

Z:\2023\23-01C Cottage Grove South Road & Bridge Feasibility\Civil\Production Drawings\Construction Sheets\23-01C.C.G. CIP.dwg 12/18/2024 3:19 PM ANDREWS

LEGEND

PROPOSED	EXISTING	
		CONTOUR LINE
		EDGE OF TOP OF DITCH
		BOTTOM OF DITCH
		CONCRETE
		GRAVEL
		CURB
		ASPHALT
		EDGE OF ASPHALT
		DETECTABLE WARNING SURFACE
		LANDSCAPING
		STORMWATER LINE
		STORMWATER MANHOLE
		DITCH INLET
		CURB INLET
		RIPRAP
		SANITARY LINE
		SANITARY PRESSURE LINE
		SANITARY MANHOLE
		SANITARY/STORMWATER CLEANOUT
		WATER LINE
		FIRE HYDRANT
		WATER VALVE
		CURB
		BOTTOM OF DITCH
		EDGE OF TOP OF DITCH
		GRAVEL
		CONCRETE
		EDGE OF ASPHALT
		FENCE
		STREET LIGHT
		WATER LINE
		WATER METER
		SANITARY LINE
		SANITARY MANHOLE
		GAS LINE
		STORMWATER LINE
		STORMWATER MANHOLE
		CURB INLET
		CATCH BASIN
		DITCH INLET
		TELEPHONE RISER
		OVERHEAD WIRES
		UNDERGROUND POWER
		UTILITY POLE
		EXISTING BUILDING
		COMMUNICATION LINE
		MAILBOX
		SIGN

* LEGEND ITEMS ARE SHOWN AT SCALE 1"=20'

CLEVELAND STREET

CAPITAL IMPROVEMENT 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) 942-3340
EMAIL: pwdirector@cottagegrove.org

CIVIL ENGINEER

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SPRINGFIELD, OR 97477
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SURVEYOR

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UTILITY REPRESENTATIVES

ELECTRICAL

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ALBANY, OR 97322
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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: GREG GRISWELL, PUBLIC WORKS SUPERVISOR
400 E MAIN STREET
COTTAGE GROVE, OR 97424
PHONE: (541) 942-3024
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COMMUNICATION SERVICES

CENTURY LINK/LUMEN
CONTACT: TREVOR GILBERT
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CHARTER COMMUNICATIONS
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PHONE: MARK (541) 201-0097
SHANE (541) 228-7521
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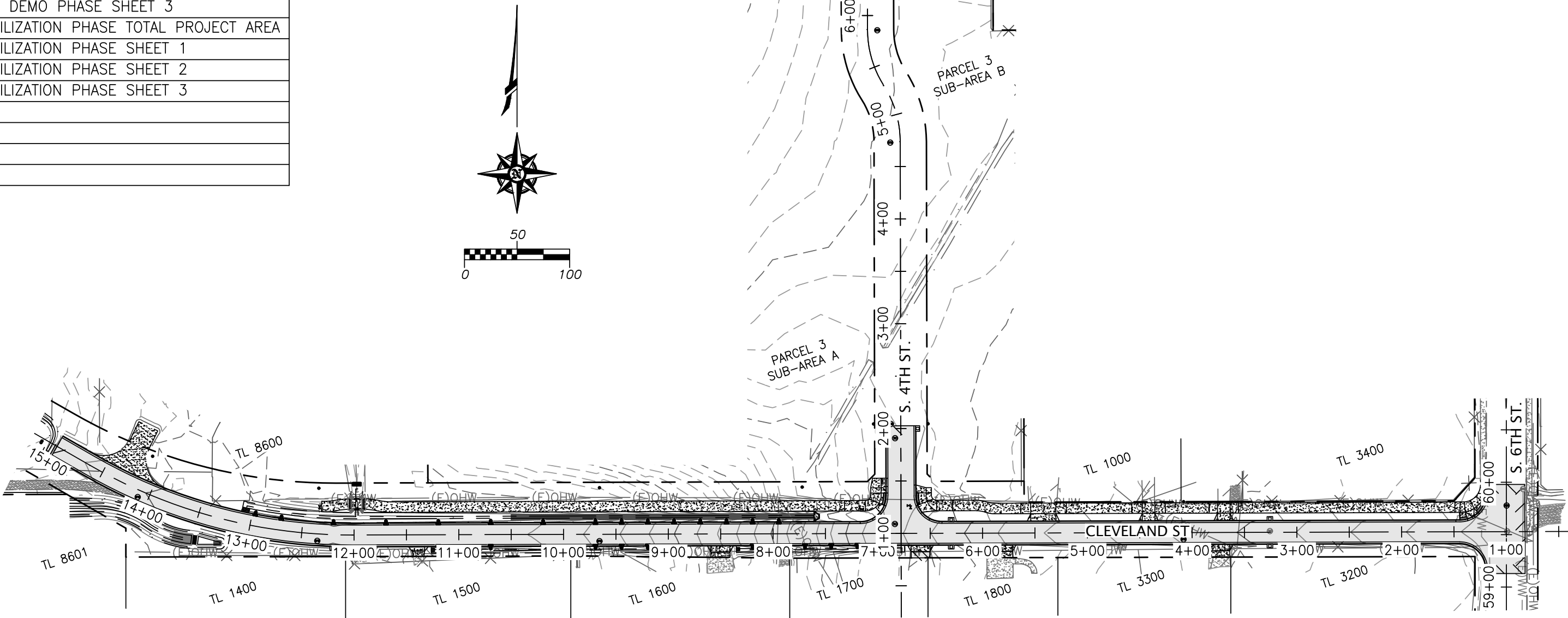
FIRE

SOUTH LANE COUNTY FIRE & RESCUE
CONTACT: DANNY L. SOLESBEE
233 HARRISON AVE
COTTAGE GROVE, OR 97424
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GAS

NORTHWEST NATURAL GAS
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C0.03	STREET SECTION VIEWS	EC1.11	EROSION & SEDIMENT CONTROL PLAN. EXISTING CONDITIONS AND DEMO PHASE SHEET 1
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C4.12	SANITARY SEWER PLAN AND PROFILE. CLEVELAND ST. STA. 5+50 TO 11+00		
C4.13	SANITARY SEWER PLAN AND PROFILE. CLEVELAND ST. STA. 11+00 TO 15+00		
C4.14	SANITARY SEWER FORCE MAIN PLAN AND PROFILE. CLEVELAND ST. STA. 0+80 TO 5+50		
C4.15	SANITARY SEWER FORCE MAIN LINE PLAN AND PROFILE. CLEVELAND ST. STA. 5+50 TO 11+00		
C4.16	SANITARY SEWER FORCE MAIN LINE PLAN AND PROFILE. CLEVELAND ST. STA. 11+00 TO 15+00		
C4.21	SANITARY SEWER PLAN AND PROFILE. S. 4TH ST. STA. 1+00 TO 5+00		
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C4.23	SANITARY SEWER PLAN AND PROFILE. S. 4TH ST. STA. 10+50 TO 14+00		
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C6.03	DETAIL SHEET 3		
C6.04	DETAIL SHEET 4		
C6.05	DETAIL SHEET 5		
C6.06	DETAIL SHEET 6		



VICINITY MAP

NOT TO SCALE

Digitally signed by
Damien Gilbert
Date: 2024.12.18
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REVISIONS:

No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT

COVER SHEET

DRAWN BY: JAD/JRW
CHECKED BY: AWMS
DATE: 12/12/2024

Sheet No.
C0.01
JOB No. 23-001C

Z:\2023\23-01C Cottage Grove South Road & Bridge Feasibility\Civil\Production Drawings\Construction Sheets\23-01C.C.G. CIP.dwg 12/18/2024 3:19 PM ANDREWS

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, AND THE DESIGN ENGINEER OR THE 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.			

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1	ADDENDUM 1	12/18

CLEVELAND STREET
CAPITAL IMPROVEMENT PROJECT

GENERAL CONSTRUCTION NOTES

Sheet No.
C0.02

DRAWN BY:
JAD

CHECKED BY:
AWMS

DATE:
12/12/2024

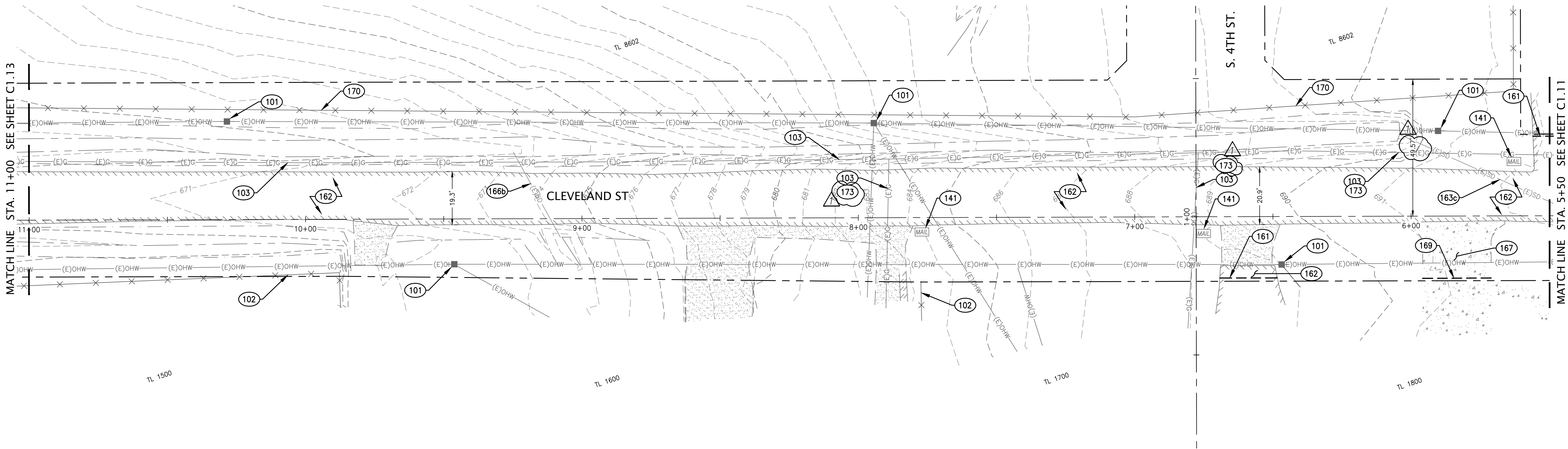
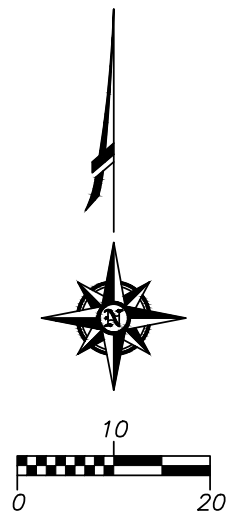
JOB No. 23-001C



- (611) CONSTRUCT 4" THICK SEPARATED SIDEWALK OVER 4" OF AGGREGATE PER ODOT STANDARD DRAWING R0721, SHEET C6.02
- (621) CONSTRUCT 6" TALL 24" CURB AND GUTTER OVER 12" OF AGGREGATE PER ODOT STANDARD DRAWING R0700, SHEET C6.02
- (631) PAVEMENT BASE COURSE SHALL BE ASPHALT CONCRETE, 2" LIFT OF LEVEL 2, 1 1/2" DENSE HMA. WEARING COURSE SHALL BE ASPHALT CONCRETE 2" LIFT OF LEVEL 2, 1 1/2" DENSE HMA. FOLLOW 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION. COMPACT ALL GROUNDS TO A MINIMUM OF 91% RICE GRAVITY OR GREATER. OFFSET Joints OF EACH COURSE OF ASPHALT CONCRETE BY 2 FEET SO JOINTS DO NOT MATCH PER 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- (665) FOR ABOVE GROUND STORMWATER FACILITIES SEE STORMWATER DETAILS, SHEET C3.91
- (666) FOR ABOVE GROUND STORMWATER FACILITIES SEE STORMWATER DETAILS, SHEET C3.92
- (667) INSTALL 6-FOOT WIDE DITCH WITH 3:1 SIDE SLOPES WITH A 2-FOOT WIDE BOTTOM ALONG ROAD IMPROVEMENTS. PER PLAN.
- (672) BASE ROCK SHALL BE 1 1/2" MIN. 1"-0" CRUSHED ROCK AGGREGATE. AGGREGATE SHALL BE COMPACTED TO 95% RELATIVE MAXIMUM DENSITY AS DETERMINED BY METHOD T-180. FOLLOW 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.

CONSTRUCTION NOTES:

- 101
- PROTECT EXISTING UTILITY POLE.
- 102
- PROTECT EXISTING FENCE.
- 103
- PROTECT EXISTING UTILITY.
- 141
- EXISTING MAILBOX TO BE RELOCATED.
- 161
- SAWCUT EXISTING AC PAVEMENT. PROTECT SAWCUT EDGE FROM DAMAGE.
- 162
- REMOVE EXISTING AC PAVEMENT. REMOVE EXISTING BASE ROCK AND SUBGRADE AS REQUIRED FOR NEW PAVEMENT SECTION FINISHED GRADE.
- 163c
- REMOVE EXISTING 30" STORMWATER PIPE.
- 166b
- REMOVE EXISTING 24" CULVERT PIPE.
- 167
- REMOVE EXISTING CONCRETE.
- 169
- SAWCUT EXISTING CONCRETE.
- 170
- REMOVE EXISTING FENCE.
- 173
- COORDINATE WITH NW NATURAL FOR ANY REQUIRED RELOCATIONS OF GAS LATERAL.



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CLEVELAND STREET

CAPITAL IMPROVEMENT PROJECT

EXISTING CONDITIONS AND DEMO. PLAN

CLEVELAND ST. STA. 5+50 TO 11+00

DRAWN BY:

JAD/JRW

CHECKED BY:

AWMS

DATE:

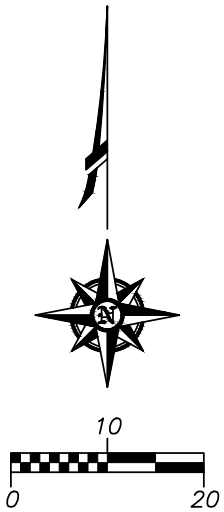
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Sheet No.

C1.12

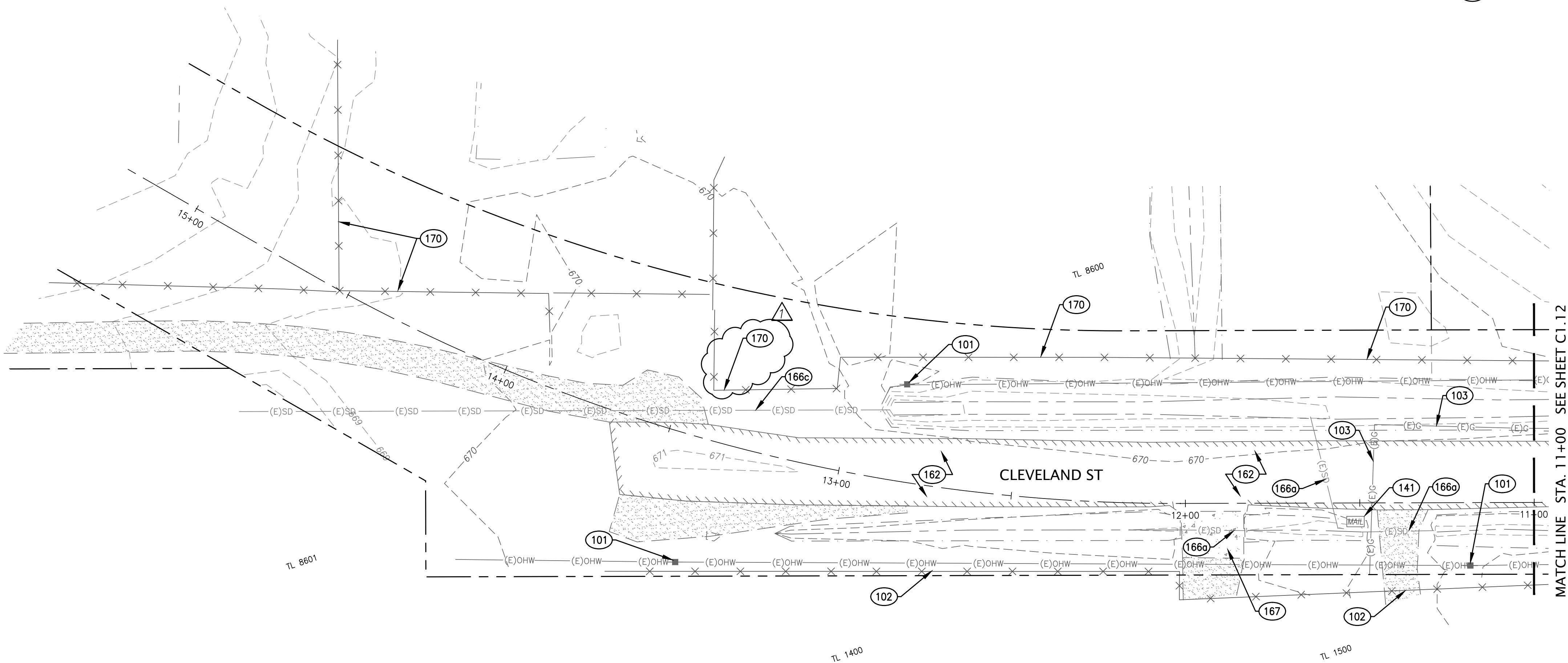
JOB No.

23-001C



CONSTRUCTION NOTES:

- 101 PROTECT EXISTING UTILITY POLE.
- 102 PROTECT EXISTING FENCE.
- 103 PROTECT EXISTING UTILITY.
- 141 EXISTING MAILBOX TO BE RELOCATED.
- 162 REMOVE EXISTING AC PAVEMENT. REMOVE EXISTING BASE ROCK AND SUBGRADE AS REQUIRED FOR NEW PAVEMENT SECTION FINISHED GRADE.
- 166a REMOVE EXISTING CULVERT PIPE.
- 166c REMOVE EXISTING 30" CULVERT PIPE.
- 167 REMOVE EXISTING CONCRETE.
- 170 REMOVE EXISTING FENCE.



MATCH LINE STA. 11+00 SEE SHEET C1.12

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CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
EXISTING CONDITIONS AND DEMO. PLAN CLEVELAND ST. STA. 11+00 TO 15+00			Sheet No. C1.13
DRAWN BY: JAD/JRW	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C

(601) CONSTRUCT PAVEMENT SECTION, CURB & GUTTER AND SIDEWALK PER CROSS SECTION 1, SHEET C6.03

(612) INSTALL CURB AND RAMP, PER DETAIL 1 SHEET C2.14

(615) POUR SIDEWALK UP TO AND AROUND EXISTING UTILITY POLES

(621) CONSTRUCT 6" TALL 24" CURB AND GUTTER OVER 12" OF AGGREGATE PER ODOT STANDARD DRAWING RD700, SHEET C6.02

(631) PAVEMENT BASE COURSE SHALL BE ASPHALT CONCRETE, 2" LIFT OF LEVEL 2, 1/2" DENSE HMAC. WEARING COURSE SHALL BE ASPHALT CONCRETE 2" LIFT OF LEVEL 2, 1/2" DENSE HMAC. FOLLOW 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION. COMPACT ALL COURSES TO A MINIMUM OF 91% RICE GRAVITY OR GREATER. OFFSET JOINTS OF EACH COURSE OF ASPHALT CONCRETE BY 2 FEET SO JOINTS DO NOT MATCH PER 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.

(632) SEAL PAVEMENT JOINT. TACK COAT EXISTING PAVEMENT EDGES. THE MATCHLINE TO EXISTING PAVING SHALL COMPLY WITH ODOT STD DWG RD302, SHEET C6.01

(641) CONSTRUCT DRIVEWAY PER SHEET C2.15. AND ODOT STD DWG RD740, SHEET C6.02

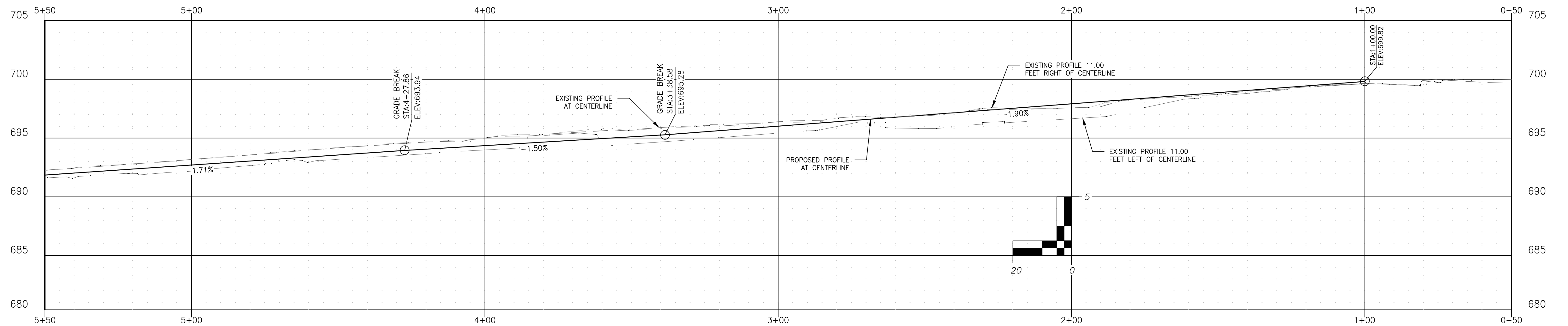
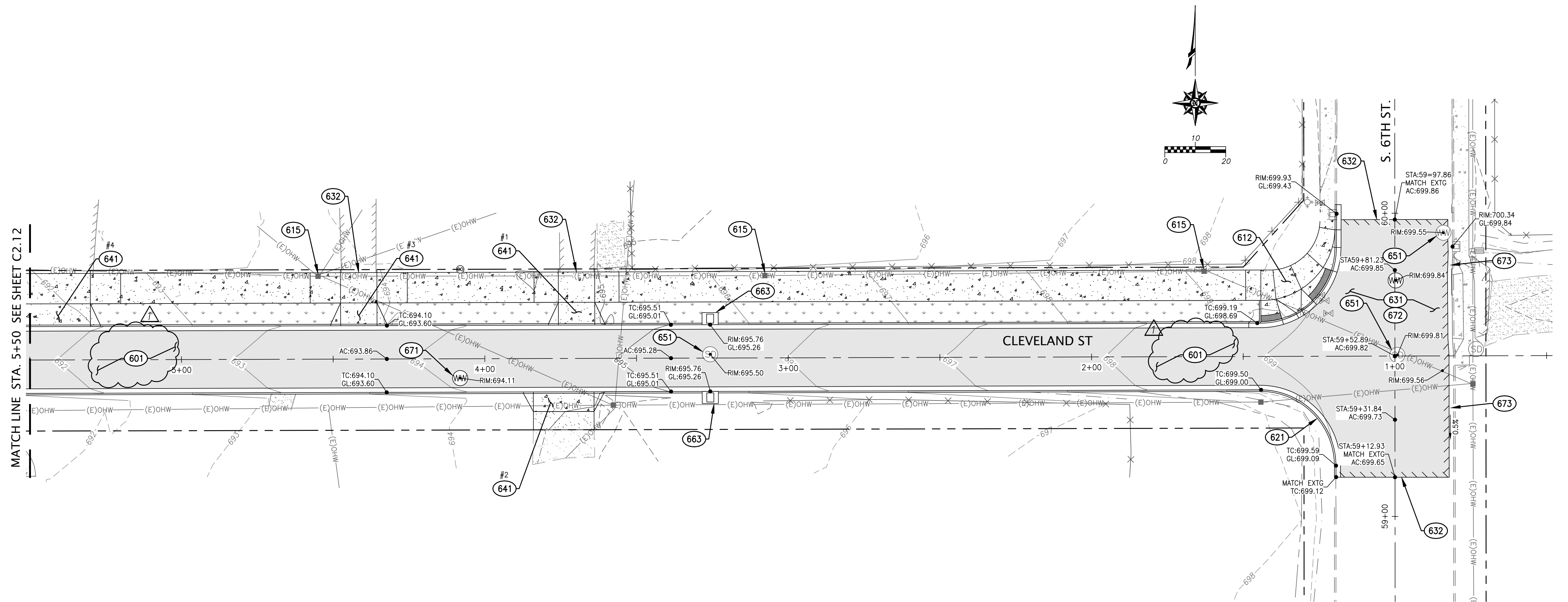
(651) EXISTING STORM, WASTEWATER OR TELECOM MANHOLE LID TO BE ADJUSTED TO PROPOSED FINISHED GRADE.

(663) INSTALL CURB INLET PER STORMWATR SEWER PLAN

(671) NEW 48" SANITARY MANHOLE. PER SANITARY SEWER PLAN

(672) BASE ROCK SHALL BE 12" MIN. 1"-0" CRUSHED ROCK AGGREGATE. AGGREGATE SHALL BE COMPACTED TO 95% RELATIVE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. FOLLOW 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.

(673) MATCH EXISTING GRADE ALONG EDGE OF GUTTER PAN.

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CLEVELAND STREET
CAPITAL IMPROVEMENT PROJECT

GRADING PLAN AND PROFILE
CLEVELAND ST. STA. 0+50 TO 5+50
AND 6TH ST.

Sheet No.
C2.11

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JOB No. 23-001C

CONSTRUCTION NOTES:

- 601

CONSTRUCT PAVEMENT SECTION, CURB & GUTTER AND SIDEWALK PER CROSS SECTION 1, SHEET C0.03.
- 602

CONSTRUCT PAVEMENT SECTION, CURB & GUTTER AND SIDEWALK PER CROSS SECTION 2, SHEET C0.03.
- 604

CONSTRUCT PAVEMENT SECTION, CURB & GUTTER AND SIDEWALK PER CROSS SECTION 4, SHEET C0.03.
- 613

INSTALL CURB AND RAMP, PER DETAIL 2 SHEET C2.14
- 614

INSTALL CURB RAMP, PER DETAIL 3, SHEET C2.14
- 621

CONSTRUCT 6" TALL 24" CURB AND GUTTER OVER 12" OF AGGREGATE PER ODOT STANDARD DRAWING RD700, SHEET C6.02
- 622

INSTALL CURB CUT, PER DETAIL 1, SHEET C6.03
- 631

PAVEMENT BASE COURSE SHALL BE ASPHALT CONCRETE, 2" LIFT OF LEVEL 2, 1/2" DENSE HMAC, WEARING COURSE SHALL BE ASPHALT CONCRETE 2" LIFT OF LEVEL 2, 1/2" DENSE HMAC. FOLLOW 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION. COMPACT ALL COURSES TO A MINIMUM OF 91% RICE GRAVITY OR GREATER. OFFSET JOINT OF EACH COURSE OF ASPHALT CONCRETE BY 2 FEET SO JOINTS DO NOT MATCH PER 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- 632

SEAL PAVEMENT JOINT. TACK COAT EXISTING PAVEMENT EDGES. THE MATCHLINE TO EXISTING PAVING SHALL COMPLY WITH ODOT STD DWG RD302, SHEET C6.01
- 641

CONSTRUCT DRIVEWAY PER SHEET C2.15. AND ODOT STD DWG RD740, SHEET C6.02
- 652

VERIFY WITH UTILITY POLE OWNER FOR GRADING DITCH AROUND POLE.
- 662

NEW 60" STORMWATER MANHOLE, PER STORMWATER SEWER PLAN.
- 663

INSTALL CURB INLET, PER STORMWATER SEWER PLAN
- 666

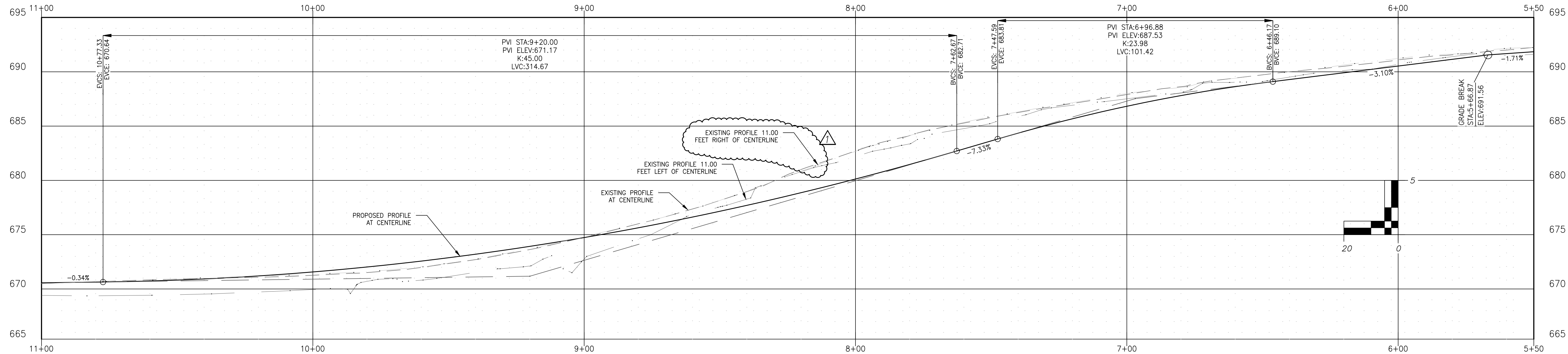
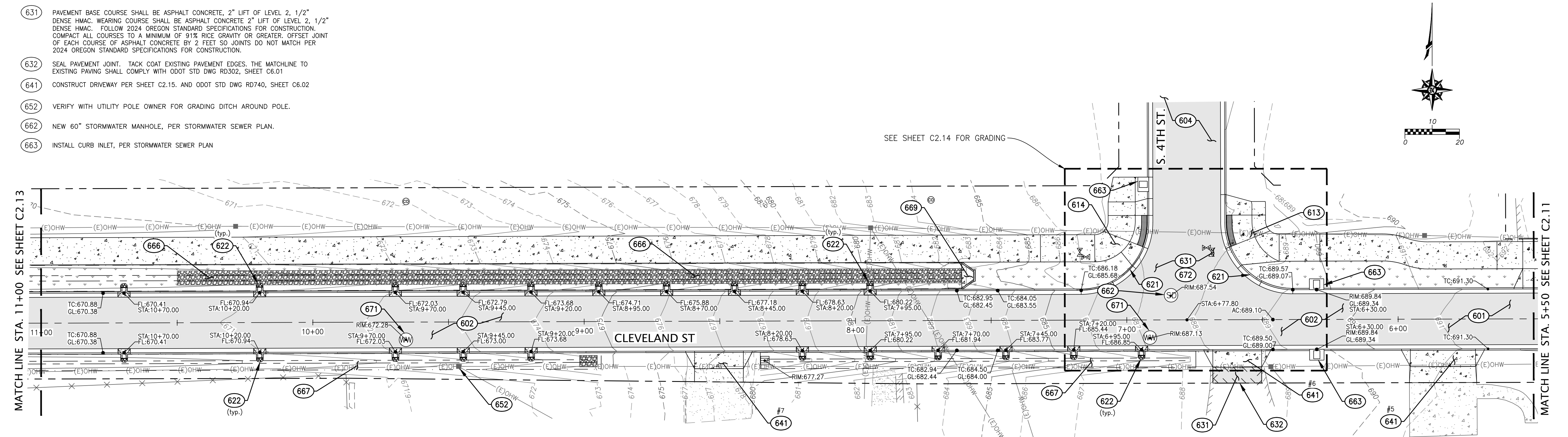
FOR ABOVE GROUND STORMWATER FACILITIES SEE STORMWATER DETAILS, SHEET C3.92
- 667

INSTALL 6-FOOT WIDE DITCH WITH 3:1 SIDE SLOPES WITH A 2-FOOT WIDE BOTTOM ALONG ROAD IMPROVEMENTS, PER PLAN.
- 669

INSTALL PRECAST 30" HEADWALL OVER 18" OF 3/4"-0 COMPACTED TO 95% MODIFIED PROTECTOR, PER STORMWATER SEWER PLAN.
- 671

NEW 48" SANITARY MANHOLE, PER SANITARY SEWER PLAN
- 672

BASE ROCK SHALL BE 12" MIN. 1"-0" CRUSHED ROCK AGGREGATE. AGGREGATE SHALL BE COMPACTED TO 95% RELATIVE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. FOLLOW 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.



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CLEVELAND STREET
CAPITAL IMPROVEMENT PROJECT

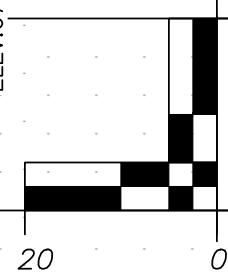
GRADING PLAN AND PROFILE
CLEVELAND ST. STA. 5+50 TO 11+00

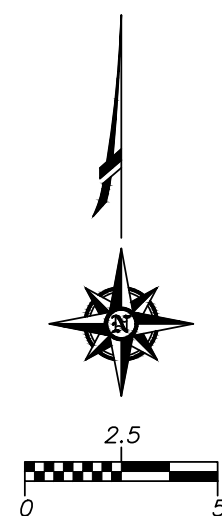
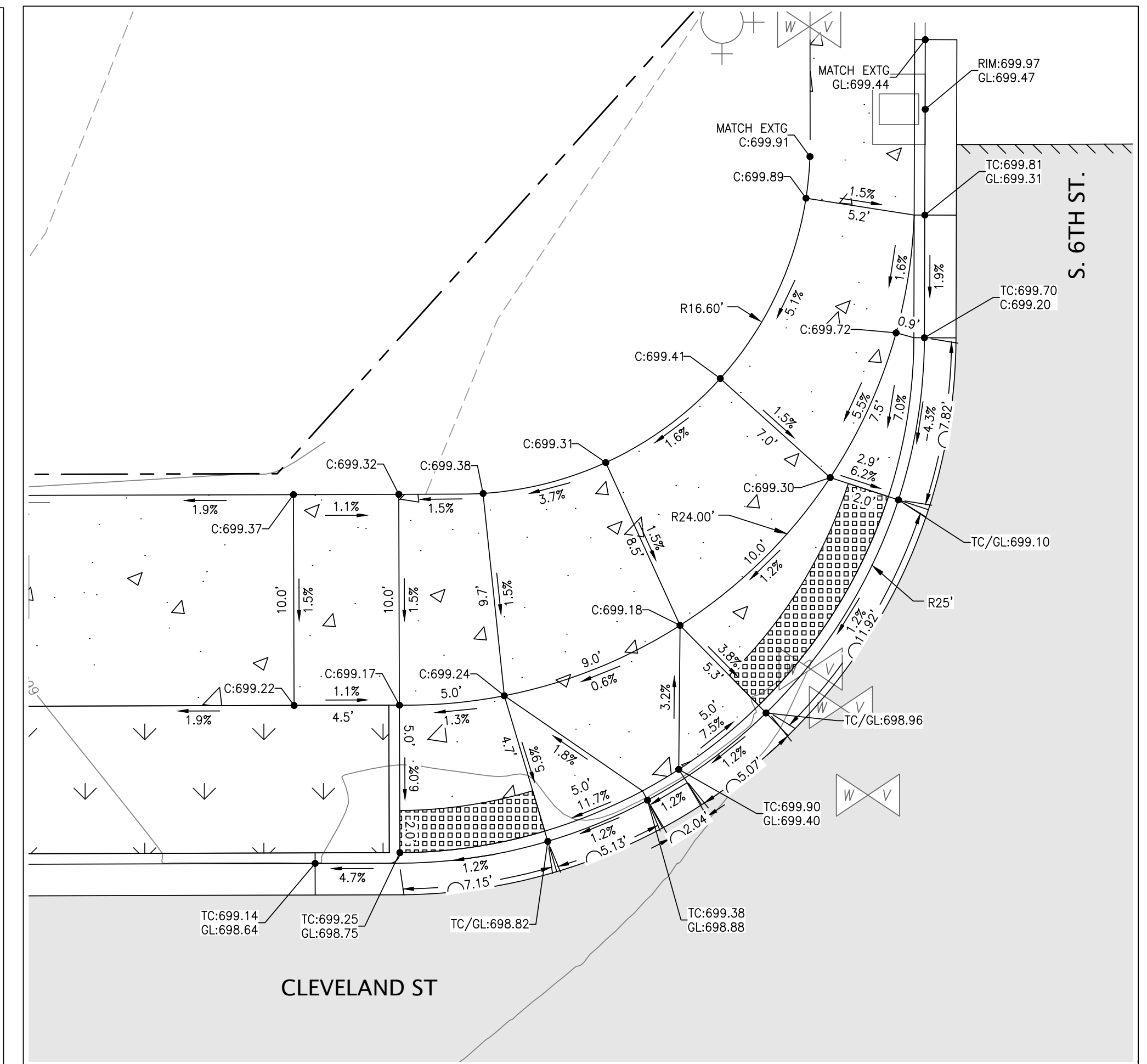
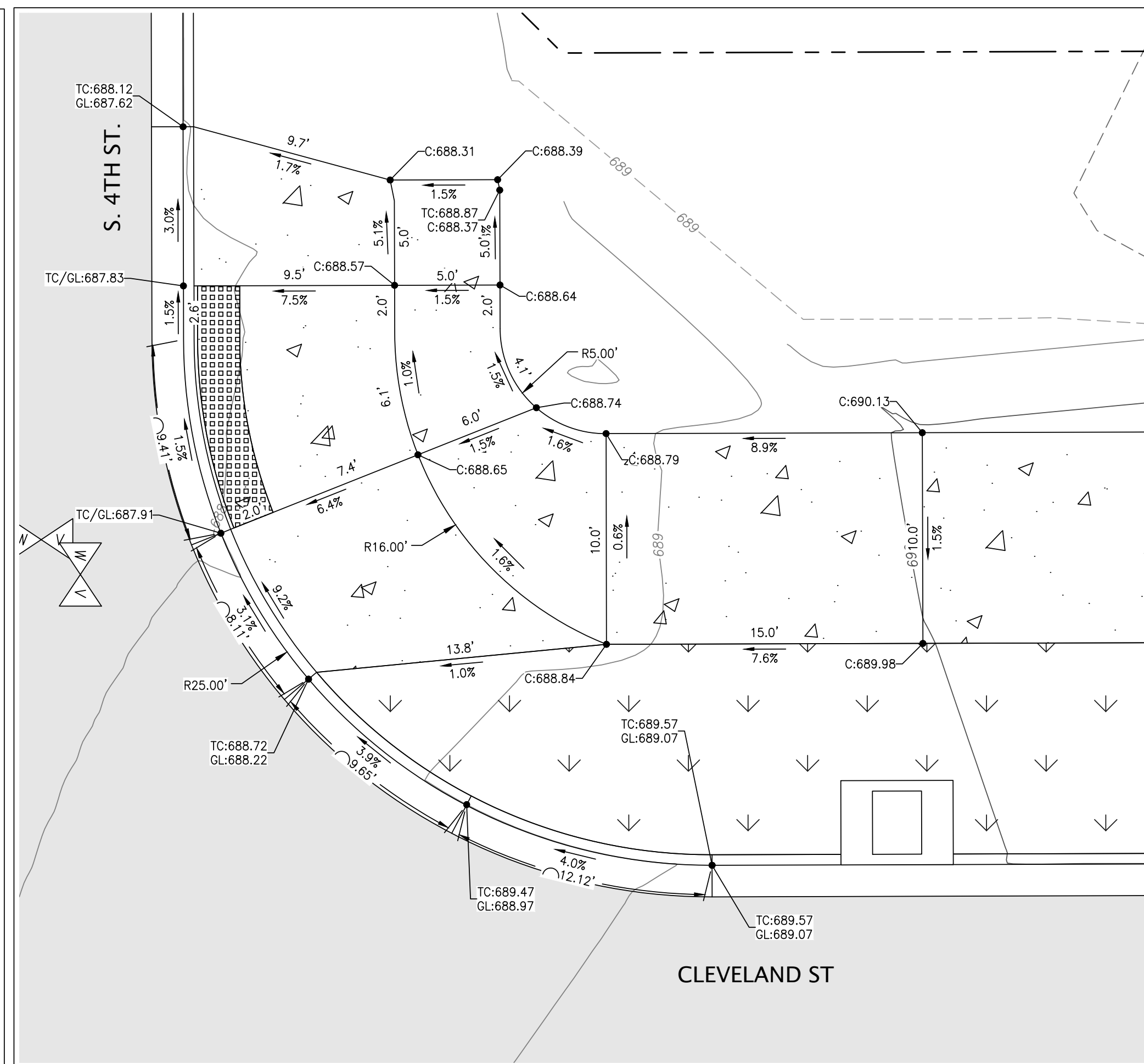
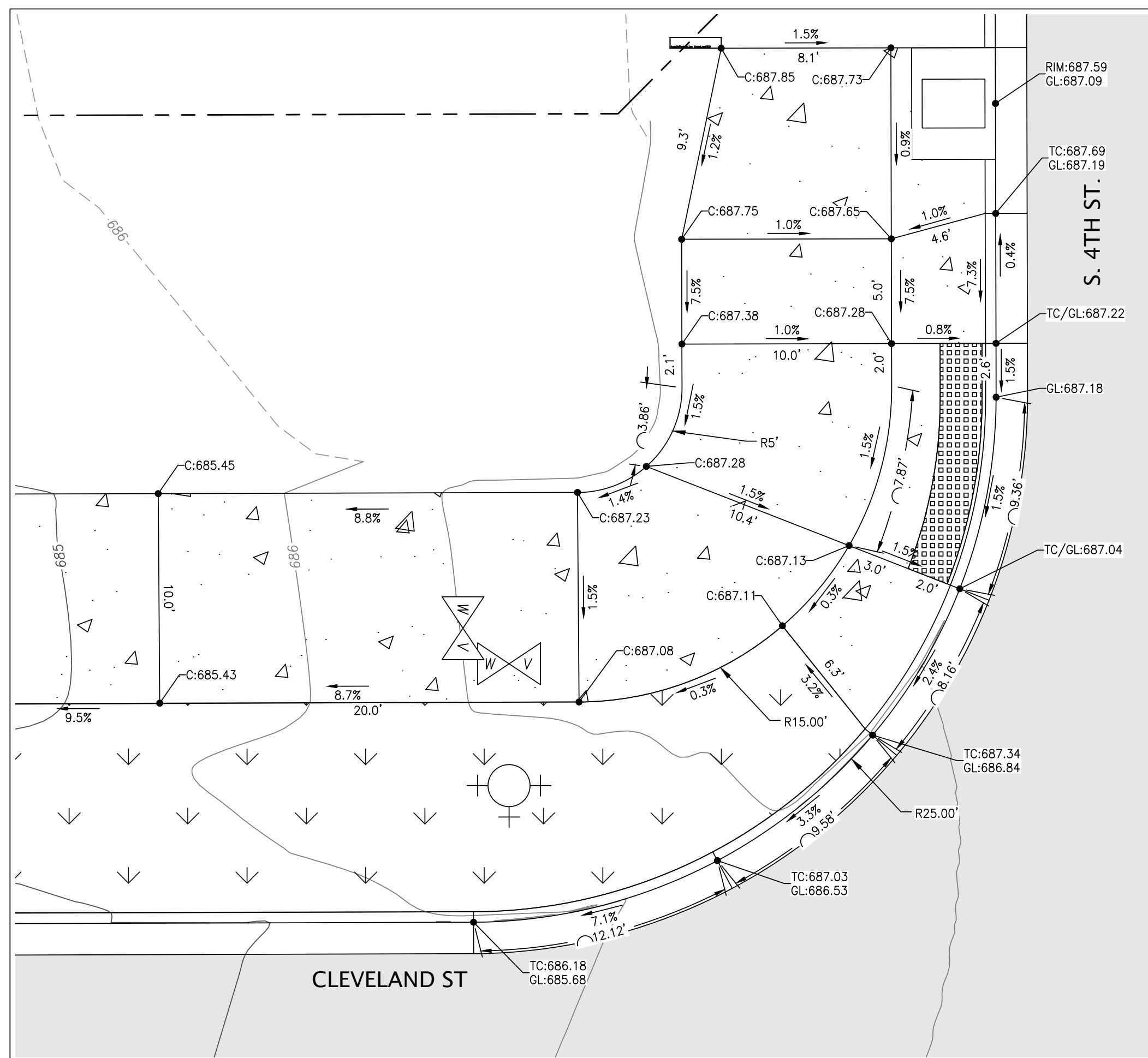
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DATE: 12/12/2024

Sheet No.
C2.12

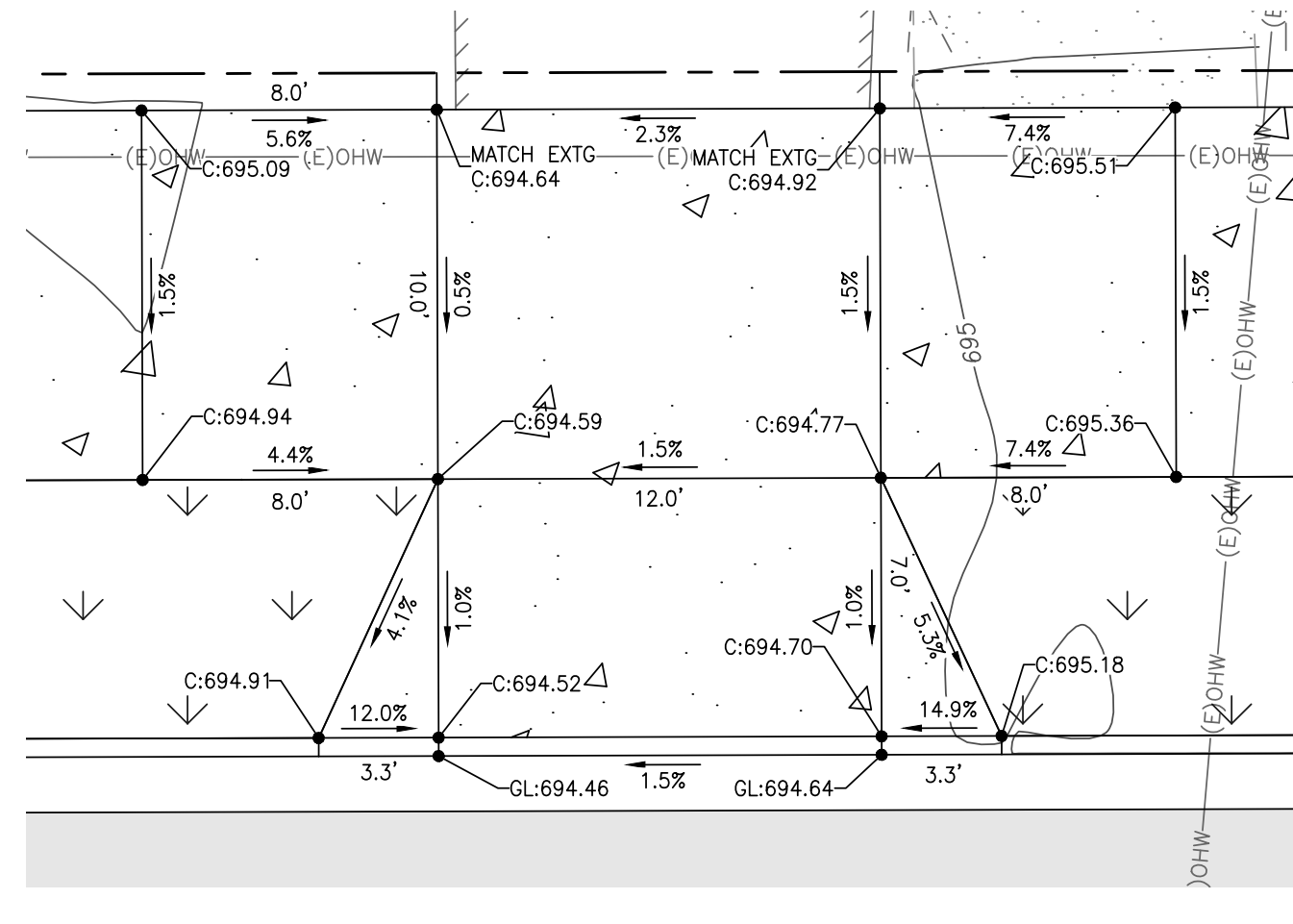
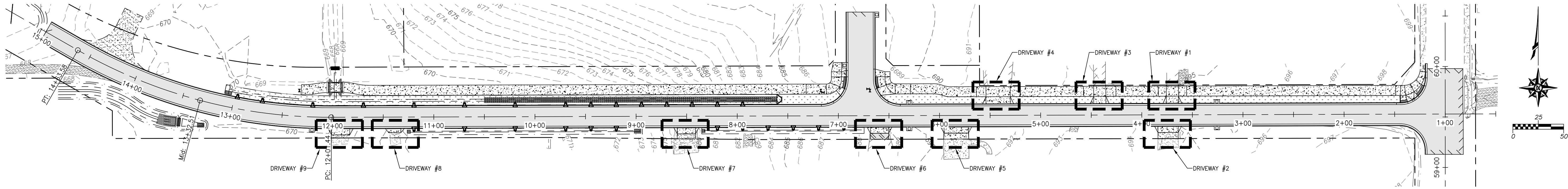
JOB No. 23-001C

