E. MAIN STREET REVITALIZATION PROJECT

PUBLIC IMPROVEMENTS

COTTAGE GROVE, OREGON

SURVEY DATUM

ELEVATIONS ARE BASED ON RTK GPS OBSERVATIONS TAKEN ON AUG. 1, 2022 USING THE REAL-TIME GEODETIC NETWORK AND GEOID 12A(NAVD88).

NOTE

LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE BASED ON A COMBINATION OF VISIBLE FACILITIES LOCATED ABOVE GROUND, AS-BUILT DRAWINGS AND UTILITY LOCATE MARKS. NO CERTIFICATION IS MADE TO ACTUAL LOCATION OF UNDERGROUND UTILITIES.

SHEET INDEX

SHEET C0.0	COVER SHEET
SHEET C0.1	GENERAL CONSTRUCTION NOTES
SHEET C0.2	STREET SECTIONS
SHEET C1.0	EXISTING CONDITIONS AND DEMO. PLAN MAIN ST. STA. 5+70 TO 10+50 AND 5TH ST.
SHEET C1.1	EXISTING CONDITIONS AND DEMO. PLAN MAIN ST, STA. 10+50 TO 15+50, 6TH ST. AND 7TH ST.
SHEET C1.2	EXISTING CONDITIONS AND DEMO. PLAN MAIN ST. STA. 15+50 TO 20+00 AND 8TH ST.
SHEET C2.0	MAIN WATER LINE PLAN AND PROFILE STA. 5+80 TO 10+50
SHEET C2.1	MAIN WATER LINE PLAN AND PROFILE STA. 10+50 TO 15+20
SHEET C2.2	MAIN WATER LINE PLAN AND PROFILE STA. 15+20 TO 19+80
SHEET C2.3	5TH WATER LINE PLAN AND PROFILE
SHEET C2.4	6TH WATER LINE PLAN AND PROFILE
SHEET C2.5	7TH WATER LINE PLAN AND PROFILE
SHEET C2.6	8TH WATER LINE PLAN AND PROFILE
SHEET C3.0	MAIN STORM PLAN AND PROFILE STA. 5+80 TO 10+50
SHEET C3.1	MAIN STREET & STORMWATER PLAN AND PROFILE STA. 10+50 TO 15+20
SHEET C3.2	MAIN STREET & STORMWATER PLAN AND PROFILE STA. 15+20 TO 19+80
SHEET C3.3	5TH STREET & STORMWATER PLAN AND PROFILE
SHEET C3.4	6TH STREET & STORMWATER PLAN AND PROFILE
SHEET C3.5	7TH STREET & STORMWATER PLAN AND PROFILE
SHEET C3.6	8TH STREET & STORMWATER PLAN AND PROFILE
SHEET C4.0	DRIVEWAY DETAILS MAIN STREET
SHEET C4.1	DRIVEWAY DETAILS MAIN STREET
SHEET C4.2	ADA RAMP DETAILS MAIN ST. & 5TH ST.
SHEET C4.3	ADA RAMP DETAILS MAIN ST. & 6TH ST.
SHEET C4.4	ADA RAMP DETAILS MAIN ST. & 7TH ST.
SHEET C4.5	DRIVEWAY DETAILS 7TH STREET
SHEET C4.6	ADA RAMP DETAILS MAIN ST. & 8TH ST.
SHEET C5.0	STREET AND STORMWATER DETAILS
SHEET C5.1	STREET AND STORMWATER DETAILS
SHEET C5.2	WATER DETAILS
SHEET C5.3	WATER DETAILS
SHEET E1.0	STREET LIGHTING AND ELECTRICAL PLANS MAIN ST. STA 5+70 TO 10+50 AND 5TH ST.
SHEET E1.1	STREET LIGHTING AND ELECTRICAL PLANS MAIN ST. STA. 10+50 TO 15+50, 6TH ST. AND 7TH ST.
SHEET E1.2	STREET LIGHTING AND ELECTRICAL PLANS MAIN ST. STA. 15+50 TO 20+00 AND 8TH ST.
SHEET E1.3	STREET LIGHTING AND ELECTRICAL PLANS
SHEET E2.0	STREET LIGHTING AND ELECTRICAL DETAILS
SHEET TS1.0	SIGNING AND STRIPING PLANS MAIN ST. STA 5+70 TO 10+50 AND 5TH ST.
SHEET TS1.1	SIGNING AND STRIPING PLANS MAIN ST. STA. 10+50 TO 15+50, 6TH ST. AND 7TH ST.
SHEET TS1.2	SIGNING AND STRIPING PLANS MAIN ST. STA. 15+50 TO 20+00 AND 8TH ST.
SHEET TS2.0	SIGNING AND STRIPING DETAILS
SHEET EC0.0	EROSION CONTROL COVER SHEET AND NOTES
SHEET EC0.1	EROSION CONTROL CONTRACTOR'S LIST
SHEET EC1.0	EROSION CONTROL EXISTING CONDITIONS AND DEMO. PLAN MAIN ST. AND 5TH ST.
SHEET EC1.1	EROSION CONTROL EXISTING CONDITIONS AND DEMO. PLAN MAIN ST, 6TH ST. AND 7TH ST.
SHEET EC1.2	EROSION CONTROL EXISTING CONDITIONS AND DEMO. PLAN MAIN ST. AND 8TH ST.
SHEET EC2.0	EROSION CONTROL SITE PLAN MAIN ST. AND 5TH ST.
SHEET EC2.1	EROSION CONTROL SITE PLAN MAIN ST, 6TH ST. AND 7TH ST.
SHEET EC2.2	EROSION CONTROL SITE PLAN MAIN ST. AND 8TH ST.
SHEET EC3.0	EROSION CONTROL DETAILS

DESIGN TEAM

OWNER/APPLICANT

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CIVIL ENGINEER

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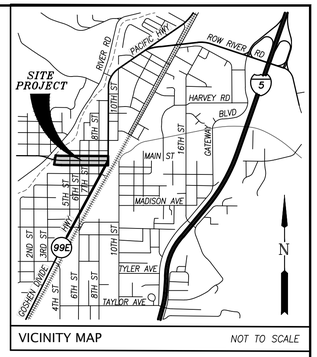


VICINITY MAP NOT TO SCALE

LEGEND

EXISTING CONDITIONS

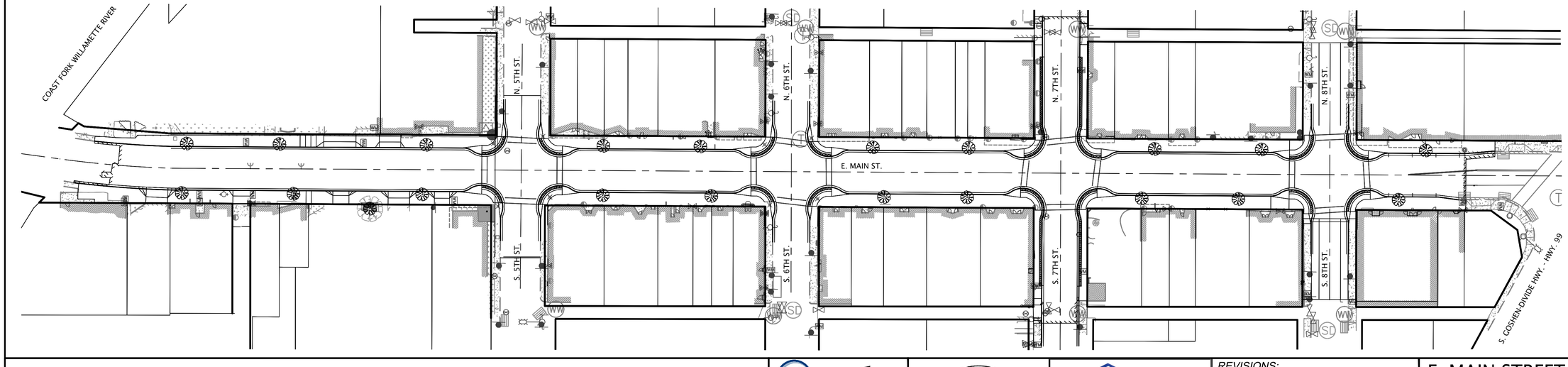
- PROPERTY LINE
- CURB LINE
- EDGE OF ASPHALT
- FENCE LINE
- UNDER GROUND ELECTRIC LINE
- TELEPHONE LINE
- STORM DRAIN LINE
- WASTEWATER LINE
- WATER LINE
- POWER POLE
- LIGHT POLE WITH ARM
- LIGHT POLE
- JUNCTION BOX
- WATER METER
- WATER VALVE
- HOSE BIB
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- DOWNSPOUT
- GAS VALVE
- BUILDING SUPPORT
- STRUCTURAL POLE
- BOLLARD
- SIGN
- BIKE RACK
- EDGE OF HEDGE
- AREA DRAIN
- CATCH BASIN
- CURB INLET
- SINGLE POLE
- BENCH
- TELEPHONE MANHOLE
- WASTEWATER MANHOLE
- STORM DRAIN MANHOLE
- UNKNOWN MANHOLE
- UNKNOWN VAULT
- COMMUNICATIONS VAULT
- CONCRETE
- LANDSCAPE
- LAWN
- TREE

PROPOSED IMPROVEMENTS

- CURB LINE
- EDGE OF ASPHALT
- STORMWATER LINE
- STORMWATER MANHOLE
- CURB INLET
- WATER LINE
- FIRE HYDRANT
- WATER VALVE
- WATER METER
- ELECTRIC LINE
- STREET LIGHT POWER LINE
- POWER POLE
- LIGHT POLE WITH ARM
- LIGHT POLE
- SIGNAL BOX
- ELECTRIC BOX
- TRANSFORMER
- JUNCTION BOX
- ELECTRIC VAULT
- SIGNAL POLE
- STRUCTURAL POLE
- BOLLARD
- SIGN
- BENCH
- STREET TREE

ABBREVIATIONS

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



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50% DESIGN DRAWINGS

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EXPIRES: JUNE 30, 2025

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

REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

COVER SHEET

Sheet No. C0.0

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H

Z:\2022\22-001H Cottage Grove Main St\Drawings\PEP\Production Drawings\22-001H_Pub_C0-C1_COVER & EX COND.dwg 3/8/2024 10:14 AM ANANDA

GENERAL CONSTRUCTION NOTES

1. ALL MATERIALS AND WORKMANSHIP OF ITEMS TO BE MAINTAINED BY THE CITY OF COTTAGE GROVE WITHIN PUBLIC EASEMENTS OR STREET RIGHT-OF-WAYS 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 RIGHT-OF-WAY OR EASEMENTS SHALL CONFORM TO APPROVING AGENCIES' CONSTRUCTION SPECIFICATIONS WHEREIN EACH HAS JURISDICTION, INCLUDING BUT NOT LIMITED TO THE CITY, COUNTY, OREGON HEALTH DIVISION (OHD) AND THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ).

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 FORCES.

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 FORCES 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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JULY 13, 2004
DAMIEN GILBERT
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EXPIRES: JUNE 30, 2025

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

REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

GENERAL CONSTRUCTION NOTES

Sheet No. C0.1

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ARS	DG	3/8/2024	22-001H

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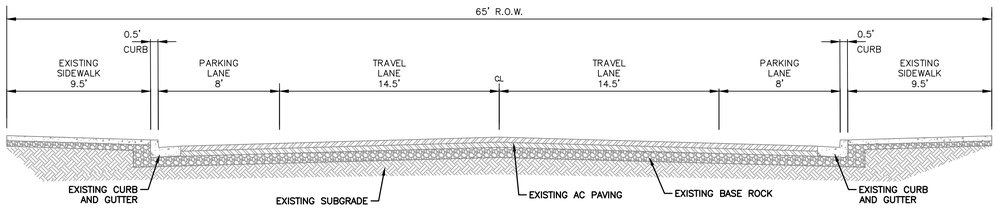
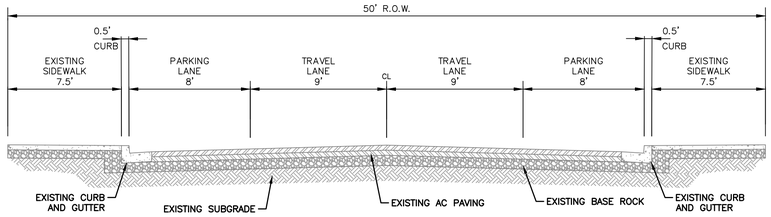


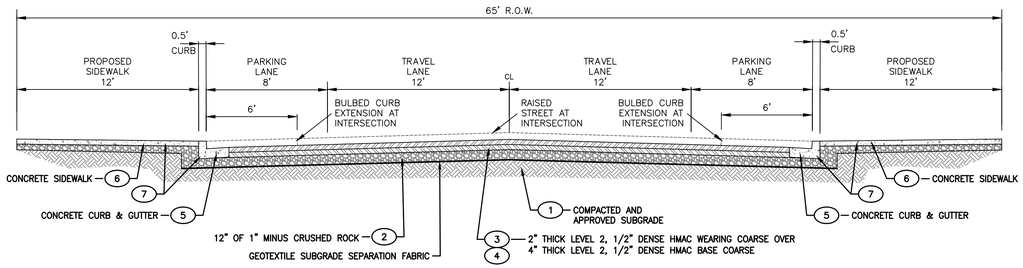
EXISTING MAIN STREET TYPICAL SECTION

SCALE: 1"=5'



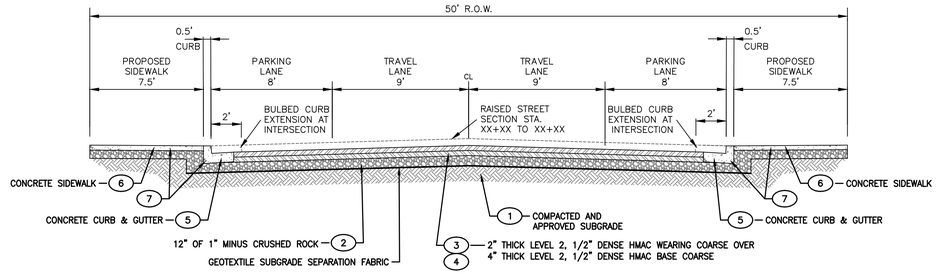
EXISTING 7TH STREET TYPICAL SECTION

SCALE: 1"=5'



PROPOSED MAIN STREET TYPICAL SECTION

SCALE: 1"=5'



PROPOSED 7TH STREET TYPICAL SECTION

SCALE: 1"=5'

CONSTRUCTION NOTES

1. SUBGRADE TO BE COMPACTED AND PROOF ROLLED WITH LOADED ROCK FILLED 10 YARD DUMP TRUCK. CITY INSPECTOR OR DESIGN ENGINEER TO BE NOTIFIED OF PROOF ROLL THREE (3) DAYS PRIOR TO PROOF ROLL BEING PERFORMED.
2. 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.
3. PAVEMENT BASE COURSE SHALL BE ASPHALT CONCRETE, 1– 4" LIFT OF LEVEL 2, 1/2" DENSE GRADED HMAC. WEARING COURSE SHALL BE ASPHALT CONCRETE 1–2" LIFT OF LEVEL 2, 1/2" DENSE GRADED HMAC. FOLLOW 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
4. OFFSET JOINT OF EACH COARSE OF ASPHALT CONCRETE BY 2 FEET SO JOINTS DO NOT MATCH PER 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
5. CONCRETE CURB & GUTTER PER CITY STD. DWG. 213 ON SHEET C5.0.
6. CONCRETE SIDEWALK TO BE 4" THICK OVER 4" OF 1"–0" CRUSHED ROCK PER ODOT STD. DWG. RD720 AND CITY STD. DWG. 216 ON SHEET C5.0. CROSS SLOPE VARIES BUT 2% MAXIMUM CONSTRUCTED CROSS SLOPE.
7. PORTLAND CEMENT CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI WITHIN 28 DAYS. FOLLOW 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.

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400 Main Street Cottage Grove, OR 97424

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E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

STREET SECTIONS

Sheet No. C0.2

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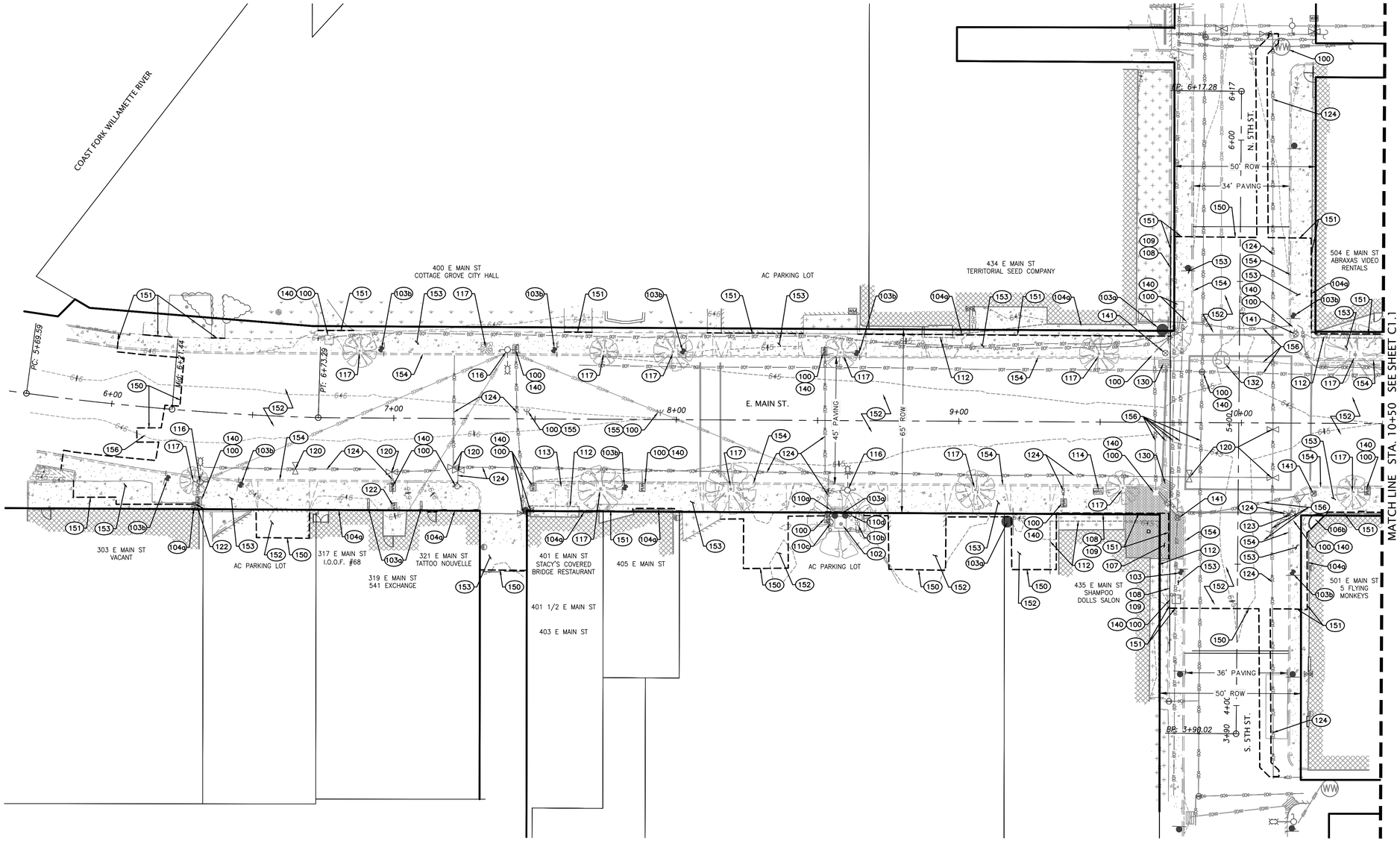

CONSTRUCTION NOTES:

100 PROTECT EXISTING UTILITIES.
102 PROTECT EXISTING TREE.
103a PROTECT EXISTING SIGN.
103b REMOVE AND SALVAGE EXISTING SIGN AND POST IF POSSIBLE. REINSTALL PER CITY STD. DWGS. 501 AND 502, SHEET TS2.0.
104a PROTECT EXISTING BUILDING.
106b REMOVE AND SALVAGE CONCRETE LANDING FOR OWNER. COORDINATE WITH OWNER FOR REMOVAL AND POTENTIAL REINSTALLATION.
107 PROTECT EXISTING PAVER BRICKS.
108 PROTECT EXISTING CURB.
109 PROTECT EXISTING PLANTER.
110a PROTECT EXISTING BENCH.
110b PROTECT EXISTING BICYCLE PARKING STRUCTURE.
110c PROTECT EXISTING GARBAGE CAN.
110d PROTECT EXISTING BOLLARD.
112 PROTECT EXISTING MARQUEE.
113 REMOVE AND SALVAGE EXISTING CANOPY. COORDINATE WITH OWNER FOR REMOVAL AND REINSTALLATION.
114 REMOVE AND SALVAGE MAILBOX. COORDINATE WITH USPS FOR REMOVAL AND REINSTALLATION.
116 REMOVE EXISTING STREET LIGHT.
117 REMOVE EXISTING STREET TREE.
120 REMOVE EXISTING WATER VALVE AFTER NEW WATER LINE INSTALLATION IS COMPLETE.
122 REMOVE EXISTING ABANDONED WATER METER.
123 REMOVE EXISTING FIRE HYDRANT AND VALVE AFTER NEW WATER LINE INSTALLATION IS COMPLETE AND RETURN TO OWNER.
124 EXISTING PUBLIC WATER LINE TO REMAIN IN SERVICE UNTIL NEW PUBLIC WATER LINE IS CONSTRUCTED AND APPROVED FOR USE. ONCE NEW WATER LINE IS OPERATIONAL, ABANDON EXISTING WATER LINE IN PLACE.
130 REMOVE EXISTING CATCH BASIN.
131 REMOVE EXISTING STORMWATER MANHOLE.
132 REMOVE EXISTING STORMWATER PIPE.
140 ADJUST EXISTING UTILITY RIM TO MATCH FINISHED GRADE.
141 REMOVE AND SALVAGE SIGNAL/LIGHT POLE. COORDINATE WITH CITY FOR REMOVAL, RESTORATION AND RE-INSTALLATION. PROTECT FOUNDATION IN PLACE, ADJUST GRADE AS NEEDED.
150 SAWCUT EXISTING AC PAVEMENT. PROTECT SAWCUT EDGE FROM DAMAGE.
151 SAWCUT EXISTING CONCRETE PAVEMENT/BRICK PAVERS. PROTECT SAWCUT EDGE FROM DAMAGE.
152 REMOVE EXISTING AC PAVEMENT. REMOVE EXISTING BASE ROCK AND SUBGRADE AS REQUIRED FOR NEW PAVEMENT SECTION FINISHED GRADE. SEE TYPICAL MAIN STREET SECTION ON SHEET C0.2.
153 REMOVE EXISTING CONCRETE SIDEWALK.
154 REMOVE EXISTING CONCRETE CURB AND GUTTER.
155 PROTECT SURVEY MONUMENT AND MONUMENT BOX. ADJUST MONUMENT BOX TO FINISHED GRADE. IF SURVEY MONUMENT IS DAMAGED, CONTRACTOR TO COORDINATE SURVEY MONUMENT REPLACEMENT WITH A LICENSED PROFESSIONAL LAND SURVEYOR.
156 POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL, AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

NOTES:

1. PRIOR TO SAWCUTTING PAVEMENT, CONTRACTOR SHALL DOCUMENT FOUNDATION LOCATIONS NEAR ALL BUILDINGS/STRUCTURES BY DRILLING WITNESS HOLES UP TO 1" IN DIAMETER THROUGH EXISTING PAVEMENT AS NEEDED, USE OF GROUND-PENETRATING RADAR SCANS, AND/OR INVESTIGATION IN CRAWL SPACES UNDER EXISTING BUILDINGS. SAWCUTTING OR OTHER DAMAGE TO EXISTING BUILDING/STRUCTURE FOUNDATION ELEMENTS SHALL BE STRICTLY AVOIDED.
2. AT BACK OF WALK, CONTRACTOR SHALL VERIFY BUILDING MATERIAL AT BASE OF ALL BUILDINGS. PAVE TO EXISTING CONCRETE OR BELOW TO AVOID CONTACT OF NEW PAVING TO ALL WOOD ELEMENTS OF EXISTING STRUCTURES.

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E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

EXISTING CONDITIONS AND DEMO. PLAN
MAIN ST. STA. 5+70 TO 10+50
AND 5TH STREET

Sheet No. C1.0

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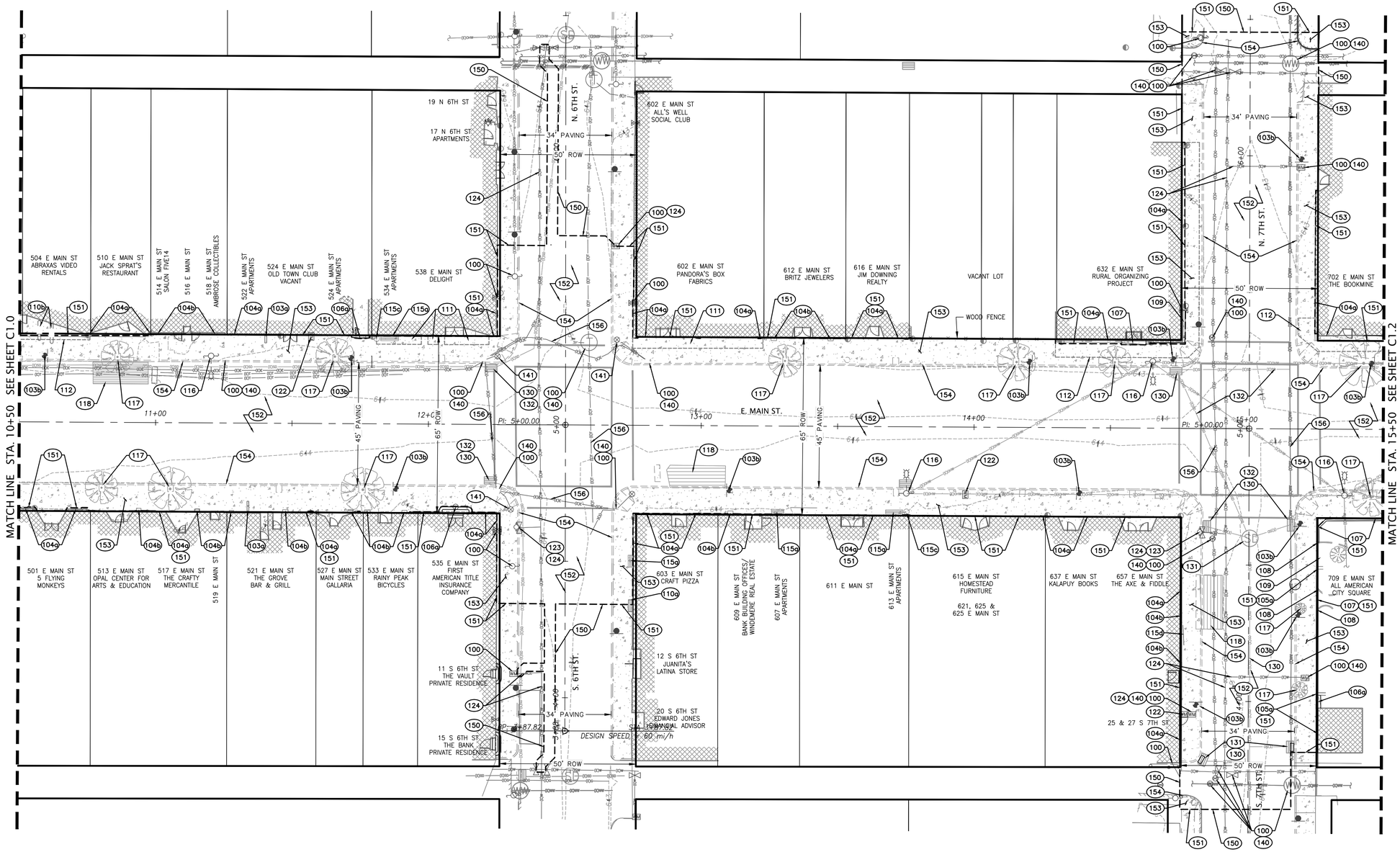

CONSTRUCTION NOTES:

(100) PROTECT EXISTING UTILITIES.

(103a) PROTECT EXISTING SIGN.

(103b) REMOVE AND SALVAGE EXISTING SIGN AND POST IF POSSIBLE. REINSTALL PER CITY STD. DWGS. 501 AND 502, SHEET TS2.0.

