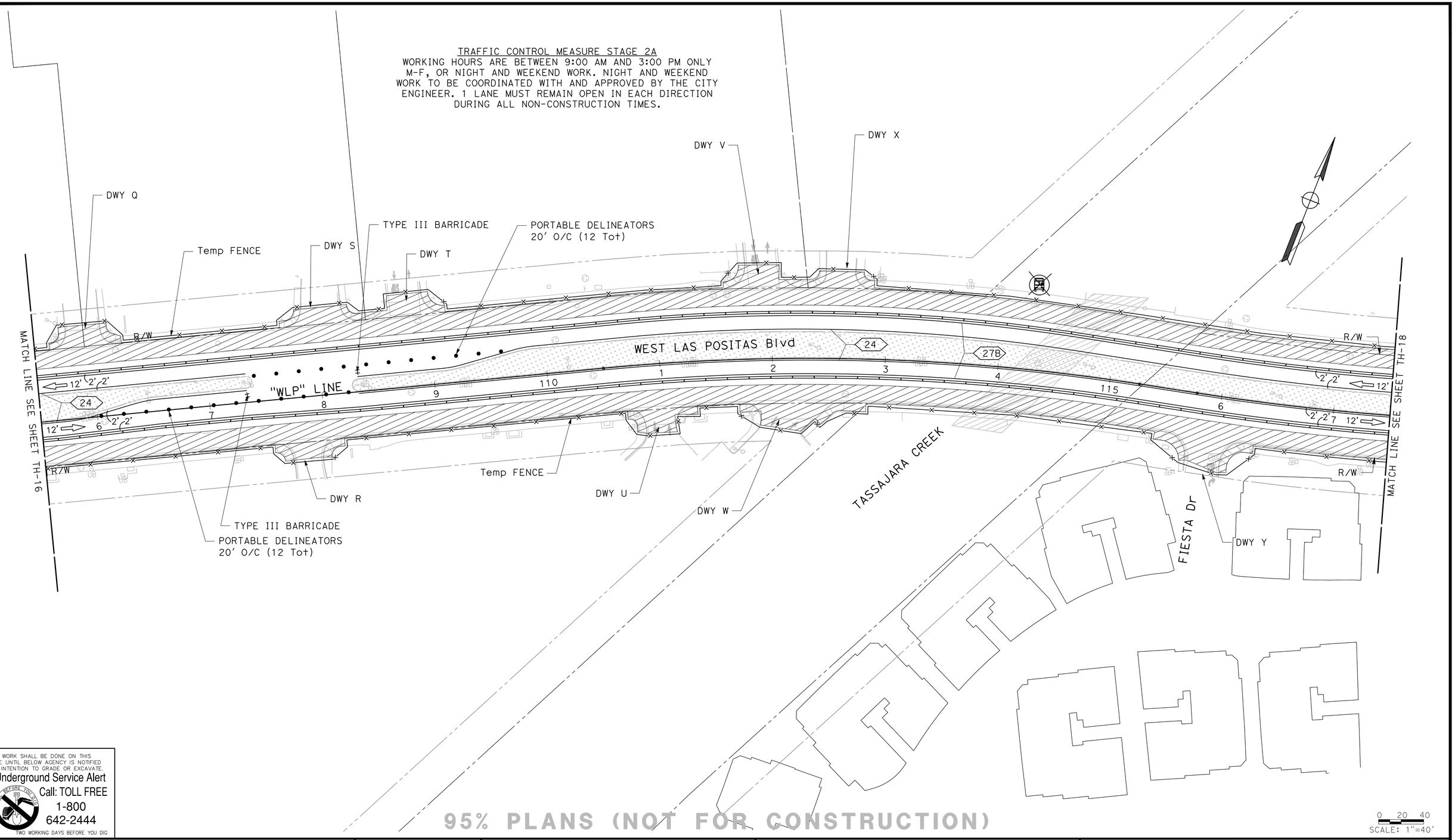
DESIGNED BY: M. TALAMAIVAO
DRAWN BY: M. HAQUE

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
TRAFFIC CONTROL PLAN (STAGE 2A)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-16 136 OF 230

TRAFFIC CONTROL MEASURE STAGE 2A
WORKING HOURS ARE BETWEEN 9:00 AM AND 3:00 PM ONLY M-F, OR NIGHT AND WEEKEND WORK. NIGHT AND WEEKEND WORK TO BE COORDINATED WITH AND APPROVED BY THE CITY ENGINEER. 1 LANE MUST REMAIN OPEN IN EACH DIRECTION DURING ALL NON-CONSTRUCTION TIMES.



NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

0 20 40
SCALE: 1"=40'

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
RACHEL WOOLDRIDGE
No. 88328
Exp. 03-31-26
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 2A)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-17 137 OF 230

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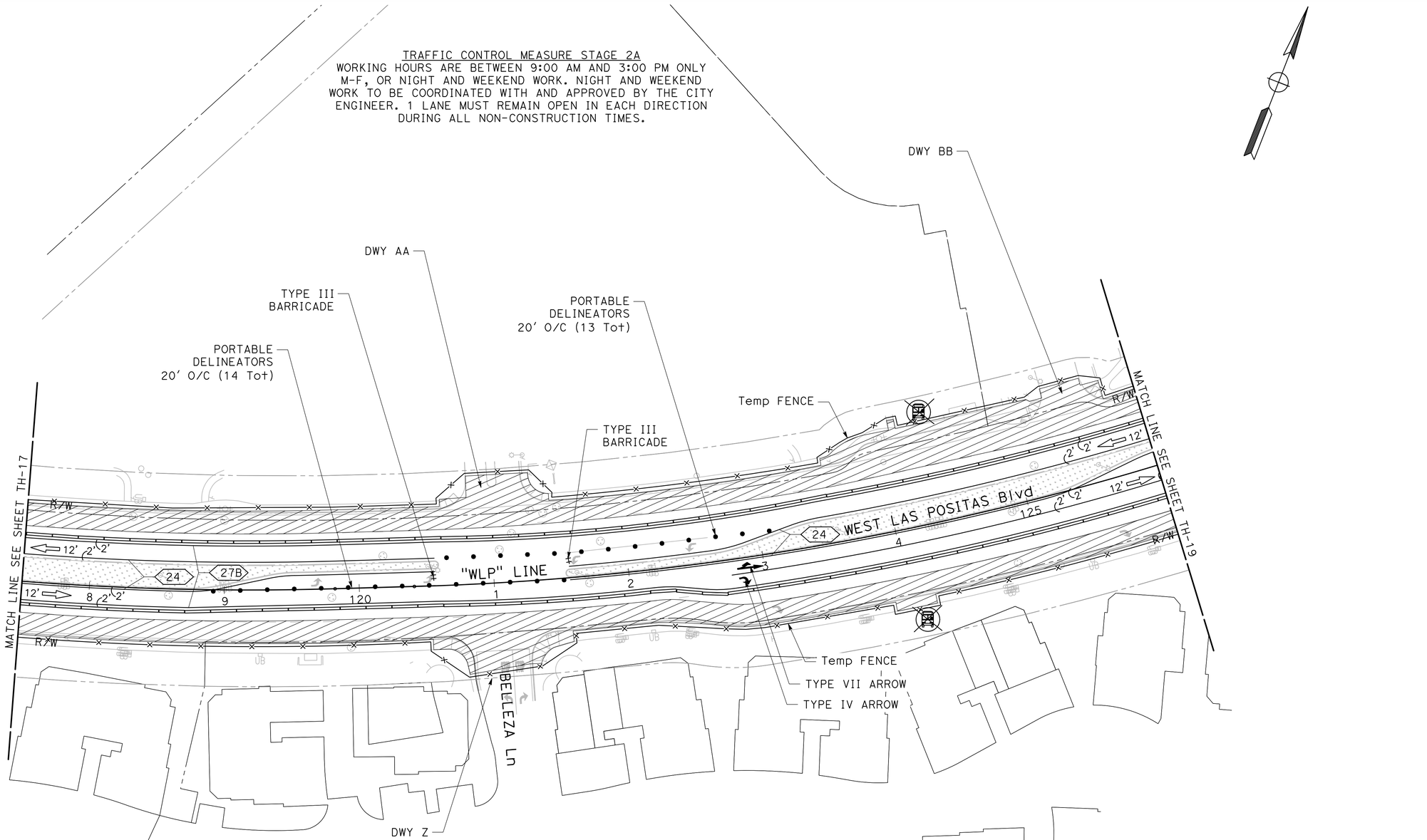

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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 2A)

SCALE:	DATE:	PIN:		SHEET:
1"=40'	5/30/2025	22-20106	TH-18	138 OF 230

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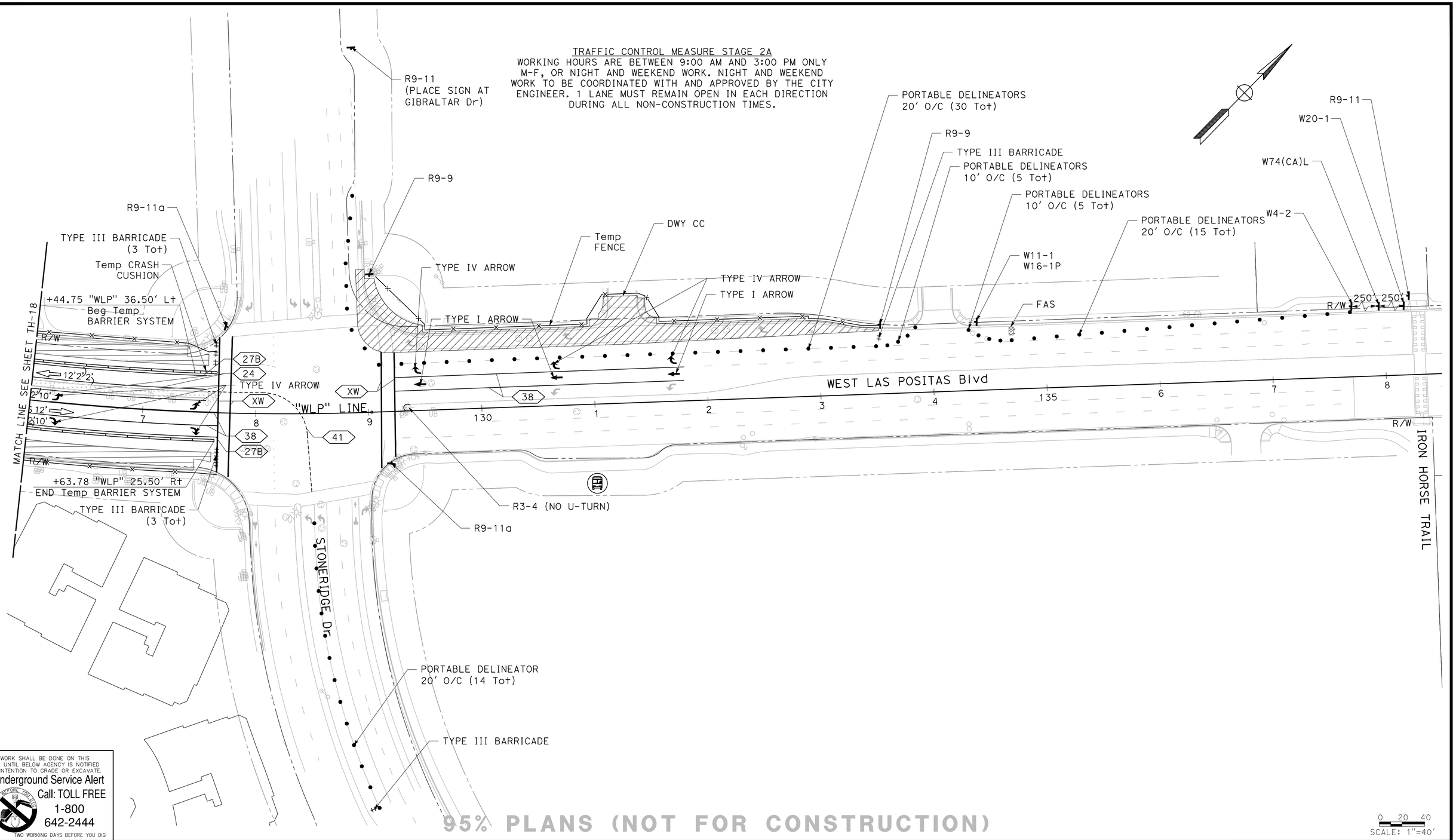

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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 2A)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-19 139 OF 230

DRIVEWAY CLOSURES	DETAILS
A	C MUST REMAIN OPEN
B	DETOUR TO HOPYARD AND CORONADO
C	A MUST REMAIN OPEN
D	DETOUR TO CORONADO
E	H,I, AND J MUST REMAIN OPEN
F	DETOUR TO WILLOW
G	H,I, AND J MUST REMAIN OPEN
H	G AND I MUST REMAIN OPEN
I	E,G, AND H MUST REMAIN OPEN
J	E,G, AND H MUST REMAIN OPEN
K	L MUST REMAIN OPEN
L	K AND N MUST REMAIN OPEN
M	DETOUR TO WILLOW
N	L AND O MUST REMAIN OPEN
O	N MUST REMAIN OPEN
P	R MUST REMAIN OPEN
Q	S MUST REMAIN OPEN
R	P MUST REMAIN OPEN
S	Q MUST REMAIN OPEN
T	W MUST REMAIN OPEN
U	R MUST REMAIN OPEN
V	R MUST REMAIN OPEN
W	T MUST REMAIN OPEN
X	DETOUR TO GIBRALTAR
Y	Z MUST REMAIN OPEN
Z	Y MUST REMAIN OPEN
AA	BB MUST REMAIN OPEN
BB	AA MUST REMAIN OPEN
CC	DETOUR TO WLP

TRAFFIC CONTROL MEASURE STAGE 2B

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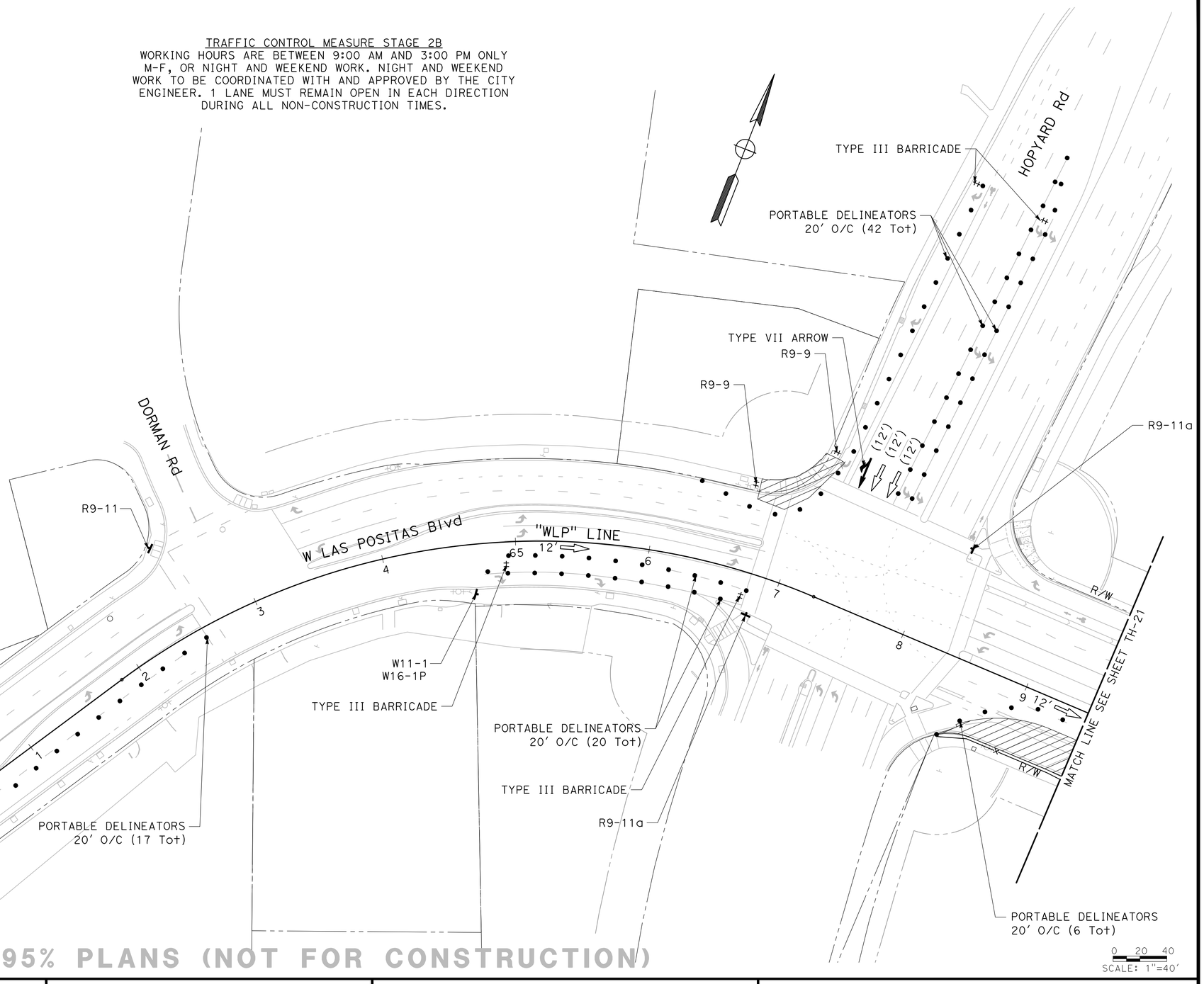

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TRAFFIC CONTROL PLAN (STAGE 2B)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-20 140 OF 230

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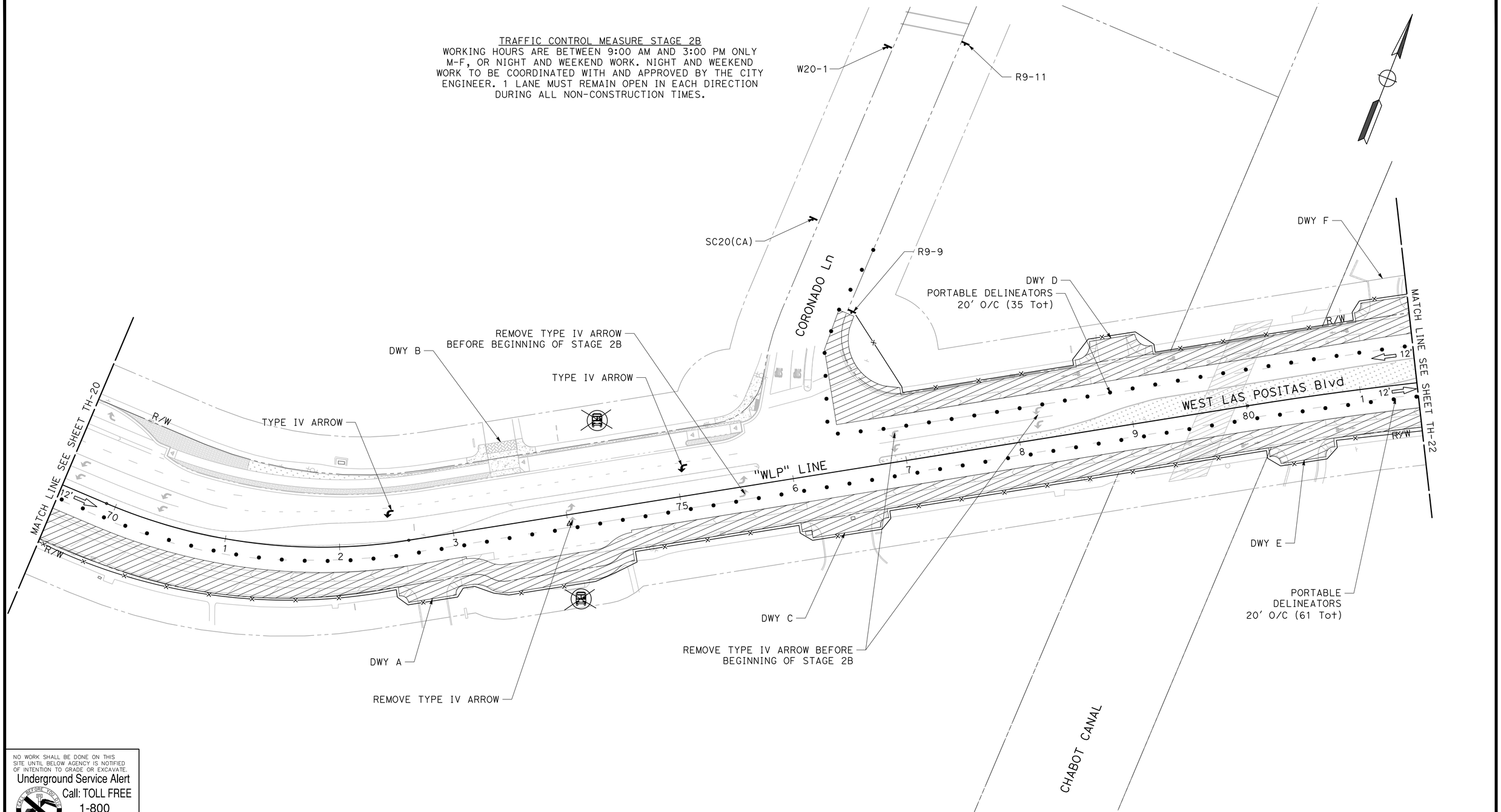

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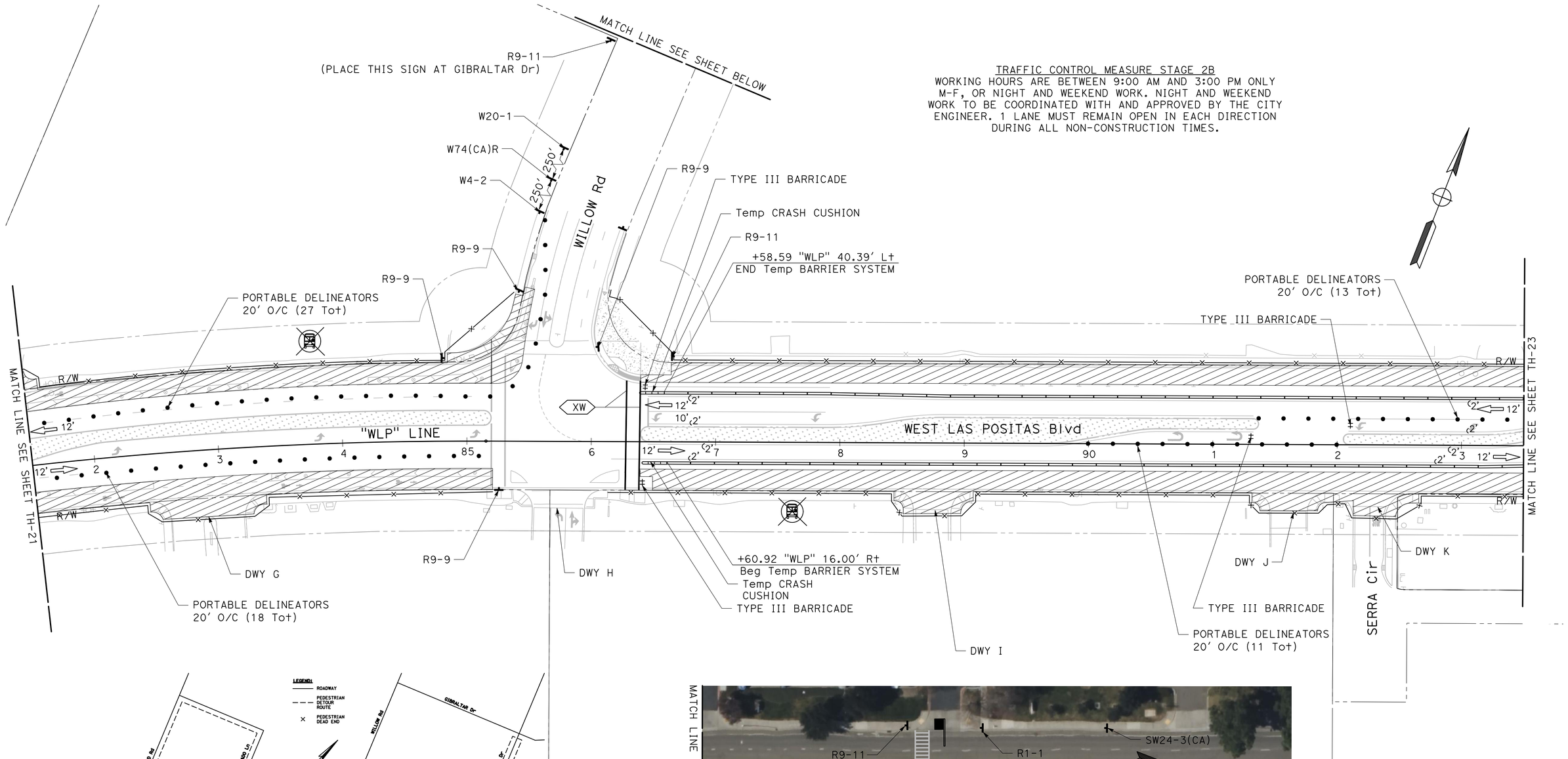

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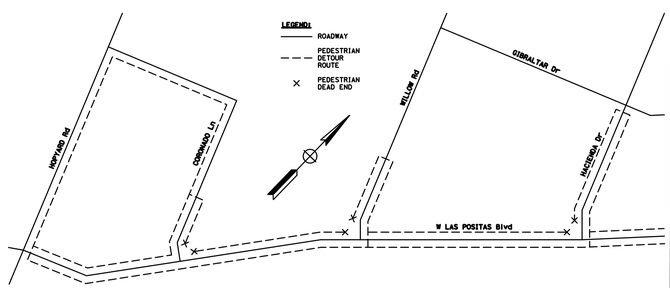
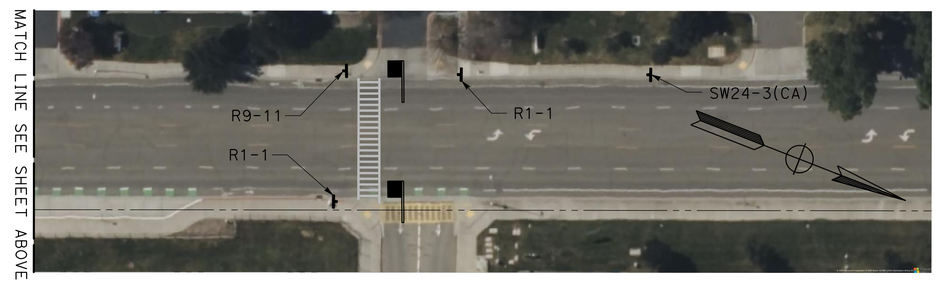


PEDESTRIAN DETOUR PLANS - STAGE 2B

NO SCALE



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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 2B)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-22 142 OF 230

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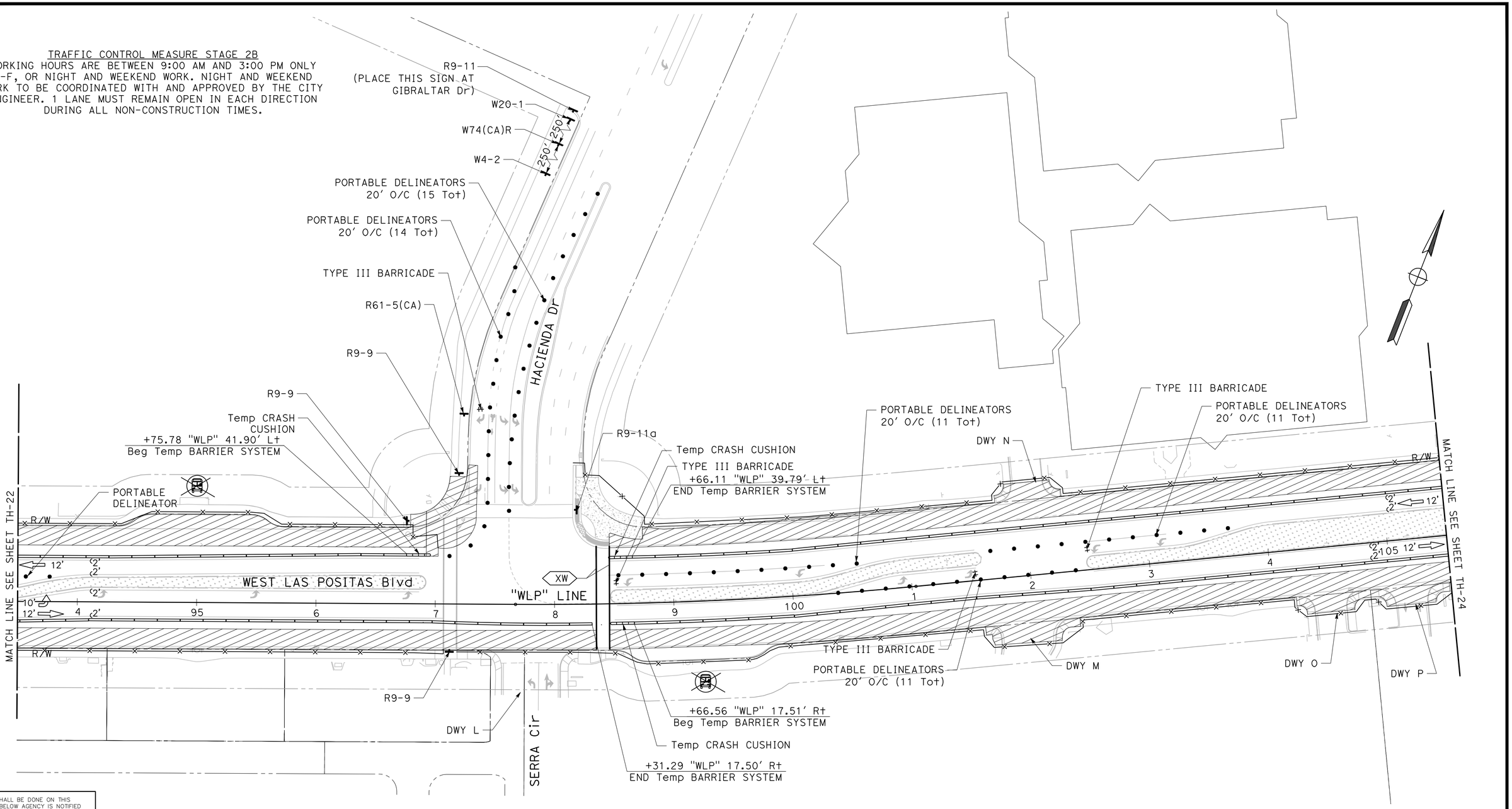

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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 2B)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-23 143 OF 230

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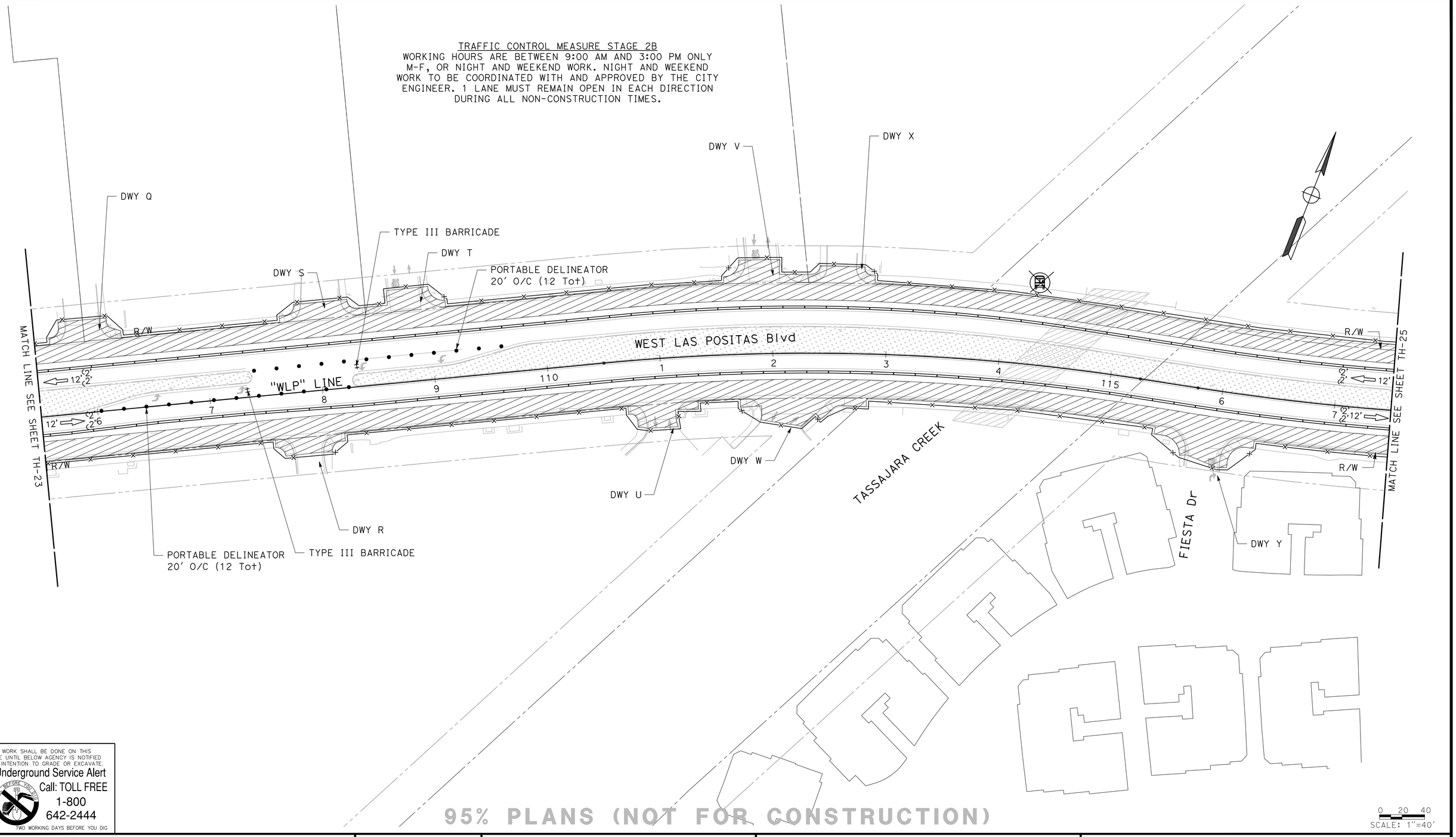

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SCALE:	DATE:	PIN:	SHEET:
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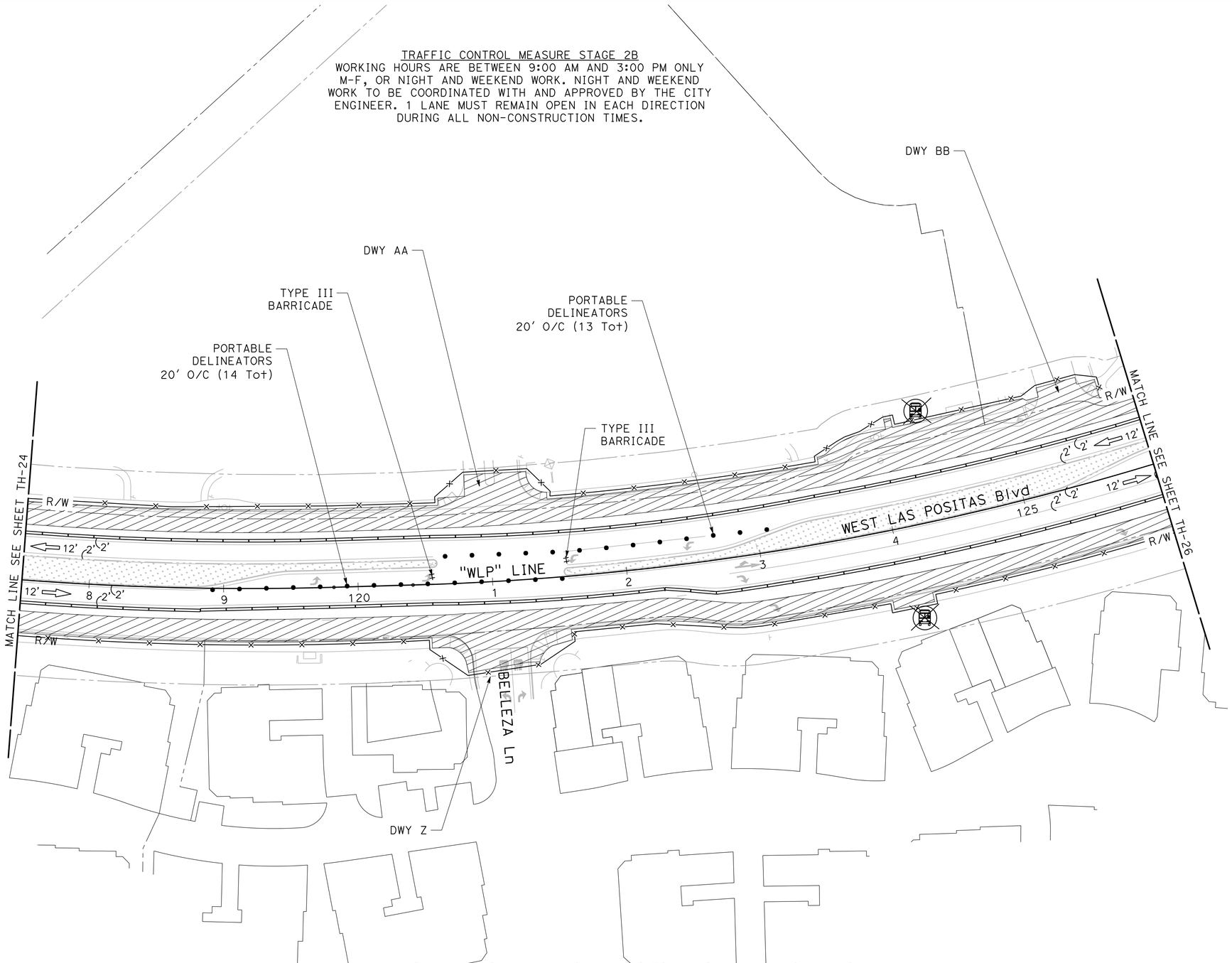

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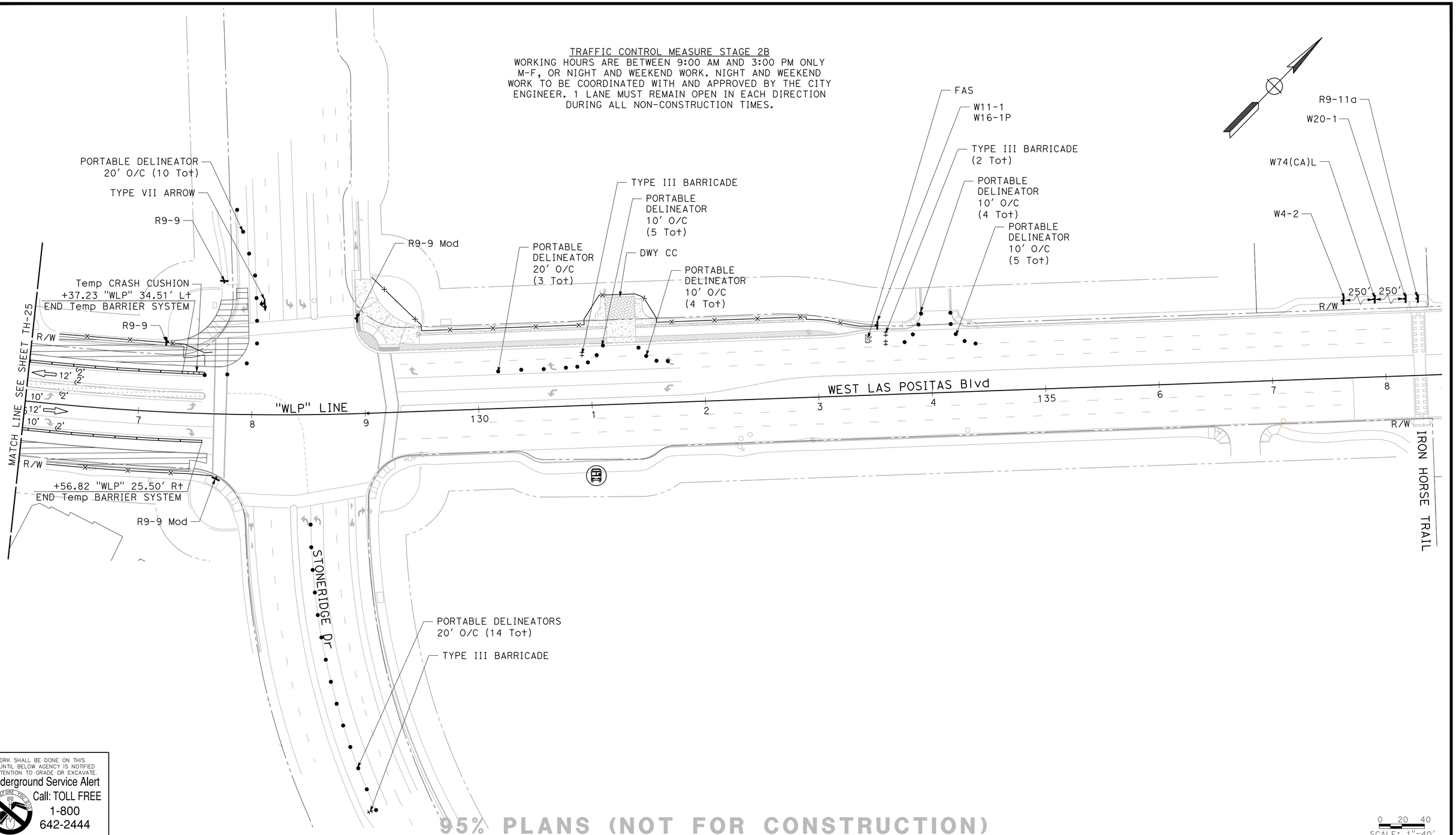

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V	R MUST REMAIN OPEN
W	T MUST REMAIN OPEN
X	DETOUR TO GIBRALTAR
Y	Z MUST REMAIN OPEN
Z	Y MUST REMAIN OPEN
AA	BB MUST REMAIN OPEN
BB	AA MUST REMAIN OPEN
CC	DETOUR TO WLP

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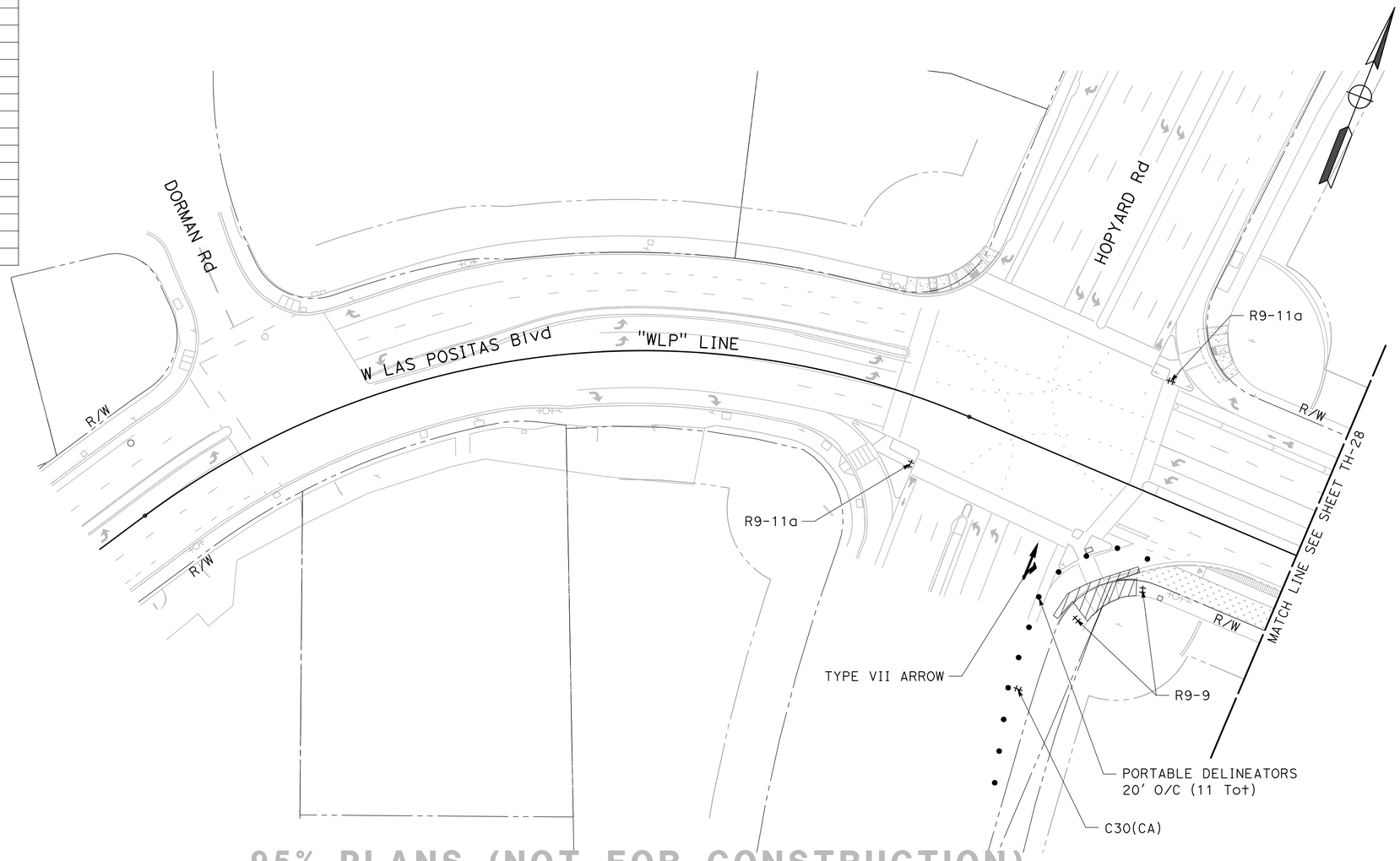

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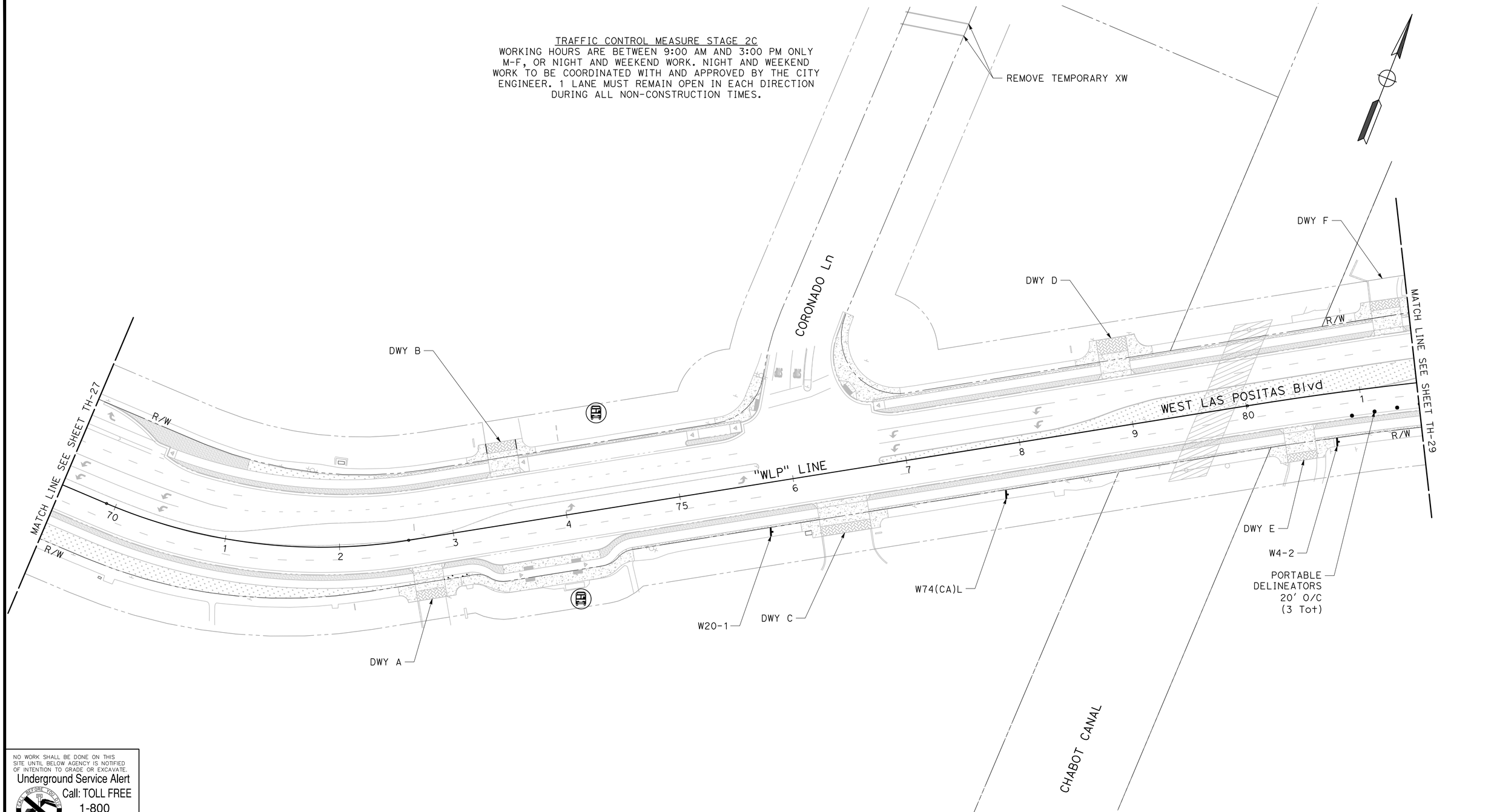

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MATCH LINE SEE SHEET BELOW

WILLOW Rd

+47.43 "WLP" 38.65' Lt
END Temp BARRIER SYSTEM

PORTABLE DELINEATORS
20' O/C (13 Tot)

TYPE III BARRICADE

R/W

MATCH LINE SEE SHEET TH-30

PORTABLE DELINEATORS
20' O/C (9 Tot)

R9-11a

XW

"WLP" LINE

WEST LAS POSITAS Blvd

12' 2' 10' 2' 12' 2' 2' 12'

2 3 4 85 6 7 8 9 90 1 2 3

MATCH LINE SEE SHEET TH-28

W11-1
W16-1p
FAS

R9-9

+61.87 "WLP" 16.06' Rt
Beg Temp BARRIER SYSTEM

Temp CRASH CUSHION

TYPE III BARRICADE
(3 Tot)

R9-11a

R9-11a

TYPE III BARRICADE

PORTABLE DELINEATORS
20' O/C (11 Tot)

PORTABLE DELINEATORS
10' O/C (2 Tot)

DWY G

PORTABLE DELINEATORS
20' O/C (8 Tot)

DWY H

DWY I

DWY J

SERRA Cir

DWY K

PORTABLE DELINEATORS
10' O/C (3 Tot)

PORTABLE DELINEATORS
20' O/C (4 Tot)

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Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

0 20 40
SCALE: 1"=40'

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
RACHEL WOOLDRIDGE
No. 88328
Exp. 03-31-26
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

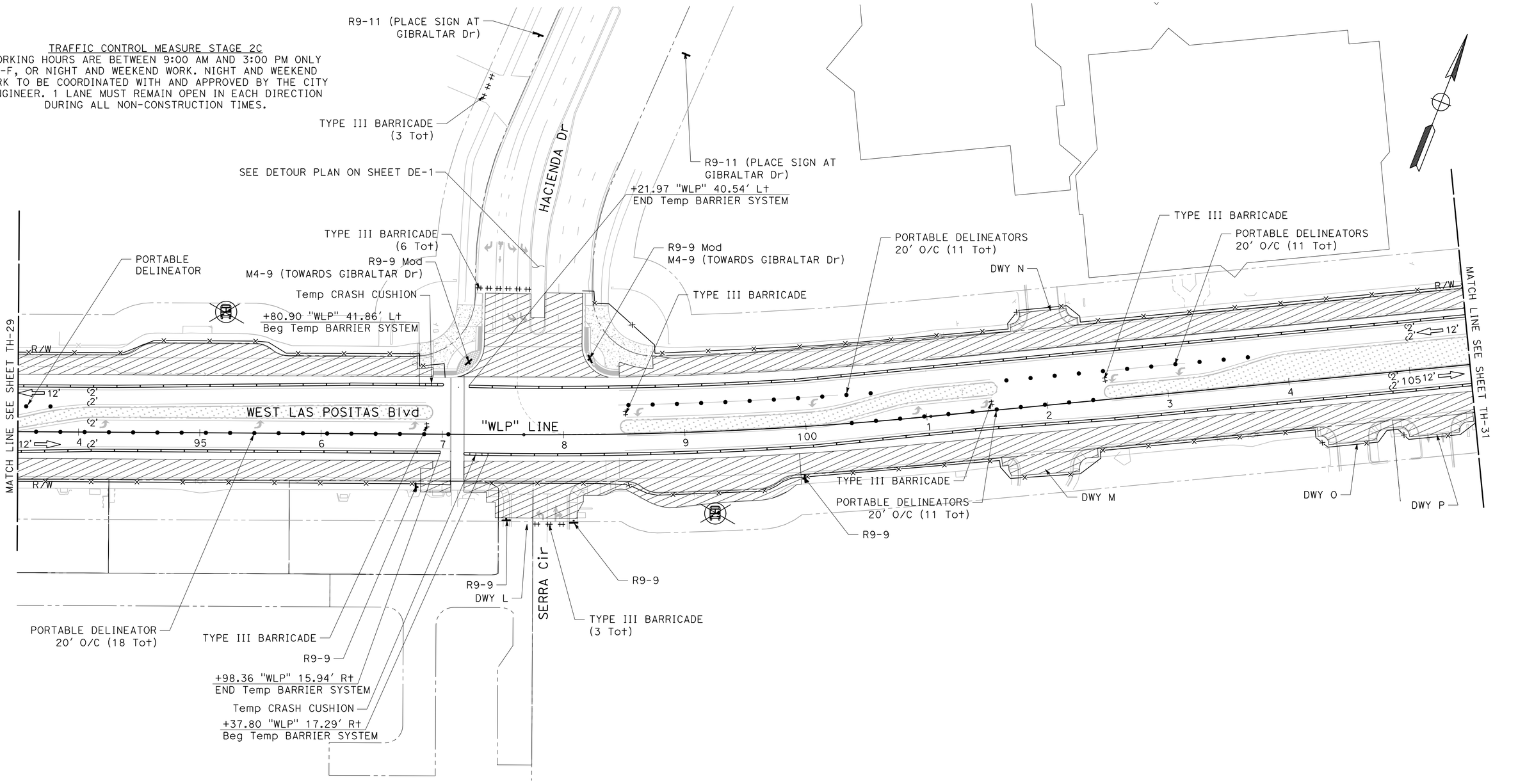
REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: M. TALAMAIVAO
DRAWN BY: M. HAQUE

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
TRAFFIC CONTROL PLAN (STAGE 2C)

SCALE:	DATE:	PIN:		SHEET:
1"=40'	5/30/2025	22-20106	TH-29	149 OF 230

TRAFFIC CONTROL MEASURE STAGE 2C
WORKING HOURS ARE BETWEEN 9:00 AM AND 3:00 PM ONLY M-F, OR NIGHT AND WEEKEND WORK. NIGHT AND WEEKEND WORK TO BE COORDINATED WITH AND APPROVED BY THE CITY ENGINEER. 1 LANE MUST REMAIN OPEN IN EACH DIRECTION DURING ALL NON-CONSTRUCTION TIMES.



