

CITY OF VISALIA
315 East Acequia Avenue Visalia, CA 93291

CHANGE ORDER FORM
Riggin Avenue Widening & Improvements Project

Change Order No.: <u>1</u>	City Project No.: <u>3010-72000/CP0398-999</u>
Submitted by: <u>Diego Corvera</u>	Federal No.: <u>N/A</u>
Date Submitted: <u>December 8, 2025</u>	Purchase Order No.: <u>PO4217</u>
Committee Review Date: <u>December 10, 2025</u>	Package No. of Pages: <u>5</u>

	Engineer	Contractor	Specifications	Plans	Exhibits
Change Requested by:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Attachments:	<input checked="" type="checkbox"/>	<input type="checkbox"/>

To: Agee Construction Corporation	Contractor
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*You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract. **NOTE: This change order is not effective until approved by the Engineer.***

DESCRIPTION OF WORK:

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. The last percentage shown is the net accumulated increase or decrease from the original quantity in the Bid Item List.

Categories: E&O=Errors & Omissions; UT=Utilities; BQ=Balance of Quantities; UN=Unforeseen; CofS=Owner Directed Change of Scope

Item No.	Category	Description of Change Order	Net increase	*Net decrease	Total Change
1	CofS	Water System Change	\$346,736.00	\$0.00	\$346,736.00
Total Cost of Change Order:			\$346,736.00	\$0.00	\$346,736.00

* note: enter "decrease" as a negative number (i.e. -1000)

Item Details:

Note: Include Method of Payment, Location & Limits of Work, Description of Work to be Done, Applicable Specification Changes, Plan Sheet Changes, and Exhibits to provide clear direction. Attach all supporting documents for CO Committee.

ITEM 1: Water System Change: AGREED PRICE

Contractor to install 2,583 LF of 12" ductile iron water pipe, 3 EA fire hydrants, 3 EA 12" gate valves, 1 EA irrigation service, and 2 EA CL&C offsets as shown on the revised plan sheets dated 6/6/2025, included as sheets 3 through 5 of this Contract Change Order. The bid set of plans called for 2,583 LF of 12" water pipe and 3 EA fire hydrants. Per Calwater specification, C900 PVC pipe and ductile iron pipe are both allowed. After bid opening, final Calwater plans were provided, pages 3 through 5 of this Contract Change Order, that specified the requirement of ductile iron pipe and the addition of 3 EA gate valves, 1 EA irrigation service, and 2 EA CL&C offsets. This change order provides payment for the pipe material change and the addition of the gate valves, irrigation service, and CL&C offsets. All work shall be in accordance with Contract documents.

Original Contract Amount:	\$8,098,281.00	
Net cost of this Change Order:	\$346,736.00	4.28% Increase / Decrease
Total cost of previous Change Orders:	\$0.00	0.00% of Original Contract Amount
New Contract Amount:	\$8,445,017.00	4.28% Over Original Contract Amount

Note: Change Order Increases greater than \$100,000 require City Council authorization.

Previously granted additional days: <u>0</u>	Original Date of Completion per Contract: <u>02/27/2026</u>
Contract work days added this CO: <u>0</u>	New Date of Completion: <u>03/20/2026</u>

CITY OF VISALIA
315 East Acequia Avenue Visalia, CA 93291

CHANGE ORDER FORM
Riggin Avenue Widening Project Kelsey St to Shirk St

Change Order No.:	1	City Project No.:	3010-72000/CP0398-999
Submitted by:	Diego Corvera	Federal No.:	N/A
Date Submitted:	December 8, 2025	Purchase Order No.:	PO4217
Committee Review Date:	December 10, 2025	Package No. of Pages	5

We the undersigned contractor, have given careful consideration to the change proposed and agree to provide equipment, furnish materials, and perform the work specified, and will accept as full payment the prices shown above.

NOTE: If you do not sign this order, you are directed to proceed with the ordered work. You may file a Request for Information within the time specified.

CONTRACTOR ACCEPTANCE BY

Signature	Print Name & Title	Date
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SUBMITTED BY CONSTRUCTION MANAGER

Signature	Print Name & Title	Date
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APPROVAL RECOMMENDED BY PROJECT ENGINEER

Signature	Print Name & Title	Date
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ENGINEER APPROVAL BY SUPERVISOR/DEPART. HEAD

Signature	Christopher Crawford, City Engineer, for Jason Huckleberry Eng. & Bldg. Director	Date
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CHANGE ORDER COMMITTEE ACTION:

(note: Committee Chair to check appropriate action)

Approved:	<input type="checkbox"/>	Resubmit w/changes:	<input type="checkbox"/>
Approved w/revisions:	<input type="checkbox"/>	Denied:	<input type="checkbox"/>

Signature	_____, Committee Chair	Date
	Print Name & Title	



Agee Construction Corporation

Phone 559/299-3290

Fax 559/299-3503

License # 631980

PCO 04.1 - Water System Material Change

September 24, 2025

To: NV5

3330 W. Mineral King Ave. #B

Visalia, CA 93291

Attn: Kolton Walker

Agee Job #: **25-05**

Job Name: **Riggin Ave. Widening from Kelsey to Shirk**

Project No. 3010-72000 / CP0398-999

Cost proposal to complete the following work:

This cost proposal is to address the plan revision from California Water Service (CWS) received 7/31/25 changing the pipe material from PVC to Ductile Iron and adds (3) 12" gate valves, (1) irrigation service and (2) CL&C offsets.

	<u>Qty</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>
<u>Labor</u>				
Agee Traffic Control for (1) Irrigation Service Connected to (N) water main	1	LS	\$2,500.00	\$2,500.00
<u>Subcontractor</u>				
99 Pipeline - Bid Proposal	-1	LS	\$285,786.00	-\$285,786.00
Deduct Agee Bid markup	-1	LS	\$22,014.00	-\$22,014.00
99 Pipeline - Revised Scope Bid Proposal	1	LS	\$592,760.00	\$592,760.00
Add Agee 10% PCO markup	1	LS	\$59,276.00	\$59,276.00
Subtotal				\$346,736.00
Agee Markup 10%				(INCLUDED ABOVE)
TOTAL				<u><u>\$346,736.00</u></u>

Notes

1	1" Irrigation service located west of Clancy Ave that ties into (E) Water Main to be installed by CWS. Traffic control by others
2	(E) Water Valves to be lowered and raised by CWS. (N) Water Valves to be lowered and raised by 99 Pipeline Inc.
3	

Submitted By:

David Altstatt

David Altstatt

Agee Construction Corporation

City of Visalia - Submittal Review

- ☒ Accepted ☐ Revise & Resubmit
☐ Accepted w/Comments ☐ Denied
☐ Accepted w/Revisions

This review is for general conformance with the City of Visalia Standard Plans, Standard Specifications, and Contract Documents only. The contractor is responsible for confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating its work with that of all other trades; and performing its work in a safe and satisfactory manner. The City neither accepts nor assumes any liability for errors or omissions. Revisions or comments made during this review, or lack thereof, do not relieve the submitter from compliance with applicable National, State, or Local Codes, general industry standards of design, or the Contract Documents.

