

HEBER PUBLIC UTILITY DISTRICT BOARD OF DIRECTORS

MEETING DATE: August 20, 2025

FROM: Madeline Dessert, General Manager

SUBJECT: Approve Change Order #1 to the 7th Street Pipeline Project in the amount of \$295,000

ISSUE:

Shall the Board of Directors Approve the Change Order #1 to the 7th Street Pipeline Project in the amount of \$295,000?

FISCAL IMPACT:

The cost of the change order has been deemed reasonable/fair by management staff as well and engineering partners. The additional expense will be paid through grant funding.

DISCUSSION:

It is recommended that the Board of Directors authorize change order #1 of the 7th Street Pipeline Project in the amount of \$295,000. This change order will remove and replace the existing 4-inch and 2-inch copper pipeline to a 6- inch PVC pipeline. Such section that are being replaced are vulnerable as they are already leaking. Additionally, a fire hydrant assembly will be replaced as part of the change order.

CONCLUSION:

It is recommended HPUD BOD approves this change order in order to ensure quality service for all.

ALTERNATIVES:

- 1) Do not authorize the Change order
- 2) Provide alternative direction to staff

Attachments: Change Order

CHANGE ORDER REQUEST NO.01:

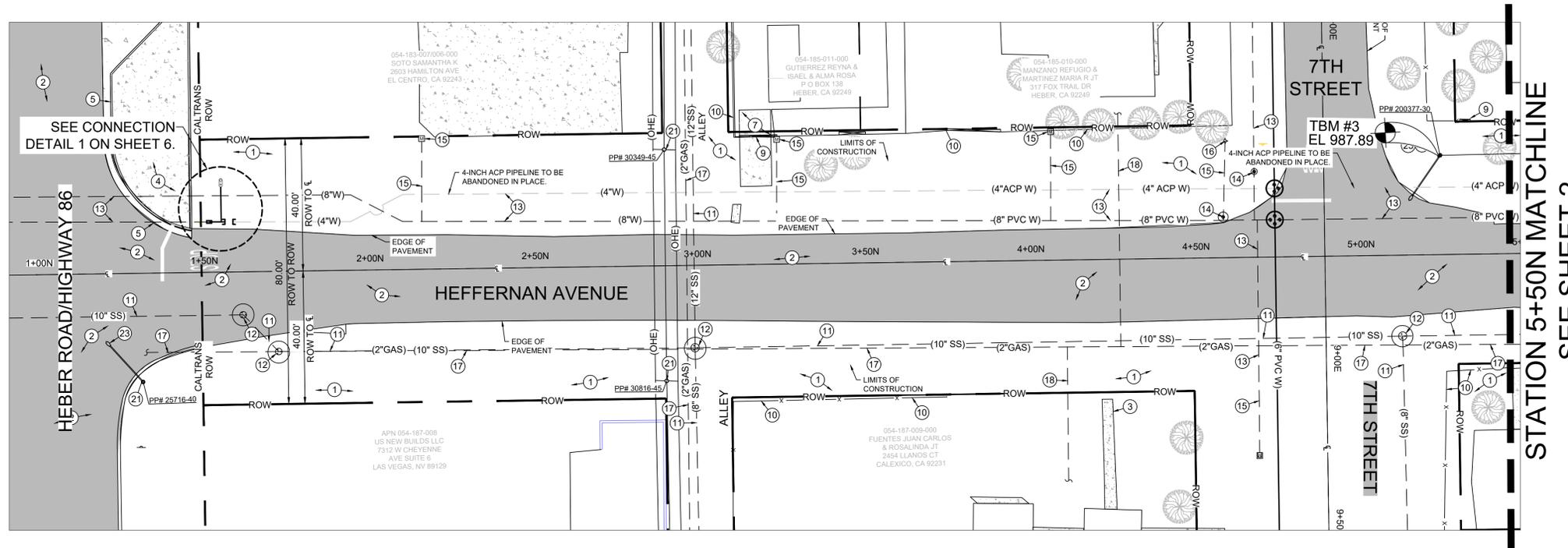
Owner: **Heber Public Utility District** Owner's Project No.:
Engineer: **The Holt Group, Inc.** Engineer's Project No.: **744.099**
Contractor: **Rove Engineering, Inc.** Contractor's Project No.:
Project: **7th Street Water Pipeline Project**
Contract Name:
Date Issued: **August 11, 2025** Effective Date of Change Order Request: **August 11, 2025**

It is requested for the Contractor to review the following change(s):

Rove Engineering, Inc. provide underground potable water pipeline improvements in addition to the contract scope of work.

- There is an existing 4-inch diameter ACP pipeline that routes along Heffernan Avenue between Heber Road and 6th Street. The following is to be completed per the attached design plans.
 - The existing 4-inch diameter ACP pipeline is to be abandoned in place. This will require the cut and cap of the existing pipeline at the northwest corner of the intersection of Heber Road and Heffernan Avenue and install a blow-off assembly.
 - Remove the existing tee and fire hydrant connection for the existing 4-inch diameter ACP pipeline to an existing 8-inch diameter PVC pipeline at the southwest corner of 6th Street and Heffernan Avenue. Will require the replacement of a fire hydrant assembly.
 - Install approximately six (6) new water meter service connections from the existing 4-inch diameter ACP pipeline to the existing 8-inch diameter PVC pipeline along Heffernan Avenue.
- There is an existing 4-inch to 2-inch diameter ACP to copper pipeline that routes along alley south of 7th Street between Heber Avenue and Parkyns Avenue. The following is to be conducted per the attached design plans.
 - The existing 2/4-inch diameter pipeline is to be abandoned in place. The pipeline is to be replaced with a new 6-inch diameter PVC water pipeline.
 - There are approximately seven (7) existing water meter services connections that are to be replaced with new.
- It is requested that the existing pipelines (6-inch diameter and 8-inch diameter) at the intersection of 6th Street and Parkyns Avenue be potholed to verify types of connections. It is then requested that small segments of 8-inch diameter pipeline (at most 20 feet in four directions) and a cross connection with 4 resilient wedge gate valves be installed.

