

UMPQUA ST. SEWER REPLACEMENT CIVIL CONSTRUCTION PLANS

GENERAL NOTES:

- THE CONTRACTOR SHALL REPLACE ANY AND ALL SURVEY MONUMENTS WHICH ARE AFFECTED BY THE CONSTRUCTION. ALL MONUMENTS WILL BE RESET BY A LICENSED LAND SURVEYOR.
- LOCATIONS SHOWN ON ENGINEERING DRAWINGS ARE APPROXIMATE. CONSTRUCTION STAKES SHALL BE PROVIDED BY CONTRACTOR'S SURVEYOR.
- CONTRACTOR SHALL MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET BETWEEN WATER MAINS AND SEWER MAINS MEASURED EDGE TO EDGE. (SEE OAR 340-052, DIVISION 52, APPENDIX A AND OAR 333-061-0050(9))
- THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY COMPANIES FOR LOCATIONS OF MAINLINE AND SERVICE LINE LOCATIONS PRIOR TO DIGGING. CONTRACTOR TO CONTACT ONE-CALL AT LEAST 2 FULL BUSINESS DAYS PRIOR TO CONSTRUCTION AT 1-800-332-2344. ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN THE OAR 952-001-0010 THROUGH OAR 952-001-0090, AND OREGON LAWS 1995, CHAPTER 691, SECTION 7. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER.
- CONTRACTOR TO FIELD VERIFY TYPE, LOCATION, AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF NEW PIPING. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BRACING AND PROTECTION OF EXISTING UTILITY LINES, MARKED & UNMARKED, AT NO ADDITIONAL COST TO THE OWNER.
- RUSA SHALL OBTAIN A PERMIT FOR WORKING IN THE CITY OF ROSEBURG RIGHT-OF-WAY.
- CONTRACTOR SHALL COORDINATE WITH LOCAL RESIDENCES FOR INTERRUPTION OF SEWER SERVICE. PROVIDE RESIDENCES WITH 24 HOUR NOTICE PRIOR TO DISRUPTION OF SERVICE. AT NO TIME SHALL A RESIDENCE HAVE THEIR SEWER SERVICE INTERRUPTED OVERNIGHT. WORK FOR THE DAY WILL NOT END UNTIL ALL RESIDENCES HAVE BEEN RECONNECTED TO SEWER SERVICE.
- PROTECT OPEN EXCAVATIONS DURING NON WORKING HOURS WITH METAL PLATES OR OTHER APPROVED METHODS.
- SUBMIT SHOP DRAWINGS FOR PRECAST MANHOLES TO THE ENGINEER PRIOR TO CASTING THE BASE.
- TEST ALL PIPING AND MANHOLES IN ACCORDANCE WITH THE SPECIFICATIONS INCLUDING PERMEABILITY TESTS AT THE POINT OF MANUFACTURE.
- FIELD VERIFY ALL SERVICE LATERALS FOR LOCATION, SIZE AND DEPTH AT RIGHT OF WAY PRIOR TO INSTALLING THE TEE ON THE SEWER MAIN. PROVIDE NEW CLEANOUT AND CONNECT TO EXISTING SERVICE AT RIGHT OF WAY. 4" SERVICE LINES SHALL BE INSTALLED TO CONNECT TO EXISTING 4" SERVICE LINES AT RIGHT OF WAY. 6" SERVICE LINES SHALL BE INSTALLED TO CONNECT TO EXISTING 6" SERVICE LINES AT RIGHT OF WAY. (SEE DETAIL)
- REPLACE DISTURBED AREAS OUTSIDE OF ROADWAY IN KIND.
- ALL PIPE DISTANCES ARE MEASURED FROM CENTER OF MANHOLE TO CENTER OF MANHOLE.
- ALL PIPE SLOPES ARE CALCULATED FROM CENTER OF MANHOLE TO CENTER OF MANHOLE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL FITTINGS AND APPURTENANCES, AS NEEDED, TO CONNECT NEW SEWER INFRASTRUCTURE TO EXISTING SEWER INFRASTRUCTURE.
- CONTRACTOR RESPONSIBLE FOR ALL REQUIRED BYPASS PUMPING. SUBMIT BYPASS PUMPING PLAN TWO WEEKS BEFORE PUMPING BEGINS. SEE SPECIAL PROVISIONS SECTION 00490.40.
- CONTRACTOR SHALL POTHOLE AND IDENTIFY SEWER LATERAL LOCATION AND SIZE PRIOR TO INSTALLATION.
- PROTECT PUBLIC & PRIVATE INFRASTRUCTURE EXCEPT AS NOTED ON DEMOLITION PLAN.

GENERAL SANITARY SEWER NOTES:

- ALL SANITARY SEWER WORK SHALL BE IN CONFORMANCE WITH ROSEBURG URBAN SANITARY AUTHORITY SPECIFICATIONS AND ORDINANCE. THE 2024 EDITION OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION PREPARED BY THE OREGON DEPARTMENT OF TRANSPORTATION AND THE AMERICAN PUBLIC WORKS ASSOCIATION OREGON CHAPTER WILL BE CONSIDERED THE STANDARD SPECIFICATIONS. IN CASES OF CONFLICT ROSEBURG URBAN SANITARY AUTHORITY SPECIFICATIONS SHALL TAKE PRECEDENCE OVER THE STANDARD SPECIFICATIONS.
- SANITARY SEWER LATERALS FROM THE BUILDING TO THE SEWER MAIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH OREGON STATE DEPARTMENT OF COMMERCE, BUILDING CODES DIVISION, 2021 UNIFORM PLUMBING CODE AND ITS AMENDMENTS, EXCEPT FOR 8" AND LARGER PUBLIC SEWERS WHICH SHALL BE CONSTRUCTED IN ACCORDANCE WITH DEQ STANDARDS FOR PUBLIC SEWERS AND TO THE LINES, GRADES AND DETAILS SHOWN ON THE PLANS. 4" AND 6" LATERALS SHALL BE PVC ASTM 3034. ALL LINES SHALL HAVE TONING WIRE INSTALLED IN THE TRENCH FOR FUTURE LOCATING.
- ALL MANHOLE CONNECTIONS TO BE FACTORY CONNECTORS WITH NON-SHRINK GROUT OR A CORED HOLE WITH FLEXIBLE BOOT. I.E.: KOR-N-SEAL. CONNECTIONS TO EXISTING MANHOLES SHALL BE CORED OR SAW CUT.
- CONTRACTOR TO PROVIDE PREFORMED PLASTIC GASKETS IN ALL MANHOLE JOINTS.
- ALL MANHOLES SHALL BE 48" DIAMETER WITH CONCENTRIC CONES, EXCEPT AS NOTED OTHERWISE.
- NO FLAT-TOP MANHOLES TO BE USED WITHOUT ROSEBURG URBAN SANITARY AUTHORITY'S PRIOR APPROVAL.
- DEFLECTION TESTING SHALL BE CONDUCTED ON ALL SEWERS CONSTRUCTED OF FLEXIBLE PIPE NOT LESS THAN 30 DAYS AFTER TRENCH BACKFILL AND COMPACTION. TESTING WILL CONFORM TO 2008 APWA STANDARD SPECIFICATIONS, SECTION 00445.
- LINE AND GRADE SHALL BE MAINTAINED AS SHOWN ON THE PLANS OR AS ESTABLISHED BY THE ENGINEER. VARIATIONS OF MORE THAN 1/2 INCH FOR LINE AND 1/4 INCH FOR GRADE WILL NOT BE PERMITTED.
- PIPES SHALL BE AIR TESTED IN ACCORDANCE WITH UNIBELL'S "RECOMMENDED PRACTICE FOR LOW PRESSURE AIR TESTING OF INSTALLED SEWER PIPE" UNI-B-6-98. MINIMUM TEST TIMES SHALL BE BASED ON TABLE II. THERE WILL BE NO PRESSURE DROP ALLOWED.
- MANHOLE ELEVATIONS AND PIPE GRADES ARE FIGURED FROM THE CENTER OF EACH MANHOLE. SUPPLIERS OF PRE-CAST MANHOLE BASES SHALL SUBMIT SHOP DRAWINGS SHOWING THE LOCATIONS OF PIPE INLETS AND OUTLETS FOR REVIEW PRIOR TO MANUFACTURING.
- ALL PERMANENT DROP MANHOLES SHALL HAVE AN OUTSIDE DROP UNLESS APPROVED BY RUSA ON A CASE BY CASE BASIS.
- MAXIMUM LENGTH OF SEWER LINE BETWEEN MANHOLES SHALL BE 300' UNLESS OTHERWISE APPROVED BY ROSEBURG URBAN SANITARY AUTHORITY.

ASBESTOS GENERAL NOTES:

MATERIALS CONTAINING ASBESTOS MAY BE PRESENT IN UNDERGROUND PIPE SYSTEMS. ALL APPROPRIATE FEDERAL, STATE, COUNTY AND MUNICIPAL RULES, REGULATIONS AND GUIDELINES MUST BE FOLLOWED WHEN WORKING WITH ASBESTOS-CONTAINING MATERIAL. NONFRIABLE MATERIAL MUST BE HANDLED, TRANSPORTED AND DISPOSED OF IN A WAY THAT PREVENTS IT FROM BECOMING FRIABLE AND RELEASING ASBESTOS FIBERS. IF AC PIPE IS SHATTERED, DAMAGED OR BADLY WEATHERED, IT IS CONSIDERED TO BE FRIABLE AND WILL LIKELY RELEASE ASBESTOS FIBERS. DEQ LICENSED ASBESTOS ABATEMENT CONTRACTOR USING DEQ CERTIFIED WORKERS MUST REMOVE ALL FRIABLE ASBESTOS MATERIAL. ANY AND ALL PERMITS AND FEES THAT ARE REQUIRED BY THE DEQ, DOUGLAS COUNTY AND ANY OTHER REGULATORY AGENCY MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO DISPOSING OF THE ASBESTOS CONTAINING MATERIAL. FOR INFORMATION ABOUT ASBESTOS RULES, CONTACT THE DEQ WESTERN REGION OFFICE IN MEDFORD, OREGON.

ROSEBURG URBAN SANITARY AUTHORITY INSPECTION SCHEDULE:

ROSEBURG URBAN SANITARY AUTHORITY SHALL BE NOTIFIED FOR INSPECTION AT LEAST 24 HOURS PRIOR TO THE ACCOMPLISHMENT OF THE FOLLOWING STAGES OF CONSTRUCTION.
PHONE: 541-672-1551

- ANY SANITARY SEWER CONSTRUCTION (INCLUDING STRUCTURES)
- TRENCH EXCAVATION. (PRIOR TO PLACING BEDDING ROCK)
- PIPE AND TONING WIRE INSTALLATION
- CLEAN-OUT AND MANHOLE CONNECTIONS
- PAVING

NONE OF THE ABOVE ITEMS OF WORK SHALL BE COVERED UNTIL INSPECTED BY ROSEBURG URBAN SANITARY AUTHORITY.

TRAFFIC CONTROL SPECIAL NOTES:

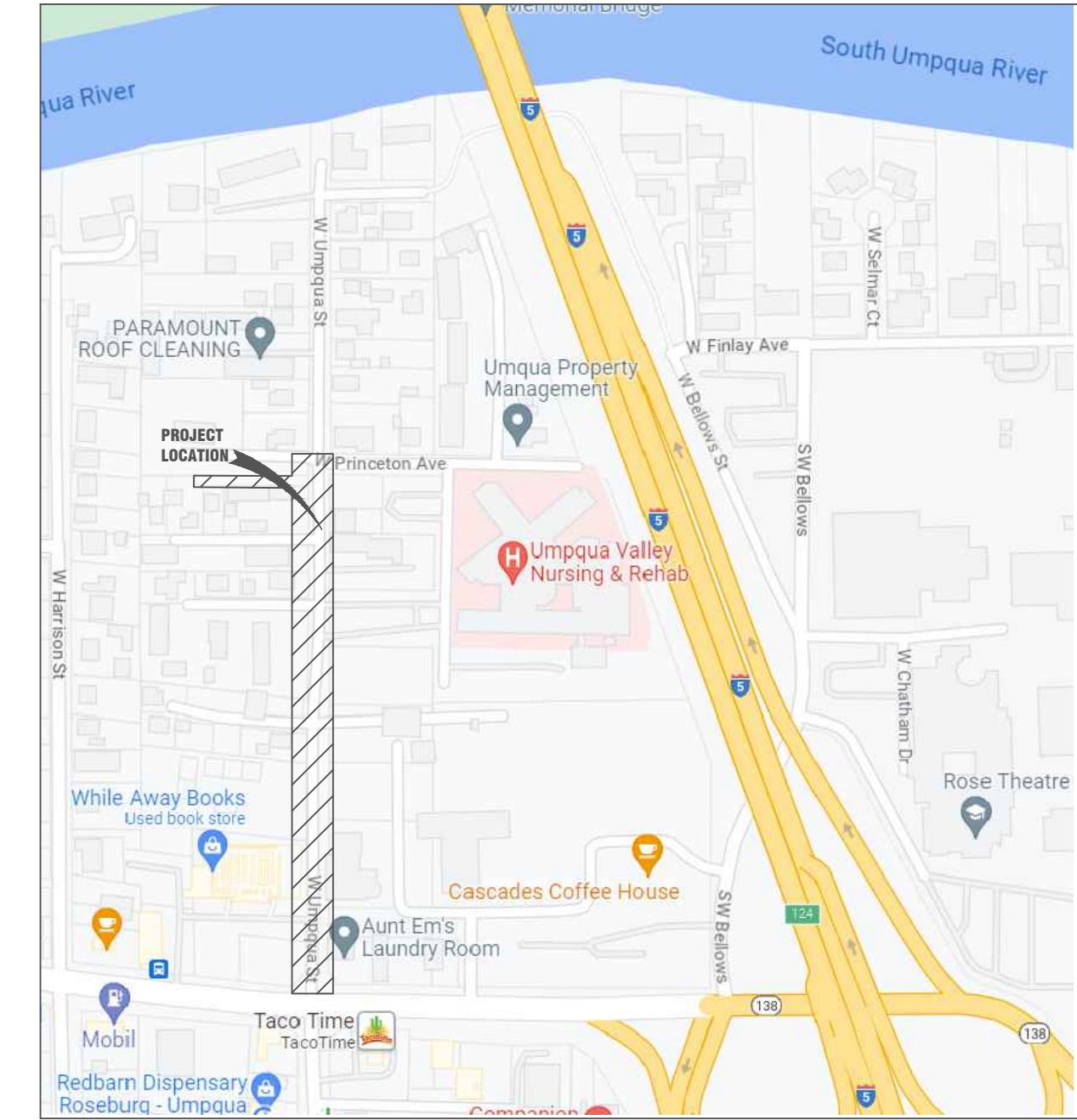
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND SUBMIT A TRAFFIC CONTROL PLAN AS NEEDED FOR THE CONSTRUCTION OF THIS PROJECT MEETING THE CITY OF ROSEBURG'S REQUIREMENTS. THE CONTRACTOR SHALL SUBMIT THEIR TRAFFIC CONTROL PLAN TO THE CITY OF ROSEBURG'S PUBLIC WORKS DEPARTMENT FOR THEIR REVIEW AND APPROVAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN FINAL APPROVAL FROM THE CITY OF ROSEBURG ON THE TRAFFIC CONTROL PLAN.
- RUSA SHALL BE RESPONSIBLE FOR ALL FEES RELATED TO PROVIDING AND OBTAINING APPROVALS OF THE TRAFFIC CONTROL PLAN FROM THE CITY OF ROSEBURG.



