

Change Order No.: 1

		Date:	August 17, 2026
		Contract Date:	August 17, 2026
Client:	Mapleton Water District	Client Contract/PO No.:	
	88151 Riverview Ave	Verdantas Project No.:	2201.008
	Mapleton, OR 97453	Project Name:	Rice Road Pipeline Improvements Project

Recommendation & Rationale

This Change Order is recommended by the Engineer to provide compensation for the replacement of three (3) existing fire hydrants. The work includes furnishing and completely installing new fire hydrants and removing the existing hydrants in their entirety. The three existing fire hydrants shall be removed and returned to the District. Excavation, earthwork, valves, tees, fittings, and appurtenant work required for installation of the new fire hydrants are compensated under existing Contract Bid Items.

Bid Item Modifications

1) Create new Line Item #33 and add two (2) units to the Contract

Description:

- Work includes furnishing one complete 4-foot-bury fire hydrant assembly and all labor, materials, equipment, subcontractors, overhead, profit, and incidentals necessary to provide the hydrant to the Project site.

Item No.	Item Description	Unit	Quantity Change	Unit Price	Cost
33	New FH, 4-ft-bury	EA	+2	\$4,206.19	\$8,412.38
Total					\$8,412.38

2) Create new Line Item #34 and add one (1) unit to the Contract

Description:

- Work includes furnishing one complete 5-foot-bury fire hydrant assembly and all labor, materials, equipment, subcontractors, overhead, profit, and incidentals necessary to provide the hydrant to the Project site.

Item No.	Item Description	Unit	Quantity Change	Unit Price	Cost
34	New FH, 5-ft-bury	EA	+1	\$4,400.60	\$4,400.60
Total					\$4,400.60

Description of Impacts

- ☐ Potential Scope or Management Impact
- ☐ Potential Schedule Impact
- ☒ Potential Cost Impact

Let it be noted that the final cost of the construction project will depend on the Work ultimately performed and installed.

Change in Contract Price		Change in Contract Times	
Original Contract Price:		Original Contract Times:	
\$ 549,185.00		Substantial Completion:	120 Days
		Ready for final payment:	150 Days
Increase from previously approved Change Order No. 1:		Increase from previously approved Change Order 1:	
\$ N/A		Substantial Completion:	N/A Days
		Ready for final payment:	N/A Days
Contract Price prior to this Change Order:		Contract Times prior to this Change Order:	
\$ 549,185.00		Substantial Completion:	120 Days
		Ready for final payment:	150 Days
Increase this Change Order:		Increase this Change Order:	
\$ 12,812.98		Substantial Completion:	0 Days
		Ready for final payment:	0 Days
Contract Price incorporating this Change Order:		Contract Times with all approved Change Orders:	
\$ 561,997.98		Substantial Completion:	120 Days
		Ready for final payment:	150 Days

This Change Order is hereby accepted and incorporated into the existing Agreement

Verdantas PM Name

Job Title

Signature

Client Name

Job Title

Signature

Contractor Name

Job Title

Signature

Please return one signed original to your Verdantas project contact and retain one signed original for your records.

CHANGE ORDER 1

Wildish Construction Co Base Bid provided on June 3, 2026

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MAPLETON WATER DISTRICT (MWD) PIPELINE REPLACEMENT PROJECT
LANE COUNTY, OR