(104a) PROTECT EXISTING BUILDING.

(104b) PROTECT EXISTING BUILDING VENT.

(105a) PROTECT EXISTING WALL.

(106a) PROTECT EXISTING CONCRETE STEPS. WHERE NEW PAVING MEETS BOTTOM STEP MAINTAIN DIMENSIONAL UNIFORMITY OF 3/8"± IN STEP HEIGHT AND NEVER EXCEED 7".

(107) PROTECT EXISTING PAVER BRICKS.

(108) PROTECT EXISTING CURB.

(109) PROTECT EXISTING PLANTER.

(110a) PROTECT EXISTING BENCH.

(110b) PROTECT EXISTING BICYCLE PARKING STRUCTURE.

(111) PROTECT EXISTING AWNING.

(112) PROTECT EXISTING MARQUEE.

(115a) REMOVE AND SALVAGE EXISTING BENCH AND RETURN TO CITY. LANDSCAPE ARCHITECT WILL COORDINATE WITH CITY FOR INSTALLATION OF NEW STREET FURNITURE.

(115c) REMOVE AND SALVAGE EXISTING GARBAGE CAN AND RETURN TO THE CITY. LANDSCAPE ARCHITECT WILL COORDINATE WITH CITY FOR INSTALLATION OF NEW STREET FURNITURE.

(115d) REMOVE AND SALVAGE OR SAW CUT AROUND AND PROTECT STATUE AS REQUIRED. COORDINATE WITH CITY FOR REMOVAL AND REINSTALATION OR PROTECTION IN PLACE.

(116) REMOVE EXISTING STREET LIGHT.

(117) REMOVE EXISTING STREET TREE.

(118) REMOVE EXISTING WOOD DECK.

(121) REMOVE EXISTING WATER METER AFTER NEW WATER LINE INSTALLATION IS COMPLETE.

(122) REMOVE EXISTING ABANDONED WATER METER.

(123) REMOVE EXISTING FIRE HYDRANT AND VALVE AFTER NEW WATER LINE INSTALLATION IS COMPLETE AND RETURN TO OWNER.

(124) EXISTING PUBLIC WATER LINE TO REMAIN IN SERVICE UNTIL NEW PUBLIC WATER LINE IS CONSTRUCTED AND APPROVED FOR USE. ONCE NEW WATER LINE IS OPERATIONAL, ABANDON EXISTING WATER LINE IN PLACE.

(130) REMOVE EXISTING CATCH BASIN.

(131) REMOVE EXISTING STORMWATER MANHOLE.

(132) REMOVE EXISTING STORMWATER PIPE.

(140) ADJUST EXISTING UTILITY RIM TO MATCH FINISHED GRADE.

(141) REMOVE AND SALVAGE SIGNAL/LIGHT POLE. COORDINATE WITH CITY FOR REMOVAL, RESTORATION AND RE-INSTALLATION. PROTECT FOUNDATION IN PLACE, ADJUST GRADE AS NEEDED.

(150) SAWCUT EXISTING AC PAVEMENT. PROTECT SAWCUT EDGE FROM DAMAGE.

(151) SAWCUT EXISTING CONCRETE PAVEMENT/BRICK PAVERS. PROTECT SAWCUT EDGE FROM DAMAGE.

(152) REMOVE EXISTING AC PAVEMENT. REMOVE EXISTING BASE ROCK AND SUBGRADE AS REQUIRED FOR NEW PAVEMENT SECTION FINISHED GRADE. SEE TYPICAL MAIN STREET SECTION ON SHEET C0.2.

(153) REMOVE EXISTING CONCRETE SIDEWALK.

(154) REMOVE EXISTING CONCRETE CURB AND GUTTER.

(156) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL, AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

NOTES:

1. PRIOR TO SAWCUTTING PAVEMENT, CONTRACTOR SHALL DOCUMENT FOUNDATION LOCATIONS NEAR ALL BUILDINGS/STRUCTURES BY DRILLING WITNESS HOLES UP TO 1" IN DIAMETER THROUGH EXISTING PAVEMENT AS NEEDED, USE OF GROUND-PENETRATING RADAR SCANS, AND/OR INVESTIGATION IN CRAWL SPACES UNDER EXISTING BUILDINGS. SAWCUTTING OR OTHER DAMAGE TO EXISTING BUILDING/STRUCTURE FOUNDATION ELEMENTS SHALL BE STRICTLY AVOIDED.
2. AT BACK OF WALK, CONTRACTOR SHALL VERIFY BUILDING MATERIAL AT BASE OF ALL BUILDINGS. PAVE TO EXISTING CONCRETE OR BELOW TO AVOID CONTACT OF NEW PAVING TO ALL WOOD ELEMENTS OF EXISTING STRUCTURES.

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400 Main Street Cottage Grove, OR 97424

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E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

EXISTING CONDITIONS AND DEMO. PLAN
MAIN ST. STA. 10+50 TO 15+50,
6TH ST. AND 7TH ST.

Sheet No. C1.1

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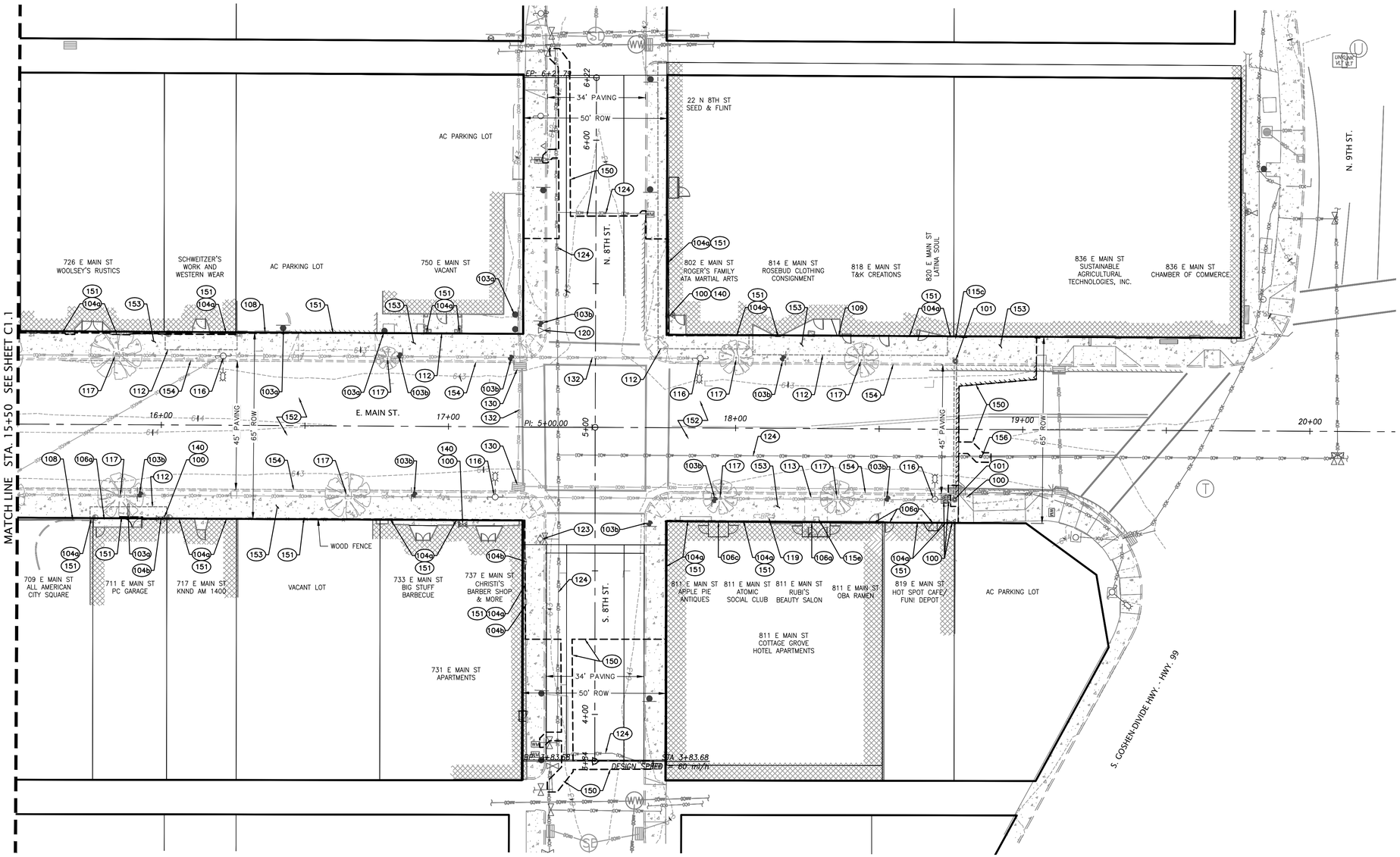

CONSTRUCTION NOTES:

- (100) PROTECT EXISTING UTILITIES.
- (101) PROTECT EXISTING LIGHT POLE.
- (103a) PROTECT EXISTING SIGN.
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- (104a) PROTECT EXISTING BUILDING.
- (104b) PROTECT EXISTING BUILDING VENT.
- (106a) PROTECT EXISTING CONCRETE STEPS, WHERE NEW PAVING MEETS BOTTOM STEP MAINTAIN DIMENSIONAL UNIFORMITY OF 3/8"± IN STEP HEIGHT AND NEVER EXCEED 7".
- (106c) COORDINATE WITH OWNER TO INVESTIGATE HOW FAR EXISTING CONCRETE EXTENDS BEYOND WOOD STEP. CUT STRAIGHT ACROSS BUILDING FRONT IF THERE IS ENOUGH CONCRETE UNDER STEP TO SALVAGE. IF THERE IS NOT ENOUGH EXISTING CONCRETE TO SALVAGE, REMOVE CONCRETE UNDER STEP AS WELL. PROTECT WOOD STEP AND AVOID CONTACT WITH NEW CONCRETE.
- (108) PROTECT EXISTING CURB.
- (109) PROTECT EXISTING PLANTER.
- (112) PROTECT EXISTING MARQUEE.
- (113) REMOVE AND SALVAGE EXISTING CANOPY. COORDINATE WITH OWNER FOR REMOVAL AND REINSTALLATION.
- (115a) REMOVE AND SALVAGE EXISTING BENCH AND RETURN TO CITY. LANDSCAPE ARCHITECT WILL COORDINATE WITH CITY FOR INSTALLATION OF NEW STREET FURNITURE.
- (115c) REMOVE AND SALVAGE EXISTING GARBAGE CAN AND RETURN TO THE CITY. LANDSCAPE ARCHITECT WILL COORDINATE WITH CITY FOR INSTALLATION OF NEW STREET FURNITURE.
- (115e) REMOVE AND SALVAGE PLAQUE. COORDINATE WITH CITY FOR REMOVAL AND REINSTALATION.
- (116) REMOVE EXISTING STREET LIGHT.
- (117) REMOVE EXISTING STREET TREE.
- (119) REMOVE EXISTING BICYCLE PARKING.
- (120) REMOVE EXISTING WATER VALVE AFTER NEW WATER LINE INSTALLATION IS COMPLETE.
- (121) REMOVE EXISTING WATER METER AFTER NEW WATER LINE INSTALLATION IS COMPLETE.
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EXPIRES: JUNE 30, 2025

CITY OF COTTAGE GROVE ENGINEERING

400 Main Street Cottage Grove, OR 97424

REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.

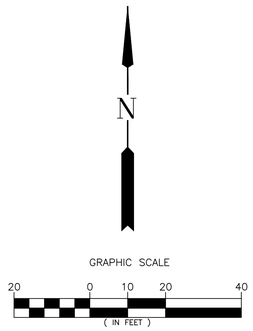
PUBLIC IMPROVEMENTS

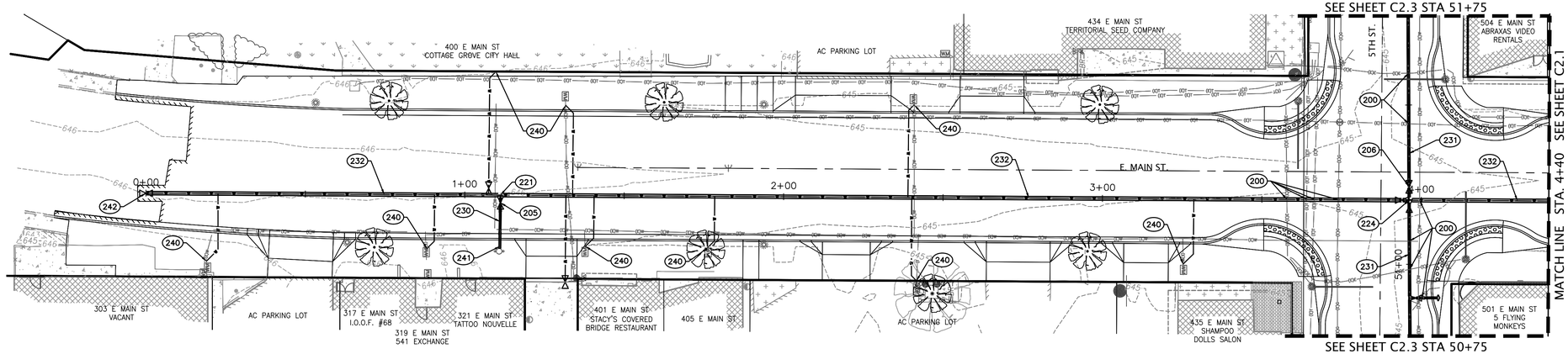
EXISTING CONDITIONS AND DEMO. PLAN
MAIN ST. STA. 15+50 TO 20+00
AND 8TH STREET

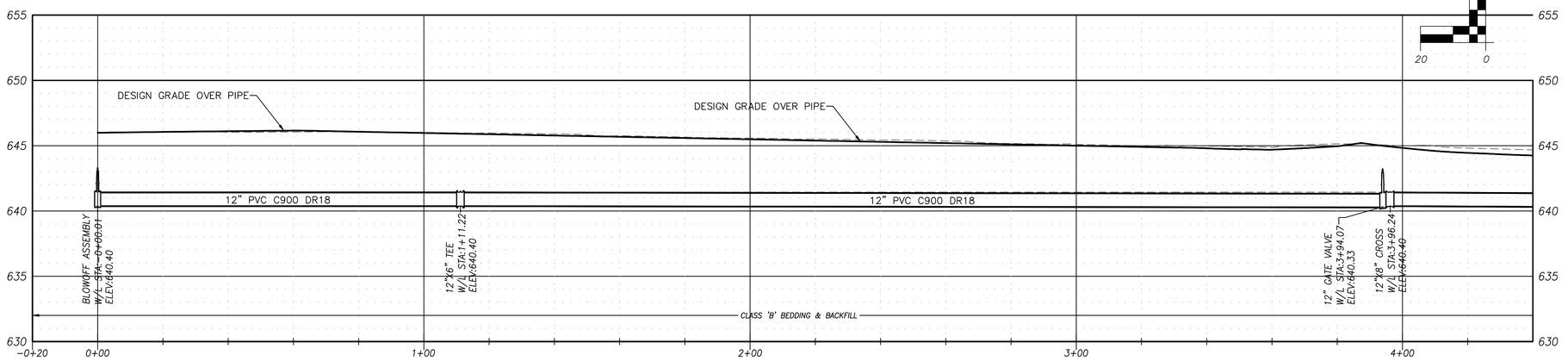
Sheet No. C1.2

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H

Z:\2022\22-001H Cottage Grove Main St\Drawings\PEP1\Production Drawings\22-001H_Pub_C0-C1_COVER & EX COND.dwg 3/8/2024 10:14 AM ANANDA







MAIN STREET WATERLINE PROFILE

SCALE: HORZ: 1" = 20' VERT: 1" = 5'

CONSTRUCTION NOTES:

(200) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(205) FURNISH AND INSTALL 6" GATE VALVE (RESILIENT WEDGE) WITH RETAINER GLANDS AND VALVE BOX PER CITY OF COTTAGE GROVE STANDARD DRAWING 408, SHEET C5.1. ADJUST TO FINISH GRADES.

(206) FURNISH AND INSTALL 8" GATE VALVE (RESILIENT WEDGE) WITH RETAINER GLANDS. AND VALVE BOX PER CITY OF COTTAGE GROVE STANDARD DRAWING 408, SHEET C5.1. ADJUST TO FINISH GRADES.

(221) FURNISH AND INSTALL 8"X8"X6" TEE WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(224) FURNISH AND INSTALL 12"X12"X8"X8" CROSS WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(230) FURNISH AND INSTALL 6" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

(231) FURNISH AND INSTALL 8" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

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(240) CONTRACTOR TO INSTALL NEW WATER SERVICE TO MATCH EXISTING WATER SERVICE SIZE. CONNECT FROM MAINLINE TO EXISTING WATER METER PER CITY OF COTTAGE GROVE STANDARD DRAWING 400, SHEET C5.1. USE HDPE PIPE STANDARD, SDR 9 CTS. USE APPROPRIATE COUPLINGS AND FITTINGS. BACKFILL TRENCH WITH CLASS E BACKFILL IN ROADWAY.

(241) CONTRACTOR TO CONNECT NEW 6" WATER LINE TO EXISTING FIRE HYDRANT ASSEMBLY PER CITY OF COTTAGE GROVE STANDARD DETAIL 401, SHEET C5.1.

(242) FURNISH AND INSTALL 2" BLOWOFF VALVE PER COTTAGE GROVE STANDARD DRAWING 405A, SHEET C5.1. INSTALL WATER VALVE BOX PER CITY OF COTTAGE GROVE STANDARD DRAWING 408, SHEET C5.1.

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JULY 13, 2018
DAMIEN GILBERT
PRELIMINARY
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Expires: June 30, 2025

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

REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

MAIN STREET WATER LINE
PLAN AND PROFILE
STA. 0+00 TO 4+40

Sheet No. C2.0

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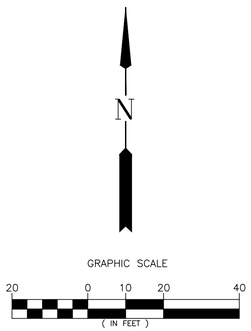
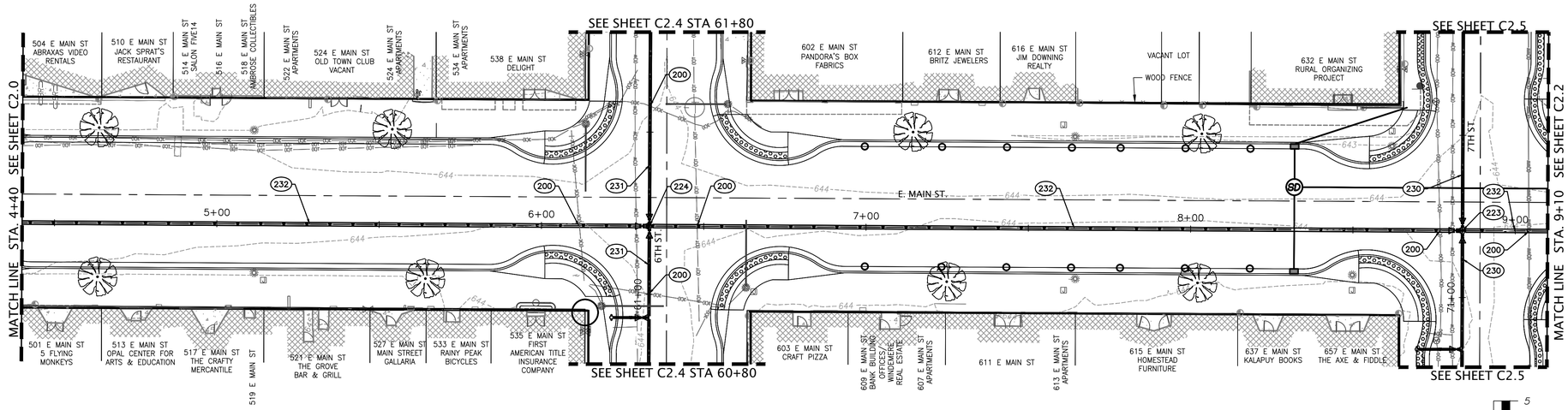
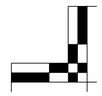
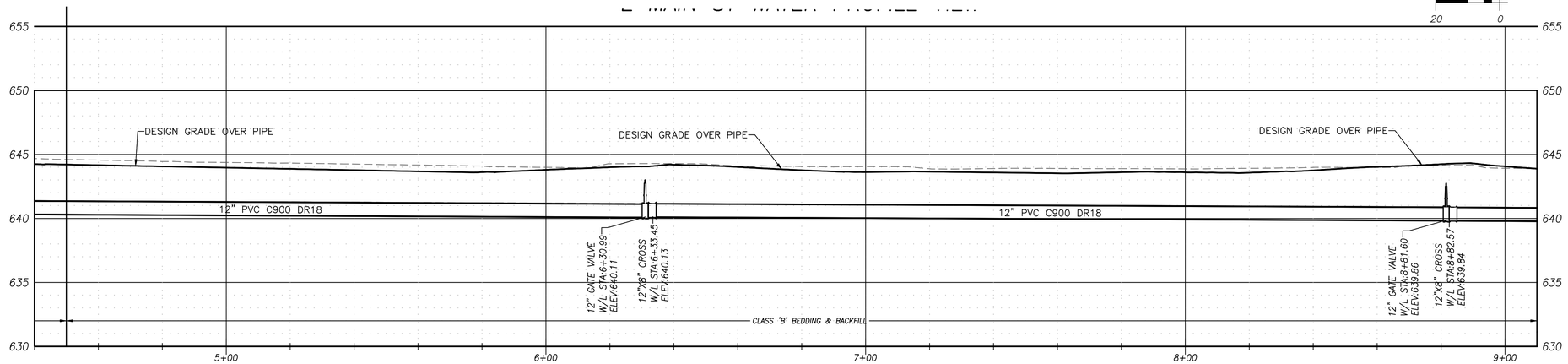
ARS	DG	3/8/2024	22-001H









MAIN STREET WATERLINE PROFILE

SCALE: HORZ: 1" = 20' VERT: 1" = 5'

CONSTRUCTION NOTES:

(200) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(223) FURNISH AND INSTALL 12"X12"X6"X6" CROSS WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(224) FURNISH AND INSTALL 12"X12"X8"X8" CROSS WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(225) FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY WITH VALVE PER CITY OF COTTAGE GROVE STD DWG 401.

(230) FURNISH AND INSTALL 6" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

(231) FURNISH AND INSTALL 8" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

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

REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

MAIN STREET WATER LINE
PLAN AND PROFILE
STA. 4+40 TO 9+10

Sheet No. C2.1

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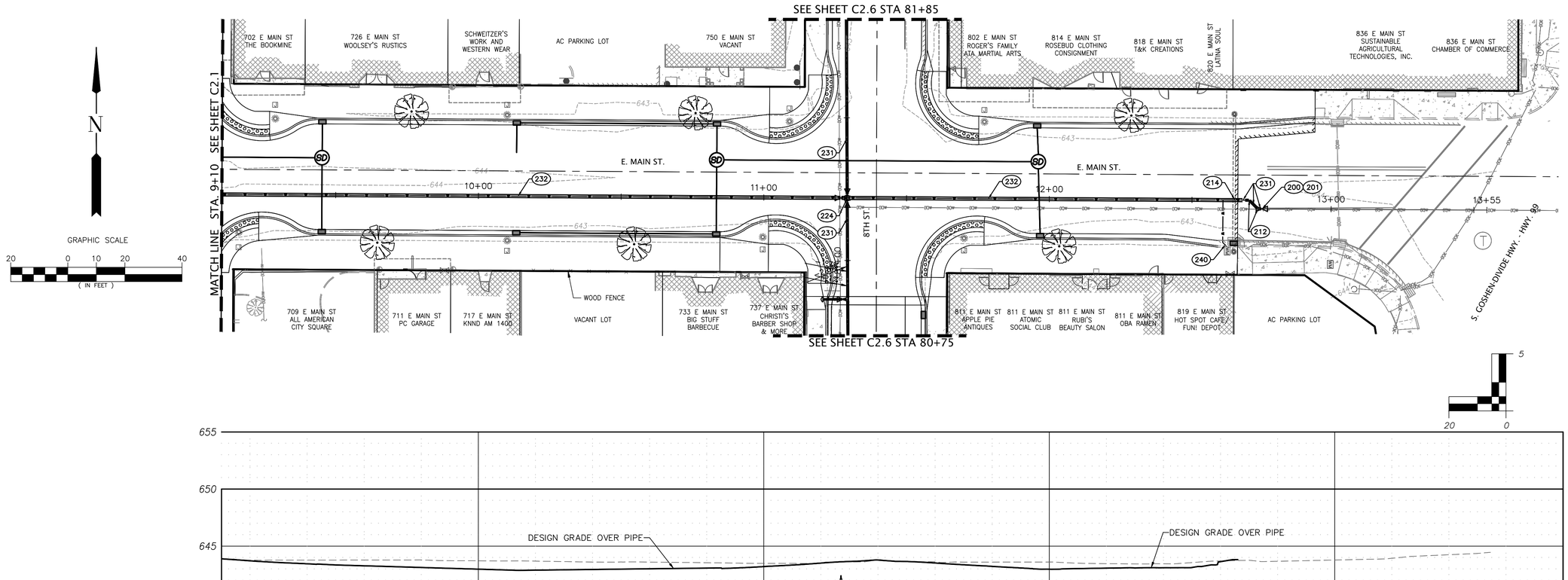

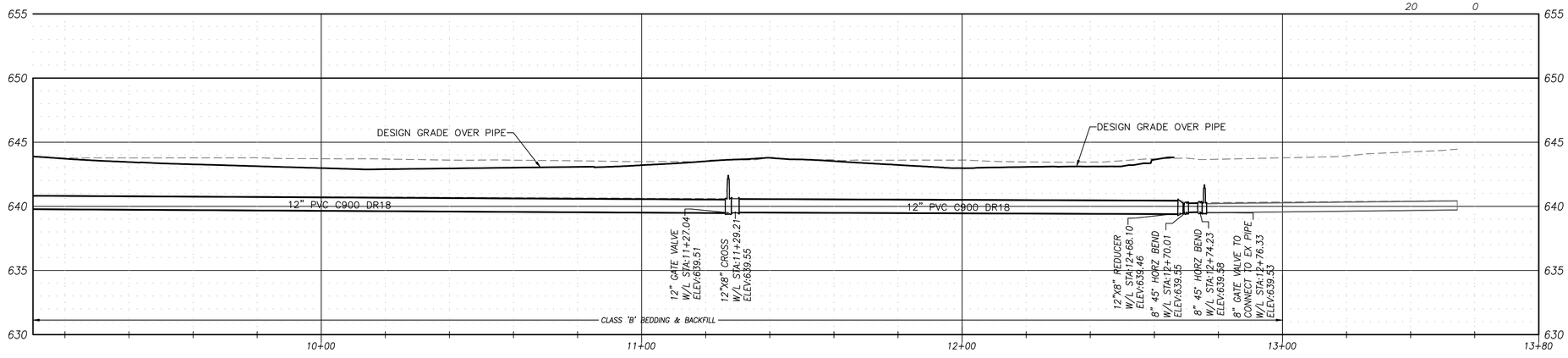

MAIN STREET WATERLINE PROFILE

SCALE: HORZ: 1" = 20' VERT: 1" = 5'

CONSTRUCTION NOTES:

(200) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(201) CITY OF COTTAGE GROVE PUBLIC WORKS TO MAKE FINAL CONNECTION TO EXISTING WATER LINE.

(212) FURNISH AND INSTALL 45° BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(214) FURNISH AND INSTALL 12"X8" REDUCER.

(224) FURNISH AND INSTALL 12"X12"X8"X8" CROSS WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(231) FURNISH AND INSTALL 8" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

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(240) CONTRACTOR TO INSTALL NEW WATER SERVICE TO MATCH EXISTING WATER SERVICE SIZE. CONNECT FROM MAINLINE TO EXISTING WATER METER PER CITY OF COTTAGE GROVE STANDARD DRAWING 400, SHEET C5.1. USE HDPE PIPE STANDARD, SDR 9 CTS. USE APPROPRIATE COUPLINGS AND FITTINGS. BACKFILL TRENCH WITH CLASS E BACKFILL IN ROADWAY.

