

SOUTH 6TH STREET

SEWER & WATER EXTENSION PROJECT

COTTAGE GROVE, OREGON

DESIGN TEAM

OWNER/APPLICANT

CITY OF COTTAGE GROVE
CONTACT: FAYE STEWART, PUBLIC WORKS
& DEVELOPMENT DIRECTOR
400 E. MAIN STREET
COTTAGE GROVE, OR 97424
PHONE: (541) 942-5501
EMAIL: pwdirector@cottagegrove.org

CIVIL ENGINEER

BRANCH ENGINEERING, INC.
CONTACT: DAMIEN GILBERT, PE
310 5TH STREET
SPRINGFIELD, OR 97477
PHONE: (541) 746-0637
EMAIL: damieng@branchengineering.com

SURVEYOR

BRANCH ENGINEERING, INC.
CONTACT: DAN NELSON, PLS
310 5TH STREET
SPRINGFIELD, OR 97477
PHONE: (541) 746-0637
EMAIL: dann@branchengineering.com

UTILITY REPRESENTATIVES

ELECTRICAL

PACIFIC POWER COTTAGE GROVE DISTRICT
CONTACT: ELKE VATH
P.O. BOX 248
ALBANY, OR 97322
PHONE: (541) 967-6160
EMAIL: elke.vath@pacificorp.com

EMERAD PEOPLE'S UTILITY DISTRICT
CONTACT: BARRY HUMPHRIES
33733 SEAVEY LOOP ROAD
ALBANY, OR 97405
PHONE: (541) 744-1583
EMAIL: operations@epud.org

WATER, SANITARY, STORM SEWER & CITY FIBER OPTICS

CITY OF COTTAGE GROVE
CONTACT: MIKE O'REILLY, PUBLIC WORKS SUPERVISOR
400 E MAIN STREET
COTTAGE GROVE, OR 97424
PHONE: (541) 942-5501
EMAIL: utilities@cottagegrove.org

COMMUNICATION SERVICES

CENTURY LINK/LUMEN
CONTACT: TREVOR GILBERT
112 E. 10TH AVE.
EUGENE, OR 97401
PHONE: (541) 484-7827
EMAIL: trevor.w.gilbert@lumen.com

CHARTER COMMUNICATIONS
CONTACTS: MARK STANFIELD or SHANE QUIMBY
33733 SEAVEY LOOP ROAD
ALBANY, OR 97405
PHONE: MARK (541) 201-0097
SHANE (541) 228-7521
EMAILS: mark.stanfield@charter.org
shane.quimby@charter.org

FIRE

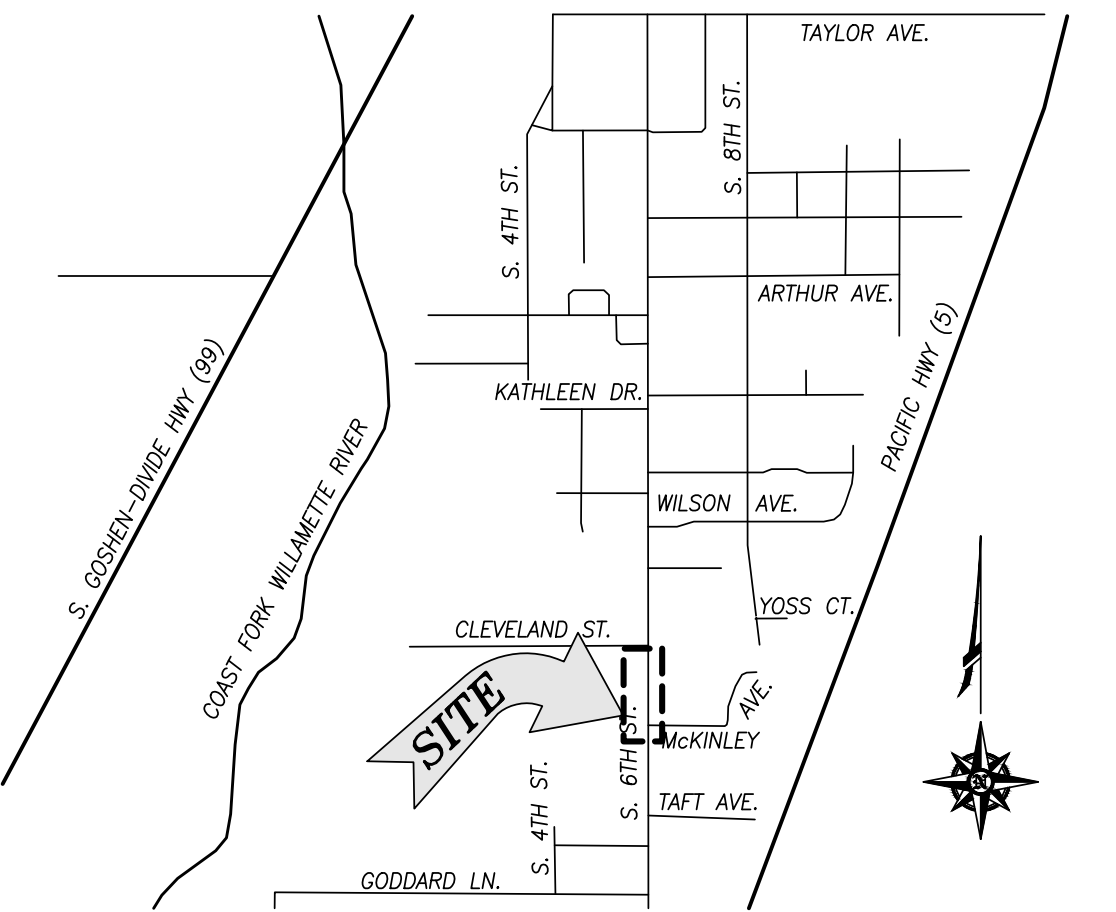
SOUTH LANE COUNTY FIRE & RESCUE
CONTACT: DANNY L. SOLESBEE
233 HARRISON AVE
COTTAGE GROVE, OR 97424
PHONE: (541) 942-4493
EMAIL: dsolesbee@southlanefire.org

GAS

NORTHWEST NATURAL GAS
CONTACT: BRIAN BROWN
790 GOODPASTURE ISLAND RD
EUGENE, OR 97401
E-MAIL: brian.brown@nwnatural.com

