

KESLING STREET AND S. 5TH STREET IMPROVEMENTS

KESLING STREET FROM S. 4TH STREET TO S. 5TH STREET

5TH STREET FROM KESLING STREET TO LASALLE STREET

LEGEND

EXISTING

---	PROPERTY LINE
---	ADJOINER PROPERTY LINE
==	CURB
----	EDGE OF ASPHALT
----	OVERHEAD WIRES
----	GAS LINE
----	STORMWATER LINE
----	WASTEWATER LINE
----	WATER LINE
----	UNDERGROUND TELEPHONE LINE
----	CONTOUR LINE
----	FENCE
----	EDGE OF GRAVEL LINE
+	FIRE HYDRANT
W	WATER METER
+	WATER VALVE
+	WATER IRRIGATION VALVE
+	HOSE BIB

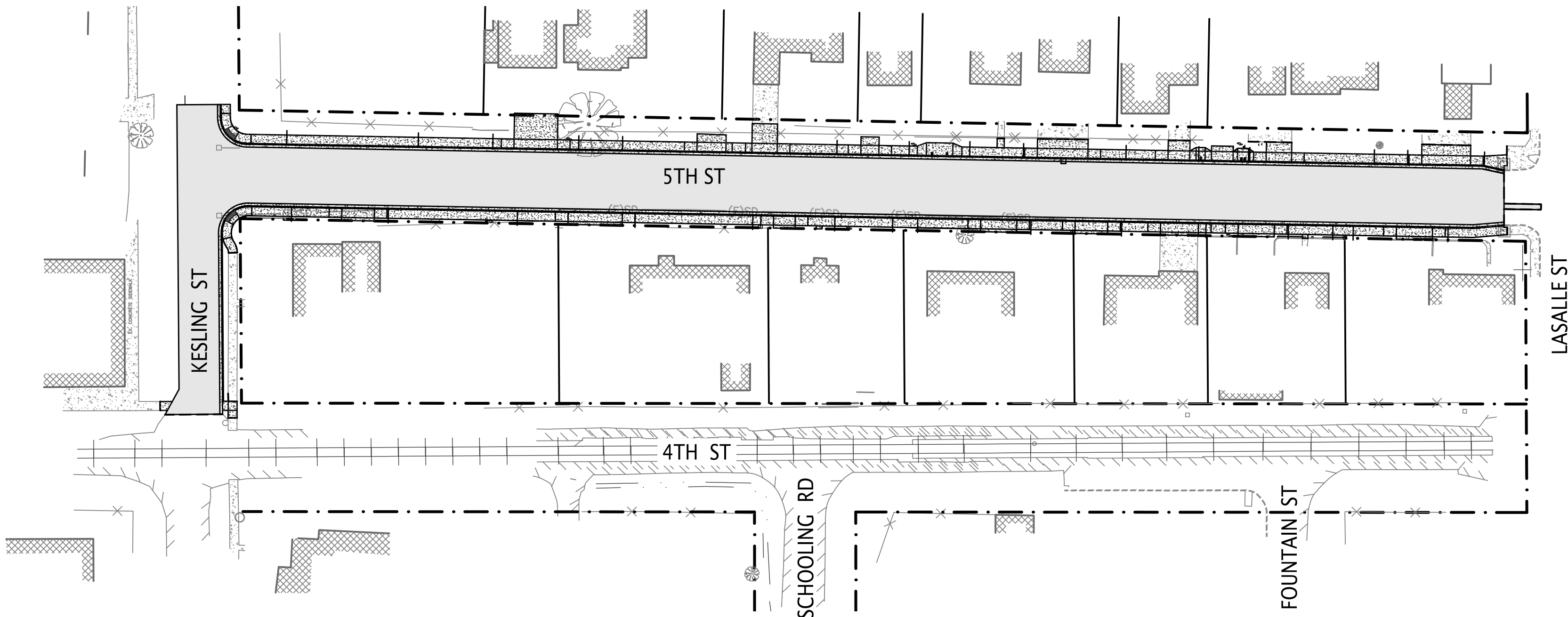
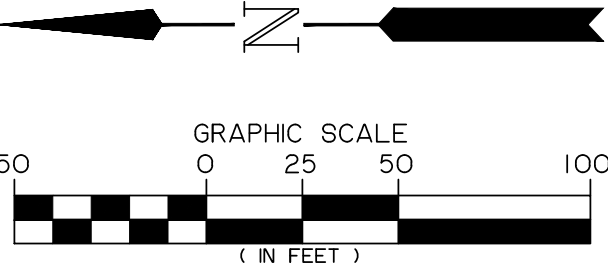
W	WASTEWATER MANHOLE
SD	STORM DRAIN MANHOLE
+	CURB INLET
+	CATCH BASIN
+	MAIL BOX
+	SIGN
+	ELECTRIC POLE
+	TELEPHONE RISER
+	GAS VALVE
+	CLEAN OUT
+	CONCRETE
+	BUILDING
+	DECIDUOUS TREE
+	EVERGREEN TREE

ABBREVIATIONS

TC	TOP OF CURB	HORZ.	HORIZONTAL
QL	GUTTER LINE	VERT.	VERTICAL
C	CONCRETE	ODOT	OREGON DEPARTMENT OF TRANSPORTATION
AC	ASPHALT CONCRETE	PC	POINT OF CURVATURE
BW	BACK OF WALK	PT	POINT OF TANGENCY
HMAC	HOT MIX ASPHALT	PVI	POINT OF VERTICAL INTERSECTION
MAX.	MAXIMUM	LVC	LENGTH OF VERTICAL INTERSECTION
MIN.	MINIMUM	BVCS	BEGIN VERTICAL CURVE STATION
PSI	POUNDS PER SQUARE INCH	EVCS	END VERTICAL CURVE STATION
STA.	STATION	BVCE	BEGIN VERTICAL CURVE ELEVATION
HWY.	HIGHWAY	EVCE	END VERTICAL CURVE ELEVATION
STD.	STANDARD	PCC	POINT OF COMPOUND CURVE
DWG	DRAWING	PRC	POINT OF REVERSE CURVE
W/L	WATERLINE	CL	CENTERLINE
EX.	EXISTING	L	LEFT
PROP.	PROPOSED	R	RIGHT
SAN	SANITARY	WW	WASTEWATER
LAT	LATERAL	SS	SANITARY SEWER
IE	INVERT ELEVATION	SD	STORM DRAIN
ELEV.	ELEVATION	STM	STORM
FG	FINISHED GRADE	MH	MANHOLE
EG	EXISTING GRADE	CB	CATCH BASIN
		DCVA	DOUBLE CHECK VALVE ASSEMBLY

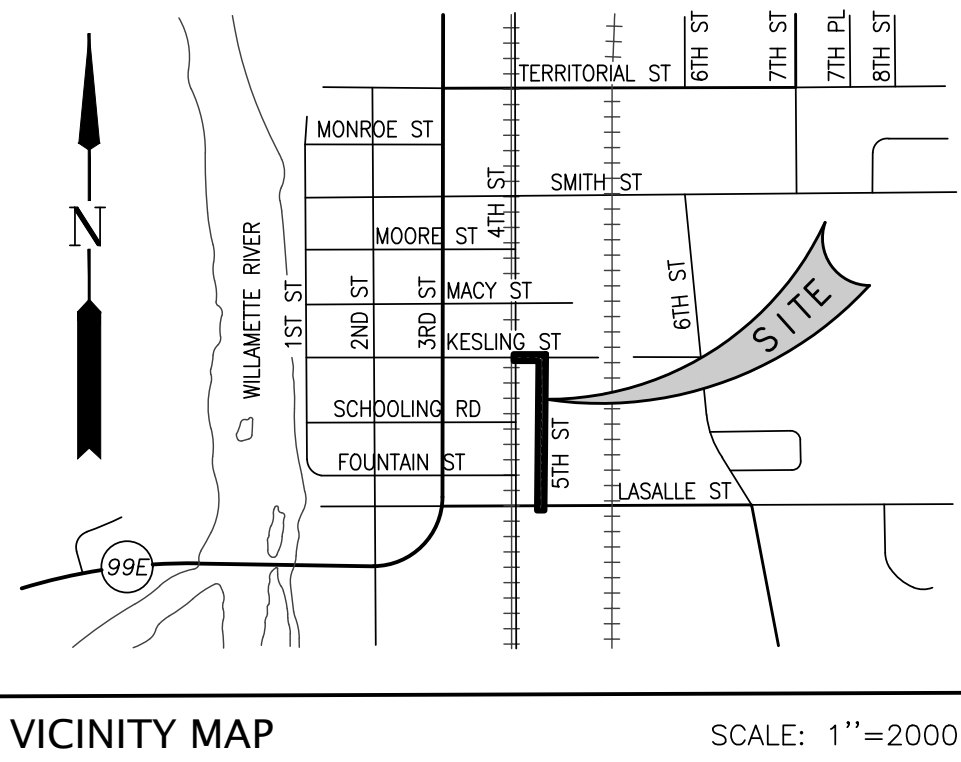
PROPOSED

---	PROPERTY LINE
---	ADJOINER PROPERTY LINE
==	CURB
----	STORMWATER LINE
----	WASTEWATER LINE
----	WATER LINE
----	CONTOUR LINE
----	FENCE
+	CONCRETE
+	ASPHALT
+	FIRE HYDRANT
+	WATER METER
+	STORM DRAIN MANHOLE
+	CATCH BASIN
+	MAIL BOX
+	SIGN
+	GUY WIRE
+	ELECTRIC POLE



SHEET #	SHEET TITLE
C0	COVER SHEET
C1	TYPICAL SECTIONS AND GENERAL NOTES
C2	KESLING ST. - EXISTING CONDITIONS AND DEMOLITION PLAN
C3	S. 5TH ST. - EXISTING CONDITIONS AND DEMOLITION PLAN
C4	KESLING ST. - STREET & STORM PLAN & PROFILE STA. 1+00-3+00
C5	S. 5TH ST. - STREET & STORM PLAN & PROFILE STA. 0+00-3+50
C6	S. 5TH ST. - STREET & STORM PLAN & PROFILE STA. 3+50-7+50
C7	KESLING ST. - WATER PLAN & PROFILE STA. 0+00-2+00
C8	S. 5TH ST. - WATER PLAN & PROFILE STA. 0+00-4+00
C9	S. 5TH ST. - WATER PLAN & PROFILE STA. 4+00-7+50
C10	DETAILS
C11	DETAILS
C12	DETAILS

UTILITY PROVIDERS		
UTILITY	PROVIDER	PHONE NUMBER
WATER	CITY OF HARRISBURG	541-995-6655
SEWER	CITY OF HARRISBURG	541-995-6655
STORM	CITY OF HARRISBURG	541-995-6655
ELECTRIC	PACIFIC POWER	503-255-4634
GAS	NW NATURAL	503-220-2415
TELEPHONE	CENTURY LINK	800-283-4237
TELEVISION	COMCAST	541-230-0079



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OREGON
JULY 9, 2001
GREGORY A. MOWER

EXPIRES: DECEMBER 31, 2020

project title:

KESLING STREET AND S. 5TH STREET IMPROVEMENTS

KESLING ST. FROM S. 4TH STREET TO S. 5TH ST.
S. 5TH ST. FROM KESLING ST. TO LASALLE ST.
HARRISBURG, OREGON

revisions:

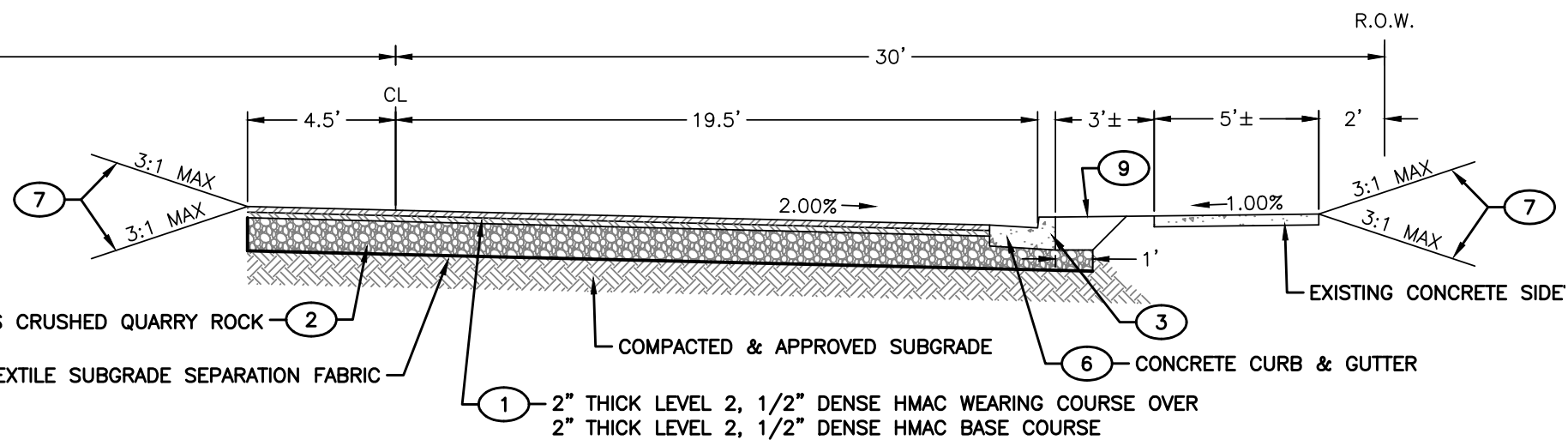
date: JAN. 15, 2020
drawn by: GAM
designer: GAM
project no: 19-009C
COVER SHEET

sheet:

C0

GENERAL CONSTRUCTION NOTES

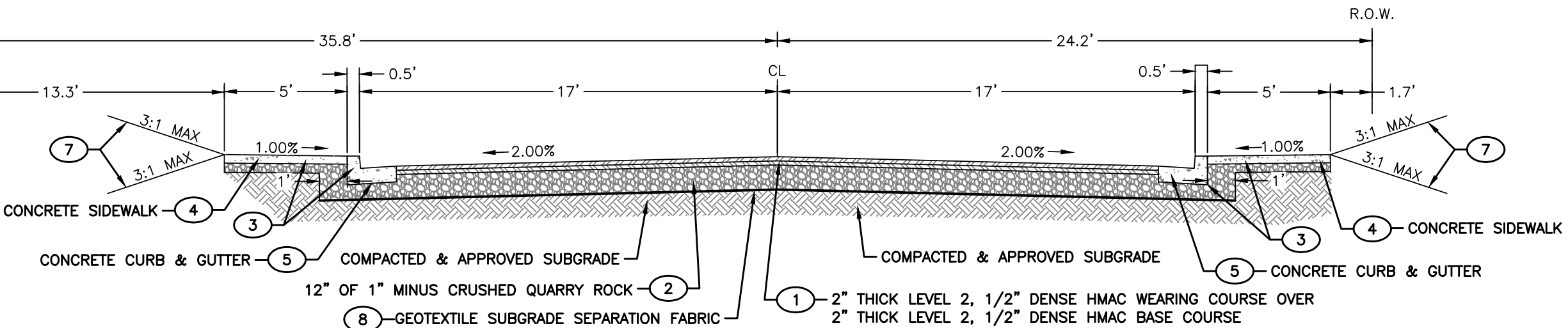
1. CONTRACTOR SHALL PROCURE, AND CONFORM TO ALL CONSTRUCTION PERMITS REQUIRED BY THE CITY OF HARRISBURG, LINN COUNTY AND ODOT.
2. ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS 800-332-2334 or 811).
3. CONTRACTOR TO NOTIFY CITY, COUNTY AND ALL UTILITY COMPANIES A MINIMUM OF 48 BUSINESS HOURS (2 BUSINESS DAYS) PRIOR TO START OF CONSTRUCTION, AND COMPLY WITH ALL OTHER NOTIFICATION REQUIREMENTS OF AGENCIES WITH JURISDICTION OVER THE WORK.
4. CONTRACTOR SHALL PROVIDE ALL BONDS AND INSURANCE REQUIRED BY PUBLIC AND/OR PRIVATE AGENCIES HAVING JURISDICTION, WHERE REQUIRED BY PUBLIC AND/OR PRIVATE AGENCIES HAVING JURISDICTION, THE CONTRACTOR SHALL SUBMIT A SUITABLE MAINTENANCE BOND PRIOR TO FINAL PAYMENT.
5. ALL MATERIALS AND WORKMANSHIP FOR FACILITIES IN STREET RIGHT-OF-WAY OR EASEMENTS SHALL CONFORM TO APPROVING AGENCIES' CONSTRUCTION SPECIFICATIONS WHEREIN EACH HAS JURISDICTION, INCLUDING BUT NOT LIMITED TO THE CITY, COUNTY, OREGON HEALTH DIVISION (OHD) AND THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ).
6. UNLESS OTHERWISE APPROVED BY THE PUBLIC WORKS DIRECTOR, CONSTRUCTION OF ALL PUBLIC FACILITIES SHALL BE DONE BETWEEN 7:00 A.M. AND 6:00 P.M., MONDAY THROUGH SATURDAY.
7. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET APPLICABLE AGENCY REQUIREMENTS AND PROVIDE A COMPLETED PROJECT.
8. ANY INSPECTION BY THE CITY, COUNTY OR OTHER AGENCIES SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE CONTRACT DOCUMENTS, APPLICABLE CODES, AND AGENCY REQUIREMENTS.
9. CONTRACTOR SHALL MAINTAIN ONE COMPLETE SET OF APPROVED DRAWINGS ON THE CONSTRUCTION SITE AT ALL TIMES WHEREON HE WILL RECORD ALL APPROVED DEVIATIONS IN CONSTRUCTION FROM THE APPROVED DRAWINGS, AS WELL AS THE STATION LOCATIONS AND DEPTHS OF ALL EXISTING UTILITIES ENCOUNTERED. THESE FIELD RECORD DRAWINGS SHALL BE KEPT UP TO DATE AT ALL TIMES AND SHALL BE AVAILABLE FOR INSPECTION BY THE CITY OR OWNER'S REPRESENTATIVE UPON REQUEST. FAILURE TO CONFORM TO THIS REQUIREMENT MAY RESULT IN DELAY IN PAYMENT AND/OR FINAL ACCEPTANCE OF THE PROJECT.
10. UPON COMPLETION OF CONSTRUCTION OF ALL NEW FACILITIES, CONTRACTOR SHALL SUBMIT A CLEAN SET OF FIELD RECORD DRAWINGS CONTAINING ALL AS-BUILT INFORMATION TO THE ENGINEER. ALL INFORMATION SHOWN ON THE CONTRACTOR'S FIELD RECORD DRAWINGS SHALL BE SUBJECT TO VERIFICATION. IF SIGNIFICANT ERRORS OR DEVIATIONS ARE NOTED, AN AS-BUILT SURVEY PREPARED AND STAMPED BY A REGISTERED PROFESSIONAL LAND SURVEYOR SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE.
11. CONTRACTOR SHALL PROCURE AND CONFORM TO DEQ STORMWATER PERMIT NO. 1200C FOR CONSTRUCTION ACTIVITIES WHERE 1 ACRE OR MORE ARE DISTURBED.
12. THE CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A REGISTERED CIVIL ENGINEER AND/OR LAND SURVEYOR LICENSED IN THE STATE OF OREGON TO ESTABLISH CONSTRUCTION CONTROL AND PERFORM INITIAL CONSTRUCTION SURVEYS TO ESTABLISH THE LINES AND GRADES OF IMPROVEMENTS AS INDICATED ON THE DRAWINGS. STAKING FOR BUILDINGS, STRUCTURES, CURBS, GRAVITY DRAINAGE PIPES/STRUCTURES AND OTHER CRITICAL IMPROVEMENTS SHALL BE COMPLETED USING EQUIPMENT ACCURATE TO 0.04 FEET HORIZONTALLY AND 0.02 FEET VERTICALLY, OR BETTER. USE OF GPS EQUIPMENT FOR CONSTRUCTION STAKING OF THESE IMPROVEMENTS IS ALLOWED IF USED IN CONJUNCTION WITH THE ESTABLISHED CONSTRUCTION CONTROL MENTIONED ABOVE.
13. CONTRACTOR SHALL ERECT AND MAINTAIN BARRICADES, WARNING SIGNS, TRAFFIC CONES PER CITY AND COUNTY REQUIREMENTS IN ACCORDANCE WITH THE MUTCD (INCLUDING OREGON AMENDMENTS). ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS AND/OR RESIDENTS REGARDING ACCESS DURING CONSTRUCTION. ALL TRAFFIC CONTROL MEASURES SHALL BE APPROVED AND IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITY. PRIOR TO ANY WORK IN THE EXISTING PUBLIC RIGHT-OF-WAY, CONTRACTOR SHALL SUBMIT FINAL TRAFFIC CONTROL PLAN TO THE CITY, COUNTY AND ODOT FOR REVIEW AND ISSUANCE OF A LANE CLOSURE OR WORK IN RIGHT-OF-WAY PERMIT
14. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL REQUIRED OR NECESSARY INSPECTIONS ARE COMPLETED BY AUTHORIZED INSPECTORS PRIOR TO PROCEEDING WITH SUBSEQUENT WORK WHICH COVERS OR THAT IS DEPENDENT ON THE WORK TO BE INSPECTED. FAILURE TO OBTAIN NECESSARY INSPECTION(S) AND APPROVAL(S) SHALL RESULT IN THE CONTRACTOR BEING FULLY RESPONSIBLE FOR ALL PROBLEMS ARISING FROM UNSPECTED WORK.
15. UNLESS OTHERWISE SPECIFIED, THE ATTACHED "REQUIRED TESTING AND FREQUENCY" TABLE OUTLINES THE MINIMUM TESTING SCHEDULE FOR THE PROJECT. THIS TESTING SCHEDULE IS NOT COMPLETE, AND DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF OBTAINING ALL NECESSARY INSPECTIONS OR OBSERVATIONS FOR ALL WORK PERFORMED, REGARDLESS OF WHO IS RESPONSIBLE FOR PAYMENT. COST FOR RETESTING SHALL BE BORNE BY THE CONTRACTOR.
16. THE LOCATION AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND SIZES OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MARKING ALL EXISTING SURVEY MONUMENTS OF RECORD (INCLUDING BUT NOT LIMITED TO PROPERTY AND STREET MONUMENTS) PRIOR TO CONSTRUCTION. IF ANY SURVEY MONUMENTS ARE REMOVED, DISTURBED OR DESTROYED DURING CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A REGISTERED PROFESSIONAL SURVEYOR LICENSED IN THE STATE OF OREGON TO REFERENCE AND REPLACE ALL SUCH MONUMENTS PRIOR TO FINAL PAYMENT. THE MONUMENTS SHALL BE REPLACED WITHIN A MAXIMUM OF 90 DAYS, AND THE COUNTY SURVEYOR SHALL BE NOTIFIED IN WRITING AS REQUIRED BY PER ORS 209.150.
18. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES WHERE NEW FACILITIES CROSS. ALL UTILITY CROSSINGS MARKED OR SHOWN ON THE DRAWINGS SHALL BE POTHOLED USING HAND TOOLS OR OTHER NON BORING METHODS. PRIOR TO EXCAVATING, CONTRACTOR SHALL BE RESPONSIBLE FOR EXPOSING POTENTIAL UTILITY CONFLICTS FAR ENOUGH AHEAD OF CONSTRUCTION TO MAKE NECESSARY GRADE OR ALIGNMENT MODIFICATIONS WITHOUT DELAYING THE WORK. IF GRADE OR ALIGNMENT MODIFICATION IS NECESSARY, CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER, AND THE DESIGN ENGINEER OR THE OWNER'S REPRESENTATIVE SHALL OBTAIN APPROVAL FROM THE CITY PRIOR TO CONSTRUCTION.
19. ALL FACILITIES SHALL BE MAINTAINED IN-PLACE BY THE CONTRACTOR UNLESS OTHERWISE SHOWN OR DIRECTED. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO SUPPORT, MAINTAIN, OR OTHERWISE PROTECT EXISTING UTILITIES AND OTHER FACILITIES AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR TO LEAVE EXISTING FACILITIES IN AN EQUAL OR BETTER-THAN-ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY AND OWNER'S REPRESENTATIVE.



KESLING STREET - TYPICAL SECTION

STA 1+23.69 TO STA 2+94.97
(NOT TO SCALE)