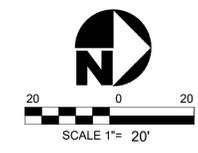
C:\Users\ChristophersGarcia\OneDrive\Documents\Design\CAD\HEFFERNAN AVENUE ACP (ABANDONED)\44.099 - SHEET 1-3 - HEFFERNAN AND 7TH STREET.dwg 09/14/2025 13:21



EXISTING KEYNOTES

- ① EXISTING NATIVE MATERIAL TO REMAIN.
- ② EXISTING A.C. PAVEMENT TO REMAIN.
- ③ EXISTING P.C.C. SIDEWALK TO REMAIN.
- ④ EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
- ⑤ EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
- ⑥ EXISTING P.C.C. DRIVEWAY TO REMAIN.
- ⑦ EXISTING P.C.C. SLAB TO REMAIN.
- ⑧ EXISTING P.C.C. SPANDREL TO REMAIN.
- ⑨ EXISTING FENCE GATE TO REMAIN.
- ⑩ EXISTING FENCE TO REMAIN.
- ⑪ EXISTING SANITARY SEWER PIPELINE TO REMAIN.
- ⑫ EXISTING SANITARY SEWER MANHOLE TO REMAIN.
- ⑬ EXISTING WATER PIPELINE TO REMAIN.
- ⑭ EXISTING WATER VALVE TO REMAIN.
- ⑮ EXISTING WATER SERVICE LINE AND METER.
- ⑯ EXISTING FIRE HYDRANT TO REMAIN.
- ⑰ EXISTING GAS PIPELINE TO REMAIN.
- ⑱ EXISTING GAS SERVICE TO REMAIN.
- ⑲ EXISTING OVERHEAD TELEPHONE LINES.
- ⑳ EXISTING OVERHEAD ELECTRICAL LINES.
- ㉑ EXISTING POWER AND/OR TELEPHONE POLE TO REMAIN.
- ㉒ EXISTING P.C.C. CROSS GUTTER TO REMAIN.
- ㉓ EXISTING STREET LIGHT TO REMAIN.
- ㉔ EXISTING STREET NAME SIGN TO REMAIN.
- ㉕ EXISTING STOP SIGN TO REMAIN.
- ㉖ EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.

