



# City of Dinuba

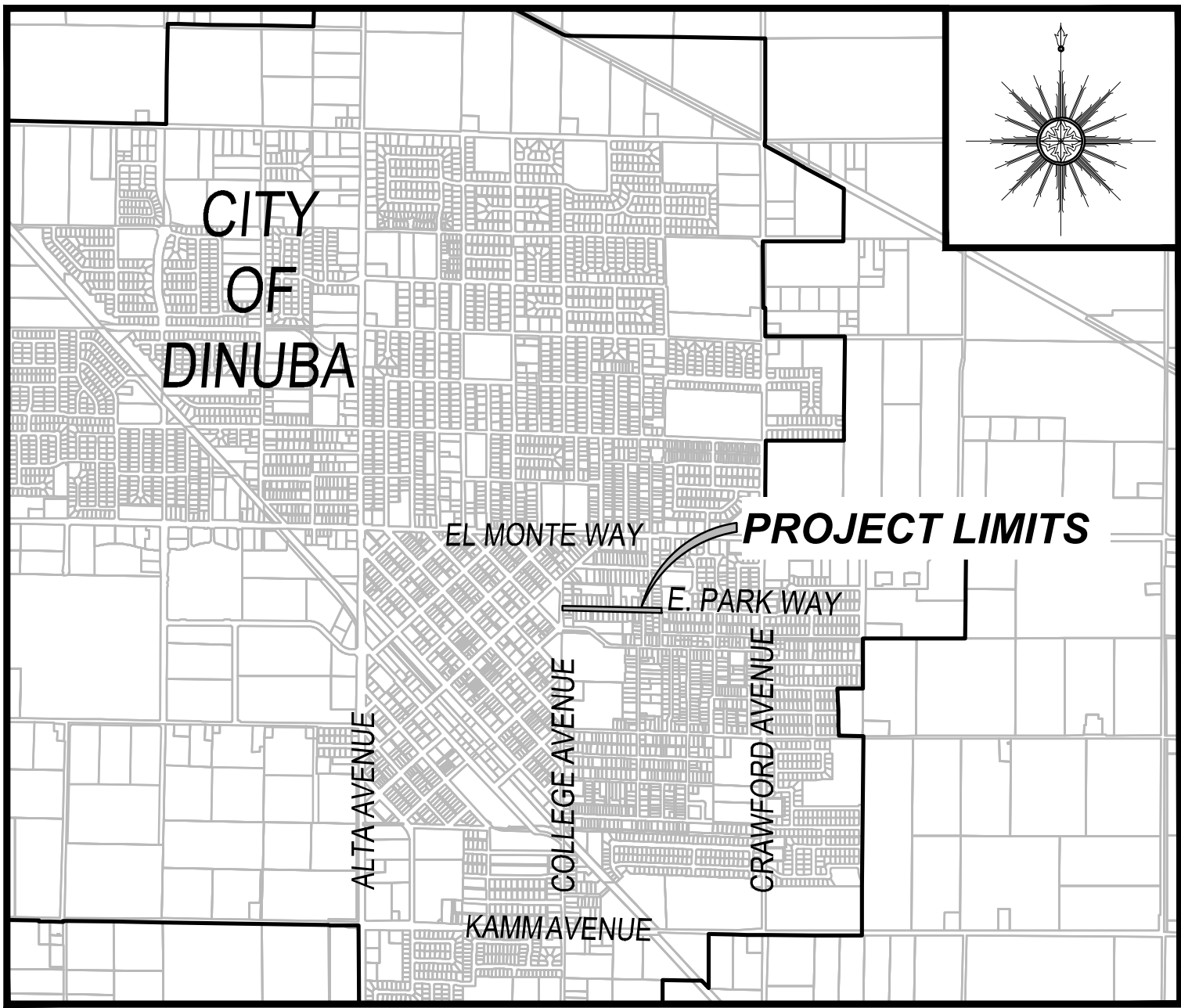
County of Tulare

State of California

## E. PARK WAY WATER MAIN IMPROVEMENTS PROJECT

### CONTACT INFORMATION

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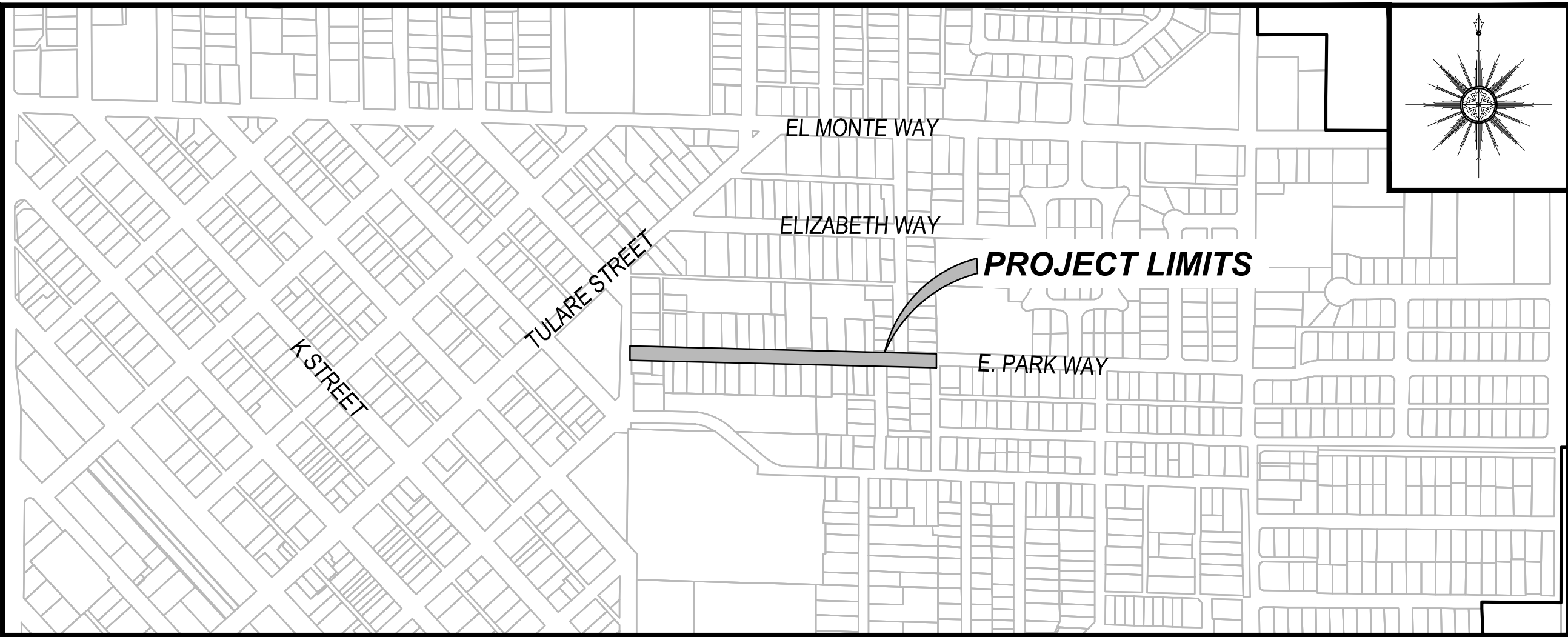


VICINITY MAP

SCALE 1"= 2000'

### BENCHMARK

BM Q-20  
CHIS SQUARE ON TOP OF CURB ±3' EAST OF THE WEST FACE OF THE DINUBA HIGH SCHOOL  
ADMIN BUILDING  
ELEVATION 331.94



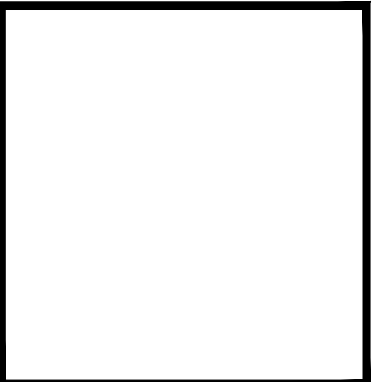
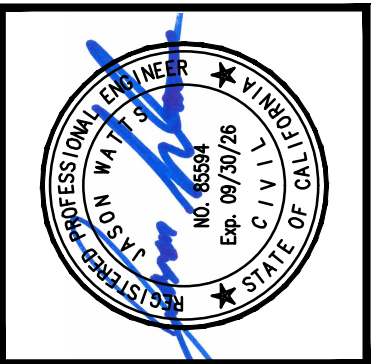
PROJECT MAP

SCALE 1"= 500'

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APPROVED BY:	06/05/2025
GEORGE AVILA PUBLIC WORKS DIRECTOR	DATE
APPROVED BY:	06/05/2025
JASON WATTS, P.E. CITY ENGINEER	DATE RCE 85594

REVISIONS	DATE	BY	DESCRIPTION



APPROVED BY:	JASON WATTS, P.E. PROJECT ENGINEER	RCE 85594
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4CREEKS

PREPARED BY: 4CREEKS

DRW BY: GN CHK BY: JW

IMPROVEMENT PLANS FOR:  
**CITY OF DINUBA**  
1088 EAST KAMM AVENUE  
DINUBA, CA 93616  
(559) 591-5524

**E. PARK WAY WATER MAIN IMPROVEMENTS PROJECT**  
COVER SHEET

PLOT DATE:	6/5/2025
JOB NO.:	22442
FILE NAME:	22442-01-CV
G1	
SHEET NO.:	01 OF 11





GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT CITY OF DINUBA STANDARD DRAWINGS AND SPECIFICATIONS, AND ANY APPLICABLE SECTIONS OF THE MOST CURRENT CALTRANS STANDARD SPECIFICATIONS AND STATE STANDARD PLANS.
- BEFORE COMMENCING WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK OF THE CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES AND THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES IN THE WORK AREA. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) TWO (2) WORKING DAYS PRIOR TO BEGINNING ANY EXCAVATION.
- RELATIVE COMPACTION TESTS MUST BE WITHIN TWO PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT TO BE CONSIDERED AS PASSING.
- THE OWNER WILL PAY FOR THE INITIAL COST OF TESTING REQUIRED FOR ACCEPTANCE OF WORK. ANY RETESTING SHALL BE FULLY BORNE BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- ANY EXISTING SECTION CORNER OR PROPERTY CORNER MONUMENTS DAMAGED BY THIS PROJECT SHALL BE RESET TO THE SATISFACTION OF THE CITY ENGINEER.
- ANY DIRT OR DEBRIS TRACKED ONTO ANY CITY STREET FROM THIS PROJECT SHALL BE CLEANED OFF AT THE END OF EACH WORKING DAY TO THE SATISFACTION OF THE CITY. IN THE EVENT OF CONTRACTOR'S NON-PERFORMANCE AND THE CITY IS REQUIRED TO PROVIDE CLEAN-UP OF DIRT OR DEBRIS, THE CONTRACTOR SHALL BE BILLED AT LEAST THREE (3) TIMES THE ACTUAL COST.
- DURING THE SITE CONSTRUCTION, ANY PUBLIC STREETS FRONTING THE PROJECT SHALL BE KEPT CLEAR OF ANY CONSTRUCTION DEBRIS AND SHALL NOT BE USED AS A STORAGE AREA FOR EQUIPMENT, MATERIALS OR OTHER ITEMS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL EXISTING STRUCTURES, TREES, SHRUBS, LANDSCAPING, IRRIGATION SYSTEMS, ETC., THAT ARE ON EXISTING OR PROPOSED RIGHT-OF-WAY LINES, ENCRORACHING ON EXISTING OR PROPOSED STREET EASEMENTS OR ENCRORACHING ON EXISTING OR PROPOSED UTILITY EASEMENTS. NO TREE SIX INCHES IN DIAMETER OR LARGER SHALL BE REMOVED WITHOUT THE WRITTEN APPROVAL OF THE CITY ENGINEER OR AS SHOWN ON THE APPROVED IMPROVEMENT PLANS.
- TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE "STATE OF CALIFORNIA MANUAL OF TRAFFIC CONTROLS." ALL TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE LATEST VERSION OF THE STATE OF CALIFORNIA "MANUAL OF TRAFFIC CONTROL" FOR CONSTRUCTION AND MAINTENANCE WORK ZONES. TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION.
- WATER JETTING IS NOT ALLOWED. COMPACTION REQUIREMENTS FOR BACKFILL IN TRENCHES IN EXISTING PAVED AREAS SHALL BE 90% RELATIVE COMPACTION IN THE TOP TWO 2 FEET (MEASURED FROM THE SUBGRADE) AND 90% RELATIVE COMPACTION FROM 2 FEET OR GREATER BELOW SUBGRADE AND SHALL BE PLACED IN LIFTS OF NO MORE THAN 12" DEEP.
- ANY WORK WITHIN EXISTING STREET RIGHT-OF-WAY WILL REQUIRE AN ENCRORACHMENT PERMIT FROM THE CITY OF DINUBA ENGINEERING DIVISION AT 1088 E KAMM AVE, DINUBA, CA, TULARE COUNTY, AND CALTRANS, WHERE APPLICABLE.
- SIDEWALKS SHALL NOT BE POURED UNTIL ALL WATER METER BOXES AND SERVICES HAVE BEEN INSPECTED AND APPROVED BY THE CITY. NOTIFY THE CITY OF DINUBA PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS PRIOR TO POURING SIDEWALKS AND/OR INSTALLING ANY NECESSARY STREET SIGNS, STRIPING, OR MARKINGS.
- ALL CURB AND GUTTER SHALL BE WATER TESTED UNDER THE DIRECTION AND IN THE PRESENCE OF THE PROJECT INSPECTOR.
- ALL CITY OWNED UTILITY MANHOLES AFFECTED BY THIS PROJECT SHALL BE ADJUSTED TO FINISHED GRADE AS NECESSARY AND INCLUDED IN THIS WORK.
- NO WATER MAIN VALVES SHALL BE CLOSED BY THE CONTRACTOR EXCEPT IN THE CASE OF A BROKEN MAIN OR AN EMERGENCY. THE CONTRACTOR SHALL NOTIFY THE CITY IMMEDIATELY AT (559) 591-5924 IF A LINE IS BROKEN.
- ALL UTILITY POLES, ETC., IN THE STREET RIGHT-OF-WAY ARE TO BE REMOVED OR RELOCATED PRIOR TO ANY PAVING.
- PERMANENT TRENCH RESURFACING TO BE PER CITY STANDARD W-17.
- TEMPORARY TRENCH RESURFACING TO BE A MINIMUM 4" THICK COLD MIX.
- ALL WATER MAIN VALVE BOXES, NEW AND EXISTING, (CAP AND LID) SHALL BE ADJUSTED TO GRADE.
- TRENCH CUTS IN EXISTING STREETS THAT ARE NOT TO BE RECONSTRUCTED OR OVERLAID SHALL HAVE PERMANENT TRENCH RESURFACING INSTALLED WITHIN SEVEN (7) DAYS AFTER INITIAL STREET CUT.
- ON MAJOR STREETS, A TWELVE (12') FOOT WIDE LANE IN EACH DIRECTION OF TRAVEL SHALL BE MAINTAINED AT ALL TIMES. ON RESIDENTIAL STREETS, A TEN (10') FOOT WIDE LANE IN EACH DIRECTION OF TRAVEL SHALL BE MAINTAINED AT ALL TIMES. PRIOR TO COMPLETION OF WORK EACH DAY, THE CONTRACTOR SHALL BACKFILL AND PROVIDE TEMPORARY TRENCH RESURFACING BEFORE LEAVING SITE. AN APPROVED TRAFFIC CONTROL PLAN IS REQUIRED PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL REPLACE, IN KIND, ALL STRIPING REMOVED AND/OR DAMAGED DURING CONSTRUCTION OF THIS PROJECT.
- HOT MIX ASPHALT (HMA) SHALL BE TYPE 'A', 1/2" MAX. AGGREGATE FOR RESIDENTIAL STREETS AND 3/4" AGGREGATE FOR MAJOR COLLECTORS AND ARTERIALS UNLESS OTHERWISE SPECIFIED, PER THE LATEST EDITION OF THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS.
- AGGREGATE BASE SHALL BE "CLASS II", 3/4" MAX., PER THE LATEST EDITION OF THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS. RECYCLED BASE MAY BE USED UPON CALTRANS CERTIFICATION AND APPROVAL OF THE CITY ENGINEER.
- THE CONTRACTOR SHALL OBTAIN WRITTEN AUTHORIZATION FROM ANY ADJACENT PROPERTY OWNER GIVING HIM PERMISSION TO ENTER HIS PROPERTY FOR PURPOSES OF CONSTRUCTING THE IMPROVEMENTS DELINEATED ON THESE PLANS AND TRANSITIONS THERETO. THE CONTRACTOR SHALL PROVIDE THE CITY WITH A COPY PRIOR TO START OF WORK.
- DUST CONTROL SHALL BE PROVIDED AS REQUIRED BY THE CITY ENGINEER, CITY ORDINANCE, AND SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT.
- THE CITY ENGINEER OR HIS REPRESENTATIVE WILL HAVE THE PRIMARY INSPECTION RESPONSIBILITY AND WILL CONDUCT DAY TO DAY INSPECTIONS. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS SUPERINTENDENT AT (559) 591-5924, 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL RESTORE, IN-KIND, ALL IMPROVEMENTS DISTURBED AND/OR DAMAGED BY CONSTRUCTION.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS, EQUIPMENT, AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.
- WHERE UNDERGROUND AND SURFACE STRUCTURES ARE SHOWN ON THE PLANS, THE LOCATIONS, DEPTHS, AND DIMENSIONS OF STRUCTURES ARE BELIEVED TO BE REASONABLY CORRECT, BUT ARE NOT GUARANTEED. SUCH STRUCTURES ARE SHOWN FOR THE INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES WILL, IN ALL CASES, BE FOUND WHERE SHOWN, OR THAT THEY REPRESENT ALL OF THE STRUCTURES WHICH MAY BE ENCOUNTERED.

GRADING NOTES

- NO GRADING SHALL BE ONTO ADJACENT PROPERTY.
- PROVIDE COMPACTION REPORTS PREPARED BY AN APPROVED TESTING AGENCY.
- THE CITY OF DINUBA SHALL BE PROVIDED WITH AS-GRADED PLANS UPON COMPLETION OF GRADING. NO BUILDING PERMITS WILL BE ISSUED UNTIL THIS DEVELOPMENT IS CERTIFIED "AS-GRADED" BY THE ENGINEER OF RECORD.
- THE OVERALL BUILDING SITE SHALL HAVE A MINIMUM SLOPE OF 0.5% IN ALL AREAS, TO AN APPROVED DRAINAGE FACILITY OR A PUBLIC STREET.
- THE CONTRACTOR SHALL OBTAIN A GRADING PERMIT AND ABIDE BY ALL CONDITIONS THEREOF AND PAY BOTH PLAN CHECK AND PERMIT FEES.
- THE GRADING CONTRACTOR SHALL REMOVE ALL ORGANIC MATTER, DEBRIS, AND OTHER DELETERIOUS MATERIAL FROM THE SITE.
- FINISH GRADE SHALL BE 8 INCHES BELOW BUILDING FINISH FLOOR ELEVATION WITH A MINIMUM OF 2% SLOPE AWAY FROM THE BUILDING FOR AT LEAST 5 FEET OR AS LIMITED BY PROPERTY LINES.
- THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR DUST CONTROL FOR THE WORK, DUST CONTROL MEASURES SHALL BE FULLY AND ADEQUATELY CARRIED OUT ON WEEKDAYS, WEEKENDS AND HOLIDAYS, AND WHEN NECESSARY, BEFORE OR AFTER NORMAL WORKING HOURS. A DUST CONTROL PLAN APPROVED BY THE SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT (SJVAPCD) MAY BE REQUIRED AND IS THE CONTRACTOR'S RESPONSIBILITY.
- ANY VERTICAL CUT OR FILL DIFFERENTIAL EQUAL TO OR GREATER THAN TWELVE (12) INCHES BETWEEN ADJACENT PROPERTIES SHALL BE SUPPORTED BY AN APPROVED RETAINING WALL. DIFFERENTIALS LESS THAN 12 INCHES SHALL HAVE A MINIMUM SLOPE OF 2 HORIZONTAL TO 1 VERTICAL.
- ALL FILLS USED TO SUPPORT THE FOUNDATIONS OF ANY BUILDING OR STRUCTURE SHALL BE PLACED UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER, AND THE PLACEMENT OF THE FILL SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER OR HIS QUALIFIED REPRESENTATIVE. A SOIL INVESTIGATION REPORT OF SATISFACTORY PLACEMENT OF FILL, BOTH ACCEPTABLE TO THE BUILDING OFFICIAL, SHALL BE SUBMITTED.
- RECOMMENDATIONS, AS OUTLINED IN PRELIMINARY SOILS REPORT SHALL BECOME REQUIREMENTS FOR THIS DEVELOPMENT. MINIMUM SOIL COMPACTION FOR BUILDING PADS SHALL BE 90%.
- ALL RETAINING WALLS REQUIRE SEPARATE BUILDING PERMITS IN ADDITION TO THE GRADING PERMIT.
- NO PERMANENT ON-SITE WATER RETENTION IS ALLOWED.
- SUBMIT COPIES OF STORM WATER POLLUTION PREVENTION PLAN WITH NOTICE OF INTENT AND SJVAPCD DUST CONTROL PLAN OR CONSTRUCTION NOTIFICATION FORM PRIOR TO ISSUANCE OF GRADING PERMIT.

