



ADDENDUM A – SUBCONTRACTOR BID DEADLINE

Please be advised that **Kern County has changed the official bid date** for the **Building and Site Improvements at 6741 Downing Ave., Bakersfield, CA** to **September 2, 2026, at 11:00 AM**, as reflected in the attached **Kern County Addendum No. 7**.

SUBCONTRACTOR BID DEADLINE: Sep 1, 2026, AT 4:00 PM

Due to the additional documentation required for this project, **all subcontractor proposals must be submitted to us no later than September 1, 2026, at 4:00 PM**, one day prior to the official bid date.

All proposals and required documents must be submitted via email to:
estimating@amgassociatesinc.com

Subcontractors bidding on this project are required to submit the following documents with their proposal:

- 1. County of Kern Bidder List**
- 2. Non-Collusion Declaration**

Please submit your proposal **and both required documents** by the subcontractor deadline above in order for your proposal to be considered.

Attached you will find **Kern County Addendum No. 7** for your review.

NOTICE TO CONTRACTORS BIDDING THIS PROJECT

The bidder is advised that there have been changes made to the specifications for the following project:

Project Title: Building and Site Improvements at 6741 Downing Avenue, Bakersfield, CA

Contract No: 26016

Bid Opening Date: September 2, 2026

ADDENDUM No. 7

1. CHANGES TO SPECIFICATIONS

- a. All references to bid opening date of August 26, 2026 in the Special Provisions are changed. The new bid opening date is September 2, 2026.



Joshua R. Champlin, Director
Public Works Department

Please sign one copy of this addendum and include it with your bid to the Public Works Department as provided in the Notice to Contractors. Failure to submit, with your bid, a signed copy of each and every addendum for a project will be grounds for finding the bid unresponsive.

Contractor

Signature

Date

COUNTY OF KERN BIDDERS LIST

All bidders are required to provide the following information for all DBE and non-DBE contractors, who provided a proposal, bid, quote, or were contacted by the prime. This information is also required from the proposed prime contractor, and must be submitted with their bid. The County will use this information to maintain and update a "Bidders" List to assist in the overall annual goal DBE goal setting process.

Firm Name: _____ Phone: _____

Address: _____ Fax: _____

Contact Person: _____ No. of Years in Business: _____

Email Address: _____

Is the firm currently certified as a DBE under the new regulations (49 CFR Part 26)?

Yes _____ No _____

Type of work/services/materials provided by firm: _____

Gross Annual Receipts _____

This form may be duplicated, if necessary, to report all bidders (DBE's and non-DBE's) information.

(FORM TO BE SUBMITTED WITH BID FOR PRIME AND ALL LISTED SUBCONTRACTORS)

NON-COLLUSION DECLARATION

PUBLIC CONTRACT CODE SECTION 7106

NON-COLLUSION DECLARATION TO BE EXECUTED BY CONTRACTOR/SUBCONTRACTOR AND
SUBMITTED WITH BID

_____,
(Name of Principal of Contractor/Subcontractor)

says that I am the _____
(Office of Affiant)

of _____, the party
(Name of Bidder)

making the foregoing Bid. The Bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The Bid is genuine and not collusive or sham. The Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham Bid, and has not directly or indirectly colluded, conspired, connived or agreed with any bidder or anyone else to put in a sham Bid, or to refrain from bidding. The Bidder has not in any manner, directly or indirectly, sought by agreement, communication or conference with anyone to fix the Bid price of Bidder or any other bidder, or to fix any overhead, profit or cost element of the Bid price, or of that of any other bidder, or to secure any advantage against Owner, or anyone interested in the proposed contract. All statements contained in the Bid are true. The Bidder has not, directly or indirectly, submitted its Bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, Bid depository, or to any member or agent thereof to effectuate a collusive or sham Bid, and has not paid, and will not pay any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____[date], at _____[city], _____[state].