By: DS Date: 10/10/2025



BID PROPOSAL

Date: 3/4/2025
Bid No: 1

P.O. Box 71
Porterville, CA 93258
Ph: 559-781-0099 Fax: 559-781-5099

BID FOR: Agee Construction

JOB: Riggin Ave Widening

ITEM #	QUANTITY	DESCRIPTION	UNIT COST	TOTAL
		Miscellaneous		
1	1	Mobilization	4500.00	4500.00
		Mobilization Subtotal		4500.00
		Cal Water		
52	3	Fire Hydrants	14550.00	43650.00
53	2583	12" C900 DR18	92.00	237636.00
		Cal Water Subtotal		281286.00

Notes:

PRICES DO NOT INCLUDE:

Inspection Fees and Engineering

Compaction and Bacteria tests

Extra work and materials due to sandy soil

Heater remix

Camara Testing

Traffic Control

Slurry or concrete encasements unless specified included

No tree removal or trimming including root removal

No fencing of project or trenches. To be done by owner

No permanent fence removal or replacement

No removal or replacement of existing landscape

Total Bid Proposal \$285,786.00

Holding of Power, telephone, streetlight, or any other poles

No concrete removal or replacement

A) This proposal is good for (30) Days.

B) Dewatering of site is specifically excluded.

C) Owner to provide and maintain restroom facilities.

D) Permits, Testing, Survey and Staking not included.

E) This proposal excludes all work not specifically included.

F) This proposal will become a controlling part of any contract.

G) No Import/Export of Native Material unless specifically included.

H) All work will be performed as weather and local regulations allow.

I) All wages and based on non prevailing rates unless specifically noted.

J) Pricing based on completion in one move in/out unless otherwise stated.

K) Water and Water Source in close proximity to Job Site to be provided by owner.

L) Any unsuitable sub grade or unforeseen objects will be handled on a time and material base.

M) Proposal excludes any topical sealant, or striping of asphalt and concrete unless specifically included.

N) Final billing amount based on quantities stated on this proposal or field measurements, whichever is greater.

Items within this proposal cannot be separated or removed unless agreed to in advance by 99 Pipeline. Work contained herein is all inclusive.

O) All project schedules must be mutually agreed upon. 99 Pipeline, Inc. requires 15 days advance notice for scheduling of our work.

P) 99 Pipeline, Inc. will not be held responsible for any pooling of water on asphalt or concrete pavement if design slope is less than 1.5%.

Q) All invoices are due and payable 30 within days from invoice date. Interest will be applied to all invoices at the rate of 18% for any invoices paid after the 30 day expiration date.

R) Due to volatile oil prices, any asphalt placed 30 days after the date on this proposal will be subject to the Caltrans oil index.

Payment Adjustments for Price Index Fluctuations.

S) (1) Mobilization for each phase of construction listed above. Additional mobilizations will be billed at the rate of cost plus 15% per hour for all lowbed hours to mobilize/demobilize.

T) Any additional work not covered in this bid will be handled on a time and material, or change order basis. All costs will be agreed to in writing prior to any additional work being performed.

U) Prior to any work being scheduled, 99 Pipeline must have a signed copy of this proposal, or a fully executed contract with this proposal attached, and all necessary preliminary information on file in our office.

V) 99 Pipeline, Inc. will not be responsible for damage to any buried, or unmarked underground structures or man made improvements of any kind. Repairs to any such item will be at the owners expense.

W) 99 Pipeline, Inc. shall not be held liable for any impacts, delays, labor overruns, material overruns and/or cost overruns related to its work stemming from the current or any further flu epidemics, and/or COVID-19 as defined by the United States Centers for Disease Control and Prevention. 99 Pipeline, Inc. shall further be entitled to a change order for any and all time and costs associated with said epidemic(s).

X) Any contract or agreement resulting from this proposal will contain the following clause: Claims in dispute arising between the contractor

and subcontractor shall be resolved in the following manner. In the event an agreement cannot be reached within 45 days calendar days, either party has the right to have the issue submitted for arbitration/mediation. Any arbitration/mediation shall be conducted by any agree-upon provider of arbitration/mediation service who is on the list of alternate dispute providers for the County of Tulare.

Payment Terms:

A finance charge of 18% per month will be added to all past due accounts. The debtor agrees to pay all legal fees, court costs for collection or delinquent accounts and legal rate of interest for past due accounts.

Preliminary information below must be filled out prior to the start of work.

Job Number:	
Job Name:	
Job Address:	
City, State, Zip:	

Prevailing Wage: Federal or State (Circle)

Project Lender:	
Original Contractor:	
Bond Company:	
Bond Number:	
Owner:	



SCOPE CHANGE PROPOSAL

Date: 9/17/2025
Bid No: 1

P.O. Box 71
Porterville, CA 93258
Ph: 559-781-0099 Fax: 559-781-5099

BID FOR: Agee Construction

JOB: Riggin Ave Widening

ITEM #	QUANTITY	DESCRIPTION	UNIT COST	TOTAL
		Miscellaneous		
1	1	Mobilization	4500.00	4500.00
		Mobilization Subtotal		4500.00
		Cal Water		
52	3	Fire Hydrants	14550.00	43650.00
53	2583	12" Ductile Iron	184.00	475272.00
CO	3	12" Gate Valves	6925.00	20775.00
CO	3	Raise valves to grade	768.00	2304.00
CO	1	1" Irrigation water service with box no meter	5465.00	5465.00
CO	2	CL&C Offsets	20397.00	40794.00
		Cal Water Subtotal		588260.00
		Total Bid Proposal		\$592,760.00

Notes:

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Extra work and materials due to sandy soil