STATION 5+50N MATCHLINE
SEE SHEET 2

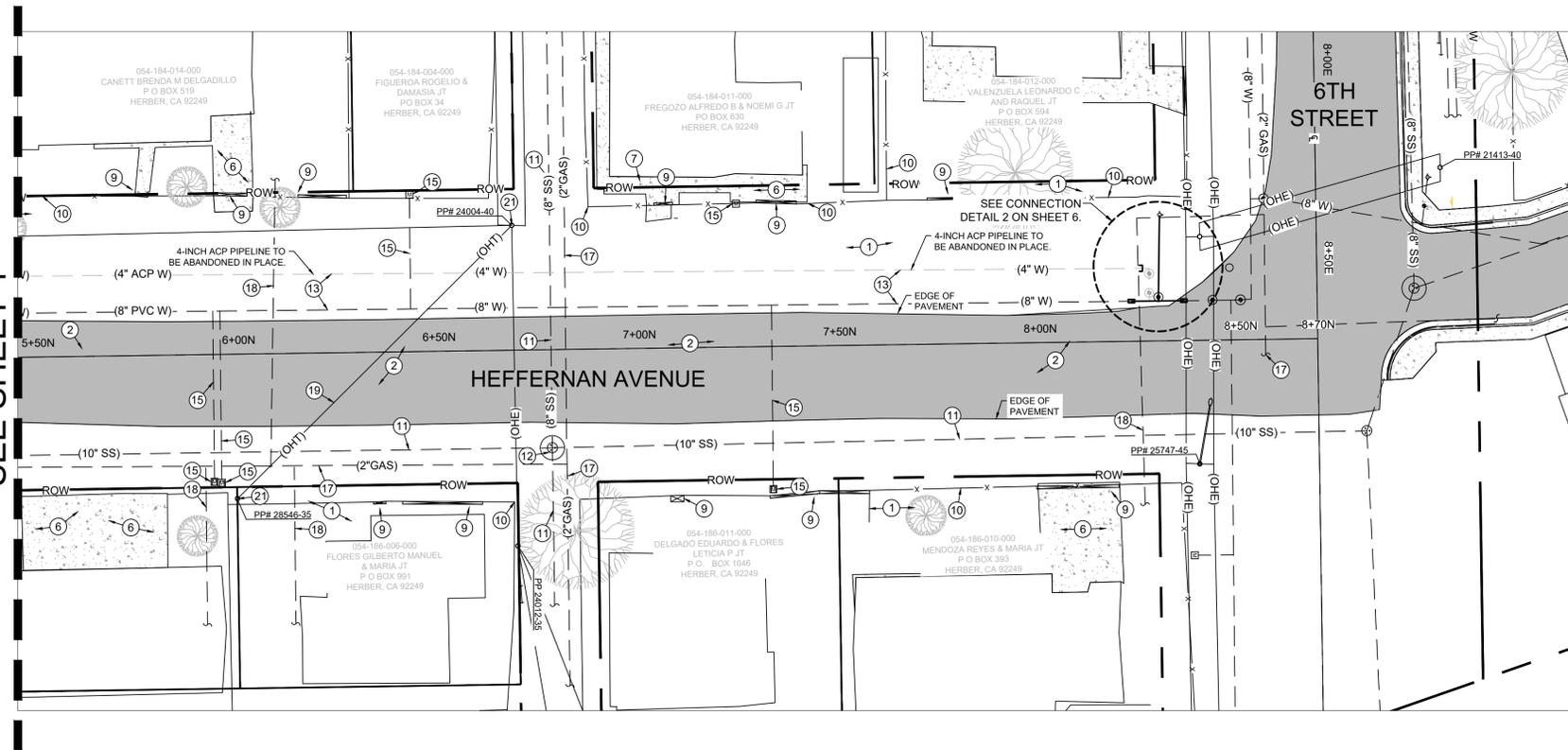


<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">No.</th> <th style="text-align: left;">REVISION</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	No.	REVISION					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">APPROVED</th> <th style="text-align: left;">DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	APPROVED	DATE			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED BY: JM</td> <td>DRAWN BY: JM</td> </tr> <tr> <td>SCALE: PER PLAN</td> <td>CHECKED BY: JM</td> </tr> <tr> <td>BENCH MARK No.</td> <td>ELEV.:</td> </tr> <tr> <td colspan="2">BENCHMARK</td> </tr> </table>	DESIGNED BY: JM	DRAWN BY: JM	SCALE: PER PLAN	CHECKED BY: JM	BENCH MARK No.	ELEV.:	BENCHMARK		<p>PREPARED UNDER THE DIRECT SUPERVISION OF:</p> <p style="text-align: center;">80410</p> <p>JESUS R. MARMOLEJO, P.E. R.C.E. No.</p> <p style="text-align: center;">03-31-27</p> <p>DATE REG. EXP.</p>		<p>The Holt Group, Inc.</p> <p>ENGINEERING * SURVEYING * CONSTRUCTION MANAGEMENT * PLANNING</p> <table style="width: 100%; font-size: small;"> <tr> <td>1601 N. IMPERIAL AVENUE EL CENTRO, CA 92243 PHONE : (760) 337-3883 FAX : (760) 337-5997</td> <td>201 E. HOBSONWAY BLYTHE, CA 92225 PHONE : (760) 922-4658 FAX : (760) 922-4660</td> </tr> </table>	1601 N. IMPERIAL AVENUE EL CENTRO, CA 92243 PHONE : (760) 337-3883 FAX : (760) 337-5997	201 E. HOBSONWAY BLYTHE, CA 92225 PHONE : (760) 922-4658 FAX : (760) 922-4660	<p>PROJECT TITLE : HEBER PUBLIC UTILITY DISTRICT 7TH STREET WATER PIPELINE PROJECT</p> <p>PROJECT NUMBER : 744.099</p> <p>SHEET CONTENT : HEFFERNAN AVENUE FROM HEBER ROAD/HIGHWAY 86 TO 7TH STREET</p>	<p>SHEET NO.</p> <p style="font-size: 24pt;">1</p> <p>OF</p> <p style="font-size: 24pt;">6 SHEETS</p>
No.	REVISION																										
APPROVED	DATE																										
DESIGNED BY: JM	DRAWN BY: JM																										
SCALE: PER PLAN	CHECKED BY: JM																										
BENCH MARK No.	ELEV.:																										
BENCHMARK																											
1601 N. IMPERIAL AVENUE EL CENTRO, CA 92243 PHONE : (760) 337-3883 FAX : (760) 337-5997	201 E. HOBSONWAY BLYTHE, CA 92225 PHONE : (760) 922-4658 FAX : (760) 922-4660																										

UNAUTHORIZED CHANGES AND USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to these plans must be in writing and must be approved by the preparer of these plans.

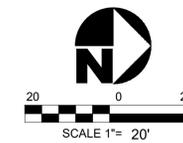
C:\Users\ChristophersGarcia\The Holt Group\744.099 - Documents\Design\CAD\HEFFERNAN AVENUE ACP (ABANDONED) 744.099 - SHEET 1-3 - HEFFERNAN AND 7TH STREET.dwg 09/14/2025 13:22

STATION 5+50N MATCHLINE
SEE SHEET 1



EXISTING KEYNOTES

- ① EXISTING NATIVE MATERIAL TO REMAIN.
- ② EXISTING A.C. PAVEMENT TO REMAIN.
- ③ EXISTING P.C.C. SIDEWALK TO REMAIN.
- ④ EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
- ⑤ EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
- ⑥ EXISTING P.C.C. DRIVEWAY TO REMAIN.
- ⑦ EXISTING P.C.C. SLAB TO REMAIN.
- ⑧ EXISTING P.C.C. SPANDREL TO REMAIN.
- ⑨ EXISTING FENCE GATE TO REMAIN.
- ⑩ EXISTING FENCE TO REMAIN.
- ⑪ EXISTING SANITARY SEWER PIPELINE TO REMAIN.
- ⑫ EXISTING SANITARY SEWER MANHOLE TO REMAIN.
- ⑬ EXISTING WATER PIPELINE TO REMAIN.
- ⑭ EXISTING WATER VALVE TO REMAIN.
- ⑮ EXISTING WATER SERVICE LINE AND METER.
- ⑯ EXISTING FIRE HYDRANT TO REMAIN.
- ⑰ EXISTING GAS PIPELINE TO REMAIN.
- ⑱ EXISTING GAS SERVICE TO REMAIN.
- ⑲ EXISTING OVERHEAD TELEPHONE LINES.
- ⑳ EXISTING OVERHEAD ELECTRICAL LINES.
- ㉑ EXISTING POWER AND/OR TELEPHONE POLE TO REMAIN.
- ㉒ EXISTING P.C.C. CROSS GUTTER TO REMAIN.
- ㉓ EXISTING STREET LIGHT TO REMAIN.
- ㉔ EXISTING STREET NAME SIGN TO REMAIN.
- ㉕ EXISTING STOP SIGN TO REMAIN.
- ㉖ EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.



No.	REVISION	APPROVED	DATE	DESIGNED BY: JM	DRAWN BY: JM
				SCALE: PER PLAN	CHECKED BY: JM
				BENCHMARK No.	ELEV.:
				BENCHMARK	

UNAUTHORIZED CHANGES AND USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to these plans must be in writing and must be approved by the preparer of these plans.

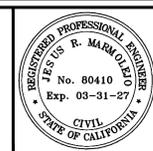
PREPARED UNDER THE DIRECT SUPERVISION OF:

JESUS R. MARMOLEJO, P.E.

80410 R.C.E. No.

03-31-27 REG. EXP.

06/11/2025 DATE

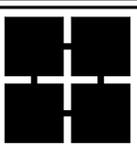


The Holt Group, Inc.