(Name of Bidder)

(Signature of Principal)

PRIME AND ALL SUBCONTRACTORS MUST SUBMIT THIS FORM

END OF NON-COLLUSION DECLARATION

CONTRACT 26016

Building and Site Improvements at 6741 Downing Avenue, Bakersfield, CA

Bidder's Request for Information Responses #12

August 17, 2026

Inquiry #1

Please see the attached information for the RFI regarding the insulated metal roof panels. We would like to get these approved for bidding. Please let me know if you need any additional information or documentation to assist with your review.

Reply #1

This product is an approved alternate. Material and finish shall match original plan specification.

Inquiry #2

Reply #8 in RFI Response #9 and reply #6 in RFI Response #10 both state to refer to the specifications for the details of the lockers. However, the specification section does not provide information on the height and number of bays per column for the locker construction; the drawings only state the size of the lockers (18" x 18"), and the specification section provides parameters for material thicknesses and such, but no information on the overall height of the lockers (e.g. 72 inches tall, which would be 4 lockers per column). Please clarify.

Reply #2

The overall height of the lockers will be 78" tall. There will be two lockers per column. This information was added to the technical specifications under addendum #6.

Inquiry #3

Per the street improvement plans, Where are we getting the power from for the new street lights?

Reply #3

Please see Plate No. R-76 on sheet ST07. The street lights will be connected directly to the utility service.

Inquiry #4

Per Previous RFI's There are no solar Lights, per bid item 15 are we just to include all site lighting under this item not including the street improvements street lights?

Reply #4

Bid Item #15 was revised to "Pole-Mounted Site Lighting" under addendum #5. The street lights located in the street improvements shall be included under Bid Item #15. Street lights located within the street improvements shall be per county standards located on sheet ST07.

Inquiry #5

Please identify the locations of the 4 dual EV Chargers and the 8 EV pedestals with receptacles. The plans are only showing 11 locations total and 2 locations with power going to J-boxes. Please clarify.

Reply #5

There are no pedestals with receptacles. These were revised to be named "EV Capable Parking Stalls" in the Bid Item List. These stalls will have a conduit that terminates at a traffic rated pull box. Please see sheet A100B in addendum #5 for all EV Capable stall and EV charging station locations.

Inquiry #6

From the question and answers from RFI #11 question and reply #7 leaves some of the questions unanswered.

So, to clarify where the takeoff of materials needs to start, using your reply as a basis of to go buy Clarification is needed to the location(beginning) of scope for the onsite fire protection line.

"IF THE WORDING ON THE PLAN SHEET C5 SAYS "SEE CAL WATER PLANS"

So, is this portion of the job not included in the current contract being quoted? The confusion from contractors quoting this is coming in as "why the ductile iron pipe, valves etc. are not quoted on Downing ave but you have a hydrant quoted on Wear St."

Knowing Cal Water does the hot taps. I did not quote the hot tap materials and meters because the "contractor connection point" is after the meters. Your reply to the previous RFI is that the Cal water reference is the basis of materials not to be included in this portion of contract?

So, this area of the quote will be covered on the Cal water portion with their plans being the basis of that quote.

Stating the plans that will be provided to the awarded contractor might cause a little confusion on the overall scope & responsibility.

The Connection points should be clarified as the Cal water lines are still drawn as proposed new lines for this project and nowhere is it called out as to this will be provided by others or separate contract and is not uncommon for this to be installed at this point, if not already installed.

Reply #6

The Cal Water plans shall be made available to all bidding contractors. The scope of work for the general contractor shall be limited up to the site contractor point of connections shown on sheet C5A in addendum #5. All work shown on the Cal Water plans shall be completed by Cal Water themselves and shall not be part of the general contractor's scope of work. The fire hydrant installation shall be part of Cal Water's scope of work.

Inquiry #7

STARTING POINT – FIRE LINE ONSITE DOWNING AVE IS TO START WHERE THE CALLOUT "CONTRACTOR POINT OF CONNECTION"

Will the Contractors will be providing & installing Materials After the tee from the 8" DI pipe crossing Downing Ave starting with the connect to stub out of tee, the 8" DDC and 8" C900 pvc pipe? The hydrant will be provided on the Cal water portion of the design and future contract.