- 602) CONSTRUCT PAVEMENT SECTION, CURB & GUTTER AND SIDEWALK PER CROSS SECTION 2, SHEET C.O.03.
- 604) CONSTRUCT PAVEMENT SECTION, CURB & GUTTER AND SIDEWALK PER CROSS SECTION 4, SHEET C.O.03.
- 616) CONSTRUCT MULTI USE FOOT BRIDGE. SEE SHEET S1
- 622) INSTALL CURB CUT. PER DETAIL 1, SHEET C6.03
- 623) CONSTRUCT 6" TALL 24" MOUNTABLE CURB AND GUTTER OVER 12" OF AGGREGATE PER ODOT STD DWG RD 700, SHEET C6.02.
- 633) 12" OF 3/4"-0 GRAVEL COMPACTED TO 95%.
- 641) CONSTRUCT DRIVEWAY PER SHEET C2.15. AND ODOT STD DWG RD740, SHEET C6.02
- 652) VERIFY WITH UTILITY POLE OWNER FOR GRADING DITCH AROUND POLE.
- 663) INSTALL CURB INLET PER STORMWATER SEWER PLAN
- 665) FOR ABOVE GROUND STORMWATER FACILITIES SEE STORMWATER DETAILS, SHEET C3.91
- 666) FOR ABOVE GROUND STORMWATER FACILITIES SEE STORMWATER DETAILS, SHEET C3.92
- 667) INSTALL 6-FOOT WIDE DITCH WITH 3:1 SIDE SLOPES WITH A 2-FOOT WIDE BOTTOM ALONG ROAD IMPROVEMENTS, PER PLAN.
- 668) INSTALL 8-FOOT WIDE DITCH WITH 3:1 SIDE SLOPES WITH A 2-FOOT WIDE BOTTOM AT END OF ROAD IMPROVEMENTS SLOPING TOWARD EXISTING CHANNEL TO THE NORTH

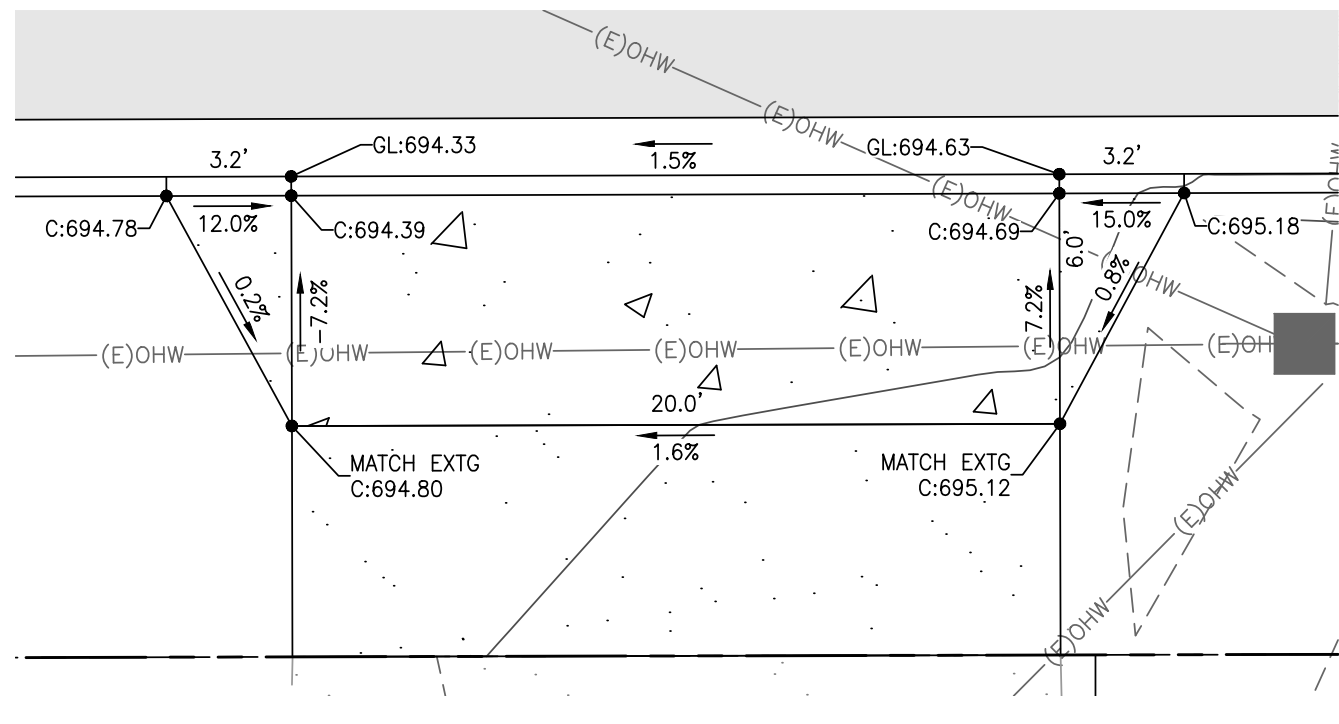


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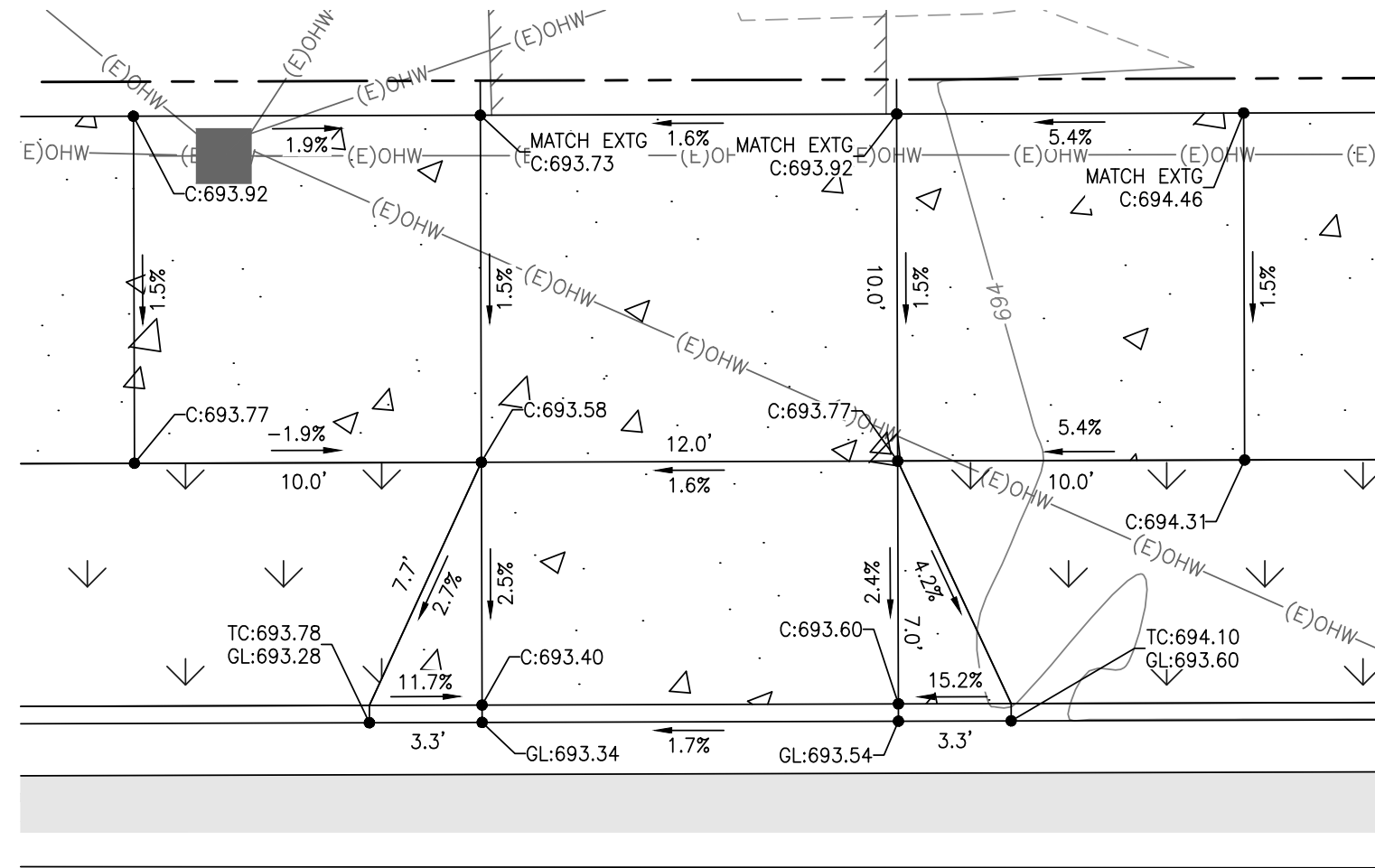
CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
ADA RAMP GRADING PLAN			Sheet No. C2.14
DRAWN BY: JAD/JRW	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C



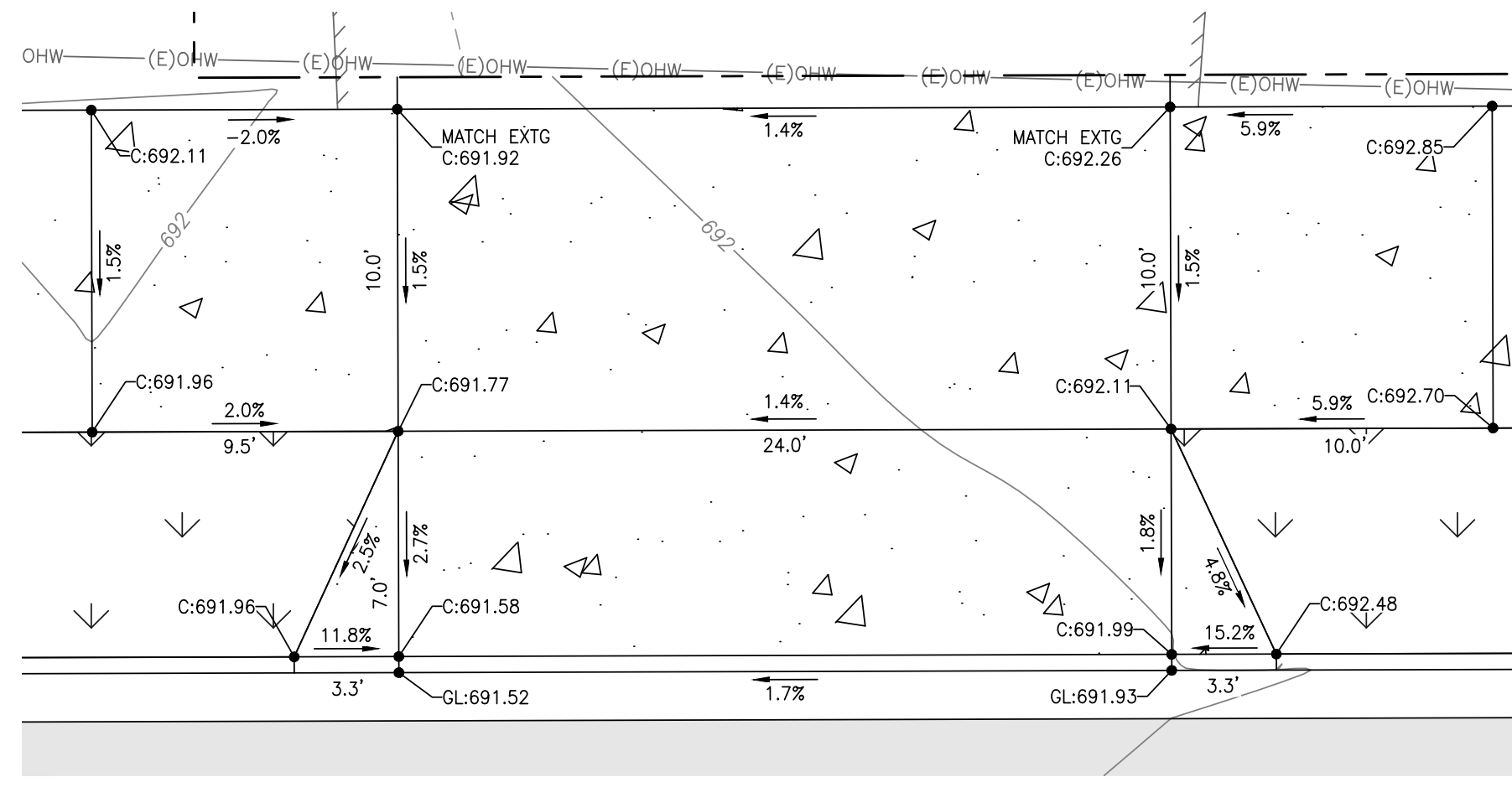
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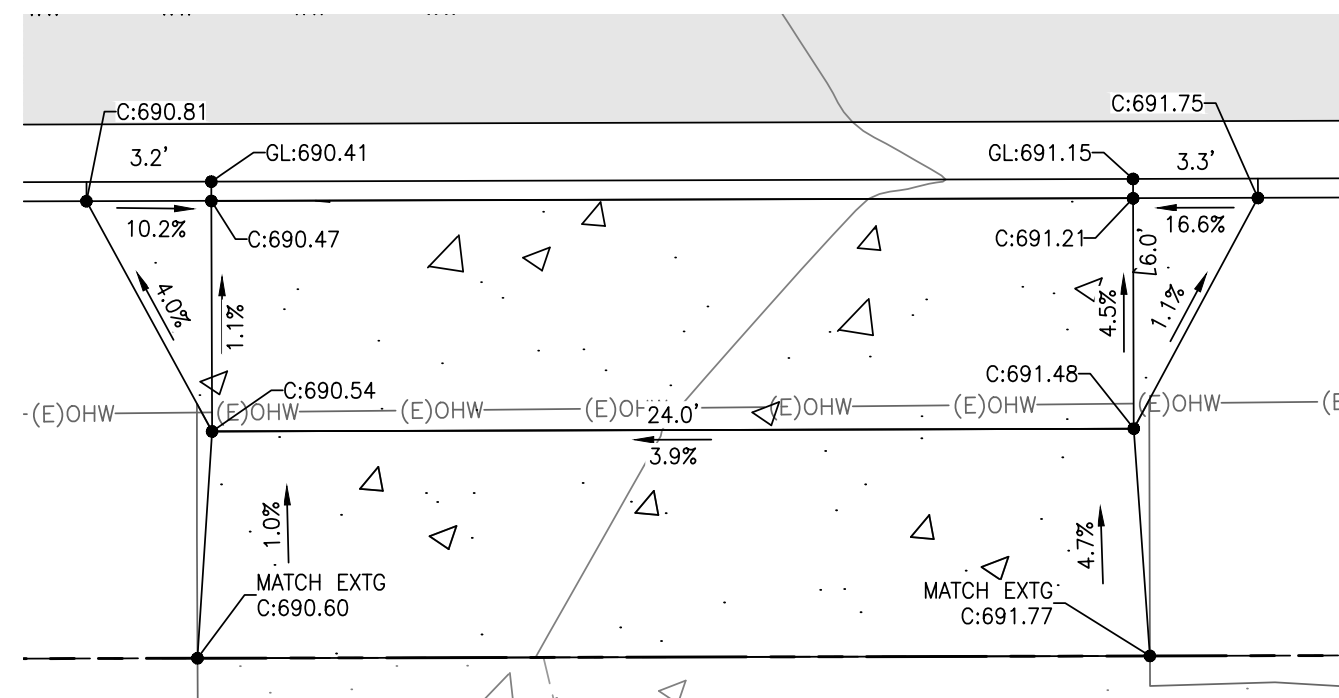
DRIVEWAY #2 STA 3+74.0



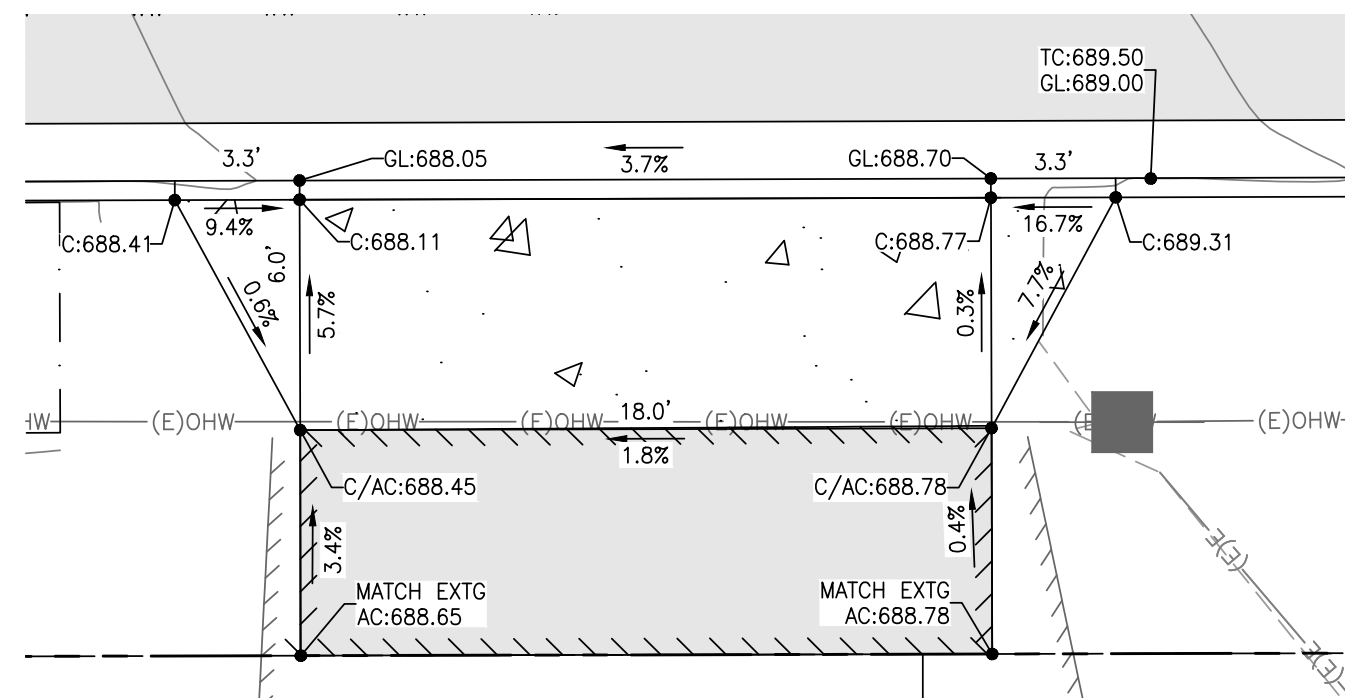
DRIVEWAY #3 STA 5+41.5



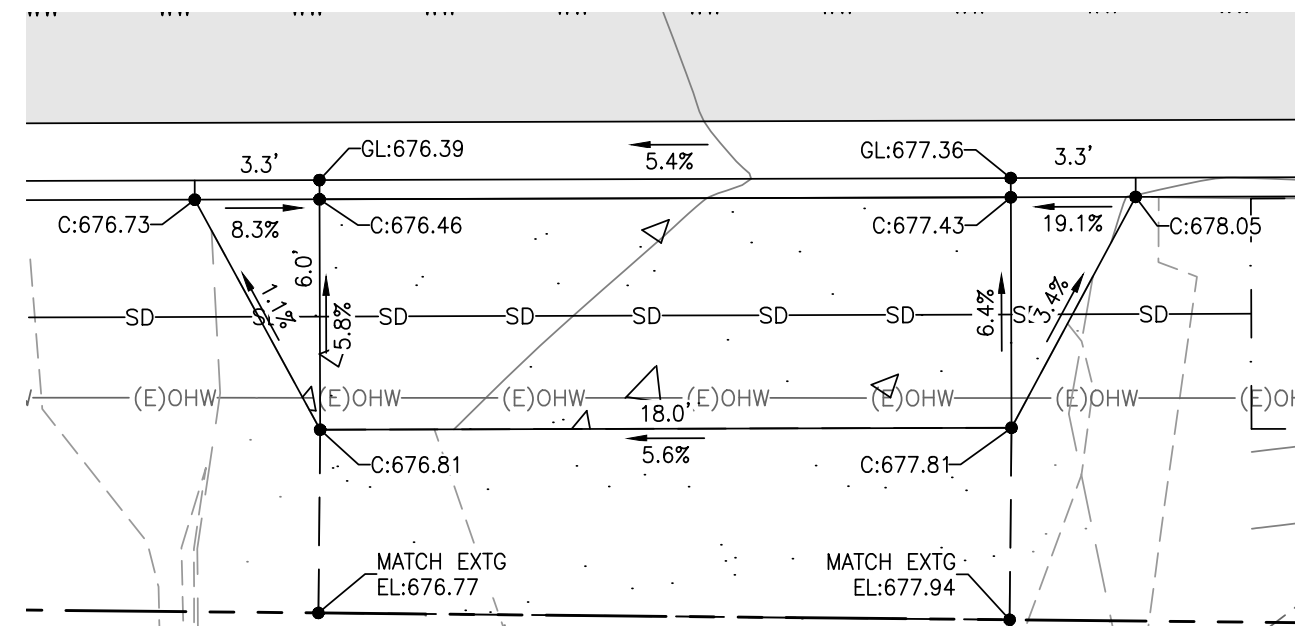
DRIVEWAY #4 STA 5+41.9



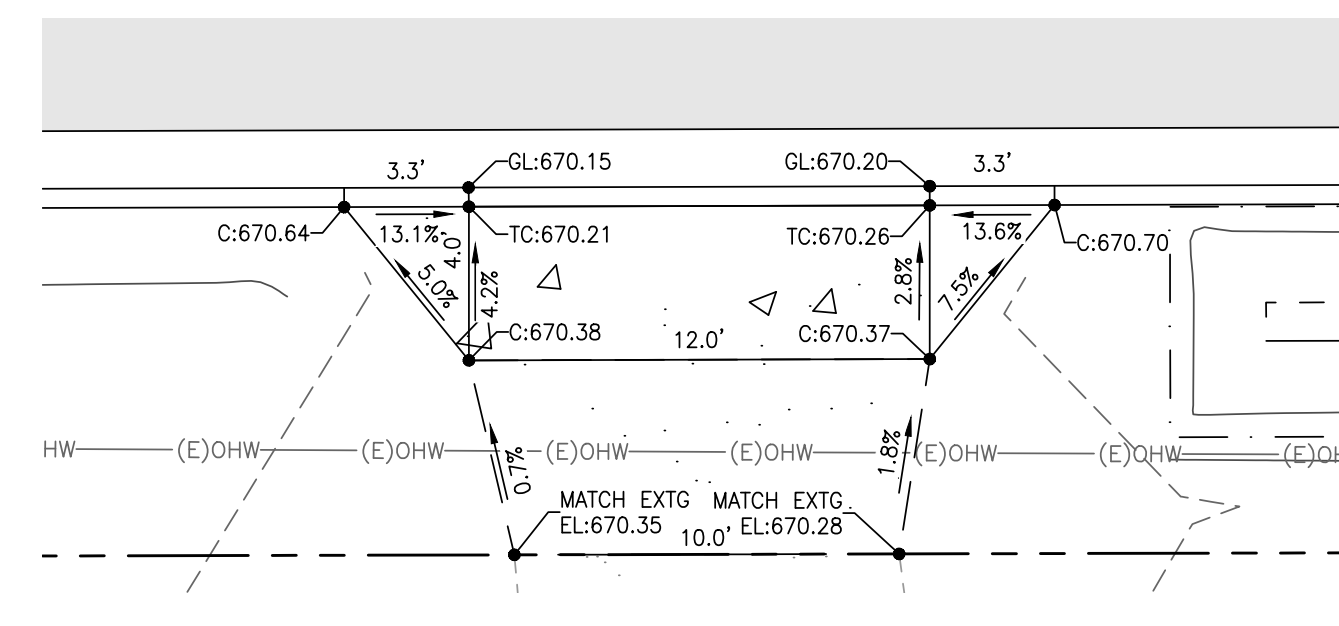
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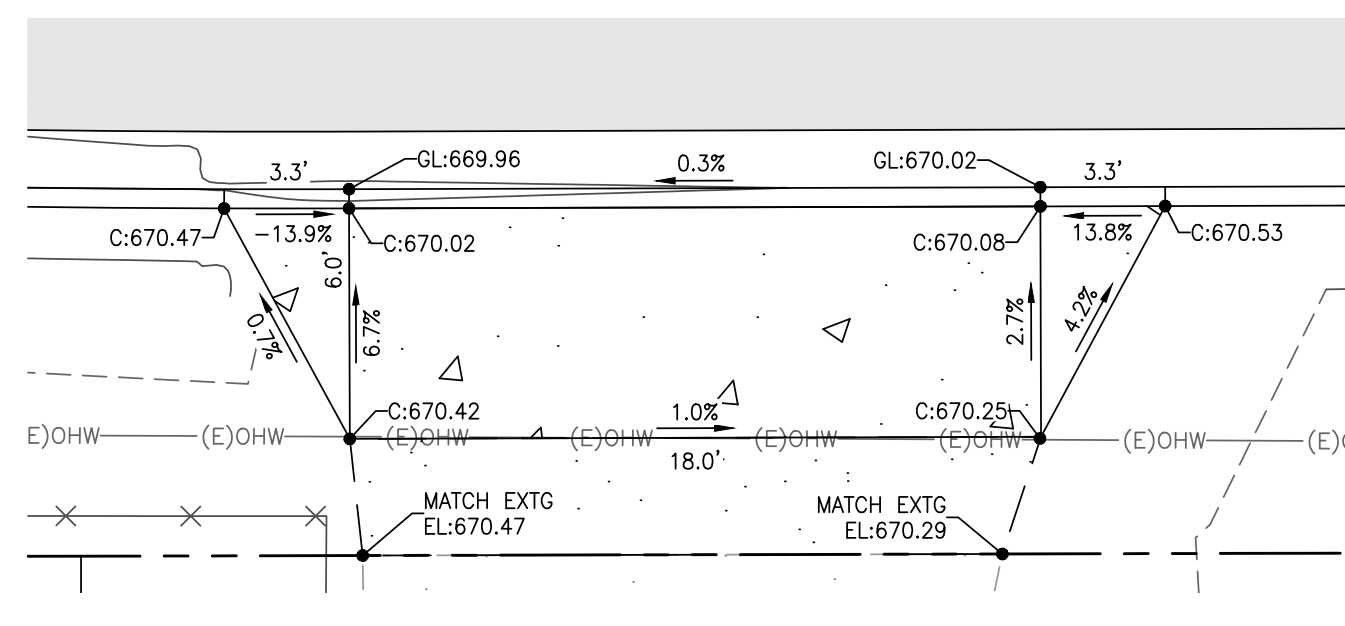
DRIVEWAY #6 STA 6+59.3



DRIVEWAY #7 STA 8+53.5



DRIVEWAY #8 STA 11+38.6



DRIVEWAY #9 STA 11+92.1

LEGEND

	CONCRETE
	GRAVEL
	ASPHALT

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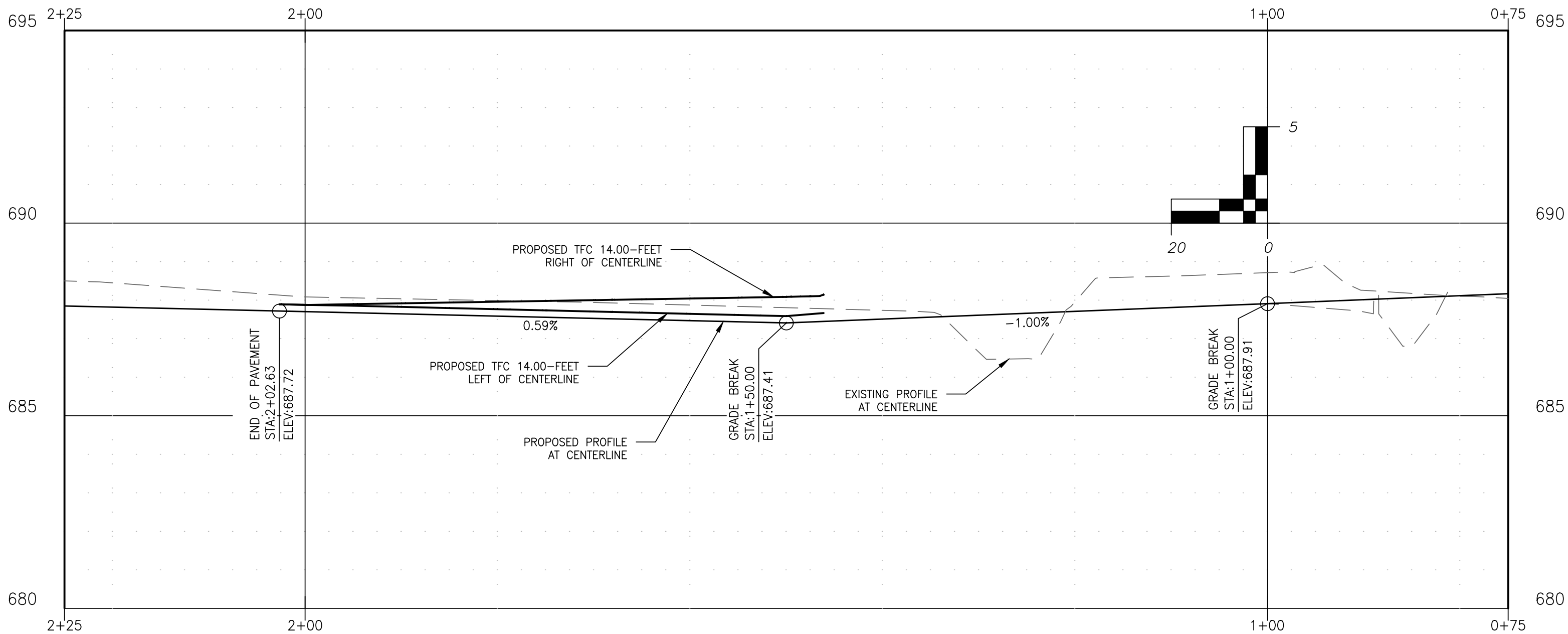
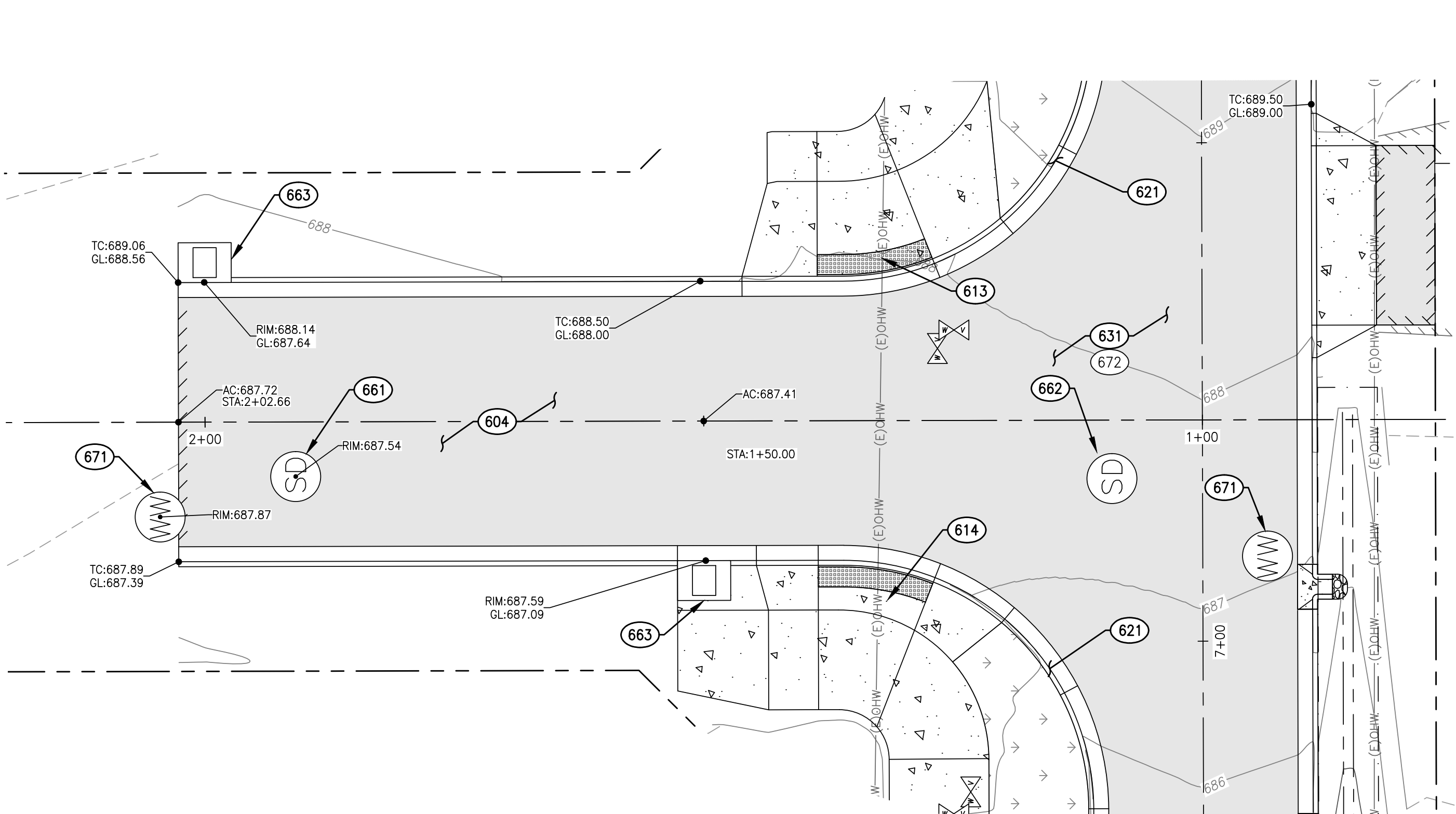
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1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
CLEVELAND STREET DRIVEWAY APRON GRADING PLAN			Sheet No. C2.15
DRAWN BY: JAD/JRW	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C

Z:\2023\23-001C Cottage Grove South Road & Bridge Feasibility\Civil\Production Drawings\Construction Sheets\23-001C.C.C.G. CIP.dwg 12/8/2024 3:19 PM ANDREWS

CONSTRUCTION NOTES:

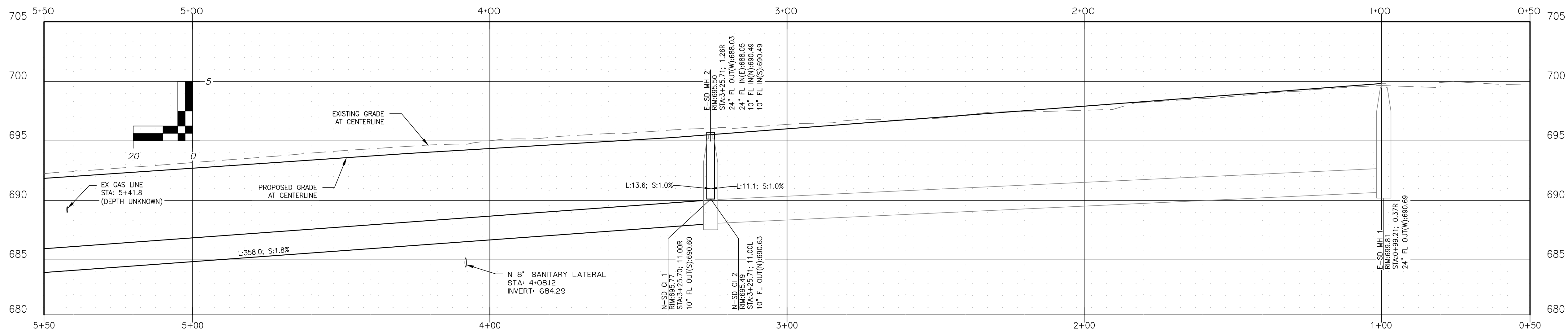
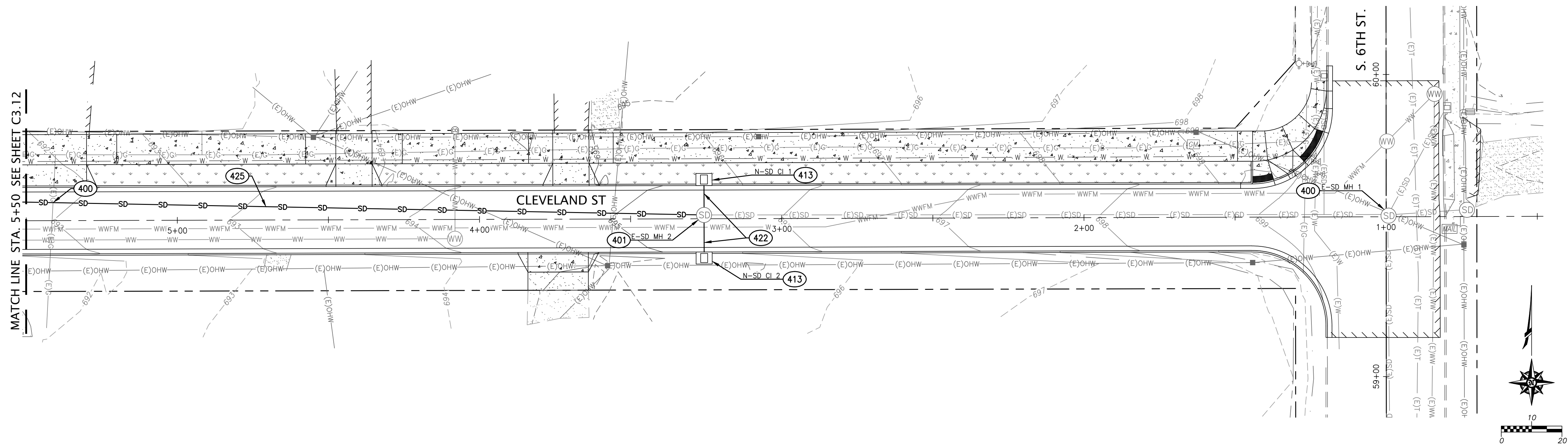
- 604 CONSTRUCT PAVEMENT SECTION, CURB & GUTTER AND SIDEWALK PER CROSS SECTION 4, SHEET C0.03.
- 613 INSTALL CURB AND RAMP, PER DETAIL 2 SHEET C2.14
- 614 INSTALL CURB RAMP. PER DETAIL 3, SHEET C2.14
- 621 CONSTRUCT 6" TALL 24" CURB AND GUTTER OVER 12" OF AGGREGATE PER ODOT STANDARD DRAWING RD700, SHEET C6.02
- 631 PAVEMENT BASE COURSE SHALL BE ASPHALT CONCRETE, 2" LIFT OF LEVEL 2, 1/2" DENSE HMAC. WEARING COURSE SHALL BE ASPHALT CONCRETE 2" LIFT OF LEVEL 2, 1/2" DENSE HMAC. FOLLOW 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION. COMPACT ALL COURSES TO A MINIMUM OF 91% RICE GRAVITY OR GREATER. OFFSET JOINT OF EACH COURSE OF ASPHALT CONCRETE BY 2 FEET SO JOINTS DO NOT MATCH PER 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- 661 NEW 48" STORMWATER MANHOLE, PER STORMWATER SEWER PLAN.
- 662 NEW 60" STORMWATER MANHOLE, PER STORMWATER SEWER PLAN.
- 663 INSTALL CURB INLET, PER STORMWATER SEWER PLAN.
- 671 NEW 48" SANITARY MANHOLE, PER STORMWATER SEWER PLAN.
- 672 BASE ROCK SHALL BE 12" MIN. 1"-0" CRUSHED ROCK AGGREGATE. AGGREGATE SHALL BE COMPACTED TO 95% RELATIVE MAXIMUM DENSITY AS DETERMINED BY ASHTO T-180. FOLLOW 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.



REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT		
GRADING PLAN AND PROFILE S. 4TH ST. STA. 0+75 TO 2+00 AND S.4TH ST./CLEVELAND ST. INTERSECTION		
DRAWN BY: JAD/JRW	CHECKED BY: AWMS	DATE: 12/12/2024
JOB No. 23-001C		Sheet No. C2.16

400	POTHOLE EXISTING UTILITY LINE. AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES. COORDINATE WITH UTILITY COMPANY IF ADJUSTMENTS ARE REQUIRED.
401	CONNECT PROPOSED PIPES INTO EXISTING MANHOLE. ENGINEER TO INSPECT FLOWLINE LOCATIONS PRIOR TO CORE DRILLING.
402	EXISTING STORM DRAIN MANHOLE TO BE ADJUSTED TO PROPOSED FINISHED GRADE.
413	FURNISH AND INSTALL STANDARD CURB INLET PER ODOT STANDARD DRAWING RD372, C6.06.
422	FURNISH AND INSTALL 10" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER ODOT STANDARD DRAWING RD300, SHEET C6.01
425	FURNISH AND INSTALL 24" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER ODOT STANDARD DRAWING RD300, SHEET C6.01

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CLEVELAND STREET
CAPITAL IMPROVEMENT PROJECT

STORMWATER PLAN AND PROFILE
AND 6TH ST

DRAWN BY: JAD

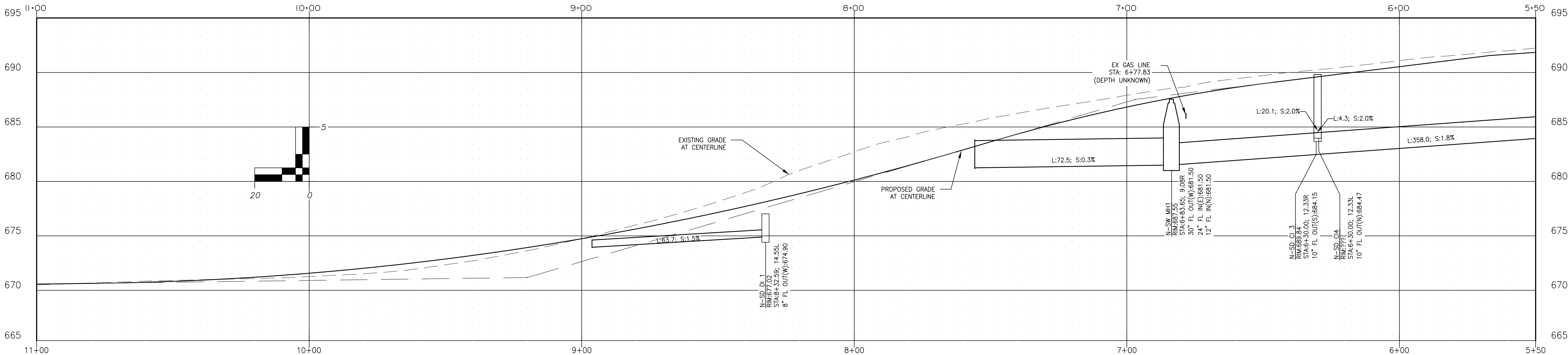
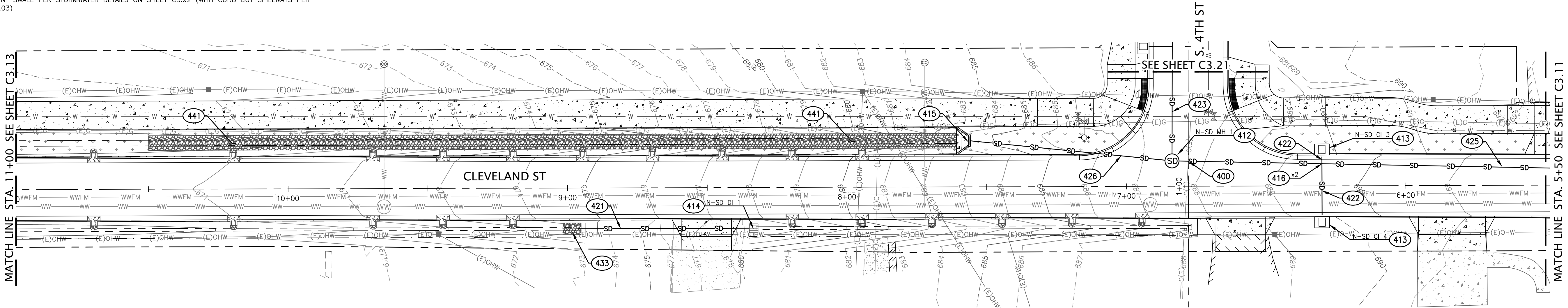
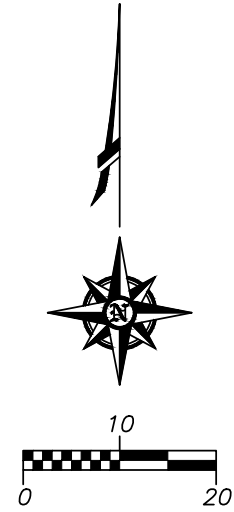
CHECKED BY:
AWM

DATE:
12/12/2024

Sheet No. **C3.11**

CONSTRUCTION NOTES:

- 400 POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES. COORDINATE WITH UTILITY COMPANY IF ADJUSTMENTS ARE REQUIRED.
- 412 FURNISH AND INSTALL 60" STORM MANHOLE PER ODOT STANDARD DRAWING RD335, SHEET C6.01
- 413 FURNISH AND INSTALL STANDARD CURB INLET PER ODOT STANDARD DRAWING RD372, C6.06.
- 414 FURNISH AND INSTALL DITCH INLET PER ODOT STANDARD DRAWING RD 370, SHEET C6.06
- 415 INSTALL CONCRETE HEADWALL PER DETAILS 2 AND 3 ON SHEET C6.03 OR ENGINEER APPROVED ALTERNATIVE
- 416 CONNECT 10" STORMWATER PIPES DIRECTLY INTO 24" STORMWATER PIPE
- 421 FURNISH AND INSTALL 8" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER ODOT STANDARD DRAWING RD300, SHEET C6.01
- 422 FURNISH AND INSTALL 10" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER ODOT STANDARD DRAWING RD300, SHEET C6.01
- 423 FURNISH AND INSTALL 12" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER ODOT STANDARD DRAWING RD300, SHEET C6.01
- 425 FURNISH AND INSTALL 24" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER ODOT STANDARD DRAWING RD300, SHEET C6.01
- 426 FURNISH AND INSTALL 30" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER ODOT STANDARD DRAWING RD300, SHEET C6.01
- 433 INSTALL CLASS 50 RIPRAP OUTFALL PROTECTION. DIMENSIONS SHALL BE 12" DEEP x 4' WIDE x 4' LONG. INSTALL FABRIC UNDER RIPRAP
- 441 CONSTRUCT TREATMENT SWALE PER STORMWATER DETAILS ON SHEET C3.92 (WITH CURB CUT SPILLWAYS PER DETAIL 1, SHEET C6.03)