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Traffic Control

Slurry or concrete encasements unless specified included

No tree removal or trimming including root removal

No fencing of project or trenches. To be done by owner

- No permanent fence removal or replacement
- No removal or replacement of existing landscape
- Holding of Power, telephone, streetlight, or any other poles
- No concrete removal or replacement
- A) This proposal is good for (30) Days.
- B) Dewatering of site is specifically excluded.
- C) Owner to provide and maintain restroom facilities.
- D) Permits, Testing, Survey and Staking not included.
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- Q) All invoices are due and payable 30 within days from invoice date. Interest will be applied to all invoices at the rate of 18% for any invoices paid after the 30 day expiration date.
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- Payment Adjustments for Price Index Fluctuations.
- S) (1) Mobilization for each phase of construction listed above. Additional mobilizations will be billed at the rate of cost plus 15% per hour for all lowbed hours to mobilize/demobilize.
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Prevailing Wage: Federal or State (Circle)

Project Lender:	
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Bond Company:	
Bond Number:	
Owner:	

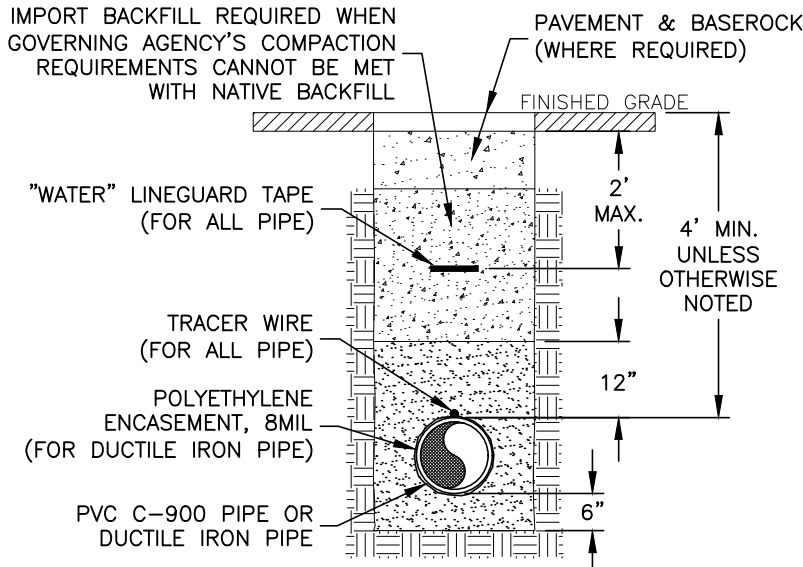
GENERAL NOTES:

- Inspection of all materials and installation for pipeline, hydrants and services must be made by California Water Service. Telephone: (559) 624-1650 at least 48 hours before starting work on water facilities.
- Contact Underground Service Alert at (800) 642-2444 at least 48 hours prior to the commencement of this project.
- Place a continuous wire and strip of detector tape over all pipe and extend up into all valve boxes. Tracer wire is required on all pipe.
- For details of typical thrust block installation, see latest revision of drawing CW-435.
- Protect underground flexible couplings, bare steel, MxMJ sleeves, and all bolts (including stainless steel) as follows:
 - The entire area of the fitting must be dry and free of dust, dirt, and other foreign matter. Rust or other foreign matter must be removed by scraping or wire brushing. Wiping with a dry clean cloth may be necessary to remove the particles from brush cleaning. Any oil or grease must be removed by using a low residue, volatile petroleum solvent before application of grease and wrapping.
 - The exposed area should be coated with a heavy coating of Metalguard 301 grease by the glove method to a thickness of at least 1/4".
 - Firmly wrap the entire grease area with one layer, half lapped of a woven glass filament mesh (Res or Bit Wrap, 4" wide).
 - Apply a second layer of Metalguard 301 grease on top of the glass filament by the glove method to a thickness of at least 1/4".
 - Firmly wrap the entire grease area with a second layer, half lapped of the woven glass filament mesh.
 - Cover the entire mesh wrapped area of the fitting with a third and final coating at least 1/4" thick of Metalguard 301 grease by the glove method.
 - Firmly apply 2 layers of polywrap, half lapped over all areas of the coated and wrapped fitting. Backfilling may follow immediately after this wrapping.
- No valve covers or meter boxes are to lie in sidewalks, cross gutter, curb or driveways. Each service should also be located to provide protection to the meter box from auto traffic and parking.
- The exact location of each service to be determined at the time of installation to avoid conflicts with other utilities. Therefore, the number of long, short and split services may vary. Preferred CWS location to be staked and installed by developer's engineer. Any relocations after installation will be at developer's expense.
- Services shall be installed at least 10 feet horizontally from sewer laterals and at least 4 feet horizontally from any storm drain structure.
- Location of blow-off in new street area will terminate where street improvement ends.
- Services installed across street area will need import backfill when government agency's compaction requirements cannot be met with native backfill.
- It is the responsibility of the contractor to verify the exact location and depth of all existing and proposed facilities prior to water main installation.
- The list of materials for this project is for CWS estimating and reference purposes only and is not intended as a full take-off of material required.
- This water plan design is based on incomplete and unapproved improvement plans. Therefore, sewers, storm drains and street grading conflicts may occur.
- Contractor to ensure air in the pipeline is removed using existing outlets, such as fire hydrants and blowoffs. Contractor is responsible for installing air releases if existing outlets are insufficient.
- Facilities separation:
 - Water main shall be installed at least 10 feet horizontally from and one foot vertically above any parallel pipeline conveying sewage (untreated, primary, or secondary), disinfected secondary recycled water, or hazardous fluids. Center a full nominal laying length of pipe at crossings.
 - Water main shall be installed at least 4 feet horizontally from and one foot vertically above any pipeline conveying tertiary recycled water or storm drainage.
 - At crossings, water main shall be constructed no less than 45-degrees to and at least one foot vertically above any pipelines indicated in A and B above.
 - No connection joints shall be made in the water main within eight (8) horizontal feet of crossing any pipelines indicated in A and B above.
 - Water main shall not be installed within 100 horizontal feet of any sanitary landfill, wastewater disposal pond, or hazardous waste disposal site.
 - Water main shall not be installed within 25 horizontal feet of any cesspool, septic tank, sewage leach field, seepage pit, underground hazardous material storage tank, or groundwater recharge project site.
 - Water main, fire hydrants, fire services and meter boxes shall be installed at least 5 feet horizontally from any dry utilities and structures.