ROSEBURG URBAN SANITARY AUTHORITY
ROSEBURG, OREGON

SHEET INDEX

- C.1 COVER SHEET AND CONSTRUCTION NOTES
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- SD.1 RUSA MANHOLE DETAILS
- SD.2 RUSA SANITARY SEWER DETAILS
- SD.3 PAVING DETAILS



UMPQUA STREET
VICINITY MAP
NTS

UTILITY COMPANIES & CONTACTS

COMPANY	CONTACT	PHONE
Avista Utilities P.O. Box 1520 Roseburg, OR 97470	Ryan Forsloff Corporate Office	541-440-1162 800-659-4427
Lumen	Luke Pilon	458-221-7430 or 716-238-6610
Charter Communications 310 NE Boston St Roseburg, OR 97470	Mike Wilcox	541-921-9189
ComSpan 1016 SE Oak Roseburg, OR 97470	Mary Roberts	541-229-2122
Douglas Fast Net 480 Oakland Ave., NE Roseburg, OR 97470	Rich Brammer	541-673-4242x1037 541-229-0229
Pacific Power 4025 Old Hwy 99 South Roseburg, OR 97470	Shannon Watson, Estimator Martha Warner, Estimator Doug Agee, Estimator	541-679-3671 - 541-679-3642
Roseburg, City of 900 SE Douglas Roseburg, OR 97470	Public Works	541-492-6730
RUSA 1297 NE Grandview PO Box 1185 Roseburg, OR 97470	Ryon Kershner	541-672-1551

CALL BEFORE YOU DIG!
ONE CALL: (800) 332-2344
OAR 952-001-0010 THROUGH
OAR 952-001-0090

LEGEND

(ELEV.) ELEV.	EXISTING ELEV. NEW ELEV.	□	EXISTING CURB INLET (CI)
-----TV----- TV	EXISTING CABLE TV	□	NEW CURB INLET (CI)
-----P&H----- P&H	EXISTING EDGE OF AC OR GRAVEL	□	EXISTING CATCH BASIN (CB)
-----UGU----- UGU	EXISTING POWER (OVERHEAD)	□	NEW CATCH BASIN (CB)
-----R/W----- R/W	EXISTING POWER (UNDERGROUND)	○	CLEANOUT
-----X----- X	NEW UNDERGROUND (TV, POWER, PHONE)	○	GUY WIRE
-----W----- W	EXISTING GAS	○	EXISTING FIRE HYDRANT
-----STS----- STS	EXISTING RIGHT-OF-WAY	○	NEW FIRE HYDRANT
-----SS----- SS	NEW RIGHT-OF-WAY	○	LANDSCAPING
-----PS----- PS	EXISTING FENCE	○	EXISTING VALVE
-----FM----- FM	NEW FENCE	○	NEW VALVE
-----S-F----- S-F	EXISTING WATER	○	EXISTING MANHOLE (MH)
-----TC----- TC	EXISTING WATER MAIN	○	NEW MANHOLE (MH)
-----AC----- AC	NEW WATER	○	POWER POLE
-----BW----- BW	EXISTING STORM SEWER (STS)	○	PHONE PED
-----FG----- FG	NEW STORM SEWER (STS)	○	EXISTING LIGHT POLE
-----FF----- FF	EXISTING SANITARY SEWER (SS)	○	NEW LIGHT POLE
-----OG----- OG	NEW SANITARY SEWER (SS)	○	MAIL BOX
-----TW----- TW	EXISTING PRESSURE SEWER (PS)	○	EXISTING WATER SERVICE
	NEW PRESSURE SEWER (PS)	○	NEW WATER SERVICE
	EXISTING FORCE MAIN (FM)	○	BLOWOFF
	NEW FORCE MAIN (FM)	○	CABLE TV PED (TV)
	SILT FENCE (S-F)	○	EXISTING GATE
	NEW ELECTRICAL CONDUIT	○	CONCRETE HATCH
	TOP OF CURB	○	PERMIT OF ENTRY
	ASPHALT	○	CONTROL POINT
	BACK OF WALK	○	
	FINISH GRADE	○	
	FINISH FLOOR	○	
	ORIGINAL GROUND	○	
	TOP OF WALK	○	



i.e. Engineering, Inc.
809 SE Pine St
Roseburg, OR
leengineering.com



OREGON
JULY 9, 2001
DEREK M. MILLER
EXPIRES: 12/31/2024



ROSEBURG URBAN
SANITARY AUTHORITY
1297 NE GRANDVIEW DR
P.O. BOX 1185
ROSEBURG, OR 97470
PH: 541-672-1551

Description

Dwg

Date

Rev.

UMPQUA ST SEWER REPLACEMENT

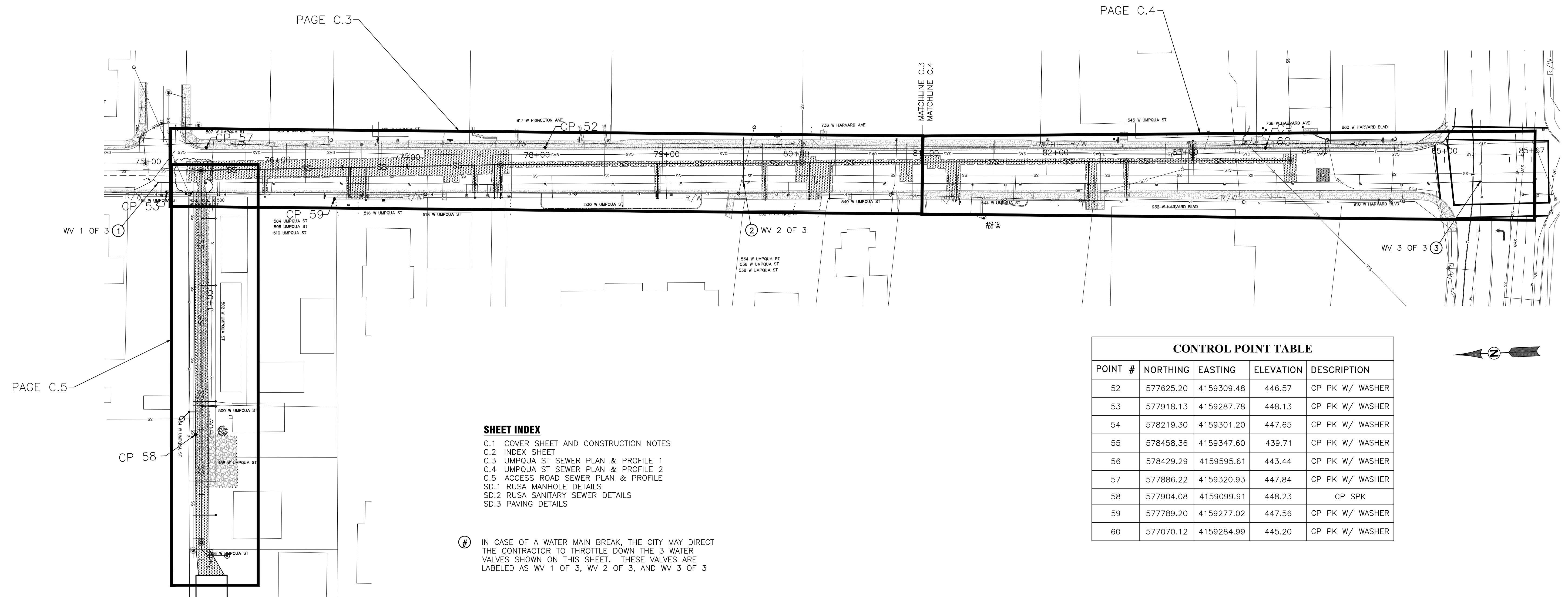
0 UMPQUA ST
ROSEBURG, OR 97471

COVER SHEET

SCALE NONE

PROJECT NO. 0151-36
JANUARY 31, 2024
DRW: AW
ISSUE: PRELIMINARY
CHK: DMW

C.1



CONTROL POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
52	577625.20	4159309.48	446.57	CP PK W/ WASHER
53	577918.13	4159287.78	448.13	CP PK W/ WASHER
54	578219.30	4159301.20	447.65	CP PK W/ WASHER
55	578458.36	4159347.60	439.71	CP PK W/ WASHER
56	578429.29	4159595.61	443.44	CP PK W/ WASHER
57	577886.22	4159320.93	447.84	CP PK W/ WASHER
58	577904.08	4159099.91	448.23	CP SPK
59	577789.20	4159277.02	447.56	CP PK W/ WASHER
60	577070.12	4159284.99	445.20	CP PK W/ WASHER

- SHEET INDEX**
- C.1 COVER SHEET AND CONSTRUCTION NOTES
 - C.2 INDEX SHEET
 - C.3 UMPQUA ST SEWER PLAN & PROFILE 1
 - C.4 UMPQUA ST SEWER PLAN & PROFILE 2
 - C.5 ACCESS ROAD SEWER PLAN & PROFILE
 - SD.1 RUSA MANHOLE DETAILS
 - SD.2 RUSA SANITARY SEWER DETAILS
 - SD.3 PAVING DETAILS

Ⓢ IN CASE OF A WATER MAIN BREAK, THE CITY MAY DIRECT THE CONTRACTOR TO THROTTLE DOWN THE 3 WATER VALVES SHOWN ON THIS SHEET. THESE VALVES ARE LABELED AS WV 1 OF 3, WV 2 OF 3, AND WV 3 OF 3

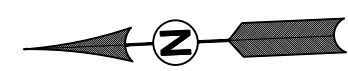
- LEGEND**
- | | | | |
|------------------|-----------------------------|-----|---------------------------|
| (ELEV.)
ELEV. | EXISTING ELEV.
NEW ELEV. | □ | EXISTING CURB INLET (CI) |
| --- | --- | □ | NEW CURB INLET (CI) |
| --- | --- | □ | EXISTING CATCH BASIN (CB) |
| --- | --- | □ | NEW CATCH BASIN (CB) |
| --- | --- | --- | CLEANOUT |
| --- | --- | --- | GUY WIRE |
| --- | --- | --- | GAS METER |
| --- | --- | --- | EXISTING FIRE HYDRANT |
| --- | --- | --- | NEW FIRE HYDRANT |
| --- | --- | --- | LANDSCAPING |
| --- | --- | --- | EXISTING VALVE |
| --- | --- | --- | NEW VALVE |
| --- | --- | --- | EXISTING MANHOLE (MH) |
| --- | --- | --- | NEW MANHOLE (MH) |
| --- | --- | --- | POWER POLE |
| --- | --- | --- | PHONE PED |
| --- | --- | --- | EXISTING LIGHT POLE |
| --- | --- | --- | NEW LIGHT POLE |
| --- | --- | --- | MAIL BOX |
| --- | --- | --- | EXISTING WATER SERVICE |
| --- | --- | --- | NEW WATER SERVICE |
| --- | --- | --- | BLOWOFF |
| --- | --- | --- | CABLE TV PED (TV) |
| --- | --- | --- | EXISTING GATE |
| --- | --- | --- | CONCRETE HATCH |
| --- | --- | --- | PERMIT OF ENTRY |
| --- | --- | --- | CONTROL POINT |

- HATCH LEGEND:**
- CONCRETE
 - GRAVEL
 - ASPHALT RESURFACING
 - ASPHALT ACCESS ROAD

PAGE C.5

PAGE C.3

PAGE C.4

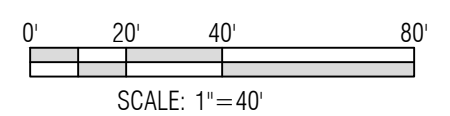


Rev.	Date	Dwg	Description

UMPQUA ST SEWER REPLACEMENT
0 UMPQUA ST
ROSEBURG, OR 97471
INDEX SHEET
SCALE 1" = 40'
JANUARY 31, 2024
ISSUE PRELIMINARY
CHK: DMW