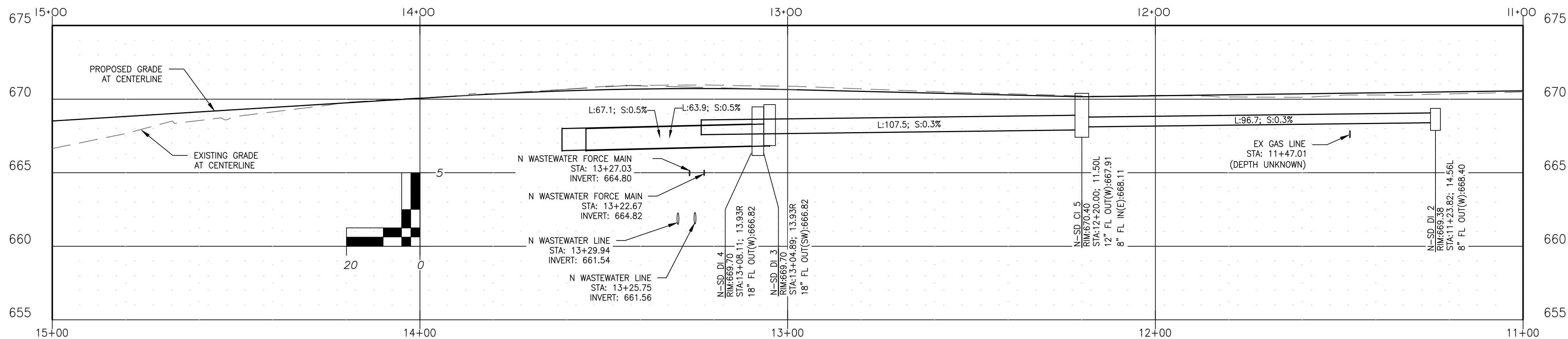
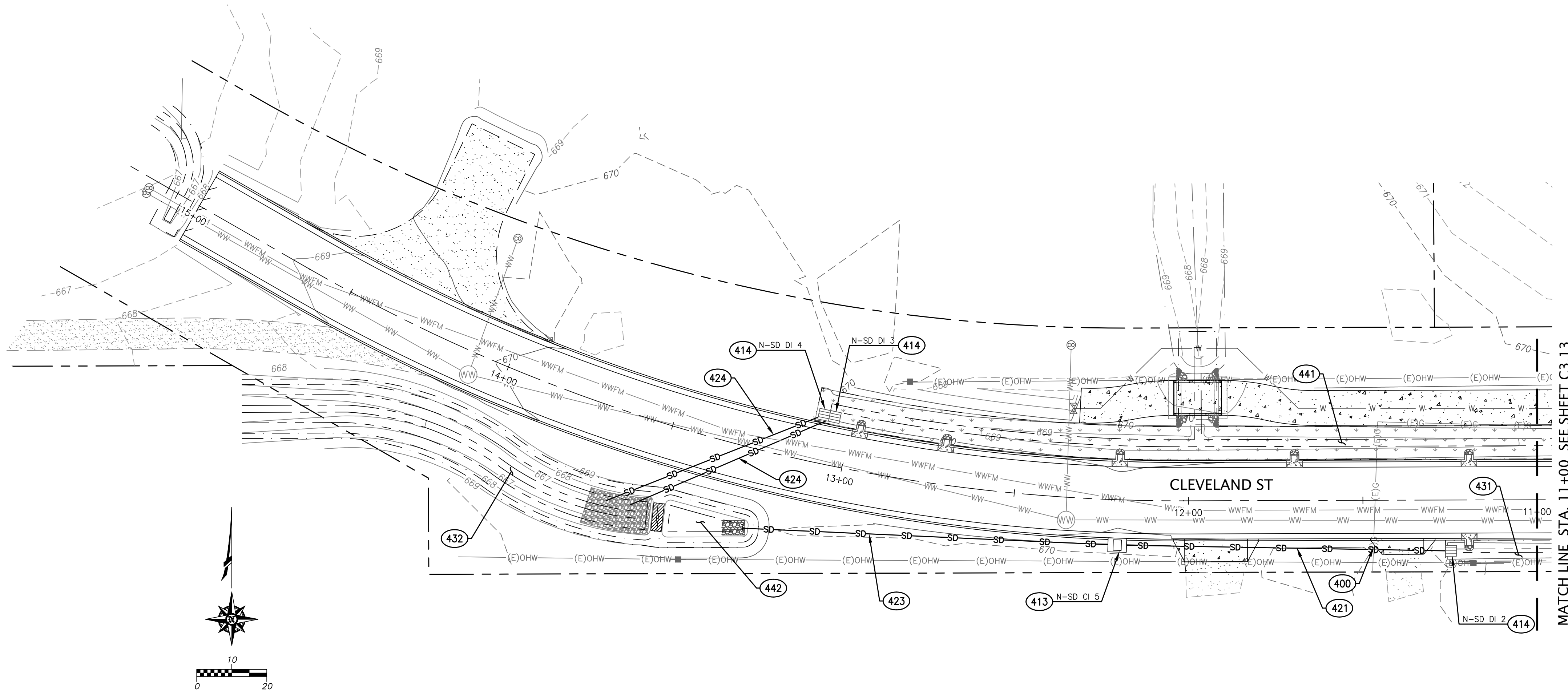


REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
STORMWATER PLAN AND PROFILE CLEVELAND ST. STA. 5+50 TO 11+00			Sheet No. C3.12
DRAWN BY: JAD	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C

CONSTRUCTION NOTES:

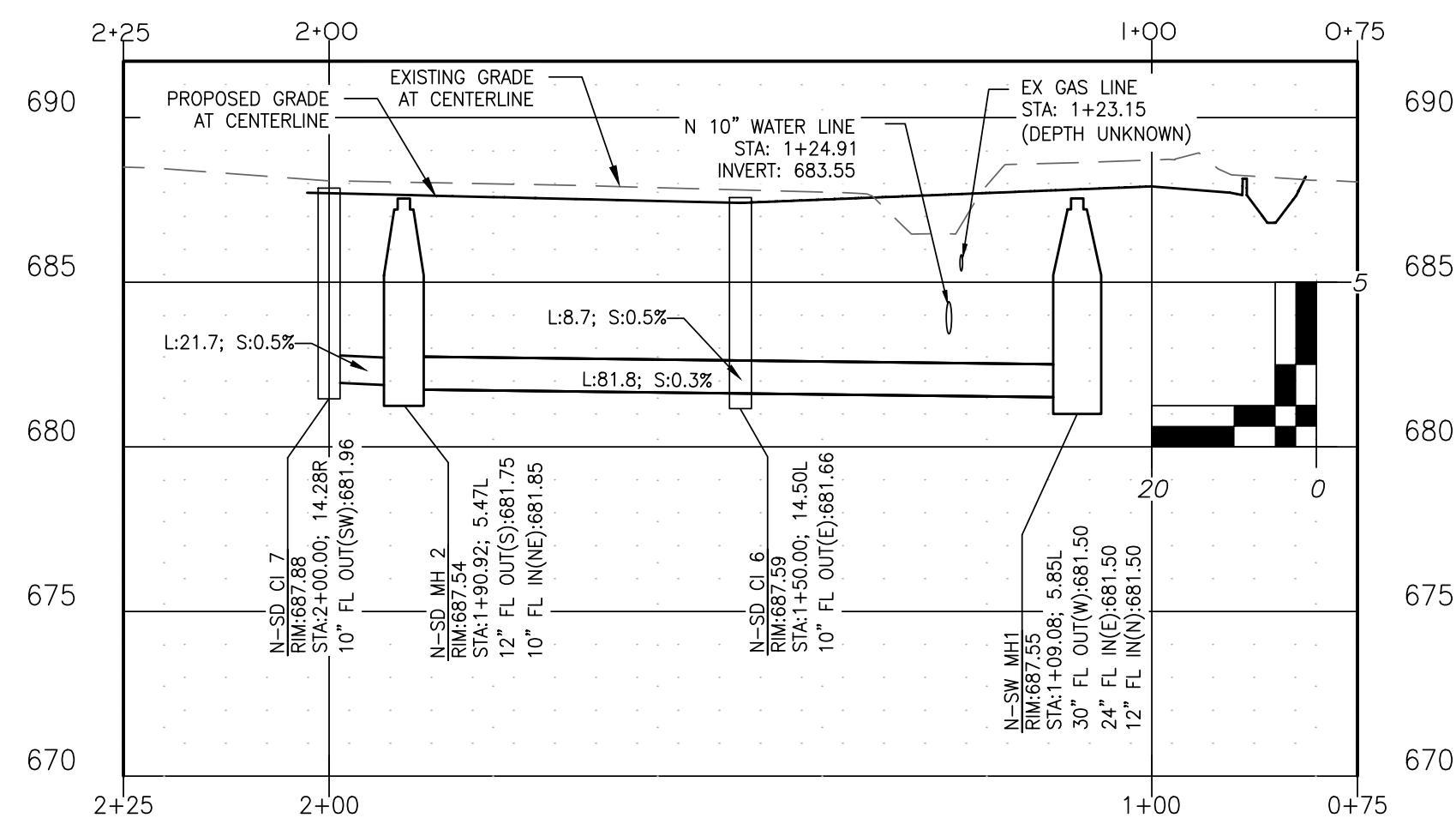
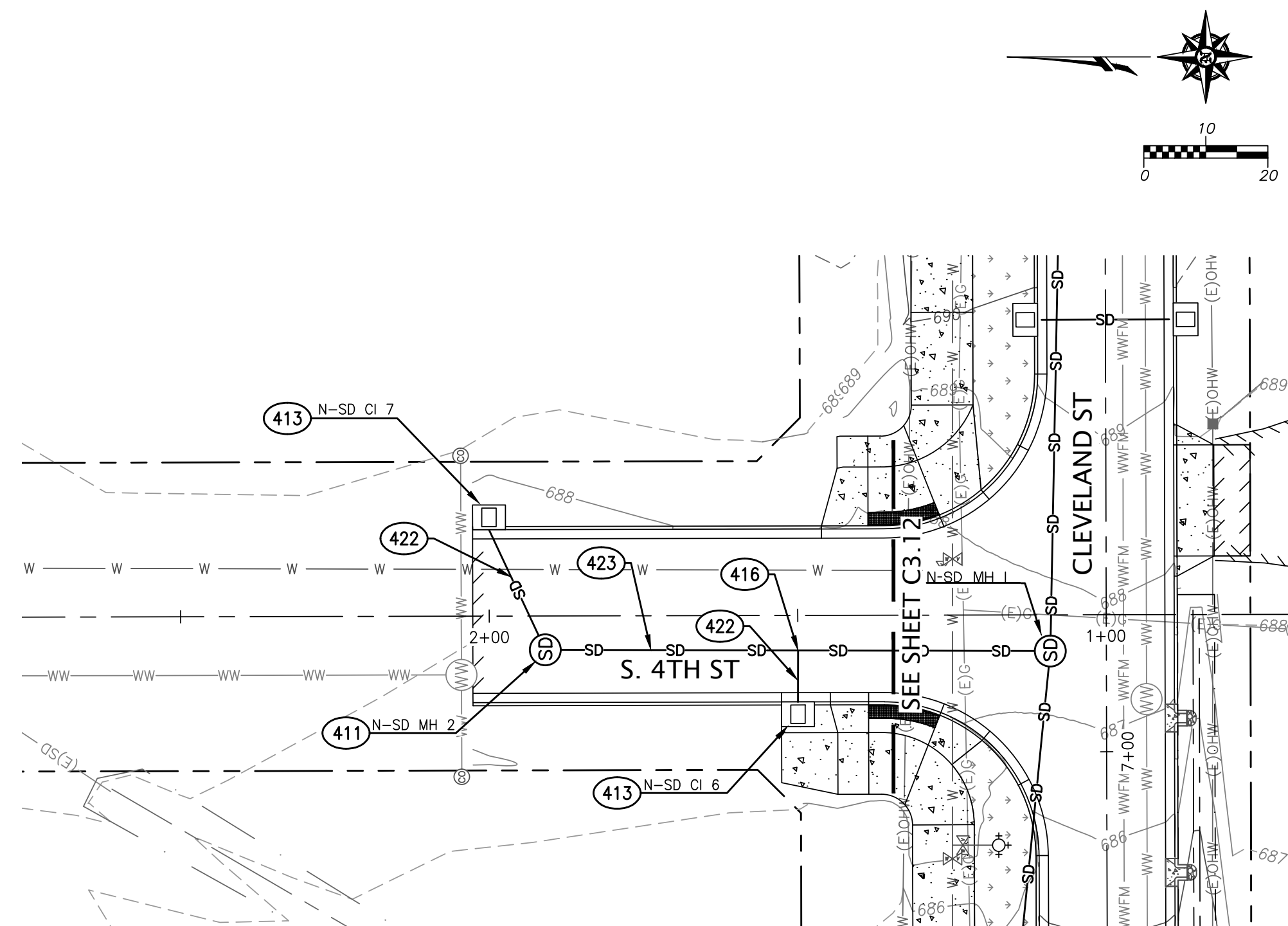
- 400 POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES. COORDINATE WITH UTILITY COMPANY IF ADJUSTMENTS ARE REQUIRED.
- 413 FURNISH AND INSTALL STANDARD CURB INLET PER ODOT STANDARD DRAWING RD372, C6.06.
- 414 FURNISH AND INSTALL DITCH INLET PER ODOT STANDARD DRAWING RD 370, SHEET C6.06
- 421 FURNISH AND INSTALL 8" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER ODOT STANDARD DRAWING RD300, SHEET C6.01
- 424 FURNISH AND INSTALL 18" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER ODOT STANDARD DRAWING RD300, SHEET C6.01
- 432 CONSTRUCT NEW CONVEYANCE CHANNEL PER STORMWATER DETAILS ON SHEET C3.91
- 441 CONSTRUCT TREATMENT SWALE PER STORMWATER DETAILS ON SHEET C3.92 (WITH CURB CUT SPILLWAYS PER DETAIL 1, SHEET C6.03)
- 442 CONSTRUCT INFILTRATION RAIN GARDEN PER STORMWATER DETAILS ON SHEET C3.91



REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
STORMWATER PLAN AND PROFILE CLEVELAND ST. STA. 11+00 TO 15+00			Sheet No. C3.13
DRAWN BY: JAD	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C

411	FURNISH AND INSTALL 48" STORM MANHOLE PER ODOT STANDARD DRAWING RD335, SHEET C6.01
413	FURNISH AND INSTALL STANDARD CURB INLET PER ODOT STANDARD DRAWING RD372, C6.06.
416	CONNECT 10" STORMWATER PIPES DIRECTLY INTO 24" STORMWATER PIPE
422	FURNISH AND INSTALL 10" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER ODOT STANDARD DRAWING RD300, SHEET C6.01
423	FURNISH AND INSTALL 12" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER ODOT STANDARD DRAWING RD300, SHEET C6.01

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CLEVELAND STREET
CAPITAL IMPROVEMENT PROJECT

STORMWATER PLAN AND PROFILE
S. 4th ST. STA. 0+75 to 2+26

Sheet No. **C3.21**

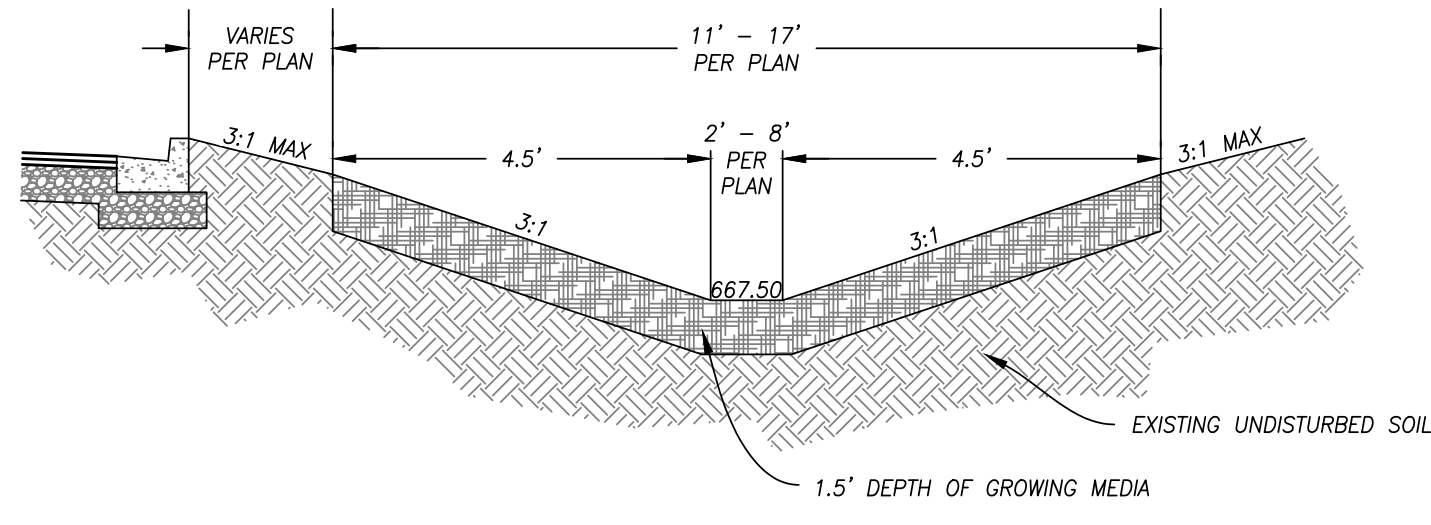
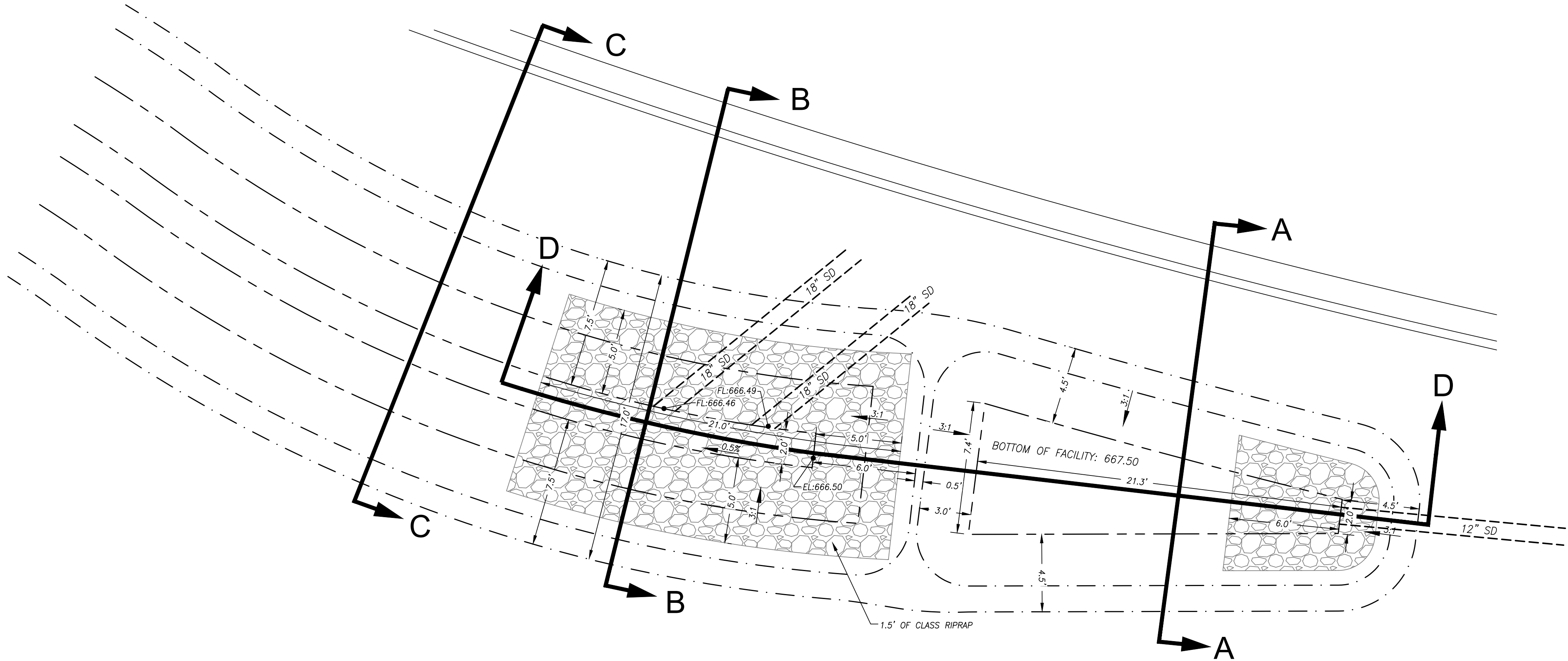
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CHECKED BY:
AWMS

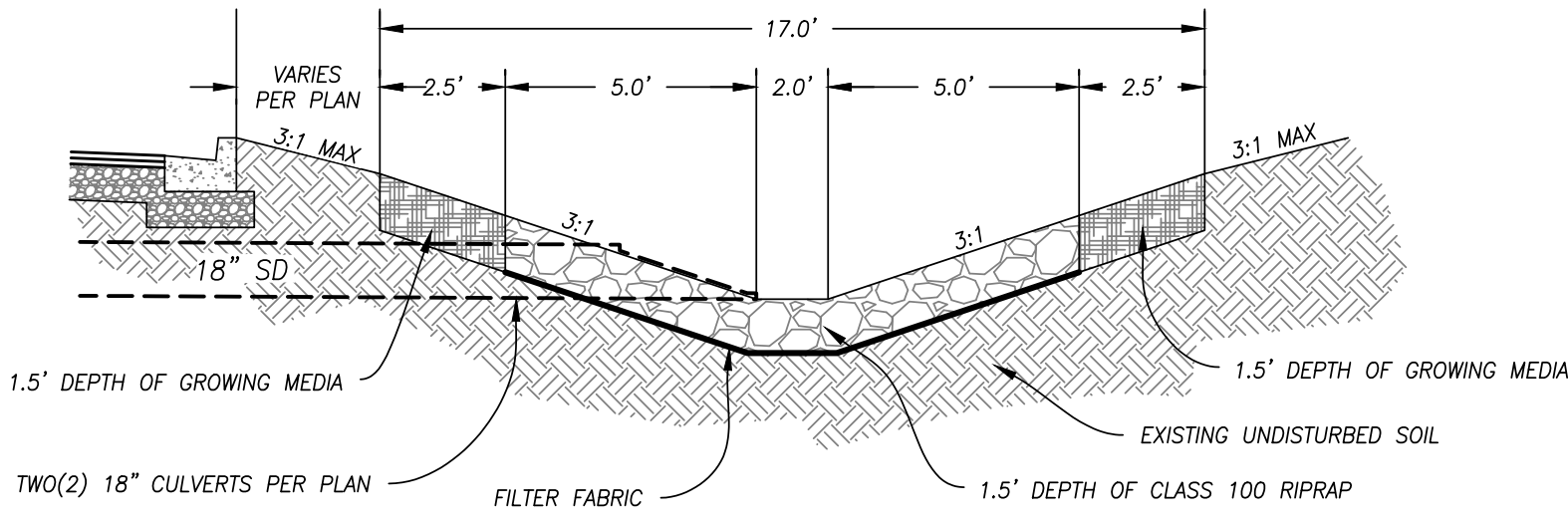
DATE:	12/12/2024
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24	JOB No.	23-001C
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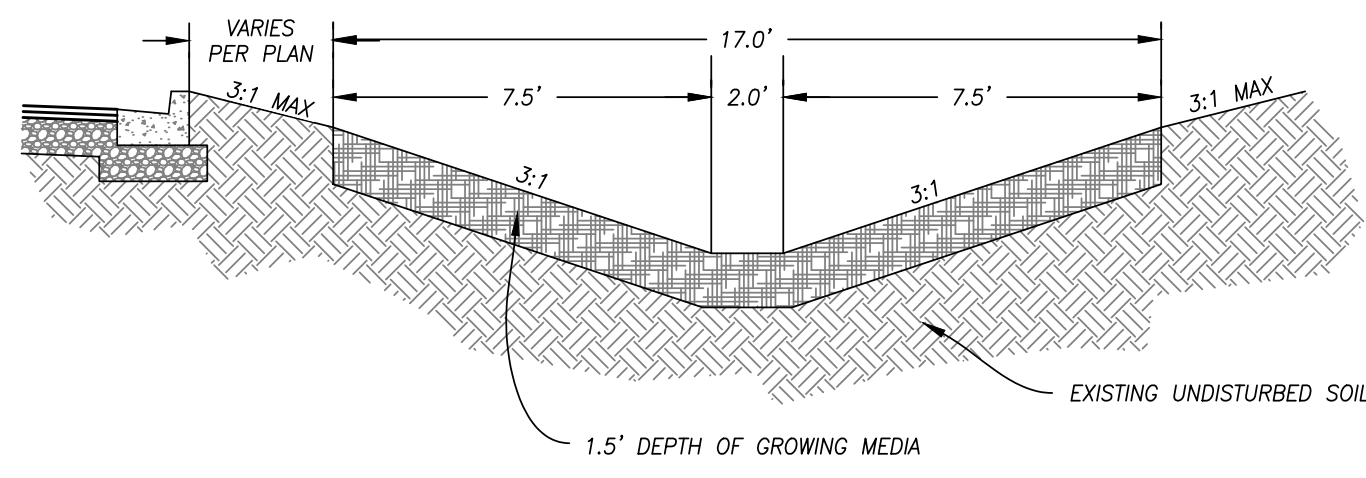
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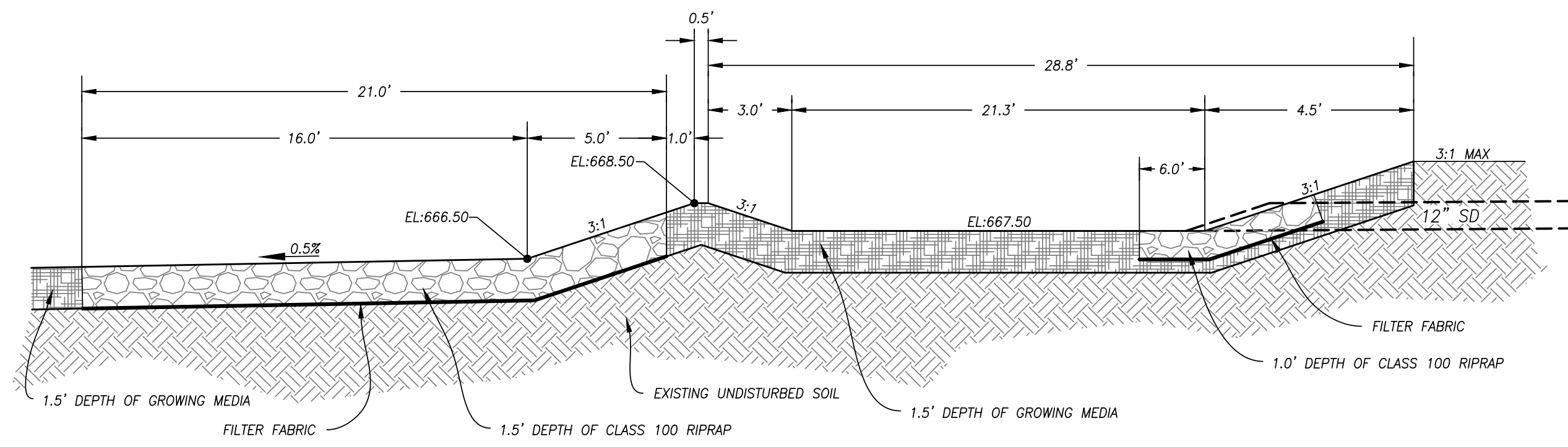
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B-B NTS



C-C NTS

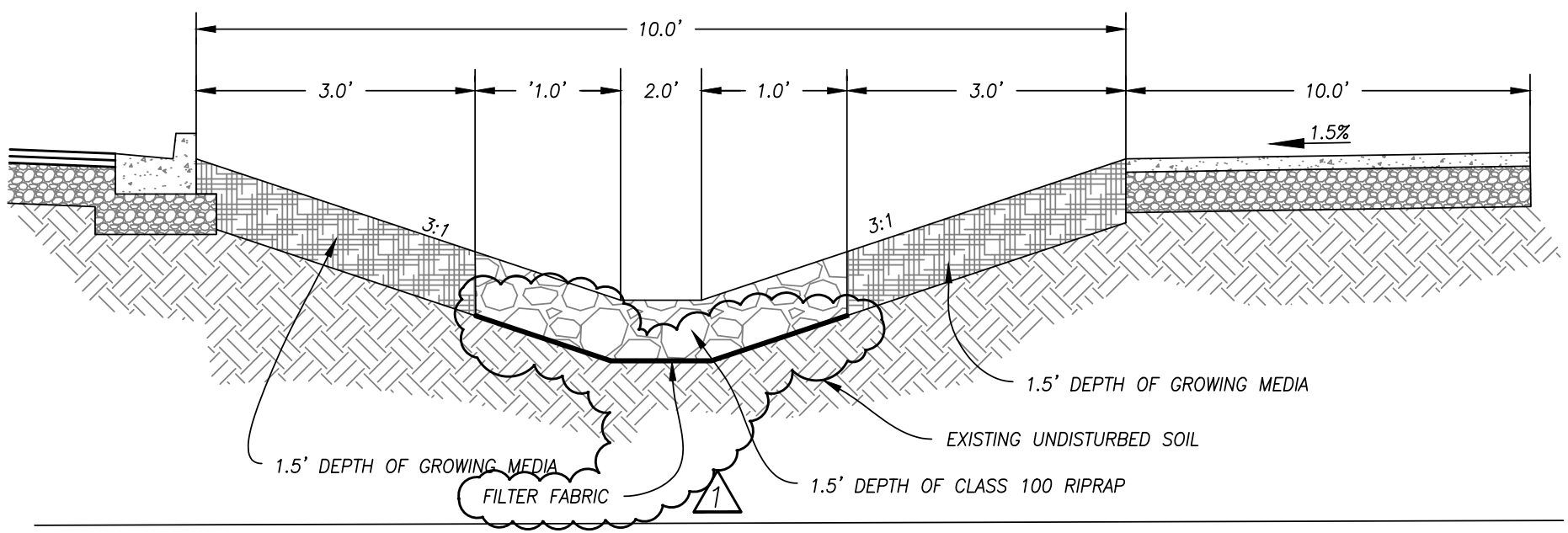
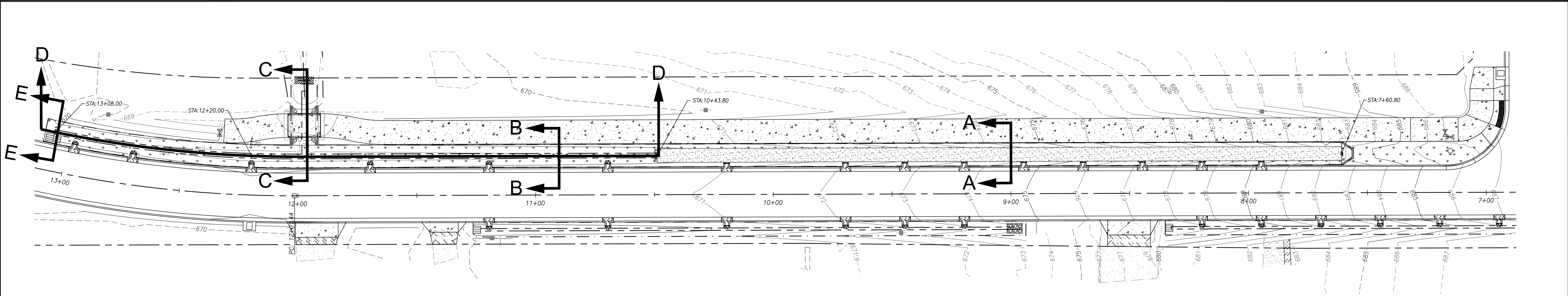


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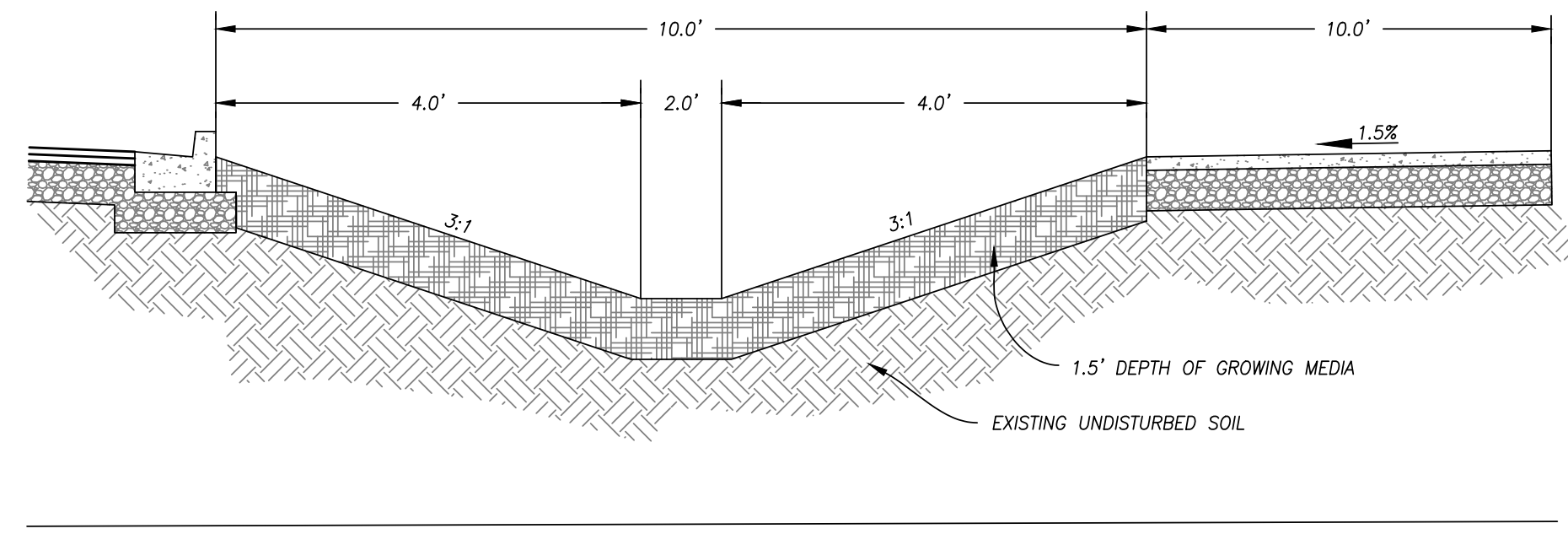


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No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

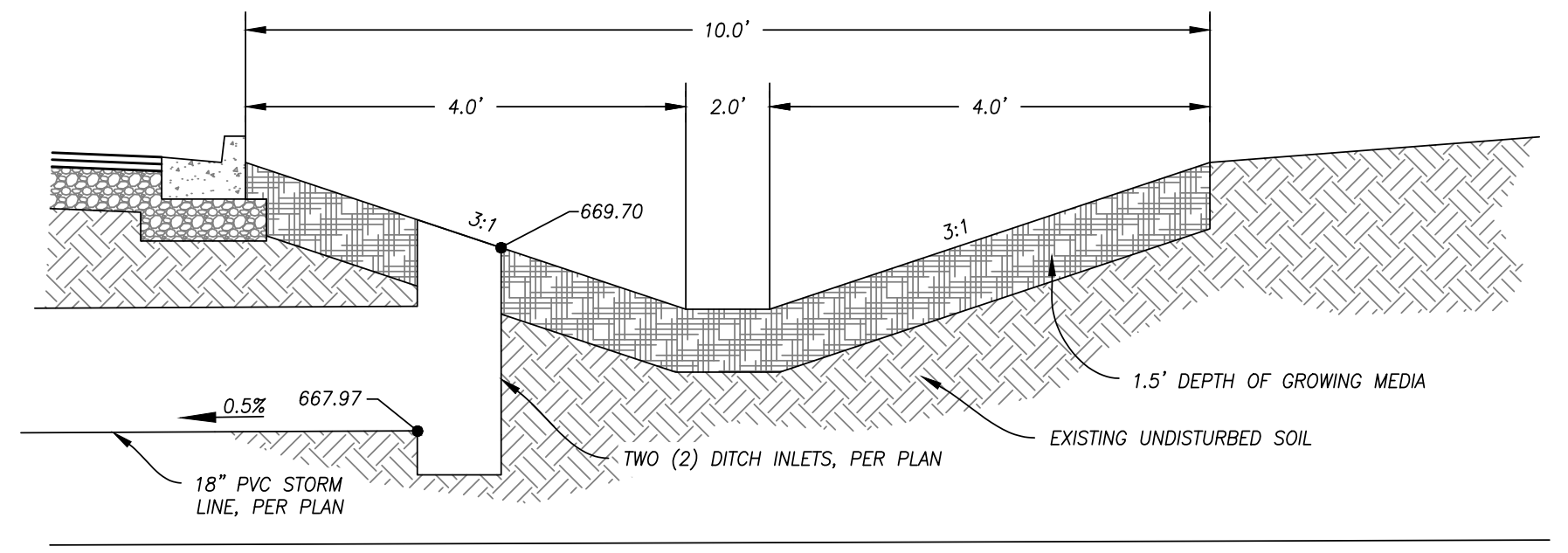
CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
TREATMENT POND AND CONVEYANCE CHANNEL DETAIL 1			Sheet No. C3.91
DRAWN BY: JRW	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C



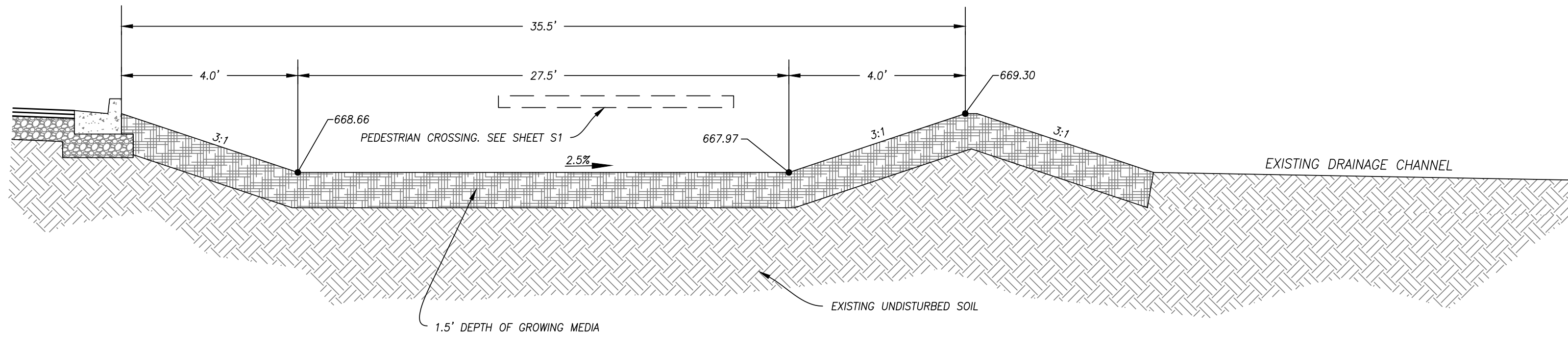
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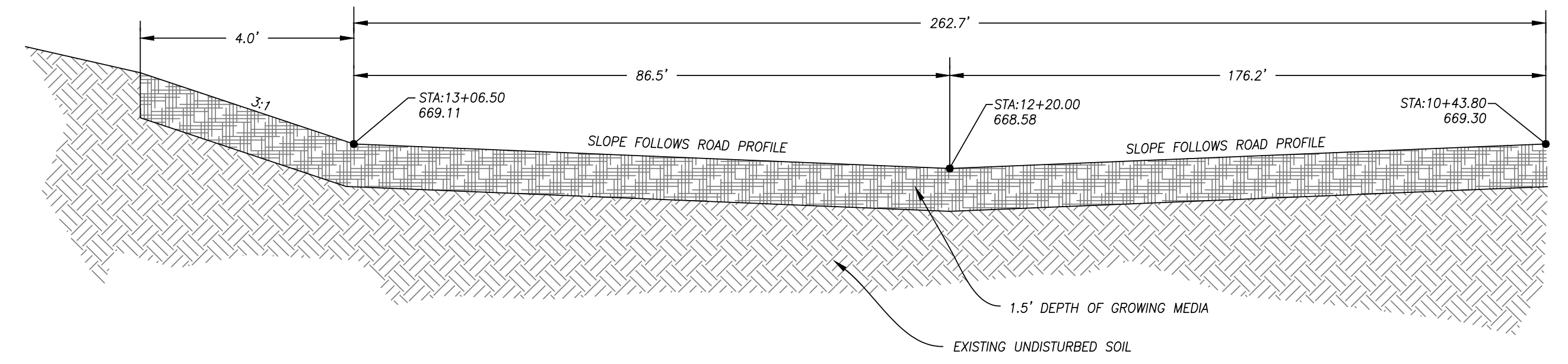
B-B
STA:10+43.80 TO STA:13+06.50



E-E



C-C



D-D

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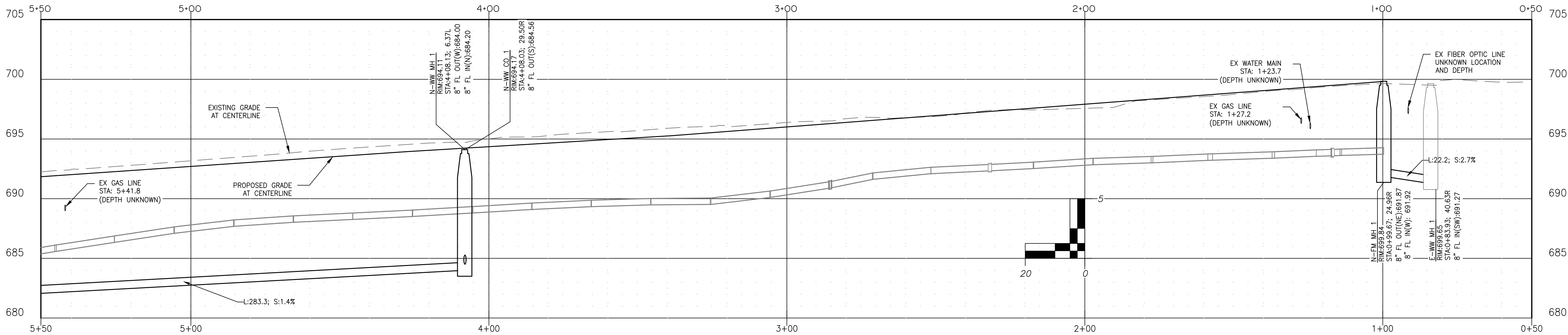
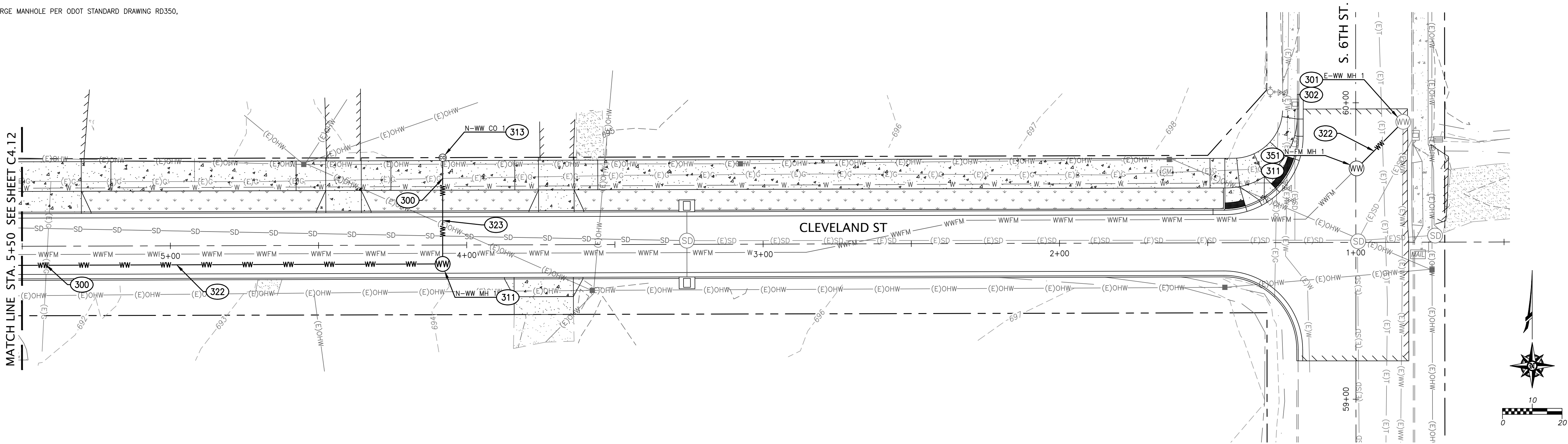
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No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
TREATMENT POND AND CONVEYANCE CHANNEL DETAIL 2			Sheet No. C3.92
DRAWN BY: JRW	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C

CONSTRUCTION NOTES:

- 300 POT HOLE EXISTING UTILITY AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES. COORDINATE WITH UTILITY COMPANY IF ADJUSTMENTS ARE REQUIRED
- 301 ADJUST RIM TO MATCH PROPOSED GRADE
- 302 CONNECT PROPOSED PIPES INTO EXISTING SANITARY MANHOLE. ENGINEER TO INSPECT FLOWLINE LOCATIONS PRIOR TO CORE DRILLING.
- 311 FURNISH AND INSTALL 48" SANITARY SEWER MANHOLE PER ODOT STANDARD DRAWING RD338, SHEET C6.05
- 313 FURNISH AND INSTALL 8" SANITARY SEWER CLEANOUT PER ODOT STANDARD DRAWING RD362, SHEET C6.05
- 322 FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE W/ TRACER WIRE PER ODOT STANDARD DRAWING RD300, SHEET C6.01
- 323 FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE AT 1.0% SLOPE W/ TRACER WIRE PER OREGON STANDARD DRAWING RD300, SHEET C6.01
- 351 FURNISH AND INSTALL FORCE MAIN DISCHARGE MANHOLE PER ODOT STANDARD DRAWING RD350, SHEET C6.05



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1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT

SANITARY SEWER PLAN AND PROFILE
CLEVELAND ST. STA. 0+50 TO 5+50

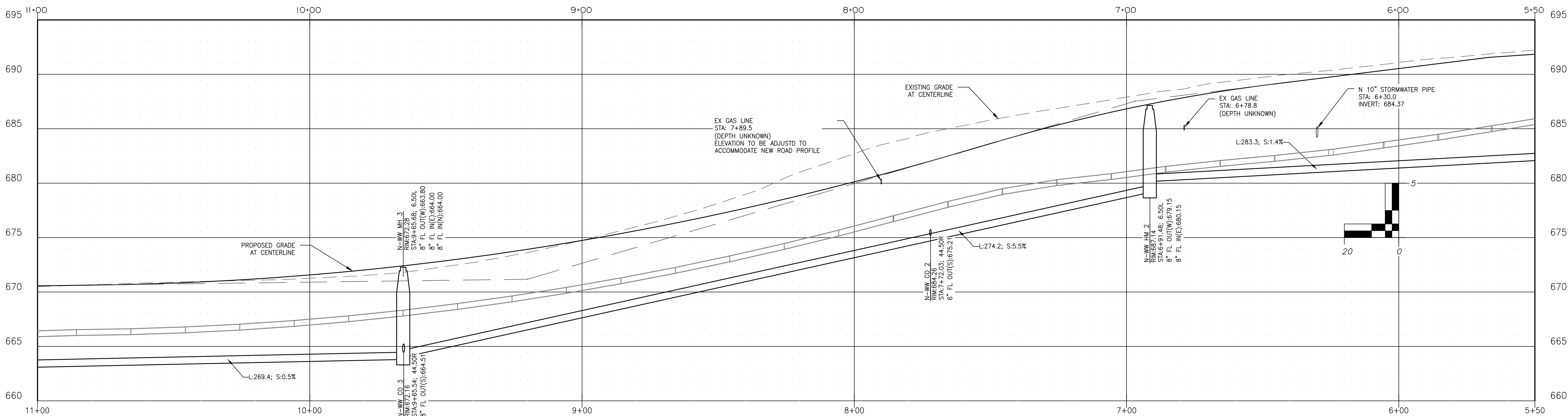
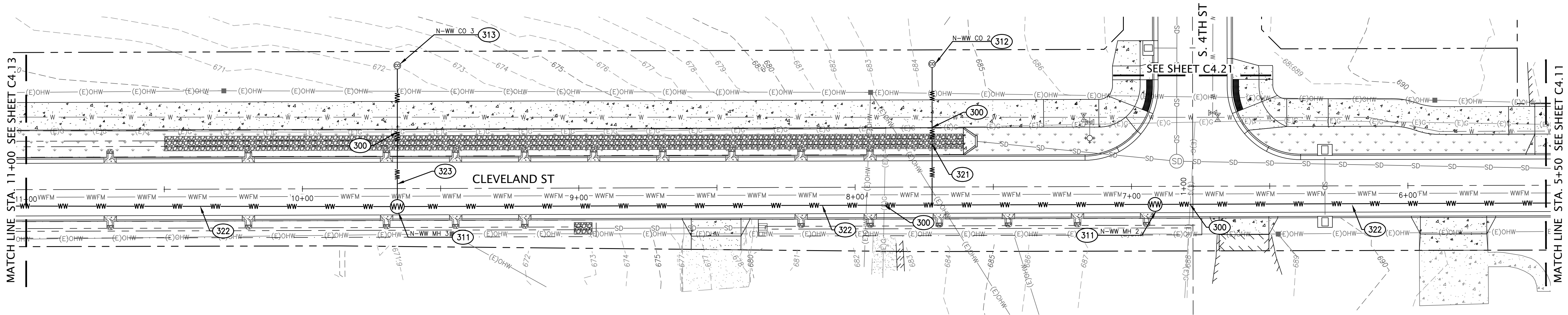
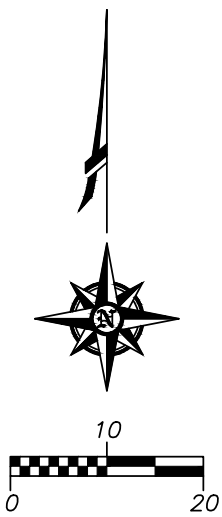
DRAWN BY: JAD
CHECKED BY: AWMS
DATE: 12/12/2024

