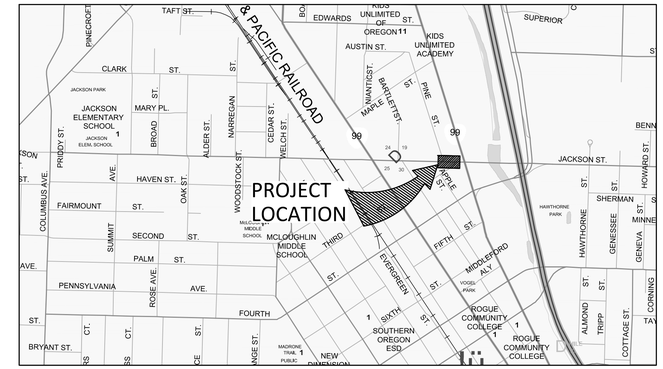
CITY OF MEDFORD GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE 2018 APWA/ODOT STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, OREGON CHAPTER, AS AMENDED BY THE CURRENT SET OF ODOT SPECIAL PROVISIONS.
2. STORM DRAIN PIPE SHALL BE AS INDICATED ON THE PROJECT PLANS. PRIVATE STORM DRAIN PIPE (4", 6", & 8") SHALL BE PVC CONFORMING TO ASTM D-3034. EACH SERVICE TERMINATION POINT SHALL BE MARKED WITH A PAINTED 2"x4", PER OREGON STANDARD DRAWING RD310, AND STORM DRAIN DETECTOR TAPE SHALL BE USED.
3. ALL STORM DRAIN CURB INLETS SHALL BE CITY OF MEDFORD TYPE 4A WITH A 12" SUMP, PER STANDARD DRAWING DET1372, AND A 4' CURB OPENING UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL STORM DRAIN MANHOLES SHALL BE IN CONFORMANCE WITH ODOT STANDARD DRAWING RD335 WITH A CITY OF MEDFORD MODIFICATION REQUIRING ALL MANHOLES TO BE CONCENTRIC WITHOUT STEPS.
4. ALL ALL SANITARY SEWER PIPES SHALL HAVE WATER-TIGHT JOINTS. PVC AND POLYPROPYLENE PIPE JOINTS SHALL CONFORM TO ASTM D-3212 (TESTABLE JOINTS). PRE-MANUFACTURED TEES SHALL BE USED FOR LATERALS CONNECTING TO NEW SANITARY SEWER MAINS. EXCEPT PRE-MANUFACTURED WYES SHALL BE USED FOR THE LAST SEWER LATERAL CONNECTION ON THE EXTREME UPSTREAM END (TOP) OF ANY MAIN LINE AND ANY LATERAL CONNECTION WITHIN 20' OF THAT LAST LATERAL CONNECTION.
5. ALL WORK ON GRAVITY STORM DRAIN AND SANITARY SEWER SYSTEMS SHALL BEGIN AT THE LOWEST POINT. DO NOT LEAVE OUT SECTIONS OF THE SYSTEM AND RESTART AT A HIGHER POINT. CAP/PLUG SANITARY SEWER DAILY DURING CONSTRUCTION.
6. BUILDING PERMITS ARE REQUIRED PRIOR TO CONSTRUCTION OF PRIVATE STORM DRAIN LINES.
7. ALL GIVEN PIPE LENGTHS AND SLOPES ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
8. WHERE CONNECTING TO AN EXISTING PIPE, THE CONTRACTOR SHALL EXPOSE THE END OF THE EXISTING PIPE AND ALLOW THE ENGINEER TO VERIFY EXACT LOCATION AND ELEVATION BEFORE LAYING ANY NEW PIPE ON THE SYSTEM.
9. ALL TRENCH BACKFILL SHALL CONFORM TO CITY OF MEDFORD STANDARDS AND BE PER ODOT STANDARD DRAWING RD300.
10. GRANULAR MATERIALS SHALL BE OBTAINED FROM A CITY APPROVED SOURCE. CONTRACTOR SHALL NOTIFY THE CITY ENGINEER OF THE MATERIAL SOURCE PRIOR TO ANY GRANULAR MATERIAL PLACEMENT. CONTRACTOR SHALL NOT CHANGE MATERIAL SOURCE WITHOUT PRIOR APPROVAL FROM THE CITY ENGINEER.
11. STABILIZATION FABRIC SHALL CONFORM TO ODOT 2018 SPECIAL PROVISIONS 02320.
12. PLACEMENT OR STORAGE OF SPOILS FROM THE EXCAVATION OF UTILITIES OR SEWER LINE TRENCHES IS NOT PERMITTED ON HARD SURFACE STREETS WITHIN PUBLIC RIGHT-OF-WAY. SPOILS STORED IN OTHER RIGHT-OF-WAY AREAS SHALL BE COVERED TO PREVENT EROSION.
13. ALL CONCRETE SHALL BE 3000 PSI AT 28 DAYS UNLESS OTHERWISE SPECIFIED.
14. THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND STRUCTURES ARE APPROXIMATE. THERE MAY EXIST UTILITIES THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION.
15. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE PREQUALIFIED WITH THE CITY OF MEDFORD ENGINEERING DIVISION AND THE MEDFORD WATER COMMISSION PRIOR TO STARTING WORK. CONTRACTOR SHALL NOTIFY OREGON UTILITY NOTIFICATION CENTER (1-800-322-2344), CITY OF MEDFORD ENGINEERING (541-774-2100), ROGUE VALLEY SEWER SERVICE (541-664-6300), AND THE MEDFORD WATER COMMISSION (541-774-2438) 48 HOURS PRIOR TO STARTING WORK.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE VARIOUS UTILITY COMPANIES REGARDING INSTALLATION REQUIREMENTS FOR THEIR FACILITIES.
17. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN AND SECURE APPROVAL OF THE PLAN FROM THE APPROPRIATE AGENCY AT LEAST FIVE (5) WORKING DAYS PRIOR TO STARTING WORK.
18. THE CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN AND/OR MAINTAIN EXISTING PUBLIC STREETS OF SOIL OR OTHER DEBRIS DEPOSITED BY CONSTRUCTION OPERATIONS AND REPAIR ALL STREETS DAMAGED BY CONSTRUCTION OPERATIONS IN A TIMELY MANNER TO AVOID INCONVENIENCES OR HAZARDS TO THE PUBLIC.
19. THE CONTRACTOR SHALL NOT PERFORM WORK WITHOUT AGENCY INSPECTIONS WHERE INSPECTIONS ARE REQUIRED BY THE SPECIFICATIONS.
20. REQUESTS BY THE CONTRACTOR FOR CHANGES TO THE PLANS MUST BE APPROVED BY THE CONSULTING ENGINEER AND THE AGENCY'S ENGINEER BEFORE CHANGES ARE IMPLEMENTED.
21. VERTICAL DATUM: NGVD29 PER CITY OF MEDFORD.
22. BASIS OF BEARING: CENTERLINE OF EAST FOURTH STREET BETWEEN NORTH BARTLETT STREET AND APPLE STREET.

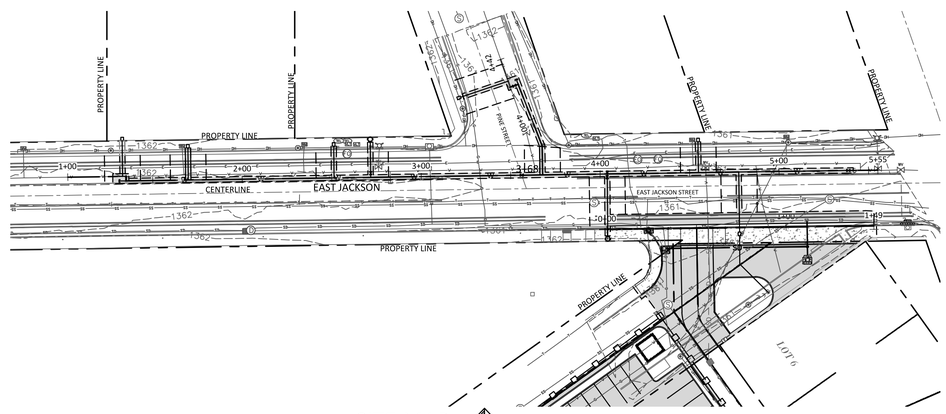
MWC GENERAL WATER NOTES

1. THE WATER FACILITY PLANNING/DESIGN/CONSTRUCTION PROCESS WILL BE DONE IN ACCORDANCE WITH THE CURRENT MEDFORD WATER COMMISSION (MWC) "REGULATIONS GOVERNING WATER SERVICE" AND "STANDARDS FOR WATER FACILITIES/FIRE PROTECTION SYSTEMS/BACKFLOW PREVENTION DEVICES."
2. SEQUENCE OF WATER FACILITY CONSTRUCTION SHALL BE COORDINATED WITH THE MWC INSPECTOR AT THE REQUIRED PRE-CONSTRUCTION MEETING PRIOR TO BEGINNING WORK.
3. FLUSH POINTS AND SAMPLE AND DISINFECTION TREES SHALL BE LOCATED AS REQUIRED BY MWC STANDARDS.
4. DEAD END MAINS SHALL BE RESTRAINED AS REQUIRED BY MWC STANDARDS.
5. SERVICE CONNECTIONS ARE TO BE INSTALLED FOR EACH PARCEL PER MWC STANDARDS (STANDARD DETAILS NOS. 100A, 100B, 100C AND 100D).
6. COVER OVER EXISTING MAINS SHALL NOT BE CHANGED WITHOUT WRITTEN AUTHORIZATION OF MWC.
7. NEW MAINS ARE TO BE PRESSURE TESTED, DISINFECTED AND PROVEN TO BE BACTERIOLOGICALLY SAFE PRIOR TO PLACING NEW MAINS IN SERVICE BY THE MWC. ONLY ONE TIE-IN LOCATION WILL BE CONNECTED UNTIL WATER SAMPLES ARE COLLECTED, TESTED AND PASS SUCCESSFULLY. PRESSURE TESTING SHALL NOT BE DONE UNTIL ALL EXCAVATION AND BACKFILL UP TO SUBGRADE HAS BEEN ESTABLISHED.
8. INITIAL BACKFILL TO TOP OF WATER MAINS AND FIRE HYDRANTS RUNS SHALL BE COMPACTED IN ACCORDANCE WITH MWC STANDARD SPECIFICATION FOR TRENCH EXCAVATION AND BACKFILL OR BACKFILL MATERIAL AND COMPACTION SHALL MEET THE REQUIREMENTS OF THE CONTROLLING AGENCY.
9. WATER MAINS AND FIRE HYDRANTS ARE TO BE INSTALLED WITH REFERENCE ALIGNMENT AND GRADE STATUS AND ONLY UPON NOTIFICATION OF THE MWC INSPECTOR.
10. FIRE HYDRANT RUNS ARE TO BE INSTALLED BEFORE CURBS AND GUTTERS. IN THE EVENT A WATER MAIN IS INSTALLED LARGER THAN EIGHT INCHES (8"), OR IF THE MAIN HAS MORE THAN THREE FEET (3') OF COVER, THE CONTRACTOR WILL BE REQUIRED TO INSTALL AN OFFSET SIMILAR TO STANDARD DETAIL 105 TO PERMIT USE OF A STANDARD THREE-FOOT SIX-INCH (3'-6") BURY FIRE HYDRANT, WHEN POSSIBLE.
11. STUBBED SERVICE RUNS SHALL BE INSTALLED PRIOR TO CURB AND GUTTER AND AFTER PUES ARE GRADED TO CURB LEVELS.
12. PLANS AND SPECIFICATIONS APPROVED BY MWC SHALL BE AVAILABLE AT SITE OF CONSTRUCTION AT ALL TIMES DURING CONSTRUCTION OF WATER FACILITIES.
13. SEPARATION OF WATER MAINS, INCLUDING WATER SERVICE LINES AND SANITARY SEWER, SHALL BE IN ACCORDANCE WITH CURRENT OREGON STATE HEALTH DIVISION RULES (OAR SECTION 333-061-0050(9)) AND/OR AS MODIFIED IN SECTION IV, ITEMS IIA AND IIB, C-8 OF THESE STANDARDS EXCEPT IN ALL CASES RUNNING PARALLEL WITH EACH OTHER,THERE SHALL BE A 10-FOOT (10') SEPARATION CENTER LINE TO CENTER LINE.
14. NO ABOVE-GROUND APPURTENANCES OR PHYSICAL STRUCTURES OF ANY KIND SHALL BE WITHIN FIVE FEET (5') HORIZONTALLY OF ANY WATER FACILITY WHETHER THAT WATER FACILITY IS ABOVE OR BELOW GROUND. THIS DISTANCE SHALL BE TEN FEET (10') HORIZONTALLY WHERE WATER AND SANITARY SEWER FACILITIES ARE CONCERNED.
15. NO BELOW-GROUND UTILITY LINES OR OTHER SERVICE OF ANY KIND SHALL BE WITHIN FIVE FEET (5') HORIZONTALLY OF ANY WATER FACILITY WHEN RUNNING PARALLEL TO THE WATER FACILITY.
16. NO BELOW-GROUND UTILITY LINES OR OTHER SERVICE OF ANY KIND SHALL BE WITHIN SIX INCHES (6") VERTICALLY OF ANY WATER FACILITY WHEN RUNNING APPROXIMATELY PERPENDICULAR TO THE WATER FACILITY. THIS DISTANCE SHALL BE EIGHTEEN INCHES (18") VERTICALLY WHEN WATER AND SANITARY SEWER FACILITIES ARE CONCERNED.
17. BLASTING OR EXPLOSIVE WORK WILL NOT BE ALLOWED WITHIN FIFTY FEET (50') OF EXISTING WATER FACILITIES AND ONLY THEN USING PROPER INDUSTRY STANDARDS AND THROUGH A PERMIT PROCESS WITH THE FIRE DEPARTMENT OR OTHER AGENCY JURISDICTION.
18. MWC REQUIRES "POLY PIGS" TO BE USED ON ALL NEWLY LAID WATER LINES.
19. ONLY STATE OF OREGON-APPROVED BACKFLOW PREVENTION ASSEMBLIES SHALL BE INSTALLED.
20. ALL DRY TAP WATER SERVICES, AIR RELEASE VALVES AND BACKFLOW PREVENTION ASSEMBLIES SHALL BE INSTALLED BY A MWC PRE-QUALIFIED INSTALLER.
21. COPIES OF THE MWC'S STANDARD SPECIFICATIONS CAN BE OBTAINED FROM THE MEDFORD WATER COMMISSION'S WEBSITE WWW.MEDFORDWATER.ORG.
22. CONTRACTOR TO RESTRAIN ALL VALVES AND FITTINGS.