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REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

MAIN STREET WATER LINE
PLAN AND PROFILE
STA. 9+10 TO 13+80

Sheet No. C2.2

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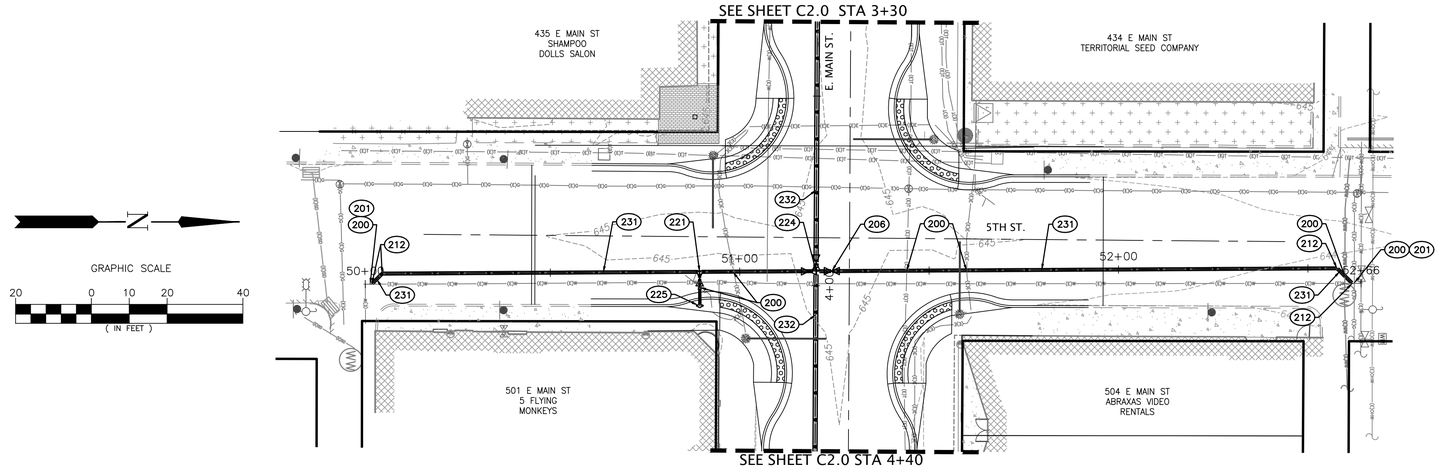

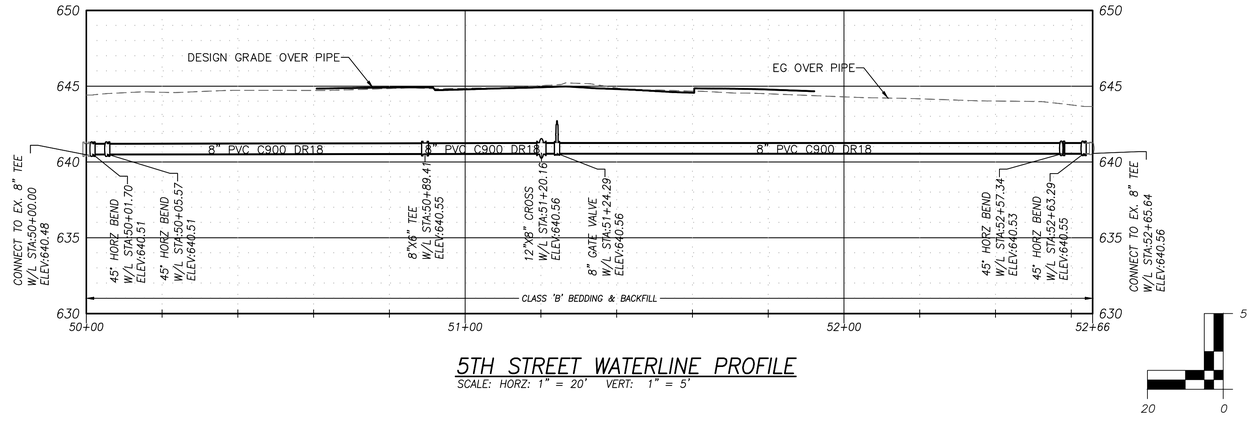

5TH STREET WATERLINE PROFILE

SCALE: HORZ: 1" = 20' VERT: 1" = 5'

CONSTRUCTION NOTES:

(200) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(201) CITY OF COTTAGE GROVE PUBLIC WORKS TO MAKE FINAL CONNECTION TO EXISTING WATER LINE.

(206) FURNISH AND INSTALL 8" GATE VALVE (RESILIENT WEDGE) WITH RETAINER GLANDS.

(212) FURNISH AND INSTALL 45° BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(221) FURNISH AND INSTALL 8"X8"X6" TEE WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(224) FURNISH AND INSTALL 12"X12"X8"X8" CROSS WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(225) FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY WITH VALVE PER CITY OF COTTAGE GROVE STD DWG 401.

(231) FURNISH AND INSTALL 8" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

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REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

5TH STREET WATER LINE
PLAN AND PROFILE

Sheet No. C2.3

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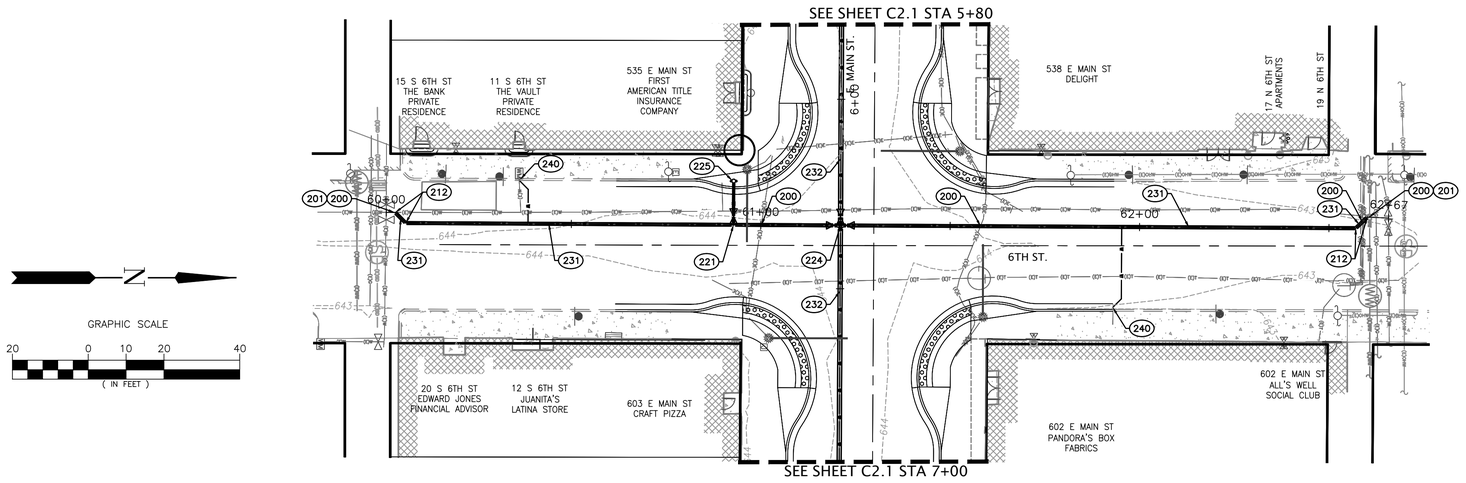

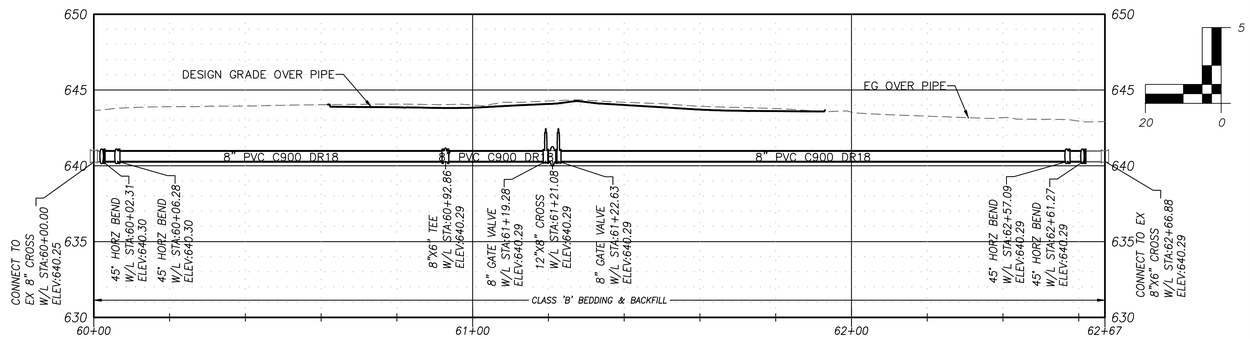

6TH STREET WATERLINE PROFILE

SCALE: HORZ: 1" = 20' VERT: 1" = 5'

CONSTRUCTION NOTES:

(200) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(201) CITY OF COTTAGE GROVE PUBLIC WORKS TO MAKE FINAL CONNECTION TO EXISTING WATER LINE.

(212) FURNISH AND INSTALL 45° BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(221) FURNISH AND INSTALL 8"X8"X6" TEE WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(222) FURNISH AND INSTALL 8"X8"X8" TEE WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(224) FURNISH AND INSTALL 12"X12"X8"X8" CROSS WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(225) FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY WITH VALVE PER CITY OF COTTAGE GROVE STD DWG 401.

(231) FURNISH AND INSTALL 8" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

(232) FURNISH AND INSTALL 12" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

(240) CONTRACTOR TO INSTALL NEW WATER SERVICE TO MATCH EXISTING WATER SERVICE SIZE. CONNECT FROM MAINLINE TO EXISTING WATER METER PER CITY OF COTTAGE GROVE STANDARD DRAWING 400, SHEET C5.1. USE HDPE PIPE STANDARD, SDR 9 CTS. USE APPROPRIATE COUPLINGS AND FITTINGS. BACKFILL TRENCH WITH CLASS E BACKFILL IN ROADWAY.

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

REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

6TH STREET WATER LINE
PLAN AND PROFILE

Sheet No. C2.4

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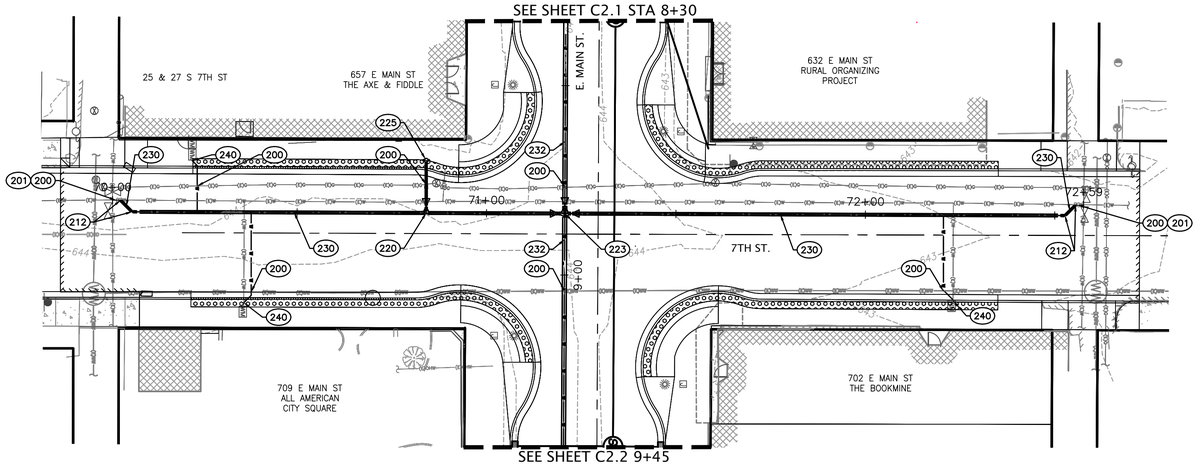
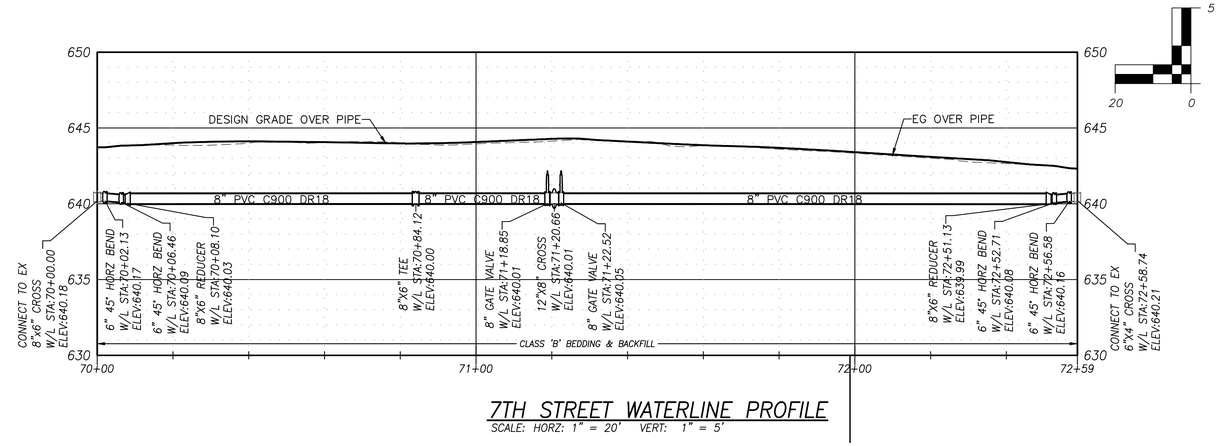
GRAPHIC SCALE

20 0 10 20 40

(IN FEET)





7TH STREET WATERLINE PROFILE

SCALE: HORZ: 1" = 20' VERT: 1" = 5'

CONSTRUCTION NOTES:

(200) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(201) CITY OF COTTAGE GROVE PUBLIC WORKS TO MAKE FINAL CONNECTION TO EXISTING WATER LINE.

(212) FURNISH AND INSTALL 45° BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(220) FURNISH AND INSTALL 6"X6"X6" TEE WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(223) FURNISH AND INSTALL 12"X12"X6"X6" CROSS WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(225) FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY WITH VALVE PER CITY OF COTTAGE GROVE STD DWG 401.

(230) FURNISH AND INSTALL 6" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

(232) FURNISH AND INSTALL 12" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

(240) CONTRACTOR TO INSTALL NEW WATER SERVICE TO MATCH EXISTING WATER SERVICE SIZE. CONNECT FROM MAINLINE TO EXISTING WATER METER PER CITY OF COTTAGE GROVE STANDARD DRAWING 400, SHEET C5.1. USE HDPE PIPE STANDARD, SDR 9 CTS. USE APPROPRIATE COUPLINGS AND FITTINGS. BACKFILL TRENCH WITH CLASS E BACKFILL IN ROADWAY.

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50% DESIGN DRAWINGS

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OREGON
JULY 13, 2004
DAMIEN GILBERT

~~PRELIMINARY~~
~~NOT FOR CONSTRUCTION~~

Expires: June 30, 2025

CITY OF COTTAGE GROVE ENGINEERING

400 Main Street Cottage Grove, OR 97424

REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

7TH STREET WATER LINE
PLAN AND PROFILE

Sheet No. C2.5

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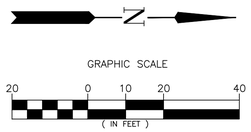

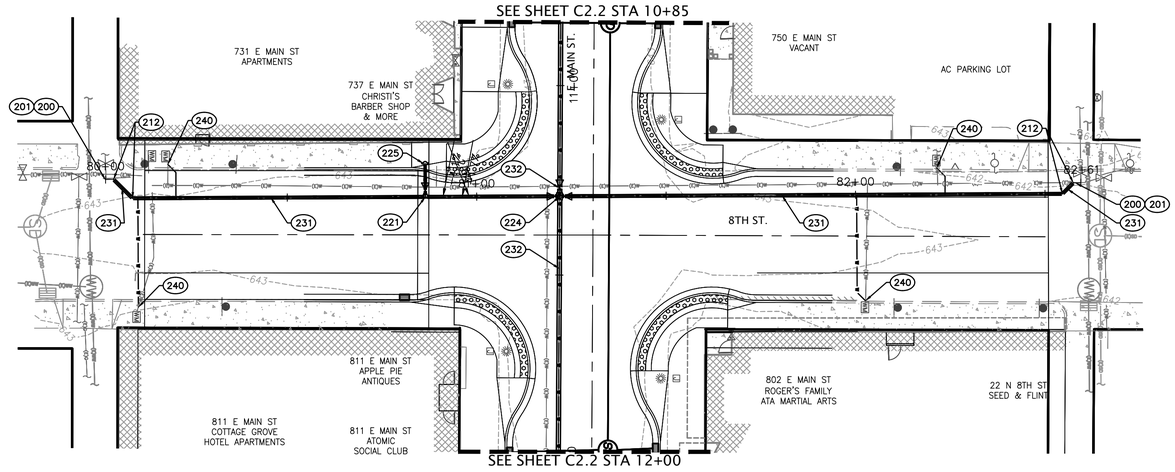

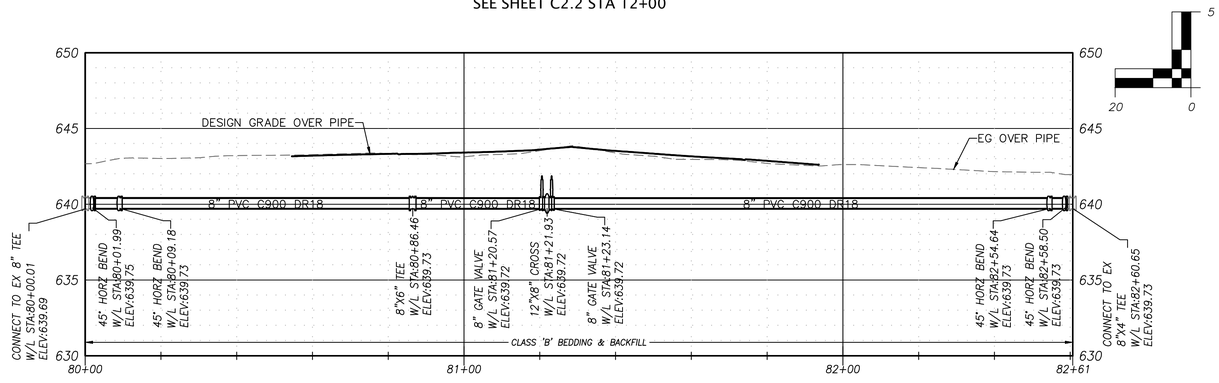

8TH STREET WATERLINE PROFILE

SCALE: HORZ: 1" = 20' VERT: 1" = 5'

CONSTRUCTION NOTES:

(200) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(201) CITY OF COTTAGE GROVE PUBLIC WORKS TO MAKE FINAL CONNECTION TO EXISTING WATER LINE.

(212) FURNISH AND INSTALL 45° BEND. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(221) FURNISH AND INSTALL 8"X8"X6" TEE WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

(224) FURNISH AND INSTALL 12"X12"X8"X8" CROSS WITH RETAINER GLANDS. PROVIDE MECHANICAL JOINT THRUST RESTRAINT.

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(231) FURNISH AND INSTALL 8" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

(232) FURNISH AND INSTALL 12" PVC C-900 (DR 25) WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 30" OF COVER.

(240) CONTRACTOR TO INSTALL NEW WATER SERVICE TO MATCH EXISTING WATER SERVICE SIZE. CONNECT FROM MAINLINE TO EXISTING WATER METER PER CITY OF COTTAGE GROVE STANDARD DRAWING 400, SHEET C5.1. USE HDPE PIPE STANDARD, SDR 9 CTS. USE APPROPRIATE COUPLINGS AND FITTINGS. BACKFILL TRENCH WITH CLASS E BACKFILL IN ROADWAY.

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E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

8TH STREET WATER LINE
PLAN AND PROFILE

Sheet No. C2.6

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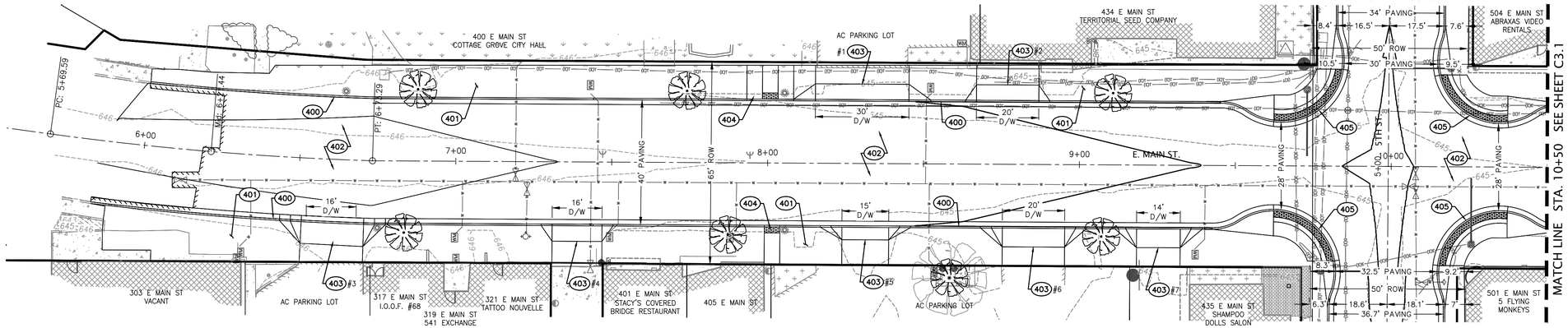


CONSTRUCTION NOTES:

(300) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(301) FURNISH AND INSTALL STANDARD 48" STORM MANHOLE PER CITY STD. DWG. 303 ON SHEET C5.0.

(302) FURNISH AND INSTALL STANDARD CATCH BASIN PER CITY STD. DWGS. 307 AND 307(A) ON SHEET C5.1.

(305) FURNISH AND INSTALL 10" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(306) FURNISH AND INSTALL 12" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(309) FURNISH AND INSTALL 3" PVC SCH40 ROOF DRAIN WEEP HOLE. CONNECT TO EXISTING USING APPROPRIATE FITTINGS. SEE CITY STD. DWG. 213 ON SHEET C5.0.

(310) CONNECT TO EXISTING STORM PIPE WITH APPROPRIATE COUPLINGS.

(311) CORE DRILL EXISTING STORM MANHOLE AND INSTALL NEW STORM PIPE USING NON-SHRINK GROUT.

(400) CONSTRUCT STANDARD CURB AND GUTTER PER DETAIL CITY STD. DWG. 213 ON SHEET C5.0.

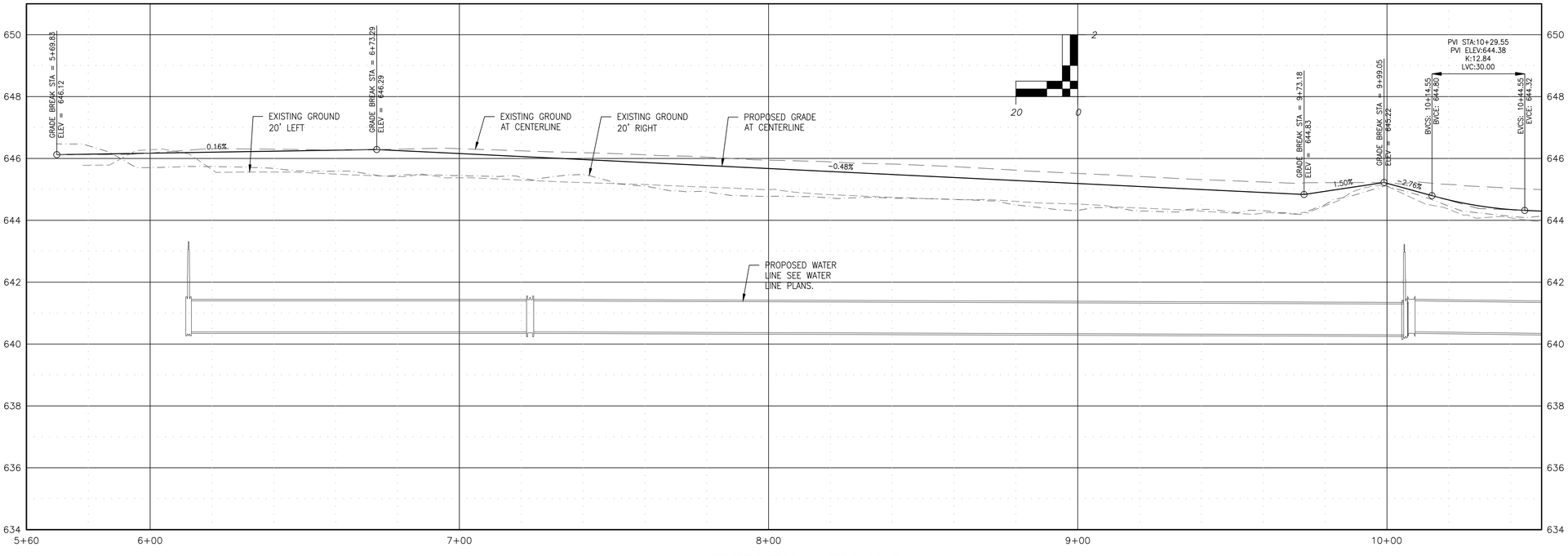
(401) CONSTRUCT 4" THICK CONCRETE SIDEWALK OVER X CRUSHED ROCK PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET C0.2, CITY STD. DWG. 216 AND ODOT STD. DWG. RD720 ON SHEET C5.0.

(402) CONSTRUCT 4" THICK LEVEL 2, 1/2" DENSE HMAC IN TWO 2" LIFTS OVER 12" THICK 1" MINUS CRUSHED ROCK WITH GEOTEXTILE SUBGRADE SEPARATION FABRIC BELOW, PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET C0.2.

(403) CONSTRUCT COMMERCIAL DRIVEWAY APPROACH PER CITY STD. DWG. 214B ON SHEET C5.0. SEE GRADING DETAILS ON SHEETS C4.0 AND C4.1

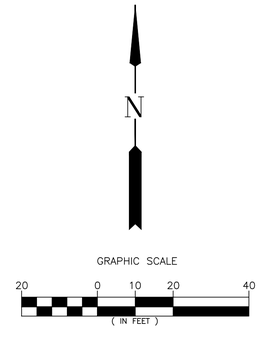
(404) CONSTRUCT 5' WIDE PERPENDICULAR ADA RAMP PER CITY STD. DWG. 220 ON SHEET C5.0. SEE GRADING DETAILS ON SHEETS C4.0 AND C4.1.

(405) CONSTRUCT RAISED INTERSECTION WITH DETECTIBLE WARNING SURFACE ALONG BACK OF CURB LINE PER GRADING DETAILS ON SHEET C4.2.