Sheet No. **C4.11**

JOB No. 23-001C

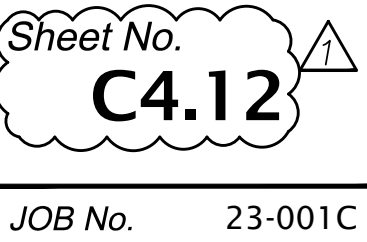
CONSTRUCTION NOTES:

- 300 POT HOLE 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 DRAWING RD336, SHEET C6.05
- 312 FURNISH AND INSTALL 6" SANITARY SEWER CLEANOUT PER ODOT STANDARD DRAWING RD362, SHEET C6.05
- 313 FURNISH AND INSTALL 8" SANITARY SEWER CLEANOUT PER ODOT STANDARD DRAWING RD362, SHEET C6.05
- 321 FURNISH AND INSTALL 6" PVC SANITARY SEWER PIPE AT 1.0% SLOPE W/ TRACER WIRE PER OREGON STANDARD DRAWING RD300, SHEET C6.01
- 322 FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE W/ TRACER WIRE PER ODOT STANDARD DRAWING RD300, SHEET C6.01
- 323 FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE AT 1.0% SLOPE W/ TRACER WIRE PER OREGON STANDARD DRAWING RD300, SHEET C6.01



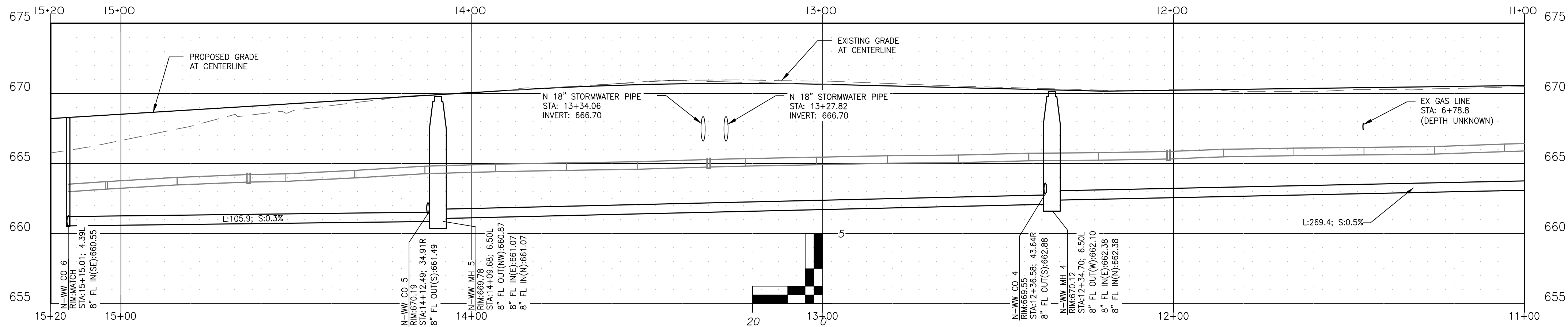
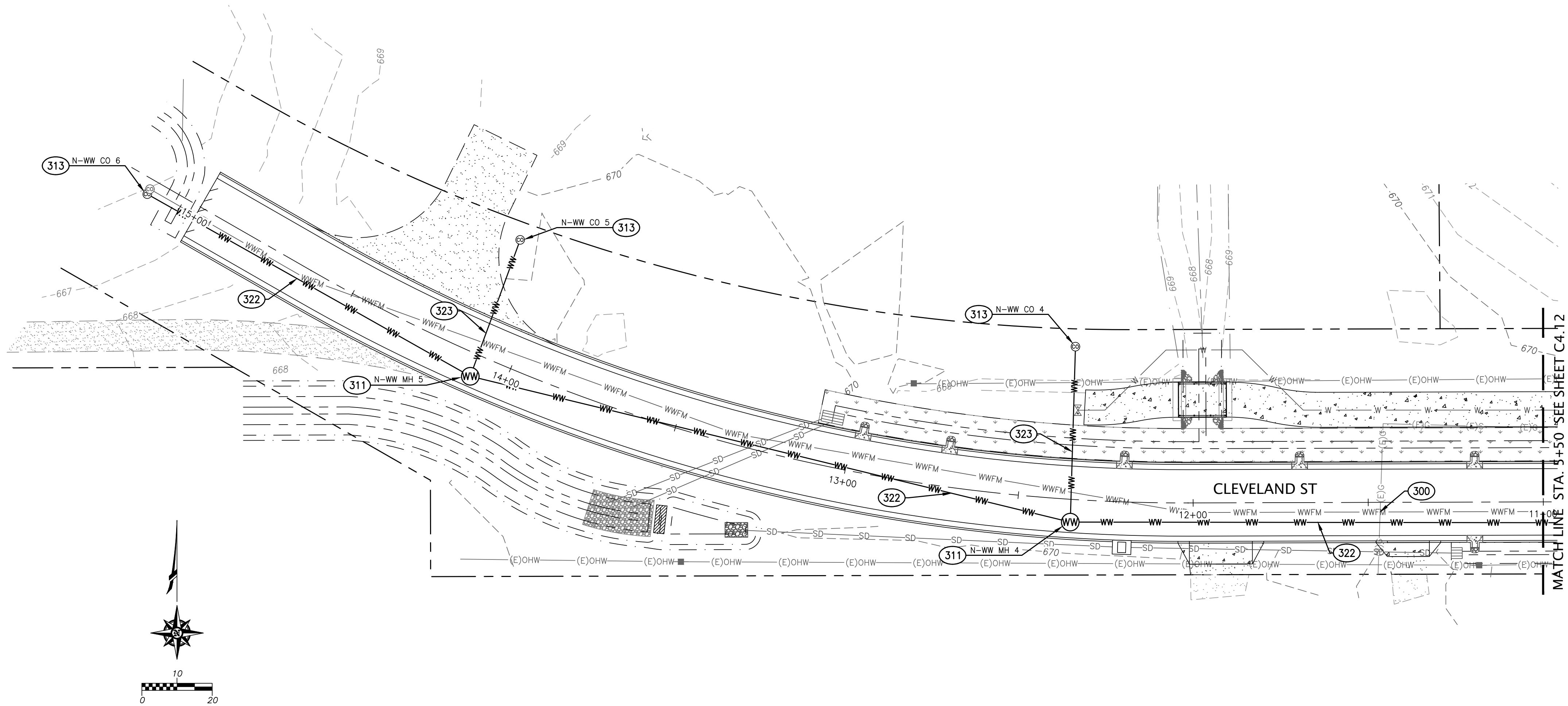
REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
SANITARY SEWER PLAN AND PROFILE CLEVELAND ST. STA. 5+50 TO 11+00			
DRAWN BY: JAD	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C



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 DRAWING RD338, SHEET C6.05
- 313 FURNISH AND INSTALL 8" SANITARY SEWER CLEANOUT PER ODOT STANDARD DRAWING RD362, SHEET C6.05
- 322 FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE W/ TRACER WIRE PER ODOT STANDARD DRAWING RD300, SHEET C6.01
- 323 FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE AT 1.0% SLOPE W/ TRACER WIRE PER OREGON STANDARD DRAWING RD300, SHEET C6.01

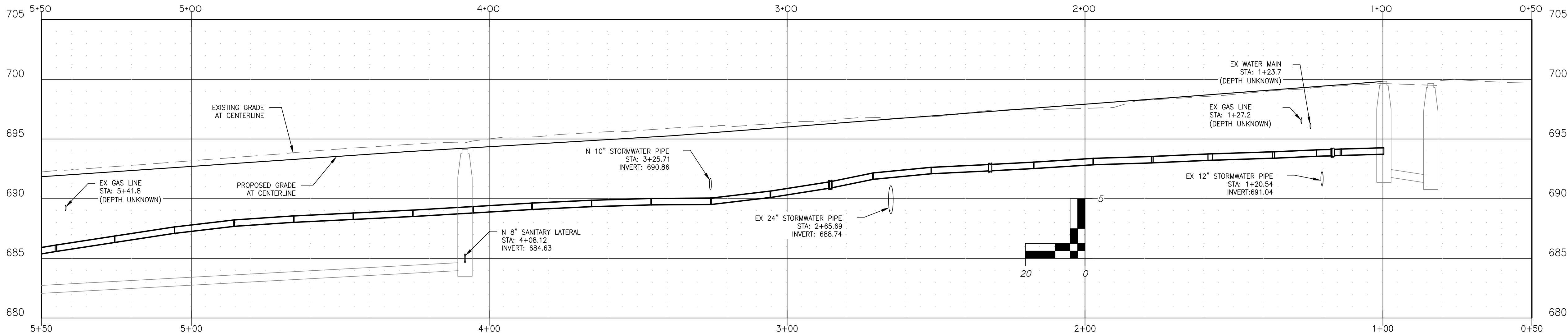
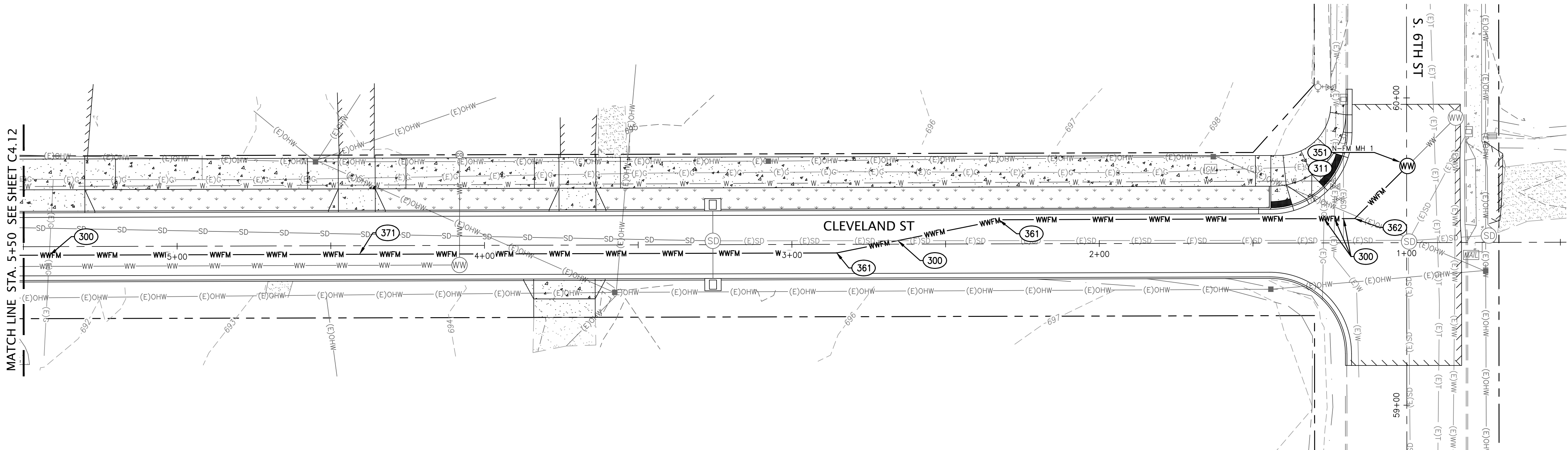
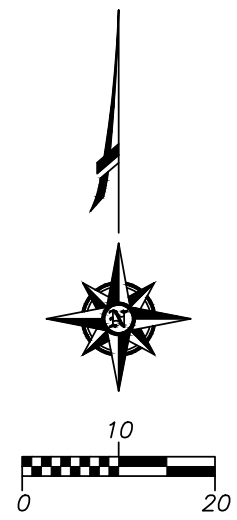


REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
SANITARY SEWER PLAN AND PROFILE CLEVELAND ST. STA. 11+00 TO 15+00			Sheet No. C4.13
DRAWN BY: JAD	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C

CONSTRUCTION NOTES:

- 300 POT HOLE EXISTING UTILITY AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES. COORDINATE WITH UTILITY COMPANY IF ADJUSTMENTS ARE REQUIRED
- 351 FURNISH AND INSTALL FORCE MAIN DISCHARGE MANHOLE PER ODOT STANDARD DRAWING RD350, SHEET C6.05
- 361 FURNISH AND INSTALL 4" 11.25" HORIZONTAL BEND. NO THRUST BLOCKING IS REQUIRED PER CITY OF COTTAGE GROVE DETAIL 402, SHEET C6.04
- 362 FURNISH AND INSTALL 4" 45" HORIZONTAL BEND. PROVIDE 1 SQ.FT. THRUST BLOCK PER CITY OF COTTAGE GROVE DETAIL 402, SHEET C6.04
- 371 FURNISH AND INSTALL 4" C900 SANITARY FORCE MAIN PER ODOT STANDARD DRAWING RD300, SHEET C6.01



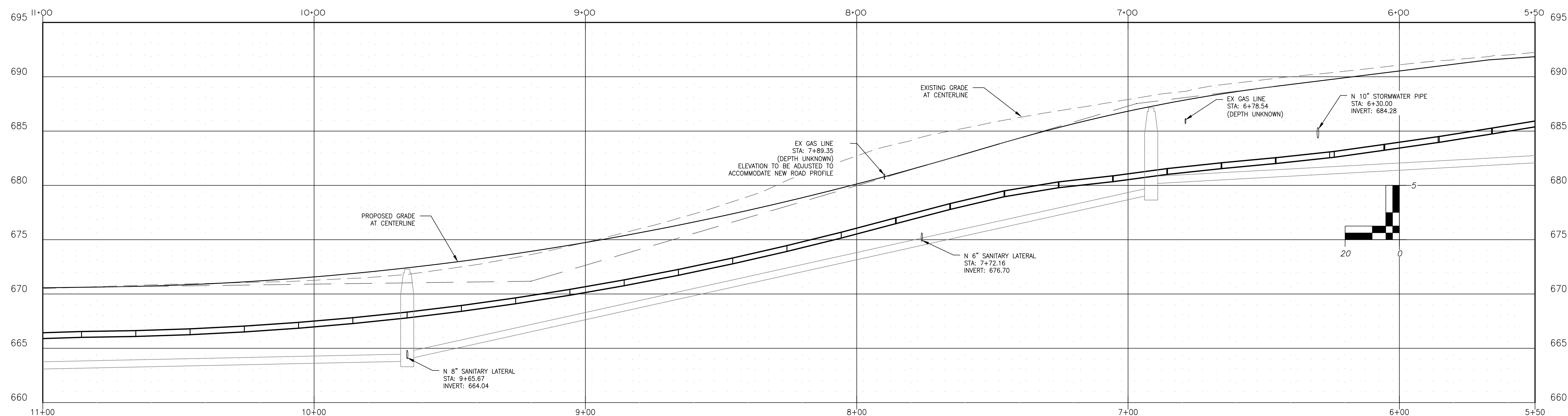
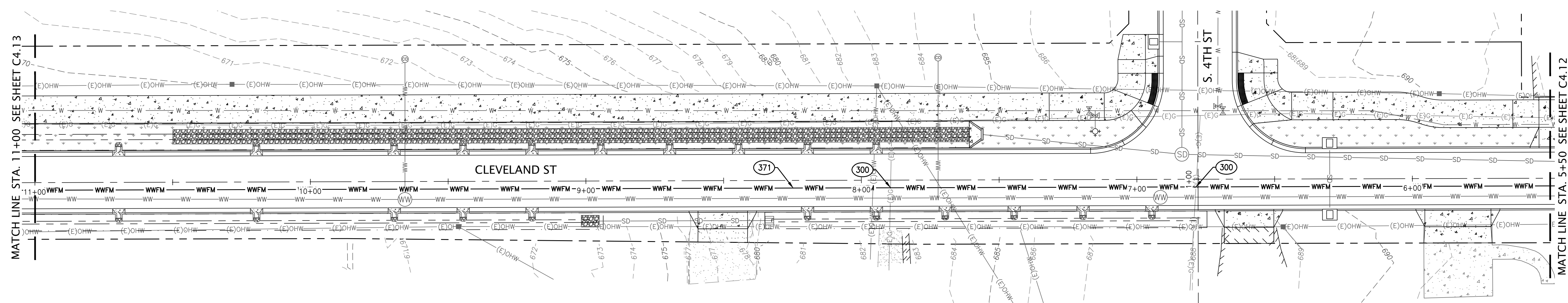
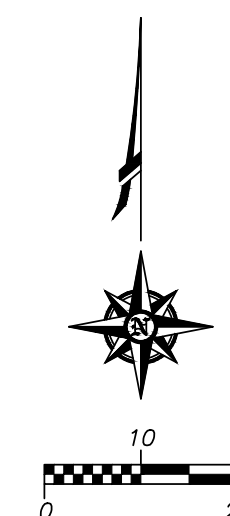
REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
SANITARY SEWER FORCE MAIN PLAN AND PROFILE CLEVELAND ST. STA. 0+50 TO 5+50		Sheet No. C4.14	
DRAWN BY: JAD	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C

300 POTHOLE EXISTING UTILITY AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES. COORDINATE WITH UTILITY COMPANY IF ADJUSTMENTS ARE REQUIRED

362 FURNISH AND INSTALL 4" 45° HORIZONTAL BEND. PROVIDE 1 SQ.FT. THRUST BLOCK PER CITY OF COTTAGE GROVE DETAIL 402, SHEET C6.04

371 FURNISH AND INSTALL 4" C900 SANITARY FORCE MAIN PER ODOT STANDARD DRAWING R0300, SHEET C6.01

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CLEVELAND STREET
CAPITAL IMPROVEMENT PROJECT

SANITARY SEWER FORCE MAIN
PLAN AND PROFILE
CLEVELAND ST. STA. 5+50 TO 11+00

DRAWN BY: JAD

CHECKED BY:	AW
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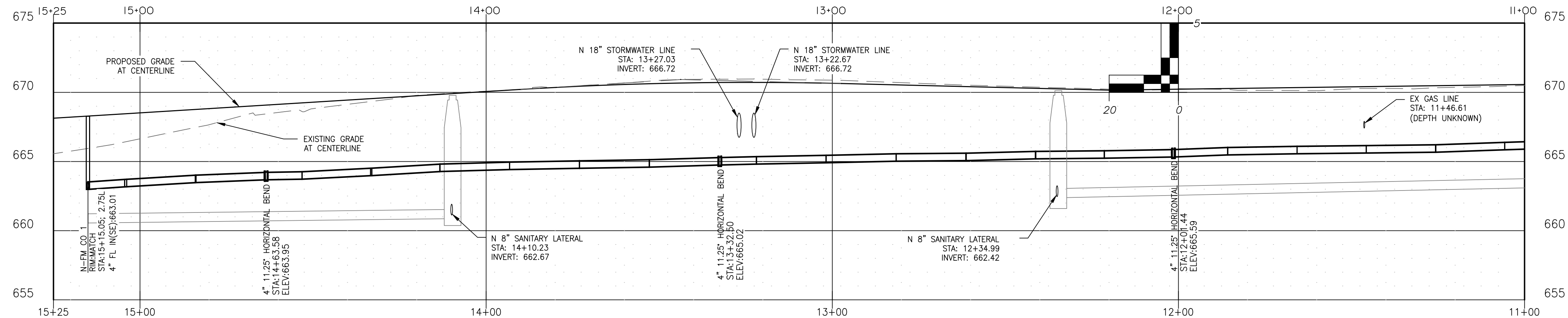
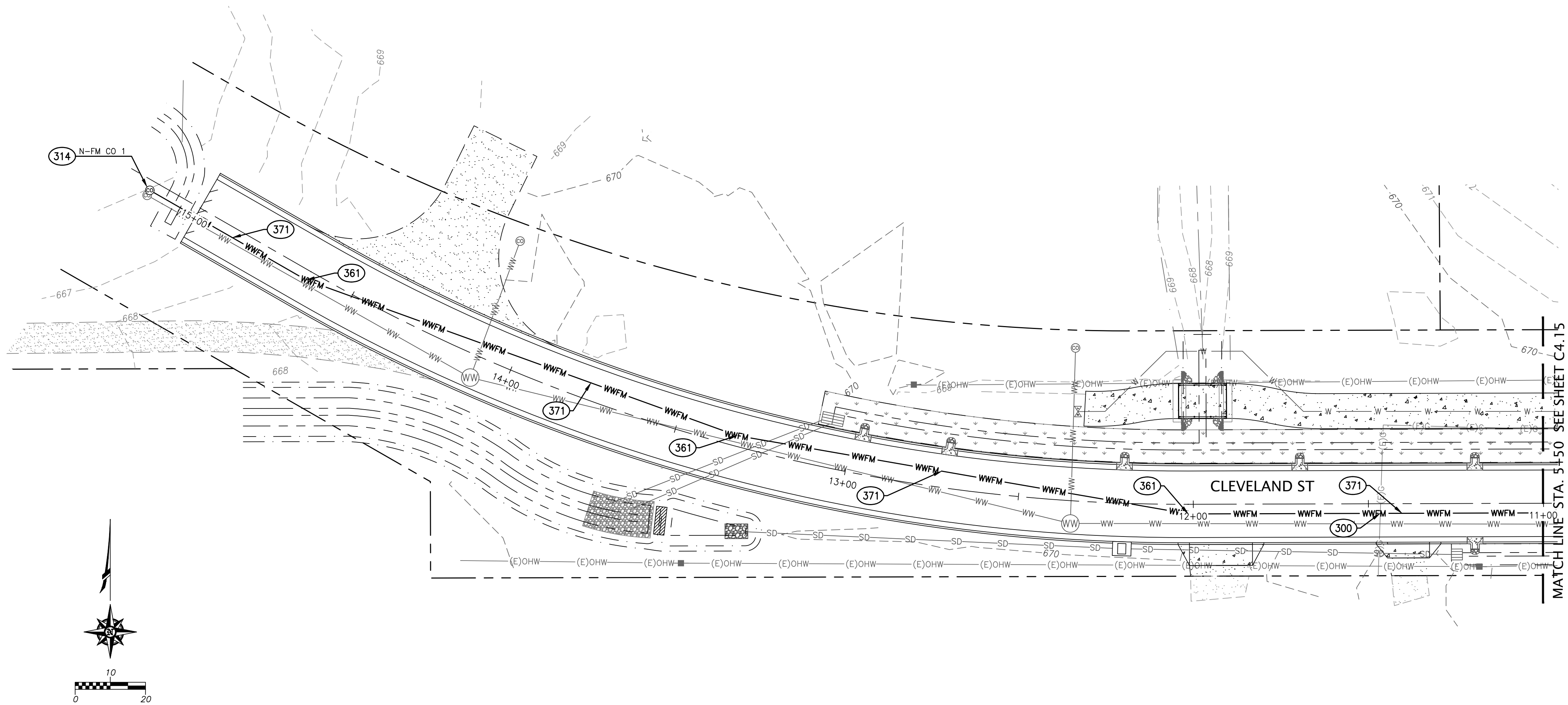
DATE:	12/12
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Sheet No. **C4.15** 

JOB No. 23-0010

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
- 314 FURNISH AND INSTALL 4" SANITARY SEWER CLEANOUT PER ODOT STANDARD DRAWING RD362, SHEET C6.05
- 361 FURNISH AND INSTALL 4" 11.25" HORIZONTAL BEND. NO THRUST BLOCKING IS REQUIRED PER CITY OF COTTAGE GROVE DETAIL 402, SHEET C6.04
- 362 FURNISH AND INSTALL 4" 45" HORIZONTAL BEND. PROVIDE 1 SQ.FT. THRUST BLOCK PER CITY OF COTTAGE GROVE DETAIL 402, SHEET C6.04
- 371 FURNISH AND INSTALL 4" C900 SANITARY FORCE MAIN PER ODOT STANDARD DRAWING RD300, SHEET C6.01

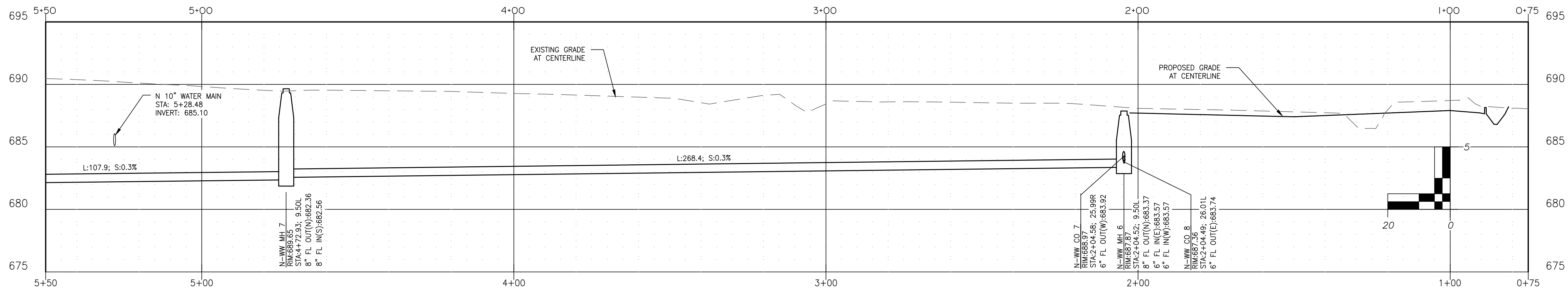
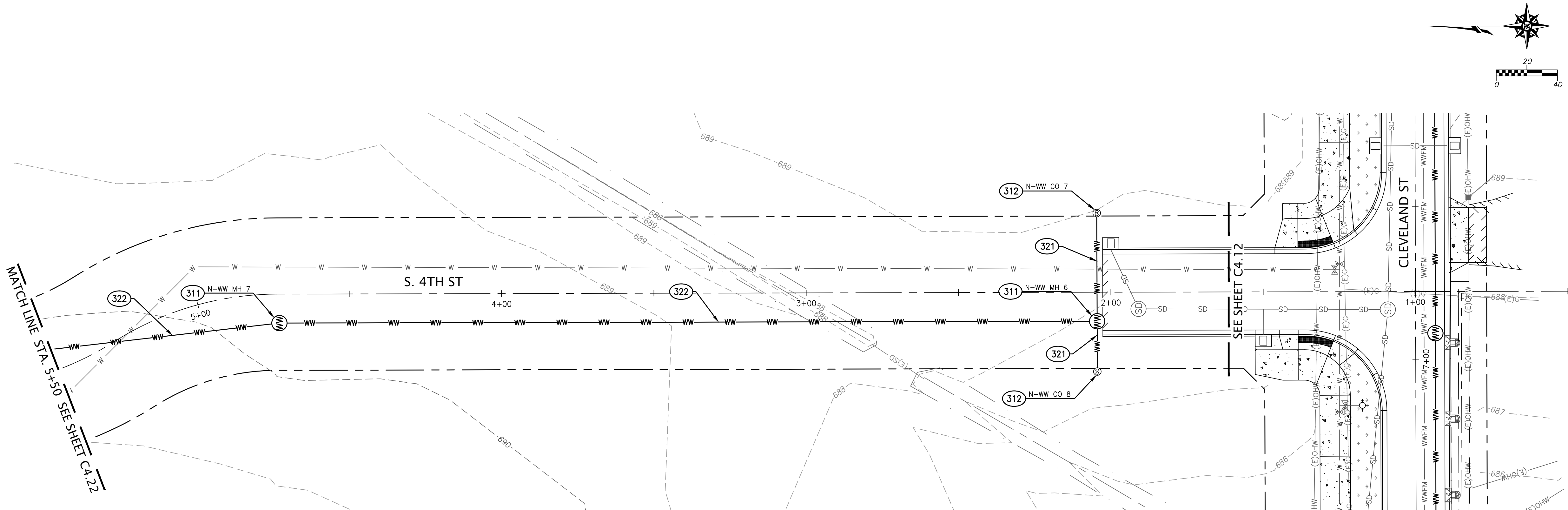


REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
SANITARY SEWER FORCE MAIN CLEVELAND ST. STA. 11+00 TO 15+00 PLAN AND PROFILE			Sheet No C4.16
DRAWN BY: JAD	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C

CONSTRUCTION NOTES:

- (311) FURNISH AND INSTALL 48" SANITARY SEWER MANHOLE PER ODOT STANDARD DRAWING RD338, SHEET C6.05
- (312) FURNISH AND INSTALL 6" SANITARY SEWER CLEANOUT PER ODOT STANDARD DRAWING RD362, SHEET C6.05
- (321) FURNISH AND INSTALL 6" PVC SANITARY SEWER PIPE AT 1.0% SLOPE W/ TRACER WIRE PER OREGON STANDARD DRAWING RD300, SHEET C6.01
- (322) FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE W/ TRACER WIRE PER ODOT STANDARD DRAWING RD300, SHEET C6.01



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COTTAGE GROVE
ENGINEERING

400 Main Street Cottage Grove, OR 97424

REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET
CAPITAL IMPROVEMENT PROJECT

SANITARY SEWER PLAN AND PROFILE
S 4th ST. STA. 1+00 TO 5+50

DRAWN BY: JAD
CHECKED BY: AWMS
DATE: 12/12/2024

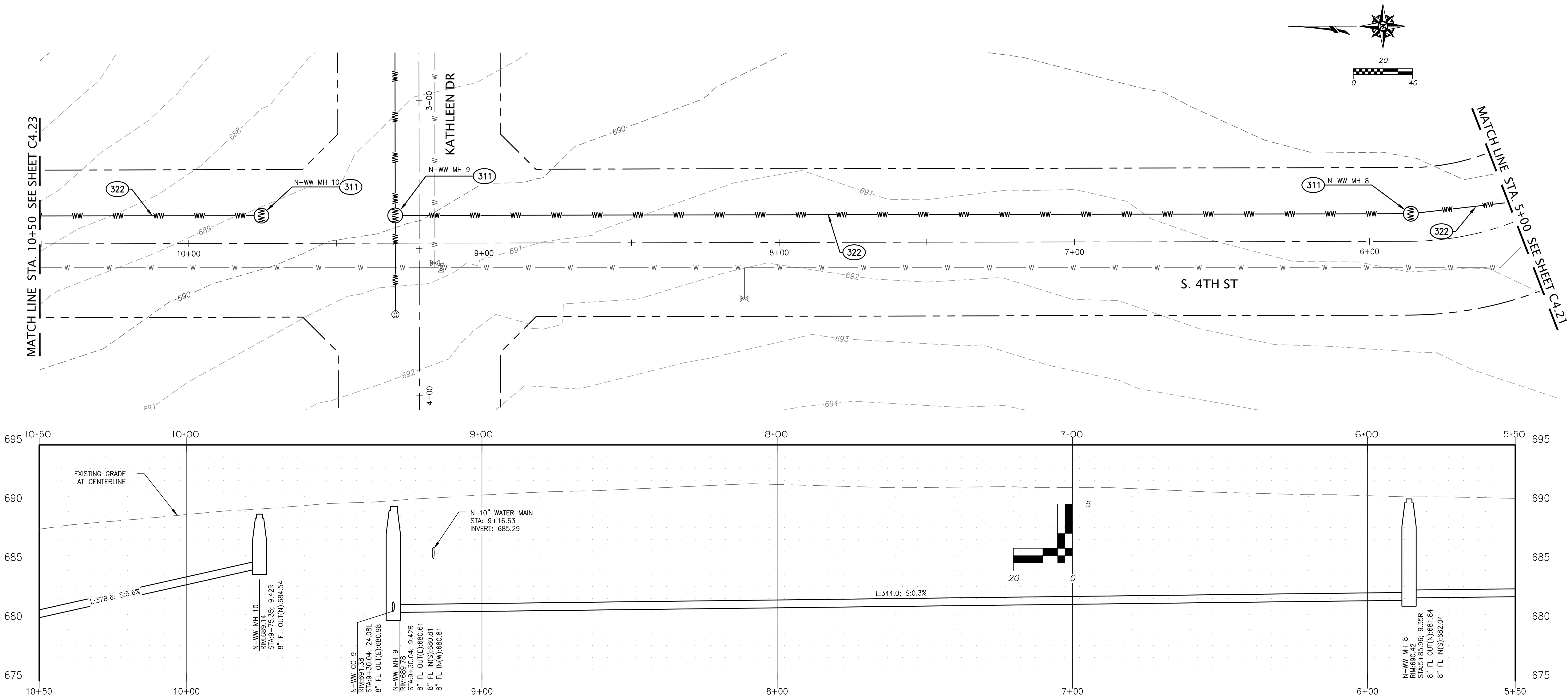
Sheet No.
C4.21

JOB No. 23-001C

Z:\2023\23-001C Cottage Grove South Road & Bridge Feasibility\Call\Production Drawings\Construction Sheets\23-001C.C.C.G. CIP-C3-STORM-C4-SEWER.dwg 12/18/2024 3:01 PM ANDREWS

CONSTRUCTION NOTES:

- (311) FURNISH AND INSTALL 48" SANITARY SEWER MANHOLE PER ODOT STANDARD DRAWING RD338, SHEET C6.05
- (322) FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE W/ TRACER WIRE PER ODOT STANDARD DRAWING RD300, SHEET C6.01

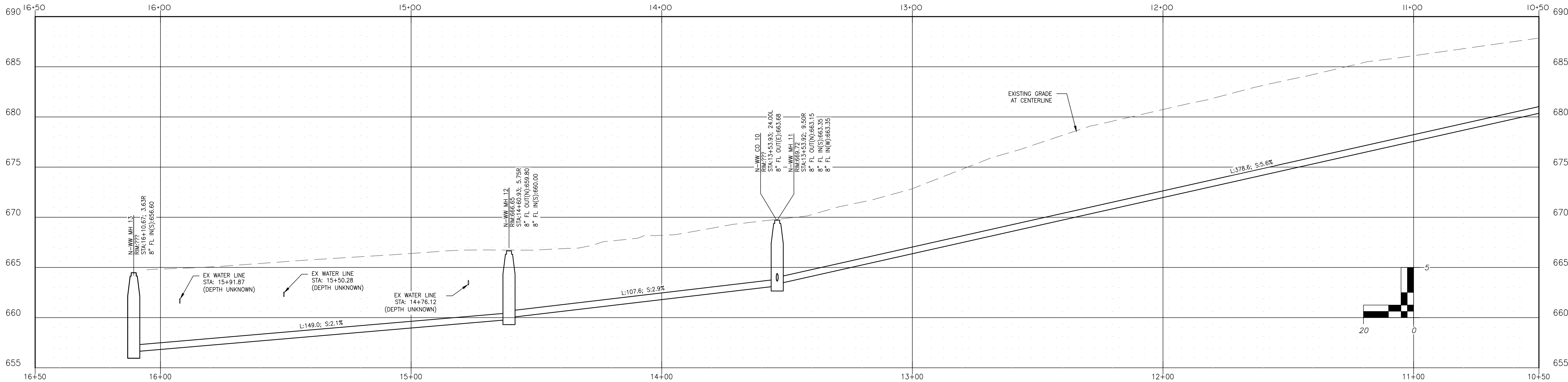
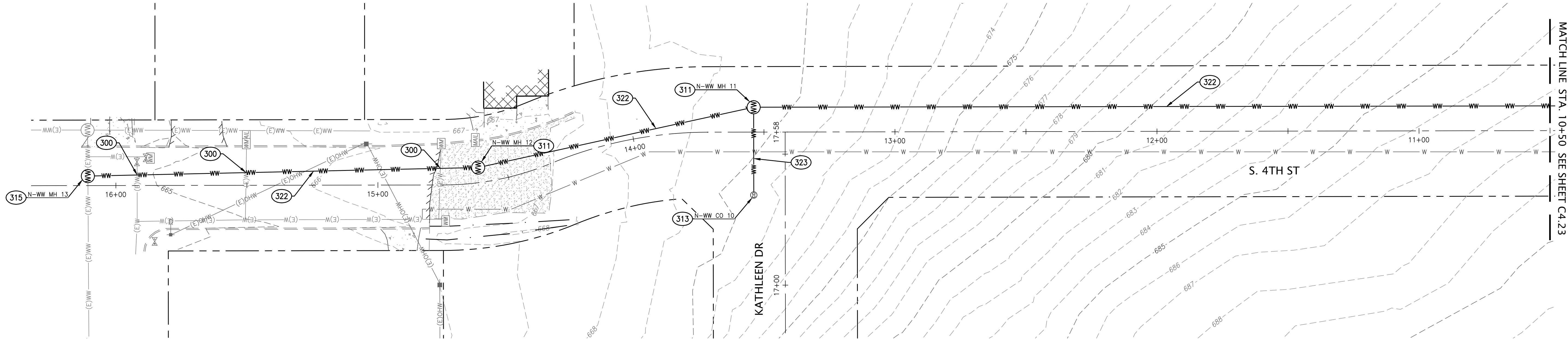
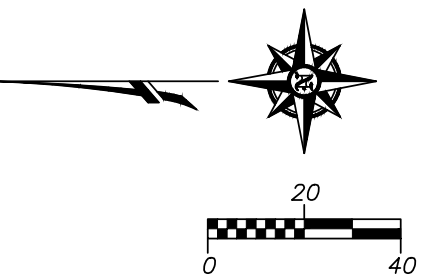


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No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
SANITARY SEWER PLAN AND PROFILE S 4th ST. STA. 5+00 TO 10+50			Sheet No. C4.22
DRAWN BY: JAD	CHECKED BY: AWMS	DATE: 12/12/2024	JOB No. 23-001C

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 DRAWING RD338, SHEET C6.05
- (313) FURNISH AND INSTALL 8" SANITARY SEWER CLEANOUT PER ODOT STANDARD DRAWING RD362, SHEET C6.05
- (315) FURNISH AND INSTALL CAST IN PLACE MANHOLE PER ODOT STANDARD DRAWING RD344, SHEET C6.05
- (322) FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE W/ TRACER WIRE PER ODOT STANDARD DRAWING RD300, SHEET C6.01
- (323) FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE AT 1.0% SLOPE W/ TRACER WIRE PER OREGON STANDARD DRAWING RD300, SHEET C6.01



REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET
CAPITAL IMPROVEMENT PROJECT

SANITARY SEWER PLAN AND PROFILE
S 4th ST. STA. 10+50 TO 16+00

DRAWN BY:
JAD

CHECKED BY:

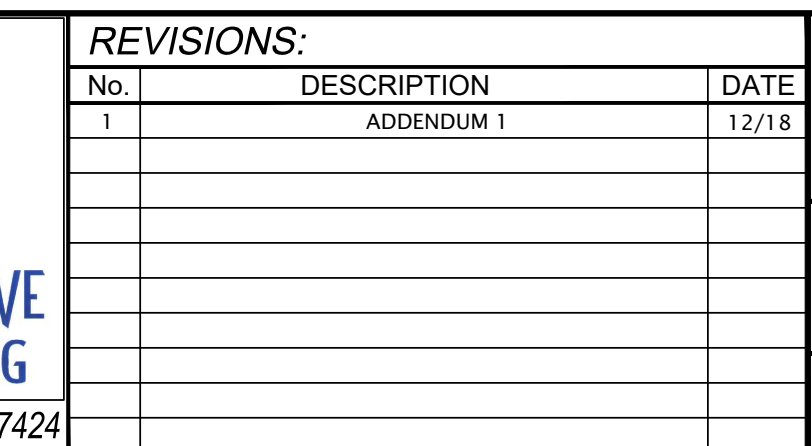
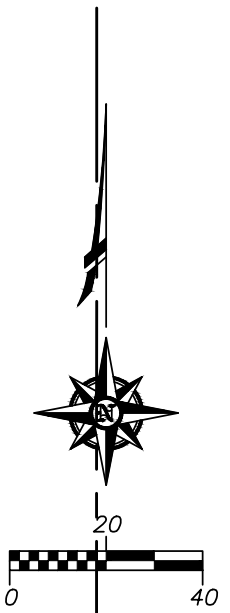
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12/12/2024

Sheet No.
C4.23

JOB No.
23-001C

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300	POTHOLE EXISTING. UTILITY AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES. COORDINATE WITH UTILITY COMPANY IF ADJUSTMENTS ARE REQUIRED
302	CONNECT PROPOSED PIPES INTO EXISTING SANITARY MANHOLE. ENGINEER TO INSPECT FLOWLINE LOCATION'S PRIOR TO CORE DRILLING.
313	FURNISH AND INSTALL 8" SANITARY SEWER CLEANOUT PER ODOT STANDARD DRAWING RD362, SHEET C6.05
322	FURNISH AND INSTALL 8" PVC SANITARY SEWER PIPE W/ TRACER WIRE PER ODOT STANDARD DRAWING RD300, SHEET C6.01



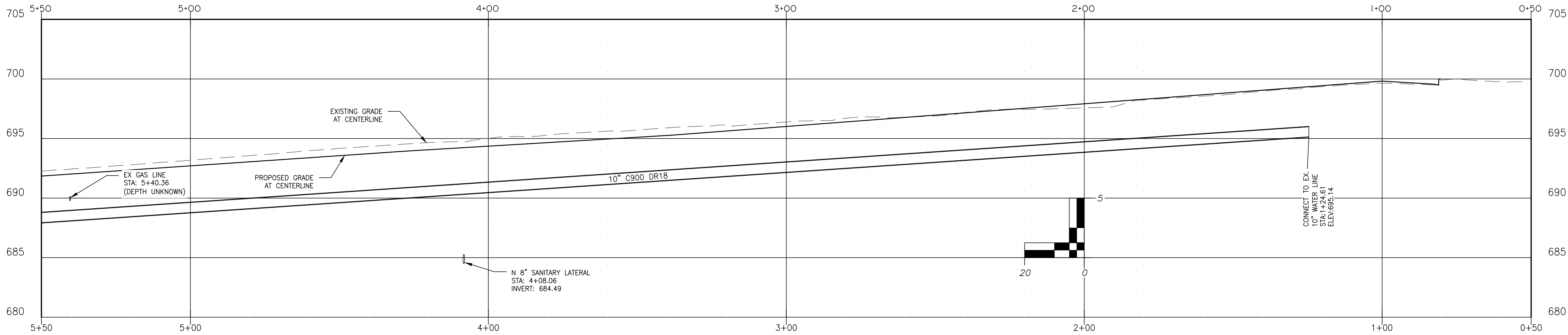
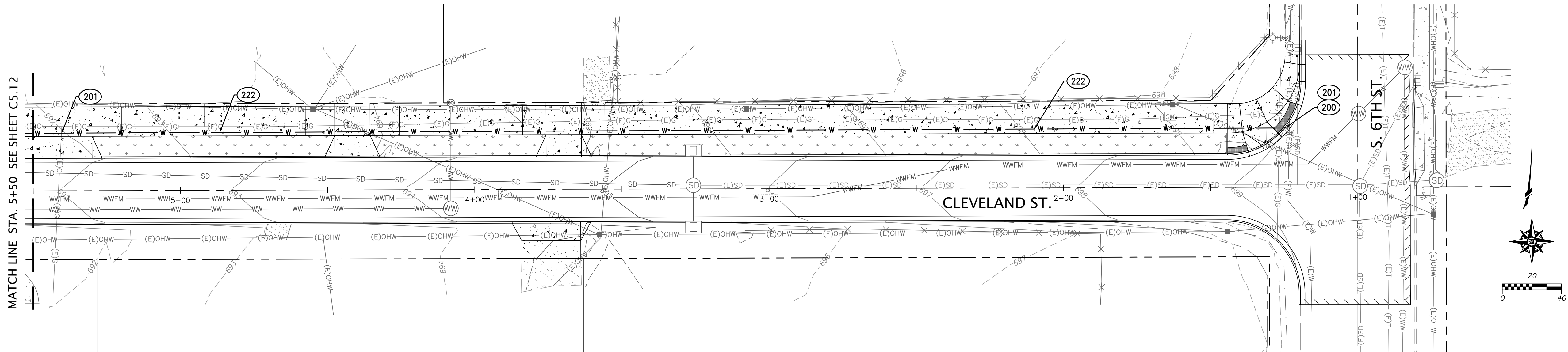
Sheet No. 1
C4.31

JOB No. 23-0010



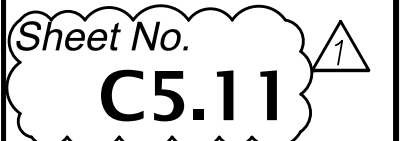
CONSTRUCTION NOTES:

- (200) CITY OF COTTAGE GROVE PUBLIC WORKS TO MAKE FINAL CONNECTION TO EXISTING WATER LINE WITH A 10"X 8" REDUCER TO THE 8" GATE VALVE. CONTRACTOR TO COORDINATE WORK WITH CITY.
- (201) POT HOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- (222) FURNISH AND INSTALL 10" PVC C-900 (DR 18) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300, SHEET C6.01. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- (232) FURNISH AND INSTALL 10" GATE VALVE (RESILIENT WEDGE) WITH RETAINER GLANDS. AND VALVE BOX PER CITY OF COTTAGE GROVE STANDARD DRAWING 408, SHEET C6.04.