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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 2C)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-30 150 OF 230

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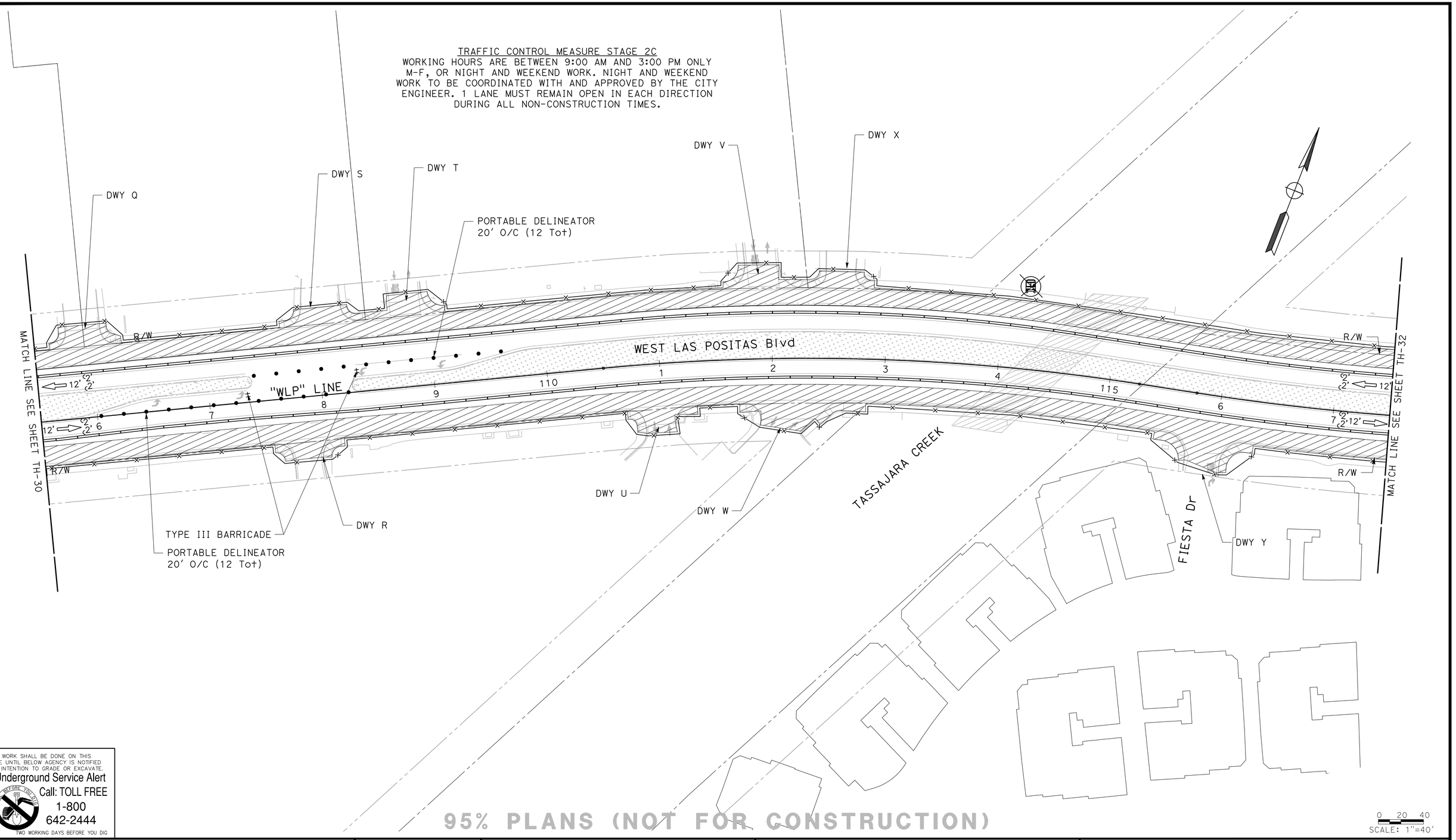

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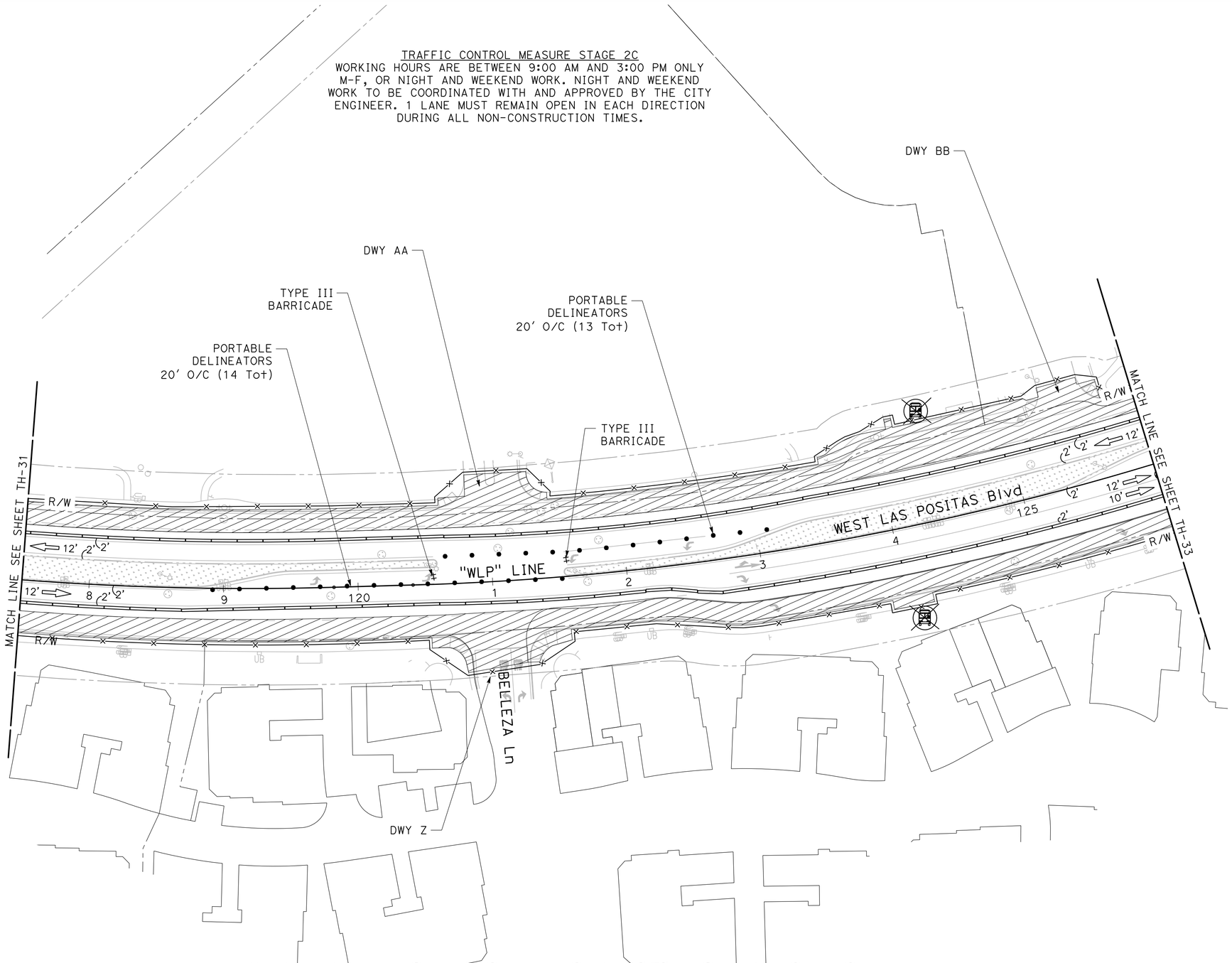

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TRAFFIC CONTROL PLAN (STAGE 2C)

SCALE:	DATE:	PIN:	SHEET:
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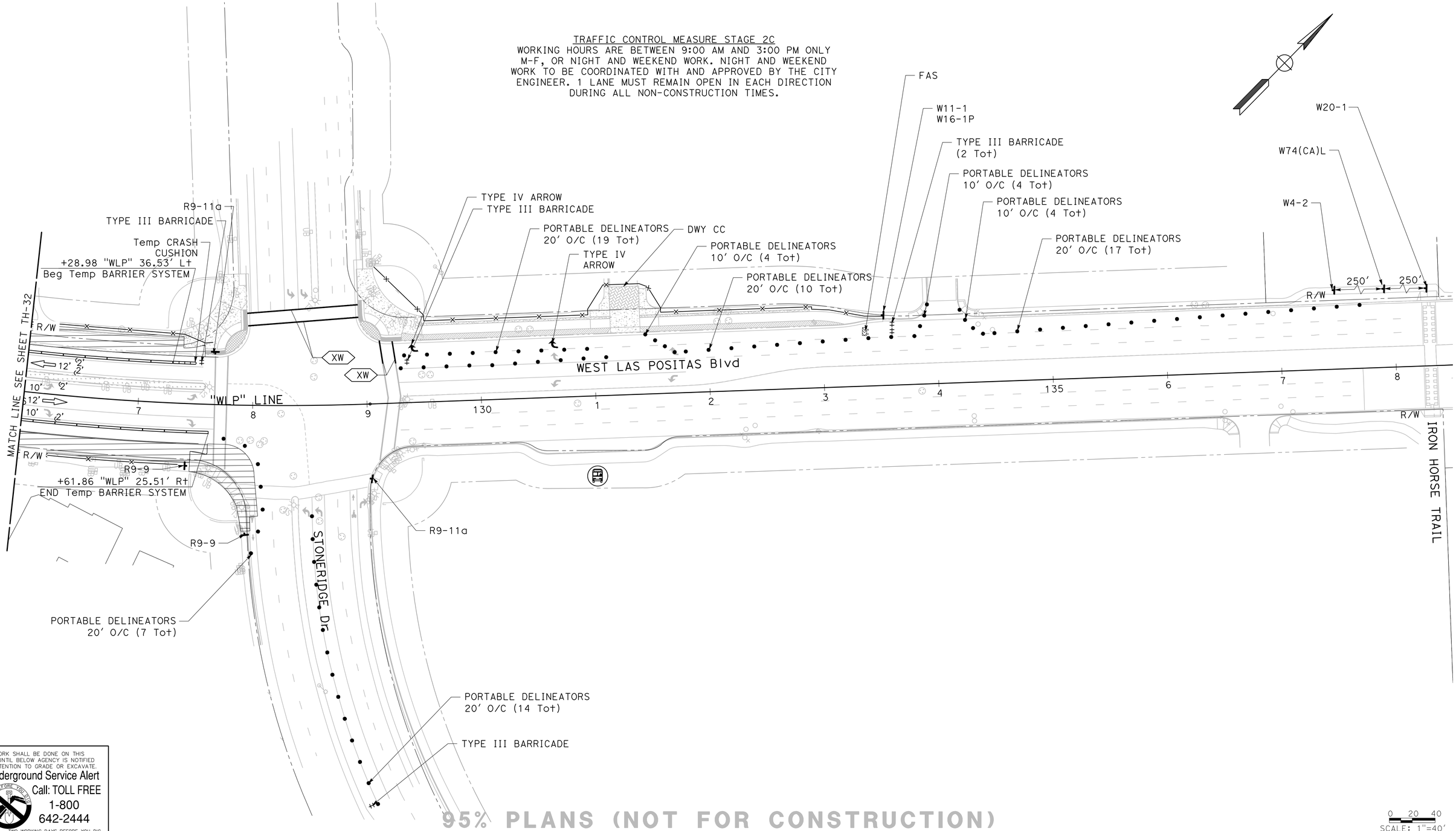

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SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-33 153 OF 230

DRIVEWAY CLOSURES	DETAILS
A	C MUST REMAIN OPEN
B	DETOUR TO HOPYARD AND CORONADO
C	A MUST REMAIN OPEN
D	DETOUR TO CORONADO
E	H,I, AND J MUST REMAIN OPEN
F	DETOUR TO WILLOW
G	H,I, AND J MUST REMAIN OPEN
H	G AND I MUST REMAIN OPEN
I	E,G, AND H MUST REMAIN OPEN
J	E,G, AND H MUST REMAIN OPEN
K	L MUST REMAIN OPEN
L	K AND N MUST REMAIN OPEN
M	DETOUR TO WILLOW
N	L AND O MUST REMAIN OPEN
O	N MUST REMAIN OPEN
P	R MUST REMAIN OPEN
Q	S MUST REMAIN OPEN
R	P MUST REMAIN OPEN
S	Q MUST REMAIN OPEN
T	W MUST REMAIN OPEN
U	R MUST REMAIN OPEN
V	R MUST REMAIN OPEN
W	T MUST REMAIN OPEN
X	DETOUR TO GIBRALTAR
Y	Z MUST REMAIN OPEN
Z	Y MUST REMAIN OPEN
AA	BB MUST REMAIN OPEN
BB	AA MUST REMAIN OPEN
CC	DETOUR TO WLP

TRAFFIC CONTROL MEASURE STAGE 2D

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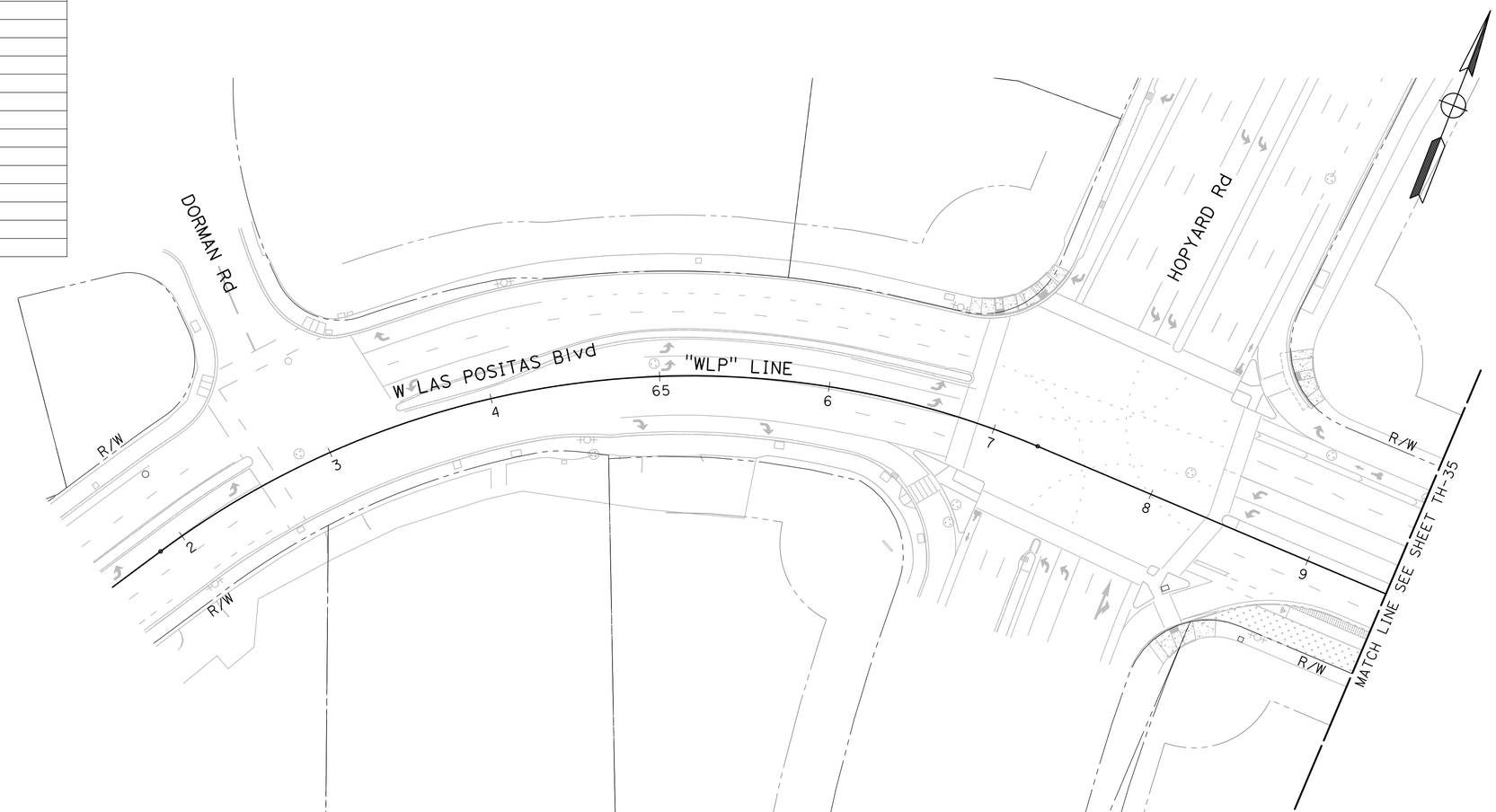

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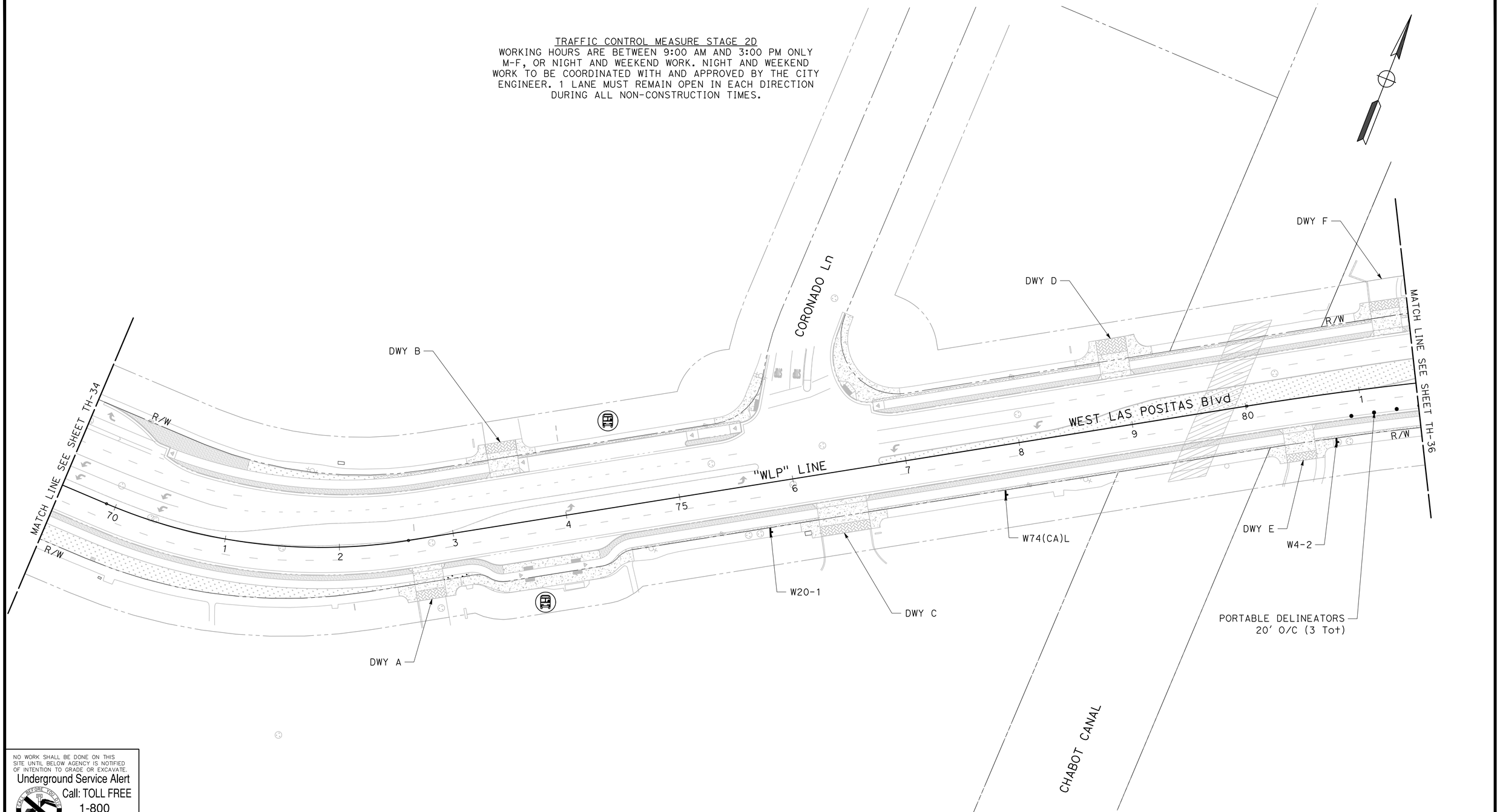

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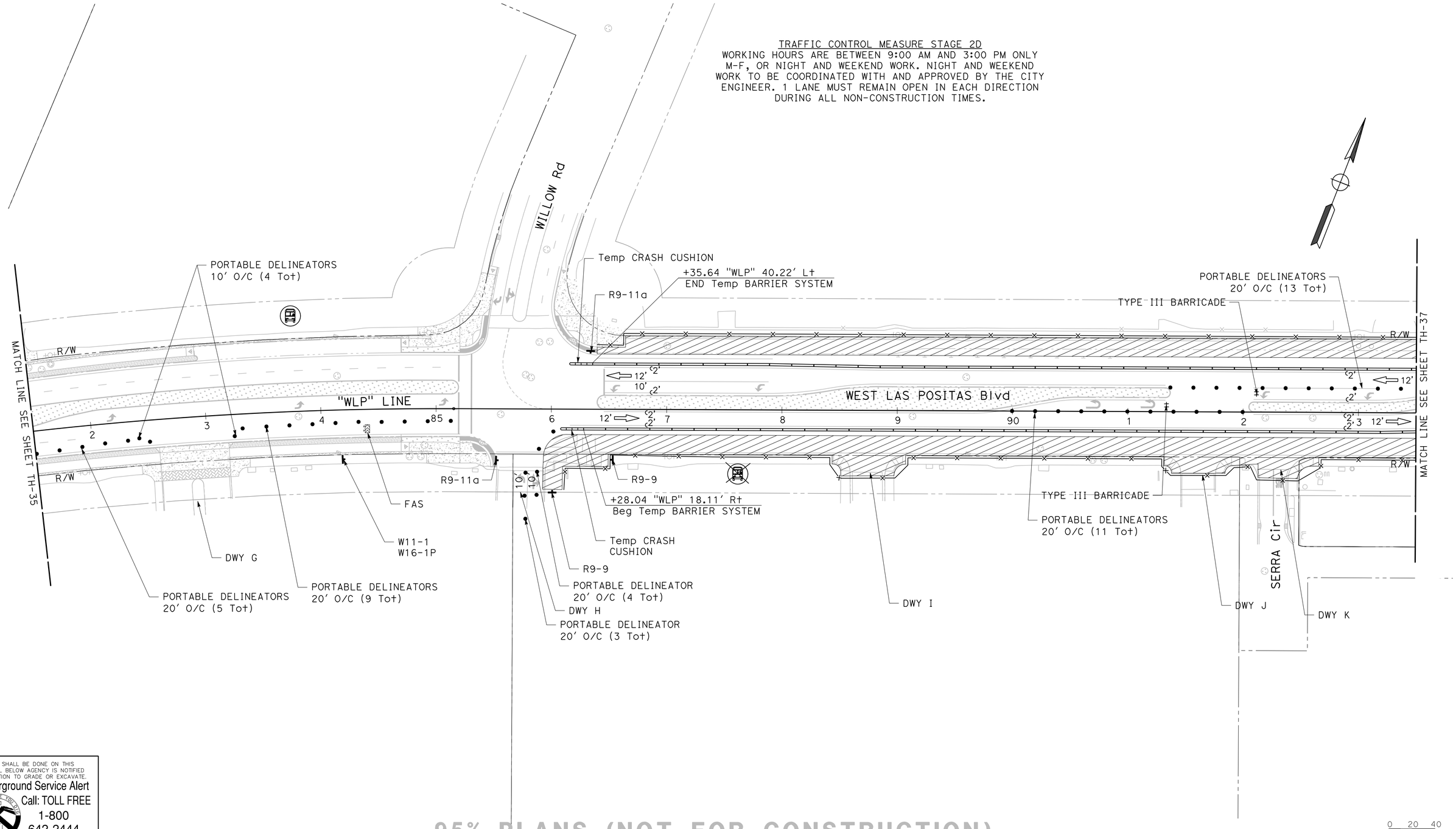

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TRAFFIC CONTROL PLAN (STAGE 2D)

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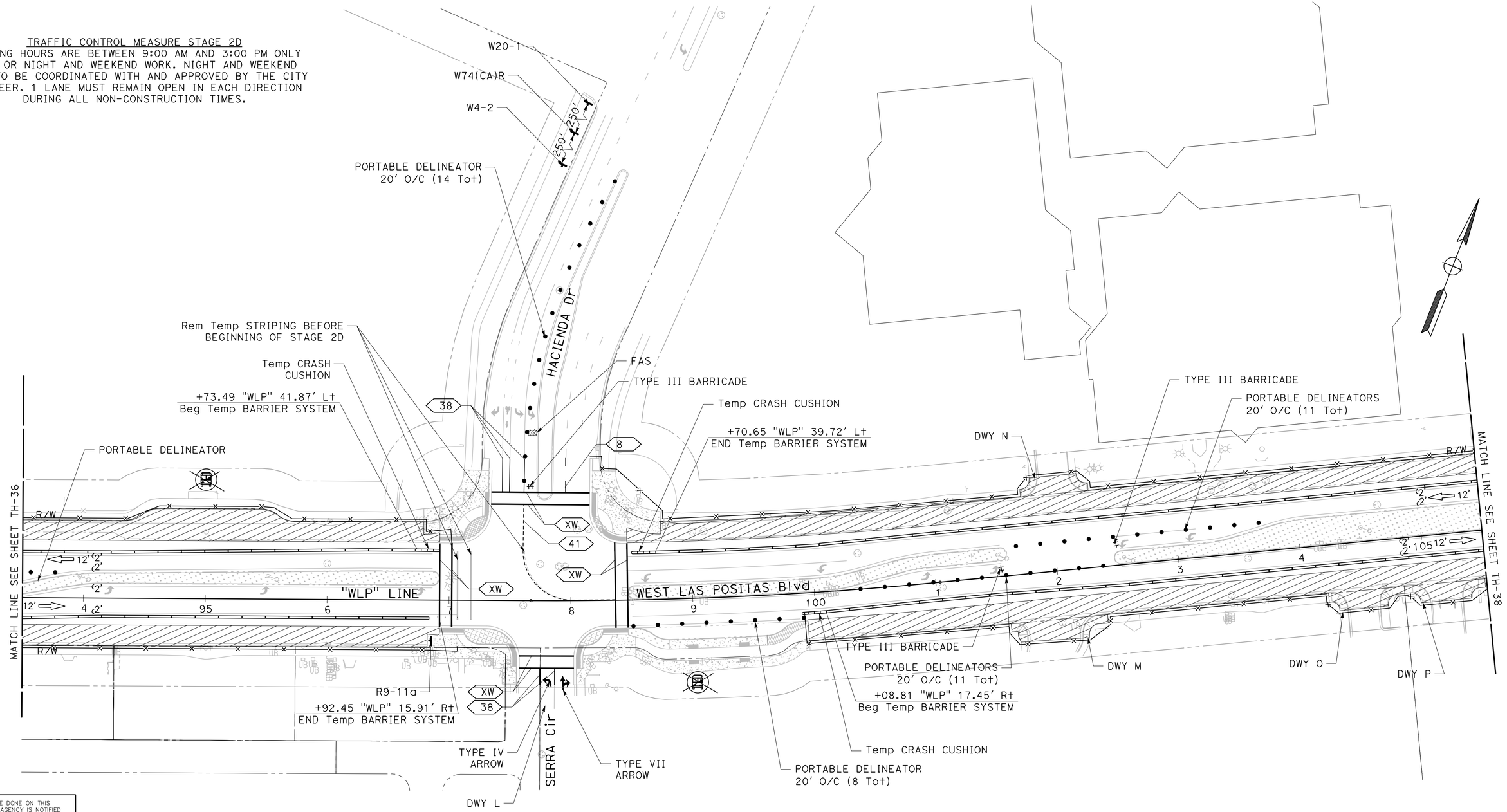

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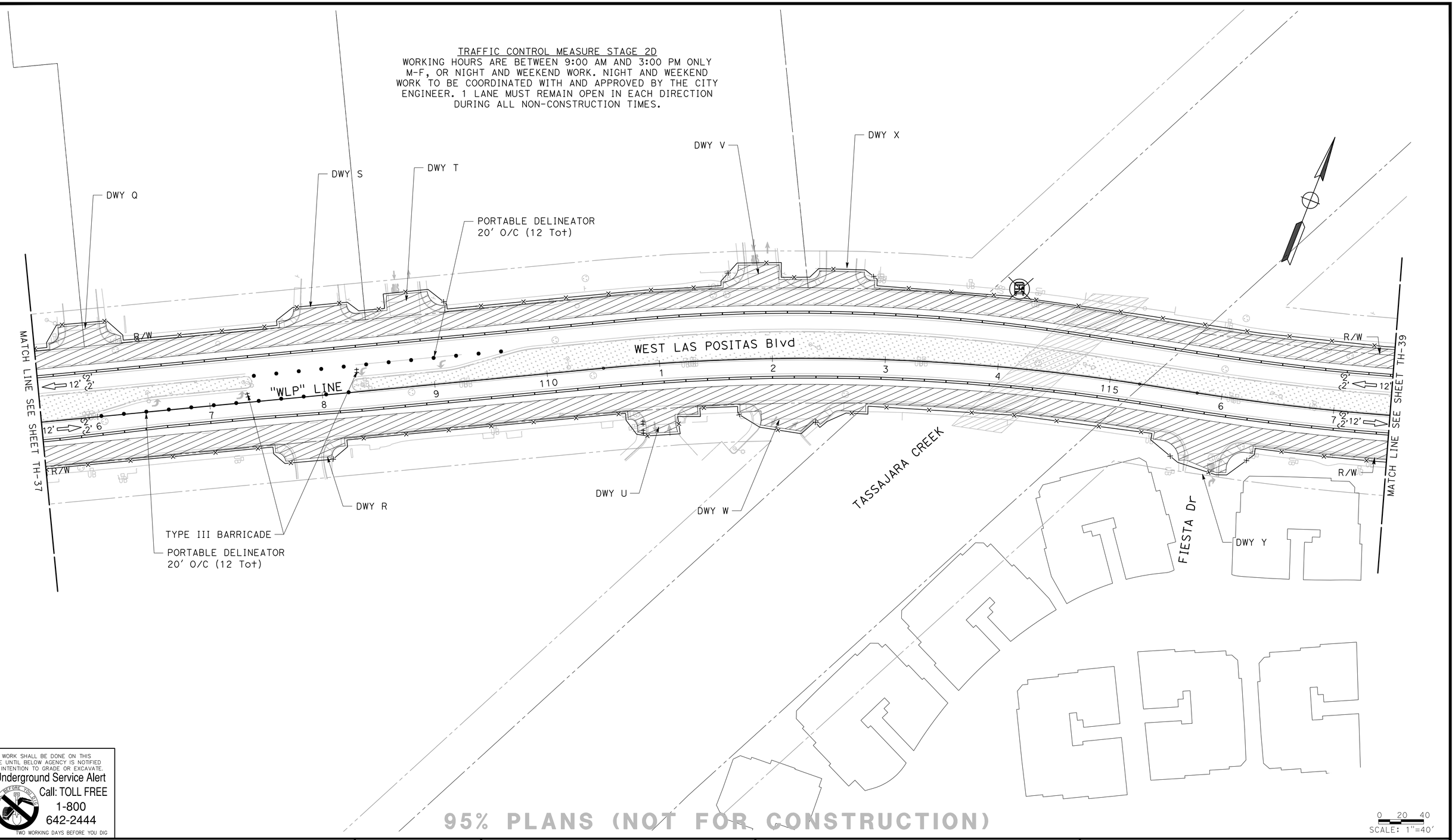

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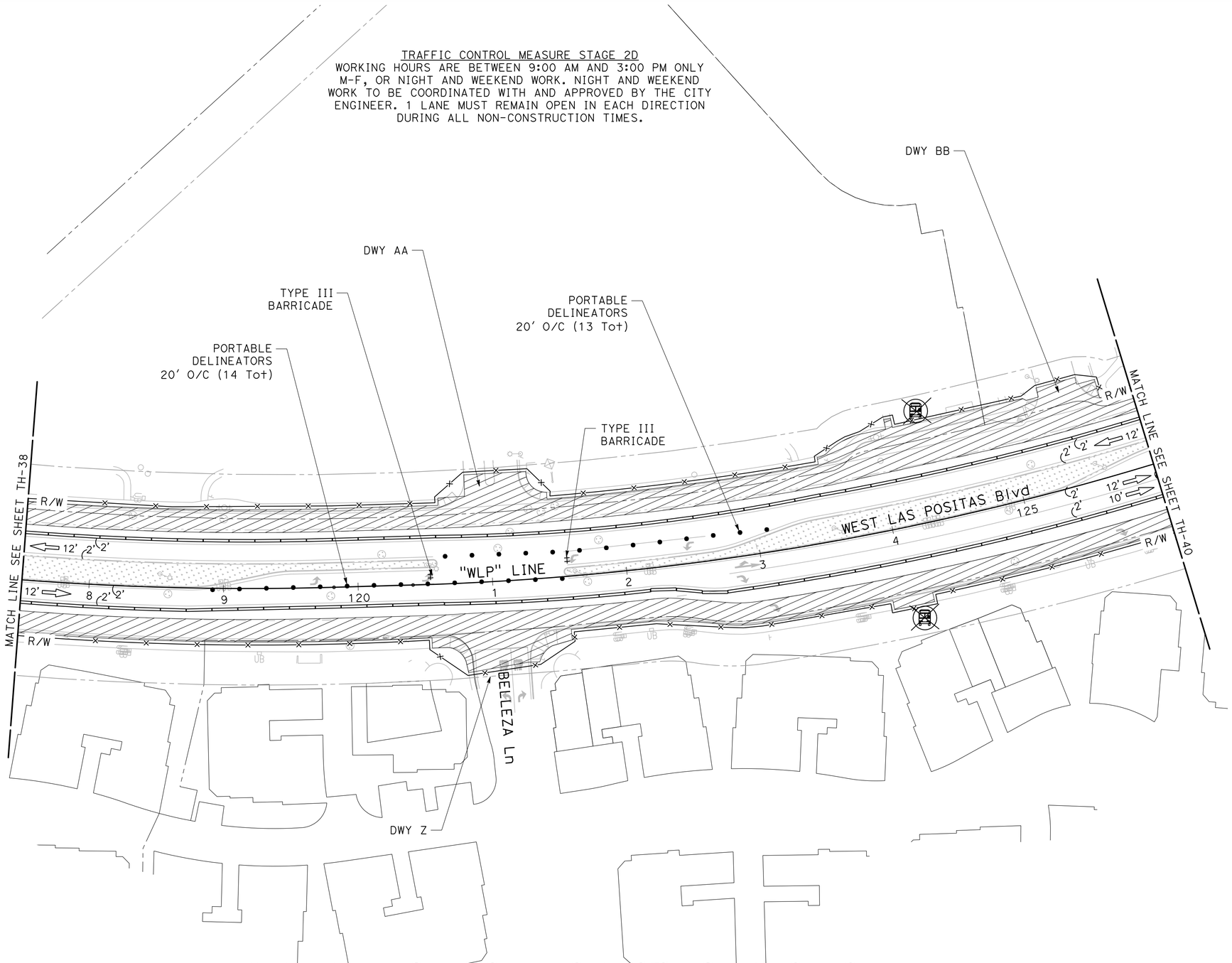

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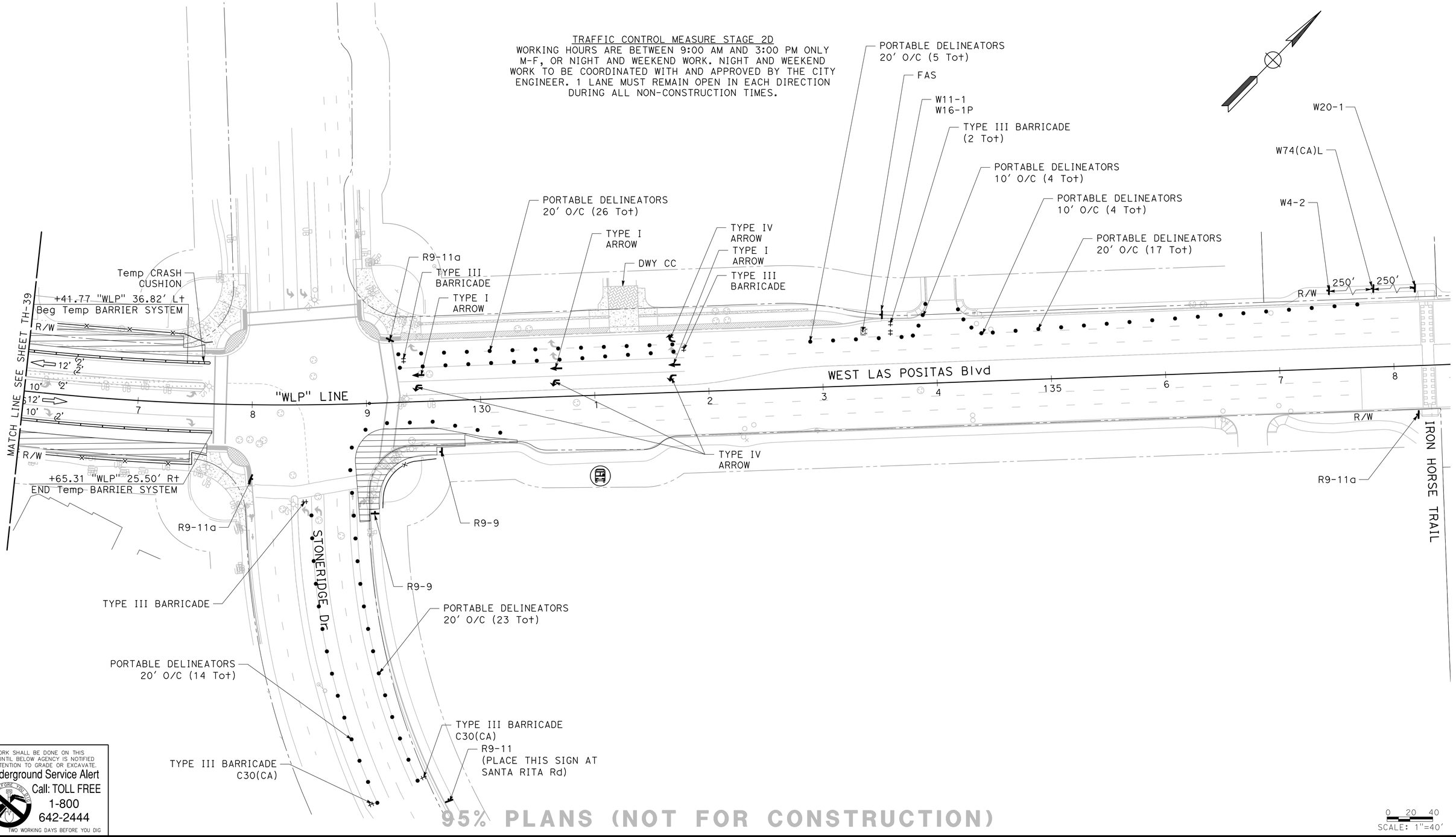

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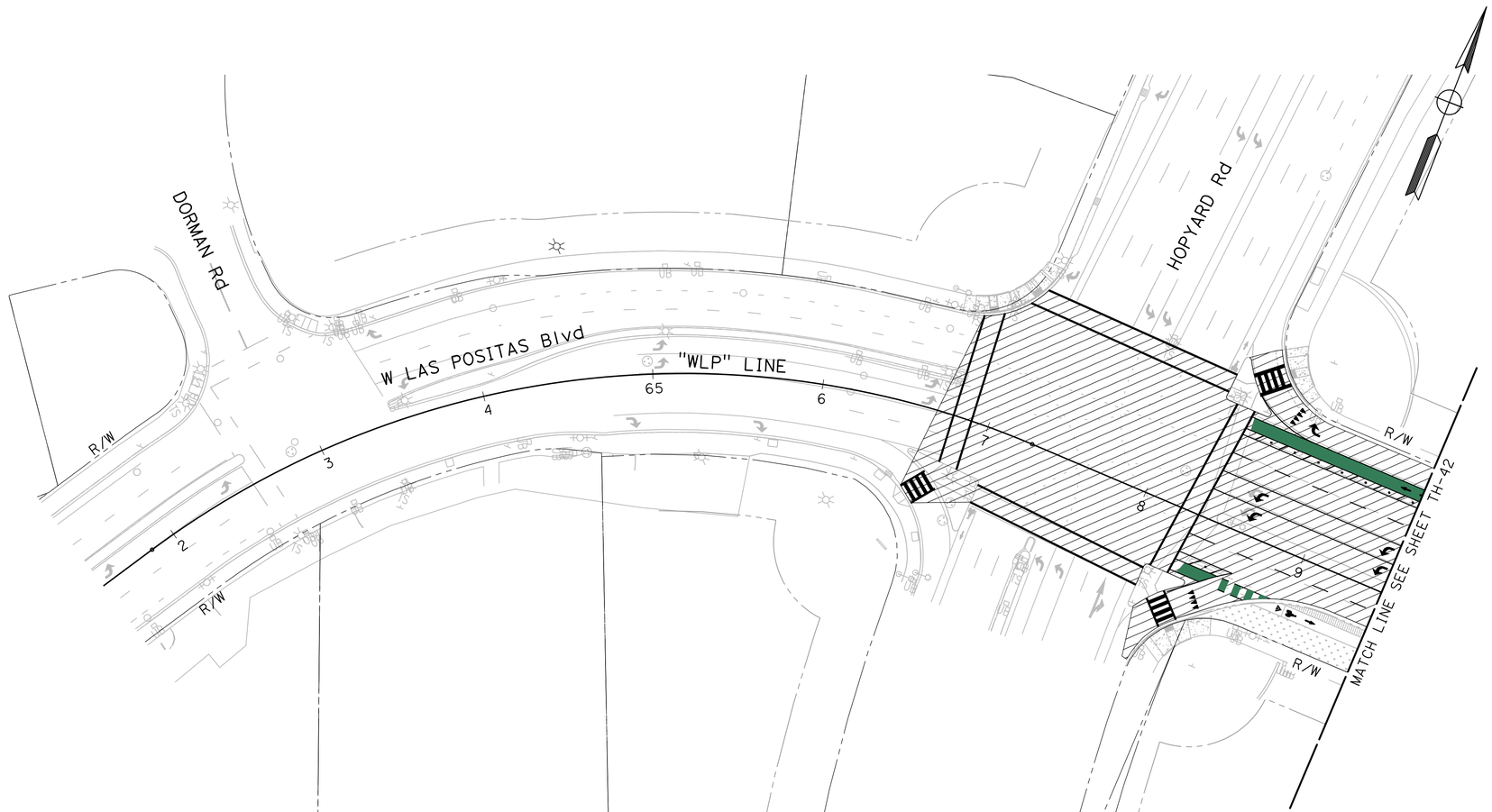

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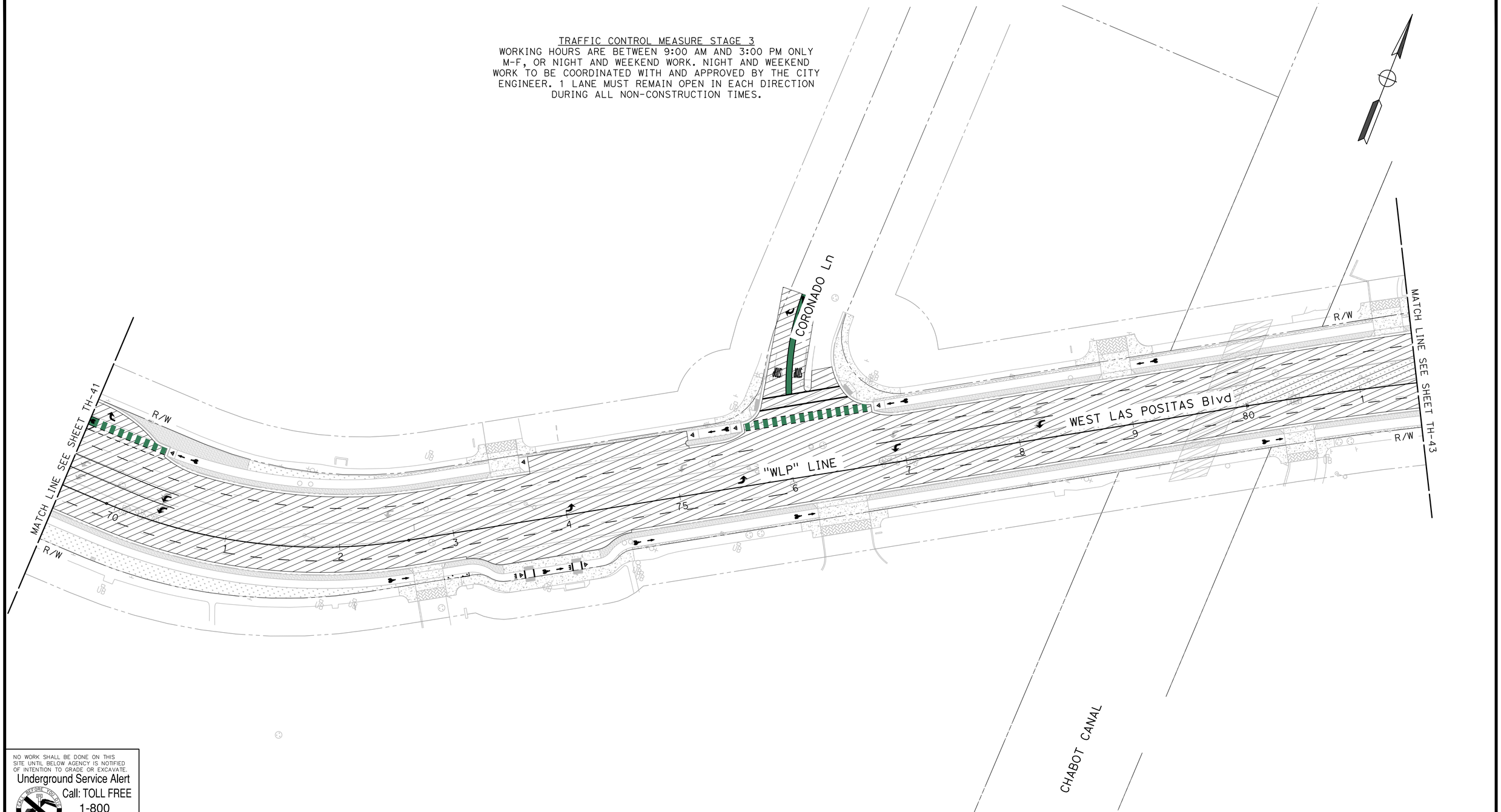


NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% PLANS (NOT FOR CONSTRUCTION)

SCALE: 1"=40'

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
RACHEL WOOLDRIDGE
No. 88328
Exp. 03-31-26
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

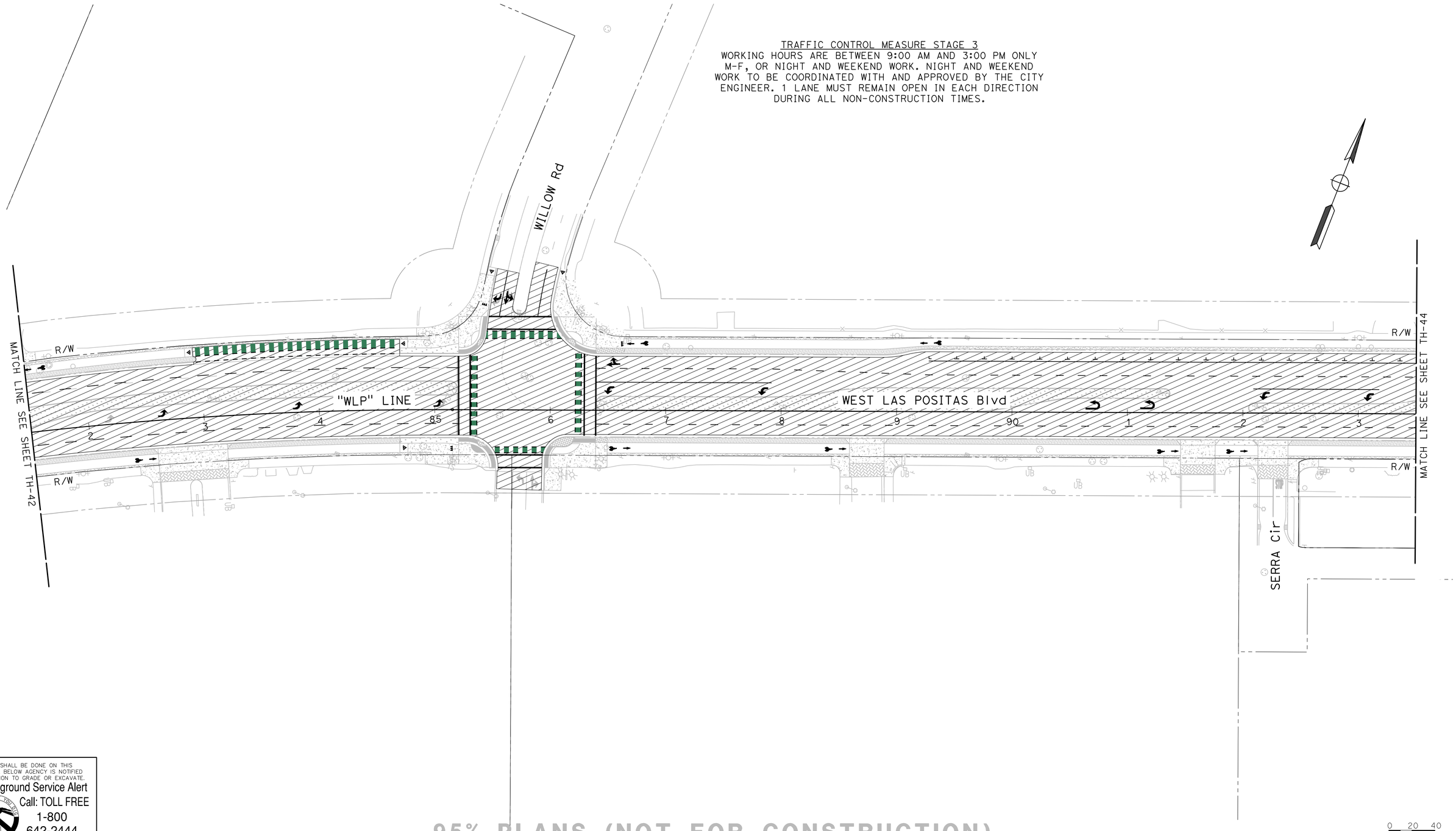
REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: M. TALAMAIVAO
DRAWN BY: M. HAQUE

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT CIP#11514
TRAFFIC CONTROL PLAN (STAGE 3)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-42 162 OF 230

TRAFFIC CONTROL MEASURE STAGE 3
WORKING HOURS ARE BETWEEN 9:00 AM AND 3:00 PM ONLY M-F, OR NIGHT AND WEEKEND WORK. NIGHT AND WEEKEND WORK TO BE COORDINATED WITH AND APPROVED BY THE CITY ENGINEER. 1 LANE MUST REMAIN OPEN IN EACH DIRECTION DURING ALL NON-CONSTRUCTION TIMES.