C.2

CALL BEFORE YOU DIG!
ONE CALL: (800) 332-2344
OAR 952-001-0010 THROUGH
OAR 952-001-0090

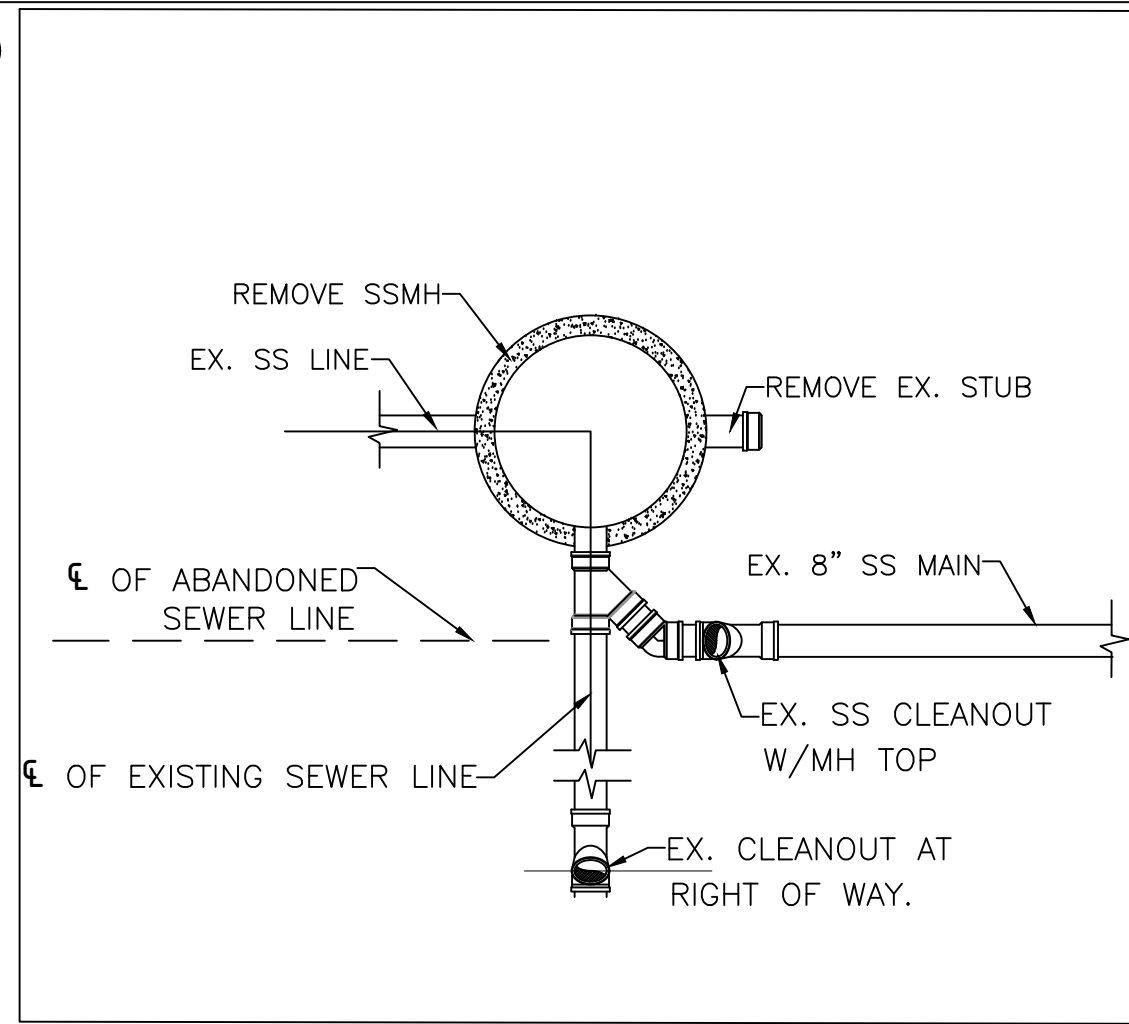


KEYED SEWER NOTES: #

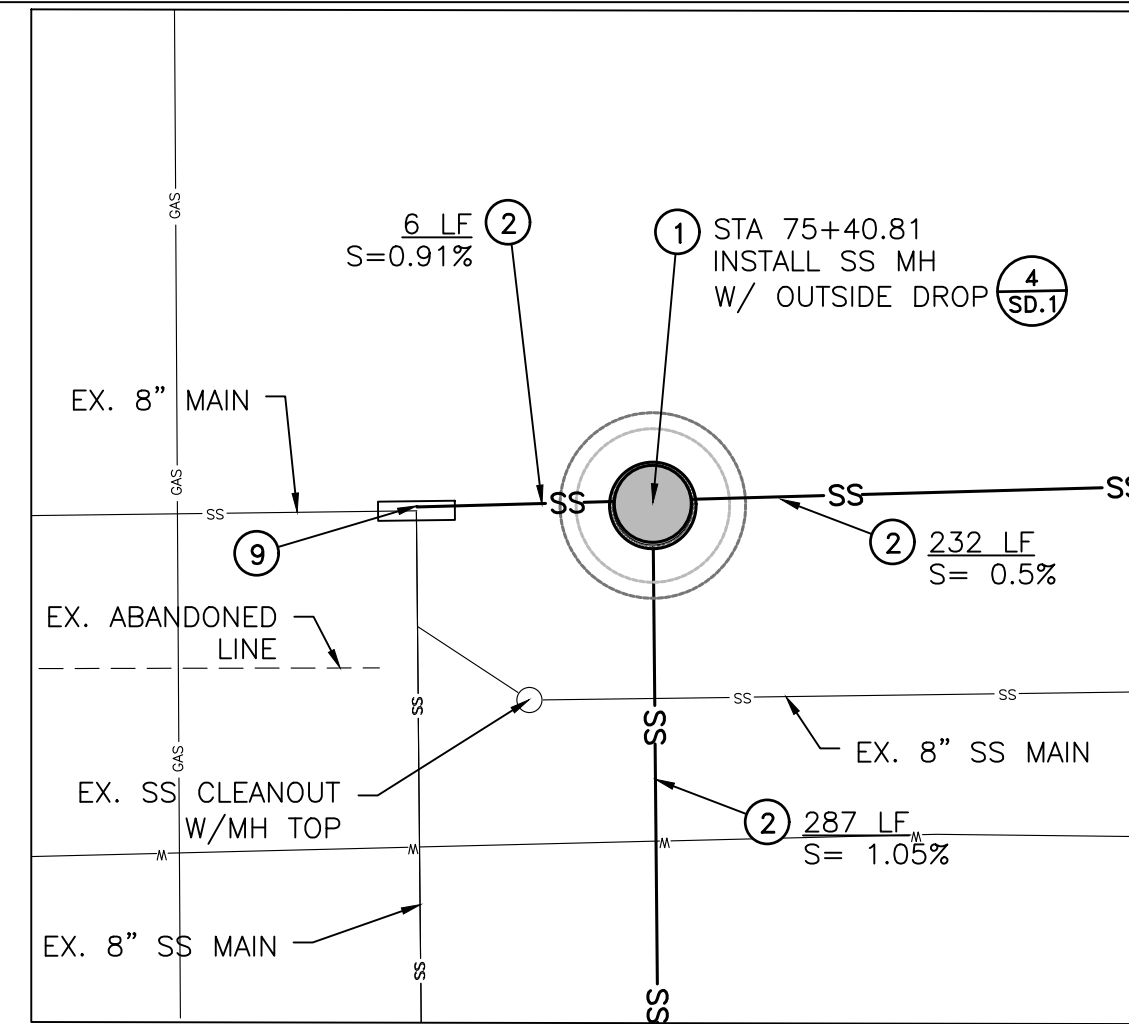
1. INSTALL SS MH PER DETAIL (SD.1) (SD.2) (SD.3)
2. INSTALL 8" SS LINE, LENGTH AND SLOPE PER PLAN (SD.2) (SD.3)
3. NEW SS LINE, SEE PAGE C.5.
4. CROSSING UTILITIES, VERIFY SIZE AND DEPTH.
5. INSTALL 8"x4" OR 8"x6" TEE AS NEEDED.
6. INSTALL 4" OR 6" (MATCH EXISTING) SERVICE LATERAL W/ CLEANOUT AT PROPERTY LINE PER DETAIL. CONNECT TO EXISTING LATERAL. (FIELD VERIFY LOCATION & ELEVATION) REPLACE CURB, GUTTER, SIDEWALK AND/OR DRIVEWAY PER CITY OF ROSEBURG DETAILS ON SHEET SD.3. REPLACE ENTIRE CONCRETE PANEL.
7. PROPOSED PERMIT OF ENTRY (TO BE OBTAINED BY RUSA, AS NEEDED).
8. ASPHALT PATCH. INSTALL HMAC LEVEL 2 - 1/2" DENSE, 4" THICK, 2-2" LIFTS. (3) (SD.3)
9. REMOVE MANHOLE, INSTALL 8"x8" TEE, PIPE AND 90° VERTICAL BEND.
10. SEE EXISTING, TEMPORARY AND FINAL TIE-IN DETAIL (1) (C.3)
11. ABANDON EXISTING SEWER MANHOLES AND MAINLINES PER DETAIL (6) (SD.2) REMOVE ABANDONED MANHOLES.
12. 14' WIDE ASPHALT PATCH IS ANTICIPATED IN THIS AREA. CONTRACTOR SHALL MINIMIZE TRENCH WIDTH, BUT ONSITE CONDITIONS MAY FORCE A EXTRA WIDTH FOR RESURFACING AND BACKFILLING.
13. INSTALL INLET PROTECTION. (3) (SD.1)

HATCH LEGEND:

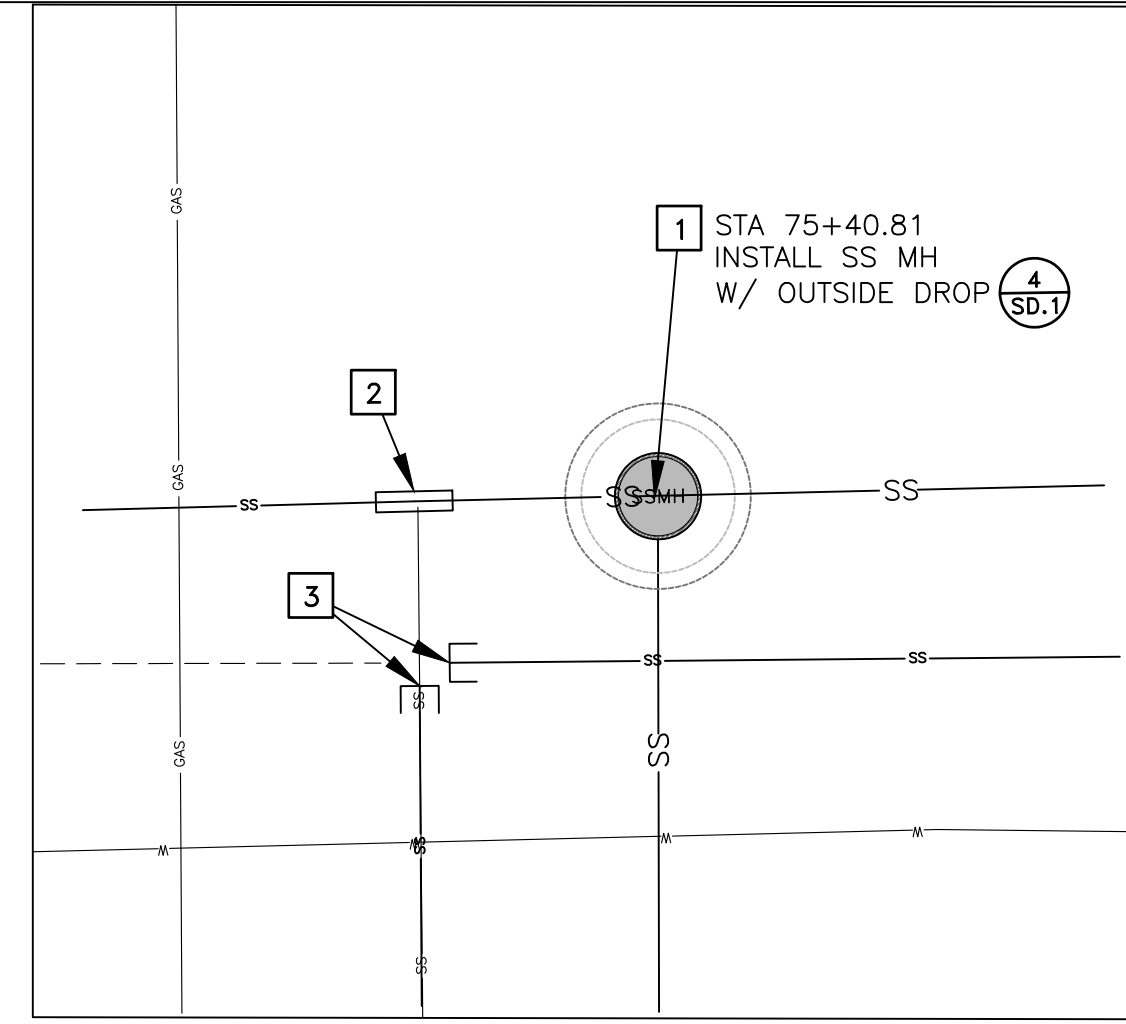
- CONCRETE
- ASPHALT ACCESS ROAD
- ASPHALT RESURFACING
- NEW SS LINE
- ABANDONED SS LINE



EXISTING CONDITION DETAIL



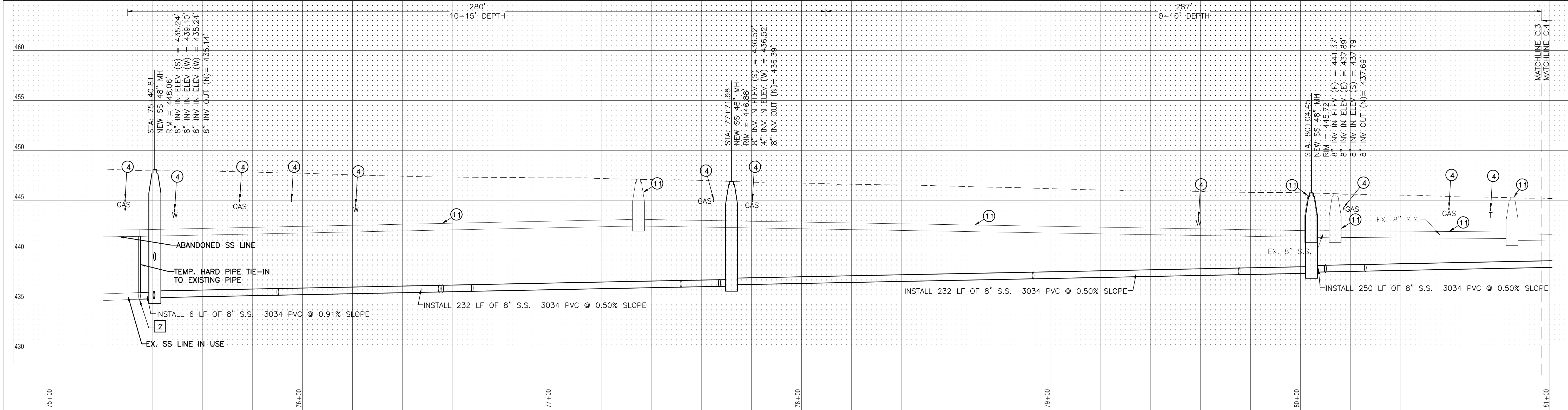
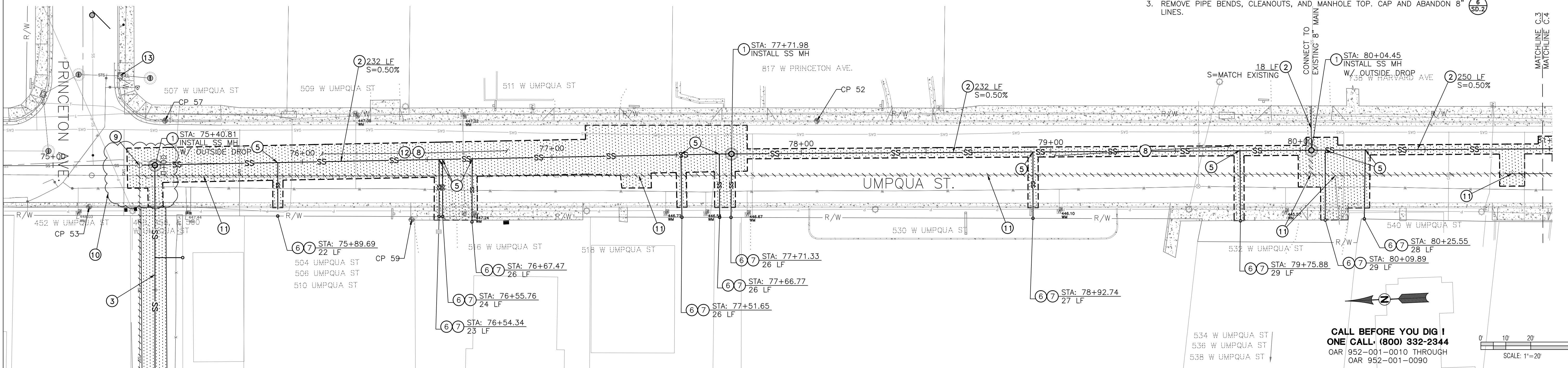
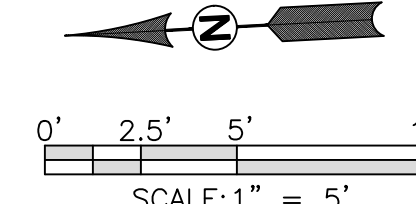
TEMPORARY TIE-IN DETAIL



FINAL TIE-IN DETAIL

KEYED FINAL TIE-IN NOTES: #

1. INSTALL NEW SS MANHOLE PER DETAIL. (SD.1) (SD.2) (SD.3)
2. REMOVE 8X8 TEE/WYE, VERTICAL BENDS AND PIPE. INSTALL 24" OF 3034 PIPE & TWO 8" GASKETED COUPLERS. (USE 8" REPAIR COUPLER GXG FROM GPK PRODUCTS OR APPROVED EQUAL.)
3. REMOVE PIPE BENDS, CLEANOUTS, AND MANHOLE TOP. CAP AND ABANDON 8" LINES. (6) (SD.2)



i.e. Engineering, Inc.
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Roseburg, OR
leengineering.com