MAIN STREET & STORMWATER PROFILE

SCALE: HORZ. 1" = 20'
VERT. 1" = 2'



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E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

MAIN STREET & STORMWATER
PLAN AND PROFILE
STA. 5+80 TO 10+50

Sheet No. **C3.0**

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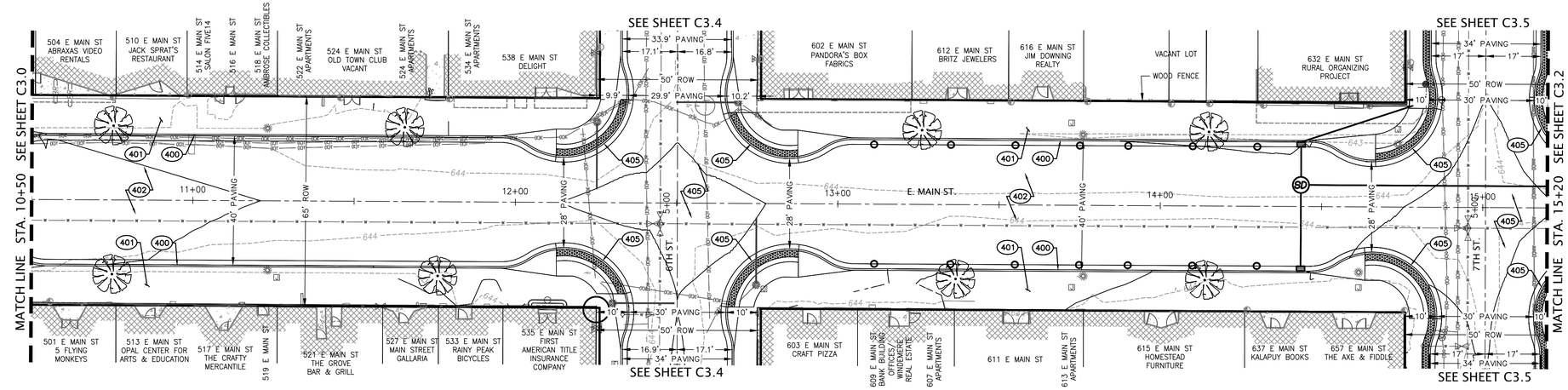

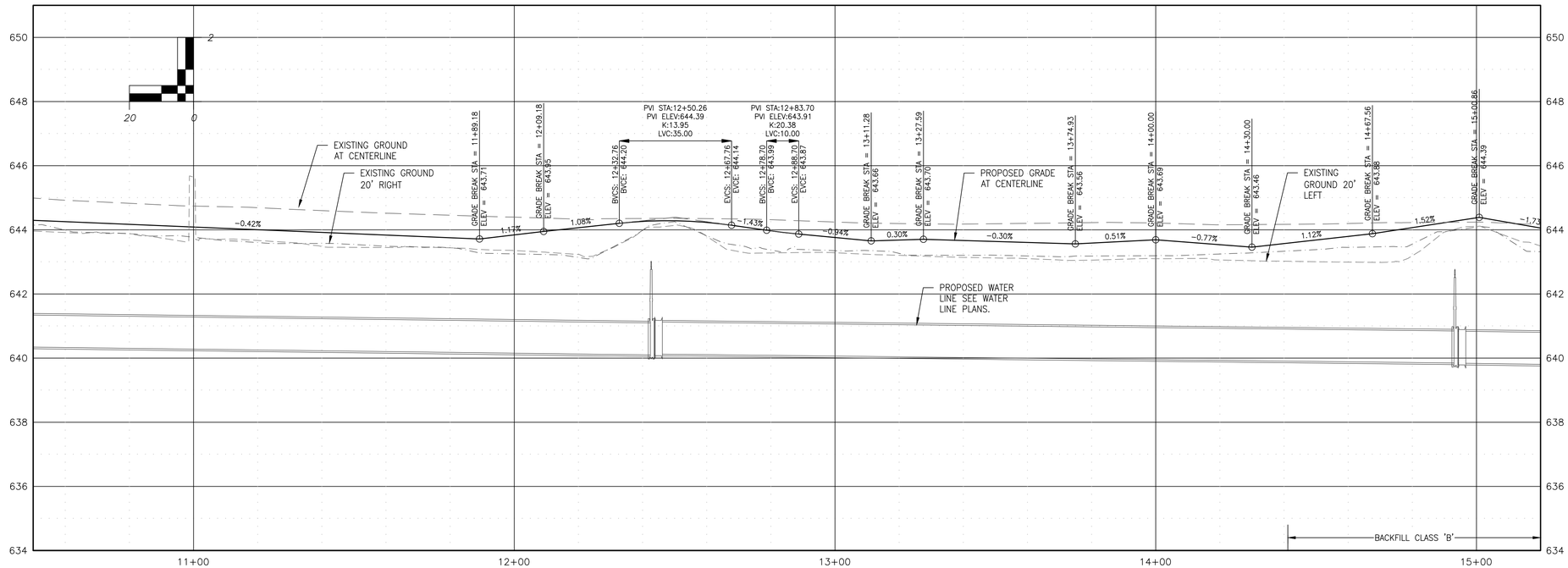

MAIN STREET & STORMWATER PROFILE

SCALE: HORZ. 1" = 20'
VERT. 1" = 2'

CONSTRUCTION NOTES:

(300) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(301) FURNISH AND INSTALL STANDARD 48" STORM MANHOLE PER CITY STD. DWG. 303 ON SHEET C5.0.

(302) FURNISH AND INSTALL STANDARD CATCH BASIN PER CITY STD. DWGS. 307 AND 307(A) ON SHEET C5.1.

(305) FURNISH AND INSTALL 10" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(306) FURNISH AND INSTALL 12" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(309) FURNISH AND INSTALL 3" PVC SCH40 ROOF DRAIN WEEP HOLE. CONNECT TO EXISTING USING APPROPRIATE FITTINGS. SEE CITY STD. DWG. 213 ON SHEET C5.0.

(310) CONNECT TO EXISTING STORM PIPE WITH APPROPRIATE COUPLINGS.

(311) CORE DRILL EXISTING STORM MANHOLE AND INSTALL NEW STORM PIPE USING NON-SHRINK GROUT.

(400) CONSTRUCT STANDARD CURB AND GUTTER PER DETAIL CITY STD. DWG. 213 ON SHEET C5.0.

(401) CONSTRUCT 4" THICK CONCRETE SIDEWALK OVER X CRUSHED ROCK PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET CO.2, CITY STD. DWG. 216 AND ODOT STD. DWG. RD720 ON SHEET C5.0.

(402) CONSTRUCT 4" THICK LEVEL 2, 1/2" DENSE HMAC IN TWO 2" LIFTS OVER 12" THICK 1" MINUS CRUSHED ROCK WITH GEOTEXTILE SUBGRADE SEPARATION FABRIC BELOW, PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET CO.2.

(405) CONSTRUCT RAISED INTERSECTION WITH DETECTIBLE WARNING SURFACE ALONG BACK OF CURB LINE PER GRADING DETAILS ON SHEETS C4.3 AND C4.4.

N

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20 0 10 20 40
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E. MAIN STREET REVITALIZATION PROJ.
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MAIN STREET & STORMWATER PLAN AND PROFILE STA. 10+50 TO 15+20

Sheet No. C3.1

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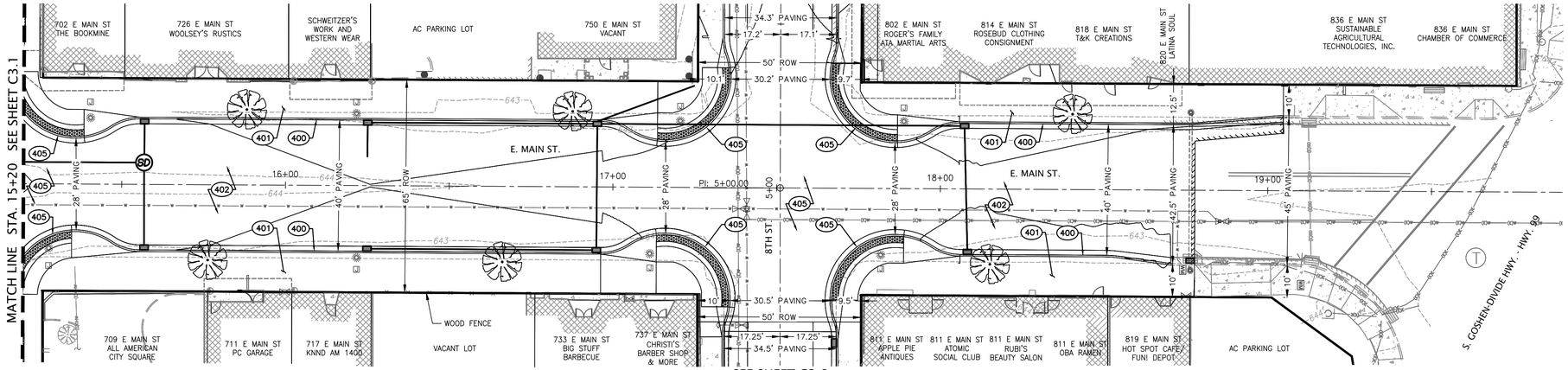

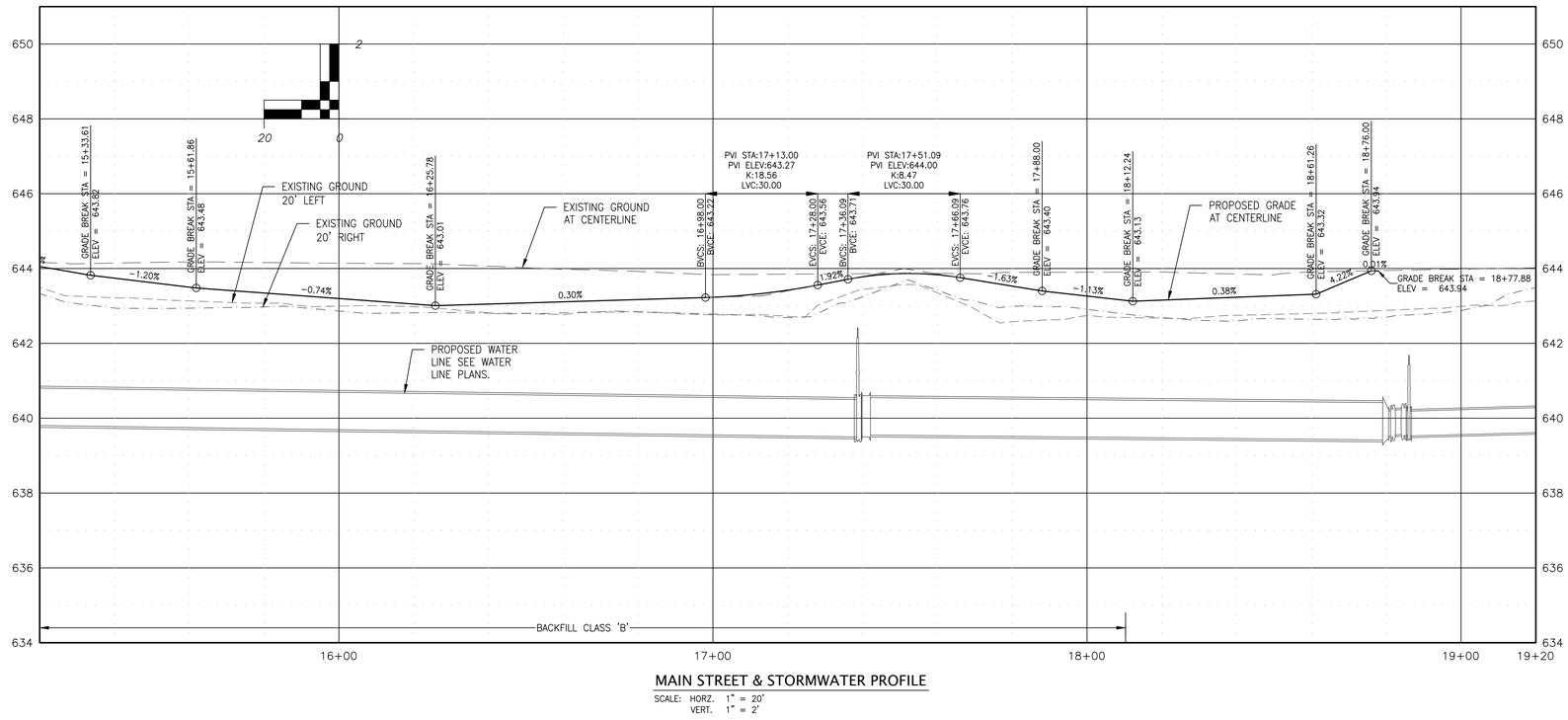

MAIN STREET & STORMWATER PROFILE

SCALE: HORZ. 1" = 20'
VERT. 1" = 2'

CONSTRUCTION NOTES:

(300) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(301) FURNISH AND INSTALL STANDARD 48" STORM MANHOLE PER CITY STD. DWG. 303 ON SHEET C5.0.

(302) FURNISH AND INSTALL STANDARD CATCH BASIN PER CITY STD. DWGS. 307 AND 307(A) ON SHEET C5.1.

(305) FURNISH AND INSTALL 10" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(306) FURNISH AND INSTALL 12" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(309) FURNISH AND INSTALL 3" PVC SCH40 ROOF DRAIN WEEP HOLE. CONNECT TO EXISTING USING APPROPRIATE FITTINGS. SEE CITY STD. DWG. 213 ON SHEET C5.0.

(310) CONNECT TO EXISTING STORM PIPE WITH APPROPRIATE COUPLINGS.

(311) CORE DRILL EXISTING STORM MANHOLE AND INSTALL NEW STORM PIPE USING NON-SHRINK GROUT.

(400) CONSTRUCT STANDARD CURB AND GUTTER PER DETAIL CITY STD. DWG. 213 ON SHEET C5.0.

(401) CONSTRUCT 4" THICK CONCRETE SIDEWALK OVER X CRUSHED ROCK PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET CO.2, CITY STD. DWG. 216 AND ODOT STD. DWG. RD720 ON SHEET C5.0.

(402) CONSTRUCT 4" THICK LEVEL 2, 1/2" DENSE HMAC IN TWO 2" LIFTS OVER 12" THICK 1" MINUS CRUSHED ROCK WITH GEOTEXTILE SUBGRADE SEPARATION FABRIC BELOW, PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET CO.2.

(405) CONSTRUCT RAISED INTERSECTION WITH DETECTIBLE WARNING SURFACE ALONG BACK OF CURB LINE PER GRADING DETAILS ON SHEETS C4.4 AND C4.6.

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GRAPHIC SCALE
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E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

MAIN STREET & STORMWATER PLAN AND PROFILE STA. 15+20 TO 19+80

Sheet No. C3.2

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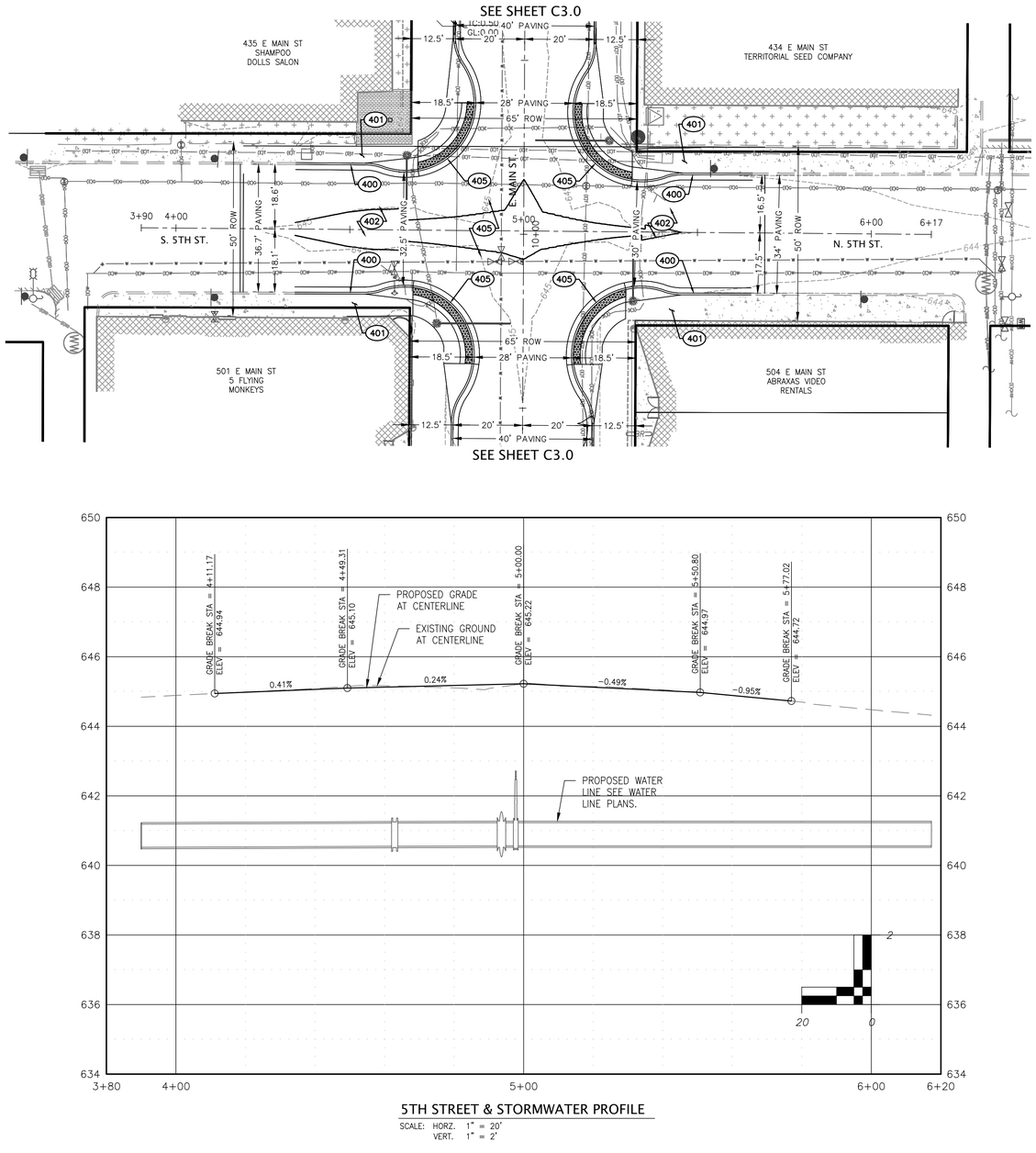

5TH STREET & STORMWATER PROFILE

SCALE: HORZ. 1" = 20'
VERT. 1" = 2'

CONSTRUCTION NOTES:

(300) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(301) FURNISH AND INSTALL STANDARD 48" STORM MANHOLE PER CITY STD. DWG. 303 ON SHEET C5.0.

(302) FURNISH AND INSTALL STANDARD CATCH BASIN PER CITY STD. DWGS. 307 AND 307(A) ON SHEET C5.1.

(305) FURNISH AND INSTALL 10" PVC DJ034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(306) FURNISH AND INSTALL 12" PVC DJ034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(309) FURNISH AND INSTALL 3" PVC SCH40 ROOF DRAIN WEEP HOLE. CONNECT TO EXISTING USING APPROPRIATE FITTINGS. SEE CITY STD. DWG. 213 ON SHEET C5.0.

(310) CONNECT TO EXISTING STORM PIPE WITH APPROPRIATE COUPLINGS.

(311) CORE DRILL EXISTING STORM MANHOLE AND INSTALL NEW STORM PIPE USING NON-SHRINK GROUT.

(400) CONSTRUCT STANDARD CURB AND GUTTER PER DETAIL CITY STD. DWG. 213 ON SHEET C5.0.

(401) CONSTRUCT 4" THICK CONCRETE SIDEWALK OVER X CRUSHED ROCK PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET C0.2, CITY STD. DWG. 216 AND ODOT STD. DWG. RD720 ON SHEET C5.0.

(402) CONSTRUCT 4" THICK LEVEL 2, 1/2" DENSE HMAC IN TWO 2" LIFTS OVER 12" THICK 1" MINUS CRUSHED ROCK WITH GEOTEXTILE SUBGRADE SEPARATION FABRIC BELOW, PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET C0.2.

(405) CONSTRUCT RAISED INTERSECTION WITH DETECTIBLE WARNING SURFACE ALONG BACK OF CURB LINE PER GRADING DETAILS ON SHEET C4.2.

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5TH STREET & STORMWATER
PLAN AND PROFILE

Sheet No. C3.3

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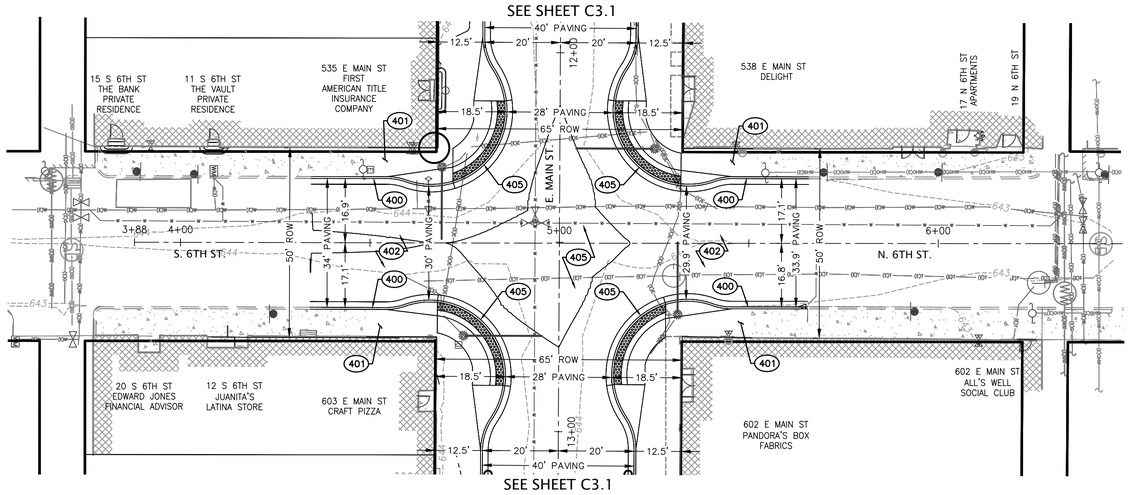

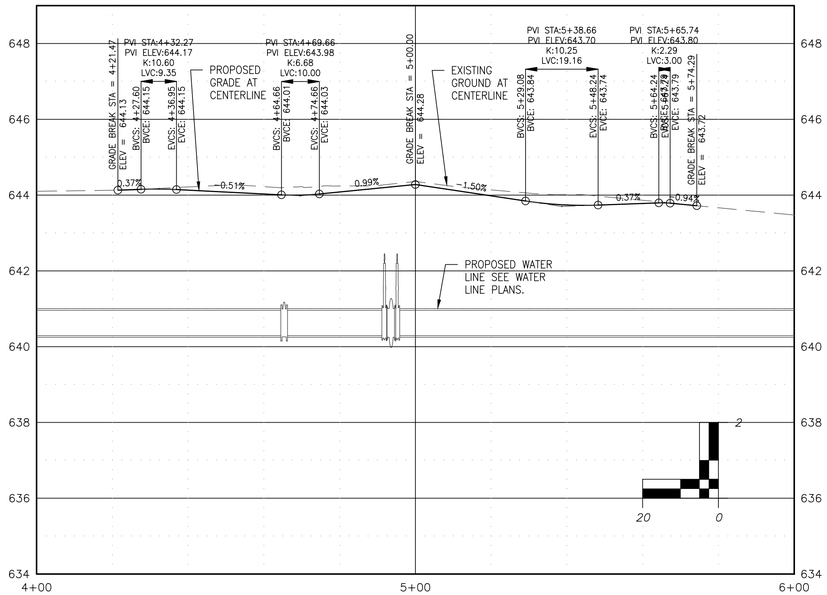

6TH STREET & STORMWATER PROFILE

SCALE: HORZ. 1" = 20'
VERT. 1" = 2'

CONSTRUCTION NOTES:

(300) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(301) FURNISH AND INSTALL STANDARD 48" STORM MANHOLE PER CITY STD. DWG. 303 ON SHEET C5.0.

(302) FURNISH AND INSTALL STANDARD CATCH BASIN PER CITY STD. DWGS. 307 AND 307(A) ON SHEET C5.1.

(305) FURNISH AND INSTALL 10" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(306) FURNISH AND INSTALL 12" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(309) FURNISH AND INSTALL 3" PVC SCH40 ROOF DRAIN WEEP HOLE. CONNECT TO EXISTING USING APPROPRIATE FITTINGS. SEE CITY STD. DWG. 213 ON SHEET C5.0.

(310) CONNECT TO EXISTING STORM PIPE WITH APPROPRIATE COUPLINGS.

(311) CORE DRILL EXISTING STORM MANHOLE AND INSTALL NEW STORM PIPE USING NON-SHRINK GROUT.

(400) CONSTRUCT STANDARD CURB AND GUTTER PER DETAIL CITY STD. DWG. 213 ON SHEET C5.0.

(401) CONSTRUCT 4" THICK CONCRETE SIDEWALK OVER X CRUSHED ROCK PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET C0.2, CITY STD. DWG. 216 AND ODOT STD. DWG. RD720 ON SHEET C5.0.

(402) CONSTRUCT 4" THICK LEVEL 2, 1/2" DENSE HMAC IN TWO 2" LIFTS OVER 12" THICK 1" MINUS CRUSHED ROCK WITH GEOTEXTILE SUBGRADE SEPARATION FABRIC BELOW, PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET C0.2.

(405) CONSTRUCT RAISED INTERSECTION WITH DETECTIBLE WARNING SURFACE ALONG BACK OF CURB LINE PER GRADING DETAILS ON SHEET C4.3.

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GRAPHIC SCALE
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(IN FEET)

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PUBLIC IMPROVEMENTS

6TH STREET & STORMWATER
PLAN AND PROFILE

Sheet No. C3.4

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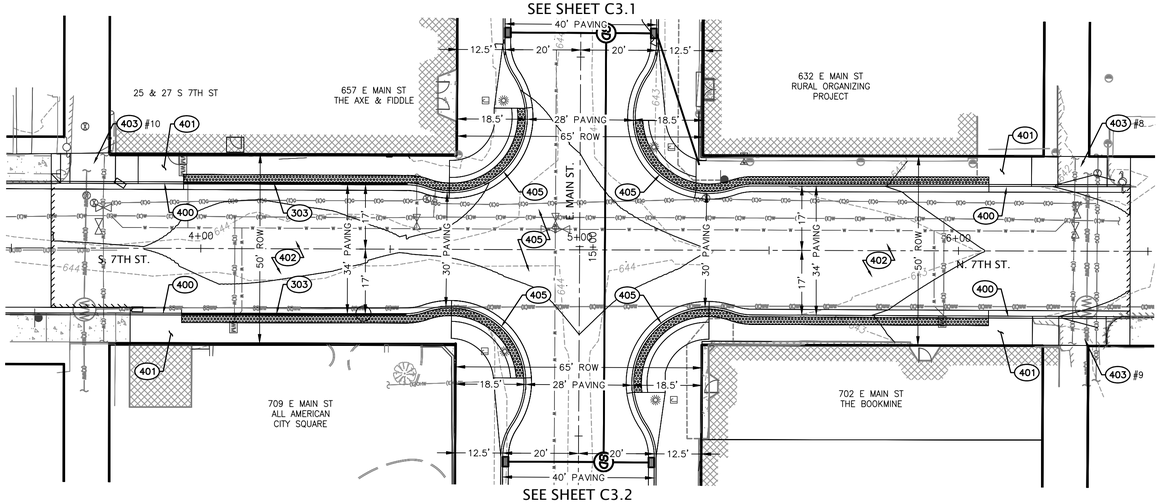

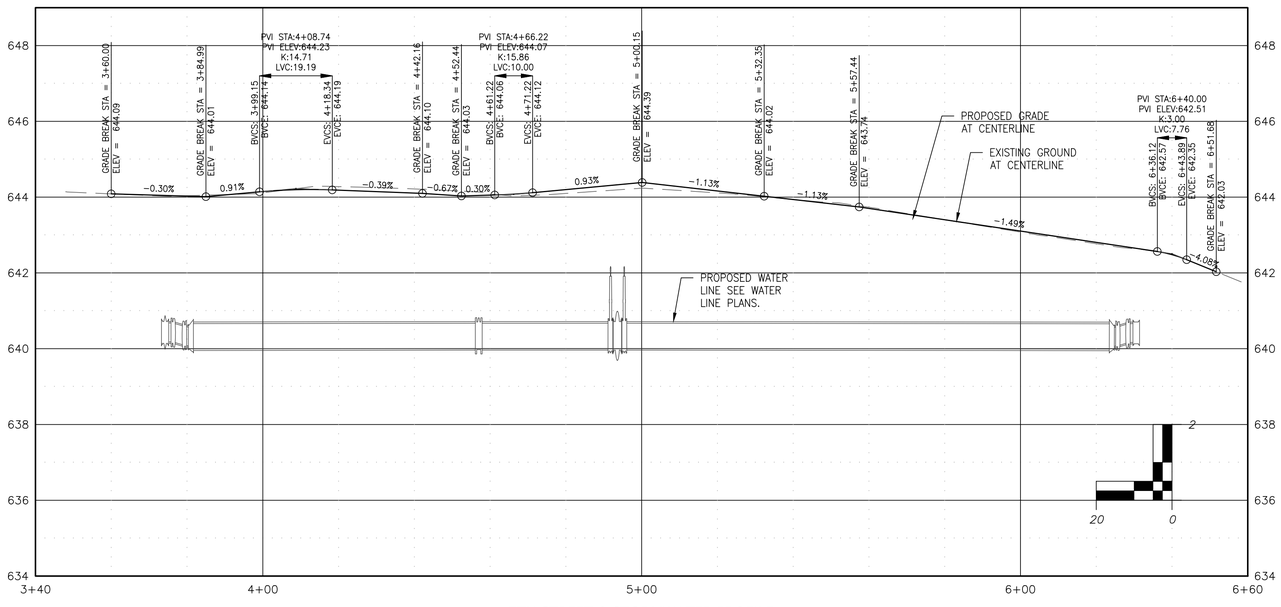

7TH STREET & STORMWATER PROFILE

SCALE: HORZ. 1" = 20'
VERT. 1" = 2'

CONSTRUCTION NOTES:

300 POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

301 FURNISH AND INSTALL STANDARD 48" STORM MANHOLE PER CITY STD. DWG. 303 ON SHEET C5.0.

302 FURNISH AND INSTALL STANDARD CATCH BASIN PER CITY STD. DWGS. 307 AND 307(A) ON SHEET C5.1.

303 FURNISH AND INSTALL TRENCH DRAIN PER XX.

305 FURNISH AND INSTALL 10" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

306 FURNISH AND INSTALL 12" PVC D3034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

309 FURNISH AND INSTALL 3" PVC SCH40 ROOF DRAIN WEEP HOLE. CONNECT TO EXISTING USING APPROPRIATE FITTINGS. SEE CITY STD. DWG. 213 ON SHEET C5.0.