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0 20 40
SCALE: 1"=40'

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CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
TRAFFIC CONTROL PLAN (STAGE 3)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-43 163 OF 230

TRAFFIC CONTROL MEASURE STAGE 3
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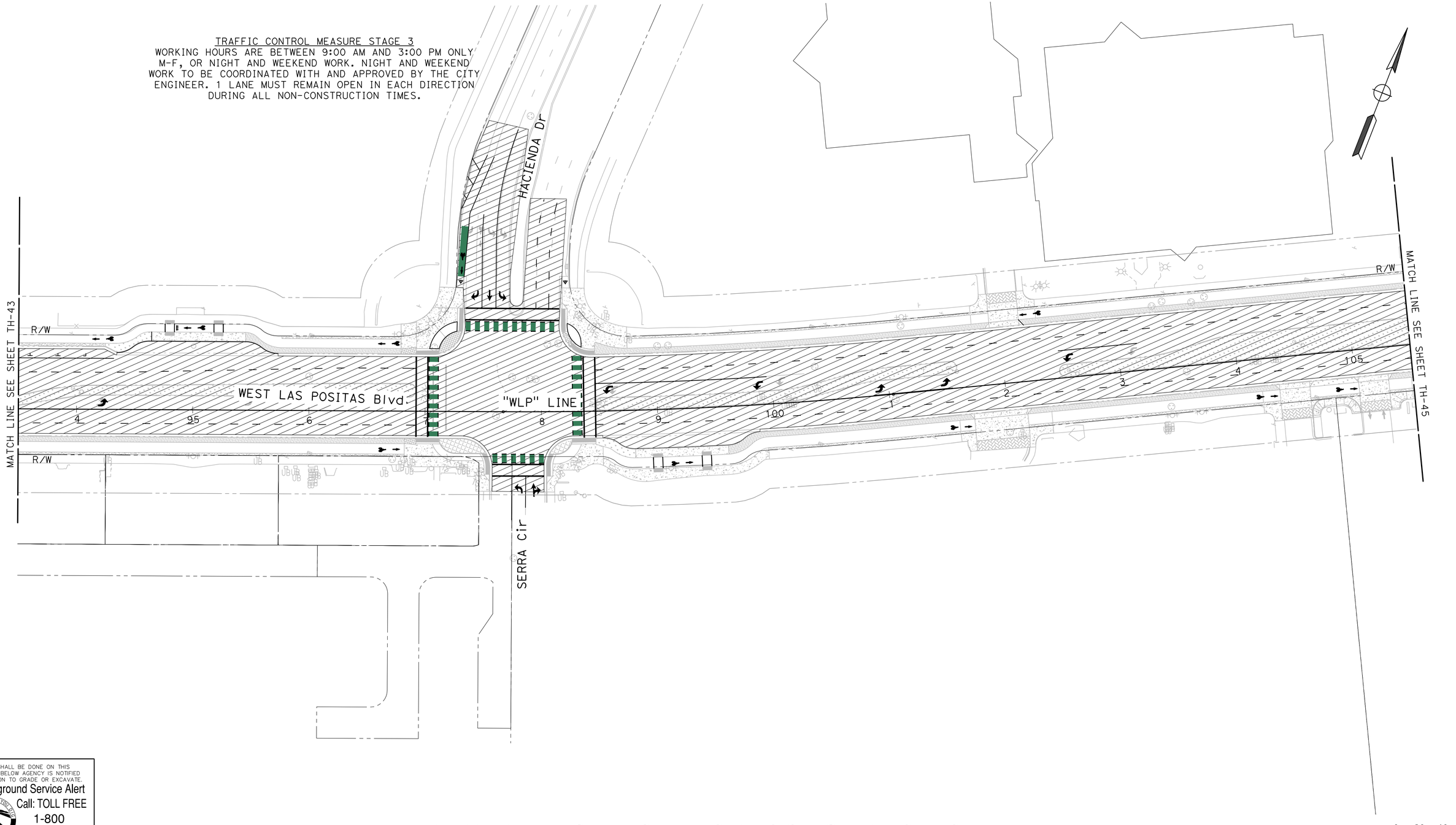

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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 3)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-44 164 OF 230

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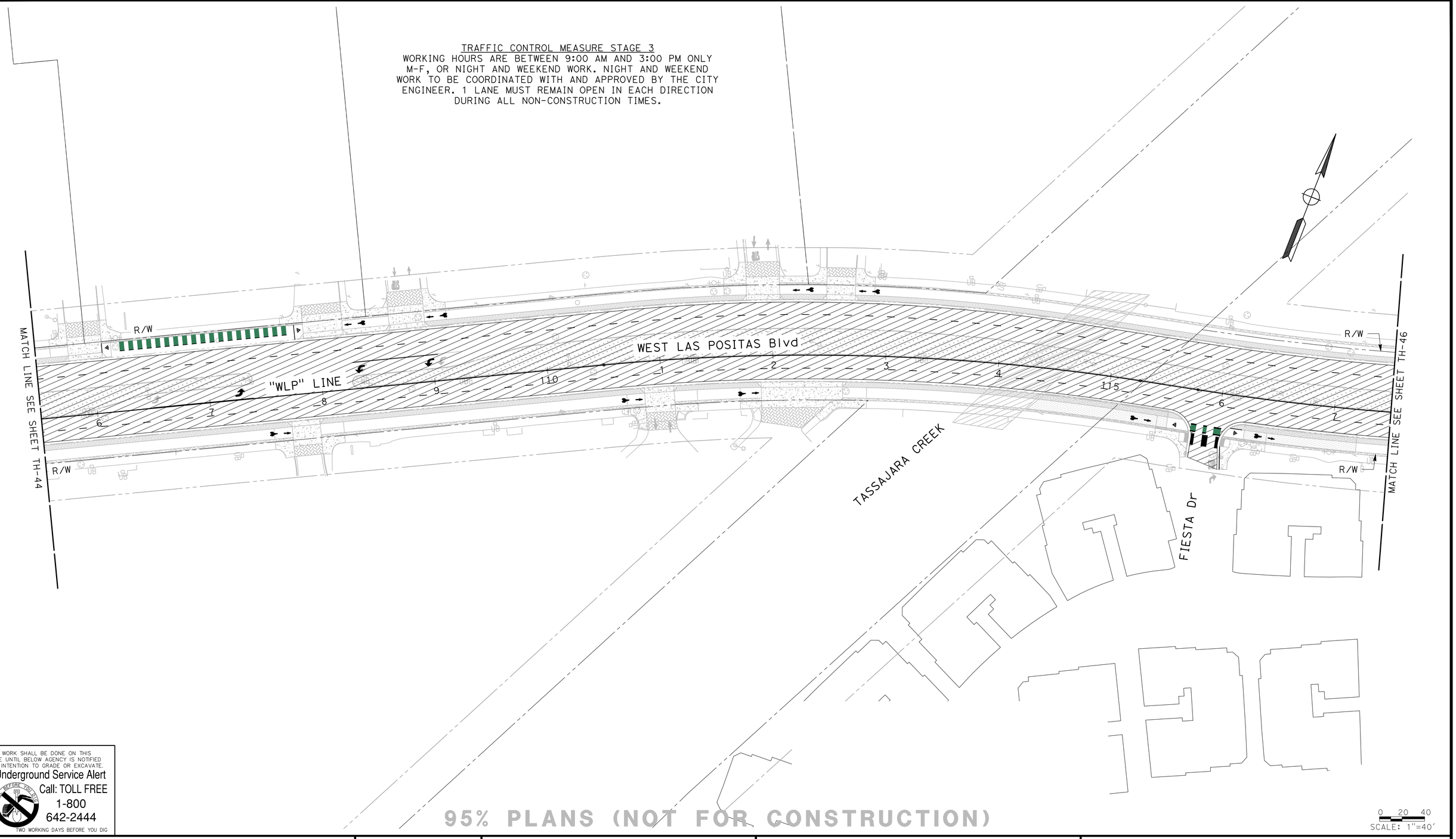

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CIP#11514
TRAFFIC CONTROL PLAN (STAGE 3)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-45 165 OF 230

TRAFFIC CONTROL MEASURE STAGE 3

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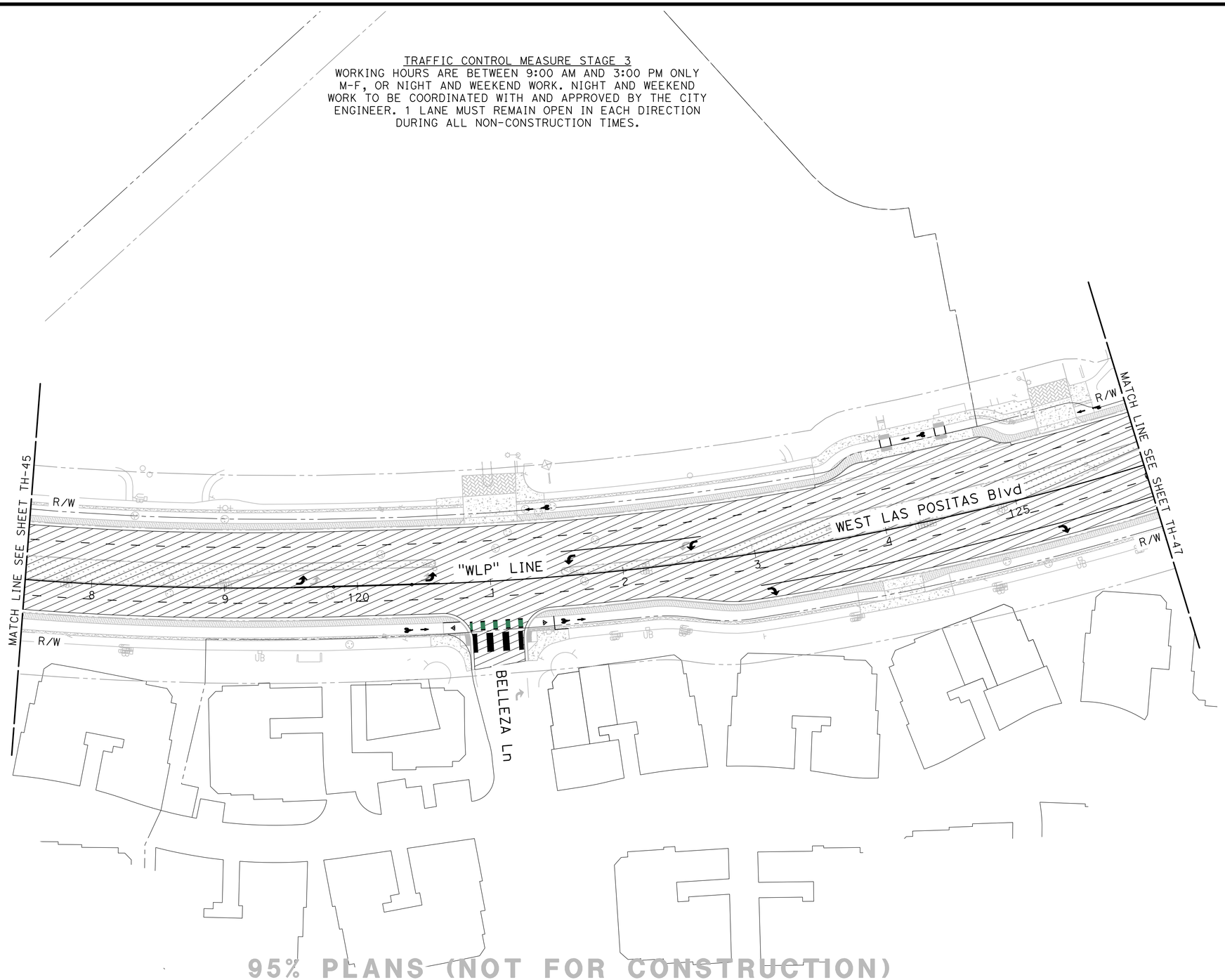

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TRAFFIC CONTROL PLAN (STAGE 3)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-46 166 OF 230

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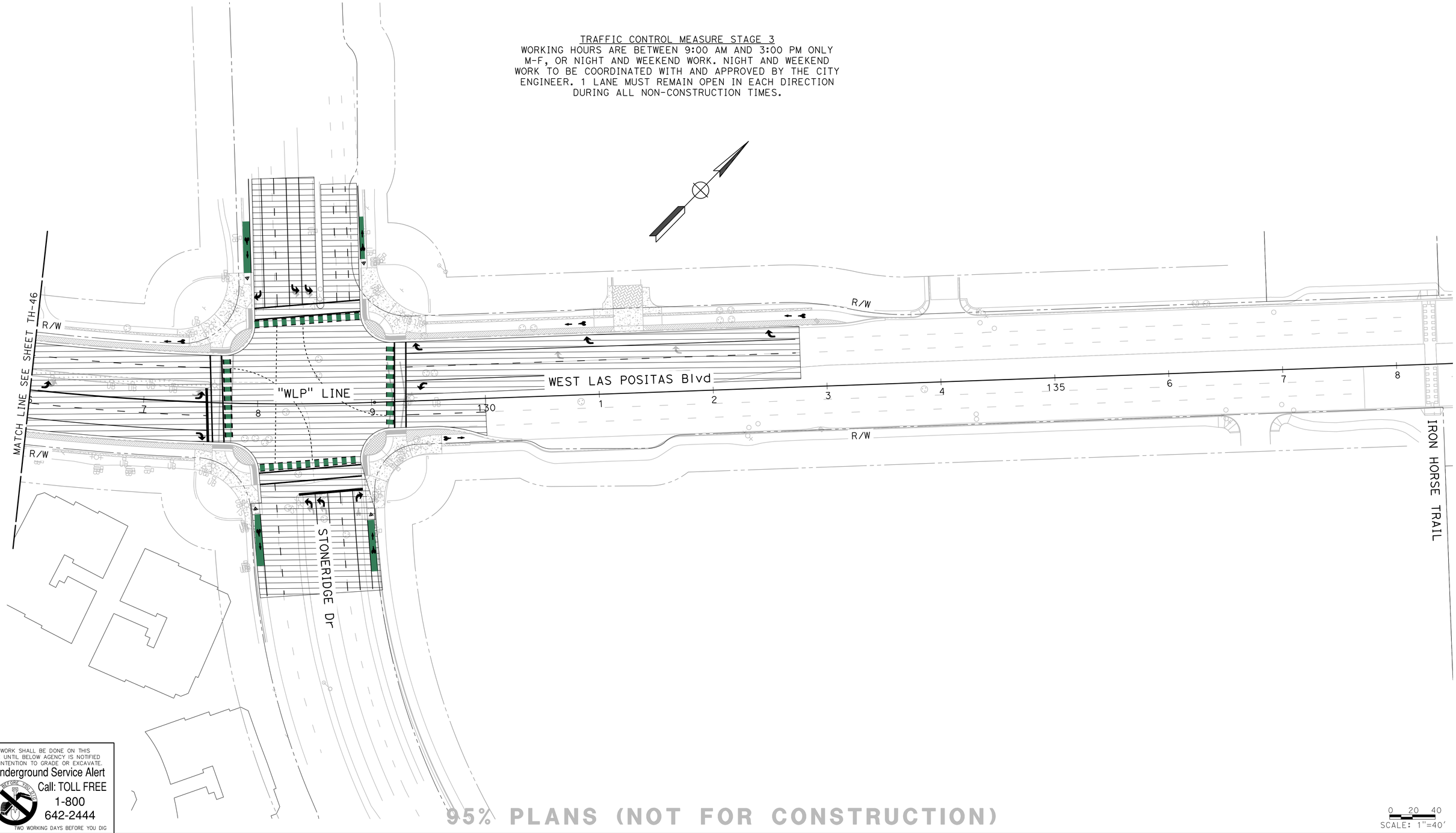

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SCALE: 1"=40'

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WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
TRAFFIC CONTROL PLAN (STAGE 3)

SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	TH-47 167 OF 230

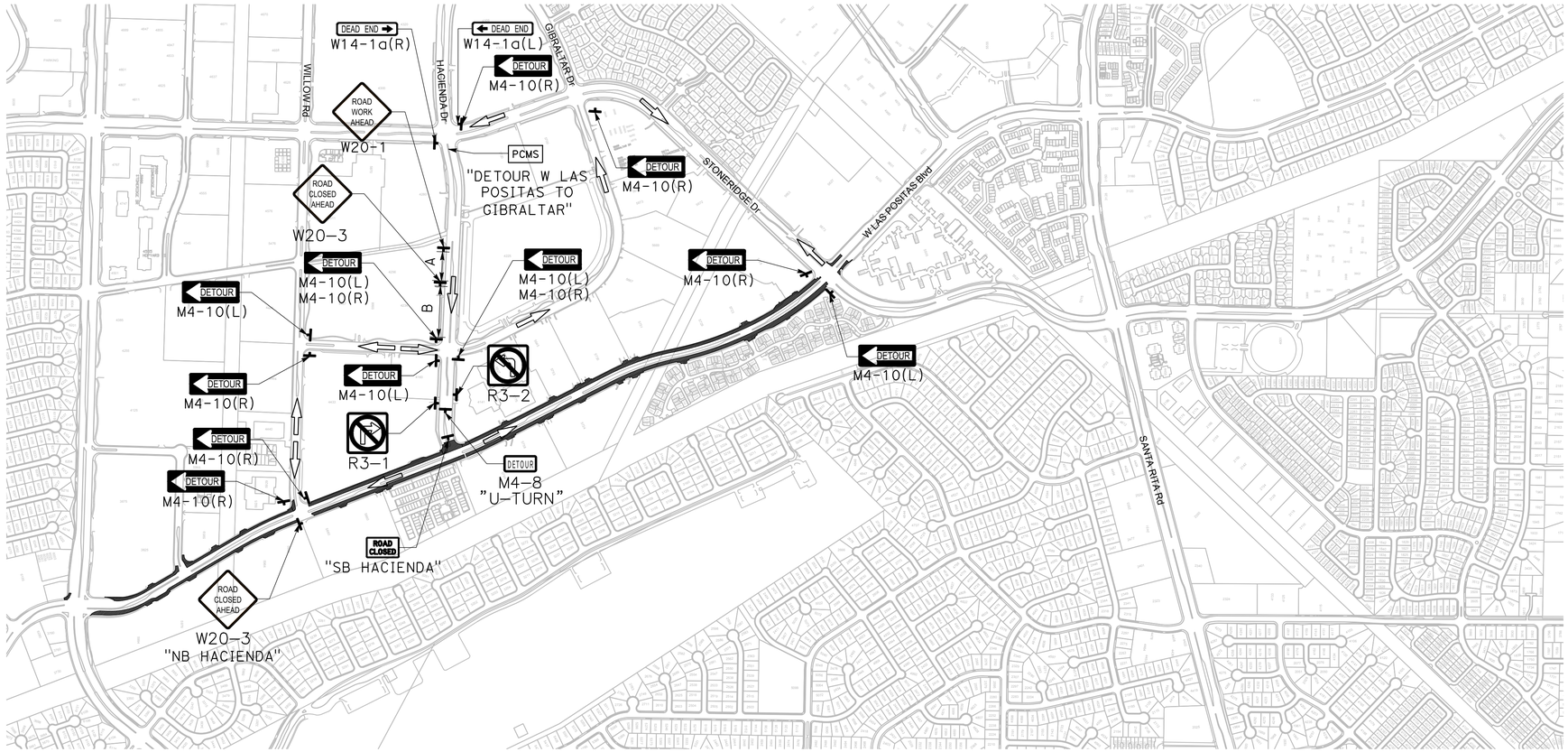
TRAFFIC:

1. ALL SIGN CODES SHOWN ARE FEDERAL SIGN CODES UNLESS OTHERWISE DESIGNATED AS CALIFORNIA SIGN CODES.
2. SIGN LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
3. DETOUR PLAN SIGNS SHOULD BE CONSISTENT WITH CAMUTCD REQUIREMENTS.
4. CONTRACTOR MUST INFORM TRAFFIC ENGINEERING STAFF OF START AND END DATES 2 DAYS IN ADVANCE, TO ALLOW MAPPING SERVICES TO BE UPDATED TO SHOW CLOSURES

LEGEND:

DIRECTION OF DETOUR TRAVEL

PCMS — PORTABLE CHANGEABLE MESSAGE SIGN



STAGE 2B: HACIENDA INTERSECTION DETOUR PLAN

SCALE: 1" = 500'

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WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
DETOUR PLAN

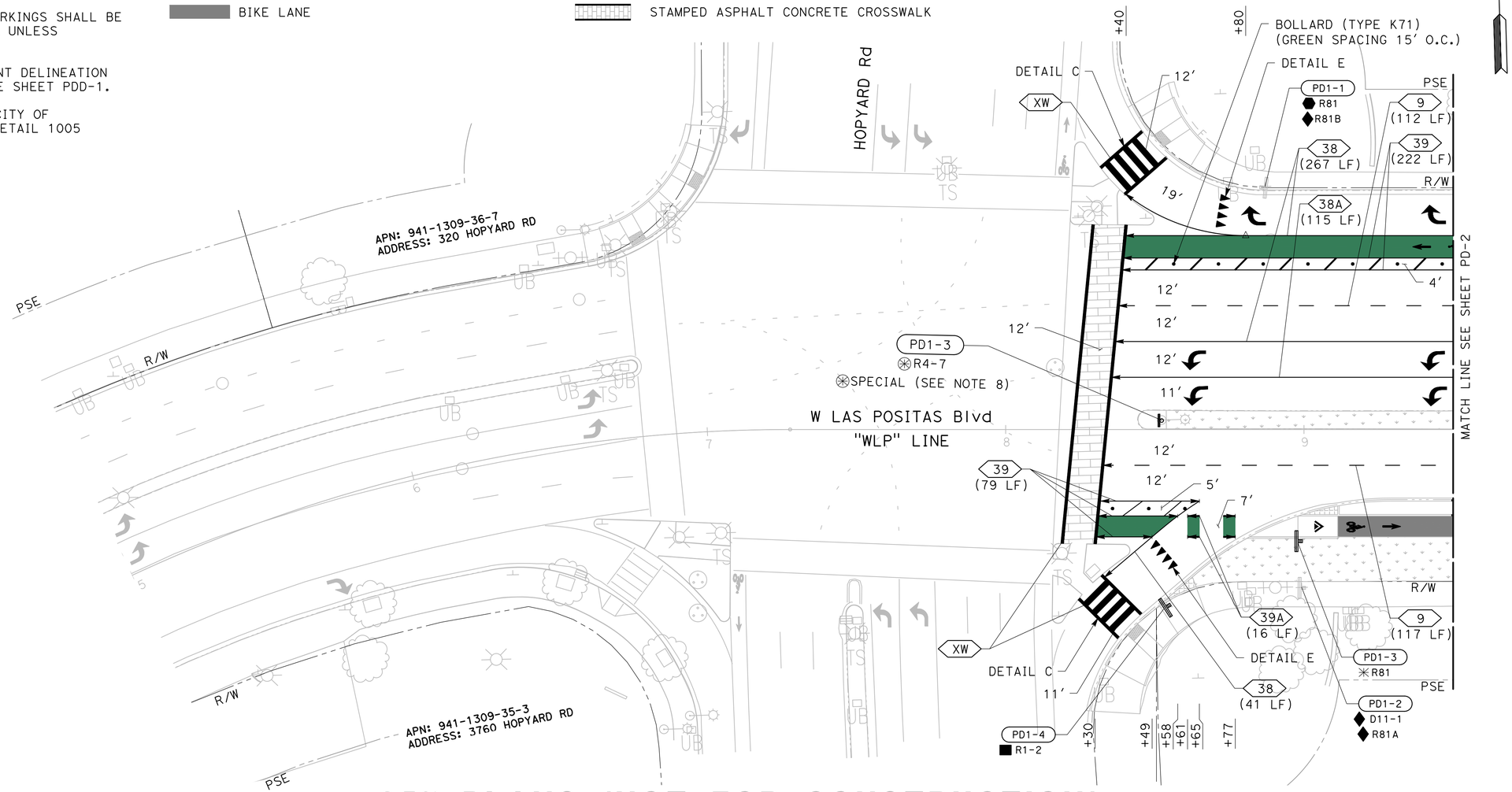
SCALE:	DATE:	PIN:	SHEET:
1"=40'	5/30/2025	22-20106	DE-1 168 OF 230

NOTES:

1. FOR PAVEMENT DELINEATION DETAILS, SEE CALTRAN STANDARD PLANS (2023).
2. THE EXACT LOCATION OF THE PAVEMENT MARKINGS SHALL BE DETERMINED BY THE ENGINEER.
3. ALL CONFLICTING PAVEMENT DELINEATION AND MARKING SHALL BE REMOVED.
4. ALL EXISTING SIGNS NOT SHOWN FOR REMOVAL, RELOCATION, OR RESETTING SHALL REMAIN IN PLACE.
5. EXACT LOCATION AND POSITION OF ROADSIDE SIGNS SHALL BE DETERMINED BY THE ENGINEER.
6. CROSSWALK PAVEMENT MARKINGS SHALL BE CENTERED ON CROSSWALK UNLESS OTHERWISE NOTED.
7. FOR ADDITIONAL PAVEMENT DELINEATION DETAILS NOT SHOWN, SEE SHEET PDD-1.
8. FOR SIGN DETAIL, SEE CITY OF PLEASANTON STANDARD DETAIL 1005

LEGEND:

- TYPE I ARROW
- TYPE II ARROW
- TYPE IV ARROW
- TYPE VI ARROW
- TYPE VII (L/R) ARROW
- BIKE LANE PAVEMENT MARKING
- CHANGE OF TRAFFIC STRIPE DETAIL
- BC, EC, OR AP OF TRAFFIC STRIPE DETAIL
- No. — CALTRANS TRAFFIC STRIPE DETAIL NUMBER
- LL — LIMIT LINE
- XW — CROSSWALK
- BIKE LANE BOLLARD WITH FLEXIBLE POST
- BIKE RAMP MARKING
- YIELD LINE
- BIKE LANE
- GREEN BIKE LANE SURFACE
- LADDER CROSSWALK
- (CA) CALIFORNIA SIGN CODE
- INSTALL ROADSIDE SIGN
- INSTALL ROADSIDE SIGN (STRAP AND SADDLE BRACKET METHOD)
- RELOCATE ROADSIDE SIGN
- ROADSIDE SIGN TO REMAIN
- REMOVE ROADSIDE SIGN
- RESET ROADSIDE SIGN
- No. — ROADSIDE SIGN NUMBER
- ROADSIDE SIGN SSBM
- STAMPED ASPHALT CONCRETE CROSSWALK



95% PLANS (NOT FOR CONSTRUCTION)

SCALE: 1"=20'

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Underground Service Alert
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1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN CHARCHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

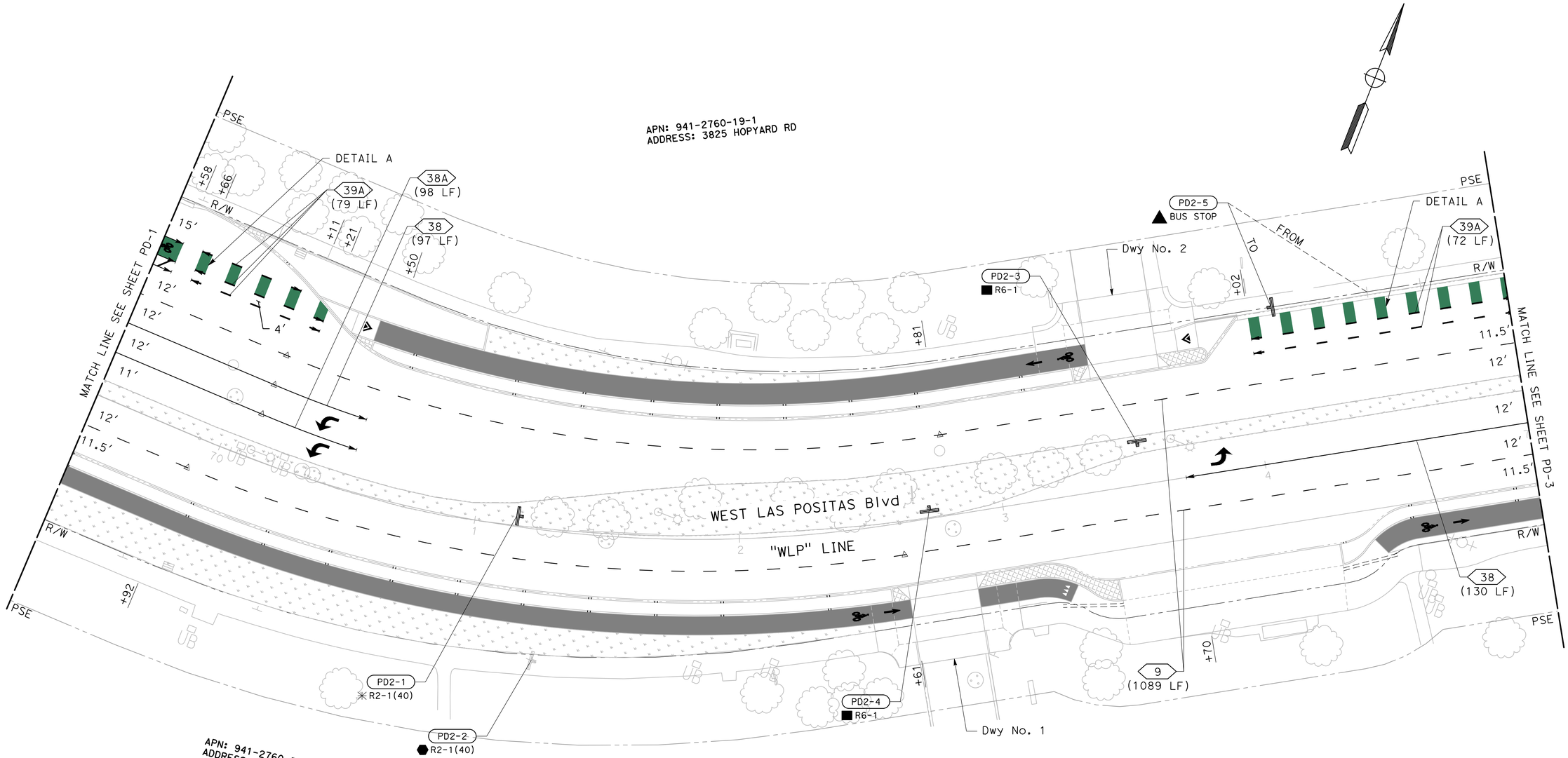
REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY:
DRAWN BY:

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
PAVEMENT DELINEATION AND SIGN PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	PD-1 169 OF 230



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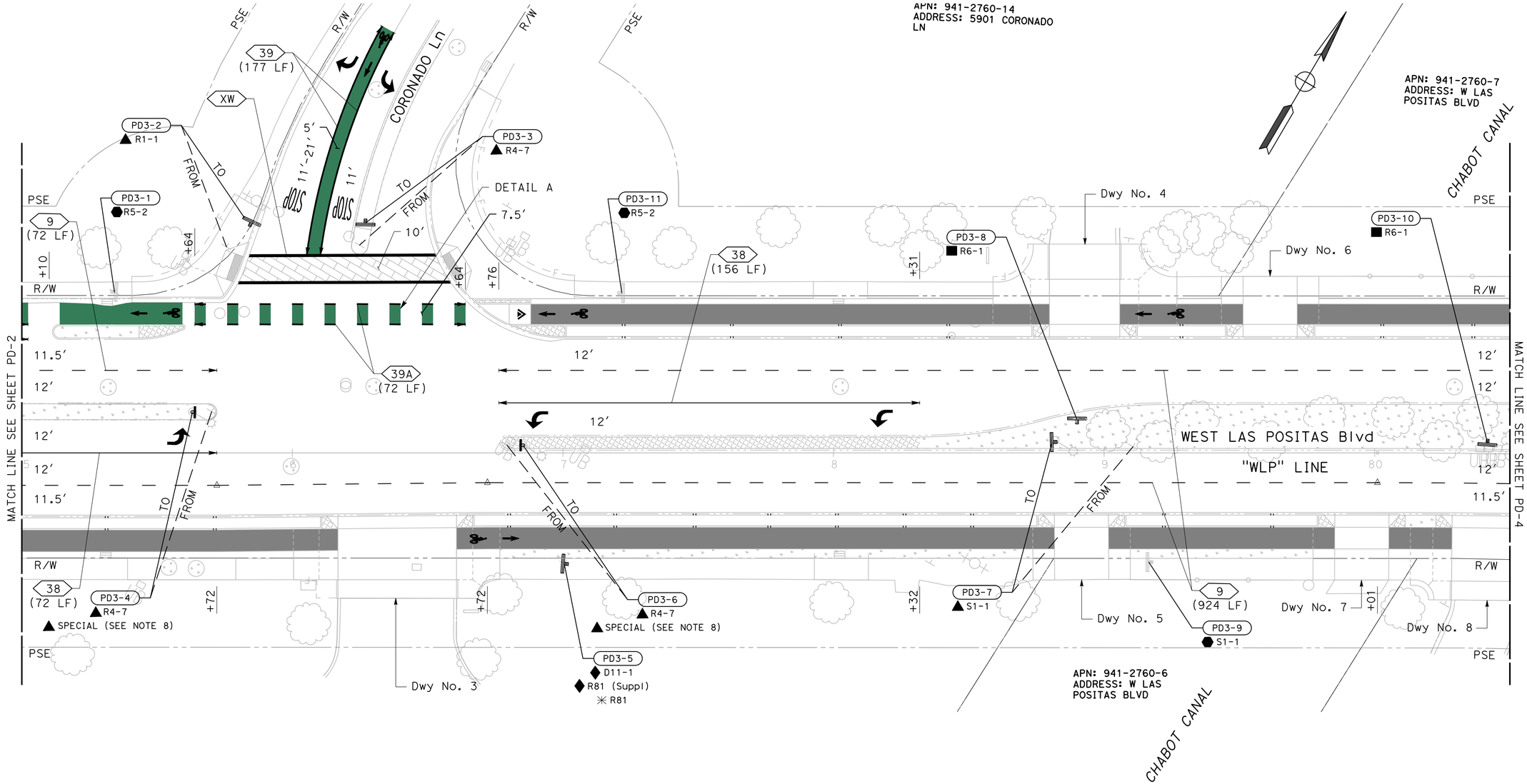
CIP#11514
PAVEMENT DELINEATION AND SIGN PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	PD-2 170 OF 222



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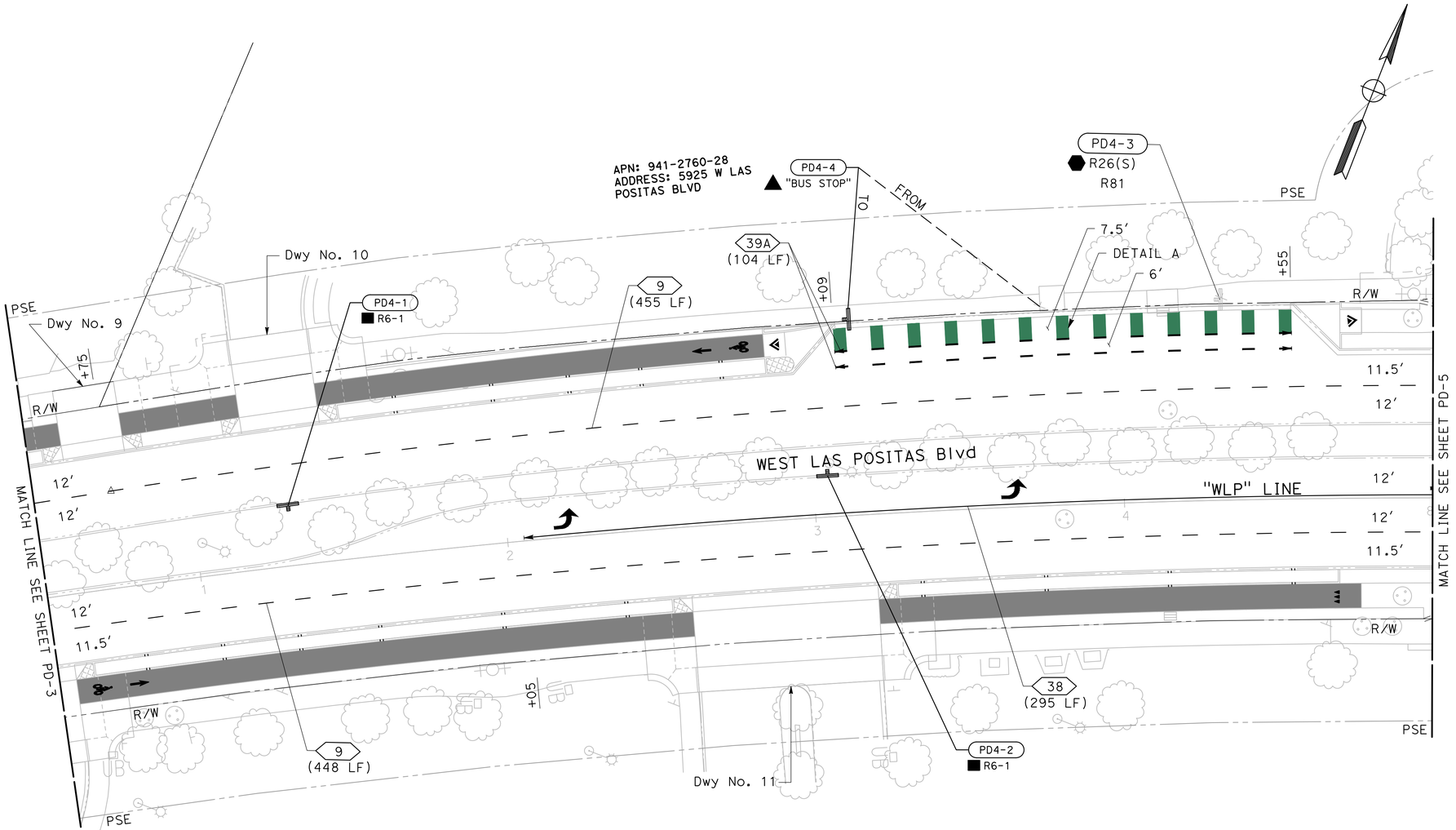
SCALE:	DATE:	PIN:	SHEET:
1"=20′	5/30/2025	22-20106	PD-3 171 OF 222



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1-800 642-2444

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0 10 20

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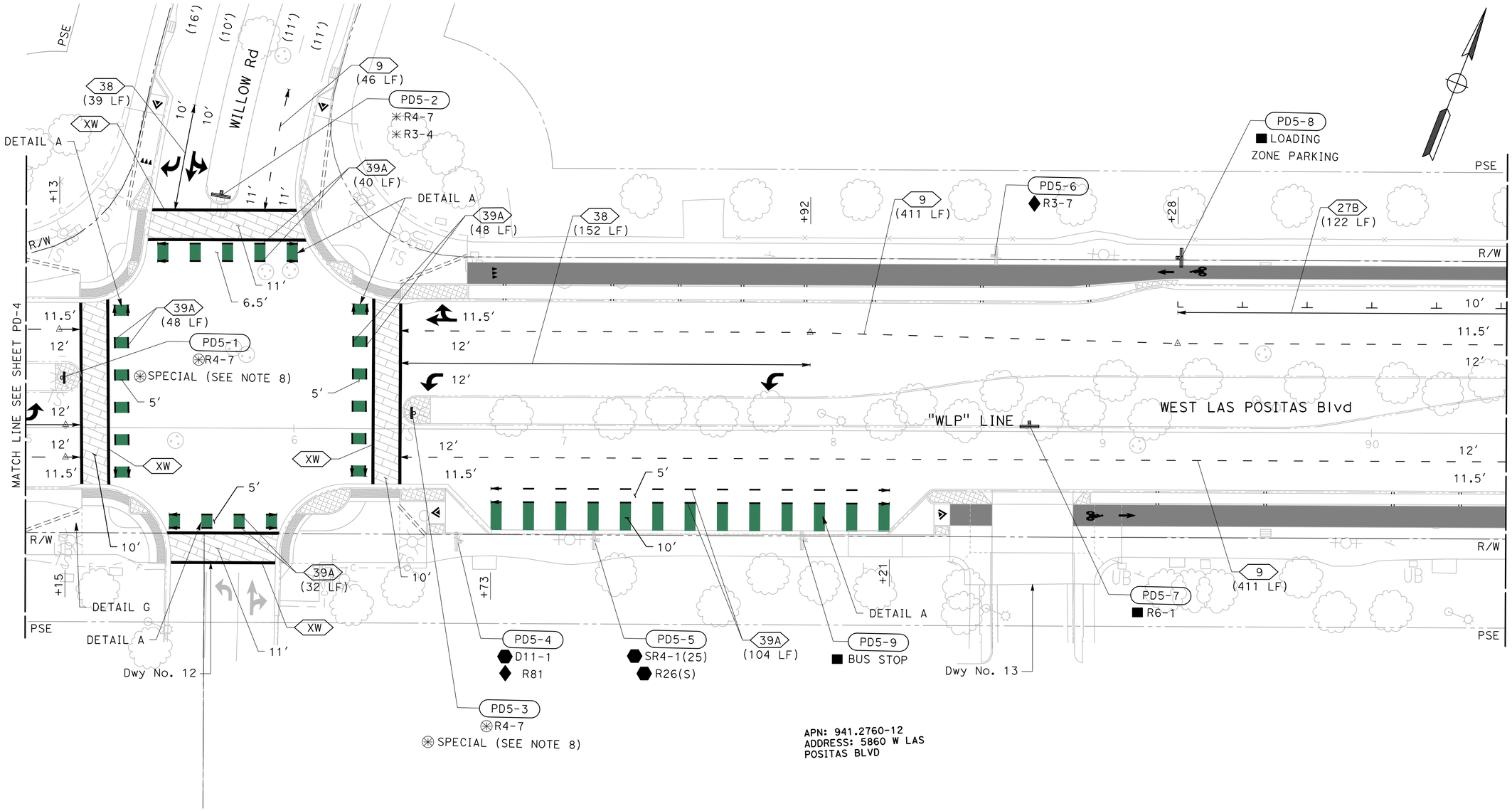
PAVEMENT DELINEATION AND SIGN PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	22-20106	PD-4 172 OF 222



APN: 941.2760-12
ADDRESS: 5860 W LAS POSITAS BLVD

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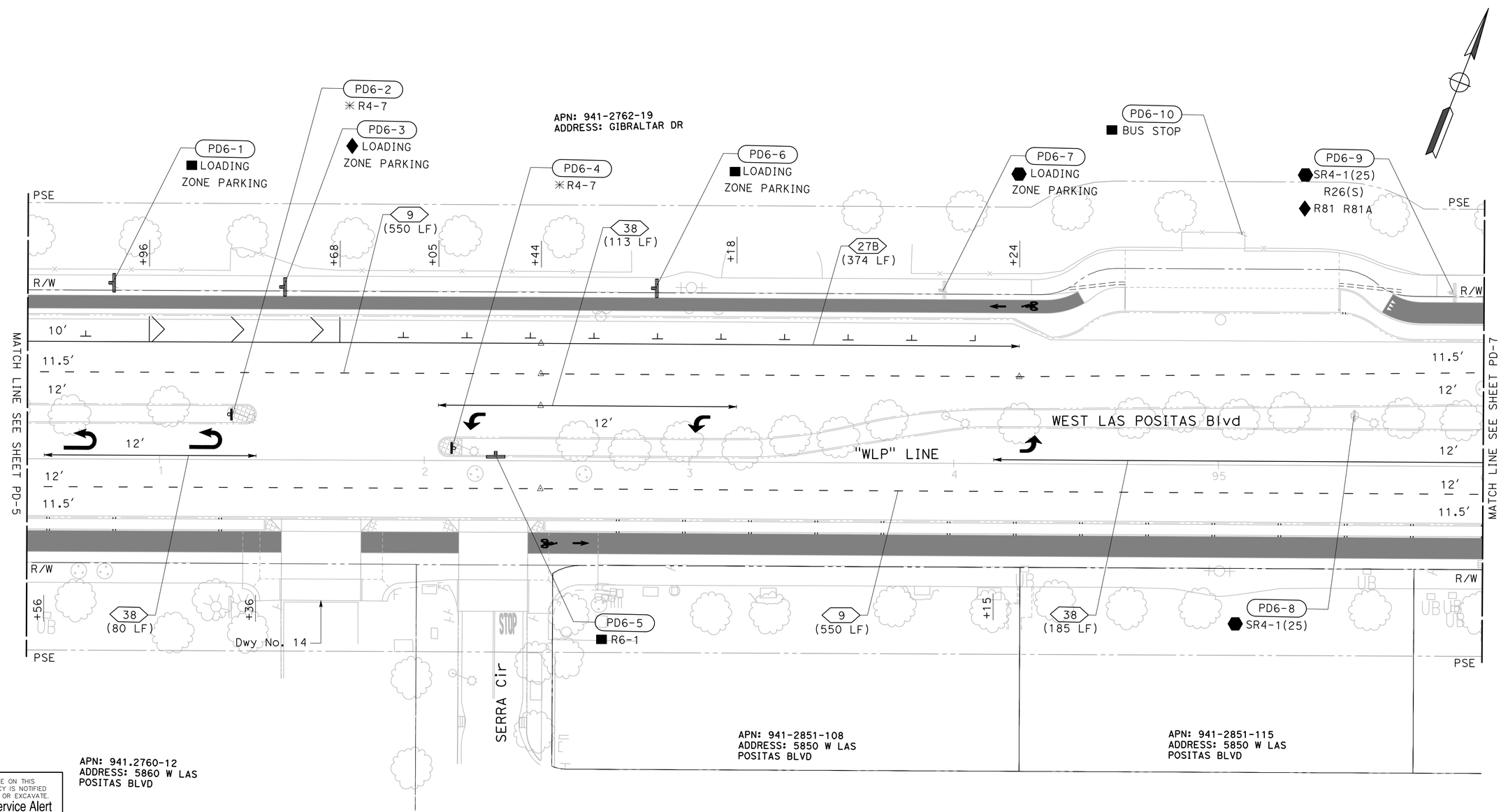

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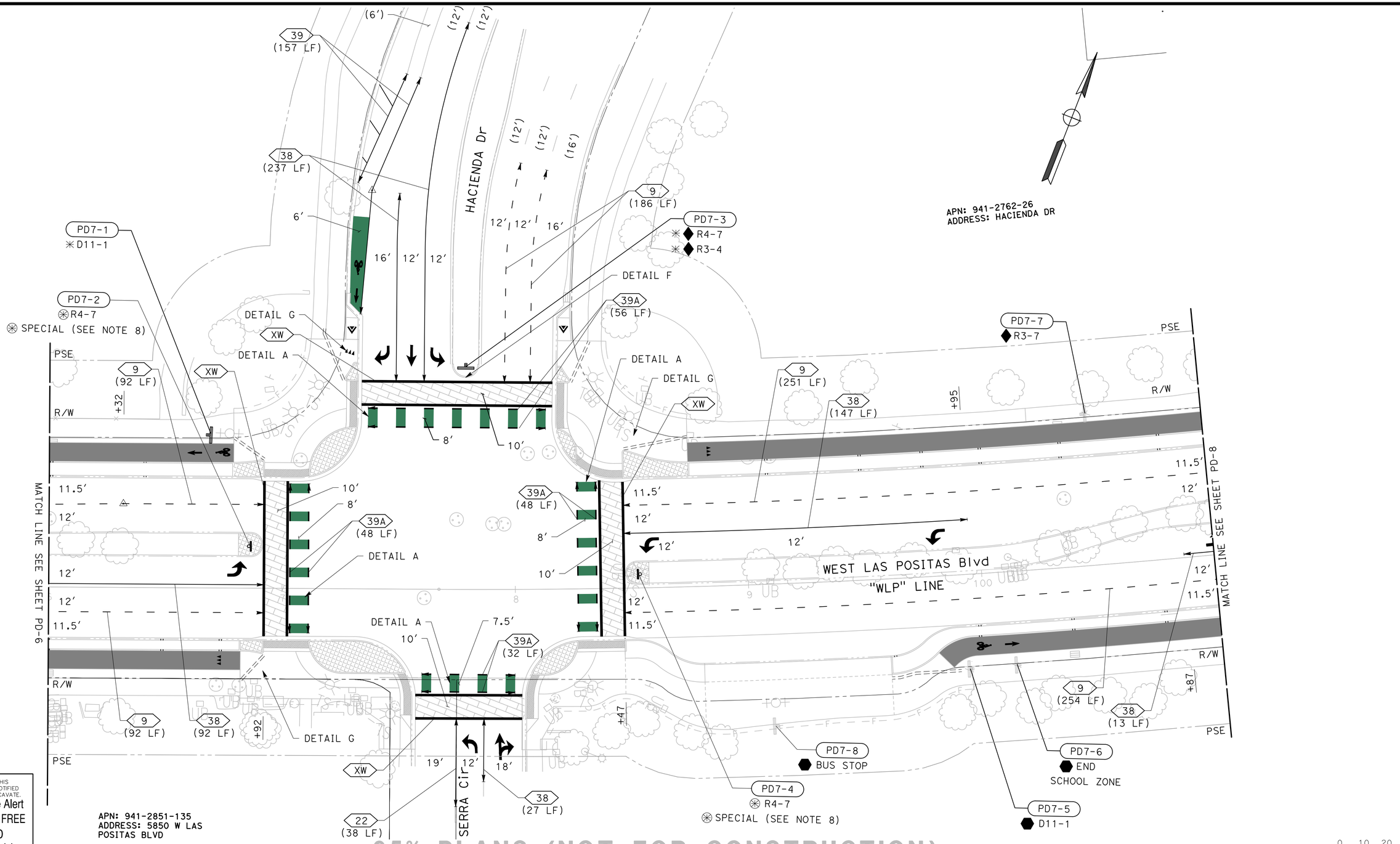