- The minimum separation distances set forth in this section shall be measured from the nearest outside edge of each pipe barrel.
- All work shall comply with Cal Water specifications for materials, installation, disinfection and destruction per latest revision drawing CW-832.
 - Trench backfill and paving shall conform to trench section details and all governing agency requirements.
 - Any easements and rights-of-way which may be necessary or reasonably appropriate for the extension will be conveyed or caused to be conveyed by the applicant.
 - ⊙ = Indicates fire hydrant (Visalia)
- Limits of CWS ownership for each hydrant:
- 1 - 6 Inch Fire Hydrant. (See Below)
 - 1 - 6 Inch Outlet Tee PO, DI
 - 1 - 6 Inch Gate Valve PO
 - 3 - 6 Inch Restraint PO Gaskets
 - 1 - Valve Casing & Cover Assembly
 - +/- 10 Feet of 6 Inch Ductile Iron Pipe
 - 1 - 6x42 Inch Fire Hydrant Bury FLOxMJ
 - 1 - 6x12 Inch Fire Hydrant Extension
 - 1 - Set 3/4" x 3-1/2" #304 SS Bolts & Nuts, and Gaskets for Hydrant
 - 1 - Set 3/4" x 3-1/2" SS Bolts & Nuts, and Gaskets for Hydrant Break-off
- Polywrap Tubing, PVC Tape, Line Guard and Misc. Coating Material.
- IF FIELD CONDITIONS OR FIRE PROTECTION AGENCY REQUIRE AN ALTERNATIVE INSTALLATION, THE OUTLET TEE AND GATE VALVE MAY BE REPLACED WITH:
- 1 - 6 Inch Outlet Tee PoxFLG, DI
 - 1 - 6 Inch Gate Valve FLOxPO
 - 1 - 6 Inch Gasket for Flanged Joint
 - 1 - Set 3/4" x 3-1/2" #304 SS Bolts & Nuts, and Gaskets

- FIRE HYDRANT:**
- Residential: CLOW 950 2-1/2 & 4-1/2
Commercial: CLOW 960 (2) 2-1/2 & 4-1/2
- (The fire chief will make the final choice of fire hydrant head with Cal Water approval.)
- A break-off check valve may be required if specified by district personnel. Use Clow Model LB400 or approved equal.

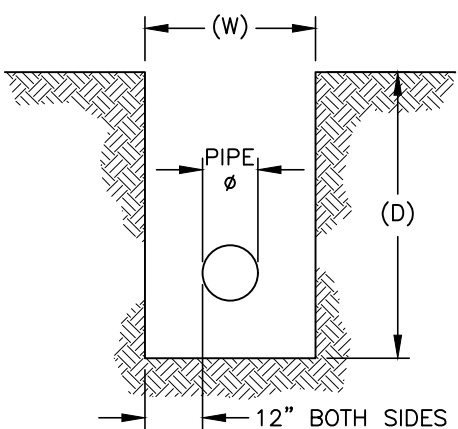
- PROJECT SPECIFIC NOTES**
- This extension is contingent upon an utility encroachment permit from the City of Visalia.
 - Use PVC 1"± deflection and 5"± deflection with high deflection couplings to achieve proper radius for curves and proper angles for ell. Do not deflect pipe at fittings.



- NOTE:
- ALL EXCESS SPOIL IN TRACT IS TO REMAIN TRENCHSIDE AND ALL EXCESS SPOIL OFF TRACT IS TO BE REMOVE.
 - ALL VALVE CASINGS AND COVERS SHALL BE RAISED TO FINISHED GRADE AFTER PERMANENT PAVEMENT HAS BEEN PLACED.

TRENCH CROSS SECTION

N.T.S.



TRENCH NOTES FOR TIE-IN (FOR STRAIGHT TIE-IN ONLY)

TRENCH WIDTH (W) SHALL BE ONE PIPE DIAMETER PLUS 12" ON EACH SIDE OF THE PIPE. (E.G. A 6" OR 8" MAIN REQUIRES A 30" TRENCH).

TRENCH LENGTH (L) SHALL BE 14" (MIN). (10' FOR TIE-IN PLUS 2' EXPOSURE OF EXISTING AND NEW MAINS).

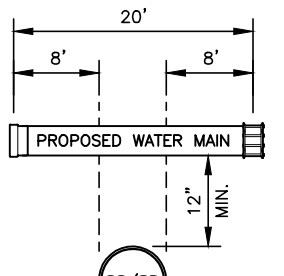
TRENCH DEPTH (D) SHALL BE 12" (MIN) BELOW BOTTOM OF MAIN.

DEVELOPER'S CONTRACTOR SHALL PROVIDE TRENCH SHORING PER OSHA STANDARDS.

DEVELOPER'S CONTRACTOR SHALL BE RESPONSIBLE FOR EMBEDMENT BACKFILL, TRENCH BACKFILL, COMPACTION TO REQUIREMENTS, AND FINAL PAVEMENT RESTORATION.

CROSSING (TYPICAL)

- USE SOLID STICK OF PIPE CENTERED.
- NO CONNECTION JOINTS SHALL BE MADE IN THE WATER MAIN WITHIN EIGHT (8) HORIZONTAL FEET OF THE CROSSING.
- MINIMUM ONE FOOT (1') VERTICAL SEPARATION BETWEEN TOP/BOTTOM OF MAIN AND TOP/BOTTOM OF SS/SD.
- MINIMUM 2.5' OF COVER TO ALSO BE MAINTAINED IF CROSSING ABOVE UTILITY.

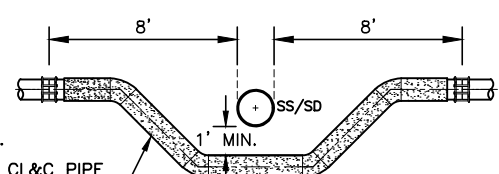


TYP. SEWER & STORM DRAIN CROSSINGS

SCALE: N.T.S.

CROSSING WITH CL&C DOUBLE OFFSET (TYPICAL)

- CL&C DOUBLE OFFSETS LENGTH VARIES. SEE DWG. QW-993 FOR DIMENSIONS.
- ALL OFFSETS ARE DESIGNED TO MEET EIGHT FOOT (8') HORIZONTAL FEET FROM CROSSING.
- MINIMUM ONE FOOT (1') VERTICAL SEPARATION BETWEEN TOP OF MAIN AND BOTTOM OF SS/SD.