VICINITY MAP

NOT TO SCALE




GENERAL CONSTRUCTION NOTES

1. ALL MATERIALS AND WORKMANSHIP OF ITEMS TO BE MAINTAINED BY THE CITY OF COTTAGE GROVE WITHIN PUBLIC EASEMENTS OR STREET RIGHTS-OF-WAY SHALL MEET CURRENT CITY OF COTTAGE GROVE PUBLIC WORKS SPECIFICATIONS. ALL MATERIALS AND WORKMANSHIP OF IMPROVEMENTS THAT WILL BE PRIVATELY OWNED AND MAINTAINED WILL BE BOUND BY THE CURRENT REQUIREMENTS OF THE STATE OF OREGON, AMENDMENTS TO THE UNIFORM PLUMBING CODE CURRENT EDITION, OR CITY OF COTTAGE GROVE BUILDING DIVISION REQUIREMENTS.
2. ALL WORK SHALL MEET THE FOLLOWING SPECIFICATIONS "2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND THE "2024 OREGON STANDARD DRAWINGS" AND THE SPECIALS SET FORTH IN THE PROJECT MANUAL FOR THIS PROJECT.
3. CONTRACTOR SHALL PROCURE, AND CONFORM TO ALL CONSTRUCTION PERMITS REQUIRED BY THE CITY OF COTTAGE GROVE.
4. 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).
5. CONTRACTOR TO NOTIFY CITY 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.
6. 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.
7. ALL MATERIALS AND WORKMANSHIP FOR FACILITIES IN STREET RIGHTS-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).
8. 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.
9. 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.
10. ANY INSPECTION BY THE CITY 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.
11. 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 DESIGN ENGINEER'S REPRESENTATIVE UPON REQUEST. FAILURE TO CONFORM TO THIS REQUIREMENT MAY RESULT IN DELAY IN PAYMENT AND/OR FINAL ACCEPTANCE OF THE PROJECT.
12. 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.
13. CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES AS NEEDED DURING CONSTRUCTION WITH A MINIMUM EROSION CONTROL OF INLET PROTECTION. THE CONTRACTOR SHALL CONSULT WITH THE CITY FOR ADDITIONAL EROSION CONTROL MEASURES IN EXTREMELY WET WEATHER CONDITIONS.
14. 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 PROHIBITED. THE REGISTERED PROFESSIONAL SURVEYOR SHALL PROVIDE THE DESIGN ENGINEER WITH COPIES OF ALL GRADE SHEETS FOR CONSTRUCTION STAKING PERFORMED FOR THE PROJECT.
15. CONTRACTOR SHALL ERECT AND MAINTAIN BARRICADES, WARNING SIGNS, TRAFFIC CONES PER CITY OF COTTAGE GROVE REQUIREMENTS IN ACCORDANCE WITH THE MUTCD (INCLUDING OREGON AMENDMENTS). ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. 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 FOR REVIEW AND ISSUANCE OF A LANE CLOSURE OR WORK IN RIGHT-OF-WAY PERMIT.
16. 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 UNINSPECTED WORK.
17. 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.
18. 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.
19. 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.
20. 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. THE DESIGN ENGINEER OR OWNER'S REPRESENTATIVE SHALL OBTAIN APPROVAL FROM THE CITY PRIOR TO CONSTRUCTION.

21. 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 THE DESIGN ENGINEER.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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 OWNER REPRESENTATIVE MAY (AT HIS DISCRETION) REQUIRE THE CONTRACTOR TO INSTALL SOD TO COVER SUCH DISTURBED AREAS.
28. ALL TAPPING OF EXISTING MUNICIPAL SANITARY SEWER, STORM DRAIN MAINS, AND MANHOLES MUST BE DONE BY CONTRACTOR.
29. 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.
30. 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% IN ROADWAYS AND 92% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD (MODIFIED PROCTOR) OUTSIDE OF ROADWAYS.
31. 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% IN ROADWAYS AND 92% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD (MODIFIED PROCTOR) OUTSIDE OF ROADWAYS.
32. 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.
33. 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.
34. ALL NON-METALLIC WATER, SANITARY AND STORM SEWER PIPING SHALL HAVE AN ELECTRICALLY CONDUCTIVE INSULATED 12 GAUGE, SOLID STRAND 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.
35. 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.
36. CITY PUBLIC WORKS DEPARTMENT TO OPERATE ALL VALVES, INCLUDING FIRE HYDRANTS, ON EXISTING PUBLIC MAINS.
37. ALL SANITARY SEWER MAINS SHALL BE D3034 SDR35 PVC. ALL FITTINGS 4-INCHES THROUGH 24-INCHES IN DIAMETER SHALL BE PER MANUFACTURERS RECOMMENDATIONS IN CONFORMANCE WITH ODOT STANDARD SPECIFICATIONS SECTION 00445.43.
38. 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.
39. CONTRACTOR SHALL REIMBURSE CITY FOR COSTS REQUIRED TO FLUSH, TEST AND DISINFECT WATERLINES PER PUBLIC AGENCY REQUIREMENTS.
40. WHERE THE WATER LINE CROSSES OVER THE SEWER LINE BUT WITH A CLEARANCE OF LESS THAN 18-INCHES VERTICAL SEPARATION, IF THE WATER SUPPLIER DETERMINES THAT THE CONDITIONS ARE NOT FAVORABLE, THE SEWER LINE SHALL BE REPLACED WITH A FULL LENGTH OF PIPE CENTERED AT THE CROSSING POINT, OF PVC PRESSURE PIPE, HIGH DENSITY PE PIPE, DUCTILE-IRON CLASS 50, OR OTHER ACCEPTABLE PIPE; OR THE SEWER SHALL BE ENCASED IN A REINFORCED CONCRETE JACKET FOR A DISTANCE OF 10 FEET ON BOTH SIDES OF THE CROSSING IN ACCORDANCE WITH OAR 333-061-0050 AND LOCAL JURISDICTION REQUIREMENTS.
41. CONTRACTOR TO PROVIDE TESTING OF 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.
42. 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.
43. ANY ABRUPT EDGE GREATER THAN 2 INCHES IN DEPTH, CLOSER THAN 4 FEET FROM AN ACTIVE TRAFFIC LANE, AND HAVING A DURATION OF EXPOSURE LONGER THAN 72 HOURS SHALL BE REQUIRED TO FOLLOW THE "TYPICAL ABRUPT EDGE SIGNING DETAIL" ON ODOT STANDARD DRAWING TM800 ON SHEET C3.1.
44. WHEN CONSTRUCTION ACTIVITIES BLOCK OR INTERFERE WITH THE NORMAL PEDESTRIAN ROUTING, PROVIDE SAFE PASSAGE FOR PEDESTRIANS THOUGH THE CONSTRUCTION AREA UTILIZING ODOT STANDARD DRAWING TM840 ON SHEET C3.1 AND THE REQUIREMENTS OF THE CURRENT EDITION OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION (BLUE BOOK). REFER TO SUBSECTION 00220.02.

REQUIRED TESTING AND FREQUENCY TABLE		PARTY RESPONSIBLE FOR PAYMENT	
		CONTRACTOR	
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
STORM 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 CITY.			
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.			
NOTE 5: TO BE PERFORMED BY CITY OF COTTAGE GROVE. NOTIFY CITY OF COTTAGE GROVE PUBLIC WORKS FIVE (5) BUSINESS DAYS PRIOR TO REQUIRED TESTING.			


Z:\2024\24-01E Cottage Grove South 6th Annexation Sewer And Water Extension\Civil\5 6th Street\Production Drawings\Construction Sheets\24-001E.C.03.CIF-6TH STREET.dwg 6/6/2025 3:12 PM VICTORJAJ




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310 5th Street
Springfield, OR 97477
P: 541.746.0637
www.BranchEngineering.com