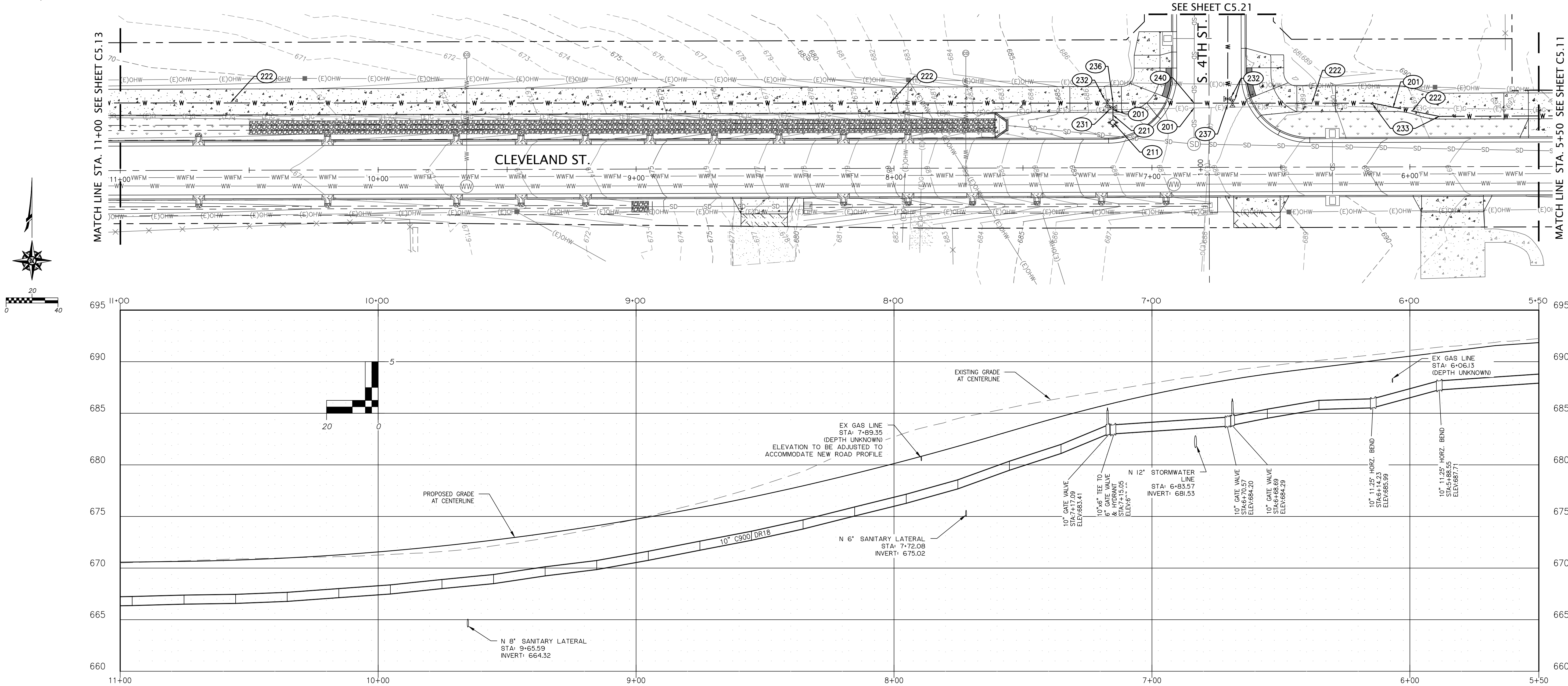
REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
WATER PLAN AND PROFILE CLEVELAND ST. STA. 0+50 TO 5+50			
DRAWN BY: JAD/VJ		CHECKED BY: NP	DATE: 12/12/2024
JOB No.		23-001C	



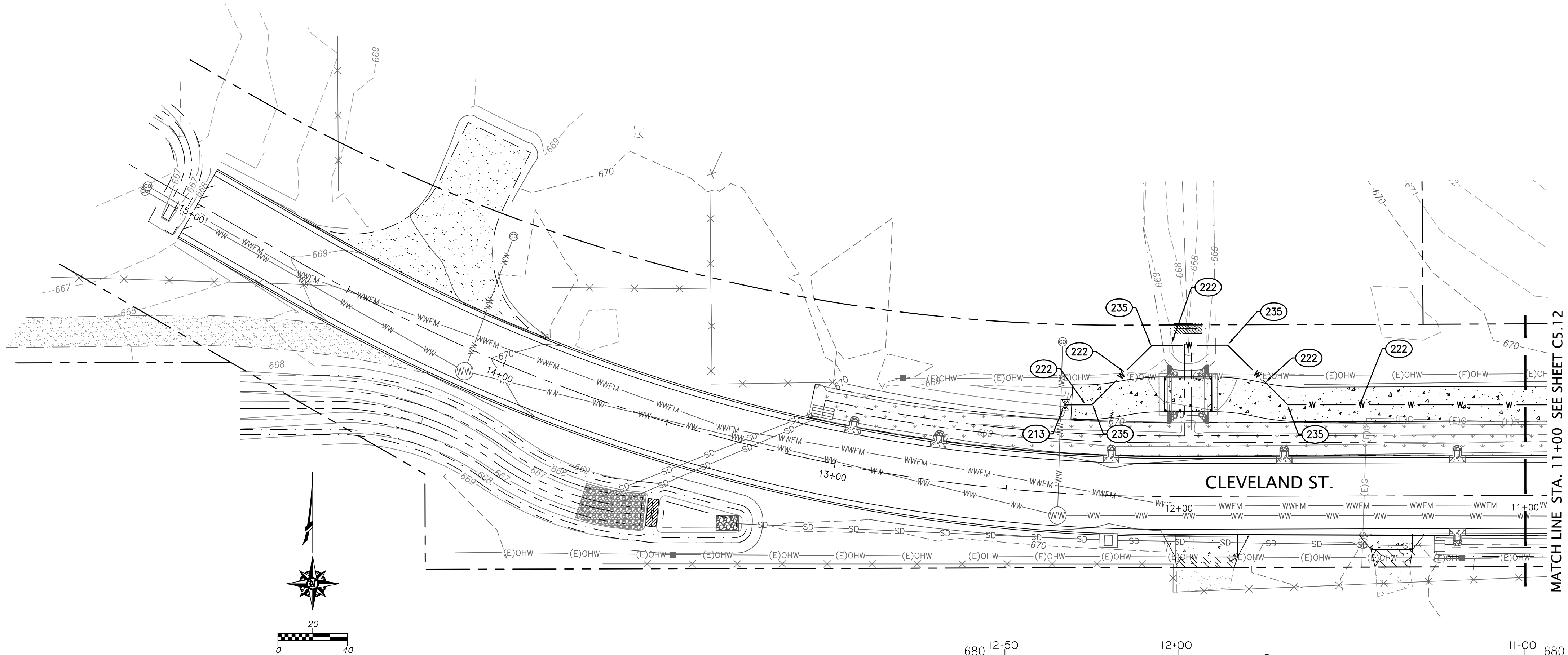
CONSTRUCTION NOTES:

- (201) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- (211) FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY WITH VALVE PER CITY OF COTTAGE GROVE STD DWG 401, SHEET C6.04.
- (221) FURNISH AND INSTALL 6" PVC C-900 (DR 18) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300, SHEET C6.01. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- (222) FURNISH AND INSTALL 10" PVC C-900 (DR 18) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300, SHEET C6.01. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- (231) FURNISH AND INSTALL 6" GATE VALVE (RESILIENT WEDGE) WITH RETAINER GLANDS. AND VALVE BOX PER CITY OF COTTAGE GROVE STANDARD DRAWING 408, SHEET C6.04.
- (232) FURNISH AND INSTALL 10" GATE VALVE (RESILIENT WEDGE) WITH RETAINER GLANDS. AND VALVE BOX PER CITY OF COTTAGE GROVE STANDARD DRAWING 408, SHEET C6.04.
- (233) FURNISH AND INSTALL 10" 11.25" HORIZONTAL BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (236) FURNISH AND INSTALL 10"x10"x6" TEE WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (237) FURNISH AND INSTALL 10" TEE WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (240) 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.



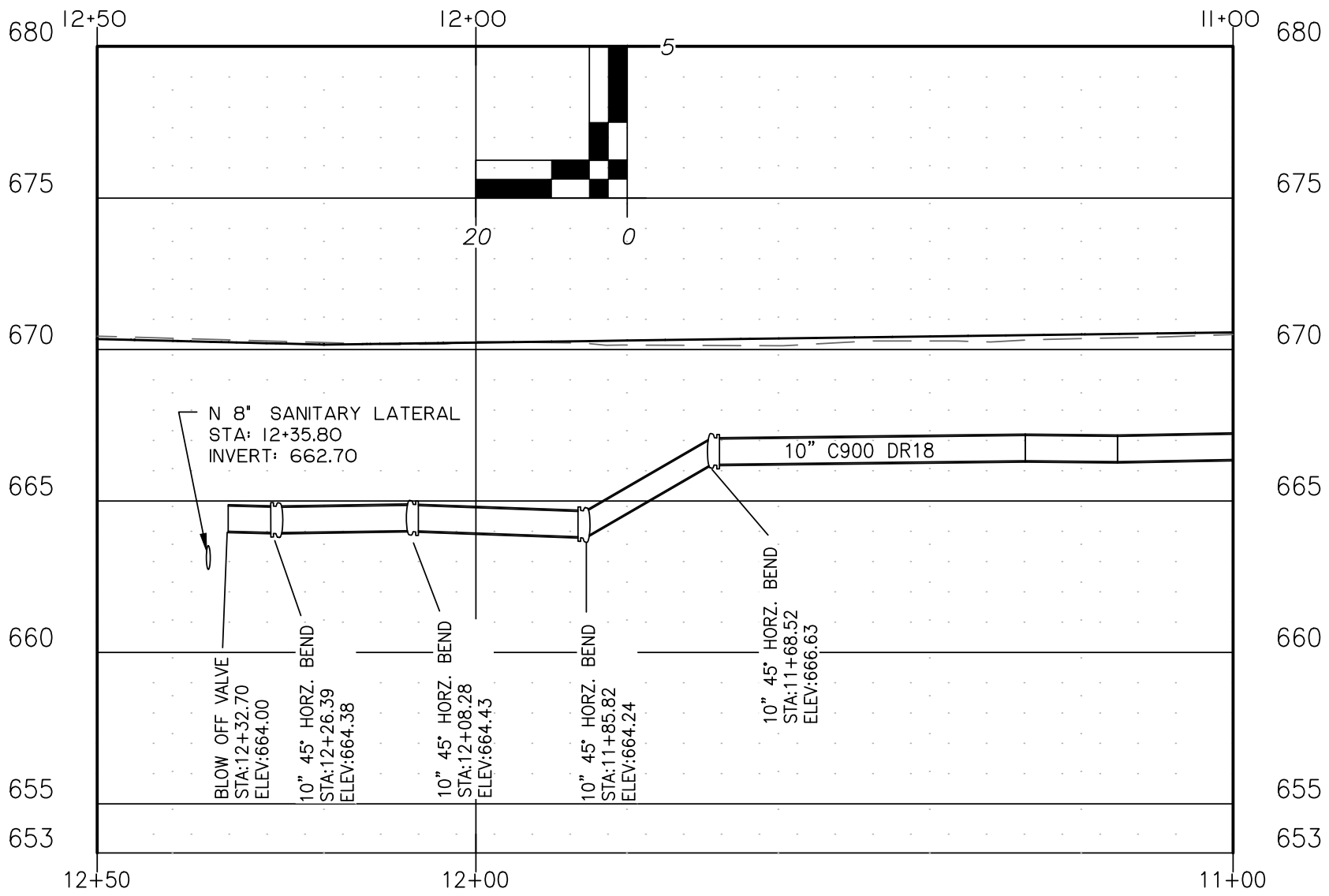
REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
WATER PLAN AND PROFILE CLEVELAND ST. STA. 5+50 TO 11+00			
DRAWN BY: JAD/VJ	CHECKED BY: NP	DATE: 12/12/2024	SHEET No. C5.12
JOB No. 23-001C			



CONSTRUCTION NOTES:

- (213) FURNISH AND INSTALL TEMPORARY 2" BLOW OFF VALVE PER CITY OF COTTAGE GROVE STD DWG 405, SHEET C6.04.
- (222) FURNISH AND INSTALL 10" PVC C-900 (DR 18) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300, SHEET C6.01. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- (233) FURNISH AND INSTALL 10" 11.25° HORIZONTAL BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (235) FURNISH AND INSTALL 10" 45° HORIZONTAL BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

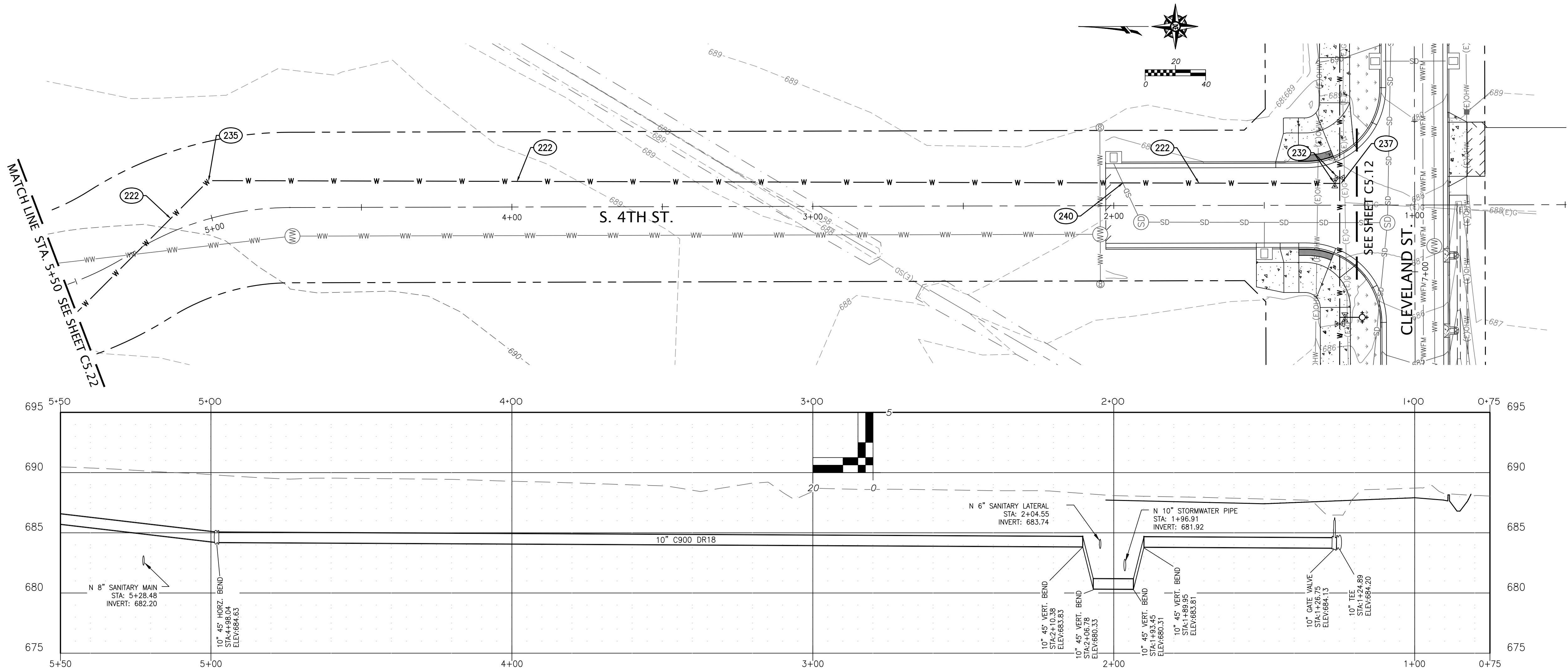


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1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
WATER PLAN AND PROFILE CLEVELAND ST. STA. 11+00 TO 15+00			
DRAWN BY: JAD/VJ	CHECKED BY: NP	DATE: 12/12/2024	Sheet No. C5.13
JOB No. 23-001C			

CONSTRUCTION NOTES:

- (222) FURNISH AND INSTALL 10" PVC C-900 (OR 18) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300, SHEET C6.01. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- (232) FURNISH AND INSTALL 10" GATE VALVE (RESILIENT WEDGE) WITH RETAINER GLANDS. AND VALVE BOX PER CITY OF COTTAGE GROVE STANDARD DRAWING 408, SHEET C6.04.
- (235) FURNISH AND INSTALL 10" 45° HORIZONTAL BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (237) FURNISH AND INSTALL 10" TEE WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (240) 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.

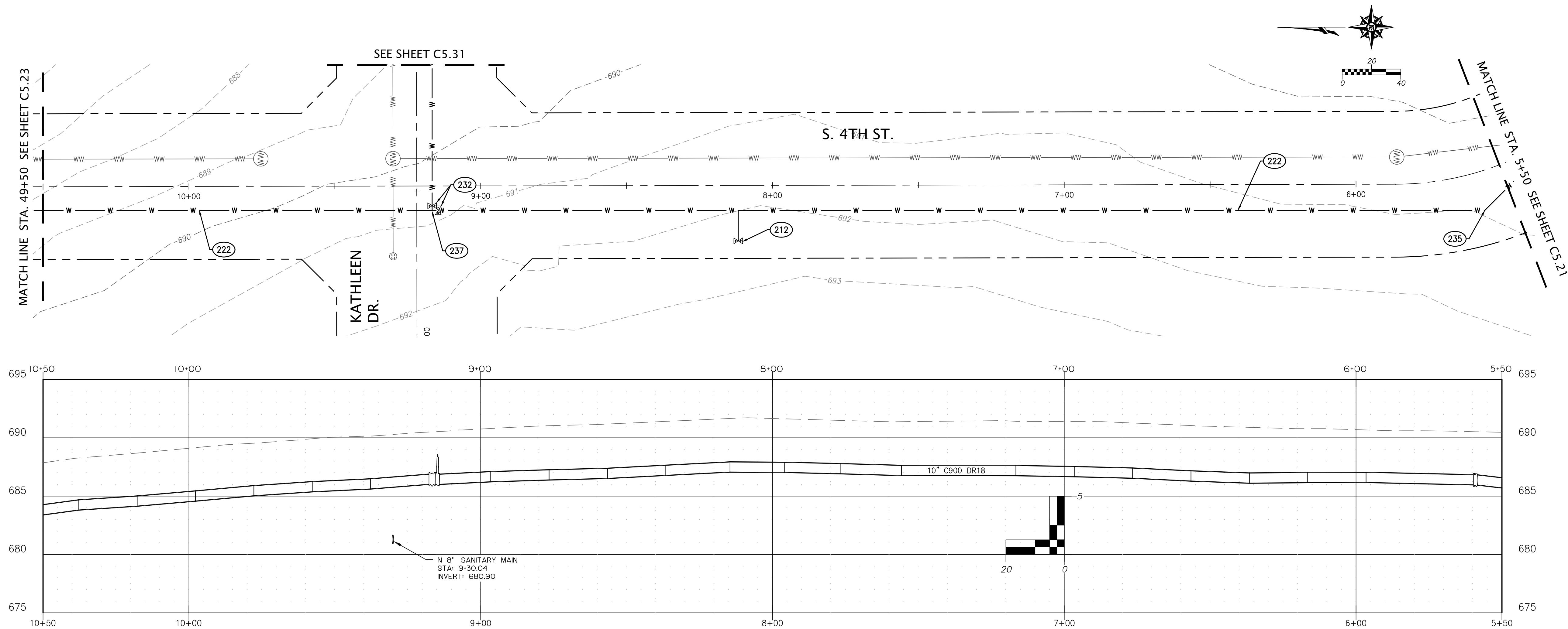


REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
WATER MAIN PLAN AND PROFILE S 4th ST. STA. 1+00 TO 5+50			Sheet No. C5.21
DRAWN BY: JAD/VJ	CHECKED BY: NP	DATE: 12/12/2024	JOB No. 23-001C

CONSTRUCTION NOTES:

- (212) FURNISH AND INSTALL 1" COMBINATION AIR RELEASE VALVE PER CITY OF COTTAGE GROVE STD DWG 406, SHEET C6.04.
- (222) FURNISH AND INSTALL 10" PVC C-900 (DR 18) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300, SHEET C6.01. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 48" OF COVER.
- (232) FURNISH AND INSTALL 10" GATE VALVE (RESILIENT WEDGE) WITH RETAINER GLANDS. AND VALVE BOX PER CITY OF COTTAGE GROVE STANDARD DRAWING 408, SHEET C6.04.
- (235) FURNISH AND INSTALL 10" 45° HORIZONTAL BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT WITH X FEET OF BEND.
- (237) FURNISH AND INSTALL 10" TEE WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.



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OREGON
JULY 13, 2009
DAMIEN GILBERT
EXPIRES: JUNE 30, 2025

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

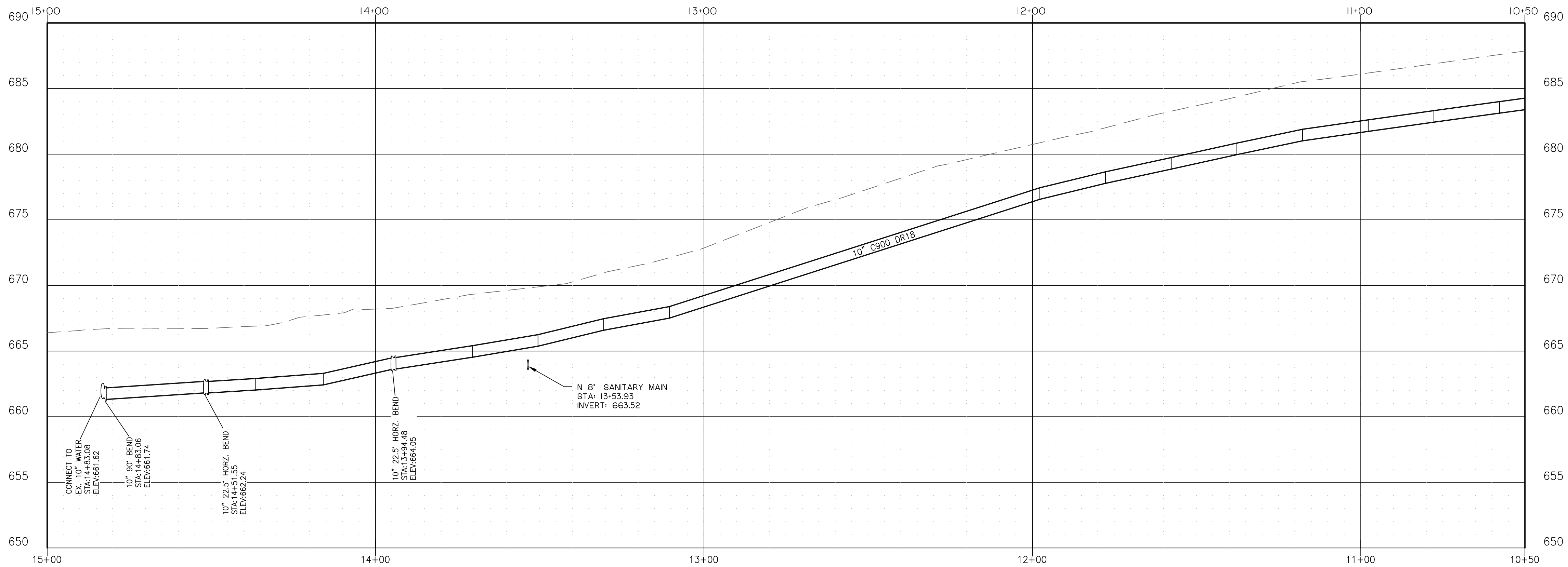
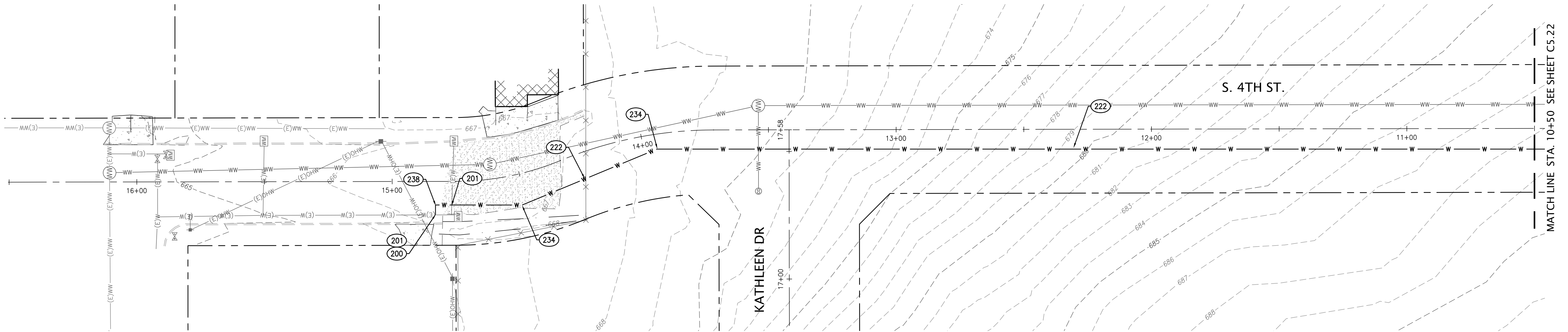
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No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
WATER MAIN PLAN AND PROFILE S 4th ST. STA. 5+50 TO 10+50			Sheet No. C5.22
DRAWN BY: JAD/VJ	CHECKED BY: NP	DATE: 12/12/2024	JOB No. 23-001C

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CONSTRUCTION NOTES:

- (200) CITY OF COTTAGE GROVE PUBLIC WORKS TO MAKE FINAL CONNECTION TO EXISTING WATER LINE WITH HOT TAP WITH GATE VALVE. CONTRACTOR TO COORDINATE WORK WITH CITY.
- (201) POT HOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- (222) FURNISH AND INSTALL 10" PVC C-900 (DR 18) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300, SHEET C6.01. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 48" OF COVER.
- (234) FURNISH AND INSTALL 10" 22.5' HORIZONTAL BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (238) FURNISH AND INSTALL 10" 90° HORIZONTAL BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.



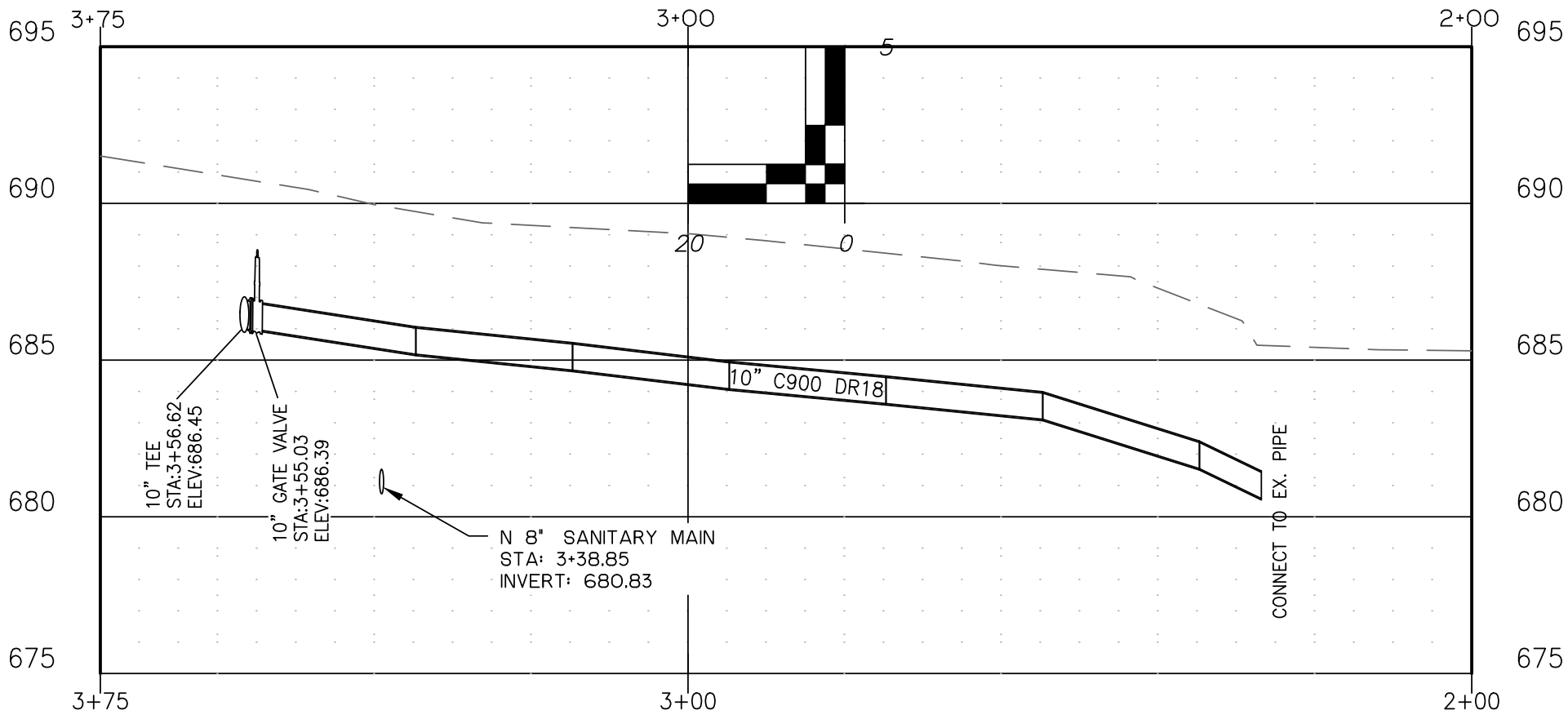
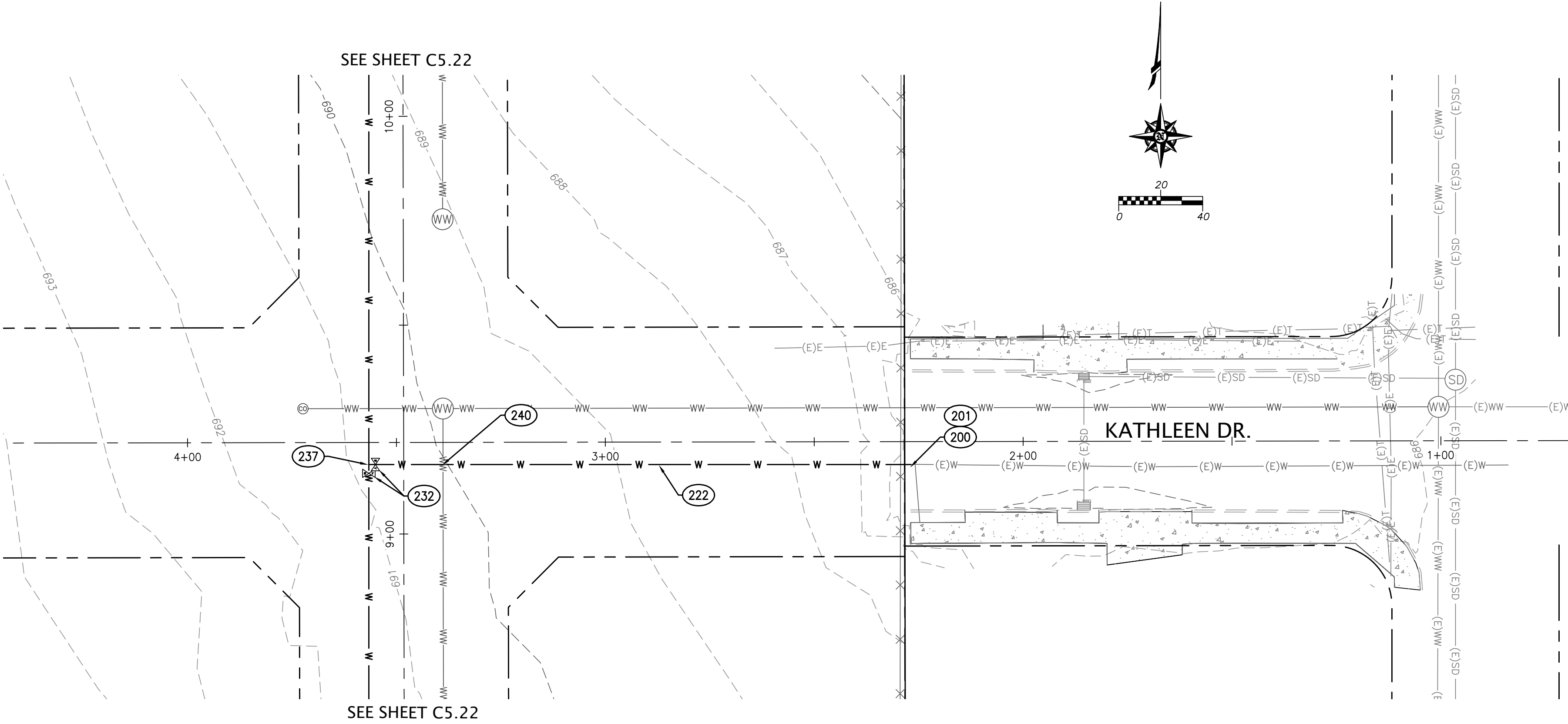
REVISIONS:		
No.	DESCRIPTION	DATE
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CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
WATER MAIN PLAN AND PROFILE S 4th ST. STA. 10+50 TO 15+00			Sheet No. C5.23
DRAWN BY: JAD/VJ	CHECKED BY: NP	DATE: 12/12/2024	JOB No. 23-001C

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CONSTRUCTION NOTES:

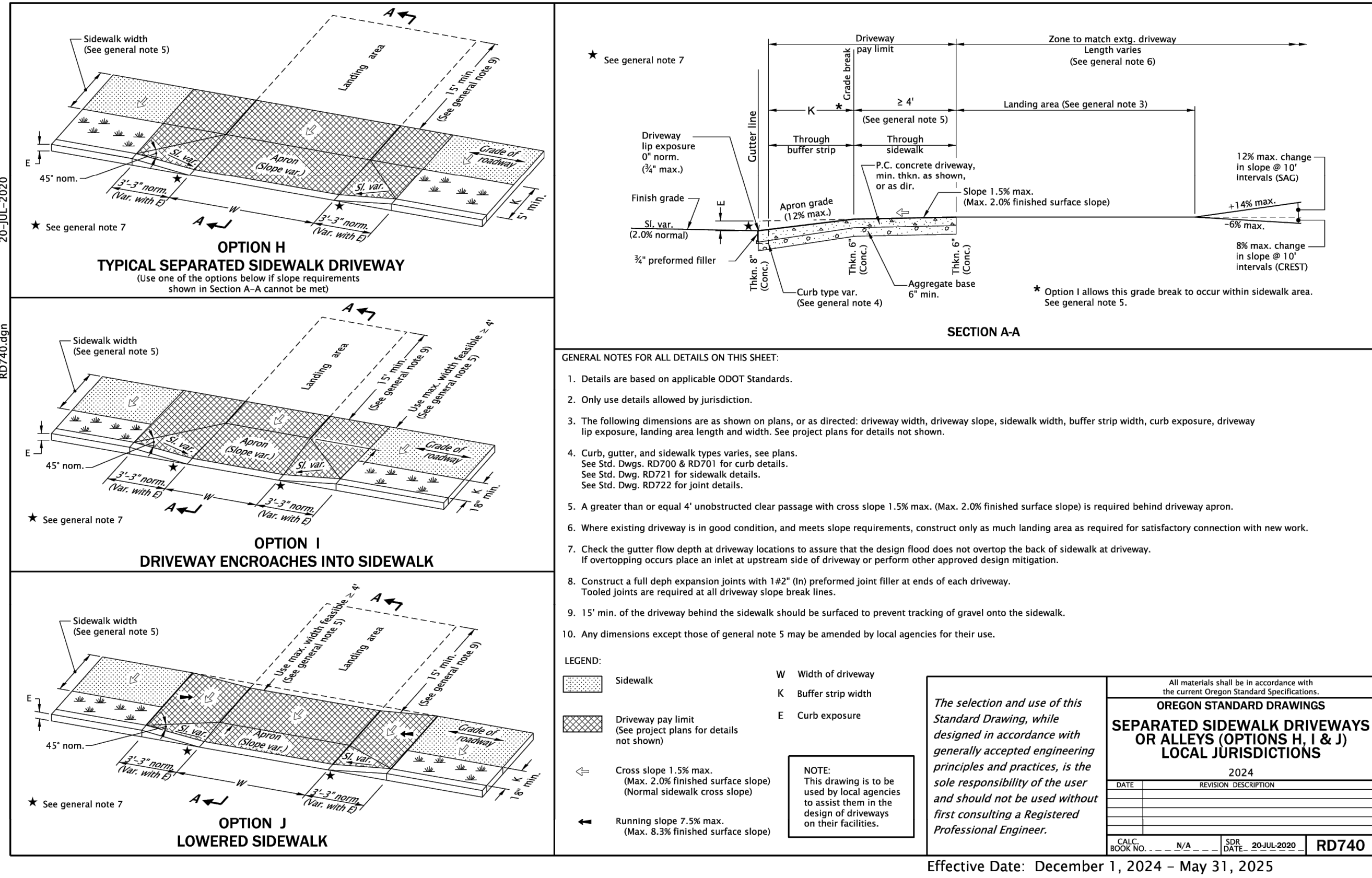
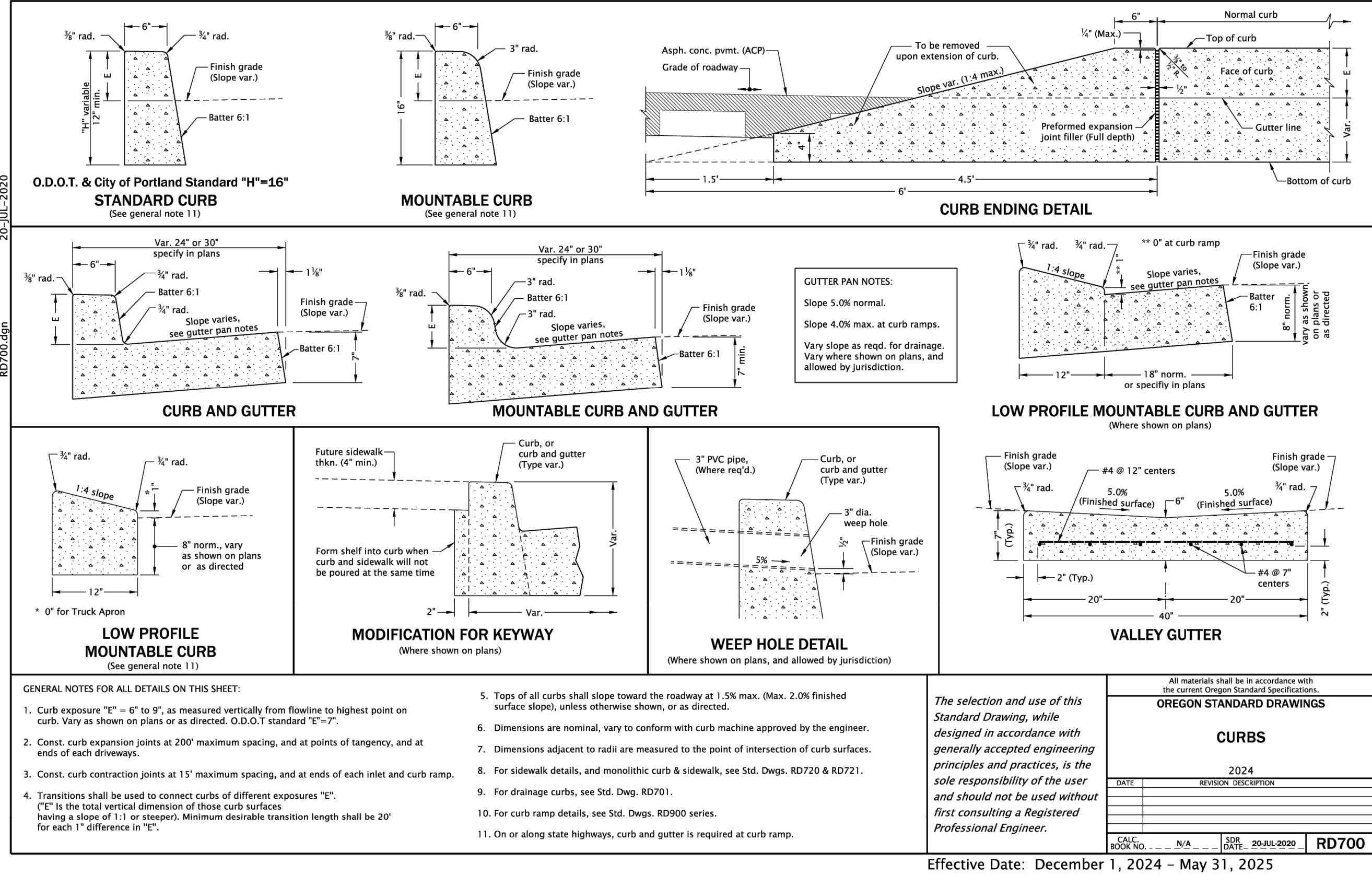
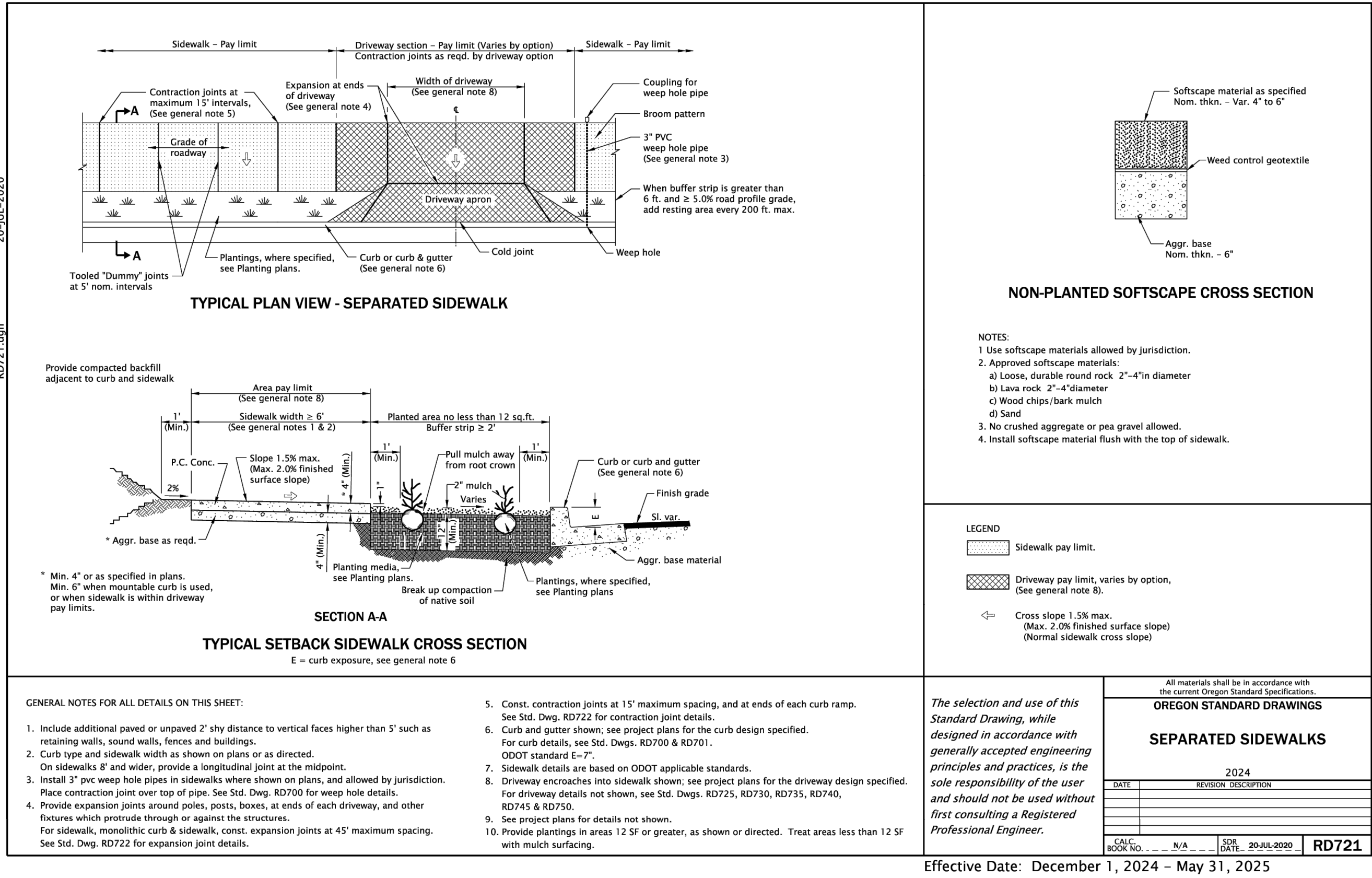
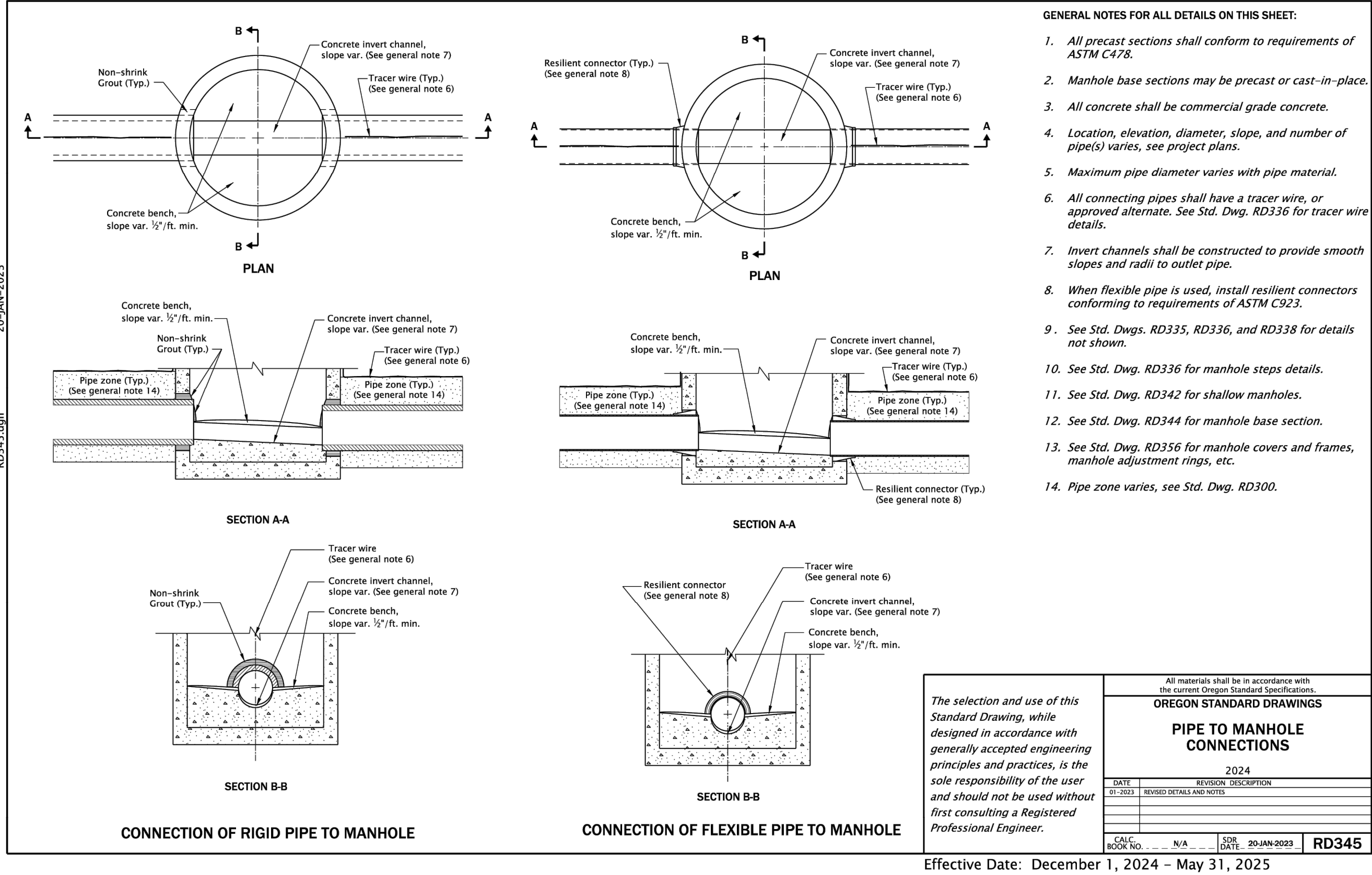
- (200) CITY OF COTTAGE GROVE PUBLIC WORKS TO MAKE FINAL CONNECTION TO EXISTING WATER LINE WITH HOT TAP WITH GATE VALVE. CONTRACTOR TO COORDINATE WORK WITH CITY.
- (201) POT HOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- (222) FURNISH AND INSTALL 10" PVC C-900 (DR 18) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300, SHEET C6.01. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 48" OF COVER.
- (232) FURNISH AND INSTALL 10" GATE VALVE (RESILIENT WEDGE) WITH RETAINER GLANDS. AND VALVE BOX PER CITY OF COTTAGE GROVE STANDARD DRAWING 408, SHEET C6.04.
- (237) FURNISH AND INSTALL 10" TEE WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (240) 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.



REVISIONS:		
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CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
WATER MAIN PLAN AND PROFILE KATHLEEN DR. STA. 1+00 TO 4+00			Sheet No. C5.31
DRAWN BY: JAD/VJ	CHECKED BY: NP	DATE: 12/12/2024	JOB No. 23-001C

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CITY OF COTTAGE GROVE
WATER STANDARD MATERIALS LIST
REVISED NOVEMBER, 2022

WATER DISTRIBUTION PIPES

- DUCTILE IRON PIPE STANDARD: PACIFIC STATES DUCTILE IRON PIPE OR EQUAL
AWWA C104/C111/C150/C151 - 4" THRU 16" MIN. CLASS 52, SPOOLS - MIN. CLASS 52
- DUCTILE IRON PIPE STANDARD: PACIFIC STATES DUCTILE IRON PIPE OR EQUAL
AWWA C104/C111/C150/C151 - 4" THRU 16" MIN. CLASS 52, SPOOLS - MIN. CLASS 52
- HDPE PIPE STANDARD: JM EAGLE WATER HDPE DIPS PIPE OR EQUAL-DR 11
ANSI/AWWA C906, ASTM F714, ASTM D3035, ASTM D3350 CELL CLASS 445574C/E, PPI (TR-4) PE 4710, ANSINSF 61/14

WATER SERVICE PIPES

- COPPER PIPE STANDARD: 3/4" OR 1" TYPE "K" COPPER
- HDPE PIPE STANDARD: CENCORE HDPE PIPE OR EQUAL- 3/4" THRU 2", SDR 9 CTS,
HDPE 4710, ASTM D2239, ASTM D2737, ASTM D3350 CELL CLASS PE 445576C AND SHALL BE CC3 PER ASTM F2263

FIRE HYDRANT STANDARDS:

- KENNEDY (GUARDIAN) 5-1/2" x 6" MECHANICAL JOINT, AWWA C502-18 (YELLOW), APPROVED ALTERNATE: MUELLER (CENTURION).

RESILIENT SEATED (EPOXY COATED) GATE VALVE STANDARD:

- 2" TO 12" AWWA C515 MUELLER, KENNEDY, AMERICAN FLOW CONTROL.