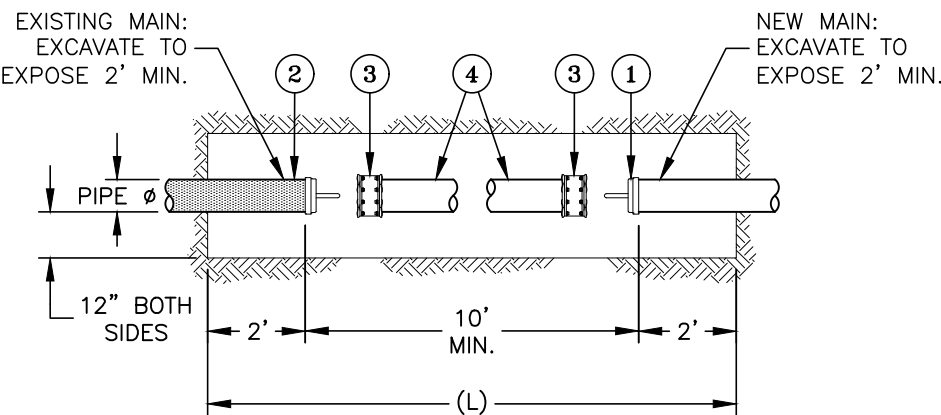
TYP. SEWER & STORM DRAIN CROSSINGS

SCALE: N.T.S.

CALIFORNIA WATER SERVICE

NEW BUSINESS PROJECT
RIGGIN WIDENING
FROM KELSEY ST TO SHIRK ST

NOTE: IF UNFORESEEN CIRCUMSTANCES OR FIELD CONDITIONS ARISE THAT REQUIRE ALTERNATE OR ADDITIONAL MATERIALS FOR THE TIE-IN TO THE EXISTING SYSTEM, THE DEVELOPER'S CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THIS MATERIAL TO THE COMPANY TO COMPLETE THE TIE-IN.



TIE-IN DETAIL "A"
(FOR 2 LOCATIONS)

N.T.S.

- DEVELOPER'S CONTRACTOR SHALL INSTALL NEW MAIN AND ADJUST FROM NOMINAL LINE AND GRADE TO MATCH EXISTING FACILITIES AT THIS LOCATION. THE DEVELOPER'S CONTRACTOR SHALL INSTALL A TEMPORARY CAP AND BLOWOFF AT THIS LOCATION.

CALIFORNIA WATER SERVICE WILL TIE THE NEW MAIN FROM THIS LOCATION.

- EXISTING MAIN, 12" DUCTILE IRON PIPE

THE DEVELOPER'S CONTRACTOR SHALL PROVIDE CALIFORNIA WATER SERVICE WITH THE FOLLOWING MATERIALS FOR THE TIE-IN IT WILL MAKE AT NORTH SHIRK STREET.

- 1 - 12" SOLID SLEEVE MJ, 10" SLEEVE (2 TOTAL)

- 10" - 12" DUCTILE IRON PIPE

NOTE: IN ADDITION, THE DEVELOPER'S CONTRACTOR SHALL PROVIDE: MISC. MATERIAL AND EXCAVATION EQUIPMENT (I.E. EXCAVATOR/BACKHOE) REQUIRED TO COMPLETE THE TIE-IN SUCH AS, BUT NOT LIMITED TO: PROTECTION COATING MATERIAL FOR PIPE & FITTINGS, LINEGUARD TAPE, CONCRETE FOR THRUST BLOCKS, EMBEDMENT BACKFILL AROUND AND OVER THE PIPE, FINAL BACKFILL TO MEET COMPACTION REQUIREMENT, PAVEMENT REPLACEMENT AND EQUIPMENT NECESSARY TO FACILITATE THE TIE-IN INCLUDING BUT NOT LIMITED TO EXCAVATION & DE-WATERING.

PIPELINE CROSSING INFORMATION

AT WATER MAIN CROSSINGS IN CONFLICT WITH OTHER FACILITIES: When the water main is in conflict with existing facilities or proposed facilities that require more than a 2 foot adjustment from the nominal 4 feet of cover, a fabricated steel cement mortar lined and cement mortar coated offset will be installed at the crossing per CWS standards.

* DENOTES CL&C OFFSET & PIPE REQUIRED

- FINISHED GRADE ELEV. = 302.1
2 - 12" STORM DRAIN INVERT ELEV. = 295.4
INSTALL 12" DI OVER 12" SD w/ 3.4' COVER.

- FINISHED GRADE ELEV. = 302.3
8" SANITARY SEWER INVERT ELEV. = 289.5
INSTALL 12" DI OVER 8" SS w/ 4' COVER.

- FINISHED GRADE ELEV. = 303.8
18" STORM DRAIN INVERT ELEV. = 300.1
INSTALL 14" CL&C DOUBLE OFFSET UNDER 18" SD w/ 5.2' COVER.
PC. MK. "X" PER DWG. CWT-579.

- FINISHED GRADE ELEV. = 304.2
2 - 15" STORM DRAIN INVERT ELEV. = 297.7
PROTECT EX. 12" DI MAIN IN PLACE w/ 0.5' OF SEPARATION

- FINISHED GRADE ELEV. = 302.2
10" SANITARY SEWER INVERT ELEV. = 290.7
PROTECT EX. 12" DI MAIN IN PLACE

- FINISHED GRADE ELEV. = 301.9
2 - 12" STORM DRAIN INVERT ELEV. = 296.5
INSTALL 14" CL&C PIPE UNDER 12" SD w/ 6.6' OF COVER
PC. MK. "X2"

- FINISHED GRADE ELEV. = FIELD VERIFY
ELECTRIC LINE INVERT ELEV. = FIELD VERIFY
INSTALL 12" DI/PVC OVER w/ 2.5' MIN. COVER & 1' MIN. SEPARATION OR UNDER w/ 4' COVER & 1' MIN. SEPARATION.

LEGEND:

TO BE ABANDONED

- GAS ---
- TP ---
- FO ---
- OH ---
- E ---
- COMM ---
- SD ---
- SS ---

WATER LINE

- CENTER LINE/ ROW ---
- EASEMENT (PROPOSED) ---
- EASEMENT (EXISTING) ---
- RETAINING WALL ---

APN = ASSESSORS PARCEL NUMBER

FL = FLOW LINE

EOP = EDGE OF PAVEMENT

⊙ = ELECTRICAL MANHOLE

⊙⊙ = STORM DRAIN MANHOLE

⊙⊙⊙ = SEWER MANHOLE

⊙ = TELECOM MANHOLE

⊥ = TEE

⌋ = ELBOW, 45°

⌋ = ELBOW, 90°

⊗ = BLOWOFF (PROPOSED)

⊗ = BLOWOFF (EXISTING)

⊙ = GATE VALVE (PROPOSED)

⊙ = GATE VALVE (EXISTING)

⊥ = REDUCER (PROPOSED)

⊥ = REDUCER (EXISTING)

⊥ = SOLID PLUG

⊙ = FIRE HYDRANT (PROPOSED)