310 CONNECT TO EXISTING STORM PIPE WITH APPROPRIATE COUPLINGS.

311 CORE DRILL EXISTING STORM MANHOLE AND INSTALL NEW STORM PIPE USING NON-SHRINK GROUT.

400 CONSTRUCT STANDARD CURB AND GUTTER PER DETAIL CITY STD. DWG. 213 ON SHEET C5.0.

401 CONSTRUCT 4" THICK CONCRETE SIDEWALK OVER X CRUSHED ROCK PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET C0.2, CITY STD. DWG. 216 AND ODOT STD. DWG. RD720 ON SHEET C5.0.

402 CONSTRUCT 4" THICK LEVEL 2, 1/2" DENSE HMAC IN TWO 2" LIFTS OVER 12" THICK 1" MINUS CRUSHED ROCK WITH GEOTEXTILE SUBGRADE SEPARATION FABRIC BELOW, PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET C0.2.

403 CONSTRUCT COMMERCIAL DRIVEWAY APPROACH PER CITY STD. DWG. 214B ON SHEET C5.0. SEE GRADING DETAILS ON SHEET C4.5.

405 CONSTRUCT RAISED INTERSECTION WITH DETECTIBLE WARNING SURFACE ALONG BACK OF CURB LINE PER GRADING DETAIL ON SHEET C4.4.

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)

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400 Main Street Cottage Grove, OR 97424

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E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

7TH STREET & STORMWATER
PLAN AND PROFILE

Sheet No. C3.5

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ARS	DG	3/8/2024	22-001H

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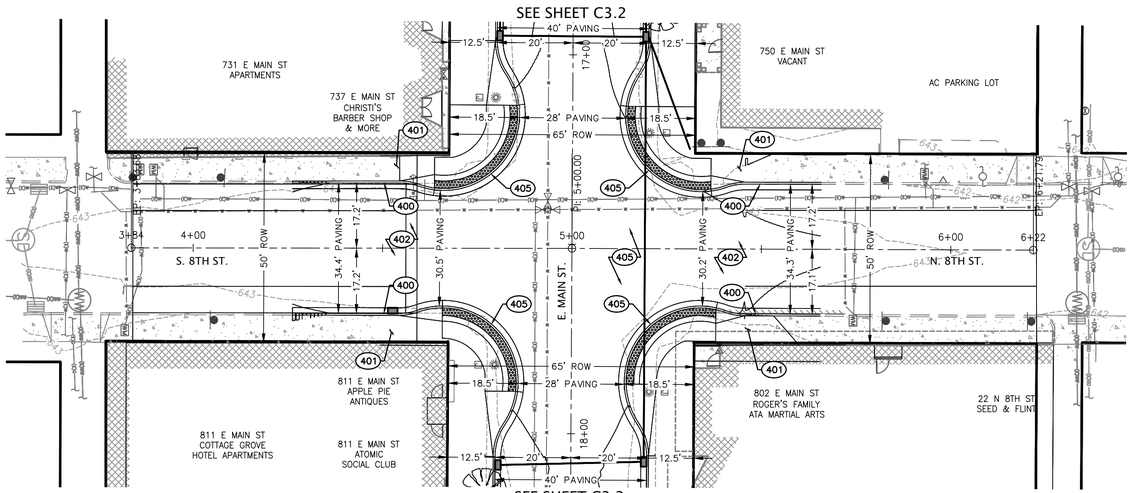

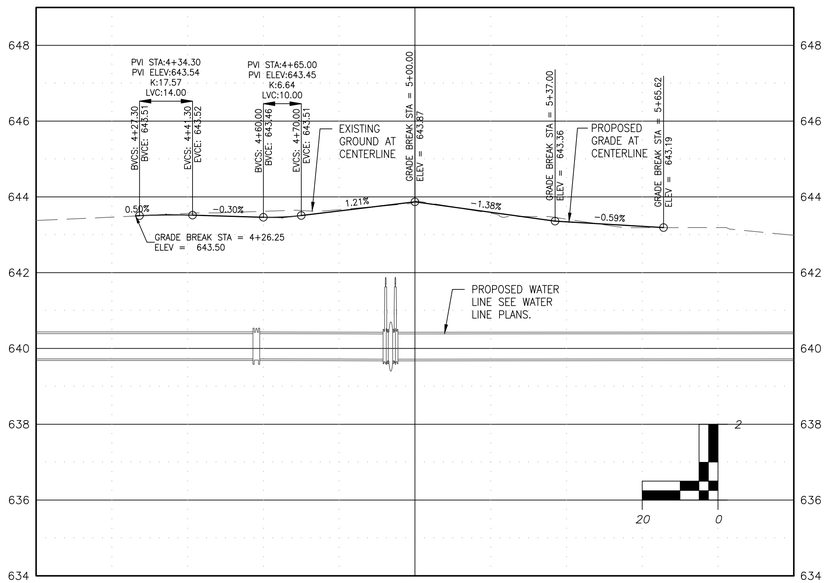

8TH STREET & STORMWATER PROFILE

SCALE: HORZ. 1" = 20'
VERT. 1" = 2'

CONSTRUCTION NOTES:

(300) POTHOLE EXISTING UTILITY LINE AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.

(301) FURNISH AND INSTALL STANDARD 48" STORM MANHOLE PER CITY STD. DWG. 303 ON SHEET C5.0.

(302) FURNISH AND INSTALL STANDARD CATCH BASIN PER CITY STD. DWGS. 307 AND 307(A) ON SHEET C5.1.

(305) FURNISH AND INSTALL 10" PVC DJ034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(306) FURNISH AND INSTALL 12" PVC DJ034 STORM LINE. USE CLASS B BACKFILL, PER CITY STD. DWG. RD300(A) ON SHEET C5.0.

(309) FURNISH AND INSTALL 3" PVC SCH40 ROOF DRAIN WEEP HOLE. CONNECT TO EXISTING USING APPROPRIATE FITTINGS. SEE CITY STD. DWG. 213 ON SHEET C5.0.

(310) CONNECT TO EXISTING STORM PIPE WITH APPROPRIATE COUPLINGS.

(311) CORE DRILL EXISTING STORM MANHOLE AND INSTALL NEW STORM PIPE USING NON-SHRINK GROUT.

(400) CONSTRUCT STANDARD CURB AND GUTTER PER DETAIL CITY STD. DWG. 213 ON SHEET C5.0.

(401) CONSTRUCT 4" THICK CONCRETE SIDEWALK OVER X CRUSHED ROCK PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET C0.2, CITY STD. DWG. 216 AND ODOT STD. DWG. RD720 ON SHEET C5.0.

(402) CONSTRUCT 4" THICK LEVEL 2, 1/2" DENSE HMAC IN TWO 2" LIFTS OVER 12" THICK 1" MINUS CRUSHED ROCK WITH GEOTEXTILE SUBGRADE SEPARATION FABRIC BELOW, PER PROPOSED MAIN STREET TYPICAL SECTION ON SHEET C0.2.

(405) CONSTRUCT RAISED INTERSECTION WITH DETECTIBLE WARNING SURFACE ALONG BACK OF CURB LINE PER GRADING DETAILS ON SHEET C4.6.

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)

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JULY 13, 2005
DAMIEN GILBERT
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Expires: June 30, 2025

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

REVISIONS:

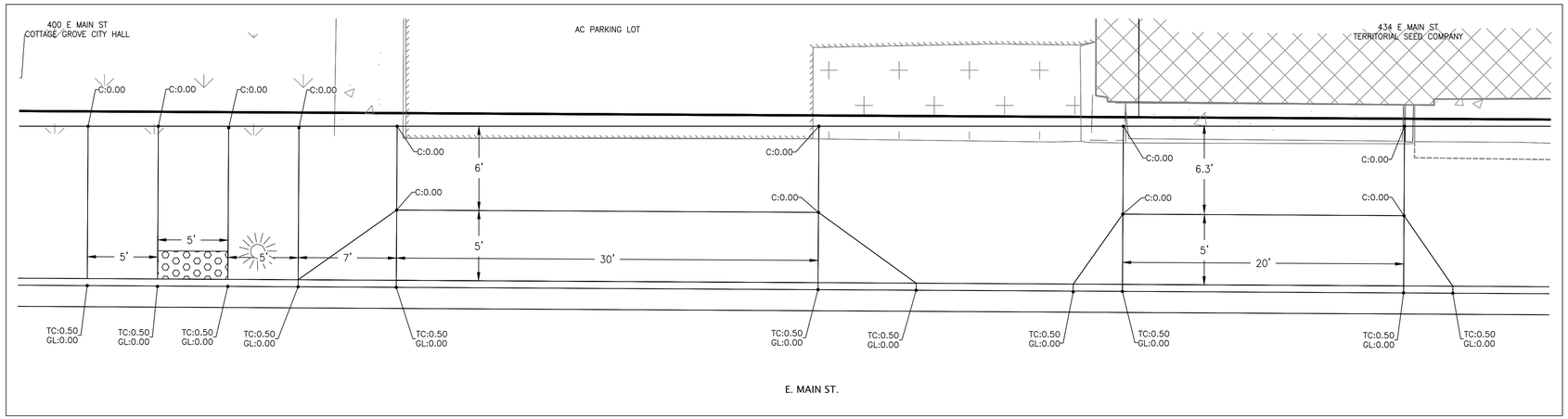
No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

8TH STREET & STORMWATER
PLAN AND PROFILE

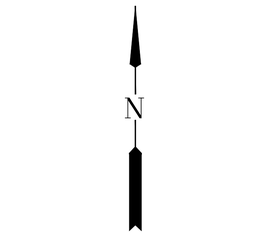
Sheet No. C3.6

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H



ADA RAMP 1 AND DRIVEWAYS 3 & 5

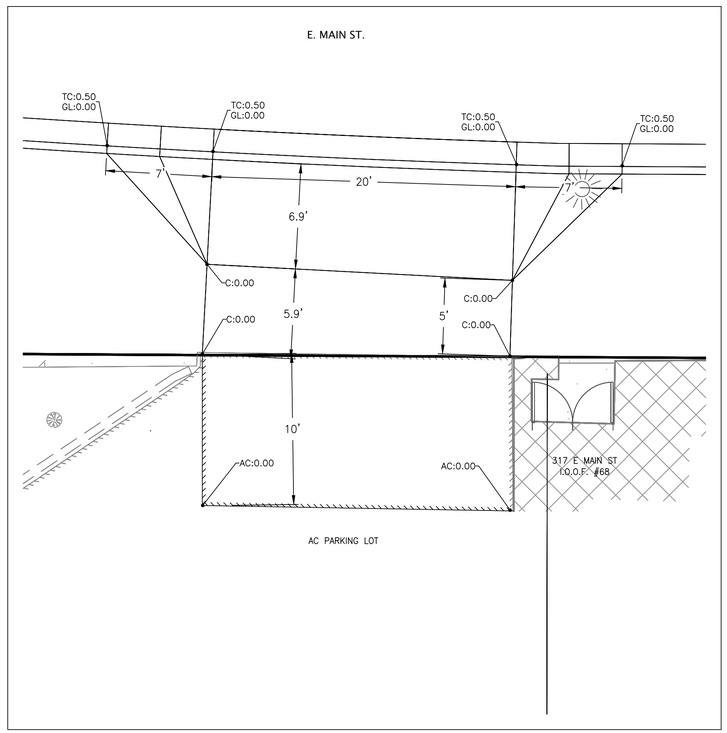
SCALE: 1" = 5'



GRAPHIC SCALE

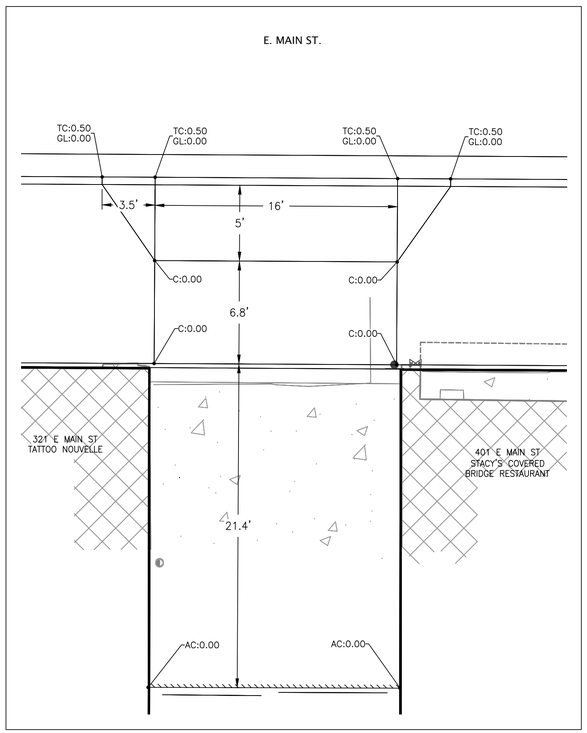
5 0 2.5 5 100

(IN FEET)



DRIVEWAY 1

SCALE: 1" = 5'



DRIVEWAY 2

SCALE: 1" = 5'

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REVISIONS:

No.	DESCRIPTION	DATE

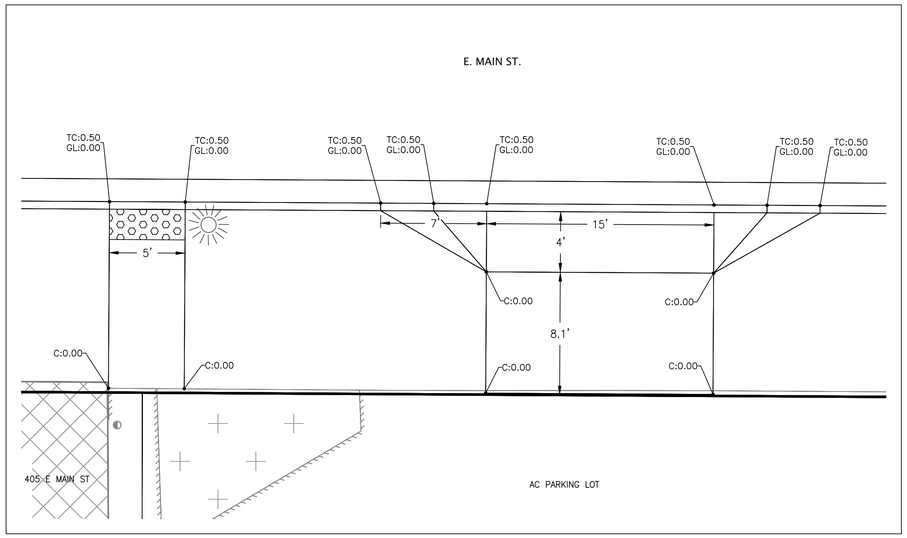
E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

DRIVEWAY AND ADA RAMP DETAILS
MAIN STREET

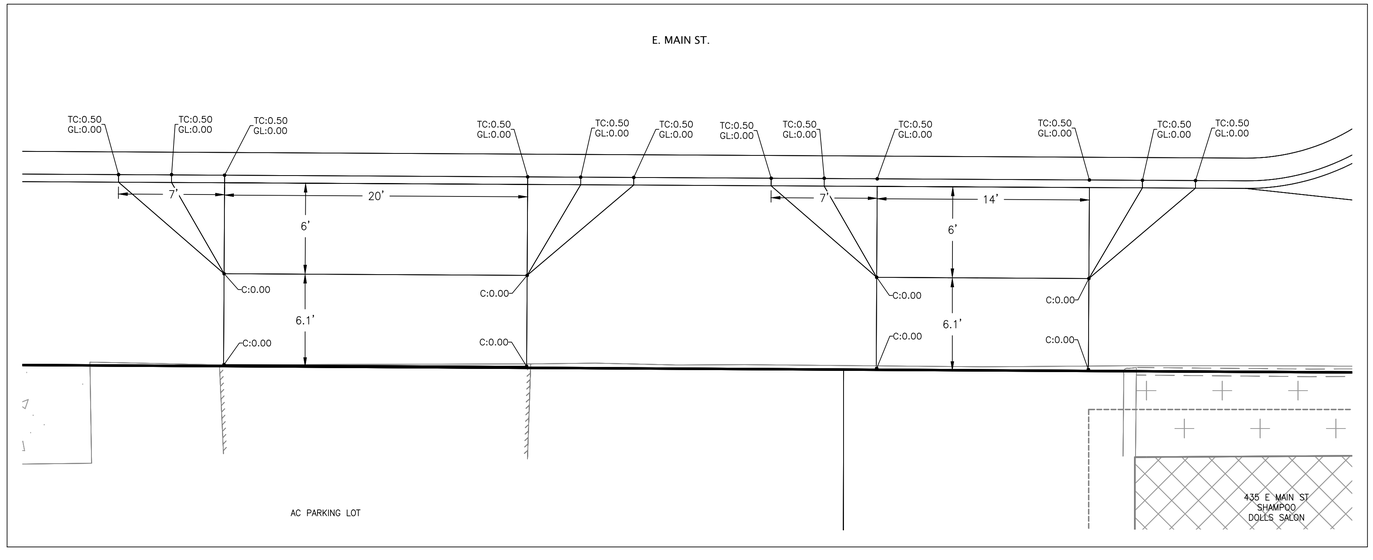
Sheet No. **C4.0**

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H



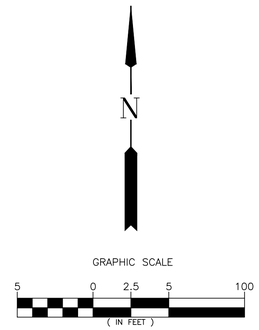
ADA RAMP 2 AND DRIVEWAY 4

SCALE: 1" = 5'



DRIVEWAYS 6 & 7

SCALE: 1" = 5'



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REVISIONS:

No.	DESCRIPTION	DATE

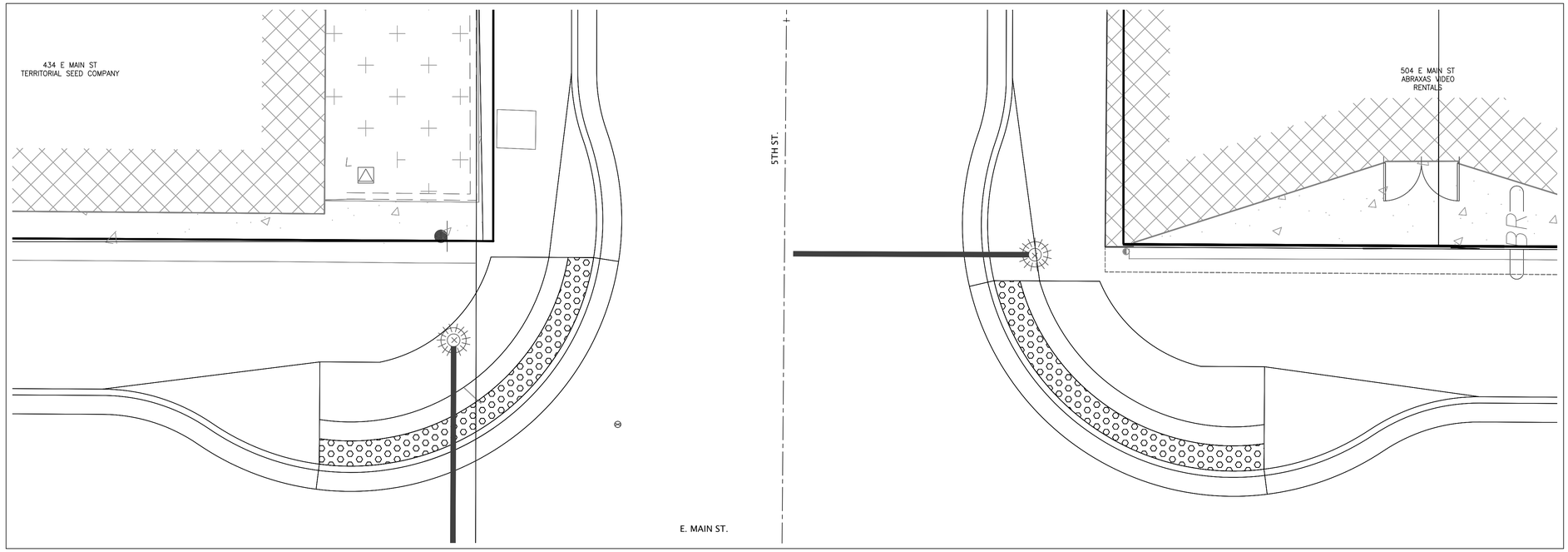
E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

DRIVEWAY AND ADA RAMP DETAILS
MAIN STREET

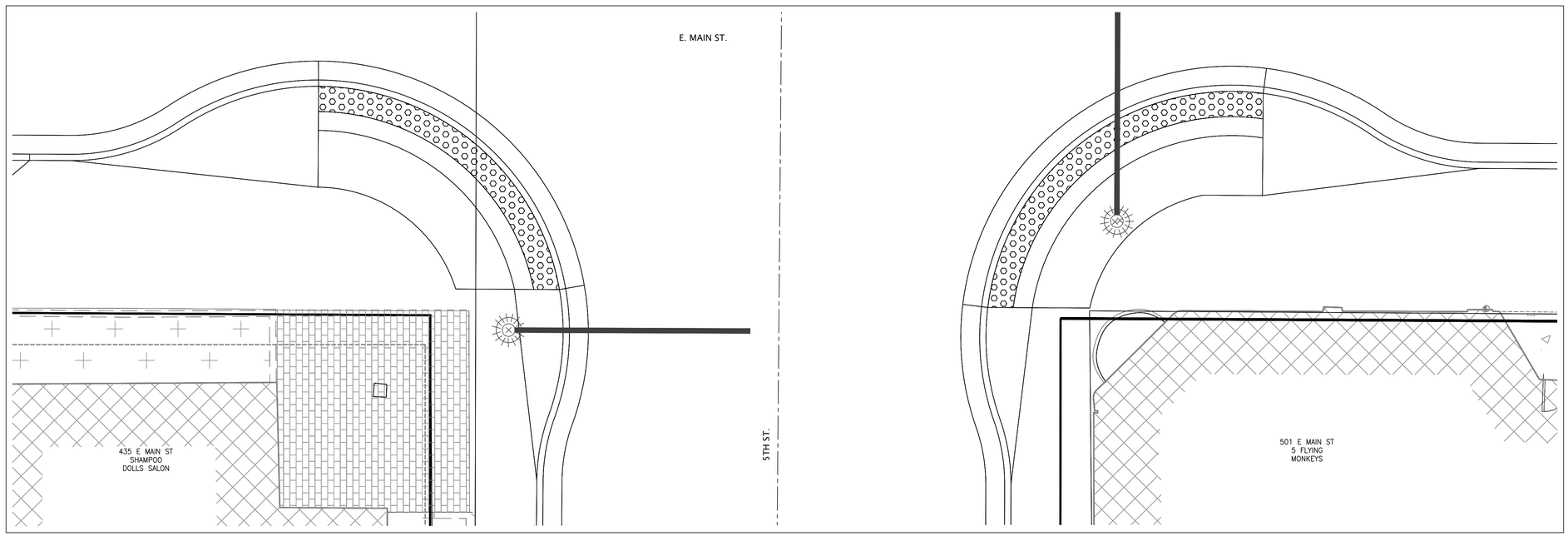
Sheet No. C4.1

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H



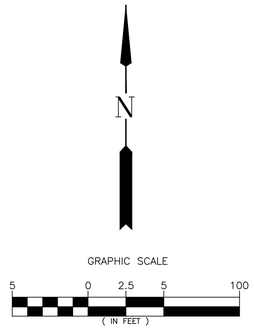
5TH ST. & MAIN ST. NORTHWEST AND NORTHEAST ADA RAMPS

SCALE: 1" = 5'



5TH ST. & MAIN ST. SOUTHWEST AND SOUTHEAST ADA RAMPS

SCALE: 1" = 5'



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REVISIONS:

No.	DESCRIPTION	DATE

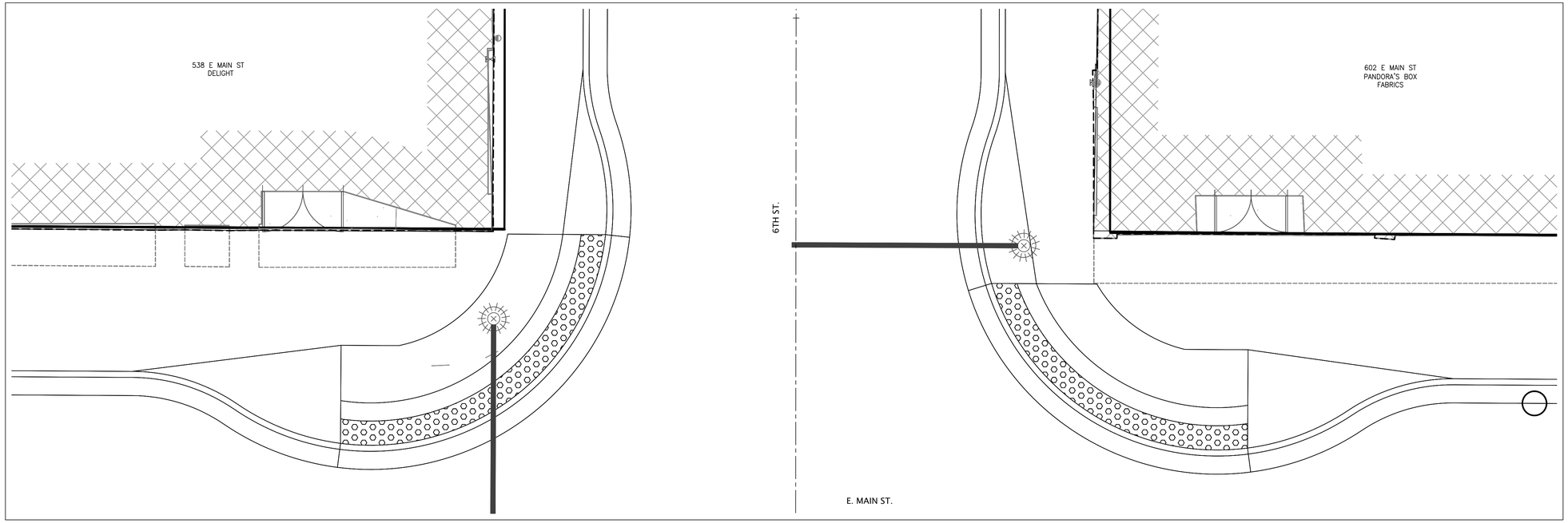
E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

ADA RAMP DETAILS
MAIN ST. & 5TH ST.