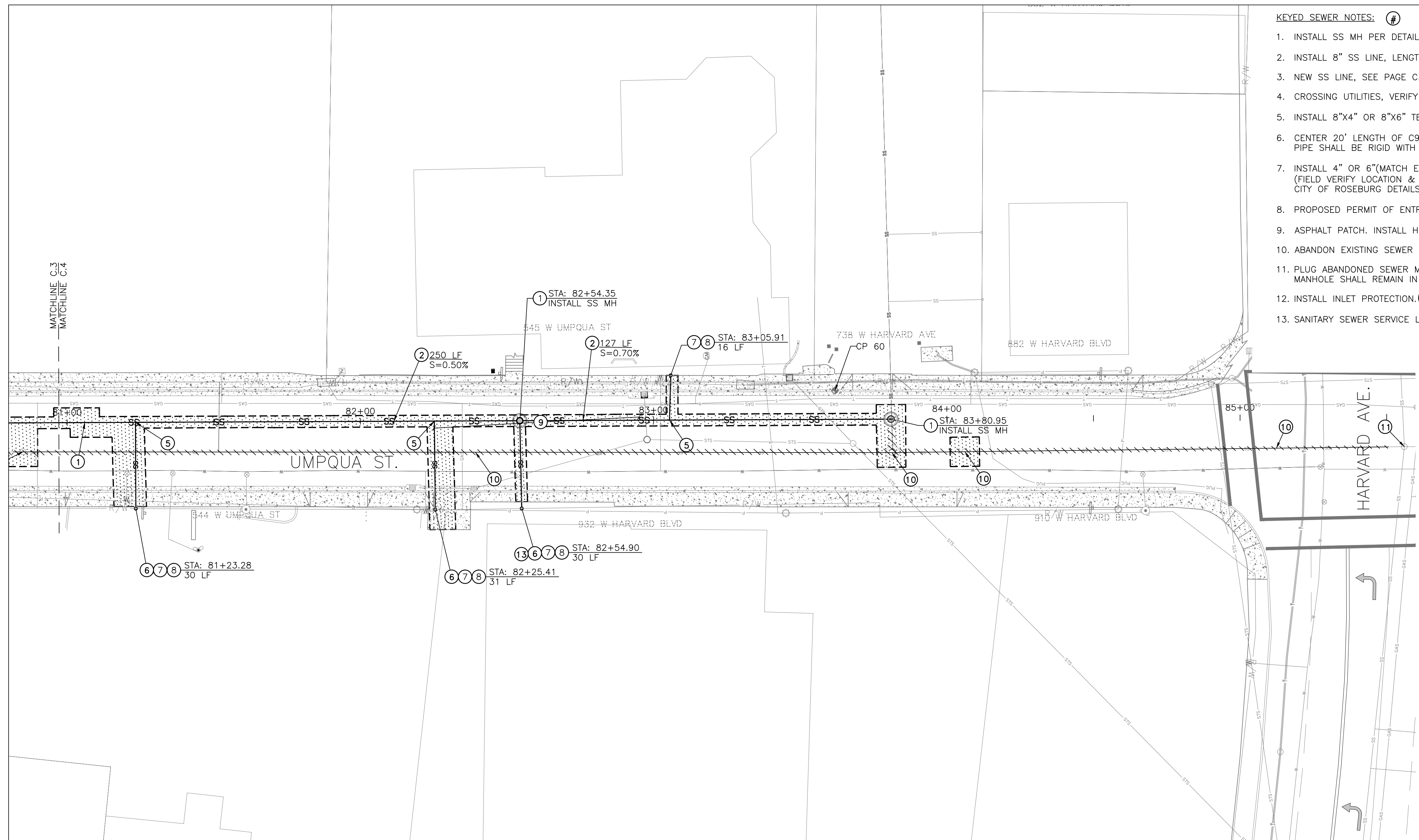


ROSEBURG URBAN
SANITARY AUTHORITY
1297 NE GRANDVIEW DR
P.O. BOX 1185
ROSEBURG, OR 97470
PH: 541-672-1551

Rev.	Date	Dwg	Description

UMPQUA ST SEWER REPLACEMENT
0 UMPQUA ST
ROSEBURG, OR 97471
SEWER PLAN AND PROFILE 1
HORIZ 1" = 20' VERT 1" = 5'
JANUARY 31, 2024
ISSUE PRELIMINARY
Z:_085\0151-ROSEBURG\0151-36 Umpqua Street Sewer Mainline\DESIGN\CAD\0151-36_C.dwg
CHK: DMW
PROJECT NO. 0151-36
DRW: AW

C.3

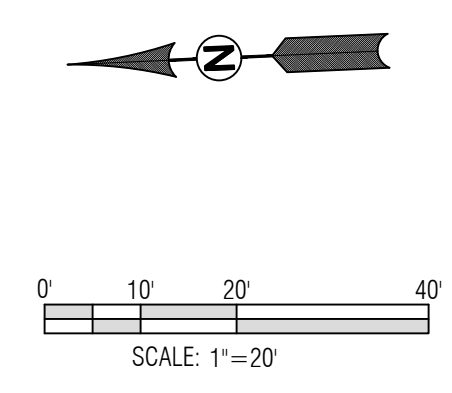


KEYED SEWER NOTES: #

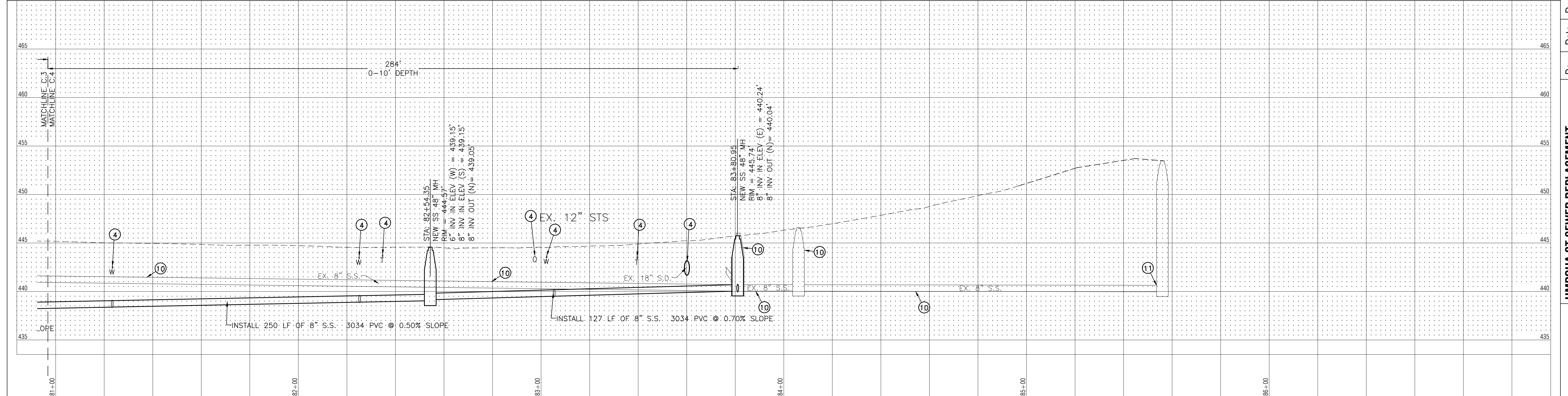
1. INSTALL SS MH PER DETAIL. (1 SD.1) (2 SD.1) (5 SD.1)
2. INSTALL 8" SS LINE, LENGTH AND SLOPE PER PLAN. (3 SD.2) (4 SD.2)
3. NEW SS LINE, SEE PAGE C.5.
4. CROSSING UTILITIES, VERIFY SIZE AND DEPTH.
5. INSTALL 8"x4" OR 8"x6" TEE AS NEEDED.
6. CENTER 20' LENGTH OF C900 PIPE UNDER EX. WATER MAIN. ADAPTERS FROM ASTM 3034 TO C900 PIPE SHALL BE RIGID WITH GASKETS.
7. INSTALL 4" OR 6" (MATCH EXISTING) SERVICE LATERAL PER DETAIL. CONNECT TO EXISTING LATERAL. (FIELD VERIFY LOCATION & ELEVATION) REPLACE CURB, GUTTER, SIDEWALK AND/OR DRIVEWAY PER (1 SD.2) (2 SD.2) (5 SD.2) (1 SD.3) (2 SD.3)
8. PROPOSED PERMIT OF ENTRY (TO BE OBTAINED BY RUSA, AS NEEDED).
9. ASPHALT PATCH. INSTALL HMAC LEVEL 2 -1/2" DENSE, 4" THICK, 2-2" LIFTS. (3 SD.3)
10. ABANDON EXISTING SEWER MANHOLES AND MAINLINES PER DETAIL. REMOVE ABANDONED MANHOLES. (6 SD.2)
11. PLUG ABANDONED SEWER MAIN WITH COMMERCIAL GRADE CONCRETE INSIDE SEWER MANHOLE. SEWER MANHOLE SHALL REMAIN IN USE AT ALL TIMES. WORK IN HARVARD SHALL BE DONE AT NIGHT.
12. INSTALL INLET PROTECTION. (3 SD.7)
13. SANITARY SEWER SERVICE LINE SIZE SHALL BE 6".

HATCH LEGEND:

- CONCRETE
- ASPHALT ACCESS ROAD
- ASPHALT RESURFACING
- NEW SS LINE
- ABANDONED SS LINE



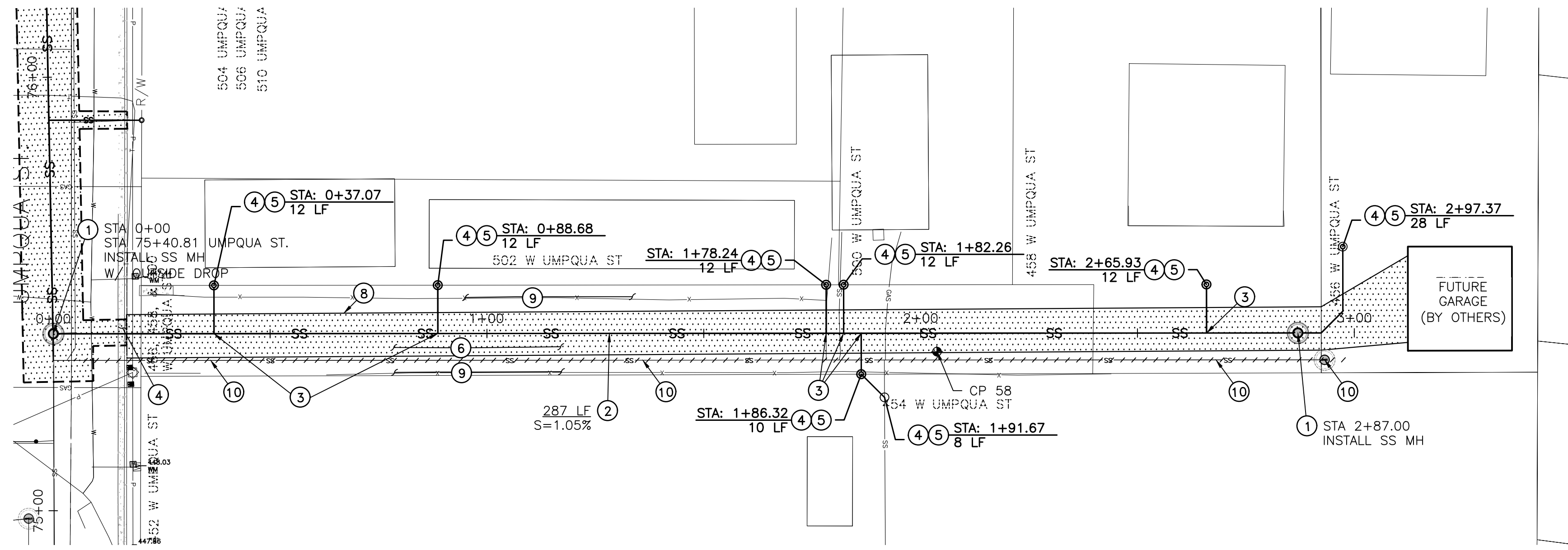
**CALL BEFORE YOU DIG I
ONE CALL: (800) 332-2344**
 OAR 952-001-0010 THROUGH
 OAR 952-001-0090



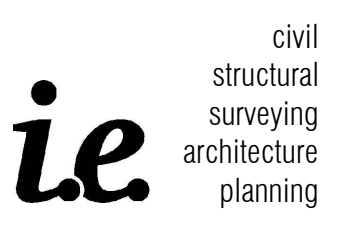
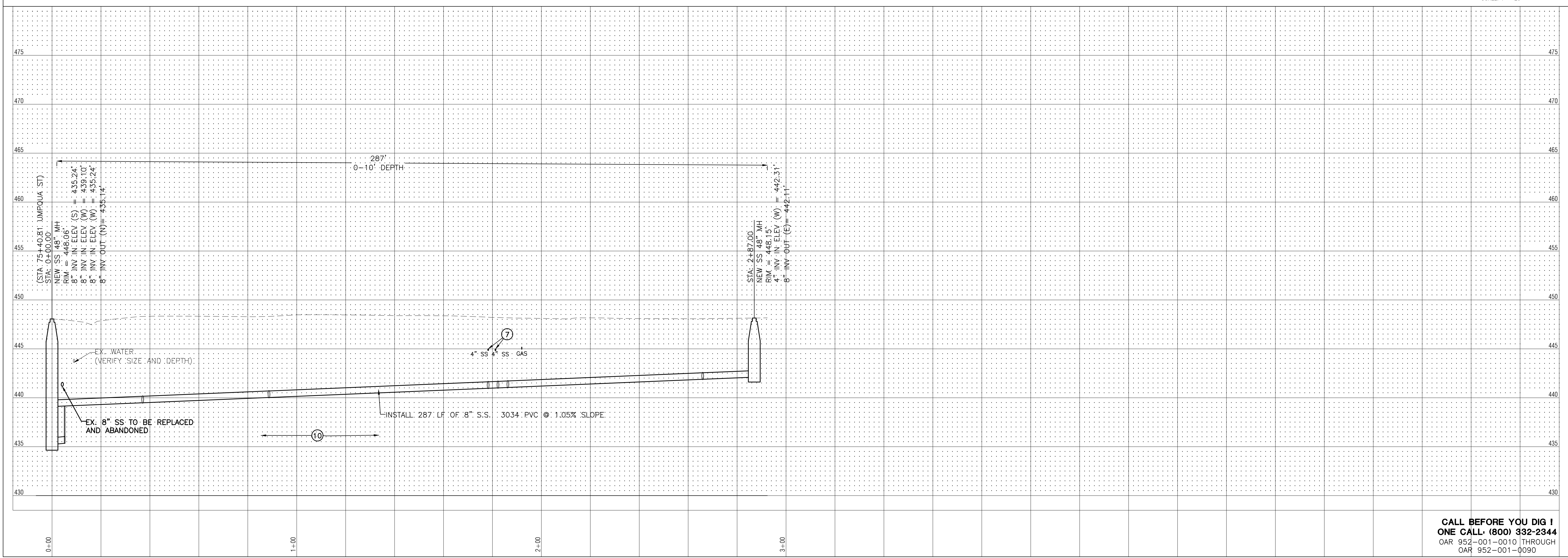
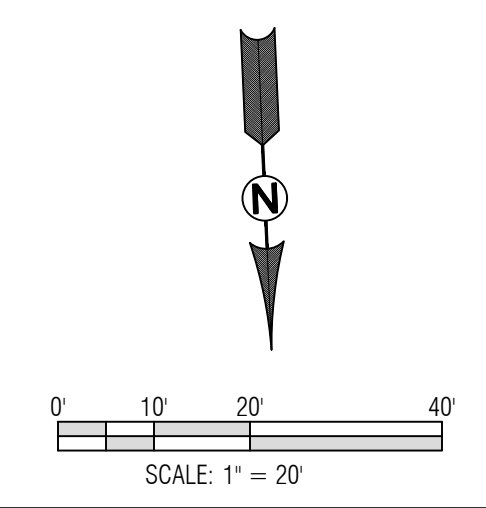
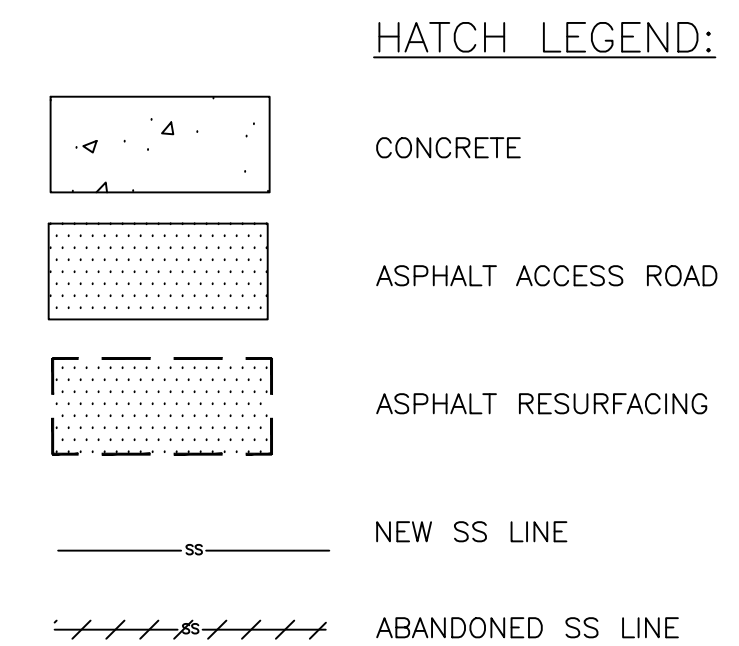
Rev.	Date	Dwg	Description