BRASS SERVICE LINE FITTINGS STANDARD:

- AWWA C800-94, FORD, A.Y. McDONALD, OR MUELLER CO. ONLY, 3/4" & 1" TAPS C.C. THREADS, FULL PORT, BALL STYLE CORPORATION & METER STOP FLARED FITTINGS. ALTERNATE: MUELLER 110 & FORD Q STYLE COMPRESSION FITTINGS.

METER BOXES, 3/4" TO 1" SERVICES STANDARD:

- METER BOX & LID: ARMORCAST POLYMER CONCRETE BOX (A600485) WITH A600484-H2 LID, BIRDROCKS NO. 36MB WITH - 36SP COVER, DFW PLASTICS DFW468WBC4-12 BODY WITH DFW468WBC4-12-4MPT 63D NHK LID

METER BOXES, 1-1/2" OR 2" SERVICES WITH METER SETTER:

- ARMORCAST A6001640PCX18 BOX (17" X 30" X 18" WITH SINGLE TOP MOUNT AMR/AMI COVER/LID), DFW PLASTICS DFW1730C4-18 BODY WITH DFW 1730C-4MPT LID WITH AMR PAD AND HOLE.

METER BOXES, 1-1/2" OR 2" SERVICES WITHOUT METER SETTER:

- ARMORCAST A6001640PCX12 BOX (17" X 30" X 12" WITH SINGLE TOP MOUNT AMR/AMI COVER /LID), DFW PLASTICS DFW1324C4-12 BODY WITH DFW DFW1324C4-12-4MPT 63 D NHK.

METER SETTERS, 1-1/2" OR 2" SERVICES:

- FORD NO. VBH-87-12B-11-77

VALVE BOXES STANDARD:

- TYLER 6860 SCREW TYPE VALVE BOX WITH TYLER 5 1/4 DROP LID (PART NO. 145325) LID STAMPED "WATER".

2" TAPPING SADDLES:

- MUELLER (DB2A) DOUBLE STRAP, IRON PIPE THREAD. APPROVED ALTERNATE: ROMAC 202

LIVE (HOT) TAPPING SADDLES, TAP SIZE 4" AND LARGER STANDARD:

- FOR ALL SIZES JCM 432, ALL STAINLESS.

DUCTILE IRON FITTINGS STANDARD:

- AWWA C110/C115/C153/C104, TYLER OR APPROVED EQUAL WITH 380 PSI PRESSURE RATINGS WHERE AVAILABLE OR 260 PSI PRESSURE RATINGS WHERE NOT AVAILABLE.

RETAINER GLANDS STANDARD:

- EBBA IRON MEGALUG (M PIPE), ROMAC GRIPRINGMOVE, OR U.S. PIPE FIELD LOK GASKETS.

BUTTERFLY VALVE STANDARD 14" OR LARGER:

- PRATT APPROVED ALTERNATE: KENNEDY

DISTRIBUTION PUMPS STANDARD:

- CORNELL
- TRACER WIRE: 14 GAUGE, SOLID CORE, BLUE COATING

REVISIONS

DESIGN: ENG. DEPT.

NO. DATE BY DRAWN: CDN

4 6/30/02 RKB CHECKED:

5 9/1/03 SEH APPROVED BY:

6 4/17/13 SEH

7 5/4/22 RKB

8 11/23/22 RKB CITY ENGINEER

DATE:



CITY OF COTTAGE GROVE

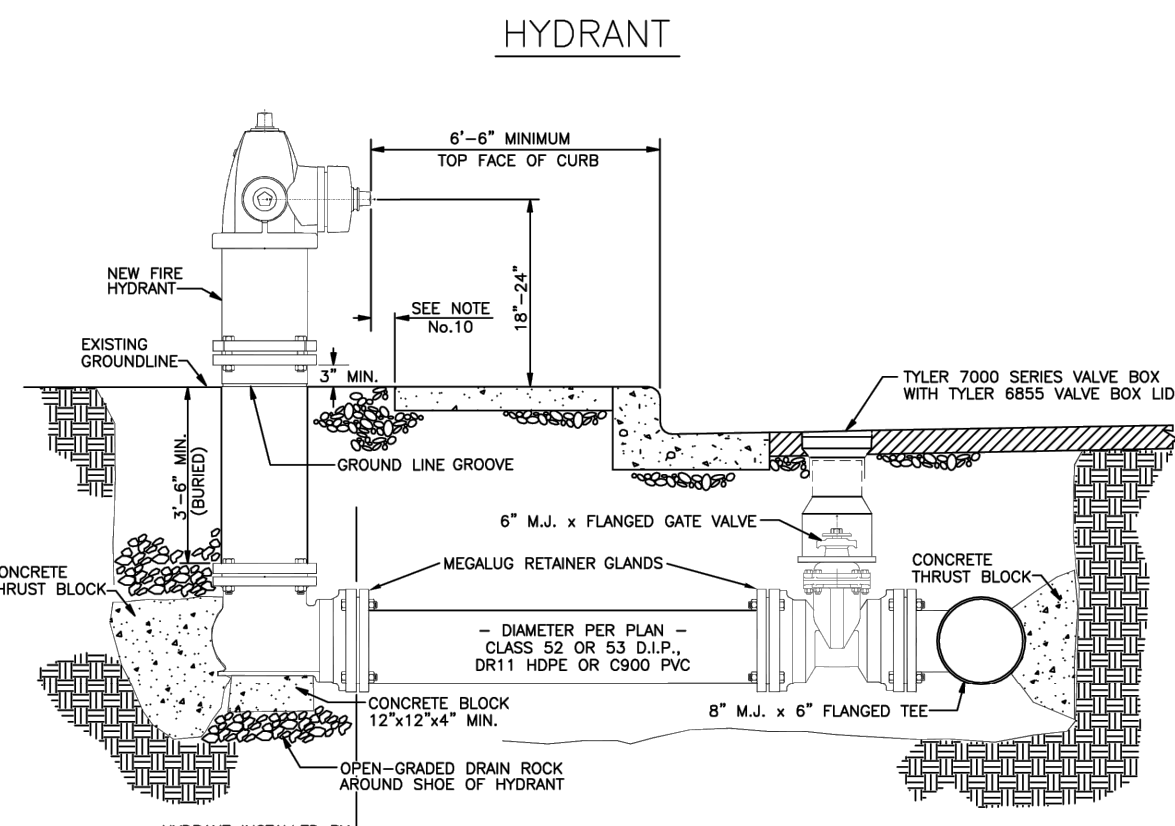
STANDARD MATERIALS
LIST FOR WATER

NO. **400**

ADOPTED

DATE: SHEET OF

HYDRANT



NOTES:

1. FIRE HYDRANT SHALL CONFORM TO AWWA G 502-80 AND SHALL BE KENNEDY "GUARDIAN" OR MUELLER "CENTURIAN". FIRE HYDRANT SHALL BE MECHANICAL JOINT UNLESS OTHERWISE NOTED ON THE PLAN AND APPROVED BY THE ENGINEER.
2. GATE VALVE SHALL BE RESILIENT SEAT, NON-RISING STEM CONFORMING TO C-509 AND SHALL BE MUELLER, KENNEDY OR AMERICAN FLOW CONTROL.
3. FIRE HYDRANT RESTRAINT SHALL BE MECHANICAL JOINT WITH MEGALUG RETAINER GLAND AND CONCRETE THRUST BLOCK WITH 3.6 S.F. BEARING AREA ON UNDISTURBED MATERIAL, AS SPECIFIED FOR A 90° BEND (SEE THRUST BLOCK STANDARD DETAIL).
4. THRUST BLOCK AT WF TEE SHALL BE PLACED PER CITY STANDARD DRAWING FOR THRUST BLOCKS UNLESS OTHERWISE NOTED ON THE PLAN AND APPROVED BY THE CITY ENGINEER.
5. PROVIDE 6 MIL. POLYETHYLENE SHEETING BETWEEN FITTINGS AND CONCRETE. LEAVE HYDRANT WEEP HOLES OPEN.
6. FIRE HYDRANT SHALL BE BACKFILLED WITH 3/4"-0 CRUSHED ROCK CONFORMING TO SECTION 00641 OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2002 AND SHALL BE COMPACTED TO 95% MAXIMUM DENSITY.
7. DRAIN ROCK SHALL BE 1" OPEN GRADED AND SHALL BE PLACED TO A POINT 6" ABOVE THE HYDRANT DRAIN.
8. EXTENSIONS (SPOOLS) FOR FIRE HYDRANT HEIGHT ADJUSTMENT WILL NOT BE PERMITTED.
9. WHERE NO SIDEWALK IS INSTALLED, THE CONTRACTOR SHALL INSTALL THE HYDRANT SO THAT THE STEAMER PORT IS 6 FEET FROM THE FACE OF CURB.
10. WHERE SIDEWALK IS GREATER THAN 5' WIDE, THE CONTRACTOR SHALL INSTALL NEW FIRE HYDRANT 1'-0" BEHIND BACK OF WALK.

REVISIONS

DESIGN: ENG. DEPT.

NO. DATE BY DRAWN: CDN

1 8/22/2002 CON CHECKED:

2 5/30/02 RKB APPROVED BY:

3 11/17/03 SEH

4 01/27/18 RWS

CITY ENGINEER

DATE:



CITY OF COTTAGE GROVE

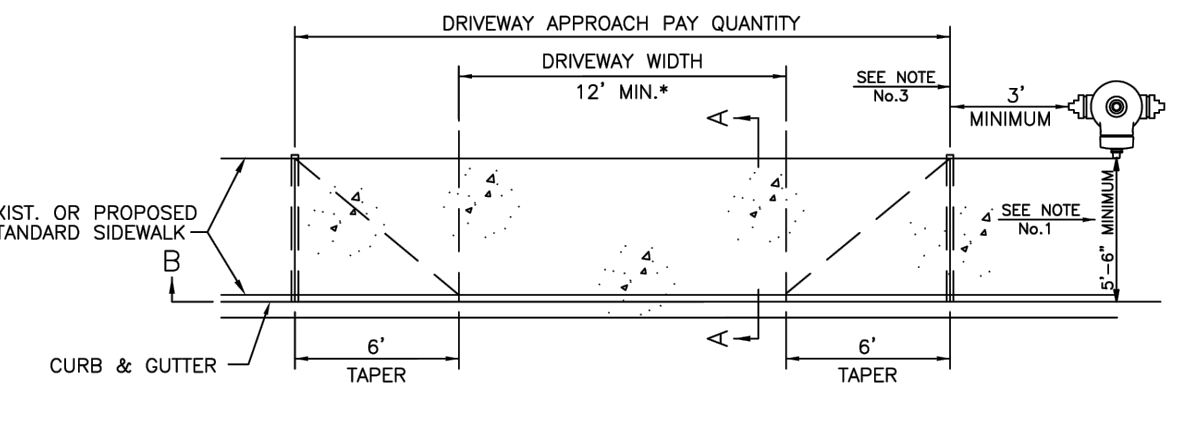
FIRE HYDRANT
ASSEMBLY

NO. **401**

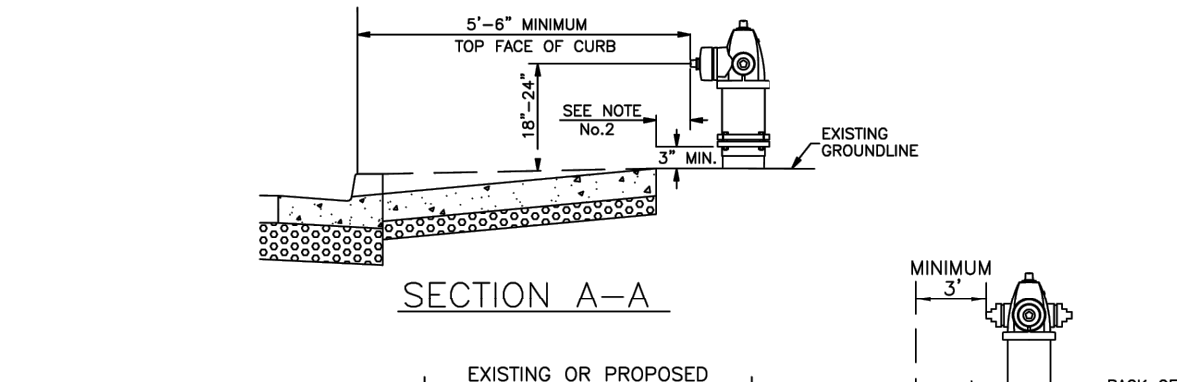
ADOPTED

DATE: SHEET OF

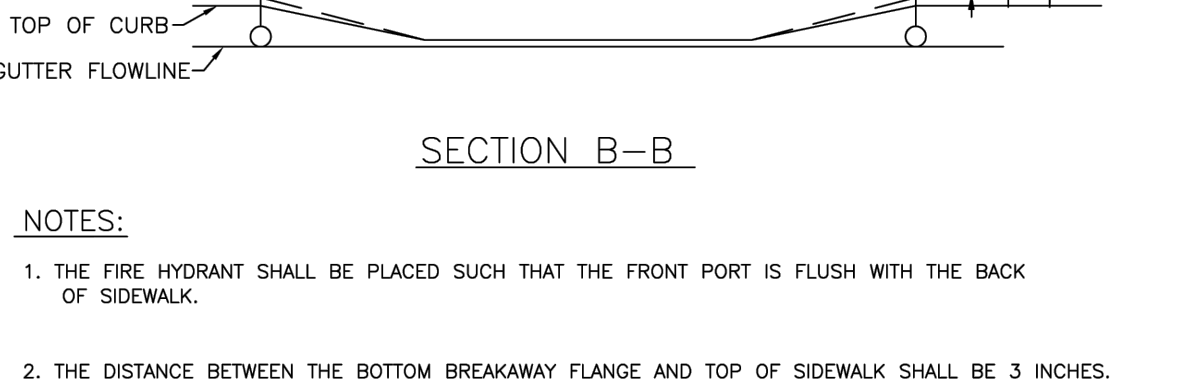
PLAN VIEW



SECTION A-A



SECTION B-B



NOTES:

1. THE FIRE HYDRANT SHALL BE PLACED SUCH THAT THE FRONT PORT IS FLUSH WITH THE BACK OF SIDEWALK.
2. THE DISTANCE BETWEEN THE BOTTOM BREAKAWAY FLANGE AND TOP OF SIDEWALK SHALL BE 3 INCHES.
3. THE DISTANCE BETWEEN THE TOP OF THE TAPER TO THE DISCHARGE PORT CAP SHALL BE A MINIMUM OF 3 FEET.

REVISIONS

DESIGN: ENG. DEPT.

NO. DATE BY DRAWN: LJJ

1 08/18/04 LJJ CHECKED:

CITY ENGINEER

DATE:



CITY OF COTTAGE GROVE

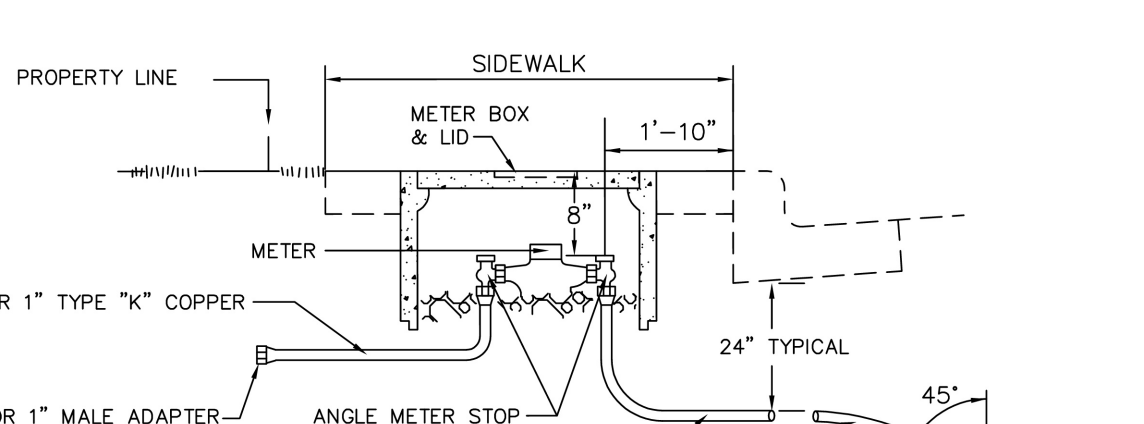
FIRE HYDRANT
PLACEMENT
STANDARD SIDEWALK

NO. **401B**

ADOPTED

DATE: SHEET OF

PLAN VIEW



NOTES:

1. 3/4" CORPORATION STOP SHALL BE FULL PORT, BALL TYPE, MUELLER B25008-3/4", FORD FB10004-Q, OR A.Y. McDONALD 4701BQ-3/4".
- 1" CORPORATION STOP SHALL BE FULL PORT, BALL TYPE, MUELLER B25008-1", FORD FB10003-Q, OR A.Y. McDONALD 4701BQ-1".
- 3/4" ANGLE METER STOP SHALL BE FULL PORT, BALL TYPE, MUELLER B-24258R-3/4", OR FORD BA43-332W-Q, OR A.Y. McDONALD 4642BQ-3/4" CTC MC.
- 1" ANGLE METER STOP SHALL BE FULL PORT, BALL TYPE, MUELLER B24258R-1", FORD BA43-444W-Q, OR A.Y. McDONALD 4642BQ-1" CTC MC.
3. WATER SERVICE LINE SHALL BE 3/4" OR 1" TYPE "K" SOFT COPPER PIPING CONFORMING TO ASTM B-88.
4. METER BOX SHALL BE FIBERLITE SP-C111 CHRISTY WITH SP-CLD37-1220C-DR COVER AND SP-C59-CI DROP-IN LID, OR APPROVED EQUAL. BOX INSIDE MEASUREMENTS: 11" X 18" X 12"
5. BACKFILL IN METER BOX SHALL BE 3/4"-0 CRUSHED ROCK TO THE BOTTOM OF THE METER.
6. TRENCH BACKFILL AND RESTORATION WORK (IF ANY) SHALL CONFORM TO CITY STANDARD DRAWINGS AND SPECIFICATIONS, AND ALL WORK SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER.
7. CITY SHALL INSTALL WATER METER, CHECK VALVE, AND SUPPLY LINE TO BACK PROPOSED OR EXISTING SIDEWALK.
8. SPACING BETWEEN OUTSIDE EDGES OF METER BOXES SHALL BE SIX (6) INCHES MINIMUM.

REVISIONS

DESIGN: ENG. DEPT.

NO. DATE BY DRAWN: CDN

1 5-14-01 SEH CHECKED:

2 11/18/03 SEH APPROVED BY:

CITY ENGINEER

DATE:



CITY OF COTTAGE GROVE

WATER SERVICE FOR
3/4" OR 1"
(MAINTENANCE DEPARTMENT)

NO. **403A**

ADOPTED

DATE: SHEET OF

(HORIZONTAL)
BEARING AREA OF THRUST BLOCKS
IN SQUARE FEET

FITTING SIZE	TEE, WYE, DEAD END AND HYDRANT	STRADDLE BLOCK	90° BEND PLUGGED CROSS	45° BEND	22-1/2° BEND	11-1/4° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND
4	1.0	1.6	1.4	1.9	1.4	1.0	---	---	---
6	2.1	3.7	3.0	4.3	3.0	1.6	1.0	---	---
8	3.8	6.5	5.3	7.6	5.4	2.9	1.5	1.0	2.3
10	5.9	10.2	8.4	11.8	8.4	4.6	2.4	1.2	3.7
12	8.5	14.7	12.0	17.0	12.0	6.6	3.4	1.7	5.5
14	11.5	---	16.3	23.0	16.3	8.9	4.6	2.3	7.6
16	15.0	26.1	21.3	30.0	21.3	11.6	6.0	3.0	9.9
18	19.0	---	27.0	38.0	27.0	14.6	7.6	3.8	---
20	23.5	40.8	33.3	47.0	33.3	18.1	9.4	4.7	---
24	34.0	58.8	48.0	68.0	48.0	26.2	13.6	6.8	---

(VERTICAL)
VOLUME OF THRUST BLOCK IN CUBIC YARDS

FITTING SIZE	TEE, WYE, DEAD END AND HYDRANT	STRADDLE BLOCK	90° BEND PLUGGED CROSS	45° BEND	22-1/2° BEND	11-1/4° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND
4	1.0	1.6	1.4	1.9	1.4	1.0	---	---	---
6	2.1	3.7	3.0	4.3	3.0	1.6	1.0	---	---
8	3.8	6.5	5.3	7.6	5.4	2.9	1.5	1.0	2.3
10	5.9	10.2	8.4	11.8	8.4	4.6	2.4	1.2	3.7
12	8.5	14.7	12.0	17.0	12.0	6.6	3.4	1.7	5.5
14	11.5	---	16.3	23.0	16.3	8.9	4.6	2.3	7.6
16	15.0	26.1	21.3	30.0	21.3	11.6	6.0	3.0	9.9
18	19.0	---	27.0	38.0	27.0	14.6	7.6	3.8	---
20	23.5	40.8	33.3	47.0	33.3	18.1	9.4	4.7	---
24	34.0	58.8	48.0	68.0	48.0	26.2	13.6	6.8	---

NOTES:

1. ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 150 PSI AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 POUNDS PER SQUARE FOOT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION:
BEARING AREA = (TEST PRESSURE / 150) x (2000 / SOIL BEARING STRESS) x (TABLE VALUE)
2. ABOVE VOLUMES BASED ON TEST PRESSURE OF 150 PSI AND THE WEIGHT OF CONCRETE = 4050 POUNDS PER CUBIC YARD. TO COMPUTE FOR DIFFERENT TEST PRESSURES, USE THE FOLLOWING EQUATION:
VOLUME = (TEST PRESSURE / 150) x (TABLE VALUE)

TEE

CROSS

STRADDLE BLOCK

BEND

CROSS

TEE

WYE

VERTICAL BEND

NOTES:

1. CONCRETE BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2. ALL CONCRETE TO BE CLASS 2400 MINIMUM.
3. INSTALL ISOLATION MATERIAL BETWEEN PIPE AND/OR FITTINGS BEFORE POURING CONCRETE BLOCKING.
4. CONCRETE SHALL BE KEPT CLEAR OF ALL JOINTS AND ACCESSORIES.
5. TIE RODS SHALL BE DEFORMED GALVANIZED COLD ROLLED STEEL, 40000 PSI TENSILE STRENGTH.

RODS FOR VERTICAL BENDS

FITTING SIZE	ROD SIZE	EMBEDMENT
12" AND LESS	#6	30"
14"-16"	#8	36"

REVISIONS

DESIGN: ENG. DEPT.

NO. DATE BY DRAWN: CDN

1 11/18/03 SEH CHECKED:

CITY ENGINEER

DATE:



CITY OF COTTAGE GROVE

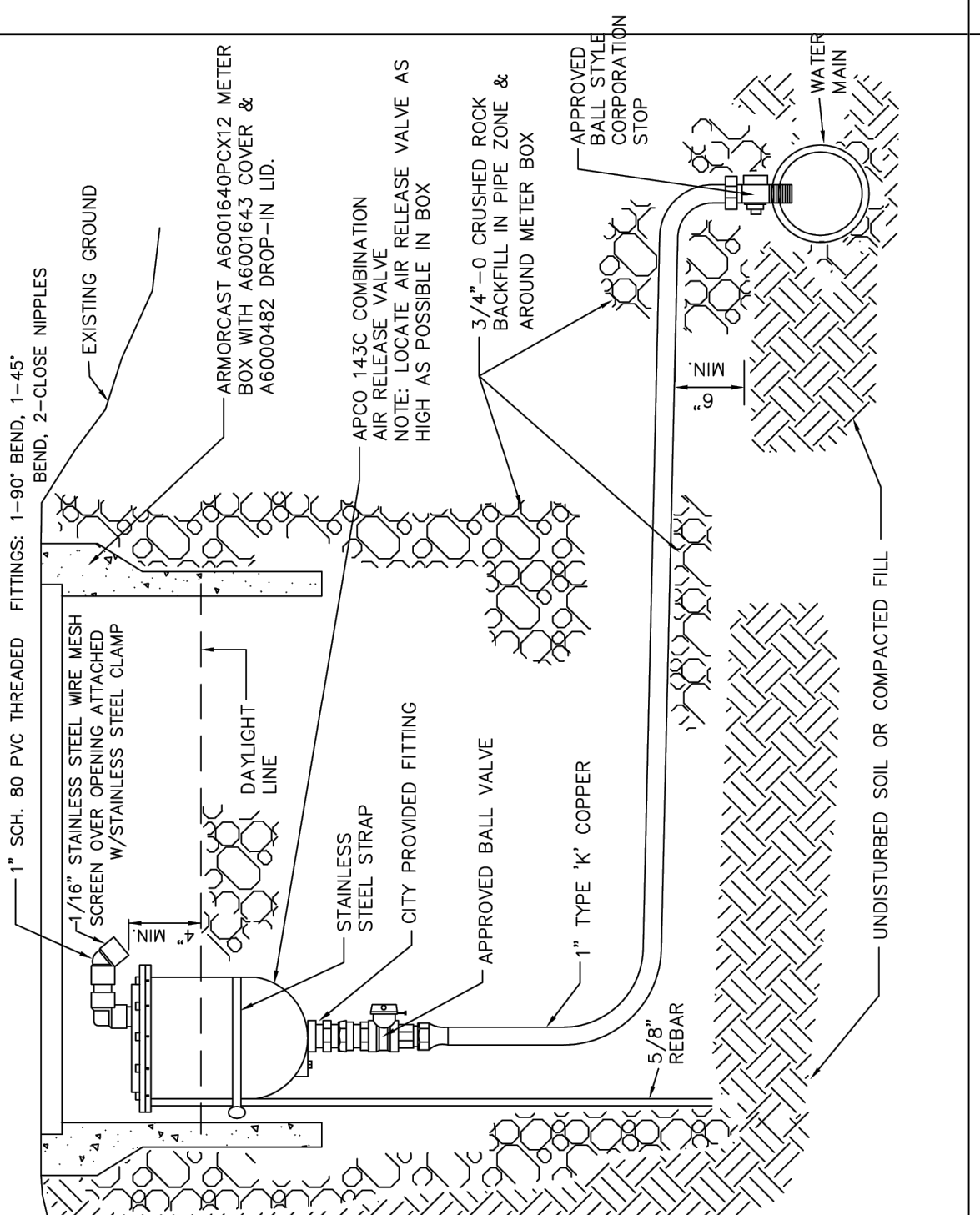
THRUST BLOCKING

NO. **402**

ADOPTED

DATE: SHEET OF

1" COMBINATION
AIR RELEASE VALVE



REVISIONS

DESIGN: ENG. DEPT.

NO. DATE BY DRAWN: CDN

1 11/18/03 SEH CHECKED:

CITY ENGINEER

DATE:



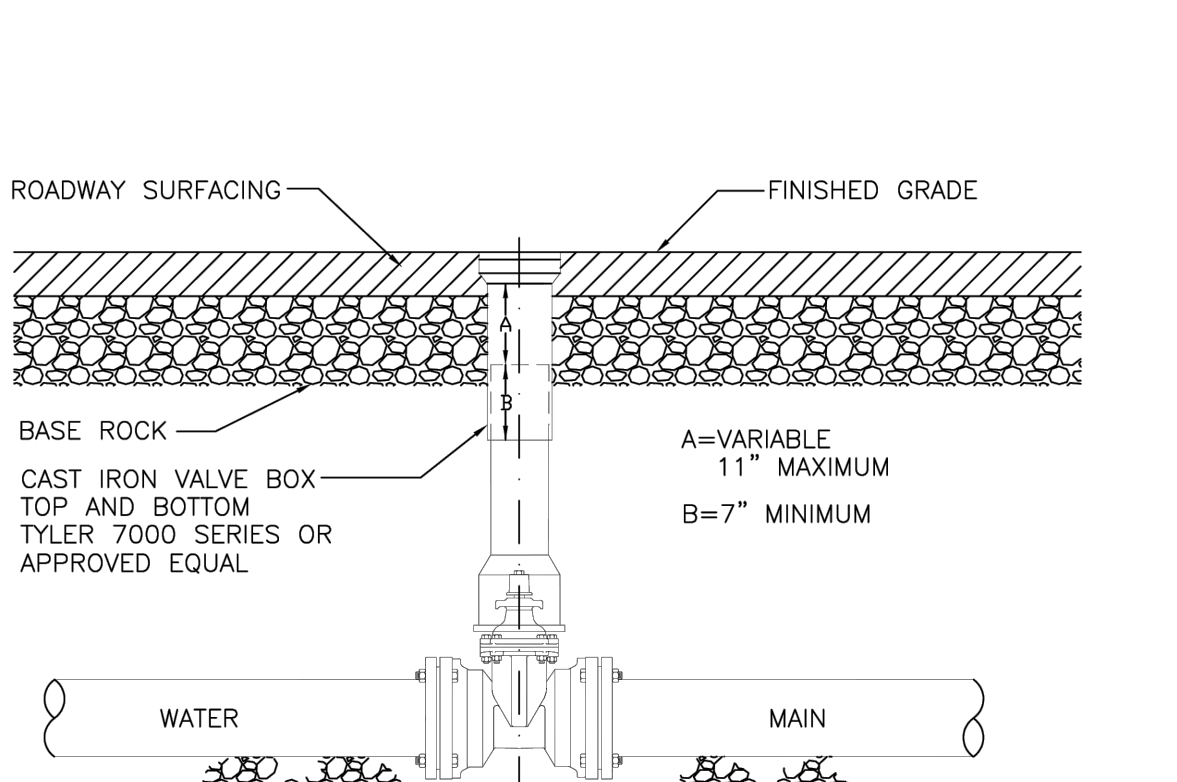
CITY OF COTTAGE GROVE

NO. **406**

ADOPTED

DATE: SHEET OF

VALVE BOX



NOTES:

1. VALVE BOXES SHALL BE CENTERED DIRECTLY OVER THE VALVE NUT AND SHALL BE PLACED IN A VERTICAL POSITION.
2. VALVE BOX TOP SHALL BE ADJUSTED TO MEET FINISHED GRADE.
3. VALVE BOX BOTTOM SHALL BE AS SPECIFIED ABOVE. PVC OR COUPLERS WILL NOT BE PERMITTED.
4. VALVE BOX TOP AND BOTTOM OVERLAP SHALL BE A MINIMUM OF 7 INCHES.

REVISIONS

DESIGN: ENG. DEPT.

NO. DATE BY DRAWN: SEH

1 11/18/03 SEH CHECKED: RKB

CITY ENGINEER

DATE:



CITY OF COTTAGE GROVE

WATER VALVE BOX

NO. **408**

ADOPTED

DATE: SHEET OF

REVISIONS:

No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET
CAPITAL IMPROVEMENT PROJECT

DETAIL SHEET 4

Sheet No.
C6.04

JOB No. 23-001C

DRAWN BY: MBW

CHECKED BY: AWMS

DATE: 12/12/2024

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DAMIEN GILBERT

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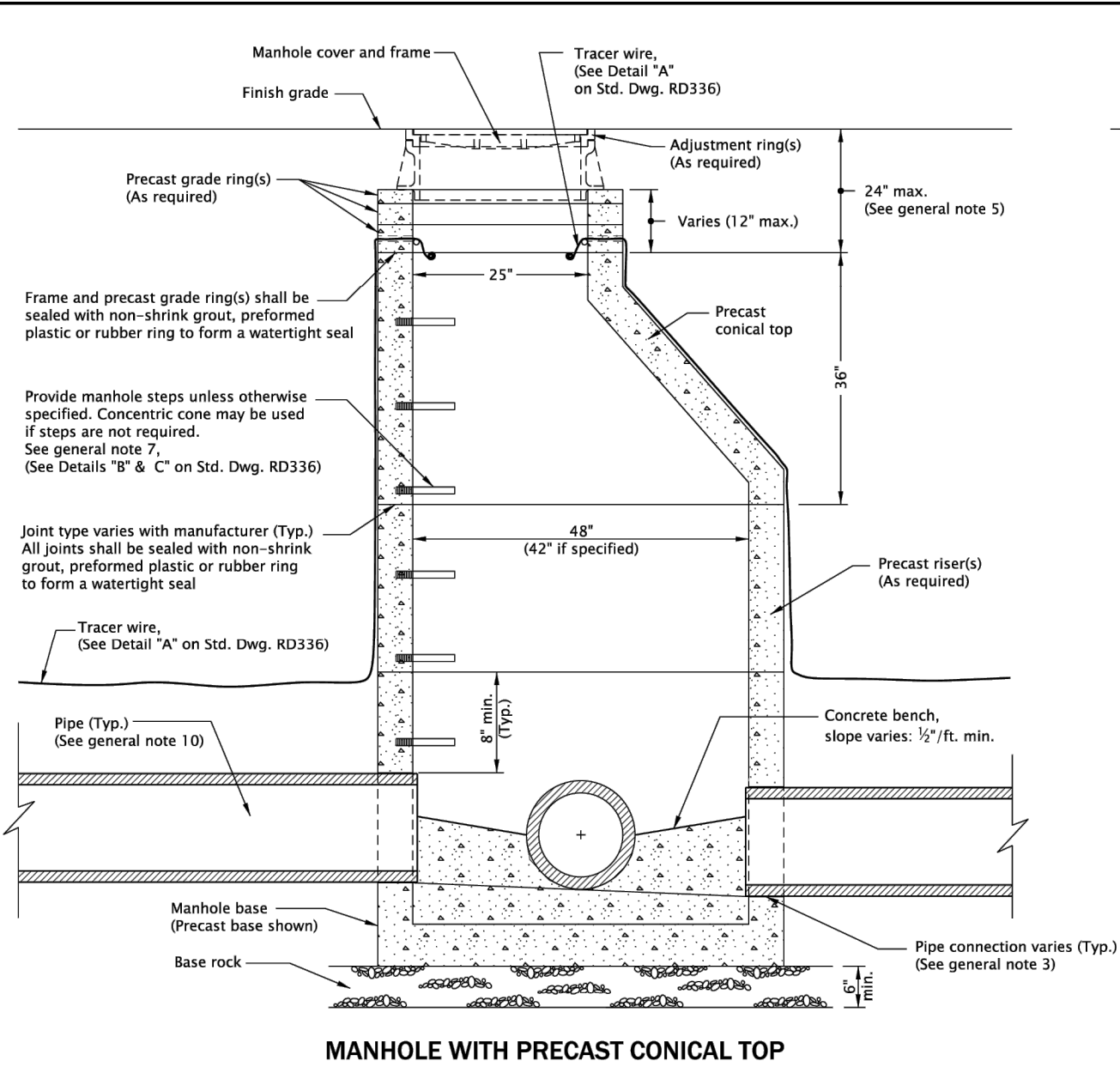


400 Main Street Cottage Grove, OR 97424

Z:\2023\23-01-C Cottage Grove South Road & Bridge Feasibility\Civil\Production Drawings\Construction Sheets\23-01-C.C.C. CIP-DETAILS.dwg 12/18/2024 3:27 PM ANDREWS

RD338.dgn

20-JUL-2020



MANHOLE WITH PRECAST CONICAL TOP

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All precast products shall conform to requirements of ASTM C478.
2. Standard precast manhole section diameter shall be 48". Use 42" if specified by the Engineer.
3. See Std. Dwg. RD345 for pipe to manhole connections.
4. See Std. Dwg. RD344 for manhole base section.
5. Adjust 24" maximum.
6. All connecting pipes shall have a tracer wire, or approved alternate.
7. See Std. Dwg. RD336 for manhole steps.
8. See Std. Dwg. RD336 for details not shown.
9. See Std. Dwg. RD356 for manhole covers and frames, manhole adjustment rings, etc.
10. Max. pipe diameter varies with pipe material.
11. See Std. Dwg. RD342 for shallow manholes.
12. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
13. This detail limited to interior drop of 24". See Dwg. RD350 or RD352 for drop manhole details for drops in excess of 24".

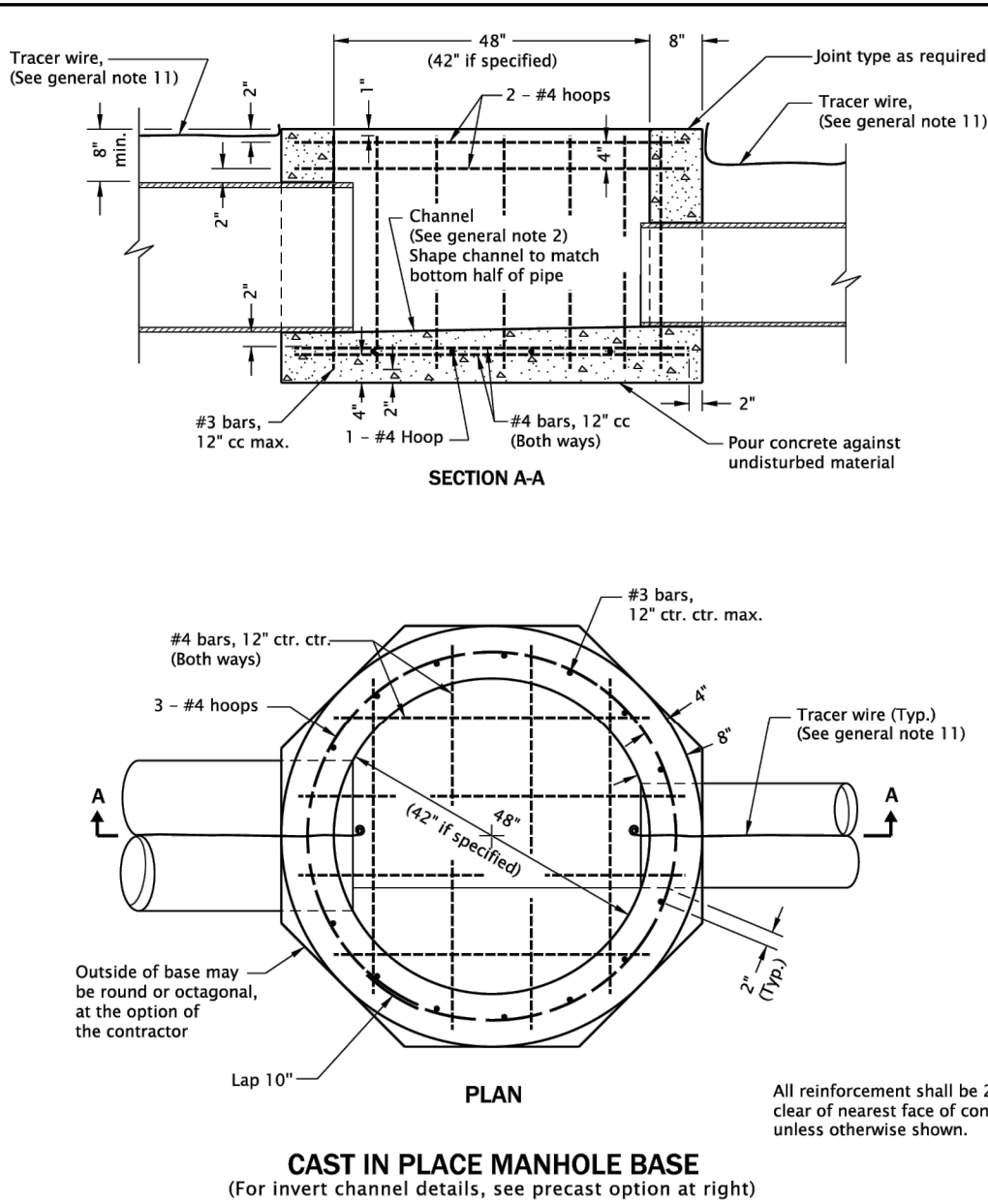
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
STANDARD			
SANITARY SEWER MANHOLE			
2024			
DATE	REVISION DESCRIPTION		
CALC. BOOK NO.	N/A	SOP DATE	24-JUN-2019
			RD338

Effective Date: December 1, 2024 – May 31, 2025

RD344.dgn

20-JUL-2020



CAST IN PLACE MANHOLE BASE

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All concrete shall be commercial grade concrete.
2. Channels shall be constructed to provide smooth slopes and radii to outlet pipe.
3. Bases may be precast or cast in place.
4. Max. pipe diameter varies with pipe material.
5. Use on 42" and 48" diameter manhole.
6. Extend pipe into manhole and grout smooth. Pipe(s) may extend 2" max. beyond the interior manhole wall.
7. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
8. All precast products shall conform to the requirements of ASTM C478.
9. See Std. Dwg. RD345 for pipe to manhole connections.
10. See Std. Dwg. RD336 for manhole steps details.
11. See Std. Dwg. RD336 for tracer wire details.
12. At spring line of pipe, extend channel up to crown line on 12:1 batter.

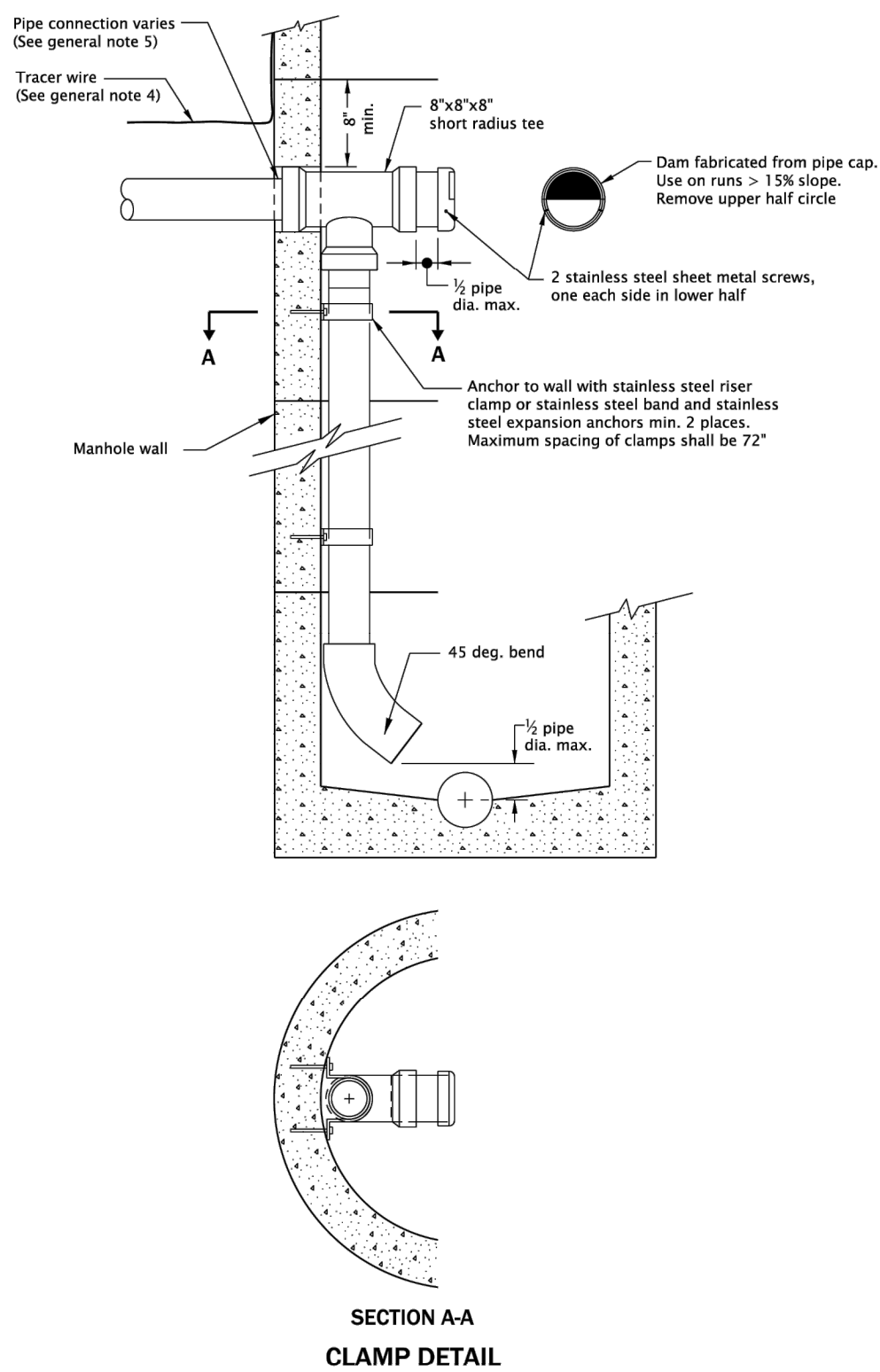
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
STANDARD MANHOLE			
BASE SECTION			
2024			
DATE	REVISION DESCRIPTION		
CALC. BOOK NO.	N/A	SOP DATE	24-JUL-2014
			RD344

Effective Date: December 1, 2024 – May 31, 2025

RD350.dgn

20-JUL-2020



SECTION A-A CLAMP DETAIL

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Only one inside drop per manhole.
2. PVC shall be ASTM D3034 SDR35.
3. See Std. Dwg. RD336 for manhole steps details.
4. See Std. Dwg. RD336 for tracer wire details.
5. See Std. Dwg. RD345 for pipe to manhole connections.
6. See appropriate manhole standard drawings for details not shown.
7. Max. incoming pipe diameter 8". Drop pipe and fittings shall match incoming pipe.
8. Location, elevation, diameter, and slope of incoming pipe varies, see project plans.