CIVIL IMPROVEMENT PLANS
FOR
JACKSON ST IMPTS AND 3RD ST VACATION
LOCATED AT THE INTERSECTION OF
JACKSON ST AND 3RD ST
CITY OF MEDFORD
JACKSON COUNTY, OREGON



VICINITY MAP
SCALE: NONE



SITE MAP
SCALE: 1" = 40'

PROJECT CONTACTS

OWNER/DEVELOPER
MEDFORD URBAN RENEWAL
HARBY WEISS
411 W 8TH STREET
MEDFORD, OR 97501
(541) 245-4125

PROJECT ENGINEER
MARQUESS & ASSOCIATES, INC.
ROBERT S. GUNTER, P.E.
1120 EAST JACKSON
MEDFORD, OR 97501
(541) 772-7115

PROJECT SURVEYOR
TO THE POINT LAND SURVEYING, LLC
JASON MARTIN, P.L.S.
230 EAST MAIN STREET
ROGUE RIVER, OR 97537
(541) 855-4280

UTILITY/AGENCY CONTACTS

WATER
MEDFORD WATER COMMISSION
JUSTON MENTEER
200 S. IVY STREET, RM 177
MEDFORD, OR 97501
(541) 774-2452

ELECTRIC
PACIFIC POWER
RYLAN WOOD
925 S. GRAPE STREET
MEDFORD, OR 97501
(541) 858-3204

NATURAL GAS
AVISTA
ELI HABERMAN OR BRIAN TAYLOR
580 BUSINESS PARK DR.
MEDFORD, OR 97504
(541) 690-0901

PUBLIC WORKS DEPTS
CITY OF MEDFORD
ALEX GEORGEVITCH, P.E.
200 S. IVY STREET
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(541) 774-2100

TELEPHONE
CENTURYLINK
150 W. STEWART AVE.
MEDFORD, OR 97501
(800) 526-3557

CABLE TV
SPECTRUM
ERIC CHASE
2067 COMMERCE DR.
MEDFORD, OR 97504
(541) 500-8992

FIBER OPTIC
HUNTER COMMUNICATIONS
MICAH SINCLAIR
801 ENTERPRISE DRIVE
CENTRAL POINT, OR 97502
(541) 414-1423

MWC QUANTITIES

8"	CLASS 52 DUCTILE IRON PIPING (POLYWRAPPED)	463 LF
4"	CLASS 52 DUCTILE IRON PIPING (POLYWRAPPED)	21 LF
FIRE HYDRANT		2

SHEET INDEX

CP0.01	COVER SHEET
CP1.01	PLAN & PROFILE
CP1.02	PLAN & PROFILE
CP3.01	DETAILS
CP3.02	DETAILS
CP3.03	DETAILS

EXISTING FEATURES

- AIR RELEASE VALVE
- BURIED GAS LINE MARKER
- CALCULATED POSITION
- FIBER OPTIC JUNCTION BOX
- FIRE HYDRANT
- FOUND SURVEY MONUMENT
- GUY ANCHOR
- (0000) SANITARY SEWER MANHOLE
- SIGN, AS NOTED
- (0000) STORM DRAIN CURB INLET
- (0000) STORM DRAIN MANHOLE
- TELEPHONE JUNCTION BOX
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- TELEVISION PEDESTAL
- TRANSFORMER
- UTILITY POLE
- WATER METER
- WATER VALVE

SYMBOL LEGEND

- EXISTING GROUND CONTOUR
- PROPOSED SURFACE CONTOUR
- ASPHALT SURFACE
- GRAVEL SURFACE
- CONCRETE SURFACE
- CONCRETE SIDEWALK
- AIR RELEASE VALVE
- CATCH BASIN
- CLEAN OUT
- CURB INLET
- DITCH INLET
- FIRE HYDRANT
- FIRE VAULT
- MANHOLE
- REDUCER
- STREET LIGHT
- THRUST BLOCK
- TREE/FOLIAGE
- WARNING SURFACE
- WATER SERVICE
- WATER VALVE

ABBREVIATIONS

AC	ASPHALT SURFACE	LT	LEFT OFFSET
ARV	AIR RELEASE VALVE	MH	MANHOLE
BS	BOTTOM OF STEPS	OHP	OVERHEAD POWER
CB	CATCH BASIN	PP	POWER POLE
CCT	CONCRETE SURFACE	PUE	PUBLIC UTILITY EASEMENT
CL	CENTERLINE	PW	POLYWRAPPED
CO	CLEANOUT	ROW	RIGHT OF WAY
CI	CURB INLET	RT	RIGHT OFFSET
DI	DITCH INLET	SD	STORM DRAIN
DIP	DUCTILE IRON PIPE	SS	SANITARY SEWER
EX	EXISTING	SWK	SIDEWALK
FFE	FINISHED FLOOR ELEVATION	TC	TOP OF CURB
FH	FIRE HYDRANT	TF	TOP OF FOOTING
FL	FLOW LINE	TOG	TOP OF GRATE
FIB	FIBER OPTIC	TS	TOP OF STEPS
FS	FINISH SURFACE	TW	TOP OF WALL
G	GAS	W	WATER LINE
GRVL	GRAVEL	WM	WATER METER
IE	INVERT ELEVATION	(xx)	EX GRADE/FEATURE
LF	LINEAR FEET		

NOTE: ADD 1300.00' TO TRUNCATED DESIGN GRADES TO EQUAL ACTUAL ELEVATION.

MEDFORD WATER COMMISSION
APPROVED
Date 6-19-26 By Justen Menteer
System Development Engineering Technician
ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. APPROVAL OF THESE PLANS BY MEDFORD WATER COMMISSION DOES NOT REMOVE THESE RESPONSIBILITIES.

NO.	REVISION	DATE	BY
	REVISED AS CONSTRUCTED BY		

CITY OF MEDFORD - ENGINEERING DEPARTMENT

EAST JACKSON
JACKSON ST IMPTS AND 3RD ST VACATION
COVER SHEET

DRAWN BY: BRT	DATE 05/21/2026	PROJECT NO.	
CHECKED BY: RSG	DATE 06/04/2026	M26-00144	
APPROVED	DATE		
REVIEWED BY CITY TRANSPORTATION MANAGER	DATE	SHEET NO.	
REVIEWED BY CITY ENGINEER	DATE 06/22/26	CP0.01	
APPROVED BY ORDINANCE NO.	DATE		

REGISTERED PROFESSIONAL ENGINEER 72868PE DIGITALLY SIGNED OREGON MARCH 11, 2003 ROBERT SCOTT GUNTER
RENEWS: JUNE 30, 2027

MARQUESS & ASSOCIATES, INC.
CONSULTING ENGINEERS
P: 541-772-7115
F: 541-779-4079
WEB: WWW.MARQUESS.COM
1120 EAST JACKSON
MEDFORD, OR 97501

CALL BEFORE YOU DIG
1-800-332-2344
48 HOURS BEFORE BEGINNING EXCAVATION

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT 503-232-1987.

EAST JACKSON WATERLINE
3RD STREET-EAST JACKSON
MEDFORD, OREGON

COVER SHEET

REVISIONS

MAI JOB NO.	25-1255
DATE	06/04/2026
DRAWN	BRT
CHECKED	RSG

SHEET CP0.01 OF

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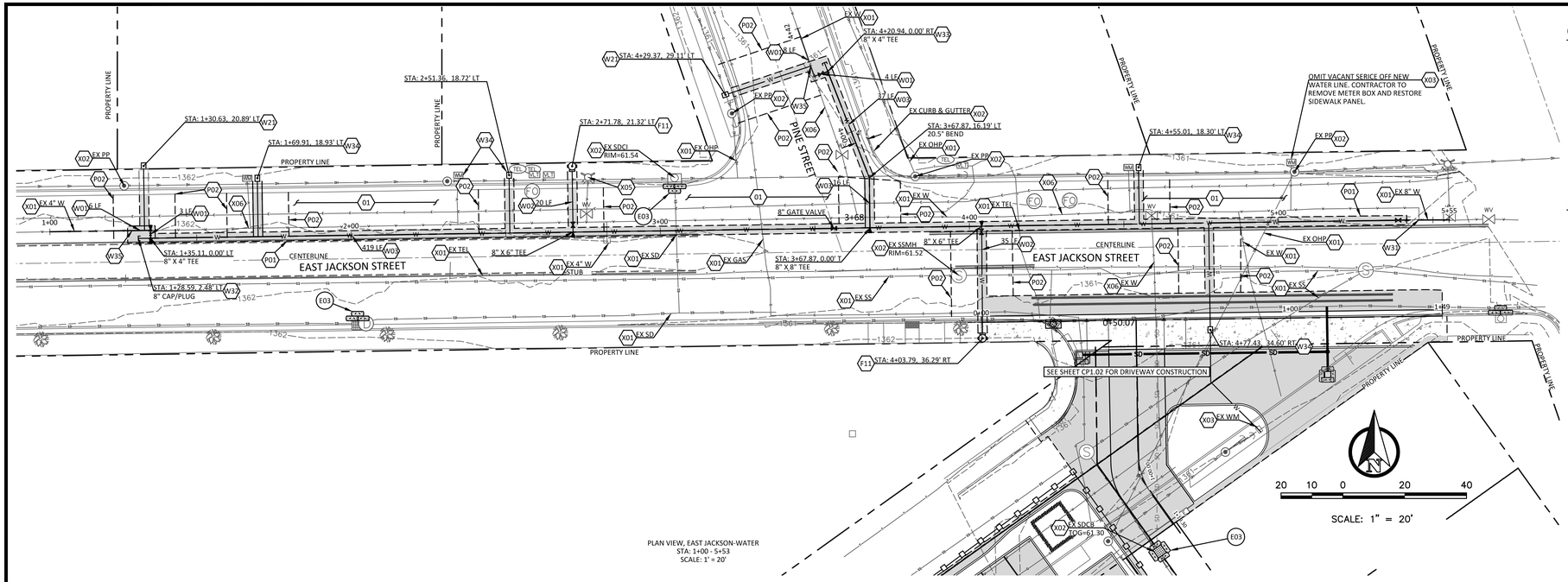
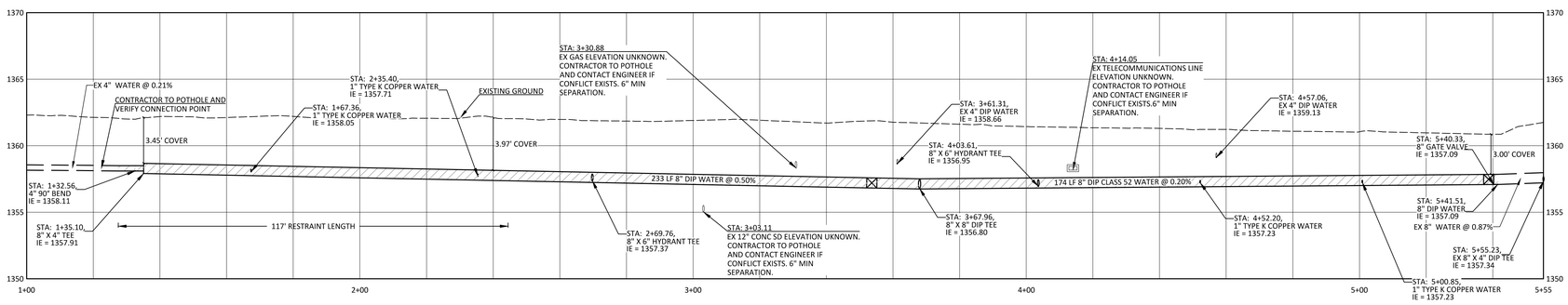
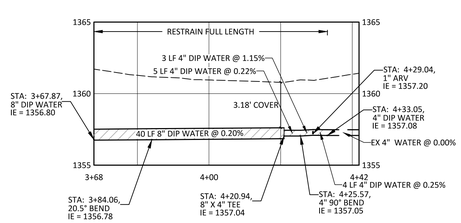


PLAN VIEW, EAST JACKSON-WATER
STA: 1+00 - 5+53
SCALE: 1' = 20'



PROFILE VIEW, EAST JACKSON-WATER
FLOW LINE
STA: 1+00 - 5+53
SCALE: 1' = 20' HORIZ.
1" = 5' VERT.



PROFILE VIEW, PINE STREET-WATER
FLOW LINE
STA: 3+68 - 4+42
SCALE: 1' = 20' HORIZ.
1" = 5' VERT.

CONSTRUCTION/GRADING NOTES

X01 *CAUTION* BURIED OR OVERHEAD UTILITY IN THIS AREA, AS NOTED. CONTRACTOR TO POTHOLE FOR VERTICAL AND HORIZONTAL LOCATION IF CONNECTION OR CROSSING IS CALLED FOR. ADVISE ENGINEER IF THERE IS A PROBLEM.