So will This also effectively eliminate all the ductile pipe on Downing ave, 12" and 8" & associated appurtenances from this portion of:

Contract /Ref# 26016 proposal for

Construction Of Building and Site Improvements At 6741 Downing Avenue, Bakersfield, Ca

Reply #7

The work shown on sheet C5A in addendum #5 including the 8" DR18 C900 PVC fire water line shall be part of the contractors scope of work. All work past the site contractor point of connection shall be part of Cal Water's scope of work. This shall include the fire hydrant and all other work shown on the Cal Water plans. The Cal Water plans shall be made available to all bidding contractors.

Inquiry #8

CONNECTION POINT FOR DOMESTIC WATER & LANDSCAPING FEED ON WEAR ST.

With "points of connections " basis of responsibility for the contractor, the domestic services & landscaping starting points, materials and labor, it is assumed is Cal water will be providing the hot taps and service boxes as shown on the plans?

AND,

A little further to the south is a cut in Fire hydrant that I assume the contractor will be providing since there is No reference to "see Cal Water plans " or connection point. This fire hydrant is in the site's scope to be quoted.

There are financial responsibilities and this is the reason we are reaching out for this clarification.

Reply #8

Cal Water shall provide all hot taps and fire hydrants. These items shall not be part of the scope of work of the general contractor.

GENERAL NOTES:

- Inspection of all materials and installation for pipeline, hydrants and services must be made by California Water Service. Telephone: (661) 832-2141 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 BR 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 dechlorination 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 (Bakersfield)

- Limits of CWS ownership for each hydrant:
- 6 Inch Fire Hydrant. (See Below)
 - 6 Inch Outlet Tee PO, DI
 - 6 Inch Gate Valve PO
 - 6 Inch Restraint PO Gaskets
 - Valve Casing & Cover Assembly
 - 10 Feet of 6 Inch Ductile Iron Pipe
 - 6x42 Inch Fire Hydrant Bury FLOxMJ
 - 6x12 Inch Fire Hydrant Extension
 - Set 3/4" x 3-1/2" #304 SS Bolts & Nuts, and Gaskets for Hydrant
 - 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:

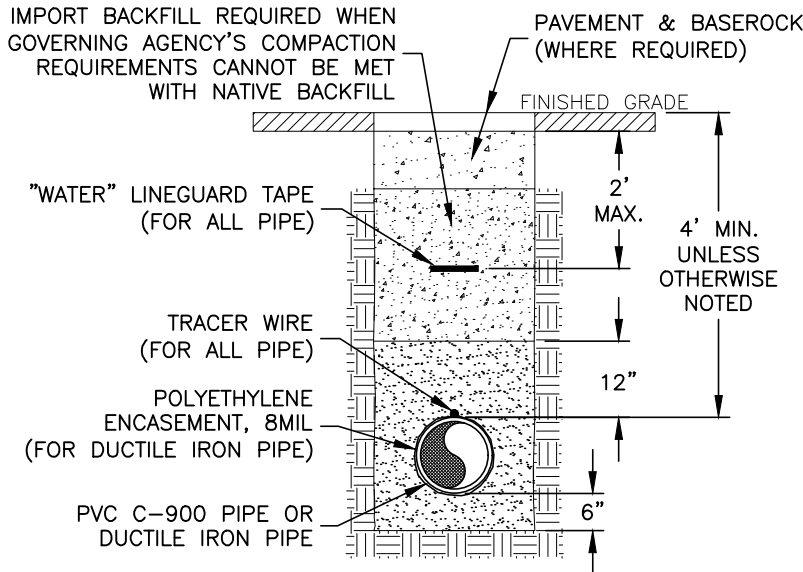
- 6 Inch Outlet Tee FLOxFLG, DI
- 6 Inch Gate Valve FLOxPO
- 6 Inch Gasket for Flanged Joint
- Set 3/4" x 3-1/2" #304 SS Bolts & Nuts, and Gaskets