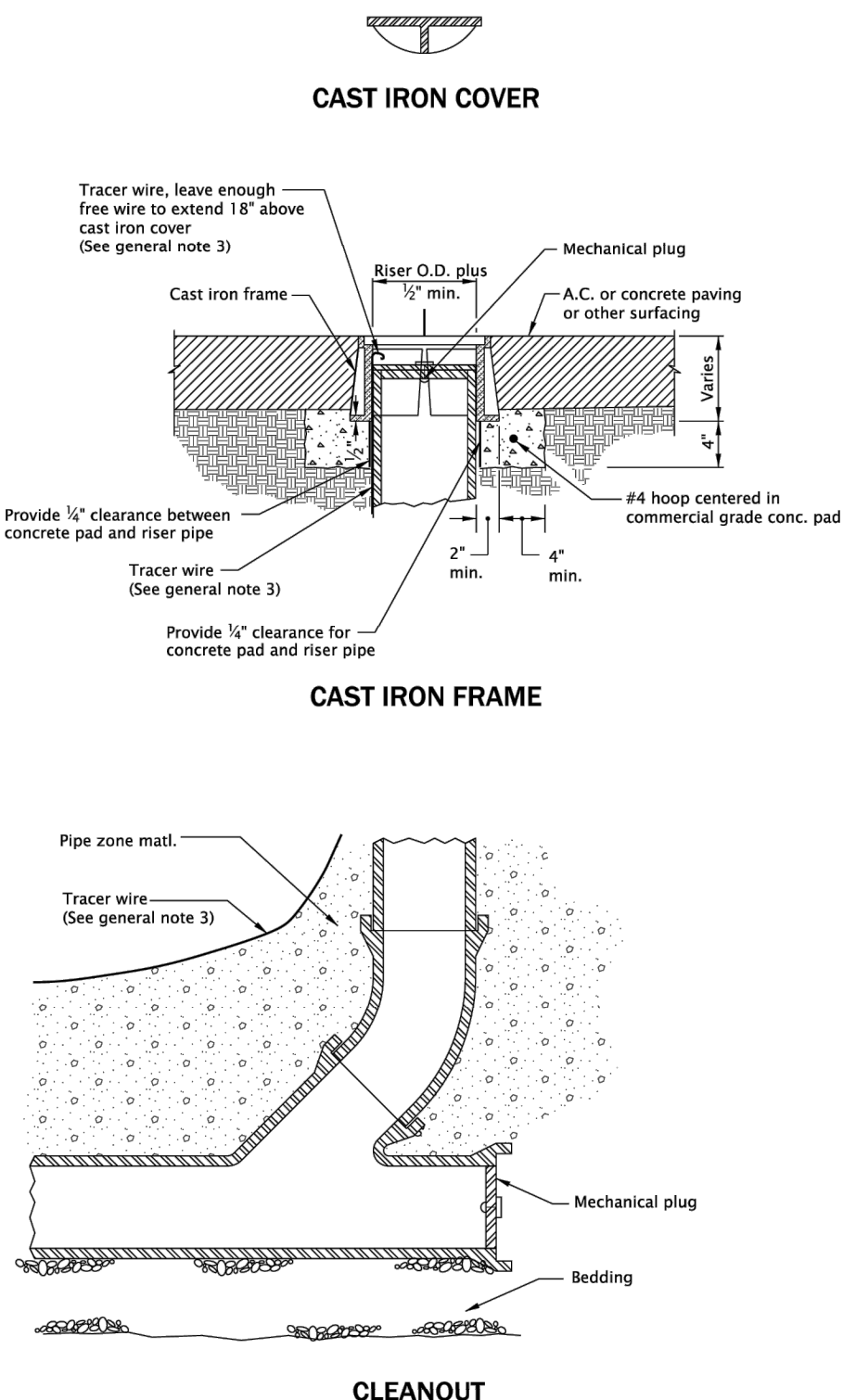
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
SANITARY SEWER PIPED			
INSIDE DROP CONNECTION			
FOR MANHOLES			
2024			
DATE	REVISION DESCRIPTION		
CALC. BOOK NO.	N/A	SOP DATE	24-JUL-2014
			RD350

Effective Date: December 1, 2024 – May 31, 2025

RD362.dgn

20-JUL-2020



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

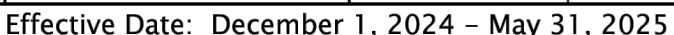
All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
SANITARY CLEANOUT			
2024			
DATE	REVISION DESCRIPTION		
CALC. BOOK NO.	N/A	SOP DATE	24-JUL-2014
			RD362

Effective Date: December 1, 2024 – May 31, 2025



REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
DETAIL SHEET 5			
Sheet No. C6.05			JOB No. 23-001C
DRAWN BY: MBW	CHECKED BY: AWMS	DATE: 12/12/2024	



BMP MATRIX FOR CONSTRUCTION PHASE

BMP	CLEARING/ DEMO	MASS GRADING/ STREET/UTILITY CONSTRUCTION	FINAL STABILIZATION
BIOBAGS	X	X	X
BIOSWALES			
CHECK DAMS			
COMPOST BERM			
COMPOST BLANKETS			
COMPOST SOCKS			
CONCRETE TRUCK WASHOUT		X	
CONSTRUCTION ENTRANCE	X	X	
DEWATERING (TREATMENT LOCATION, SCHEMATIC & SAMPLING PLAN REQUIRED)			
DRAINAGE SWALES			
EARTH DIKES (STABILIZED)			
ENERGY DISSIPATORS			
EROSION CONTROL BLANKETS AND MATS (SPECIFY TYPE)			
HYDROSEEDING			
INLET PROTECTION	X	X	X
MULCHES (SPECIFY TYPE)			
MYCORRHIZAE/BIOFERTILIZERS			
NATURAL BUFFER ZONES			
ORANGE FENCING (PROTECTING SENSITIVE/PRESERVED AREAS)			
OUTLET PROTECTION			X
PERMANENT SEEDING AND PLANTING			X
PIPE SLOPE DRAINS			
PLASTIC SHEETING	X	X	
PRESERVE EXISTING VEGETATION	X	X	X
SEDIMENT FENCE			
SEDIMENT BARRIER	X	X	X
SEDIMENT TRAP			
SODDING			
SOIL TRACKIFIERS			
STORM DRAIN INLET PROTECTION	X	X	X
STRAW WATTLES (OR OTHER MATERIALS)			
TEMPORARY DIVERSION DIKES			
TEMPORARY OR PERMANENT SEDIMENTATION BASINS			
TEMPORARY SEEDING AND PLANTING			
TREATMENT SYSTEM (OPERATION &MAINTENANCE PLAN REQUIRED)			
UNPAVED ROADS GRAVELED OR OTHER BMP ON ROAD			
VEGETATIVE BUFFER STRIPS			

INSPECTION SCHEDULE

SITE CONDITION	MINIMUM FREQUENCY
1. ACTIVE PERIOD	ON INITIAL DATE THAT LAND DISTURBANCE ACTIVITIES COMMENCE. WITHIN 24 HOURS OF ANY STORM EVENT, INCLUDING RUNOFF FROM SNOW MELT, THAT RESULTS IN DISCHARGE FROM THE SITE. AT LEAST ONCE EVERY 14 DAYS, REGARDLESS OF WETHER STORMWATER RUNOFF IS OCCURRING.
2. INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS	THE INSPECTOR MAY REDUCE THE FREQUENCY OF INSPECTIONS IN ANY AREA OF THE SITE WHERE THE STABILIZATION STEPS IN SECTION 2.2.20 HAVE BEEN COMPLETED TO TWICE PER MONTH FOR THE FIRST MONTH, NO LESS THAN 14 CALENDAR DAYS APART, THEN ONCE PER MONTH.
3. PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER	IF SAFE, ACCESSIBLE AND PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT DISCHARGE POINT OR DOWNSTREAM LOCATION OF THE RECEIVING WATERBODY.
4. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE SUSPENDED AND RUNOFF IS UNLIKELY DUE TO FROZEN CONDITIONS.	VISUAL MONITORING INSPECTIONS MAYBE TEMPORARILY SUSPENDED. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.
5. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE CONDUCTED AND RUNOFF IS UNLIKELY DURING FROZEN CONDITIONS.	VISUAL MONITORING INSPECTIONS MAYBE REDUCED TO ONCE A MONTH. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.

RATIONAL STATEMENT

A COMPREHENSIVE LIST OF AVAILABLE BEST MANAGEMENT PRACTICES (BMP) OPTIONS BASED ON DEQ'S GUIDANCE MANUAL HAS BEEN REVIEWED TO COMPLETE THIS EROSION AND SEDIMENT CONTROL PLAN. SOME OF THE ABOVE LISTED BMPs WERE NOT CHOSEN BECAUSE THEY WERE DETERMINED TO NOT EFFECTIVELY MANAGE EROSION PREVENTION AND SEDIMENT CONTROL FOR THIS PROJECT BASED ON SPECIFIC SITE CONDITIONS, INCLUDING SOIL CONDITIONS TOPOGRAPHIC CONSTRAINTS, ACCESSIBILITY TO THE SITE, AND OTHER RELATED CONDITIONS. AS THE PROJECT PROGRESSES AND THERE IS A NEED TO REVISE THE ESC PLAN, AN ACTION PLAN WILL BE SUBMITTED

AUTHORIZED NON-STORMWATER DISCHARGES

- WATER AND ASSOCIATED DISCHARGES FROM EMERGENCY FIREFIGHTING ACTIVITIES
- FIRE HYDRANT FLUSHING
- PROPERLY MANAGED LANDSCAPING IRRIGATION
- WATER USED TO WASH EQUIPMENT AND VEHICLES (EXCLUDING THE ENGINE, UNDERCARRIAGE, AND WHEELS/TIRES) PROVIDED THERE IS NO DISCHARGE OF SOAPS, SOLVENTS, OR DETERGENTS USED
- WATER USED TO CONTROL DUST
- POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS
- EXTERNAL BUILDING WASHDOWN, PROVIDED SOAPS, SOLVENTS, AND DETERGENTS ARE NOT USED, AND EXTERNAL SURFACES DO NOT CONTAIN HAZARDOUS SUBSTANCES
- PAVEMENT WASH WATERS, PROVIDED SPILLS OR LEAKS OF TOXIC OR HAZARDOUS SUBSTANCES HAVE NOT OCCURRED (UNLESS ALL SPILL MATERIAL HAS BEEN REMOVED) AND WHERE SOAPS, SOLVENTS, AND DETERGENTS ARE NOT USED. DIRECTING PAVEMENT WASH WATERS INTO ANY SURFACE WATER, STORM DRAIN INLET, OR STORMWATER CONVEYANCE IS PROHIBITED, UNLESS THE CONVEYANCE IS CONNECTED TO A SEDIMENT BASIN, SEDIMENT TRAP, OR SIMILARLY EFFECTIVE CONTROL FOR THE POLLUTANTS PRESENT. PER 2.2.19.b, HOISING OF ACCUMULATED SEDIMENTS ON PAVEMENT INTO ANY STORMWATER CONVEYANCE IS PROHIBITED
- UNCONTAMINATED, NON-TURBID DISCHARGES OF GROUNDWATER OR SPRING WATER
- FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS OR CONTAMINATED GROUNDWATER
- CONSTRUCTION DEWATERING ACTIVITIES (INCLUDING GROUNDWATER DEWATERING AND WELL DRILLING DISCHARGE ASSOCIATED WITH THE REGISTERED CONSTRUCTION ACTIVITY), PROVIDED THAT:
 - THE WATER IS LAND APPLIED IN A WAY THAT RESULTS IN COMPLETE INFILTRATION WITH NO POTENTIAL TO DISCHARGE TO A SURFACE WATER OF THE STATE, OR THE USE OF A SANITARY OR COMBINED SEWER DISCHARGES AUTHORIZED WITH LOCAL SEWER DISTRICT APPROVAL, OR
 - BEST MANAGEMENT PRACTICES AND A TREATMENT SYSTEM APPROVED BY DEQ OR AGENT (SEE SECTION 2.2.9) ARE USED TO ENSURE COMPLIANCE WITH DISCHARGE AND WATER QUALITY REQUIREMENTS IN SECTION 2.4

CLEVELAND STREET CAPITAL IMPROVEMENT PROJ.

EROSION & SEDIMENT CONTROL PLAN/1200-C PERMIT

COTTAGE GROVE, OREGON

DEQ GENERAL NOTES

- ONCE KNOWN, INCLUDE A LIST OF ALL CONTRACTORS THAT WILL ENGAGE IN CONSTRUCTION ACTIVITIES ON SITE, AND THE AREAS OF THE SITE WHERE THE CONTRACTOR(S) WILL ENGAGE IN CONSTRUCTION ACTIVITIES. REVISE LIST AS APPROPRIATE UNTIL PERMIT COVERAGE IS TERMINATED (SECTION 4.4.c.i). IN ADDITION, INCLUDE A LIST OF ALL PERSONNEL (BY NAME AND POSITION) THAT ARE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF STORMWATER CONTROL MEASURES (e.g. ESCP DEVELOPER, BMP INSTALLER (SEE SECTION 4.10), AS WELL AS THEIR INDIVIDUAL RESPONSIBILITIES. (SECTION 4.4.c.ii)
- VISUAL MONITORING INSPECTION REPORTS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS. (SECTION 6.5)
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS. (SECTION 6.5.0)
- RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. (SECTION 4.7)
- THE PERMIT REGISTRANT MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. (SECTIONS 4 AND 4.11)
- THE ESCP MUST BE ACCURATE AND REFLECT SITE CONDITIONS. (SECTION 4.8)
- SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT WITHIN 10 DAYS. (SECTION 4.9)
- SEQUENCE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SECTION 2.2.2)
- CREATE SMOOTH SURFACES BETWEEN SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS TO PREVENT STORMWATER FROM BYPASSING CONTROLS AND PONDING. (SECTION 2.2.3)
- IDENTIFY, MARK, AND PROTECT RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. (SECTION 2.2.1)
- PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. (SECTION 2.2.5)
- MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITHIN THE 50-FEET OF WATERS OF THE STATE. (SECTION 2.2.4)
- INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION AS WELL AS ALL SEDIMENT BASINS, TRAPS, AND BARRIERS PRIOR TO LAND DISTURBANCE. (SECTIONS 2.1.3)
- CONTROL BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND DOWNSTREAM CHANNELS AND STREAMBANKS. (SECTIONS 2.1.1. AND 2.2.16)
- CONTROL SEDIMENT AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY. (SECTIONS 2.2.6 AND 2.2.13)
- ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (SECTION 2.2.14)
- APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY OR PERMANENT STABILIZATIONS MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTENDED TO BE LEFT UNVEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS.(SECTIONS 2.2.20 AND 2.2.21)
- ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SECTION 2.3.7)
- KEEP WASTE CONTAINER LIDS CLOSED WHEN NOT IN USE AND CLOSE LIDS AT THE END OF THE BUSINESS DAY FOR THOSE CONTAINERS THAT ARE ACTIVELY USED THROUGHOUT THE DAY. FOR WASTE CONTAINERS THAT DO NOT HAVE LIDS, PROVIDE EITHER (1) COVER (E.G., A TARP, PLASTIC SHEETING, TEMPORARY ROOF) TO PREVENT EXPOSURE OF WASTES TO PRECIPITATION, OR (2) A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS (E.G., SECONDARY CONTAINMENT). (SECTION 2.3.3)
- PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPs SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMPs MUST BE IN PLACE PRIOR TO LAND- DISTURBING ACTIVITIES. (SECTION 2.2.7)
- WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (SECTION 2.2.7.f)
- CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE, I.E., CONCRETE WASH-OUT, WASTEWATER FROM CLEANOUT OF STUCCO, PAINT AND CURING COMPOUNDS. (SECTIONS 1.5 AND 2.3.9)
- ENSURE THAT STEEP SLOPE AREAS WHERE CONSTRUCTION ACTIVITIES ARE NOT OCCURRING ARE NOT DISTURBED. (SECTION 2.2.10)
- PREVENT SOIL COMPACTION IN AREAS WHERE POST-CONSTRUCTION INFILTRATION FACILITIES ARE TO BE INSTALLED. (SECTION 2.2.12)
- USE BMPs TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SOILS, VEHICLES, AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER, PESTICIDES AND HERBICIDES, PAINTS, SOLVENTS, CURING COMPOUNDS AND ADHESIVES FROM CONSTRUCTION OPERATIONS. (SECTIONS 2.2.15 AND 2.3)
- PROVIDE PLANS FOR SEDIMENTATION BASINS THAT HAVE BEEN DESIGNED PER SECTION 2.2.17 AND STAMPED BY AN OREGON PROFESSIONAL ENGINEER. (SEE SECTION 2.2.17.A)
- IF ENGINEERED SOILS ARE USED ON SITE, A SEDIMENTATION BASIN/IMPONDUMENT MUST BE INSTALLED. (SEE SECTIONS 2.2.17 AND 2.2.18)
- PROVIDE A DEWATERING PLAN FOR ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER SEEPAGE DUE TO SHALLOW EXCAVATION ACTIVITIES. (SEE SECTION 2.4)
- IMPLEMENT THE FOLLOWING BMPs WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (SECTION 2.3)
- USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (SECTION 2.2.9)
- THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (SECTION 2.3.5)
- IF AN ACTIVE TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN ENVIRONMENTAL MANAGEMENT PLAN APPROVAL FROM DEQ BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (SECTION 1.2.9)
- TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (SECTION 2.2)
- AS NEEDED BASED ON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMPs MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (SECTION 2.2.8)
- SEDIMENT FENCES REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. (SECTION 2.1.5.b)
- OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL. (SECTION 2.1.5.c)
- CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. (SECTION 2.1.5.d)
- WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN-UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS REQUIRED TIMEFRAME. (SECTION 2.2.19.a)
- THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. (SECTION 2.2.19)
- DOCUMENT ANY PORTION(S) OF THE SITE WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WILL BE TEMPORARILY INACTIVE FOR 14 OR MORE CALENDAR DAYS. (SECTION 6.5.f)
- PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (SECTION 2.2.20)
- DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED, ALL TEMPORARY EROSION CONTROLS AND RETAINED SOILS MUST BE REMOVED AND DISPOSED OF PROPERLY, UNLESS NEEDED FOR LONG TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE. (SECTION 2.2.21)

EROSION & SEDIMENT CONTROL PLAN (ESCP) NOTES

- PRIOR TO ANY GROUND DISTURBANCE ON THE SITE, ONE INSPECTION WITH DEQ STAFF IS REQUIRED. ISSUANCE OF THIS PLAN DOES NOT RELIEVE THE PERMIT HOLDER AND/OR THE CONTRACTOR FROM ALL OTHER PERMITTING REQUIREMENTS. PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES, ALL OTHER NECESSARY APPROVALS SHALL BE OBTAINED.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE MEASURES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE.
- THE IMPLEMENTATION OF THE EROSION, CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE EROSION AND SEDIMENT CONTROL MEASURES IS THE RESPONSIBILITY OF THE PERMIT HOLDER AND/OR THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED AND VEGETATION/LANDSCAPING IS ESTABLISHED.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD BY THE ENGINEER PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE PERMIT HOLDER AND/OR THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- THE EROSION AND SEDIMENT CONTROL MEASURES ON ACTIVE SITES SHALL BE INSPECTED AND MAINTAINED DAILY AND WITHIN THE 24 HOURS AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF RAIN PER 24 HOUR PERIOD. MEASURES SHALL BE INSPECTED BY THE PERMIT HOLDER AND/OR THE CONTRACTOR AFTER EACH RAINFALL, AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS OR ADJUSTMENTS SHALL BE MADE IMMEDIATELY. THE EROSION AND SEDIMENT CONTROL MEASURES ON INACTIVE SITES SHALL BE INSPECTED A MINIMUM OF ONCE EVERY TWO (2) WEEKS OR WITHIN 48 HOURS FOLLOWING A STORM EVENT.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES. CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT RE-VEGETATION HAS BEEN STABILIZED. ANY MEASURE THAT IS DAMAGED OR DESTROYED SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
- ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO DAYS DURING THE WET SEASON (OCTOBER 1 TO APRIL 30) OR SEVEN DAYS DURING THE DRY SEASON (MAY 1 TO SEPTEMBER 30) SHALL BE IMMEDIATELY STABILIZED WITH AN APPROVED ESC METHOD (SEEDING & MULCHING WITH STRAW, BARK, COMPOST, OR PLASTIC COVERING, ETC.).
- STREET SWEEPING SHALL BE PERFORMED AS NEEDED OR WHEN DIRECTED BY THE CITY INSPECTOR TO ENSURE PUBLIC RIGHTS-OF-WAY ARE KEPT CLEAN AND FREE OF DEBRIS. STREET FLUSHING IS PROHIBITED.
- WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER WATER-TIGHT TRUCKS SHALL BE USED OR LOADS SHALL BE DRAINED ON SITE UNTIL DRIPPING HAS BEEN REDUCED TO NO MORE THAN ONE GALLON PER HOUR. SEDIMENT LADEN WATER WILL NOT BE ALLOWED TO ENTER THE STORM WATER SYSTEM.
- EXTRACTED GROUND WATER FROM EXCAVATED TRENCHES SHALL BE DISPOSED OF IN A SUITABLE MANNER WITHOUT DAMAGE TO ADJACENT PROPERTY, CITY'S STORM WATER SYSTEM, WATER FEATURES, AND RELATED NATURAL RESOURCES. APPROVAL OF A DEWATERING SYSTEM DOES NOT GUARANTEE THAT IT WILL MEET COMPLIANCE OR BE ACCEPTABLE FOR USE IN ALL SITUATIONS. MODIFICATIONS TO THE DEWATERING SYSTEM WILL BE REQUIRED IF COMPLIANCE CAN NOT BE MET. AT NO TIME WILL SEDIMENT LADEN WATER BE ALLOWED TO LEAVE THE CONSTRUCTION SITE.
- A SUPPLY OF MATERIALS NECESSARY TO MEET COMPLIANCE AND IMPLEMENT THE ESCP OR OTHER BEST MANAGEMENT EROSION PRACTICES UNDER ALL WEATHER CONDITIONS SHALL BE MAINTAINED AT ALL TIMES ON THE CONSTRUCTION SITE.
- NO HAZARDOUS SUBSTANCES, SUCH AS PAINT, THINNERS, FUELS, AND OTHER CHEMICALS SHALL BE RELEASED ONTO THE SITE, ADJACENT PROPERTIES, OR INTO WATER FEATURES, THE CITY'S STORM WATER SYSTEM, OR RELATED RESOURCES.
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED TO ENSURE CONTINUED PROPER FUNCTIONING. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES DURING THE WET SEASON (OCTOBER 1 TO APRIL 30) AND OF MONTHLY REVIEWS DURING THE DRY SEASON (MAY 1 TO SEPTEMBER 30).

SAWCUTTING MEASURES

- IF SAWCUTTING, CONTRACTOR SHALL FOLLOW THIS THREE-STEP PROCEDURE TO ELIMINATE DISCHARGE.
- BLOCK DRAINS. LOCATE ALL NEARBY STORM DRAIN INLETS, CULVERTS, AND CATCH BASINS THROUGH WHICH SLURRY DISCHARGES MAY ENTER A WATERWAY. IF YOU ARE WITHIN ACCESS OF A STORM DRAIN INLET, BLOCK THE PATH TO THE NEAREST DRAIN. EITHER DIVERF FLOWS OR BERM INLETS TO POOL WATER AWAY FROM DRAINS. ANOTHER OPTION IS TO SEAL OR PLUG THE INLET.
 - MINIMIZE SLURRY MOVEMENT. SLURRY AND SEDIMENT FROM SAWCUTTING OPERATIONS SHOULD BE CONFINED TO THE IMMEDIATE WORK AREA BY USING TEMPORARY BERMS OR DIVERSION STRUCTURES. MINIMIZE THE TRACKING OF SLURRY OFF SITE BY CARS AND PEDESTRIANS.
 - REMOVE SLURRY EFFICIENTLY AND EFFECTIVELY COLLECT AND REMOVE ALL SLURRY AND RUNOFF FROM THE SAW CUTTING OPERATION AS SOON AS POSSIBLE. BE SURE TO INCLUDE REMOVAL OF ANY SLURRY COLLECTED IN OR NEAR THE STORM DRAIN INLETS BY PUMPING TO A COLLECTION VESSEL OR USING A WET/DRY VACUUM. IT MAY BE NECESSARY TO USE A SLURRY SWEEPER OR WASH DOWN THE AREA AND COLLECT THE WATER. NO SLURRY OR WASHWATER IS ALLOWED TO DRAIN OFF SITE. SLURRY AND WASH WATER MAY BE DISPOSED OF ON SITE WHERE IT CAN FILTER INTO THE GROUND, OTHERWISE, DISPOSE OF ALL COLLECTED SLURRY AND WASH WATER PROPERLY. ONE WAY IS TO ALLOW COLLECTED SLURRY TO SETTLE AND DECANT THE WATER ONTO THE GROUND OR, WITH APPROVAL, INTO THE SANITARY SEWER WITH APPROVAL. DISPOSE OF THE SOLIDS APPROPRIATELY.

WET WEATHER PERMIT CONDITIONS

- WET WEATHER EROSION PREVENTION MEASURES WILL BE IN EFFECT FROM OCTOBER 1 THROUGH APRIL 30.
- SOILS EXPOSED PRIOR TO THE WET SEASON SHALL BE COVERED WITH PLASTIC SHEET, OR A 2-INCH LAYER OF MULCH, BARK, WOOD CHIPS, SAWDUST, OR STRAW TO MINIMIZE EROSION POTENTIAL.
- EXPOSED SOILS SHALL BE SEEDD NO LATER THAN SEPTEMBER 1ST TO ALLOW TIME FOR PROPER GERMINATION AND GROWTH BEFORE THE WET WEATHER SEASON.

OWNER/APPLICANT

CITY OF COTTAGE GROVE
CONTACT: FAYE STEWART
400 E MAIN STREET
COTTAGE GROVE, OR 97424
PHONE: T(541) 942-3349
E-MAIL: pwdirector@cottagegrove.org

CESCL:

COMPANY NAME: TBD
CONTACT: TBD
PHONE: TBD
E-MAIL: TBD
QUALIFICATION PROGRAM: TBD
CERTIFICATION/ID NUMBER: TBD
EXPIRATION DATE: TBD

INSPECTOR NOTE:

CONTRACTOR TO PROVIDE DOCUMENTATION THAT STAFF ARE TRAINED IN ACCORDANCE WITH NPDES 1200-C PERMIT SECTION 6.1.

BMP INSTALLER/MAINTAINER

CONTRACTOR NAME: TBD
CONTACT: TBD
ADDRESS: TBD
PHONE: TBD
E-MAIL: TBD

ENGINEER/ESCP PREPARER

BRANCH ENGINEERING, INC.
CONTACT: DAMIEN GILBERT, P.E.
310 5th STREET
SPRINGFIELD, OREGON 97477
OFFICE: (541) 746-0637
EMAIL: damieng@branchengineering.com

SURVEYOR

BRANCH ENGINEERING, INC.
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EMAIL: dann@branchengineering.com

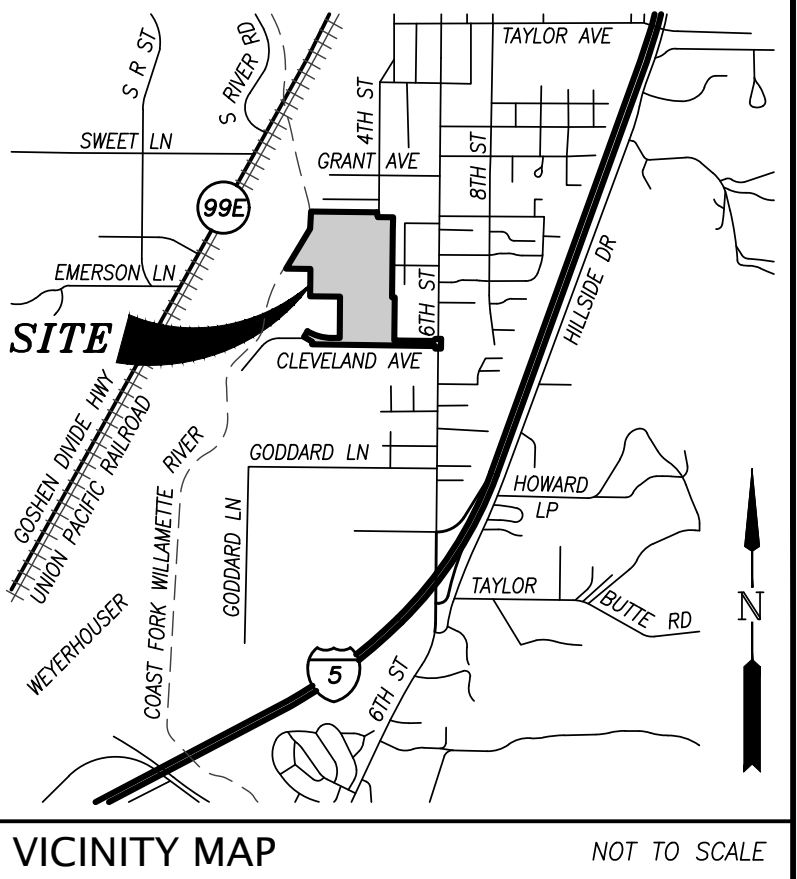
CONTRACTOR

CONTRACTOR NAME: TBD
CONTACT: TBD
ADDRESS: TBD
PHONE: TBD
E-MAIL: TBD

PROVIDE DEQ CONTRACTOR'S INFORMATION ONCE KNOWN.

LIST OF SUBCONTRACTORS

TO BE DETERMINED
SUB-CONTRACTORS WILL BE ADDED TO THE LIST AS BIDS ARE RECEIVED AND WILL BE KEPT ON SITE AND MANAGED BY AWARDED CONTRACTOR.
A LIST OF ALL SUB-CONTRACTORS TO PERFORM WORK ON SITE SHALL BE SUBMITTED TO DEQ ONCE KNOWN.



SHEET INDEX

EC0.0	EROSION & SEDIMENT CONTROL PLAN COVER SHEET & NOTES
EC1.0	EROSION & SEDIMENT CONTROL PLAN EXISTING CONDITIONS AND DEMO. PHASE TOTAL PROJECT AREA
EC1.11	EROSION & SEDIMENT CONTROL PLAN EXISTING CONDITIONS AND DEMO. PHASE SHEET 1
EC1.12	EROSION & SEDIMENT CONTROL PLAN EXISTING CONDITIONS AND DEMO. PHASE SHEET 2
EC1.13	EROSION & SEDIMENT CONTROL PLAN EXISTING CONDITIONS AND DEMO. PHASE SHEET 3
EC2.0	EROSION & SEDIMENT CONTROL PLAN STREET, UTILITY & STABILIZATION PHASE
EC3.0	EROSION & SEDIMENT CONTROL PLAN DETAILS SHEET 1
EC3.1	EROSION & SEDIMENT CONTROL PLAN DETAILS SHEET 2

RAIN GAUGE LOCATION

STATION "COTTAGE GROVE, 2.6 ft" IS LOCATED AT 3300 ROW RIVER RD. (CITY WATER TREATMENT PLANT)
LAT/LONG: 43°47'30"N, 123°01'39"W
APPROXIMATELY 1.6 MI. EAST OF SITE
(<https://agacis.rcc-acis.org/>)

FEMA FIRM DATA

PER FEMA FIRMS 41039C2087, 41039C2090F AND 41039C295, EFFECTIVE DATE JUNE 2, 1999, THE MAJORITY OF THE SITE IS WITHIN ZONE X. AREAS DETERMINE TO BE OUTSIDE 500 YR. FLOODPLAIN, SOME AREAS ON THE WEST SIDE OF THE SITE NEAR COAST FORK WILLAMETTE RIVER ARE IN ZONE X, AREAS OF 500 YR. FLOOD; AREAS OF 100 YR. FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1' OR WITH DRAINAGE OF AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED FROM 100 YR. FLOOD, FINALLY AREAS ALONG COAST FORK WILLAMETTE RIVER ARE IN ZONE AE. SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100 YR. FLOOD, BASE FLOOD ELEVATIONS DETERMINED TO BE BETWEEN 655 AND 659.

SITE INFORMATION

TYPE OF DEVELOPMENT: THE PROJECT ADDRESSED BY THIS EROSION AND SEDIMENT CONTROL PLAN CONSISTS OF PUBLIC STREET AND UTILITY IMPROVEMENTS.

- CONSTRUCTION ACTIVITY WILL CONSIST OF:
 - CLEARING AND MASS GRADING
 - UTILITY CONSTRUCTION
 - CONSTRUCTION OF CURB AND GUTTER
 - PAVING CONSTRUCTION
 - FINAL STABILIZATION
- PROJECT TIMELINE:
CLEARING: WINTER/SPRING 2025
MASS GRADING: SPRING 2025
UTILITY CONSTRUCTION: SPRING/SUMMER 2025
PAVING CONSTRUCTION: SUMMER 2025
FINAL STABILIZATION: SUMMER/FALL 2025
- PROJECT HOURS: MONDAY-SATURDAY, 7AM-7PM
- PROJECT SITE AREAS:
TOTAL AREA: 5.4± AC
DISTURBED AREA: 5.4± AC
PERCENT OF SITE DISTURBED: 100%
- ON-SITE SOIL TYPES:
1(A) ABQUIA SILTY CLAY LOAM, 0-3% SLOPE
121B SALKUM SILTY CLAY LOAM, 2-8% SLOPE
121C SALKUM SILTY CLAY LOAM, 8-16% SLOPE
- EXCAVATION:
ROUGH GRADING WILL BE NECESSARY TO ACHIEVE PROPOSED GRADES. ANY SUITABLE EXCAVATION MATERIAL WILL BE USED AS FILL IN LOW AREAS. FILL SHALL BE STRUCTURAL.
- CUT AND FILL DATA:
CUT: x ± 1300 CY
FILL: x ± 1000 CY
NET: x ± 300 CY (CUT)
(CONTRACTOR TO VERIFY)

SPILL PREVENTION AND CONTROL

- POLLUTANT-GENERATING ACTIVITIES TO TAKE PLACE DURING THE DEMOLITION AND CLEARING PHASE:
 - EQUIPMENT FUELING WITH EITHER GASOLINE OR DIESEL FUEL.
 - FUEL STORAGE OF GASOLINE AND DIESEL FUEL.
 - EQUIPMENT HYDRAULIC OILING.
 - HYDRAULIC OIL STORAGE OF 10-GALLON BUCKETS.
 - GREEN WASTE FROM VEGETATION REMOVAL.
- POLLUTANT-GENERATING ACTIVITIES TO TAKE PLACE DURING THE GRADING, EXCAVATION, UTILITIES AND SITE STABILIZATION PHASES:
 - EQUIPMENT FUELING WITH EITHER GASOLINE OR DIESEL FUEL.
 - FUEL STORAGE OF GASOLINE AND DIESEL FUEL.
 - EQUIPMENT HYDRAULIC OILING.
 - HYDRAULIC OIL STORAGE OF 10-GALLON BUCKETS.
 - STORAGE OF CONSTRUCTION RELATED MATERIALS.
 - JOINT SEAL MATERIALS, CONCRETE CURING COMPOUNDS, WASTEWATER FROM CONCRETE WASHOUT.
 - ASPHALT CONCRETE (AC) AND PORTLAND CEMENT CONCRETE (PCC) MATERIALS AND WASTES.
 - PAINTS, SOLVENTS, AND THINNERS.
 - SANITARY WASTE FACILITIES (PORTABLE TOILETS).
- POLLUTION-GENERATING SPILL PROCEDURE:
 - POTENTIAL POLLUTANTS TO BE STORED AT POLLUTANT STORAGE LOCATION NOTED ON PLANS.
 - WORKERS SHALL TAKE SPECIAL CARE WHILE HANDLING POLLUTANT MATERIALS.
 - SHOULD A LEAK OR SPILL OF POLLUTANT MATERIALS OCCUR, IT WILL BE CLEANED UP IMMEDIATELY.
 - WHERE A LEAK, SPILL, OR OTHER RELEASE CONTAINING A HAZARDOUS SUBSTANCE OR OIL OCCURS DURING A 24-HOUR PERIOD, NOTIFY THE OREGON EMERGENCY RESPONSE SYSTEM AT (800) 452-0311.

SPILL RESPONSE

CONTRACTOR SHALL HAVE SPILL KITS AT THE PROJECT SITE AT ALL TIMES. THERE SHALL BE SIGNAGE MOUNTED IN APPROPRIATE LOCATIONS STATING "SPILL KIT INSIDE." CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SPILL KITS AND TRAINING EMPLOYEES ON HOW TO USE THEM.

IN THE EVENT OF A SPILL, CONTRACTOR SHALL PROCEED AS FOLLOWS:

- DETERMINE TYPE OF SPILL AND BEST ACTION TO REMOVE SPILL.
- IF SPILL IS TOO LARGE TO CONTAIN, OR CLEAN, CALL EMERGENCY SERVICES (911, OR EMERGENCY CLEAN-UP TEAMS SUCH AS NORTHWEST HAZMAT, OR ENVIRONMENTAL CONTROL).
- CONTAIN SPILL.
- CLEAN AND DISPOSE OF SPILL.

ONCE ALL SUBCONTRACTORS ARE UNDER CONTRACT, GENERAL CONTRACTOR SHALL PROVIDE A FULL LIST OF POLLUTANTS THEY WILL HAVE ONSITE. THIS LIST SHALL BE KEPT ON SITE WITH THE GENERAL CONTRACTOR.

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT

EROSION & SEDIMENT CONTROL PLAN COVER SHEET AND NOTES

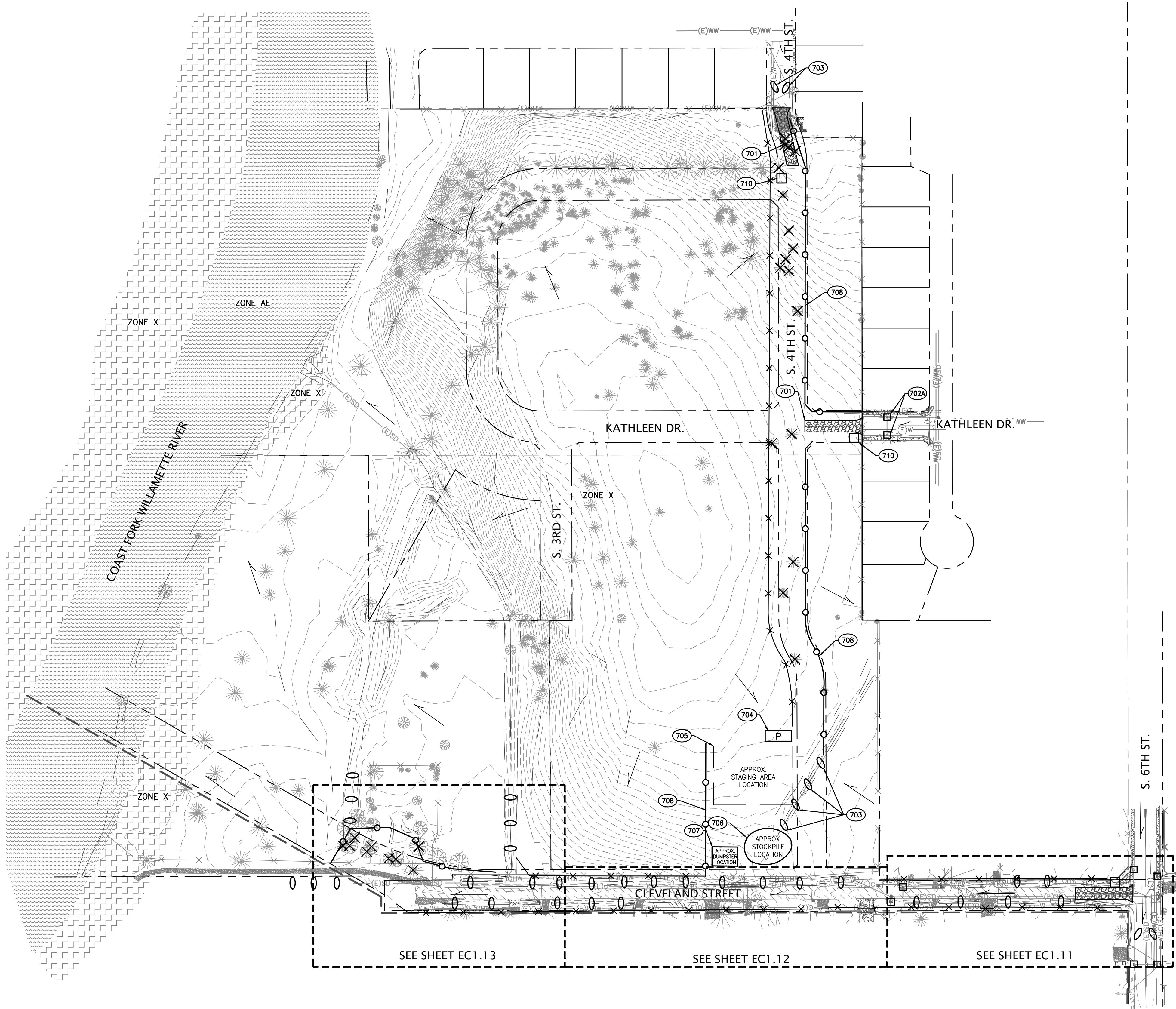
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DRAWN BY:	CHECKED BY:	DATE:	
ARS	AWMS	12/12/2024	JOB No. 23-001C



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No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

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GENERAL NOTES:

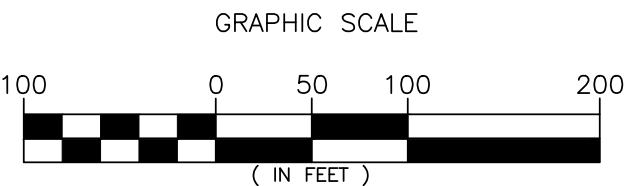
- ALL BASE ESC MEASURES MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- NO ACTIVITIES ARE PERMITTED TO OCCUR BEYOND THE PERIMETER SEDIMENT BARRIERS.
- ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, STREET SWEEPING, AND VACUUMING, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- SENSITIVE RESOURCES INCLUDING, BUT NOT LIMITED TO, TREES, WETLANDS, AND RIPARIAN PROTECTION AREAS SHALL BE CLEARLY DELINEATED WITH ORANGE CONSTRUCTION FENCING OR CHAIN LINK FENCING IN A MANNER THAT IS CLEARLY VISIBLE TO ANYONE IN THE AREA. NO ACTIVITIES ARE PERMITTED TO OCCUR BEYOND THE CONSTRUCTION BARRIER.
- STOCKPILED SOIL OR STRIPPINGS SHALL BE PLACED IN A STABLE LOCATION AND CONFIGURATION. STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING OR STRAW MULCH. SEDIMENT FENCE IS REQUIRED AROUND THE PERIMETER OF THE STOCKPILE.
- EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS OR MATS MID-SLOPE SEDIMENT FENCES OR WATTLES, OR OTHER APPROPRIATE MEASURES.
- AREAS SUBJECT TO WIND EROSION SHALL USE APPROPRIATE DUST CONTROL MEASURES INCLUDING THE APPLICATION OF A FINE SPRAY OF WATER, PLASTIC SHEETING, STRAW MULCHING OR OTHER APPROVED MEASURES.
- CONSTRUCTION ENTRANCES SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, INCLUDING, BUT NOT LIMITED TO, TIRE WASHES, STREET SWEEPING, AND VACUUMING MAYBE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- ACTIVE INLETS TO STORMWATER SYSTEMS SHALL BE PROTECTED THROUGH THE USE OF APPROVED INLET PROTECTION MEASURES. ALL INLET PROTECTION MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED AS NEEDED.
- SATURATED MATERIALS THAT ARE HAULED OFF-SITE MUST BE TRANSPORTED IN WATER-TIGHT TRUCKS TO ELIMINATE SPILLAGE OF SEDIMENT AND SEDIMENT-LADEN WATER.
- AN AREA SHALL BE PROVIDED FOR THE WASHING OUT OF CONCRETE TRUCKS IN A LOCATION THAT DOES NOT PROVIDE RUN-OFF THAT CAN ENTER THE STORMWATER SYSTEM. IF THE CONCRETE WASH-OUT AREA CAN NOT BE CONSTRUCTED GREATER THAN 50' FROM ANY DISCHARGE POINT, SECONDARY MEASURES SUCH AS BERMS OR TEMPORARY SETTLING PITS MAYBE REQUIRED. THE WASH-OUT SHALL BE LOCATED WITHIN SIX FEET OF TRUCK ACCESS AND BE CLEANED WHEN IT REACHES 50% CAPACITY.
- SWEEPING FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORMWATER SYSTEM. SWEEPING SHALL BE PICKED UP AND DISPOSED IN THE TRASH.
- AVOID PAVING IN WET WEATHER WHEN PAVING CHEMICALS CAN RUN-OFF INTO THE STORMWATER SYSTEM.
- USE BMP'S SUCH AS CHECK-DAMS, BERMS, AND INLET PROTECTION TO PREVENT RUN-OFF FROM REACHING DISCHARGE POINTS.
- COVER CATCH BASINS, MANHOLES AND OTHER DISCHARGE POINTS WHEN APPLYING SEAL COAT, TACK COAT, ETC. TO PREVENT INTRODUCING THESE MATERIALS TO THE STORMWATER SYSTEM.
- ROUTINE MAINTENANCE SPECIFICATIONS FOR THE PERIMETER CONTROLS DOCUMENTED IN THE ESCP MUSH INCLUDE SECTIONS 2.1.4, 2.1.5, AND 2.1.6 OF THE GENERAL PERMIT NPDES CONSTRUCTION STORMWATER DISCHARGE PERMIT.
- CONSTRUCTION WILL OCCUR DURING SUMMER MONTHS. DEWATERING IS NOT EXPECTED TO OCCUR. IF DEWATERING IS REQUIRED, DISCHARGE WATER TO ESTABLISHED VEGETATION IN UPLAND AREA.
- CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATIONS OF SPOILS, STOCKPILES, WASTE, AND CONCRETE WASHOUT STATIONS FOR THE DURATION OF THE PROJECT. ALL HAZARDOUS MATERIAL STOCKPILES, AS WELL AS AREAS WHERE HAZARDOUS MATERIALS MIGHT INFILTRATE SOIL, MUST BE PROPERLY MAINTAINED AND CONTROLLED USING APPLICABLE BMPs. CESCL OR INSPECTING ENGINEER WILL VERIFY AND COORDINATE THE LOCATIONS AND TYPES OF BMPs USED. ANY BMPs IMPLEMENTED BEYOND THOSE SPECIFIED IN THESE PLANS SHOULD BE REPORTED TO THE ESCP PREPARER AND DEQ. THIS WILL ALLOW FOR AN ASSESSMENT OF WHETHER THE PLANS NEED TO BE UPDATED TO INCORPORATE ADDITIONAL MEASURES.

CONSTRUCTION NOTES:

- (701) INSTALL CONSTRUCTION ENTRANCE/EXIT PER ODOT STD DWG RD1000 ON SHEET EC3.0. AND THE WASH FACILITY PER ODOT STD DWG RD1060 ON SHEET EC3.1.
- (702) INSTALL TYPE 3 CATCH BASIN FILTER INSERT PER ODOT STD DWG RD1010 ON SHEET EC3.0.
- (702B) INSTALL TYPE 10 CURB INLET SEDIMENT DAM PER ODOT STD DWG RD1010 ON SHEET EC3.0.
- (703) INSTALL FILTER SOCK OR WATTLE SEDIMENT BARRIER AT LIMITS OF DISTURBANCE WHERE NECESSARY. CONTRACTOR TO COORDINATE WITH EPSC CERTIFIED INSPECTOR FOR FINAL PLACEMENT.
- (704) PROVIDE AND MAINTAIN PORTABLE RESTROOMS/SANITARY FACILITIES PER OSHA STANDARDS. FINAL LOCATION TO BE DETERMINED BY CONTRACTOR.
- (705) TEMPORARY AREA FOR EQUIPMENT STORAGE, MAINTENANCE MATERIAL STORAGE, STAGING, FUEL STORAGE & REFUELING, AND HAZARDOUS WASTE. SEE SPILL PREVENTION AND CONTROL NOTES ON SHEET ECO.D. SEE GENERAL NOTE 18 ON THIS SHEET.
- (706) TEMPORARY STOCKPILE LOCATION. INSTALL PLASTIC SHEETING ON STOCKPILE PER ODOT TECHNICAL SERVICES DET6001 ON SHEET EC3.1. SEE GENERAL NOTE 18 ON THIS SHEET.
- (707) PROVIDE DUMPSTER CONTAINERS FOR CONSTRUCTION DEBRIS. SEE GENERAL NOTE 18 ON THIS SHEET.
- (708) CONSTRUCT SEDIMENT FENCING, BARK BERM OR FILTER SOCK SEDIMENT BARRIER. SEE ODOT STD DWG RD1040 & RD1031 ON SHEET EC3.0.
- (710) INSTALL CONCRETE WASH OUT OR APPROVED ALTERNATIVE USING AN ECO-PAN CONCRETE WASH OUT PAN PER MANUFACTURER'S RECOMMENDATION.