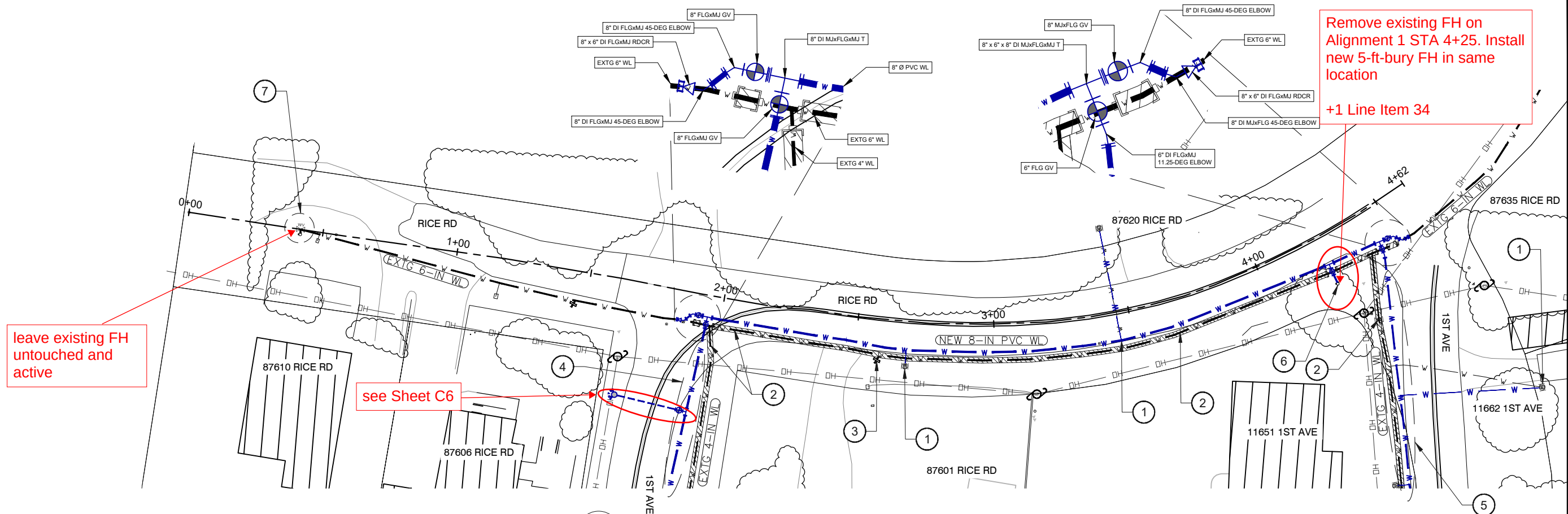
MAY 2026

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
1	MOBILIZATION, BONDING AND INSURANCE	LS	1	\$ 35,000	35,000
2	CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS	LS	1	\$ 7,000	7,000
3	DEMOLITION AND SITE PREPARATION	LS	1	\$ 3,500	3,500
4	ASSEMBLY, BLOWOFF	EA	1	\$ 2,500	2,500
5	ASSEMBLY, FH RECONNECT	EA	5	\$ 3,000	15,000
6	BEND, 6" DI 11.25-DEG FLGxMJ	EA	1	\$ 900	900
7	BEND, 6" DI 22.5-DEG MJxFLG	EA	1	\$ 900	900
8	BEND, 6" DI 45-DEG MJxMJ	EA	1	\$ 1,000	1,000
9	BEND, 8" DI 45-DEG FLGxMJ	EA	6	\$ 1,100	6,600
10	GV, 6" FLG	EA	1	\$ 2,300	2,300
11	GV, 6" MJxFLG	EA	7	\$ 2,200	15,400
12	GV, 6" MJxMJ	EA	1	\$ 2,400	2,400
13	GV, 8" MJxFLG	EA	4	\$ 3,200	12,800 12,800 ^{new}
14	GV, 8" MJxMJ	EA	3	\$ 3,200	9,600
15	MISC. ABANDON 3" SRVC	LS	1	\$ 500	500
16	MISC. ABANDON AND CAP PIPES	LS	1	\$ 2,200	2,200
17	MISC. LANDSCAPING AND RESTORATION	LS	1	\$ 6,000	6,000
18	MISC. MAILBOX RELOCATE	LS	1	\$ 1,500	1,500
19	MISC. WATERLINE ADJUSTMENT / CROSSING	LS	1	\$ 6,500	6,500
20	PAINT, YELLOW STRIPING	LF	50	\$ 35	1,750
21	PIPE, 2" PVC (CLASS B BACKFILL)	LF	170	\$ 85	14,450
22	PIPE, 6" PVC (CLASS B BACKFILL)	LF	795	\$ 96	76,320
23	PIPE, 8" PVC (CLASS B BACKFILL)	LF	1375	\$ 100	137,500
24	REDUCER, 8" X 4" DI FLGxMJ	EA	1	\$ 1,100	1,100
25	REDUCER, 8" X 6" DI FLGxMJ	EA	2	\$ 1,100	2,200
26	ROAD, DRIVEWAY RESTORATION IN-KIND	LS	1	\$ 8500	8500
27	ROAD, ACP TRENCH PATCH	SY	1001	\$ 65	65,065
28	TEE, 6" DI MJxFLGxMJ	EA	1	\$ 900	900
29	TEE, 8" DI MJxFLGxMJ	EA	1	\$ 1,200	1,200
30	TEE, 8" X 6" X 8" DI MJxFLGxMJ	EA	6	\$ 1,100	6,600
31	WM RECONNECT	EA	33	\$ 2,500	82,500
32	WM RELOCATE	EA	3	\$ 6,500	19,500

Total 549,185

[CO1] create new Line Item 33 - New FH, 4-ft-bury - \$4,206.19 / ea - (add 2 units)

[CO1] create new Line Item 34 - New FH, 5-ft-bury - \$4,400.60 / ea - (add 1 unit)

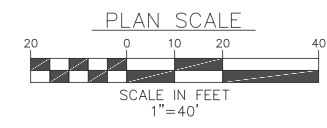


IMPROVEMENT NOTES:

- 1 RECONNECT EXTG WATER METER TO NEW WATERLINE AND REPLACE SRVC LINE, TYP. FIELD-VERIFY WATER METER LOCATION, SRVC SIZE, AND REPLACE IN-KIND. SEE SHTs D1 AND D2. SEE POSSIBLE UTILITY CONFLICTS IN RESPECTIVE PROFILE VIEW. SEE SHEET NOTES 1 - 3
- 2 ABANDON EXTG WL IN PLACE. COORDINATE WITH MWD FOR EXTG UTILITY SHUTOFF. FIELD-VERIFY MATERIAL. EXTG WL MAY BE ASBESTOS CONCRETE (AC), STEEL, PVC OR OTHER. CAP PER SHT D9
- 3 EXTG MAILBOX, PROTECT IN PLACE. RELOCATE PER SHTs D17 AND D18
- 4 ALIGNMENT 3 PIPE RUN ON SHTs C6 - C10
- 5 ALIGNMENT 2 PIPE RUN ON SHTs C3 - C5
- 6 EXTG FIRE HYDRANT. RECONNECT TO NEW WL, SEE SHT D4. INSTALL 8" x 6" DI MJxFLGxMJ T WITH A 6" FLGxMJ GV AND 10LF OF 6" PIPE CONNECTING TO FH.
- 7 EXTG FIRE HYDRANT AT DEAD END. USE EXTG FH FOR NEW FH LOCATION SHOWN ON EAST SIDE OF 87606 RICE RD FENCELINE PER SHT C6. SHUT EXTG WATER VALVE (WV) AND ABANDON IN PLACE (AIP). PRESERVE DEAD END WATERLINE TO SERVE HOMES.

1
C1

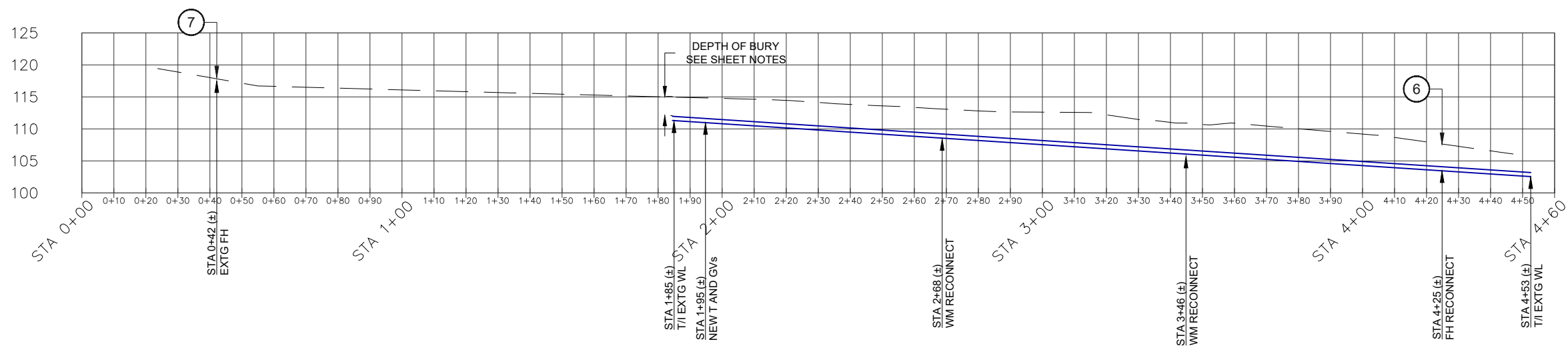
PLAN STA 0+00 - 5+00



2
C1

PROFILE STA 0+00 - 5+00

SCALE HORZ 1"=40'
VERT 1"=20'



SHEET NOTES:

1. PLANS AND PROFILES ARE FOR ILLUSTRATIVE PURPOSES AND SHOW APPROXIMATE LOCATIONS FOR UTILITIES AND FEATURES. CONTRACTOR SHALL CONTACT "ONE CALL" FOR UTILITY LOCATES AND WATER METER LOCATES PRIOR TO THE START OF ANY EXCAVATION.
2. CONTRACTOR SHALL POTHOLE EXISTING UTILITIES PRIOR TO NEW WL CONSTRUCTION TO CONFIRM EXISTING UTILITY DEPTH, LOCATION, AND FITTING REQUIREMENTS. POTHOLING PLAN AND FINDINGS TO BE REPORTED TO ENGINEER. CONTRACTOR TO BACKFILL POTHOLES PER SHT D16.
3. TYPICAL BURY FOR NEW WL SHALL BE 36" TO TOP OF PIPE. ADJUST DEPTH OF BURY AS REQUIRED TO MAINTAIN CONSTANT GRADE.
4. BORE 2-INCH WATER SERVICE LINES AND OTHER SMALL-DIAMETER LINES WHEREVER PRACTICAL TO MINIMIZE SURFACE DISTURBANCE AND AVOID "CHECKERBOARDING" THE ROADWAY. ANY WATER METER (WM) ALONG A PAVED ROAD SHOULD BE DIRECTIONALLY DRILLED (DD). ANY WM ALONG A GRAVEL ROAD CAN BE DD OR OPEN-TRENCHED.
5. REMOVE AND DOUBLE-BAG ASBESTOS CONCRETE (AC) PIPE WITH REQUIRED LABELING. DISPOSE PER OAR 340-248 AND OSHA 29 CFR 1926.1101.
6. SEE RESPECTIVE ROADWAY IMPROVEMENT SHEETS FOR ROAD RESTORATION REQUIREMENTS.
7. INSTALL THRUST BLOCKING AT ALL FITTINGS PER SHT D5.
8. ANY WATER VALVE (WV) NOT IN THE ASPHALT (ACP) ROADWAY SHOULD BE INSTALLED WITH A CONCRETE PAD PER SHT D6.
9. CONTRACTOR TO MAINTAIN PROPOSED ALIGNMENT AND USE FITTINGS AND/OR JOINT DEFLECTION AS NEEDED.

Remove existing FH on Alignment 1 STA 4+25. Install new 5-ft-bury FH in same location
+1 Line Item 34

leave existing FH untouched and active

see Sheet C6

CHANGE
ORDER 1
PLANS

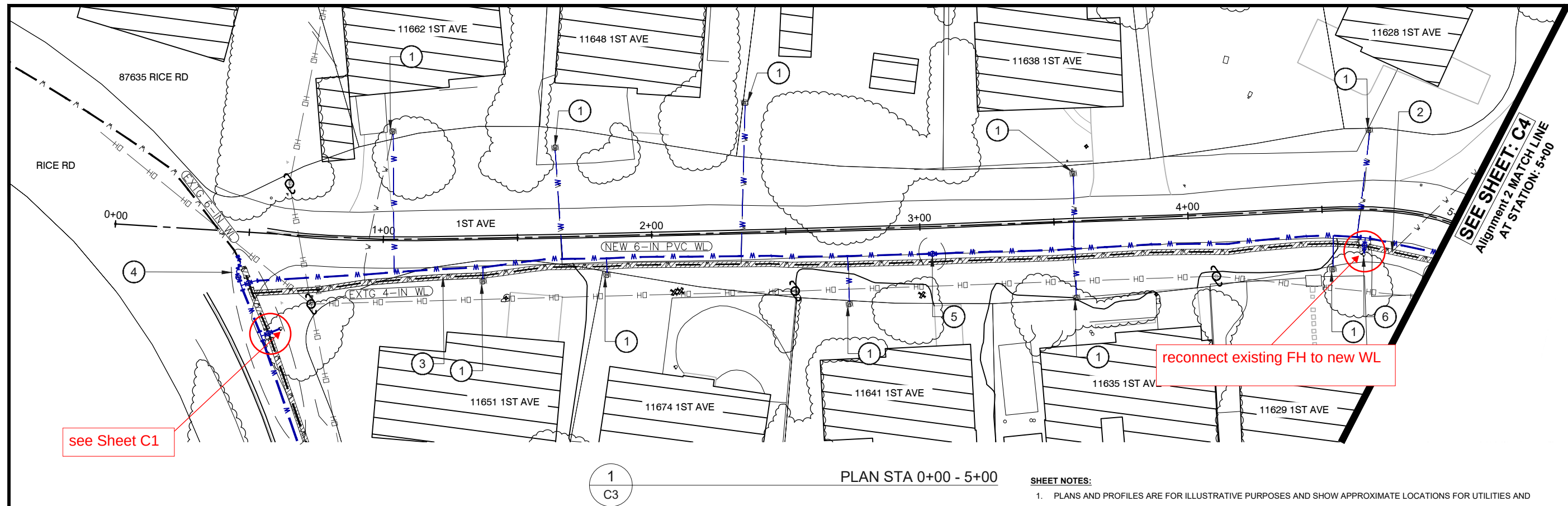


541-264-7040
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409 SW 10TH ST.
NEWPORT OR 97365