REGISTERED PROFESSIONAL
ENGINEER
#62780PE
DIGITALLY SIGNED
OREGON
JULY 13, 2006
DAMIEN GILBERT
EXPIRES: JUNE 30, 2025



400 Main Street Cottage Grove, OR 97424

REVISIONS:		
No.	DESCRIPTION	DATE

COTTAGE GROVE 6TH STREET
SEWER & WATER EXTENSION PROJECT

GENERAL CONSTRUCTION NOTES

Sheet No.
C0.2

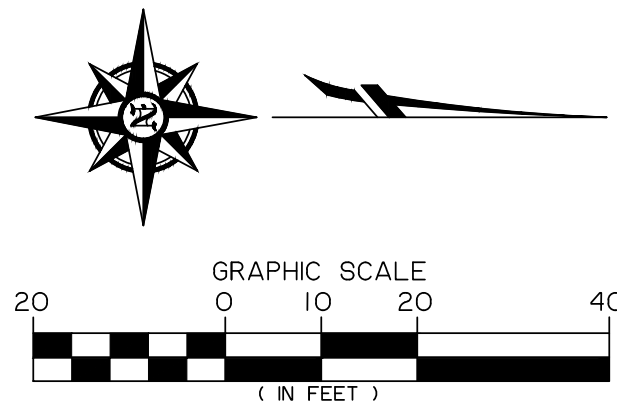
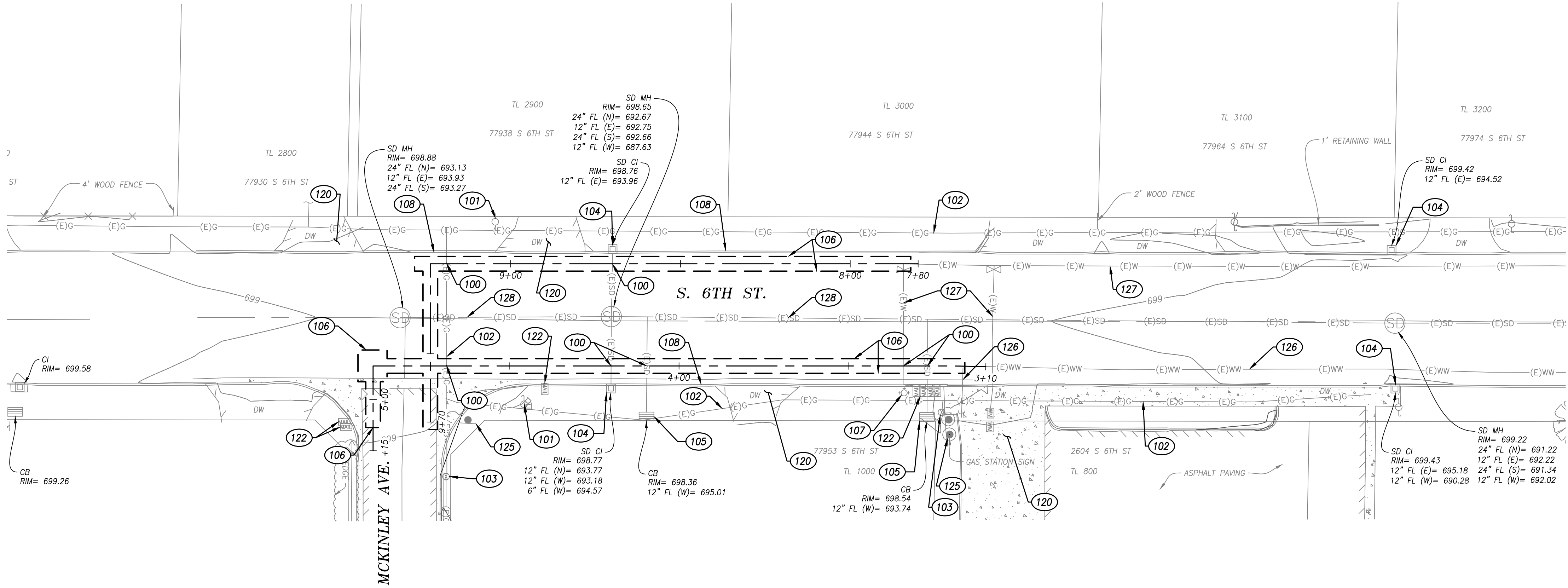
DRAWN BY:
VJ/SMH

CHECKED BY:
DG

DATE:
6/6/2025

JOB No.

24-001E



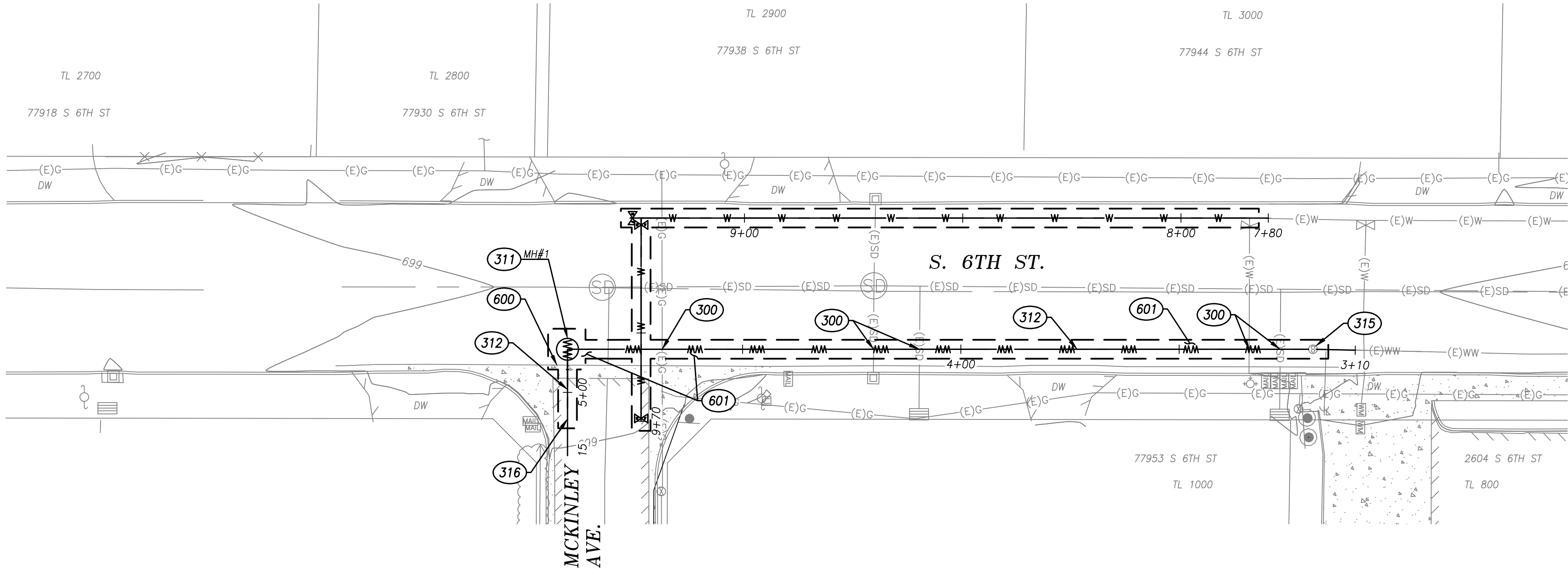
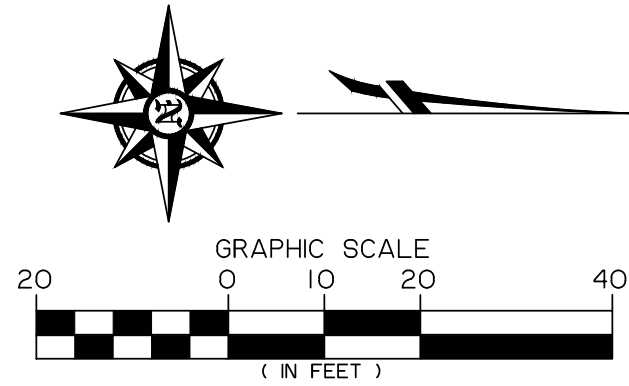
CONSTRUCTION NOTES:

- 100 POT HOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL, AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 101 PROTECT EXISTING UTILITY POLE.
- 102 PROTECT EXISTING GAS LINE. CONTACT NW NATURAL (503-226-4211) IF CONFLICT OCCURS.
- 103 PROTECT EXISTING GAS VALVE.
- 104 PROTECT EXISTING CURB INLET.
- 105 PROTECT EXISTING CATCH BASIN.
- 106 SAWCUT EXISTING AC OR CONCRETE PAVEMENT. PROTECT SAWCUT EDGE FROM DAMAGE.
- 107 PROTECT EXISTING HYDRANT.
- 108 PROTECT EXISTING CURB AND GUTTER.
- 120 PROTECT EXISTING DRIVEWAY.
- 122 PROTECT EXISTING MAILBOX.
- 125 PROTECT EXISTING SIGN.
- 126 PROTECT EXISTING WASTEWATER LINE.
- 127 PROTECT EXISTING WATER LINE.
- 128 PROTECT EXISTING STORM LINE.