FIRE HYDRANT:

CITY: CLOW 850 2-1/2 & 4 NST
KERN COUNTY: CLOW 850 2-1/2 & 4

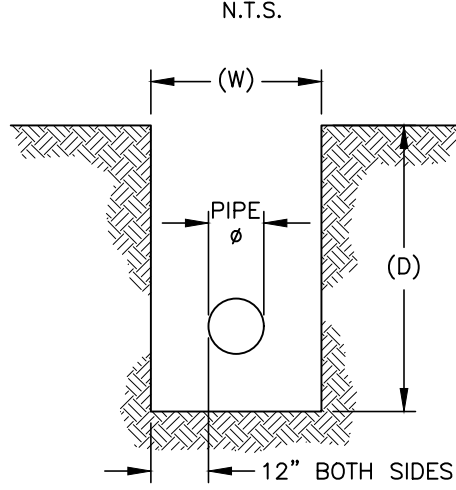
(The fire chief will make the final choice of fire hydrant head with Cal Water approval.)

A break-off check valve may be required if specified by district personnel. Use Clow Model LB400 or approved equal.



- 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



TRENCH NOTES FOR TIE-IN:
(FOR STRAIGHT AND TEE TIE-IN)

TRENCH WIDTH (W1), (W2) AND (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 (L1) AND (L) SHALL BE 14" (MIN). (10' FOR TIE-IN PLUS 2' EXPOSURE OF EXISTING AND NEW MAIN).

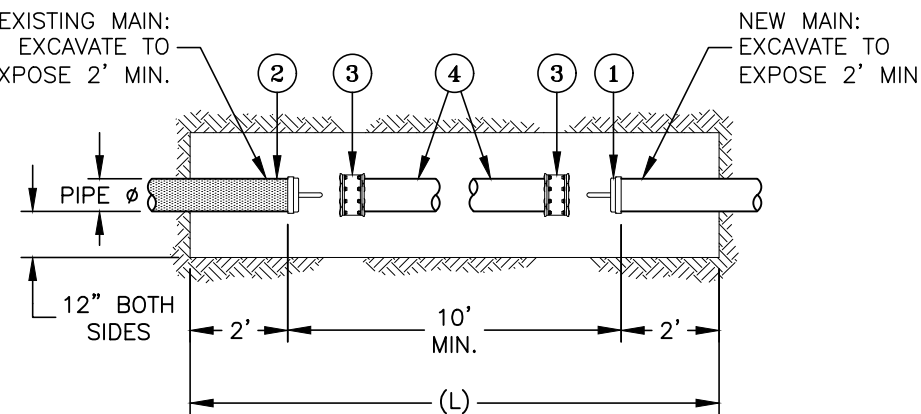
TRENCH LENGTH (L2) SHALL BE 7" (MIN). (5' FOR TIE-IN PLUS 2' EXPOSURE OF NEW MAIN).

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.

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" - 2 LOCATIONS

- 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 DOWNING AVENUE.

- 1 - 12" SOLID SLEEVE MJ, 10" SLEEVE (2 TOTAL w/ OIL RESTRAINT GASKETS)

- 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 REQUIREMENTS, PAVEMENT REPLACEMENT AND EQUIPMENT NECESSARY TO FACILITATE THE TIE-IN INCLUDING BUT NOT LIMITED TO EXCAVATION & DE-WATERING.

CALIFORNIA WATER SERVICE

NEW BUSINESS PROJECT
KERN HOUSEHOLD HARZARDOUS WASTE FACILITY
SE CORNER OF DOWNING AVE. & WEAR ST.

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.