REV.	DATE	DESCRIPTION	BY

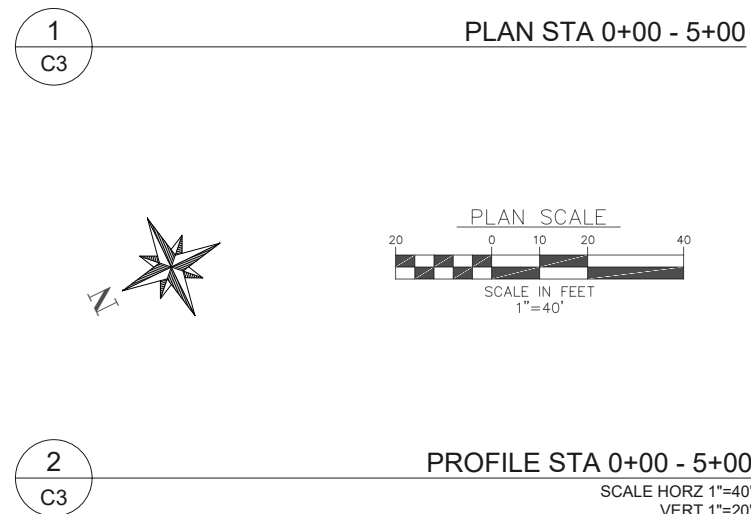
DESIGNED BY: LMC	DRAWN BY: LMC	CHECKED BY: SDL
PROJECT NO: 2201-008		

MAPLETON WATER DISTRICT
LANE COUNTY, OREGON
RICE ROAD PIPELINE REPLACEMENT
ALIGNMENT 1 UTILITY WORK STA 0+00 - 5+00



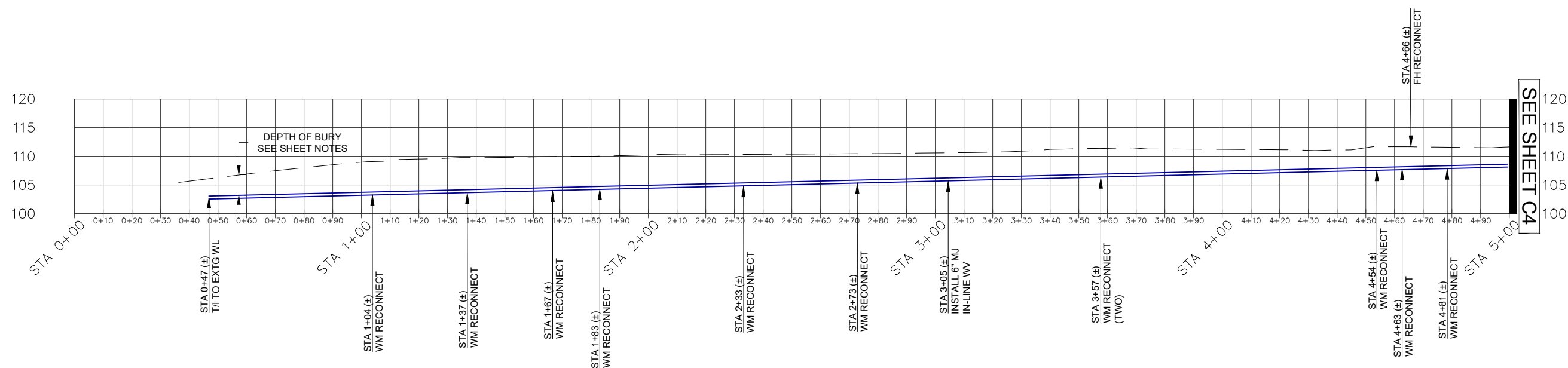
IMPROVEMENT NOTES:

- 1 RECONNECT EXTG WATER METER TO NEW WATERLINE AND REPLACE SRVC LINE, TYP. FIELD-VERIFY WM LOCATION, SRVC SIZE, AND REPLACE IN-KIND. SEE SHTs D1 AND D2. SEE POSSIBLE UTILITY CONFLICTS IN RESPECTIVE PROFILE VIEW. SEE SHEET NOTES 1 - 3.
- 2 RELOCATE AND RECONNECT EXTG WATER METER BELONGING TO 11622 1ST AVE TO NEW WATERLINE AND REPLACE SRVC LINE. SEE SHT C4. FIELD-VERIFY WM LOCATION, SRVC SIZE, AND REPLACE IN-KIND. SEE SHTs D1 AND D2.
- 3 ABANDON EXTG WATERLINE IN PLACE. COORDINATE WITH MWD FOR EXTG UTILITY SHUTOFF. FIELD-VERIFY MATERIAL. EXTG WL MAY BE AC, STEEL, PVC OR OTHER. CAP PER SHT D9.
- 4 ALIGNMENT 1 PIPE RUN ON SHTs C1 AND C2
- 5 INSTALL NEW IN-LINE 6" MJxMJ GV
- 6 EXTG FIRE HYDRANT. RECONNECT TO NEW WL, SEE SHT D4. INSTALL 6" DI MJxFLGxMJ T WITH A 6" FLGxMJ GV AND 10LF OF 6" PIPE CONNECTING TO FH.



SHEET NOTES:

1. PLANS AND PROFILES ARE FOR ILLUSTRATIVE PURPOSES AND SHOW APPROXIMATE LOCATIONS FOR UTILITIES AND FEATURES. CONTRACTOR SHALL CONTACT "ONE CALL" FOR UTILITY LOCATES AND WATER METER LOCATES PRIOR TO THE START OF ANY EXCAVATION.
2. CONTRACTOR SHALL POTHOLE EXISTING UTILITIES PRIOR TO NEW WL CONSTRUCTION TO CONFIRM EXISTING UTILITY DEPTH, LOCATION, AND FITTING REQUIREMENTS. POTHOLING PLAN AND FINDINGS TO BE REPORTED TO ENGINEER. CONTRACTOR TO BACKFILL POTHoles PER SHT D16.
3. TYPICAL BURY FOR NEW WL SHALL BE 36" TO TOP OF PIPE. ADJUST DEPTH OF BURY AS REQUIRED TO MAINTAIN CONSTANT GRADE.
4. BORE 2-INCH WATER SERVICE LINES AND OTHER SMALL-DIAMETER LINES WHEREVER PRACTICAL TO MINIMIZE SURFACE DISTURBANCE AND AVOID "CHECKERBOARDING" THE ROADWAY. ANY WATER METER (WM) ALONG A PAVED ROAD SHOULD BE DIRECTIONALLY DRILLED (DD). ANY WM ALONG A GRAVEL ROAD CAN BE DD OR OPEN-TRENCHED.
5. REMOVE AND DOUBLE-BAG ASBESTOS CONCRETE (AC) PIPE WITH REQUIRED LABELING. DISPOSE PER OAR 340-248 AND OSHA 29 CFR 1926.1101.
6. SEE RESPECTIVE ROADWAY IMPROVEMENT SHEETS FOR ROAD RESTORATION REQUIREMENTS.
7. INSTALL THRUST BLOCKING AT ALL FITTINGS PER SHT D5.
8. ANY WATER VALVE (WV) NOT IN THE ASPHALT (ACP) ROADWAY SHOULD BE INSTALLED WITH A CONCRETE PAD PER SHT D6.
9. CONTRACTOR TO MAINTAIN PROPOSED ALIGNMENT AND USE FITTINGS AND/OR JOINT DEFLECTION AS NEEDED.



CHANGE ORDER 1 PLANS



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NEWPORT OR 97365

REV.	DATE	DESCRIPTION	BY

DESIGNED BY: LMC	DRAWN BY: LMC	CHECKED BY:	SOL
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PROJECT NO: 2201-008

MAPLETON WATER DISTRICT
LANE COUNTY, OREGON

RICE ROAD PIPELINE REPLACEMENT

ALIGNMENT 2 UTILITY WORK STA 0+00
- 5+00

C3

MAY 2026

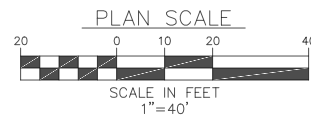
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Engineering Services, Inc.