X02 PROTECT ITEM IN PLACE, AS NOTED. ADJUST TO GRADE AS NECESSARY.

X03 EXISTING ITEM TO BE REMOVED.

X04 ITEM TO BE RELOCATED. COORDINATE WITH APPROPRIATE UTILITY AGENCY.

X05 ABANDON FIRE HYDRANT BACK TO MAIN. CONTRACTOR TO REMOVE EXISTING FIRE HYDRANT AND RESTORE SIDEWALK. SALVAGER FIRE HYDRANT TO MWC SERVICE CENTER.

X06 EXISTING 4" WATER LINE TO BE ABANDONED IN PLACE.

P01 SAWCUT AND REMOVE EXISTING ASPHALT/CONCRETE TO CUT LINE. SAND & SEAL ASPHALT FOR SMOOTH TRANSITION.

P02 CONTRACTOR TO GRIND AND INLAY AT LEAST 2" DEEP AND 20' WIDE OVER ALL TRENCH CUTS.

UTILITY NOTES

W01 CONSTRUCT 4" POLYWRAPPED CLASS 52 DUCTILE IRON PIPE, MAINTAIN 36" MINIMUM COVER.

W02 CONSTRUCT 6" POLYWRAPPED CLASS 52 DUCTILE IRON PIPE, MAINTAIN 36" MINIMUM COVER.

W03 CONSTRUCT 8" POLYWRAPPED CLASS 52 DUCTILE IRON PIPE, MAINTAIN 36" MINIMUM COVER.

W22 IF HIGH POINT IS DETERMINED IN FIELD, MWC TO TAP AND RUN STANDARD AIR RELEASE VALVE. PER MWC STD DETAIL 106, SHEET C3.03. IF NO HIGH POINT EXISTING OMIT ARV.
CONTRACTOR TO PROVIDE SHORING, EXCAVATION, PUMPING, TRENCH PLATES, TRAFFIC CONTROL, BACKFILL, RESTORATION AND ASSIST MWC FORCES.

W31 CONNECT TO EX 8" WATERLINE.
- 1 - 8" GATE VALVE
- 1 - 8" MEGA LUGS
- 1 - DISINFECTION TREE PER MWC STD DETAIL 102, SHEET CP3.02

MWC TO SHUT DOWN MAIN AND INSTALL 8" TEMP VALVE. UPON ALL TEST PASSING AND ALL WATER SERVICES BEING TIED OVER, MWC TO NOTIFY FOR SHUT DOWN, PULL TEMP VALVE, PLUG EXISTING 8"X4" TEE AND COMPLETE TIE-IN. CONTRACTOR TO SUPPLY ALL MWC APPROVED PARTS INCLUDING SHORING, TRENCH PLATES, TRAFFIC CONTROL, RESURFACING, ETC.

W32 END 8" WATER LINE. (STA: 1+22.12)
- 1 - 8" X 4" TEE
- 1 - 4" GATE VALVE
- 1 - 8" PLUG
- 1 - FULL SIZE FLUSH POINT AND SAMPLE TREE PER MWC STD DETAIL 102/103, SHEET CP3.02.
- 2 - 90° BENDS AND 4" MEGA LUGS
- 1 - SOLID SLEEVES AND 4" MEGA LUGS
- 1 - CUT, CAP, BRACE, THRUST BLOCK CONNECTION POINT AGAINST EXISTING 4" WATER LINE.

UPON ALL TEST PASSING AND WATER SERVICES BEING TIED OVER, MWC TO NOTIFY FOR SHUT DOWN AND COMPLETE TIE-IN FROM NEW 8" WATER LINE TO EXISTING 4" WATER LINE AS SHOWN USING APPROVED FITTINGS, THRUST BLOCKS AND BELL RESTRAINTS IF NECESSARY. CONTRACTOR TO SUPPLY ALL MWC PARTS INCLUDING SHORING, TRENCH PLATES, TRAFFIC CONTROL, RESURFACING, ETC. AND ASSIST MWC CREWS.

W33 END 8" WATER LINE. (STA: 4+20.94)
- 1 - 8" X 4" TEE
- 1 - 4" GATE VALVE
- 1 - 8" PLUG
- 1 - FULL SIZE FLUSH POINT AND SAMPLE TREE PER MWC STD DETAIL 102/103, SHEET CP3.02.
- 2 - 90° BENDS AND 4" MEGA LUGS
- 1 - SOLID SLEEVES AND 4" MEGA LUGS
- 1 - CUT, CAP, BRACE, THRUST BLOCK CONNECTION POINT AGAINST EXISTING 4" WATER LINE.

UPON ALL TEST PASSING AND WATER SERVICES BEING TIED OVER, MWC TO NOTIFY FOR SHUT DOWN AND COMPLETE TIE-IN FROM NEW 8" WATER LINE TO EXISTING 4" WATER LINE AS SHOWN USING APPROVED FITTINGS, THRUST BLOCKS AND BELL RESTRAINTS IF NECESSARY. CONTRACTOR TO SUPPLY ALL MWC PARTS INCLUDING SHORING, TRENCH PLATES, TRAFFIC CONTROL, RESURFACING, ETC. AND ASSIST MWC CREWS.

W34 PRE-QUALIFIED CONTRACTOR TO DRY TAP AND RUN NEW 1" SERVICE LINE FOR A 5/8 X 3/4 METER PER MWC STD 101A. CONTRACTOR TO SUPPLY ALL WATER SERVICE PARTS AND BOXES. UPON ALL TEST PASSING, MWC TO SET NEW METER, CONTRACTORS PLUMBER TO TIE-OVER EXISTING SERVICE TO NEW SERVICE COORDINATE WITH MWC. MWC TO REMOVE OLD METER. CONTRACTOR TO REMOVE OLD METER BOXES AND RESTORE RIGHT OF WAY TO LIKE CONDITIONS.

W35 CONTRACTOR TO POTHOLE AND EXPLORE WITH MWC TO VERIFY AND COORDINATE CONNECTION POINT. NOTIFY ENGINEER IN CONFLICT EXISTS.

F11 CONSTRUCT STANDARD FIRE HYDRANT ASSEMBLY, PER MWC STD DETAIL NO 104, SHEET CP3.02.

D1 CONTRACTOR REPLACE IN KIND ALL STRIPING DAMAGED DURING CONSTRUCTION. ALL BACKFILL IN EXISTING STREETS SHALL BE CLSM.

CONSTRUCTION/GRADING NOTES

E03 INSTALL INLET PROTECTION (TYPE 4) BIOFILTER BAGS PER ODOT STD DWG RD1015, SHEET CP3.03.

E05 INSTALL SEDIMENT FENCE PER ODOT STD DWG RD1040, SHEET CP3.03.

E06 INSTALL CONCRETE TRUCK WASH-OUT PER ODOT STD DWG RD1070, SHEET CP3.03.

ERSOSION CONTROL LEGEND

- 1 — EROSION CONTROL CONSTRUCTION NOTE AND DETAIL REFERENCE
- PROPOSED SEDIMENT FENCE
- SURFACE SLOPE DIRECTION
- BIO-FILTER BAG, (TYPE 3)

NO.	REVISION	DATE	BY
	REVISED AS CONSTRUCTED BY		

CITY OF MEDFORD - ENGINEERING DEPARTMENT

EAST JACKSON
JACKSON ST IMPTS AND 3RD ST VACATION
PLAN & PROFILE

DRAWN BY: BRT	DATE 06/04/2026	PROJECT NO.	
CHECKED BY: RSG	DATE 06/04/2026	M26-00144	
APPROVED:	DATE		
REVIEWED BY CITY TRANSPORTATION MANAGER	DATE	SHEET NO.	
REVIEWED BY CITY ENGINEER	DATE 06/22/26	CP1.01	
APPROVED BY ORDINANCE NO.	DATE		

REGISTERED PROFESSIONAL ENGINEER 72868PE DIGITALLY SIGNED OREGON MARCH 11, 2003 ROBERT SCOTT GUNTER
RENEWS: JUNE 30, 2027

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EAST JACKSON WATERLINE

3RD STREET-EAST JACKSON

MEDFORD, OREGON

EAST JACKSON ST
PLAN & PROFILE

REVISIONS

MAI JOB NO.	25-1255
DATE	06/04/2026
DRAWN	BRT
CHECKED	RSG

SHEET CP1.01 OF

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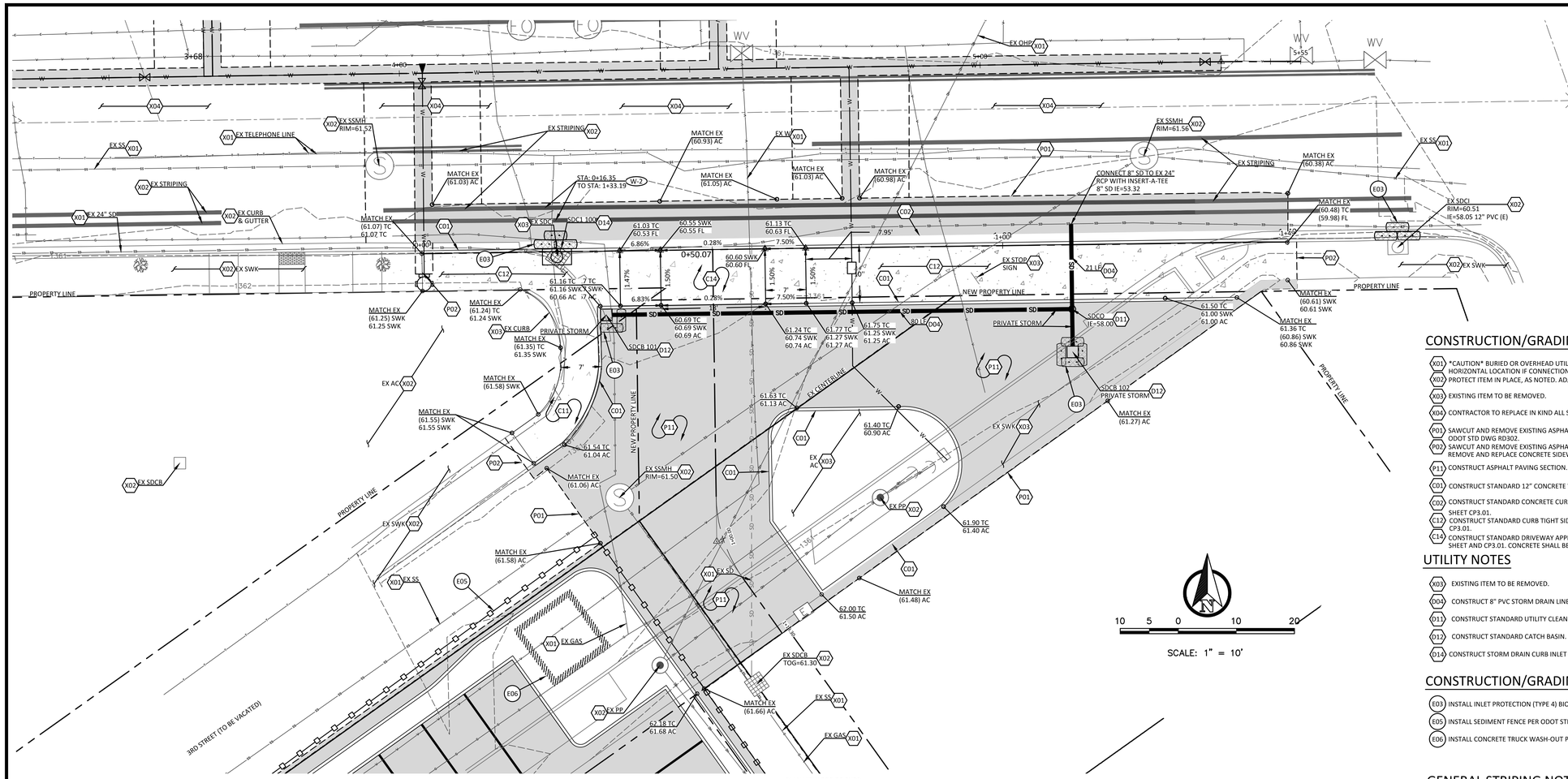
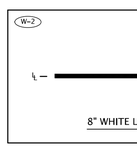
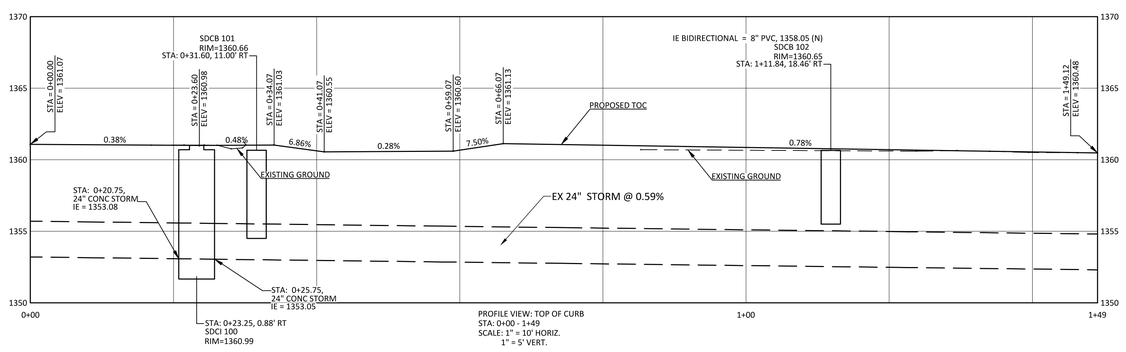
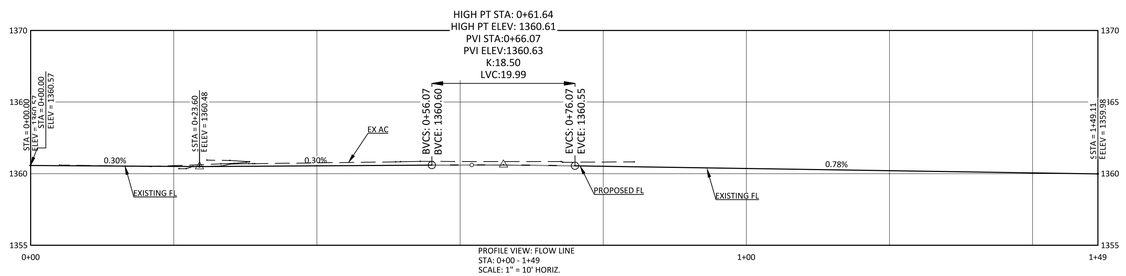


PLAN VIEW TOP OF CURB
STA: 0+00 - 1+49
SCALE: 1" = 10'





PROFILE VIEW: TOP OF CURB
STA: 0+00 - 1+49
SCALE: 1" = 10' HORIZ.
1" = 5' VERT.