ENGINEERING * SURVEYING * CONSTRUCTION MANAGEMENT * PLANNING

1601 N. IMPERIAL AVENUE EL CENTRO, CA 92243
PHONE : (760) 337-3883 FAX : (760) 337-5997

201 E. HOBSONWAY BLYTHE, CA 92225
PHONE : (760) 922-4658 FAX : (760) 922-4660



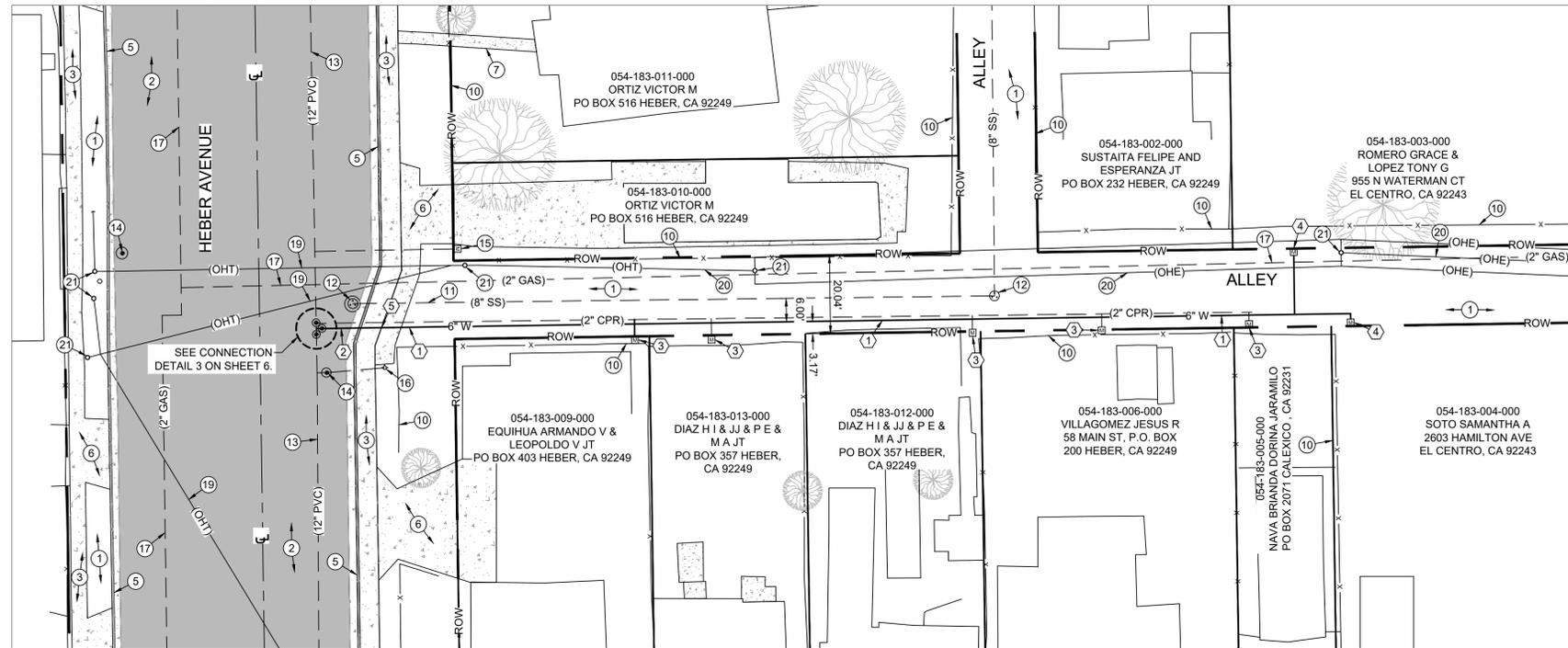
PROJECT TITLE : HEBER PUBLIC UTILITY DISTRICT
7TH STREET WATER PIPELINE PROJECT

PROJECT NUMBER : 744.099

SHEET CONTENT : HEFFERNAN AVENUE FROM 7TH STREET TO 6TH STREET

SHEET NO. 2 OF 6 SHEETS

C:\Users\ChristophersGarcia\OneDrive\Documents\Design\CAD\JEFFERMAN\WENUE ACP\ABANDONED\744.099 - SHEET 1-3 - HEFFERMAN AND 7TH ST.PLAN.dwg 09/14/2025 13:22

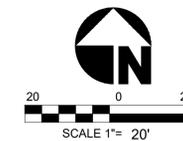


EXISTING KEYNOTES

- ① EXISTING NATIVE MATERIAL TO REMAIN.
- ② EXISTING A.C. PAVEMENT TO REMAIN.
- ③ EXISTING P.C.C. SIDEWALK TO REMAIN.
- ④ EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
- ⑤ EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
- ⑥ EXISTING P.C.C. DRIVEWAY TO REMAIN.
- ⑦ EXISTING P.C.C. SLAB TO REMAIN.
- ⑧ EXISTING P.C.C. SPANDREL TO REMAIN.
- ⑨ EXISTING FENCE GATE TO REMAIN.
- ⑩ EXISTING FENCE TO REMAIN.
- ⑪ EXISTING SANITARY SEWER PIPELINE TO REMAIN.
- ⑫ EXISTING SANITARY SEWER MANHOLE TO REMAIN.
- ⑬ EXISTING WATER PIPELINE TO REMAIN.
- ⑭ EXISTING WATER VALVE TO REMAIN.
- ⑮ EXISTING WATER SERVICE LINE AND METER.
- ⑯ EXISTING FIRE HYDRANT TO REMAIN.
- ⑰ EXISTING GAS PIPELINE TO REMAIN.
- ⑱ EXISTING GAS SERVICE TO REMAIN.
- ⑲ EXISTING OVERHEAD TELEPHONE LINES.
- ⑳ EXISTING OVERHEAD ELECTRICAL LINES.
- ㉑ EXISTING POWER AND/OR TELEPHONE POLE TO REMAIN.
- ㉒ EXISTING P.C.C. CROSS GUTTER TO REMAIN.
- ㉓ EXISTING STREET LIGHT TO REMAIN.
- ㉔ EXISTING STREET NAME SIGN TO REMAIN.
- ㉕ EXISTING STOP SIGN TO REMAIN.
- ㉖ EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.

CONSTRUCTION KEYNOTES

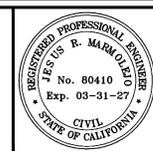
- ① INSTALL NEW 6-INCH DIAMETER AWWA C 900 DR18 - PRESSURE CLASS 235 PVC WATER PIPELINE IN NATIVE AREAS PER TRENCH DETAIL B ON SHEET 4.
- ② INSTALL NEW 6-INCH DIAMETER AWWA C-900 DR 18 - PRESSURE CLASS 235 PVC WATER PIPELINE IN PAVED AREAS PER TRENCH DETAIL A ON SHEET 4.
- ③ REPLACE EXISTING WITH NEW 1-INCH WATER SERVICE, METER AND METER ENCLOSURE PER DETAIL C ON SHEET 4.
- ④ INSTALL NEW 1-INCH WATER SERVICE, METER AND METER ENCLOSURE PER DETAIL C ON SHEET 4.
- ⑤ INSTALL NEW 6-INCH DIAMETER AWWA C-900 DR 18 - PRESSURE CLASS 235 PVC WATER PIPELINE IN P.C.C. CONCRETE AREAS PER TRENCH DETAIL K ON SHEET 5.



No.	REVISION	APPROVED	DATE	DESIGNED BY: JM	DRAWN BY: JM
				SCALE: PER PLAN	CHECKED BY: JM
				BENCH MARK No.	ELEV.:
				BENCHMARK	

UNAUTHORIZED CHANGES AND USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to these plans must be in writing and must be approved by the preparer of these plans.

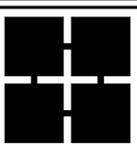
PREPARED UNDER THE DIRECT SUPERVISION OF:	
JESUS R. MARMOLEJO, P.E.	80410 R.C.E. No.
06/11/2025 DATE	03-31-27 REG. EXP.



The Holt Group, Inc.