20. UTILITIES OR INTERFERING PORTIONS OF UTILITIES THAT ARE ABANDONED IN PLACE SHALL BE REMOVED BY THE CONTRACTOR TO THE EXTENT NECESSARY TO ACCOMPLISH THE WORK. THE CONTRACTOR SHALL PLUG THE REMAINING EXPOSED ENDS OF ABANDONED UTILITIES.
21. CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS, MAILBOXES, FENCES, LANDSCAPING, ETC., AS REQUIRED TO AVOID DAMAGE DURING CONSTRUCTION AND REPLACE THEM TO EXISTING OR BETTER CONDITION.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING CONSTRUCTION ACTIVITIES TO ENSURE THAT PUBLIC STREETS AND RIGHT-OF-WAYS ARE KEPT CLEAN OF MUD, AND DUST OR DEBRIS. DUST ABATEMENT SHALL BE MAINTAINED BY ADEQUATE WATERING OF THE SITE BY THE CONTRACTOR.
23. FINISH PAVEMENT GRADES AT TRANSITION TO EXISTING PAVEMENT SHALL MATCH EXISTING PAVEMENT GRADES OR BE FEATHERED PAST JOINTS WITH PAVEMENT AS REQUIRED TO PROVIDE A SMOOTH, FREE DRAINING SURFACE.
24. ALL EXISTING OR CONSTRUCTED MANHOLES, CLEANOUTS, MONUMENT BOXES, GAS VALVES, WATER VALVES AND SIMILAR STRUCTURES SHALL BE ADJUSTED TO MATCH FINISH GRADE OF THE PAVEMENT, SIDEWALK, LANDSCAPED AREA OR MEDIAN STRIP WHEREIN THEY LIE. VERIFY THAT ALL VALVE BOXES AND RISERS ARE CLEAN AND CENTERED OVER THE OPERATING NUT.
25. CONTRACTOR SHALL SEED AND MULCH (UNIFORMLY BY HAND OR HYDROSEED) EXPOSED SLOPES AND DISTURBED AREAS WHICH ARE NOT SCHEDULED TO BE LANDSCAPED, INCLUDING TRENCH RESTORATION AREAS. IF THE CONTRACTOR FAILS TO APPLY SEED AND MULCH IN A TIMELY MANNER DURING PERIODS FAVORABLE FOR GERMINATION, OR IF THE SEEDED AREAS FAIL TO GERMINATE, THE CITY'S REPRESENTATIVE MAY (AT HIS DISCRETION) REQUIRE THE CONTRACTOR TO INSTALL SOD TO COVER SUCH DISTURBED AREAS.
26. ALL TAPPING OF EXISTING MUNICIPAL SANITARY SEWER, STORM DRAIN MAINS, AND MANHOLES MUST BE DONE BY CONTRACTOR FORCES.
27. THE CONTRACTOR SHALL HAVE APPROPRIATE EQUIPMENT ON SITE TO PRODUCE A FIRM, SMOOTH, UNDISTURBED SUBGRADE AT THE TRENCH BOTTOM, TRUE TO GRADE. THE BOTTOM OF THE TRENCH EXCAVATION SHALL BE SMOOTH, FREE OF LOOSE MATERIALS OR TOOTH GROOVES FOR THE ENTIRE WIDTH OF THE TRENCH PRIOR TO PLACING THE GRANULAR BEDDING MATERIAL.
28. ALL PIPES SHALL BE BEDDED WITH MINIMUM 6-INCHES OF 3/4"-0 CRUSHED ROCK BEDDING AND BACKFILLED WITH COMPACTED 3/4"-0 CRUSHED ROCK IN THE PIPE ZONE (CRUSHED ROCK SHALL EXTEND A MINIMUM OF 12-INCHES OVER THE TOP OF THE PIPE IN ALL CASES). CRUSHED ROCK OR CDF TRENCH BACKFILL SHALL BE USED UNDER ALL IMPROVED AREAS, INCLUDING PAVEMENT, SIDEWALKS, FOUNDATION SLABS, BUILDINGS, ETC. IN ACCORDANCE WITH THE PLANS & SPECIFICATIONS. GRANULAR TRENCH BACKFILL SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD (MODIFIED PROCTOR).
29. GRANULAR TRENCH BEDDING AND BACKFILL SHALL CONFORM TO THE REQUIREMENTS OF OSSC (ODOT/APWA) 02630.10 (DENSE GRADED BASE AGGREGATE), 3/4"-0. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, COMPACT GRANULAR BACKFILL TO 95% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD (MODIFIED PROCTOR).
30. ALL PIPED UTILITIES ABANDONED IN PLACE SHALL HAVE ALL OPENINGS CLOSED WITH CONCRETE PLUGS WITH A MINIMUM LENGTH EQUAL TO 2 TIMES THE DIAMETER OF THE ABANDONED PIPE.
31. THE END OF ALL UTILITY SERVICE LINES SHALL BE MARKED WITH A 2-X-4 PAINTED WHITE AND WIRED TO PIPE STUB. THE PIPE DEPTH SHALL BE WRITTEN ON THE POST IN 2" BLOCK LETTERS.
32. ALL NON-METALLIC WATER, SANITARY AND STORM SEWER PIPING SHALL HAVE AN ELECTRICALLY CONDUCTIVE INSULATED 12 GAUGE COPPER TRACER WIRE THE FULL LENGTH OF THE INSTALLED PIPE USING BLUE WIRE FOR WATER AND GREEN WIRE FOR STORM AND SANITARY PIPING. TRACER WIRE SHALL BE EXTENDED UP INTO ALL VALVE BOXES, CATCH BASINS, MANHOLES AND LATERAL CLEANOUT BOXES. TRACER WIRE PENETRATIONS INTO MANHOLES SHALL BE WITHIN 18 INCHES OF THE RIM ELEVATION AND ADJACENT TO MANHOLE STEPS. THE TRACER WIRE SHALL BE TIED TO THE TOP MANHOLE STEP OR OTHERWISE SUPPORTED TO ALLOW RETRIEVAL FROM THE OUTSIDE OF THE MANHOLE.
33. NO TRENCHES IN SIDEWALKS, ROADS, OR DRIVEWAYS SHALL BE LEFT IN AN OPEN CONDITION OVERNIGHT. ALL SUCH TRENCHES SHALL BE CLOSED BEFORE THE END OF EACH WORKDAY AND NORMAL TRAFFIC AND PEDESTRIAN FLOWS RESTORED.
34. CITY FORCES TO OPERATE ALL VALVES, INCLUDING FIRE HYDRANTS, ON EXISTING PUBLIC MAINS.
35. ALL WATER MAINS AND SANITARY SEWER FORCE MAINS SHALL BE C-900 PVC (DR 18) RESPECTIVELY. ALL FITTINGS 4-INCHES THROUGH 24-INCHES IN DIAMETER SHALL BE DUCTILE IRON FITTINGS IN CONFORMANCE WITH AWWA C-153 OR AWWA C-110. THE MINIMUM WORKING PRESSURE FOR ALL MJ CAST IRON OR DUCTILE IRON FITTINGS 4-INCHES THROUGH 24-INCH IN DIAMETER SHALL BE 350 PSI FOR MJ FITTINGS AND 250 PSI FOR FLANGED FITTINGS.
36. ALL WATER MAINS TO BE INSTALLED WITH A MINIMUM 36 INCH COVER TO FINISH GRADE UNLESS OTHERWISE NOTED OR DIRECTED. WATER SERVICE LINES SHALL BE INSTALLED WITH A MINIMUM 30-INCH COVER. DEEPER DEPTHS MAY BE REQUIRED AS SHOWN ON THE DRAWINGS OR TO AVOID OBSTRUCTIONS.
37. THRUST RESTRAINT SHALL BE PROVIDED ON ALL BENDS, TEES AND OTHER DIRECTION CHANGES PER LOCAL JURISDICTION REQUIREMENTS AND AS SPECIFIED OR SHOWN ON THE DRAWINGS. UNLESS OTHERWISE SHOWN OR APPROVED BY THE ENGINEER, ALL VALVES SHALL BE FLANGE CONNECTED TO ADJACENT TEES OR CROSSES.
38. CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT AND MATERIALS (INCLUDING PLUGS, BLOWOFFS, VALVES, SERVICE TAPS, ETC.) REQUIRED TO FLUSH, TEST AND DISINFECT WATERLINES PER PUBLIC AGENCY REQUIREMENTS.
39. WHERE SANITARY SEWER LINES CROSS ABOVE OR WITHIN 18-INCHES VERTICAL SEPARATION BELOW A WATERLINE, SEWER MAINS AND/OR SERVICE LATERALS SHALL BE REPLACED WITH A 18-FOOT LENGTH OF CLASS 50 DUCTILE IRON OR C-900 PVC PIPE (DR 18) CENTERED AT THE CROSSING IN ACCORDANCE WITH OAR 333 AND LOCAL JURISDICTION REQUIREMENTS. CONNECT TO EXISTING SEWER LINES WITH APPROVED RUBBER COUPLINGS. EXAMPLE: FOR AN 8-INCH WATERLINE WITH 36-INCHES COVER, 4-INCH SERVICE LATERAL INVERTS WITHIN 5.67-Feet (68-INCHES) OF FINISH GRADE MUST BE DI OR C-900 PVC AT THE CROSSING. CENTER ONE FULL LENGTH OF WATERLINE PIPE AT POINT OF CROSSING THE SEWER LINE OR SEWER LATERAL.
40. CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS, EQUIPMENT AND FACILITIES TO TEST SANITARY SEWER PIPE AND APPURTENANCES FOR LEAKAGE IN ACCORDANCE WITH TESTING SCHEDULE HEREIN OR THE CITY'S CONSTRUCTION STANDARDS, WHICHEVER ARE MORE STRINGENT. SANITARY SEWER PIPE AND APPURTENANCES SHALL BE TESTED FOR LEAKAGE.
41. CONTRACTOR SHALL NOTIFY AND COORDINATE WITH FRANCHISE UTILITIES FOR REMOVAL OR RELOCATION OF POWER POLES, VAULTS, PEDESTALS, MANHOLES, ETC. TO AVOID CONFLICT WITH CITY UTILITY STRUCTURES, FIRE HYDRANTS, METERS, SEWER OR STORM LATERALS, ETC.



5TH STREET - TYPICAL SECTION

STA 0+00.00 TO STA 7+28.94
(NOT TO SCALE)

REQUIRED TESTING AND FREQUENCY TABLE		PARTY RESPONSIBLE FOR PAYMENT		
		CONTRACTOR	OTHERS (see note 1)	
STREETS, PARKING LOTS, PADS, FILLS, ETC				
ASPHALT	1 TEST/6,000 S.F./LIFT (4 MIN.)	X	SEE NOTE 2	
PIPED UTILITIES, ALL				
TRENCH BACKFILL	1 TEST/200 FOOT TRENCH/LIFT (4 MIN.)	X	SEE NOTE 2	
TRENCH AC RESTORATION	1 TEST/300 FOOT OF TRENCH (4 MIN.)	X	SEE NOTE 2	
WATER				
PRESSURE TEST	(TO BE WITNESSED BY OWNER'S REPRESENTATIVE OR APPROVING AGENCY)	X	SEE NOTE 4	
BACTERIAL WATER TEST	PER OREGON HEALTH DIVISION	X	SEE NOTE 2	
CHLORINE RESIDUAL TEST	PER CITY REQUIREMENTS	X	SEE NOTE 2	
SANITARY SEWER (GRAVITY)				
PIPE	—AIR OR HYDROSTATIC PER ODOT REQUIREMENTS. —DEFLECTION TESTING PER ODOT REQUIREMENTS. —VIDEO INSPECTION PER ODOT REQUIREMENTS.	X	SEE NOTE 2	
MANHOLES	VACUUM TESTING PER ODOT REQUIREMENTS	X	SEE NOTE 2	
CONCRETE				
SLUMP, AIR & CYLINDERS FOR ALL STRUCTURES CURBS, SIDEWALKS AND PCC PAVEMENTS. UNLESS OTHERWISE SPECIFIED, ONE SET OF CYLINDERS PER 100 CUBIC YARDS (OR PORTION THEREOF) OF CONCRETE POURED PER DAY. SLUMP & AIR TESTS REQUIRED ON SAME LOAD AS CYLINDERS.		X	SEE NOTE 2	
NOTE 1: "OTHERS" REFERS TO CITY'S AUTHORIZED REPRESENTATIVE OF APPROVING AGENCY AS APPLICABLE. CONTRACTOR RESPONSIBLE FOR SCHEDULING TESTING. ALL TESTING MUST BE COMPLETED PRIOR TO PERFORMING SUBSEQUENT WORK.				
NOTE 2: TESTING MUST BE PERFORMED BY AN APPROVED INDEPENDENT TESTING LABORATORY OR COMPANY.				
NOTE 3: IN ADDITION TO IN-PLACE DENSITY TESTING, THE SUBGRADE AND BASE ROCK SHALL BE PROOF ROLLED WITH A LOADED 10 YARD DUMP TRUCK PROVIDED BY THE CONTRACTOR. BASEROCK PROOFROLL SHALL TAKE PLACE IMMEDIATELY PRIOR TO (WITHIN 24 HOURS OF) PAVING, AND SHALL BE WITNESSED BY THE CITY'S AUTHORIZED REPRESENTATIVE OR APPROVING AGENCY. LOCATION AND PATTERN OF PROOFROLL TO BE DIRECTED BY SAID CITY'S REPRESENTATIVE OR APPROVING AGENCY.				
NOTE 4: TO BE WITNESSED BY THE CITY'S REPRESENTATIVE OR APPROVING AGENCY. THE CONTRACTOR SHALL PERFORM PRE-TESTS PRIOR TO SCHEDULING WATERLINE OR SANITARY SEWER PRESSURE TESTS, OR PIPELINE MANDREL TEST.				

CONSTRUCTION NOTES

1. PAVEMENT BASE COURSE SHALL BE ONE 2" LIFT OF LEVEL 2, 1/2" DENSE GRADED HMAc. WEARING COURSE SHALL BE ONE 2" LIFT OF LEVEL 2, 1/2" DENSE GRADED HMAc. FOLLOW 2018 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
2. BASE ROCK SHALL BE 12" MIN. 1"-0" CRUSHED QUARRY ROCK AGGREGATE. AGGREGATE SHALL BE COMPACTED TO 95% RELATIVE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. FOLLOW 2018 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
3. PORTLAND CEMENT CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI WITHIN 28 DAYS. FOLLOW 2018 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
4. CONCRETE SIDEWALK TO BE 4" THICK PER OREGON STANDARD DRAWING RD720 OVER 4" OF 1"-0" CRUSHED QUARRY ROCK.
5. CONCRETE CURB & GUTTER PER OREGON STANDARD DRAWING RD700. 6" CURB EXPOSURE AND 4% GUTTER PAN SLOPE.
6. CONCRETE CURB & GUTTER PER OREGON STANDARD DRAWING RD700. 4" CURB EXPOSURE AND 4% GUTTER PAN SLOPE.
7. RESTORE SURFACING TO ORIGINAL OR BETTER CONDITION. COORDINATE WITH CITY OR OWNER FOR LANDSCAPE RESTORATION.
8. GEOTEXTILE SUBGRADE SEPARATION FABRIC TO BE PROPEX GEO-SOLUTIONS GEOTEX 200ST.
9. BACKFILL WITH APPROVED ON-SITE SOIL. PLACE TOPSOIL (2" THICK) AND GRASS SEED MIX PER OREGON STANDARD SPECIFICATIONS SECTION 01040.14 AND 01030.13 LAWN SEED MIX TO BE APPROVED BY CITY.

project title:

KESLING STREET AND
S. 5TH STREET IMPROVEMENTS
KESLING ST. FROM S. 4TH STREET TO S. 5TH ST.
S. 5TH ST. FROM KESLING ST. TO LASALLE ST.
HARRISBURG, OREGON

revisions:

date: JAN. 15, 2020
drawn by: GAM
designer: GAM
project no: 19-009C

TYPICAL
SECTIONS &
GENERAL
NOTES

sheet:

C1



EXPIRES: DECEMBER 31, 2020

project title:

**KESLING STREET AND
S. 5TH STREET IMPROVEMENTS**
KESLING ST. FROM S. 4TH STREET TO S. 5TH ST.
S. 5TH ST. FROM KESLING ST. TO LASALLE ST.
HARRISBURG, OREGON

revisions:

date: IAN 15.2020

drawn by: GAM

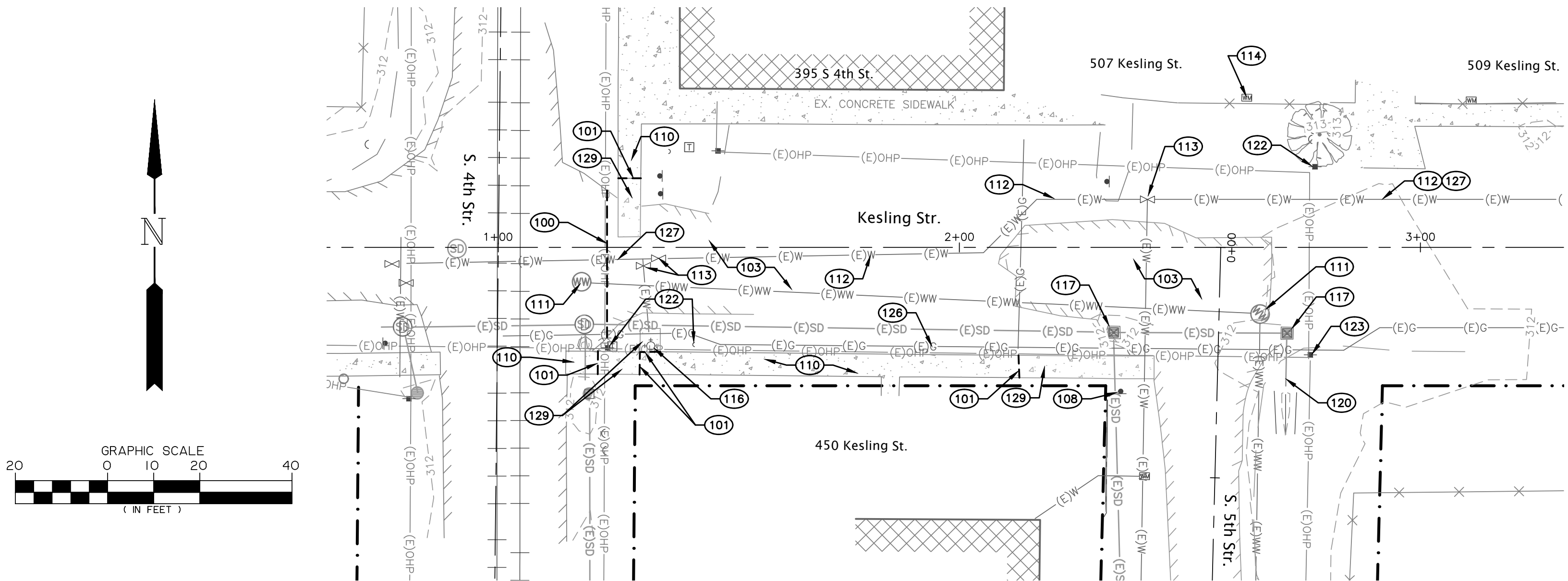
designer: GAM

project no: 19-009C

KESLING ST.
EXISTING
CONDITIONS &
DEMO. PLAN

sheet:

C2



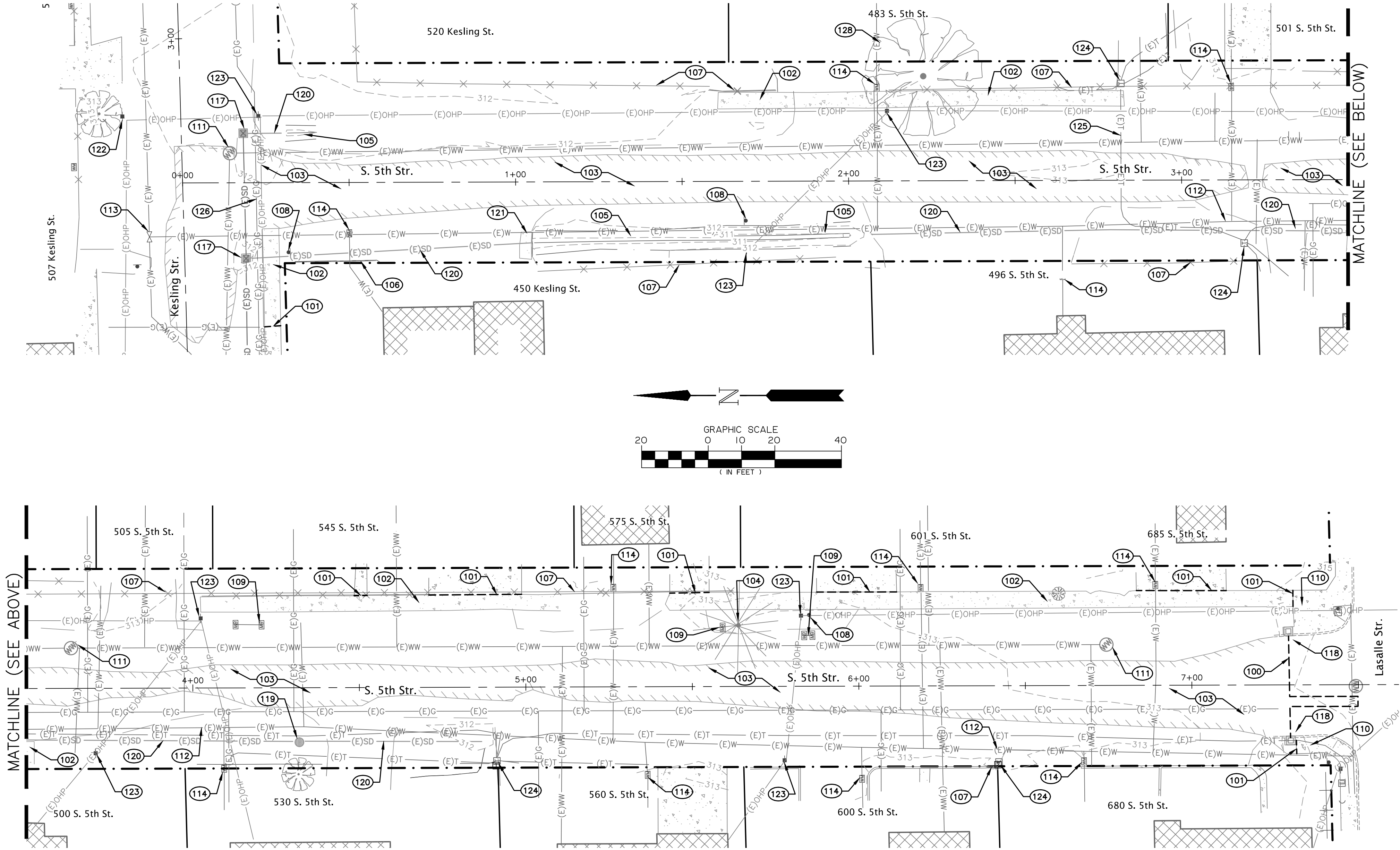
CONSTRUCTION NOTES

- (100)**—SAWCUT EXISTING AC PAVEMENT. PROTECT SAWCUT EDGE FROM DAMAGE.
- (101)**—SAWCUT EXISTING CONCRETE. PROTECT SAWCUT EDGE FROM DAMAGE.
- (103)**—REMOVE EXISTING ASPHALT PAVEMENT. REMOVE EXISTING BASE ROCK AND SUBGRADE AS REQUIRED FOR NEW PAVEMENT SECTION FINISHED GRADE.
- (108)**—REMOVE EXISTING SIGN AND POLE. INSTALL SIGN AT LOCATION SHOWN ON STREET IMPROVEMENT PLANS.
- (110)**—PROTECT EXISTING CONCRETE.
- (111)**—PROTECT EXISTING WASTEWATER MANHOLE. ADJUST TO FINISHED GRADE PER STREET IMPROVEMENT PLANS.
- (112)**—EXISTING PUBLIC WATER MAIN TO REMAIN IN SERVICE UNTIL NEW PUBLIC WATER MAIN IS CONSTRUCTED AND APPROVED FOR USE.
- (113)**—REMOVE WATER VALVE BOXES ONCE NEW WATERLINE IS INSTALLED. ONCE NEW WATERLINE IS APPROVED, ABANDON EXISTING WATERLINE.
- (114)**—PROTECT EXISTING WATER METER AND BOX AND KEEP IN SERVICE UNTIL NEW WATER SERVICE AND METER ARE CONSTRUCTED. SEE WATERLINE PLAN SHEET C7, C8 AND C9 FOR MORE INFORMATION.
- (116)**—PROTECT EXISTING FIRE HYDRANT. EXISTING FIRE HYDRANT TO REMAIN IN PLACE UNTIL NEW HYDRANT IS INSTALLED AND APPROVED. REMOVE AND RETURN DECOMMISSIONED HYDRANT TO CITY.
- (117)**—PROTECT EXISTING STORM CATCH BASIN. ADJUST CATCH BASIN RIM TO FINISHED GRADE PER STREET IMPROVEMENT PLANS.
- (120)**—REMOVE EXISTING STORM CULVERT. BACKFILL WITH 1" MINUS CRUSHED QUARRY ROCK (COMPACTED TO 95% MODIFIED PROCTOR) TO PROPOSED SUBGRADE.
- (122)**—EXISTING POWER POLE (AND ANCHOR IF APPLIES) TO REMAIN. COORDINATE WORK WITH PACIFIC POWER (ELKE VATH 541-967-6160).
- (123)**—EXISTING POWER POLE (AND ANCHOR IF APPLIES) TO BE RELOCATED TO NEW LOCATION PER STREET IMPROVEMENT PLANS. COORDINATE WORK WITH PACIFIC POWER (ELKE VATH 541-967-6160).
- (126)**—PROTECT EXISTING GAS LINE. CONTACT NORTHWEST NATURAL GAS (541-926-4253) IF CONFLICTS OCCUR.
- (127)**—PRIOR TO CONSTRUCTION CONTRACTOR TO POT HOLE EXISTING UTILITY. NOTIFY DESIGN ENGINEER OF MATERIAL SIZE AND ELEVATION AND IF ANY CONFLICTS OCCUR.
- (129)**—REMOVE EXISTING CONCRETE SIDEWALK.

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CONSTRUCTION NOTES

- 100—SAWCUT EXISTING AC PAVEMENT. PROTECT SAWCUT EDGE FROM DAMAGE.
- 101—SAWCUT EXISTING CONCRETE. PROTECT SAWCUT EDGE FROM DAMAGE.
- 102—REMOVE EXISTING CONCRETE SIDEWALK (AND RAMPS) AND CONCRETE CURB & GUTTER.
- 103—REMOVE EXISTING ASPHALT PAVEMENT. REMOVE EXISTING BASE ROCK AND SUBGRADE AS REQUIRED FOR NEW PAVEMENT SECTION FINISHED GRADE.
- 104—REMOVE EXISTING TREE (STUMP AND ROOTS OVER 1 INCH IN DIAMETER) AND BACKFILL WITH 3/4" MINUS CRUSHED QUARRY ROCK (COMPACTED TO 95% MODIFIED PROCTOR) TO PROPOSED SUBGRADE.
- 105—REMOVE A MINIMUM OF 6 INCHES STRIPPINGS FROM BOTTOM AND SIDES OF EXISTING DITCH. BACKFILL WITH 1" MINUS CRUSHED QUARRY ROCK (COMPACTED TO 95% MODIFIED PROCTOR) TO PROPOSED SUBGRADE.
- 106—PROTECT EXISTING RETAINING WALL.
- 107—PROTECT EXISTING FENCE.
- 108—REMOVE EXISTING SIGN AND POLE. INSTALL SIGN AT LOCATION SHOWN ON STREET IMPROVEMENT PLANS.
- 109—REMOVE EXISTING MAILBOX(ES). INSTALL MAILBOX(ES), POST AND FOUNDATION TO NEW LOCATION SHOWN ON STREET IMPROVEMENT PLANS.
- 110—PROTECT EXISTING CONCRETE.
- 111—PROTECT EXISTING WASTEWATER MANHOLE. ADJUST TO FINISHED GRADE PER STREET IMPROVEMENT PLANS.
- 112—EXISTING PUBLIC WATER MAIN TO REMAIN IN SERVICE UNTIL NEW PUBLIC WATER MAIN IS CONSTRUCTED AND APPROVED FOR USE.
- 113—REMOVE WATER VALVE BOXES ONCE NEW WATERLINE IS INSTALLED. ONCE NEW WATERLINE IS APPROVED, ABANDON EXISTING WATERLINE.
- 114—PROTECT EXISTING WATER METER AND BOX AND KEEP IN SERVICE UNTIL NEW WATER SERVICE AND METER ARE CONSTRUCTED. SEE WATERLINE PLAN SHEET C7, C8 AND C9 FOR MORE INFORMATION.
- 117—PROTECT EXISTING STORM CATCH BASIN. ADJUST CATCH BASIN RIM TO FINISHED GRADE PER STREET IMPROVEMENT PLANS.
- 118—PROTECT EXISTING STORM CURB INLETS.
- 119—REMOVE EXISTING STORM AREA DRAIN.
- 120—REMOVE EXISTING STORM CULVERT. BACKFILL WITH 3/4" MINUS CRUSHED QUARRY ROCK (COMPACTED TO 95% MODIFIED PROCTOR) TO PROPOSED SUBGRADE.
- 121—REMOVE EXISTING CONCRETE STORMWATER HEADWALL.
- 122—EXISTING POWER POLE (AND ANCHOR IF APPLIES) TO REMAIN. COORDINATE WORK WITH PACIFIC POWER (ELKE VATH 541-967-6160).
- 123—EXISTING POWER POLE (AND ANCHOR IF APPLIES) TO BE RELOCATED TO NEW LOCATION PER STREET IMPROVEMENT PLANS. COORDINATE WORK WITH PACIFIC POWER (ELKE VATH 541-967-6160).
- 124—EXISTING TELEPHONE RISER TO BE RELOCATED BEHIND PROPOSED SIDEWALK OR INSTALLED IN UNDERGROUND VAULT. COORDINATE WORK WITH CENTURY LINK (LUKE PILON 541-484-7827).
- 125—PROTECT EXISTING UNDERGROUND TELEPHONE. CONTACT CENTURY LINK (LUKE PILON 541-484-7827) IF CONFLICTS OCCUR.
- 126—PROTECT EXISTING GAS LINE. CONTACT NORTHWEST NATURAL GAS (541-926-4253) IF CONFLICTS OCCUR.
- 128—PROTECT EXISTING TREE.



KESLING STREET AND S. 5TH STREET IMPROVEMENTS

KESLING ST. FROM S. 4TH STREET TO S. 5TH ST.
S. 5TH ST. FROM KESLING ST. TO LASALLE ST.

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S. 5TH ST.
EXISTING
CONDITIONS &
DEMO. PLAN