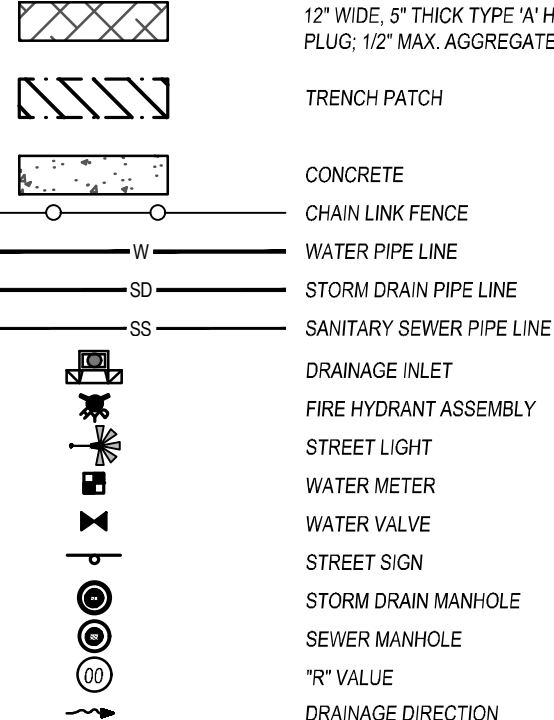
NOTE:  
CONTRACTOR IS ADVISED THAT EXISTING UTILITIES SHOWN ON THESE PLANS ARE LOCATED BASED UPON THE AVAILABLE INFORMATION RECEIVED FROM THE CITY. THE CITY OF DINUBA DOES NOT HAVE UTILITY PLATS DEVELOPED FROM 'AS BUILT' DRAWINGS. CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION OF EXISTING UTILITIES.

SPECIAL NOTE:  
DURING THE GEOTECHNICAL ANALYSIS OF THE STREET IT WAS MADE APPARENT THAT THERE IS 10" OF EXISTING CONCRETE UNDERNEATH THE EXISTING ASPHALT. CONTRACTOR SHALL NOTIFY CITY ENGINEER IMMEDIATELY IF NO CONCRETE EXISTS. IF NO CONCRETE EXISTS, CONTRACTOR SHALL COMPACT 6" OF NATIVE SOIL AND PLACE A 5" THICK PLUG.

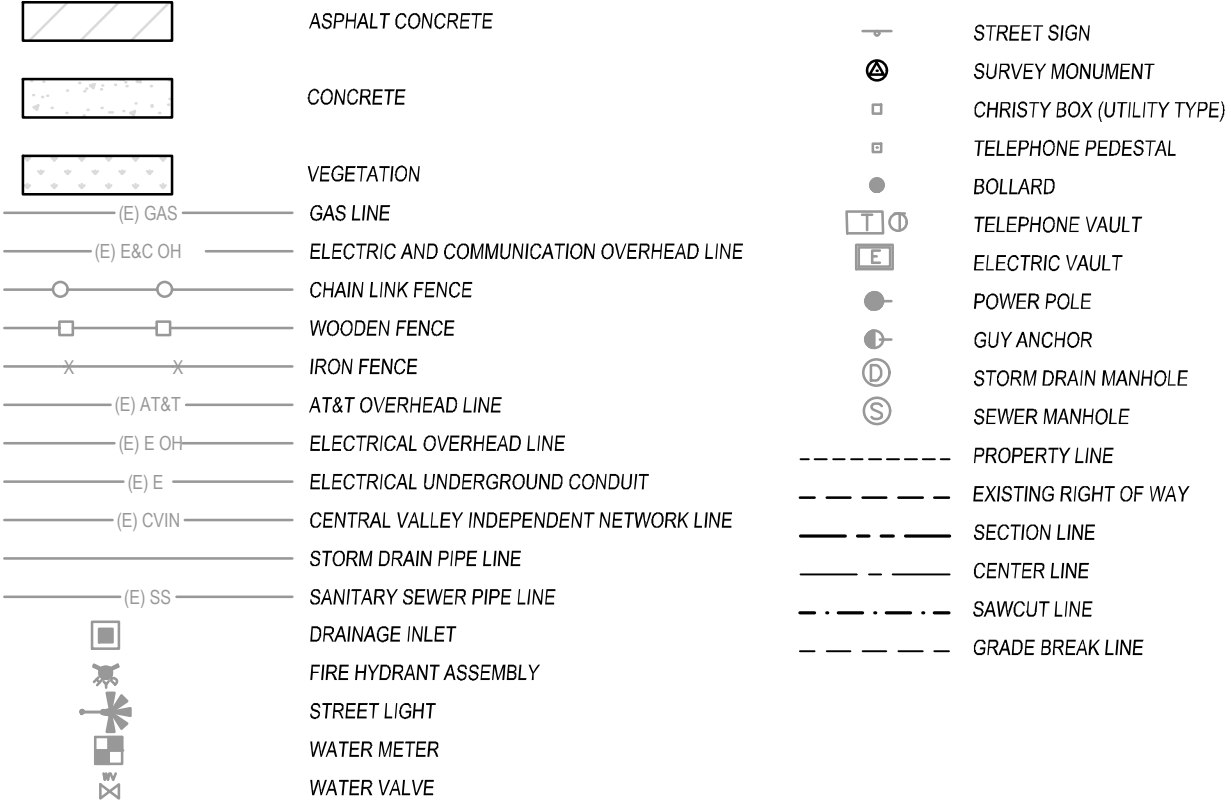
LEGEND:

BC	BEGIN CURVE	I.O.D	IRREVOCABLE OFFER OF DEDICATION
BCR	BEGIN CURB RETURN	LIP	LIP OF GUTTER
BSW	BACK OF SIDEWALK	MB	MAILBOX
C	CONCRETE	OG	ORIGINAL GROUND
CBOX	CHRISTY BOX (UTILITY TYPE)	P	PAVEMENT
CF	CURB FACE AT DRIVE APPROACH	PCC	POINT OF COMPOUND CURVATURE
C.N.S	COMPACTED NATIVE SOIL	POC	POINT OF CURVATURE
CR	CROWN OF ROAD	RD	EDGE OF ROAD
C&G	CURB & GUTTER	(R)	RADIAL BEARING
DI	DRAINAGE INLET	S=0.0000	SLOPE, IN FOOT PER FOOT
DUB	DUB DOWN CURB	SS	SANITARY SEWER
EP	EDGE OF PAVEMENT	SSCO	SANITARY SEWER CLEANOUT
EC	END CURVE	SSMH	SANITARY SEWER MANHOLE
ECR	END CURB RETURN	STA	STATION
(000.00)	EXISTING ELEVATION	TC	TOP OF CURB
FH	FIRE HYDRANT ASSEMBLY	000.00	PROPOSED ELEVATION
FL	FLOW LINE	SD	STORM DRAIN
GB	GRADE BREAK	SMH	STORM DRAIN MANHOLE
GV	GATE VALVE	W	WATER LINE
HP	HINGE POINT	WM	WATER METER
HMA	HOT MIX ASPHALT	WV	WATER VALVE
INV.	INVERT		

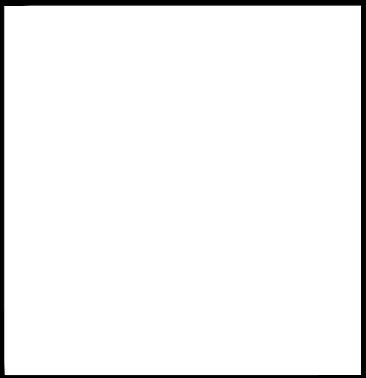
PROPOSED:



EXISTING:



REVISIONS	DATE	BY	DESCRIPTION



APPROVED BY:	RCE 85594
DATE	JASON WATTS, P.E. PROJECT ENGINEER

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DRW BY: GN	CHK BY: JW

**4CREEKS**

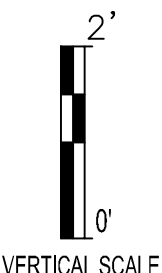
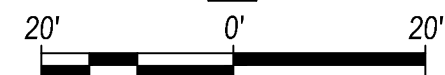
IMPROVEMENT PLANS FOR <b>CITY OF DINUBA</b> 1088 EAST KAMM AVENUE DINUBA, CA 93816 (559) 591-5924	<b>E. PARK WAY WATER MAIN IMPROVEMENTS PROJECT</b> GENERAL NOTES
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PLOT DATE:	6/5/2025
JOB NO.:	22442
FILE NAME:	22442-02-NOTES
<b>G2</b>	
SHEET NO.:	02 OF 11





Know what's below.  
Call before you dig.



#### WATER NOTES

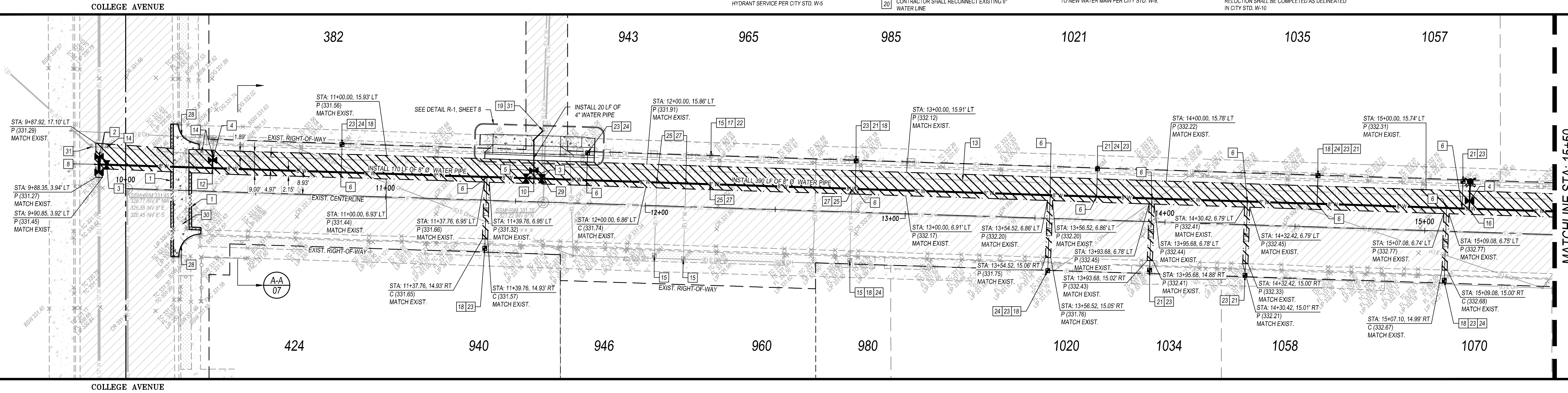
- AS FIRST ORDER OF WORK, CONTRACTOR SHALL POT HOLE AND VERIFY THE TYPE, LOCATION, AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES THAT WILL RESULT IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- CONTRACTOR SHALL USE A DRESSER COUPLING WHEN CONNECTING TO THE EXISTING WATER SERVICE IF THE WATER SERVICE IS CTS POLYETHYLENE. IF THE PIPE IS ANYTHING BUT CTS POLYETHYLENE, CONTRACTOR SHALL REPLACE THE ENTIRE WATER SERVICE TO THE METER BOX.
- EXISTING UTILITY LOCATIONS ARE FROM TOPOGRAPHIC SURVEY DATA AND RECORDED DATA. EXISTING GAS MAINS ARE ASSUMED TO HAVE 3' OF COVER AND WATER MAINS ARE ASSUMED TO HAVE 3.5' OF COVER FROM TOP OF PAVEMENT. ALL DEPTHS SHOWN ARE ESTIMATED. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- GAS MAINS ARE SHOWN BASED ON SOUTHERN CALIFORNIA GAS COMPANY PLAT MAPS. GAS MAIN LOCATIONS AND DEPTH WERE NOT FIELD VERIFIED BY THE DESIGN ENGINEER OR THE CITY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING UTILITY. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- RESIDENTS SHALL HAVE ACCESS TO WATER FROM 3:30 PM UNTIL 8:00 AM.

#### KEYNOTES (SHEETS L1-L3)

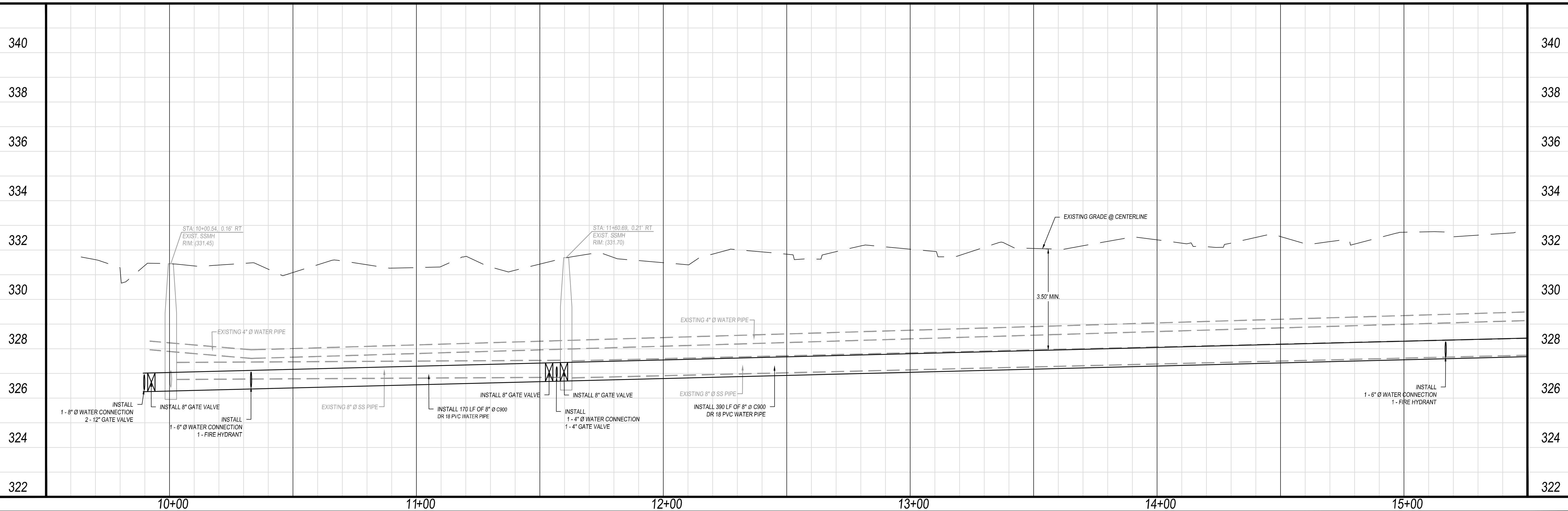
- SAWCUT CLEAN ON EDGE AND MATCH EXISTING
- CONTRACTOR SHALL INSTALL 12" WATER VALVE PER CITY STD. W-8
- CONTRACTOR SHALL INSTALL 8" WATER VALVE PER CITY STD. W-8
- CONTRACTOR SHALL INSTALL 6" WATER VALVE PER CITY STD. W-8
- CONTRACTOR SHALL INSTALL 4" WATER VALVE PER CITY STD. W-8
- INSTALL 1" WATER SERVICE PER CITY STD. W-9. CONTRACTOR SHALL NOT INCLUDE THE 1" TEE AND INLINE VALVE. IF THE EXISTING SERVICE IS CTS POLYETHYLENE, CONTRACTOR SHALL NOT REPLACE THE ENTIRE WATER SERVICE AND WILL NOT BE PAID FOR THE BID ITEMS ASSOCIATED WITH THE WORK. IF CTS POLYETHYLENE EXISTS, CONTRACTOR SHALL USE A DRESSER COUPLING TO CONNECT THE EXISTING SERVICE TO THE NEW WATER MAIN AND THE CITY WILL BE CREDITED BACK FOR THE WORK NOT PERFORMED.
- INSTALL 2" WATER SERVICE PER CITY STD. W-10. CONTRACTOR SHALL NOT INCLUDE THE 2" TEE AND INLINE VALVE. IF THE EXISTING SERVICE IS CTS POLYETHYLENE, CONTRACTOR SHALL NOT REPLACE THE ENTIRE WATER SERVICE AND WILL NOT BE PAID FOR THE BID ITEMS ASSOCIATED WITH THE WORK. IF CTS POLYETHYLENE EXISTS, CONTRACTOR SHALL USE A DRESSER COUPLING TO CONNECT THE EXISTING SERVICE TO THE NEW WATER MAIN AND THE CITY WILL BE CREDITED BACK FOR THE WORK NOT PERFORMED.
- CONTRACTOR SHALL INSTALL 12" x 12" x 8" TEE WITH A CONCRETE THRUST BLOCK PER CITY STD. W-3
- CONTRACTOR SHALL INSTALL 8" x 8" x 6" TEE WITH A CONCRETE THRUST BLOCK PER CITY STD. W-3
- CONTRACTOR SHALL INSTALL 8" x 8" x 4" TEE WITH A CONCRETE THRUST BLOCK PER CITY STD. W-3
- CONTRACTOR SHALL INSTALL 8" x 8" x 8" TEE WITH A CONCRETE THRUST BLOCK PER CITY STD. W-3
- CONTRACTOR SHALL REMOVE EXISTING FIRE HYDRANT SERVICE PER DETAIL D-1. SEE SHEET 10. CONTRACTOR SHALL THEN INSTALL NEW FIRE HYDRANT SERVICE PER CITY STD. W-5
- EXISTING WATER MAIN TO BE ABANDONED IN PLACE. CONTRACTOR RESPONSIBLE FOR ANY INTERM CUT & CAPS OR PLUGGING ENDS WITH CONCRETE BEFORE LINE IS ABANDONED.
- CONTRACTOR SHALL REMOVE EXISTING WATER WELL BOX, RISER, AND LID
- EXISTING WATER METER BOX AND LID SHALL REMAIN AND BE PROTECTED
- CONTRACTOR SHALL REMOVE EXISTING 4" WHARF HEAD AND REPLACE IT WITH A FIRE HYDRANT PER CITY STD. W-5
- THE EXISTING WATER METER BOX HAS TWO WATER SERVICES. CONTRACTOR SHALL REPLACE WITH ONE WATER SERVICE
- CONTRACTOR SHALL CONSTRUCT 1' x 1' x 4" CONCRETE PAD AROUND WATER METER BOX
- CONTRACTOR SHALL RECONNECT EXISTING 4" WATER LINE
- CONTRACTOR SHALL RECONNECT EXISTING 6" WATER LINE
- CONTRACTOR SHALL REMOVE 4" x 4" CONCRETE SO THE NEW WATER METER BOX AND LID FIT
- THE EXISTING WATER METER BOX IS COMPLETELY FULL OF WATER. CONTRACTOR SHALL PLAN ACCORDINGLY TO INSTALL THE IMPROVEMENTS SHOWN ON THESE PLANS AND NO ADDITIONAL PAYMENT WILL BE MADE THEREFOR
- CONTRACTOR SHALL REMOVE AND DISPOSE EXISTING WATER METER BOX AND LID AND INSTALL CITY FURNISHED WATER METER BOX AND LID PER CITY STD. W-9
- CONTRACTOR SHALL RELOCATE WATER SERVICE VERTICALLY SO THAT THE WATER SERVICE HAS A DEPTH OF 6'-8" FROM BOTTOM OF LID TO METER. RELOCATION SHALL BE COMPLETED AS DELINEATED IN CITY STD. W-9
- CONTRACTOR SHALL CONNECT EXISTING POLY SERVICE TO THE NEW WATER MAIN
- CONTRACTOR SHALL PROTECT EXISTING WATER VALVE BOX AND LID
- CONTRACTOR SHALL USE A SADDLE STRAP AND CORP. STOP TO CONNECT EXISTING WATER SERVICE TO NEW WATER MAIN PER CITY STD. W-9
- INSTALL #4 SMOOTH STEEL DOWELS AT 18" O.C. DRILL AND EPOXY DOWELS 6" MIN. 6" INTO EXISTING CONCRETE
- CONTRACTOR TO CROSS WATER AND SEWER LINES PER CITY STANDARDS SS-2 & SS-3
- CONTRACTOR SHALL INSTALL VALLEY GUTTER - CURB RETURN PER CITY STANDARD C-1.
- EXISTING WATER WELL BOX, RISER, LID, AND VALVE SHALL REMAIN AND BE PROTECTED
- EXISTING UTILITY POLE AND GUY WIRE TO REMAIN AND BE PROTECTED
- EXISTING FIRE HYDRANT SERVICE TO REMAIN AND BE PROTECTED
- CONTRACTOR SHALL REMOVE AND DISPOSE EXISTING WATER METER BOX AND LID AND INSTALL CITY FURNISHED WATER METER BOX AND LID PER CITY STD. W-10
- CONTRACTOR SHALL RELOCATE WATER SERVICE VERTICALLY SO THAT THE WATER SERVICE HAS A DEPTH OF 6'-8" FROM BOTTOM OF LID TO METER. RELOCATION SHALL BE COMPLETED AS DELINEATED IN CITY STD. W-10

#### LEGEND

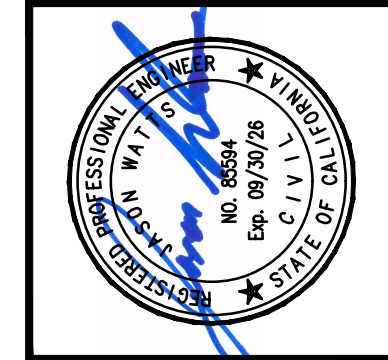
- SAWCUT TO A NEAT, CLEAN, ON-GRADE EDGE
- EXISTING ASPHALT CONCRETE
- EXISTING CONCRETE
- EXISTING VEGETATION
- PROPOSED CONCRETE
- CONSTRUCT 12" WIDE, 6" THICK TYPE 'A' HMA PLUS 1/2" MAX. AGGREGATE
- CONSTRUCT TRENCH PATCH PER CITY STD. W-17 CITY STD. W-17 SHALL BE MODIFIED TO CONTAIN A 5" THICK HMA TRENCH PATCH. 5" HMA TYPE 'A', 1/2" MAX. 6" CDS 88% MIN. REL. COMP. TOTAL AREA = ± 12.417 S.F.