PROFILE VIEW: FLOW LINE
STA: 0+00 - 1+49
SCALE: 1" = 10' HORIZ.
1" = 5' VERT.

CONSTRUCTION/GRADING NOTES

- X01 *CAUTION* BURIED OR OVERHEAD UTILITY IN THIS AREA, AS NOTED. CONTRACTOR TO POTHOLE FOR VERTICAL AND HORIZONTAL LOCATION IF CONNECTION IS CALLED FOR. ADVISE ENGINEER IF THERE IS A PROBLEM.
- X02 PROTECT ITEM IN PLACE, AS NOTED. ADJUST TO GRADE AS NECESSARY.
- X03 EXISTING ITEM TO BE REMOVED.
- X04 CONTRACTOR TO REPLACE IN KIND ALL STRIPING DAMAGED DURING WATERLINE INSTALLATION.
- P01 SAWCUT AND REMOVE EXISTING ASPHALT/CONCRETE TO CUT LINE. SAND & SEAL ASPHALT FOR SMOOTH TRANSITION PER ODOT STD DWG RD302.
- P02 SAWCUT AND REMOVE EXISTING ASPHALT/CONCRETE TO CUT LINE. SAND & SEAL ASPHALT FOR SMOOTH TRANSITION. REMOVE AND REPLACE CONCRETE SIDEWALK TO NEAREST PANEL JOINT.
- P11 CONSTRUCT ASPHALT PAVING SECTION. PER DETAIL 3, SHEET CP3.01.
- C01 CONSTRUCT STANDARD 12" CONCRETE VERTICAL CURB. PER ODOT STD DWG RD700, SHEET CP3.01.
- C02 CONSTRUCT STANDARD CONCRETE CURB & GUTTER WITH 6" CURB EXPOSURE AND 1.5' GUTTER WIDTH. PER ODOT STD DWG RD700, SHEET CP3.01.
- C12 CONSTRUCT STANDARD CURB TIGHT SIDEWALK W/ 2'X2' SCORED SQUARES $\frac{1}{2}$" TROWEL. PER ODOT STD DWG RD720, SHEET CP3.01.
- C14 CONSTRUCT STANDARD DRIVEWAY APPROACH W/ 2'X2' SCORED SQUARES $\frac{1}{2}$" TROWEL. PER PLAN & ODOT STD DWG RD750 OPTION N, THIS SHEET AND CP3.01. CONCRETE SHALL BE A MINI. OF 6" THICK WITH #4 REBAR @ 12" O.C. EACH WAY.

UTILITY NOTES

- X03 EXISTING ITEM TO BE REMOVED.
- X04 CONSTRUCT 8" PVC STORM DRAIN LINE, SLOPE @ 0.5% MIN.
- D11 CONSTRUCT STANDARD UTILITY CLEAN-OUT. PER DETAIL 1, SHEET CP3.01.
- D12 CONSTRUCT STANDARD CATCH BASIN. PER DETAIL 2, SHEET CP3.01.
- D14 CONSTRUCT STORM DRAIN CURB INLET WITH BLIND TEE. PER COM STD DWG 1372, SHEET CP3.01.

CONSTRUCTION/GRADING NOTES

- E03 INSTALL INLET PROTECTION (TYPE 4) BIOFILTER BAGS PER ODOT STD DWG RD1015, SHEET CP3.03.
- E05 INSTALL SEDIMENT FENCE PER ODOT STD DWG RD1040, SHEET CP3.03.
- E06 INSTALL CONCRETE TRUCK WASH-OUT PER ODOT STD DWG RD1070, SHEET CP3.03.

GENERAL STRIPING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIRED SPECIFICATIONS OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION (2018 EDITION).
2. REMOVE ALL EXISTING PAVEMENT STRIPING AND MARKINGS IN PROJECT STRIPING AREA PER ODOT STD. SPECIFICATIONS SECTION 00225.43 (i).
3. EXISTING MARKINGS NOT SHOWN ARE TO REMAIN IN PLACE UNLESS OTHERWISE DIRECTED BY THE ENGINEER. MARKING DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN KIND.
4. STRIPING LAYOUT TO BE PERFORMED BY THE CONTRACTOR'S SURVEYOR AND APPROVED BY THE CITY OF MEDFORD PRIOR TO FINAL PLACEMENT OF STRIPING.
5. ALL SIGNING SHALL CONFORM TO THE REQUIRED SPECIFICATIONS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) LATEST EDITION AND CURRENT CITY OF MEDFORD STANDARDS

ERSOSION CONTROL LEGEND

- (1) EROSION CONTROL CONSTRUCTION NOTE AND DETAIL REFERENCE
- PROPOSED SEDIMENT FENCE
- SURFACE SLOPE DIRECTION
- BIO-FILTER BAG, (TYPE 3)

NO.	REVISION	DATE	BY
	REVISED AS CONSTRUCTED BY		

CITY OF MEDFORD - ENGINEERING DEPARTMENT

EAST JACKSON
JACKSON ST IMPTS AND 3RD ST VACATION
PLAN & PROFILE

DRAWN BY: BRT	DATE 06/04/2026	PROJECT NO.	
CHECKED BY: RSG	DATE 06/04/2026	M26-00144	
APPROVED	DATE		
REVIEWED BY CITY TRANSPORTATION MANAGER	DATE	SHEET NO.	
REVIEWED BY CITY ENGINEER	DATE 06/22/26	CP1.02	
APPROVED BY ORDINANCE NO.	DATE		

REGISTERED PROFESSIONAL ENGINEER 72868PE OREGON MARCH 11, 2003 ROBERT SCOTT GUNTER
DIGITALLY SIGNED
RENEWS: JUNE 30, 2027

MARQUESS & ASSOCIATES ENGINEERING INC
CONSULTING ENGINEERS
P: 541-772-7115
F: 541-779-4079
WEB: WWW.MARQUESS.COM
1120 EAST JACKSON
MEDFORD, OR 97501

CALL BEFORE YOU DIG
1-800-332-2344
48 HOURS BEFORE BEGINNING EXCAVATION

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT 503-232-1987.

EAST JACKSON WATERLINE

3RD STREET-EAST JACKSON

MEDFORD, OREGON

PLAN & PROFILE

REVISIONS

MAI JOB NO.	25-1255
DATE	06/04/2026
DRAWN	BRT
CHECKED	RSG

SHEET CP1.02 OF

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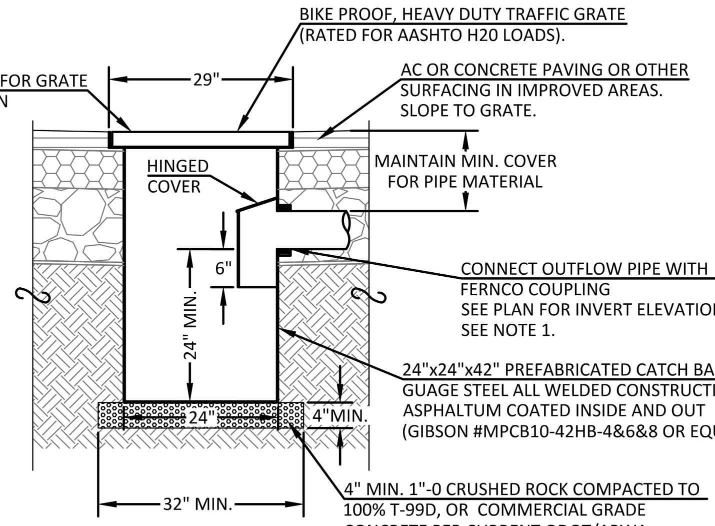
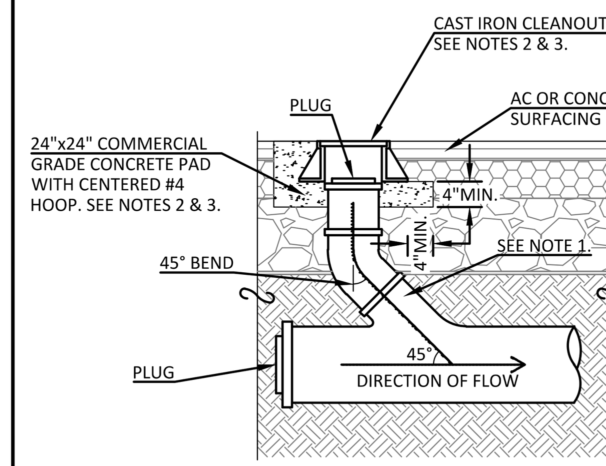
1 CATCH BASIN DETAIL
SCALE: NONE — MARQUESS & ASSOC. INC. — OCTOBER 2023



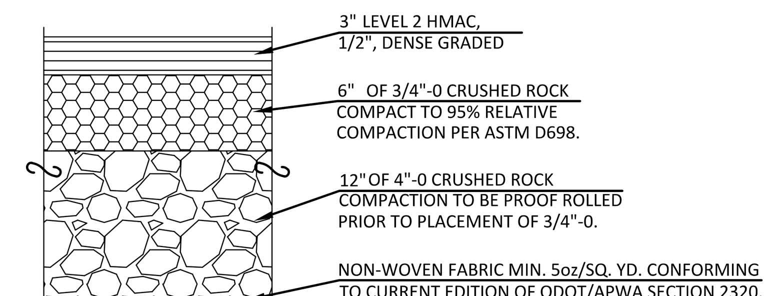
NOTES
1. CATCH BASIN IS SIZED FOR 8"Ø OUTLETS OR SMALLER.

2 CLEANOUT DETAIL
SCALE: NONE — MARQUESS & ASSOC. INC. — OCTOBER 2023

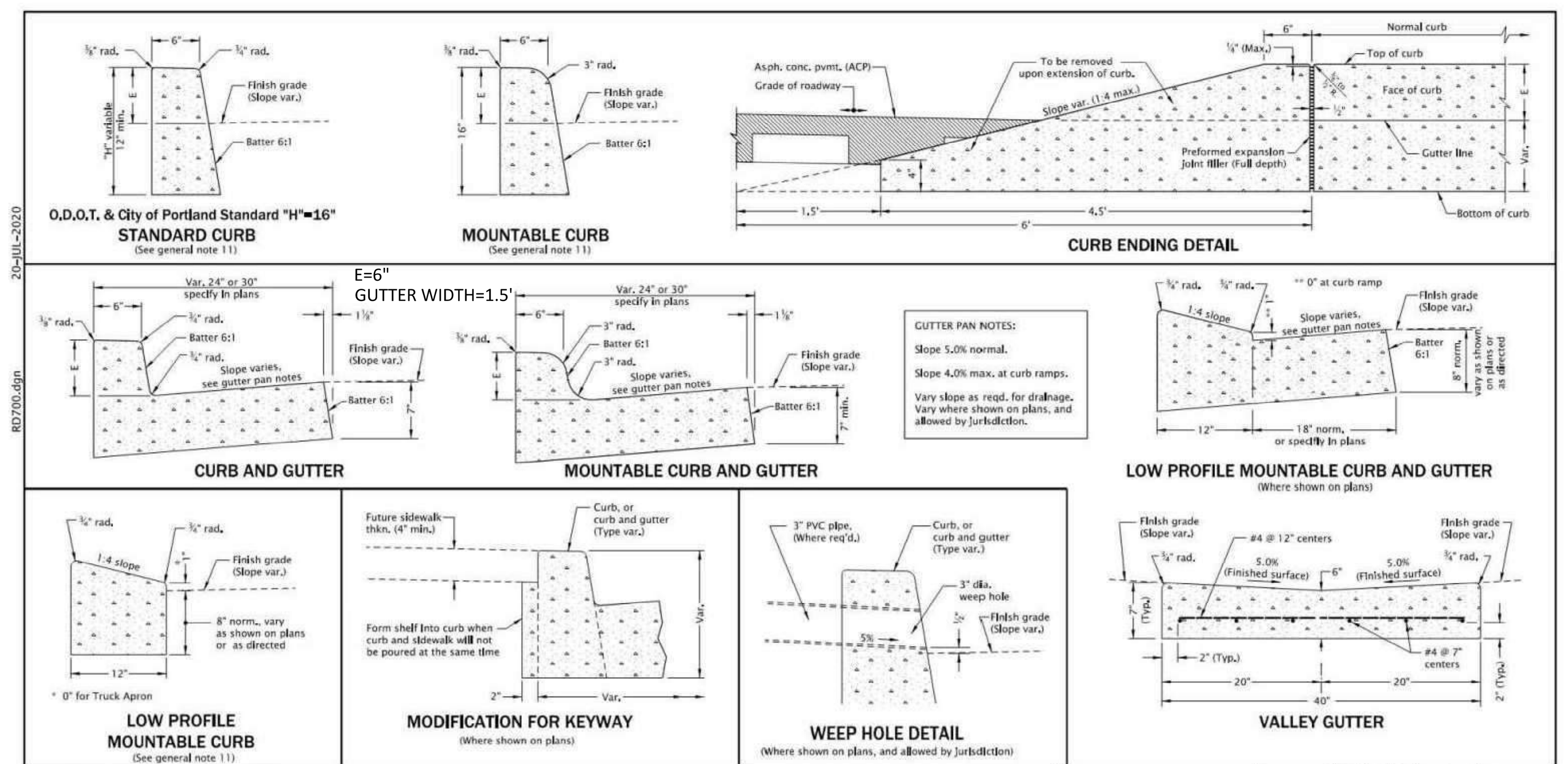


NOTES
1. ALL CLEANOUT MATERIAL AND SIZE TO BE SAME AS CARRIER PIPE UP TO 8" DIAMETER.
2. CLEANOUT RIM ELEVATION SHALL BE FLUSH WITH CONCRETE OR ASPHALT, AND CLEANOUT FRAME SHALL REST ON 4" THICK MIN. CONCRETE PAD.
3. CLEANOUT RIM ELEVATION SHALL BE 1" ABOVE FINISHED LANDSCAPE GRADE, AND CONCRETE PAD SHALL BE FLUSH WITH RIM AND EXTEND 4" MIN. BELOW BOTTOM OF CLEANOUT FRAME.