ENGINEERING * SURVEYING * CONSTRUCTION MANAGEMENT * PLANNING

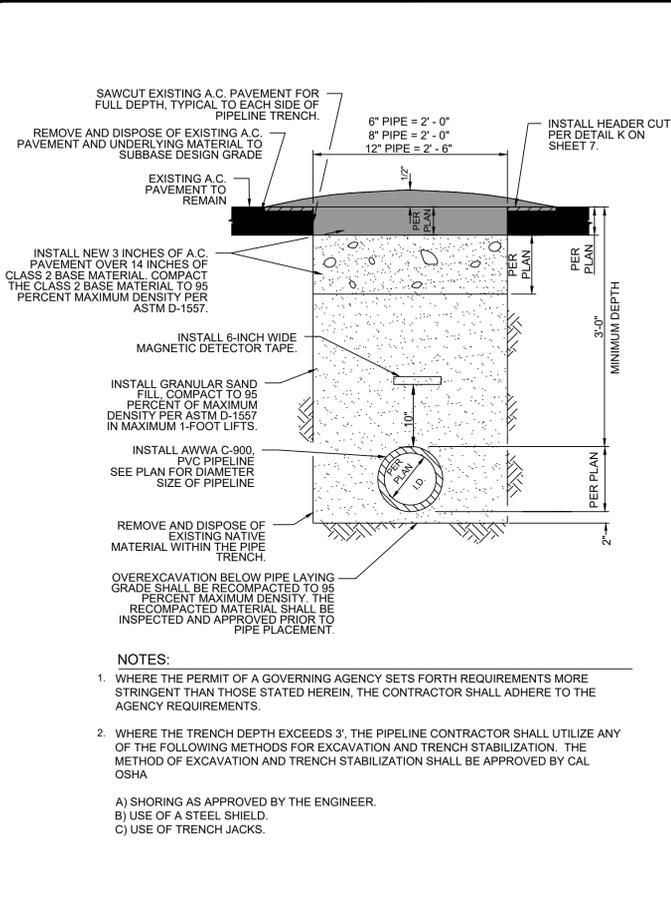
1601 N. IMPERIAL AVENUE EL CENTRO, CA 92243 PHONE : (760) 337-3883 FAX : (760) 337-5997	201 E. HOBSONWAY BLYTHE, CA 92225 PHONE : (760) 922-4658 FAX : (760) 922-4660
--	--



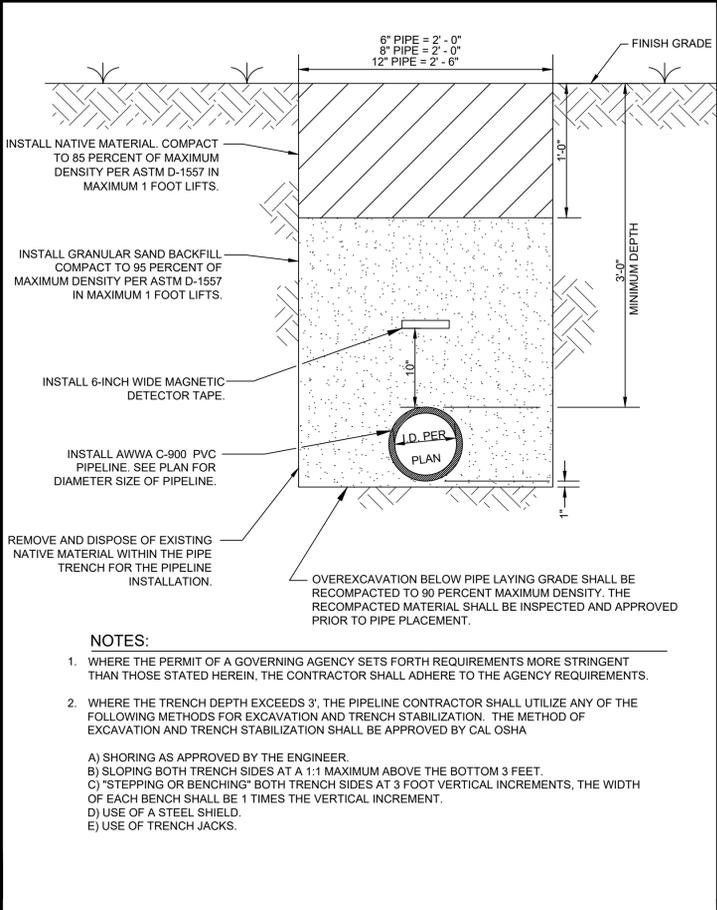
PROJECT TITLE :	HEBER PUBLIC UTILITY DISTRICT 7TH STREET WATER PIPELINE PROJECT
PROJECT NUMBER :	744.099
SHEET CONTENT :	HEBER AVENUE AT ALLEY BETWEEN 7TH STREET AND HWY 86 / MAIN STREET

SHEET NO. 3 OF 6 SHEETS
--

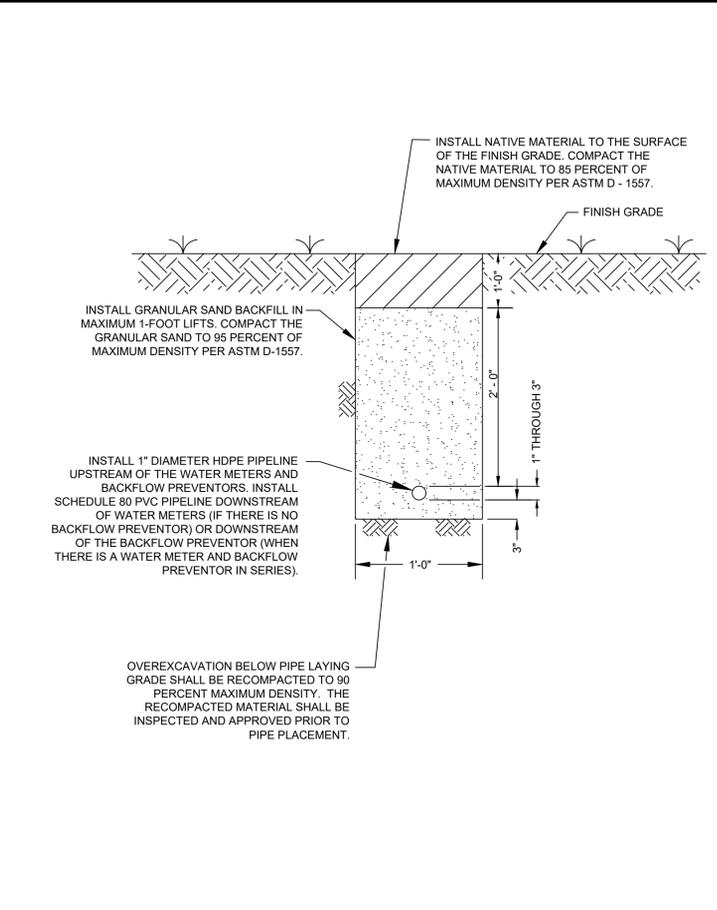
C:\Users\Christophers\Documents\Design\CD\HEBERMAN REVISE ACP ABANDONED\744.099 - SHEET 4-5 - PIPELINE DETAILS.dwg 08/14/2025 13:23