⊙ = FIRE HYDRANT (EXISTING)

⊙ = BUTTERFLY VALVE

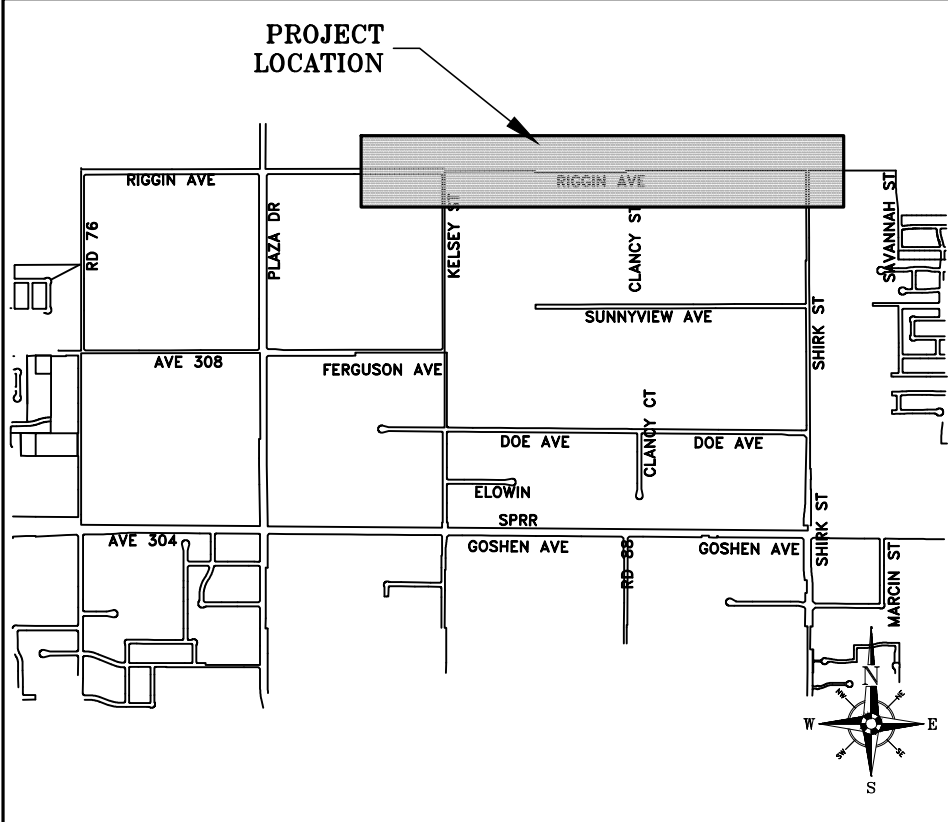
⊙ = CHECK VALVE

⊙ = FLEX CPLG.

⊙ = WATER METER (PROPOSED)

⊙ = WATER METER (EXISTING)

811
Know what's below.
Call before you dig.



VICINITY MAP

Not to Scale

ENGINEERING



DEPARTMENT

REVISIONS:

NO.	DATE	DESCRIPTION

DISTRIBUTION ☒ MAP ☒ PLAT ☒ SYSTEM SCHEMATIC ☐ STATION SCHEMATIC ☐

PLAT SHEET NO.:

VIS 24-26 & 24-27
SCALE:

NONE
DRAWN BY:
H. CONTRERAS
DESIGNED BY:

F. CEJA
TECH REVIEW: DATE:

CHECKED BY: DATE:
6/6/2025

APPROVED BY: DATE:
6/6/2025



BILL OF MATERIALS

12" MAIN

- 2600'-12" DUCTILE IRON PIPE
- 2880'-LINEGUARD TAPE
- 2880'-TRACER WIRE #12AWG SOLID COPPER
- W/45 MILS HMWPE INSULATION
- 3930'-POLYWRAP TUBING F/12" PIPE
- 35'-POLYWRAP TUBING F/DI FITTINGS
- 33'- RLS PVC TAPE (100' ROLL)
- 3-12" GATE VALVE PO
- 3-VALVE CASING & COVER ASSY
- 4-12" ELL. 45° PO
- 14-12" RINGS F/PO FITTINGS

(2) TIE-IN MATERIALS PER DETAIL "A"

SERVICES

- 1-1" IRRIGATION SERVICE W/ 1" METER
- 1-1" IRRIGATION SERVICE W/ 1" METER OFF EX. MAIN
- TYPICAL MATERIALS PER DWG. CW-555 & 1029 (1")

PLEASE CONTACT CAL WATER DISTRICT REPRESENTATIVE AND LOCAL CROSS-CONNECTION SPECIALIST TO ENSURE THAT ALL SERVICES ARE IN COMPLIANCE WITH CROSS-CONNECTION CONTROL REGULATIONS SET FORTH IN CPUC RULE 16 AND SWRCB CROSS-CONNECTION CONTROL POLICY HANDBOOK.

FIRE HYDRANTS

- 3-6" FIRE HYDRANT
- 3-12"x6" TEE PO w/ (1) 6" RESTRAINT GASKETS & (2)-12" RINGS
- 3-6" ELL 90° PO w/ RESTRAINT GASKETS
- SEE NOTE #19 F/TYPICAL MATERIALS

CL&C OFFSETS & PIPES

- 2-14" OD CL&C DOUBLE OFFSET, PC. MK. "X & X2"
- 4-14" OD STLX13.2"DI FLEX COUPLINGS, 10" SLEEVE

WHEN ASSEMBLING A PVC C-900 PIPE TO AN IRON FITTING (PUSH-ON OR MECHANICAL JOINT), REMOVE ALL BUT 1/4 INCH OF THE FACTORY MADE BEVEL FROM THE SPIGOT END OF THE PIPE PRIOR TO INSTALLATION.