### E. PARK WAY STA: 9+70 - 15+50



REVISIONS	DATE	BY	DESCRIPTION



APPROVED BY:	RCE 85594
DATE	JASON WATTS, P.E. PROJECT ENGINEER

PREPARED BY:	324 S. SANTE FE, STE. A P.O. BOX 7893 VISALIA, CA 93282 TEL 559.802.3052 FAX 559.802.3215
DRW BY: GN	CHK BY: WW

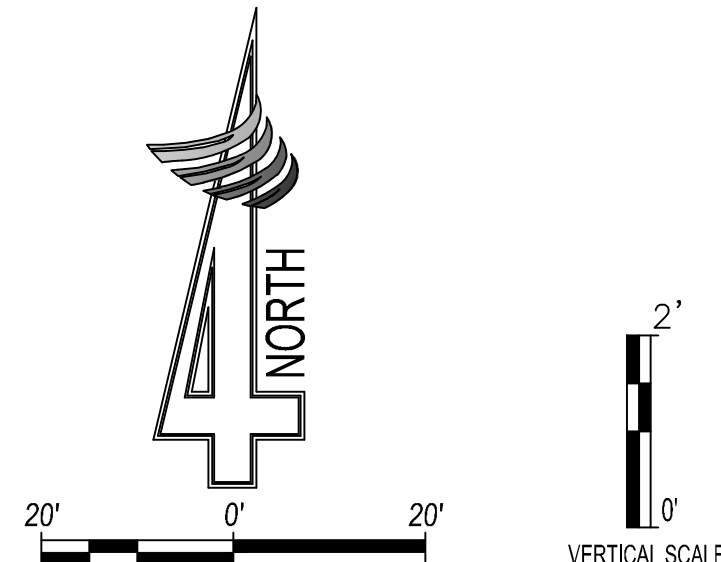
IMPROVEMENT PLANS FOR CITY OF DINUBA 1088 EAST KAMM AVENUE DINUBA, CA 93616 (559) 591-5924	E. PARK WAY WATER MAIN IMPROVEMENTS PROJECT UTILITY LAYOUT E. PARK WAY STA: 9+70 - 15+50
--	--

PLOT DATE:	6/5/2025
JOB NO.:	22442
FILE NAME:	22442-03-05-UTL PLAN
SHEET NO.:	03 OF 11





Know what's below.  
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#### WATER NOTES

- AS FIRST ORDER OF WORK, CONTRACTOR SHALL POT HOLE AND VERIFY THE TYPE, LOCATION, AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES THAT WILL RESULT IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- CONTRACTOR SHALL USE A DRESSER COUPLING WHEN CONNECTING TO THE EXISTING WATER SERVICE IF THE WATER SERVICE IS CTS POLYETHYLENE. IF THE PIPE IS ANYTHING BUT CTS POLYETHYLENE, CONTRACTOR SHALL REPLACE THE ENTIRE WATER SERVICE TO THE METER BOX.
- EXISTING UTILITY LOCATIONS ARE FROM TOPOGRAPHIC SURVEY DATA AND RECORDED DATA. EXISTING GAS MAINS ARE ASSUMED TO HAVE 3' OF COVER AND WATER MAINS ARE ASSUMED TO HAVE 3.5' OF COVER FROM TOP OF PAVEMENT. ALL DEPTHS SHOWN ARE ESTIMATED. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- GAS MAINS ARE SHOWN BASED ON SOUTHERN CALIFORNIA GAS COMPANY PLAT MAPS. GAS MAIN LOCATIONS AND DEPTH WERE NOT FIELD VERIFIED BY THE DESIGN ENGINEER OR THE CITY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING UTILITY. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- RESIDENTS SHALL HAVE ACCESS TO WATER FROM 3:30 PM UNTIL 8:00 AM.

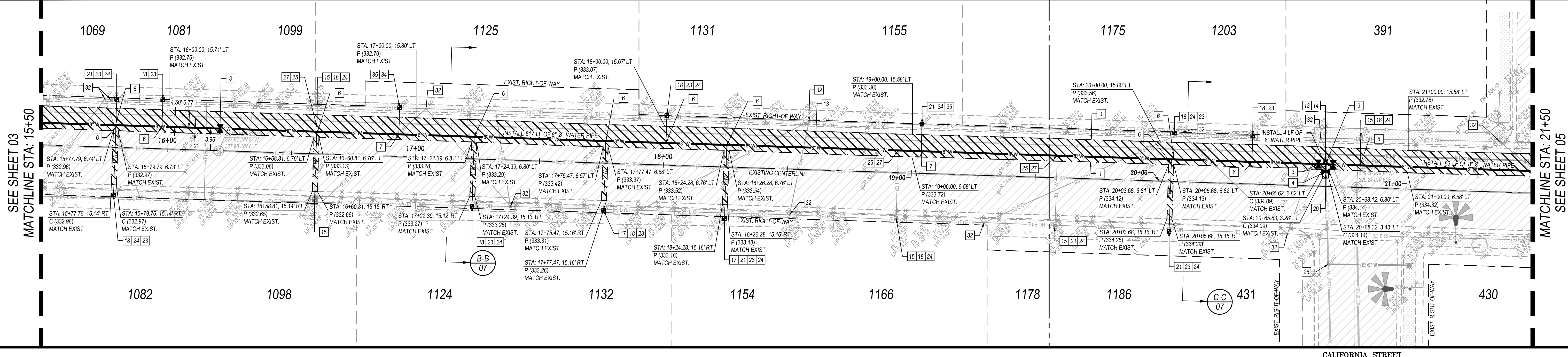
#### KEYNOTES (SHEETS L1-L3)

- SAWCUT CLEAN ON EDGE AND MATCH EXISTING
- CONTRACTOR SHALL INSTALL 12" WATER VALVE PER CITY STD. W-8
- CONTRACTOR SHALL INSTALL 8" WATER VALVE PER CITY STD. W-8
- CONTRACTOR SHALL INSTALL 6" WATER VALVE PER CITY STD. W-8
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- INSTALL 1" WATER SERVICE PER CITY STD. W-9. CONTRACTOR SHALL NOT INCLUDE THE 1" TEE AND INLINE VALVE. IF THE EXISTING SERVICE IS CTS POLYETHYLENE, CONTRACTOR SHALL NOT REPLACE THE ENTIRE WATER SERVICE AND WILL NOT BE PAID FOR THE BID ITEMS ASSOCIATED WITH THE WORK. IF CTS POLYETHYLENE EXISTS, CONTRACTOR SHALL USE A DRESSER COUPLING TO CONNECT THE EXISTING SERVICE TO THE NEW WATER MAIN AND THE CITY WILL BE CREDITED BACK FOR THE WORK NOT PERFORMED.
- INSTALL 2" WATER SERVICE PER CITY STD. W-10. CONTRACTOR SHALL NOT INCLUDE THE 2" TEE AND INLINE VALVE. IF THE EXISTING SERVICE IS CTS POLYETHYLENE, CONTRACTOR SHALL NOT REPLACE THE ENTIRE WATER SERVICE AND WILL NOT BE PAID FOR THE BID ITEMS ASSOCIATED WITH THE WORK. IF CTS POLYETHYLENE EXISTS, CONTRACTOR SHALL USE A DRESSER COUPLING TO CONNECT THE EXISTING SERVICE TO THE NEW WATER MAIN AND THE CITY WILL BE CREDITED BACK FOR THE WORK NOT PERFORMED.
- CONTRACTOR SHALL INSTALL 12" x 12" x 8" TEE WITH A CONCRETE THRUST BLOCK PER CITY STD. W-3
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- CONTRACTOR SHALL REMOVE EXISTING FIRE HYDRANT SERVICE PER DETAIL D-1. SEE SHEET 10. CONTRACTOR SHALL THEN INSTALL NEW FIRE HYDRANT SERVICE PER CITY STD. W-5
- EXISTING WATER MAIN TO BE ABANDONED IN PLACE. CONTRACTOR RESPONSIBLE FOR ANY INTERIM CUT & CAPS OR PLUGGING ENDS WITH CONCRETE BEFORE LINE IS ABANDONED.
- CONTRACTOR SHALL REMOVE EXISTING WATER WELL BOX, RISER, AND LID
- EXISTING WATER METER BOX AND LID SHALL REMAIN AND BE PROTECTED
- CONTRACTOR SHALL REMOVE EXISTING 4" WHARF HEAD AND REPLACE IT WITH A FIRE HYDRANT PER CITY STD. W-5
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- CONTRACTOR SHALL CONSTRUCT 1" x 1" x 4" CONCRETE PAD AROUND WATER METER BOX
- CONTRACTOR SHALL RECONNECT EXISTING 4" WATER LINE
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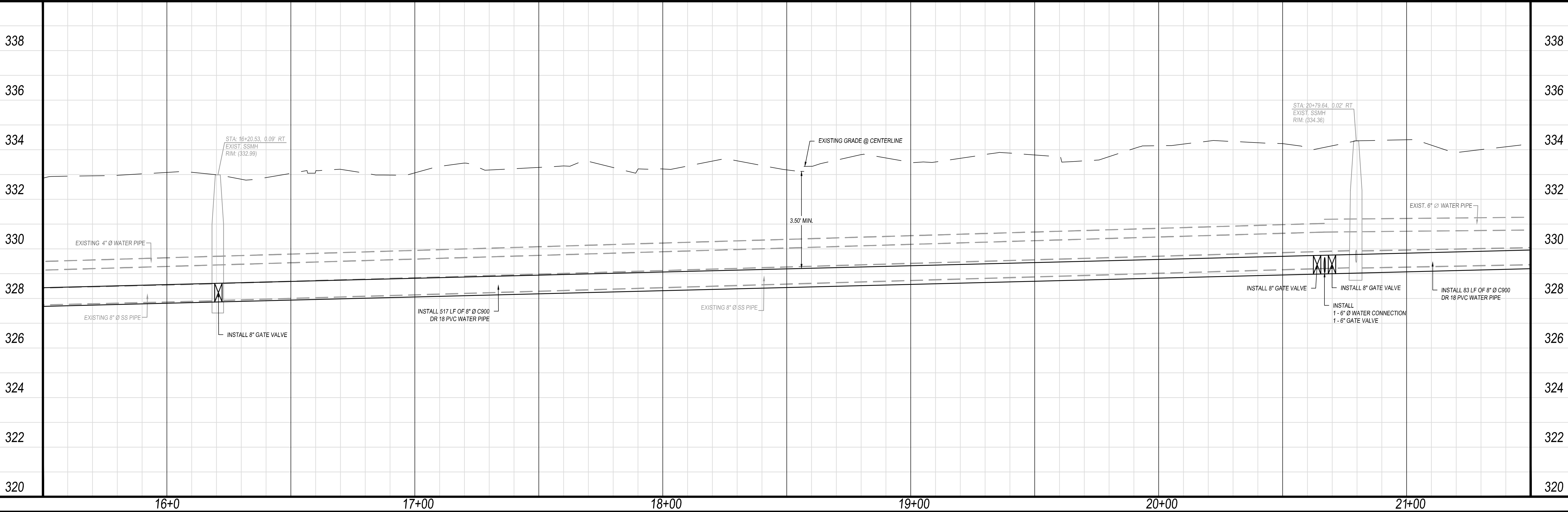
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- CONTRACTOR SHALL RELOCATE WATER SERVICE VERTICALLY SO THAT THE WATER SERVICE HAS A DEPTH OF 6"-8" FROM BOTTOM OF LID TO METER. RELOCATION SHALL BE COMPLETED AS DELINEATED IN CITY STD. W-9
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#### LEGEND

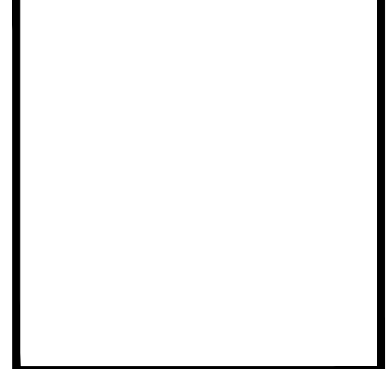
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### E. PARK WAY STA: 15+50 - 21+50



REVISIONS	DATE	BY	DESCRIPTION



APPROVED BY:	RCE 85594
DATE	
JASON WATTS, P.E.	PROJECT ENGINEER

PREPARED BY:	324 S. SANTE FE, STE. A P.O. BOX 7583 VISALIA, CA 93282 TEL 559.802.3052 FAX 559.802.3215
4CREEKS	
CHK BY: JW	

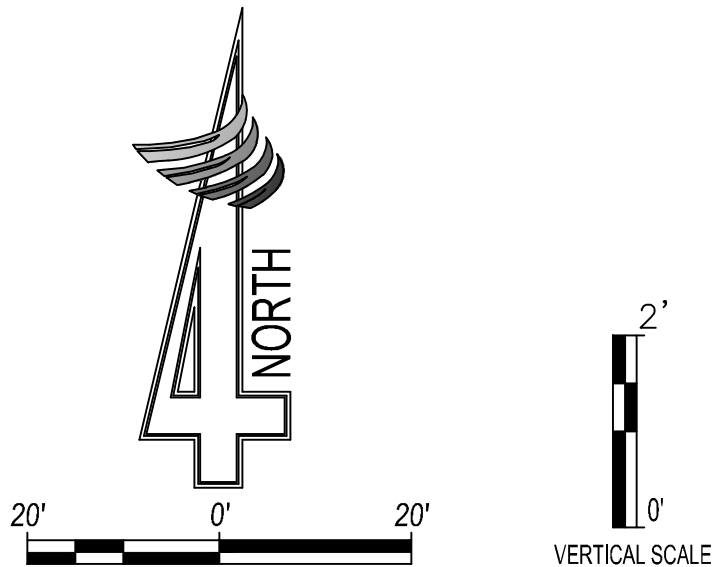
IMPROVEMENT PLANS FOR CITY OF DINUBA 1088 EAST KAMM AVENUE DINUBA, CA 93616 (559) 591-5924	E. PARK WAY WATER MAIN IMPROVEMENTS PROJECT UTILITY LAYOUT E. PARK WAY STA: 15+50 - 21+50
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PLOT DATE:	6/5/2025
JOB NO.:	22442
FILE NAME:	22442-03-05-UTL PLAN
SHEET NO.:	04 OF 11





Know what's below.  
Call before you dig.



WATER NOTES

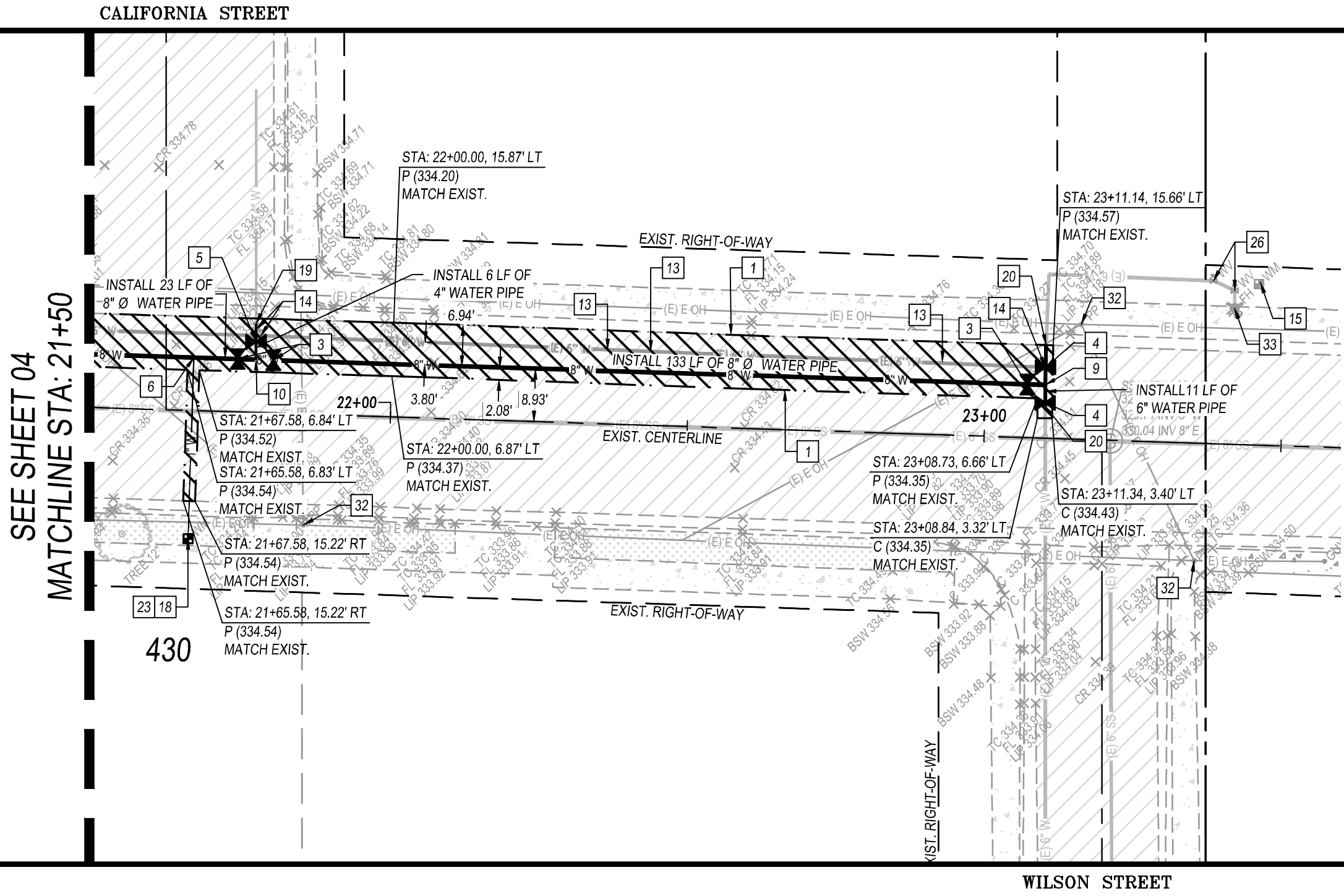
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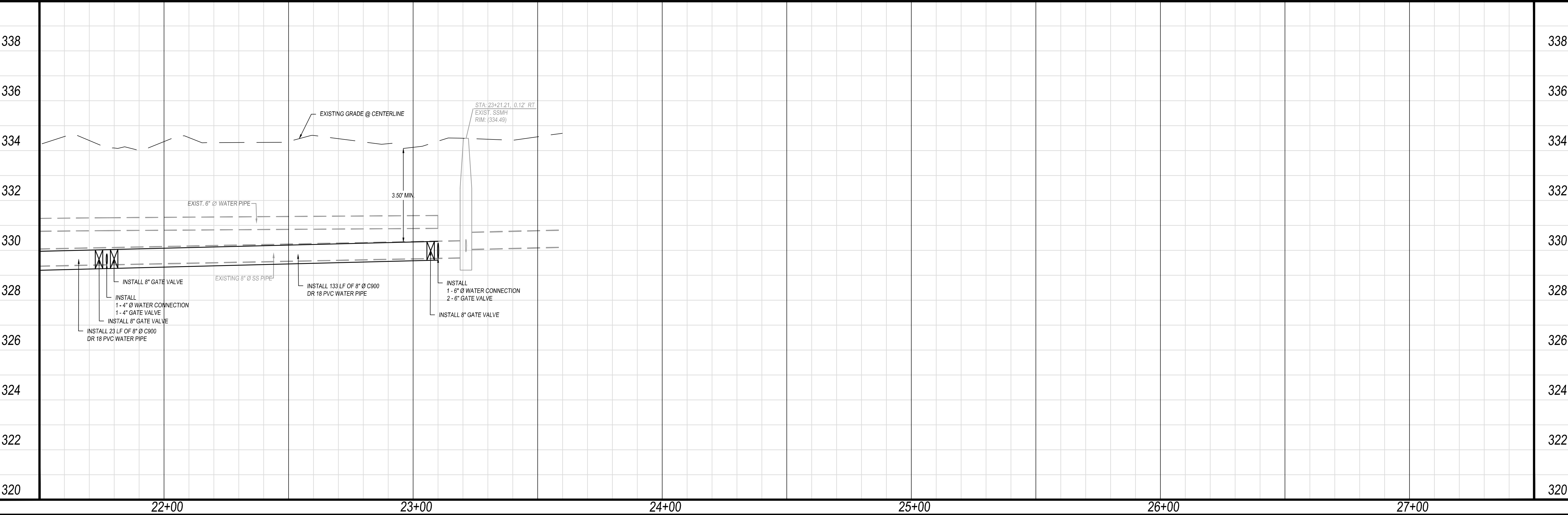
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LEGEND