NEWPORT OR 97365
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- ① RECONNECT EXTG WATER METER TO NEW WATERLINE AND REPLACE SRVC LINE, TYP. FIELD-VERIFY MW LOCATION, SRVC SIZE, AND REPLACE IN-KIND. SEE SHTS D1 AND D2. SEE POSSIBLE UTILITY CONFLICTS IN RESPECTIVE PROFILE VIEW. SEE SHEET NOTES 1 - 3.
- ② EXTG 3" SRVC LINE RUNNING BETWEEN 11610 AND 11616 1ST AVE. SRVC LINE CONNECTED TO EXTG BLOWODD NEAR 87533 RICE RD AND SERVES OTHER PROPERTIES. COORDINATE SRVC TRANSFER WITH MWD. ABANDON IN PLACE AND CAP PER SHT D9
- ③ ABANDON EXTG WL IN PLACE. COORDINATE WITH MWD FOR EXTG UTILITY SHUTOFF. FIELD-VERIFY MATERIAL. EXTG WL MAY BE AC, STEEL, PVC OR OTHER. CAP PER SHT D9.
- ④ ALIGNMENT 3 PIPE RUN CONTINUES ON SHTs C6 - C10
- ⑤ RELOCATE WATER METERS (2 TOTAL) PER SHT D3 AND CONNECT TO NEW WL. EXISTING WATER METERS LOCATED BETWEEN BOTH PROPERTIES NEAR BACK YARD. CONTRACTOR TO COORDINATE WITH MWD FOR CUSTOM REROUTING TO TIE INTO EXISTING PLUMBING
- ⑥ EXTG MAILBOX, PROTECT IN PLACE. RELOCATE PER SHTS D17 AND D18

PLAN STA 5+00 - 10+00

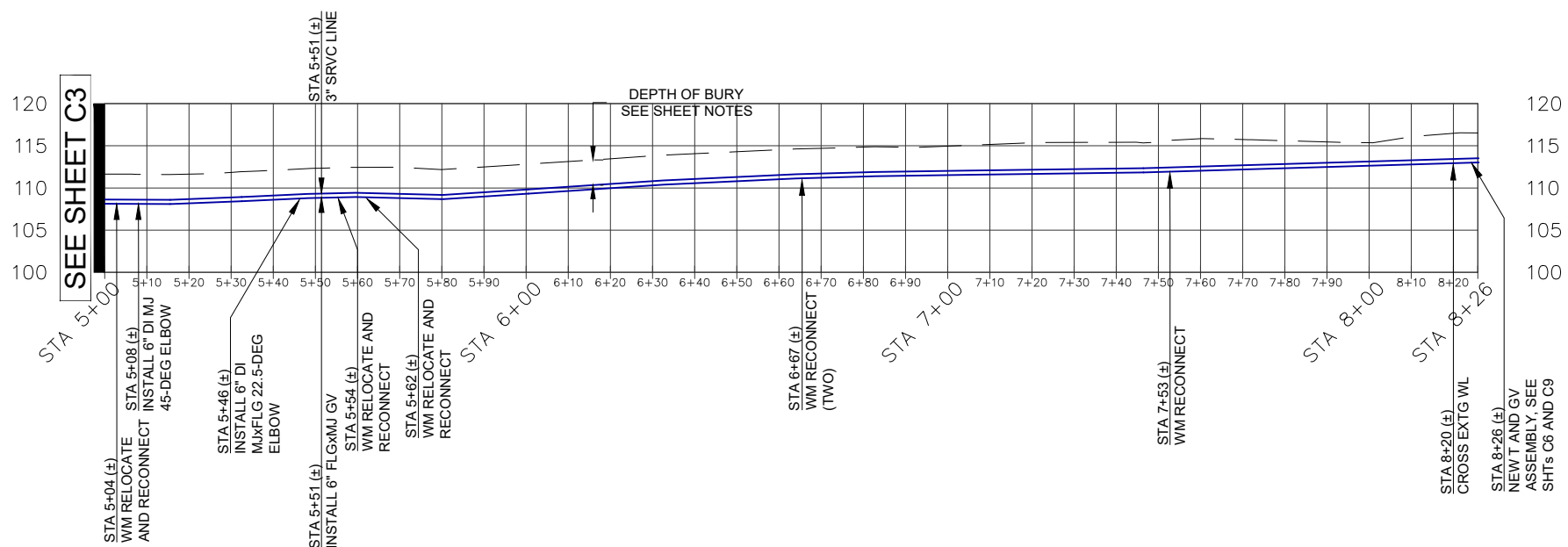


SHEET NOTES:

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5. REMOVE AND DOUBLE-BAG ASBESTOS CONCRETE (AC) PIPE WITH REQUIRED LABELING. DISPOSE PER OAR 340-248 AND OSHA 29 CFR 1926.1101.
6. SEE RESPECTIVE ROADWAY IMPROVEMENT SHEETS FOR ROAD RESTORATION REQUIREMENTS.
7. INSTALL THRUST BLOCKING AT ALL FITTINGS PER SHT D5.
8. ANY WATER VALVE (WV) NOT IN THE ASPHALT (ACP) ROADWAY SHOULD BE INSTALLED WITH A CONCRETE PAD PER SHT D6.
9. CONTRACTOR TO MAINTAIN PROPOSED ALIGNMENT AND USE FITTINGS AND/OR JOINT DEFLECTION AS NEEDED.