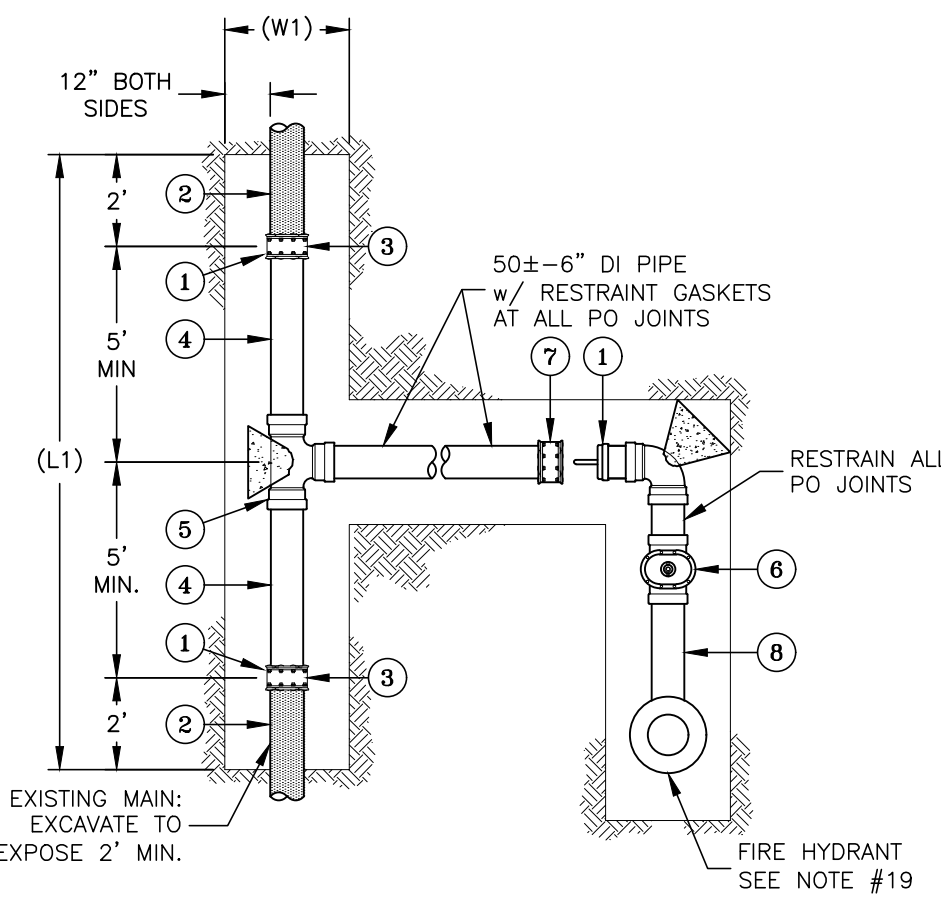
PIPELINE CROSSING INFORMATION

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

- EX. GAS LINE
INSTALL 8" PVC OR 12" DI OVER w/ 2.5' MIN. COVER & 1' MIN. SEPARATION OR UNDER w/ 4' COVER & 1' MIN. SEPARATION.

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 "B"

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, 8" PVC C-900 PIPE

THE DEVELOPER'S CONTRACTOR SHALL PROVIDE CALIFORNIA WATER SERVICE WITH THE FOLLOWING MATERIALS FOR THE TIE-IN AT WEAR STREET.

- 1 - 8" SOLID SLEEVE MJ, 10" SLEEVE (2 TOTAL)

- 5' - 8" DUCTILE IRON PIPE (10' TOTAL)