SUMMARY

WORK BY CWS

- 2600' - 12" DUCTILE IRON PIPE (PAID BY CWS)
- 1 - 1" IRRIGATION SERVICE
- 3 - 6" FIRE HYDRANT (PAID BY CWS)
- 2 - 14" CL&C DOUBLE OFFSET, PC. MK. "X & X2" (PAID BY CWS)
- 2 - TIE-IN TO EX. 12" MAIN PER DETAIL "A" (PAID BY CWS)
- 1 - 1" IRRIGATION SERVICE OFF EX. MAIN



CEMENT MORTAR LINED & COATED STEEL
DOUBLE OFFSET WITH 45° ELBOWS

NEW BUSINESS PROJECT
RIGGIN WIDENING
FROM KELSEY ST TO SHIRK ST

TITLE:

DISTRICT:

VISALIA

120

DATE:

03-05-2025

PROJECT ID:

00129573

DRAWING NO.:

VIS-6641 R1

SHT 1 OF 2

ENGINEERING



DEPARTMENT

REVISIONS:	

DISTRIBUTION	<input checked="" type="checkbox"/>	DATE:	INT:
PLAN SHEET	<input checked="" type="checkbox"/>		
SYSTEM SCHEMATIC	<input type="checkbox"/>		
STATION SCHEMATIC	<input type="checkbox"/>		

PLAT SHEET NO.:

VIS 24-26 & 24-27

SCALE:

1" = 60'

DRAWN BY:

H. CONTRERAS

DESIGNED BY:

F. CEJA

TECH REVIEW:

CHECKED BY:

6/6/2025

APPROVED BY:

6/6/2025



NEW BUSINESS PROJECT
RIGGIN WIDENING
FROM KELSEY ST TO SHIRK ST

TITLE:

DISTRICT:

VISALIA

120

DATE:

03-05-2025

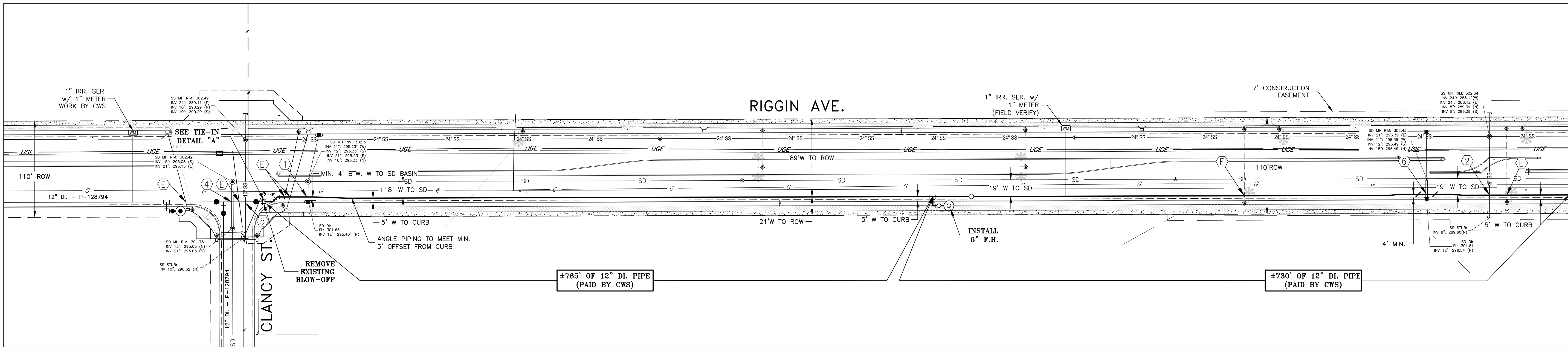
PROJECT ID:

00129573

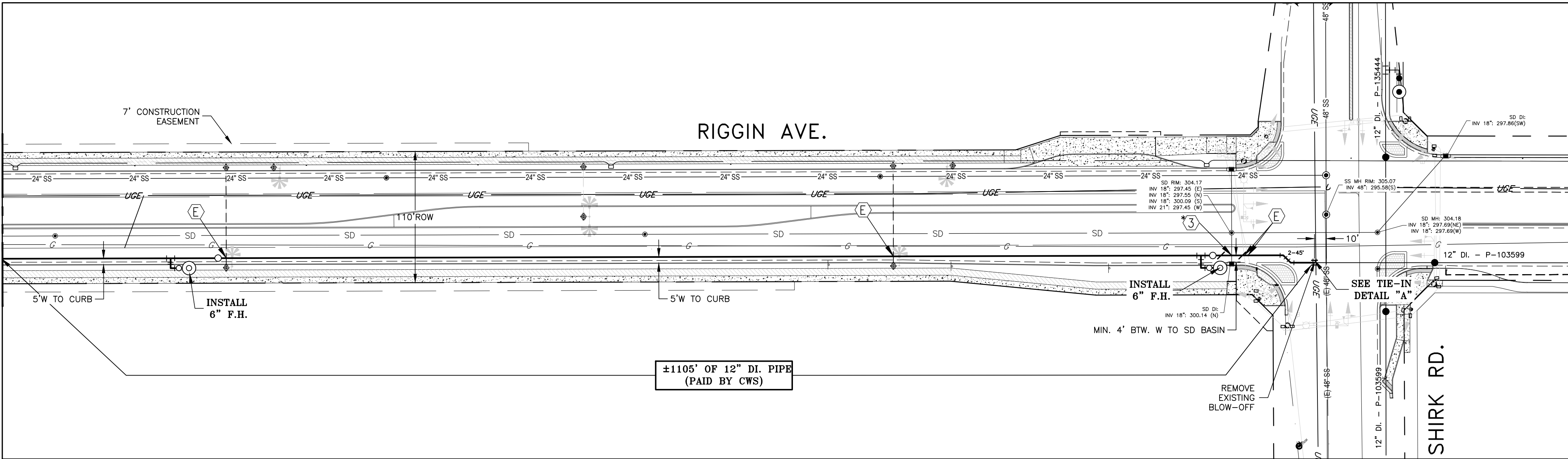
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VIS-6641 R1