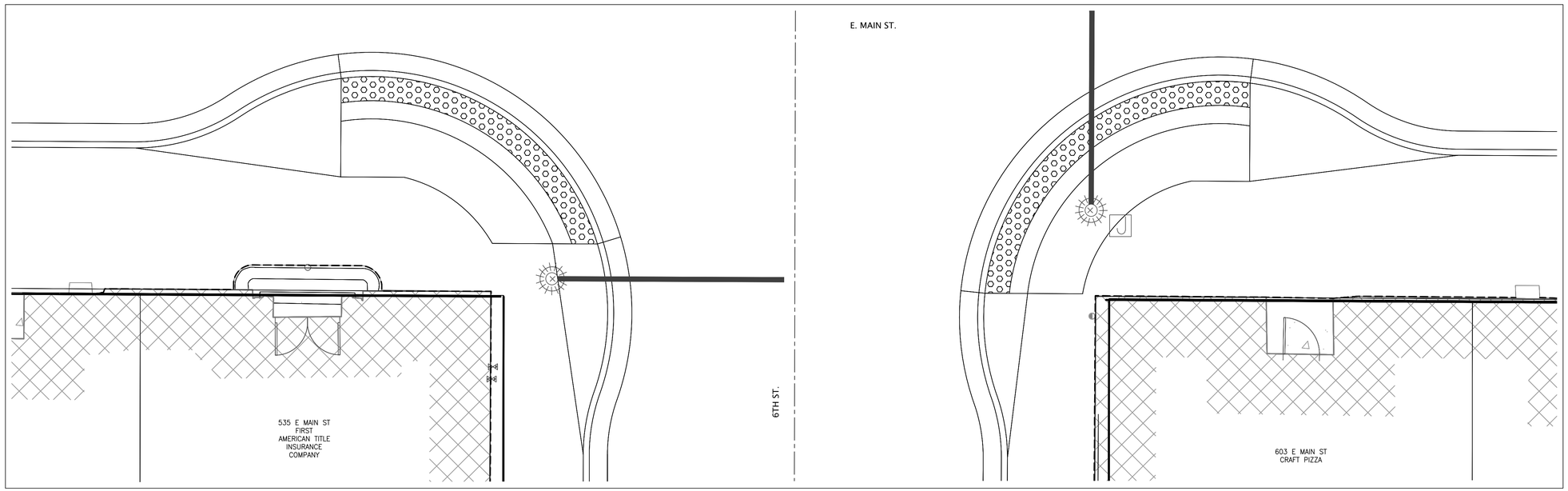
Sheet No. C4.2

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H



6TH ST. & MAIN ST. NORTHWEST AND NORTHEAST ADA RAMPS

SCALE: 1" = 5'



6TH ST. & MAIN ST. SOUTHWEST AND SOUTHEAST ADA RAMPS

SCALE: 1" = 5'

GRAPHIC SCALE

5 0 2.5 5 100

(IN FEET)

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REVISIONS:

No.	DESCRIPTION	DATE

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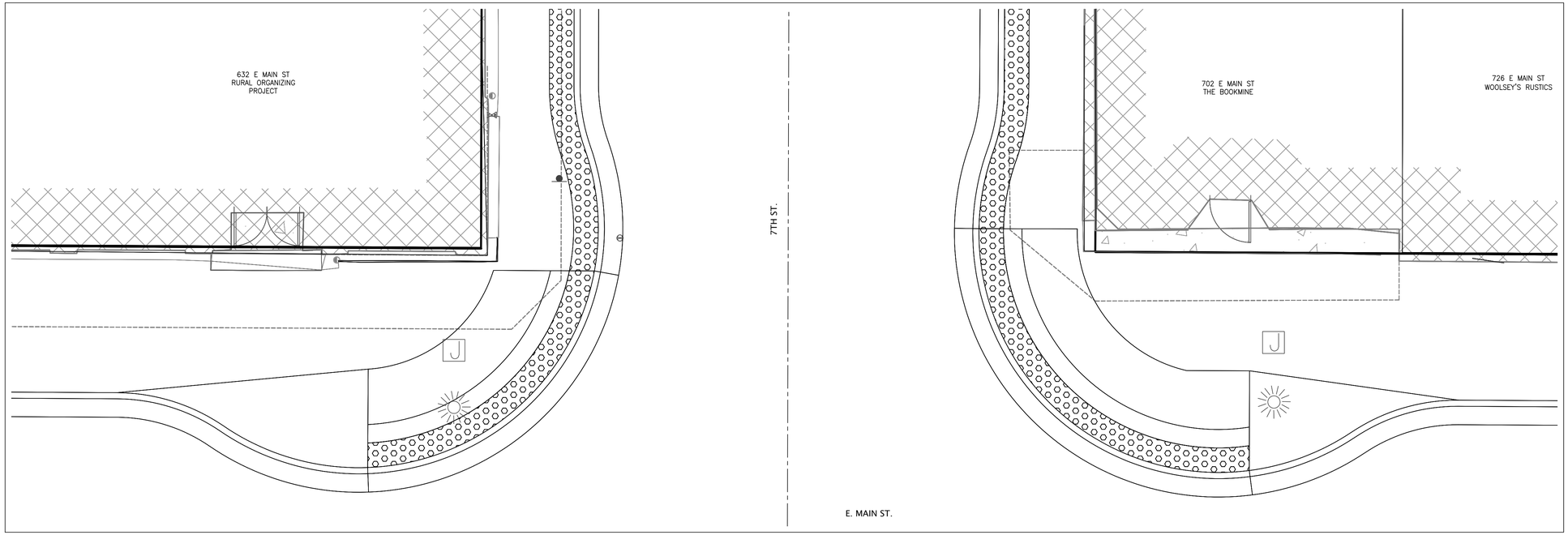
PUBLIC IMPROVEMENTS

ADA RAMP DETAILS
MAIN ST. & 6TH ST.

Sheet No. C4.3

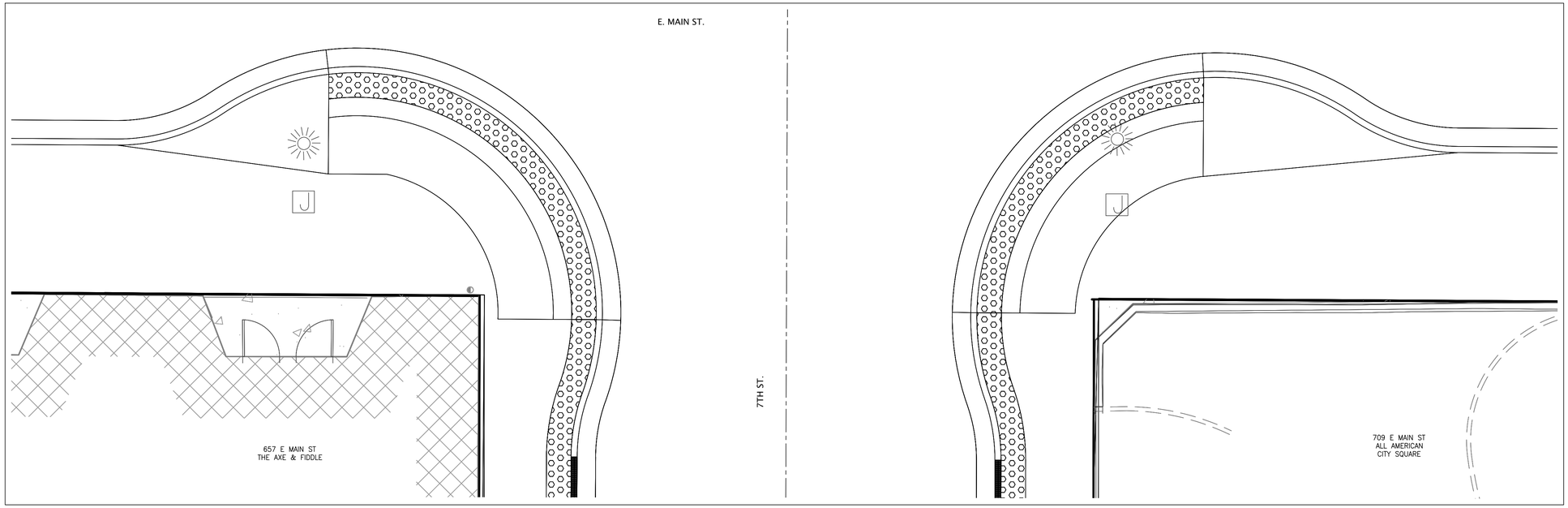
DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H

Z:\2022\22-001H Cottage Grove Main St\Drawings\PEP\Production Drawings\22-001H_Pub_C3-C4_STREET, STM & GRADING.dwg 3/8/2024 1:48 PM LOGATHL



7TH ST. & MAIN ST. NORTHWEST AND NORTHEAST ADA RAMPS

SCALE: 1" = 5'



7TH ST. & MAIN ST. SOUTHWEST AND SOUTHEAST ADA RAMPS

SCALE: 1" = 5'

N

GRAPHIC SCALE

5 0 2.5 5 10

(IN FEET)

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400 Main Street Cottage Grove, OR 97424

REVISIONS:

No.	DESCRIPTION	DATE

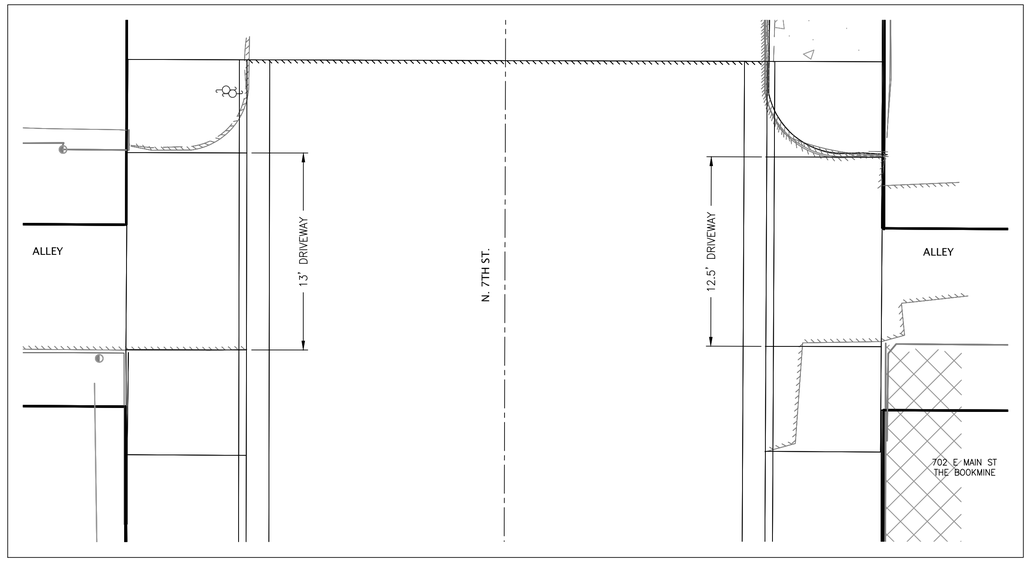
E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

ADA RAMP DETAILS
MAIN ST. & 7TH ST.

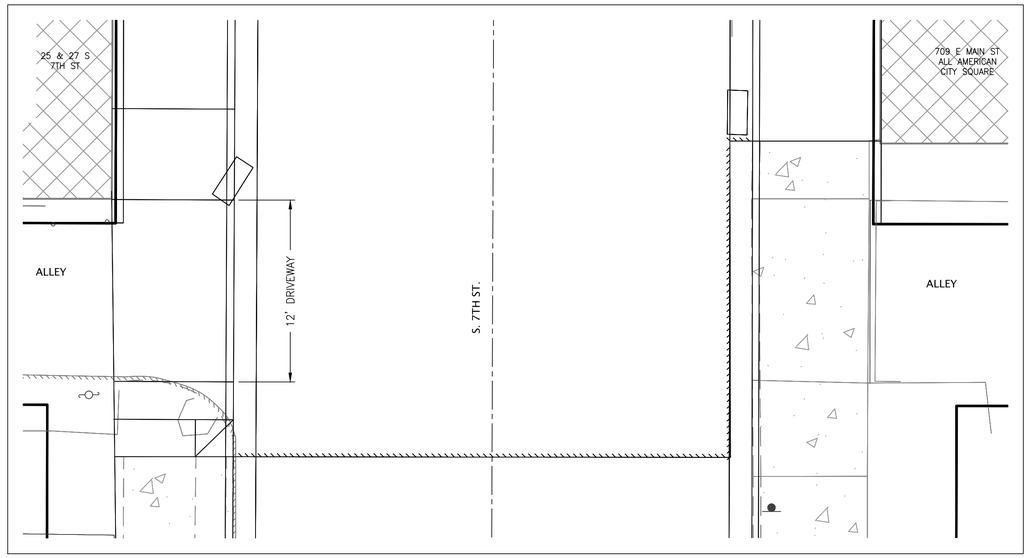
Sheet No. C4.4

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H



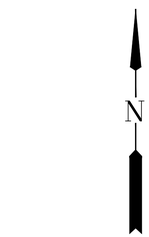
DRIVEWAYS 8 & 9 ON NORTH 7TH ST.

SCALE: 1" = 5'



DRIVEWAY 10 ON SOUTH 7TH ST.

SCALE: 1" = 5'



GRAPHIC SCALE

5 0 2.5 5 10

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

REVISIONS:

No.	DESCRIPTION	DATE

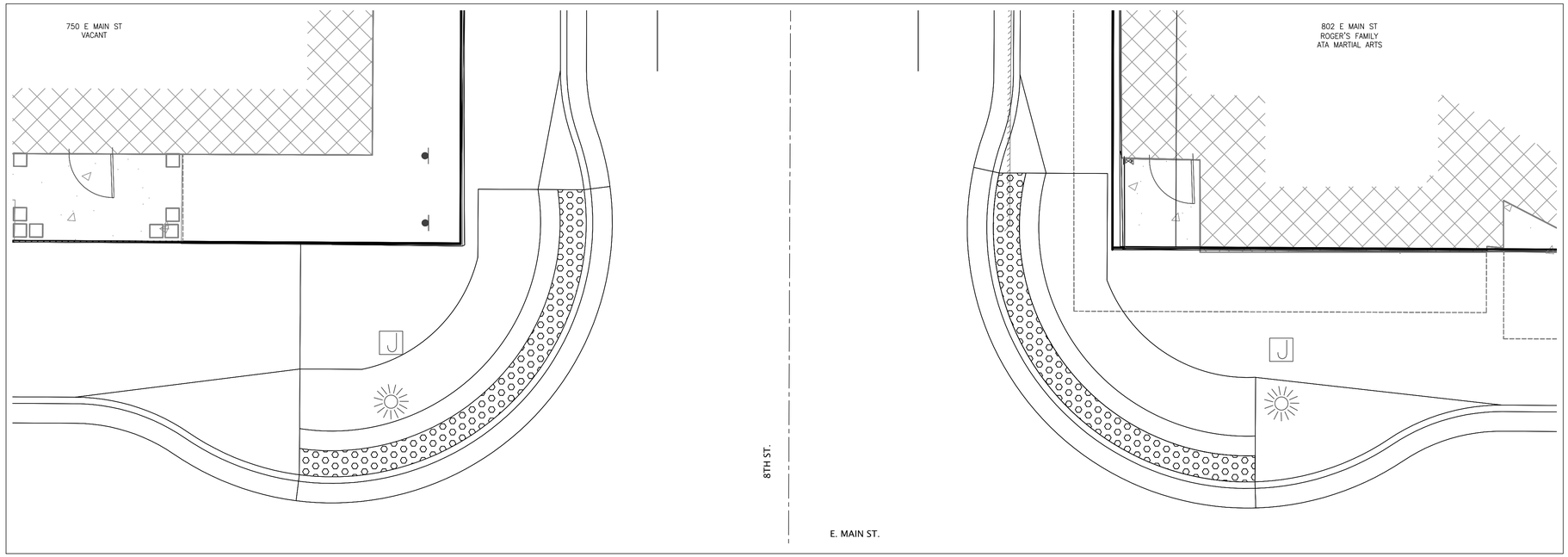
E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

DRIVEWAY DETAILS
7TH STREET

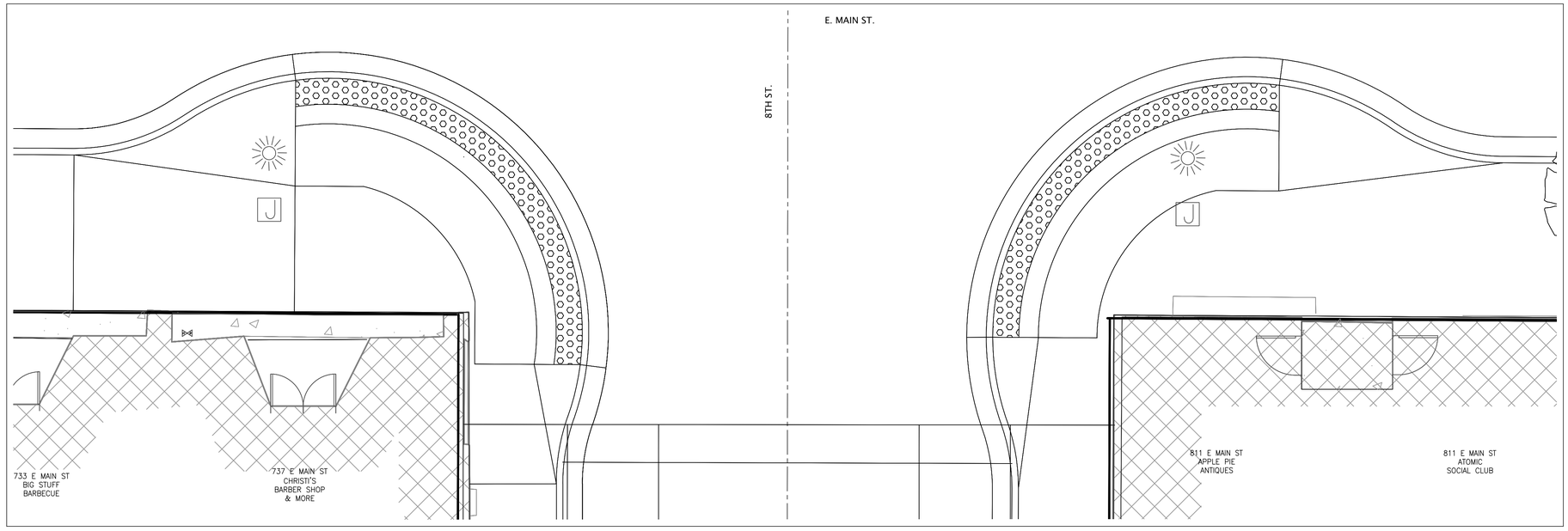
Sheet No. C4.5

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H



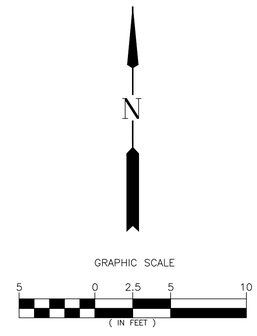
8TH ST. & MAIN ST. NORTHWEST AND NORTHEAST ADA RAMPS

SCALE: 1" = 5'



8TH ST. & MAIN ST. SOUTHWEST AND SOUTEAST ADA RAMPS

SCALE: 1" = 5'



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400 Main Street Cottage Grove, OR 97424

REVISIONS:

No.	DESCRIPTION	DATE

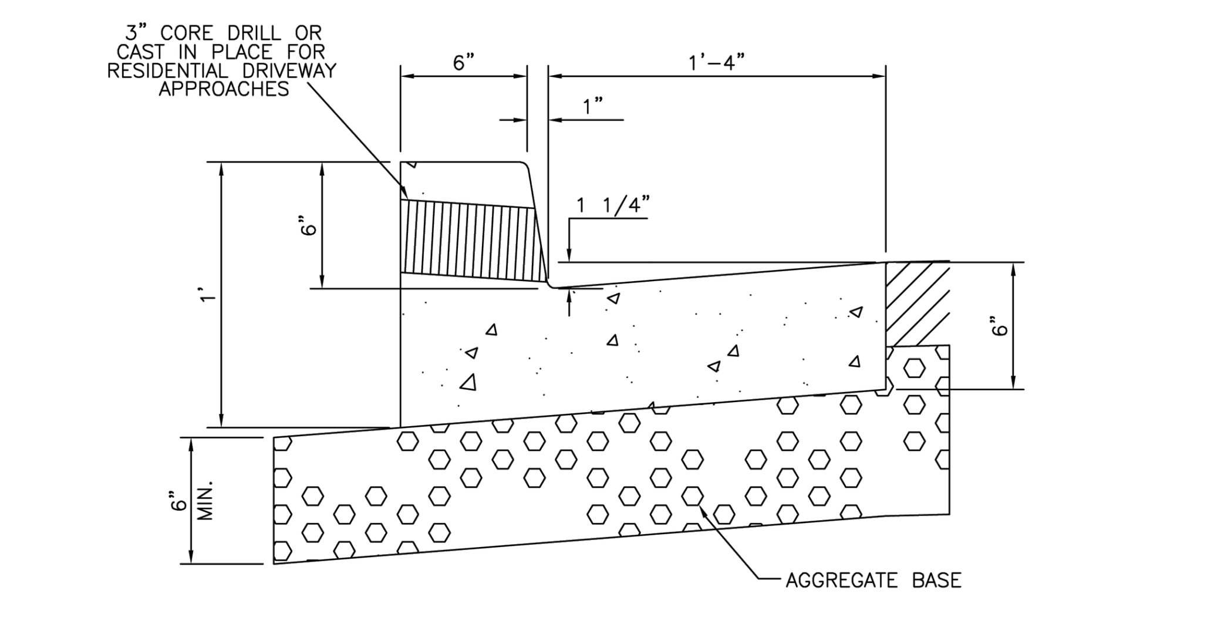
E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

ADA RAMP DETAILS
MAIN ST. & 8TH ST.

Sheet No. C4.6

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H

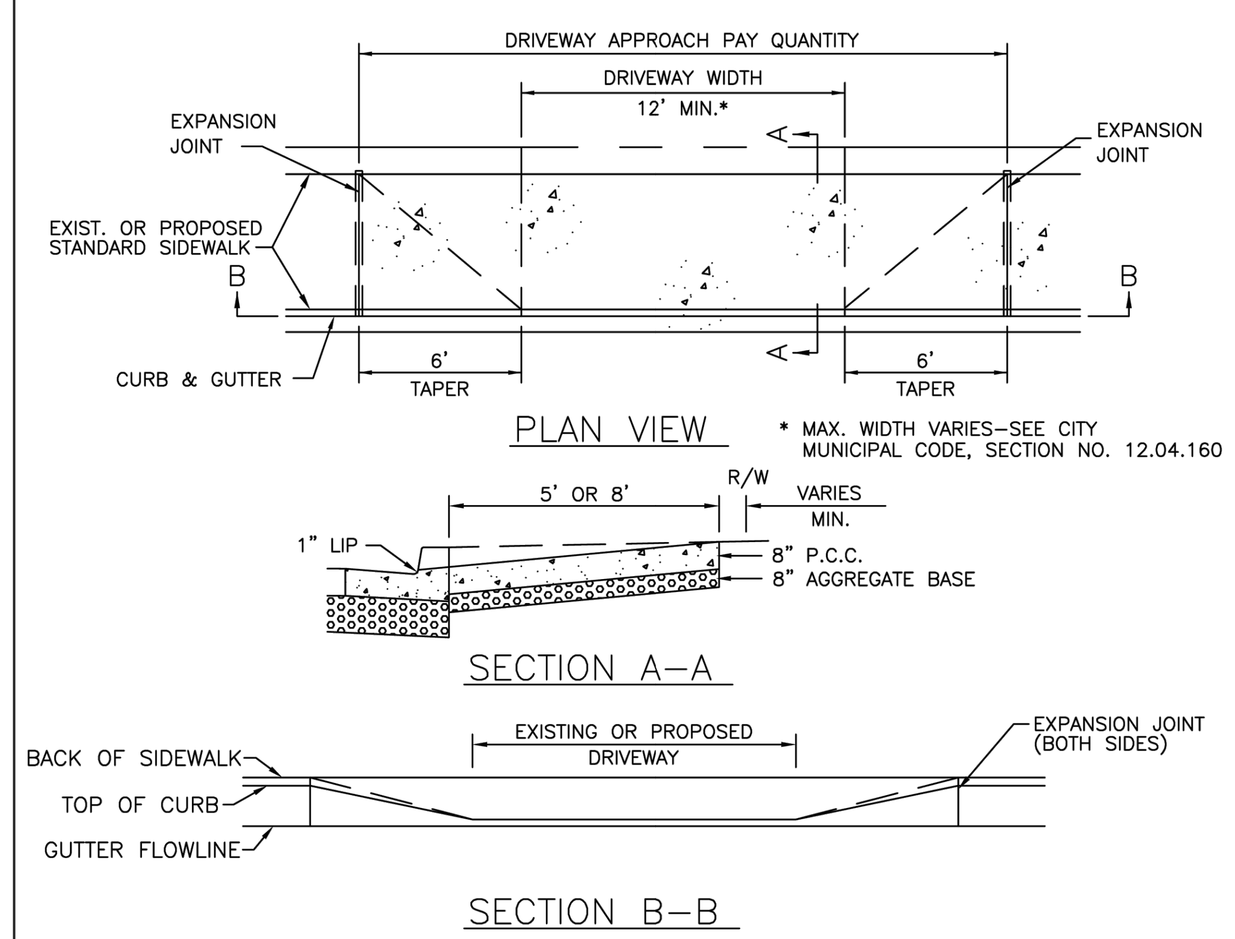


CROSS SECTION
NO SCALE

NOTES:

1. CONCRETE SHALL BE CLASS 3300–3/4 (6.3 SACK MIX) CONFORMING TO SECTION 00759 OF THE CURRENT EDITION OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION AND SHALL HAVE A LIGHT BROOM FINISH.
2. AGGREGATE BASE SHALL BE CRUSHED ROCK CONFORMING TO SECTION 00641 OF THE CURRENT EDITION OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
3. WEAKENED PLANE JOINTS (CUT JOINTS) SHALL BE CONSTRUCTED AT 15' INTERVALS AND ADJACENT TO JOINTS IN OTHER IMPROVEMENTS. THEY SHALL EXTEND THROUGH 75% OF THE CURB AND GUTTER CROSS SECTION AND SHALL HAVE 1/4" RADII.
4. DRAIN LINES ON RESIDENTIAL DRIVEWAYS SHALL BE EITHER CAST IN PLACE OR CORE DRILLED TO ALLOW FOR A 3" SLEEVE.
5. DRAIN LINE SLEEVES PLACED THROUGH EXISTING CURBS AT LOCATIONS OTHER THAN AT NEW DRIVEWAY APPROACHES SHALL BE CORE DRILLED ONLY. CURB REMOVAL FOR THE PURPOSE OF PLACING A DRAIN LINE SLEEVE WILL NOT BE PERMITTED UNLESS THE CURB SECTION IS REPLACED MONOLITHICALLY ALONG WITH A SECTION OF SIDEWALK.
6. ANY DAMAGED CURB AND GUTTER OR SIDEWALK SHALL BE REPLACED FROM JOINT TO JOINT OR AS APPROVED BY THE CITY ENGINEER.

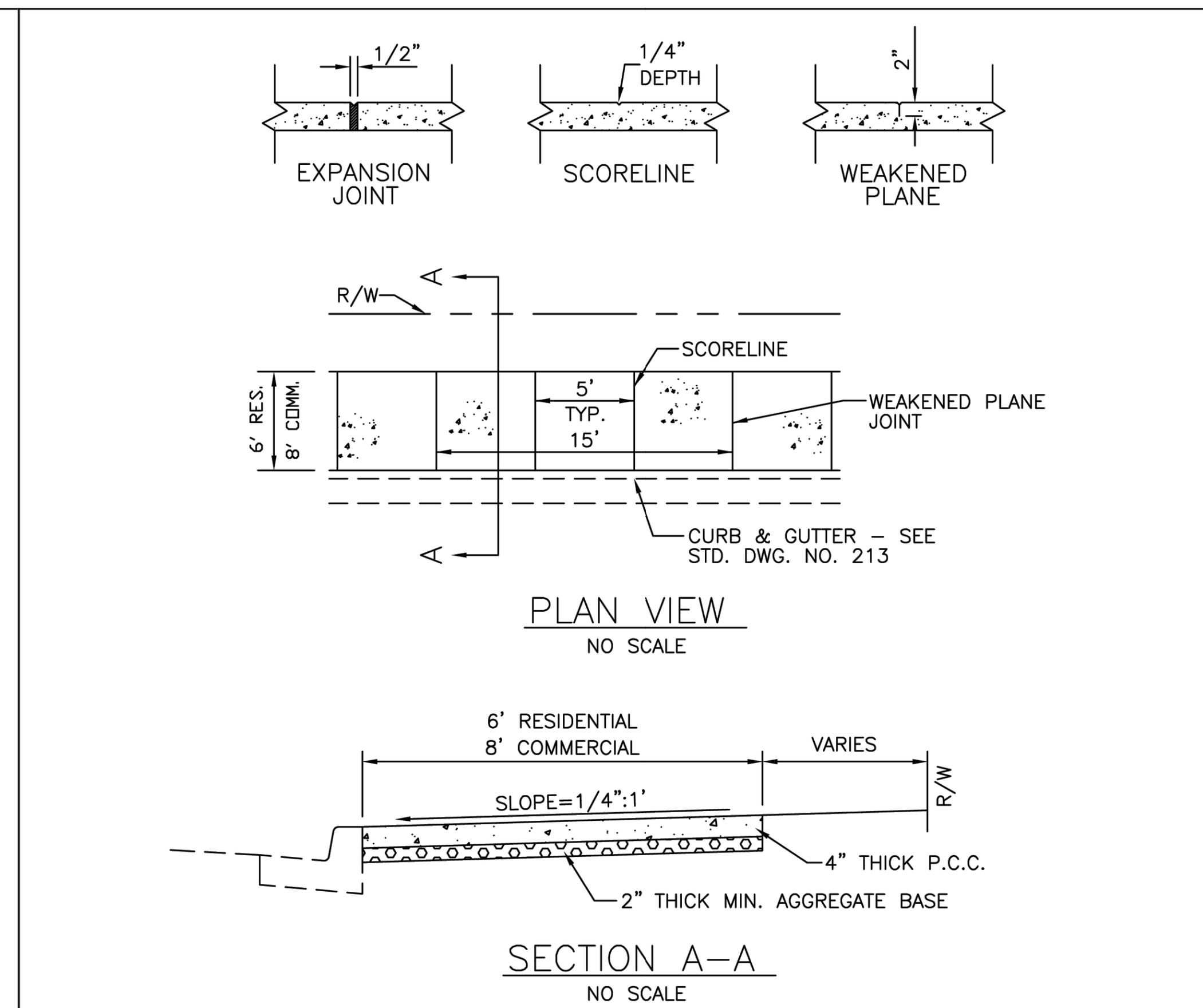
REVISIONS			DESIGN: ENG. DEPT.	
NO.	DATE	BY	DRAWN: CDN	CITY OF COTTAGE GROVE
1	10/23/03	SEH	CHECKED:	CURB AND GUTTER
2	3/17/10	SEH	APPROVED BY:	NO. 213
3	3/01/22	RKB	CITY ENGINEER	ADOPTED
			DATE:	DATE: SHEET 1 OF 1



NOTES:

1. CONCRETE SHALL BE CLASS 3300–3/4 (5–1/2 SACK MIX) CONFORMING TO SECTION 00759 OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2002 EDITION, AND SHALL HAVE A SMOOTH BROOM FINISH, UNIFORM IN APPEARANCE AND FREE OF IRREGULARITIES.
2. AGGREGATE BASE SHALL BE CRUSHED ROCK CONFORMING TO SECTION 00641 OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2002 EDITION, AND SHALL HAVE A MINIMUM OF 8" COMPACTED THICKNESS WITH 95% MAXIMUM DENSITY.
3. A 6x6x10GA. STEEL MESH REINFORCING SHALL INSTALLED AND PLACED 2" FROM THE BOTTOM OF THE SLAB AND HAVE JOINTS THAT OVERLAP 12".
4. EXPANSION JOINT MATERIAL SHALL BE PREMOLDED BITUMINOUS STRIPS CONFORMING TO AASHTO 153 AND SHALL BE PLACED FULL DEPTH.