UMPQUA ST SEWER REPLACEMENT
 0 UMPQUA ST
 ROSEBURG, OR 97471
SEWER PLAN AND PROFILE 2
 HORIZ 1"=20' VERT 1"=5'
 JANUARY 31, 2024
 ISSUE PRELIMINARY
 PROJECT NO. 0151-36
 DRW: AW
 CHK: DMW

C.4



- KEYED SEWER NOTES:**
1. INSTALL SS MH PER DETAIL. (SD.1, SD.1, SD.1)
 2. INSTALL 8" SS LINE, LENGTH AND SLOPE PER PLAN. (SD.2, SD.2)
 3. INSTALL 8"x4" TEE. (SD.2, SD.2)
 4. INSTALL 4" SERVICE LATERAL PER DETAIL. CONNECT TO EXISTING LATERAL. (FIELD VERIFY LOCATION & ELEVATION) REPLACE CURB, GUTTER, SIDEWALK AND/OR DRIVEWAY PER CITY OF ROSEBURG DETAILS ON SHEET SD.3. REPLACE ENTIRE CONCRETE PANEL. (SD.2, SD.2, SD.2, SD.3, SD.3)
 5. PROPOSED PERMIT OF ENTRY (TO BE OBTAINED BY RUSA, AS NEEDED).
 6. INSTALL 10' WIDE ASPHALT ACCESS ROAD PER DETAIL. (SD.3)
 7. EXISTING SERVICE LATERAL TO BE REMOVED.
 8. EDGE OF PROPOSED ACCESS ROAD. MATCH EXISTING GRADE. (SD.3)
 9. PROTECT EXISTING FENCE AND TREES.
 10. ABANDON EXISTING SEWER MANHOLES AND MAINLINES PER DETAIL. REMOVE ABANDONED MANHOLES. (SD.2)



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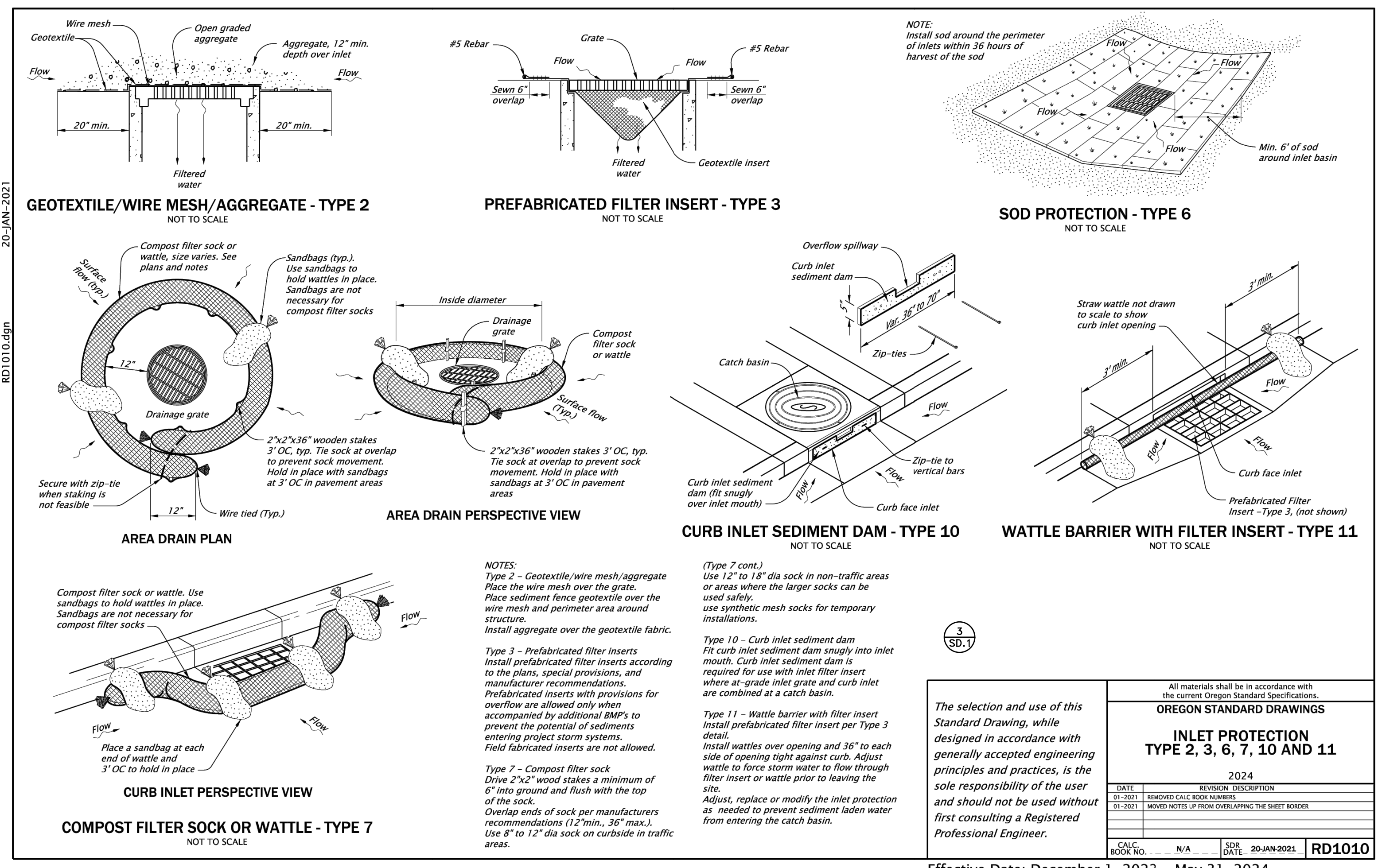
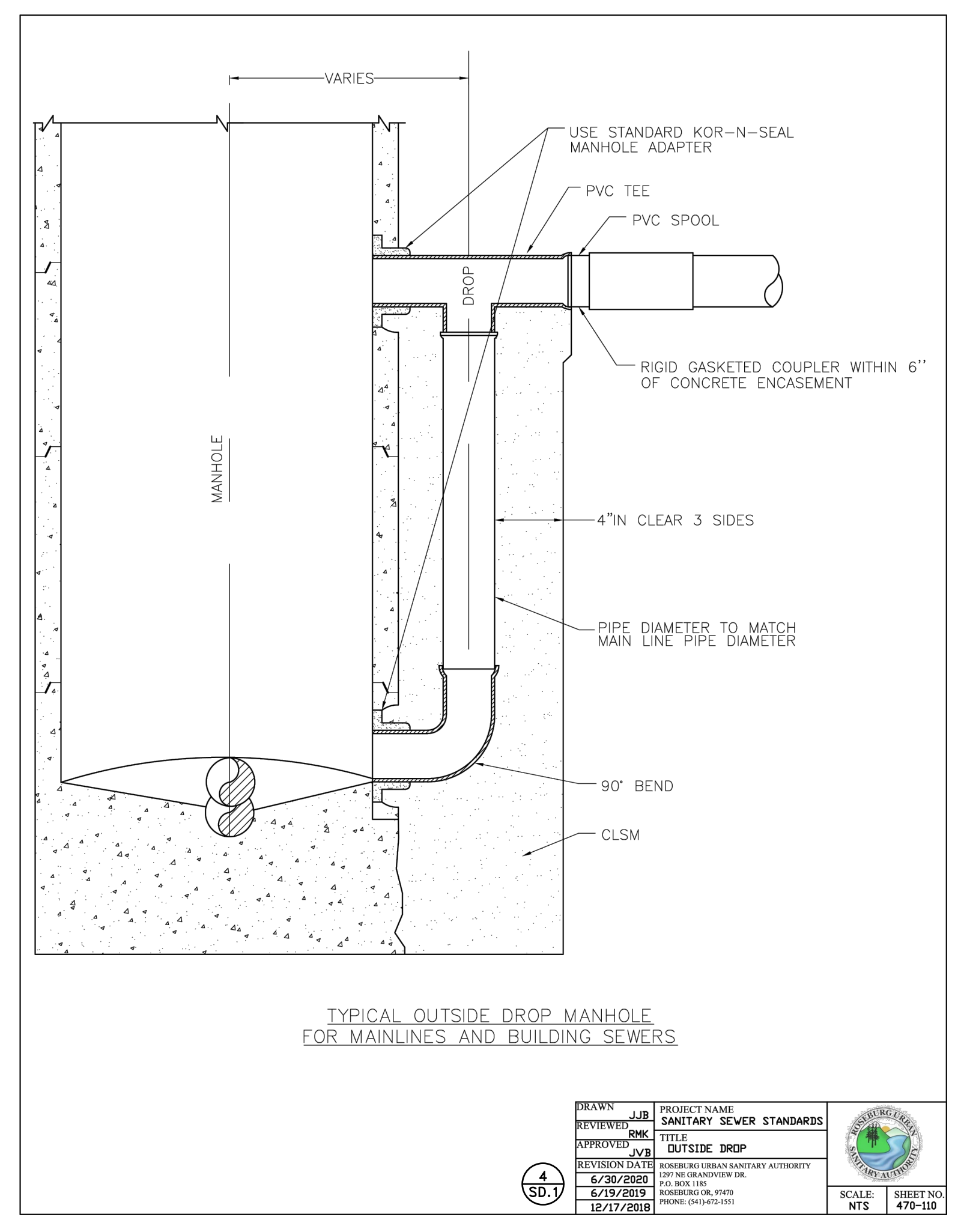
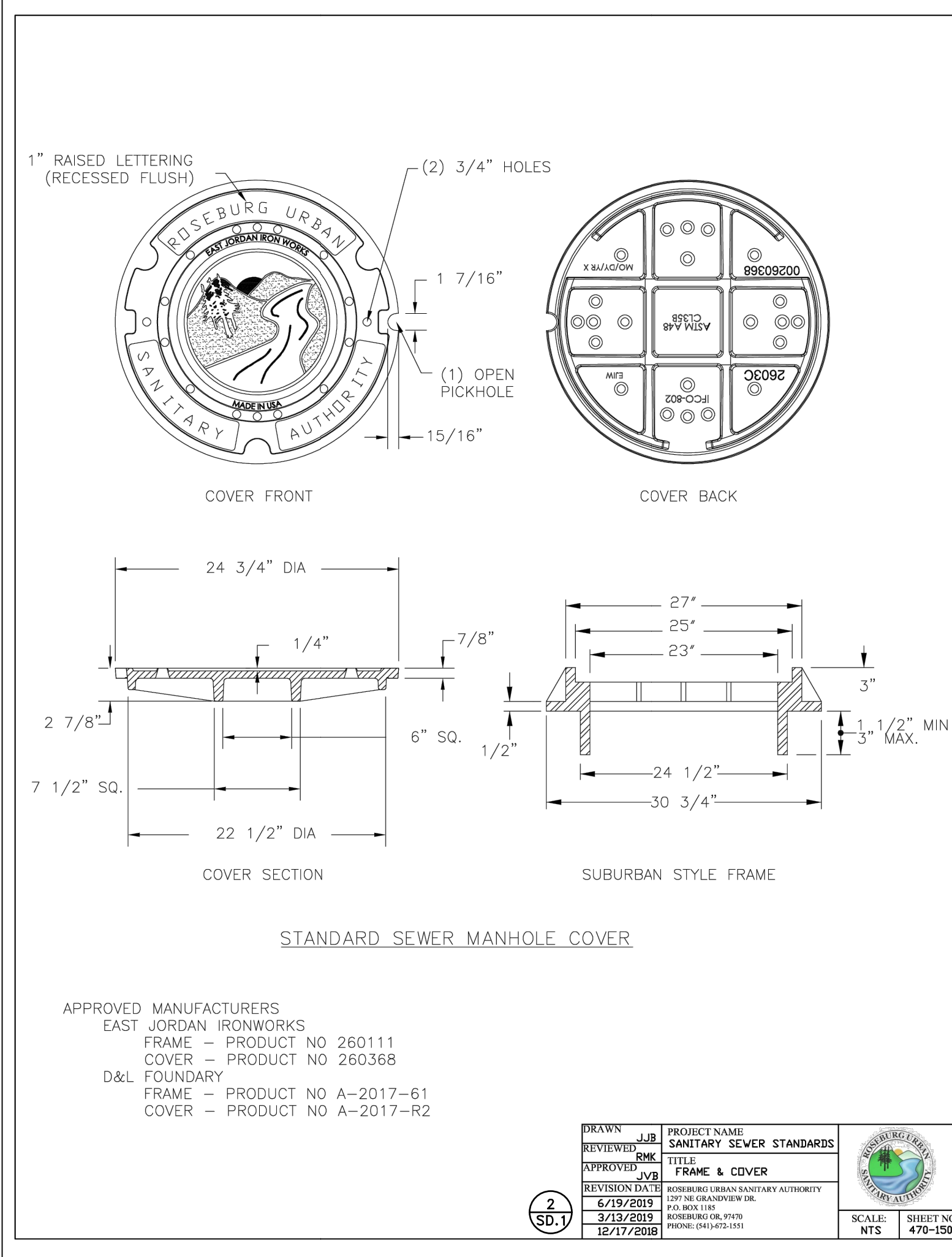
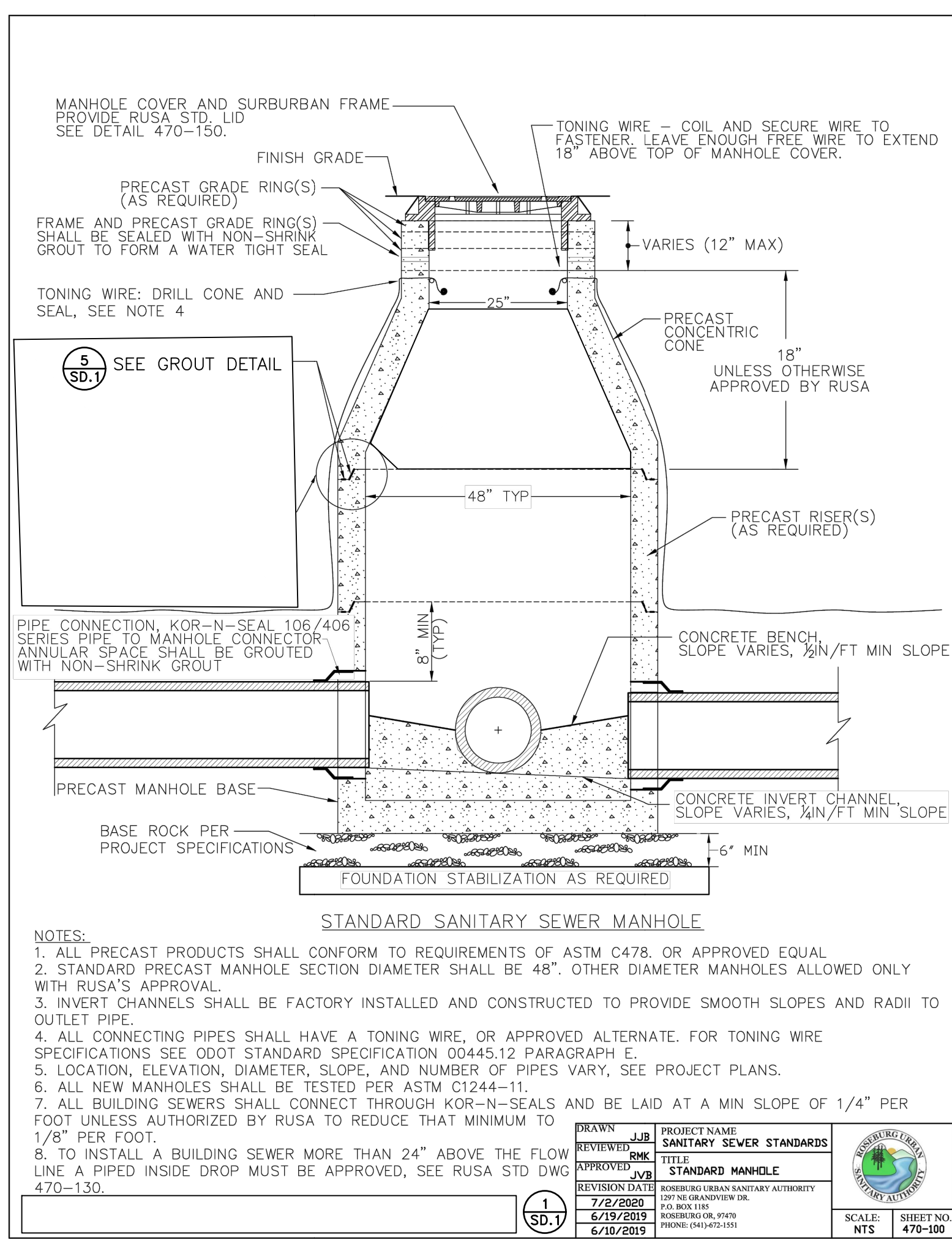
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Rev.	Date	Dwg	Description