PROFILE STA 5+00 - 10+00

SCALE HORZ 1"=40'
VERT 1"=20'



MAPLETON WATER DISTRICT
LANE COUNTY, OREGON

RICE ROAD PIPELINE REPLACEMENT

ALIGNMENT 2 UTILITY WORK STA 5+00
- 10+00

Date _____ Sheet No. _____

C4

MAY 2026

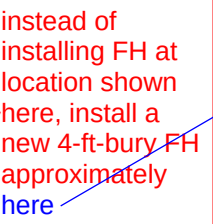
NEWPORT 97363

+1 Line Item 33



MAPLETON WATER DISTRICT LANE COUNTY, OREGON	RICE ROAD PIPELINE REPLACEMENT	ALIGNMENT 3 UTILITY WORK STA 0+00 - 5+00
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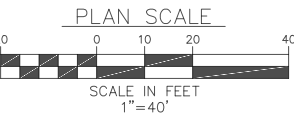
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+1 Line Item 33

- 

PLAN STA 0+00 - 5+00



SCALE HORZ 1"=40'
VERT 1"=20'



DATE:4/22/26 FILE:N:\2201 Mapleton Water District\2201-008 Rice Road Pipeline Replacement\03 Design Services\CAD\DWGs\Value\des.dwg

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3. TYPICAL BURY FOR NEW WL SHALL BE 36" TO TOP OF PIPE. ADJUST DEPTH OF BURY AS REQUIRED TO MAINTAIN CONSTANT GRADE.
4. BORE 2-INCH WATER SERVICE LINES AND OTHER SMALL-DIAMETER LINES WHEREVER PRACTICAL TO MINIMIZE SURFACE DISTURBANCE AND AVOID "CHECKERBOARDING" THE ROADWAY. ANY WATER METER (WM) ALONG A PAVED ROAD SHOULD BE DIRECTIONALLY DRILLED (DD). ANY WM ALONG A GRAVEL ROAD CAN BE DD OR OPEN-TRENCHED.
5. REMOVE AND DOUBLE-BAG ASBESTOS CONCRETE (AC) PIPE WITH REQUIRED LABELING. DISPOSE PER OAR 340-248 AND OSHA 29 CFR 1926.1101.
6. SEE RESPECTIVE ROADWAY IMPROVEMENT SHEETS FOR ROAD RESTORATION REQUIREMENTS.
7. INSTALL THRUST BLOCKING AT ALL FITTINGS PER SHT D5.
8. ANY WATER VALVE (WV) NOT IN THE ASPHALT (ACP) ROADWAY SHOULD BE INSTALLED WITH A CONCRETE PAD PER SHT D6.
9. CONTRACTOR TO MAINTAIN PROPOSED ALIGNMENT AND USE FITTINGS AND/OR JOINT DEFLECTION AS NEEDED.

- 1 RECONNECT EXTG WATER METER TO NEW WATERLINE AND REPLACE SRVC LINE, TYP. FIELD-VERIFY WATER METER LOCATION, SRVC SIZE, AND REPLACE IN-KIND. SEE SHTs D1 AND D2. SEE POSSIBLE UTILITY CONFLICTS IN RESPECTIVE PROFILE VIEW. SEE SHEET NOTES 1 - 3.
- 2 EXTG BLOWOFF BEHIND 87533 RICE RD HOME. PRESUMED TO BE CONNECTED TO 3" SRVC SHOWN ON SHT C4. FIELD-VERIFY LOCATION, REMOVE AND ABANDON
- 3 INSTALL NEW BLOWOFF PER SHT D8
- 4 ABANDON EXTG WATERLINE IN PLACE. COORDINATE WITH MWD FOR EXTG UTILITY SHUTOFF. FIELD-VERIFY MATERIAL. EXTG WL MAY BE AC, STEEL, PVC OR OTHER. CAP PER SHT D9.
- 5 INSTALL 2" SRVC LINE ON 8" WATERLINE TO SERVE CUL-DE-SAC RESIDENTS. BORE SRVC PER SHEET NOTE 4
- 6 INSTALL 8" IN-LINE MJxMJ GV

SHEET NOTES:

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IMPROVEMENT NOTES:

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2. EXTG BLOWOFF BEHIND 87533 RICE RD HOME. PRESUMED TO BE CONNECTED TO 3" SRVC SHOWN ON SHT C4. FIELD-VERIFY LOCATION, REMOVE AND ABANDON
3. INSTALL NEW BLOWOFF PER SHT D8
4. ABANDON EXTG WATERLINE IN PLACE. COORDINATE WITH MWD FOR EXTG UTILITY SHUTOFF. FIELD-VERIFY MATERIAL. EXTG WL MAY BE AC, STEEL, PVC OR OTHER. CAP PER SHT D9.
5. INSTALL 2" SRVC LINE ON 8" WATERLINE TO SERVE CUL-DE-SAC RESIDENTS. BORE SRVC PER SHEET NOTE 4
6. INSTALL 8" IN-LINE MJxMJ GV

NO FHs ON SHEET C7

PLAN STA 5+00 - 10+00

PROFILE STA 5+00 - 10+00

SCALE HORZ 1"=40'
VERT 1"=20'

DEPTH OF BURY
SEE SHEET NOTES

STA 6+65 (±)
WM RECONNECT
(TWO)

STA 7+19 (±)
8" MJxMJ GV

STA 7+52 (±)
WM RECONNECT
(TWO)

STA 8+60 (±)
WM RECONNECT

STA 9+23 (±)
WM RECONNECT

STA 9+43 (±)
WM RECONNECT

STA 9+63 (±)
WM RECONNECT

STA 10+00 (±)
NEW 2" WL FOR
CUL-DE-SAC

SEE SHEET C6

SEE SHEET C8

NEWPORT OR 97365

[illegible]

RICE ROAD PIPELINE REPLACEMENT

ALIGNMENT 3 UTILITY WORK STA 5+00
- 10+00

MAY 2026

Civil West
Engineering Services, Inc.

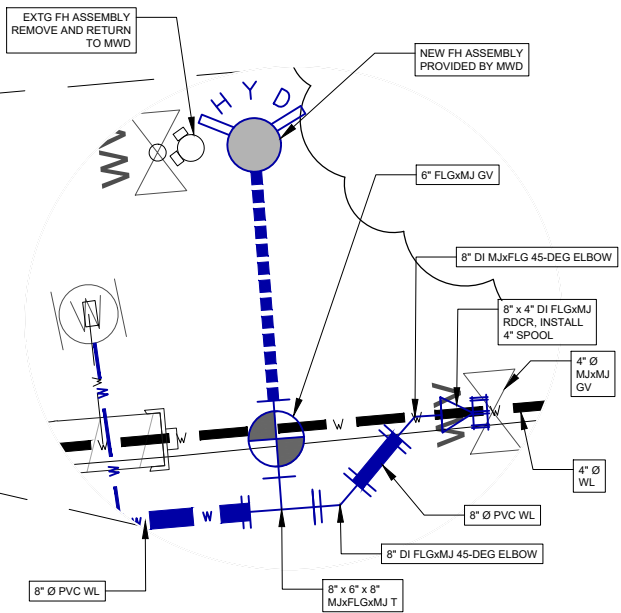
NEWPORT OR 97365

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			LMC	
PROJECT NO: 2201-008				