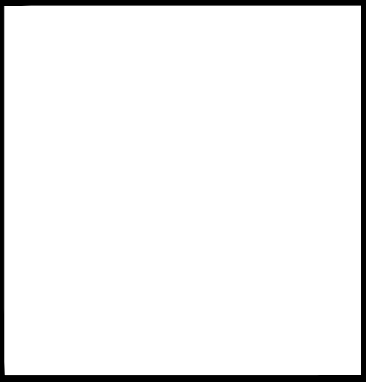
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E. PARK WAY STA: 21+50 - END



REVISIONS	DATE	BY	DESCRIPTION



APPROVED BY:	RCE 85594
DATE	JASON WATTS, P.E. PROJECT ENGINEER

PREPARED BY: 324 S. SANTE FE, STE. A  
P.O. BOX 7583  
VISALIA, CA 93282  
TEL 559.802.3052  
FAX 559.802.3215

**4CREEKS**

CHK BY: JW  
DRW BY: GN

IMPROVEMENT PLANS FOR  
**CITY OF DINUBA**  
1088 EAST KAMM AVENUE  
DINUBA, CA 93616  
(559) 591-5924

**DINUBA**

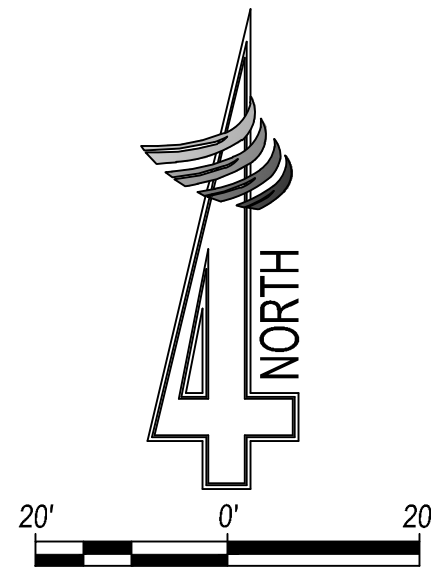
E. PARK WAY WATER MAIN IMPROVEMENTS PROJECT  
UTILITY LAYOUT  
E. PARK WAY STA: 21+50 - END

PLOT DATE:	6/5/2025
JOB NO.:	22442
FILE NAME:	22442-03-05-UTL PLAN
SHEET NO.:	L3
OF	11





Know what's below.  
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#### GENERAL NOTES

- ALL EROSION CONTROL MEASURES AND TECHNIQUES SHALL BE INSTALLED AND MAINTAINED PER THE CALIFORNIA STORMWATER BEST MANAGEMENT PRACTICES HANDBOOK, LATEST EDITION.
- DUST CONTROL SHALL BE PROVIDED FOR ALL AREAS AFFECTED BY CONSTRUCTION.
- CONTRACTOR SHALL SEQUENCE WORK TO REDUCE SOIL EROSION BY WIND, RAIN, AND RUNOFF.
- CONTRACTOR SHALL INSTALL FIBER ROLLS AS NEEDED TO PREVENT RUNOFF FROM AFFECTING ADJACENT PROPERTY(S) OR PUBLIC RIGHT OF WAY.

#### BMP LEGEND

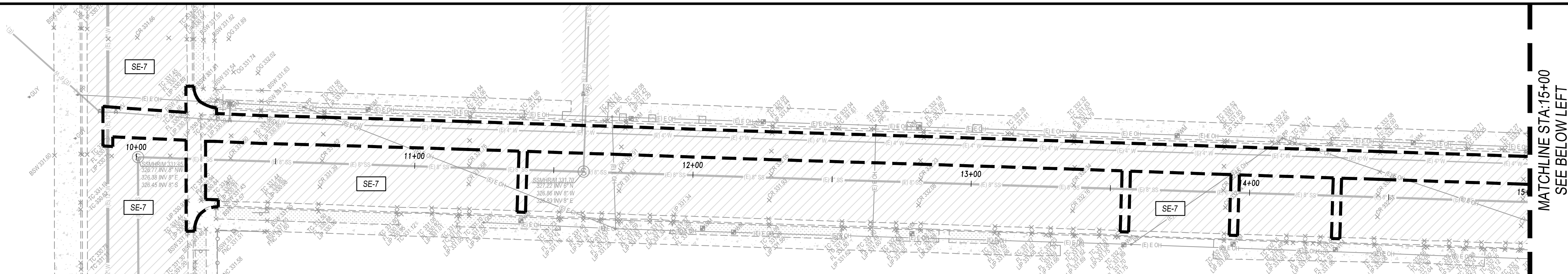
THE FOLLOWING BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE IMPLEMENTED IN CONFORMANCE WITH THE CALIFORNIA STORMWATER BEST MANAGEMENT PRACTICES HANDBOOK:

EC-1	SCHEDULING	SE-5	FIBER ROLLS
EC-2	PRESERVATION OF EXISTING VEGETATION	SE-7	STREET SWEEPING AND VACUUMING
NS-1	WATER CONSERVATION PRACTICES	SE-10	STORM DRAIN INLET PROTECTION
NS-3	PAVING AND GRINDING OPERATIONS	WE-1	WIND EROSION CONTROL
NS-6	ILUOT CONNECTION/DISCHARGE	WM-1	MATERIAL DELIVERY AND STORAGE
NS-7	POTABLE WATER IRRIGATION	WM-2	MATERIAL USE
NS-8	VEHICLE AND EQUIPMENT CLEANING	WM-3	STOCKPILE MANAGEMENT
NS-9	VEHICLE AND EQUIPMENT FUELING	WM-4	SPILL PREVENTION AND CONTROL
NS-10	VEHICLE AND EQUIPMENT MAINTENANCE	WM-5	SOLID WASTE MANAGEMENT
NS-12	CONCRETE CURING	WM-6	HAZARDOUS WASTE MANAGEMENT
NS-13	CONCRETE FINISHING	WM-8	CONCRETE WASTE MANAGEMENT
SE-1	SILT FENCE	WM-9	SANITARY/SEPTIC WASTE MANAGEMENT

#### LEGEND

	LIMITS OF DISTURBED AREA TOTAL DISTURBED AREA = ±12,420 SF
	DRAINAGE DIRECTION
	STREET SWEEPING & VACUUMING
	WIND EROSION CONTROL
	STORM DRAIN INLET PROTECTION
	GRAVEL BAG BERM OR EQUIVALENT
	STORM DRAIN INLET PROTECTION, TYPE AS NOTED

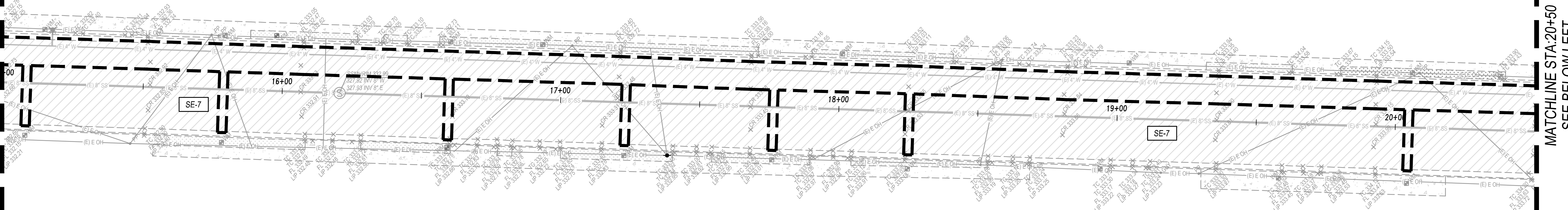
COLLEGE AVENUE



COLLEGE AVENUE

E. PARK WAY, STA: 09+70 - 15+00

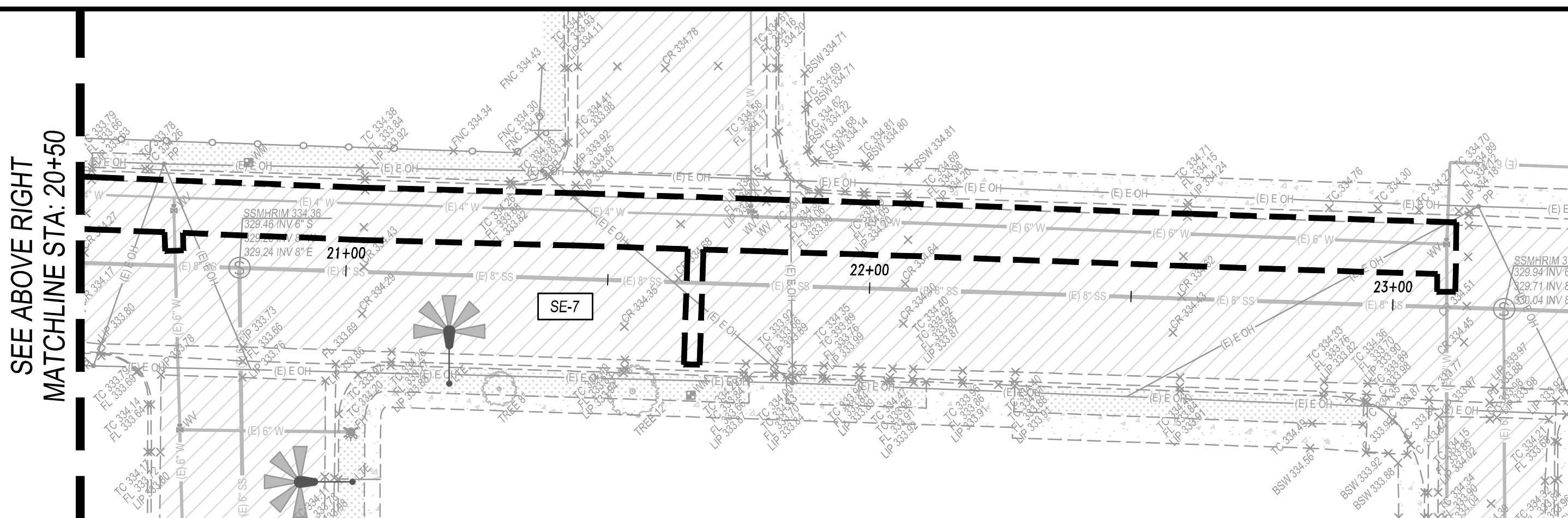
SEE ABOVE RIGHT  
MATCHLINE STA: 15+00



MATCHLINE STA: 20+50  
SEE BELOW LEFT

E. PARK WAY, STA: 15+00 - 20+50

CALIFORNIA STREET

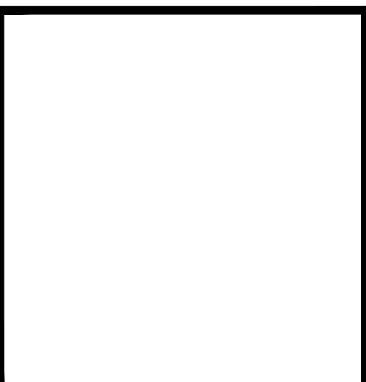
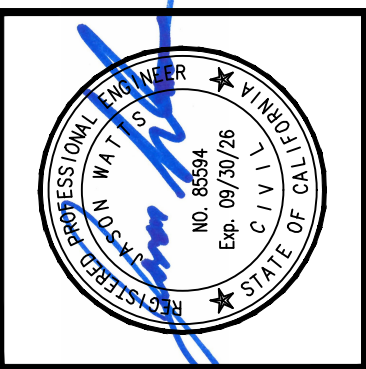


CALIFORNIA STREET

WILSON STREET

E. PARK WAY, STA: 20+50 - END

REVISIONS	DATE	BY	DESCRIPTION



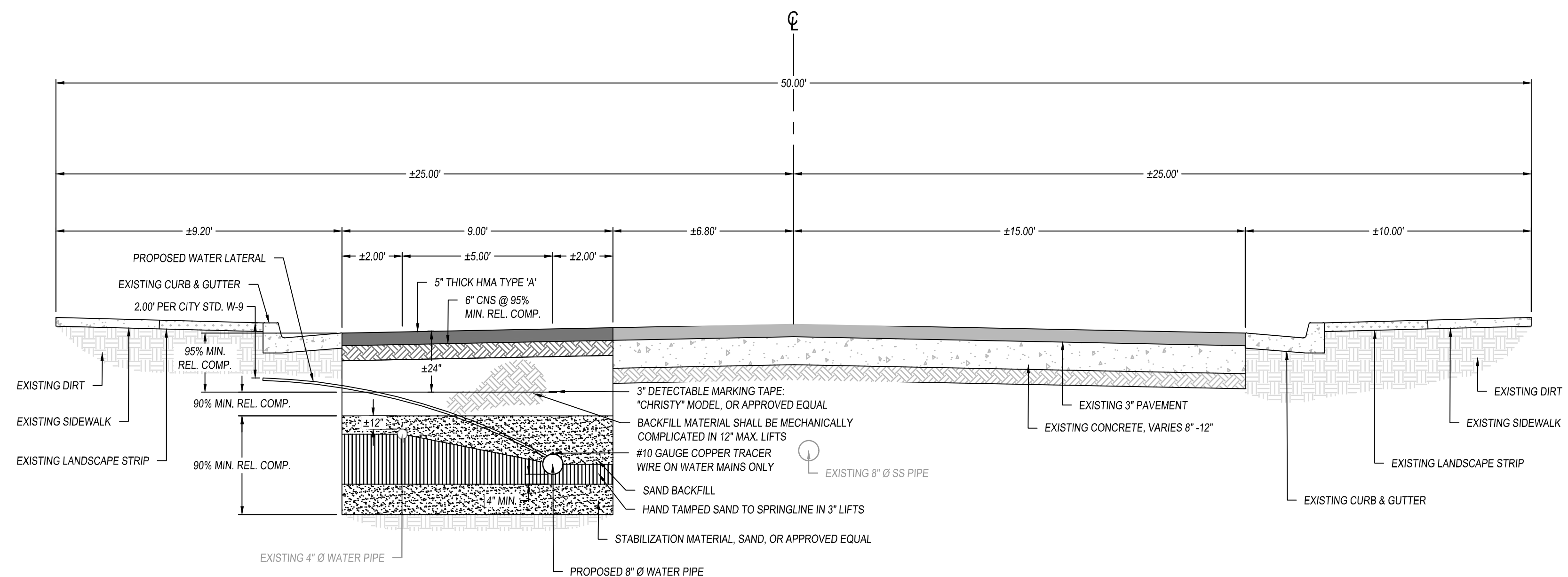
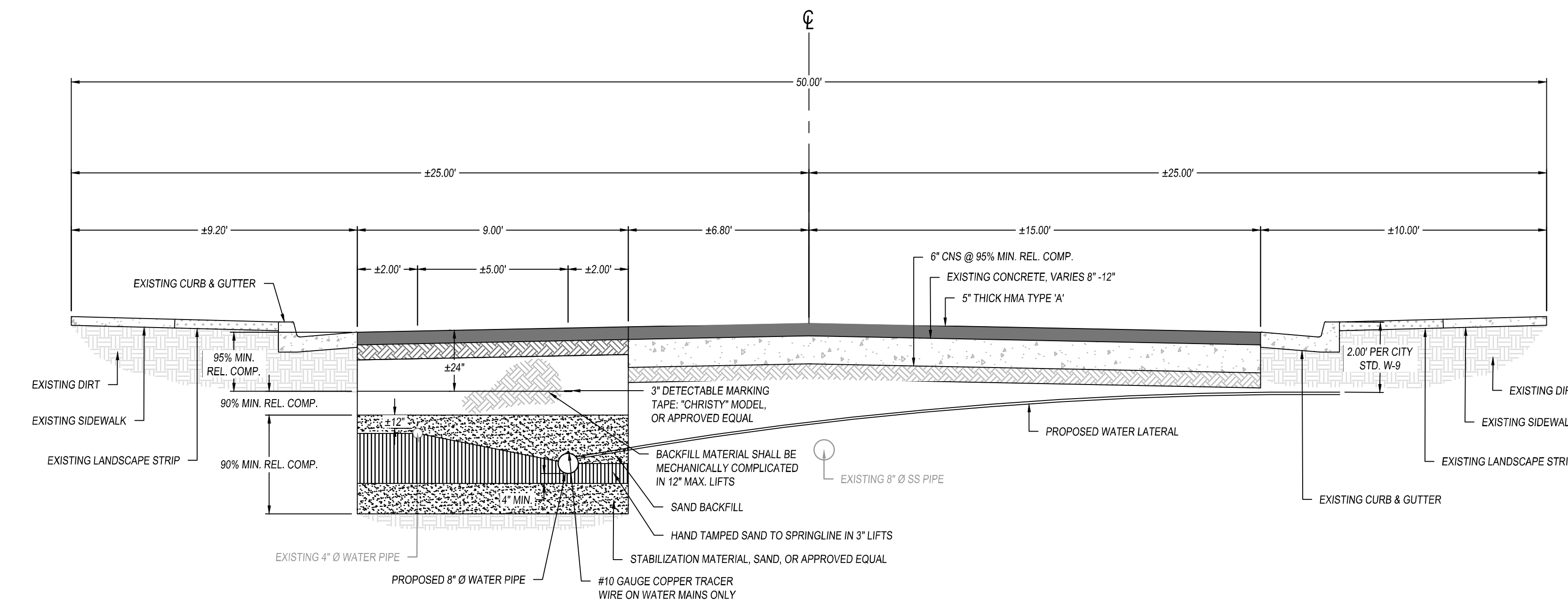
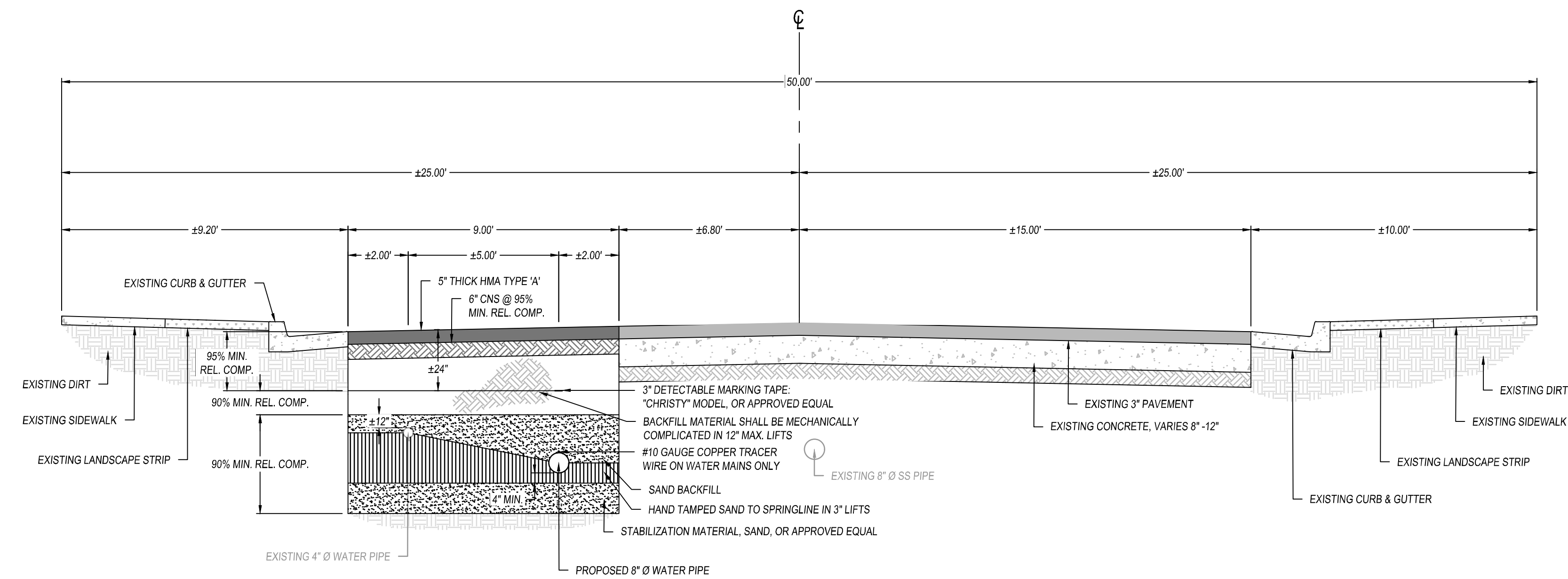
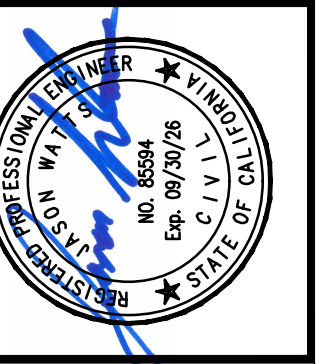
APPROVED BY:	RCE 85594
DATE	JASON WATTS, P.E. PROJECT ENGINEER