- 1 - 8" x 6" TEE PO w/ 2-8" RINGS & 1-6" RESTRAINT GASKET

- 1 - 6" GATE VALVE PO w/ 2-6" RESTRAINT GASKETS

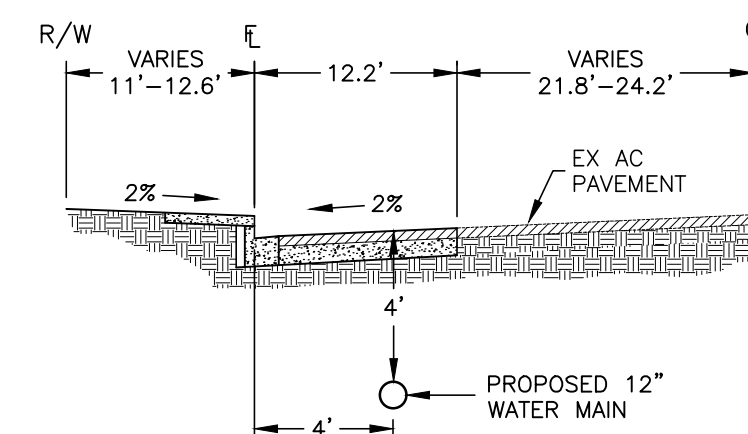
- 1 - 6" SOLID SLEEVE MJ, 10" SLEEVE w/RESTRAINT ADAPTER

- 10± - 6" DUCTILE IRON PIPE

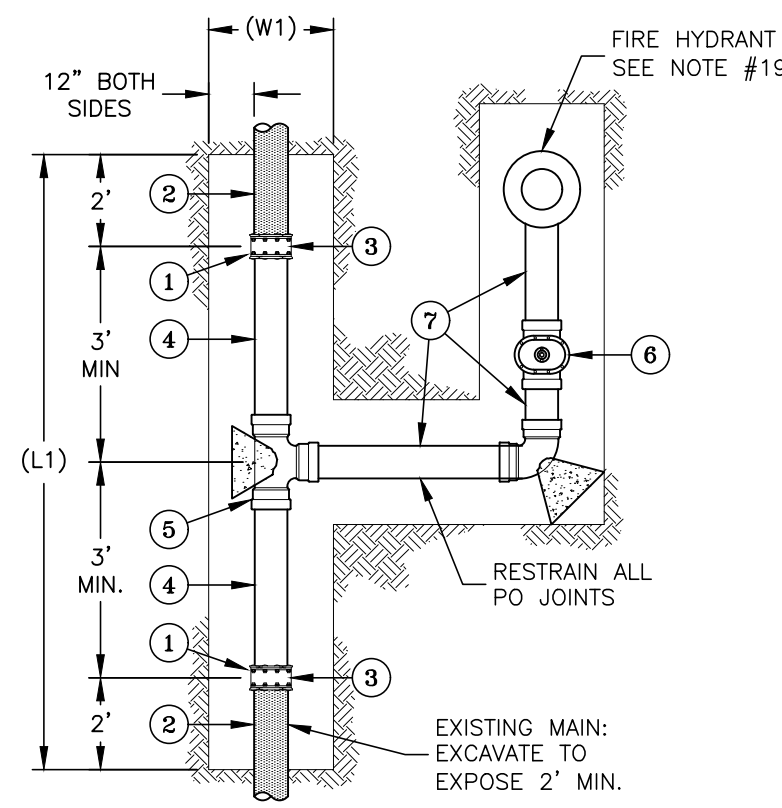
NOTE: IN ADDITION, THE DEVELOPER'S CONTRACTOR SHALL PROVIDE: MISC. MATERIAL AND EXCAVATION EQUIPMENT (I.E. EXCAVATOR/BACKHOE) REQUIRED TO COMPLETE THE TIE-IN SUCH AS, BUT NOT LIMITED TO: PROTECTION COATING MATERIAL FOR PIPE & FITTINGS, LINEGUARD TAPE, CONCRETE FOR THRUST BLOCKS, EMBEDMENT BACKFILL AROUND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

TYPICAL STREET CROSS SECTION

N.T.S.



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 "C"

N.T.S.

- CALIFORNIA WATER SERVICE CONTRACTOR WILL TIE THE NEW FIRE HYDRANT INTO EXISTING MAIN AT THIS LOCATION.

- EXISTING MAIN, 8" PVC C-900 PIPE

CALIFORNIA WATER SERVICE CONTRACTOR SHALL PROVIDE THE FOLLOWING MATERIALS FOR THE TIE-IN IT WILL MAKE AT WEAR STREET.