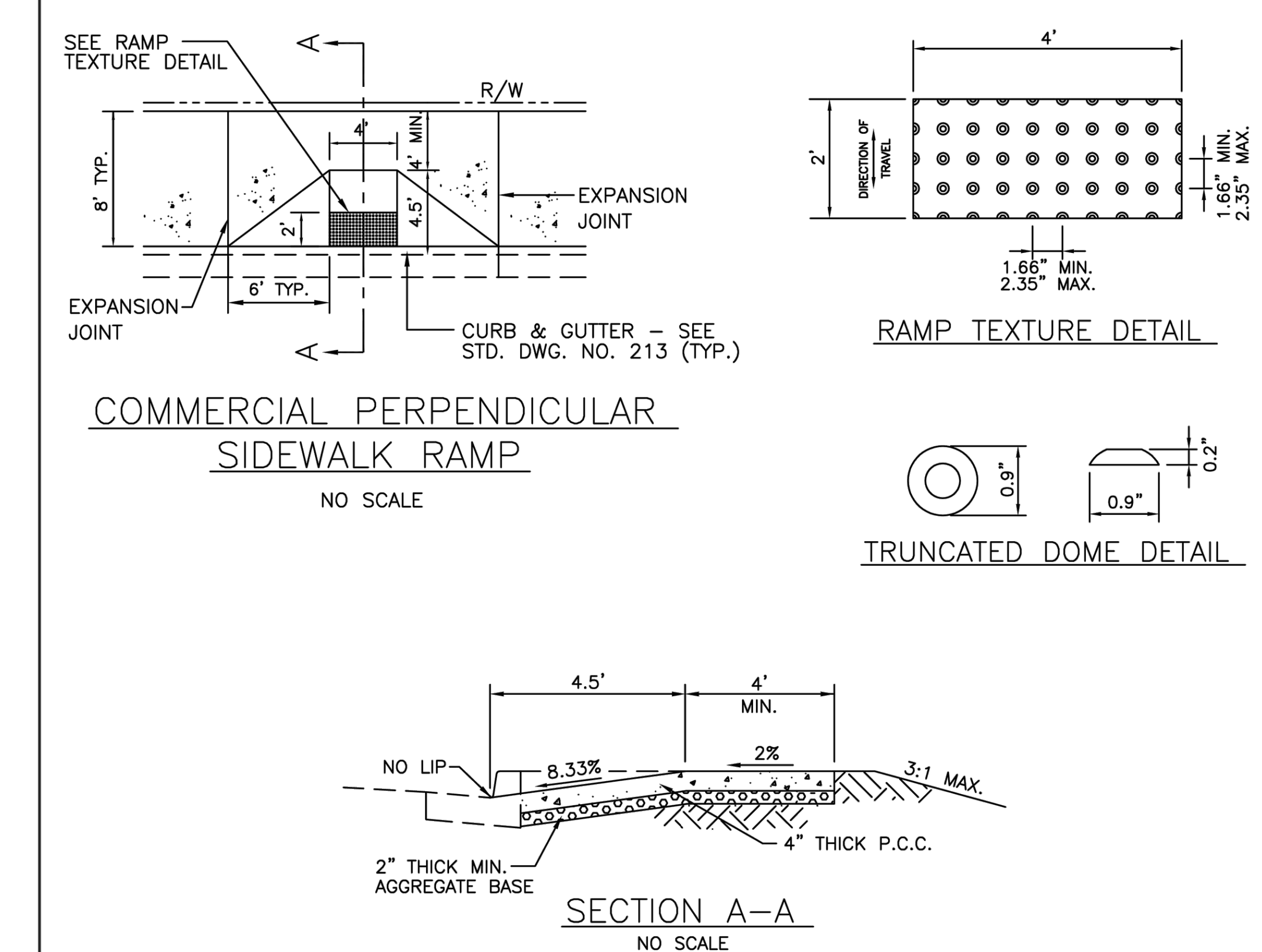
REVISIONS			DESIGN: ENG. DEPT.	
NO.	DATE	BY	DRAWN: CDN	CITY OF COTTAGE GROVE
1	10/23/03	SEH	CHECKED:	COMMERCIAL DRIVEWAY APPROACH — STANDARD SIDEWALK
			APPROVED BY:	NO. 214B
			CITY ENGINEER	ADOPTED
			DATE:	DATE: SHEET OF



NOTES:

1. CONCRETE SHALL BE CLASS 3300–3/4 (5–1/2 SACK MIX) CONFORMING TO SECTION 00759 OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2008 EDITION, AND SHALL HAVE A SMOOTH BROOM FINISH, UNIFORM IN APPEARANCE AND FREE OF IRREGULARITIES.
2. AGGREGATE BASE SHALL BE CRUSHED ROCK CONFORMING TO SECTION 00641 OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2008 EDITION.
3. EXPANSION JOINT MATERIAL SHALL BE PREMOLDED BITUMINOUS STRIPS CONFORMING TO AASHTO 153, AND SHALL BE PLACED FULL DEPTH AT CURB RETURNS, DRIVEWAYS, OTHER RIGID STRUCTURES (POWER POLES, FIRE HYDRANTS, INLETS, ETC.) AND AT 45' INTERVALS.
4. WEAKENED PLANE JOINTS (CUT JOINTS) SHALL MATCH CURB JOINTS AND PLACED AT 15' INTERVALS.
5. SCORELINES SHALL BE PLACED AT 5' INTERVALS.
6. FOR HANDICAP RAMPS AND SIDEWALK AT CURB RETURNS SEE STANDARD DRAWING NO. 215B.

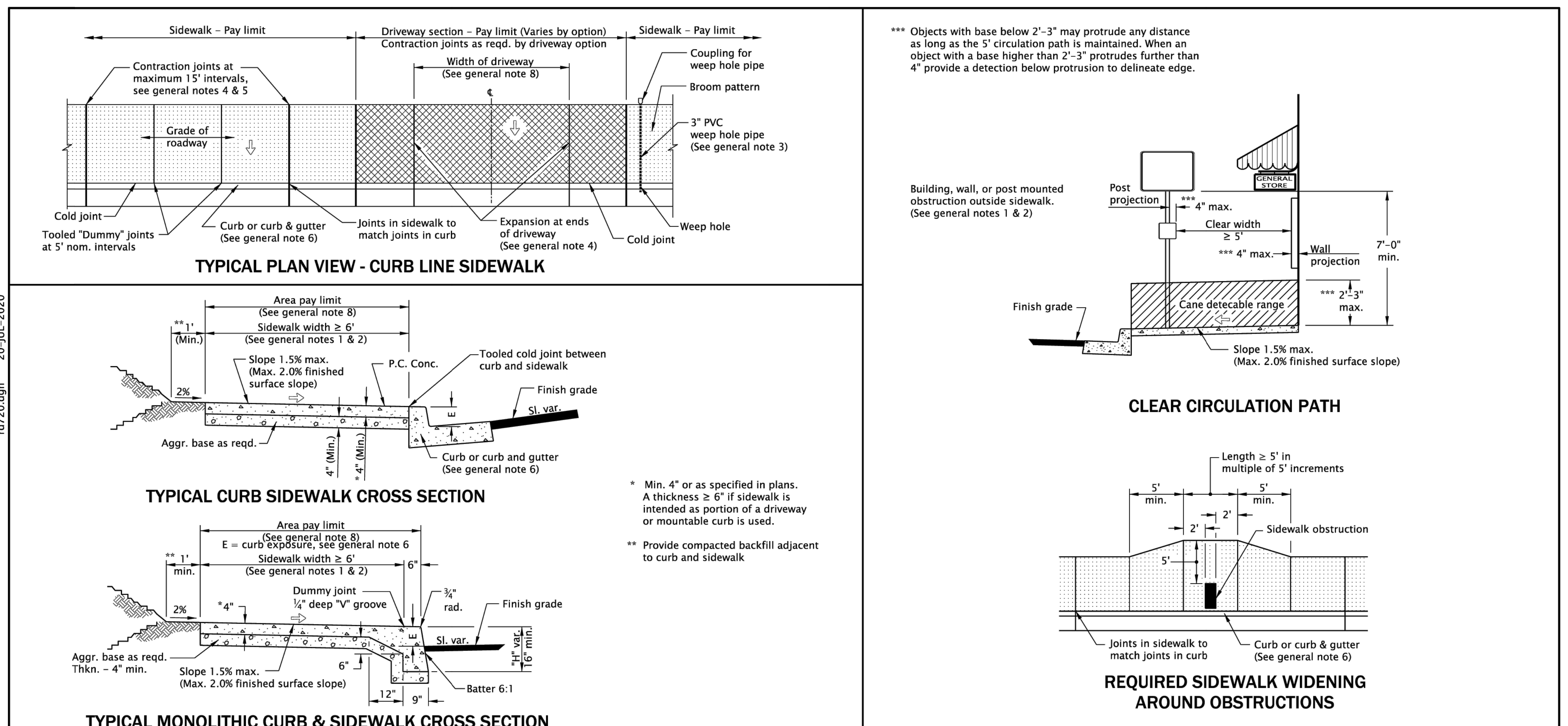
REVISIONS			DESIGN: ENG. DEPT.	
NO.	DATE	BY	DRAWN: CDN	CITY OF COTTAGE GROVE
1	10/23/03	SEH	CHECKED:	STANDARD RESIDENTIAL AND COMMERCIAL SIDEWALK
2	6/26/10	SEH	APPROVED BY:	NO. 216
			CITY ENGINEER	ADOPTED
			DATE:	DATE: SHEET OF



NOTES:

1. CONCRETE SHALL BE CLASS 3300–3/4 (5–1/2 SACK MIX) CONFORMING TO SECTION 00759 OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2002 EDITION, AND SHALL HAVE A SMOOTH BROOM FINISH, UNIFORM IN APPEARANCE AND FREE OF IRREGULARITIES.
2. AGGREGATE BASE SHALL BE CRUSHED ROCK CONFORMING TO SECTION 00641 OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2002 EDITION.
3. EXPANSION JOINT MATERIAL SHALL BE PREMOLDED BITUMINOUS STRIPS CONFORMING TO AASHTO 153, AND SHALL BE PLACED FULL DEPTH AT CURB RETURNS.
4. TRUNCATED DOME WARNING TEXTURE SHALL BE IN ACCORDANCE WITH OREGON STANDARD DRAWING NO. RD760 AND SHALL BE MASCO "CASTinTACT" WARNING PANEL OR APPROVED EQUAL. THE TEXTURE SHALL BE PLACED IN THE LOWER 2' OF THE THROAT OF THE RAMP, AND SHALL BE SAFETY YELLOW IN COLOR.
5. FOR SIDEWALK SECTION AND DETAIL AND JOINT DETAILS SEE STANDARD DRAWING NO. 215.

REVISIONS			DESIGN: ENG. DEPT.	
NO.	DATE	BY	DRAWN: SEH	CITY OF COTTAGE GROVE
			CHECKED: RKB	PERPENDICULAR SIDEWALK RAMP DETAIL — STANDARD COMMERCIAL SIDEWALK
			APPROVED BY:	NO. 220
			CITY ENGINEER	ADOPTED
			DATE:	DATE: SHEET OF



GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Include additional paved or unpaved 2' shy distance to vertical faces higher than 5' such as retaining walls, sound walls, fences and buildings.
2. Curb type and sidewalk width as shown on plans or as directed. On sidewalks 8' and wider, provide a longitudinal joint at the midpoint.
3. Install 3" pvc weep hole pipes in sidewalks where shown on plans, and allowed by jurisdiction. Place contraction joint over top of pipe. See Std. Dwg. RD700 for weep hole details.
4. Provide expansion joints around poles, posts, boxes, at ends of each driveway, and other fixtures which protrude through or against the structures. For sidewalk, monolithic curb & sidewalk, const. expansion joints at 45' maximum spacing. See Std. Dwg. RD722 for expansion joints details.
5. Const. contraction joints at 15' maximum spacing, and at ends of each curb ramp. See Std. Dwg. RD722 for contraction joints details.
6. For curb details, see Std. Dwgs. RD700 & RD701. ODOT standard E=7".
7. Sidewalk details are based on applicable ODOT standards.
8. Fully lowered sidewalk shown; see project plans for the diveway design specified. For driveway details not shown, see Std. Dwgs. RD725, RD730, RD735, RD740, RD745 & RD750.
9. See project plans for details not shown.

LEGEND

- Sidewalk pay limit.
- Driveway pay limit, varies by option, (See general note 8).
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)

CALC. BOOK NO. N/A — SDR DATE 21-JUN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

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 consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

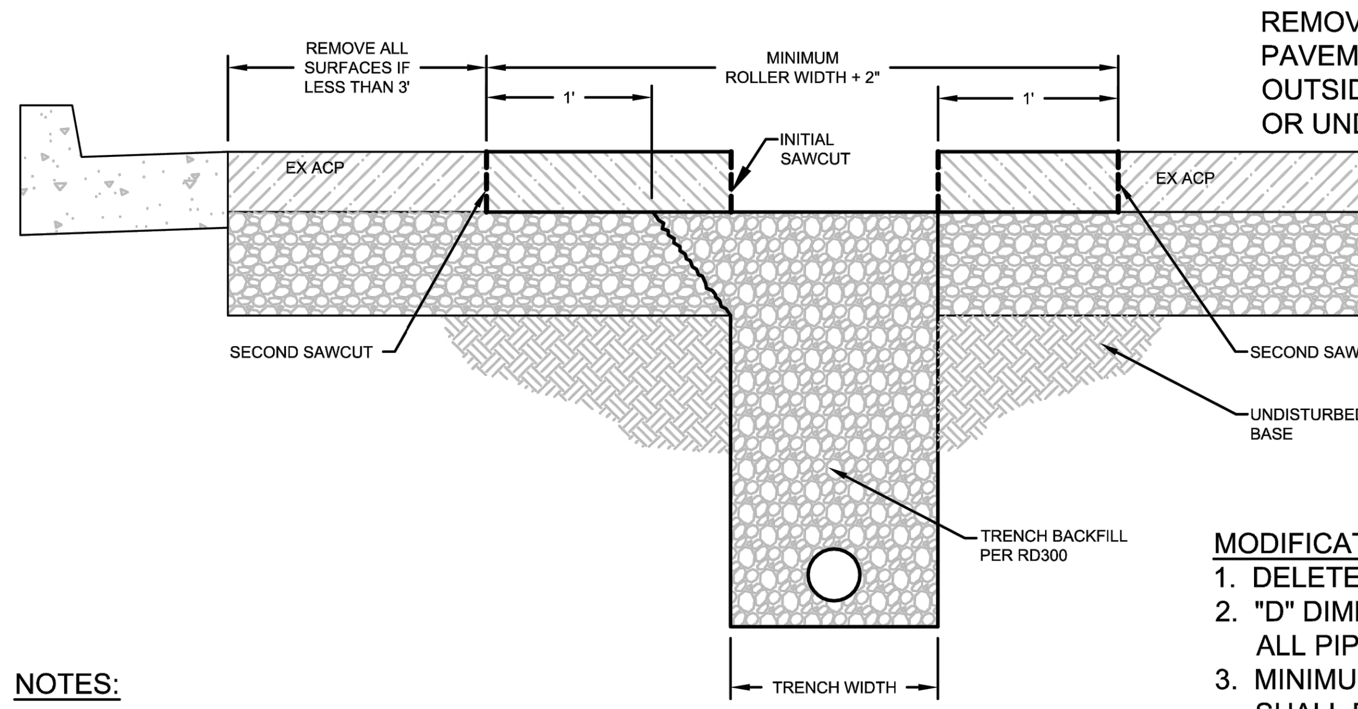
CURB LINE SIDEWALKS

2021

DATE	REVISION DESCRIPTION

Effective Date: December 1, 2022 - May 31, 2023 — RD720

rd720.dgn 20-JUL-2020



AFTER TRENCH IS BACKFILLED, RESAW AND REMOVE ADDITIONAL PAVEMENT A MINIMUM 12" OUTSIDE OF INITIAL SAWCUT OR UNDERMINING.

MODIFICATIONS TO ODOT RD300

1. DELETE CLASS "C" BACKFILL.
2. "D" DIMENSION SHALL BE 12" IN ALL PIPE SIZES.
3. MINIMUM DEPTH OF TOP SOIL SHALL BE 8".
4. CLASS "B" BACKFILL MAY BE 1-1/2"-0.
5. DELETE GENERAL NOTE 1. ACP STREET CUTS SHALL COMPLY WITH DETAIL THIS SHEET. PCC STREET CUTS SHALL COMPLY WITH DET1601.

NOTES:

1. CUT THE EXISTING PAVEMENT WITH A ROTARY SAW.
2. THE INITIAL SAWCUT WIDTH SHALL NOT BE MORE THAN 6 INCHES WIDER THAN SHOWN IN TABLE A.
3. ACP SHALL BE LEVEL 1 OR 2, 1/2" DENSE FOR LOCAL STREETS, LEVEL 2, 1/2 " DENSE FOR COLLECTORS, AND LEVEL 3, 1/2 " DENSE FOR ARTERIALS.
4. PLACE ACP A MINIMUM OF 6" OR MATCH EXISTING PAVEMENT THICKNESS, WHICHEVER IS GREATER.
5. IF THE EXISTING PAVEMENT IS A COMPOSITE OF PCC AND ACP, MATCH EXISTING COMPOSITE STRUCTURE.
6. FOG SEAL THE ENTIRE TRENCH PATCH ACCORDING TO 00749, UNLESS THE PATCH WAS PLACED WITH A PAVING MACHINE.
7. RESTORE ALL PAVEMENT MARKINGS.

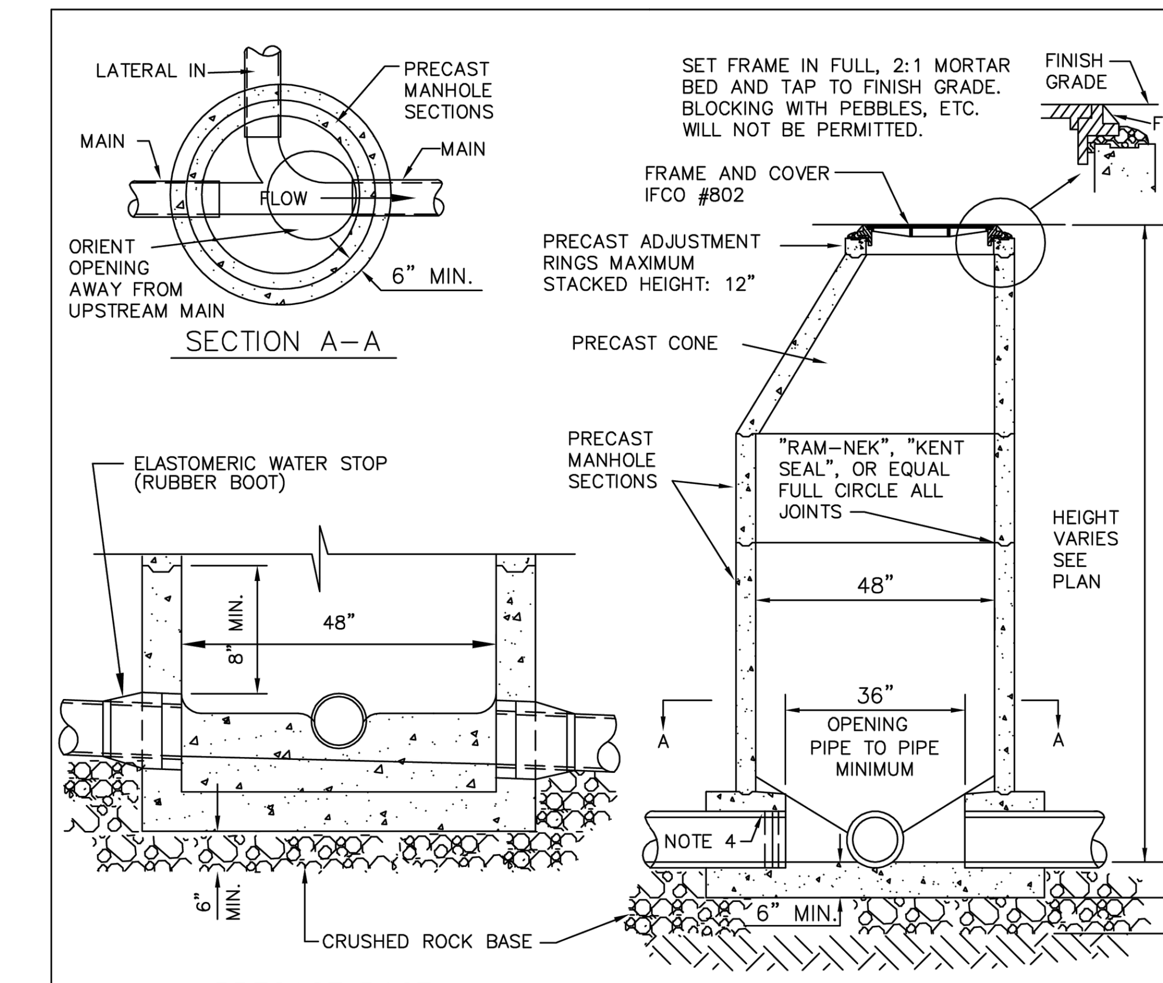
PAVING JOINTS:

ALL LONGITUDINAL PAVING JOINTS SHALL BE LOCATED AS FOLLOWS:

- WITHIN 6" OF MARKINGS (BUT NOT UNDER)
- IN THE CENTER OF THE TRAVEL LANE
- AT THE GUTTER LIP

REVISIONS			DESIGN: ENG. DEPT.
NO.	DATE	BY	DRAWN:
1	1/2/18	RWS	CHECKED:
			APPROVED BY:

CITY OF COTTAGE GROVE — TRENCH BACKFILL, BEDDING, PIPE ZONE, AND MULTIPLE INSTALLATIONS — RD300(A) — ADOPTED



NOTES:

1. CONCRETE FOR MANHOLE BASE SHALL BE CLASS 3000–3/4 CONFORMING TO SECTION 00759 OF THE MOST RECENT OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION. FLOWLINES SHALL BE SMOOTH AND TRUE TO GRADE.
2. PRECAST MANHOLE SECTIONS, CONES, AND RINGS SHALL CONFORM TO ASTM C–478M.
3. PVC, CAST IRON, OR OTHER SMOOTH PIPES ENTERING A SANITARY SEWER CAST–IN–PLACE MANHOLE BASE SHALL BE EQUIPPED WITH AN ELASTOMERIC WATER STOP INTENDED FOR THE PURPOSE. THE USE OF O–RINGS OR PIPE GASKETS FOR WATER STOPS WILL NOT BE PERMITTED.
4. BACKFILL OF MANHOLES SHALL BE THE SAME AS SPECIFIED FOR ATTENDANT PIPELINES.
5. THE ENGINEER MAY REVIEW THE SUBGRADE AND DETERMINE THAT IT IS UNSUITABLE (MUDDY, UNSTABLE, PEAT, ETC.) FOR MANHOLE CONSTRUCTION, AND MAY REQUIRE OVEREXCAVATION AND THE PLACEMENT OF AGGREGATE BASE TO CORRECT THE CONDITION PER SPECIFICATIONS.