UMPQUA ST. SEWER REPLACEMENT
0 UMPQUA ST.
ROSEBURG, OR 97471
ACCESS ROAD PLAN AND PROFILE
HORIZ 1" = 20' VERT 1" = 5'
JANUARY 31, 2024
ISSUE: PRELIMINARY
Z:\085\0151-818\0151-36 Umpqua Street Sewer Mainline\DESIGN\CADD\0151-36_C.dwg
PROJECT NO. 0151-36
DRW: AW
CHK: DMW

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OAR 952-001-0090

C.5



MANHOLE JOINT SEALING METHODS DETAIL

PROFILE VIEW

MASTIC ENDS DETAIL

UMPOUA ST SEWER REPLACEMENT

Rev.	Date	Dwg	Description

0 UMPOUA ST
 ROSEBURG, OR 97471
RUSA MANHOLE DETAILS
 SCALE NONE
 JANUARY 31, 2024
 ISSUE PRELIMINARY
 21_UMBS0151-RUSA0151-36_UMPOUA ST SEWER REPLACEMENT CAD(0151-36-C-DT.dwg)

SD.1

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REGISTERED PROFESSIONAL ENGINEER
 JULY 9, 2001
DEREK M. MILLER
 EXPIRES: 12/31/2024

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20-JAN-2021
 RD1010.dgn

All materials shall be in accordance with the current Oregon Standard Specifications.

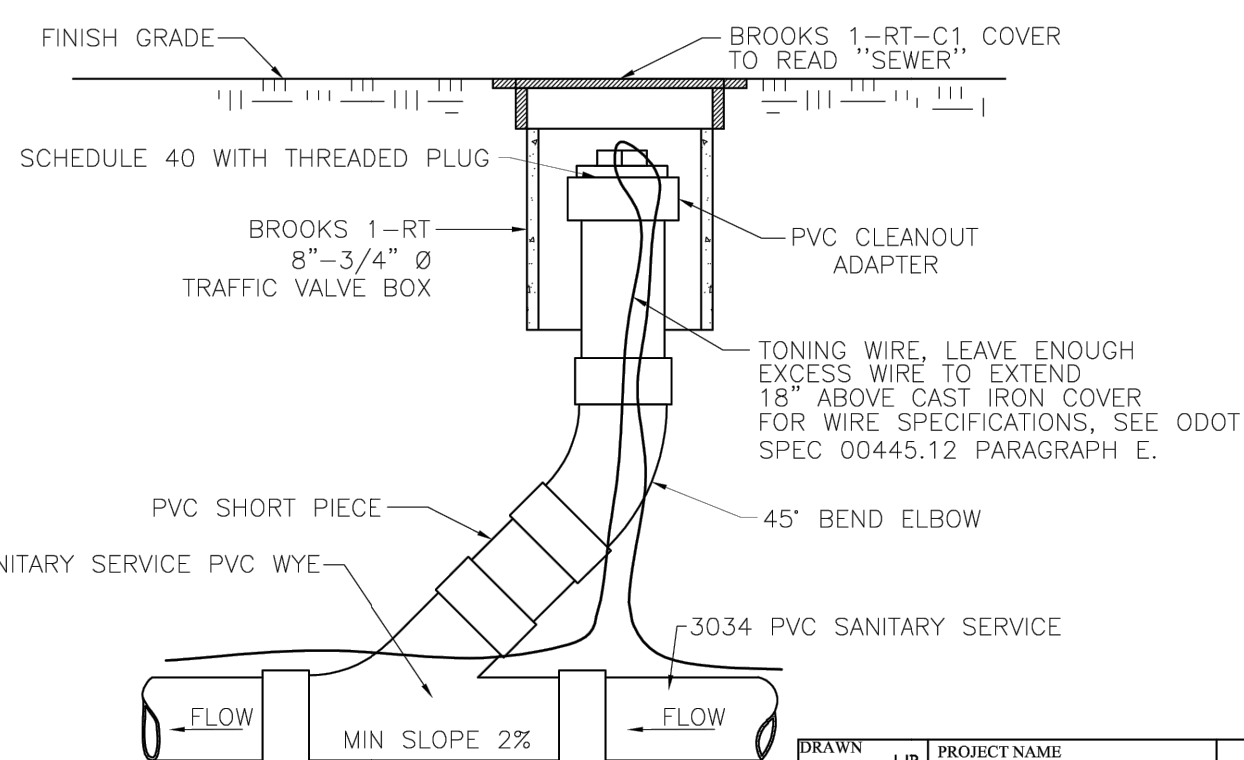
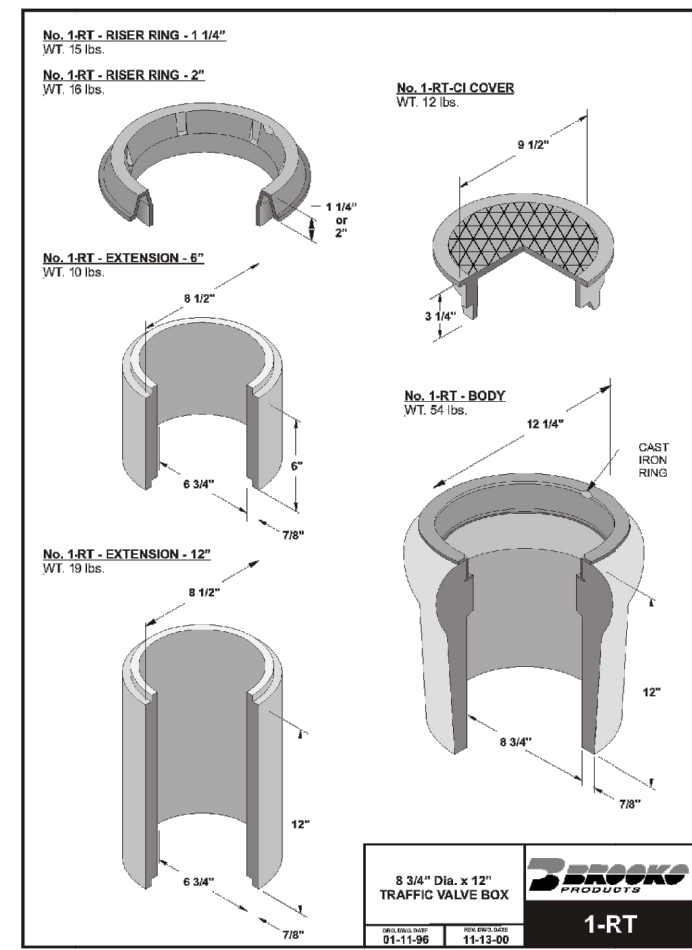
OREGON STANDARD DRAWINGS

INLET PROTECTION TYPE 2, 3, 6, 7, 10 AND 11

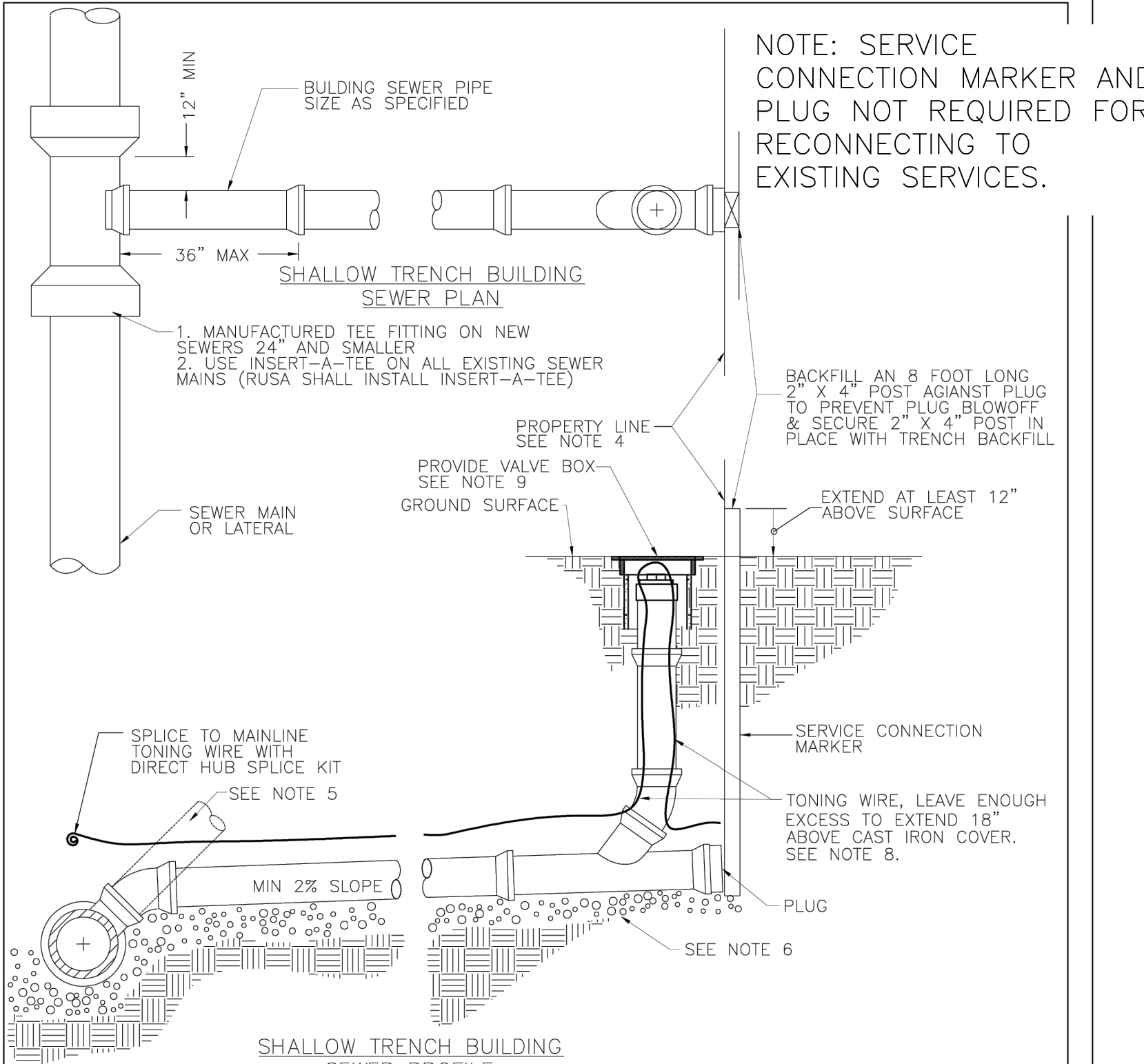
DATE	REVISION	DESCRIPTION
01-2021	REMOVED CALL BOOK NUMBERS	
01-2021	MOVED NOTES UP FROM OVERLAPPING THE SHEET BORDER	

CALC. BOOK NO. N/A SDR DATE: 20-JAN-2021 RD1010

Effective Date: December 1, 2023 - May 31, 2024



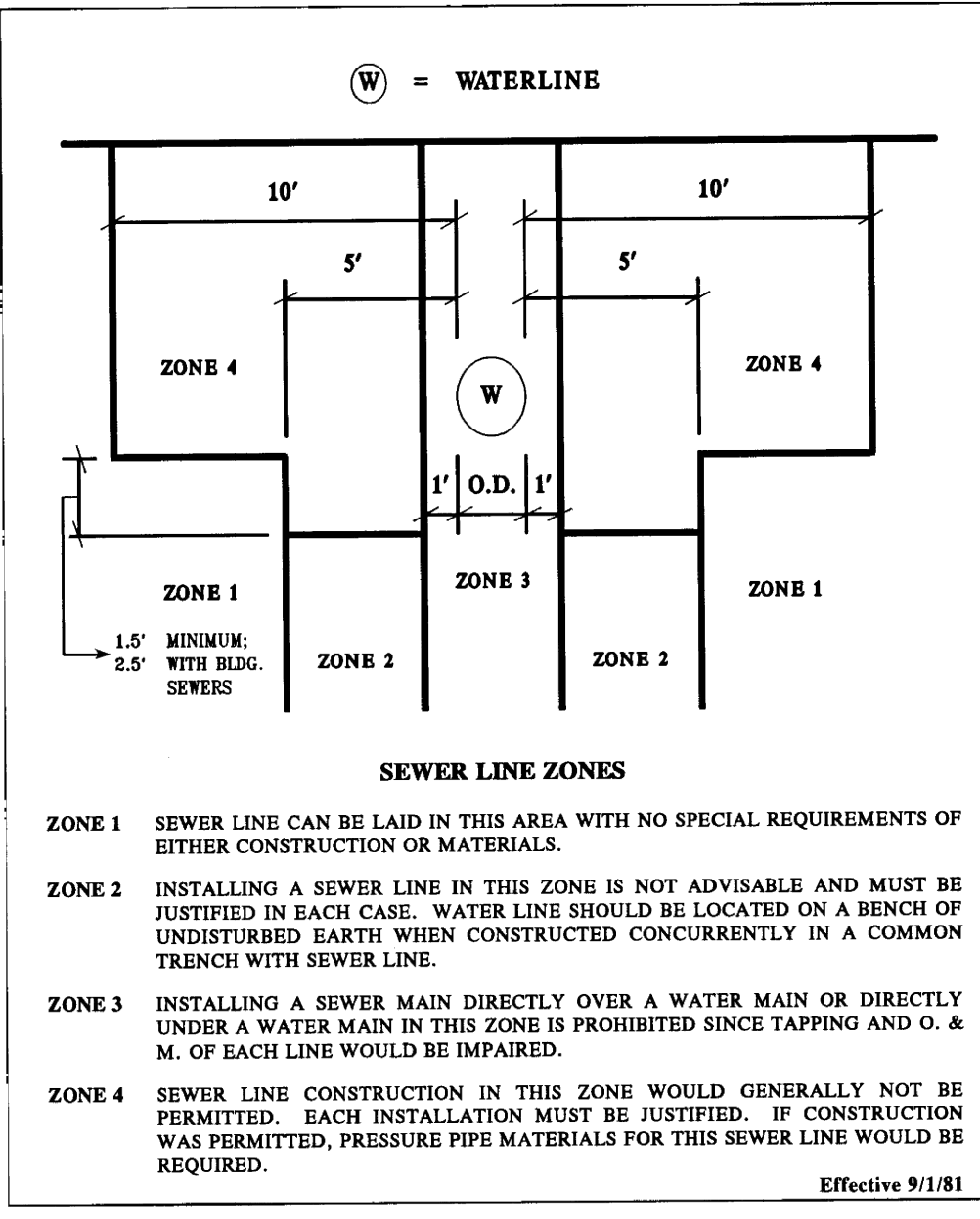
DRAWN	JJB	PROJECT NAME	SANITARY SEWER STANDARDS
REVIEWED	JJB	TITLE	CLEANOUT
APPROVED	DMK	REVISION DATE	6/19/2019
REVISION DATE	12/18/2018	12/17/2018	



NOTE: SERVICE CONNECTION MARKER AND PLUG NOT REQUIRED FOR RECONNECTING TO EXISTING SERVICES.