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

- 5' - 8" PVC C-900 (6' TOTAL)

- 1 - 8" x 6" TEE PO w/ 2-8" RINGS & 1-6" RESTRAINT GASKET

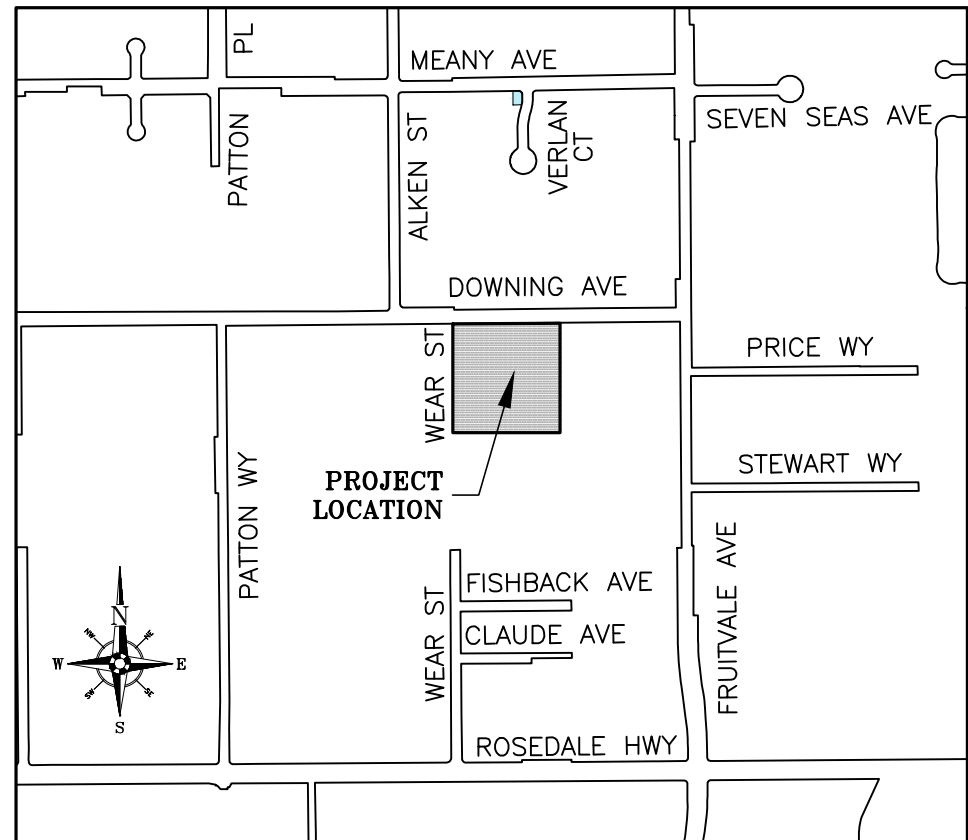
- 1 - 6" GATE VALVE PO w/ 2-6" RESTRAINT GASKETS

- 10± - 6" DUCTILE IRON PIPE

NOTE: IN ADDITION, CWS 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 REQUIREMENTS, PAVEMENT REPLACEMENT AND EQUIPMENT NECESSARY TO FACILITATE THE TIE-IN INCLUDING BUT NOT LIMITED TO EXCAVATION & DE-WATERING.

LEGEND:

- TO BE ABANDONED
- GAS LINE
- TELECOMMUNICATIONS LINE
- FIBER OPTIC
- OVERHEAD ELEC. LINES
- ELECTRIC LINE
- COMMUNICATION LINE
- STORM DRAIN LINE
- SANITARY SEWER LINE
- WATER LINE
- CENTER LINE
- PROPERTY LINE / ROW
- EASEMENT (PROPOSED)
- EASEMENT (EXISTING)
- RETAINING WALL
- ASSESSORS PARCEL NUMBER
- CATCH BASIN
- FLOW LINE
- 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)