PREPARED BY:	324 S. SANTE FE STE. A P.O. BOX 7503 VISALIA, CA 93282 TEL: 559.802.3052 FAX: 559.802.3215
DRW BY: GN	4CREEKS
CHK BY: WW	

IMPROVEMENT PLANS FOR CITY OF DINUBA 1088 EAST KAMM AVENUE DINUBA, CA 93816 (559) 591-5924	E. PARK WAY WATER MAIN IMPROVEMENTS PROJECT WATER POLLUTION CONTROL PLAN E. PARK WAY STA: 9+70 - END
--	--

PLOT DATE:	6/5/2025
JOB NO.:	22442
FILE NAME:	22442-06-WPCP
W1	
SHEET NO.:	06 OF 11



[illegible]

DATE _____	 JASON WATTS, P.E. PROJECT ENGINEER	RCE 85594



4CREEKS

DRW BY: GN

CHK BY: JW

324 S. SANTE FE, STE. A

P.O. BOX 7583

VISALIA, CA 93202

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FAX: 559.802.3215

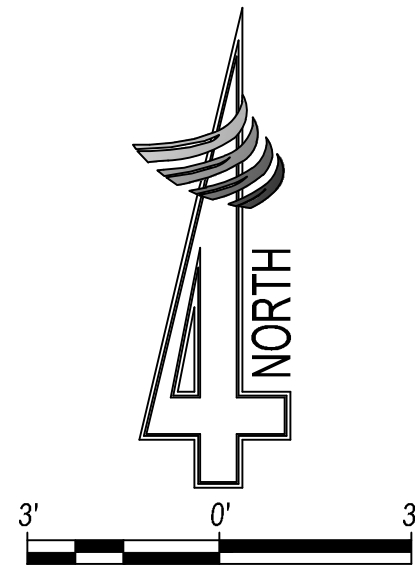
**CITY OF DINUBA**  
 1088 EAST RAMM AVENUE  
 DINUBA, CA 93616  
 (959) 391-5824

**DINUBA**

**E. PARK WAY WATER MAIN IMPROVEMENTS PROJECT**  
**CROSS SECTIONS**  
**E. PARK WAY**

LOT DATE: 6/5/2025
OB NO.: 22442
LE NAME: 22442-07-X-SECTION
<b>X1</b>
SHEET NO.: 07 OF 11



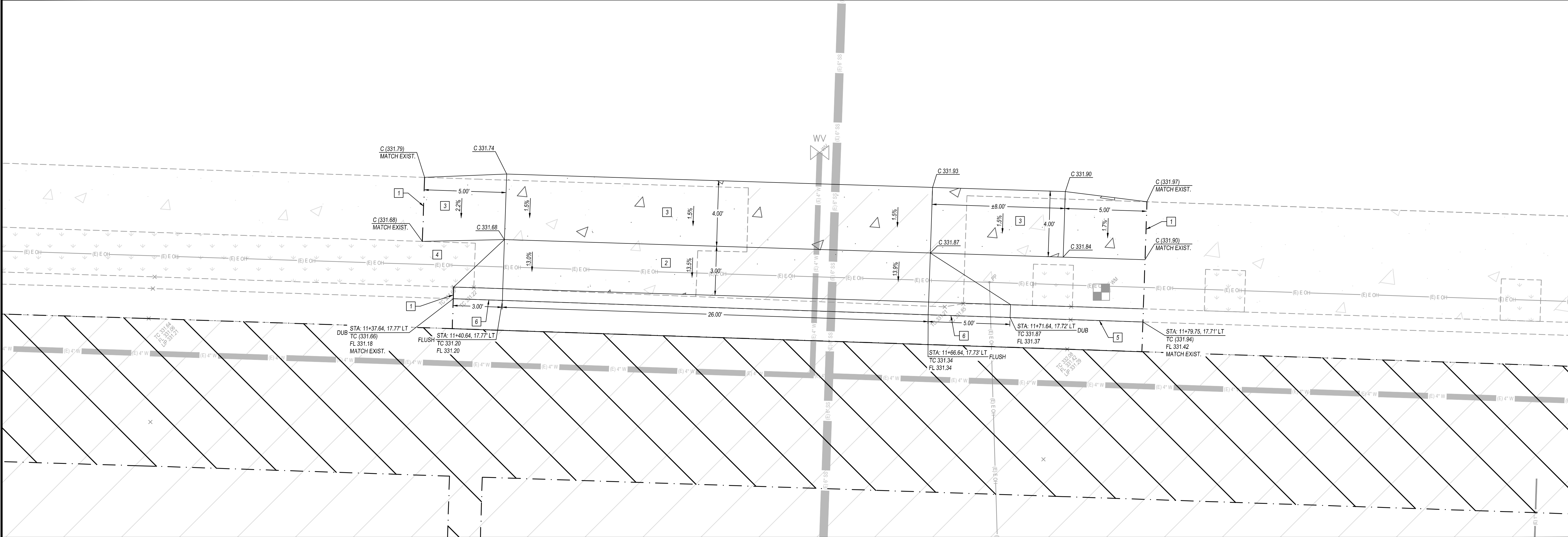


KEYNOTES (SHEETS L1-L3)

- 1 SAWCUT CLEAN ON EDGE AND MATCH EXISTING
- 2 INSTALL RESIDENTIAL DRIVE APPROACH PER CITY STD. C-11, SHEET 10
- 3 CONSTRUCT SIDEWALK PER CITY STD. C-9, SHEET 10
- 4 CONTRACTOR SHALL RE-GRADE LANDSCAPE AREAS TO MATCH NEW IMPROVEMENTS. ADJUST IRRIGATION AND REPLACE IN-KIND
- 5 INSTALL CURB & GUTTER PER CITY STD. C-8, SHEET 10
- 6 CONSTRUCT CITY STD. CURB & GUTTER WITH DEPRESSED CURB WITH SMOOTH TRANSITION

LEGEND

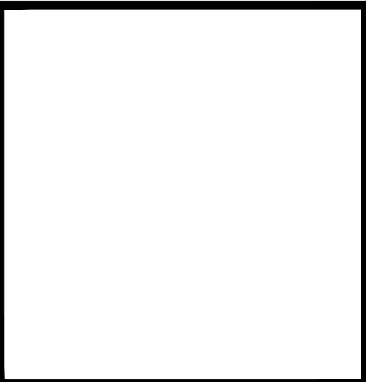
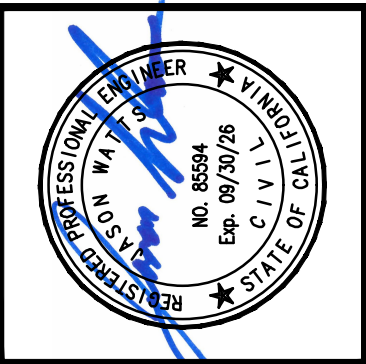
- SAWCUT TO A NEAT, CLEAN, ON-GRADE EDGE
- [Hatched Box] EXISTING ASPHALT CONCRETE
- [Dotted Box] EXISTING CONCRETE
- [Stippled Box] EXISTING VEGETATION
- [Patterned Box] PROPOSED CONCRETE



DRIVE APPROACH STA: 11+37.64 - 11+79.75

R-1

REVISIONS		DATE	BY	DESCRIPTION



APPROVED BY:	RCE 65594
DATE	JASON WATTS, P.E. PROJECT ENGINEER

PREPARED BY:

**4CREEKS**

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CHK BY: WW

IMPROVEMENT PLANS FOR  
**CITY OF DINUBA**  
1088 EAST KAMM AVENUE  
DINUBA, CA 93816  
(559) 591-5924

**DINUBA**

E. PARK WAY WATER MAIN IMPROVEMENTS PROJECT  
DRIVE APPROACH DETAIL

PLOT DATE:	6/5/2025
JOB NO.:	22442
FILE NAME:	22442-08-DA
CD1	
SHEET NO.:	08 OF 11



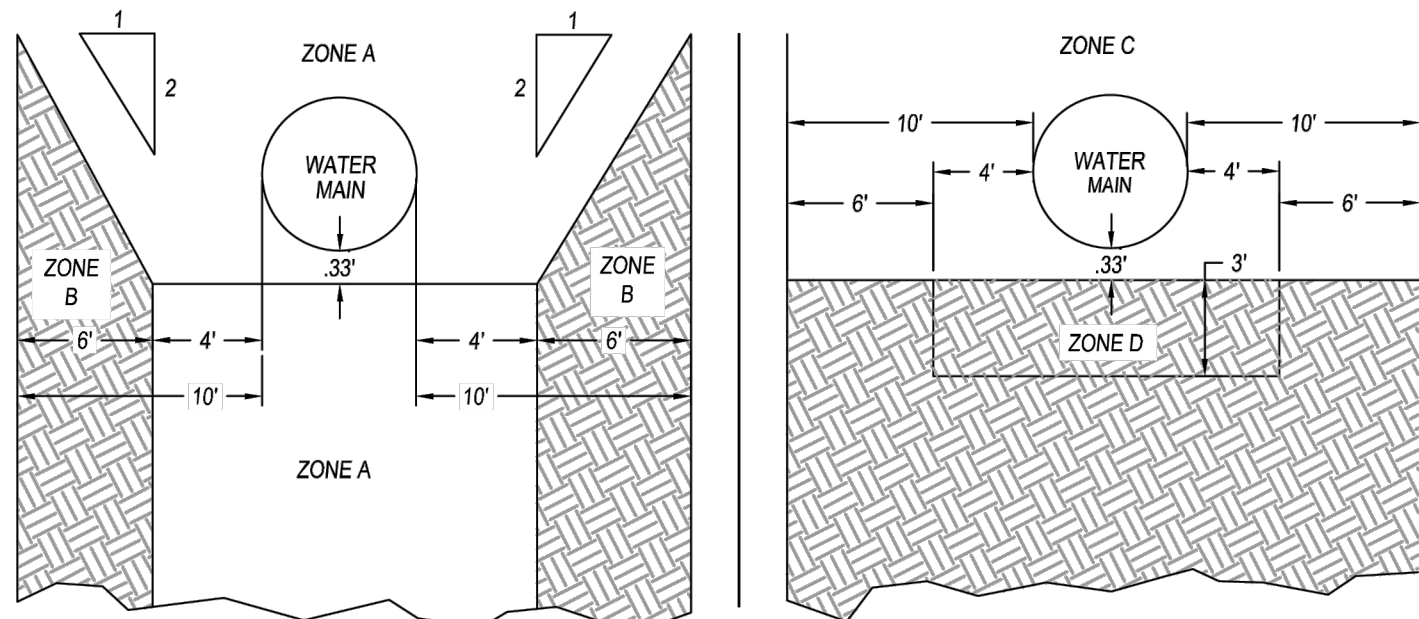
**A. NEW CONSTRUCTION** - WHEN NEITHER WATER MAINS NOR SEWER MAINS ARE EXISTING, THE FOLLOWING SHALL APPLY WHEREVER POSSIBLE:

- 1. PARALLEL MAINS** - THE HORIZONTAL SEPARATION BETWEEN PRESSURE WATER MAINS AND SANITARY SEWER MAINS SHALL BE AT LEAST 10 FEET FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE.
- 2. CROSSING MAINS** - PRESSURE WATER MAINS SHALL HAVE A MIN. THREE FEET OF SEPARATION ABOVE THE SANITARY SEWER MAINS, WHERE THESE LINES MUST CROSS.
- 3. ALL WATER MAIN AND SEWER MAIN SEPARATIONS SHALL FOLLOW THE CALIFORNIA STATE WATER BOARD'S REQUIREMENTS**

B. ALTERNATIVE CONDITIONS - WHEN EITHER WATER MAINS OR SEWER MAINS ARE EXISTING, OR THE CONDITIONS REQUIRED IN "A" ABOVE CANNOT BE MET, THE FOLLOWING SHALL APPLY:

1. NEW SEWER MAIN AND EXISTING WATER MAIN. - CASE 1 AND 2.
2. NEW WATER MAIN AND EXISTING SEWER MAIN. - CASE 3.

## PERPENDICULAR CONSTRUCTION



DIMENSIONS ARE FROM OUTSIDE OF WATER MAIN TO OUTSIDE OF SANITARY SEWER MAIN. DESCRIPTIONS OF COMPRESSION JOINTS, MECHANICAL JOINTS, AND REQUIRED CONCRETE ENCASEMENT ARE ON SHEET 2.

	CITY COUNCIL APPROVAL: 01/24/2023	WATER MAIN AND SANITARY SEWER MAIN SEPARATION (SHEET 1 OF 2)	SS-2																					
	APPROVED BY CITY ENGINEER		<table border="1" style="width: 100%; border-collapse: collapse;"><tr><th colspan="3" style="text-align: center; font-size: 0.8em;">REVISIONS</th></tr><tr><th style="width: 60%; text-align: center; font-size: 0.7em;">NAME</th><th style="width: 20%; text-align: center; font-size: 0.7em;">BY</th><th style="width: 20%; text-align: center; font-size: 0.7em;">DATE</th></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table>	REVISIONS			NAME	BY	DATE															
	REVISIONS																							
	NAME	BY	DATE																					
APPROVED BY PUBLIC WORKS DIRECTOR	PUBLIC IMPROVEMENT STANDARDS																							

OR D. CLASS 150 OR HEAVIER CAST-IRON PIPE WITH HOT DIP BITUMINOUS COATED AND APPROVED MECHANICAL JOINTS; OR ANY SEWER PIPE WITHIN A CONTINUOUS STEEL CASING, WHICH CASING SHALL HAVE A THICKNESS OF NOT LESS THAN ONE-FOURTH INCH AND WITH ALL VOIDS BETWEEN SEWER PIPE AND CASING PRESSURE GROUTED WITH SAND-CEMENT GROUT.

IF AN EXISTING SEWER MAIN IS LOCATED WITHIN ZONE A, B, C, OR D OF A NEW WATER MAIN, THE FOLLOWING SPECIAL REQUIREMENTS APPLY:

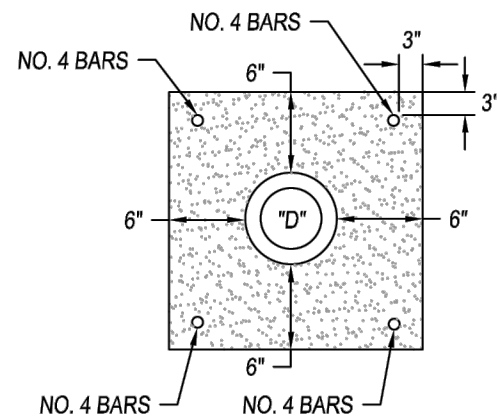
A. NO WATER MAINS SHALL BE CONSTRUCTED WITHOUT SPECIAL PERMISSION FROM THE DEPARTMENT OF PUBLIC WORKS.

B. IF THE SEWER MAIN DOES NOT MEET THE ZONE B. REQUIREMENTS GIVEN ABOVE THE WATER MAIN SHALL BE OF CLASS 200 PIPE, OR APPROVED ALTERNATE.

C. NO WATER MAINS SHALL BE CONSTRUCTED WITHOUT SPECIAL PERMISSION FROM THE DEPARTMENT OF PUBLIC WORKS. IF PERMISSION IS GRANTED, THE SEWER MAIN SHALL BE ENCASED WITH REINFORCED CONCRETE AND THE WATER MAIN SHALL BE OF CLASS 200 PIPE, OR APPROVED ALTERNATE.

D. THE SEWER MAIN SHALL BE ENCASED WITH REINFORCED CONCRETE.

1. COMPRESSION JOINTS ARE RUBBER RING OR GASKET JOINTS.
2. MECHANICAL JOINTS ARE BOLTED JOINTS.
3. ACCEPTABLE REINFORCED CONCRETE ENCASEMENT IS AS TO THE RIGHT:
4. CONCRETE SHALL BE CLASS "A" (6 SACK MIN.), OR APPROVED EQUAL.

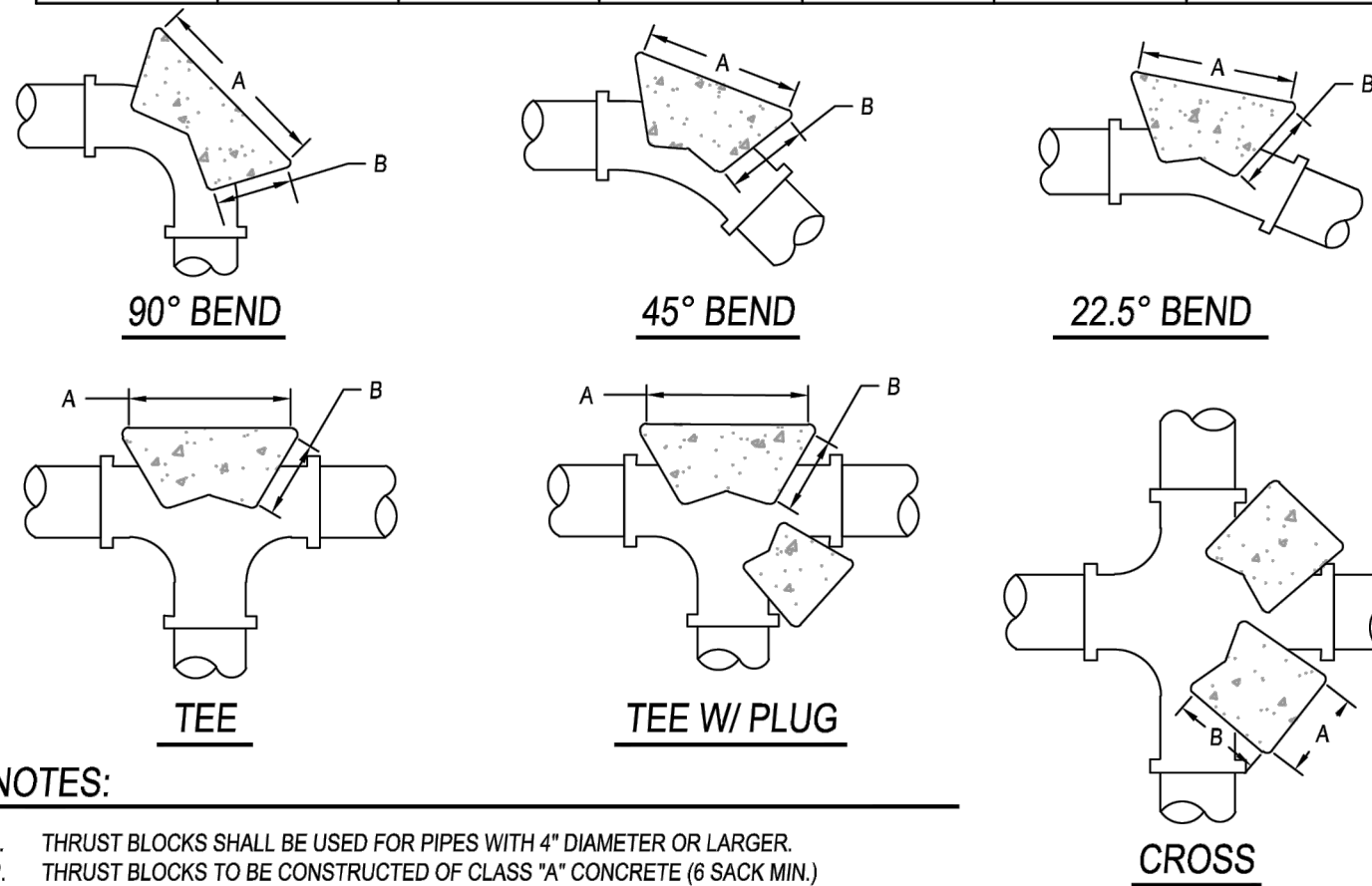


	CITY COUNCIL APPROVAL: 01/24/2023	WATER MAIN AND SANITARY SEWER MAIN SEPARATION (SHEET 2 OF 2)	SS-3
	APPROVED BY CITY ENGINEER: 		REVISIONS
	APPROVED BY PUBLIC WORKS DIRECTOR: _____		NAME      BY      DATE