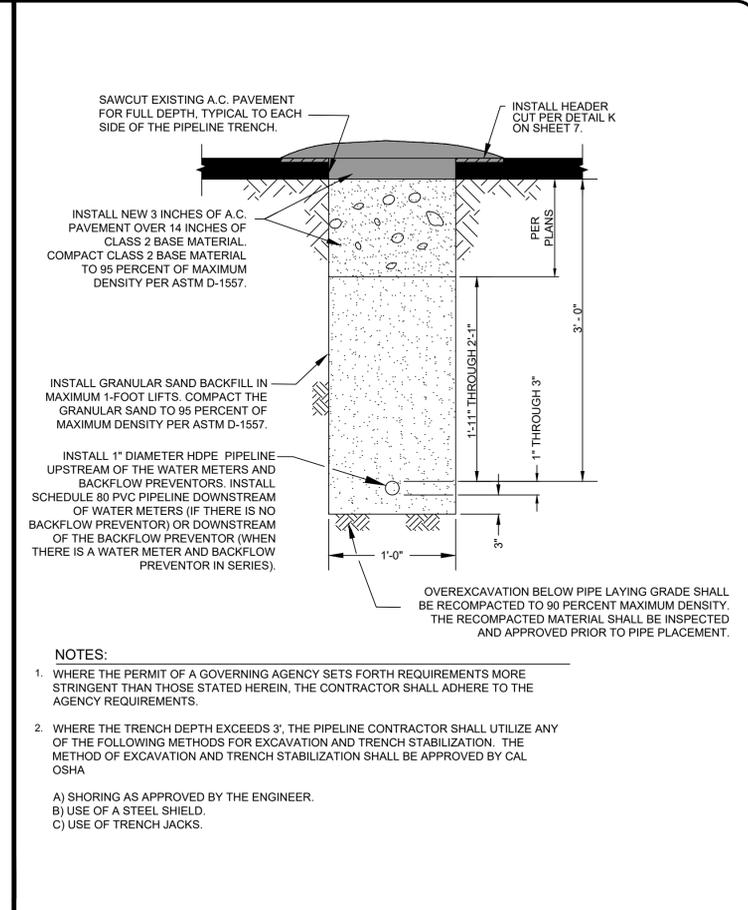
A
1-3/4



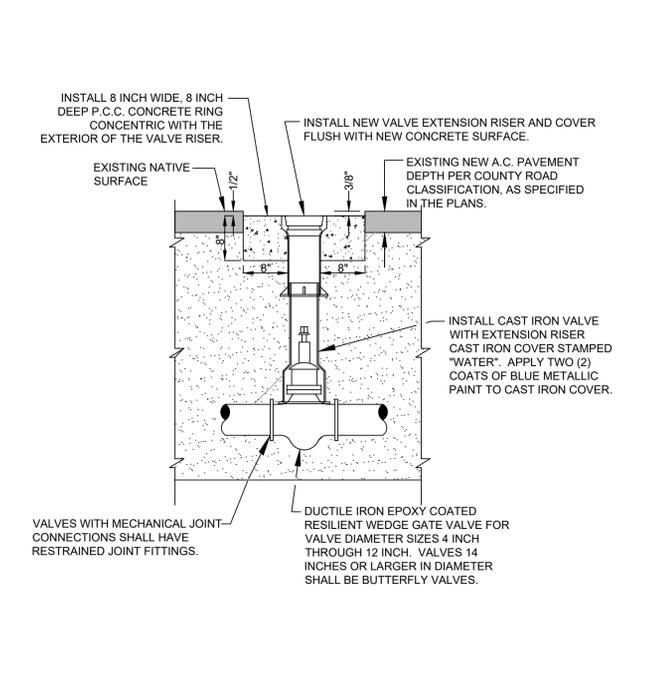
B
1-3/4



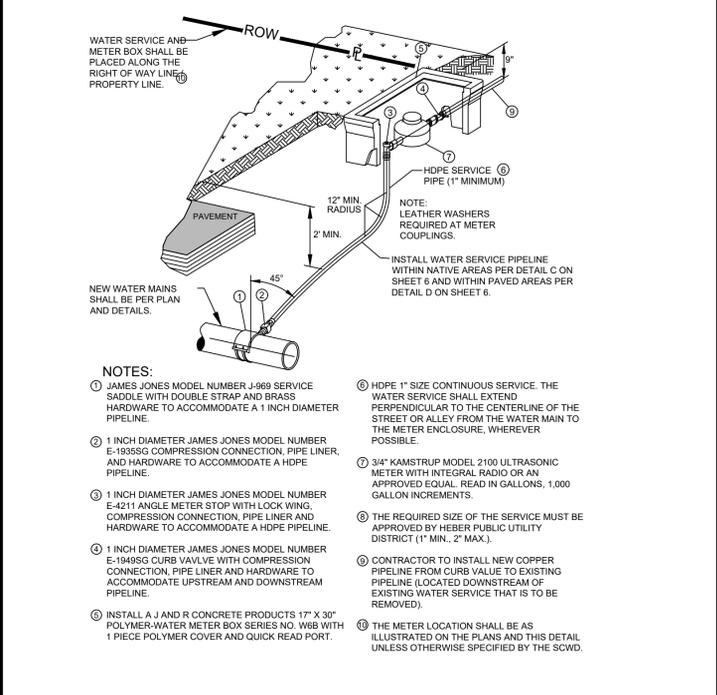
C
1-3/4



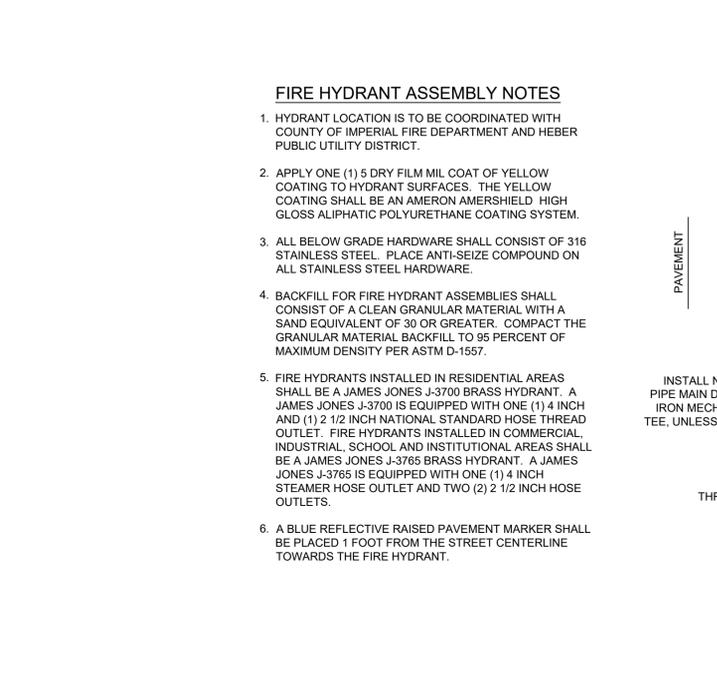
D
4



E
1-3/4



F
3/4



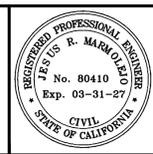
G
2/4

No.	REVISION	APPROVED	DATE	DESIGNED BY: JM	DRAWN BY: JM

UNAUTHORIZED CHANGES AND USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to these plans must be in writing and must be approved by the preparer of these plans.

SCALE: PER PLAN	CHECKED BY: JM
BENCH MARK No.	ELEV.:
BENCHMARK	

PREPARED UNDER THE DIRECT SUPERVISION OF:	80410
JESUS R. MARMOLEJO, P.E.	R.C.E. No.
06/11/2025	03-31-27
DATE	REG. EXP.



The Holt Group, Inc.

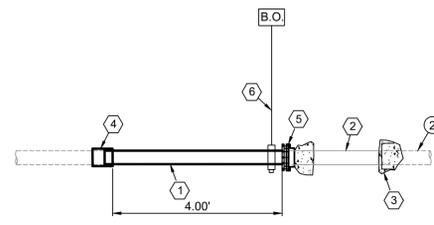
ENGINEERING * SURVEYING * CONSTRUCTION MANAGEMENT * PLANNING

1601 N. IMPERIAL AVENUE
EL CENTRO, CA 92243
PHONE : (760) 337-3883
FAX : (760) 337-9997

201 E. HOBSONWAY
BLYTHE, CA 92225
PHONE : (760) 922-4656
FAX : (760) 922-4660

PROJECT TITLE :	HEBER PUBLIC UTILITY DISTRICT 7TH STREET WATER PIPELINE PROJECT
PROJECT NUMBER :	744.099
SHEET CONTENT :	PIPELINE DETAILS I