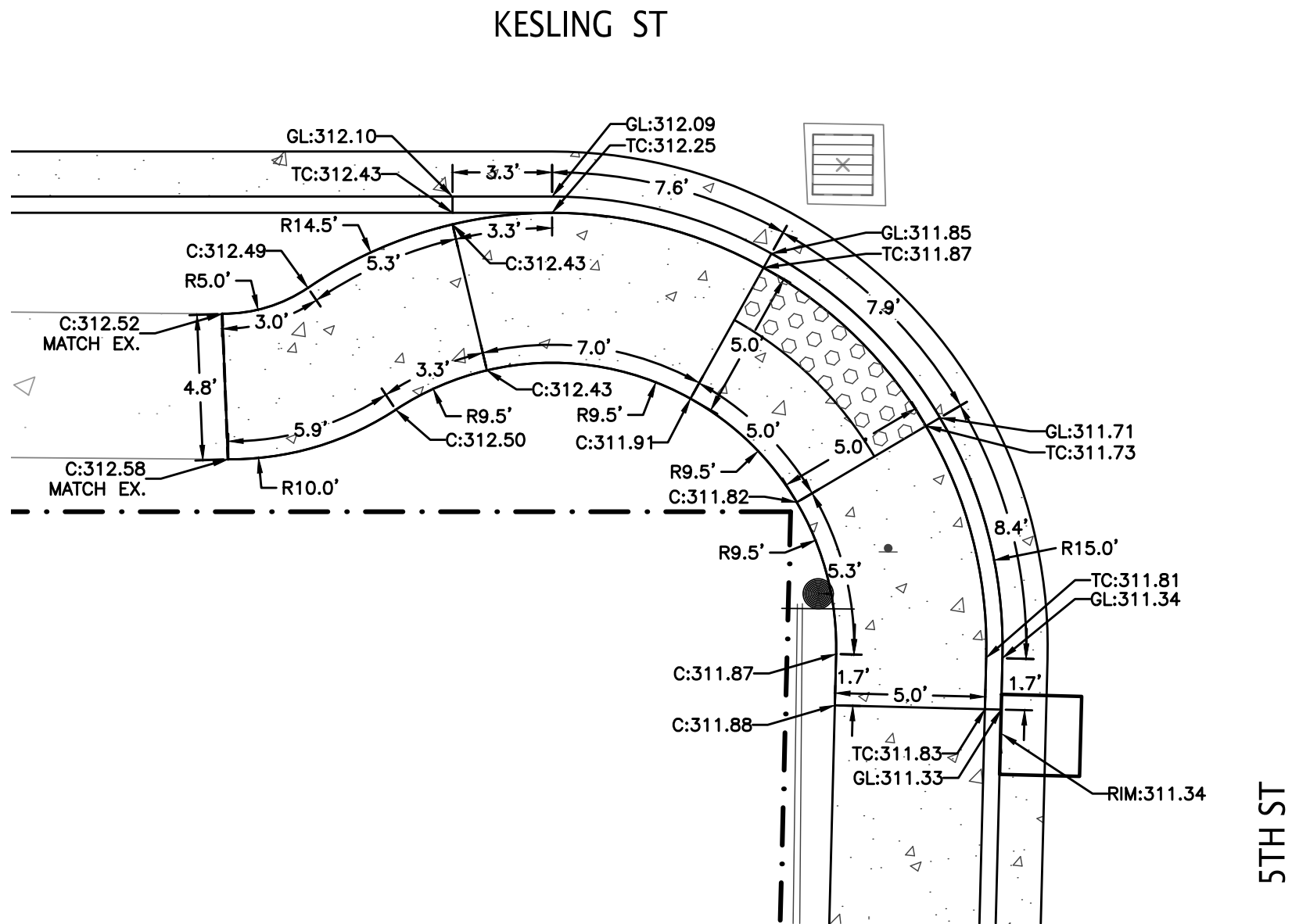
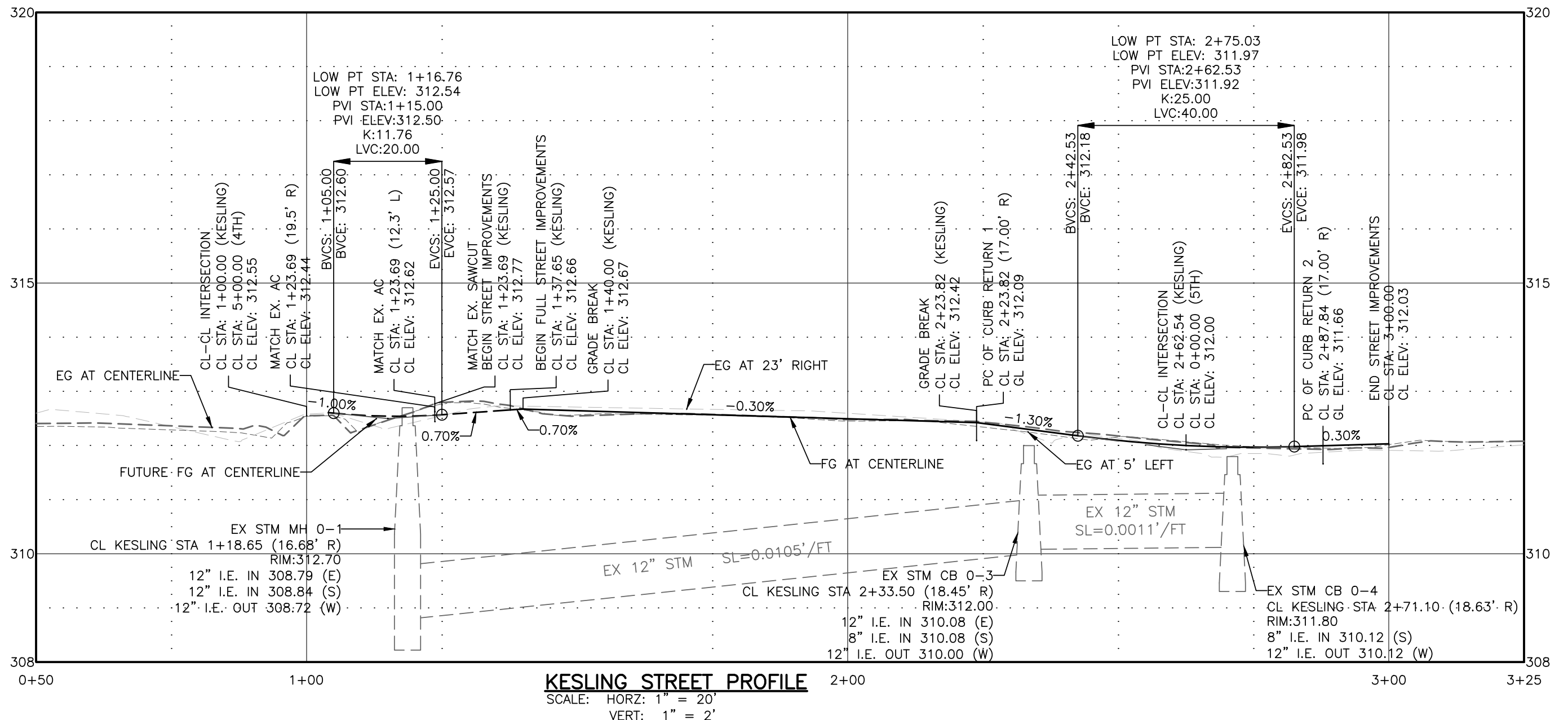
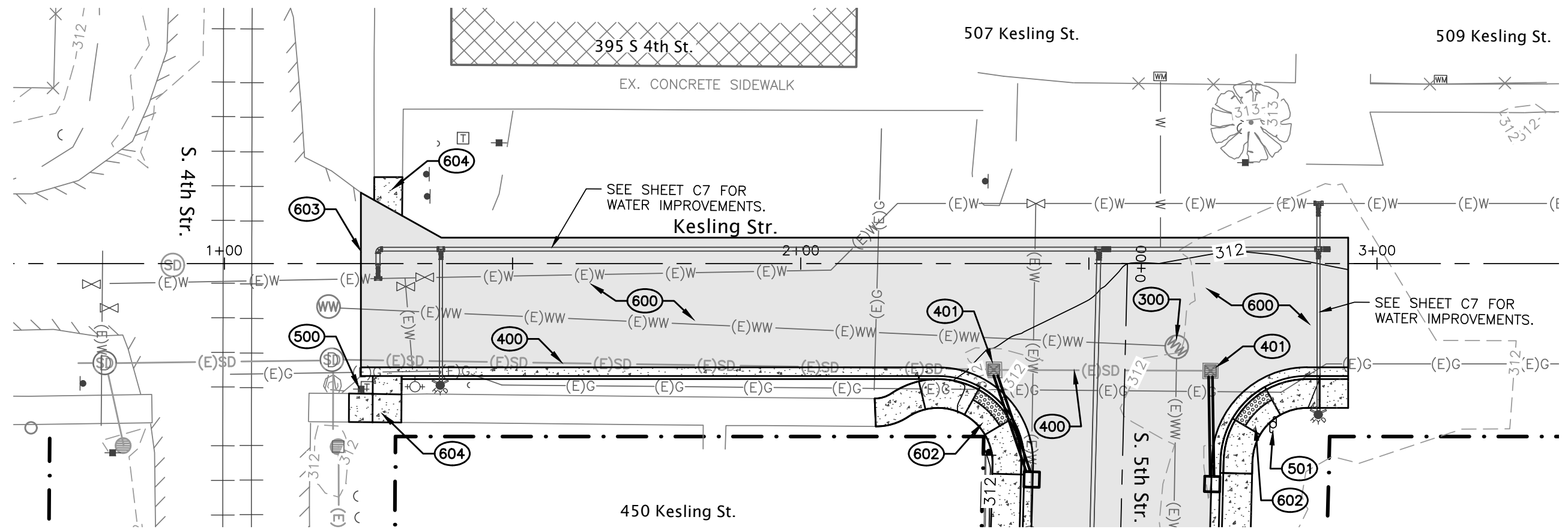
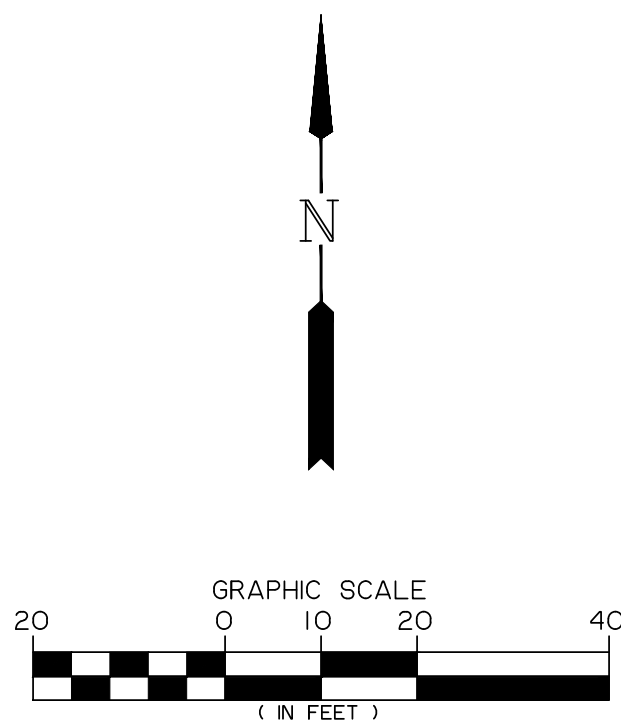
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project title:

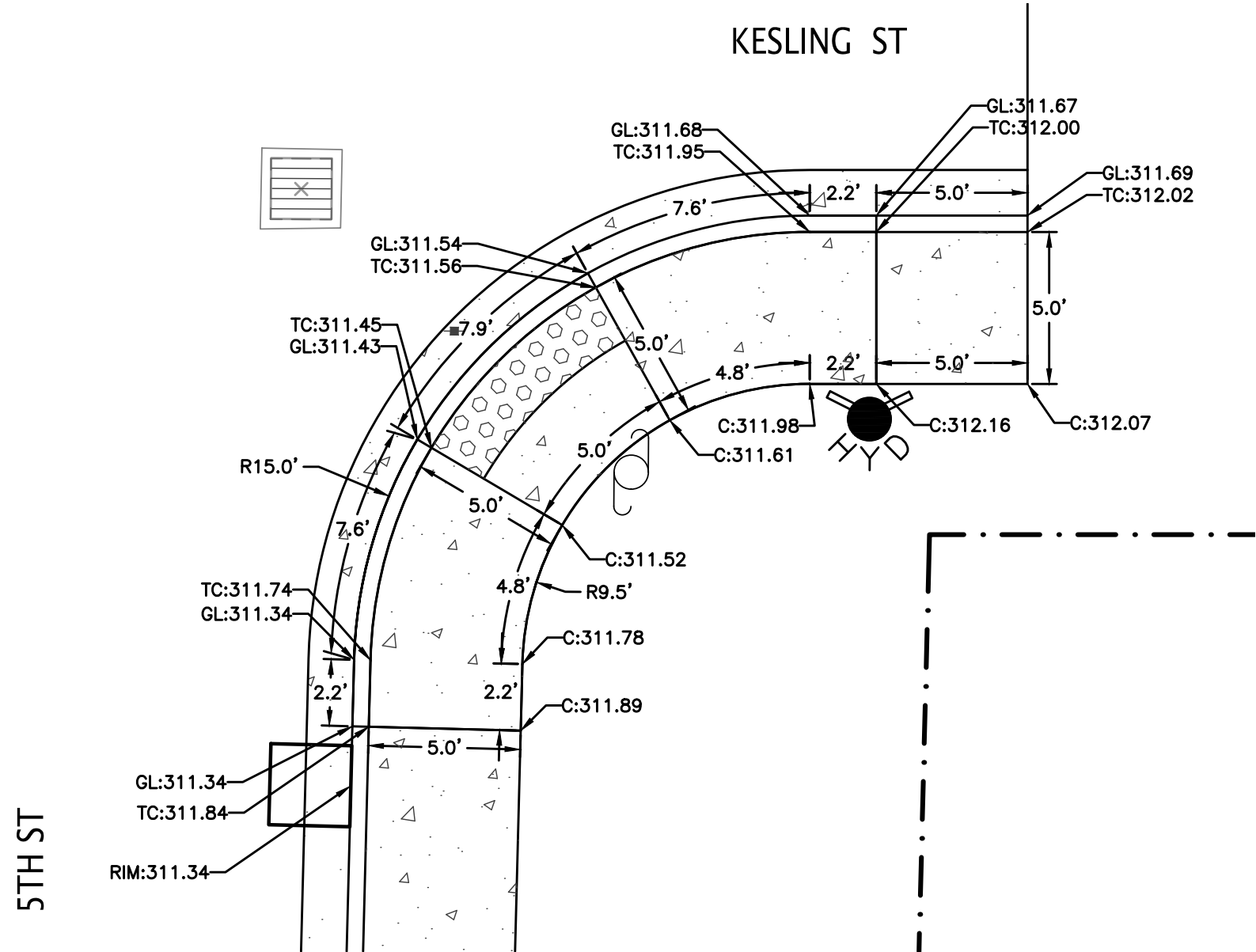
CONSTRUCTION NOTES

- 300—CONTRACTOR TO ADJUST EXISTING WASTEWATER MANHOLE.
- 400—EXISTING STORM LINE TO REMAIN IN SERVICE.
- 401—EXISTING CATCH BASIN RIMS TO BE ADJUSTED TO FINISHED GRADE.
- 500—EXISTING POWER POLE TO REMAIN.
- 501—RELOCATED POWER POLE. COORDINATE WORK WITH PACIFIC POWER (ELKE VATH 541-967-6160).
- 600—CONSTRUCT PAVEMENT SECTION, CURB & GUTTER AND SIDEWALK PER TYPICAL SECTIONS, SHEET C1.
- 602—CONSTRUCT CURB RETURN WITH ADA RAMP. PLACE 4" MINIMUM THICKNESS OF 1"-0" CRUSHED QUARRY ROCK. SEE SHEET C4 FOR CURB RETURN DETAILS WITH DIMENSIONS AND SPOT ELEVATIONS.
- 603—SEAL PAVEMENT JOINT. TACK COAT EXISTING PAVEMENT EDGES, THE MATCHLINE TO EXISTING PAVING SHALL COMPLY WITH ODOT STANDARD DRAWING RD302.
- 604—CONTRACTOR TO CONSTRUCT 4" THICK CONCRETE SIDEWALK CONNECTION FROM PROPOSED SIDEWALK TO EXISTING CONCRETE SIDEWALK. MATCH EXISTING WITHIN 5 FEET OF PROPOSED BACK OF SIDEWALK.



CURB RETURN DATA		
DESC.	CR 1	CR 2
RADIUS	15.00'	15.00'
LENGTH	23.94'	23.18'
DELTA	91.4531°	88.5469°
PC STA	CL STA 2+23.82 (KESLING STR)	CL STA 2+87.84 (KESLING STR)
PC OFFSET	19.50' R	19.50' R
PC TC ELEV	312.59	312.18
1/4 Δ TC ELEV	312.39	312.06
1/2 Δ TC ELEV	312.27	311.98
3/4 Δ TC ELEV	312.11	311.91
PT TC ELEV	311.83	311.84
PT STA	CL STA 0+35.32 (S. 5TH STR)	CL STA 0+33.70 (S. 5TH STR)
PT OFFSET	17.00' R	17.00' L

TC NOTE:
TOP OF CURB ELEVATIONS IN TABLE ABOVE ASSUME SIX INCHES OF CURB EXPOSURE REGARDLESS OF BEING IN ADA RAMP. FOR EXACT ELEVATIONS SEE ADA RAMP DETAILS INCLUDED IN THIS PLAN SET.