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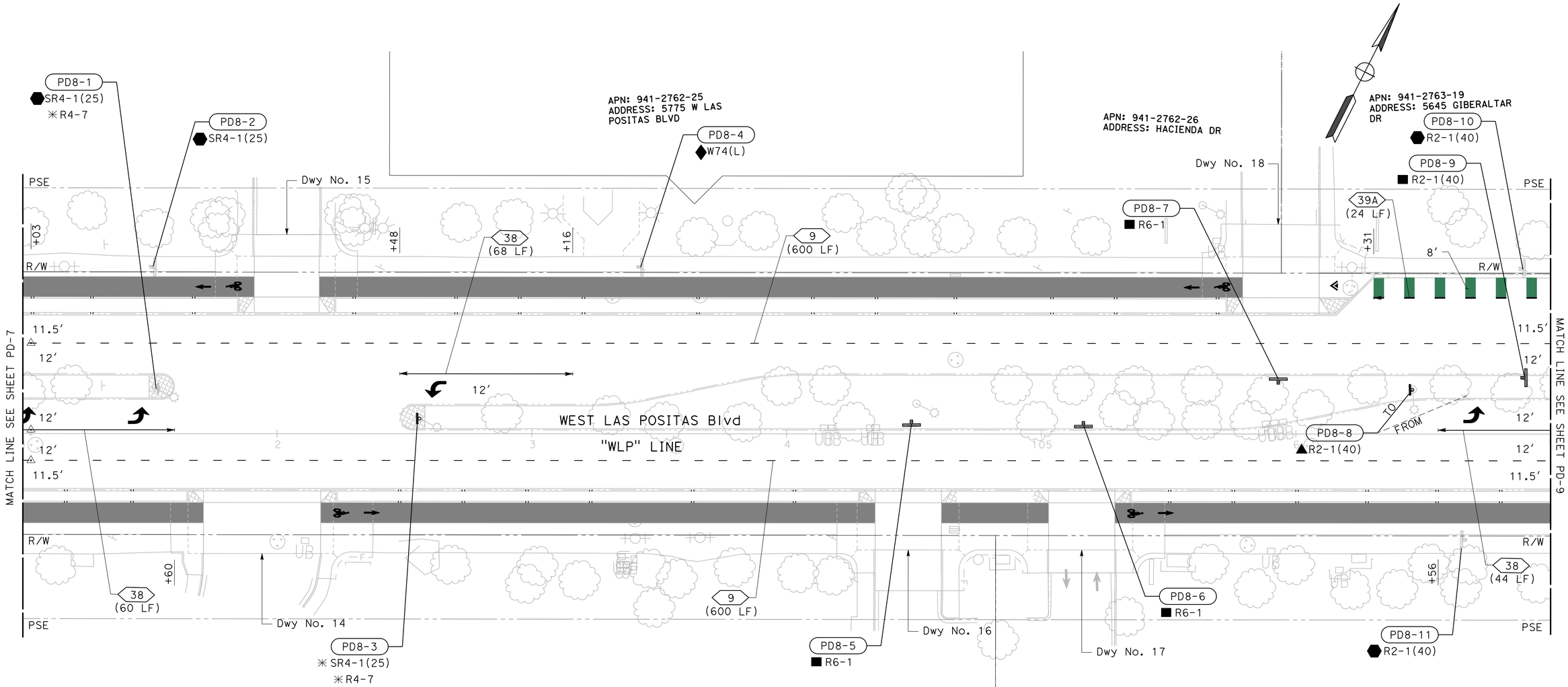

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642-2444
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95% PLANS (NOT FOR CONSTRUCTION)

SCALE: 1"=20′

MARK THOMAS
2121 N CALIFORNIA BLVD, SUITE 260
WALNUT CREEK, CA 94596
(925) 938-0383

REGISTERED PROFESSIONAL ENGINEER
ARSALAN GHARACHORLOO
No. 90101
Exp. 06-30-27
CIVIL
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

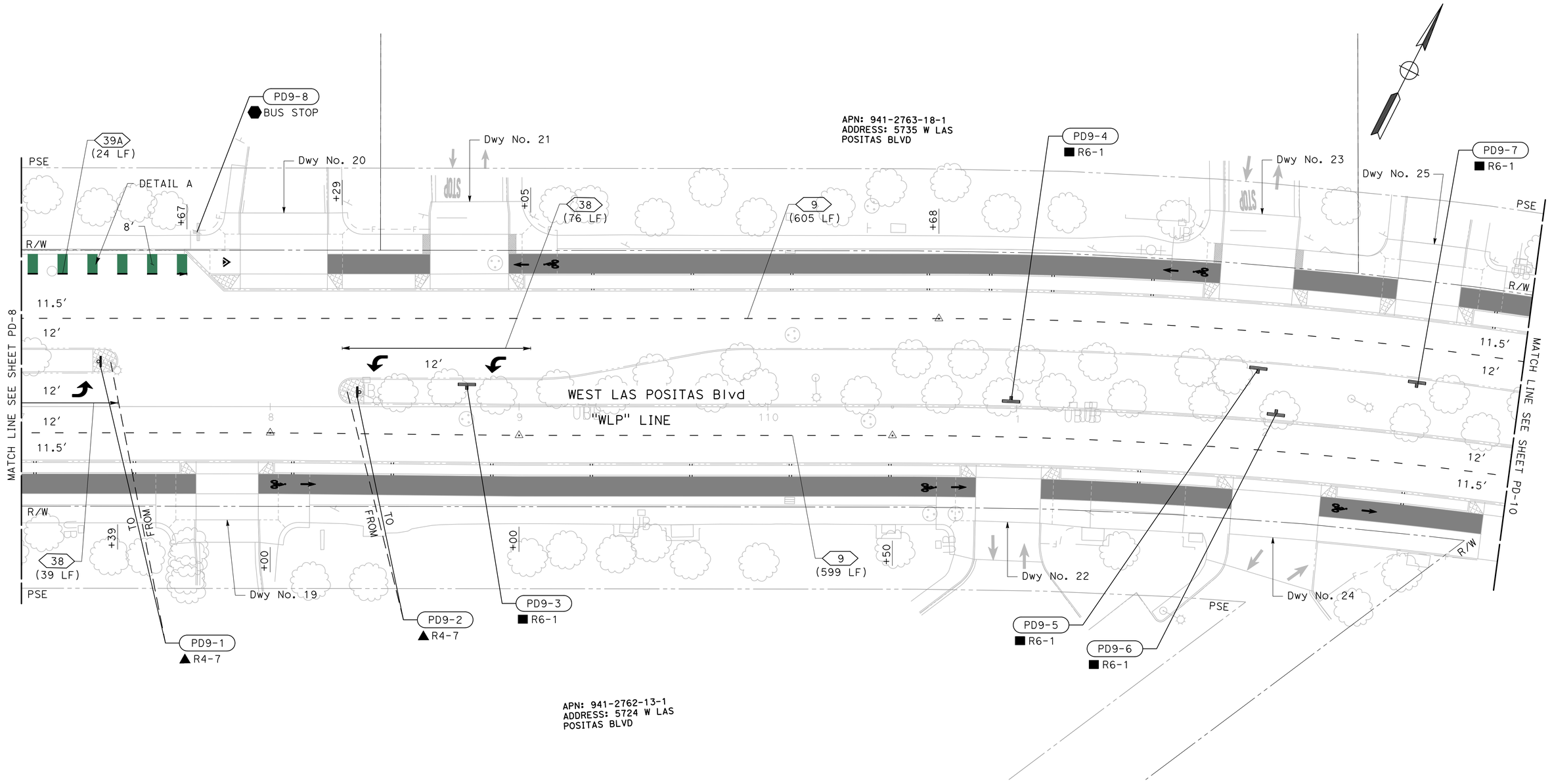
REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY:
DRAWN BY:

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
CIP#11514
PAVEMENT DELINEATION AND SIGN PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20′	5/30/2025	22-20106	PD-8 176 OF 222



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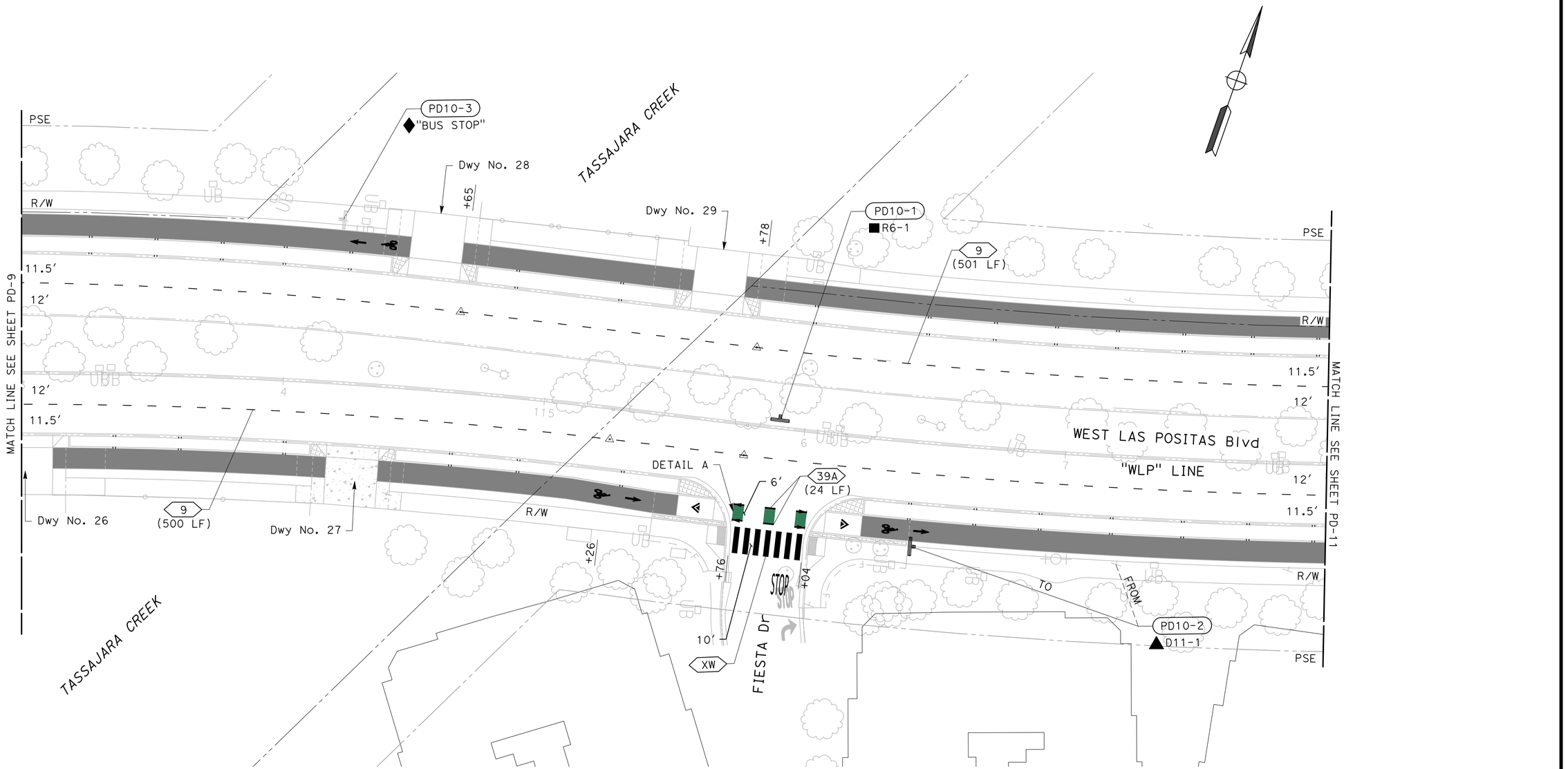

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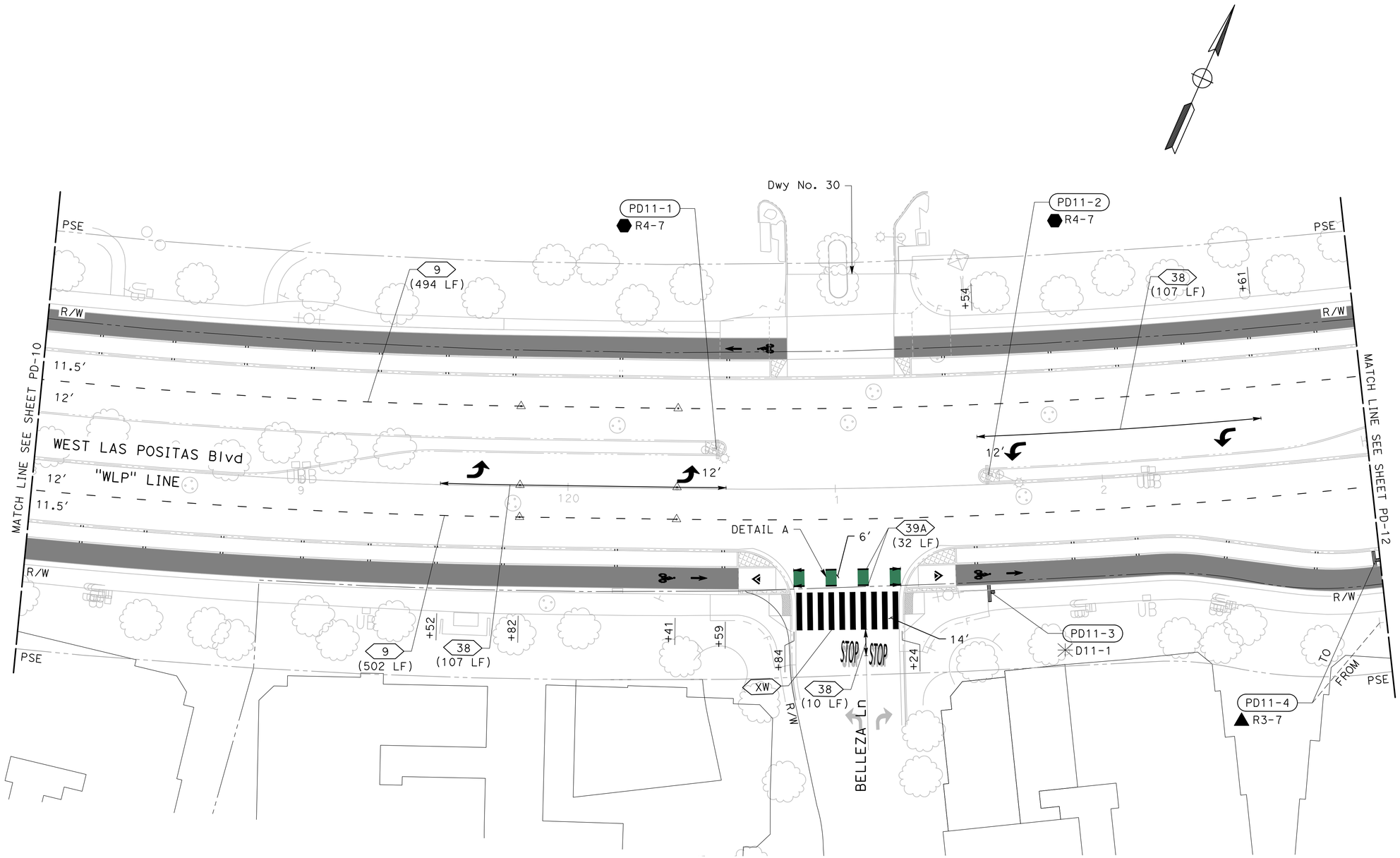

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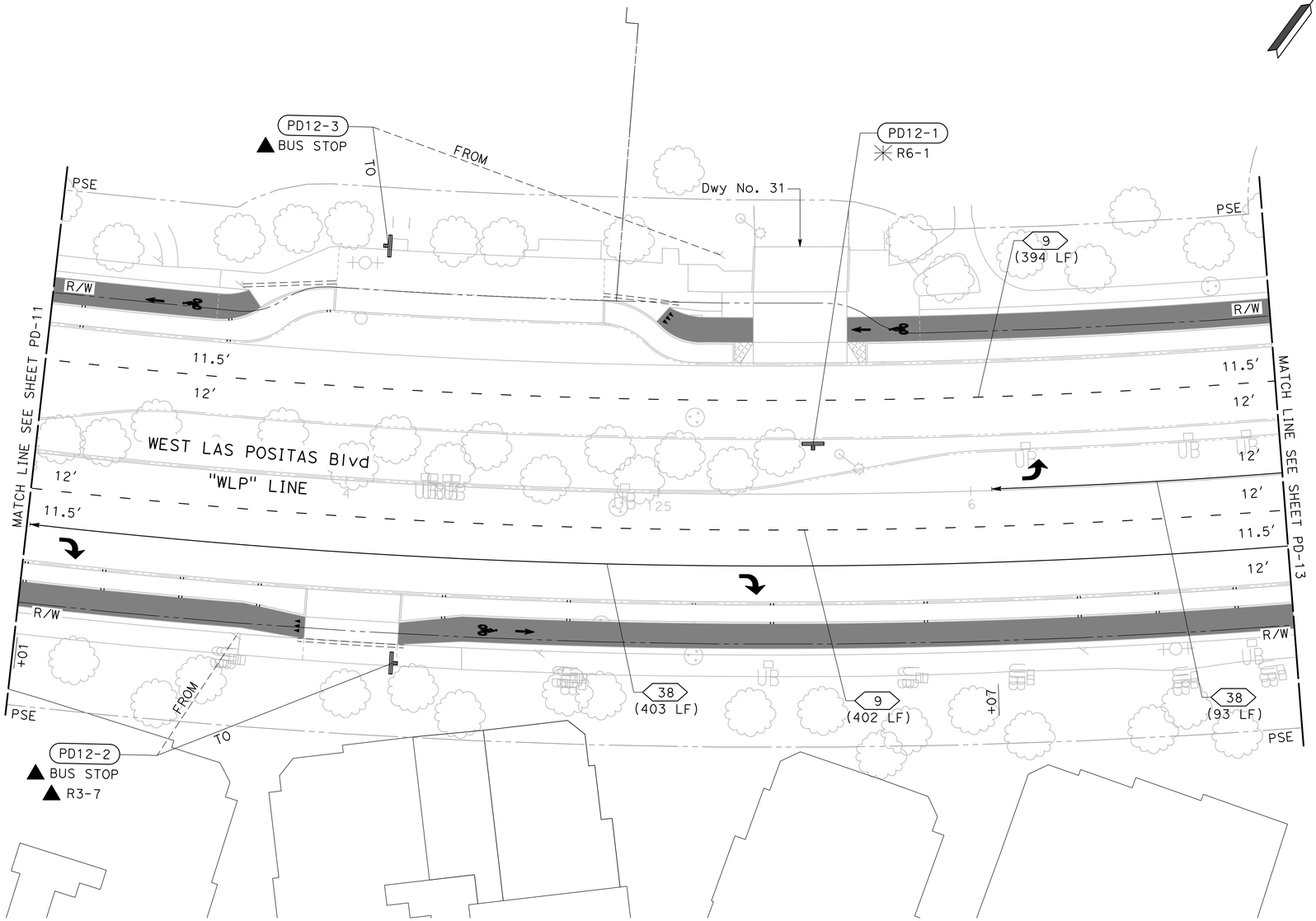

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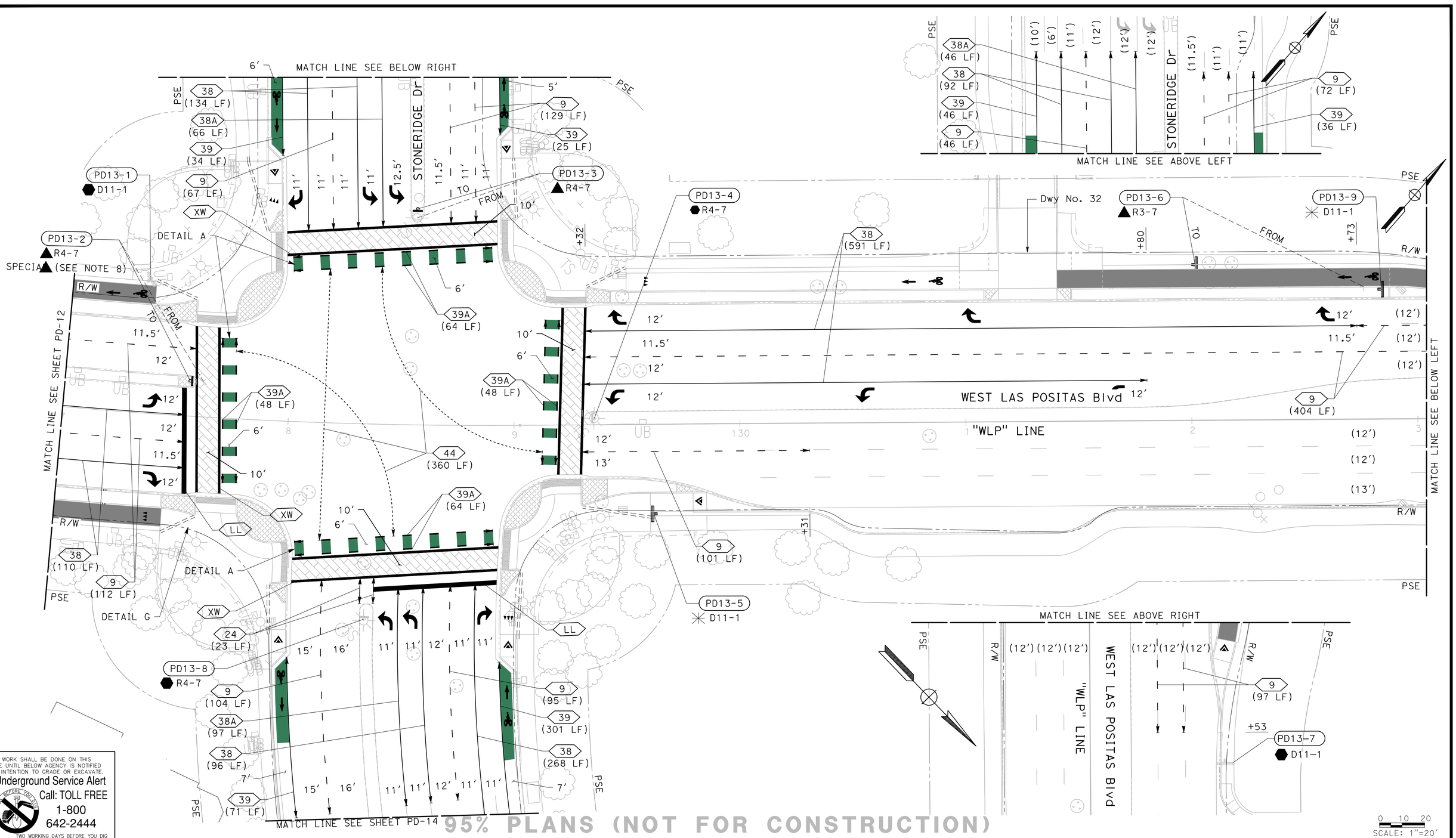

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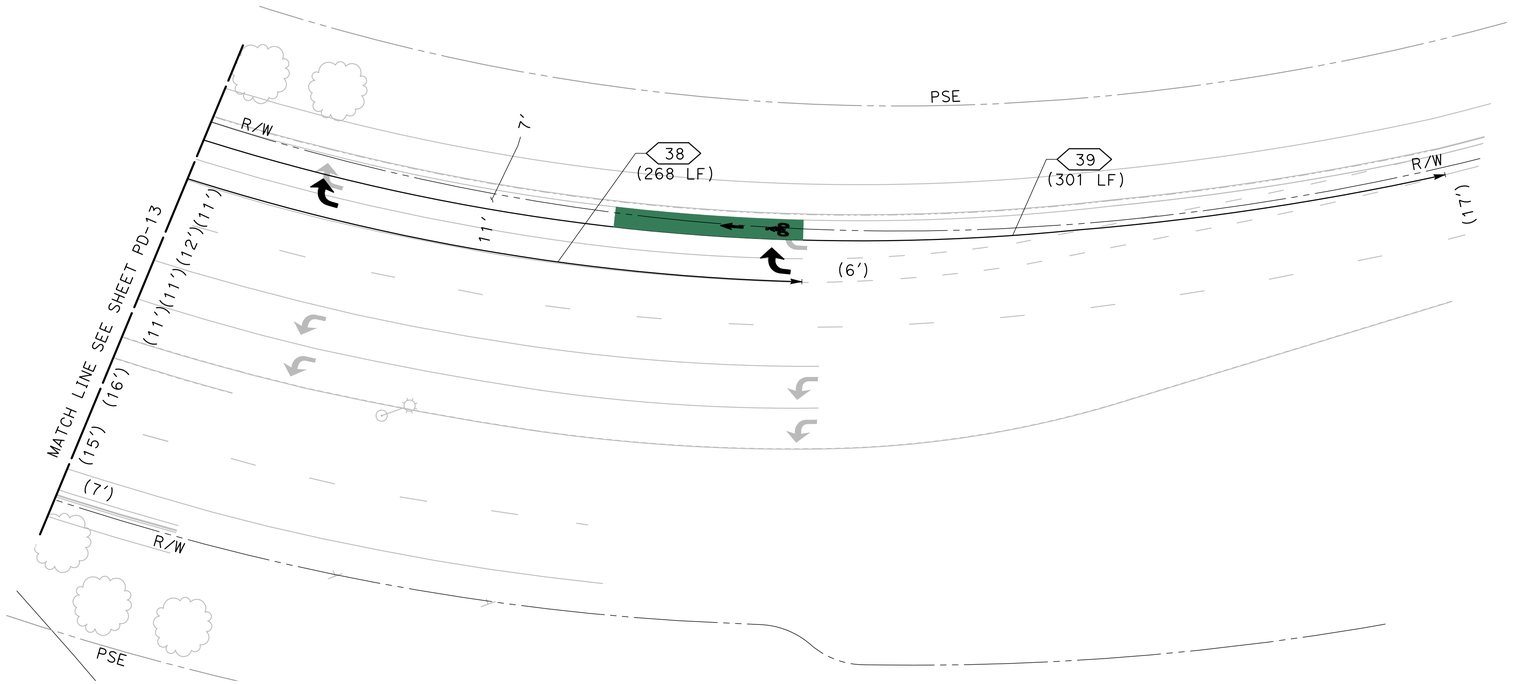

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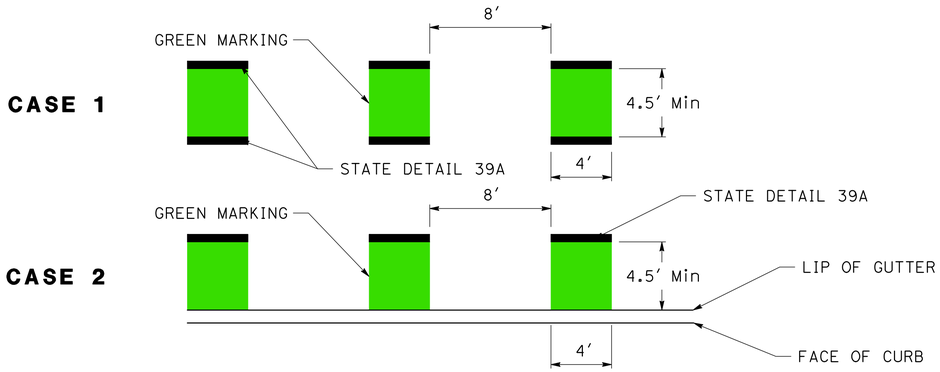
1"=20'	5/30/2025	22-20106	PD-14 182 OF 222

NOTE:

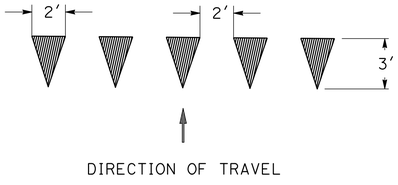
1. FOR PAVEMENT DELINATION DETAILS, SEE CALTRANS STANDARD PLANS (2024).



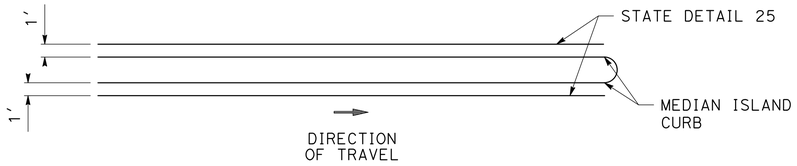
DETAIL A
GREEN BIKE LANE PAVEMENT MARKING (TYP.)

DETAIL B
CONTINENTAL CROSSWALK STRIPING

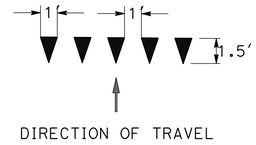
DETAIL C
LADDER CROSSWALK STRIPING (WHITE)



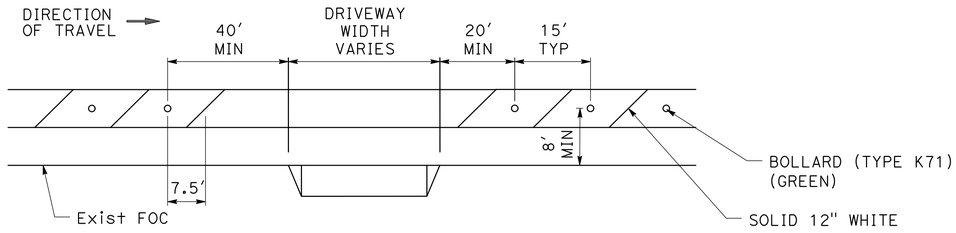
DETAIL E
YIELD LINE



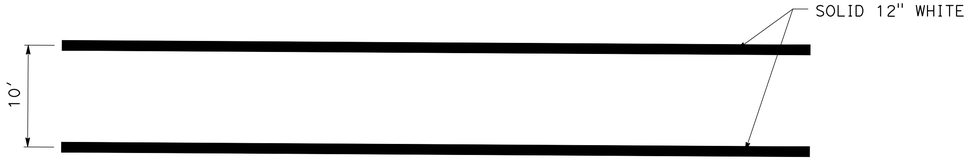
DETAIL F
MEDIAN ISLAND STRIPING



DETAIL G
YIELD LINE (BICYCLE)



DETAIL H
SEPARATED BIKE LANE TREATMENT AT DRIVEWAYS



DETAIL I
BASIC CROSSWALK STRIPING (WHITE)

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SCALE:	DATE:	PIN:	SHEET:
NO SCALE	5/30/2025	22-20106	PDD-1 183 OF 230

NOTE:

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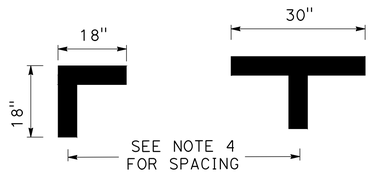
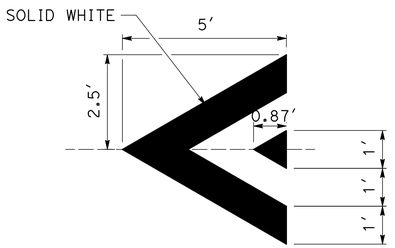


SEE PD SHEETS FOR LOCATION OF PARKING STALL TEES.

DETAIL J
PARKING STALL TEE



DETAIL K
BIKEWAY RAMP MARKING

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	5/30/2025	22-20106	PDD-2 184 OF 230

IRRIGATION EQUIPMENT LEGEND

SYMBOL	MANUF.	MODEL NO.	DESCRIPTION	DETAIL REFERENCE
C	HUNTER	ICC2	IRRIGATION CONTROLLER ASSEMBLY, ICC2 WITH 54 STATIONS FOR WA AND 48 STATIONS FOR WB, WITH STAINLESS STEEL ENCLOSURE OR APPROVED EQUAL. INSTALL PER DETAIL.	3 ID-3
M	N/A	N/A	EXISTING WATER METER, 1-1/2" SIZE.	
	ZURN	975 XL3	REDUCED PRESSURED BACKFLOW PREVENTER ASSEMBLY, WILKINS-975XL2, 1-1/2" IN WITH UNION BALL VALVES. SHALL BE ENCLOSED WITHIN INSULATED BAG AND STRONGBOX ONE-PIECE BRUSHED ENCLOSURE ON CONCRETE PAD; FINISH: BRUSHED ALUMINUM. INSTALL PER DETAIL.	1 ID-1
V	GRISWOLD	2000 SERIES	MASTER VALVE, GRISWOLD 2000 SERIES, 1-1/2" SIZE NORMALLY CLOSED AUTOMATIC VALVE. INSTALL PER DETAIL AND CONFORM WITH RECYCLED WATER USE GUIDELINES.	1 ID-4
F	CALSENSE	FM-B	FLOW SENSOR, CALSENSE FM-B 1" SIZE, WITH OPERATING RANGE OF 2-50 GPM. INSTALL PER DETAIL AND CONFORM WITH RECYCLED WATER USE GUIDELINES.	2 ID-3
	FORD	B11 SERIES	GATE VALVE, FORD BRASS BALL VALVE, B-11 SERIES, SIZE PER LINE. INSTALL PER DETAIL AND CONFORM WITH RECYCLED WATER USE GUIDELINES.	4 ID-1
	RAINBIRD	XCZ-100-PRBR	DRIP CONTROL ZONE KIT , RAINBIRD XCZ-100-PRBR, 1" SIZE WITH OPERATING RANGE OF 0.3 TO 20 GPM. BALL VALVE, FORD BRASS BALL VALVE, B-11 SERIES, SIZE PER PLAN. INSTALL PER DETAIL AND CONFORM WITH RECYCLED WATER USE GUIDELINES.	1 ID-3
	RAINBIRD	PESB-R	1" REMOTE CONTROL VALVE , RAINBIRD PESB-R, MODEL 100-PESB-R; 1" NPT. SIZE PER PLAN WITH OPERATING RANGE OF 0.3 TO 20 GPM. INSTALL PER DETAIL AND CONFORM WITH RECYCLED WATER USE GUIDELINES.	2 ID-1
	RAINBIRD	44-NP	QUICK COUPLING VALVE, RAINBIRD 44-NP, 1" SIZE. INSTALL PER DETAIL AND CONFORM WITH RECYCLED WATER USE GUIDELINES.	3 ID-1
2"	PVC	SCH 80	IRRIGATION MAINLINE, SCH 80 PVC 2" OR LARGER, SIZE PER PLANS. 24" DEEP, INSTALL PER CITY STANDARD DETAILS. COLOR: PURPLE	
1"	PVC	SCH 40	LATERAL LINE, SCH. 40 PVC, SIZE PER PLANS. 18" DEEP, INSTALL PER CITY STANDARD DETAILS. COLOR: PURPLE	2 ID-2
4"	PVC	SCH 80	SLEEVE, SCH 80 PVC. SLEEVE SHALL BE TWICE THE DIAMETER OF THE PIPE SIZE. COVER TO BE INDICATED IN SPECS. PIPE DEPTH OF COVER, INSTALL PER CITY STANDARD DETAILS. CONTRACTOR TO PROVIDE EXTRA SLEEVE ADJACENT TO PROPOSED SLEEVE WHEN NECESSARY. SIZE SLEEVES PER DETAILS AND SEE PLANS FOR LOCATIONS.	

WA-1 — CONTROLLER VALVE NUMBER
1" | 2.0 — APPROXIMATE GPM THROUGH VALVE
VALVE SIZE

IRRIGATION LEGEND

SYMBOL	MANUF.	MODEL NO.	DESCRIPTION	GPM/ GPH	DETAIL REFERENCE
	RAINBIRD	RWS-B-C-1401	TREE BUBBLER, RAINBIRD RWS-B-C-1401, 0.25 GPM, FULL CIRCLE, TRICKLE PATTERN. LOCATE AT TREE PLANTING, TWO PER TREE. INSTALL PER DETAIL.	0.50 GPM	3 ID-2
	NETAFIM	TLHCVXR-RW7-12	SUBSURFACE DRIP IRRIGATION FOR BIORETENTION AREA, NETAFIM TECHLINE HCVXR-RW7-12 DRIPLINE WITH THE DRIPLINES LAYOUT TO BE 12" ON CENTER, WITH AUTOMATIC FLUSH VALVE, NETAFIM TLFV-1 IN 6" ROUND BOX AND AIR-RELIEF VALVE, NETAFIM TLAVRV IN 6" ROUND BOX. INSTALL PER DETAILS AND CONFORM WITH RECYCLED WATER USE GUIDELINES.	0.77 GPH	6 ID-1
	NETAFIM	TLHCVXR-RW3-18	SUBSURFACE DRIP IRRIGATION FOR PLANTING AREA, NETAFIM TECHLINE HCVXR-RW3-18 DRIPLINE WITH THE DRIPLINES LAYOUT TO BE 18" ON CENTER, WITH AUTOMATIC FLUSH VALVE, NETAFIM TLFV-1 IN 6" ROUND BOX AND AIR-RELIEF VALVE, NETAFIM TLAVRV IN 6" ROUND BOX. INSTALL PER DETAILS AND CONFORM WITH RECYCLED WATER USE GUIDELINES.	0.33GPH	6 ID-1
A	NETAFIM	TLAVRV	AIR-RELIEF VALVE, NETAFIM TLAVRV. LOCATE AT HIGHEST POINT IN SYSTEM AND INSTALL PER DETAIL.	N/A	4 ID-2
F	NETAFIM	TLFV-1	AUTOMATIC FLUSH VALVE, NETAFIM TLFV-1. LOCATE AT LOWEST POINT AND INSTALL PER DETAIL.	N/A	5 ID-1

LEGEND

ONSITE IRRIGATION REPLACEMENT IN KIND. SEE NOTE #20 THIS SHEET.

IRRIGATION NOTES

1. THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC., SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY. ALWAYS INSTALL PIPING AND VALVES IN PLANTING AREAS WHERE POSSIBLE, AND LOCATE PULL BOXES AND QUICK COUPLING VALVES IN GROUND COVER/SHRUB AREAS, 6" TO 12" AWAY FROM EDGE OF SIDEWALK AND CURBS FOR EASY ACCESS.
2. THE IRRIGATION SYSTEM IS BASED ON THE MINIMUM OPERATING PRESSURE AND THE MAXIMUM FLOW DEMAND SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY WATER PRESSURE SHOWN ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE POINT OF CONNECTION. IN THE EVENT PRESSURE DIFFERENCES ARE NOT REPORTED IN WRITING PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY NECESSARY REVISIONS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE THEMSELVES WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, STRUCTURES, AND UTILITIES. THE CONTRACTOR SHALL EXERCISE EXTREME CARE AND BE RESPONSIBLE FOR ANY DAMAGE IN EXCAVATING AND WORKING NEAR EXISTING UTILITIES, AND SHALL COORDINATE WORK FOR THE LOCATION OF UTILITIES AND THE INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER ROADWAYS, AND NEAR STRUCTURES. PRIOR TO CONSTRUCTION, CONTACT ALL APPLICABLE AGENCIES AND U.S.A. AT (800) 642-2444 TO FIELD LOCATE ALL EXISTING UTILITIES.
4. THE FINAL LOCATION OF THE AUTOMATIC CONTROLLER SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO INSTALLATION.
5. FOR ADDITIONAL INFORMATION, SEE PROJECT DETAILS AND SPECIFICATIONS.
6. THE CONTRACTOR SHALL FLUSH AND ADJUST ALL LINES, VALVES, AND NOZZLES FOR OPTIMUM PERFORMANCE. ADJUST ALL NOZZLES TO ELIMINATE SPRAYING ONTO WALKS, STREETS, BUILDINGS, ETC.
7. FIELD ADJUSTMENTS MAY BE REQUIRED TO PROVIDE OPTIMUM OPERATING EFFICIENCY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CITY TO REVIEW PROPOSED FIELD ADJUSTMENTS PRIOR TO INSTALLATION. IN THE EVENT THAT NO WRITTEN REQUEST IS RECEIVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REVISIONS.
8. THE CONTRACTOR SHALL SLEEVE ALL PRESSURE MAINLINE PIPE, LATERAL PIPE, AND CONTROL WIRES UNDER STREETS AND CONCRETE WALKWAYS WITH THE PROPER SIZE PVC AND DEPTH AS SPECIFIED.
9. THE CONTRACTOR SHALL INSTALL A COPPER TRACE WIRE FROM THE WATER METER TO THE BACKFLOW PREVENTER, BURIED IN THE SAME TRENCH AS THE PRESSURE SUPPLY LINE PIPING.
10. THE CONTRACTOR SHALL INSTALL ALL PIPE MATERIALS AND EQUIPMENT AS SHOWN IN THE CONSTRUCTION DETAILS. USE "TEFLON" TAPE ON ALL PVC MALE THREADS OF ALL SPRINKLER SWING JOINTS AND VALVE ASSEMBLIES EXCEPT MARLEX STYLED FITTINGS.
11. AT THE END OF THE MAINTENANCE PERIOD, THE CONTRACTOR SHALL PROVIDE COPIES OF CURRENT WATER AND ELECTRICAL METER(S) BILLS AND ACCOUNT(S) INFORMATION TO THE PROJECT LANDSCAPE INSPECTOR AND AS REQUESTED BY OTHERS. ALSO, CONTRACTOR SHALL PROVIDE COPY(IES) OF CLOSED ACCOUNT(S) INFORMATION TO THE PROJECT LANDSCAPE INSPECTOR, DURING A FINAL ACCEPTANCE OF PROJECT BY THE CITY.
12. ALL TREES SHALL BE SEPARATELY IRRIGATED WITH DEEP-WATERING TREE BUBBLERS.
13. PLANT MATERIAL WILL BE IRRIGATED WITH RECYCLED WATER.
14. ALL NEW PLANTINGS SHALL RECEIVE A NEW, DROUGHT-COMPLIANT IRRIGATION SYSTEM UTILIZING SUB-SURFACE DRIP.
15. EXISTING METERS SHALL BE TESTED AND SERVICED FOR RE-USE.
16. CONTRACTOR SHALL VERIFY OPERABILITY OF ALL EXISTING IRRIGATION SYSTEMS SHOWN TO REMAIN.
17. THE DESIGN IS BASED SOLELY UPON SITE OBSERVATIONS MADE BY THE LANDSCAPE ARCHITECT AND INFORMATION MADE AVAILABLE BY THE CITY. AS SUCH, MARK THOMAS AND THE LANDSCAPE ARCHITECT CANNOT BE HELD LIABLE FOR ANY CHANGES, INACCURACIES, OMISSIONS, OR OTHER ERRORS ON THESE PLANS CAUSED BY LACK OF INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE PLANS AND INCORPORATING/INTEGRATING ALL CONSTRUCTION AS REQUIRED TO REPLACE PLANTING. THE CONTRACTOR MUST FAMILIARIZE THEMSELVES WITH THE EXISTING IRRIGATION SYSTEMS AND RETURN THE SYSTEMS BACK TO THEIR ORIGINAL OPERATING CONDITIONS. ALL EXISTING IRRIGATION EQUIPMENT LOCATIONS, SIZES, AND CONDITIONS SHALL BE VERIFIED IN FIELD WITH THE CITY'S REPRESENTATIVE AT THE START OF WORK.
18. CONTRACTOR SHALL COORDINATE WITH CITY REPRESENTATIVE AND PERFORM FLOW TESTING FOR OPERABILITY OF EXISTING IRRIGATION SYSTEM PRIOR TO NEW INSTALLATION. REPAIR OR REPLACE DAMAGED IRRIGATION EQUIPMENT DUE TO CONSTRUCTION. ALL EXISTING SYSTEMS TO REMAIN OPERATIONAL AND ALL EXISTING PLANTING TO REMAIN SHALL BE MAINTAINED DURING CONSTRUCTION UNLESS OTHERWISE SHOWN.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ANY PORTIONS OF EXISTING IRRIGATION SYSTEMS TO REMAIN IN ORDER TO ENSURE THAT FULL IRRIGATION COVERAGE IS PROVIDED BETWEEN NEW AND EXISTING SYSTEMS.
20. THE CONTRACTOR SHALL MODIFY THE EXISTING IRRIGATION SYSTEM BY:
    - ADJUSTING EXISTING NOZZLES, ARCS, AND/OR HEAD LOCATION AS NEEDED TO AVOID OVERSPRAY ONTO EXISTING AND NEW WALKWAYS AND PAVED SURFACES
    - CONFIRMING EXISTING PRESSURE AND CAPACITY ON EXISTING IRRIGATION SYSTEMS TO ADD VALVES AS SHOWN
    - REPLACING/REPAIRING EXISTING PLANTING BACK TO ITS ORIGINAL CONDITION IF IMPACTED BY IRRIGATION MODIFICATIONS
    - PREPARING A SHOP DRAWING TO SHOW MODIFICATIONS REQUIRED TO EXISTING SYSTEMS FOR APPROVAL BY THE CITY PRIOR TO CONSTRUCTION
    - RELOCATIONS ADDITIONAL EQUIPMENT NECESSARY TO COMPLETE THIS TASK WILL BE CHANGE ORDER WORK.
    - FOLLOWING CITY'S RECLAIMED WATER STANDARDS AND SPECIFICATIONS.

95% SUBMITTAL

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LIC#6337
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

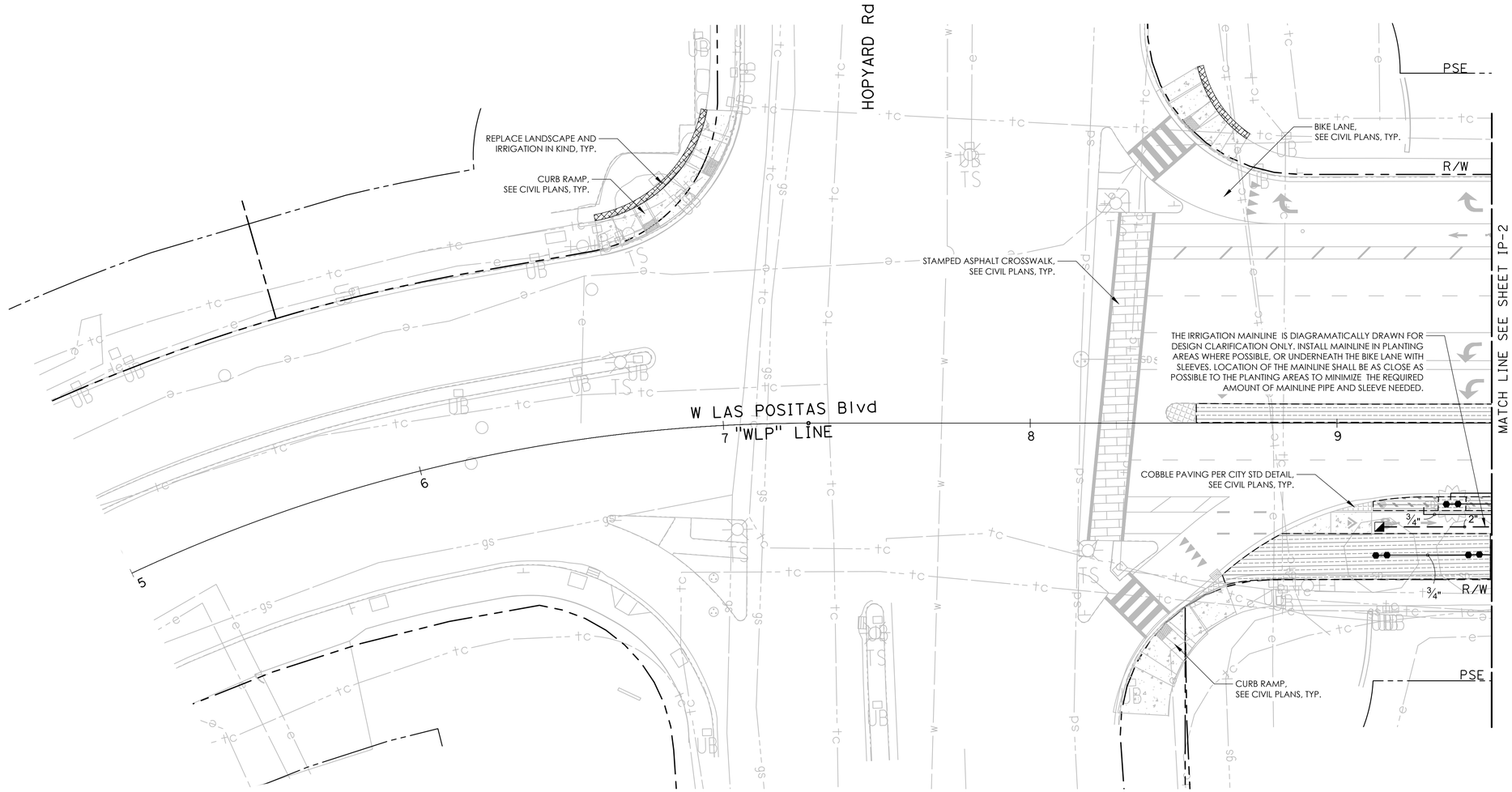
THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
IRRIGATION LEGEND AND NOTES

SCALE:	DATE:	PIN:	SHEET:
	5/30/2025	AL-20106	IL-1 185 OF 230



NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% SUBMITTAL

0' 10' 20' 40'

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
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IRRIGATION PLAN

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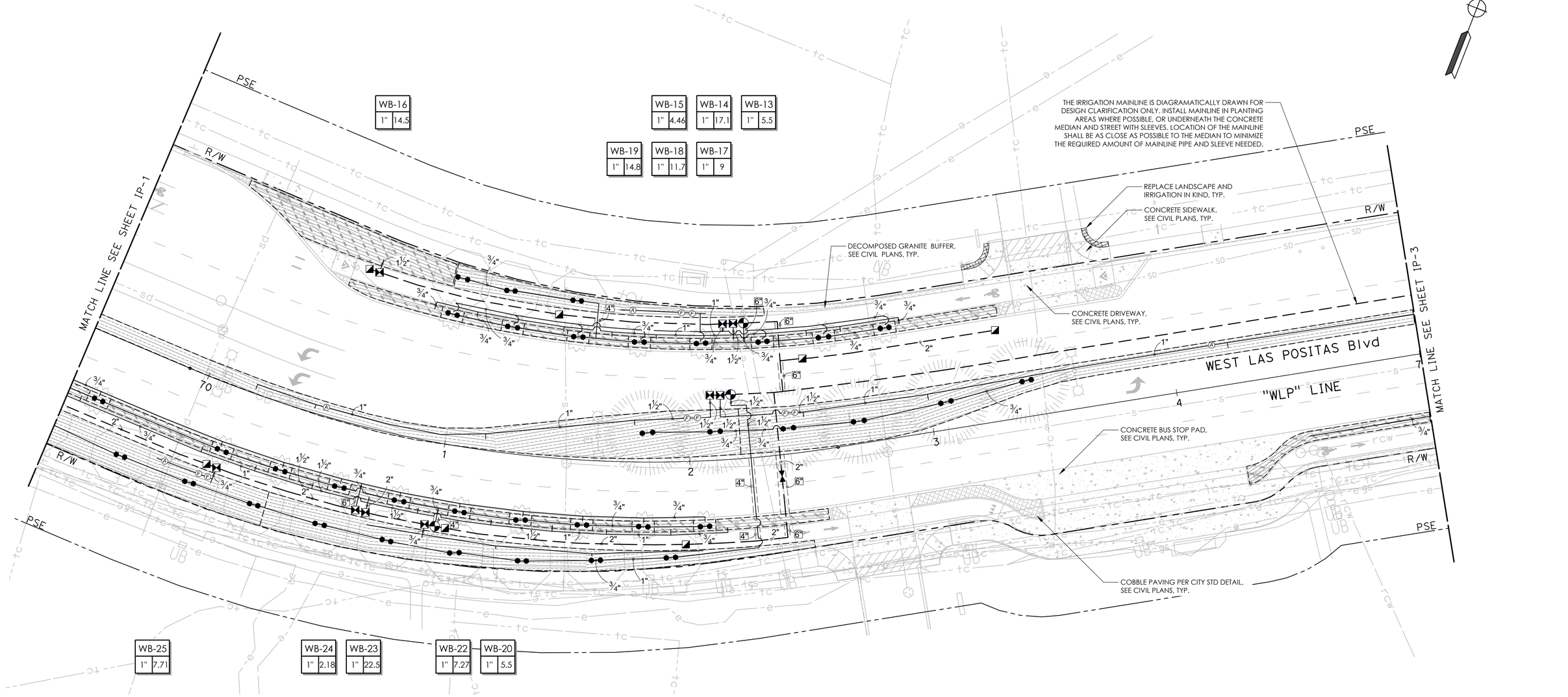
1"=20'	5/30/2025	AL-20106	IP-1 186 OF 230



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CHRISTINE ANDERSON LA#5577
Signature
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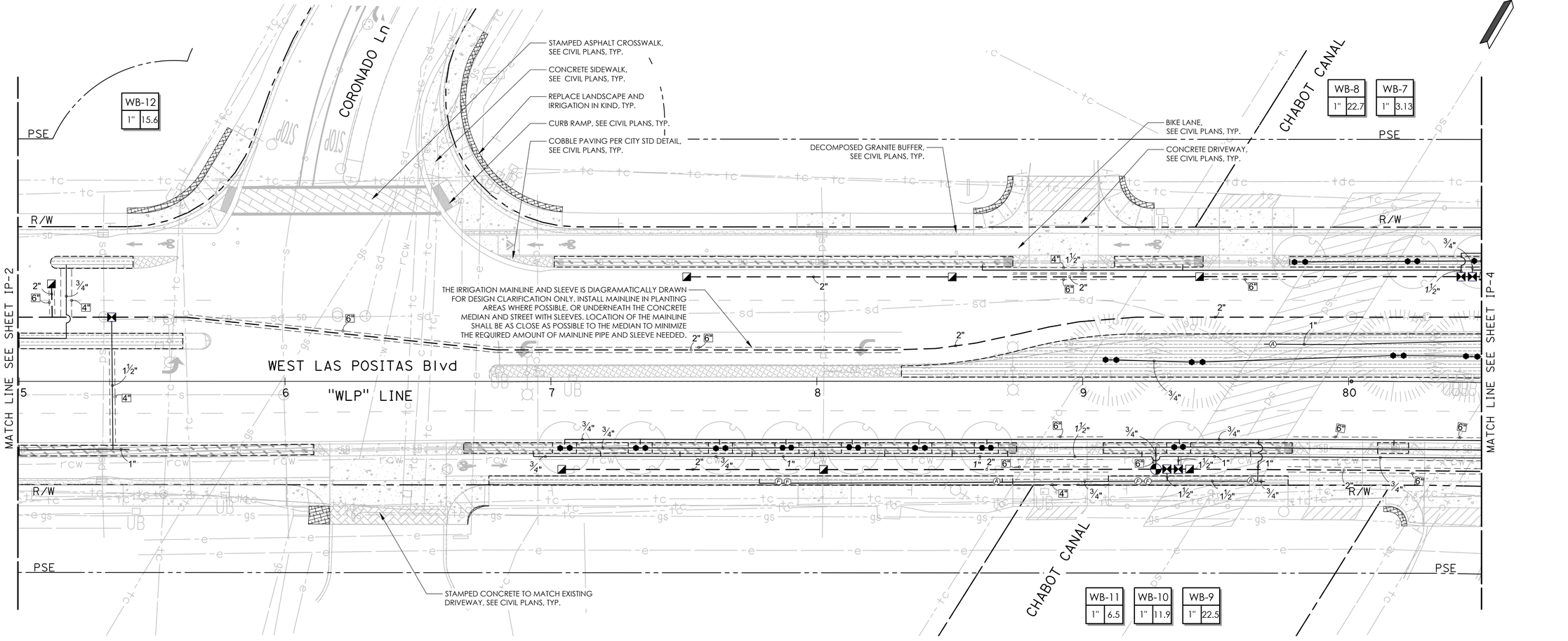