3 TYPICAL PAVEMENT SECTION
SCALE: NONE — MARQUESS & ASSOC. INC. — OCTOBER 2023



STRIP ALL VEGETATION FROM AREAS TO BE PAVED. COMPACT SUBGRADE TO 95 PERCENT RELATIVE COMPACTION ACCORDING TO ASTM D698 AT OPTIMUM MOISTURE CONTENT. SUBGRADE MUST BE HARD AND UNYIELDING.



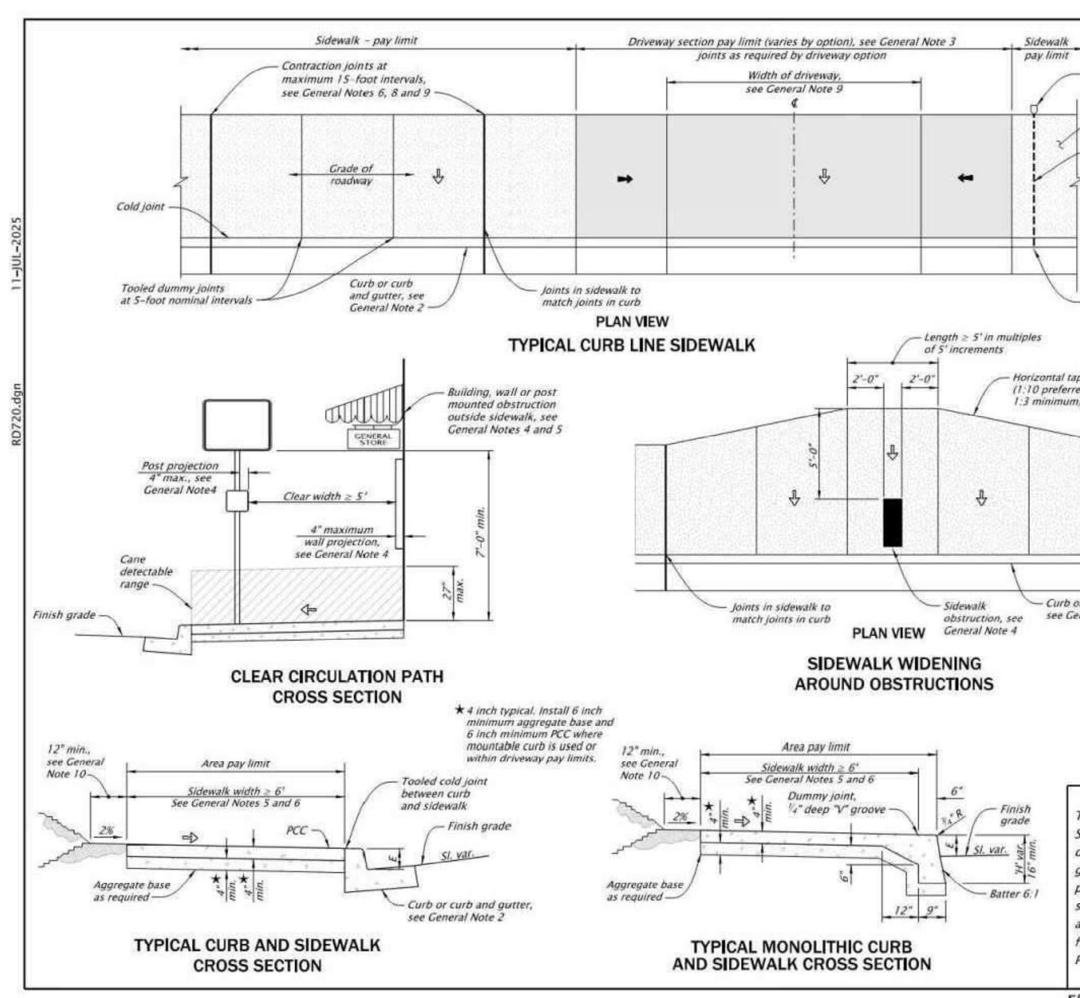
GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb exposure "E" = 6" to 9", as measured vertically from flowline to highest point on curb. Vary as shown on plans or as directed. O.D.O.T standard "E"=7".
2. Const. curb expansion joints at 200' maximum spacing, and at points of tangency, and at ends of each driveways.
3. Const. curb contraction joints at 15' maximum spacing, and at ends of each inlet and curb ramp.
4. Transitions shall be used to connect curbs of different exposures "E". ("E" is the total vertical dimension of those curb surfaces having a slope of 1:1 or steeper). Minimum desirable transition length shall be 20' for each 1" difference in "E".
5. Tops of all curbs shall slope toward the roadway at 1.5% max. (Max. 2.0% finished surface slope), unless otherwise shown, or as directed.
6. Dimensions are nominal, vary to conform with curb machine approved by the engineer.
7. Dimensions adjacent to radii are measured to the point of intersection of curb surfaces.
8. For sidewalk details, and monolithic curb & sidewalk, see Std. Dwgs. RD720 & RD721.
9. For drainage curbs, see Std. Dwg. RD701.
10. For curb ramp details, see Std. Dwgs. RD900 series.
11. On or along state highways, curb and gutter is required at curb ramp.

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
CURBS
2024
CALC. BOOK NO. N/A — SDR DATE 20-JUL-2020 — RD700

Effective Date: December 1, 2025 – May 31, 2026



GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

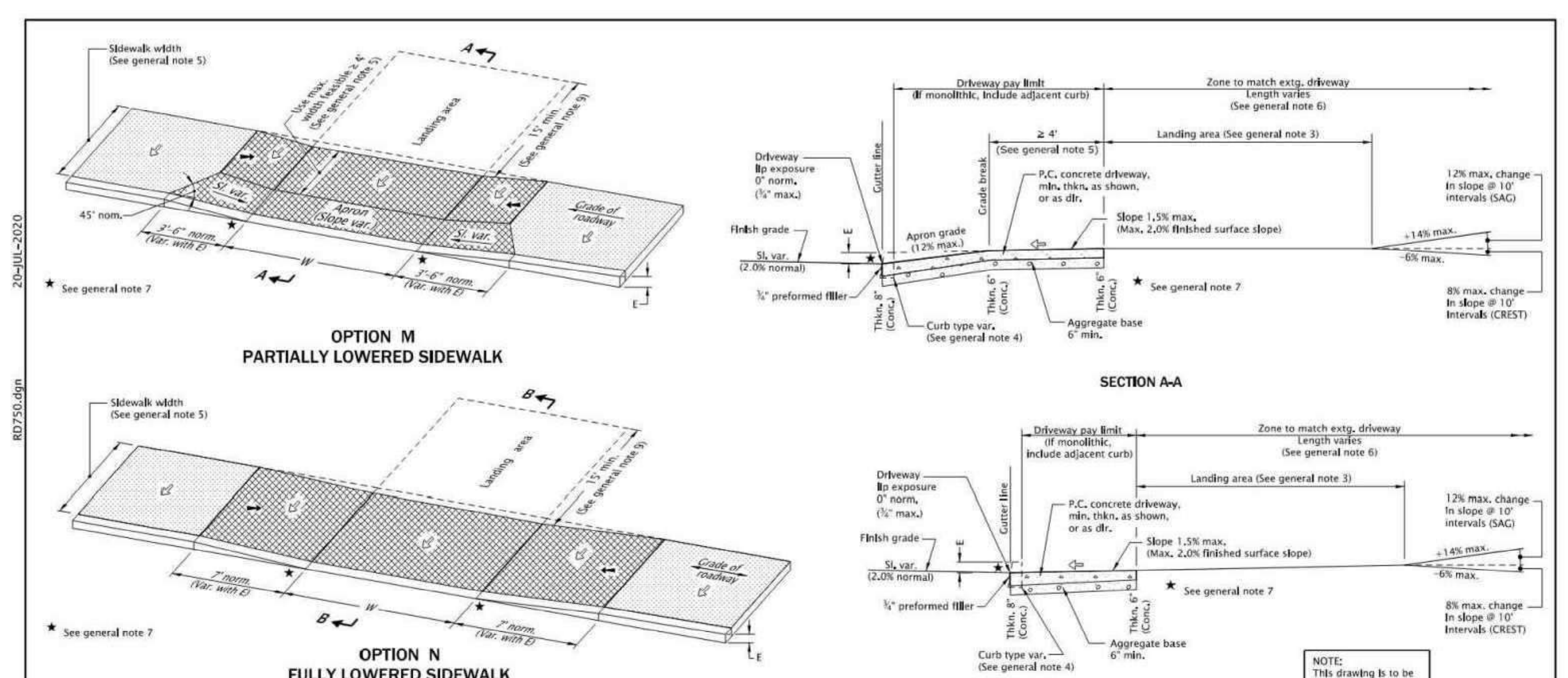
1. Sidewalk details are based on applicable ODOT standards. Curb type and sidewalk width as shown on plans or as directed.
2. For curb details, see drawings RD700, RD701 and RD702. ODOT standard E=7".
3. Fully lowered sidewalk shown; see project plans for the driveway design specified. For driveway details not shown, see drawings RD725, RD730, RD735, RD740, RD745 and RD750.
4. Objects with base below 27 inches may protrude any distance as long as the 5-foot circulation path is maintained. When an object protrudes further than 4 inches, at a height between 27 inches and 84 inches, provide a detectable treatment below protrusion to delineate edge.
5. Include additional paved or unpaved 2-foot shy distance to vertical faces higher than 5 feet such as retaining walls, sound walls, fences and buildings.
6. On sidewalks 8 feet and wider, provide a longitudinal joint at the midpoint. See drawing RD722 for dummy joint details.
7. Install 3-inch PVC weep hole pipes in sidewalks where shown on plans, and allowed by jurisdiction. Place contraction joint over top of pipe. See drawing RD700 for weep hole details. See drawing RD722 for contraction joint detail.
8. Construct contraction joints at 15-foot maximum spacing, and at ends of each curb ramp. See drawing RD722 for contraction joints details.
9. Provide expansion joints around poles, posts, boxes, at ends of each driveway, and other fixtures which protrude through or against the structures. For sidewalk, monolithic curb and sidewalk, construct expansion joints at 45-foot maximum spacing. See drawing RD722 for expansion joints details.
10. Provide compacted backfill adjacent to curb and sidewalk.

LEGEND
- Sidewalk pay limit
- Driveway pay limit, varies by option
- Cross slope 1.5% maximum (Maximum 2.0% finished surface slope) (Normal sidewalk cross slope)
- Running slope 7.5% maximum (Maximum 8.3% finished surface slope)
- E — Curb exposure, see General Note 2

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
CURB LINE SIDEWALKS
2024
02-2025 UPDATED CAD STANDARDS
07-2025 UPDATED CAD STANDARDS, REVISED DETAILS
CALC. BOOK NO. N/A — SDR DATE 11-JUL-2025 — RD720

Effective Date: December 1, 2025 – May 31, 2026



NOTE: This drawing is to be used by local agencies to assist them in the design of driveways on their facilities.