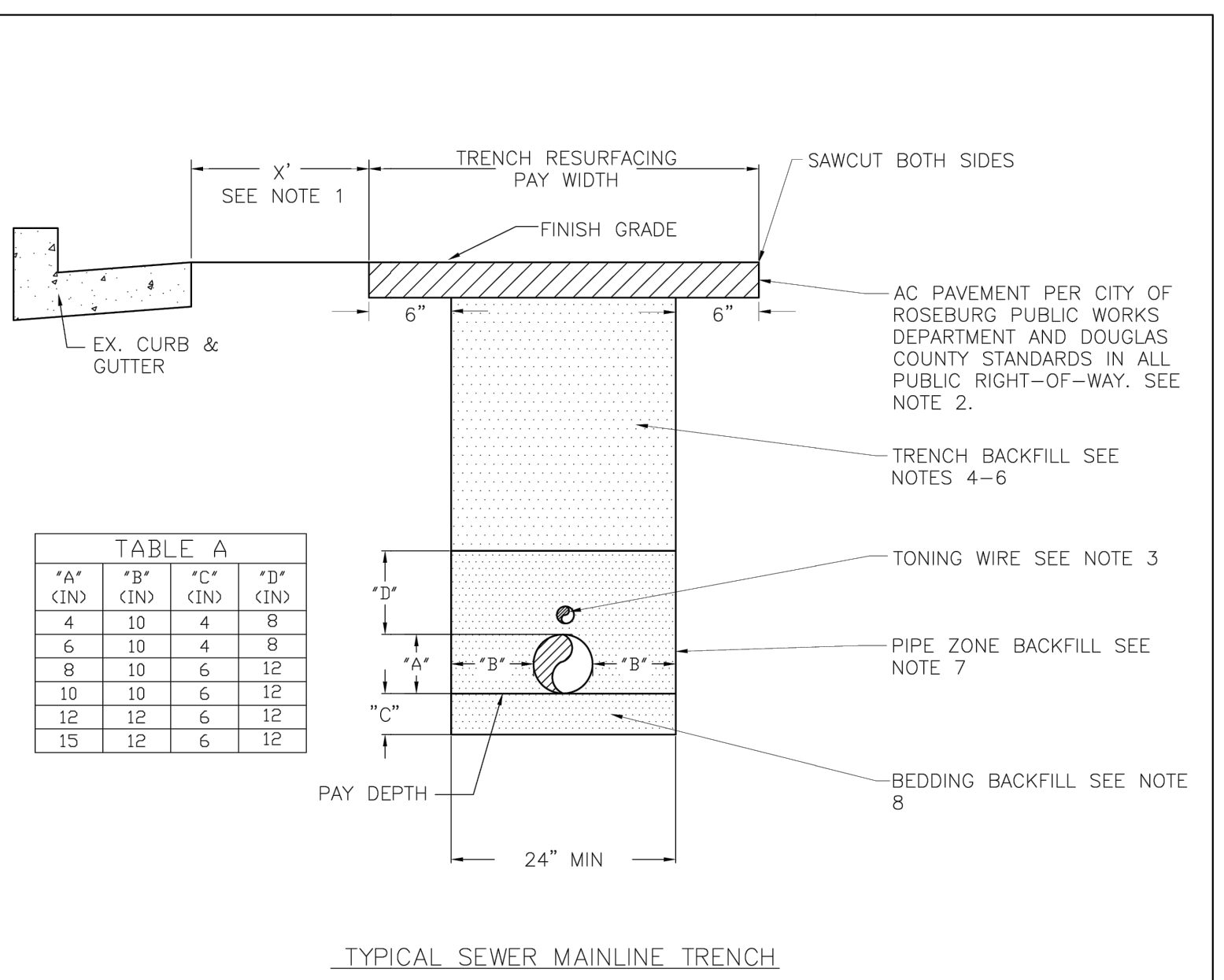
- NOTES:
- PIPE AND FITTINGS SHALL BE COMPATIBLE. ONLY MANUFACTURED FITTINGS SHALL BE USED.
 - TYPICAL MINIMUM DEPTH AT RIGHT OF WAY OR EASEMENT LINE SHALL BE 4'.
 - MARKER POSTS AND BLOCKING SHALL BE TREATED WOOD. POST SHALL BE AN 8 FOOT LONG 2" X 4" FIR. POST TO EXTEND 12" MIN ABOVE FINISH GRADE AND EXPOSED AREA SHALL BE PAINTED GREEN.
 - INSTALL CLEAN OUT AT OR NEAR RIGHT-OF-WAY LINE.
 - LAY BUILDING SEWER AT MAX 45° FROM HORIZONTAL TO ACHIEVE REQUIRED DEPTH AT PROPERTY LINE. WHEN MINIMUM SLOPE RESULTS IN EXCESSIVE DEPTH OF OVER 4' (SEE RUSA DEEP TRENCH BLDG SEWER STD DWG 445-140).
 - FOR BEDDING AND BACKFILL SEE RUSA STD DWG 445-110.
 - MANUFACTURED TEE TO BE SET AT 45° FROM HORIZONTAL.
 - FOR TONING WIRE SPECS SEE ODOT 00445.11 PARAGRAPH E.
 - BROOKS 1-RT SEE RUSA CLEANOUT STD DWG 445-120

DRAWN	JJB	PROJECT NAME	SANITARY SEWER STANDARDS
REVIEWED	DMK	TITLE	SHALLOW TRENCH BUILDING SEWER
APPROVED	JJB	REVISION DATE	6/19/2019
REVISION DATE	12/18/2018	12/17/2018	



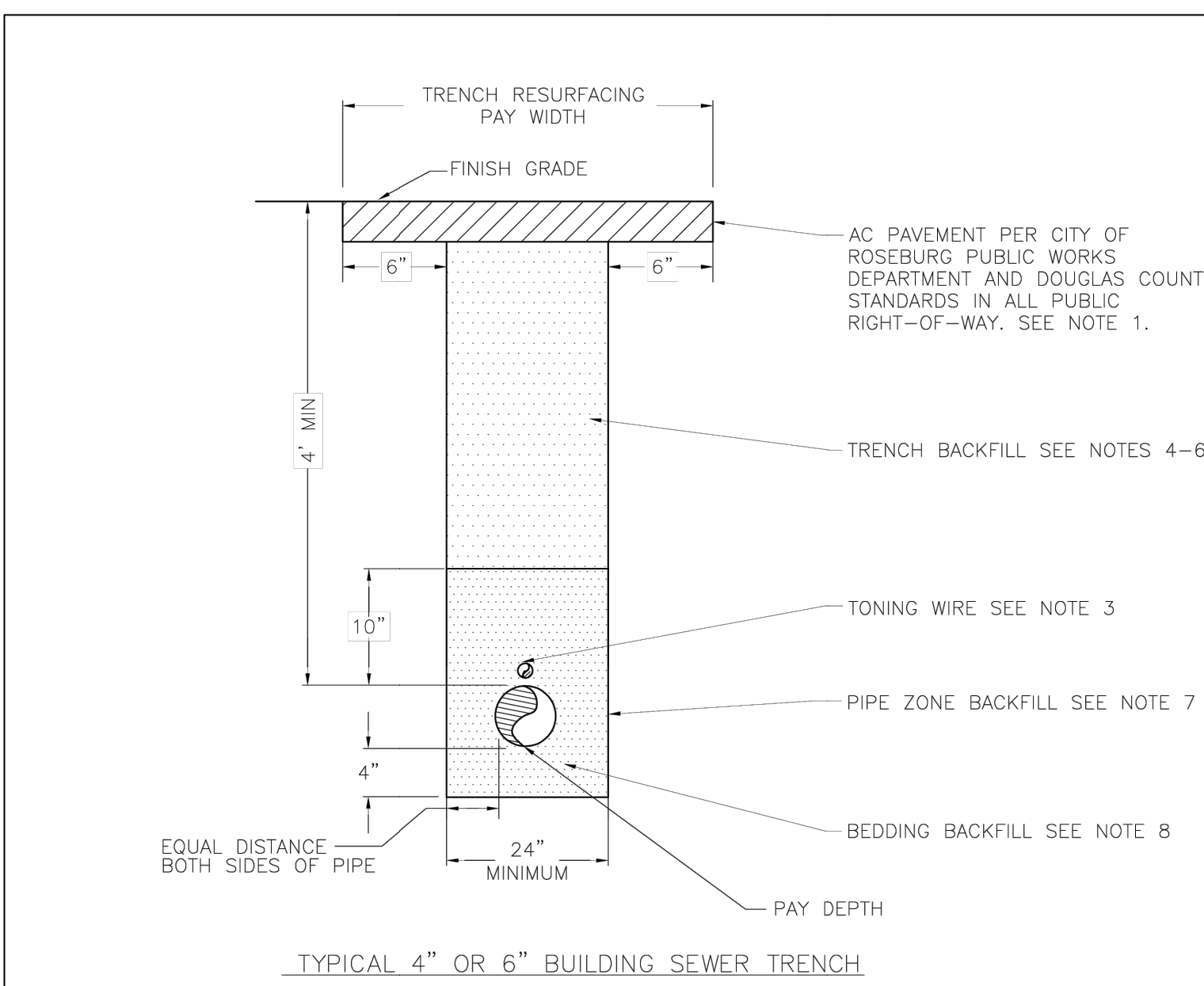
- FIGURE A-1 SEPARATION OF PARALLEL WATER-SEWER LINES
- PARALLEL WATER AND SEWER LINES: SEWER LINES SHOULD CONFORM TO FIGURE A-1. COMMON TRENCH CONSTRUCTION FOR WATER AND SEWER SHOULD BE AVOIDED WHERE PRACTICAL. WHERE USED, THE MINIMUM SEPARATIONS OF FIGURE A-1 SHOULD BE MAINTAINED.
 - VERTICAL SEPARATION FOR CROSSINGS OF WATER AND SEWER LINES: NO SPECIAL PRECAUTIONS SHOULD BE NECESSARY WHERE TOP OF SEWER LINE IS AT LEAST 1.5 FEET BELOW BOTTOM OF WATER LINE AND ADEQUATE STRUCTURAL PROTECTION FOR EACH LINE IS PROVIDED.

DRAWN	JJB	PROJECT NAME	SANITARY SEWER STANDARDS
REVIEWED	DMK	TITLE	WATER/SEWER SEPARATION
APPROVED	JJB	REVISION DATE	6/19/2019
REVISION DATE	12/18/2018	12/17/2018	



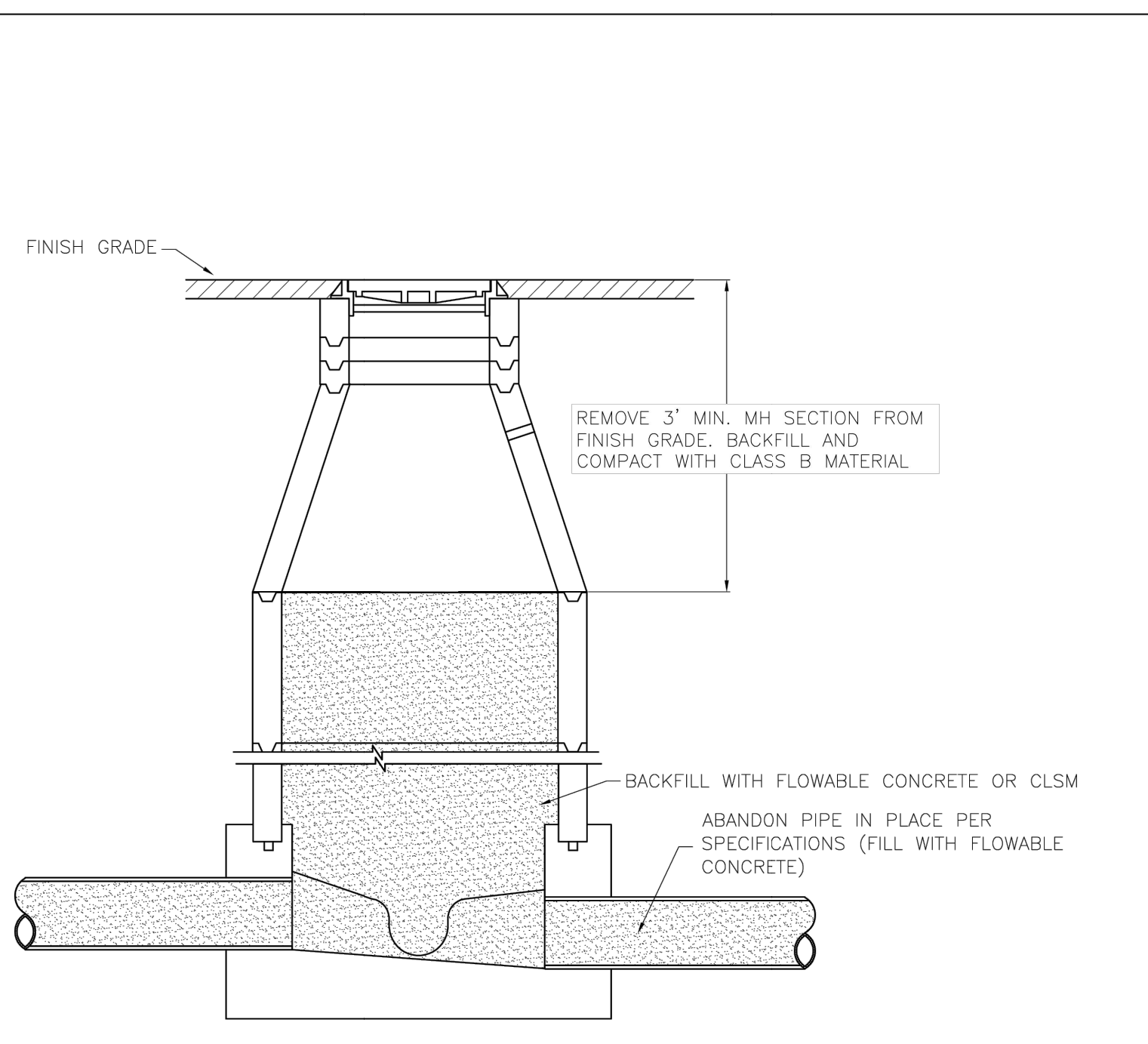
- NOTES:
- WHEN X IS LESS THAN 5', CONTRACTOR SHALL REMOVE AND REPLACE AC PAVEMENT TO CURB AND/OR GUTTER PER CITY OF ROSEBURG.
 - WHEN SEWER MAINLINE IS NOT LOCATED IN PUBLIC RIGHT-OF-WAY, AC SHALL BE PER APPROVED PLANS.
 - TONING WIRE TO BE TAPED TO PIPE EVERY 10'. FOR TONING WIRE SPECIFICATIONS, SEE ODOT STANDARD SPECIFICATION 00445.12 PARAGRAPH E.
 - TRENCH BACKFILL IN RIGHT-OF-WAY SHALL BE CLASS "C" CONTROLLED LOW STRENGTH MATERIAL (CLSM) OR CLASS "B" IF APPROVED.
 - WHEN SEWER LINE IS IN UNPAVED AREAS OUTSIDE OF RIGHT-OF-WAY, TRENCH BACKFILL MATERIAL SHALL BE CLASS "A".
 - WHEN SEWER LINE IS IN PAVED AREAS OUTSIDE OF THE RIGHT-OF-WAY, TRENCH BACKFILL MATERIAL SHALL BE CLASS "B".
 - PIPE ZONE BACKFILL SHALL BE CLASS "B" 3/4"-0" UNLESS OTHERWISE APPROVED.
 - BEDDING MATERIAL SHALL BE CLASS "B" 3/4"-0" UNLESS OTHERWISE APPROVED.