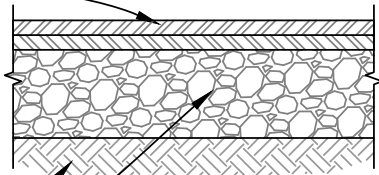


REVISIONS:		
No.	DESCRIPTION	DATE

COTTAGE GROVE 6TH STREET SEWER & WATER EXTENSION PROJECT			
EXISTING CONDITONS & DEMO. PLAN			Sheet No. C1.0
DRAWN BY: VJ/SMH	CHECKED BY: DG	DATE: 6/6/2025	JOB No. 24-001E



PAVEMENT BASE COURSE SHALL BE ASPHALT CONCRETE, 1- 2" LIFT OF LEVEL 2, 1/2" DENSE GRADED HMAC. WEARING COURSE SHALL BE ASPHALT CONCRETE 1-2" LIFT OF LEVEL 2, 1/2" DENSE GRADED HMAC. FOLLOW 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.



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 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.

COMPACTED SUBGRADE

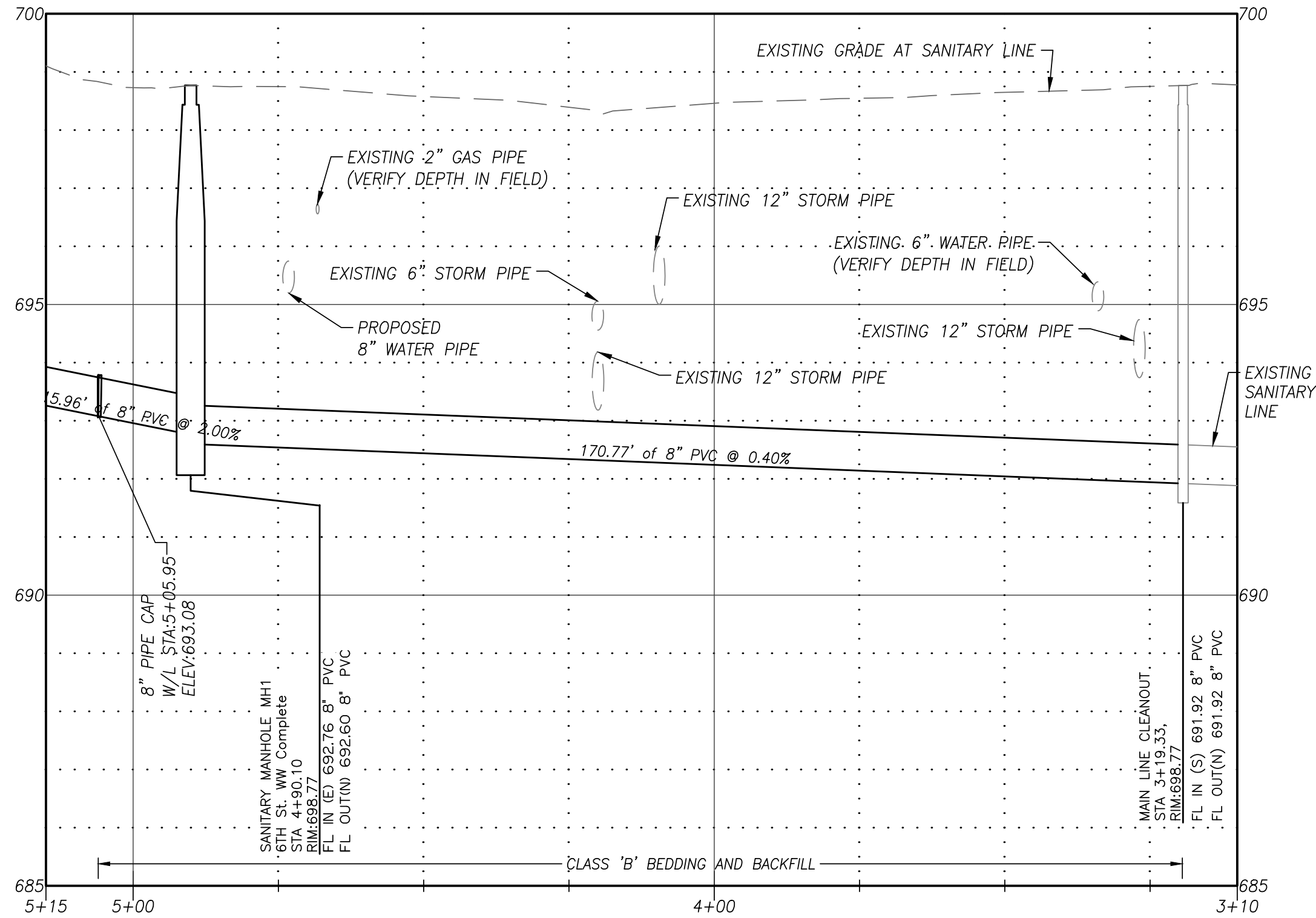
PAVEMENT REPAIR DETAIL

CONSTRUCTION NOTES:

- 300** POTHOLE EXISTING UTILITY AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES. COORDINATE WITH UTILITY COMPANY IF ADJUSTMENTS ARE REQUIRED.
- 311** FURNISH AND INSTALL 48" SANITARY SEWER MANHOLE PER ODOT STANDARD DRAWINGS RD338 AND RD344, SHEET C6.1. CONNECT PIPE TO MANHOLE PER OREGON STANDARD DRAWING RD345, SHEET 6.1.
- 312** FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE AT 0.4% SLOPE W/ TRACER WIRE AND CLASS B BACKFILL PER OREGON STANDARD DRAWING RD300 AND RD302, SHEET C6.0.
- 315** CONNECT PROPOSED PIPE TO EXISTING SANITARY CLEANOUT PER ODOT STANDARD DRAWING RD362, SHEET C6.1. USE APPROPRIATE FITTINGS AND COUPLINGS.
- 316** FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE STUB AT 2.0% SLOPE W/ TRACER WIRE AND CLASS B BACKFILL PER OREGON STANDARD DRAWING RD300 AND RD302, SHEET C6.0. CAP EAST END OF SEWER PIPE STUB.
- 600** RESTORE CONCRETE VALLEY GUTTER PER OREGON STANDARD DETAIL RD700, SHEET C6.2. MATCH EXISTING THICKNESS. DRILL 3/4" x 4-1/2" HOLES 12 INCHES ON CENTER INTO EXISTING CONCRETE. FILL HOLES WITH EPOXY AND INSERT 8" LONG #5 REBAR INTO HOLE PRIOR TO POURING CONCRETE VALLEY GUTTER.
- 601** CONTRACTOR TO CONSTRUCT TRENCH RESURFACING BY PLACING 4" OF COMPACTED LEVEL 2- 1/2" DENSE HMAC (2 LIFTS) OR MATCH EXISTING THICKNESS (WHICHEVER IS GREATER) OVER COMPACTED CRUSHED ROCK PER PAVEMENT REPAIR DETAIL THIS SHEET.

NOTE TO CONTRACTOR:

INSTALL 8" WHITE FOG LINE W-2 STRIPE AFTER TRENCH RESURFACING IS COMPLETE PER OREGON STANDARD DETAIL TM500, SHEET C6.2. INSTALL WHITE BICYCLE STENCIL 'B' AFTER TRENCH RESURFACING IS COMPLETE PER OREGON STANDARD DETAIL TM503, SHEET C6.2.