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

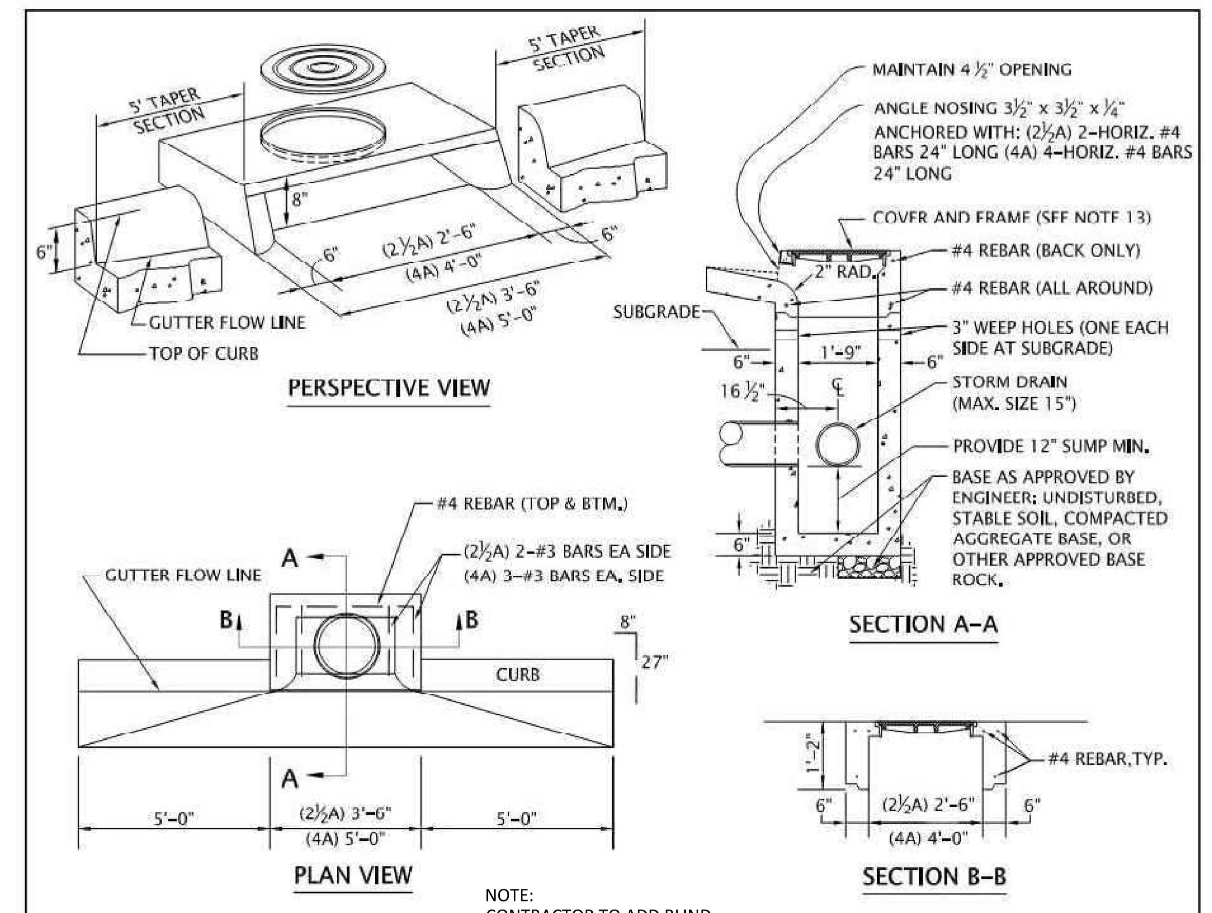
1. Details are based on applicable ODOT Standards.
2. Only use details allowed by jurisdiction.
3. The following dimensions are as shown on plans, or as directed: driveway width, driveway slope, sidewalk width, curb exposure, driveway lip exposure, landing area length and width. See project plans for details not shown.
4. Curb, gutter, and sidewalk types varies, see plans. See Std. Dwgs. RD700 & RD701 for curb details. See Std. Dwg. RD720 for sidewalk details. See Std. Dwg. RD722 for joint details.
5. A greater than or equal 4' unobstructed clear passage with cross slope 1.5% max. (Max. 2.0% finished surface slope) is required behind driveway apron.
6. Where existing driveway is in good condition, and meets slope requirements, construct only as much landing area as required for satisfactory connection with new work.
7. Check the gutter flow depth at driveway locations to assure that the design flood does not overtop the back of sidewalk at driveway. If overtopping occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
8. Construct a full depth expansion joints with 1#2" (in) preformed joint filler at ends of each driveway. Tooled joints are required at all driveway slope break lines.
9. 15' min. of the driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.
10. Monolithic curb & sidewalk shall retain thickened edge through lowered profile, to accommodate driveway use. See Std. Dwg. RD720 for details.
11. Any dimensions except those of general note 5 may be amended by local agencies for their use.

LEGEND:
- Sidewalk
- Driveway pay limit (If monolithic, include adjacent curb) (See project plans for details not shown)
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Running slope 7.5% max. (Max. 8.3% finished surface slope)
- W — Width of driveway
- E — Curb exposure

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
CURB LINE SIDEWALK DRIVEWAYS OR ALLEYS (OPTIONS M & N) LOCAL JURISDICTIONS
2024
CALC. BOOK NO. N/A — SDR DATE 20-JUL-2020 — RD750

Effective Date: December 1, 2025 – May 31, 2026



NOTE:
CONTRACTOR TO ADD BLIND TEE FOR STORM DRAIN INSTALLATION

GENERAL NOTES:
1. SURFACE CROSS-SLOPE FOR NEW CONSTRUCTION SHALL BE LESS THAN 2.0% FROM TOP OF CURB TO BACK OF SIDEWALK.
2. EXISTING CURB AND GUTTER SHALL BE REMOVED TO THE NEAREST CONTRACTION JOINT OR COLD JOINT WHEN JOINT IS WITHIN 4 FEET OF THE TRANSITION POINT.
3. ALL CONCRETE SHALL BE SAWCUT AND A SMOOTH, UNIFORM JOINT PROVIDED.
4. CURING COMPOUND SHALL BE APPLIED IMMEDIATELY AFTER SURFACE IS FINISHED; WHITE PIGMENT RECOMMENDED, CLEAR PIGMENT ACCEPTABLE.
5. FLOOR SHALL BE POURED ON: UNDISTURBED, STABLE SOIL; COMPACTED AGGREGATE BASE; OR OTHER APPROVED BASE.
6. SET SECTION JOINTS IN 1:2 MORTAR AND MORTAR JOINT SEALANT ST-8, 1" WIDE.
7. SEALANT SHALL MEET FED. SPECS. SS-S-00201 (CSA-FSS).
8. ALL CONCRETE SHALL BE FORMED AND VIBRATED TO REMOVE VOIDS.
9. CONCRETE TO BE COMMERCIAL GRADE CONCRETE (CGC) PER CURRENT OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
10. PIPE(S) SHALL BE FLUSH WITH INSIDE WALL.
11. SURFACE SHALL HAVE A FINISHED TEXTURE THAT WILL NOT BE SLICK WHEN WET (MEDIUM BROOM FINISH) OR MATCH ADJACENT SIDEWALK.
12. ALL METAL PARTS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.
13. COVER SHALL BE INLAND FOUNDRY CO. INC. 706 MANHOLE RING AND COVER (OR EQUAL), SUITABLE FOR HEAVY TRAFFIC LOADING.
14. PRECAST CONCRETE BASE MAY BE USED WITH APPROVAL OF THE CITY ENGINEER.

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

MEDFORD PUBLIC WORKS — CITY OF MEDFORD ENGINEERING DEPARTMENT DETAILS
CONCRETE CURB INLET — DETAIL NO. 1372

NO.	REVISION	DATE	BY
	REVISED AS CONSTRUCTED BY		

CITY OF MEDFORD - ENGINEERING DEPARTMENT

EAST JACKSON
JACKSON ST IMPTS AND 3RD ST VACATION
DETAILS

DRAWN BY: BRT	DATE 06/04/2026	PROJECT NO.	
CHECKED BY: RSG	DATE 05/21/2026	M26-00144	
APPROVED	DATE		
REVIEWED BY CITY TRANSPORTATION MANAGER	DATE	SHEET NO.	
REVIEWED BY CITY ENGINEER	DATE 06/22/26	CP3.01	
APPROVED BY ORDINANCE NO.	DATE		

REGISTERED PROFESSIONAL ENGINEER 72868PE DIGITALLY SIGNED OREGON MARCH 11, 2003 ROBERT SCOTT GUNTER
RENEWS: JUNE 30, 2027

MARQUESS & ASSOCIATES INC — CONSULTING ENGINEERS
P: 541-772-7115
F: 541-779-4079
WEB: WWW.MARQUESS.COM
1120 EAST JACKSON
MEDFORD, OR 97501

CALL BEFORE YOU DIG 1-800-332-2344
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EAST JACKSON WATERLINE
MEDFORD, OREGON
3RD STREET-EAST JACKSON

DETAILS

REVISIONS

MAI JOB NO.	25-1255
DATE	06/04/2026
DRAWN	BRT
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SHEET
CP3.01
OF

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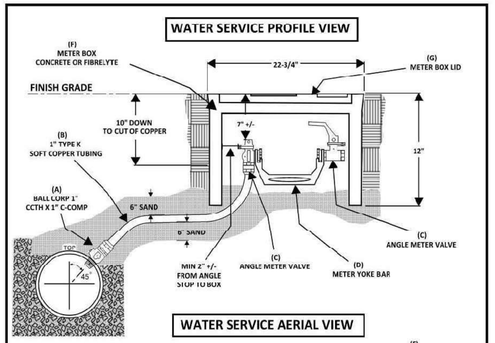
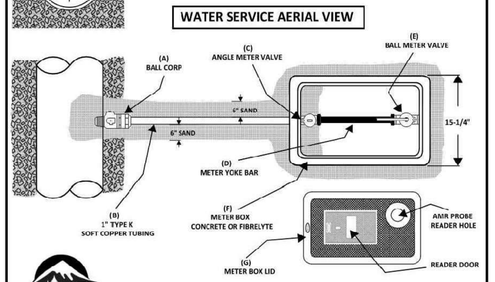
WATER SERVICE PROFILE VIEW



WATER SERVICE AERIAL VIEW



MEDFORD WATER

REV	1" WATER SERVICE WITH 5/8" x 3/4" METER SETTING
6/13/23	STANDARD DETAIL NO. 101-A1

MATERIAL LIST:

(A) BALL CORP - 1" CCTH X 1" C-COMP

Mueller: B-25008N

Ford: FB1000-4-Q-NL

(B) TYPE K SOFT COPPER TUBING - 1" (60'-100' rolls)

Cambridge: UNS No. C12200 ASTM B88

Cerro: UNS No. C12200 ASTM B88

Steam Line: UNS No. C12200 ASTM B88

(C) ANGLE METER VALVE - 5/8" x 3/4" x 1" C COMP x YOKE

Mueller: B-24273-3N

Ford: BA94-324-W-Q-NL

(D) METER YOKE BAR - 5/8" x 3/4" EPOXY COATED (L = 10-15/16" H = 3-31/32")

Mueller: H-5020 (epoxy coated only)

Ford: Y502 (epoxy coated only)

(E) BALL METER VALVE - 3/4" x 1" YOKE x FIP - W/HH-34 HANDLE

Ford Only: B91-324W-NL

(F) METER BOX FOR 5/8 x 3/4" METER SET and 1" METER SET

Christy: B12 - Concrete Box, Factory #1000050 Reinforced Concrete with Composite Cap 23" x 15" 12" Straight 0 - 2 ASTM C857, WUC 3.6

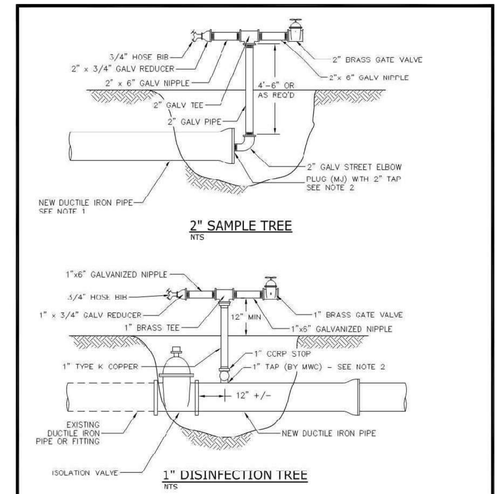
Christy: FI12 - Composite (Fibrelyte) 12" x 20" 12" Flared ANSI/SCTE-77, Tier 8

(G) METER BOX LID

Christy: B12-GP "MWC" Reinforced Concrete Lid with 5" x 8" self closing reader door and probe hole

MEDFORD WATER

REV	1" WATER SERVICE WITH 5/8" x 3/4" METER SETTING APPROVED MATERIALS
6/13/23	STANDARD DETAIL NO. 101-A2



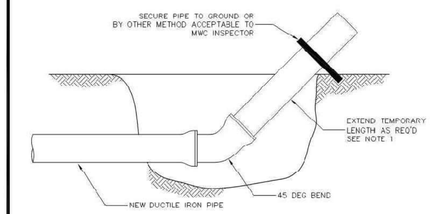
NOTES:

1. AT A MINIMUM, RESTRAIN THE LAST THREE FULL PIPE LENGTHS FOR 4", 6", AND 8" PIPE. RESTRAIN THE LAST FIVE FULL PIPE LENGTHS FOR 12" PIPE.
2. UPON COMPLETION OF REQUIRED TESTS AND AFTER CONFIRMATION OF SAMPLE RESULTS, CONTRACTOR TO REMOVE TREE ASSEMBLY IN PRESENCE OF MWC INSPECTOR. MWC TO PROVIDE EITHER 2" GALV OR 1" BRASS PLUG.

102.DWG 9/22/09

MEDFORD WATER COMMISSION

REV	SAMPLE & DISINFECTION TREES
10/09	STANDARD DETAIL NO. 102



NOTES:

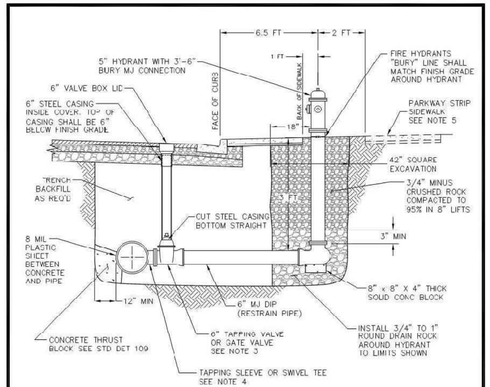
1. TEMPORARY PIPE SHALL BE SAME SIZE AS PIPE BEING FLUSHED FOR 4"-12" SIZES. FOR PIPES LARGER THAN 12", CONSULT WITH MWC FOR TEMPORARY PIPE SIZE.