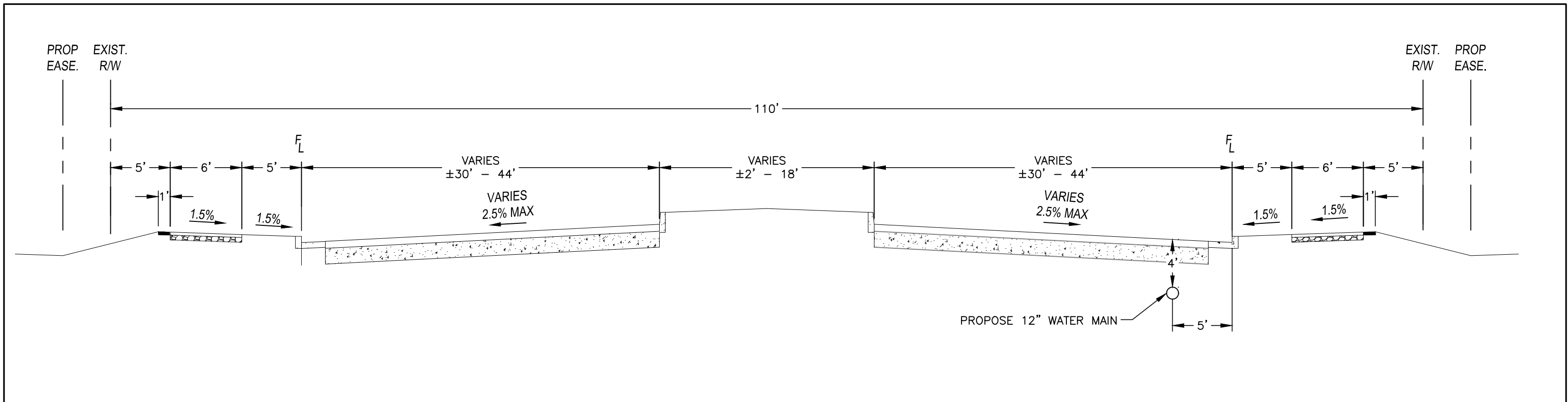
SHT 2 OF 2



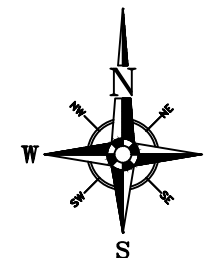
MATCH LINE A-A
THIS SHEET



MATCH LINE A-A
THIS SHEET



RIGGIN AVE. CROSS SECTION
Not to Scale





CALIFORNIA WATER SERVICE

Visalia District 216 North Valley Oaks Drive
Visalia, CA 93292 Tel: (559) 624-1600

June 30, 2025

City of Visalia

RE: Riggen Widening Shirk to Kelsey.

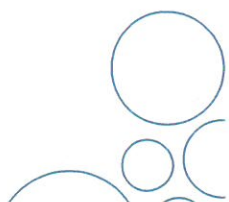
The estimated cost of this widening project in Visalia is \$ 656,645.00. Of this cost, CWS will be paying \$644,474.00; the City of Visalia's portion is \$14,606.00. The remaining balance due is \$9606.00. The original deposit of \$5000.00 has been deducted from the total due.

Please submit your \$9606.00 check to California Water Service at 216 N. Valley Oaks Drive, Visalia, CA 93292. Attention: Allison Schackmann.

Upon completion of the work, an adjustment will be made to any difference between the estimated installation and income tax cost (amount deposited) and the actual cost of the work. Should it be necessary to make the main connection/installation after hours or on a weekend, it may result in a cost overrun. The difference will be refunded to the applicant if the actual cost is less than the amount deposited. **The applicant will be invoiced for the difference if the actual cost exceeds the amount deposited.** California Water Service will own the facilities installed.

If additional sources of water supply, irrigation service, and/or multiple services are on the property section I, page I-4 of the State of California Health and Welfare Agency Guidance Manual for Cross Connection Control states that "The water user (property owner or consumer) has the primary responsibility to keep contaminants out of the potable water system. This responsibility begins at the user connection and includes any and all water distribution piping on the premises. If a cross connection or the potential for a cross connection exists, the water user shall install, have tested, and maintain backflow preventers at his own expense as directed by the water supplier or the health agency. The water user should be careful not to create cross connections when modifying his plumbing system."

All services requiring backflow devices per Rule 16 will be installed directly behind our meters. Attached are "Backflow Prevention Assembly Test Reports." Please complete the forms and return them to our office after the initial testing. The devices must be tested upon installation and annually thereafter. If you have any questions regarding backflow, please get in touch with our Cross Connection Control Specialist, Juan Cisneros, at Jcisneros@calwater.com or 559-618-0936.





CALIFORNIA WATER SERVICE

If an easement(s) is required, it is the developer's responsibility to write the easement description along with a plat drawing and submit it to California Water Service Company for review and approval. Once approved, the written description must be on our "Right of Way for Pipeline" form.

The applicant is responsible for marking any easements, right-of-way, or property lines in the field.

Please indicate your acceptance of the foregoing terms and conditions by signing at the bottom this letter, returning one copy to this office with the required balance due deposit. Since pipes and other materials may not be readily available at short notice, we recommend contacting us at your earliest convenience. The estimate is submitted as preliminary information only. Estimated costs, therefore, expire 30 days after the date of issue.

Should you have any questions or need additional information, please call 559-624-1689.

Sincerely,

Allison Schackmann

Allison Schackmann
Superintendent

Attachments
W-9's

Project #00129573

Applicant's Acceptance


(Signature)

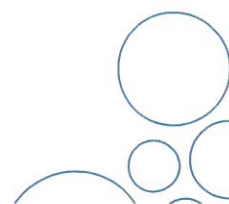
Diego Corvera
(Print Name)

City of Visalia
(Company)

10/10/25
(Date)

559-713-4209
(Phone number)

Agce Construction
(On Site Contractor Contact Name, Phone # & Email)



CALIFORNIA WATER SERVICE COMPANY - ENGINEERING DEPARTMENT
DETAILED COST ESTIMATE *RELOCATION*

District: VISALIA

Description of subdivision, tract or properties to be served: RIGGIN WIDENING-SHIRK TO KELSEY

California P.U.C Land Use Classification:

15-D

REVISION 1

Total length of :

2600 ft. of Ductile Iron pipe -Paid By CWS 12 in \$536,047

1	Irrig Services		\$6,086
1	Irrig Services -Work By CWS		\$6,086
3	Fire Hydrant Conn. -Paid By CWS		\$54,400
2	CL&C Dbl. Offsets -Paid By CWS	PC. MK. "X" and "X2"	\$39,247
2	Special -Paid By CWS	Tie-in to ex.Per Detail "A". w/Wrk by C	\$14,159
	Special Facility Fee For Water Supply	n/a	\$0
	Special Facility Fee For Transmission Main	n/a	\$0
	Sub Total 1		\$656,645
	Cost by CWS Co.		(\$644,474)
	Sub Total 2		\$12,172
	Estimated Federal C.I.A.C. Tax		\$1,826
	Estimated State C.I.A.C Tax		\$609
	Total Estimated Cost		\$14,606
	Advance Deposit		(\$5,000)
	Total Balance Due		\$9,606

REMARKS:

1. The total estimated cost is based on the installation of facilities by California Water Service Company as shown on the drawing listed above.
2. The estimate is subject to acceptance by applicant within thirty days hereof.
3. All excess spoil IN TRACT is to remain trenchside and all excess spoil OFF TRACT is to be removed.
4. Federal tax factor of 15% and State tax factor of 5% is applied to domestic and irrigation services only.



6/17/2025

Cris Rosete, Manager of Engineering Distribution