VICINITY MAP

Not to Scale

BILL OF MATERIALS

12" MAIN

- 625'-12" DUCTILE IRON PIPE
- 690'-LINEGUARD TAPE
- 690'-TRACER WIRE #12AWG SOLID COPPER
- W/45 MILS HMWPE INSULATION
- 940'-POLYWRAP TUBING F/DI FITTINGS
- 15'-POLYWRAP TUBING F/DI FITTINGS
- 10- RLS PVC TAPE (100' ROLL)
- 1-12"x8" TEE PO
- 2-12" ELL, 45' PO
- 4-OIL RESTRAINT RINGS
- 1-8" RINGS F/PO FITTINGS

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

8" MAIN

- 75'-8" PVC C900 PIPE
- 85'-LINEGUARD TAPE
- 85'-TRACER WIRE #12AWG SOLID COPPER
- W/45 MILS HMWPE INSULATION
- 2-8"x8" TEE PO w/ RESTRAINT GASKETS
- 1-8"x6" REDUCER PO w/ RESTRAINT GASKETS
- 15'-POLYWRAP TUBING F/DI FITTINGS

SERVICES

- 1-2" DOMESTIC SERVICE w/ 2" METER
- 1-1" IRRIGATION SERVICE

TYPICAL MATERIALS PER DWG. CW-555 & 1029 (1')

FIRE SERVICES

- 1-8" FIRE SERVICE
- SEE DWG. CW-840 F/TYPICAL MATERIALS

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

- 1-6" FIRE HYDRANT
- 1-8"x6" RED PO w/ RESTRAINT GASKETS & THRUST BLOCK OVER THE REDUCER w/ BEARING AREA OF 1.75'(H)x2'(W)
- 2-8" FIRE HYDRANT (WORK BY CALWATER)
- 50'-6" DI PIPE
- 2-8"x6" TEE PO w/ RESTRAINT GASKETS
- 2-6" ELL 90' PO w/ RESTRAINT GASKETS
- (2) TIE-IN MATERIALS PER DETAIL "B" & "C"

SEE NOTE #19 F/TYPICAL MATERIALS

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

- 625' - 12" DUCTILE IRON PIPE
- 75' - 8" PVC C900 PIPE
- 1 - 8" FIRE SERVICE
- 1 - 6" FIRE HYDRANT

WORK BY CWS

- 2 - TIE-IN TO EX. 12" MAIN PER DETAIL "A"
- 1 - 2" DOMESTIC SERVICE w/ 2" METER
- 1 - 1" IRRIGATION SERVICE
- 2 - 6" FIRE HYDRANT
- 2 - TIE-IN TO EX. 8" MAIN PER DETAIL "B" & "C"

ENGINEERING



DEPARTMENT

REVISIONS:

DISTRIBUTION	DATE:	INT:
PLAT SHEET		
SYSTEM SCHEMATIC		
STATION SCHEMATIC		

PLAT SHEET NO.:

BK-28-30

SCALE:

NONE

DRAWN BY:

D. LE

DESIGNED BY:

J. HUYNH

TECH REVIEW: DATE:

CHECKED BY: DATE:

APPROVED BY: DATE:

12/18/24



NEW BUSINESS PROJECT
KERN HOUSEHOLD HARZARDOUS WASTE FACILITY
SE CORNER OF DOWNING AVE & WEAR ST

TITLE:
DISTRICT:

BK

101

DATE:

12/12/2024

PROJECT ID:

00135720

DRAWING NO.:

BK-12105

SHT 1 OF 2



REVISIONS:	

DISTRIBUTION MAP	☒	DATE:	INT:
PLAT SHEET	☒		
SYSTEM SCHEMATIC	☐		
STATION SCHEMATIC	☐		

PLAT SHEET NO.:

BK-28-30

SCALE:

1" = 30'

DRAWN BY:

D. LE

DESIGNED BY:

J. HUYNH

TECH REVIEW: DATE:

CHECKED BY: DATE:

12/18/24

APPROVED BY: DATE:

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SHT 2 OF 2