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CHRISTINE ANDERSON 6/30/2027
Signature
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Renewal Date
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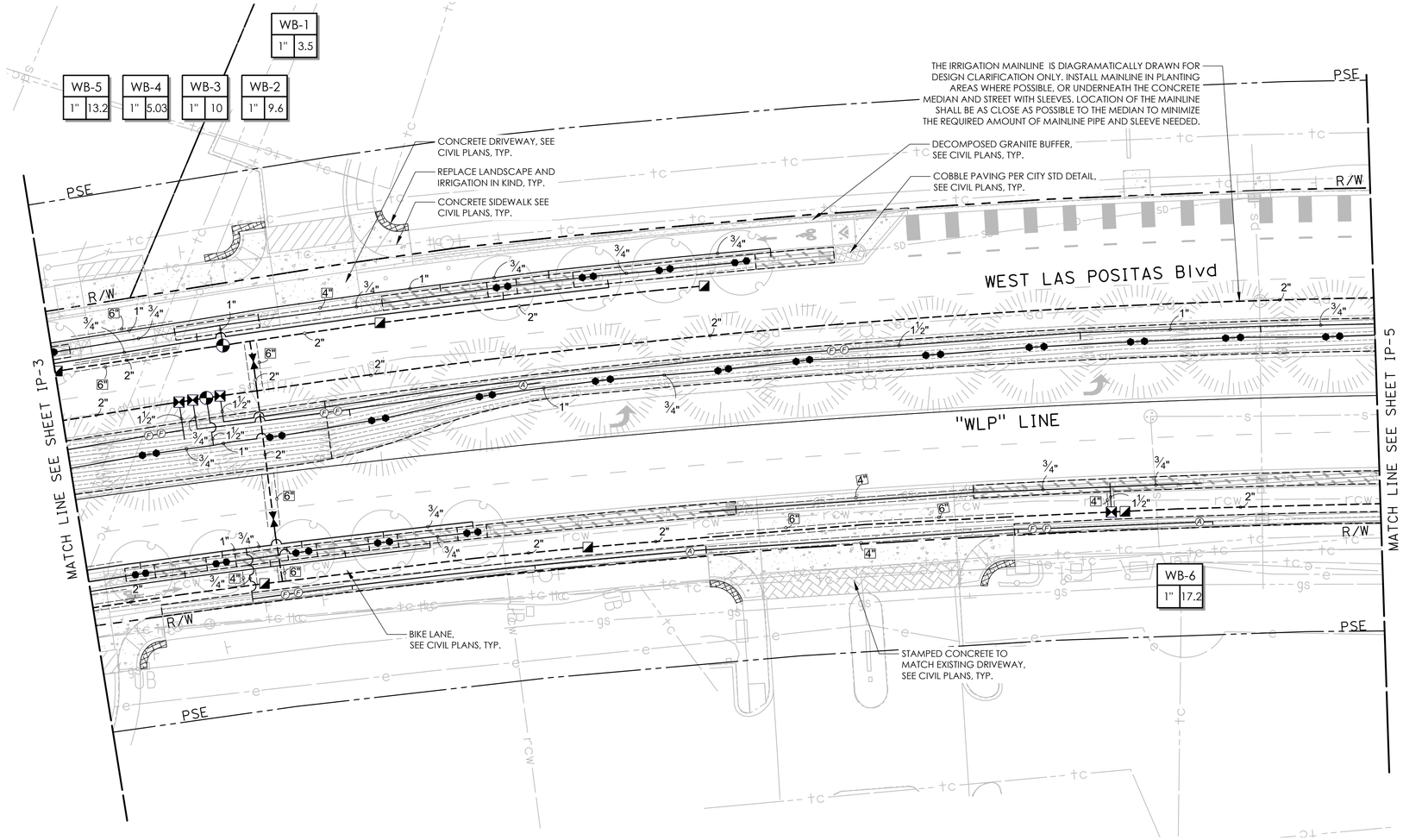

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LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LICA3577
Signature
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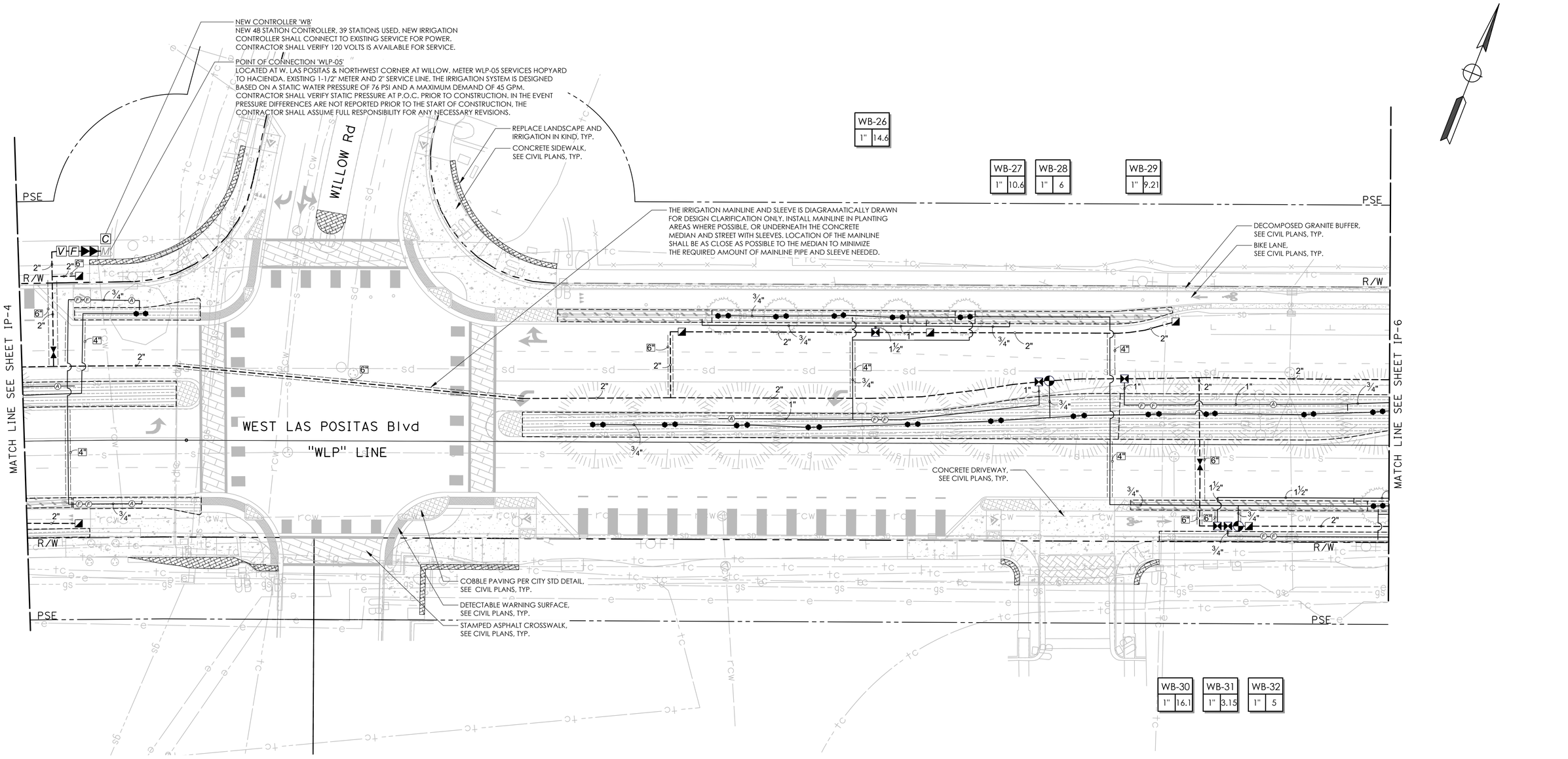

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LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON (C#5317)
Signature
02-28-2027
Renewal Date
Date
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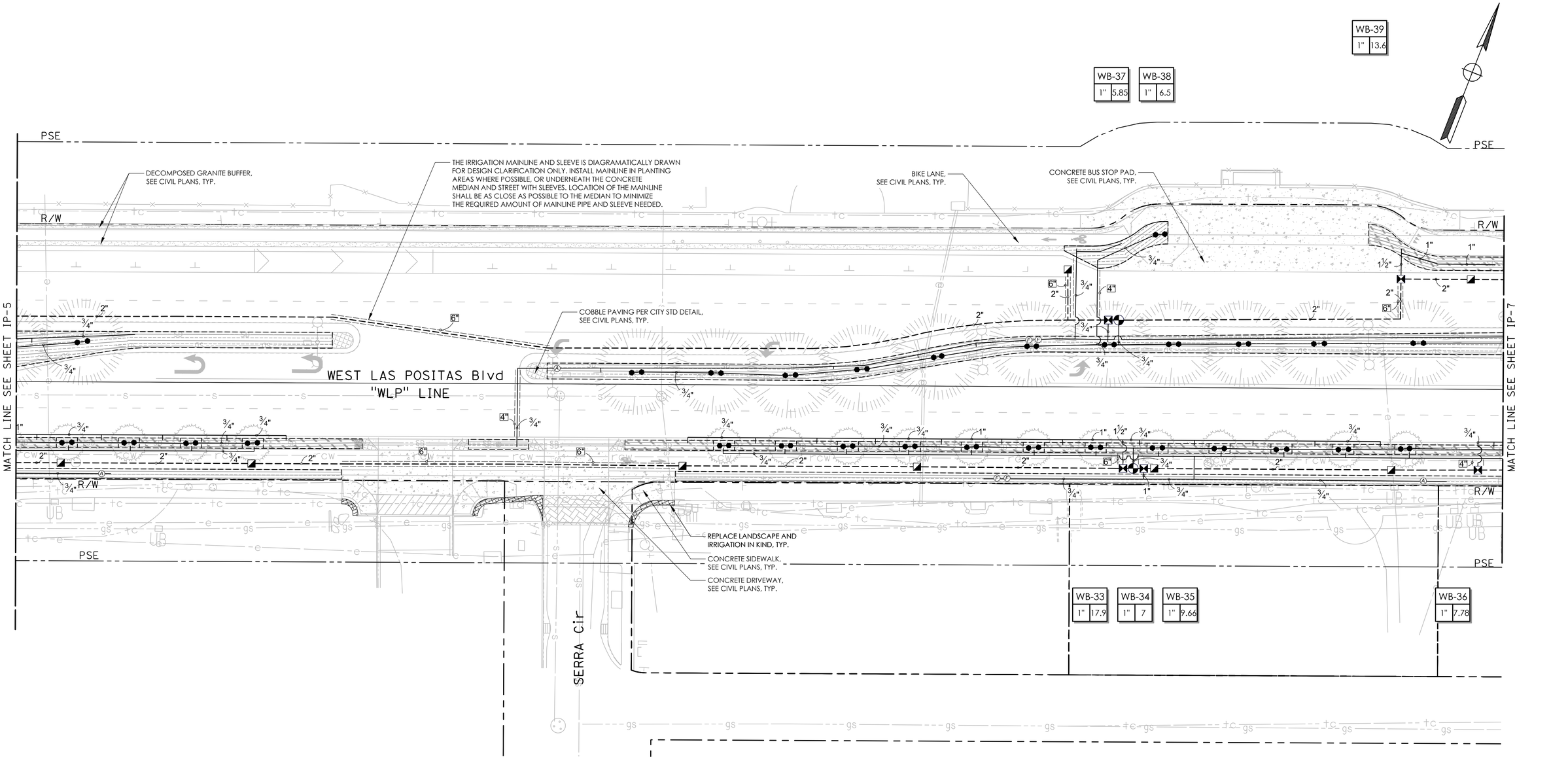

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CHRISTINE ANDERSON LICA3177
Signature
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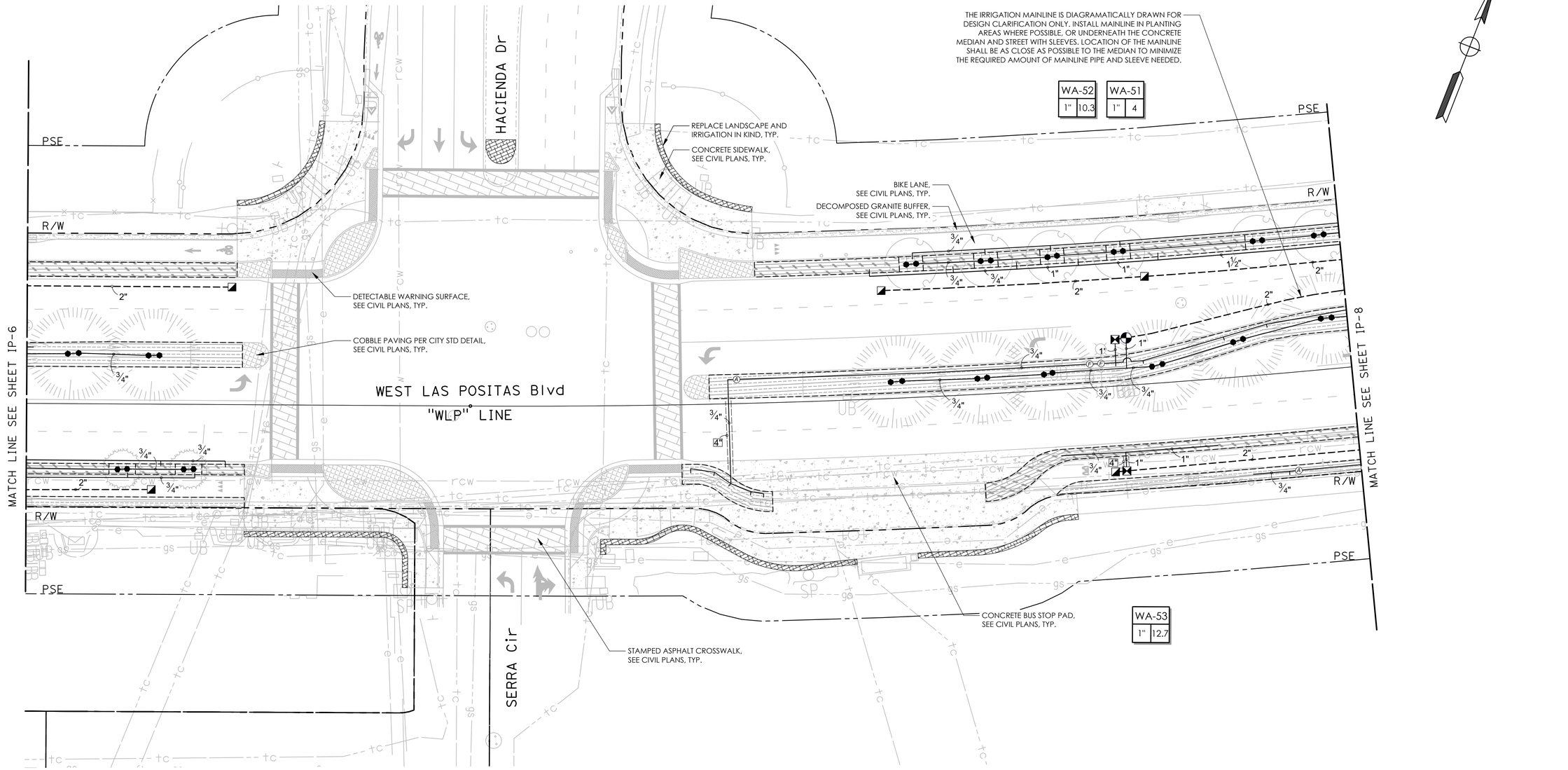

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LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LA6837
Signature
02-28-2027
Renewal Date
Date
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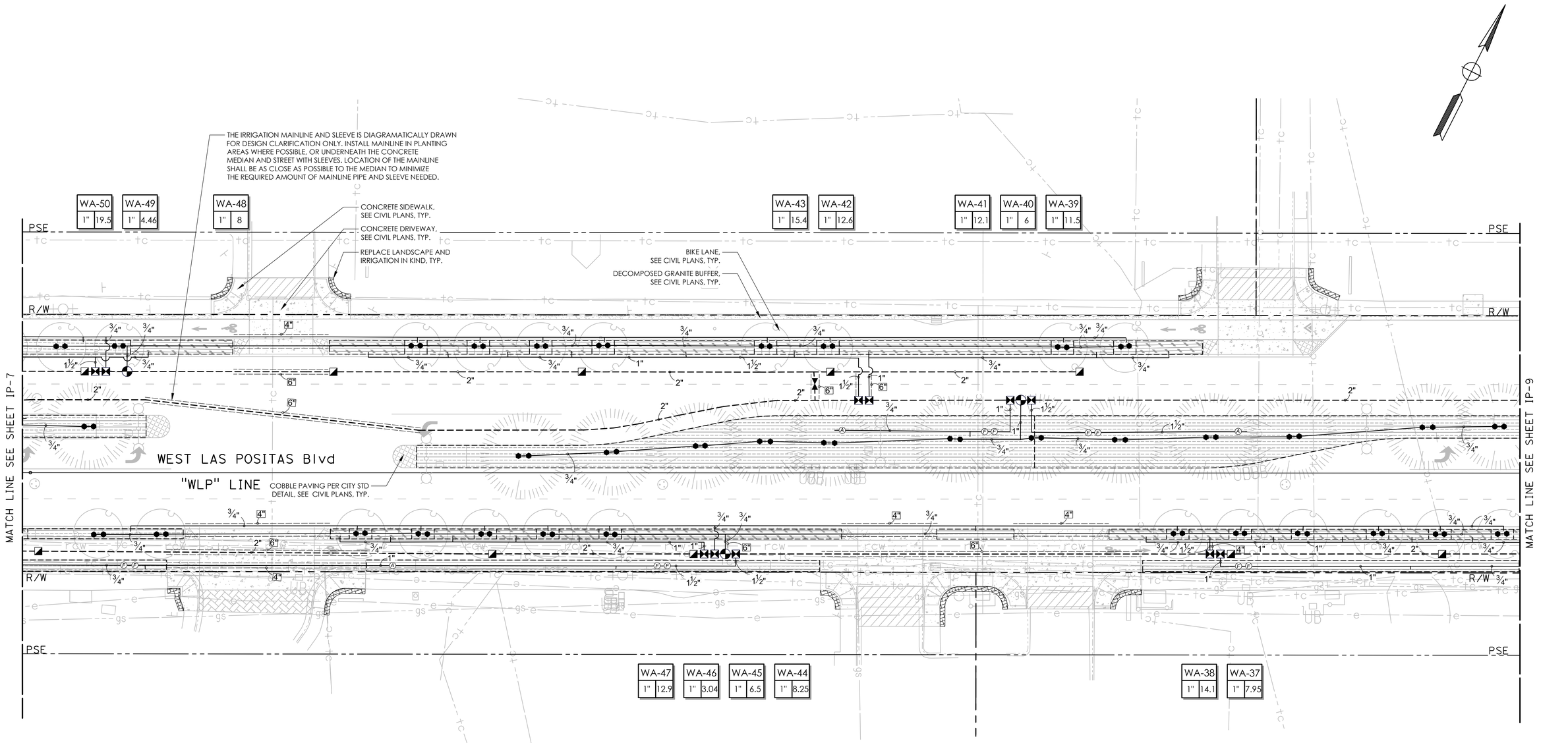

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CHRISTINE ANDERSON LICENSE
Signature
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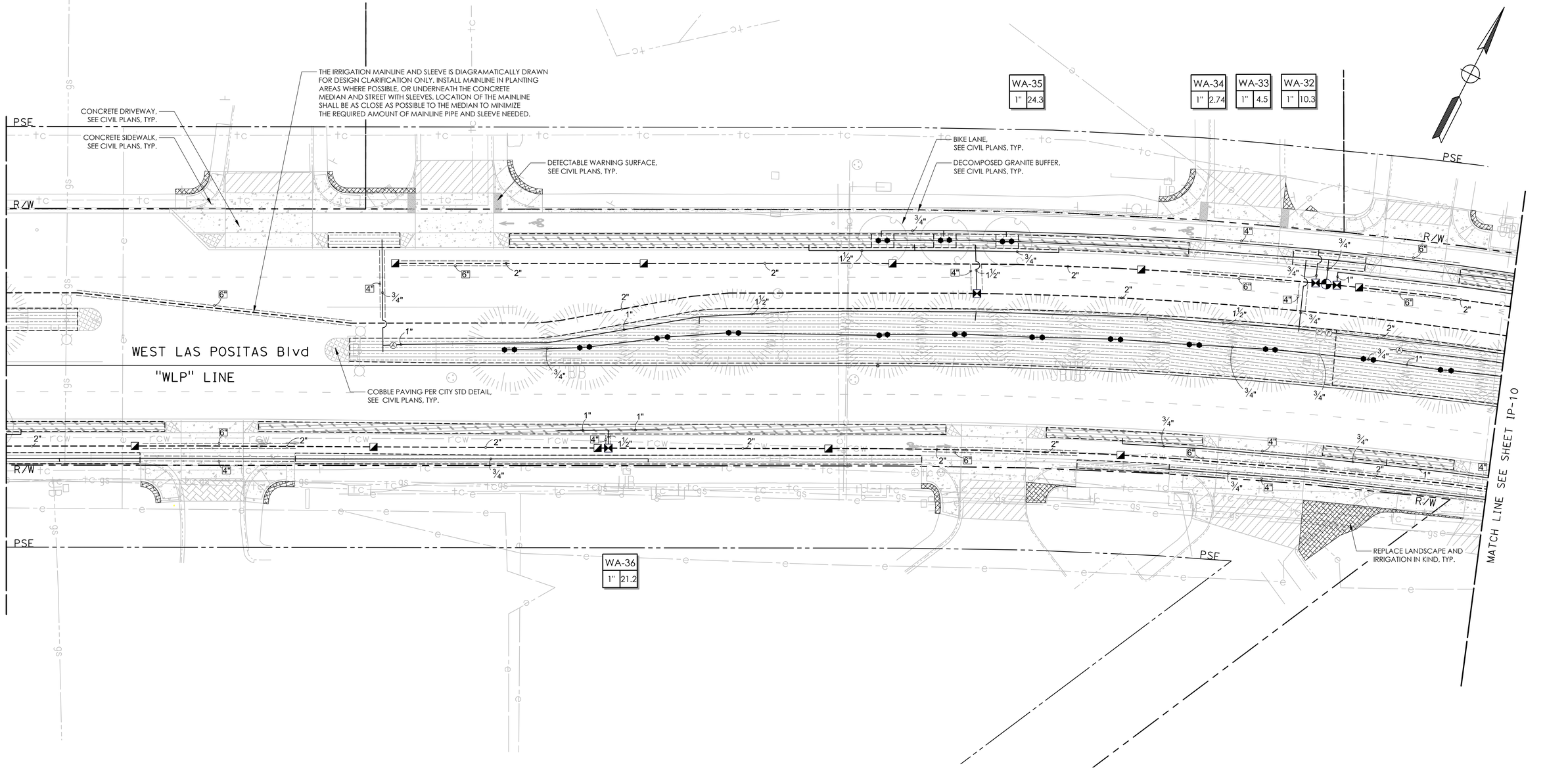

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(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LICA3577
Signature
02-28-2027
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THE CITY OF PLEASANTON

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CITY OF PLEASANTON
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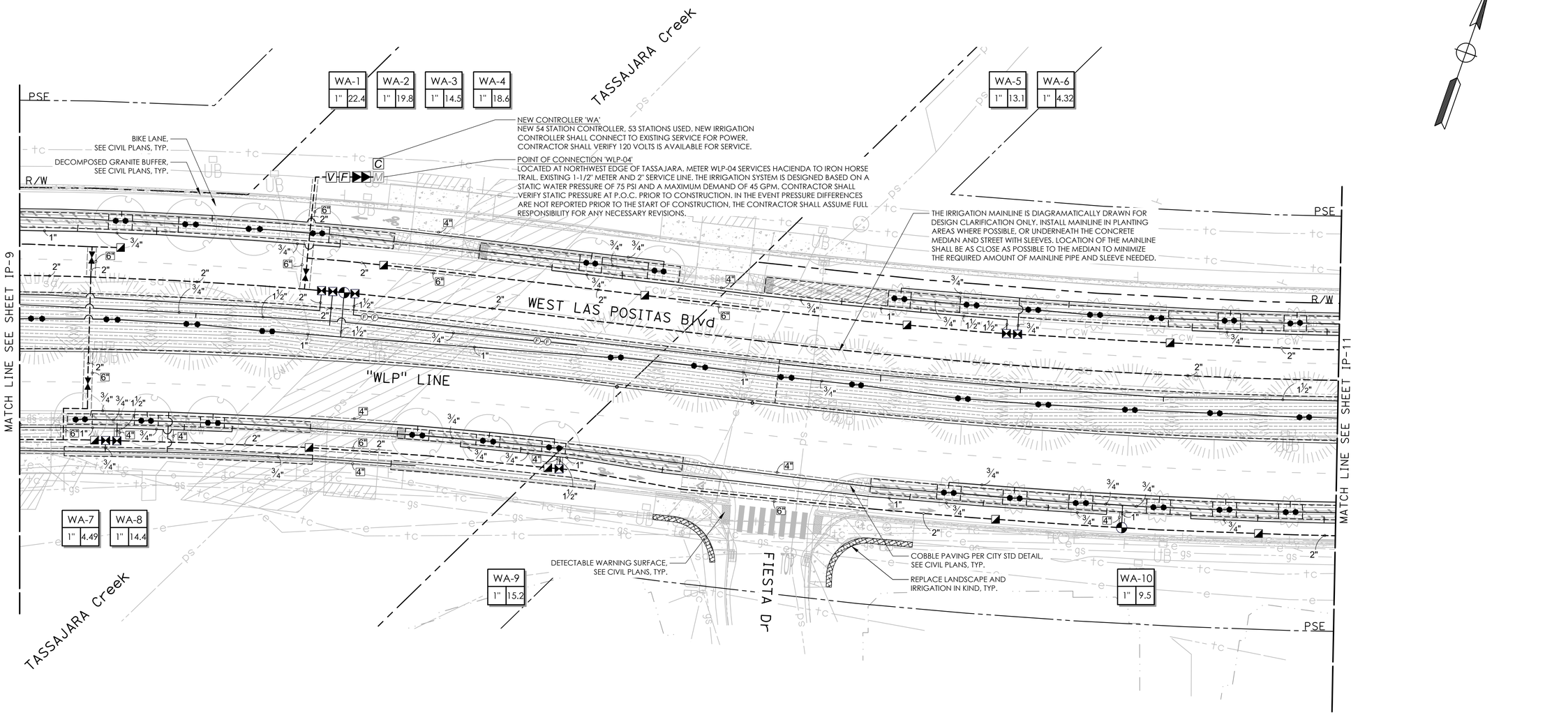

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MARK THOMAS
1970 BROADWAY, SUITE 760
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(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON 1404377
Signature
02-28-2027
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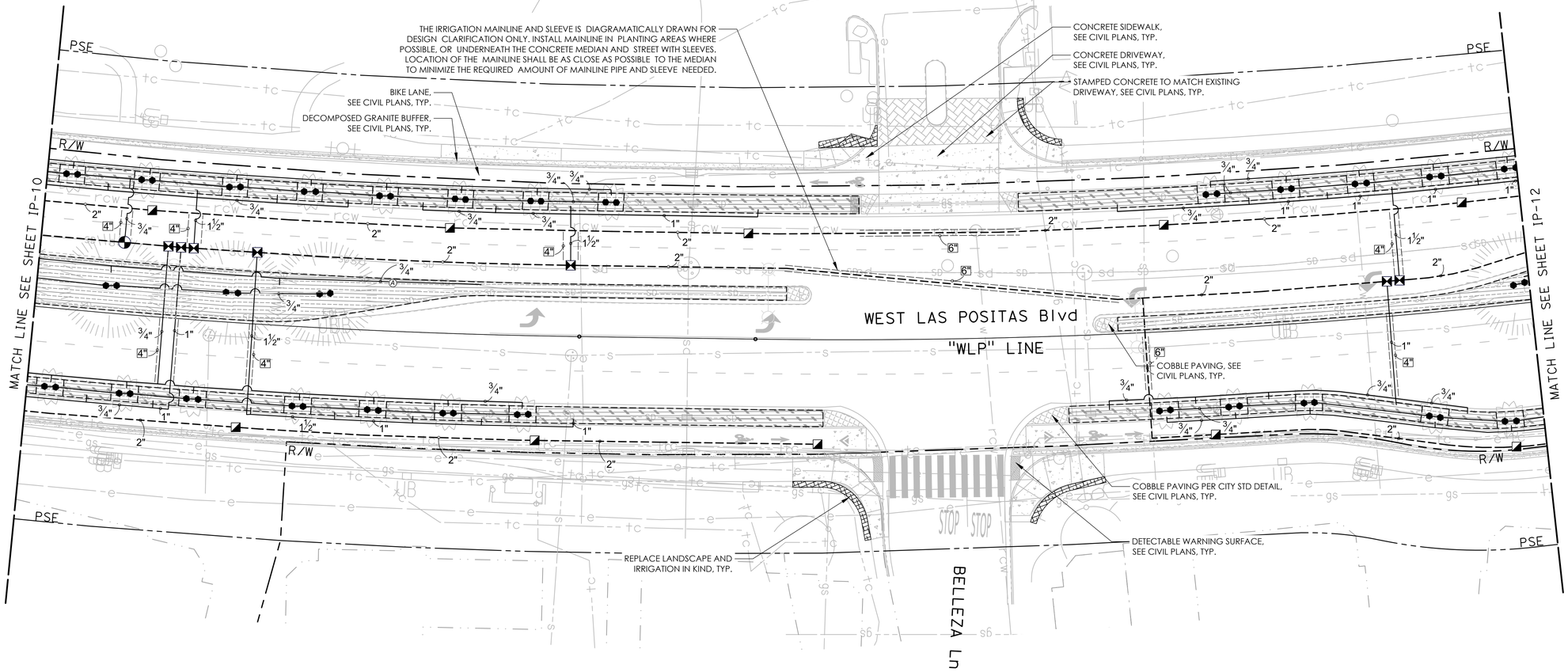
1"=20'	5/30/2025	AL-20106	IP-10 195 OF 230

WA-11		WA-12		WA-13		WA-14		WA-15		WA-16		WA-19		WA-20	
1"	7.5	1"	2.93	1"	8.17	1"	13.6	1"	17.0	1"	13.8	1"	11.0	1"	23.2



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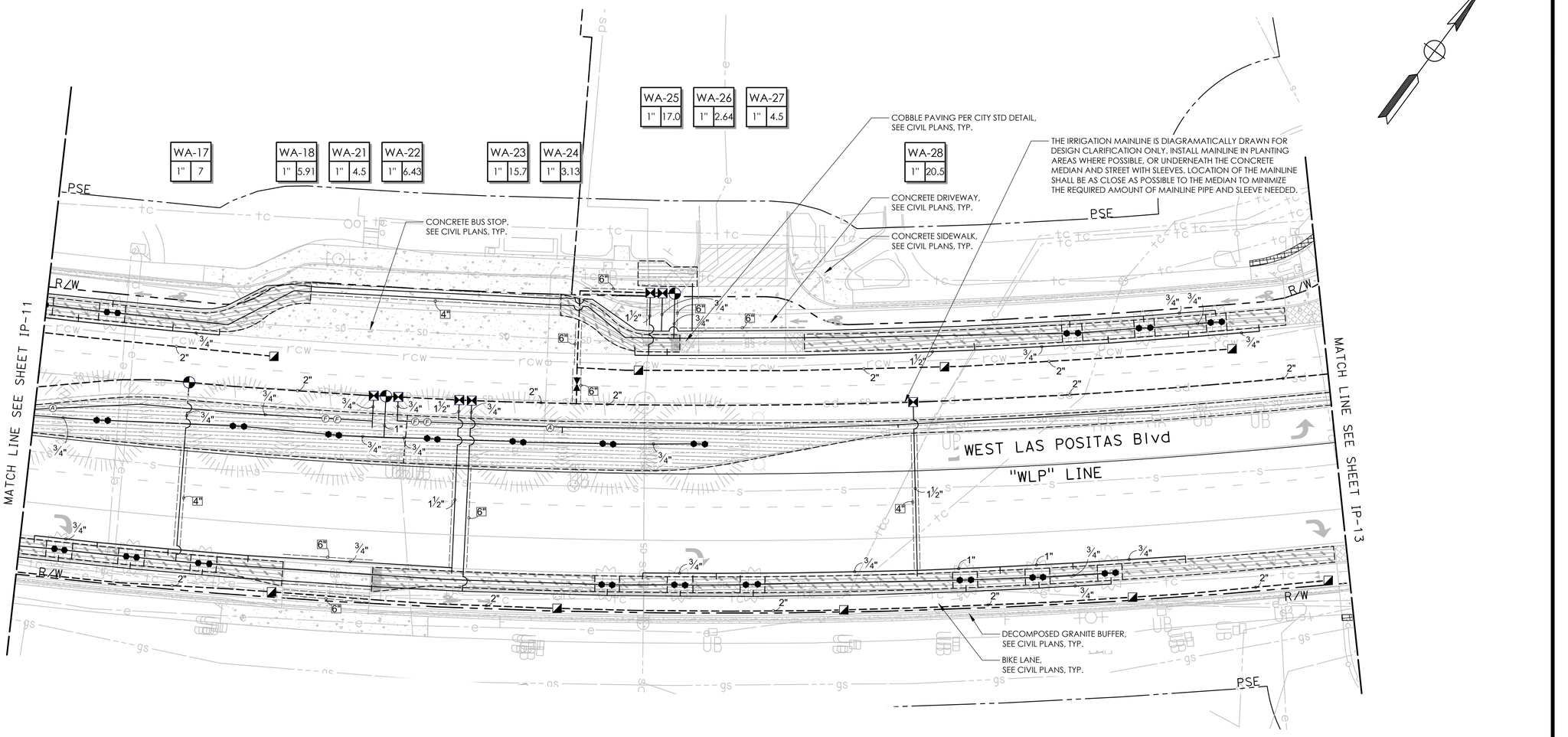

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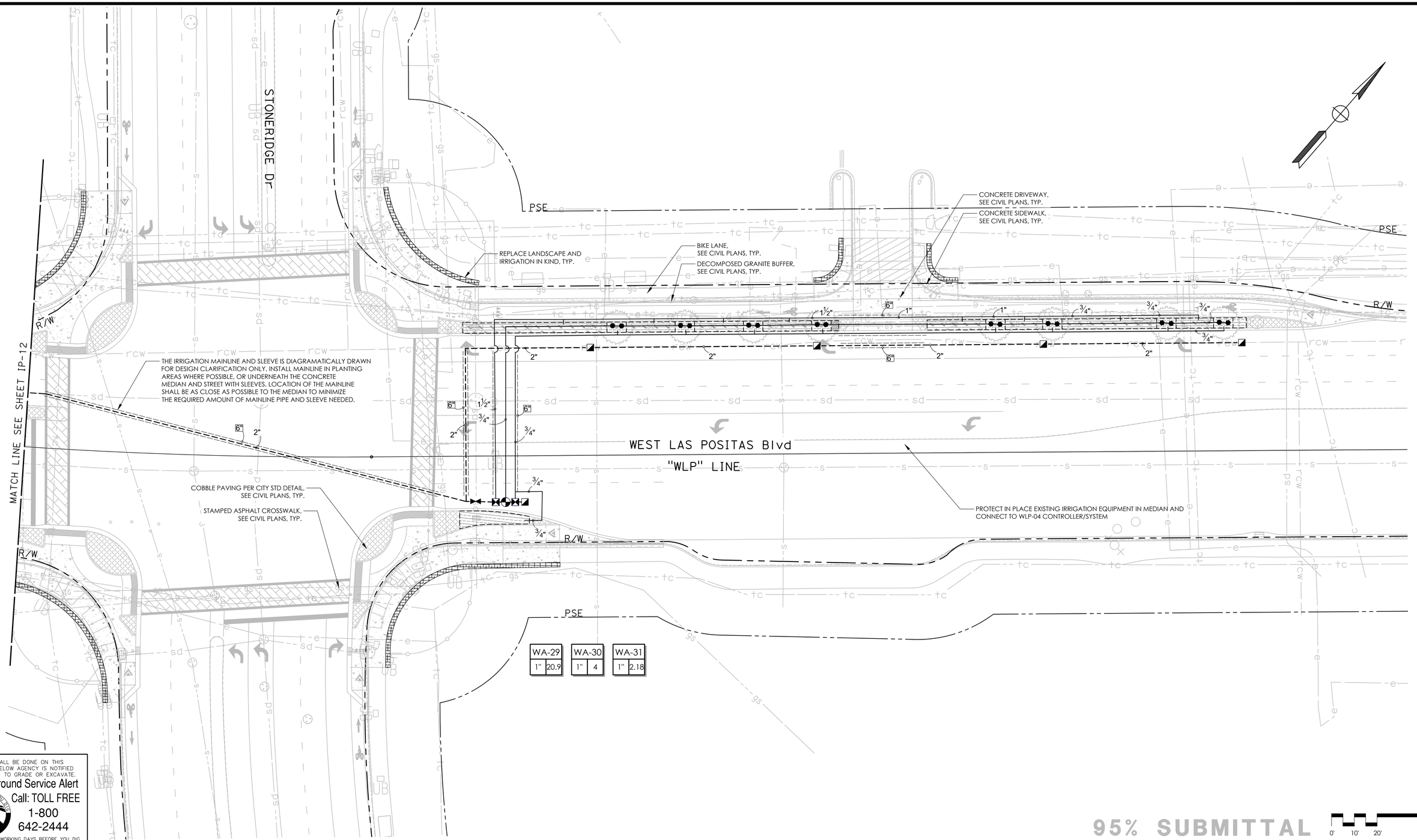

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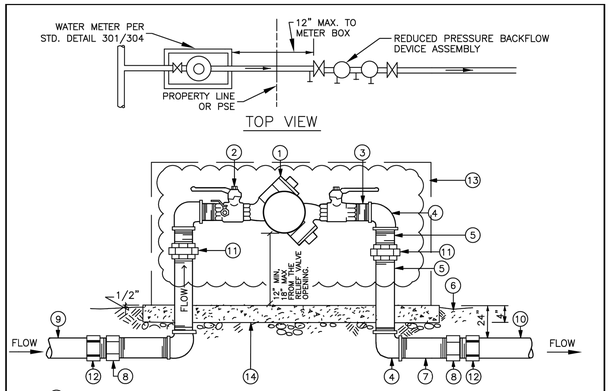


1. REDUCED PRESSURE BACKFLOW PREVENTER DEVICE
2. SHUTOFF VALVE, BALL TYPE
3. SHORT NIPPLE; RED BRASS
4. ELBOW; BRONZE
5. NIPPLE; LENGTH AS REQUIRED, RED BRASS
6. FINISH GRADE
7. SHORT NIPPLE; RED BRASS
8. COUPLING; RED BRASS
9. PRESSURE LINE FROM WATER METER
10. MAIN LINE; SIZE PER PLAN
11. UNION; BRONZE OR BRASS
12. SCH 80 PVC MALE ADAPTER (SXT)
13. PROVIDE INSULATED BAG INSIDE "STRONG BOX" (SEE NOTE 4)
14. CONCRETE PAD AS REQ'D FOR "STRONG BOX" (SEE NOTE 4)

NOTES:
1. ALL BACKFLOW PREVENTION ASSEMBLIES SHALL BE ON THE USC FCCCHR APPROVED LIST.
2. IF MAX. DISTANCE BETWEEN WATER METER BOX AND REDUCED PRESSURE PRINCIPAL ASSEMBLY EXCEEDS 12", A CONCRETE CAP SHALL BE PLACED OVER THE WATER LINE.
3. ALL PIPING SHALL CONFORM WITH THE LATEST EDITION OF THE UNIFORM PLUMBING CODE.
4. WEATHER PROTECTION DEVICES TO PROTECT PIPES FROM FREEZING SHALL REQUIRE APPROVAL BY THE PLANNING DIVISION PRIOR TO INSTALLATION. SUCH MATERIAL SHALL BE REPLACED AS THEY BECOME WORN OUT. CITY MAINTAINED SYSTEMS SHALL HAVE "STRONG BOX" AND INSULATED BAGS UNLESS NOTED OTHERWISE.
5. TYPE "L" COPPER CAN BE USED FOR ALL FITTINGS ONLY WITH THE APPROVAL OF THE ENGINEER.
6. FITTINGS SHALL HAVE CLASSIFICATION OF 125 LBS.

DRAWN BY:	STAFF
CHECKED BY:	AN
SCALE:	N.T.S.

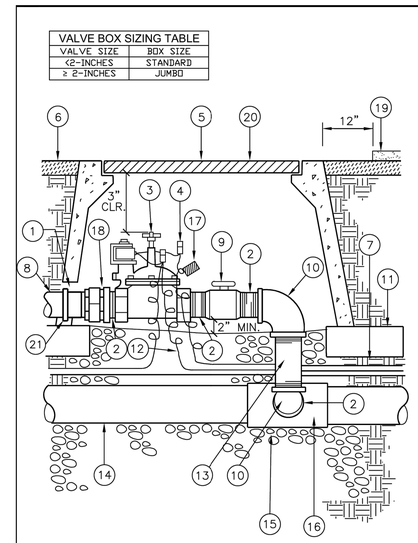
CITY OF PLEASANTON
STANDARD DETAILS
BACKFLOW PREVENTER FOR DOMESTIC OR IRRIGATION SERVICE

REGISTERED PROFESSIONAL ENGINEER — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

DATE : 7/24 | DWG NO. 706

1 REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY

ID-1 CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS N.T.S.



VALVE BOX SIZING TABLE	
VALVE SIZE	BOX SIZE
<2-INCHES	STANDARD
≥ 2-INCHES	JUMBO

1. 1" CLEARANCE OVER PIPE
2. SCHEDULE 80 PVC SHORT NIPPLE
3. REMOTE CONTROL VALVE
4. 3M DBY DIRECT BURY WATERPROOF SPLICE KIT
5. LOCKING VALVE BOX WITH LID WITH ID PER SPECS
6. BOX SHALL BE FLUSH WITH GRADE IN TURF AREAS, 1" ABOVE GRADE IN MULCH AREA
7. COMPACTED SUB GRADE
8. LATERAL LINE; 8" LENGTH PRIOR TO FIRST FITTING
9. LINE SIZE FORD BRASS BALL VALVE
10. SCHEDULE 80 PVC/TxT 90° EL.
11. COMMON BRICK, TYPICAL ALL FOUR CORNERS OF VALVE BOX
12. CONTROL AND COMMON WIRES, PROVIDE MIN. 18" COILED EXTRA
13. SCHEDULE 80 PVC NIPPLE; LENGTH AS REQUIRED
14. SOLVENT WELDED SCHEDULE 40 MAINLINE; 24" MIN. COVER
15. PEA GRAVEL; 6" MIN. DEPTH
16. SCHEDULE 80 PVC TEE SxSxT
17. PLASTIC VALVE I.D. TAG
18. PVC THREADED UNION
19. EDGE OF PAVING OR HEADER BOARD
20. VALVE NUMBER MELTED OR WELDED TO LID
21. SCH. 40 PVC MALE ADAPTER

NOTES:
1. USE MIN. 3 WRAPS OF TEFLON TAPE AT EACH THREADED CONNECTION OR PIPE THREAD SEALANT.
2. VALVES ARE PARALLEL TO THE MAINLINE.
3. PROVIDE RECYCLED WATER I.D. TAG IF NON-POTABLE WATER.
4. IF IRRIGATION USES RECYCLED WATER, DETAIL SHALL CONFORM WITH RECYCLED WATER USE GUIDELINES.

DRAWN BY:	STAFF
CHECKED BY:	AN
SCALE:	NTS

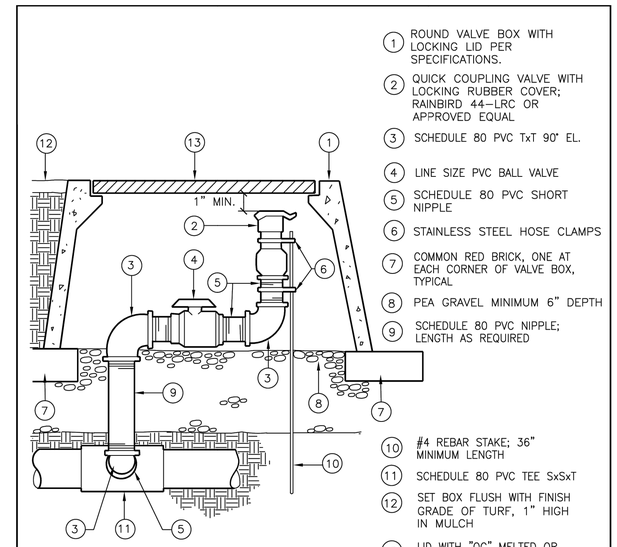
CITY OF PLEASANTON
STANDARD DETAILS
LANDSCAPE
REMOTE CONTROL VALVE

REGISTERED PROFESSIONAL ENGINEER — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

DATE : 7/24 | DWG NO. 801

2 REMOTE CONTROL VALVE

ID-1 CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS N.T.S.



1. ROUND VALVE BOX WITH LOCKING LID PER SPECIFICATIONS.
2. QUICK COUPLING VALVE WITH LOCKING RUBBER COVER; RAINBIRD 44-LRC OR APPROVED EQUAL
3. SCHEDULE 80 PVC TxT 90° EL.
4. LINE SIZE PVC BALL VALVE
5. SCHEDULE 80 PVC SHORT NIPPLE
6. STAINLESS STEEL HOSE CLAMPS
7. COMMON RED BRICK, ONE AT EACH CORNER OF VALVE BOX, TYPICAL
8. PEA GRAVEL MINIMUM 6" DEPTH
9. SCHEDULE 80 PVC NIPPLE; LENGTH AS REQUIRED
10. #4 REBAR STAKE; 36" MINIMUM LENGTH
11. SCHEDULE 80 PVC TEE SxSxT
12. SET BOX FLUSH WITH FINISH GRADE OF TURF, 1" HIGH IN MULCH
13. LID WITH "QC" MELTED OR WELDED INTO LID

NOTES:
1. ALL THREADED CONNECTIONS SHALL RECEIVE MIN. 3 WRAPS OF TEFLON TAPE.
2. PROVIDE RECYCLED WATER I.D. TAG IF NON-POTABLE WATER.
3. IF IRRIGATION USES RECYCLED WATER, DETAIL SHALL CONFORM WITH RECYCLED WATER USE GUIDELINES.

DRAWN BY:	STAFF
CHECKED BY:	AN
SCALE:	NTS

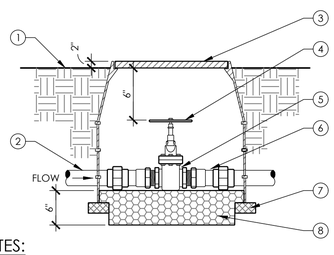
CITY OF PLEASANTON
STANDARD DETAILS
LANDSCAPE
QUICK COUPLER IN LOCKING BOX

REGISTERED PROFESSIONAL ENGINEER — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

DATE : 7/24 | DWG NO. 802

3 QUICK COUPLING VALVE

ID-1 CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS N.T.S.

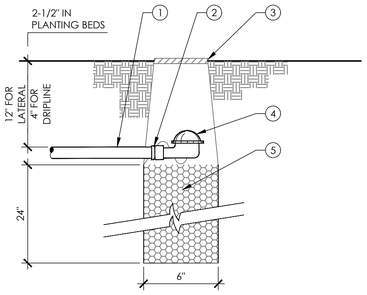


KEY:
1. FINISH GRADE.
2. MAINLINE.
3. VALVE BOX AND LOCKING COVER, W/ BOX EXTENSIONS AS REQUIRED. SEE SPECS.
4. GATE VALVE, SEE IRRIGATION LEGEND.
5. SCH 40 PVC MALE ADAPTOR. FIPTXSLIP, TYP. (2) PLACES.
6. SCH 80 PVC UNION DOWNSTREAM OF VALVE.
7. BRICK, TYP. THREE (3) PLACES.
8. 3/4" DIA. DRAIN ROCK (NOT TO EXCEED BOTTOM OF VALVE).

NOTES:
1. INSTALL GATE VALVES A MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPING.
2. INSTALL GATE VALVES IN PLANTING AREAS WHEREVER POSSIBLE.
3. USE TEFLON TAPEON ALL THREADED FITTINGS.
4. PLACE 3/4" DIAMETER DRAIN ROCK PRIOR TO INSTALLATION OF VALVE BOX.
5. FINISH GRADE BEFORE PLANTING.
6. REFER TO SPECIFICATIONS AND PLAN SHEETS FOR MORE INFORMATION.
7. IF IRRIGATION USES RECYCLED WATER, DETAIL SHALL CONFORM WITH RECYCLED WATER USE GUIDELINES.

4 GATE VALVE

ID-1 N.T.S.

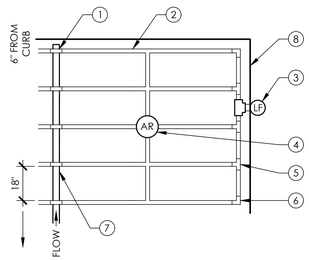


KEY:
1. DRIP LINE OR PVC LATERAL.
2. ADAPTER FITTING AS REQUIRED.
3. PLASTIC VALVE BOX W/ COVER & EXTENSION IF REQUIRED.
4. AUTOMATIC FLUSH VALVE.
5. 3/4" DIA. DRAIN ROCK.

NOTES:
1. REFER TO IRRIGATION DETAIL FOR MORE INFORMATION.
2. PLACE 3" DRAIN ROCK PRIOR TO INSTALLATION OF VALVE BOX.
3. REFER TO SPECIFICATIONS AND PLAN SHEETS FOR MORE INFORMATION.
4. DO NOT INSTALL IN PAVED AREAS.
5. IF IRRIGATION USES RECYCLED WATER, DETAIL SHALL CONFORM WITH RECYCLED WATER USE GUIDELINES.

5 AUTOMATIC FLUSH VALVE

ID-1 N.T.S.



KEY:
1. PVC TO DRIP LINE CONNECTION POINT (CENTER FEED SHOWN).
2. DRIP LINE (BURIED 4") WITH EMITTERS. SEE LEGEND.
3. AUTOMATIC FLUSH VALVE, TYP.
4. AIR RELIEF VALVE AT HIGHEST POINT.
5. BARBED TEE, TYP.
6. BARBED ELL, TYP.
7. PVC LATERAL.
8. PERIMETER/EDGE OF PLANTING AREA.

NOTES:
1. SPACING BETWEEN ROWS VARIES IN SLOPED CONDITIONS. REFER TO DRIP NOTES.
2. LOCATE AN AIR-RELIEF VALVE AT THE HIGH POINT OF EACH SYSTEM WITHIN A PLASTIC BOX.
3. REFER TO SPECIFICATIONS AND PLAN SHEETS FOR MORE INFORMATION.
4. IRRIGATION USES RECYCLED WATER, DETAIL SHALL CONFORM WITH RECYCLED WATER USE GUIDELINES.

6 SUBSURFACE DRIP IRRIGATION

ID-1 N.T.S.