A						
PIPE SIZE	90° BEND	45° BEND	11 1/4" OR 22 1/2" BEND	TEE OR END DEAD	TEE W/PLUG	CROSS
8"	39"	33"	30"	33"	33"	27"
10"	45"	36"	33"	36"	36"	39"
12"	54"	42"	36"	44"	44"	46"
18"	94"	60"	42"	76"	76"	88"

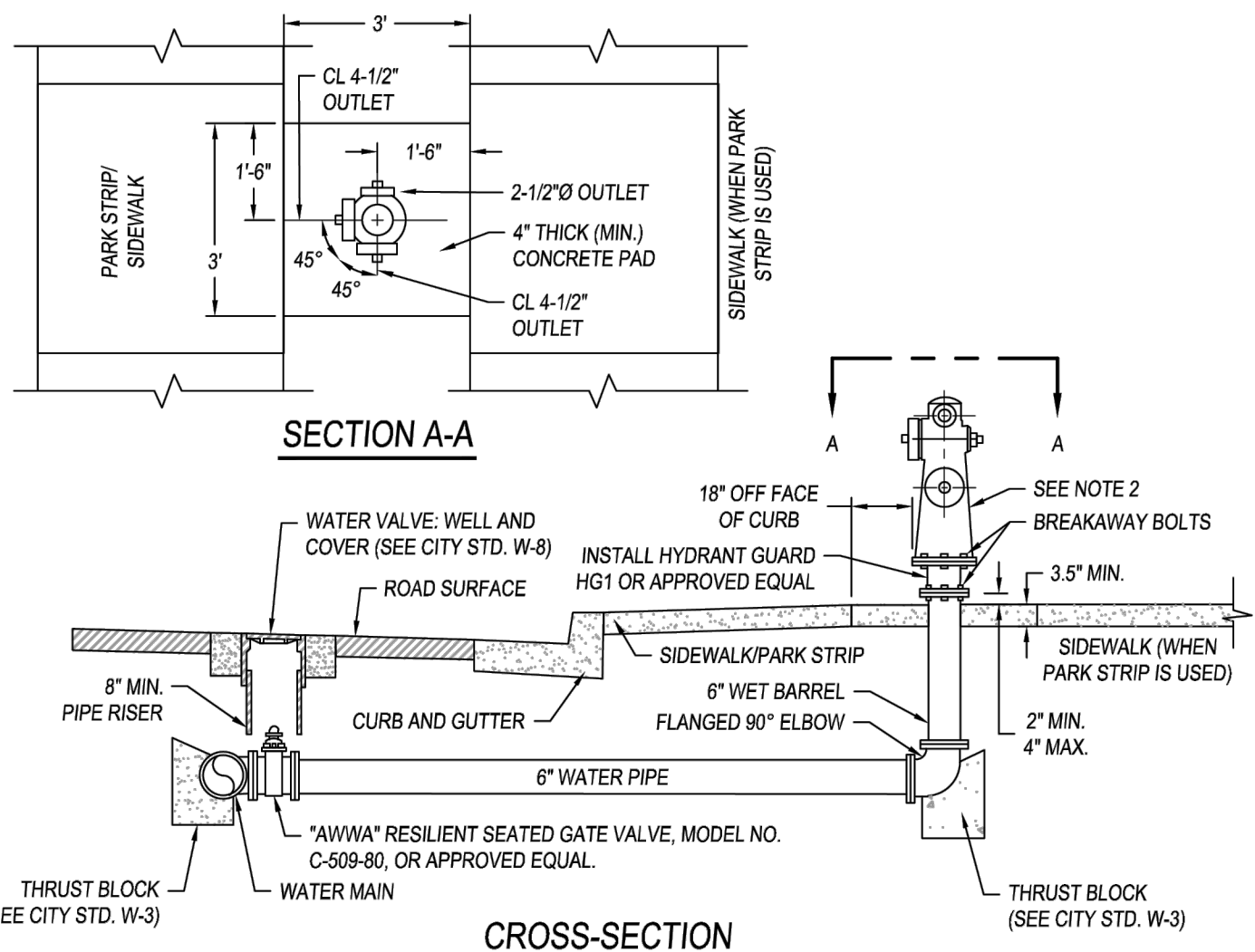
  

B						
PIPE SIZE	90° BEND	45° BEND	11 1/4" OR 22 1/2" BEND	TEE OR END DEAD	TEE W/PLUG	CROSS
8"	24"	24"	18"	21"	24"	30"
10"	24"	24"	21"	21"	24"	30"
12"	24"	24"	21"	21"	24"	30"
18"	39"	39"	39"	39"	39"	42"



1. THRUST BLOCKS SHALL BE USED FOR PIPES WITH 4" DIAMETER OR LARGER.
2. THRUST BLOCKS TO BE CONSTRUCTED OF CLASS "A" CONCRETE (6 SACK MIN.)
3. MINIMUM THICKNESS OF THRUST BLOCKS SHALL BE 6 INCHES.
4. THRUST BLOCKS TO BE POURED AGAINST UNDISTURBED SOIL.
5. AREAS GIVEN ARE FOR CLASS 150 PIPE AT PRESSURE OF 150 P.S.I. IN SOIL WITH 2,000 P.S.F. CAPACITY. INSTALLATION USING DIFFERENT PIPE, TEST PRESSURE, AND/OR SOIL TYPES SHOULD ADJUST AREAS ACCORDINGLY, SUBJECT TO APPROVAL OF CITY ENGINEER.
6. THRUST BLOCKS SHALL BE POURED A MIN. OF 5 DAYS BEFORE PRESSURIZING THE SYSTEM.
7. MEGA-A-LUG JOINTS ARE REQUIRED AND THRUST BLOCKS CANNOT BE USED IN LIEU OF MEGA-A-LUG JOINTS.

	CITY COUNCIL APPROVAL: 01/24/2023	THRUST BLOCK	W-3		
	APPROVED BY CITY ENGINEER		REVISIONS		
	APPROVED BY PUBLIC WORKS DIRECTOR	PUBLIC IMPROVEMENT STANDARDS	NAME	BY	DATE



1. TRADE NAMES ARE SPECIFIED AS STANDARD OF ACCEPTABLE QUALITY AND FEATURES. EQUIPMENT OF EQUAL QUALITY WITH EQUAL FEATURES MAY BE SUBSTITUTED ONLY WITH WRITTEN APPROVAL FROM THE DINUBA FIRE DEPARTMENT.
2. HYDRANTS SHALL BE "CLOW" MODEL 865, WET BARREL, OR APPROVED EQUAL.
3. HYDRANTS SHALL HAVE (2) 4" - 1 1/2" DIAMETER THROAT AND (1) 3" DIAMETER OUTLET.
4. NOZZLE CENTERLINES SHALL BE LOCATED NOT LESS THAN 18" ABOVE FINISH GRADE.
5. GATE VALVES SHALL BE "RESILIENT SEAT" TYPE FLANGED TO MAIN LINE.
6. HYDRANT SHALL BE EQUIPPED WITH A HYDRANT GARD HGT OR APPROVED EQUAL BETWEEN THE HYDRANT AND RISER.
7. A BLUE TWO-WAY REFLECTIVE MARKER SHALL BE INSTALLED ON THE CENTER LINE OF THE STREET ADJACENT TO THE HYDRANT PER CITY STD. W-6.
8. HYDRANTS SHALL HAVE A 4.5" STROT HYDRANT ADAPTER (MODEL: HPH450-45NH/CAP, OR APPROVED EQUAL) ATTACHED TO THE BOTTOM OF THE 4 1/2" DIAMETER OUTLET.
9. HYDRANT SHALL BE PAINTED OSHA SAFETY YELLOW.
10. A 3" DIAMETER OR 3" SQUARE CONCRETE PAD SHALL BE PROVIDED AROUND THE HYDRANT.
11. ALL CAPS AND THREADS SHALL BE LUBRICATED WITH A WATER PROOF GREASE FOLLOWING INSTALLATION.
12. METAL CAPS SHALL BE INSTALLED ON OUTLETS.
13. MAXIMUM DISTANCE BETWEEN FIRE HYDRANTS IS 400' (RESIDENTIAL) AND 300' (COMMERCIAL).
14. PAINT CURB RPD FROM CENTERLINE OF FIRE HYDRANT 15' EACH WAY.

CITY COUNCIL APPROVAL: 01/24/2023

## FIRE HYDRANT INSTALLATION

## W-5

APPROVED BY CITY ENGINEER

APPROVED BY PUBLIC WORKS DIRECTOR

## PUBLIC IMPROVEMENT STANDARDS

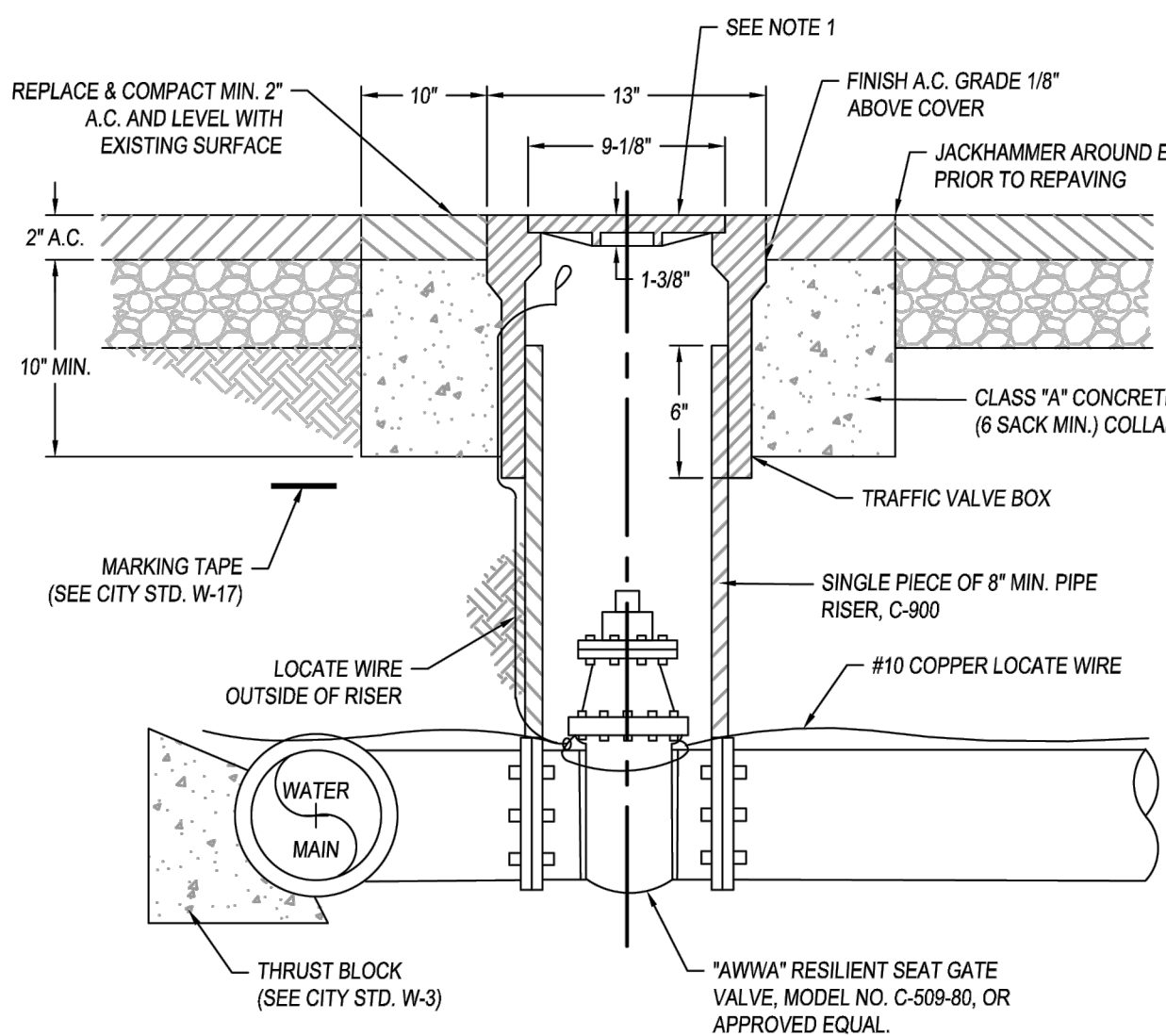
REVISIONS		
NAME	BY	DATE

## SS-2

## SS-3

## W-3

## W-5

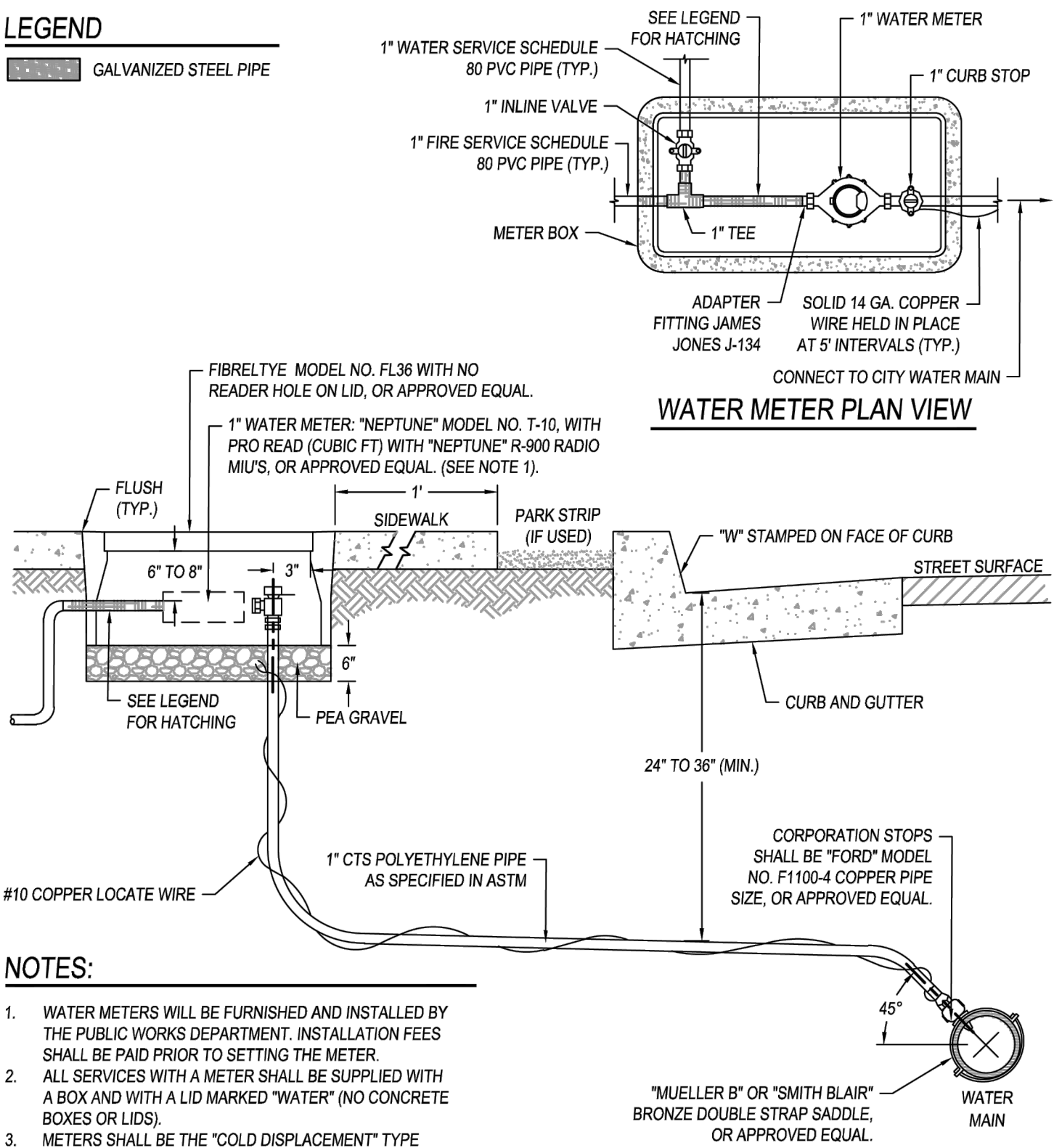


1. CAST IRON COVER WITH STREET TREAD INSCRIBED "WATER".
2. ON FIRE SPRINKLER RUNS, COVER SHALL BE INSCRIBED "FIRE".
3. INSTALL "CHRISTY" G5 TRAFFIC VALVE BOX 13" DIA. X 12", OR APPROVED EQUAL.
4. MAXIMUM DISTANCE BETWEEN IN-LINE GATE VALVES IS 500 FT., OR INTERSECTION PER PLANS.
5. WRAP ALL VALVES AND FITTINGS IN 8 MIL. PLASTIC WITH 10 MIL. TAPE.


"KENNEDY"  
"M & H DRESSER"  
"MUELLER"  
"CLOW"

<

## W-8




1. WATER METERS WILL BE FURNISHED AND INSTALLED BY THE PUBLIC WORKS DEPARTMENT. INSTALLATION FEES SHALL BE PAID PRIOR TO SETTING THE METER.
2. ALL SERVICES WITH A METER SHALL BE SUPPLIED WITH A BOX AND WITH A LID MARKED "WATER" (NO CONCRETE BOXES OR LIDS).
3. METERS SHALL BE THE "COLD DISPLACEMENT" TYPE WATER METER CONFORMING TO "AWWA" STD. C700, OR APPROVED EQUAL.
4. WATER METER & BOXES SHALL BE INSTALLED WITHIN THE SIDEWALK, AND NOT WITHIN THE DRIVE APPROACH.
5. ALL GALVANIZED PIPE SHALL BE WRAPPED IN A 10 MIL PIPE WRAP TAPE.