   UPON COMPLETION OF FLUSHING, CONTRACTOR TO PREVENT RE-ENTRANCE OF WATER
2. INTO PIPE.

103.DWG 9/22/09

MEDFORD WATER COMMISSION

REV	FULL SIZE FLUSH POINT
10/09	STANDARD DETAIL NO. 103



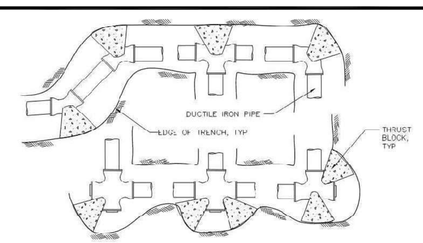
NOTES:

1. A MINIMUM OF 5 FEET OF CLEAR SPACE AROUND THE FIRE HYDRANT BARREL SHALL BE MAINTAINED AT ALL TIMES, INCLUDING INSIDE PLANTER AREAS.
2. AN OFFSET SIMILAR TO STD DETAIL 105 WILL BE REQUIRED TO USE A STANDARD 3'-6" BURY HYDRANT WHEN THE MAIN HAS GREATER THAN 3 FEET OF COVER.
3. FOR WET TAP, USE FLANGE x MJ TAPPING VALVE. FOR DRY CONNECTION, USE MJ X MJ GATE VALVE.
4. FOR WET TAP, USE TAPPING SLEEVE WITH FLANGE CONNECTION. FOR DRY CONNECTION, USE A MJ SWIVEL TEE.
5. IF PARKWAY STRIP EXISTS OR IS PLANNED, THEN FIRE HYDRANT SHALL BE LOCATED A MINIMUM OF 2 FEET FROM SIDEWALK WITHIN THE PARKWAY STRIP AREA
6. IF BOLLARDS ARE WARRANTED, PLACE THEM 3' FROM FIRE HYDRANT, PER STD. DETAIL 112.

104.DWG 9/22/09

MEDFORD WATER COMMISSION

REV	HYDRANT INSTALLATION FOR 14" MAIN AND SMALLER
10/09	STANDARD DETAIL NO. 104



THRUST BLOCK SIZING TABLE

PIPE SIZE (INCHES)	90° BEND # THRUST	90° BEND BEARING AREA	45°, 22.5°, 11.25° BEND # THRUST	45°, 22.5°, 11.25° BEND BEARING AREA	VALVES, TEES, DEAD ENDS # THRUST	VALVES, TEES, DEAD ENDS BEARING AREA
4	2700	2.0	1650	1.5	1050	1.5
6	6000	4.0	3450	2.5	4350	3.0
8	10800	7.5	6150	4.5	7650	5.5
12	24000	16.0	13650	9.5	16950	11.5

NOTE:
THRUST CALCULATIONS ARE BASED ON TEST PRESSURE OF 150 PSI AND A SOIL BEARING CAPACITY OF 1500 PSF. DESIGNER IS CAUTIONED TO ENSURE THE BEARING CAPACITY OF THE SOIL IS AT LEAST 1500 PSF.

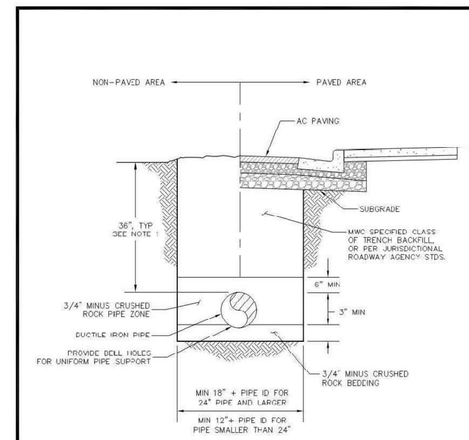
NOTES:

1. THE BEARING AREA SHOWN IN THE TABLE ARE MINIMUM VALUES.
2. ALL THRUST BLOCKS BEARING AREAS SHALL BE POURED AGAINST UNDISTURBED EARTH.
3. THE THRUST BLOCK THICKNESS SHALL BE A MINIMUM OF 12" OR TWICE THE PIPE DIAMETER, WHICHEVER IS GREATER.
4. AN 8 MIL SHEET OF PLASTIC SHALL BE WRAPPED AROUND PIPE AND FITTINGS WHEREVER PIPE WILL COME IN CONTACT WITH CONCRETE.
5. ENSURE ALL BOLTS ARE EXPOSED AND NOT COVERED WITH CONCRETE.
6. ALL CONCRETE SHALL BE 3,300 PSI MINIMUM.

109.DWG 9/22/09

MEDFORD WATER COMMISSION

REV	THRUST BLOCKS
10/09	STANDARD DETAIL NO. 109



NOTES:

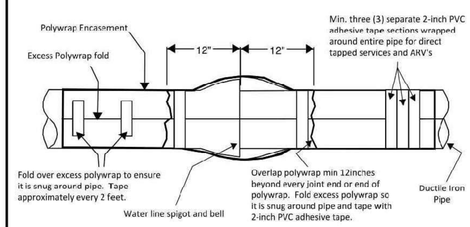
1. COVER OVER PIPE MAY VARY FROM 36" MIN TO 42" MAX UPON APPROVAL FROM MWC.

111.DWG 9/22/09

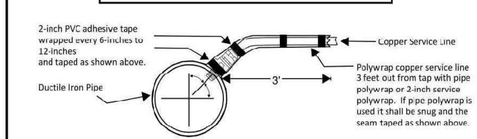
MEDFORD WATER COMMISSION

REV	TYPICAL TRENCH DETAIL
10/09	STANDARD DETAIL NO. 111

DUCTILE IRON POLYWRAP ENCASEMENT



COPPER SERVICE LINE POLYWRAP ENCASEMENT



NOTES:

1. Polywrap shall conform to the requirements of ANSI/AWWA C105/A21.5 ASTM A674.
2. For correct sizing of polywrap refer to Figure 1 in the Section IV Standard Specification for Materials and Installation, Section IV STANDARD SPECIFICATION FOR POLYETHYLENE ENCASEMENT.
3. Reference DUCTILE IRON PIPE RESEARCH ASSOCIATION (DIPRA) installation guide for further installation notes and instructions.

MEDFORD WATER

REV	POLYETHYLENE ENCASEMENT (POLYWRAP) INSTALLATION
6/13/23	STANDARD DETAIL NO. 114

NO.	REVISION	DATE	BY
	REVISED AS CONSTRUCTED BY		

CITY OF MEDFORD - ENGINEERING DEPARTMENT

EAST JACKSON

JACKSON ST IMPTS AND 3RD ST VACATION

DETAILS

DRAWN BY: BRT	DATE 06/04/2026	PROJECT NO.	M26-00144
CHECKED BY: RSG	DATE 06/04/2026		
APPROVED	DATE		
REVIEWED BY CITY TRANSPORTATION MANAGER	DATE	SHEET NO.	CP3.02
REVIEWED BY CITY ENGINEER	DATE 06/22/26		
APPROVED BY ORDINANCE NO.	DATE		

REGISTERED PROFESSIONAL ENGINEER 72868PE DIGITALLY SIGNED OREGON MARCH 11, 2003 ROBERT SCOTT GUNTER

RENEWS: JUNE 30, 2027

MARQUESS & ASSOCIATES ENGINEERING, INC.
CONSULTING ENGINEERS
P: 541-772-7115
F: 541-779-4079
WEB: WWW.MARQUESS.COM
1120 EAST JACKSON
MEDFORD, OR 97501

CALL BEFORE YOU DIG 1-800-332-2344 48 HOURS BEFORE BEGINNING EXCAVATION

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT 503-232-1987.

EAST JACKSON WATERLINE

3RD STREET-EAST JACKSON

MEDFORD, OREGON

DETAILS

REVISIONS

MAI JOB NO.	25-1255
DATE	06/04/2026
DRAWN	BRT
CHECKED	RSG

SHEET CP3.02 OF

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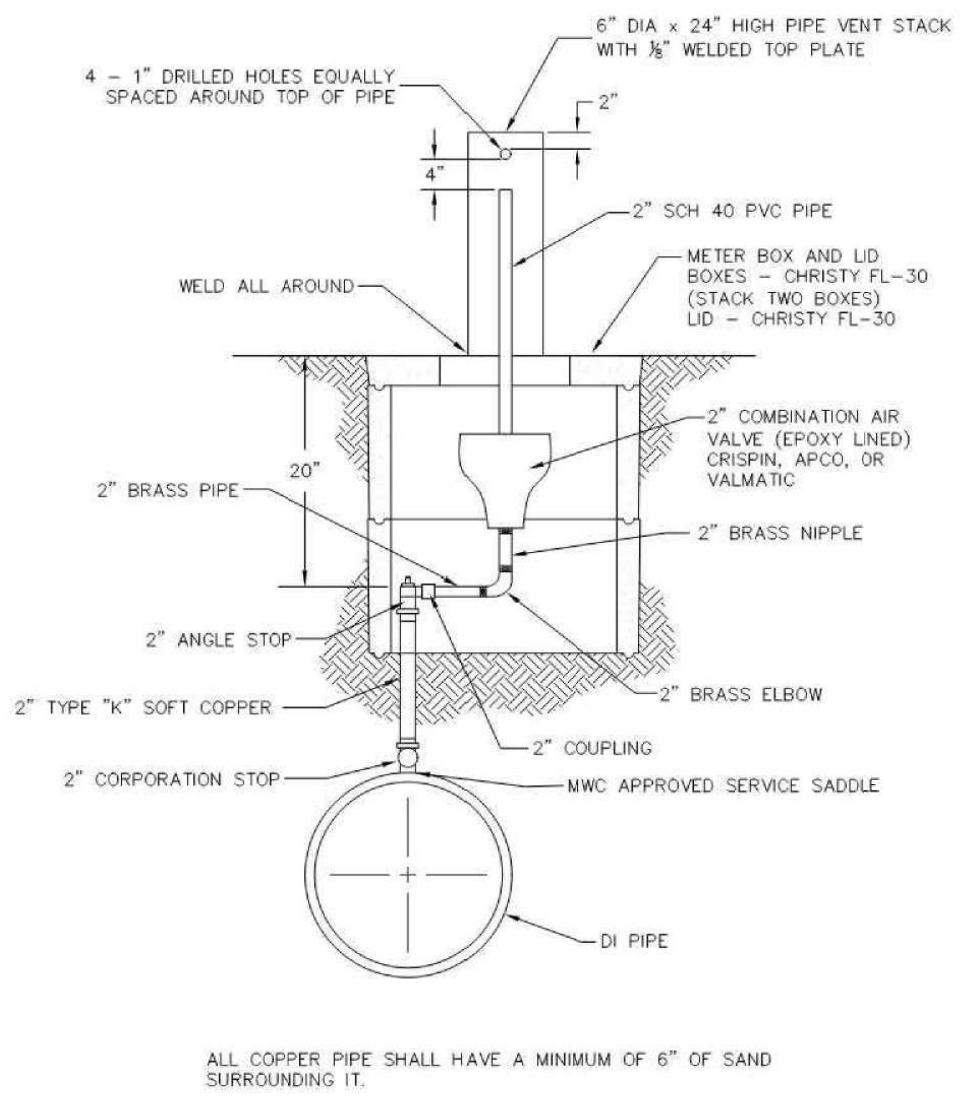


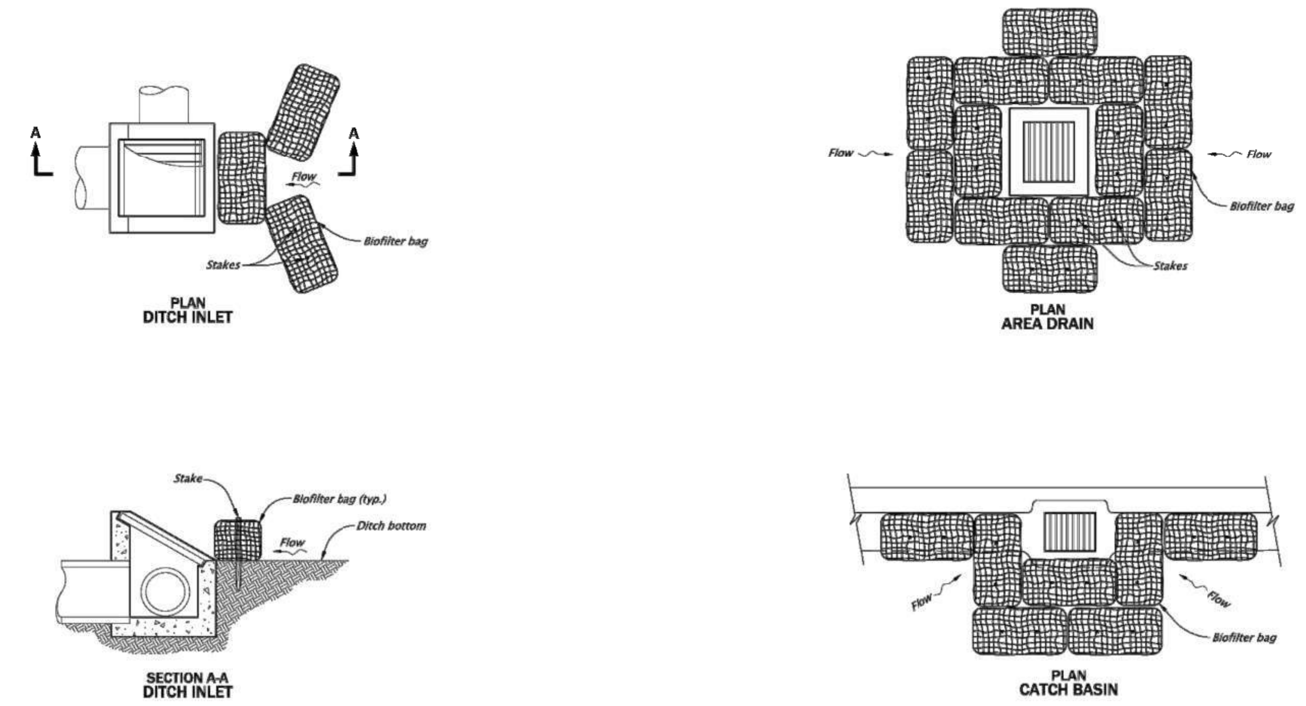
ALL COPPER PIPE SHALL HAVE A MINIMUM OF 6" OF SAND SURROUNDING IT.