95% SUBMITTAL

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT — CHRISTINE ANDERSON 1/08/877 — Signature — 02-28-2027 Renewal Date — Date — STATE OF CALIFORNIA

THE CITY OF PLEASANTON©

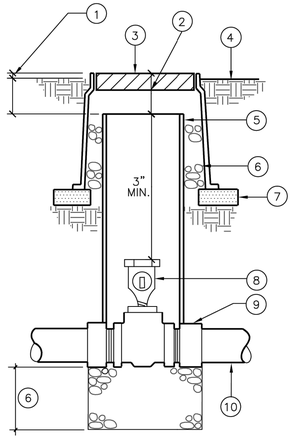
REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
IRRIGATION DETAILS

SCALE:	DATE:	PIN:	SHEET:
	5/30/2025	AL-20106	ID-1 199 OF 230



1. 1" ABOVE FINISH GRADE OF MULCH OR FLUSH WITH FINISH GRADE IN TURF AREAS
2. ALLOW 3" BETWEEN TOP OF VALVE BOX AND PVC PIPE
3. LOCKING VALVE BOX WITH LID PER SPECS WITH "GV" MELTED OR WELDED TO LID
4. FINISH GRADE
5. 6" DIAMETER SDR 26 OR SCHEDULE 40 PVC VERTICLE PIPE, LENGTH AS REQUIRED
6. PEA GRAVEL, 6 INCH MIN. DEPTH
7. COMMON RED BRICK, 4" MINIMUM.
8. LINE SIZE FORD BRASS BALL VALVE
9. SCHEDULE 80 MALE ADAPTER
10. PRESSURE LINE; 24" MINIMUM COVER

NOTES:
1. IF IRRIGATION USES RECYCLED WATER, DETAIL SHALL CONFORM WITH RECYCLED WATER USE GUIDELINES.
2. INSTALL THRUST BLOCK PER CITY STANDARD DETAILS FOR ANY VALVES SIZED 4" OR GREATER.

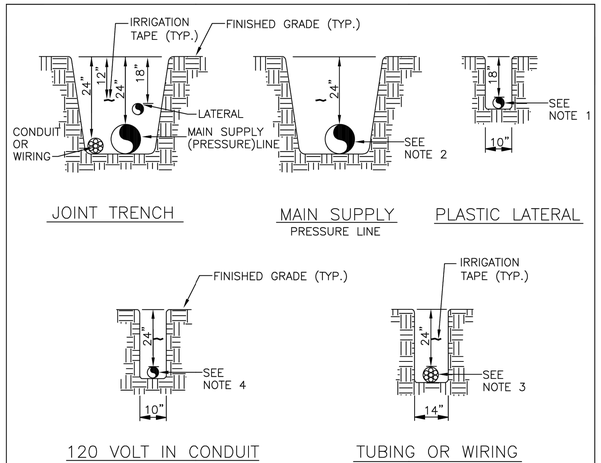
DRAWN BY:	STAFF
CHECKED BY:	AN
SCALE:	NTS

CITY OF PLEASANTON
STANDARD DETAILS
LANDSCAPE
ISOLATION VALVE

REGISTERED PROFESSIONAL ENGINEER — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

DATE: 7/24 | DWG NO. 803

1 ISOLATION VALVE
ID-2 — CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS — N.T.S.



NOTES:
1. ALL PLASTIC PIPING SHALL BE INSTALLED IN THE TRENCH IN A SERPENTINE MANNER AS PER THE MANUFACTURER'S SPECIFICATIONS.
2. ALL MAIN SUPPLY LINES TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
3. TAPE AND BUNDLE TUBING OR WIRING AT 10 FT INTERVALS.
4. ALL 120 VOLT WIRING IN CONDUIT TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES.
5. INSTALL IRRIGATION TAPE AT 12" FOR ALL MAINLINE OR WIRING.

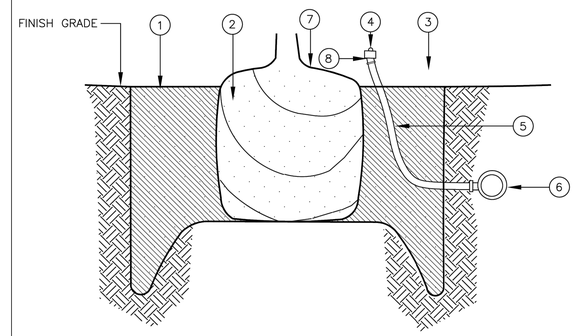
DRAWN BY:	STAFF
CHECKED BY:	AN
SCALE:	NTS

CITY OF PLEASANTON
STANDARD DETAILS
LANDSCAPE
IRRIGATION TRENCHING

REGISTERED PROFESSIONAL ENGINEER — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

DATE : 7/24 | DWG NO. 804

2 IRRIGATION TRENCHING
ID-2 — CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS — N.T.S.



1. BACKFILL MIX PER SPECIFICATIONS
2. WELL DEVELOPED TREE ROOT BALL
3. FINISH GRADE
4. LOW FLOW BUBBLER, SEE PLANS FOR MANUFACTURER AND MODEL; SET TOP OF BUBBLER 2" ABOVE FINISH SOIL GRADE. 2 BUBBLERS PER TREE
5. 1/2" FLEXIBLE PVC PIPE
6. IRRIGATION LATERAL LINE
7. ROOT BALL 2" HIGH; SIDES OF ROOT BALL ARE NOT TO BE EXPOSED.
8. SCH. 40 PVC MALE ADAPTER

NOTE:
REFER ALSO TO STANDARD DETAIL #806, TREE PLANTING DETAIL.

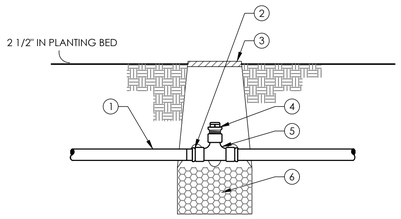
DRAWN BY:	STAFF
CHECKED BY:	AN
SCALE:	N.T.S.

CITY OF PLEASANTON
STANDARD DETAILS
LANDSCAPE
TREE/PLANTING
BUBBLER DETAIL

REGISTERED PROFESSIONAL ENGINEER — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

DATE : 7/24 | DWG NO. 815

3 TREE BUBBLER
ID-2 — CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS — N.T.S.



KEY:
1. DRIP LINE OR PVC LATERAL.
2. ADAPTER FITTING AS REQUIRED.
3. PLASTIC VALVE BOX W/ COVER & EXTENSION IF REQUIRED.
4. AUTOMATIC AIR RELIEF VALVE.
5. 1/2" THREADED PVC TEE.
6. 3/4" DIAMETER DRAIN ROCK.

NOTES:
1. REFER TO IRRIGATION DETAIL FOR MORE INFO.
2. PLACE 3/4" DRAIN ROCK PRIOR TO INSTALLATION OF VALVE BOX.
3. REFER TO SPECIFICATIONS AND PLAN SHEETS FOR MORE INFORMATION.
4. DO NOT INSTALL IN PAVED AREAS.
5. IF IRRIGATION USES RECYCLED WATER, DETAIL SHALL CONFORM WITH RECYCLED WATER USE GUIDELINES.

4 AIR-RELIEF VALVE
ID-2 — N.T.S.

95% SUBMITTAL

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT — CHRISTINE ANDERSON 1709377 — Signature — 02-28-2027 Renewal Date — Date — STATE OF CALIFORNIA

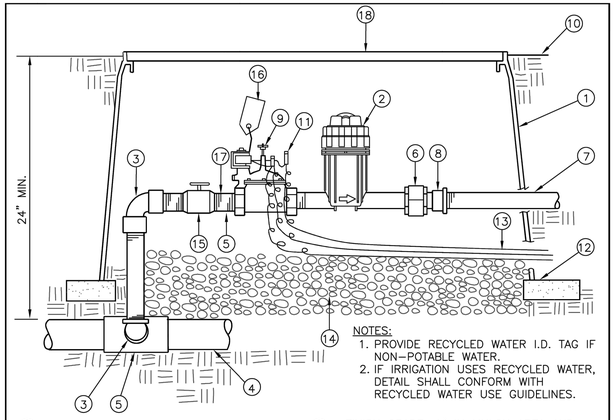
THE CITY OF PLEASANTON©

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
IRRIGATION DETAILS

SCALE:	DATE:	PIN:		SHEET:
	5/30/2025	AL-20106	ID-2	200 OF 230



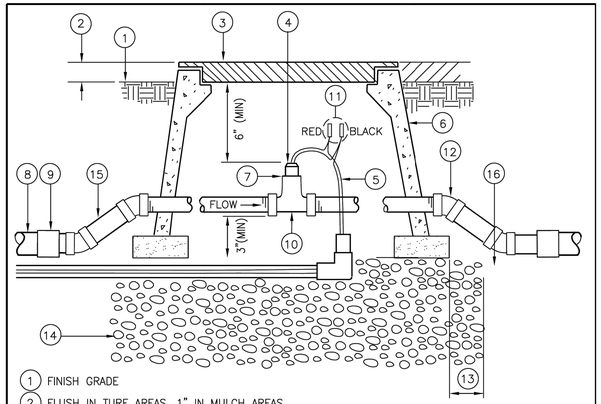
NOTES:
1. PROVIDE RECYCLED WATER I.D. TAG IF NON-POTABLE WATER.
2. IF IRRIGATION USES RECYCLED WATER, DETAIL SHALL CONFORM WITH RECYCLED WATER USE GUIDELINES.

1. LOCKING VALVE BOX WITH LID WITH I.D. PER SPECS.
2. PRESSURE REGULATING BASKET FILTER COMMERCIAL GRADE, RAINBIRD OR EQUAL
3. SCH. 80 PVC TxT 90° ELL
4. PRESSURE LINE
5. SCH. 80 PVC TEE (SIZE AS REQUIRED) SxSxT
6. SCH. 80 PVC THREADED UNION
7. DRIP LATERAL LINE
8. SCH. 40 PVC MALE ADAPTER
9. GRISWOLD 2000 SERIES 1" REMOTE CONTROL VALVE, OR APPROVED EQUAL
10. FINISH GRADE, 1" IN MULCH AREA AND FLUSH IN TURF AREA
11. DBY, PENTITE OR OTHER CITY APPROVED SPLICE
12. COMMON BRICK, TYPICAL ALL FOUR CORNERS OF VALVE BOX
13. CONTROL AND COMMON WIRES, PROVIDE MINIMUM 18" COILED EXTRA
14. PEA GRAVEL; 6" MIN. BELOW BOTTOM OF VALVE
15. BALL VALVE, FORD, LINE SIZE
16. PLASTIC VALVE ID TAG
17. SCH. 80 PVC SHORT NIPPLE
18. VALVE NUMBER MELTED OR WELDED TO LID

DRAWN BY: STAFF	CITY OF PLEASANTON
CHECKED BY: AN	STANDARD DETAILS
SCALE: N.T.S.	LANDSCAPE
	DRIP IRRIGATION VALVE ASSEMBLY
	DATE : 7/24 DWG NO. 816

REGISTERED PROFESSIONAL ENGINEER — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

1 ID-3 DRIP CONTROL ZONE KIT
CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS N.T.S.



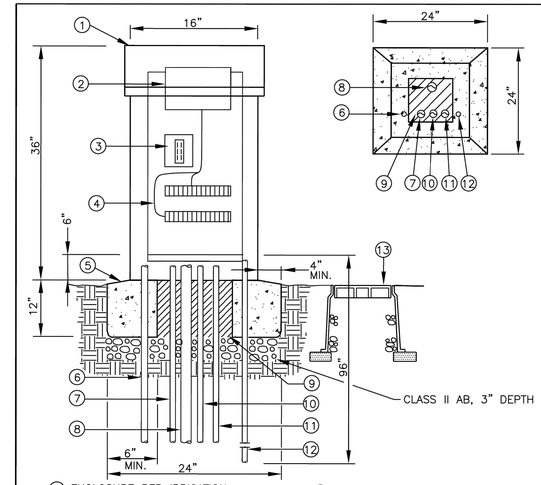
1. FINISH GRADE
2. FLUSH IN TURF AREAS, 1" IN MULCH AREAS
3. LOCKING LID PER SPECS
4. FLOW SENSOR, PER PLANS.
5. SENSOR CABLE TO CONTROLLER
6. VALVE BOX (14" X 19") OR LARGER
7. FLOW SENSOR INSERT
8. IRRIGATION MAIN LINE FROM BACKFLOW-UPSTREAM
9. REDUCING COUPLING (SxS), SCH 80 PVC (TYP)
10. FLOW SENSOR BODY
11. WATERPROOF CONNECTIONS. NOTE POLARITY ON SENSOR TO SENSOR CABLE HOOKUP
12. PVC SCHEDULE 80 45° ELL (TYP.)
13. INSTALL PEA GRAVEL 2" MIN. BEYOND PERIMETER OF BOX
14. PEA GRAVEL, 6" MIN. DEPTH
15. NIPPLE, SCH 80 PVC (TYP)
16. CONDUIT, 3/4" PVC, SCH. 40
16. BRICK TO SUPPORT VALVE BOX (TYP)

NOTES:
1. PROVIDE RECYCLED WATER I.D. TAG IF NON-POTABLE WATER.
2. IF IRRIGATION USES RECYCLED WATER, DETAIL SHALL CONFORM WITH RECYCLED WATER USE GUIDELINES.

DRAWN BY: STAFF	CITY OF PLEASANTON
CHECKED BY: AN	STANDARD DETAILS
SCALE: N.T.S.	LANDSCAPE
	FLOW SENSOR INSTALLATION
	DATE : 7/24 DWG NO. 819

REGISTERED PROFESSIONAL ENGINEER — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

2 ID-3 FLOW SENSOR
CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS N.T.S.



1. ENCLOSURE PER IRRIGATION CONTROLLER MANUFACTURER SPECIFICATIONS
2. SATELLITE IRRIGATION CONTROLLER
3. POWER SWITCH/GFI RECEPTACLE
4. TERMINAL STRIP FOR VALVES
5. CONCRETE FOOTING 1" ABOVE FINISH GRADE
6. 1" PVC CONDUIT FOR 120 VAC FROM METERED POWER SUPPLY
7. 1" RADIO CONDUIT IF REQUIRED
8. PVC CONDUIT FOR CONTROL WIRES, SIZE AS REQUIRED
9. FILL VOIDS WITH CONCRETE
10. 1" PVC CONDUIT FOR FLOW & MOISTURE SENSING CABLE(S)
11. 1" SPARE CONDUIT
12. 5/8" DIA. X 8' GROUND ROD W/#8 BONDING WIRE AND CLAMP
13. ROUND PLASTIC LOCKING SPLICE BOX

DRAWN BY: STAFF	CITY OF PLEASANTON
CHECKED BY: AN	STANDARD DETAILS
SCALE: N.T.S.	LANDSCAPE
	IRRIGATION CONTROLLER ASSEMBLY
	DATE : 7/24 DWG NO. 821

REGISTERED PROFESSIONAL ENGINEER — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

3 ID-3 IRRIGATION CONTROLLER
CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS N.T.S.

95% SUBMITTAL

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT — CHRISTINE ANDERSON 1709377 — Signature — 02-28-2027 Renewal Date — Date — STATE OF CALIFORNIA

THE CITY OF PLEASANTON©

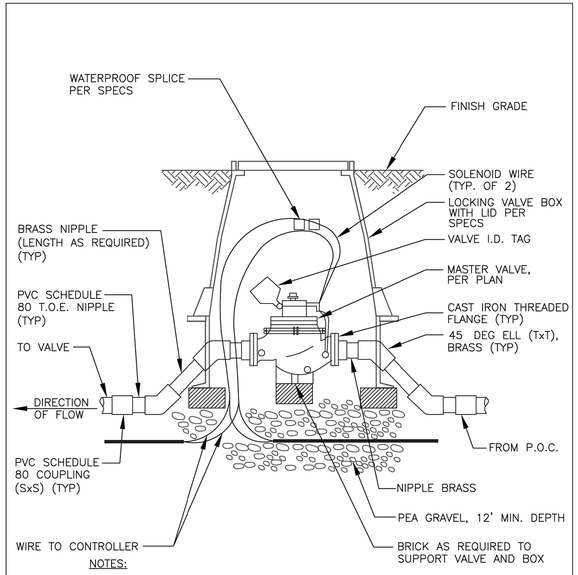
REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
IRRIGATION DETAILS

SCALE:	DATE:	PIN:		SHEET:
	5/30/2025	AL-20106	ID-3	201 OF 230



NOTES:

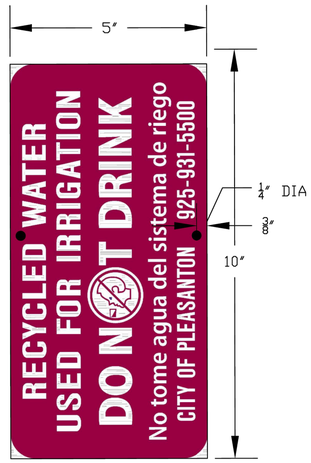
1. PROVIDE RECYCLED WATER I.D. TAG IF NON-POTABLE WATER.
2. IF IRRIGATION USES RECYCLED WATER, DETAIL SHALL CONFORM WITH RECYCLED WATER USE GUIDELINES.

DRAWN BY: STAFF	CITY OF PLEASANTON
CHECKED BY: AN	STANDARD DETAILS
SCALE: N.T.S.	LANDSCAPE
	MASTER VALVE DETAIL
	DATE : 7/24 | DWG NO. 822

1 ID-4 MASTER VALVE
CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS N.T.S.

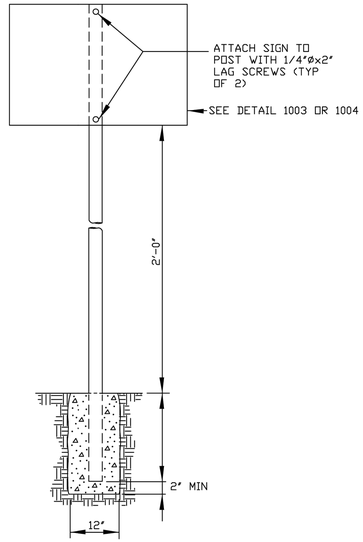
NOTES

1. RECYCLED WATER NOTIFICATION DECAL TO BE OBTAINED BY DEVELOPER. DECAL AVAILABLE FOR SALE AT CITY OFFICE, 3333 BUSCH ROAD.
2. WARNING SIGN SHALL BE 0.63 GAUGE ALUMINUM PURPLE (PMS#2587) IN COLOR WITH WHITE TEXT AND SHALL BE AFFIXED TO THE GROUND BY A WOODEN POST.
3. SEE DETAIL 1004 SIGN POST DETAILS.
4. SIGN SHALL STATE "RECYCLED WATER DO NOT DRINK" ACCORDING TO TITLE 22, ARTICLE 4, SECTION 60310(G) OF THE STATEWIDE REGULATION.
5. ¾" MOUNTING HOLES SHALL BE DRILLED ON CENTER LINE AS SHOWN.
6. EDGES SHALL BE ROUNDED WITH ½" RADIUS



DRAWN BY: STAFF	CITY OF PLEASANTON
CHECKED BY: AN	STANDARD DETAILS
SCALE: N.T.S.	RECYCLED WATER
	ALUMINUM SMALL SIGN
	DATE: 4/16 | DWG NO. 1006

2 ID-4 RECYCLED WATER COMMERCIAL AND INDUSTRIAL SERVICE
CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS N.T.S.



NOTES:
1) RECYCLED WATER NOTIFICATION SIGN POST TO BE PROVIDE.
2) 4"X4" POST AND STIFFENERS SHALL BE REDWOOD OR TREATED DOUGLAS FIR (STATE OF CALIFORNIA NO. 56-2.02B).
3) FOOTING SHALL BE 24" IN DEPTH, IN CONCRETE.
4) SIGNS SHALL BE PURCHASED FROM CITY OF PLEASANTON.

DRAWN BY: STAFF	CITY OF PLEASANTON
CHECKED BY: AN	STANDARD DETAILS
SCALE: N.T.S.	RECYCLED WATER SIGN POST
	DATE: 7/24 | DWG NO. 1004

3 ID-4 RECYCLED WATER SIGN POST
CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS N.T.S.

95% SUBMITTAL

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT CHRISTINE ANDERSON 1709377 Signature 02-28-2027 Renewal Date Date STATE OF CALIFORNIA

THE CITY OF PLEASANTON©

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
IRRIGATION DETAILS

SCALE:	DATE:	PIN:		SHEET:
	5/30/2025	AL-20106	ID-4	202 OF 230

	CHRISTY "NO". 3150 MAXI-I.D. TAG IN BOTH ENGLISH AND SPANISH. USE IN ALL VALVE BOXES. USE PURPLE TAGS FOR RECYCLED WATER.
WARNING TAPE	CHRISTY "NO". 3 ND PRW NON-DETECTABLE PURPLE TAPE LABLED "CAUTION" RECYCLED WATER BELOW" LOCATE ABOVE ALL MAINLINE.
WARNING LABEL	CHRISTY "NO". 4100 CONTROLLER UNIT LABEL - 3.5 MIL VINTL BASE (PURPLE) - ATTACH TO FACE OF CONTROLLER ENCL.
RISER LABEL	CHRISTY "NO". 5100 CONTROLLER UNIT LABEL - 3.5 MIL VINYL BASE (PURPLE) - ATTACH TO IRRIGATION RISERS.

NOTES:
THE CONTRACTOR MAY OFFER ANY MATERIAL CONSIDERED TO BE EQUIVALENT TO THAT INDICATED. THE SUBSTITUTION OF MATERIAL SHALL BE SUBMITTED IN WRITING AND APPROVED IN WRITING BY THE CITY ENGINEER.

DRAWN BY: STAFF
CHECKED BY: AN
SCALE: N.T.S.

CITY OF PLEASANTON

STANDARD DETAILS
RECYCLED WATER TAG

REGISTERED PROFESSIONAL ENGINEER
No. 78830
Exp. 9/30/2025
CIVIL
STATE OF CALIFORNIA

DATE: 7/24 | DWG NO. 1009

1 ID-5 RECYCLED WATER TAG
CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS N.T.S.

WATER EFFICIENT LANDSCAPE WORKSHEET

Project: West Las Positas Blvd, Pleasanton, CA Date: 05/29/2025
ETo of location (inches/year): 49.4

SECTION A - HYDROZONE INFORMATION TABLE

HYDROZONE	VALVES	IRRIGATION METHOD	AREA (SQ. FT.)	% OF LANDSCAPE AREA
I		SUBSURFACE DRIP	82,877	73.1%
II		SUBSURFACE DRIP (BIORETENTION)	29,316	25.9%
III		TREE BUBBLERS	1,160	1.0%
SLA			0	0.0%
		TOTAL	113,353	100%

SECTION B.1 - MAXIMUM APPLIED WATER ALLOWANCE (MAWA)

MAWA Equation: MAWA = (ETo) x (0.62) x [(0.45 x LA)+(0.55 x SLA)]

MAWA = (49.4) (0.62) (0.45 x 113,353) + 0

MAXIMUM APPLIED WATER ALLOWANCE = 1,562,299.06 GALLONS PER YEAR

SECTION B.2 - ESTIMATED TOTAL WATER USE (ETWU)

Estimated Total Water Use Equation: ETWU = (ETo) x (0.62) x [(PF x HA/0.81) + SLA]

HYDROZONE	PLANT USE WATER TYPE	PLANT FACTOR (PF)	AREA (SQ. FT.)	PF X HA (SQ. FT.)
I	LOW	0.3	82,877	24,863
II	MEDIUM	0.5	29,316	14,658
III	MEDIUM	0.5	1,160	580
		(PF X HA) =		40,101 SF

ETWU = (49.4) (0.62) (PF x HA)
0.81

ESTIMATED TOTAL WATER USE = 1,228,216.49 GALLONS PER YEAR

The ETWU is less than MAWA. The water budget complies with the MAWA

MARK THOMAS

2 ID-5 MWELO CALCULATIONS
N.T.S.

95% SUBMITTAL

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON 1709377
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
IRRIGATION DETAILS

SCALE: | DATE: 5/30/2025 | PIN: AL-20106 | **ID-5** | SHEET: 203 OF 230

PLANTING LEGEND

SYMBOL	ABBREV	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE	SPACING	QUANTITY	NOTES
TREES								
	FRA ANG	FRAXINUS ANGUSTIFOLIA 'RAYWOOD'	RAYWOOD ASH	15 GAL.	M	AS SHOWN	64	STANDARD
	LAU SAR	LAURUS 'SARATOGA'	SARATOGA SWEET BAT	15 GAL.	M	AS SHOWN	32	STANDARD
	ULM PAR	ULMUS PARVIFOLIA 'TRUE GREEN'	TREE GREEN CHINESE ELM	24" BOX	L	AS SHOWN	16	STANDARD
	ZEL MUS	ZELKOVA SERRATA 'MUSASHINO'	MUSASHINO COLUMNAR ZELKOVA	15 GAL.	M	AS SHOWN	70	STANDARD
	ZEL VIL	SELKOVA SERRATA 'VILLAGE GREEN'	SAWLEAF SELKOVA	24" BOX	M	AS SHOWN	102	STANDARD
SHRUBS								
	CAL LIT	CALLISTEMON 'LITTLE JOHN'	LITTLE JOHN DWARF BOTTLEBRUSH	5 GAL	L	3'-0" O.C.	209	
	CEA YAN	CEANOTHUS VAR. GRISEUS 'YANKEE POINT'	YANKEE POINT CEANOTHUS	5 GAL	L	4'-0" O.C.	249	BIO-RETENTION
	DIE BIC	DIETES BICOLOR 'YELLOW'	FORTNIGHT LILY	1 GAL	L	3'-0" O.C.	771	
	MUH CAP	MUHLENBERGIA CAPILLARIS	PINK MUHLY	5 GAL	L	3'-0" O.C.	1348	BIO-RETENTION
	MUH RIG	MUHLENBERGIA RIGENS	DEER GRASS	5 GAL	L	3'-0" O.C.	1145	BIO-RETENTION
	RHA IND	RHAPHIOLEPIS INDICA 'BALLERINA'	INDIAN HAWTHORN	1 GAL	L	5'-0" O.C.	190	
GROUNDCOVER								
	CEA DIA	CEANOTHUS VAR. GRISEUS 'DIAMOND HEIGHTS'	DIAMOND HEIGHTS CARMEL CREEPER	1 GAL	L	3'-0" O.C.	81	BIO-RETENTION
	HEL SEM	HELICTOTRICHON SEMPERVIRENS	BLUE OAT GRASS	1 GAL	L	2'-6" O.C.	281	
	HEM HAP	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DWARF DAYLILY	1 GAL	M	2'-0" O.C.	864	
	LIR SPI	LIRIOPE SPICTA 'SILVER DRAGON'	VARIEGATED LILY TURF	1 GAL	M	2'-0" O.C.	770	
	JUN PRO	JUNIPERUS PROCUMBENS 'NANA'	DWARF JAPANESE JUNIPER	1 GAL	L	4'-0" O.C.	4188	

NOTE: SEE SHEET PD-1 FOR PLANTING DETAILS

PLANTING NOTES

1. ARBORIST REPORT: AN ARBORIST REPORT WAS PREPARED BY HORTSCIENCE DATED OCTOBER 2023. REMOVAL OF EXISTING TREES SHALL BE IN ACCORDANCE WITH CIVIL DEMOLITION PLANS.
2. EXISTING TREES: THE CONTRACTOR SHALL PROTECT ALL EXISTING PLANT MATERIAL TO REMAIN, SEE CIVIL PLANS. AVOID OR MINIMIZE SOIL DISTURBANCE WITHIN OR NEAR EXISTING TREES TO REMAIN. THE CONTRACTOR SHALL REPAIR ANY DAMAGES INCURRED AS A DIRECT RESULT OF THIS CONTRACT TO THE OWNER'S SATISFACTION AT NO ADDITIONAL COST. ALL PRUNING AND PRESERVATION OF EXISTING TREES SHALL COMPLY WITH CITY TREE PRESERVATION ORDINANCES 17.16.070 AND 17.16.080. INSTALL TREE PROTECTION PER CITY STANDARD SPECS AND DETAILS.
3. ROOT BARRIERS: ALL PLANTERS WITH TREES SHALL HAVE ROOT BARRIERS COMPLETELY ENCOMPASSING PLANTER AREA. CONTRACTOR SHALL INSTALL LINEAR ROOT BARRIER ANYWHERE TREES ARE LOCATED WITHIN 8 FEET OF PAVED AREAS. INSTALL PER CITY STANDARD SPECS AND DETAIL.
4. TREES: TREES SHALL BE INSTALLED PER PLANS AND CITY STANDARD SPECS AND DETAILS.
5. SHRUBS AND GROUNDCOVER: SHRUBS AND GROUNDCOVER SHALL NOT BE PLANTED WITHIN 3 FEET MINIMUM OF ANY TREES. INSTALL PER CITY STANDARD SPECS AND DETAILS.
6. PLANT ESTABLISHMENT: ALL PLANTED AREAS WITHIN THE PROJECT SCOPE SHALL RECEIVE A 90 DAY PLANT ESTABLISHMENT PERIOD AS PART OF THE CONSTRUCTION CONTRACT. FOLLOWING THE PLANT ESTABLISHMENT PERIOD, ALL PLANTINGS SHALL BE MAINTAINED BY THE HACIENDA BUSINESS PARK THROUGH A JOINT UNDERSTANDING WITH THE CITY. ONSITE LANDSCAPE REPLACEMENT IN KIND TO BE INCLUDED IN PLANT ESTABLISHMENT.
7. TOPSOIL: CONTRACTOR SHALL EXCAVATE ALL PLANTING AREAS PER CIVIL PLANS, A MINIMUM OF 24 INCH DEPTH. ALL EXISTING GRAVEL, ROADWAY PAVEMENT, AND AGGREGATE BASE SHALL BE REMOVED FROM THE PLANTING AREAS BEFORE INSTALLING IMPORT TOPSOIL OR BIORETENTION SOIL MIX. CONTRACTOR SHALL INSTALL TOPSOIL 3 INCHES BELOW FINISH GRADE OF SURROUNDING HARDSCAPE TO ALLOW FOR 3 INCH LAYER OF MULCH. REFER TO CIVIL PLANS FOR PLANTING AREA GRADING AND SLOPES.
8. MULCH: CONTRACTOR SHALL INSTALL A UNIFORM 3 INCH LAYER OF WOOD CHIP MULCH IN ALL PLANTING AREAS, AND INSTALL 3 INCH LAYER OF 'NON-FLOATING' MULCH IN ALL BIORETENTION AREAS, SEE SPECS. MULCH SAMPLES SHALL BE SUBMITTED AND APPROVED BY CITY ENGINEER PRIOR TO INSTALLATION.
9. BIORETENTION SOIL MIX: CONTRACTOR SHALL INSTALL BIORETENTION SOIL MIX IN ALL BIORETENTION AREAS AS SHOWN ON CIVIL PLANS. BIORETENTION SOIL MIX SHALL BE PER THE ALAMEDA COUNTYWIDE CLEAN WATER PROGRAM C.3 STORMWATER TECHNICAL GUIDANCE, DATED MAY 19, 2024. A MINIMUM PERCOLATION RATE OF 5 INCHES PER HOUR IS REQUIRED PER CIVIL PLANS. CONTRACTOR SHALL SUBMIT SOIL LAB REPORT AND SAMPLES FOR BIORETENTION SOIL MIX FOR REVIEW AND APPROVAL. INSTALL PER PLANS, DETAILS, AND SPECIFICATIONS.
10. MODIFY EXISTING PLANTING. THE CONTRACTOR SHALL:
    - REPLACE/REPAIR EXISTING PLANTING BACK TO ITS ORIGINAL CONDITION IF IMPACTED BY IRRIGATION AND GRADING MODIFICATIONS
    - FOLLOW CITY'S PLANTING STANDARDS AND SPECIFICATIONS.
11. CONTRACTOR SHALL INSTALL ALL NEW PLANTINGS PER CITY STANDARD SPECS AND DETAILS.

LEGEND

- ROOT BARRIER; INSTALL PER CITY STANDARD DETAIL (2/PD-1). NOTE: INSTALL LENGTH PER SHEET PP-1 TO PP-13
- LIMITS OF TOPSOIL, PLANT ESTABLISHMENT, AND WOOD CHIP MULCH . SEE PLANTING NOTES.
- LIMITS OF BIORETENTION SOIL MIX, PLANT ESTABLISHMENT, AND NON-FLOATING MULCH. SEE PLANTING NOTES AND CIVIL DRAWINGS.
- ONSITE LANDSCAPE REPLACEMENT IN KIND

95% SUBMITTAL

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON 1704377
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

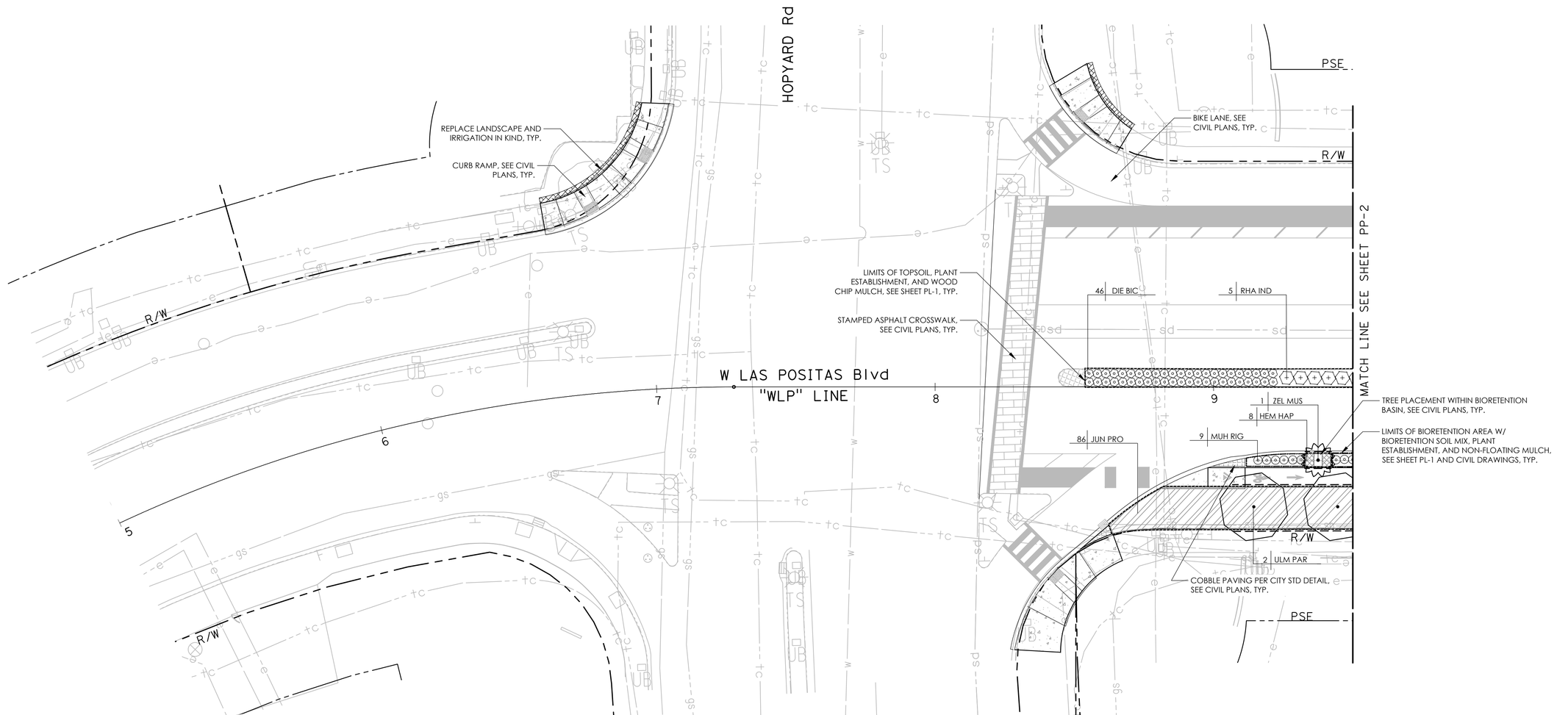
THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
PLANTING LEGEND AND NOTES

SCALE:	DATE:	PIN:	SHEET:
	5/30/2025	AL-20106	PL-1 204 OF 230



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TWO WORKING DAYS BEFORE YOU DIG

95% SUBMITTAL

0' 10' 20' 40'

MARK THOMAS

1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON 1/26/2027
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

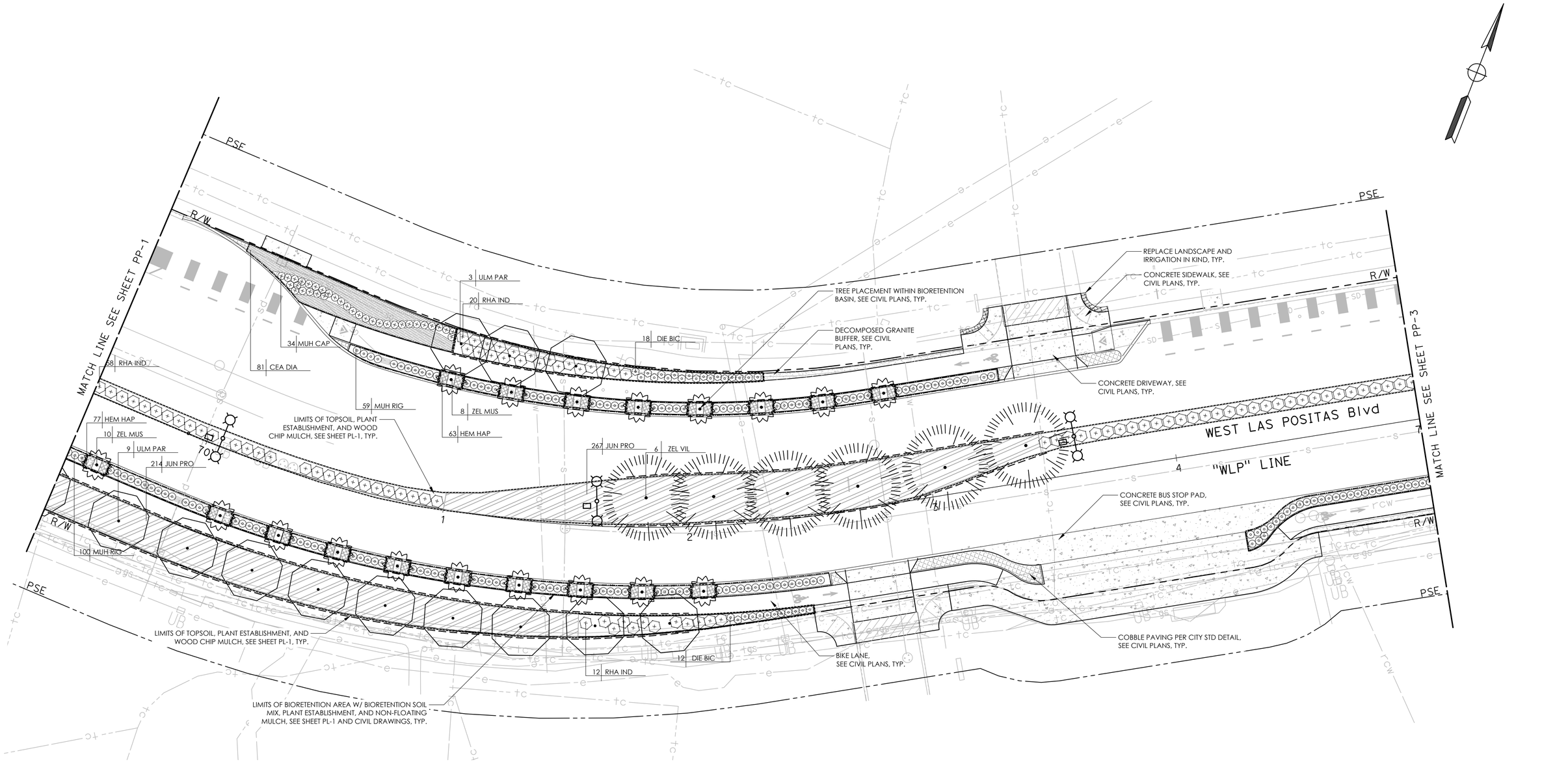
REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-1 205 OF 230



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MARK THOMAS

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OAKLAND, CA 94612

(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LA6337
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS

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DESIGNED BY: ANH TRUONG

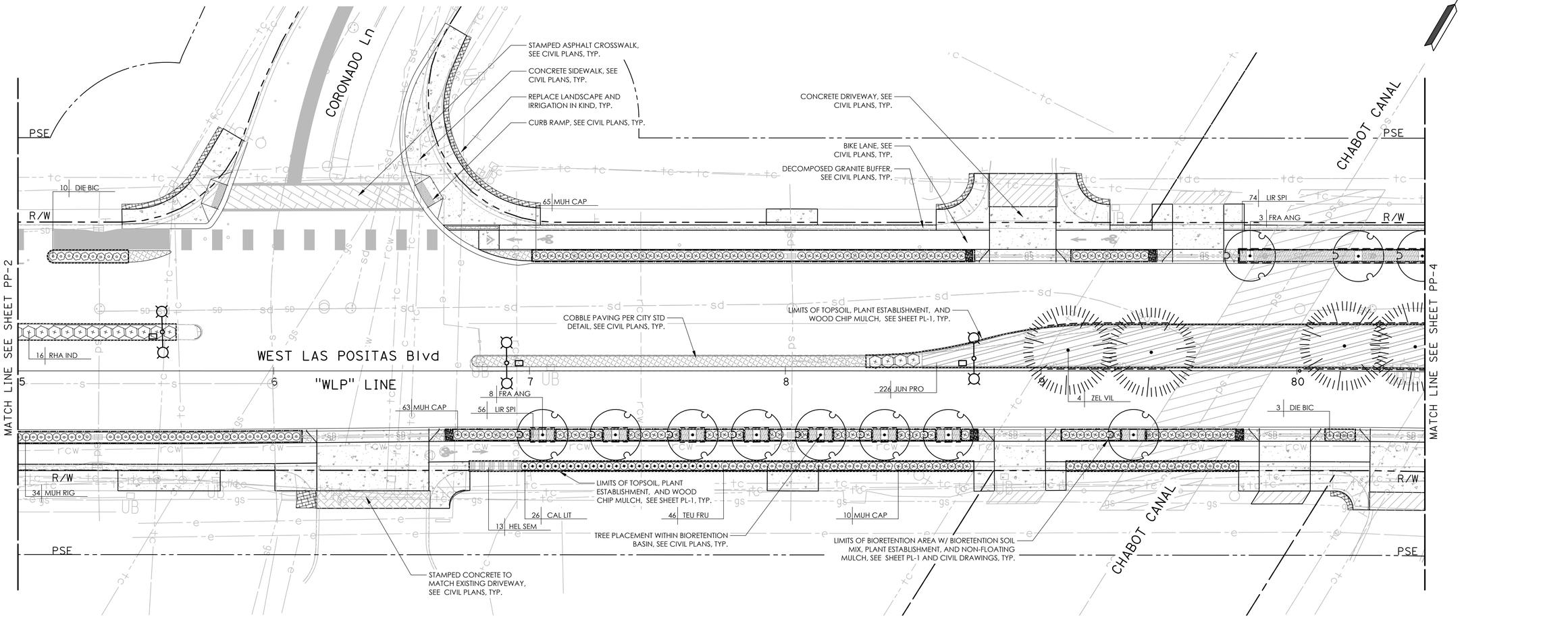
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON

WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514

PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-2 206 OF 230



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MARK THOMAS

1970 BROADWAY, SUITE 760

OAKLAND, CA 94612

(510) 844-5600

LICENSED LANDSCAPE ARCHITECT — CHRISTINE ANDERSON LICA3577 — Signature — 02-28-2027 Renewal Date — Date — STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG

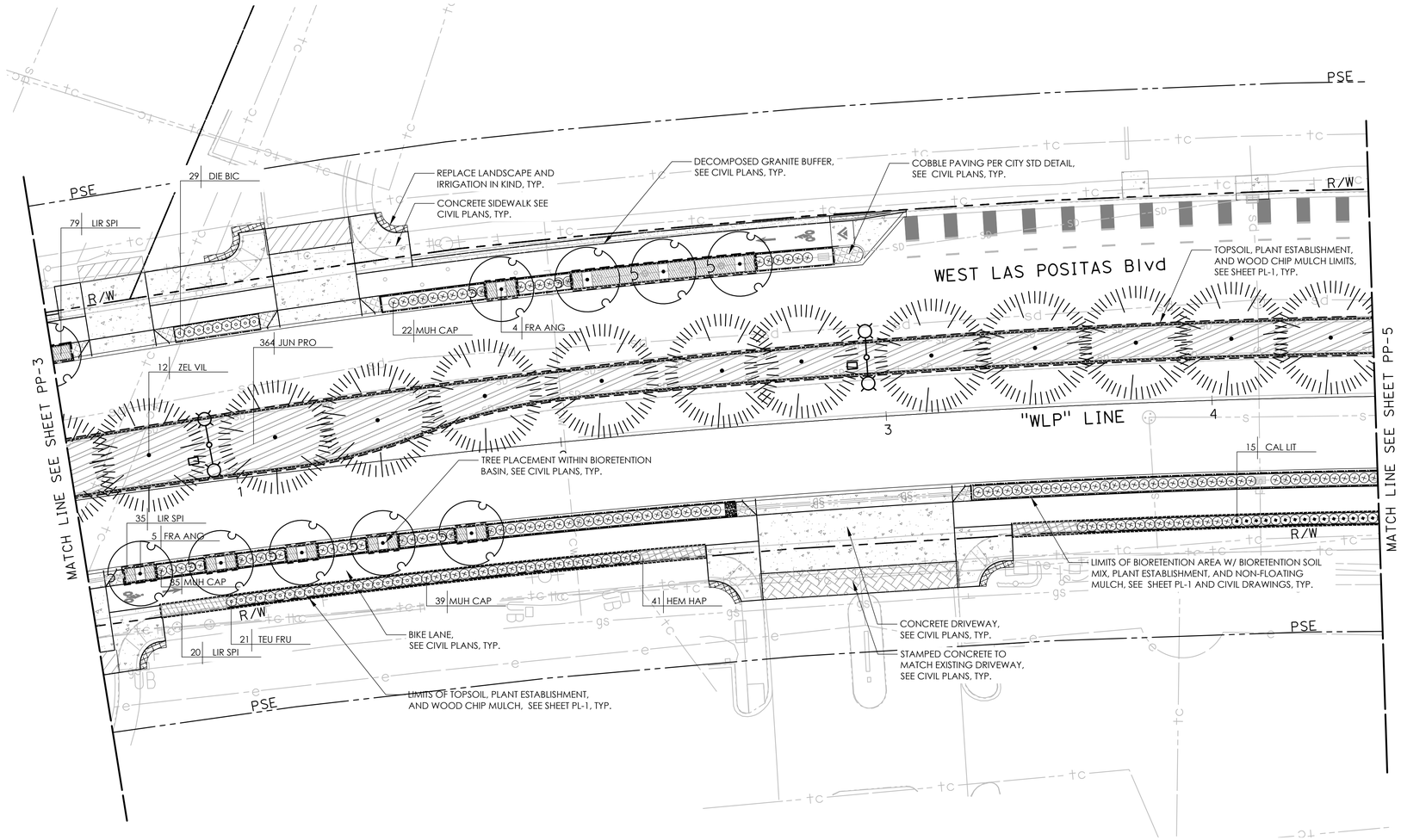
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON

WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514

PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-3 207 OF 230



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0' 10' 20' 40'

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LIC#6377
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

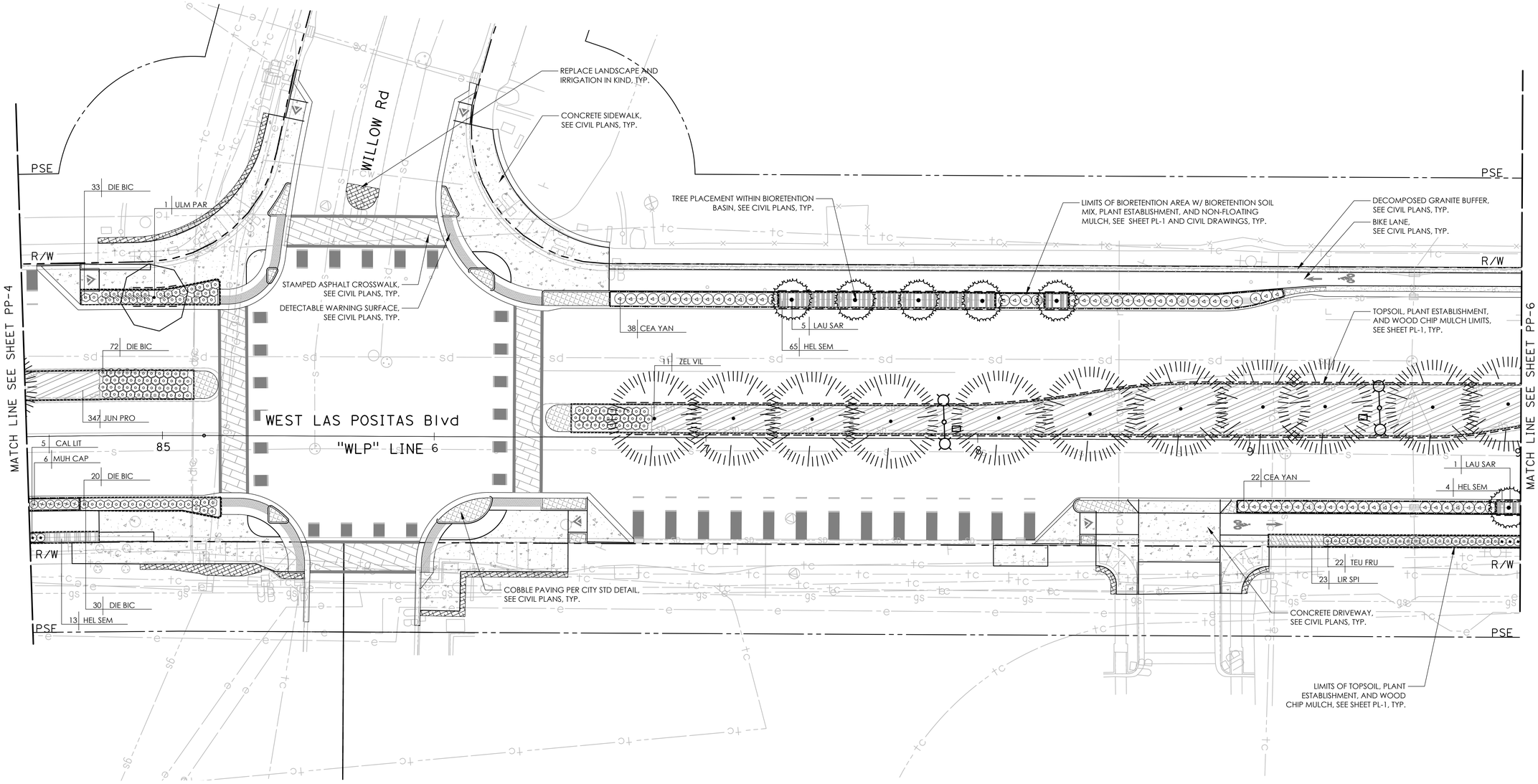
THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-4 208 OF 230



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MARK THOMAS

1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LA6337
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