CITY COUNCIL APPROVAL: 01/24/2023


# 1" RESIDENTIAL WATER SERVICE

# W-9

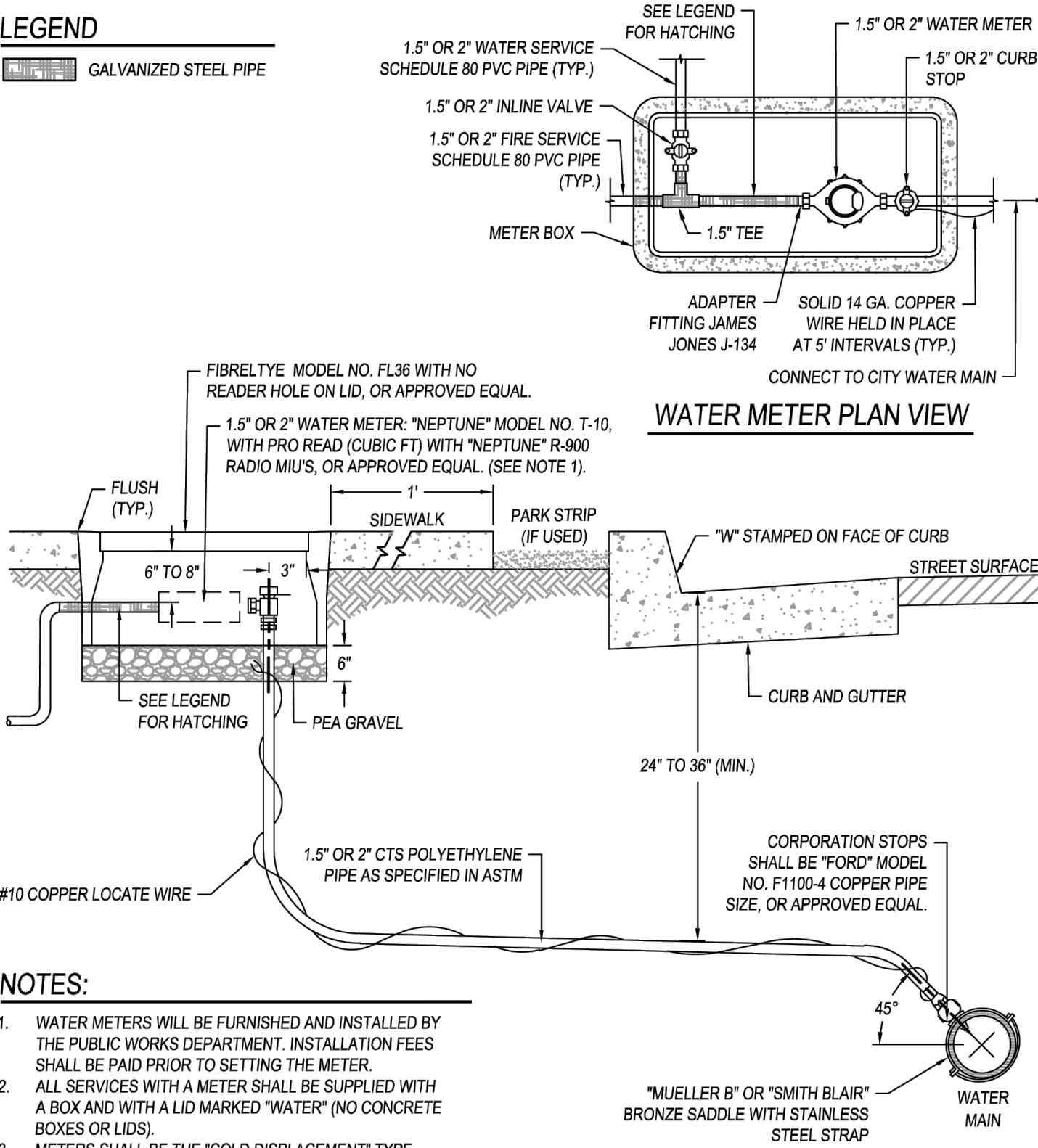
  
 APPROVED BY CITY ENGINEER

# PUBLIC IMPROVEMENT STANDARDS

REVISIONS		
NAME	BY	DATE

  
 APPROVED BY PUBLIC WORKS DIRECTOR

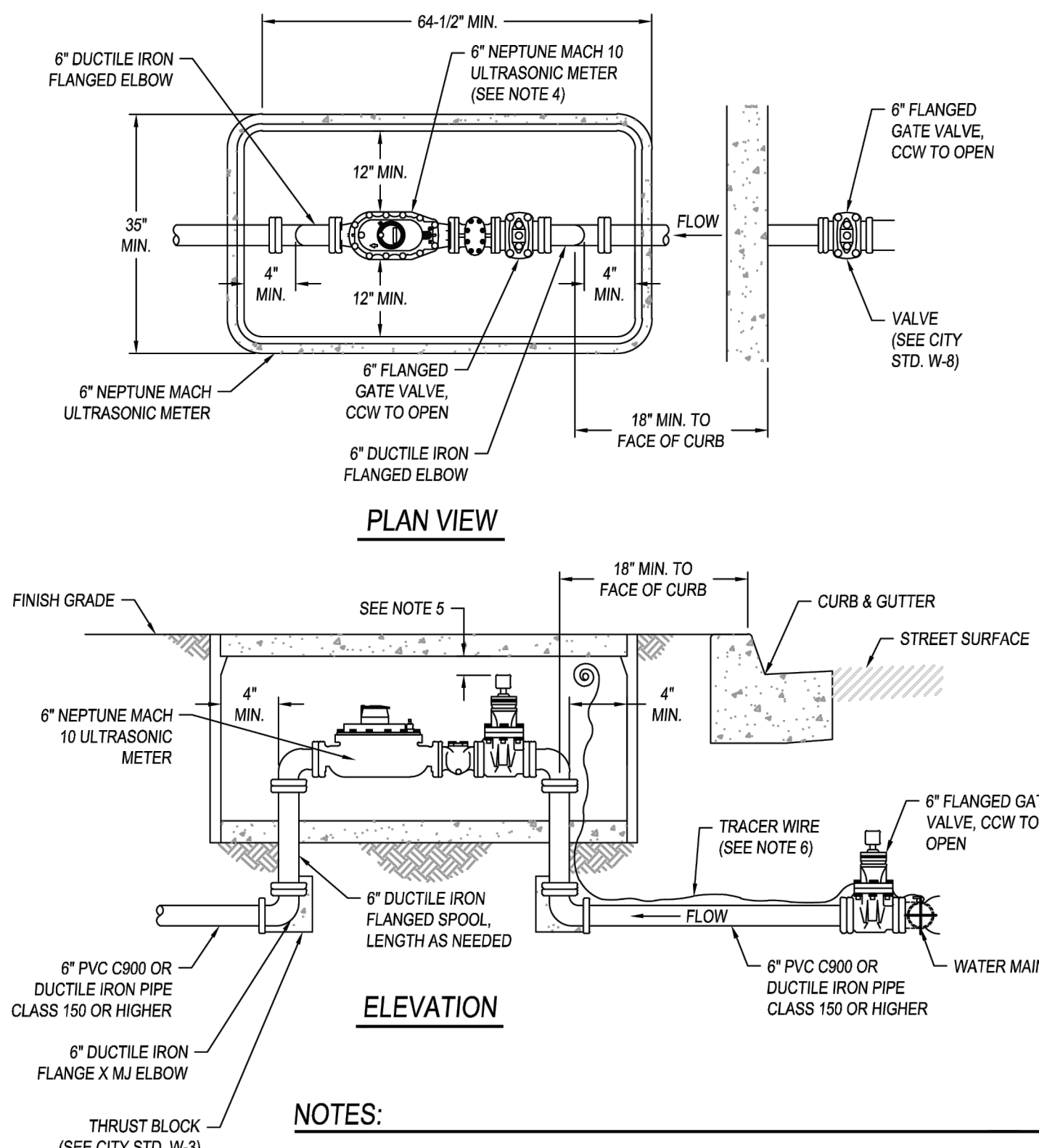
## W-9



1. WATER METERS WILL BE FURNISHED AND INSTALLED BY THE PUBLIC WORKS DEPARTMENT. INSTALLATION FEES SHALL BE PAID PRIOR TO SETTING THE METER.
2. ALL SERVICES WITH A METER SHALL BE SUPPLIED WITH A BOX AND WITH A LID MARKED "WATER" (NO CONCRETE BOXES OR LIDS).
3. METERS SHALL BE THE "COLD DISPLACEMENT" TYPE WATER METER CONFORMING TO "AWWA" STD. C700, OR APPROVED EQUAL.
4. WATER METER & BOXES SHALL BE INSTALLED WITHIN THE SIDEWALK, AND NOT WITHIN THE DRIVE APPROACH.
5. ALL GALVANIZED PIPE SHALL BE WRAPPED IN A 10MIL PIPE WRAP TAPE.

	CITY COUNCIL APPROVAL: 01/24/2023	1.5" & 2" RESIDENTIAL WATER SERVICE	W-10		
	 APPROVED BY CITY ENGINEER		REVISIONS		
	APPROVED BY PUBLIC WORKS DIRECTOR	PUBLIC IMPROVEMENT STANDARDS	NAME	BY	DATE

## W-10



1. VALVES TO BE MUELLER A-2360 OR EQUAL WITH 2" SQUARE NUTS, CCW TO OPEN.
2. 6" SEALBENCH WITH CONCRETE INSIDE OF VAULTS.
3. METER BOX IN SIDEWALK OR PLACE 3-1/2" THICK CL2 CONCRETE SLAB, 1' ON ALL S.
4. 27-1/4" GALVANIZED SPACER SHALL BE INSTALLED.
5. TOP OF OPERATIVE SQUARE NUT TO BE 4" MIN. TO 12" MAX. BELOW BOTTOM OF L.
6. TRACER WIRE TO BE #10 STRANDED COPPER WITH WHITE INSULATION.



CITY COUNCIL APPROVAL: 01/24/2023  



 APPROVED BY CITY ENGINEER  
  



 APPROVED BY PUBLIC WORKS DIRECTOR

## 6" COMMERCIAL WATER SERVICE


## PUBLIC IMPROVEMENT STANDARDS

W-14

REVISIONS		
NAME	BY	DATE

## W-14

[illegible]