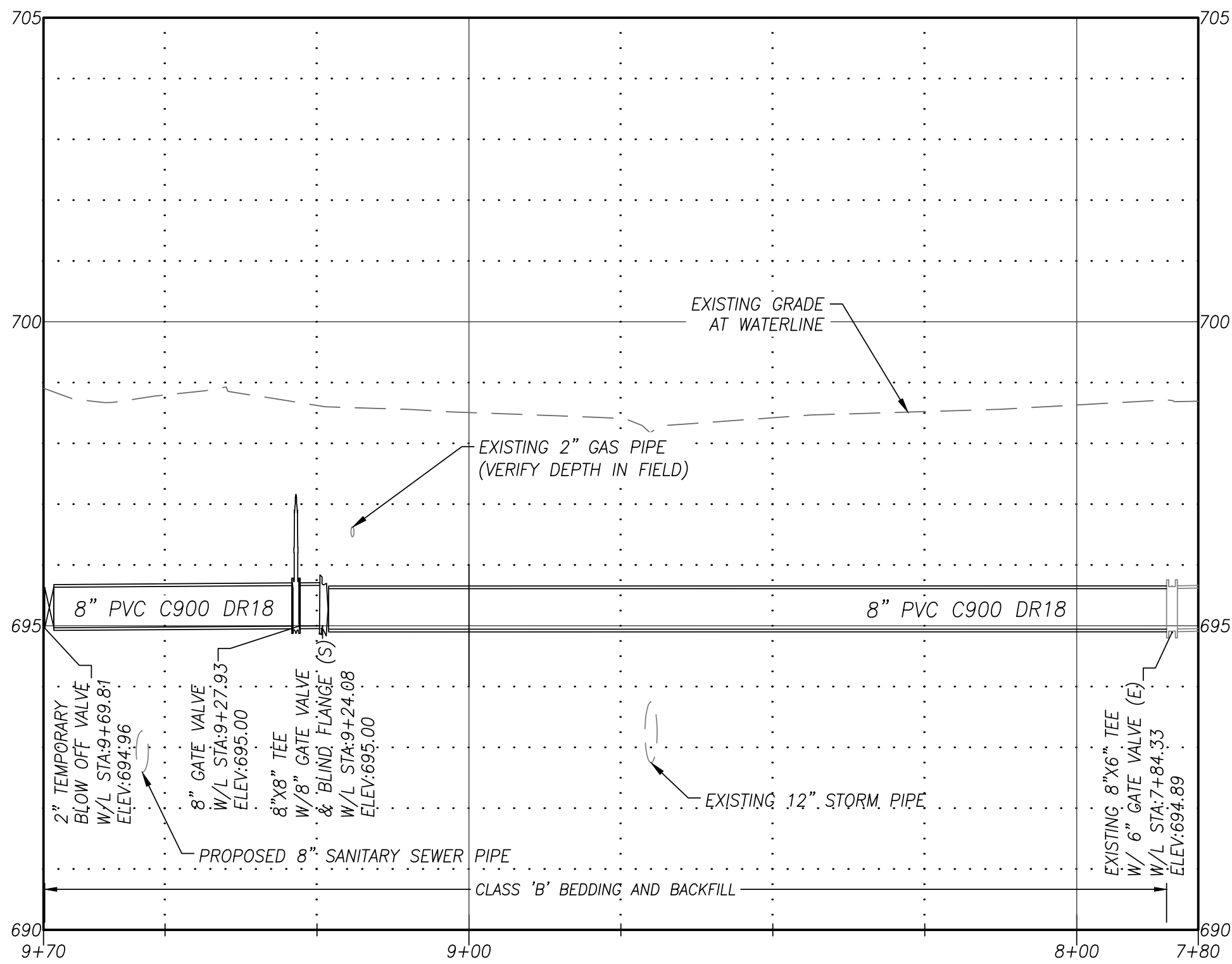
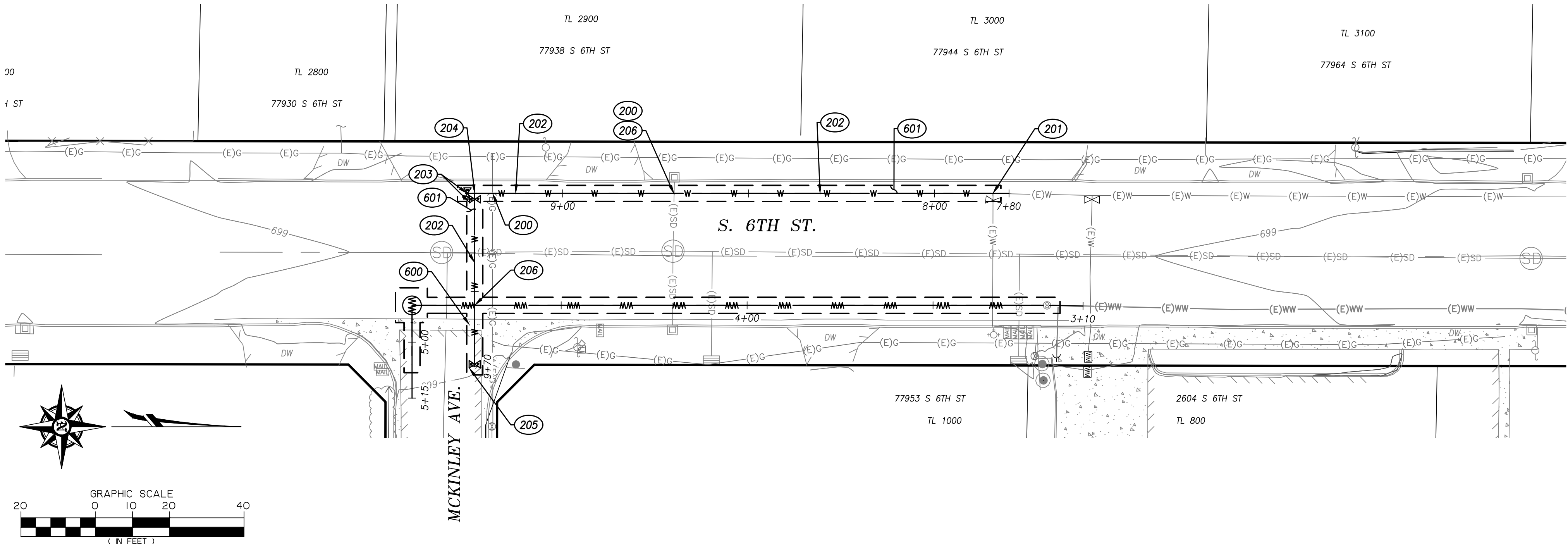
6TH ST. SANITARY SEWER MAIN PROFILE

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



REVISIONS:		
No.	DESCRIPTION	DATE

COTTAGE GROVE 6TH STREET SEWER & WATER EXTENSION PROJECT			
SANITARY SEWER PLAN AND PROFILE STA 3+10 TO 5+15			Sheet No. C2.0
DRAWN BY: VJ/SMH	CHECKED BY: DG	DATE: 6/6/2025	JOB No. 24-001E



6TH ST. WATER MAIN PROFILE
SCALE: HORIZ: 1" = 20'
VERT: 1" = 2'