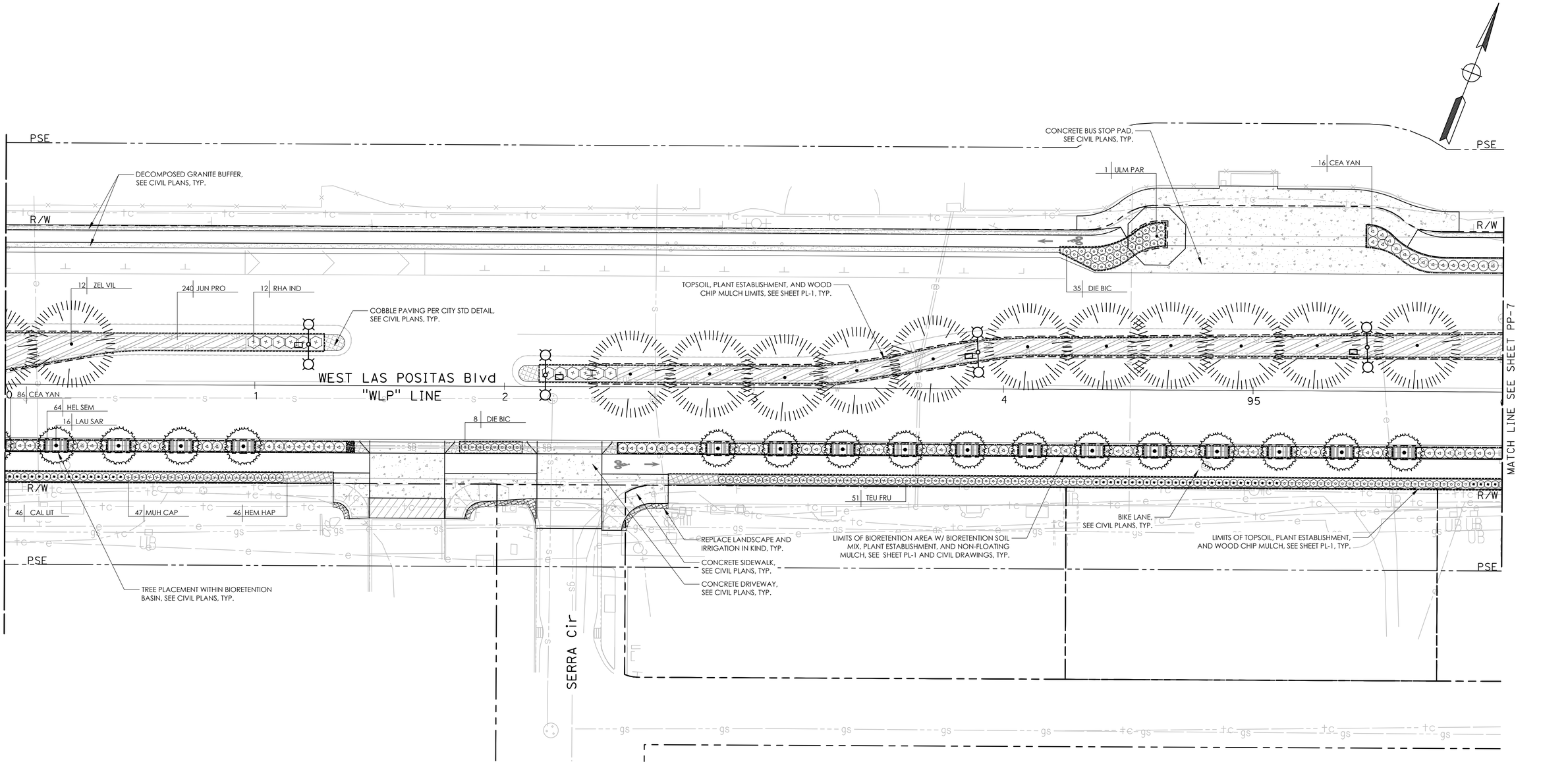
REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-5 209 OF 230



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Call: TOLL FREE
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642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% SUBMITTAL

0' 10' 20' 40'

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LA#6377
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

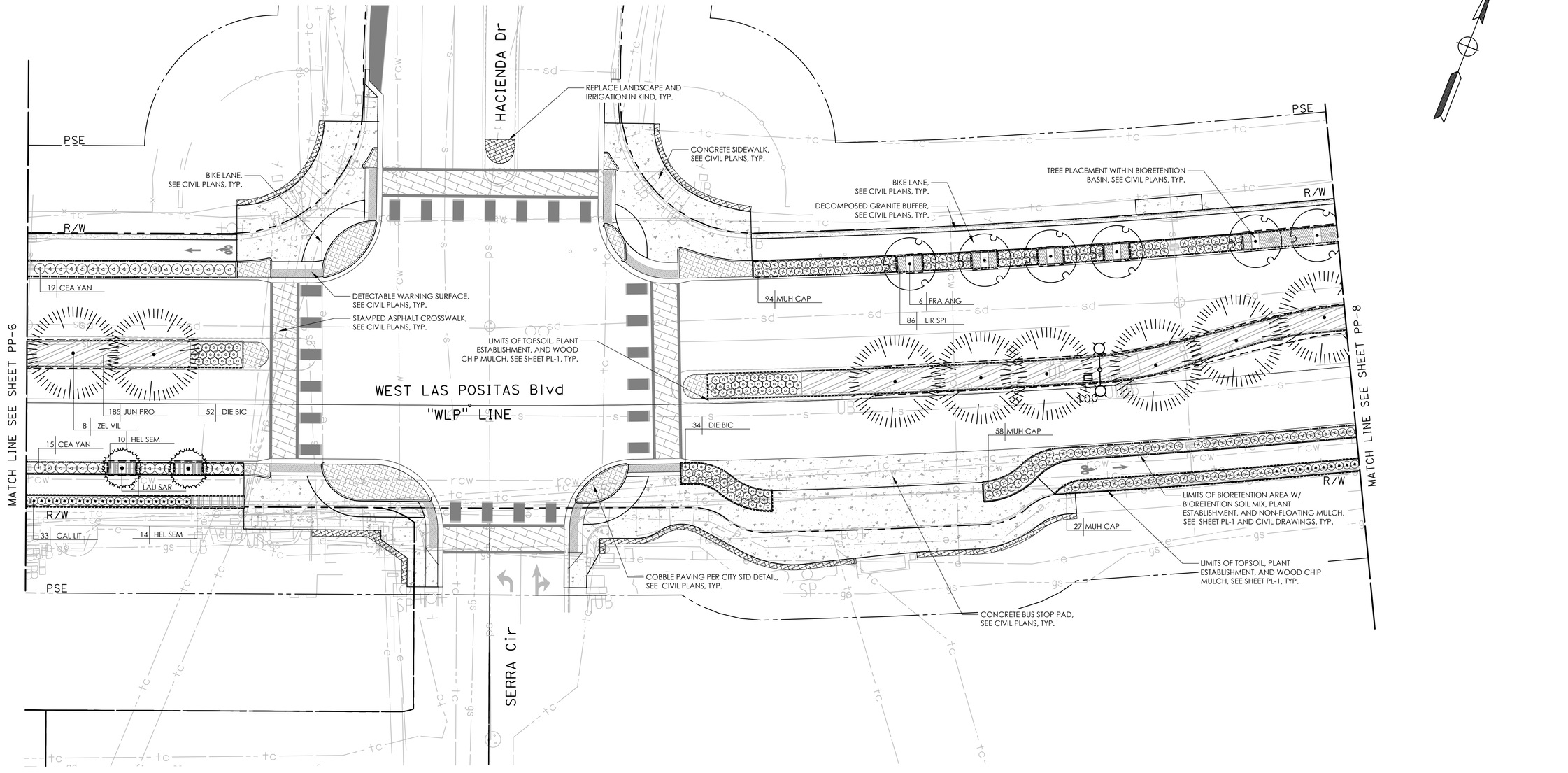
REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-6 210 OF 230



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Underground Service Alert
Call: TOLL FREE
1-800
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TWO WORKING DAYS BEFORE YOU DIG

95% SUBMITTAL

0' 10' 20' 40'

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LICA3577
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

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DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
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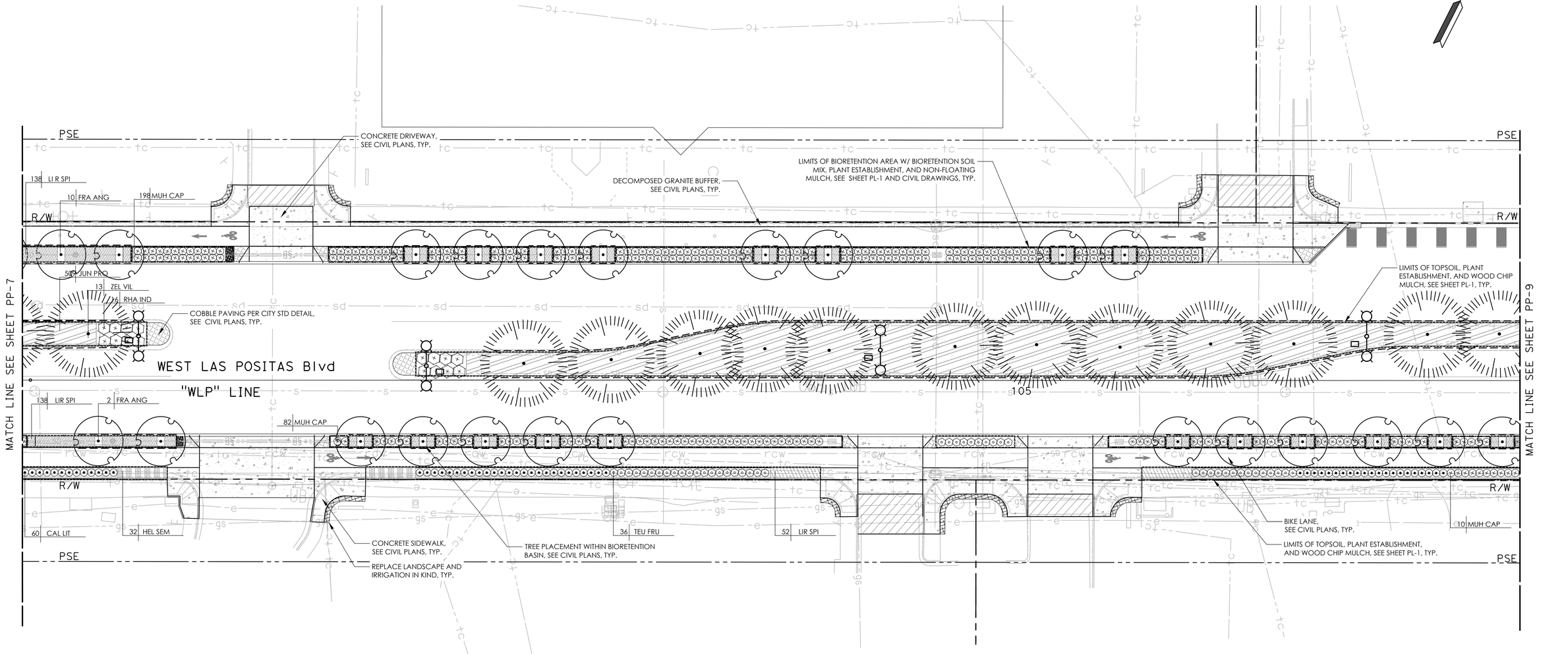
PROJECT CIP#11514
PLANTING PLAN

SCALE:	DATE:	PIN:		SHEET:
1"=20'	5/30/2025	AL-20106	PP-7	211 OF 230



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Underground Service Alert

Call: TOLL FREE

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642-2444

TWO WORKING DAYS BEFORE YOU DIG

95% SUBMITTAL

0' 10' 20' 40'

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON (CA#5377)
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

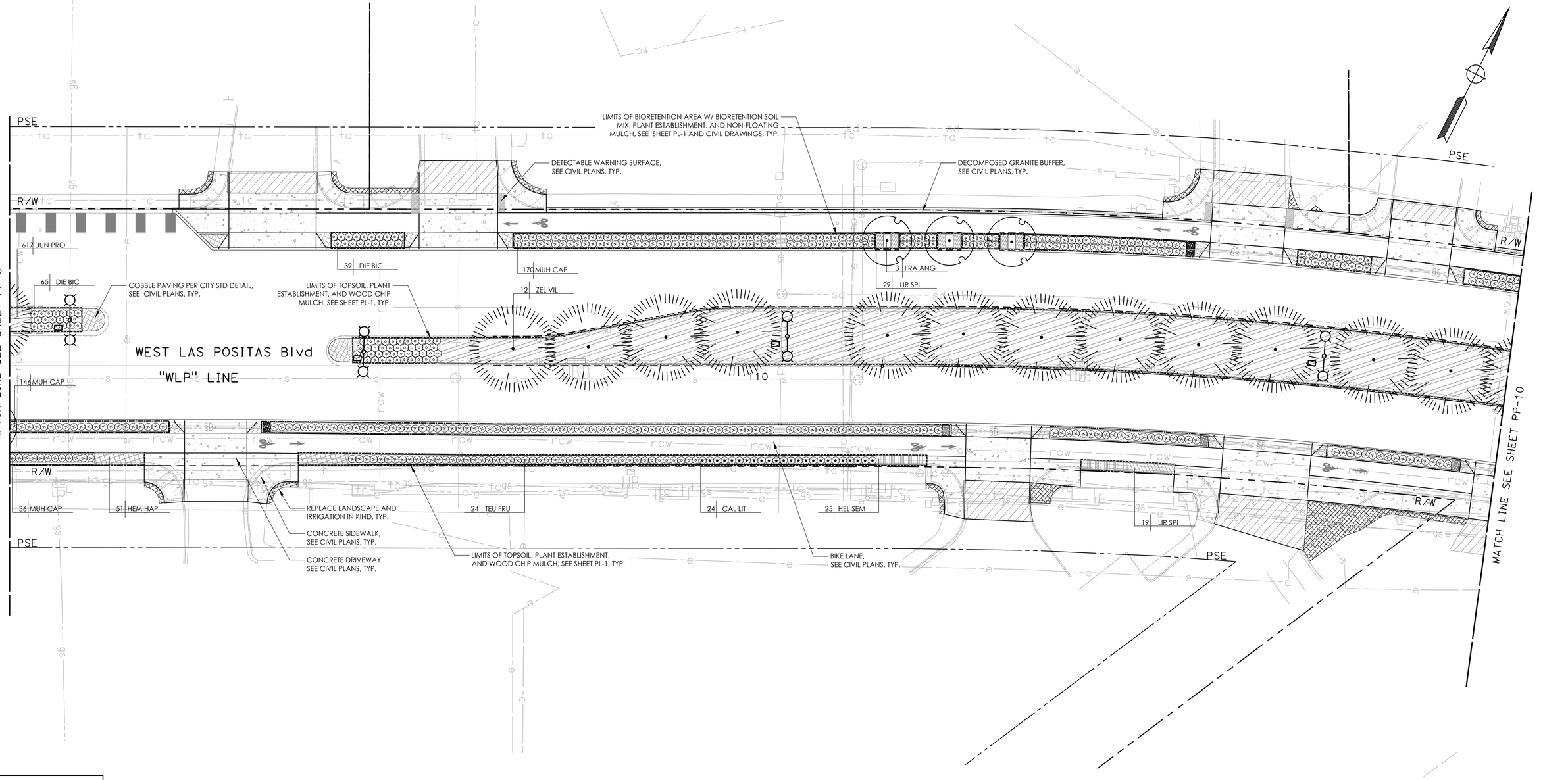
REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-8 212 OF 230



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642-2444

TWO WORKING DAYS BEFORE YOU DIG

95% SUBMITTAL

0' 10' 20' 40'

MARK THOMAS

1970 BROADWAY, SUITE 760

OAKLAND, CA 94612

(510) 844-5600

LICENSED LANDSCAPE ARCHITECT — CHRISTINE ANDERSON LA#5317 — Signature — 02-28-2027 Renewal Date — Date — STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG

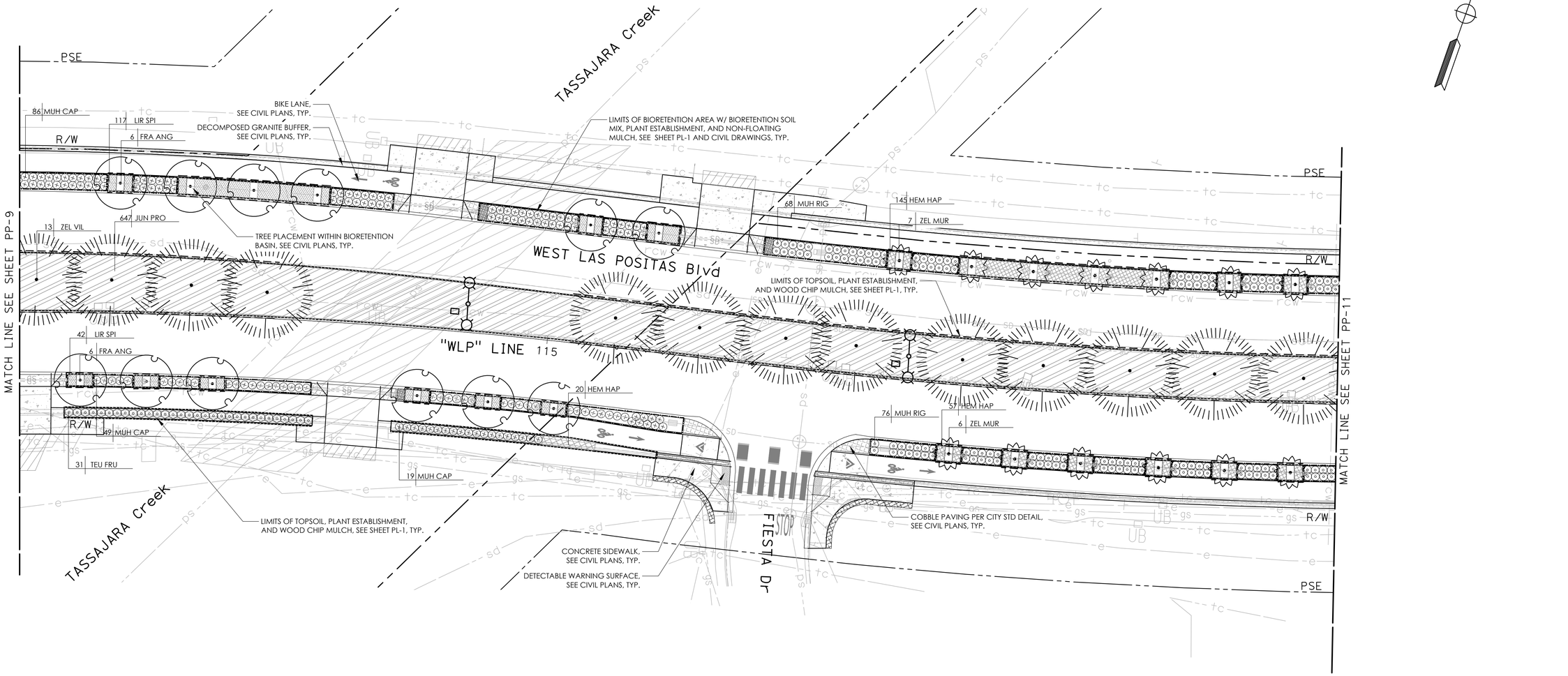
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON

WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514

PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-9 213 OF 230



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TWO WORKING DAYS BEFORE YOU DIG

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0' 10' 20' 40'

MARK THOMAS

1970 BROADWAY, SUITE 760

OAKLAND, CA 94612

(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LIC#6377
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

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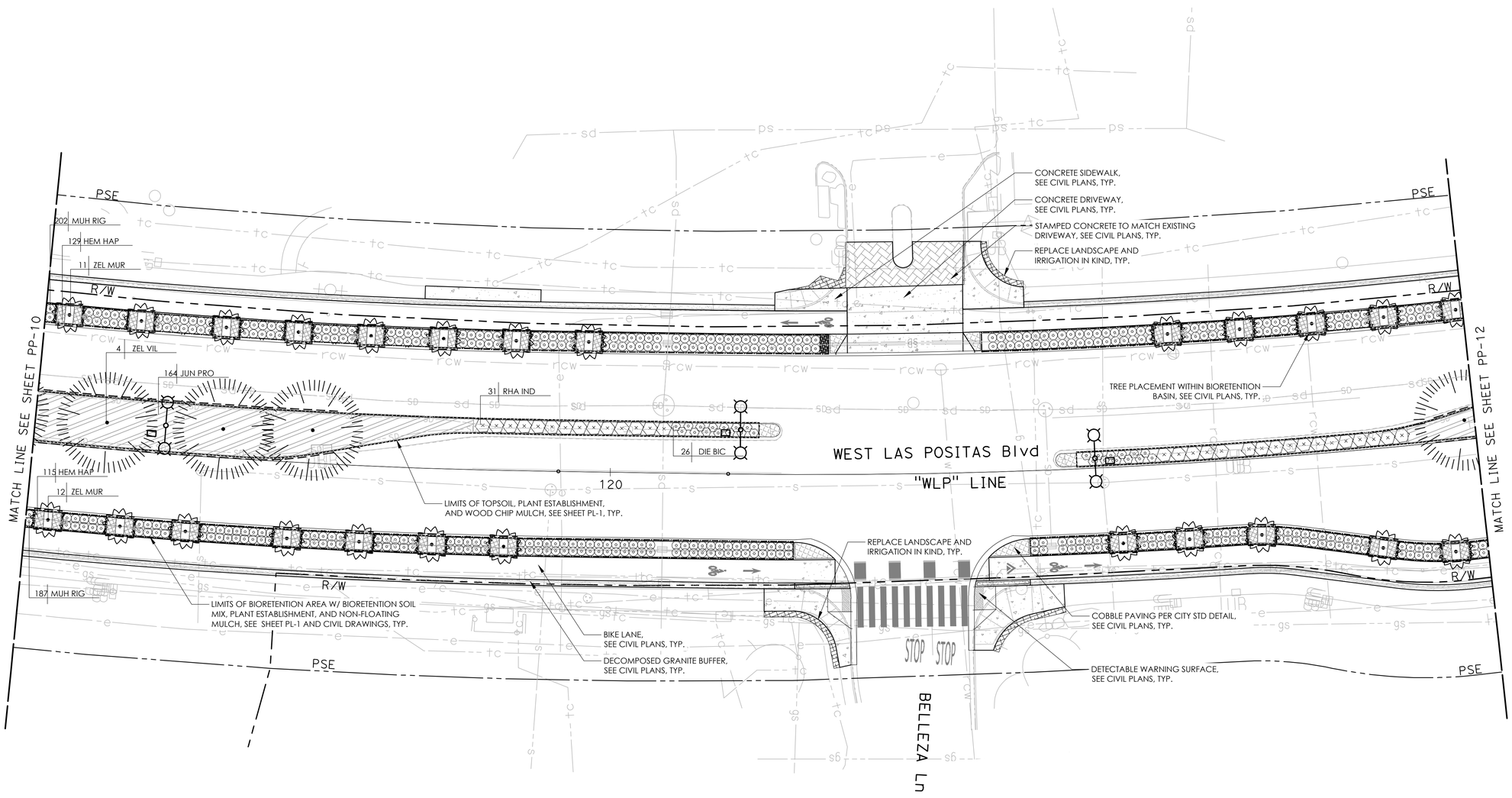
CITY OF PLEASANTON

WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514

PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-10 214 OF 230



NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
Call: TOLL FREE
1-800
642-2444
TWO WORKING DAYS BEFORE YOU DIG

95% SUBMITTAL

0' 10' 20' 40'

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LIC#5317
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

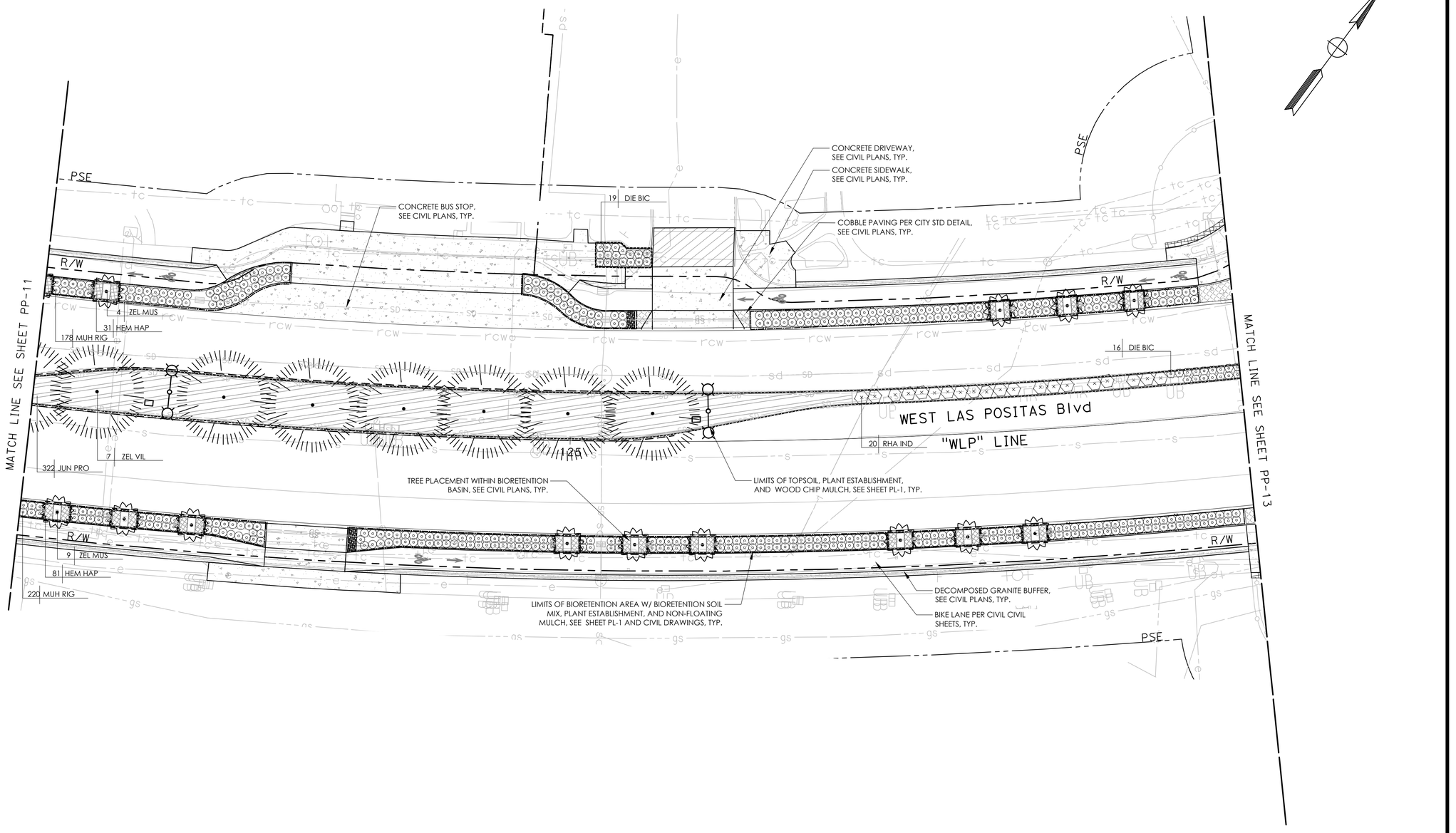
THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-11 215 OF 230



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TWO WORKING DAYS BEFORE YOU DIG

95% SUBMITTAL

0' 10' 20' 40'

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LA#5537
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-12 216 OF 230

STONERIDGE Dr

MATCH LINE SEE SHEET PP-12

WEST LAS POSITAS Blvd

"WLP" LINE

130

PSE

R/W

REPLACE LANDSCAPE AND IRRIGATION IN KIND, TYP.

CONCRETE SIDEWALK, SEE CIVIL PLANS, TYP.

LIMITS OF BIORETENTION AREA W/ BIORETENTION SOIL MIX, PLANT ESTABLISHMENT, AND NON-FLOATING MULCH, SEE SHEET PL-1 AND CIVIL DRAWINGS, TYP.

CONCRETE DRIVEWAY, SEE CIVIL PLANS, TYP.

BIKE LANE, SEE CIVIL PLANS, TYP.

DECOMPOSED GRANITE BUFFER, SEE CIVIL PLANS, TYP.

COBBLE PAVING PER CITY STD DETAIL, SEE CIVIL PLANS, TYP.

8 LAU SAR

41 HEL SEM

53 CEA YAN

TREE PLACEMENT WITHIN BIORETENTION BASIN, SEE CIVIL PLANS, TYP.

17 DIE BIC

DETECTABLE WARNING SURFACE, SEE CIVIL PLANS, TYP.

STAMPED ASPHALT CROSSWALK, SEE CIVIL PLANS, TYP.

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1-800

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TWO WORKING DAYS BEFORE YOU DIG

95% SUBMITTAL

0' 10' 20' 40'

MARK THOMAS

1970 BROADWAY, SUITE 760

OAKLAND, CA 94612

(510) 844-5600

LICENSED LANDSCAPE ARCHITECT
CHRISTINE ANDERSON LICA577
Signature
02-28-2027
Renewal Date
Date
STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG

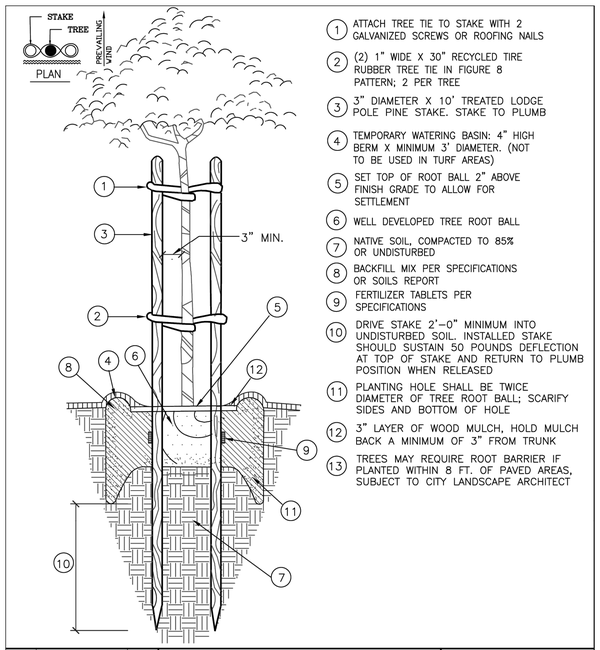
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON

WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514

PLANTING PLAN

SCALE:	DATE:	PIN:	SHEET:
1"=20'	5/30/2025	AL-20106	PP-13 217 OF 230



1. ATTACH TREE TIE TO STAKE WITH 2 GALVANIZED SCREWS OR ROOFING NAILS
2. (2) 1" WIDE X 30" RECYCLED TIRE RUBBER TREE TIE IN FIGURE 8 PATTERN; 2 PER TREE
3. 3" DIAMETER X 10' TREATED LODGE POLE PINE STAKE. STAKE TO PLUMB
4. TEMPORARY WATERING BASIN: 4" HIGH BERM X MINIMUM 3' DIAMETER. (NOT TO BE USED IN TURF AREAS)
5. SET TOP OF ROOT BALL 2" ABOVE FINISH GRADE TO ALLOW FOR SETTLEMENT
6. WELL DEVELOPED TREE ROOT BALL
7. NATIVE SOIL, COMPACTED TO 85% OR UNDISTURBED
8. BACKFILL MIX PER SPECIFICATIONS OR SOILS REPORT
9. FERTILIZER TABLETS PER SPECIFICATIONS
10. DRIVE STAKE 2'-0" MINIMUM INTO UNDISTURBED SOIL. INSTALLED STAKE SHOULD SUSTAIN 50 POUNDS DEFLECTION AT TOP OF STAKE AND RETURN TO PLUMB POSITION WHEN RELEASED
11. PLANTING HOLE SHALL BE TWICE DIAMETER OF TREE ROOT BALL; SCARIFY SIDES AND BOTTOM OF HOLE
12. 3" LAYER OF WOOD MULCH, HOLD MULCH BACK A MINIMUM OF 3" FROM TRUNK
13. TREES MAY REQUIRE ROOT BARRIER IF PLANTED WITHIN 8 FT. OF PAVED AREAS, SUBJECT TO CITY LANDSCAPE ARCHITECT

DRAWN BY:	STAFF
CHECKED BY:	AN
SCALE:	NTS

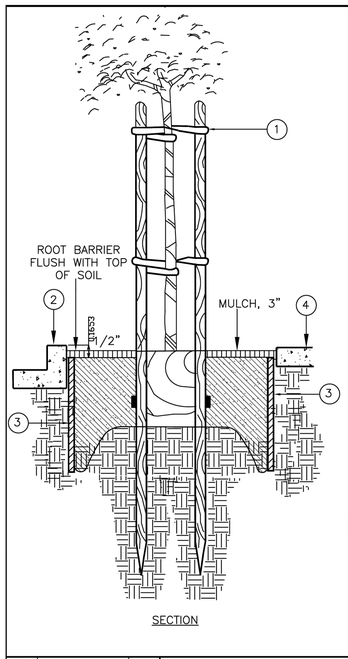
CITY OF PLEASANTON
STANDARD DETAILS
LANDSCAPE
TREE PLANTING DETAIL

REGISTERED PROFESSIONAL ENGINEER — JOHN MATTHEW BETTIT — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

DATE : 7/24 | DWG NO. 806

1 PD-1 TREE PLANTING & STAKING

CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS — N.T.S.



1. TREE, REFER TO CITY STANDARD DETAIL 806
2. CURB AND GUTTER OR OTHER PAVING
3. UB-24" PANEL TYPE" ROOT CONTROL BARRIER BY "DEEP ROOT CORP." OR APPROV. EQ.
4. SIDEWALK
5. TREES MAY REQUIRE ROOT BARRIER IF PLANTED WITHIN 8 FT. OF PAVED AREAS SUBJECT TO CITY LANDSCAPE ARCHITECT

DRAWN BY:	STAFF
CHECKED BY:	AN
SCALE:	NTS

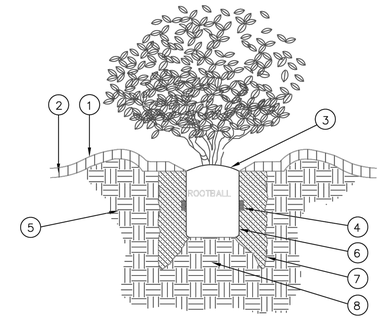
CITY OF PLEASANTON
STANDARD DETAILS
LANDSCAPE
ROOT BARRIER DETAIL

REGISTERED PROFESSIONAL ENGINEER — JOHN MATTHEW BETTIT — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

DATE : 7/24 | DWG NO. 807

2 PD-1 TREE ROOT BARRIER

CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS — N.T.S.



1. TEMPORARY WATERING BASIN; 4" HIGH BERM X 3' DIAMETER.
2. MULCH PER SPECIFICATIONS. ROOT CROWN SHALL BE KEPT 3" CLEAR OF MULCH
3. SET CROWN OF PLANT 1/2" ABOVE FINISH GRADE SOIL. SIDES OF ROOT BALL SHALL NOT BE EXPOSED.
4. FERTILIZER TABLET(S) PER SPECIFICATIONS.
5. BACK FILL MIXTURE PER SPECIFICATIONS.
6. WELL DEVELOPED SHRUB ROOTBALL.
7. PLANTING HOLE SHALL BE TWICE DIAMETER OF SHRUB ROOT BALL; SCARIFY SIDES AND BOTTOM OF HOLE.
8. NATIVE SOIL, COMPACTED TO 85% OR UNDISTURBED

DRAWN BY:	STAFF
CHECKED BY:	AN
SCALE:	NTS

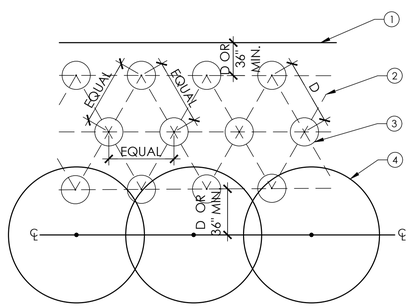
CITY OF PLEASANTON
STANDARD DETAILS
LANDSCAPE
SHRUB PLANTING DETAIL

REGISTERED PROFESSIONAL ENGINEER — JOHN MATTHEW BETTIT — No. 78830 — Exp. 9/30/2025 — CIVIL — STATE OF CALIFORNIA

DATE : 7/24 | DWG NO. 809

3 PD-1 SHRUB PLANTING

CITY OF PLEASANTON DEPARTMENT OF PUBLIC WORKS — N.T.S.



KEY:

1. MOW CURB, PAVEMENT EDGE, OR WOOD HEADER.
2. TYPICAL SPACING (D). SEE PLANTING PLAN.
3. GROUNDCOVER PLANT, SIZE AS DENOTED ON PLANTING PLAN.
4. SHRUB MASS, TYP.

4 PD-1 SHRUB AND GROUNDCOVER PLANTING

N.T.S.

5 PD-1 NOT USED

N.T.S.

95% SUBMITTAL

MARK THOMAS
1970 BROADWAY, SUITE 760
OAKLAND, CA 94612
(510) 844-5600

LICENSED LANDSCAPE ARCHITECT — CHRISTINE ANDERSON 1704377 — Signature — 02-28-2027 Renewal Date — Date — STATE OF CALIFORNIA

THE CITY OF PLEASANTON

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: ANH TRUONG
DRAWN BY: JORDAN GUSTIN

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT
PROJECT CIP#11514
PLANTING DETAILS

SCALE:	DATE:	PIN:	SHEET:
	5/30/2025	AL-20106	PLD-1 218 OF 230

GENERAL NOTES (SHEETS E-1 TO E-12):

1. ALL WORK SHALL CONFORM TO THE 2024 EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND STANDARD SPECIFICATIONS, CITY OF PLEASANTON STANDARD PLANS, AND 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD).

2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UNDERGROUND UTILITIES, WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CONTACT USA (811/800 227-2600) AT LEAST 48 HOURS BEFORE BEGINNING WORK. THE CONTRACTOR SHALL POTHOLE ALL PROPOSED TRAFFIC SIGNAL LOCATIONS TO VERIFY/CONFIRM EXISTING UNDERGROUND UTILITIES, PRIOR TO ORDERING TRAFFIC SIGNAL EQUIPMENT.

3. EXISTING IMPROVEMENTS, INCLUDING SUBSTRUCTURES THAT ARE DAMAGED BY THE CONTRACTOR, WHICH ARE NOT DESIGNATED BY THE PLANS OR SPECIFICATIONS TO BE DISTURBED, SHALL BE RESTORED OR REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

4. ALL ELECTRICAL EQUIPMENT, INCLUDING SIGNAL POLES, LIGHTING POLES, AND SERVICE CABINETS, ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. PROPOSED FINAL LOCATIONS ARE TO BE APPROVED IN THE FIELD BY THE ENGINEER PRIOR TO EXCAVATION FOR FOUNDATIONS. THE CONTRACTOR SHALL GIVE 48 HOURS NOTICE FOR APPROVAL OF PROPOSED EQUIPMENT LOCATIONS.

5. ALL TRAFFIC SIGNAL PULL BOXES SHALL BE CONTRACTOR FURNISHED NO. 5 UNLESS OTHERWISE NOTED ON THE PLANS. ALL NO. 5 TRAFFIC SIGNAL PULL BOXES SHALL BE TRAFFIC RATED AND THEFT DETERRENT, AS DESCRIBED IN THE SPECIFICATIONS. ALL STREET LIGHTING PULL BOXES SHALL BE CONTRACTOR FURNISHED NO. 3 ½ UNLESS OTHERWISE NOTED ON THE PLANS.

6. ALL CONTRACTOR FURNISHED NEW STREET LIGHTING CONDUIT SHALL BE 2" UNLESS OTHERWISE NOTED ON PLANS. ALL CONTRACTOR FURNISHED TRAFFIC SIGNAL CONDUIT SHALL BE 3" UNLESS OTHERWISE NOTED ON PLANS.

7. THE CONTRACTOR SHALL CONTACT THE CITY OF PLEASANTON FOR ENGINEER'S OFFICE FOR APPROVAL 7 DAYS PRIOR TO ANTICIPATED ENERGIZING OF THE NEW ELECTRICAL EQUIPMENT.

8. CONTRACTOR SHALL SUBMIT TO THE CITY OF PLEASANTON FOR REVIEW AND APPROVAL A TRAFFIC CONTROL PLAN FOR ELECTRICAL CONSTRUCTION (INCLUDE WORK HOURS, DATE, LANE CLOSURE, AND PEDESTRIAN AND VEHICLE TRAFFIC CONTROL). REFER TO TECHNICAL SPECIFICATIONS REGARDING ELECTRICAL SHUT DOWN REQUIREMENTS.

9. ALL PEDESTRIAN SIGNALS SHALL BE COUNTDOWN LED-TYPE.

10. ALL PUSH BUTTON ASSEMBLIES SHALL BE APS-TYPE AND MEET CALTRANS SPECIFICATIONS.

11. ALL POLES, BRACKETS, AND CABINETS (NEW AND EXISTING TO REMAIN) SHALL BE PAINTED PER TECHNICAL SPECIFICATIONS.

12. CONTRACTOR SHALL POTHOLE AND VERIFY ALL ELECTRICAL POLE FOUNDATIONS TO BE FREE OF OBSTRUCTIONS PRIOR TO PLACING ORDER FOR POLES OR MAST ARMS.

13. ALL NEW TRAFFIC SIGNAL HEADS SHALL BE 12" TRAFFIC SIGNAL HEADS WITH YELLOW RETROREFLECTIVE TAPE ON THE BACKPLATE.

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Underground Service Alert
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1-800
642-2444
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FEHR PEERS
100 Pringle Avenue Walnut Creek, CA 94596
Suite 600 (925) 930-7100

REGISTERED PROFESSIONAL ENGINEER ROBERT EGAN MINISTER PRELIMINARY NOT FOR CONSTRUCTION 19020 EXP. 9/30/26 STATE OF CALIFORNIA CIVIL

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: D. MALLA / K. GONZALEZ
DRAWN BY: D. MALLA / K. GONZALEZ

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
GENERAL NOTES

SCALE:	DATE:	PIN:	SHEET:
AS NOTED	5/15/2025	22-20106	E-1 219 OF 230

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May 15, 2025 CADD FILE: C:\fpbox\Box\~Projects\WC-Projects_WC23\WC23-3992.01 W Las Positas PS&E Design\CADD\95 Submittal\3992.01 TS1-T55.dwg

PROJECT NOTES (THIS SHEET ONLY):

1. EXISTING TRAFFIC SIGNAL CABINET TO REMAIN.
2. REMOVE AND SALVAGE EXISTING 8" TRAFFIC SIGNAL HEAD. INSTALL NEW 12" TRAFFIC SIGNAL HEAD.
3. RELOCATE AND REINSTALL VIDEO CAMERA DETECTION SYSTEM TO NEW LUMINAIRE ARMS. REPROGRAM DETECTION ZONES AS SHOWN PER MANUFACTURER RECOMMENDATION.

PROPOSED PLAN
1"=20'

REMOVAL PLAN
1"=50'

EXISTING PHASE DIAGRAM TO REMAIN
(EMERGENCY VEHICLE PREEMPTION)
EVA = ø2+ø5
EVB = ø4+ø7
EVC = ø6+ø1
EVD = ø8+ø3

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SCALE: 1"=20'

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

FEHR PEERS
100 Pringle Avenue Walnut Creek, CA 94596
Suite 600 (925) 930-7100

REGISTERED PROFESSIONAL ENGINEER ROBERT E. GRUSTIS 19920 EXP. 9/30/26 CIVIL STATE OF CALIFORNIA
PRELIMINARY NOT FOR CONSTRUCTION

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: D. MALLA
DRAWN BY: D. MALLA

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
TRAFFIC SIGNAL PLAN
HOPYARD ROAD AND WEST LAS POSITAS BOULEVARD

SCALE:	DATE:	PIN:	SHEET:
AS NOTED	5/15/2025	22-20106	E-2 220 OF 230

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May 15, 2025 CADD FILE: C:\Inbox\Box\~Projects\WC~Projects\WC23\WC23-3992.01 W Las Positas PS&E Design\CAD\95 Submittal\3992.01_TS1-TS5.dwg

CONDUCTOR SCHEDULE

AWG OR CABLE	CONDUCTOR DESIGNATION	NUMBER OF CONDUCTORS RUN NUMBERS 1	2	3	4	5	6	7	8	9	10	11	12	13
NO. 14	ø1	3	3	3	6	6	6	6	3	–	–	–	–	–
	ø2	–	3	3	6	6	6	6	3	3	–	–	–	–
	ø3	–	–	3	6	6	6	6	3	3	3	–	–	–
	ø4	–	–	–	6	6	6	6	3	3	–	–	–	–
	ø5	3	3	3	6	6	6	6	3	3	3	3	3	–
	ø6	–	–	–	3	3	3	3	3	3	3	3	3	3
	ø7	–	3	3	6	6	6	6	3	3	3	–	–	–
	ø8	–	3	3	6	6	6	6	3	3	3	3	–	–
	ø2P	–	2	2	4	4	4	4	–	–	–	–	–	–
	ø4P	–	–	–	2	2	2	2	2	2	–	–	–	–
	ø6P	–	–	–	2	2	2	2	2	2	2	2	–	–
	ø8P	–	2	2	4	4	4	4	2	2	2	2	2	–
	APS (ø2P)	–	2	2	4	4	4	4	–	–	–	–	–	–
	APS (ø4P)	–	–	–	2	2	2	2	2	2	–	–	–	–
	APS (ø6P)	–	–	–	2	2	2	2	2	2	2	2	2	–
	APS (ø8P)	–	2	2	4	4	4	4	2	2	2	2	2	–
	APS COMMON	–	1	1	2	2	2	2	1	1	1	1	1	–
	PHOTOELECTRIC UNIT (120 V)	–	–	–	3	3	3	3	–	–	–	–	–	–
	SPARES	3	3	3	6	6	6	6	3	3	3	3	3	3
	TOTAL NO. 14	9	27	30	80	80	80	80	40	37	27	21	16	6
NO. 8	LUMINAIRES (240 V)	2	2	2	4	4	4	4	2	2	2	2	2	2
	SIGNAL COMMON	1	1	1	2	2	2	2	1	1	1	1	1	1
	TOTAL NO. 8	3	3	3	6	6	6	6	3	3	3	3	3	3
DLC	ø1	2	2	2	2	2	2	2	–	–	–	–	–	–
	ø2	–	–	–	–	4	4	5	–	–	–	–	–	–
	ø3	–	–	2	2	2	2	2	–	–	–	–	–	–
	ø4	–	–	–	4	4	4	4	4	4	3	–	–	–
	ø5	–	–	–	2	2	2	2	2	–	–	–	–	–
	ø6	1	1	1	5	5	5	5	4	4	4	4	4	4
	ø7	–	–	–	2	2	2	2	2	2	2	–	–	–
	ø8	–	1	4	4	4	4	4	–	–	–	–	–	–
	TOTAL DLC	3	4	9	21	25	25	26	12	10	9	4	4	4
VIDEO DETECTION COAX CABLE	ø1+ø6 (SB)	–	–	–	1	1	1	1	1	–	–	–	–	–
	ø2+ø5 (NB)	1	1	1	1	1	1	1	–	–	–	–	–	–
	ø3+ø8 (WB)	–	–	–	1	1	1	1	1	1	1	–	–	–
	ø4+ø7 (EB)	–	–	1	1	1	1	1	–	–	–	–	–	–
	TOTAL DETECTOR CABLES	1	1	2	4	4	4	4	2	1	1	–	–	–
	EVA	1	1	1	1	1	1	1	–	–	–	–	–	–
	EVB	–	–	–	1	1	1	1	–	–	–	–	–	–
	EVC	–	–	–	1	1	1	1	1	–	–	–	–	–
	EVD	–	–	–	1	1	1	1	1	1	1	1	–	–
	TOTAL EVP CABLES	1	1	1	4	4	4	4	2	1	1	1	–	–
	CONDUIT SIZE	3"	3"	3"	2–4"	2–4"	2–4"	(2–3")	4"	3"	3"	3"	2"	2"
	PERCENT FILL	10%	16%	23%	16%	17%	17%	31%	17%	25%	21%	14%	23%	18%

NOTES:

ALL EXISTING CONDUIT AND CONDUCTORS NOTED IN PARENTHESES.

ALL OTHER CONDUIT AND CONDUCTORS ARE NEW.

PROPOSED POLE AND EQUIPMENT SCHEDULE

	STANDARD TYPE	SIG MA	LUM ARM	VEH SIG MTG MAST	POLE	PED SIGNAL MTG	APS ø	APS ARROW	LED LUM WATTAGE	SPECIAL REQUIREMENTS
(A)	16–2–70	30'	–	MAS	SV–1–T	SP–1–T	6 (N)	(N)	–	INSTALL APS.
(B)	1–B	–	–	–	TV–1–T	SP–1–T	8 (N)	(N)	–	INSTALL APS.
(C)	15TS	–	12'	–	SV–1–T	–	–	–	60W	–
(D)	15TS (N)	–	2–12'	–	SV–2–T	–	–	–	120W	SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
(E)	TYPE 2 POST	–	–	–	–	–	2,8 (N)	(N)	–	INSTALL APS.
(F)	18–2–70	25'	–	MAS	SV–3–T (N)	SP–2–T	–	–	–	INSTALL APS. UPGRADE TO 12" SIGNAL HEADS.
(G)	15TS (N)	–	2–12'	–	SV–2–T	–	–	–	120W	SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
(H)	18–2–70	30'	–	MAS	SV–3–T	SP–2–T	2,4 (N)	(N)	–	INSTALL APS.
(I)	15TS (N)	–	2–12'	–	SV–2–T	–	–	–	120W	SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
(J)	18–2–70	30'	–	MAS	SV–4–T (N)	SP–2–T	4,6 (N)	(N)	–	INSTALL APS. UPGRADE TO 12" SIGNAL HEADS.
(K)	TYPE 2 POST	–	–	–	–	–	–	–	–	INSTALL APS.
(L)	15TS (N)	–	2–12'	–	SV–2–T	–	–	–	120W	SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.

NOTES:

ALL EQUIPMENT IS EXISTING, UNLESS OTHERWISE NOTED.

(N) = NEW

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THE CITY OF PLEASANTON

REVISIONS NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: D. MALLA
DRAWN BY: D. MALLA

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
CONDUCTOR AND POLE SCHEDULE
HOPYARD ROAD AND WEST LAS POSITAS BOULEVARD

SCALE:	DATE:	PIN:	SHEET:
AS NOTED	5/15/2025	22-20106	E-3 221 OF 230

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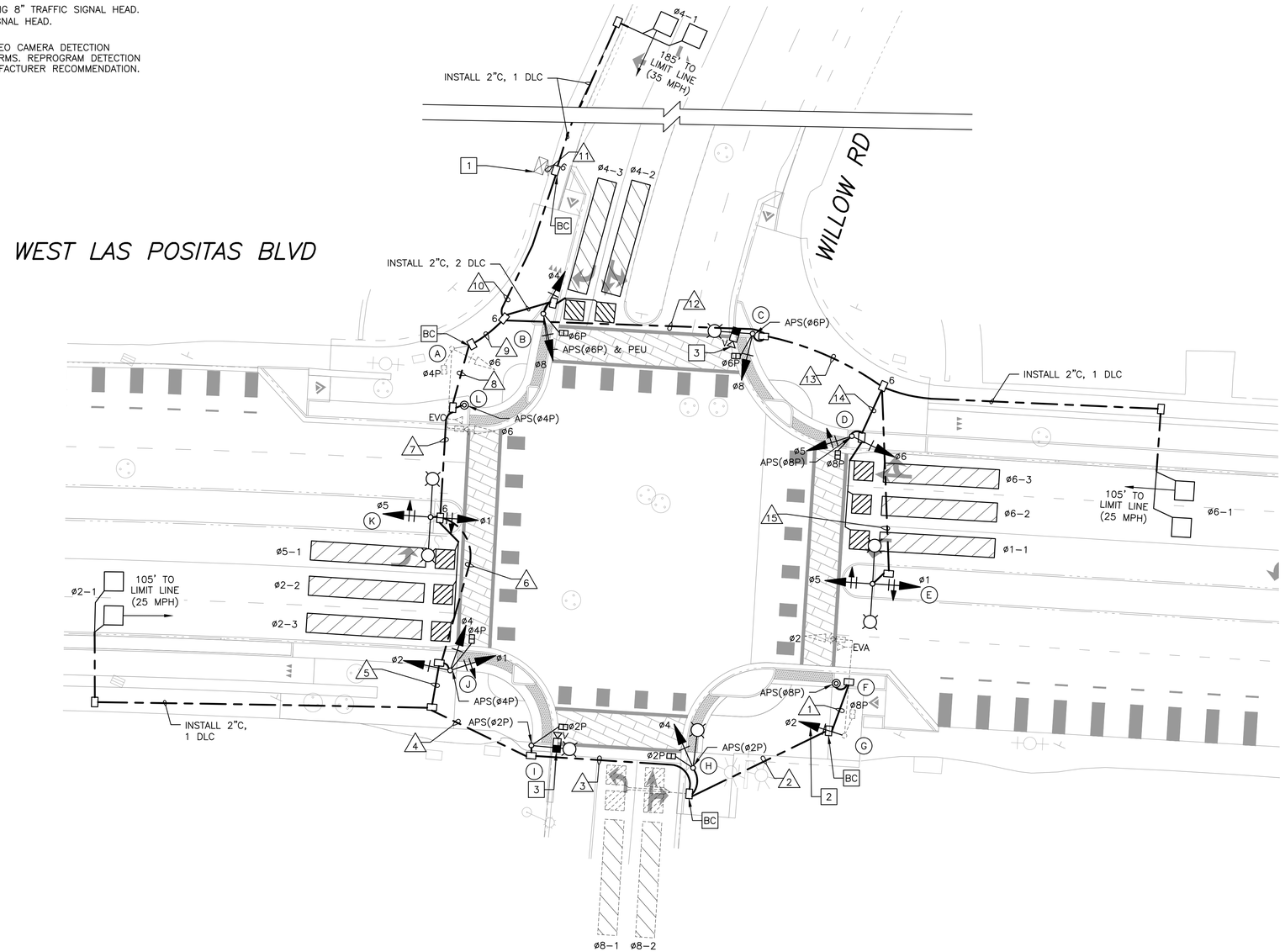
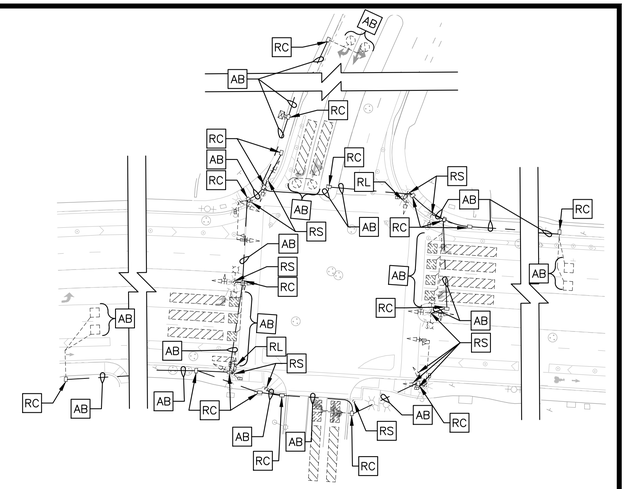
May 15, 2025 CADD FILE: C:\Tabox\Box\~Projects\ WC~Projects\ WC23\WC23-3992.01 W Las Positas PS&E Design\CAD\95 Submittal\3992.01 TS1-TS5.dwg

PROJECT NOTES (THIS SHEET ONLY):

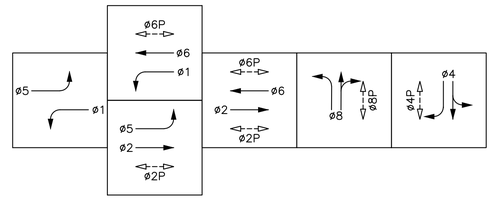
1. EXISTING TRAFFIC SIGNAL CABINET TO REMAIN.
2. REMOVE AND SALVAGE EXISTING 8" TRAFFIC SIGNAL HEAD. INSTALL NEW 12" TRAFFIC SIGNAL HEAD.
3. RELOCATE AND REINSTALL VIDEO CAMERA DETECTION SYSTEM TO NEW LUMINAIRE ARMS. REPROGRAM DETECTION ZONES AS SHOWN PER MANUFACTURER RECOMMENDATION.