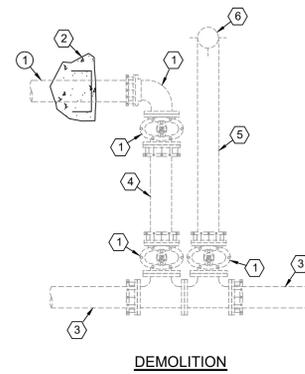
SHEET NO.	4
OF	6
SHEETS	



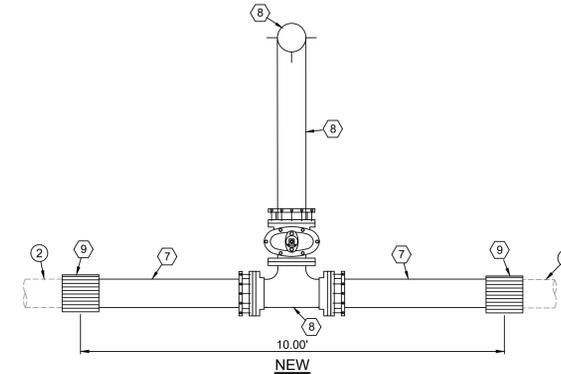
- EXISTING KEYNOTES:**
- ① EXISTING 4-INCH ACP WATER PIPELINE TO BE ABANDONED IN PLACE.
- CONSTRUCTION KEYNOTES:**
- ① INSTALL NEW 4-INCH DIAMETER AWWA C-900 DR 18 PRESSURE CLASS 235 PVC PIPELINE.
 - ② CUT EXISTING PIPE APPROXIMATELY 2 FEET BEYOND FITTINGS TO ALLOW FOR CONNECTION OF NEW PIPELINE.
 - ③ PLUG THE EXISTING PVC PIPELINE WITH A NON-SHRINK GROUT PLACED FOR A DISTANCE OF 1-FOOT WITHIN THE ABANDONED PIPELINE, PLACE THRUST BLOCK OUTSIDE OF PIPE.
 - ④ INSTALL NEW 4-INCH DIAMETER DUCTILE IRON ACP TO PVC TRANSITION COUPLING ADAPTER.
 - ⑤ INSTALL 4-INCH DIAMETER MECHANICAL JOINT END CAP WITH RESTRAINED JOINT FITTINGS, DUCTILE IRON, WITH P.C.C. THRUST BLOCK. SEE THRUST BLOCK DETAIL J ON SHEET 20.
 - ⑥ INSTALL TEMPORARY BLOW OFF ASSEMBLY PER DETAIL H ON SHEET 7.

NOTE:
EXISTING WATER PIPELINE, CONNECTION FITTINGS, AND VALVES ARE TO REMAIN IN OPERATION DURING CONSTRUCTION AND ARE TO BE DEMOLISHED AFTER CONSTRUCTION AND OPERATION OF THE NEW PIPELINE.

CONNECTOR DETAIL
SCALE: 1" = 2'