- CONSTRUCTION NOTES:**
- 200 POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
 - 201 CITY OF COTTAGE GROVE PUBLIC WORKS TO MAKE FINAL CONNECTION TO EXISTING 8"x6" TEE WITH 8" GATE VALVE. CONTRACTOR TO COORDINATE WORK WITH CITY.
 - 202 FURNISH AND INSTALL 8" PVC C-900 (DR 18) WATERLINE WITH TRACER WIRE AND CLASS B BACKFILL. WATERLINE TRENCH PER ODOT STD DWG RD300 AND RD302, SHEET C6.0. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
 - 203 FURNISH AND INSTALL 8" GATE VALVE (RESILIENT WEDGE) WITH RETAINER GLANDS. AND VALVE BOX PER CITY OF COTTAGE GROVE STANDARD DRAWING 408, SHEET C6.0.
 - 204 FURNISH AND INSTALL 8" TEE WITH RETAINER GLANDS AND GATE VALVE & BLIND FLANGE SOUTH. PROVIDE MECHANICAL JOINT THRUST RESTRAINT TO ALL JOINTS.
 - 205 FURNISH AND INSTALL TEMPORARY 2" BLOW OFF VALVE PER CITY OF COTTAGE GROVE STD DWG 405 AND 408, SHEET C6.0. PROVIDE MECHANICAL JOINT THRUST RESTRAINT TO ALL JOINTS.
 - 206 WATER AND SANITARY/STORM SEWER CROSSINGS TO BE IN ACCORDANCE WITH OAR 333-061-0050 (9). CONTRACTOR TO CENTER ONE FULL LENGTH OF WATER PIPE WITH ONE FULL LENGTH OF SANITARY/STORM AT EACH CROSSING.
 - 600 RESTORE CONCRETE VALLEY GUTTER PER OREGON STANDARD DETAIL RD700, SHEET C6.2. MATCH EXISTING THICKNESS. DRILL 3/4" x 4-1/2" HOLES 12 INCHES ON CENTER INTO EXISTING CONCRETE. FILL HOLES WITH EPOXY AND INSERT 8" LONG #5 REBAR INTO HOLE PRIOR TO POURING CONCRETE VALLEY GUTTER.
 - 601 CONTRACTOR TO CONSTRUCT TRENCH RESURFACING BY PLACING 4" OF COMPACTED LEVEL 2- 1/2" DENSE HMA (2 LIFTS) OR MATCH EXISTING THICKNESS (WHICHEVER IS GREATER) OVER COMPACTED CRUSHED ROCK PER PAVEMENT REPAIR DETAIL SHEET C2.0.

NOTE TO CONTRACTOR:

INSTALL 8" WHITE FOG LINE W-2 STRIPE AFTER TRENCH RESURFACING IS COMPLETE PER OREGON STANDARD DETAIL TM500, SHEET C6.2. INSTALL WHITE BICYCLE STENCIL "B" AFTER TRENCH RESURFACING IS COMPLETE PER OREGON STANDARD DETAIL TM503, SHEET C6.2.