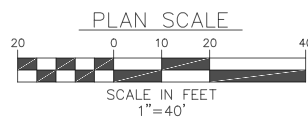
RICE ROAD PIPELINE REPLACEMENT

ALIGNMENT 3 UTILITY WORK STA 10+00
- 13+00

C8
MAY 2026

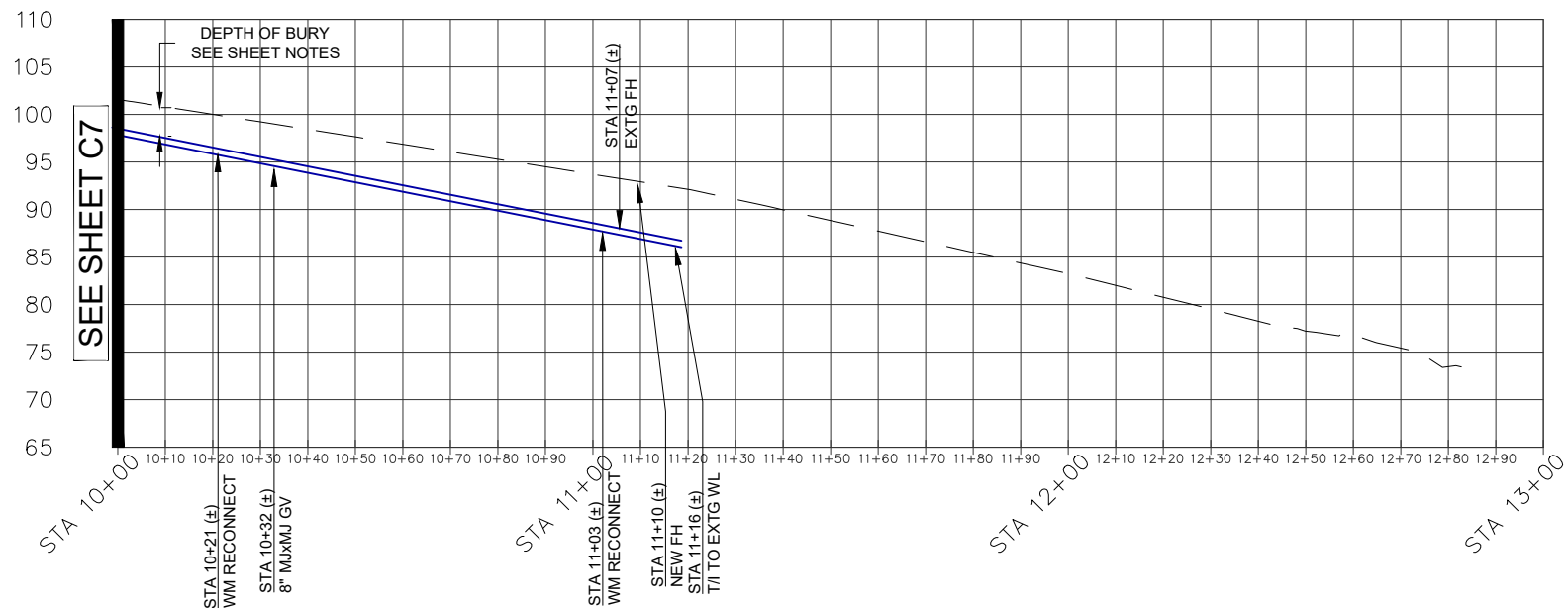


- ① RECONNECT EXTG WATER METER TO NEW WATERLINE AND REPLACE SRVC LINE, 1" P.
FIELD-VERIFY WATER METER LOCATION, SRVC SIZE, AND REPLACE IN-KIND. SEE SHTs D1 AND D2.
SEE POSSIBLE UTILITY CONFLICTS IN RESPECTIVE PROFILE VIEW. SEE SHEET NOTES 1 - 3.
- ② ABANDON EXTG WATERLINE IN PLACE. COORDINATE WITH MWD FOR EXTG UTILITY SHUTOFF.
FIELD-VERIFY MATERIAL. EXTG WATERLINE MAY BE AC, STEEL, PVC OR OTHER. CAP PER SHT D9.
- ③ 3" SRVC SHOWN ON SHTs C4 AND C7. COORDINATE SRVC TRANSFER WITH MWD. ABANDON IN
PLACE AND CAP PER SHT D9
- ④ EXTG FIRE HYDRANT TO BE REMOVED AND RETURNED TO MWD. NEW FH TO BE INSTALLED AS
SHOWN. NEW FH FOR THIS LOCATION TO BE PROVIDED BY MWD.
- ⑤ INSTALL NEW IN-LINE 8" MjxMj GV



SCALE HORZ 1"=40'
VERT 1"=20'

1. PLANS AND PROFILES ARE FOR ILLUSTRATIVE PURPOSES AND SHOW APPROXIMATE LOCATIONS FOR UTILITIES AND FEATURES. CONTRACTOR SHALL CONTACT "ONE CALL" FOR UTILITY LOCATES AND WATER METER LOCATES PRIOR TO THE START OF ANY EXCAVATION.
2. CONTRACTOR SHALL POTHOLE EXISTING UTILITIES PRIOR TO NEW WL CONSTRUCTION TO CONFIRM EXISTING UTILITY DEPTH, LOCATION, AND FITTING REQUIREMENTS. POTHOLING PLAN AND FINDINGS TO BE REPORTED TO ENGINEER. CONTRACTOR TO BACKFILL POTHoles PER SHT D16.
3. TYPICAL BURY FOR NEW WL SHALL BE 36" TO TOP OF PIPE. ADJUST DEPTH OF BURY AS REQUIRED TO MAINTAIN CONSTANT GRADE.
4. BORE 2-INCH WATER SERVICE LINES AND OTHER SMALL-DIAMETER LINES WHEREVER PRACTICAL TO MINIMIZE SURFACE DISTURBANCE AND AVOID "CHECKERBOARDING" THE ROADWAY. ANY WATER METER (WM) ALONG A PAVED ROAD SHOULD BE DIRECTIONALLY DRILLED (DD). ANY WM ALONG A GRAVEL ROAD CAN BE DD OR OPEN-TRENCHED.
5. REMOVE AND DOUBLE-BAG ASBESTOS CONCRETE (AC) PIPE WITH REQUIRED LABELING. DISPOSE PER OAR 340-248 AND OSHA 29 CFR 1926.1101.
6. SEE RESPECTIVE ROADWAY IMPROVEMENT SHEETS FOR ROAD RESTORATION REQUIREMENTS.
7. INSTALL THRUST BLOCKING AT ALL FITTINGS PER SHT D5.
8. ANY WATER VALVE (WV) NOT IN THE ASPHALT (ACP) ROADWAY SHOULD BE INSTALLED WITH A CONCRETE PAD PER SHT D6.
9. CONTRACTOR TO MAINTAIN PROPOSED ALIGNMENT AND USE FITTINGS AND/OR JOINT DEFLECTION AS NEEDED.