ADA1
C4
Kesling & 5th - SW ADA Ramp
SCALE: 1"=5'

ADA2
C4
Kesling & 5th - SE ADA Ramp
SCALE: 1"=5'

project title:

KESLING STREET AND
S. 5TH STREET IMPROVEMENTS
KESLING ST. FROM S. 4TH STREET TO S. 5TH ST.
S. 5TH ST. FROM KESLING ST. TO LASALLE ST.
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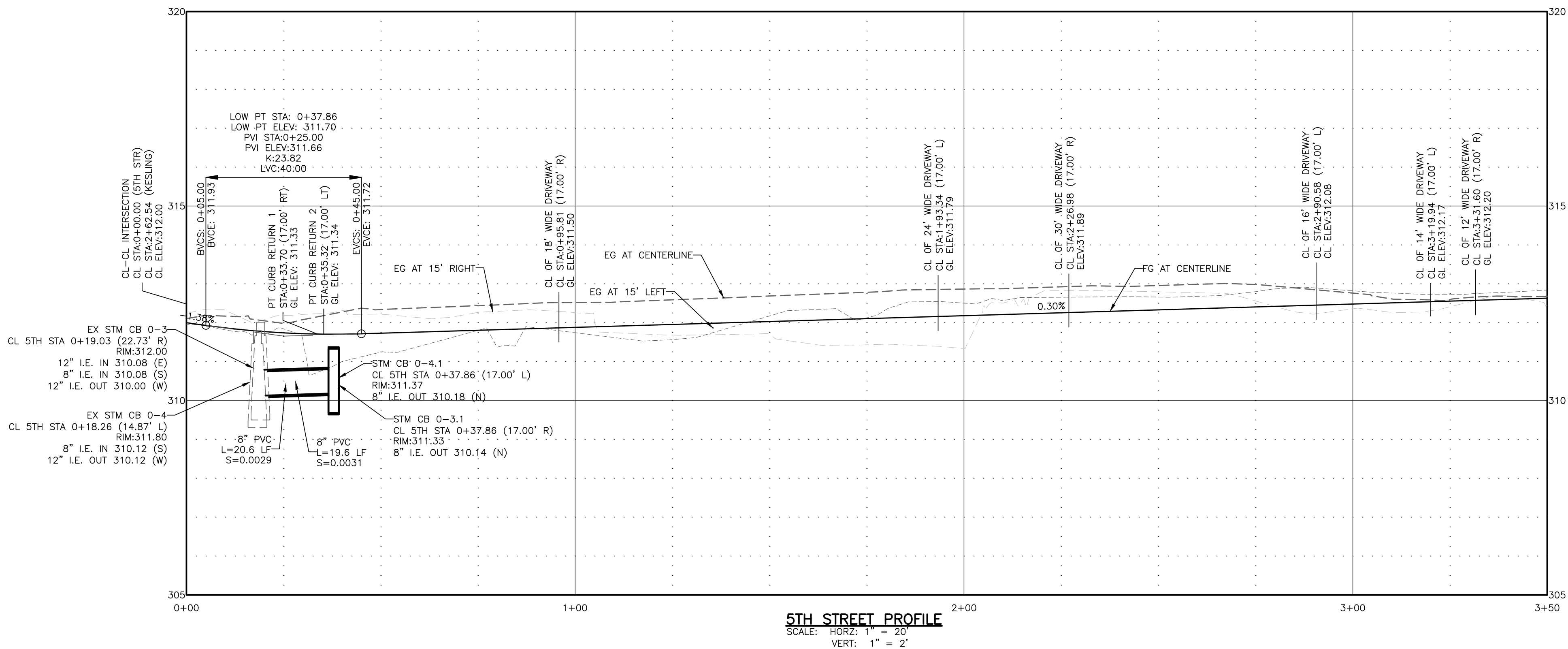
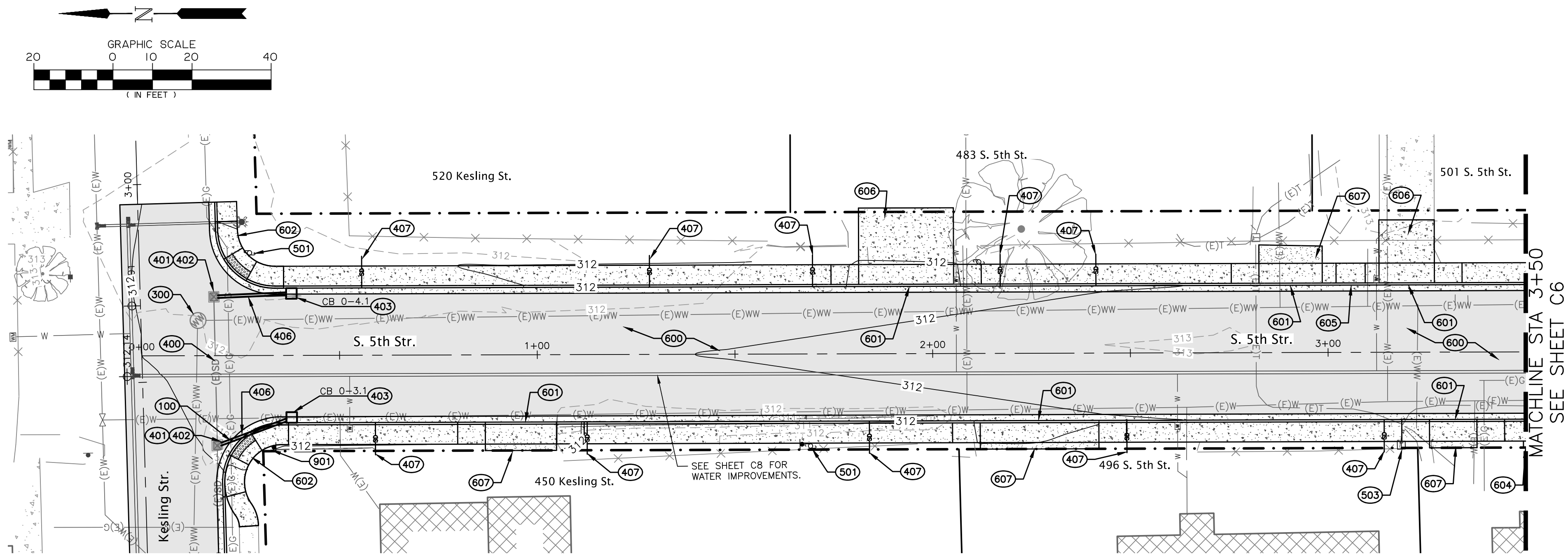
KESLING ST.
STREET & STORM
PLAN & PROFILE
Sta 0+00-3+25

sheet:

C4

CONSTRUCTION NOTES

- (100) CONTRACTOR TO POT HOLE EXISTING UTILITY AND CONFIRM LOCATION, MATERIAL, SIZE AND DEPTH. NOTIFY ENGINEER IF DISCREPANCIES ARE DISCOVERED.
- (300) CONTRACTOR TO ADJUST EXISTING WASTEWATER MANHOLE.
- (400) EXISTING STORM LINE TO REMAIN IN SERVICE.
- (401) EXISTING STORM RIMS TO BE ADJUSTED TO FINISHED GRADE.
- (402) CONNECT NEW STORM PIPE TO EXISTING STORM CATCH BASIN.
- (403) CONSTRUCT G-1 CONCRETE CATCH BASIN PER ODOT STD DWG RD364. SEE PROFILE FOR RIM AND PIPE ELEVATIONS.
- (406) FURNISH AND INSTALL 8" PVC C900 DR-25 STORM LINE. CLASS B BEDDING AND BACKFILL. SEE ODOT TYPICAL TRENCH DETAIL RD300.
- (407) FURNISH AND INSTALL 3" PVC SCH40 ROOF DRAIN TO WEEP HOLE. CONNECT TO EXISTING USING APPROPRIATE FITTINGS.
- (501) RELOCATED POWER POLE. COORDINATE WORK WITH PACIFIC POWER (ELKE VATH 541-967-6160).
- (503) RELOCATED TELEPHONE RISER. COORDINATE WORK WITH CENTURY LINK (LUKE PILON 541-484-7827).
- (600) CONSTRUCT PAVEMENT SECTION, CURB & GUTTER AND SIDEWALK PER TYPICAL SECTIONS, SHEET C1.
- (601) CONSTRUCT CONCRETE DRIVEWAY PER OREGON STANDARD DWG RD750 OPTION N. PLACE 6" MINIMUM THICKNESS OF 1"-0" CRUSHED QUARRY ROCK.
- (602) CONSTRUCT CURB RETURN WITH ADA RAMPS. PLACE 4" MINIMUM THICKNESS OF 1"-0" CRUSHED QUARRY ROCK. SEE SHEET C4 FOR CURB RETURN DETAILS WITH DIMENSIONS AND SPOT ELEVATIONS.
- (604) CONTRACTOR TO CONSTRUCT 4" THICK CONCRETE SIDEWALK CONNECTION FROM PROPOSED SIDEWALK TO EXISTING CONCRETE SIDEWALK. MATCH EXISTING WITHIN 5 FEET OF PROPOSED BACK OF SIDEWALK.
- (605) CONTRACTOR TO CONSTRUCT 4" HIGH CONCRETE CURB BETWEEN DRIVEWAY WINGS.
- (606) CONTRACTOR TO CONSTRUCT 6" THICK CONCRETE DRIVEWAY CONNECTION FROM PROPOSED DRIVEWAY TO EXISTING DRIVEWAY. MATCH EXISTING WITHIN 5 FEET OF PROPOSED BACK OF DRIVEWAY OR AS SHOWN ON PLANS.
- (607) CONTRACTOR TO PLACE 4" THICK CRUSHED ROCK (1"-0" CRUSHED QUARRY ROCK) DRIVEWAY CONNECTION FROM PROPOSED DRIVEWAY TO EXISTING DRIVEWAY. MATCH EXISTING WITHIN 5 FEET OF PROPOSED BACK OF DRIVEWAY OR AS SHOWN ON PLANS.



project title:

**KESLING STREET AND
S. 5TH STREET IMPROVEMENTS**
KESLING ST. FROM S. 4TH STREET TO S. 5TH ST.
S. 5TH ST. FROM KESLING ST. TO LASALLE ST.
HARRISBURG, OREGON

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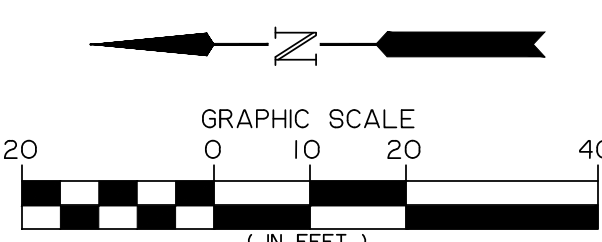
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drawn by: GJM
designer: GJM
project no: 19-009C

S. 5TH ST.
STREET & STREET
PLAN & PROFILE
STA. 0+00-3+50

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C5

- (400) —CONTRACTOR TO ADJUST EXISTING WASTEWATER MANHOLE.
- (400) —EXISTING STORM LINE TO REMAIN IN SERVICE.
- (403) —CONSTRUCT G-1 CONCRETE CATCH BASIN PER ODOT STD DWG RD364. SEE PROFILE FOR RIM AND PIPE ELEVATIONS.
- (404) —CONSTRUCT G-1 CONCRETE POUR IN PLACE CATCH BASIN OVER EXISTING STORM LINE PER ODOT STD DWG RD364. SEE PROFILE FOR RIM AND PIPE ELEVATIONS.
- (405) —FURNISH AND INSTALL 10" PVC D3034 STORM LINE. CLASS B BEDDING AND BACKFILL. SEE ODOT TYPICAL TRENCH DETAIL RD300.
- (406) —FURNISH AND INSTALL 8" PVC C900 DR-25 STORM LINE. CLASS B BEDDING AND BACKFILL. SEE ODOT TYPICAL TRENCH DETAIL RD300.
- (407) —FURNISH AND INSTALL 3" PVC SCH40 ROOF DRAIN TO WEEP HOLE. CONNECT TO EXISTING USING APPROPRIATE FITTINGS.
- (501) —RELOCATED POWER POLE. COORDINATE WORK WITH PACIFIC POWER (ELKE VATH 541-967-6160).
- (502) —RELOCATED POWER POLE AND ANCHOR. COORDINATE WORK WITH PACIFIC POWER (ELKE VATH 541-967-6160).
- (503) —RELOCATED TELEPHONE RISER. COORDINATE WORK WITH CENTURY LINK (LUKE PILON 541-484-7827).
- (600) —CONSTRUCT PAVEMENT SECTION, CURB & GUTTER AND SIDEWALK PER TYPICAL SECTIONS, SHEET C1.
- (601) —CONSTRUCT CONCRETE DRIVEWAY PER ODOT STD DWG RD750 OPTION N. PLACE 6" MINIMUM THICKNESS OF 1"—0" CRUSHED QUARRY ROCK.
- (603) —SEAL PAVEMENT JOINT. TACK COAT EXISTING PAVEMENT EDGES. THE MATCHLINE TO EXISTING PAVING SHALL COMPLY WITH ODOT STANDARD DRAWING RD302.
- (604) —CONTRACTOR TO CONSTRUCT 4" THICK CONCRETE SIDEWALK CONNECTION FROM PROPOSED SIDEWALK TO EXISTING CONCRETE SIDEWALK. MATCH EXISTING WITHIN 5 FEET OF PROPOSED BACK OF SIDEWALK.
- (605) —CONTRACTOR TO CONSTRUCT 4" HIGH CONCRETE CURB BETWEEN DRIVEWAY WINGS.
- (606) —CONTRACTOR TO CONSTRUCT 6" THICK CONCRETE DRIVEWAY CONNECTION FROM PROPOSED DRIVEWAY TO EXISTING DRIVEWAY. MATCH EXISTING WITHIN 5 FEET OF PROPOSED BACK OF DRIVEWAY OR AS SHOWN ON PLANS.
- (900) —CONTRACTOR TO INSTALL MAILBOX(IES) IN LOCATION SHOWN ON SINGLE SUPPORT OR MULTIPLE SUPPORT PER ODOT STD DWG RD100. SIDEWALK TO BE WIDENED PER ODOT STD DWG RD720
- (901) —CONTRACTOR TO RE-INSTALL EXISTING SIGN AT BACK OF SIDEWALK OR LOCATION SHOWN.