DEMOLITION

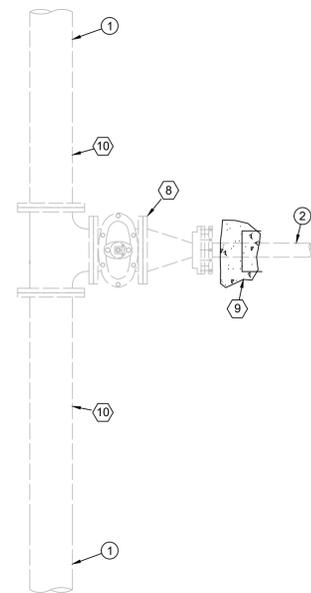


NEW

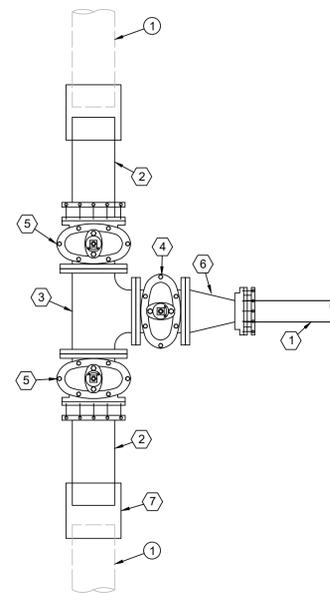
- EXISTING KEYNOTES:**
- ① EXISTING 4-INCH ACP WATER PIPELINE TO BE ABANDONED IN PLACE.
 - ② EXISTING 8-INCH PVC WATER PIPELINE TO REMAIN.
- CONSTRUCTION KEYNOTES:**
- ① REMOVE AND DISPOSE OF THE EXISTING WATER VALVES, VALVE RISERS, COUPLING ADAPTERS, EXISTING DUCTILE IRON CROSSES, TEES AND ALL OTHER PIPING AND FITTINGS.
 - ② PLUG THE EXISTING ACP PIPELINE WITH A NON-SHRINK GROUT PLACED FOR A DISTANCE OF 1-FOOT WITHIN THE ABANDONED PIPELINE, PLACE THRUST BLOCK OUTSIDE OF PIPE.
 - ③ REMOVE AND DISPOSE OF EXISTING 8-INCH PVC PIPE.
 - ④ REMOVE AND DISPOSE OF EXISTING 4-INCH ACP PIPE.
 - ⑤ REMOVE AND DISPOSE OF EXISTING 6-INCH PVC PIPE.
 - ⑥ REMOVE EXISTING FIRE HYDRANT AND PROVIDE TO HPUD OPERATORS.
 - ⑦ INSTALL NEW 8-INCH DIAMETER AWWA C-900 DR 18 PRESSURE CLASS 235 PVC PIPELINE.
 - ⑧ INSTALL NEW FIRE HYDRANT ASSEMBLY PER DETAIL G ON SHEET 4.
 - ⑨ INSTALL NEW 8-INCH DIAMETER DUCTILE IRON PVC TO PVC TRANSITION COUPLING ADAPTER.

NOTE:
EXISTING WATER PIPELINE, CONNECTION FITTINGS, AND VALVES ARE TO REMAIN IN OPERATION DURING CONSTRUCTION AND ARE TO BE DEMOLISHED AFTER CONSTRUCTION AND OPERATION OF THE NEW PIPELINE.

CONNECTOR DETAIL
SCALE: 1" = 2'



DEMOLITION



NEW

- EXISTING KEYNOTES:**
- ① EXISTING 12-INCH DIAMETER AWWA C-900 PVC PIPELINE TO REMAIN.
 - ② EXISTING 2-INCH DIAMETER COPPER WATER PIPELINE TO BE ABANDONED IN PLACE.
- CONSTRUCTION KEYNOTES:**
- ① INSTALL NEW 6-INCH DIAMETER AWWA C-900 DR 18 PRESSURE CLASS 235 PVC PIPELINE.
 - ② INSTALL NEW 12-INCH DIAMETER AWWA C-900 DR 18 PRESSURE CLASS 235 PVC PIPELINE.
 - ③ INSTALL NEW 12-INCH X 12-INCH FL X FL DUCTILE IRON TEE WITH 316 STAINLESS STEEL HARDWARE AND P.C.C. THRUST BLOCKS PER DETAIL X ON SHEET X.
 - ④ INSTALL NEW 12-INCH DIAMETER FL X FL RESILIENT WEDGE GATE VALVE WITH RESTRAINED JOINT FITTINGS PER DETAIL E ON SHEET 4.
 - ⑤ INSTALL NEW 12-INCH DIAMETER FL X MJ RESILIENT WEDGE GATE VALVE WITH RESTRAINED JOINT FITTINGS PER DETAIL E ON SHEET 4.
 - ⑥ INSTALL NEW 12-INCH X 6-INCH FL X MJ DUCTILE IRON REDUCER FITTING WITH RESTRAINED JOINT FITTING.
 - ⑦ INSTALL NEW 12-INCH DIAMETER DUCTILE IRON TRANSITION COUPLING ADAPTER.
 - ⑧ REMOVE AND DISPOSE OF THE EXISTING WATER VALVES, VALVE RISERS, COUPLING ADAPTERS, EXISTING DUCTILE IRON CROSSES, TEES AND ALL OTHER PIPING AND FITTINGS.
 - ⑨ PLUG THE EXISTING ACP PIPELINE WITH A NON-SHRINK GROUT PLACED FOR A DISTANCE OF 1-FOOT WITHIN THE ABANDONED PIPELINE, PLACE THRUST BLOCK OUTSIDE OF PIPE.
 - ⑩ REMOVE AND DISPOSE OF EXISTING 12-INCH PVC PIPELINE.
- NOTE:**
EXISTING WATER PIPELINE, CONNECTION FITTINGS, AND VALVES ARE TO REMAIN IN OPERATION DURING CONSTRUCTION AND ARE TO BE DEMOLISHED AFTER CONSTRUCTION AND OPERATION OF THE NEW PIPELINE.

CONNECTOR DETAIL
SCALE: 1" = 2'



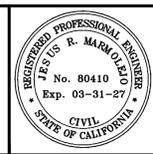
C:\Users\Christophers\OneDrive\Documents\Design\CD\HEFERMAN\REVISE ACP ABANDONED\744.099 - SHEET 6 - CONNECTION DETAILS.dwg 08/14/2025 13:24

No.	REVISION	APPROVED	DATE	DESIGNED BY: JM	DRAWN BY: JM

UNAUTHORIZED CHANGES AND USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to these plans must be in writing and must be approved by the preparer of these plans.

SCALE: PER PLAN	CHECKED BY: JM
BENCH MARK No.	ELEV.:
BENCHMARK	

PREPARED UNDER THE DIRECT SUPERVISION OF:	80410
JESUS R. MARMOLEJO, P.E.	R.C.E. No.
06/11/2025	03-31-27
DATE	REG. EXP.



The Holt Group, Inc.
ENGINEERING * SURVEYING * CONSTRUCTION MANAGEMENT * PLANNING

1601 N. IMPERIAL AVENUE
EL CENTRO, CA 92243
PHONE : (760) 337-3883
FAX : (760) 337-5997

201 E. HOBSONWAY
BLYTHE, CA 92225
PHONE : (760) 922-4656
FAX : (760) 922-4660

PROJECT TITLE :	HEBER PUBLIC UTILITY DISTRICT 7TH STREET WATER PIPELINE PROJECT
PROJECT NUMBER :	744.099
SHEET CONTENT :	CONNECTION DETAILS I

SHEET NO.	6
OF	6
SHEETS	6