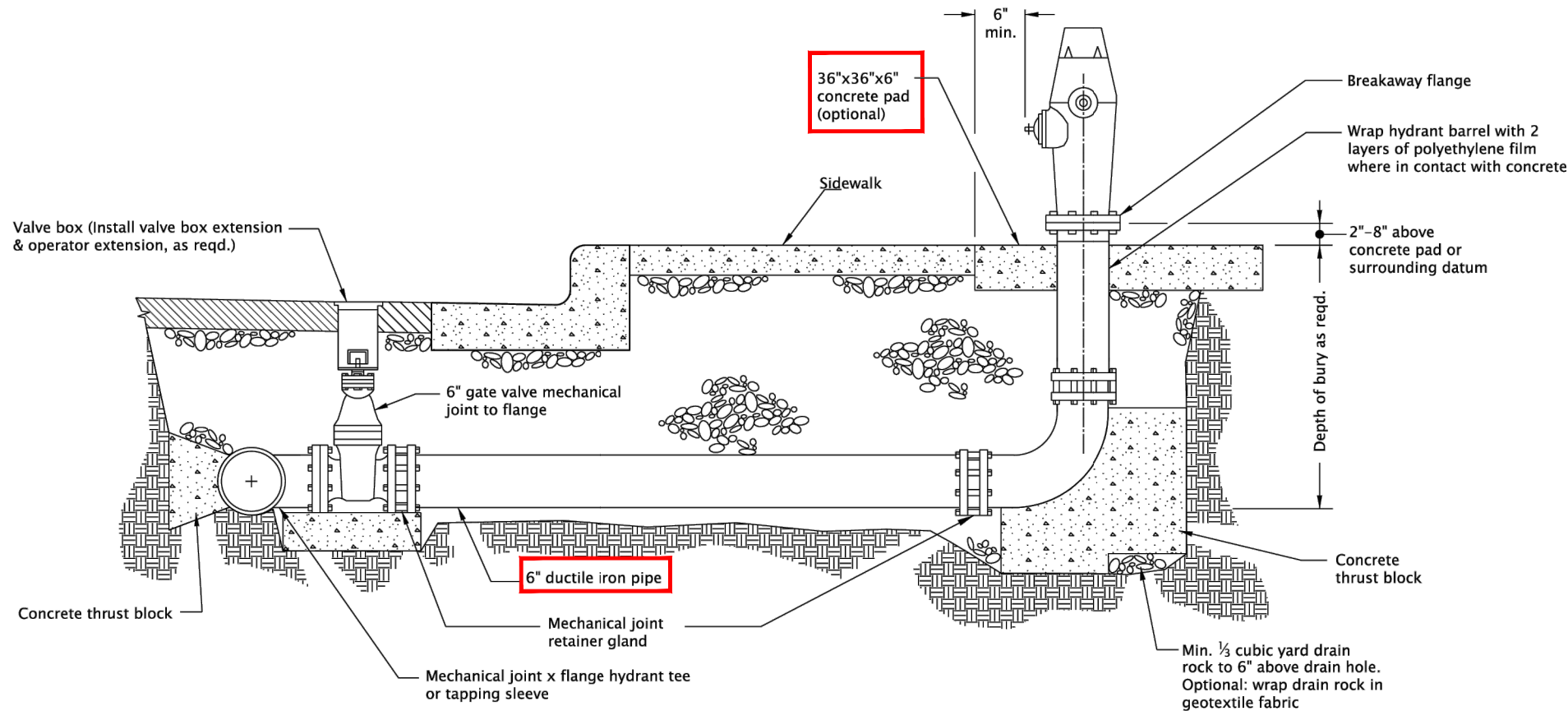


CHANGE
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PLANS



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409 SW 10TH ST.
NEWPORT OR 97365



HYDRANT ASSEMBLY

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. When pipe is shorter than 18', no joints allowed. Use mechanical joint retainers glands. Two 3/4" galvanized tie rods may be used in lieu of thrust blocks for installations less than 18' long. Coat tie rods with two coats of coal tar epoxy.

2. When pipe is longer than 18' retainers glands not required.

3. There shall be a minimum of 18" horizontal clearance around hydrant.

4. When placed adjacent to curb, hydrant port shall be 24" from face of curb.

5. Concrete thrust blocks shall be constructed as per thrust blocking Std. Dwg. RD250. Do not block drain holes.
6. Extensions required for hydrant systems shall be installed to the manufacturer's specifications.

7. Hydrants shall be placed to provide a minimum of 5' clearance from driveways, poles, and other obstructions.

8. Hydrant pumper port shall face direction of access.

9. Set hydrant plumb in all directions.

10. See project plans for details not shown.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
HYDRANT INSTALLATION			
2024			
DATE	REVISION DESCRIPTION		
CALC. BOOK NO.	N/A	SDR DATE	25-JUL-2017
RD254			

MAPLETON WATER DISTRICT LANE COUNTY, OREGON	RICE ROAD PIPELINE REPLACEMENT	FIRE HYDRANT
Sheet No.	D4	
Date	MAY 2026	

Civil West
Engineering Services, Inc.

NEWPORT OR 97365

REV.	DATE	DESCRIPTION	BY
DESIGNED BY: LMC		DRAWN BY: LMC	CHECKED BY: SDL
PROJECT NO.: 2201-008			

WATER VALVE

Sheet No. **D6**
Date **MAY 2026**



1. Valve box not to rest on operating assembly.
2. Operator extension required when valve nut is deeper than 4' from finish grade.
3. Center valve box on axis of operator nut.
4. Valves 12" and smaller shall be provided with compacted aggr. base on undisturbed ground. Valves greater than 12" shall be installed on precast concrete block, (4" thick).
5. Welds shall be minimum $\frac{1}{4}$ " all around.
6. Hot dip galvanize operator extension after fabrication.
7. Casting shall meet H20 load requirement.
8. Provide concrete or asphalt pad (24" square, 4" thick), when required.
9. See project plans for details not shown.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS
VALVE BOX AND
OPERATOR EXTENSION
ASSEMBLY

2024

DATE	REVISION DESCRIPTION

CALC. BOOK NO.	N/A	SDR DATE	25-JUL-2017	RD258
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