APPROVED BY:		ACE 85594
DATE	JASON WATTS, P.E. PROJECT ENGINEER	

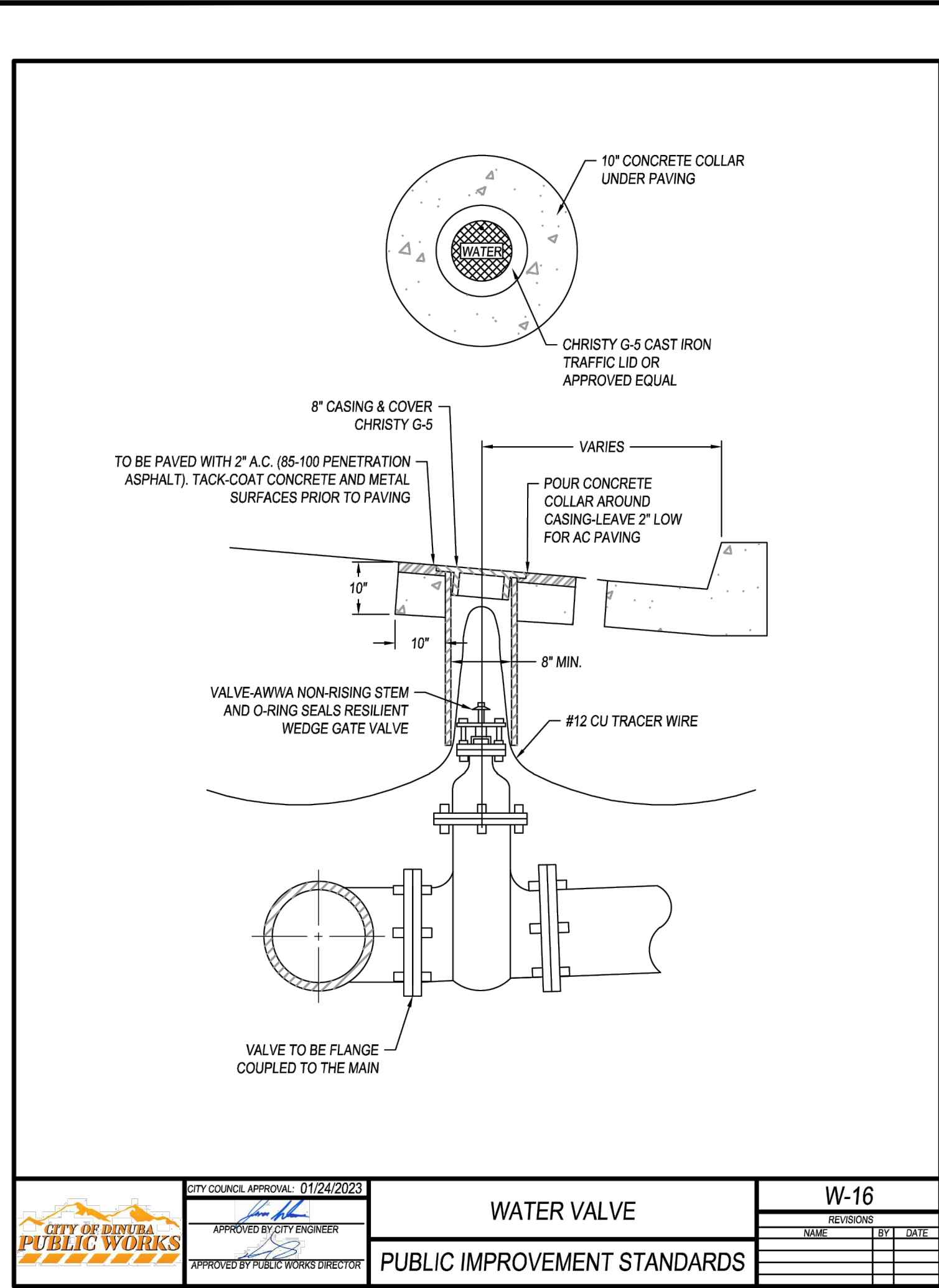


IMPROVEMENT PLANS FOR  
**CITY OF DINUBA**  
1088 EAST KAMM AVENUE  
DINUBA, CA 93718  
(559) 591-5024

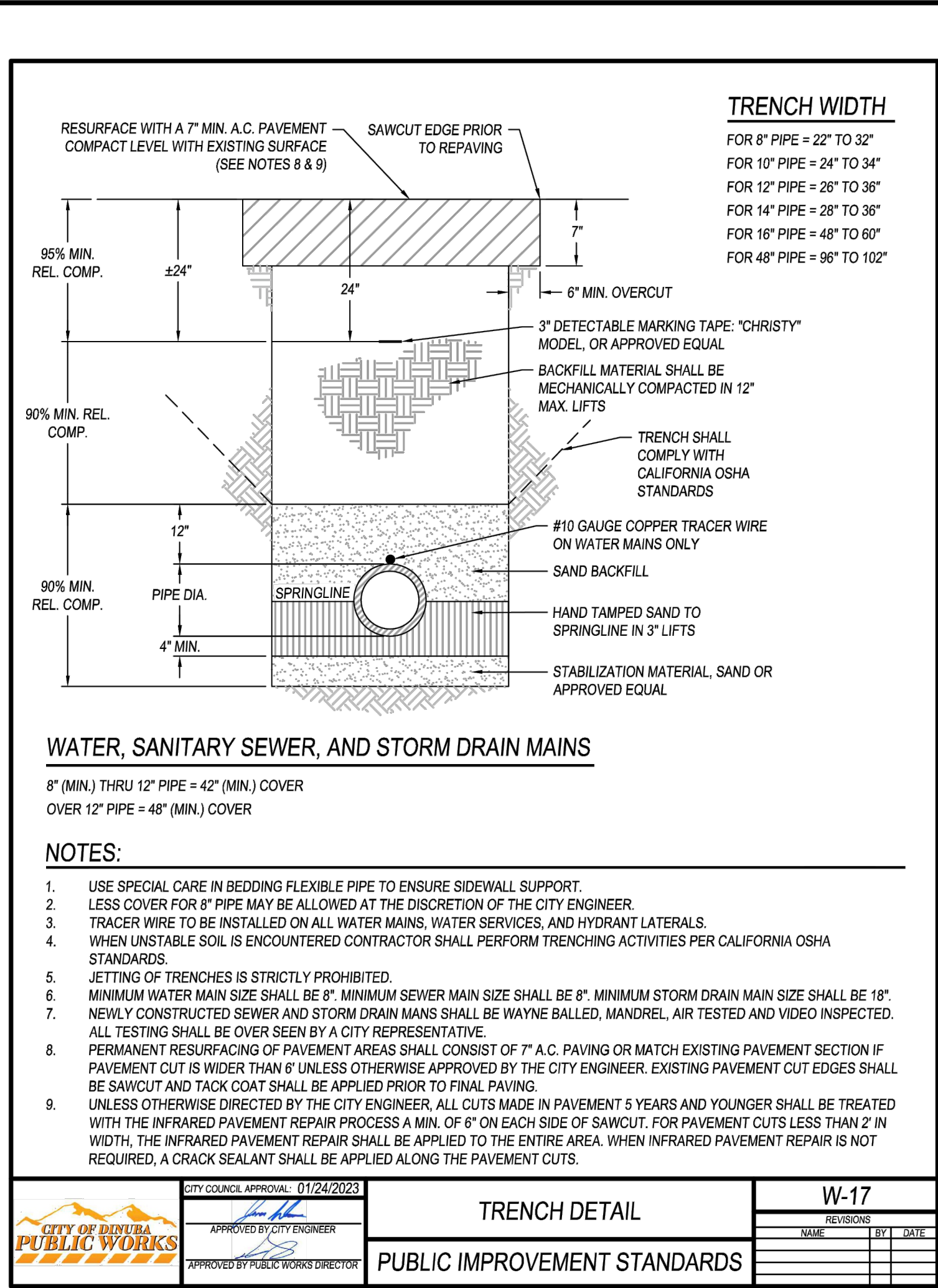
CD2

SHEET NO.: 09 OF 11

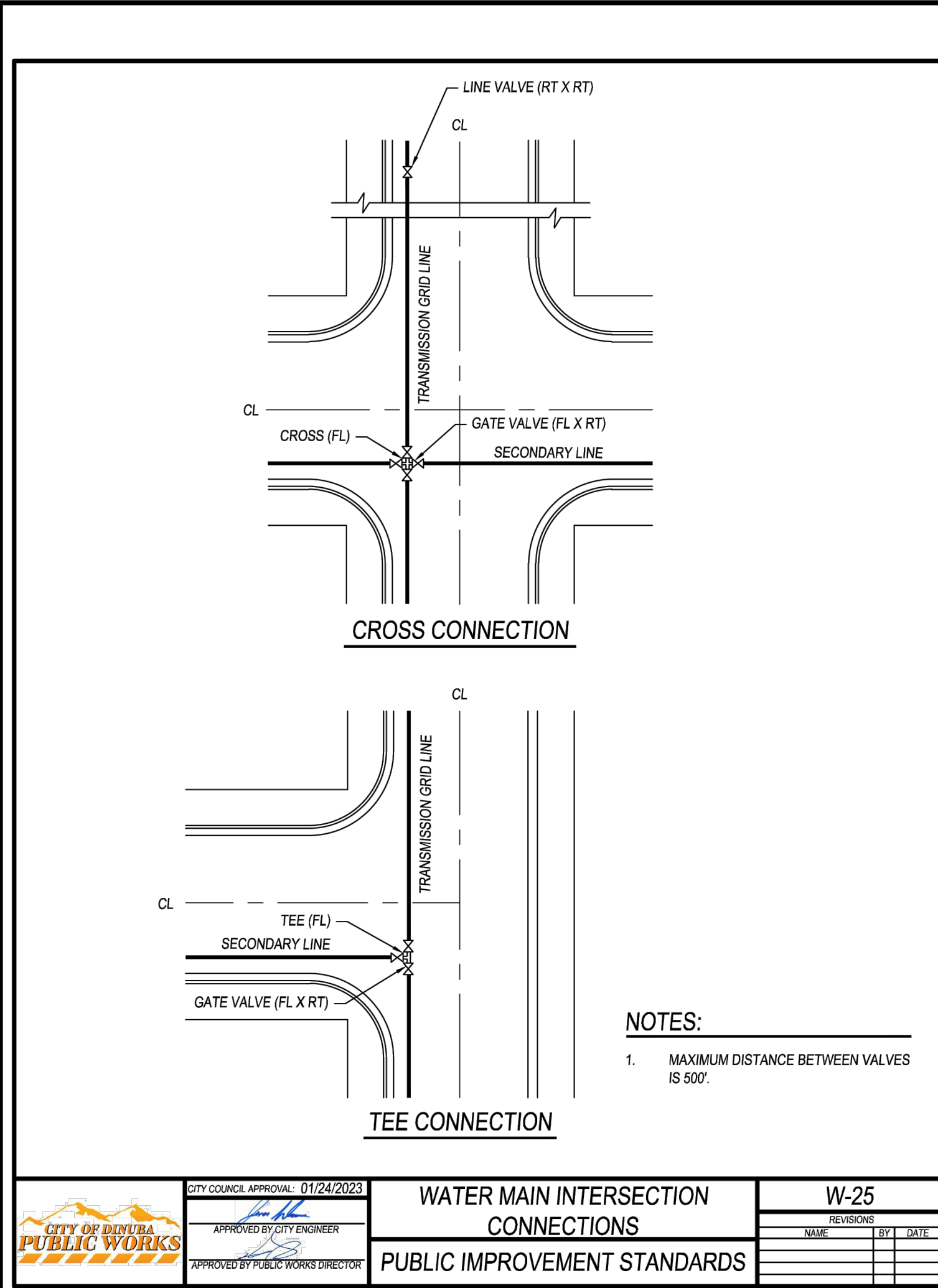




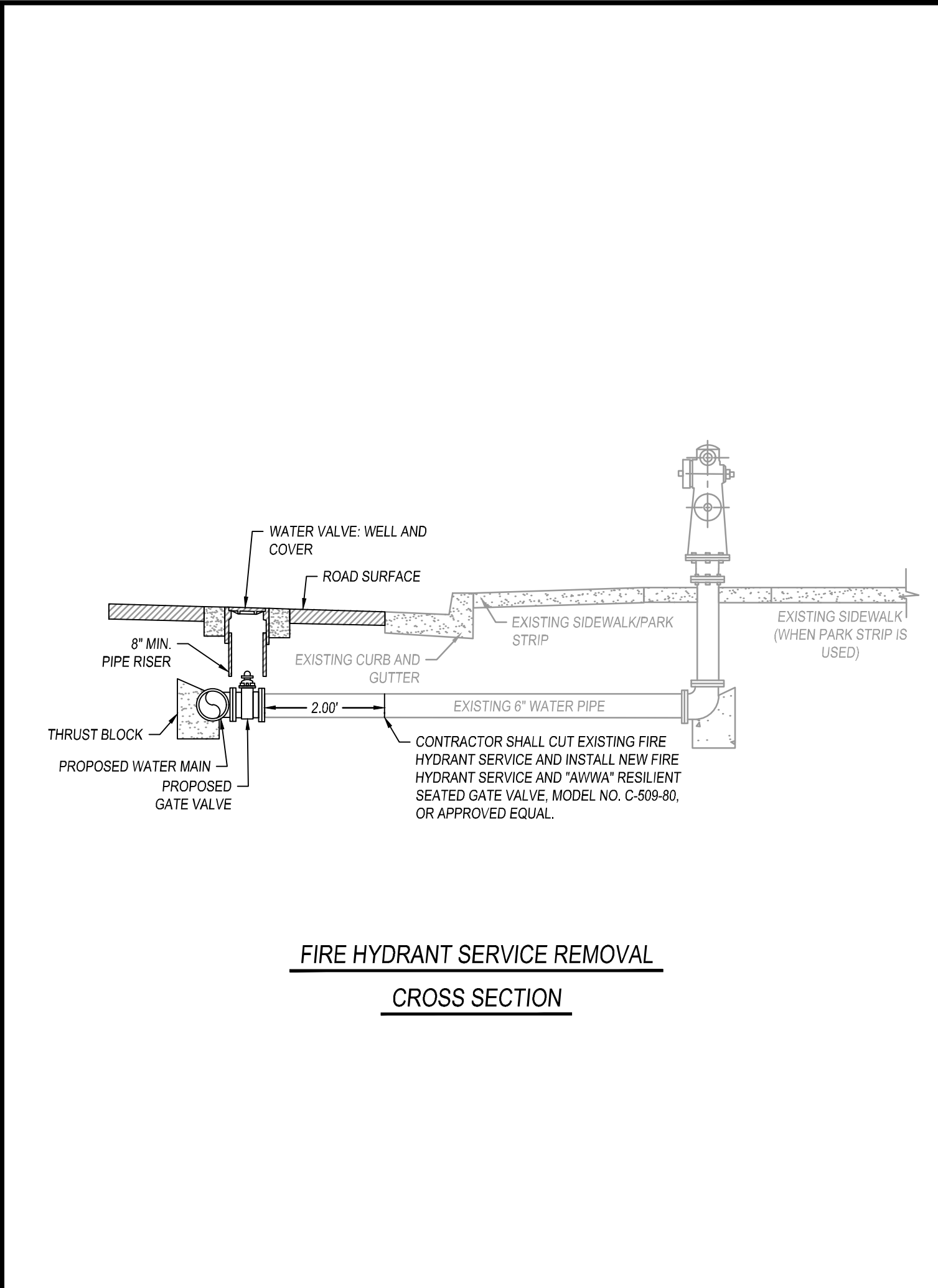
WATER VALVE W-16



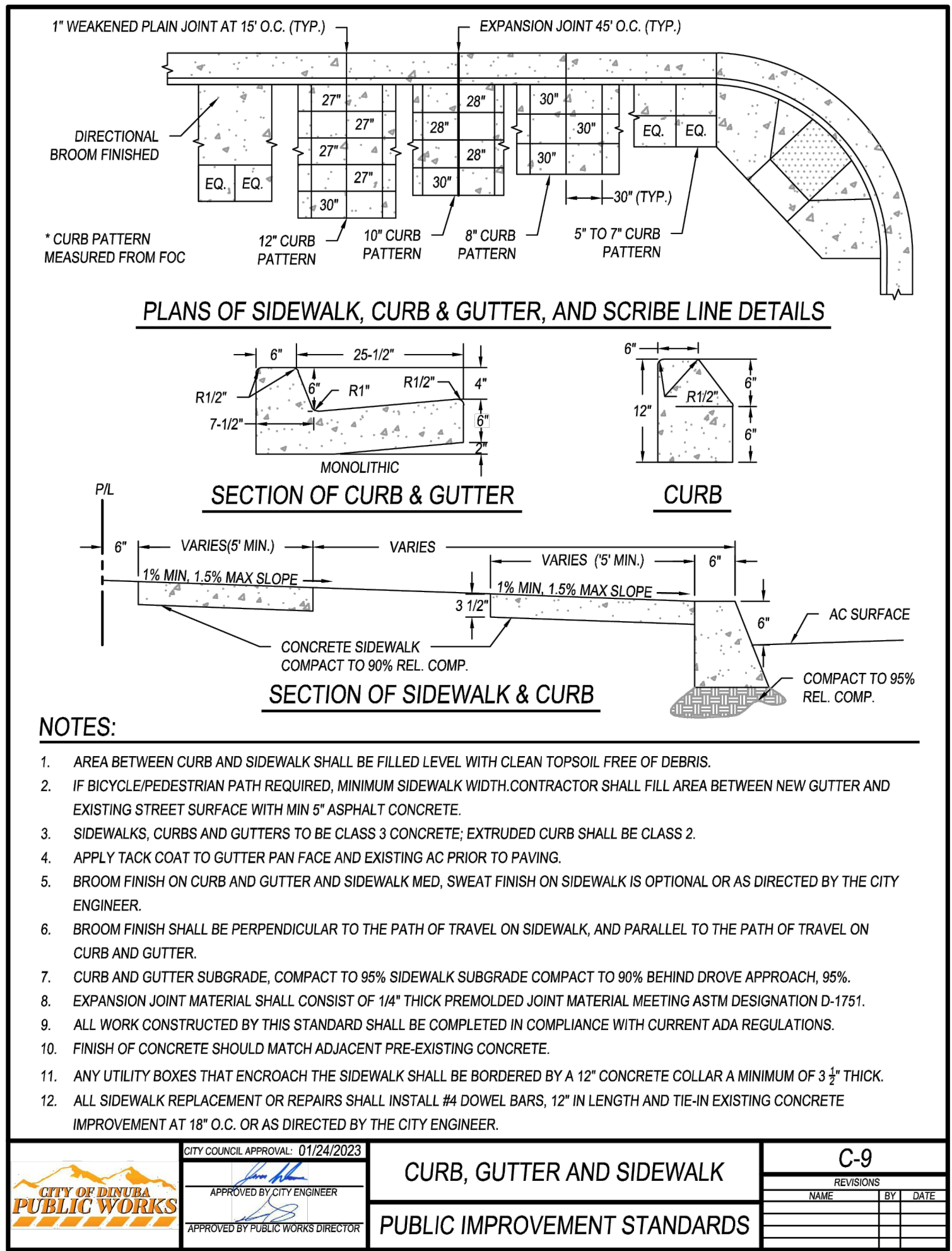
TRENCH DETAIL W-17



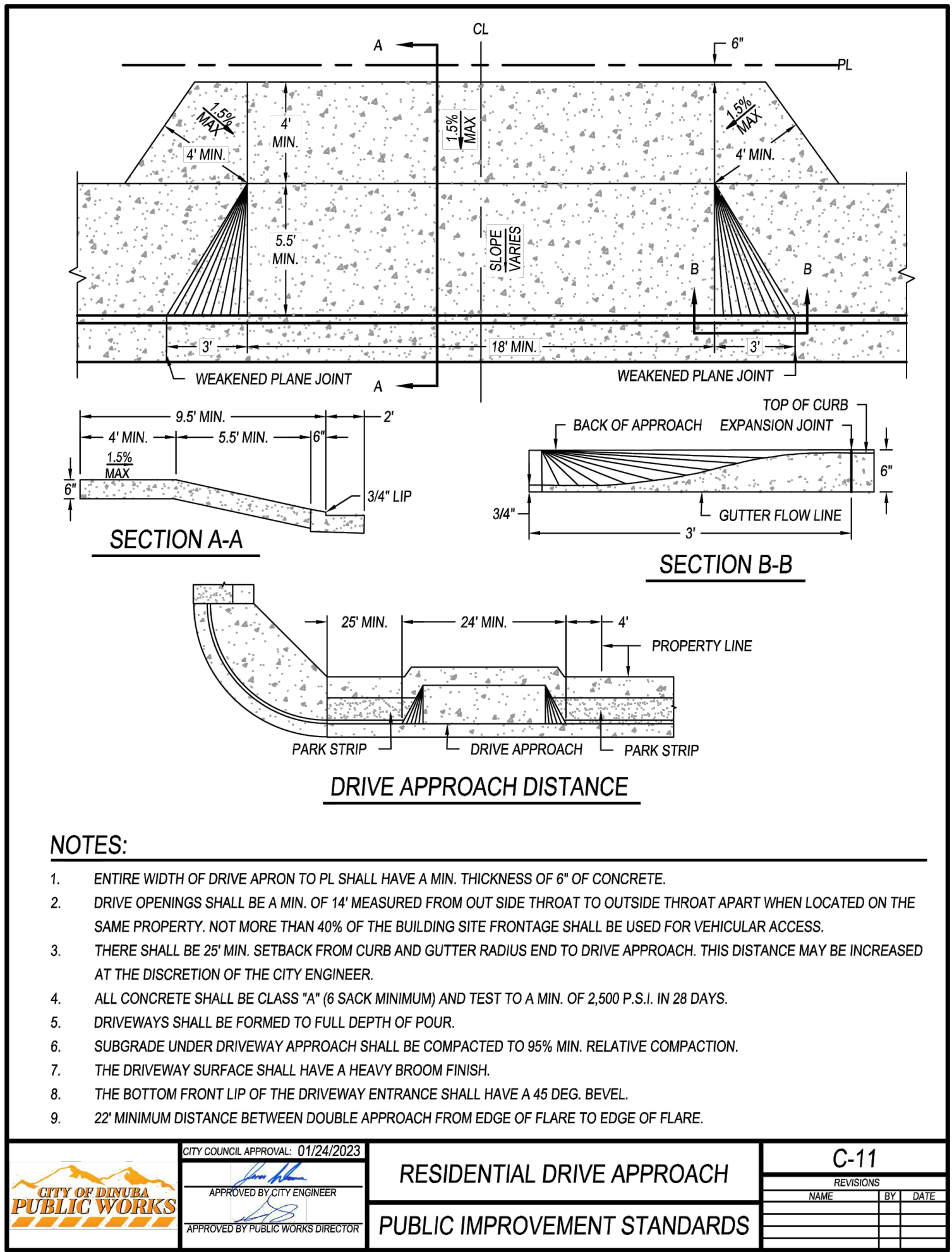
WATER MAIN INTERSECTION CONNECTIONS W-25



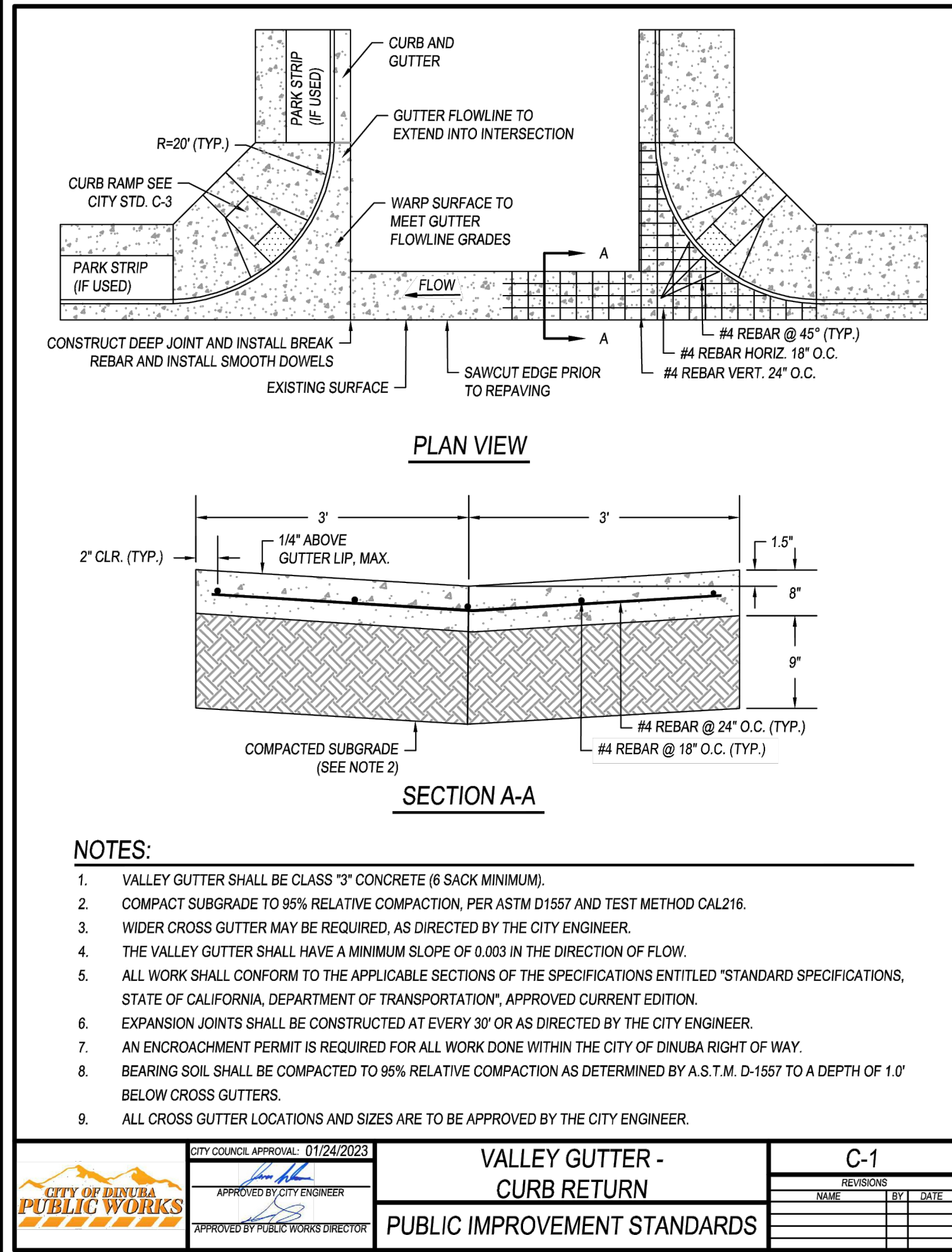
FIRE HYDRANT SERVICE REMOVAL D-1



CURB, GUTTER, & SIDEWALK C-9

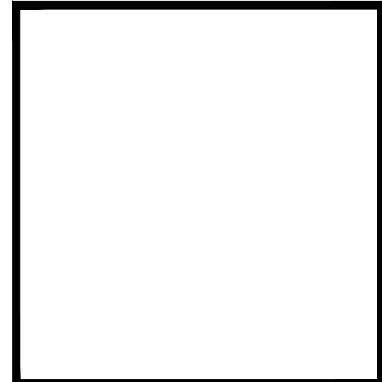
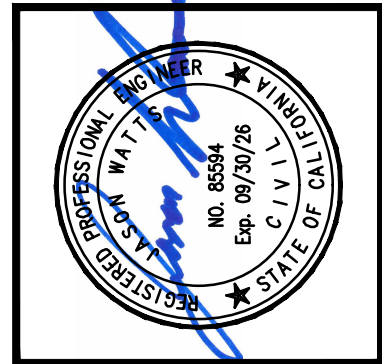


RESIDENTIAL DRIVE APPROACH C-11



VALLEY GUTTER - CURB RETURN C-1

REVISIONS	DATE	BY	DESCRIPTION



APPROVED BY:	RCE 68594
DATE	JASON WATTS, P.E.
	PROJECT ENGINEER

PREPARED BY:

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CHK BY: JW

IMPROVEMENT PLANS FOR  
**CITY OF DINUBA**  
1088 EAST KAMM AVENUE  
DINUBA, CA 93616  
(559) 591-5824

**E. PARK WAY WATER MAIN IMPROVEMENTS PROJECT**  
CIVIL DETAILS

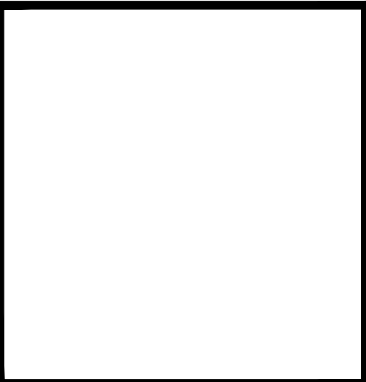
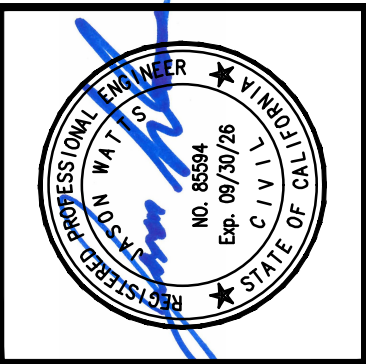
PLOT DATE:	6/5/2025
JOB NO.:	22442
FILE NAME:	22442-08-11-07L
CD3	
SHEET NO.:	10 OF 11



ADDRESS	BOX / LID MATERIAL	SERVICE MATERIAL AND SIZE	DEPTH FROM BOTTOM OF LID TO METER	PICTURE(S)	REPLACE WATER METER BOX AND LID	ADJUST EXISTING WATER SERVICE VERTICALLY TO CITY STANDARD	ADJUST EXISTING WATER SERVICE HORIZONTALLY
382 S. COLLEGE AVE.	Concrete Box & Traffic Rated Lid	3/4" Poly Service	0'-8.50"		X	X	
943 E. PARK WAY	Concrete Box & Lid	3/4" Poly Service	0'-5"		X	X	
965 E. PARK WAY	Fibrelyte Box & Lid	3/4" Poly Service, 2 Meters, Full of Water	0'-5" (L) & 0'-8" (R)				
985 E. PARK WAY	Concrete Lid & Plastic Box		0'-6"		X		
1021 E. PARK WAY	Concrete Lid & Plastic Box	3/4" Poly Service	0'-10"		X	X	
1035 E. PARK WAY	Concrete Box & Lid	3/4" Galvanized Service	0'-9"		X	X	
1057 E. PARK WAY	Concrete Box & Lid	3/4" Poly Service	0'-8"		X		
1069 E. PARK WAY	Concrete Box & Lid	3/4" Poly Service	1'-0"		X	X	
1081 E. PARK WAY	Concrete Box & Lid	3/4" Poly Service	0'-7"		X		
1099 E. PARK WAY	Fibrelyte Box & Lid	3/4" Poly Service	0'-9"			X	
1125 E. PARK WAY	Concrete Box & Lid	1.5" Galvanized Service	0'-11.50"		X	X	
1131 E. PARK WAY	Concrete Lid & Plastic Box	3/4" Galvanized Service	0'-5"		X	X	
1155 E. PARK WAY	Concrete Box & Lid	2" Galvanized Service	0'-8.50"		X	X	
1175 E. PARK WAY	Concrete Box & Lid	3/4" Poly Service	0'-11"		X	X	
1203 E. PARK WAY	Fibrelyte Box & Lid (Broken)	3/4" Poly Service	0'-7.50"		X		
391 S. CALIFORNIA ST.	Fibrelyte Box & Lid	3/4" Poly Service	0'-9"			X	
430 S. CALIFORNIA ST.	Concrete Lid & Plastic Box		0'-6.50"		X		

ADDRESS	BOX / LID MATERIAL	SERVICE MATERIAL AND SIZE	DEPTH FROM BOTTOM OF LID TO METER	PICTURE	REPLACE WATER METER BOX AND LID	ADJUST EXISTING WATER SERVICE VERTICALLY TO CITY STANDARD	ADJUST EXISTING WATER SERVICE HORIZONTALLY
1186 E. PARK WAY	Concrete Lid & Plastic Box	3/4" Poly Service	0'-5"		X	X	
1178 E. PARK WAY	Fibrelyte Box & Lid	3/4" Poly Service	0'-5.50"			X	
1166 E. PARK WAY	Fibrelyte Box & Lid	3/4" Galvanized Service	0'-8.50"			X	
1154 E. PARK WAY	Concrete Box & Lid	3/4" Poly Service, 2 Meters	0'-4.50"		X	X	
1132 E. PARK WAY	Concrete Box & Lid	3/4" Poly Service, 2 Meters	0'-7" (L) & 0'-6" (R)		X		
1124 E. PARK WAY	Concrete Box & Lid	3/4" Poly Service	0'-4.50"		X	X	
1098 E. PARK WAY	Fibrelyte Box & Lid	3/4" Poly Service	0'-6"				
1082 E. PARK WAY	Concrete Lid & Plastic Box	3/4" Galvanized Service	0'-11.50"		X	X	
1070 E. PARK WAY	Concrete Box & Lid	3/4" Galvanized Service	0'-5.50"		X	X	
1058 E. PARK WAY	Concrete Box & Lid	3/4" Poly Service	0'-7.50"		X		
1034 E. PARK WAY	Concrete Box & Traffic Rated Lid	3/4" Poly Service	0'-6.50"		X		
1020 E. PARK WAY	Concrete Box & Lid	3/4" Poly Service	0'-9.50"		X	X	
980 E. PARK WAY	Fibrelyte Box & Lid	3/4" Poly Service	0'-8.75"			X	
960 E. PARK WAY	Fibrelyte Box & Lid	3/4" Poly Service	0'-9"				
946 E. PARK WAY	Fibrelyte Box & Lid	3/4" Poly Service	0'-7.50"				
940 E. PARK WAY	Concrete Box & Lid	3/4" Galvanized Service	0'-8"		X		

REVISIONS		DATE	BY	DESCRIPTION



APPROVED BY:			RCE 65594
	DATE	JASON WATTS, P.E. PROJECT ENGINEER	

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CHK BY: JW  
DRW BY: GN

IMPROVEMENT PLANS FOR  
**CITY OF DINUBA**  
1088 EAST KAMM AVENUE  
DINUBA, CA 93616  
(559) 591-5924

E. PARK WAY WATER MAIN IMPROVEMENTS PROJECT  
METER BOX & LID DETAILS

PLOT DATE:	6/5/2025
JOB NO.:	22442
FILE NAME:	22442-08-11-07L
CD4	
SHEET NO.:	11 OF 11