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S. 5TH ST.
STREET & STORM
PLAN & PROFILE
STA. 3+50-7+50

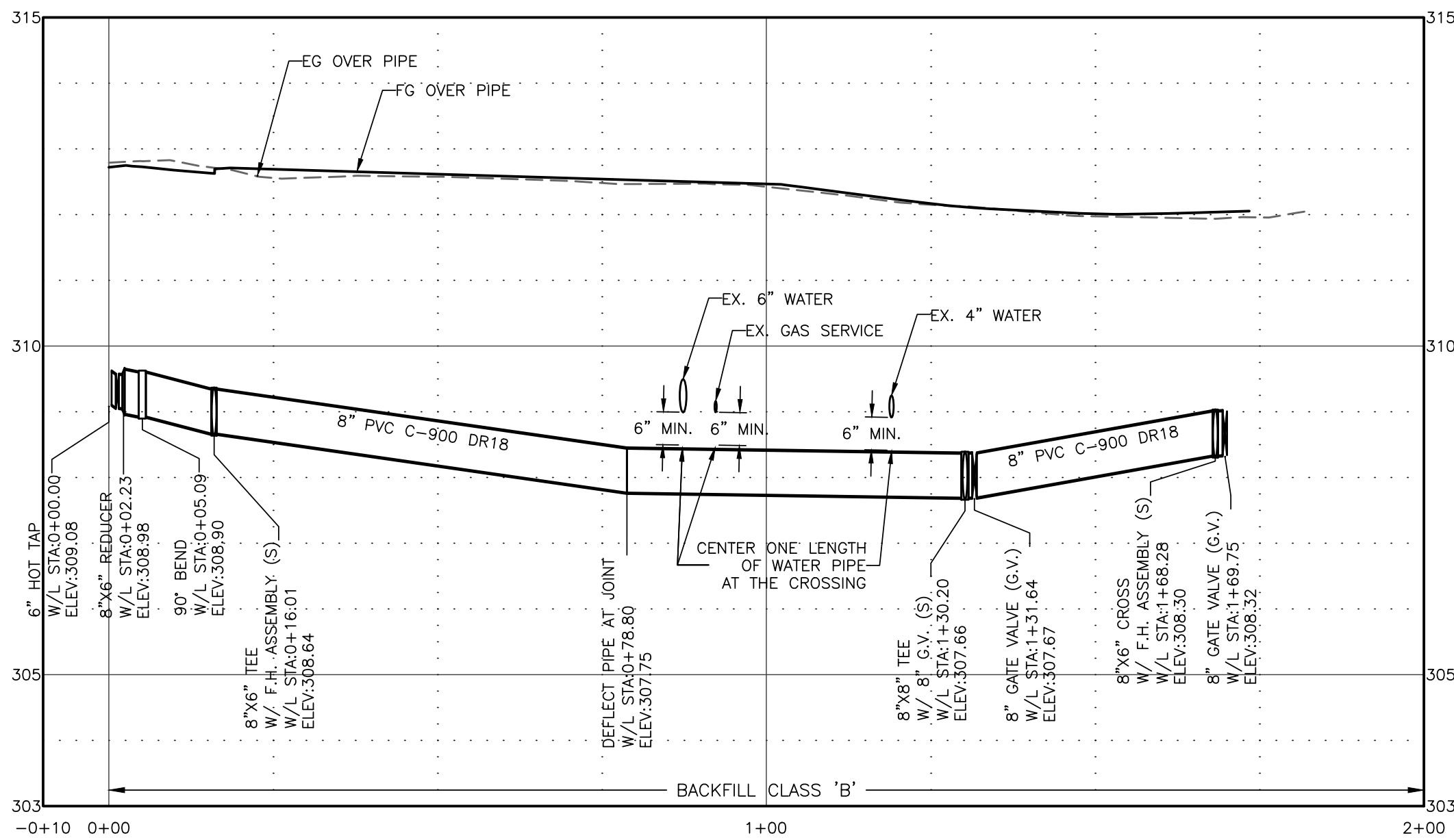
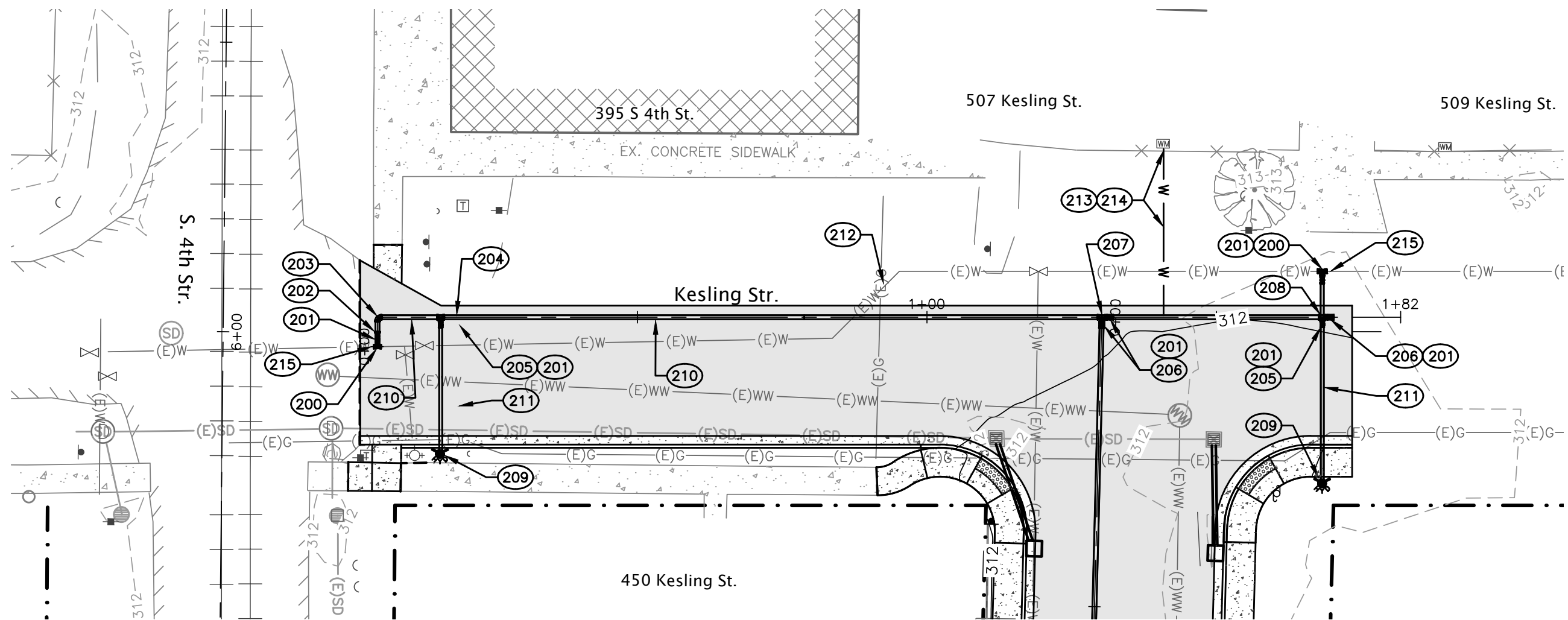
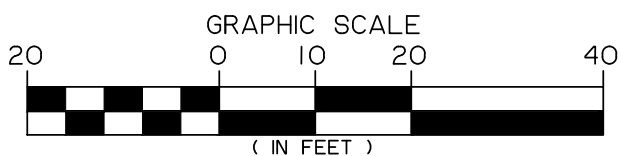
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CONSTRUCTION NOTES

- (200) —HOT TAP EXISTING 6" PVC WATERLINE WITH TAPPING SLEEVE (6"x6" MUELLER WITH MECHANICAL JOINT TAPPING SLEEVE OR APPROVED EQUAL) AND 6" TAPPING VALVE (MUELLER RESILIENT WEDGE TAPPING VALVE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (201) —FURNISH AND INSTALL WATER VALVE BOX PER ODOT STD DWG RD258.
- (202) —FURNISH AND INSTALL 8"x6" REDUCER. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (203) —FURNISH AND INSTALL 90° HORIZONTAL BEND. RESTRAIN ALL JOINTS WITHIN 21 FEET OF BEND.
- (204) —FURNISH AND INSTALL 8"x6" TEE. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (205) —FURNISH AND INSTALL 6" GATE VALVE (MUELLER RESILIENT WEDGE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (206) —FURNISH AND INSTALL 8" GATE VALVE (MUELLER RESILIENT WEDGE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (207) —FURNISH AND INSTALL 8"x8" TEE. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (208) —FURNISH AND INSTALL 8"x6" CROSS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (209) —FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY (MUELLER 5 1/2" A423 SUPER CENTURION "250" WITH TWO HOSE NOZZLES AND ONE PUMPER NOZZLE WITH 4" INTEGRAL STORZ CONNECTION) AND 6" GATE VALVE (MUELLER A-2361 RESILIENT WEDGE GATE VALVE). HYDRANT TO BE PAINTED YELLOW WITH APPROVED PAINT. SEE ODOT STD DWG RD254.
- (210) —FURNISH AND INSTALL 8" PVC C-900 DR18 WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- (211) —FURNISH AND INSTALL 6" PVC C-900 DR18 WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- (212) —ABANDON EXISTING WATERLINE IN PLACE ONCE NEW WATER LINE IS INSTALLED AND APPROVED FOR USE.
- (213) —FURNISH AND INSTALL NEW WATER SERVICE PER ODOT STD DWG RD274 WITH THE CITY OF HARRISBURG PRE-APPROVED MATERIALS: METER BOX (ARMORCAST PRODUCTS 12"x20"x12" ROTOCAST BOX A6000485), WATER METER LID (ARMORCAST PRODUCTS 12"x20"x1-3/4" RPM COVER W/ TOUCH READ HOLE A6000484-H2), NEW WATER METER (3/4" iPEARL BY SENSUS), BALL ANGLE METER VALVE (1"x3/4" MUELLER 300 BALL ANGLE METER, B-24259N), SERVICE PIPE (1" POLYETHYLENE SDR 7) AND CORPORATION STOP (1" MUELLER) SERVICE SADDLES.
- (214) —CONTRACTOR TO CONNECT NEW WATER SERVICE TO EXISTING SERVICE USING APPROPRIATE COUPLINGS AND FITTINGS. CONTRACTOR TO DETERMINE SIZE OF EXISTING SERVICE LINE AND INSTALL NEW SERVICE LINE TO MATCH.
- (215) —POTHOLE EXISTING WATER LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.



KESLING WATERLINE PROFILE

SCALE: HORIZ: 1" = 20'
VERT: 1" = 2'

project title:

KESLING STREET AND S. 5TH STREET IMPROVEMENTS KESLING ST. FROM S. 4TH STREET TO S. 5TH ST. S. 5TH ST. FROM KESLING ST. TO LASALLE ST. HARRISBURG, OREGON

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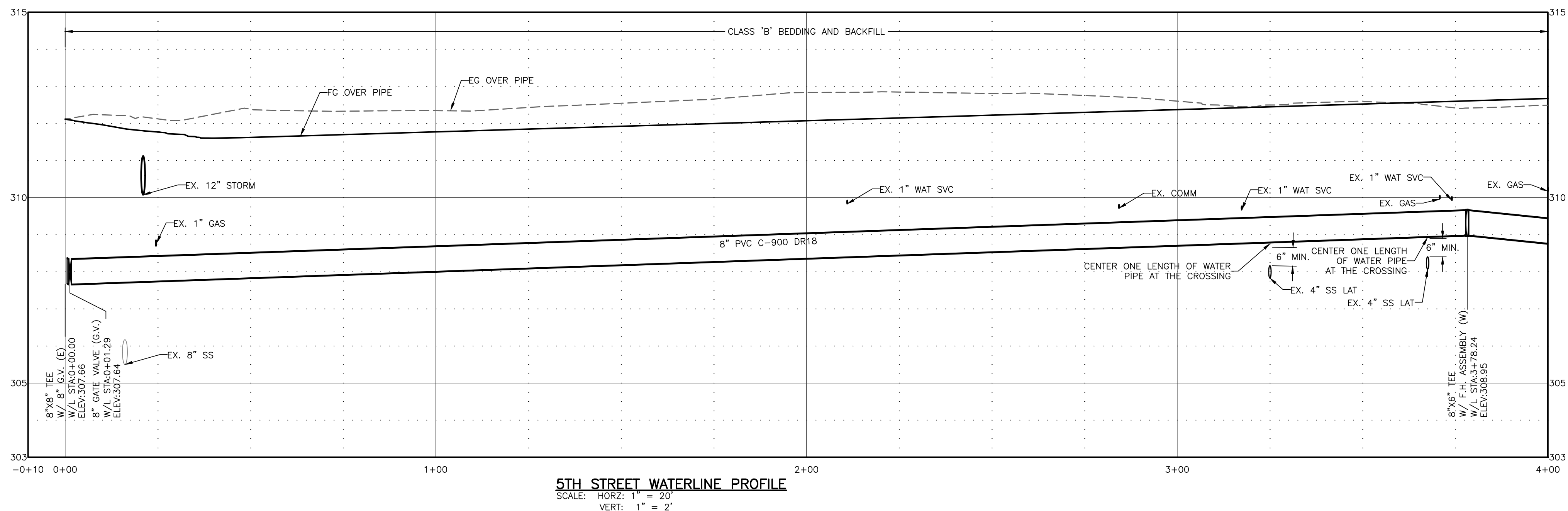
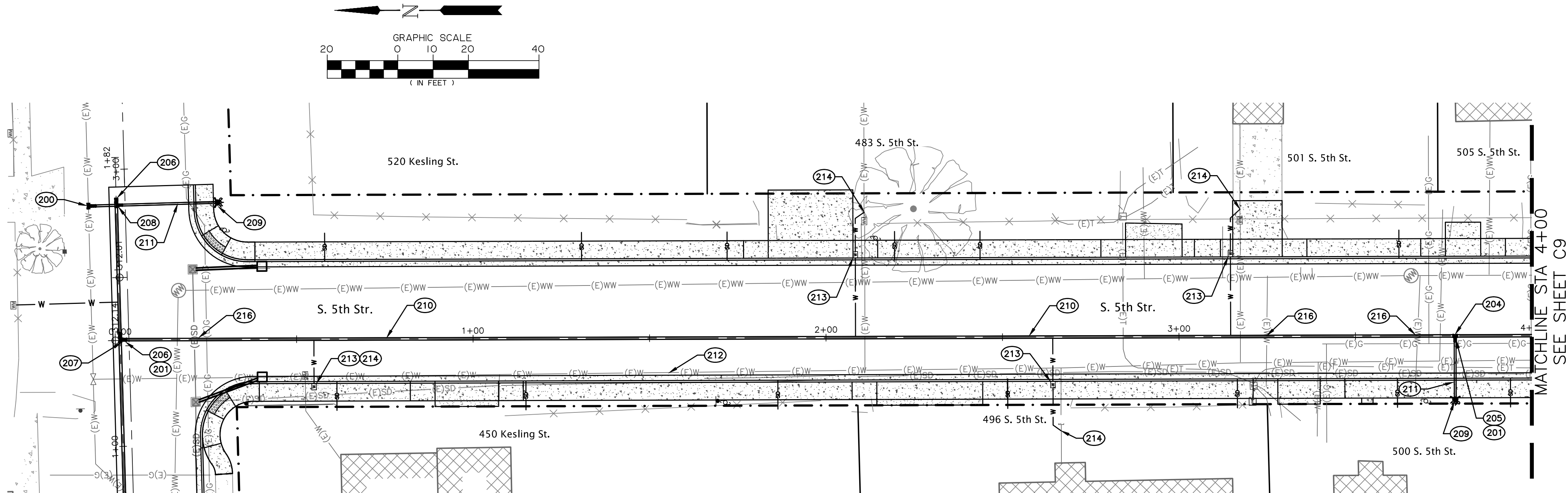
**KESLING ST.
WATER
IMPROVEMENTS**

sheet:

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- CONSTRUCTION NOTES**
- 200—HOT TAP EXISTING 6" PVC WATERLINE WITH TAPPING SLEEVE (6"x6" MUELLER WITH MECHANICAL JOINT TAPPING SLEEVE OR APPROVED EQUAL) AND 6" TAPPING VALVE (MUELLER RESILIENT WEDGE TAPPING VALVE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- 201—FURNISH AND INSTALL WATER VALVE BOX PER ODOT STD DWG RD258.
- 204—FURNISH AND INSTALL 8"x6" TEE. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- 205—FURNISH AND INSTALL 6" GATE VALVE (MUELLER RESILIENT WEDGE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- 206—FURNISH AND INSTALL 8" GATE VALVE (MUELLER RESILIENT WEDGE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- 207—FURNISH AND INSTALL 8"x8" TEE. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- 208—FURNISH AND INSTALL 8"x6" CROSS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- 209—FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY (MUELLER 5 1/2" A423 SUPER CENTURION "250" WITH TWO HOSE NOZZLES AND ONE PUMPER NOZZLE WITH 4" INTEGRAL STORZ CONNECTION) AND 6" GATE VALVE (MUELLER A-2361 RESILIENT WEDGE GATE VALVE). HYDRANT TO BE PAINTED YELLOW WITH APPROVED PAINT. SEE ODOT STD DWG RD254.
- 210—FURNISH AND INSTALL 8" PVC C-900 DR18 WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- 211—FURNISH AND INSTALL 6" PVC C-900 DR18 WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- 212—ABANDON EXISTING WATERLINE IN PLACE ONCE NEW WATER LINE IS INSTALLED AND APPROVED FOR USE.
- 213—FURNISH AND INSTALL NEW WATER SERVICE PER ODOT STD DWG RD274 WITH THE CITY OF HARRISBURG PRE-APPROVED MATERIALS: METER BOX (ARMORCAST PRODUCTS 12"x20"x12" ROTOCAST BOX A6000485), WATER METER LID (ARMORCAST PRODUCTS 12"x20"x1-3/4" RPM COVER W/ TOUCH READ HOLE A6000484-H2), NEW WATER METER (3/4" iPEARL BY SENSUS), BALL ANGLE METER VALVE (1"x3/4" MUELLER 300 BALL ANGLE METER, B-24259N), SERVICE PIPE (1" POLYETHYLEN SDR 7) AND CORPORATION STOP (1" MUELLER) SERVICE SADDLES.
- 214—CONTRACTOR TO CONNECT NEW WATER SERVICE TO EXISTING SERVICE USING APPROPRIATE COUPLINGS AND FITTINGS. CONTRACTOR TO DETERMINE SIZE OF EXISTING SERVICE LINE AND INSTALL NEW SERVICE LINE TO MATCH.
- 216—WATER AND SANITARY SEWER CROSSING TO BE IN ACCORDANCE WITH OAR 333-061-0050 (9).



project title:

**KESLING STREET AND
S. 5TH STREET IMPROVEMENTS**
KESLING ST. FROM S. 4TH STREET TO S. 5TH ST.
S. 5TH ST. FROM KESLING ST. TO LASALLE ST.
HARRISBURG, OREGON

revisions:

date: JAN. 15, 2020
drawn by: GAM
designer: GAM
project no: 19-009C

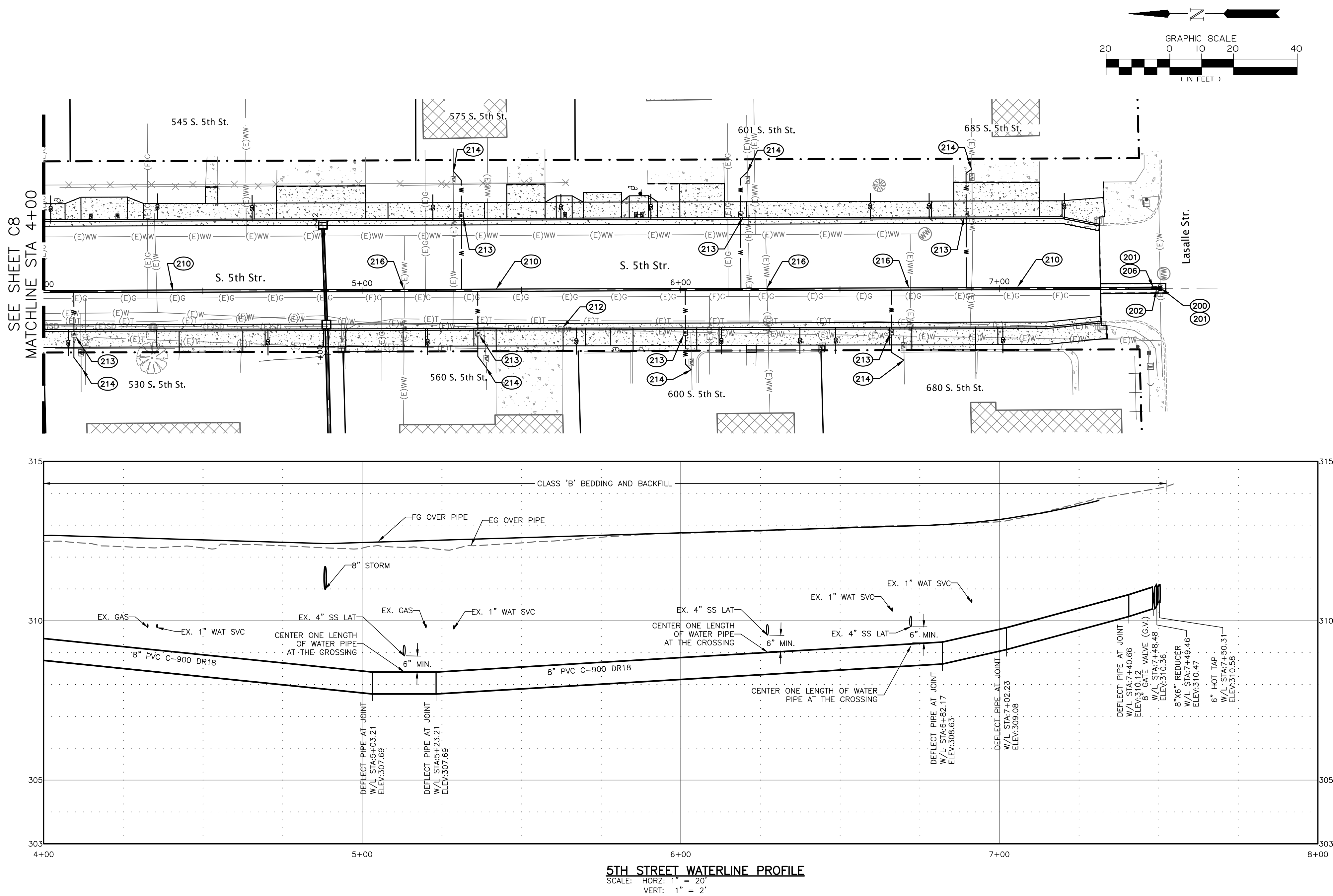
**S. 5TH ST.
WATER
PLAN & PROFILE
STA. 0+00-4+00**

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CONSTRUCTION NOTES

- (200) HOT TAP EXISTING 6" PVC WATERLINE WITH TAPPING SLEEVE (6"x6" MUELLER WITH MECHANICAL JOINT TAPPING SLEEVE OR APPROVED EQUAL) AND 6" TAPPING VALVE (MUELLER RESILIENT WEDGE TAPPING VALVE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (201) FURNISH AND INSTALL WATER VALVE BOX PER ODOT STD DWG RD258.
- (202) FURNISH AND INSTALL 8"x6" REDUCER. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (206) FURNISH AND INSTALL 8" GATE VALVE (MUELLER RESILIENT WEDGE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (210) FURNISH AND INSTALL 8" PVC C-900 DR18 WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- (212) ABANDON EXISTING WATERLINE IN PLACE ONCE NEW WATER LINE IS INSTALLED AND APPROVED FOR USE.
- (213) FURNISH AND INSTALL NEW WATER SERVICE PER ODOT STD DWG RD274 WITH THE CITY OF HARRISBURG PRE-APPROVED MATERIALS: METER BOX (ARMORCAST PRODUCTS 12"x20"x12" ROTOCASE BOX A6000485), WATER METER LID (ARMORCAST PRODUCTS 12"x20"x12" R/W COVER W/ TOUCH READ HOLE A6000484-H2), NEW WATER METER (3/4" I.P.E. BY SENSUS), BALL ANGLE METER VALVE (1"x3/4" MUELLER 300 BALL ANGLE METER, B-24259N), SERVICE PIPE (1" POLYETHYLENE SDR 7) AND CORPORATION STOP (1" MUELLER) SERVICE SADDLES.
- (214) CONTRACTOR TO CONNECT NEW WATER SERVICE TO EXISTING SERVICE USING APPROPRIATE COUPLINGS AND FITTINGS. CONTRACTOR TO DETERMINE SIZE OF EXISTING SERVICE LINE AND INSTALL NEW SERVICE LINE TO MATCH.
- (216) WATER AND SANITARY SEWER CROSSING TO BE IN ACCORDANCE WITH OAR 333-061-0050 (9).

KESLING STREET AND S. 5TH STREET IMPROVEMENTS

KESLING ST. FROM S. 4TH STREET TO S. 5TH ST.
S. 5TH ST. FROM KESLING ST. TO LASALLE ST.
HARRISBURG, OREGON

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5TH STR.
WATER
PLAN & PROFILE
STA. 4+00-7+50

sheet:

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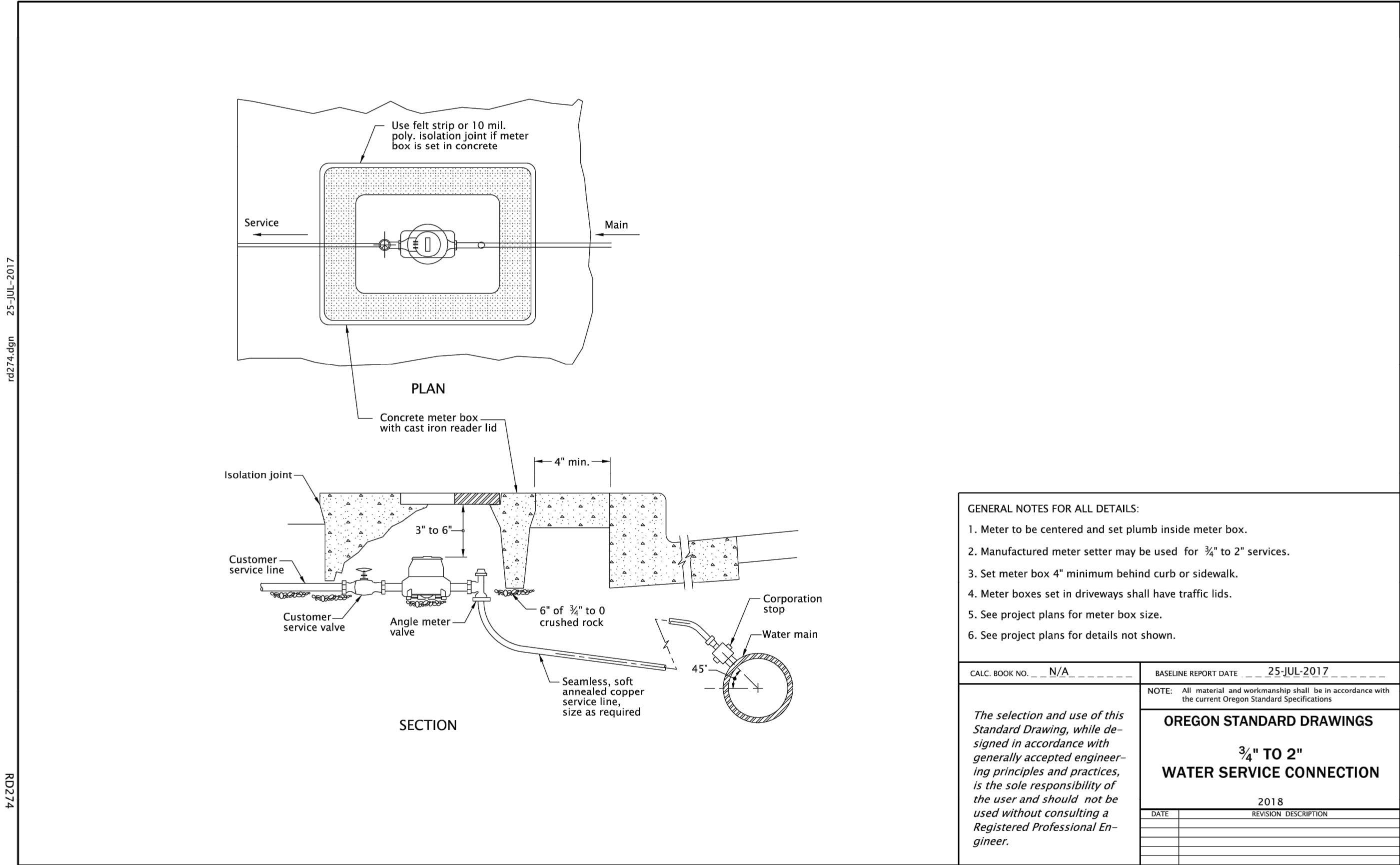
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JULY 9, 2001
GREGORY A. MOWER
EXPIRES: DECEMBER 31, 2020

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KESLING STREET AND S. 5TH STREET IMPROVEMENTS
KESLING ST. FROM S. 4TH STREET TO S. 5TH ST.
S. 5TH ST. FROM KESLING ST. TO LASALLE ST.
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DETAILS

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