DRAWN	JJB	PROJECT NAME	SANITARY SEWER STANDARDS
REVIEWED	DMK	TITLE	TYPICAL MAINLINE TRENCH
APPROVED	JJB	REVISION DATE	6/19/2019
REVISION DATE	12/18/2018	12/17/2018	



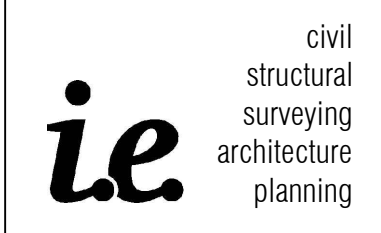
- NOTES:
- WHEN SEWER MAINLINE IS NOT LOCATED IN PUBLIC RIGHT-OF-WAY, AC SHALL BE PER APPROVED PLANS.
 - TYPICAL DEPTH OF COVER OVER SEWER LATERAL AT PROPERTY LINE/RIGHT-OF-WAY SHALL BE 4' MINIMUM.
 - TONING WIRE TO BE TAPED TO PIPE EVERY 10'. FOR TONING WIRE SPECIFICATIONS, SEE ODOT STANDARD SPECIFICATION 00445.12 PARAGRAPH E.
 - TRENCH BACKFILL IN RIGHT-OF-WAY SHALL BE CLASS "C" CONTROLLED LOW STRENGTH MATERIAL (CLSM) OR CLASS "B" IF APPROVED.
 - WHEN SEWER LINE IS IN UNPAVED AREAS OUTSIDE OF RIGHT-OF-WAY, TRENCH BACKFILL MATERIAL SHALL BE CLASS "A".
 - WHEN SEWER LINE IS IN PAVED AREAS OUTSIDE OF THE RIGHT-OF-WAY, TRENCH BACKFILL MATERIAL SHALL BE CLASS "B".
 - PIPE ZONE BACKFILL SHALL BE CLASS "B" 3/4"-0" UNLESS OTHERWISE APPROVED.
 - BEDDING MATERIAL SHALL BE CLASS "B" 3/4"-0" UNLESS OTHERWISE APPROVED.

DRAWN	JJB	PROJECT NAME	SANITARY SEWER STANDARDS
REVIEWED	DMK	TITLE	TYPICAL BUILDING SEWER TRENCH
APPROVED	JJB	REVISION DATE	6/19/2019
REVISION DATE	12/18/2018	12/17/2018	



- NOTES:
- REMOVE 3' MIN. MH SECTION FROM FINISH GRADE, BACKFILL AND COMPACT WITH CLASS B MATERIAL.
 - BACKFILL WITH FLOWABLE CONCRETE OR CLSM.
 - ABANDON PIPE IN PLACE PER SPECIFICATIONS (FILL WITH FLOWABLE CONCRETE).

DRAWN	JJB	PROJECT NAME	SANITARY SEWER STANDARDS
REVIEWED	DMK	TITLE	ABANDONED MANHOLE
APPROVED	JJB	REVISION DATE	6/19/2019
REVISION DATE	12/18/2018	12/17/2018	



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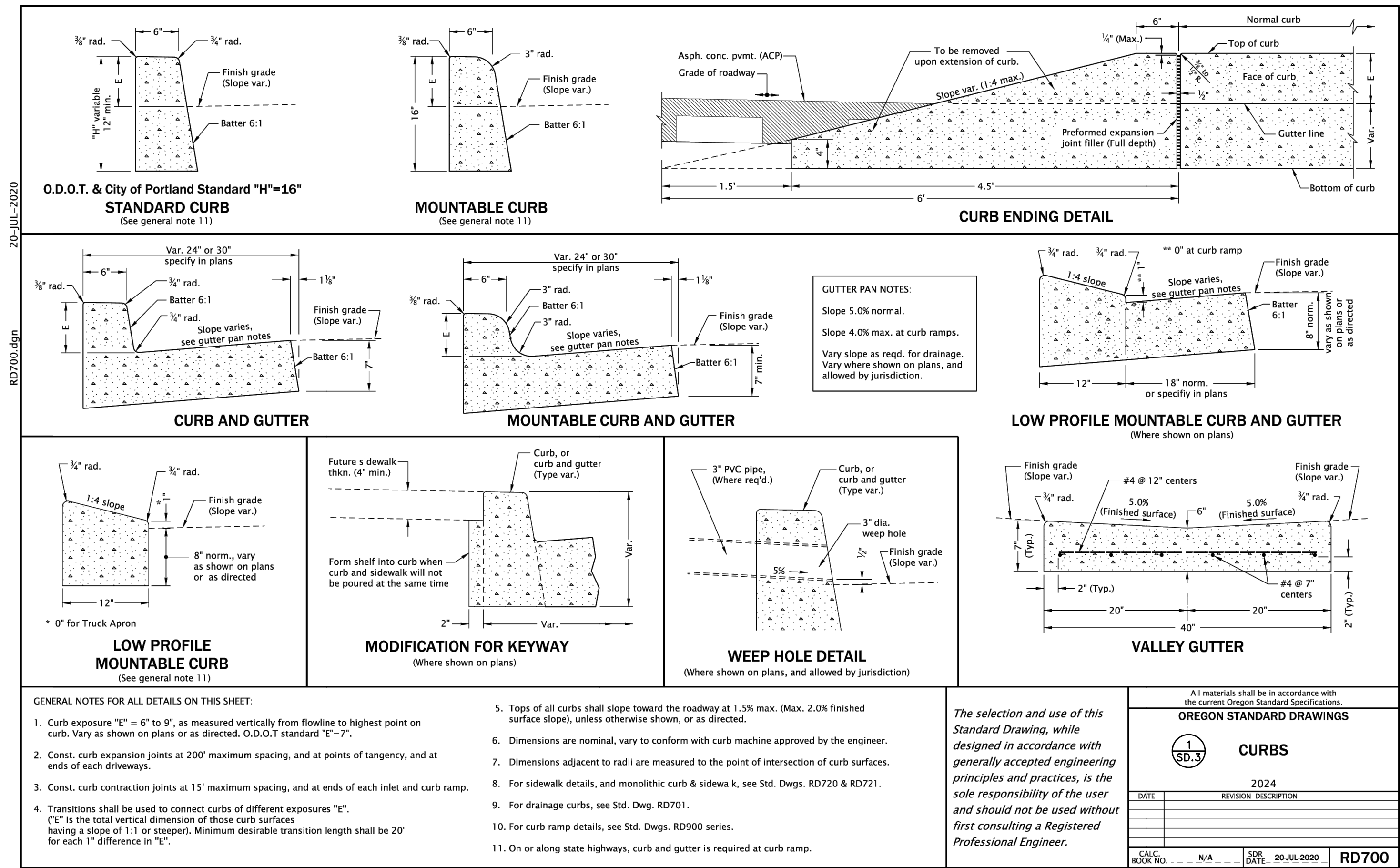
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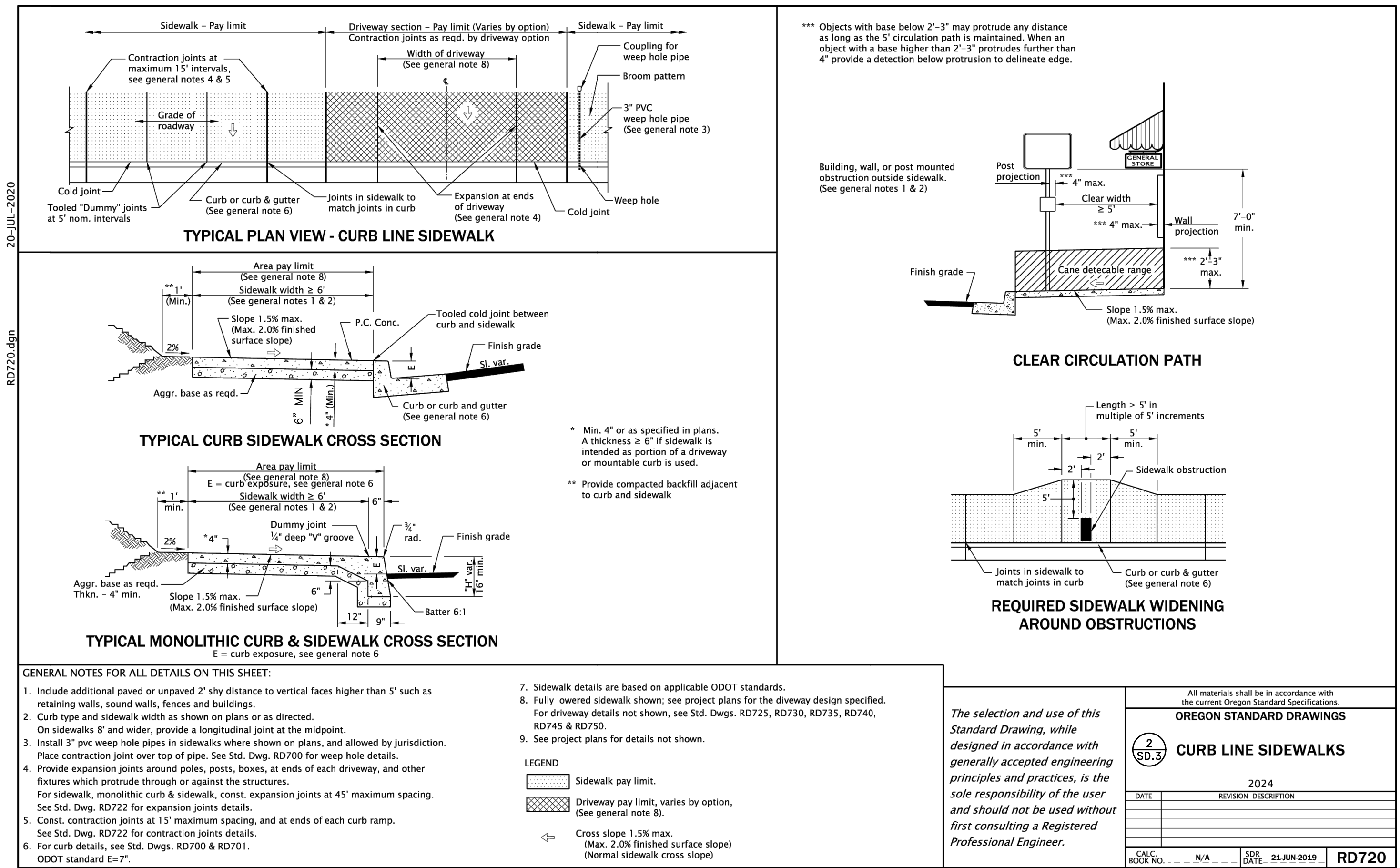


OREGON STANDARD DRAWINGS
1 SD.3 CURBS
2024
DATE: _____ REVISION: _____
CALC. BOOK NO. N/A JOB DATE: 20JUL2020 **RD700**

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.

Effective Date: December 1, 2023 – May 31, 2024

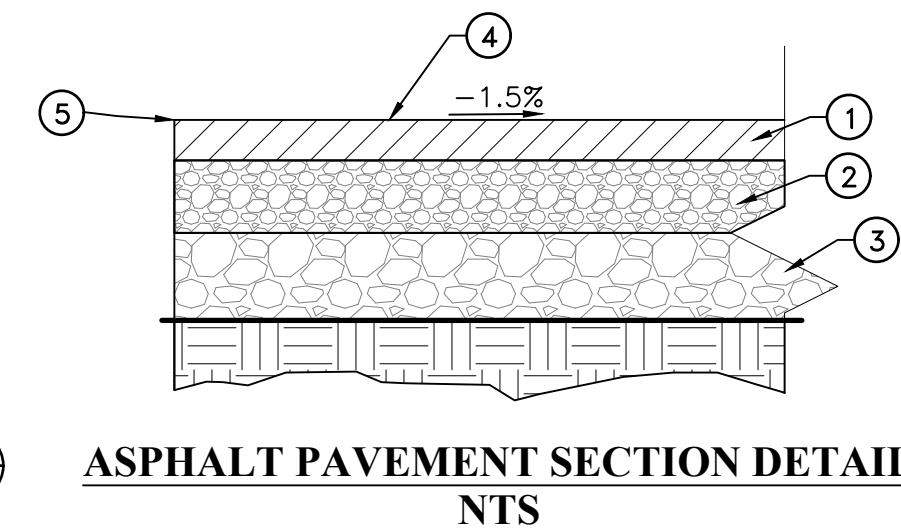


OREGON STANDARD DRAWINGS
3 SD.3 ASPHALT PAVEMENT SECTION DETAILS
2024
DATE: _____ REVISION: _____
CALC. BOOK NO. N/A JOB DATE: 20JUL2020 **RD700**

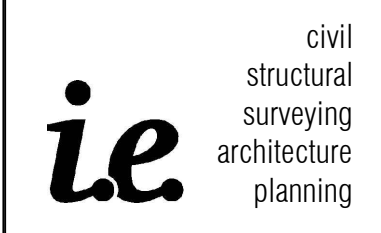
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Effective Date: December 1, 2023 – May 31, 2024



- DRIVEWAY BASE NOTES:**
- LEVEL 2, 1/2" DENSE HMAC; 3" THICK
 - 3" THICK; 3/4"-0, OR 1"-0, CRUSHED ROCK
 - EXISTING DRIVEWAY BASE ROCK
 - TOP OF PROPOSED ASPHALT SHALL SLOPE -1.5% FROM SOUTH TO NORTH EDGE.
 - SOUTH EDGE OF ACCESS ROAD SHALL MATCH EXISTING GRADE.
- NEW DRIVEWAY AREA NOTES:**
- LEVEL 2, 1/2" DENSE HMAC; 3" THICK
 - 3" THICK; 3/4"-0, OR 1"-0, CRUSHED ROCK
 - 10" THICK, 4" -0, CRUSHED ROCK
 - TOP OF PROPOSED ASPHALT SHALL MATCH EXISTING GRADE
 - EXISTING GRADE



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Rev.	Date	Dwg	Description

UMPOUA ST SEWER REPLACEMENT
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PAVING STANDARD DETAILS
SCALE: NONE
JANUARY 31, 2024
ISSUE: PRELIMINARY
CHK: DMW

PROJECT NO. 0151-36
DRW: AW

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