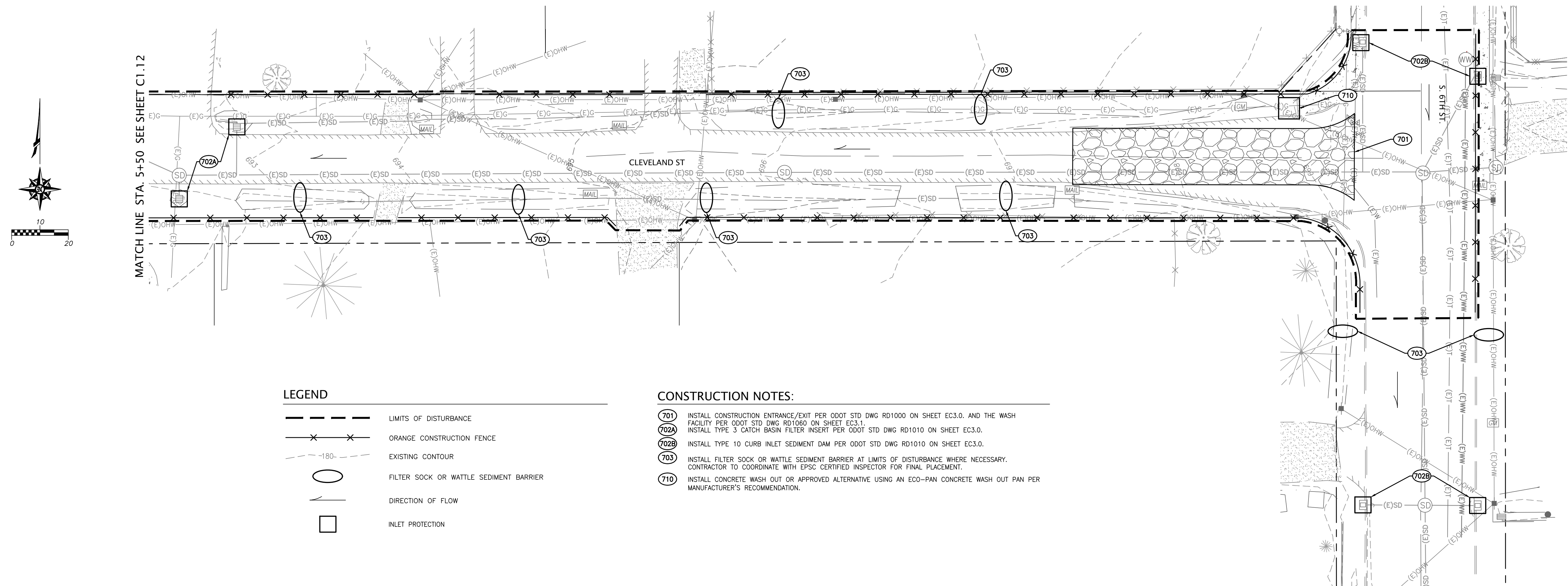
LEGEND

- LIMITS OF DISTURBANCE
- SEDIMENT FENCE OR APPROVED ALT.
- × ORANGE CONSTRUCTION FENCE
- P PORTABLE RESTROOM
- FILTER SOCK OR WATTLE SEDIMENT BARRIER
- DIRECTION OF FLOW
- 180- EXISTING CONTOUR
- ~ ZONE AE SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100 YR. FLOOD. BASE FLOOD ELEVATIONS DETERMINED TO BE BETWEEN 655 AND 659.
- ~ ZONE X AREAS OF 500 YR. FLOOD; AREAS OF 100 YR. FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1' OR WITH DRAINAGE AREAS LESS THAN 1 SQ. MI.; AND AREAS PROTECTED FROM 100 YR. FLOOD
- ZONE X AREAS DETERMINED TO BE OUTSIDE 500 YR. FLOODPLAIN.
- INLET PROTECTION
- × TREE TO BE REMOVED
- CONSTRUCTION ENTRANCE



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1	ADDENDUM 1	12/18

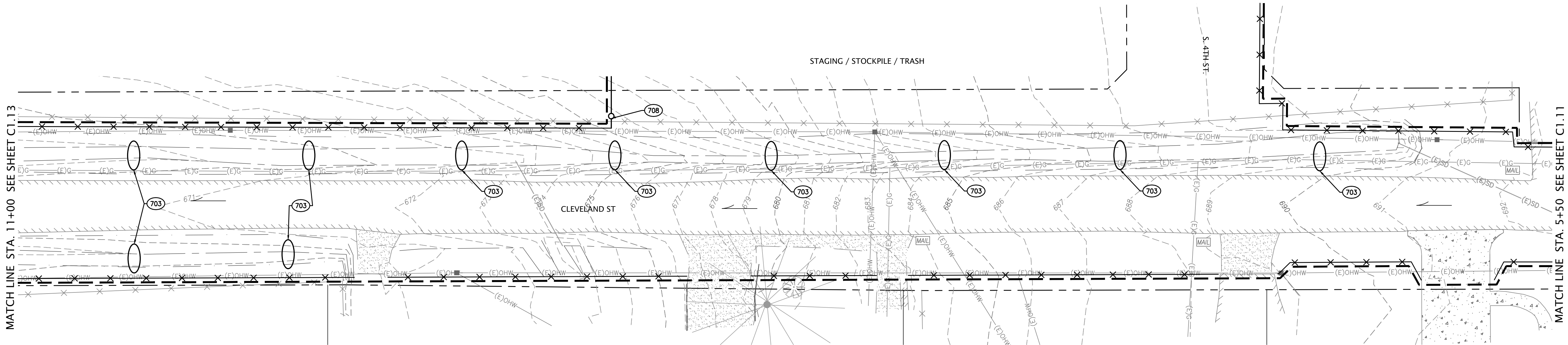
CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
EROSION & SEDIMENT CONTROL PLAN EXISTING CONDITIONS & DEMO. PHASE TOTAL PROJECT AREA		Sheet No. EC1.00	
DRAWN BY: MBW	CHECKED BY: ARS	DATE: 12/12/2024	JOB No. 23-001C



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CONSTRUCTION NOTES:

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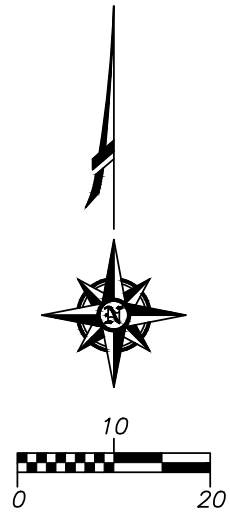


CONSTRUCTION NOTES:

- 703** INSTALL FILTER SOCK OR WATTLE SEDIMENT BARRIER AT LIMITS OF DISTURBANCE WHERE NECESSARY. CONTRACTOR TO COORDINATE WITH EPSC CERTIFIED INSPECTOR FOR FINAL PLACEMENT.
- 708** CONSTRUCT SEDIMENT FENCING, BARK BERM OR FILTER SOCK SEDIMENT BARRIER. SEE ODOT STD DWG RD1040 & RD1031 ON SHEET EC3.0.

LEGEND

- LIMITS OF DISTURBANCE
- SEDIMENT FENCE OR APPROVED ALT.
- × × ORANGE CONSTRUCTION FENCE
- 180- EXISTING CONTOUR
- FILTER SOCK OR WATTLE SEDIMENT BARRIER
- DIRECTION OF FLOW



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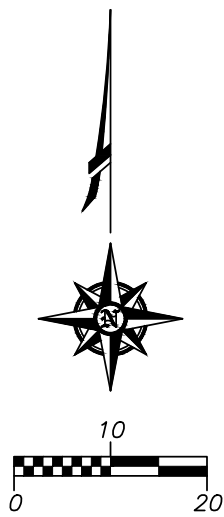
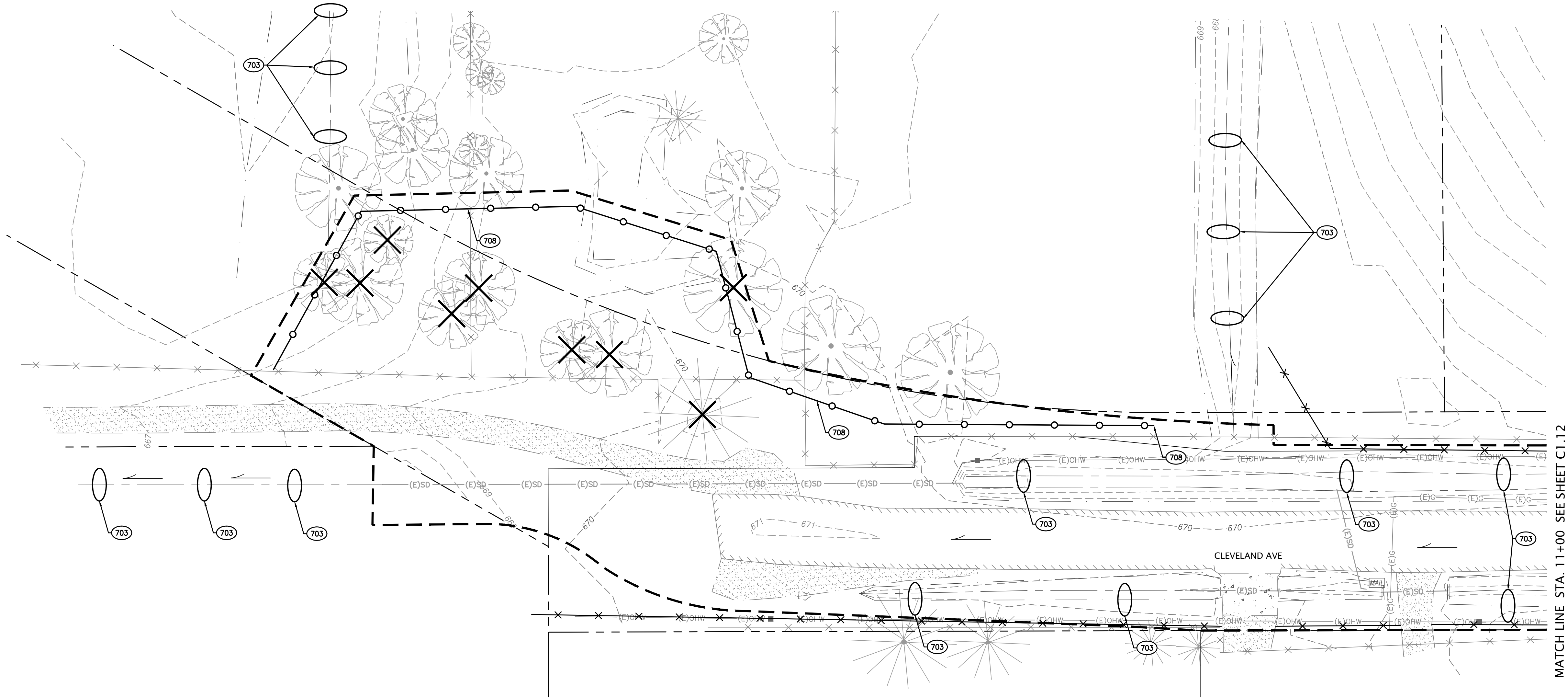
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ENGINEER
#62780PE
DIGITALLY SIGNED
OREGON
JULY 13, 2000
DAMIEN GILBERT
EXPIRES: JUNE 30, 2025

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

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1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
EROSION & SEDIMENT CONTROL PLAN EXISTING CONDITIONS & DEMO. PHASE SHEET 2			Sheet No. EC1.12
DRAWN BY: MBW	CHECKED BY: ARS	DATE: 12/12/2024	JOB No. 23-001C

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CONSTRUCTION NOTES:

- 703** INSTALL FILTER SOCK OR WATTLE SEDIMENT BARRIER AT LIMITS OF DISTURBANCE WHERE NECESSARY. CONTRACTOR TO COORDINATE WITH EPSC CERTIFIED INSPECTOR FOR FINAL PLACEMENT.
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LEGEND

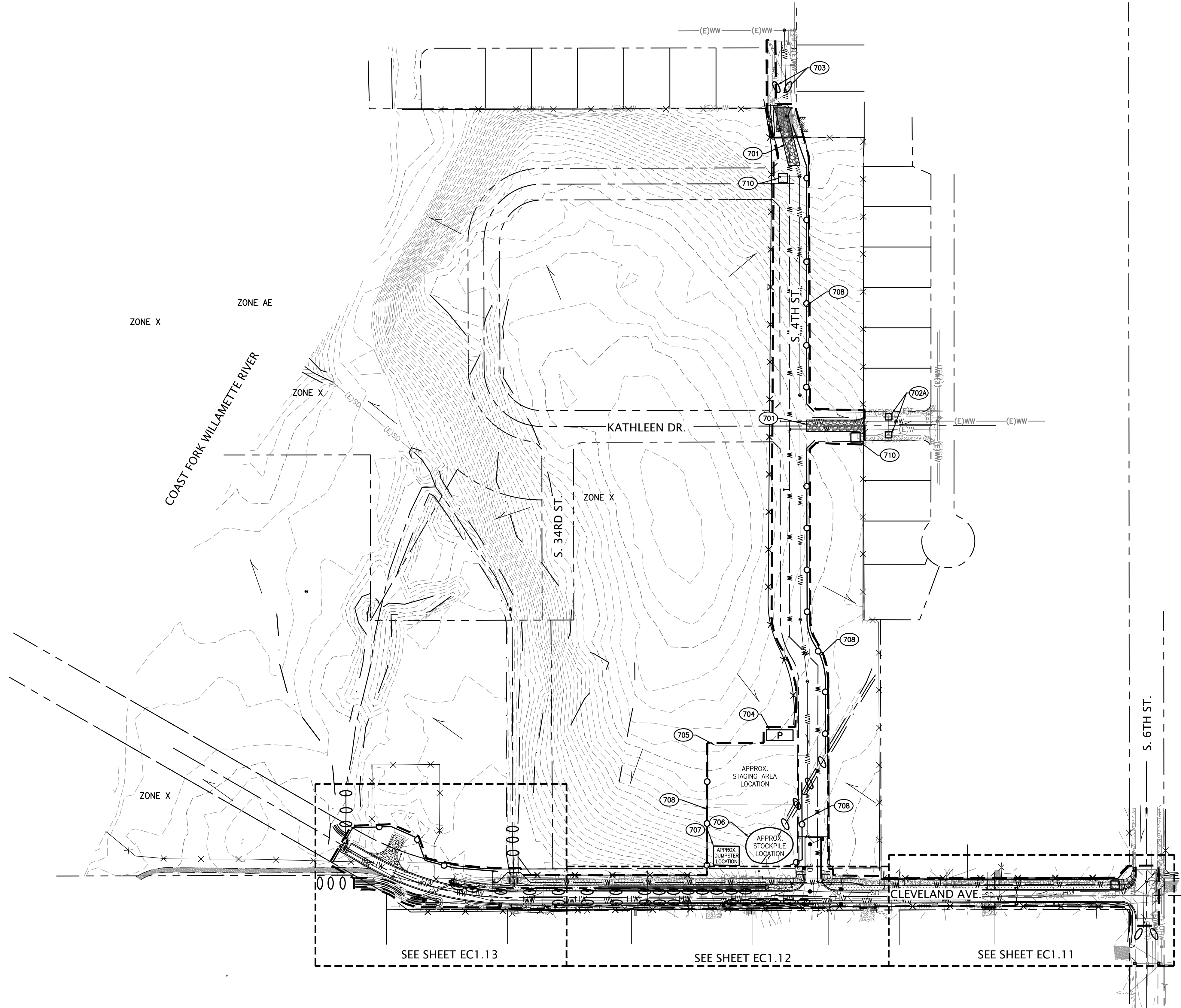
- LIMITS OF DISTURBANCE
- SEDIMENT FENCE OR APPROVED ALT.
- X— ORANGE CONSTRUCTION FENCE
- - - -180- - - EXISTING CONTOUR
- FILTER SOCK OR WATTLE SEDIMENT BARRIER
- DIRECTION OF FLOW
- × TREE TO BE REMOVED



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1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
EROSION & SEDIMENT CONTROL PLAN EXISTING CONDITIONS & DEMO. PHASE SHEET 3			Sheet No. EC1.13
DRAWN BY: MBW	CHECKED BY: ARS	DATE: 12/12/2024	JOB No. 23-001C

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GENERAL NOTES:

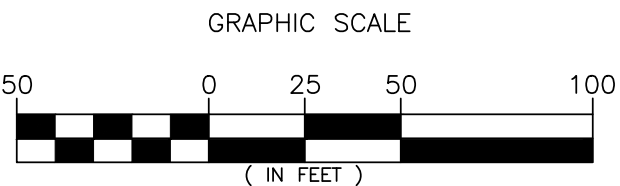
- ALL BASE ESC MEASURES MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- NO ACTIVITIES ARE PERMITTED TO OCCUR BEYOND THE PERIMETER SEDIMENT BARRIERS.
- ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, STREET SWEEPING, AND VACUUMING, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
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- SWEEPING FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORMWATER SYSTEM. SWEEPING SHALL BE PICKED UP AND DISPOSED IN THE TRASH.
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- ROUTINE MAINTENANCE SPECIFICATIONS FOR THE PERIMETER CONTROLS DOCUMENTED IN THE ESCP MUSH INCLUDE SECTIONS 2.1.4, 2.1.5, AND 2.1.6 OF THE GENERAL PERMIT NPDES CONSTRUCTION STORMWATER DISCHARGE PERMIT.
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CONSTRUCTION NOTES:

- (701) INSTALL CONSTRUCTION ENTRANCE/EXIT PER ODOT STD DWG RD1000 ON SHEET EC3.0. AND THE WASH FACILITY PER ODOT STD DWG RD1060 ON SHEET EC3.1.
- (702A) INSTALL TYPE 3 CATCH BASIN FILTER INSERT PER ODOT STD DWG RD1010 ON SHEET EC3.0.
- (702B) INSTALL TYPE 10 CURB INLET SEDIMENT DAM PER ODOT STD DWG RD1010 ON SHEET EC3.0.
- (703) INSTALL FILTER SOCK OR WATTLE SEDIMENT BARRIER AT CURB CUT SPILLWAYS & LIMITS OF DISTURBANCE WHERE NECESSARY. CONTRACTOR TO COORDINATE WITH EPSC CERTIFIED INSPECTOR FOR FINAL PLACEMENT.
- (704) PROVIDE AND MAINTAIN PORTABLE RESTROOMS/SANITARY FACILITIES PER OSHA STANDARDS. FINAL LOCATION TO BE DETERMINED BY CONTRACTOR.
- (705) TEMPORARY AREA FOR EQUIPMENT STORAGE, MAINTENANCE MATERIAL STORAGE, STAGING, FUEL STORAGE & REFUELING, AND HAZARDOUS WASTE. SEE SPILL PREVENTION AND CONTROL NOTES ON SHEET ECO.D. SEE GENERAL NOTE 18 ON THIS SHEET.
- (706) TEMPORARY STOCKPILE LOCATION. INSTALL PLASTIC SHEETING ON STOCKPILE PER ODOT TECHNICAL SERVICES DET6001 ON SHEET EC3.1. SEE GENERAL NOTE 18 ON THIS SHEET.
- (707) PROVIDE DUMPSTER CONTAINERS FOR CONSTRUCTION DEBRIS. SEE GENERAL NOTE 18 ON THIS SHEET.
- (708) CONSTRUCT SEDIMENT FENCING, BARK BERM OR FILTER SOCK SEDIMENT BARRIER. SEE ODOT STD DWG RD1040 & RD1031 ON SHEET EC3.0.
- (710) INSTALL CONCRETE WASH OUT OR APPROVED ALTERNATIVE USING AN ECO-PAN CONCRETE WASH OUT PAN PER MANUFACTURER'S RECOMMENDATION.
- (711) INSTALL PLANTING AND/OR SEED PER LANDSCAPING PLANS.

LEGEND

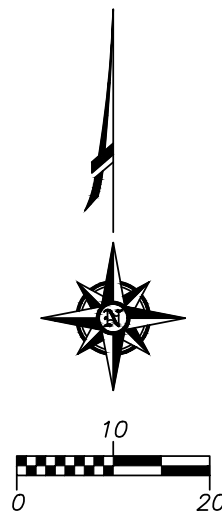
- LIMITS OF DISTURBANCE
- SEDIMENT FENCE OR APPROVED ALT.
- × ORANGE CONSTRUCTION FENCE
- P PORTABLE RESTROOM
- FILTER SOCK OR WATTLE SEDIMENT BARRIER
- DIRECTION OF FLOW
- 180- EXISTING CONTOUR
- 180- PROPOSED CONTOUR
- ~ ZONE AE ~ SPECIAL FLOOD HAZARD AREAS INUNDED BY 100 YR. FLOOD. BASE FLOOD ELEVATIONS DETERMINED TO BE BETWEEN 655 AND 659.
- ~ ZONE X ~ AREAS OF 500 YR. FLOOD; AREAS OF 100 YR. FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1' OR WITH DRAINAGE AREAS LESS THAN 1 SQ. MI.; AND AREAS PROTECTED FROM 100 YR. FLOOD
- ZONE X AREAS DETERMINED TO BE OUTSIDE 500 YR. FLOODPLAIN.



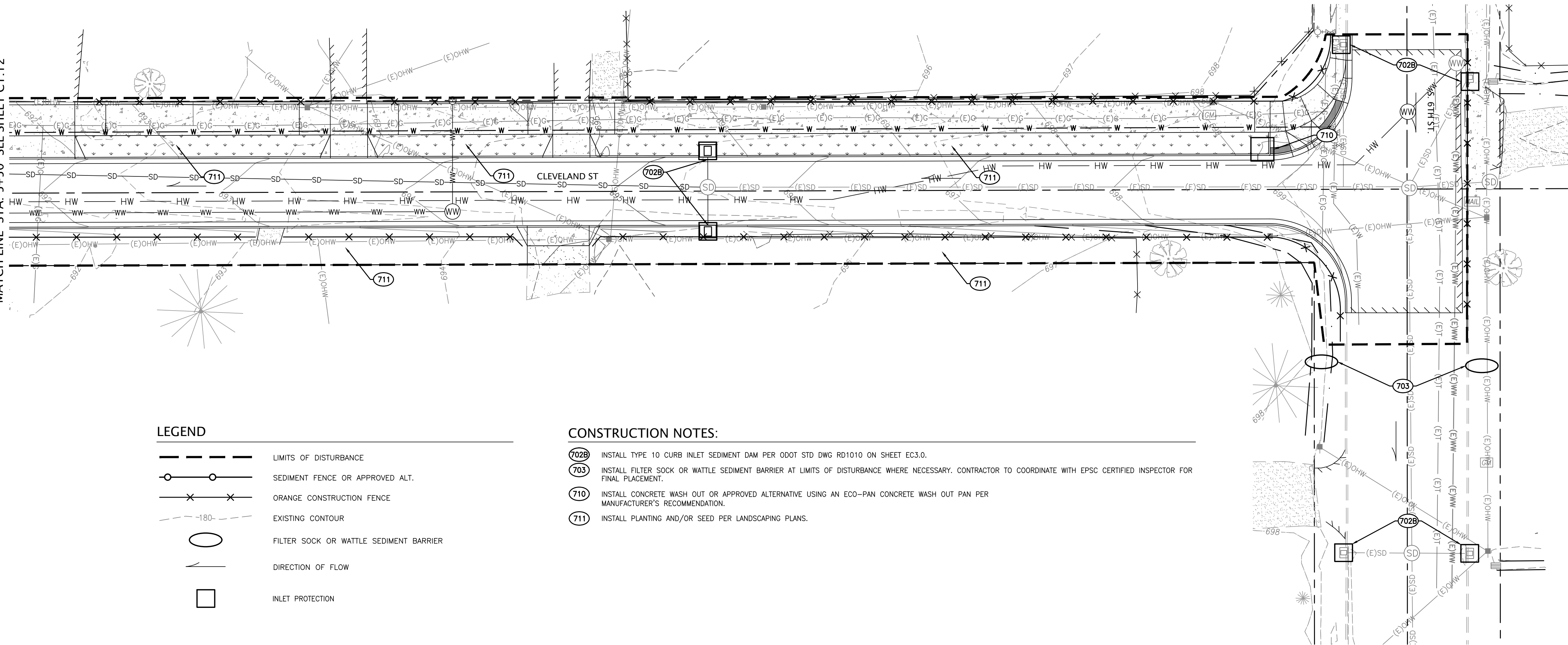
REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
EROSION & SEDIMENT CONTROL PLAN STREET, UTILITIES & STABILIZATION PHASE TOTOAL PROJECT AREA			Sheet No. EC2.00
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MATCH LINE STA. 5+50 SEE SHEET C1.12



LEGEND

- LIMITS OF DISTURBANCE
- SEDIMENT FENCE OR APPROVED ALT.
- ×× ORANGE CONSTRUCTION FENCE
- 180- EXISTING CONTOUR
- FILTER SOCK OR WATTLE SEDIMENT BARRIER
- DIRECTION OF FLOW
- INLET PROTECTION

CONSTRUCTION NOTES:

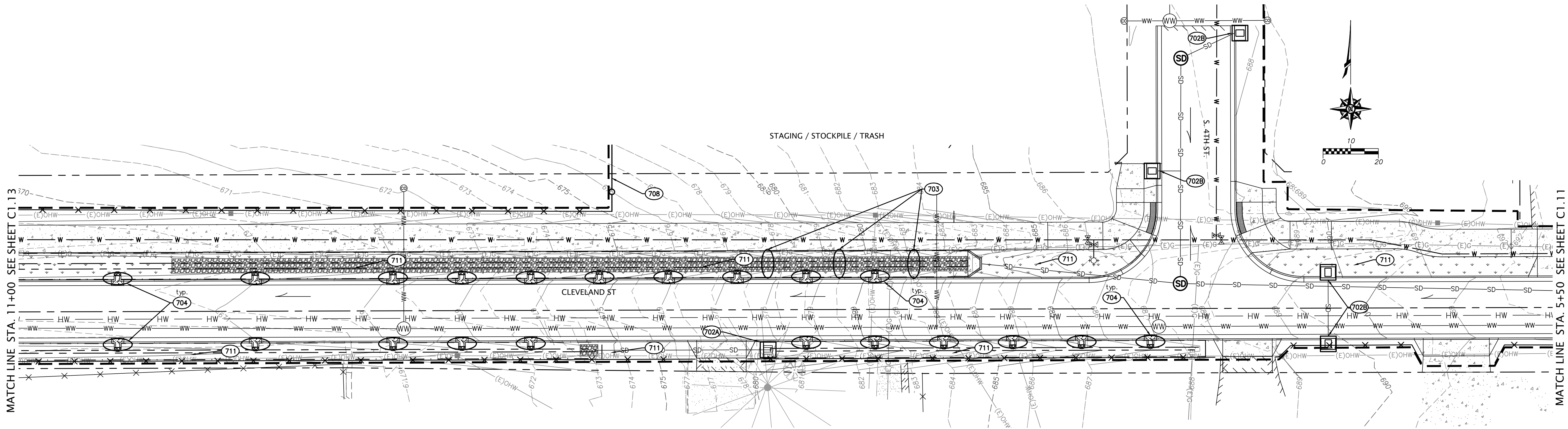
- 702B INSTALL TYPE 10 CURB INLET SEDIMENT DAM PER ODOT STD DWG RD1010 ON SHEET EC3.0.
- 703 INSTALL FILTER SOCK OR WATTLE SEDIMENT BARRIER AT LIMITS OF DISTURBANCE WHERE NECESSARY. CONTRACTOR TO COORDINATE WITH EPSC CERTIFIED INSPECTOR FOR FINAL PLACEMENT.
- 710 INSTALL CONCRETE WASH OUT OR APPROVED ALTERNATIVE USING AN ECO-PAN CONCRETE WASH OUT PAN PER MANUFACTURER'S RECOMMENDATION.
- 711 INSTALL PLANTING AND/OR SEED PER LANDSCAPING PLANS.



REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
EROSION & SEDIMENT CONTROL PLAN STREET, UTILITIES & STABILIZATION PHASE SHEET 1			Sheet No. EC2.11
DRAWN BY: MBW	CHECKED BY: ARS	DATE: 12/12/2024	JOB No. 23-001C

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CONSTRUCTION NOTES:

- 702A** INSTALL TYPE 3 CATCH BASIN FILTER INSERT PER ODOT STD DWG RD1010 ON SHEET EC3.0.
- 702B** INSTALL TYPE 10 CURB INLET SEDIMENT DAM PER ODOT STD DWG RD1010 ON SHEET EC3.0.
- 704** INSTALL FILTER SOCK OR WATTLE SEDIMENT BARRIER AT CURB CUT SPILLWAYS & LIMITS OF DISTURBANCE WHERE NECESSARY. CONTRACTOR TO COORDINATE WITH EPSC CERTIFIED INSPECTOR FOR FINAL PLACEMENT.
- 708** CONSTRUCT SEDIMENT FENCING, BARK BERM OR FILTER SOCK SEDIMENT BARRIER. SEE ODOT STD DWG RD1040 & RD1031 ON SHEET EC3.0.
- 711** INSTALL PLANTING AND/OR SEED PER LANDSCAPING PLANS.

LEGEND

- LIMITS OF DISTURBANCE
- SEDIMENT FENCE OR APPROVED ALT.
- × ORANGE CONSTRUCTION FENCE
- 180- EXISTING CONTOUR
- FILTER SOCK OR WATTLE SEDIMENT BARRIER
- DIRECTION OF FLOW
- × TREE TO BE REMOVED
- INLET PROTECTION

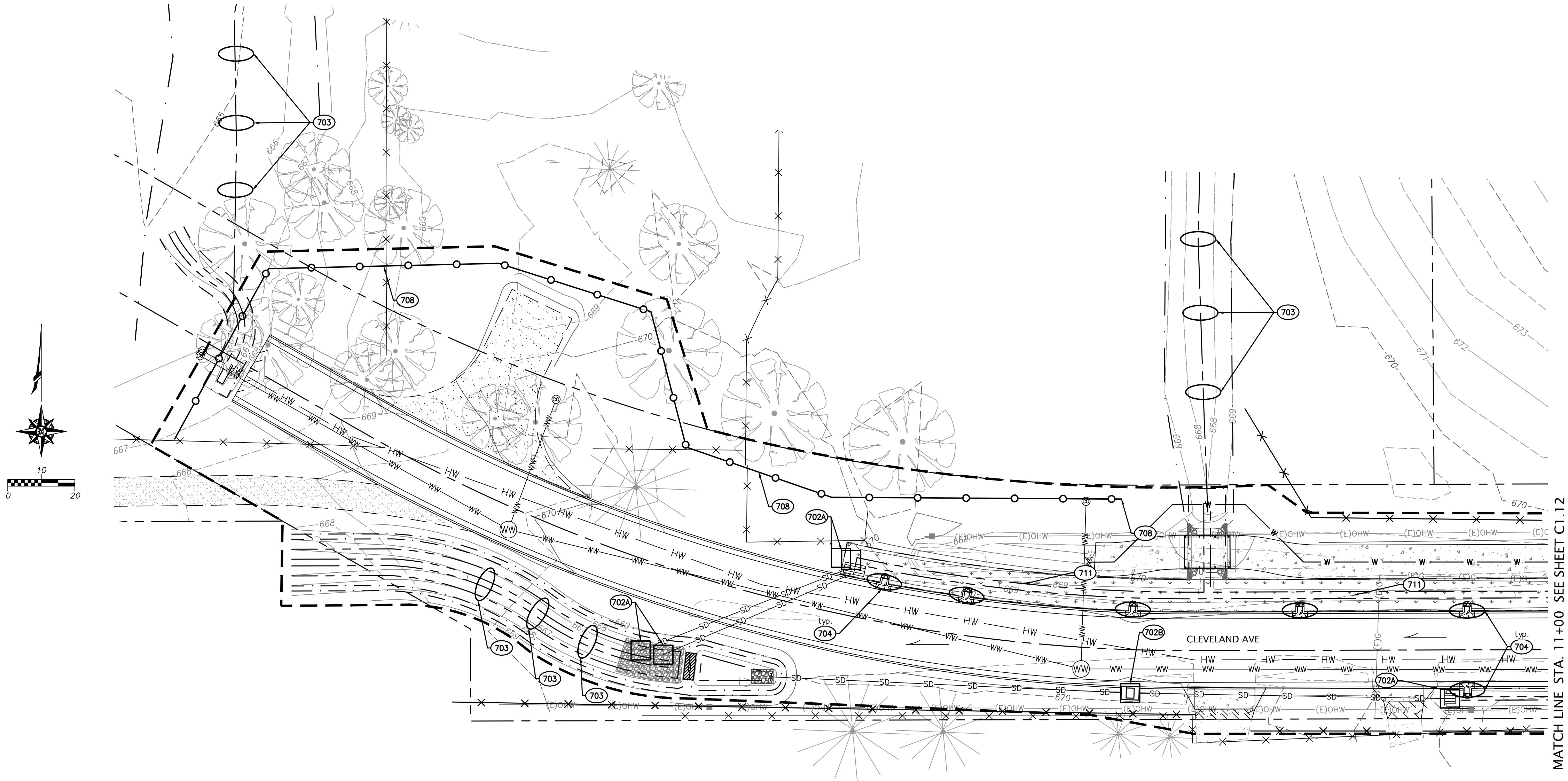
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JULY 13, 2009
DAMIEN GILBERT
EXPIRES: JUNE 30, 2025

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

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CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
EROSION & SEDIMENT CONTROL PLAN STREET, UTILITIES & STABILIZATION PHASE SHEET 2			Sheet No. EC2.12
DRAWN BY: MBW	CHECKED BY: ARS	DATE: 12/12/2024	JOB No. 23-001C



CONSTRUCTION NOTES:

- (702A) INSTALL TYPE 3 CATCH BASIN FILTER INSERT PER ODOT STD DWG RD1010 ON SHEET EC3.0.
- (702B) INSTALL TYPE 10 CURB INLET SEDIMENT DAM PER ODOT STD DWG RD1010 ON SHEET EC3.0.
- (704) INSTALL FILTER SOCK OR WATTLE SEDIMENT BARRIER AT CURB CUT SPILLWAYS & LIMITS OF DISTURBANCE WHERE NECESSARY. CONTRACTOR TO COORDINATE WITH EPSC CERTIFIED INSPECTOR FOR FINAL PLACEMENT.
- (708) CONSTRUCT SEDIMENT FENCING, BARK BERM OR FILTER SOCK SEDIMENT BARRIER. SEE ODOT STD DWG RD1040 & RD1031 ON SHEET EC3.0.
- (711) INSTALL PLANTING AND/OR SEED PER LANDSCAPING PLANS.

LEGEND

- LIMITS OF DISTURBANCE
- SEDIMENT FENCE OR APPROVED ALT.
- × ORANGE CONSTRUCTION FENCE
- - - -180- - EXISTING CONTOUR
- FILTER SOCK OR WATTLE SEDIMENT BARRIER
- DIRECTION OF FLOW
- TREE TO BE REMOVED
- INLET PROTECTION

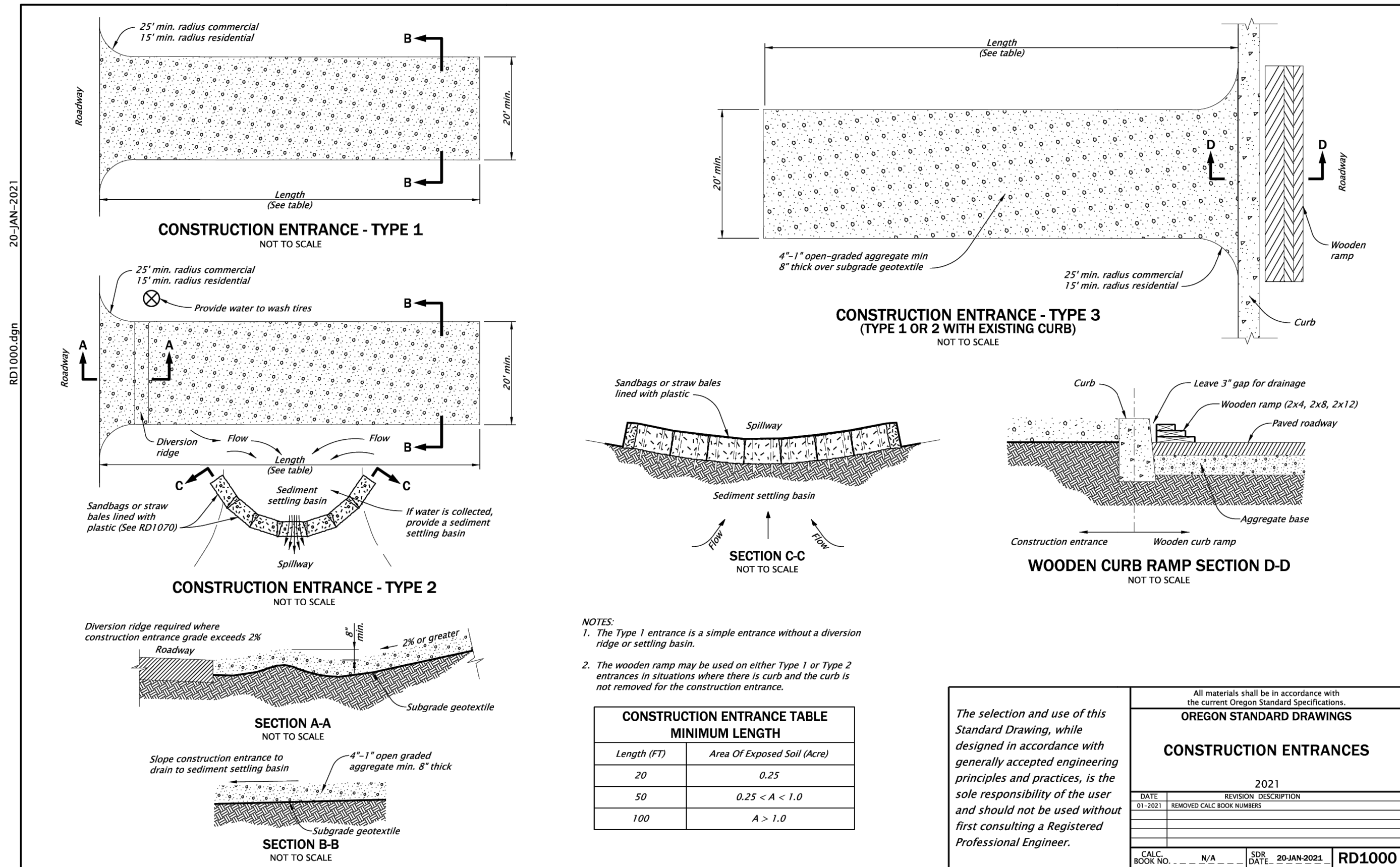


REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

CLEVELAND STREET CAPITAL IMPROVEMENT PROJECT			
EROSION & SEDIMENT CONTROL PLAN STREET, UTILITIES & STABILIZATION PHASE SHEET 3			Sheet No. EC2.13
DRAWN BY: MBW	CHECKED BY: ARS	DATE: 12/12/2024	JOB No. 23-001C

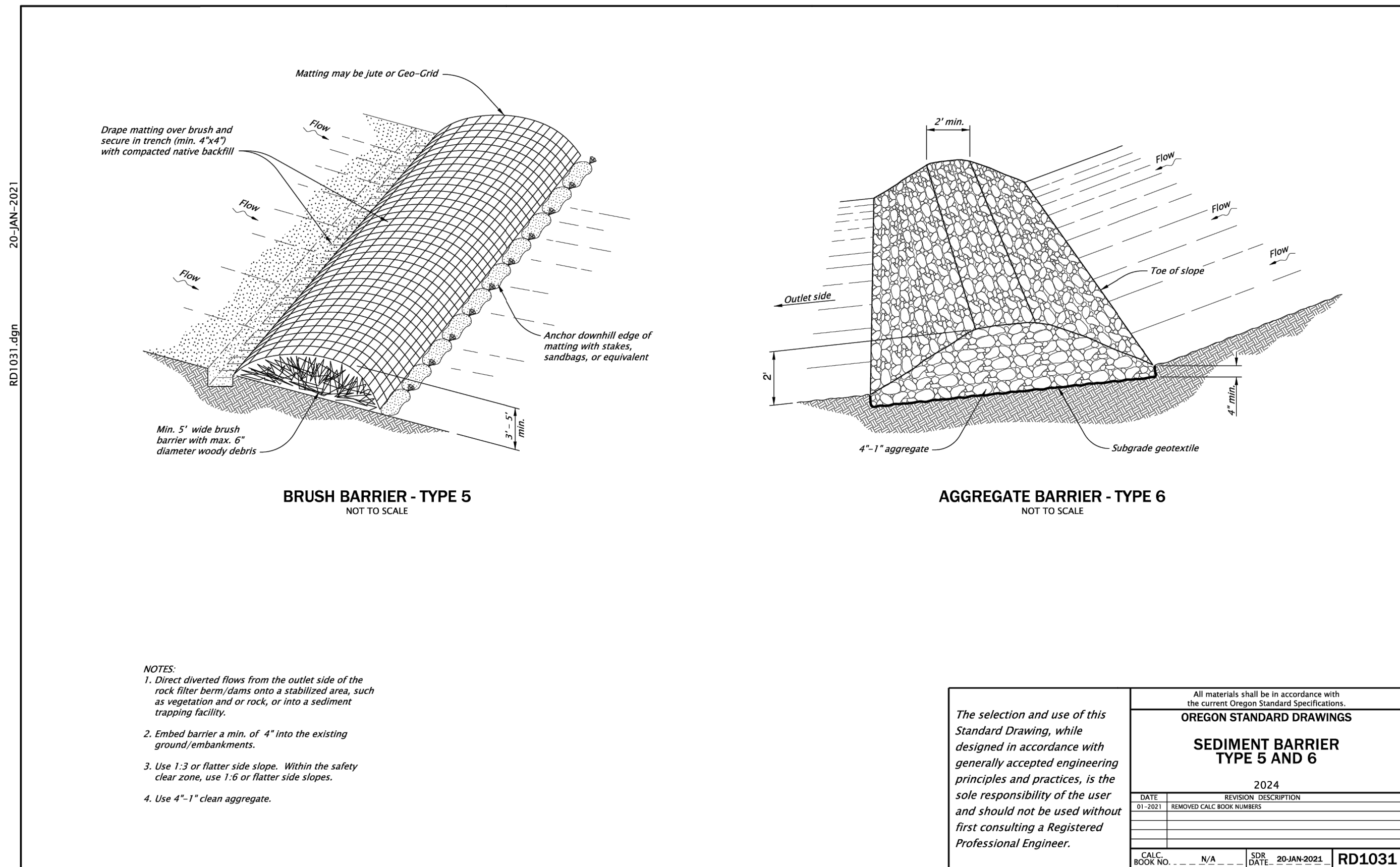
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20-JAN-2021
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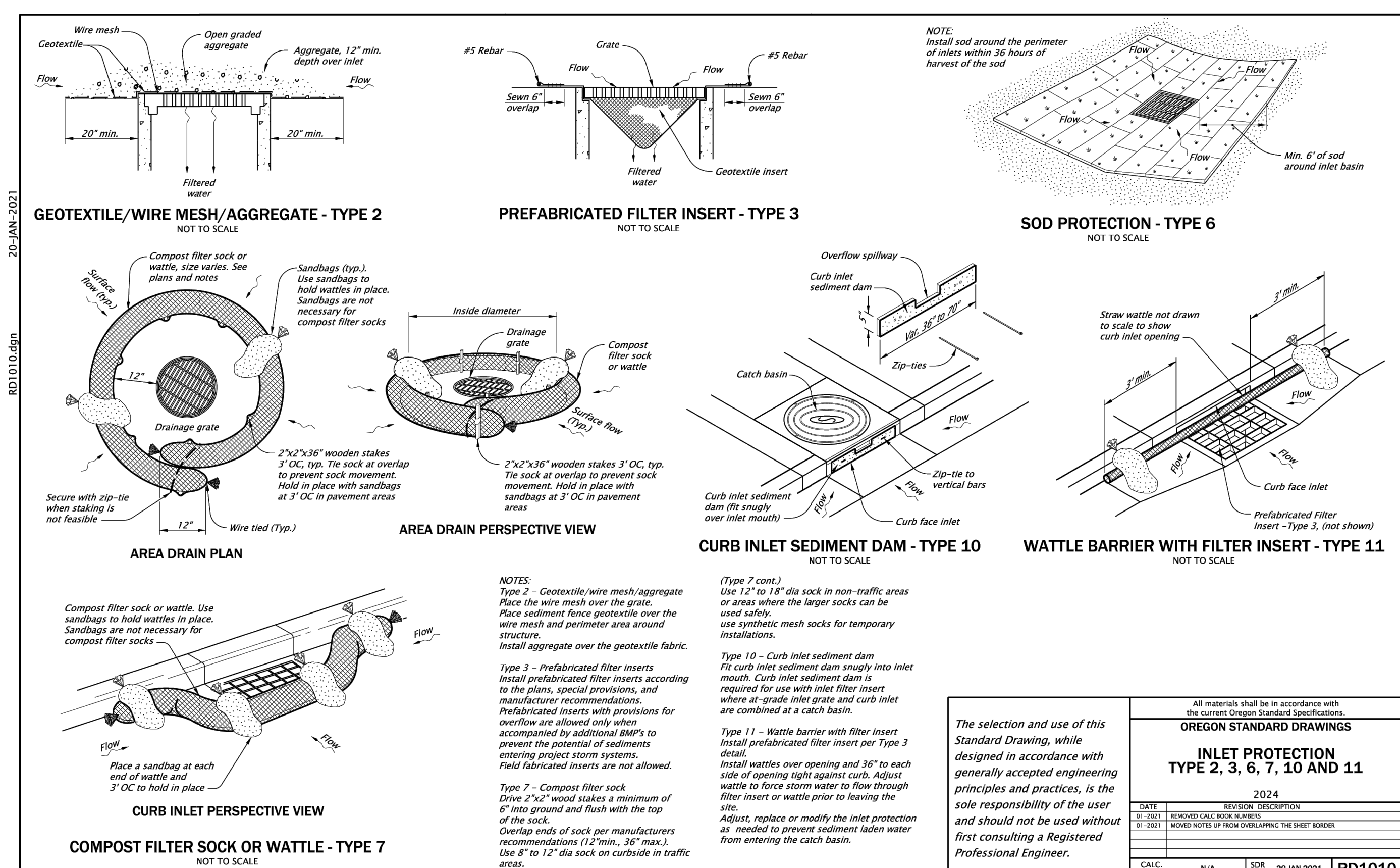
Effective Date: June 1, 2023 – November 30, 2023

20-JAN-2021
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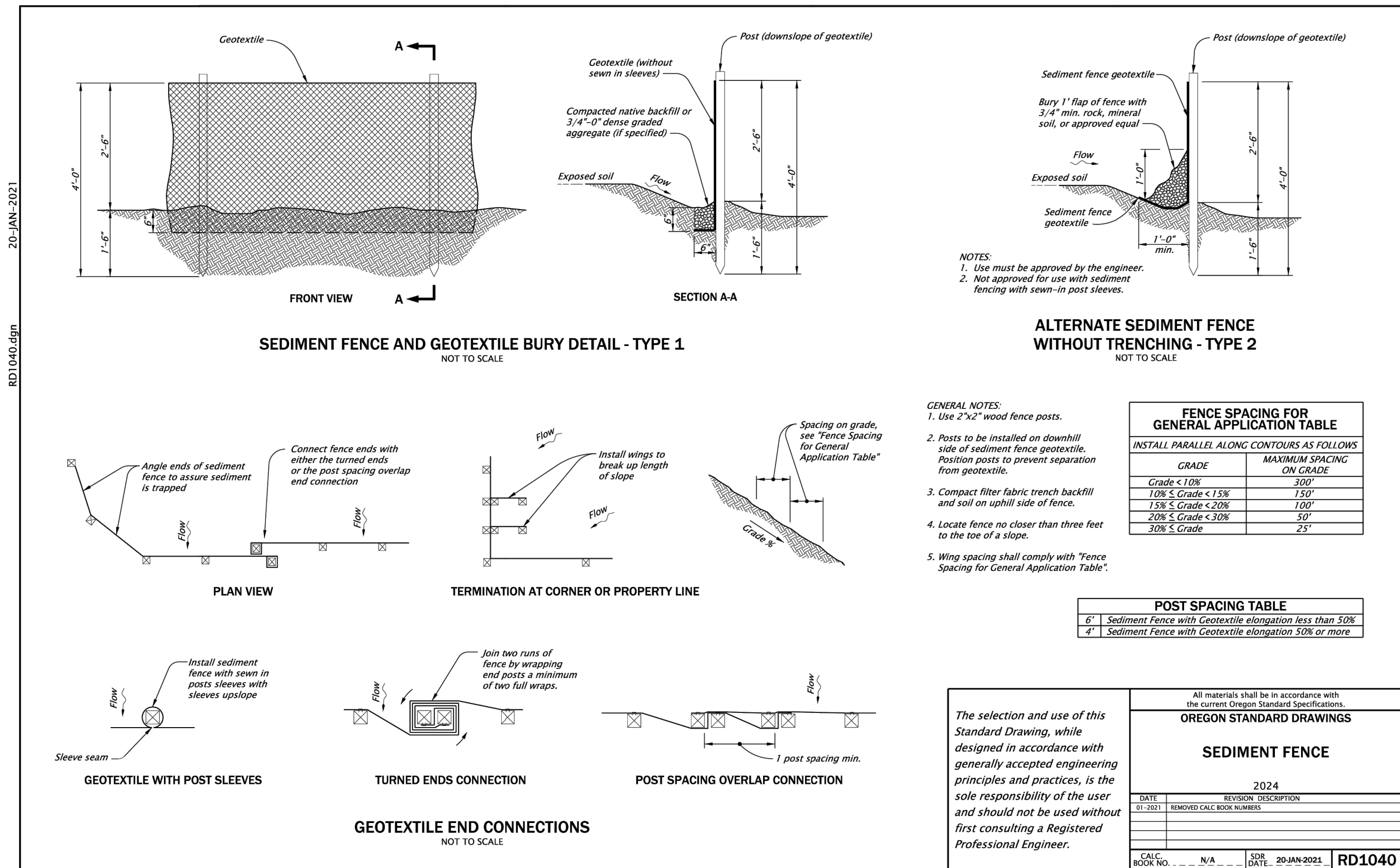
Effective Date: December 1, 2024 – May 31, 2025

20-JAN-2021
RD1010.dgn



Effective Date: December 1, 2024 – May 31, 2025

20-JAN-2021
RD1040.dgn



Effective Date: December 1, 2024 – May 31, 2025

REVISIONS:		
No.	DESCRIPTION	DATE
1	ADDENDUM 1	12/18