9/22/09 107.DWG

MEDFORD WATER COMMISSION

REV	2" AIR VALVE
10/09	STANDARD DETAIL NO. 107

20-JAN-2021 RD1015.dgn



BIOFILTER BAGS - TYPE 4
NOT TO SCALE

NOTES:
1. Stake biofilter bags with 2"x2"x36" wood stakes, and use a minimum 2 stakes per bag. Drive stakes a minimum of 6" into the ground and flush with the top of the bags.
2. Omit stakes when bags are placed on pavement surface.
3. Overlap all bag joints 6".
4. Biofilter bags used on active roadways are easily displaced and made ineffective if struck by vehicles. If struck by a cyclist, falls with injury could result. On active roadways alternative inlet protection should be considered.

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.

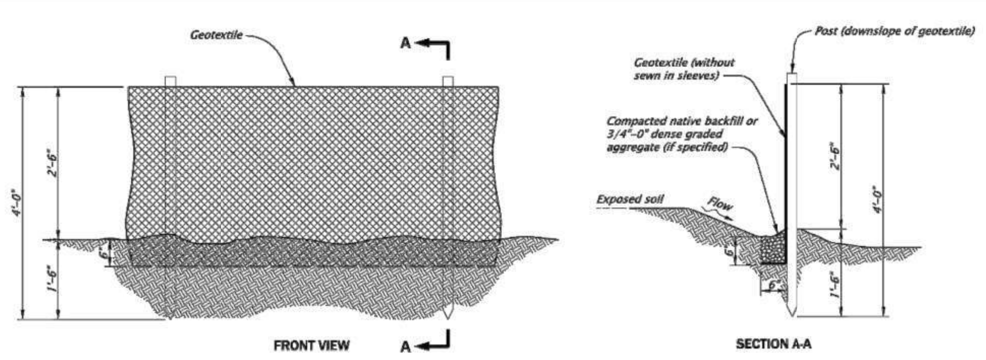
All materials shall be in accordance with the current Oregon Standard Specifications.
OREGON STANDARD DRAWINGS
INLET PROTECTION TYPE 4
2024

DATE	REVISION DESCRIPTION
01-2021	REMOVED CALC BOOK NUMBERS

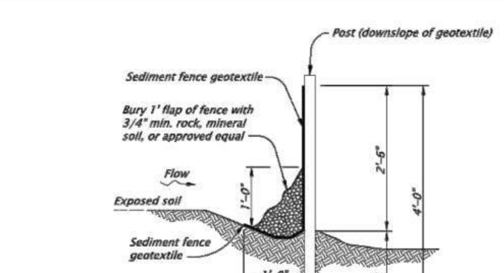
CALC. BOOK NO. N/A SDR DATE 20-JAN-2021 RD1015

Effective Date: December 1, 2025 – May 31, 2026

20-JAN-2021 RD1040.dgn

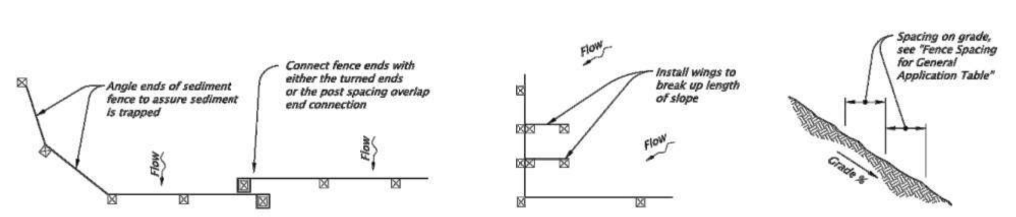


SEDIMENT FENCE AND GEOTEXTILE BURY DETAIL - TYPE 1
NOT TO SCALE



NOTES:
1. Use must be approved by the engineer.
2. Not approved for use with sediment fencing with sewn-in post sleeves.

ALTERNATE SEDIMENT FENCE WITHOUT TRENCHING - TYPE 2
NOT TO SCALE



GENERAL NOTES:
1. Use 2"x2" wood fence posts.
2. Posts to be installed on downhill side of sediment fence geotextile. Position posts to prevent separation from geotextile.
3. Compact filter fabric trench backfill and soil on uphill side of fence.
4. Locate fence no closer than three feet to the toe of a slope.
5. Wing spacing shall comply with "Fence Spacing for General Application Table".

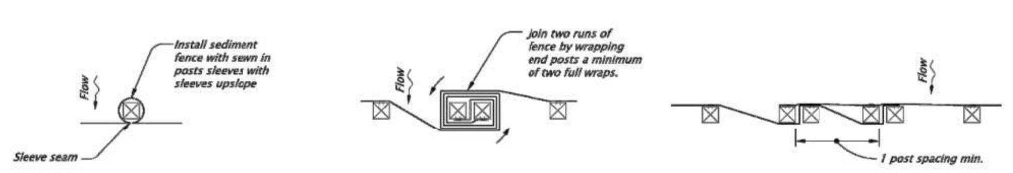
FENCE SPACING FOR GENERAL APPLICATION TABLE

INSTALL PARALLEL ALONG CONTOURS AS FOLLOWS

GRADE	MAXIMUM SPACING ON GRADE
Grade < 10%	300'
10% ≤ Grade < 15%	150'
15% ≤ Grade < 20%	100'
20% ≤ Grade < 30%	50'
30% ≤ Grade	25'

POST SPACING TABLE

6'	Sediment Fence with Geotextile elongation less than 50%
4'	Sediment Fence with Geotextile elongation 50% or more



GEOTEXTILE END CONNECTIONS
NOT TO SCALE

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.

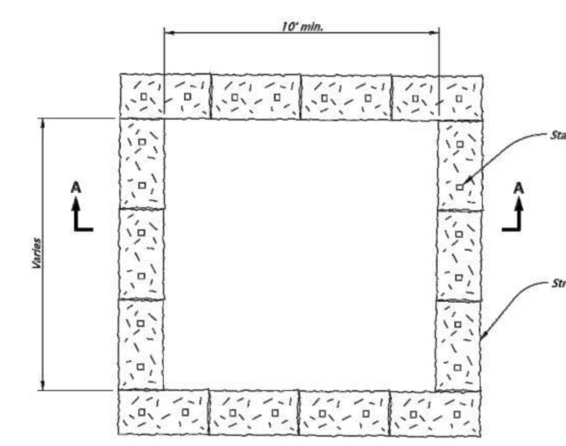
All materials shall be in accordance with the current Oregon Standard Specifications.
OREGON STANDARD DRAWINGS
SEDIMENT FENCE
2024

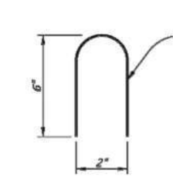
DATE	REVISION DESCRIPTION
01-2021	REMOVED CALC BOOK NUMBERS

CALC. BOOK NO. N/A SDR DATE 20-JAN-2021 RD1040

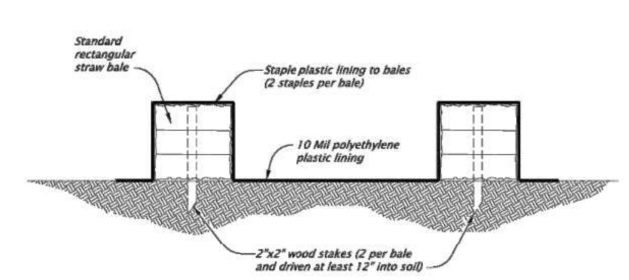
Effective Date: December 1, 2025 – May 31, 2026

20-JAN-2021 RD1070.dgn





STAPLE DETAIL
NOT TO SCALE



CONCRETE TRUCK WASH OUT FACILITY
NOT TO SCALE

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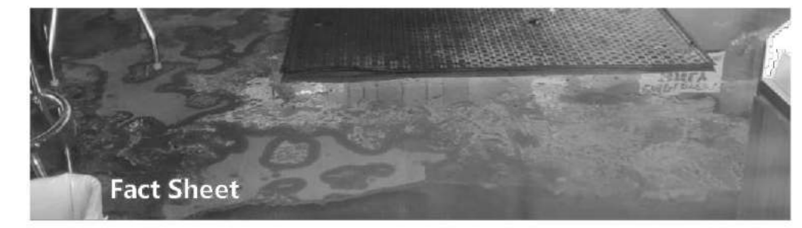
All materials shall be in accordance with the current Oregon Standard Specifications.
OREGON STANDARD DRAWINGS
CONCRETE TRUCK WASH OUT
2024

DATE	REVISION DESCRIPTION

CALC. BOOK NO. N/A SDR DATE 20-JAN-2021 RD1070

Effective Date: December 1, 2025 – May 31, 2026



What to Do When You've Had a Spill

Emergency Response State of Oregon DEQ

Contact local emergency services

Call 911 for medical emergency and public safety assistance from the local fire, police, and medical services.

Report the spill immediately

Immediately report the spill or threatened spill to the Oregon Emergency Response System, 1-800- 452-0311, when the spill or threat of a spill includes:

- Any amount of oil to waters of the state.
- Oil spills on land more than 42 gallons.
- Hazardous materials and reportable quantities that are equal to the Code of Federal Regulations, 40 CFR Part 302.4.

U.S. Environmental Protection Agency Notification

Some oil or hazardous material spills will require a separate notification to the National Response Center, 1-800-424-8802. Visit EPA's Emergency Response website for information necessary to determine if you need to report to the federal system.

Other actions to take

- Move away or upwind from the spill if you detect an odor and are unsure if it is safe.
- Avoid contact with liquids or fumes.
- Keep non-emergency people out of the area.
- Control and contain the spill.
- Clean up what you can immediately.
- Remove cleanup materials to an approved facility (such as a solid or hazardous waste landfill or recycling facility.) Save your receipts for documentation.
- Continue with long-term cleanup measures.
- File a completed Spill Release Report Form with DEQ

Your role

You are responsible for the immediate cleanup of your spill, regardless of the quantity involved.
The responsibility lies with the person who spills the product, as well as the person owning or having authority over the oil or hazardous material. You may need to hire a qualified contractor or properly trained and equipped personnel to respond immediately to the spill. If you fail to clean up your spill, DEQ may clean it up

Last updated: March 19, 2024

State of Oregon Department of Environmental Quality

for you and, as allowed by law, fine you up to three times the cost of the cleanup, in addition to the actual cost of the cleanup (Oregon Administrative Rules 340-142)

DEQ's role

DEQ is responsible for ensuring that the cleanup is completed in a way that protects human health and the environment. Oregon law also requires DEQ to recover its costs in carrying out this responsibility.

Depending on the type and quantity of material spilled, and the potential threat to people or the environment, DEQ may choose to oversee the cleanup. This oversight may take the form of DEQ staff at the scene, phone contact, document review or a combination of these actions. You are responsible for these oversight costs and will normally be billed within 45 days.

Contacts

Contact the State On-Scene Coordinator in your area:

- Northwest Region Portland-Metro and North Coast, Kevin Chan, 971-563-8819, Kevin.Chan@deq.oregon.gov
- Western Region – Willamette Valley, Cascades, Central and South Coast, Geoff Brown, 541-501-2145, Geoff.Brown@deq.oregon.gov
- Eastern Region – East of Cascades, Charles Kennedy, 541-633-2015, Charles.Kennedy@deq.oregon.gov

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800-452-4011 | TTY: 711 | deqinfo@deq.oregon.gov

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700 NE Multnomah Street, Suite 600, Portland, Oregon 97230
Phone: 503-229-5696, Toll Free in Oregon: 800-452-4011

State of Oregon Department of Environmental Quality

REGISTERED PROFESSIONAL ENGINEER
72868PE
DIGITALLY SIGNED
OREGON
MARCH 11, 2003
ROBERT SCOTT GUNTER
RENEWS: JUNE 30, 2027

MARQUESS & ASSOCIATES INC
CONSULTING ENGINEERS
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EAST JACKSON WATERLINE
MEDFORD, OREGON
3RD STREET-EAST JACKSON

DETAILS

REVISIONS

NO.	REVISION	DATE	BY
	REVISED AS CONSTRUCTED BY		

CITY OF MEDFORD - ENGINEERING DEPARTMENT

EAST JACKSON
JACKSON ST IMPTS AND 3RD ST VACATION
DETAILS

DRAWN BY: BRT	DATE 06/04/2026	PROJECT NO.
CHECKED BY: RSG	DATE 06/04/2026	M26-00144
APPROVED	DATE	
REVIEWED BY CITY TRANSPORTATION MANAGER	DATE	SHEET NO.
REVIEWED BY CITY ENGINEER	DATE 06/22/26	CP3.03
APPROVED BY ORDINANCE NO.	DATE	

MAI JOB NO.	25-1255
DATE	06/04/2026
DRAWN	BRT
CHECKED	RSG

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