PROPOSED PLAN
1"=20'



REMOVAL PLAN
1"=50'



EXISTING PHASE DIAGRAM TO REMAIN
(EMERGENCY VEHICLE PREEMPTION)
EVA = ø2+ø5
EVC = ø6+ø1

0 10 20
SCALE: 1"=20'

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PRELIMINARY NOT FOR CONSTRUCTION

THE CITY OF PLEASANTON

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: D. MALLA
DRAWN BY: D. MALLA

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
TRAFFIC SIGNAL PLAN
WILLOW ROAD AND WEST LAS POSITAS BOULEVARD

SCALE:	DATE:	PIN:	SHEET:
AS NOTED	5/15/2025	22-20106	E-4 222 OF 230

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CONDUCTOR SCHEDULE

AWG OR CABLE	CONDUCTOR DESIGNATION	NUMBER OF CONDUCTORS — RUN NUMBERS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NO. 14	ø1	–	–	–	–	–	3	3	3	3	6	6	3	3	–	3
	ø2	–	3	3	3	3	3	3	3	3	3	3	–	–	–	–
	ø4	–	–	3	3	3	3	3	3	3	3	3	–	–	–	–
	ø5	–	–	–	–	–	–	3	3	3	6	6	3	3	3	3
	ø6	–	–	–	–	–	–	–	–	3	6	6	3	3	3	–
	ø8	–	–	–	–	–	–	–	–	–	3	3	3	–	–	–
	ø2P	–	–	2	2	2	2	2	2	2	2	2	–	–	–	–
	ø4P	–	–	–	–	–	2	2	2	2	2	2	–	–	–	–
	ø6P	–	–	–	–	–	–	–	–	–	2	2	2	–	–	–
	ø8P	–	2	2	2	2	2	2	2	2	4	4	2	2	2	–
	APS (ø2P)	–	–	2	2	2	2	2	2	2	2	2	–	–	–	–
	APS (ø4P)	–	–	–	–	–	2	2	2	2	2	2	–	–	–	–
	APS (ø6P)	–	–	–	–	–	–	–	–	–	2	2	2	–	–	–
	APS (ø8P)	2	2	2	2	2	2	2	2	2	4	4	2	2	2	–
	APS COMMON	1	1	1	1	1	1	1	1	1	2	2	1	1	1	–
	PHOTOELECTRIC UNIT (120 V)	–	–	–	–	–	–	–	–	–	3	3	–	–	–	–
	SPARES	3	3	3	3	3	3	3	3	3	6	6	3	3	3	3
	TOTAL NO. 14	6	11	18	18	18	25	28	28	31	58	58	24	17	14	9
NO. 8	LUMINAIRES (240 V)	–	–	2	2	2	2	2	2	2	4	4	2	2	–	2
	SIGNAL COMMON	–	1	1	1	1	1	1	1	1	2	2	1	1	1	1
	TOTAL NO. 8	–	1	3	3	3	3	3	3	3	6	6	3	3	1	3
DLC	ø1	–	–	–	–	–	–	–	–	–	1	1	1	1	1	–
	ø2	–	–	–	–	1	1	3	3	3	3	3	–	–	–	–
	ø4	–	–	–	–	–	–	–	–	–	2	3	–	–	–	–
	ø5	–	–	–	–	–	–	1	1	1	1	1	–	–	–	–
	ø6	–	–	–	–	–	–	–	–	–	3	3	3	3	2	–
	ø8	–	–	2	2	2	2	2	2	2	2	2	–	–	–	–
	TOTAL DLC	–	–	2	2	3	3	6	6	6	12	13	4	4	3	–
VIDEO DETECTION COAX CABLE	ø1+ø6 (WB)	–	–	–	–	–	–	–	–	1	1	1	–	–	–	–
	ø2+ø5 (EB)	–	1	1	1	1	1	1	1	1	1	1	–	–	–	–
	ø4 (SB)	–	–	–	–	–	1	1	1	1	1	1	–	–	–	–
	ø8 (NB)	–	–	–	–	–	–	–	–	–	1	1	1	–	–	–
	TOTAL DETECTOR CABLES	–	1	1	1	1	2	2	2	3	4	4	1	–	–	–
EMERGENCY VEHICLE PREEMPTION CABLE (EVP)	EVA	–	–	–	–	–	–	–	–	1	1	1	–	–	–	–
	EVC	–	1	1	1	1	1	1	1	1	1	1	–	–	–	–
	TOTAL EVP CABLES	–	1	1	1	1	1	1	1	2	2	2	–	–	–	–
	CONDUIT SIZE	2"	2"	3"	2"	3"	3"	3"	3"	3"	2–3"	(2–3")	3"	2"	2"	3"
	PERCENT FILL	4%	12%	11%	25%	12%	15%	19%	19%	21%	19%	20%	14%	25%	17%	3%

NOTES:

ALL EXISTING CONDUIT AND CONDUCTORS NOTED IN PARENTHESES.

ALL OTHER CONDUIT AND CONDUCTORS ARE NEW.

PROPOSED POLE AND EQUIPMENT SCHEDULE

	STANDARD TYPE	SIG MA	LUM ARM	VEH SIG MTG MAST	VEH SIG MTG POLE	PED SIGNAL MTG	APS ø	APS ARROW	LED LUM WATTAGE	SPECIAL REQUIREMENTS
(A)	18–1–70	25'	–	MAS	SV–1–T	SP–1–T (N)	–	–	–	REMOVE AND SALVAGE PEDESTRIAN SIGNAL HEAD AND PUSH BUTTON. COVER HOLES WITH RAIN TIGHT SEAL.
(B)	1–B (N)	–	–	–	TV–2–T	SP–1–T	6	→	–	INSTALL APS.
(C)	15TS (N)	–	–	–	SV–1–T	SP–1–T	6	←	120W	INSTALL APS. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
(D)	1–B (N)	–	–	–	TV–2–T	SP–1–T	8	→	–	INSTALL APS.
(E)	15TS (N)	–	2–12'	–	SV–2–T	–	–	–	120W	SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
(F)	TYPE 2 POST (N)	–	–	–	–	–	8	←	–	INSTALL APS.
(G)	18–1–70	25'	–	MAS	SV–1–T (N)	SP–1–T	–	–	–	UPGRADE TO 12" SIGNAL HEAD ON POLE. REMOVE AND SALVAGE PED SIGNAL HEAD AND PEDESTRIAN PUSH BUTTON. COVER HOLES WITH RAIN TIGHT SEAL.
(H)	15TS (N)	–	–	–	SV–1–T	SP–1–T	2	→	120W	INSTALL APS. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
(I)	15TS (N)	–	–	–	–	SP–1–T	2	←	120W	INSTALL APS. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
(J)	1–B (N)	–	–	–	TV–3–T	SP–1–T	4	→	–	INSTALL APS.
(K)	15TS (N)	–	2–12'	–	SV–2–T	–	–	–	120W	SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
(L)	TYPE 2 POST (N)	–	–	–	–	–	4	←	–	INSTALL APS.

NOTES:

ALL EQUIPMENT IS EXISTING, UNLESS OTHERWISE NOTED.

(N) = NEW

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THE CITY OF PLEASANTON

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: D. MALLA
DRAWN BY: D. MALLA

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
CONDUCTOR AND POLE SCHEDULE
WILLOW ROAD AND WEST LAS POSITAS BOULEVARD

SCALE:	DATE:	PIN:	SHEET:
AS NOTED	5/15/2025	22-20106	E-5 223 OF 230

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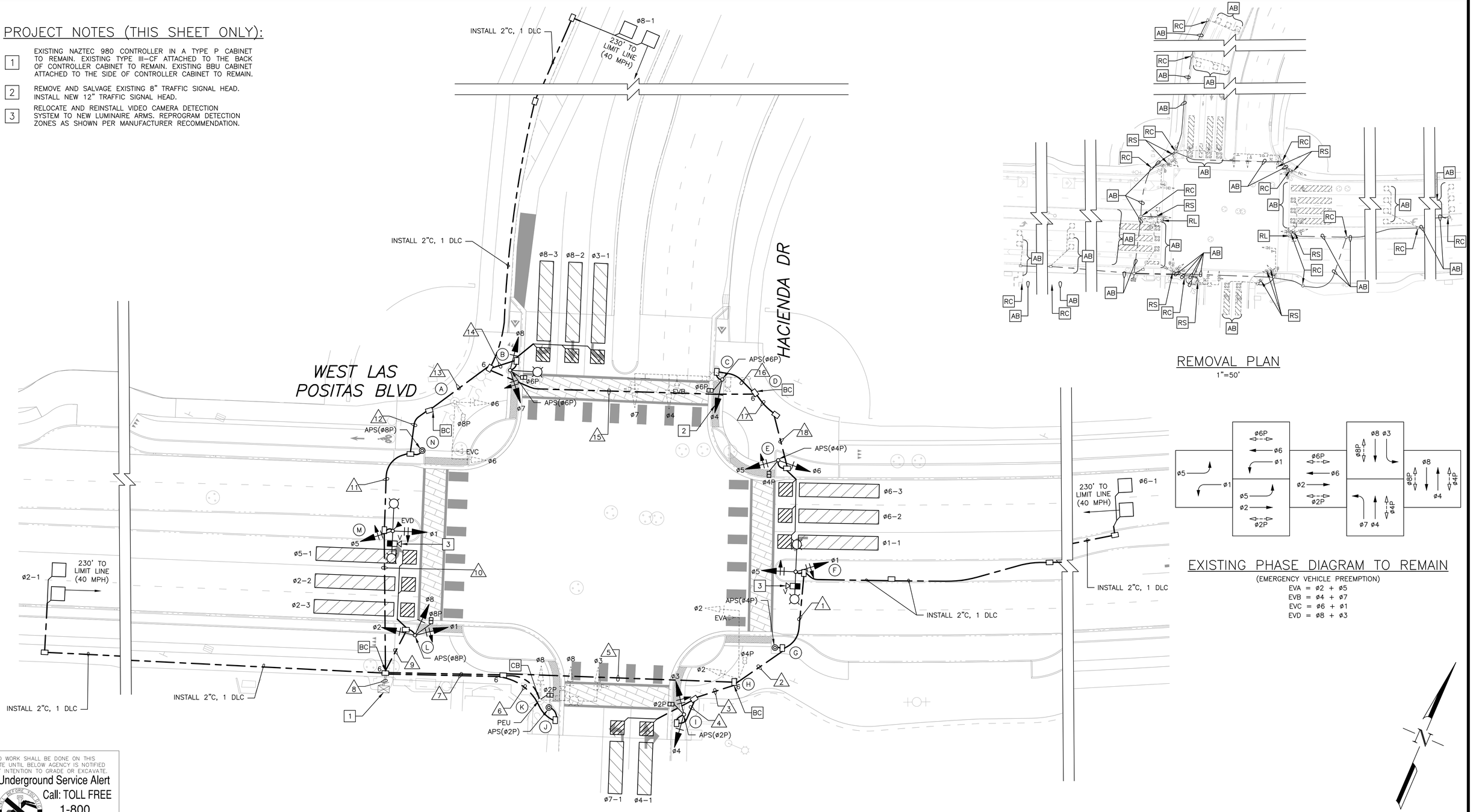
PROJECT NOTES (THIS SHEET ONLY):

1. EXISTING NAZTEC 980 CONTROLLER IN A TYPE P CABINET TO REMAIN. EXISTING TYPE III–CF ATTACHED TO THE BACK OF CONTROLLER CABINET TO REMAIN. EXISTING BBU CABINET ATTACHED TO THE SIDE OF CONTROLLER CABINET TO REMAIN.
2. REMOVE AND SALVAGE EXISTING 8" TRAFFIC SIGNAL HEAD. INSTALL NEW 12" TRAFFIC SIGNAL HEAD.
3. RELOCATE AND REINSTALL VIDEO CAMERA DETECTION SYSTEM TO NEW LUMINAIRE ARMS. REPROGRAM DETECTION ZONES AS SHOWN PER MANUFACTURER RECOMMENDATION.



PROPOSED PLAN
1"=20'

REMOVAL PLAN
1"=50'

EXISTING PHASE DIAGRAM TO REMAIN
(EMERGENCY VEHICLE PREEMPTION)
EVA = ø2 + ø5
EVB = ø4 + ø7
EVC = ø6 + ø1
EVD = ø8 + ø3

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SCALE: 1"=20'

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THE CITY OF PLEASANTON

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: K. GONZALEZ
DRAWN BY: K. GONZALEZ

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
TRAFFIC SIGNAL PLAN
HACIENDA DRIVE AND WEST LAS POSITAS BOULEVARD

SCALE:	DATE:	PIN:	SHEET:
AS NOTED	5/15/2025	22-20106	E-6 224 OF 230

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CONDUCTOR SCHEDULE

AWG OR CABLE	CONDUCTOR DESIGNATION	NUMBER OF CONDUCTORS RUN NUMBERS																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
NO. 14	ø1	3	3	–	–	3	–	3	6	3	3	–	–	–	–	–	–	–	–
	ø2	–	–	–	–	3	–	3	6	3	–	–	–	–	–	–	–	–	–
	ø3	–	–	3	3	3	–	3	3	–	–	–	–	–	–	–	–	–	–
	ø4	–	–	3	3	3	–	3	6	–	3	3	3	3	–	3	3	–	–
	ø5	3	3	–	–	3	–	3	6	–	3	3	3	3	–	3	–	3	3
	ø6	–	–	–	–	–	–	–	3	–	3	3	3	3	–	3	–	3	3
	ø7	–	–	–	–	–	–	–	3	–	3	3	3	3	3	3	–	–	–
	ø8	–	–	–	–	–	–	3	6	3	3	3	3	3	3	–	–	–	–
	ø2P	–	–	2	2	2	–	2	2	–	–	–	–	–	–	–	–	–	–
	ø4P	–	–	–	–	2	–	2	4	–	2	2	2	2	–	2	–	2	2
	ø6P	–	–	–	–	–	–	–	2	–	2	2	2	2	2	2	2	–	–
	ø8P	–	–	–	–	–	–	–	2	2	2	2	2	–	–	–	–	–	–
	APS (ø2P)	–	–	2	2	2	2	2	2	–	–	–	–	–	–	–	–	–	–
	APS (ø4P)	–	2	–	–	2	–	2	4	–	2	2	2	2	–	2	–	2	2
	APS (ø6P)	–	–	–	–	–	–	–	2	–	2	2	2	2	2	2	2	–	–
	APS (ø8P)	–	–	–	–	–	–	–	2	2	2	2	–	–	–	–	–	–	–
	APS COMMON	–	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
	PHOTOELECTRIC UNIT (120 V)	–	–	–	–	–	–	3	3	–	–	–	–	–	–	–	–	–	–
	SPARES	3	3	3	3	3	3	3	6	3	3	3	3	3	3	3	3	3	3
	TOTAL NO. 14	9	12	14	14	27	6	33	70	17	34	31	29	27	14	24	11	14	14
NO. 8	LUMINAIRES (240 V)	2	2	–	–	2	–	2	4	–	2	2	2	2	2	2	2	–	–
	SIGNAL COMMON	1	1	1	1	1	–	1	2	1	1	1	1	1	1	1	1	1	1
	TOTAL NO. 8	3	3	1	1	3	–	3	6	1	3	3	3	3	3	3	3	1	1
DLC	ø1	–	–	–	–	–	–	–	1	–	1	1	1	1	–	1	–	1	1
	ø2	–	–	–	–	–	–	–	3	2	–	–	–	–	–	–	–	–	–
	ø3	–	–	–	–	–	–	–	1	–	1	1	1	1	1	–	–	–	–
	ø4	–	–	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–
	ø5	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
	ø6	1	1	–	–	1	–	1	3	–	2	2	2	2	–	2	–	2	2
	ø7	–	–	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–
	ø8	–	–	–	–	–	–	–	3	–	3	3	3	3	2	–	–	–	–
	TOTAL DLC	1	1	2	–	3	–	3	14	3	7	7	7	7	3	3	–	3	3
VIDEO DETECTION COAX CABLE	ø1+ø6 (WB)	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–
	ø2+ø5 (EB)	1	1	–	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–
	ø3+ø8 (SB)	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–
	ø4+ø7 (NB)	–	–	–	–	–	–	–	1	–	1	1	1	1	–	1	–	–	–
	TOTAL DETECTOR CABLES	1	1	–	–	1	–	2	4	–	2	1	1	1	–	1	–	–	–
EMERGENCY VEHICLE PREEMPTION CABLE (EVP)	EVA	–	–	–	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–
	EVB	–	–	–	–	–	–	–	1	–	1	1	1	1	–	1	–	–	–
	EVC	–	–	–	–	–	–	–	1	–	1	1	1	–	–	–	–	–	–
	EVD	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–
	TOTAL EVP CABLES	–	–	–	–	1	–	1	4	–	3	2	2	1	–	1	–	–	–
	CONDUIT SIZE	3"	2"	2"	2"	3"	2"	2–3"	(2–3")	2"	3"	3"	3"	3"	2"	3"	2"	2"	2"
	PERCENT FILL	7%	16%	15%	11%	15%	4%	9%	23%	19%	24%	21%	21%	19%	22%	14%	12%	17%	17%

NOTES:

ALL EXISTING CONDUIT AND CONDUCTORS NOTED IN PARENTHESES.

ALL OTHER CONDUIT AND CONDUCTORS ARE NEW.

POLE AND EQUIPMENT SCHEDULE

	STANDARD			VEH SIG MTG		PED SIGNAL MTG	APS		LED LUM WATTAGE	SPECIAL REQUIREMENTS
	TYPE	SIG MA	LUM ARM	MAST	POLE		ø	ARROW		
(A)	18–1–70	25'	–	MAS	SV–1–T	SP–1–T (N)	–	–	–	REMOVE AND SALVAGE PEDESTRIAN SIGNAL HEAD ON POLE AND PEDESTRIAN PUSH BUTTON. COVER HOLES WITH RAIN TIGHT SEAL.
(B)	15TS (N)	–	12'	–	SV–2–T	SP–1–T	6	→	120W	INSTALL APS. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
(C)	1–B (N)	–	–	–	TV–1–T	SP–1–T	6	←	–	INSTALL APS.
(D)	29–5–100	50'	15'	MAS MAS	SV–1–T (N)	–	–	–	60W	REMOVE AND SALVAGE PEDESTRIAN PUSH BUTTON. COVER HOLES WITH RAIN TIGHT SEAL.
(E)	1–B (N)	–	–	–	TV–2–T	SP–1–T	4	→	–	INSTALL APS.
(F)	15TS (N)	–	2–12'	–	SV–1–T SV–1–T	–	–	–	120W	INSTALL RELOCATED VIDEO DETECTION CAMERA ON LMA. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
(G)	TYPE 2 POST (N)	–	–	–	–	–	4	←	–	INSTALL APS.
(H)	18–1–70	25'	–	MAS	SV–1–T (N)	SP–1–T (N)	–	–	–	REMOVE AND SALVAGE PEDESTRIAN SIGNAL HEAD, PEDESTRIAN PUSH BUTTON, AND TRAFFIC SIGNAL HEAD ON POLE. COVER HOLES WITH RAIN TIGHT SEAL.
(I)	1–B (N)	–	–	–	TV–2–T	SP–1–T	2	→	–	INSTALL APS.
(J)	TYPE 2 POST (N)	–	–	–	–	–	2	←	–	INSTALL APS.
(K)	19–4–100	25'	15'	MAS MAS	SV–1–T	SP–1–T (N)	–	–	60W	–
(L)	1–B (N)	–	–	–	TV–3–T	SP–1–T	8	→	–	INSTALL APS.
(M)	15TS (N)	–	2–12'	–	SV–1–T SV–1–T	–	–	–	120W	INSTALL RELOCATED VIDEO DETECTION CAMERA ON LUMINAIRE ARM AND OPTICOM CHANNEL "C" AND "D" ON TRAFFIC SIGNAL HEAD. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
(N)	TYPE 2 POST (N)	–	–	–	–	–	8	←	–	INSTALL APS.

NOTES:

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(N) = NEW

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PRELIMINARY NOT FOR CONSTRUCTION

THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: K. GONZALEZ
DRAWN BY: K. GONZALEZ

CITY OF PLEASANTON

WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514

CONDUCTOR AND POLE SCHEDULE

HACIENDA DRIVE AND WEST LAS POSITAS BOULEVARD

SCALE:	DATE:	PIN:	SHEET:
AS NOTED	5/15/2025	22-20106	E-7 225 OF 230

CADD FILE: C:\Dpbox\Box\–Projects\ WC–Projects\ WC23\WC23–3992.01 W. Las Positas PS&E Design\CAD\95 Submittal\3992.01 TS6–TS9.dwg
May 15, 2025

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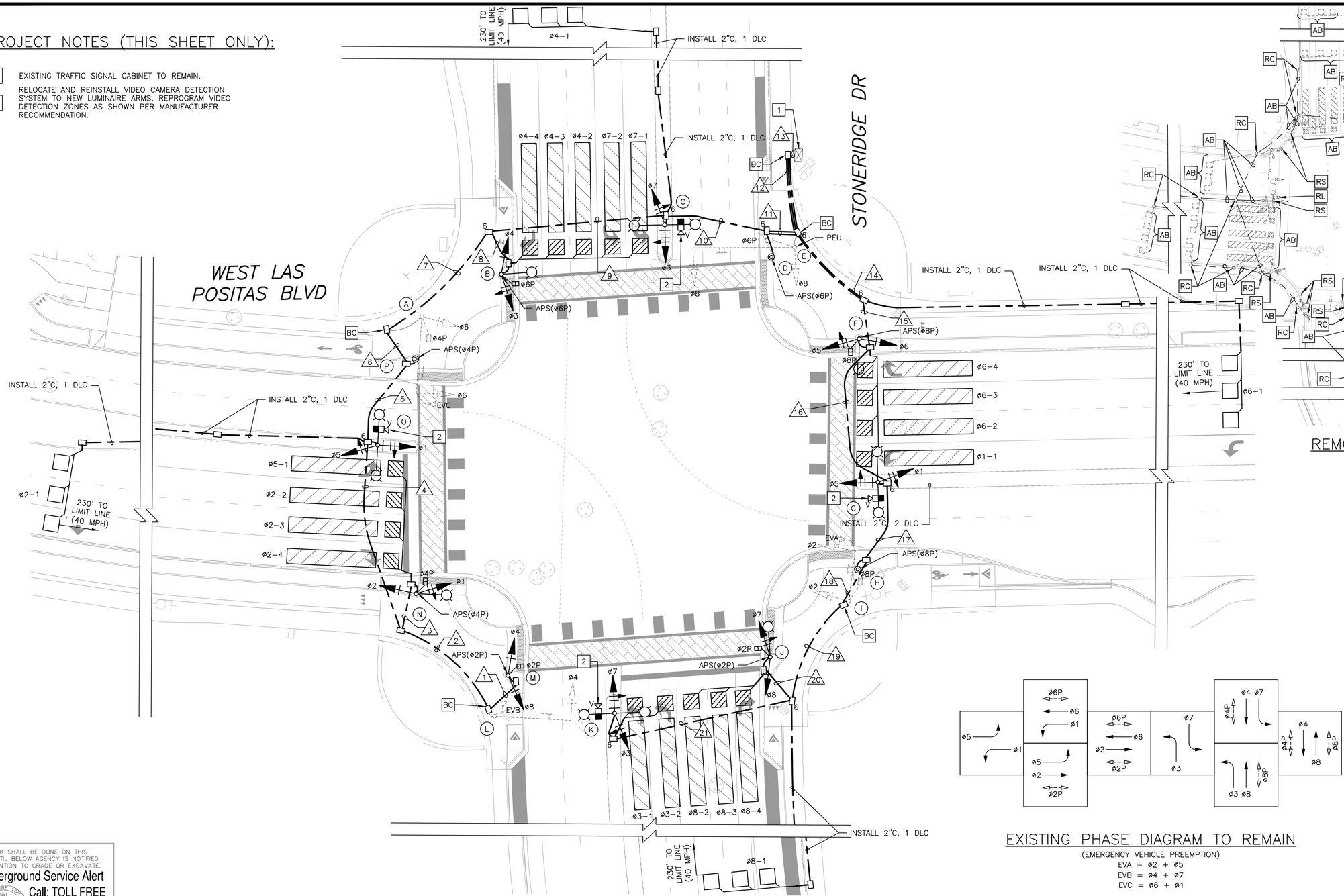
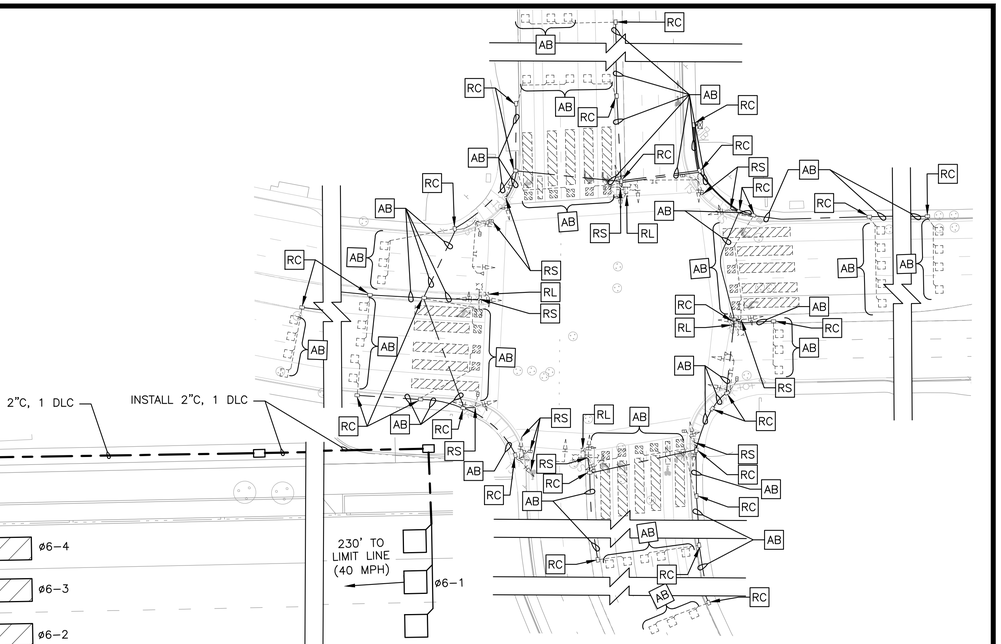
PROJECT NOTES (THIS SHEET ONLY):

1. EXISTING TRAFFIC SIGNAL CABINET TO REMAIN.
2. RELOCATE AND REINSTALL VIDEO CAMERA DETECTION SYSTEM TO NEW LUMINAIRE ARMS. REPROGRAM VIDEO DETECTION ZONES AS SHOWN PER MANUFACTURER RECOMMENDATION.



PROPOSED PLAN
1"=20'



REMOVAL PLAN
1"=50'

EXISTING PHASE DIAGRAM TO REMAIN
(EMERGENCY VEHICLE PREEMPTION)
EVA = ø2 + ø5
EVB = ø4 + ø7
EVC = ø6 + ø1

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THE CITY OF PLEASANTON

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DRAWN BY: K. GONZALEZ

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
TRAFFIC SIGNAL PLAN
STONERIDGE DRIVE AND WEST LAS POSITAS BOULEVARD

SCALE:	DATE:	PIN:	SHEET:
AS NOTED	5/15/2025	22-20106	E-8 226 OF 230

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CONDUCTOR SCHEDULE

AWG OR CABLE	CONDUCTOR DESIGNATION	NUMBER OF CONDUCTORS — RUN NUMBERS																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
NO. 14	ø1	–	–	3	3	3	3	3	–	3	3	3	6	6	3	3	3	–	–	–	–	–
	ø2	–	–	3	3	3	3	3	–	3	3	3	6	6	3	3	3	3	3	–	–	–
	ø3	–	–	–	–	–	–	–	3	3	3	3	6	6	3	3	3	3	3	3	–	3
	ø4	3	3	–	3	3	3	3	3	3	3	3	3	3	–	–	–	–	–	–	–	–
	ø5	–	–	–	–	3	3	3	–	3	3	3	6	6	3	3	3	–	–	–	–	–
	ø6	–	–	–	–	–	–	3	–	3	3	3	6	6	3	3	–	–	–	–	–	–
	ø7	–	–	–	–	–	–	–	–	–	3	3	6	6	3	3	–	–	–	–	–	–
	ø8	3	3	–	3	3	3	3	–	3	3	3	6	6	3	3	3	3	3	3	3	–
	ø2P	2	2	–	2	2	2	2	–	2	2	2	4	4	2	2	2	2	2	2	2	–
	ø4P	–	–	2	2	2	2	2	–	2	2	2	2	2	–	–	–	–	–	–	–	–
	ø6P	–	–	–	–	–	–	–	2	2	2	2	2	2	–	–	–	–	–	–	–	–
	ø8P	–	–	–	–	–	–	–	–	–	–	–	2	2	2	2	2	2	2	–	–	–
	APS (ø2P)	2	2	–	2	2	2	2	–	2	2	2	4	4	2	2	2	2	2	2	2	–
	APS (ø4P)	–	–	2	2	2	2	2	–	2	2	2	2	2	–	–	–	–	–	–	–	–
	APS (ø6P)	–	–	–	–	–	–	–	2	2	2	2	2	2	–	–	–	–	–	–	–	–
	APS (ø8P)	–	–	–	–	–	–	–	–	–	–	–	2	2	2	2	2	2	–	–	–	–
	APS COMMON	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	–
	PHOTOELECTRIC UNIT (120 V)	–	–	–	–	–	–	–	–	–	–	–	3	3	–	–	–	–	–	–	–	–
	SPARES	3	3	3	3	3	3	3	3	3	3	3	6	6	3	3	3	3	3	3	3	3
	TOTAL NO. 14	14	14	14	24	27	27	30	14	37	40	40	76	76	33	33	27	21	19	14	11	6
NO. 8	LUMINAIRES (240 V)	–	–	2	2	2	2	2	2	2	2	2	4	4	2	2	2	2	2	2	2	2
	SIGNAL COMMON	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
	TOTAL NO. 8	1	1	3	3	3	3	3	3	3	3	3	6	6	3	3	3	3	3	3	3	3
DLC	ø1	–	–	–	–	–	–	–	–	–	–	–	1	1	1	1	–	–	–	–	–	–
	ø2	–	–	3	3	4	4	4	–	4	4	4	4	4	–	–	–	–	–	–	–	–
	ø3	–	–	–	–	–	–	–	–	–	–	–	2	2	2	2	2	2	2	2	–	2
	ø4	–	–	–	–	–	–	–	3	3	4	4	4	4	–	–	–	–	–	–	–	–
	ø5	–	–	1	1	1	1	1	–	1	1	1	1	1	–	–	–	–	–	–	–	–
	ø6	–	–	–	–	–	–	–	–	–	–	–	4	4	4	3	–	–	–	–	–	–
	ø7	–	–	–	–	–	–	–	2	2	2	2	2	2	–	–	–	–	–	–	–	–
	ø8	–	–	–	–	–	–	–	–	–	–	–	4	4	4	4	4	4	4	4	3	–
	TOTAL DLC	–	–	4	4	5	5	5	5	10	11	11	22	22	11	10	6	6	6	6	3	2
VIDEO DETECTION COAX CABLE	ø1+ø6 (WB)	–	–	–	–	1	1	1	–	1	1	1	1	1	–	–	–	–	–	–	–	–
	ø2+ø5 (EB)	–	–	–	–	–	–	–	–	–	–	–	1	1	1	1	1	–	–	–	–	–
	ø3+ø8 (NB)	–	–	–	–	–	–	–	–	–	1	1	1	1	–	–	–	–	–	–	–	–
	ø4+ø7 (SB)	–	–	–	–	–	–	–	–	–	–	–	1	1	1	1	1	1	1	1	–	1
	TOTAL DETECTOR CABLES	#	#	#	#	1	1	1	#	1	2	2	4	4	2	2	2	1	1	1	#	1
EMERGENCY VEHICLE PREEMPTION CABLE (EVP)	EVA	–	–	–	–	–	–	–	–	–	–	–	1	1	1	1	1	1	1	–	–	–
	EVB	–	1	–	1	1	1	1	–	1	1	1	1	1	–	–	–	–	–	–	–	–
	EVC	–	–	–	–	–	–	1	–	1	1	1	1	1	–	–	–	–	–	–	–	–
	TOTAL EVP CABLES	#	1	#	1	1	1	2	#	2	2	2	3	3	1	1	1	1	1	#	#	#
	CONDUIT SIZE	2"	2"	2"	3"	3"	3"	3"	2"	4"	4"	4"	3–3"	(3–3 ½")	2–3"	3"	3"	3"	3"	2"	2"	3"
	PERCENT FILL	11%	13%	23%	14%	18%	18%	20%	25%	16%	18%	18%	20%	15%	14%	25%	21%	18%	18%	15%	21%	9%

NOTES:

ALL EXISTING CONDUIT AND CONDUCTORS NOTED IN PARENTHESES.

ALL OTHER CONDUIT AND CONDUCTORS ARE NEW.

POLE AND EQUIPMENT SCHEDULE

	STANDARD TYPE	STANDARD SIG MA	STANDARD LUM ARM	VEH SIG MTG MAST	VEH SIG MTG POLE	PED SIGNAL MTG	APS ø	APS ARROW	LED LUM WATTAGE	SPECIAL REQUIREMENTS
A	18–1–70	30'	–	MAS	SV–1–T	SP–1–T (N)	–	–	–	REMOVE AND SALVAGE PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSH BUTTON. COVER HOLES WITH RAIN TIGHT SEAL.
B	15TS (N)	–	12'	–	SV–2–T	SP–1–T	6	→	120W	INSTALL APS. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
C	15TS (N)	–	2–12'	–	SV–1–T SV–1–T	–	–	–	120W	INSTALL RELOCATED VIDEO DETECTION CAMERA ON LMA. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
D	TYPE 2 POST (N)	–	–	–	–	–	6	←	–	INSTALL APS.
E	27–3–70	40'	–	MAS	SV–1–T	SP–1–T	–	–	–	REMOVE AND SALVAGE PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSH. COVER HOLES WITH RAIN TIGHT SEAL.
F	15TS (N)	–	12'	–	SV–2–T	SP–1–T	8	→	120W	INSTALL APS. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
G	15TS (N)	–	2–12'	–	SV–1–T SV–1–T	–	–	–	120W	INSTALL RELOCATED VIDEO DETECTION CAMERA ON LMA. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
H	TYPE 2 POST (N)	–	–	–	–	–	8	←	–	INSTALL APS.
I	18–1–70	20'	–	MAS	SV–1–T	SP–1–T	–	–	–	–
J	15TS (N)	–	12'	–	SV–2–T	SP–1–T	2	→	120W	INSTALL APS. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
K	15TS (N)	–	2–12'	–	SV–1–T SV–1–T	–	–	–	120W	INSTALL RELOCATED VIDEO DETECTION CAMERA ON LMA. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
L	18–1–70	30'	–	MAS	–	–	–	–	–	REMOVE AND SALVAGE PEDESTRIAN SIGNAL HEAD, PEDESTRIAN PUSH BUTTON, AND TRAFFIC SIGNAL HEADS ON POLE. COVER HOLES WITH RAIN TIGHT SEAL.
M	1–B (N)	–	–	–	TV–2–T	SP–1–T	2	←	–	INSTALL APS.
N	15TS (N)	–	12'	–	SV–2–T	SP–1–T	4	→	120W	INSTALL APS. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
O	15TS (N)	–	2–12'	–	SV–1–T SV–1–T	–	–	–	120W	INSTALL RELOCATED VIDEO DETECTION CAMERA ON LMA. SAFETY LIGHTING TO BE GE EVOLVE ERL2 SERIES MODEL ERL2–0–16–D5–30–A–GRAY–L.
P	TYPE 2 POST (N)	–	–	–	–	–	4	←	–	INSTALL APS.

NOTES:

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THE CITY OF PLEASANTON

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: K. GONZALEZ
DRAWN BY: K. GONZALEZ

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
CONDUCTOR AND POLE SCHEDULE
STONERIDGE DRIVE AND WEST LAS POSITAS BOULEVARD

SCALE:	DATE:	PIN:		SHEET:
AS NOTED	5/15/2025	22-20106	E-9	227 OF 230

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PROJECT NOTES (SHEETS E-10 TO E-12):

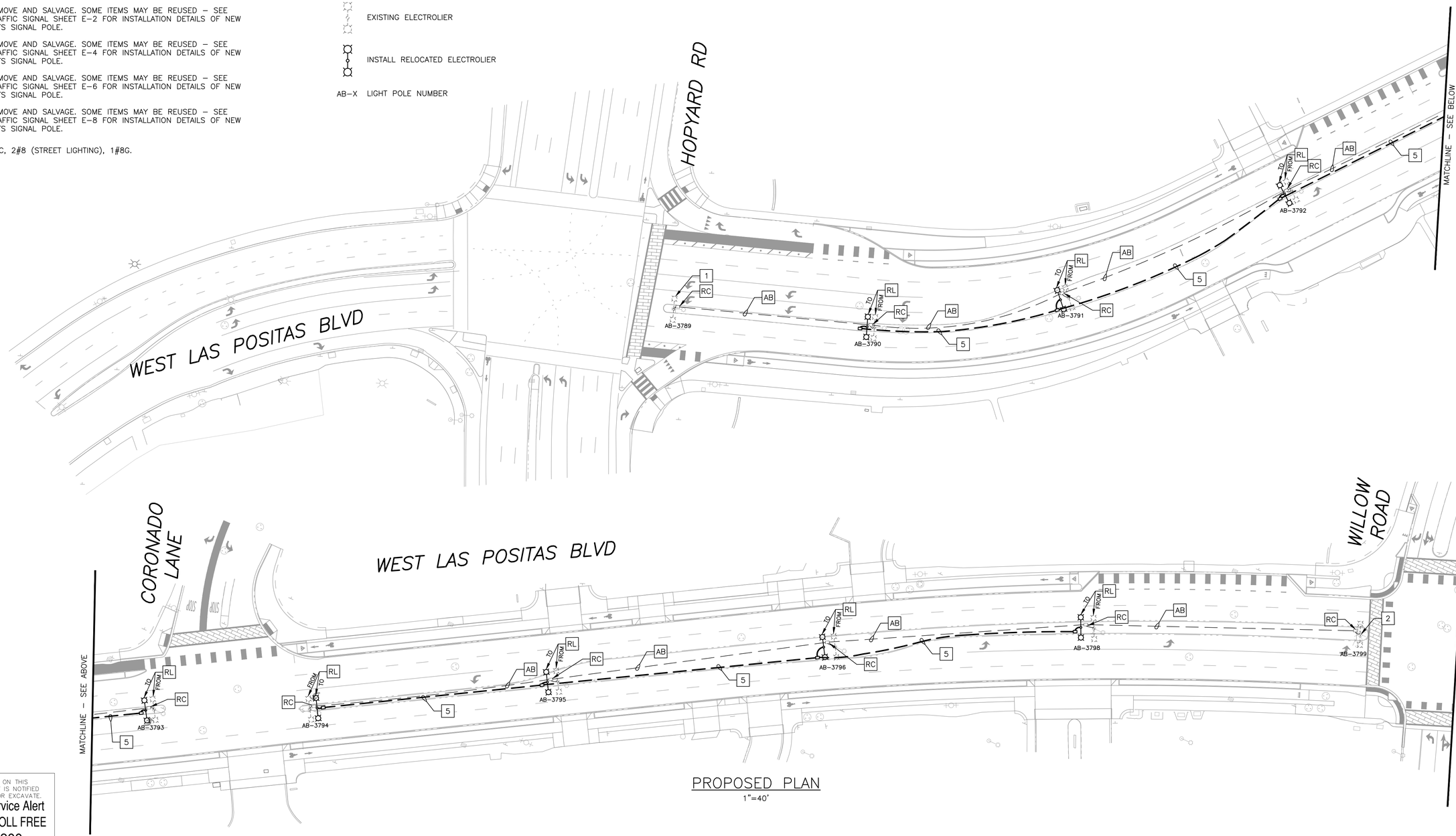
1. REMOVE AND SALVAGE. SOME ITEMS MAY BE REUSED – SEE TRAFFIC SIGNAL SHEET E-2 FOR INSTALLATION DETAILS OF NEW 15TS SIGNAL POLE.
2. REMOVE AND SALVAGE. SOME ITEMS MAY BE REUSED – SEE TRAFFIC SIGNAL SHEET E-4 FOR INSTALLATION DETAILS OF NEW 15TS SIGNAL POLE.
3. REMOVE AND SALVAGE. SOME ITEMS MAY BE REUSED – SEE TRAFFIC SIGNAL SHEET E-6 FOR INSTALLATION DETAILS OF NEW 15TS SIGNAL POLE.
4. REMOVE AND SALVAGE. SOME ITEMS MAY BE REUSED – SEE TRAFFIC SIGNAL SHEET E-8 FOR INSTALLATION DETAILS OF NEW 15TS SIGNAL POLE.
5. 2"C, 2#8 (STREET LIGHTING), 1#8G.

LEGEND (SHEETS E-10 TO E-12):

EXISTING ELECTROLIER

INSTALL RELOCATED ELECTROLIER

AB-X LIGHT POLE NUMBER



PROPOSED PLAN
1"=40'

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CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
LIGHTING PLAN

SCALE:	DATE:	PIN:	SHEET:
AS NOTED	5/15/2025	22-20106	E-10 228 OF 230

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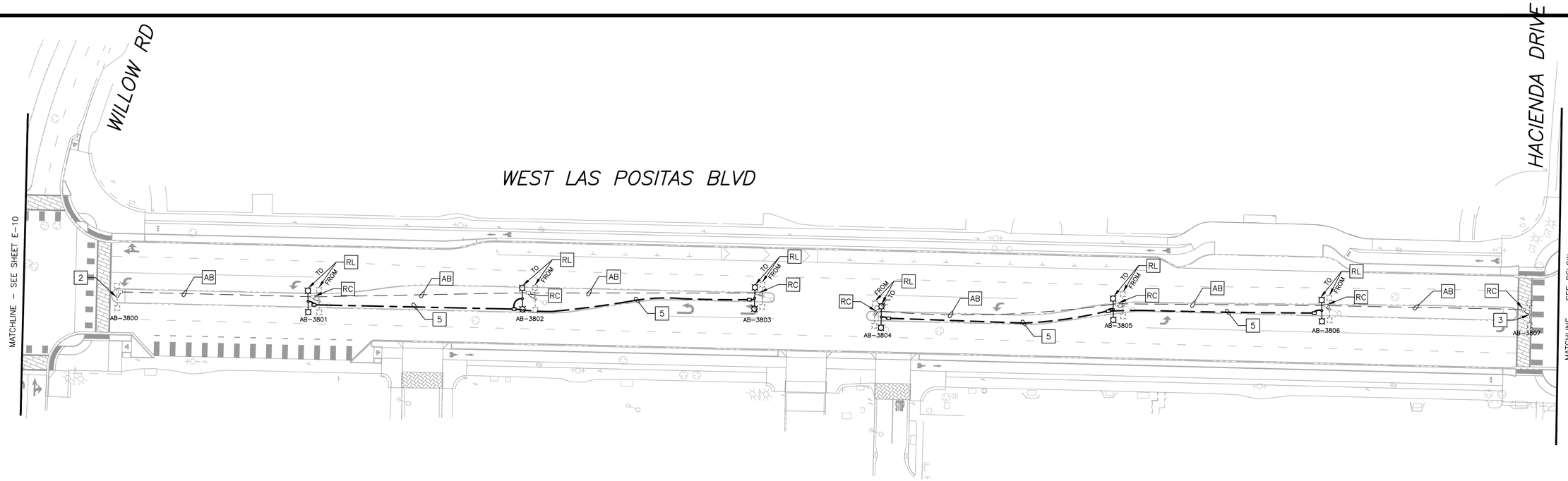

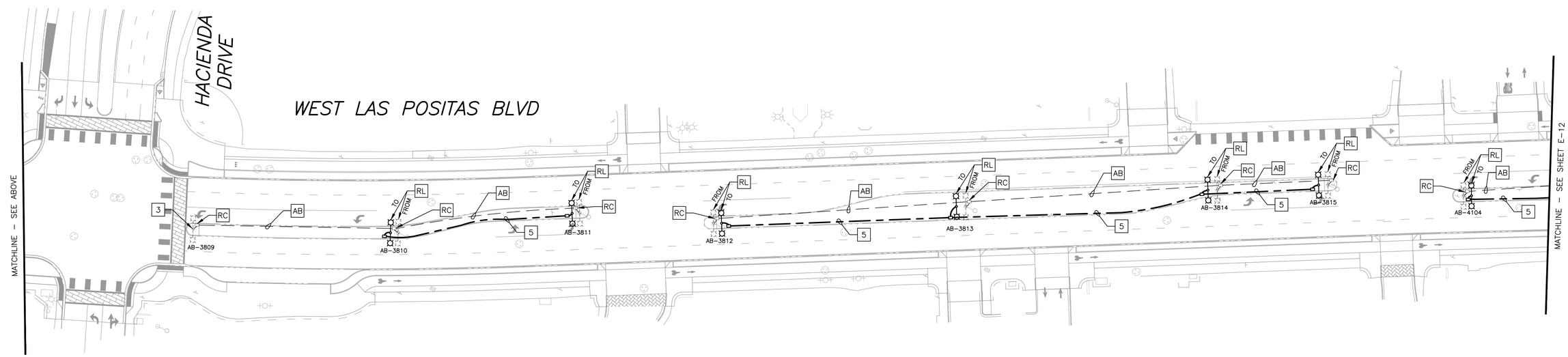

PROPOSED PLAN
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DRAWN BY: K. GONZALEZ

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
LIGHTING PLAN

SCALE:	DATE:	PIN:	SHEET:
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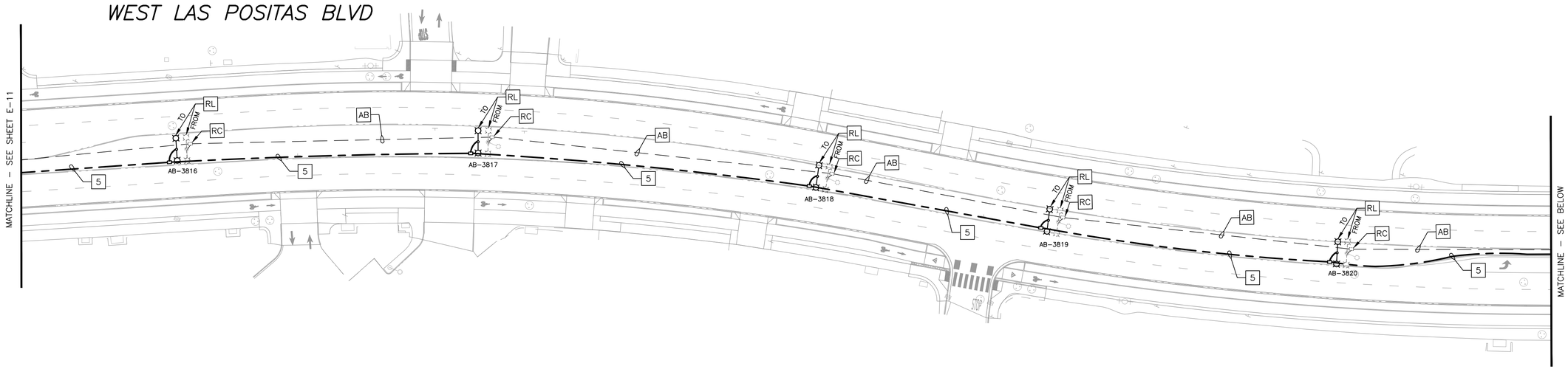

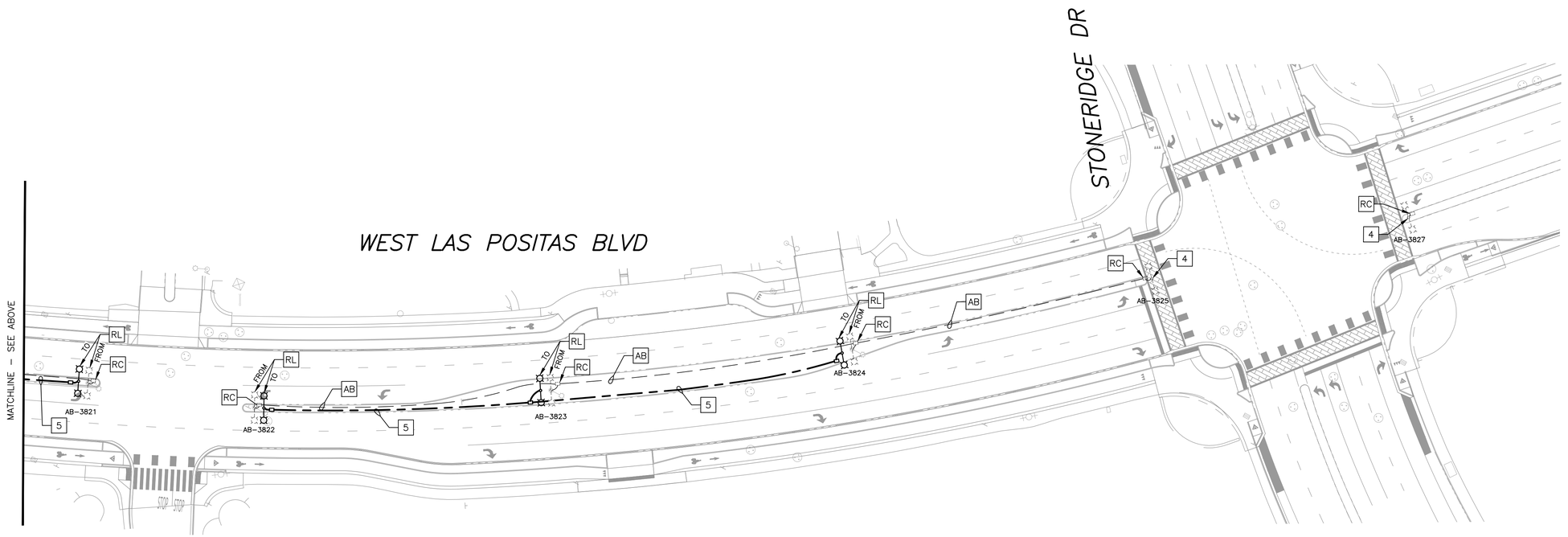

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ROBERT A. KRISTICH
43020
EXP. 9/30/26
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THE CITY OF PLEASANTON

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DRAWN BY: K. GONZALEZ

CITY OF PLEASANTON
WEST LAS POSITAS BOULEVARD MULTIMODAL RECONSTRUCTION PROJECT PROJECT CIP#11514
LIGHTING PLAN

SCALE:	DATE:	PIN:	SHEET:
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