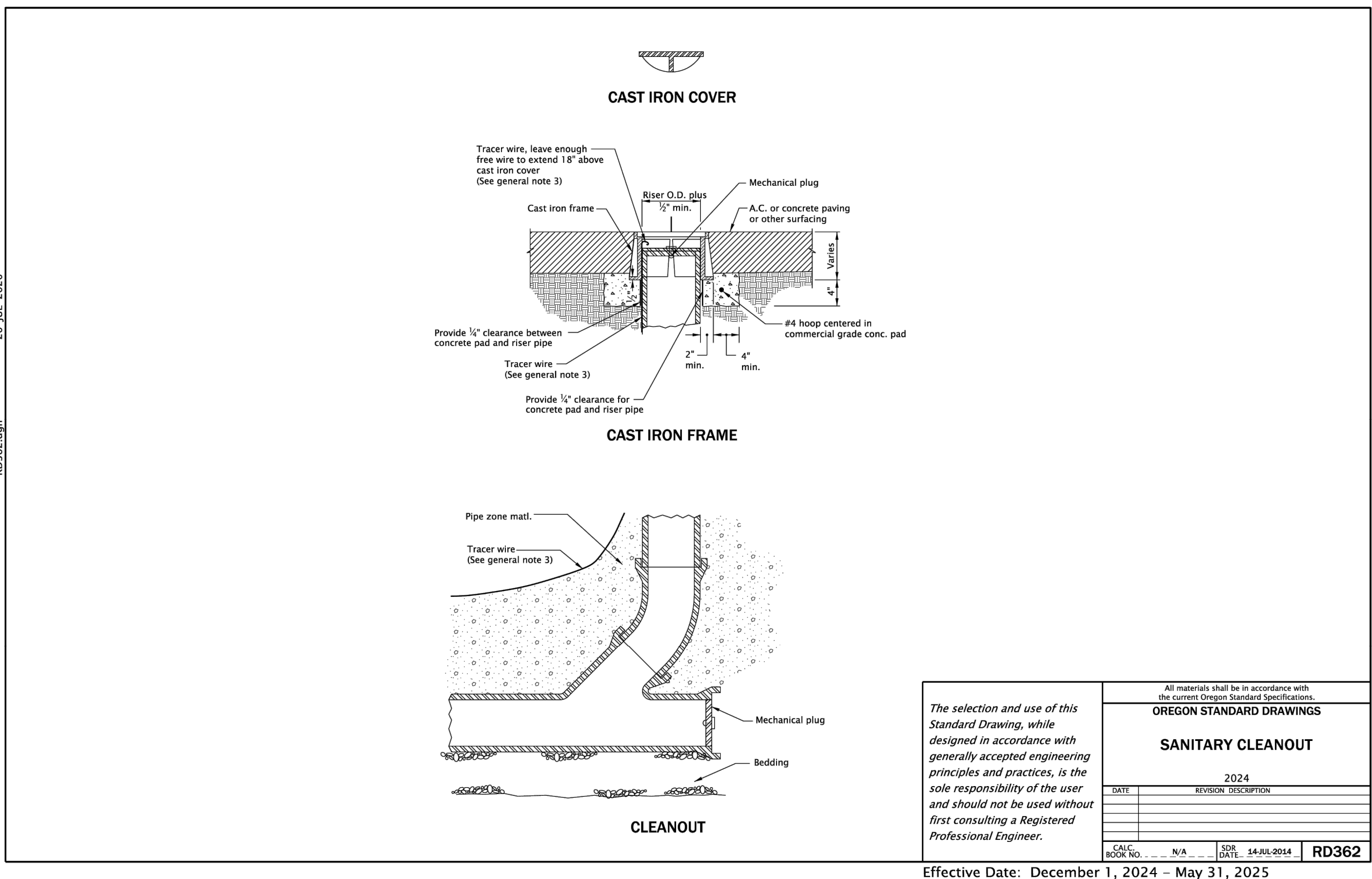
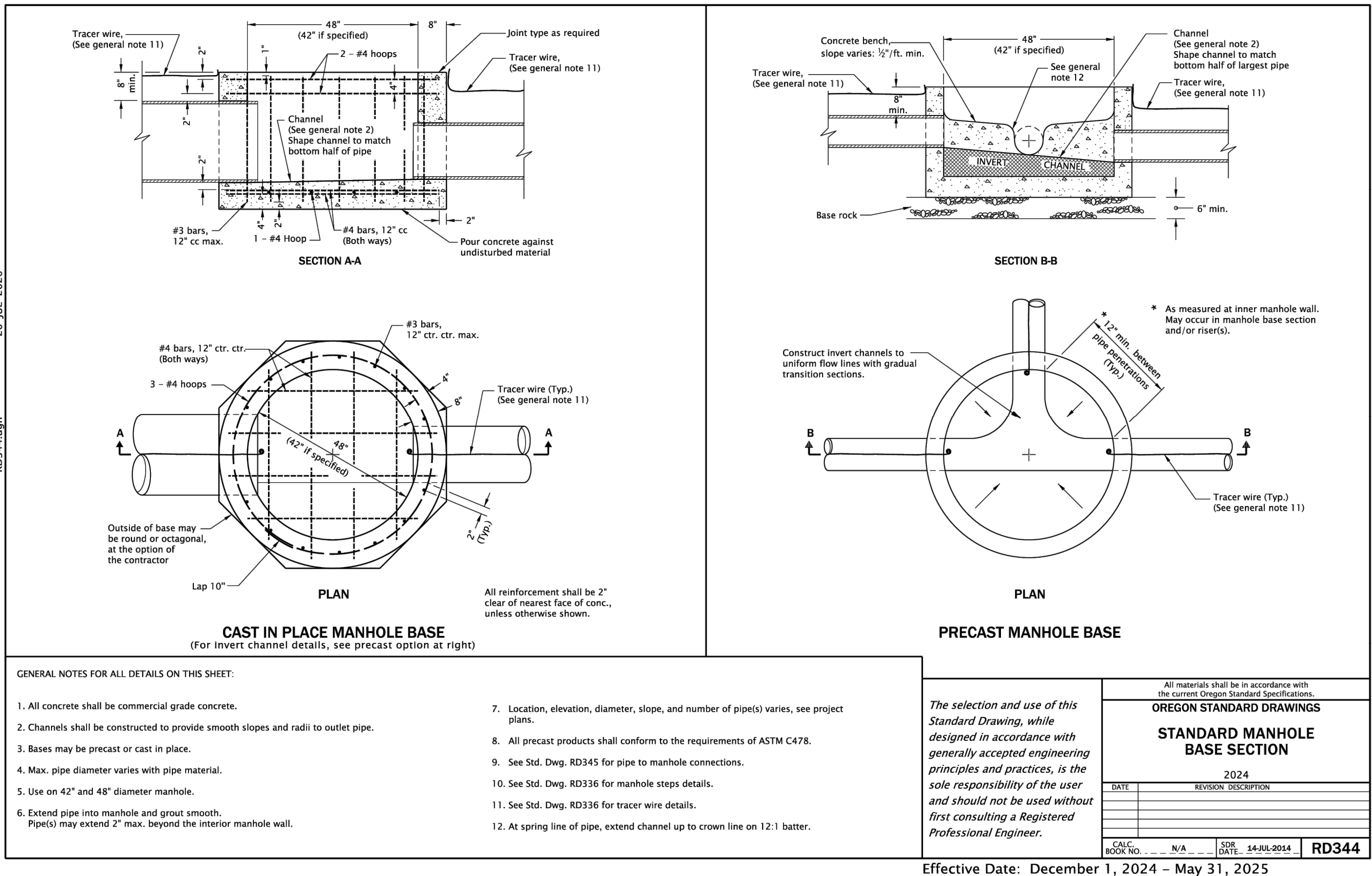
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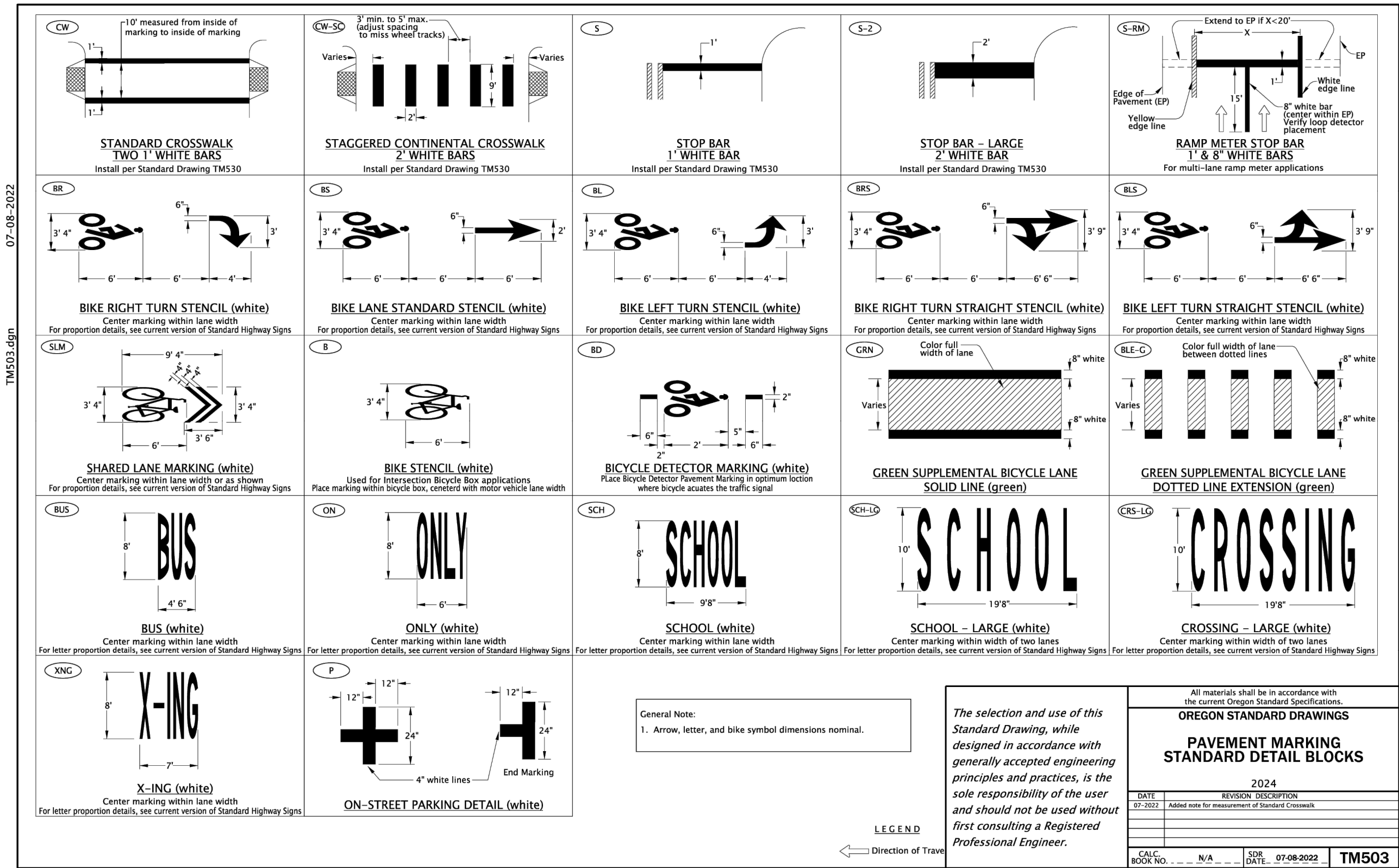
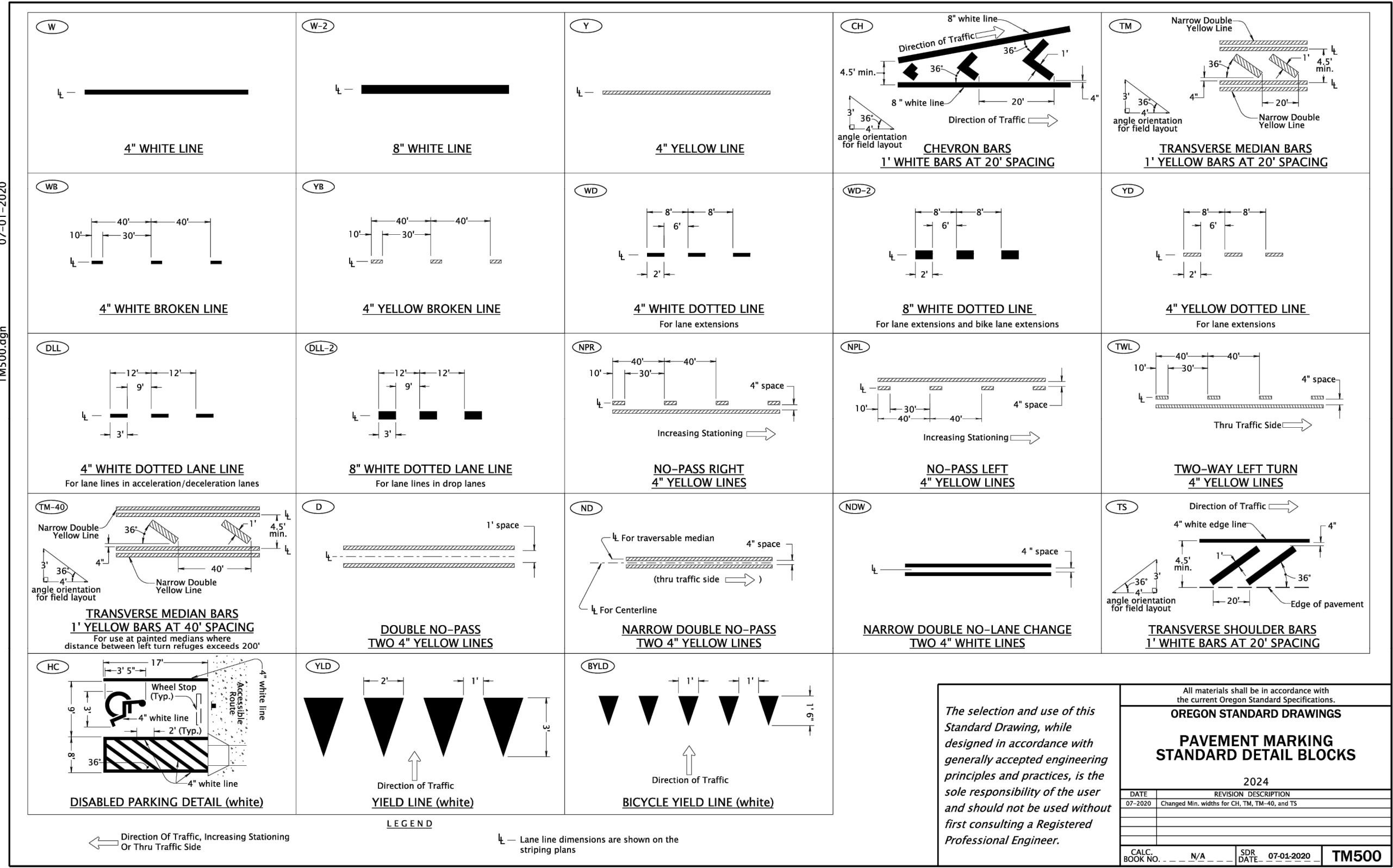
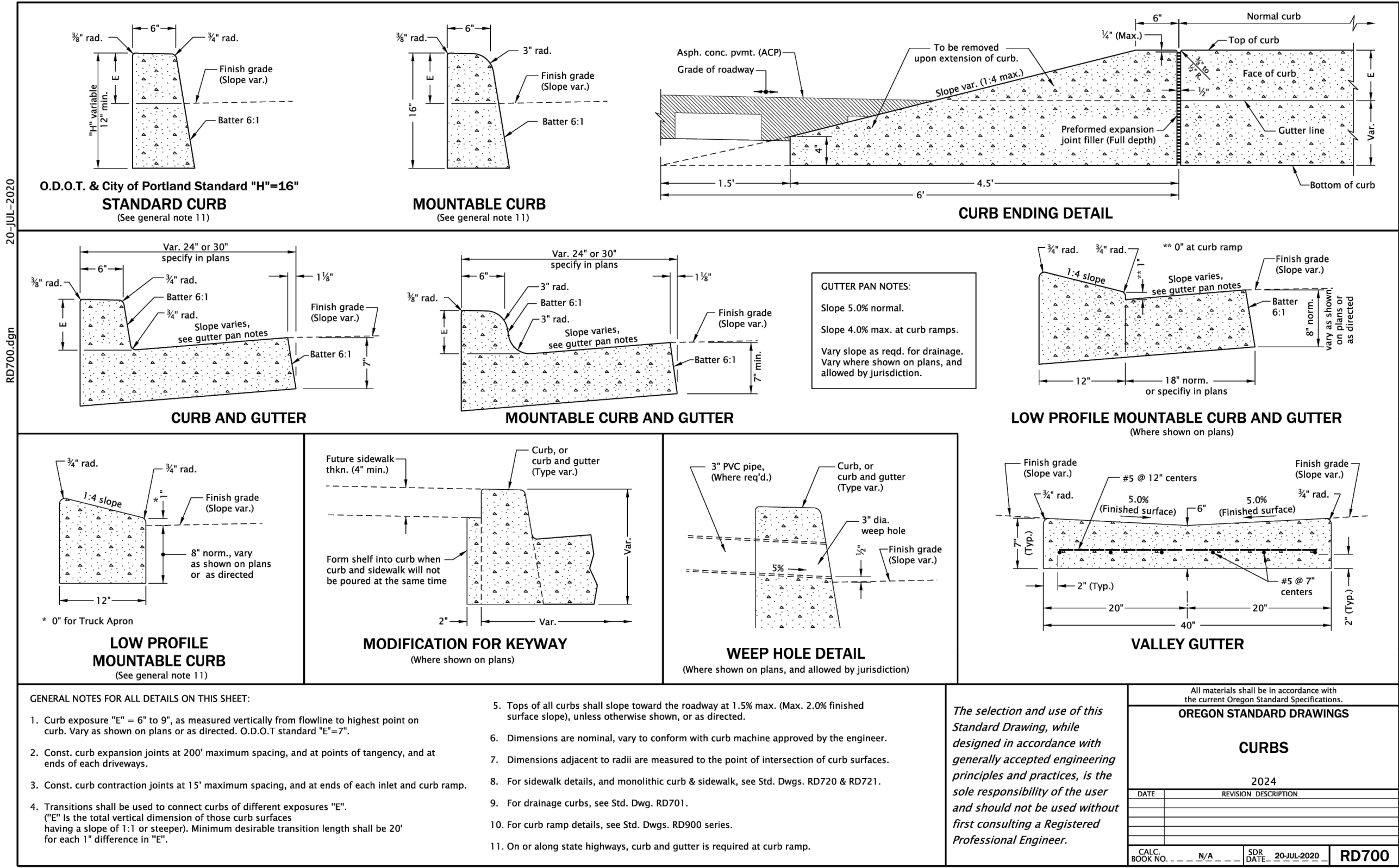
CITY OF COTTAGE GROVE ENGINEERING
400 Main Street Cottage Grove, OR 97424

REVISIONS:		
No.	DESCRIPTION	DATE

COTTAGE GROVE 6TH STREET SEWER & WATER EXTENSION PROJECT			
WATER MAIN PLAN AND PROFILE STA 7+80 TO 9+70			Sheet No. C3.0
DRAWN BY: VJ/SMH	CHECKED BY: DG	DATE: 6/6/2025	JOB No. 24-001E



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REVISIONS:		
No.	DESCRIPTION	DATE

COTTAGE GROVE 6TH STREET SEWER & WATER EXTENSION PROJECT		
DETAIL SHEET		
DRAWN BY: VJ/SMH		CHECKED BY: DG
DATE: 6/6/2025		JOB No. 24-001E
Sheet No. C6.2		