REVISIONS			DESIGN: ENG. DEPT.	
NO.	DATE	BY	DRAWN: CDN	CITY OF COTTAGE GROVE
1	10/29/03	SEH	CHECKED:	STANDARD SANITARY OR STORM DRAIN MANHOLE
1	06/28/18	RWS	APPROVED BY:	NO. 303
			CITY ENGINEER	ADOPTED
			DATE:	DATE: SHEET OF

PRELIMINARY
NOT FOR CONSTRUCTION
50% DESIGN DRAWINGS

Branch Engineering Inc. Since 1977
civil • transportation
structural • geotechnical
SURVEYING
310 5th Street
Springfield, OR 97477
p: 541.746.0637
www.BranchEngineering.com

REGISTERED PROFESSIONAL ENGINEER — OREGON — JULY 15, 2004 — DAMIEN GILBERT — PRELIMINARY NOT FOR CONSTRUCTION — EXPIRES: JUNE 30, 2025

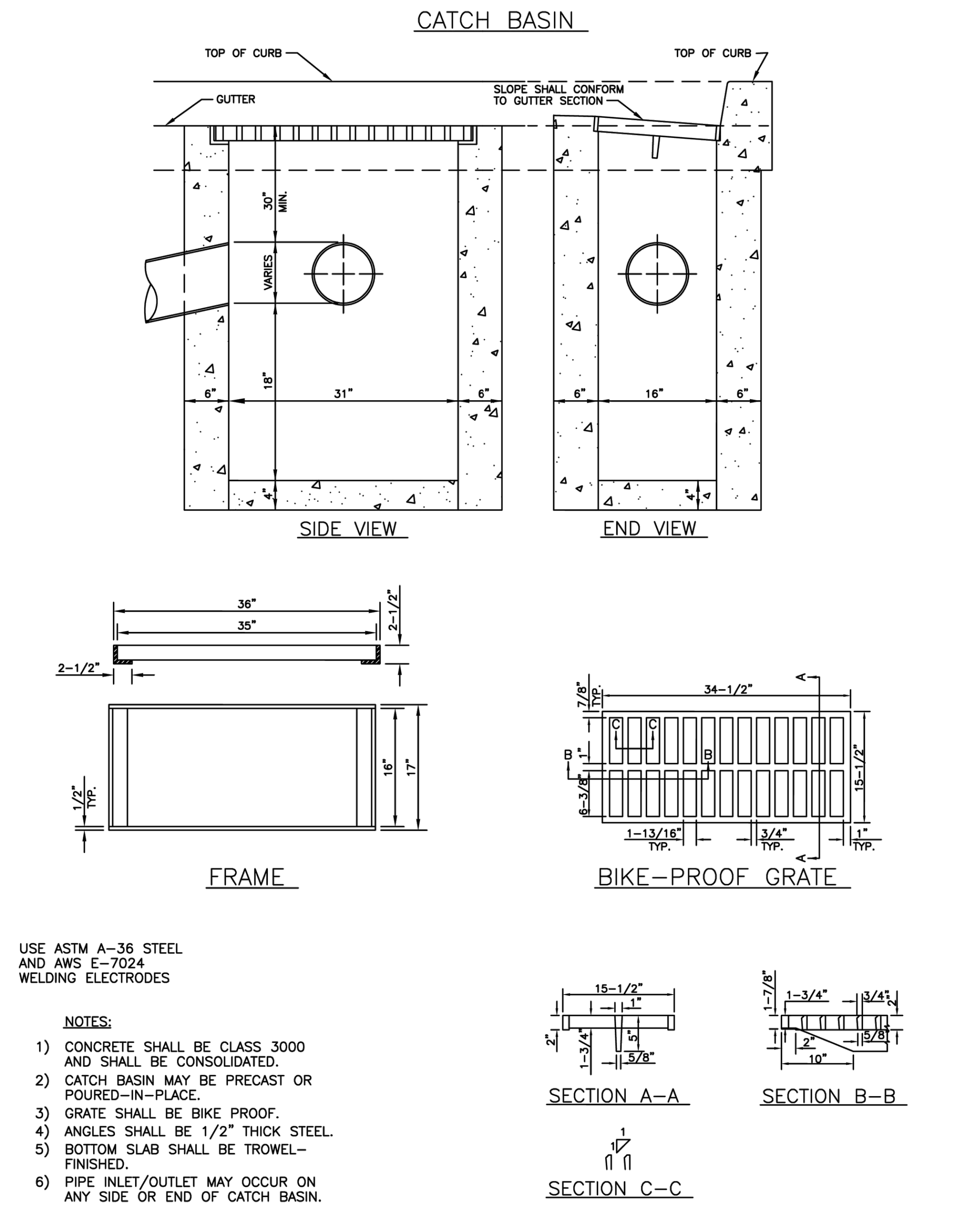
CITY OF COTTAGE GROVE ENGINEERING — 400 Main Street Cottage Grove, OR 97424

REVISIONS:		
No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

STREET AND STORMWATER DETAILS — Sheet No. C5.0

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H



USE ASTM A-36 STEEL AND AWS E-7024 WELDING ELECTRODES

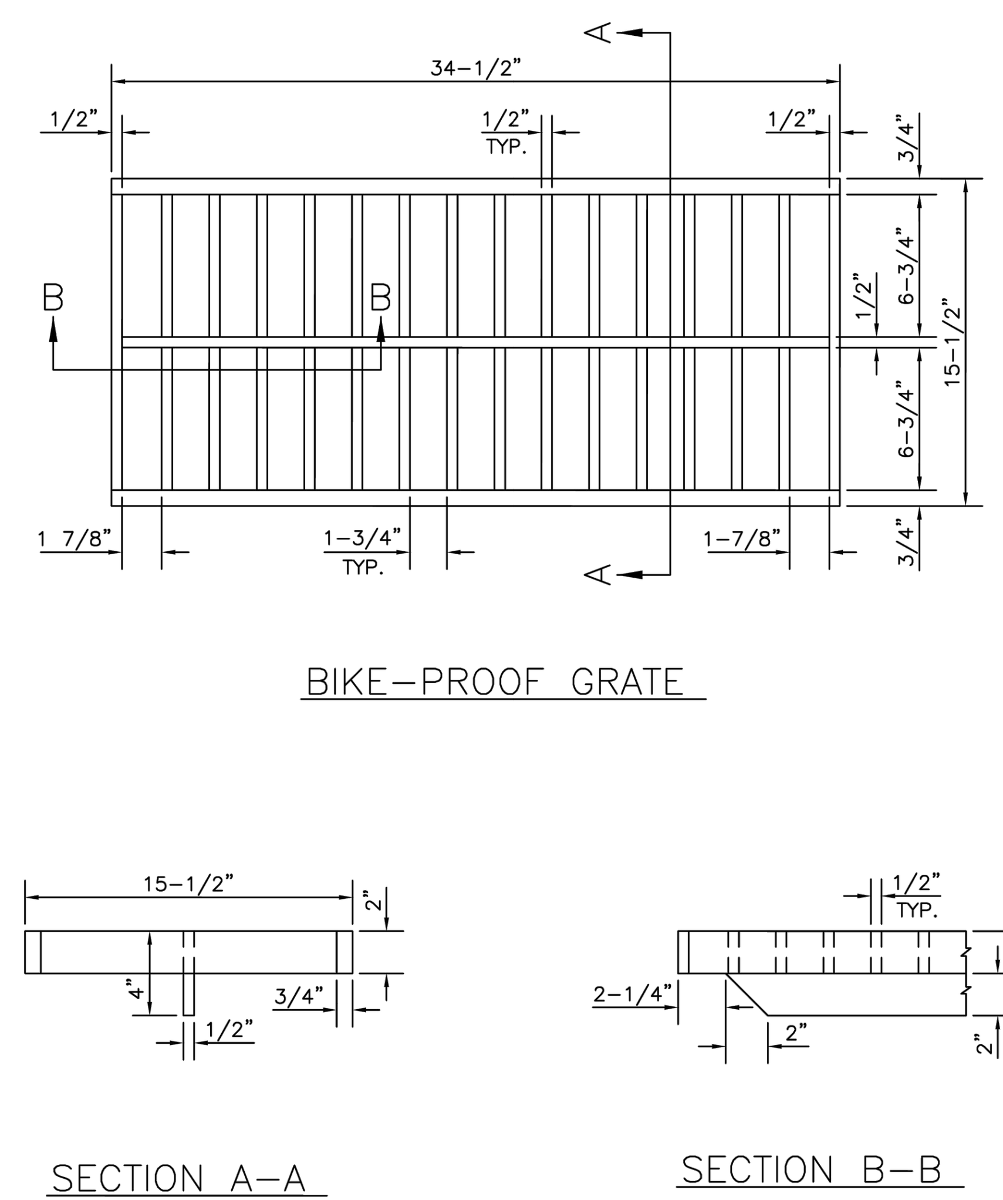
NOTES:
1) CONCRETE SHALL BE CLASS 3000 AND SHALL BE CONSOLIDATED.
2) CATCH BASIN MAY BE PRECAST OR POURED-IN-PLACE.
3) GRATE SHALL BE BIKE PROOF.
4) ANGLES SHALL BE 1/2" THICK STEEL.
5) BOTTOM SLAB SHALL BE TROWEL-FINISHED.
6) PIPE INLET/OUTLET MAY OCCUR ON ANY SIDE OR END OF CATCH BASIN.

REVISIONS			DESIGN: ENG. DEPT
NO.	DATE	BY	DRAWN: CDN
1	11/12/03	SEH	CHECKED:
			APPROVED BY:
			CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE

STANDARD CATCH BASIN, FRAME, & CAST IRON GRATE

NO. **307** ADOPTED DATE: SHEET OF



NOTES:

GRATE SHALL BE ASTM A-36 STEEL WELDING ELECTRODES SHALL BE AWS E-7024.

REVISIONS			DESIGN: ENG. DEPT
NO.	DATE	BY	DRAWN: CDN
1	11/12/03	SEH	CHECKED:
			APPROVED BY:
			CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE

CATCH BASIN GRATE (STEEL)

NO. **307A** ADOPTED DATE: SHEET OF

CITY OF COTTAGE GROVE WATER STANDARD MATERIALS LIST REVISED APRIL, 2013

DUCTILE IRON PIPE STANDARD: PACIFIC STATES DUCTILE IRON PIPE OR EQUAL AWWA C151/C150/C111/C104 - 4" THRU 16": MIN. CLASS 52, SPOOLS - MIN. CLASS 52

COPPER PIPE STANDARD: 3/4" OR 1": TYPE "K" SOFT COPPER 1-1/2" OR 2": TYPE "K" HARD DRAWN COPPER

FIRE HYDRANT STANDARDS: KENNEDY (GUARDIAN) 5-1/2" x 6" MECHANICAL JOINT, AWWA-C502-80 (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: FL12T FIBRELYTE, 12" X 20"; LID: CHRISTY B12S REINFORCED CONCRETE; DROP-IN READER LID: BROOKS NO. 36-S (1-S), 5½" X 9¼" X 1¼"

METER BOXES, 1-1/2" OR 2" SERVICES WITH METER SETTER: ARMORCAST A6001640PCX28 BOX (17" X 30" X 28" WITH A6001643DZ COVER AND A6000482 DROP-IN LID (9" X 14").

METER BOXES, 1-1/2" OR 2" SERVICES WITHOUT METER SETTER: ARMORCAST A6001640PCX12 BOX (17" X 30" X 12" WITH A6001643DZ COVER AND A6000482 DROP-IN LID (9" X 14").

METER SETTERS, 1-1/2" OR 2" SERVICES: FORD NO. VBH-87-12B-11-77

VALVE BOXES STANDARD: TYLER 7000 SERIES WITH TYLER 6855 LID AND SIGMA VB46 SERIES BOXES AND LIDS..

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 350 PSI PRESSURE RATING WHERE AVAILABLE OR 250 PSI PRESSURE RATING WHERE NOT AVAILABLE.

RETAINER GLANDS STANDARD: EBBA IRON MEGALUG (MJ PIPE), ROMAC GripRing, OR U.S. PIPE FIELD LOK GASKETS.

DISTRIBUTION PUMPS STANDARD: CORNELL.

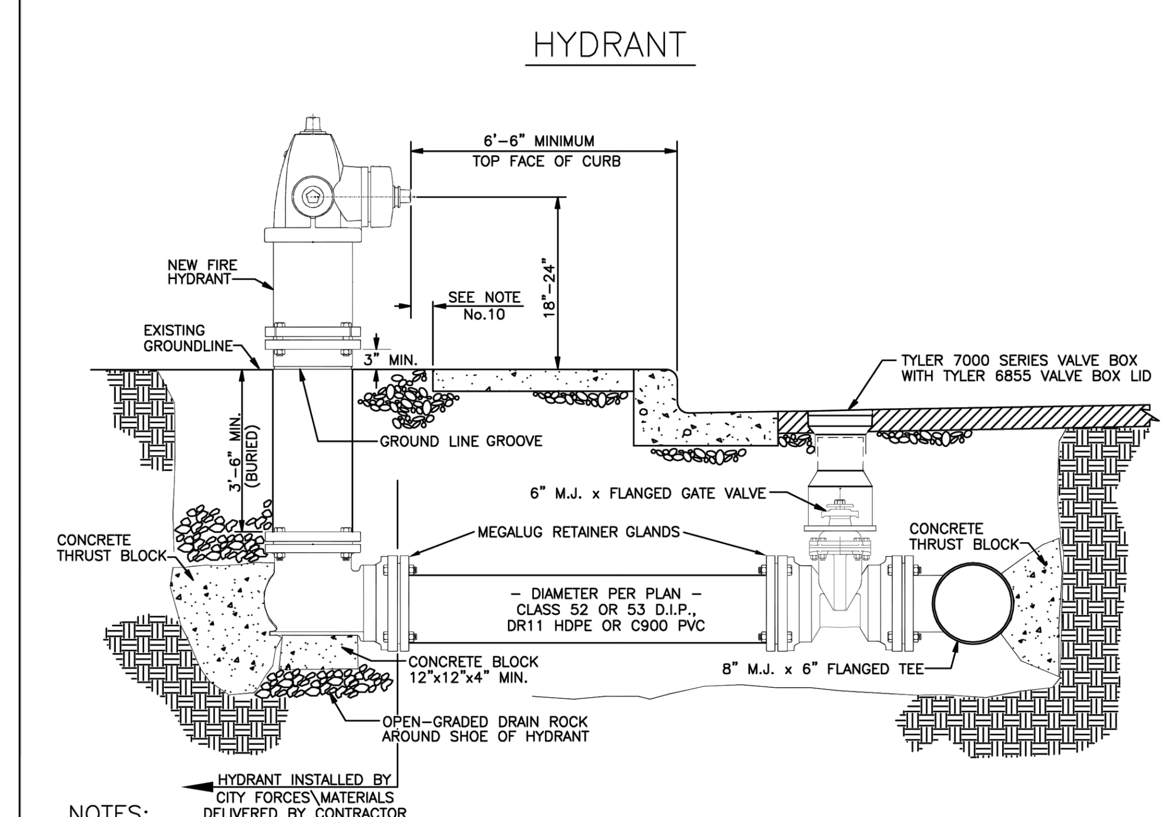
BUTTERFLY VALVE STANDARD 14" OR LARGER: PRATT APPROVED ALTERNATE: KENNEDY

REVISIONS			DESIGN: ENG. DEPT.
NO.	DATE	BY	DRAWN: CDN
1	9/1/00	CDN	CHECKED:
2	8/31/00	CDN	APPROVED BY:
3	1/15/01	CDN	
4	5/30/02	RKB	
5	9/1/03	SEH	CITY ENGINEER
7	4/17/13	SEH	DATE:

CITY OF COTTAGE GROVE

STANDARD MATERIALS LIST FOR WATER

NO. **400** ADOPTED DATE: SHEET OF



NOTES:

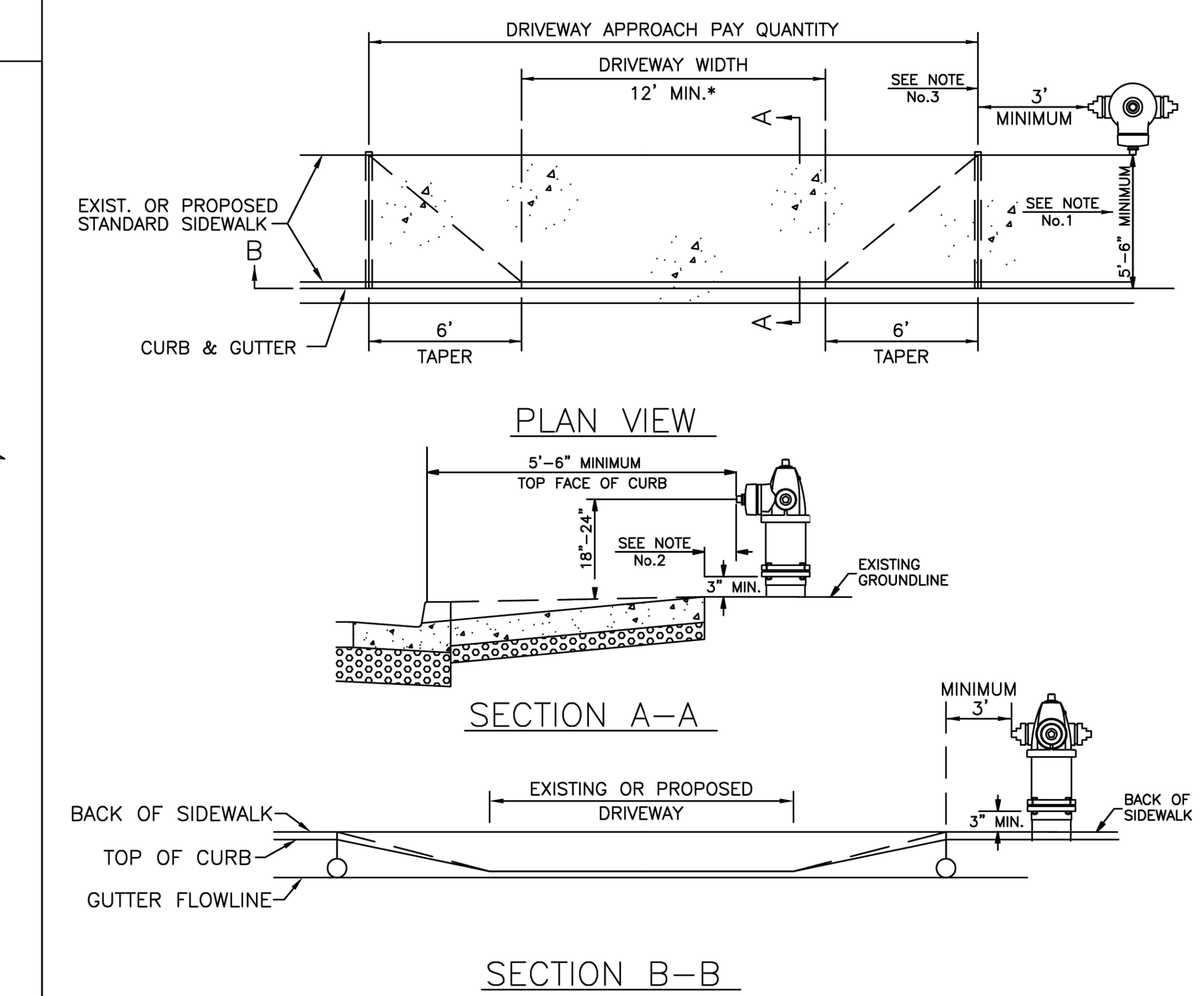
1. FIRE HYDRANT SHALL CONFORM TO AWWA G 502-80 AND SHALL BE KENNEDY "GUARDIAN" OR MEULLER "CENTURIAN". FIRE HYFRANT SHALL BE MECHANICAL JOINT UNLESS OTHERWISE NOTED ON THE PLAN AND APPROVED BY THE ENGINEER.
2. GATE VALVE SHALL BE RESILIENT SEAT, NON-RISING STEM CONFORMING TO C-509 AND SHALL BE MUELLER, 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 MF 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 CONSRTUCTION, 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	8/22/00	CDN	CHECKED:
2	5/30/02	RKB	APPROVED BY:
3	11/17/03	SEH	
4	01/02/18	RWS	CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE

FIRE HYDRANT ASSEMBLY

NO. **401** ADOPTED DATE: SHEET OF



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	08/16/04	LJJ	CHECKED:
			APPROVED BY:
			CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE

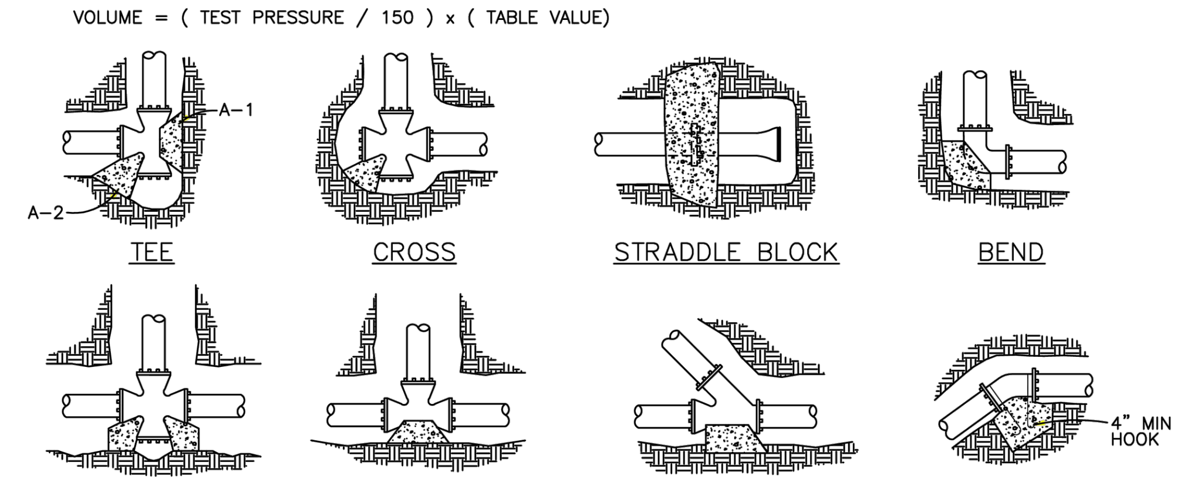
FIRE HYDRANT PLACEMENT STANDARD SIDEWALK

NO. **401B** ADOPTED DATE: SHEET OF

FITTING SIZE	(HORIZONTAL) BEARING AREA OF THRUST BLOCKS IN SQUARE FEET: TEE, WYE, DEAD END AND HYDRANT	STRADDLE BLOCK	90° BEND PLUGGED CROSS	TEE PLUGGED ON RUN A-1	TEE PLUGGED ON RUN A-2	45° BEND	22-1/2° BEND	11-1/4° BEND	(VERTICAL) VOLUME OF THRUST BLOCK IN CUBIC YARDS: 90° 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	---	1.3	---	---	---
8	3.8	6.5	5.3	7.6	5.4	2.9	1.5	1.0	2.3	1.1	---	---
10	5.9	10.2	8.4	11.8	8.4	4.6	2.4	1.2	3.7	1.8	---	---
12	8.5	14.7	12.0	17.0	12.0	6.6	3.4	1.7	5.5	2.8	1.2	---
14	11.5	---	16.3	23.0	16.3	8.9	4.6	2.3	7.6	3.9	1.7	---
16	15.0	26.1	21.3	30.0	21.3	11.6	6.0	3.0	9.9	5.1	2.3	0.9
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)



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.

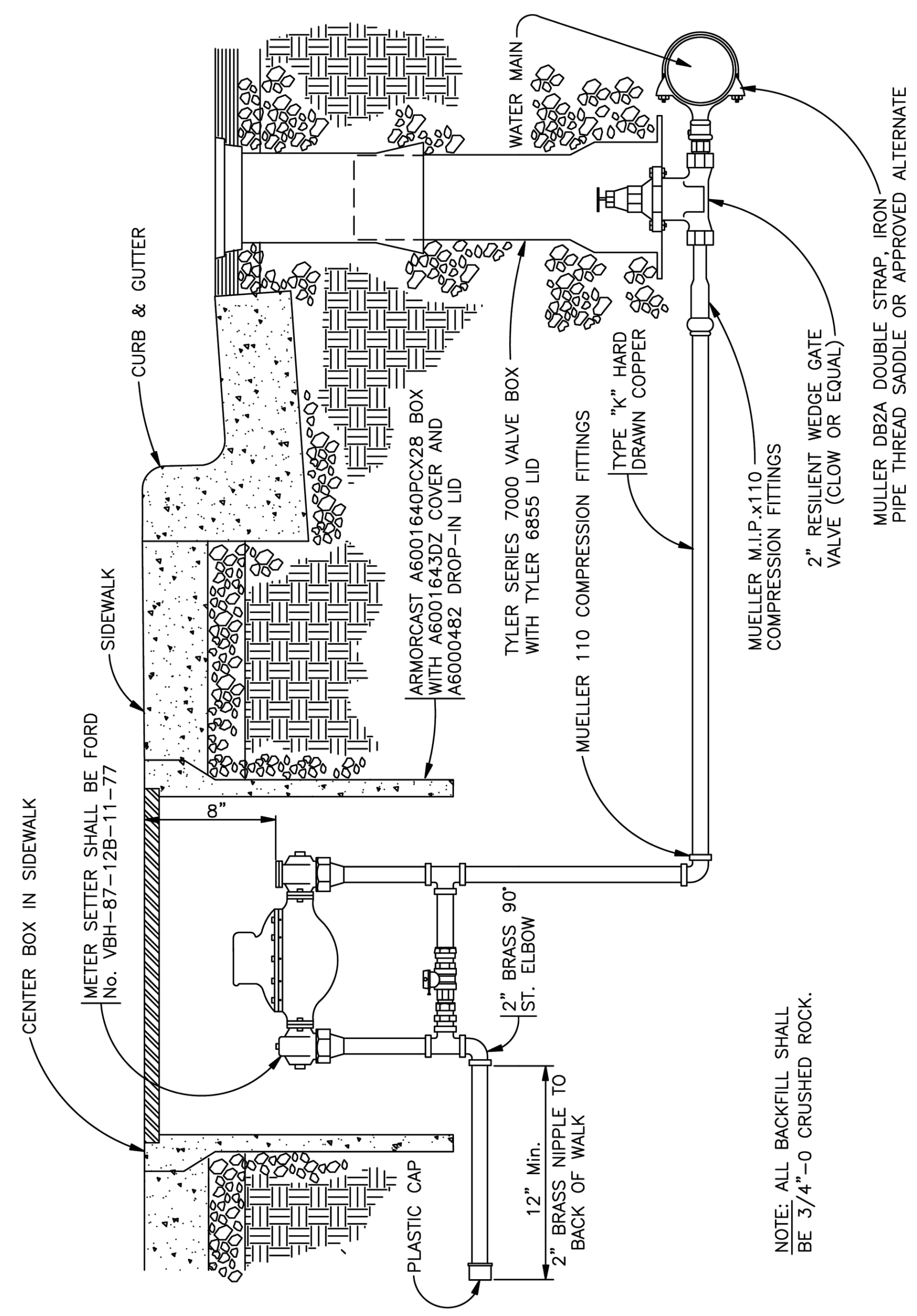
RODS FOR VERTICAL BENDS		
FITTING SIZE	ROD SIZE	EMBEDMENT
12" AND LESS	#6	30"
14"-16"	#8	36"

REVISIONS			DESIGN: ENG. DEPT
NO.	DATE	BY	DRAWN: CDN
			CHECKED:
			APPROVED BY:
			CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE

THRUST BLOCKING

NO. **402** ADOPTED DATE: SHEET OF

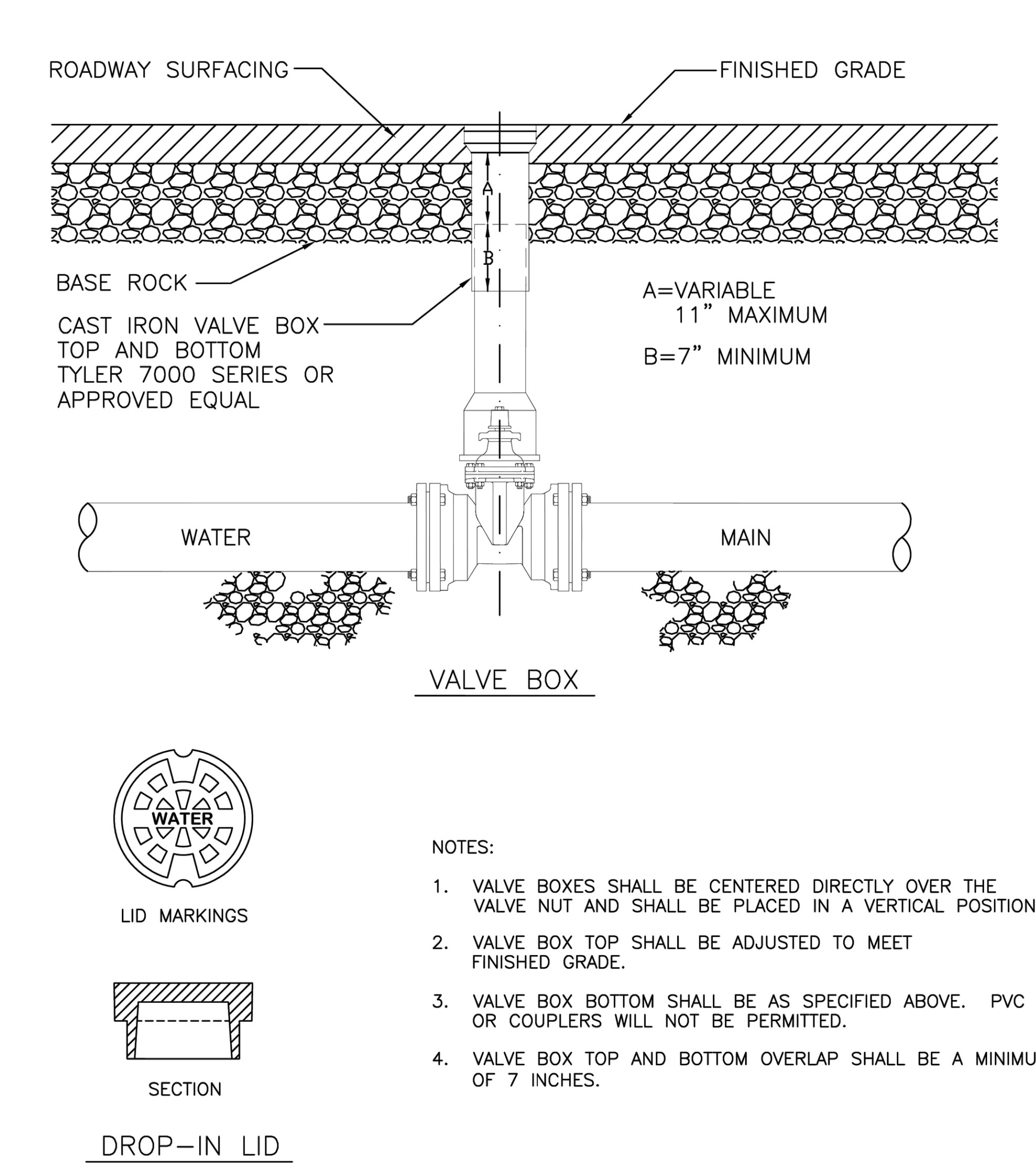


REVISIONS			DESIGN: ENG. DEPT
NO.	DATE	BY	DRAWN: CDN
1	9/26/03	SEH	CHECKED:
			APPROVED BY:
			CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE OREGON

1 1/2" OR 2" WATER SERVICE (WITH METER SETTER)

NO. **404** ADOPTED DATE: SHEET OF



NOTES:

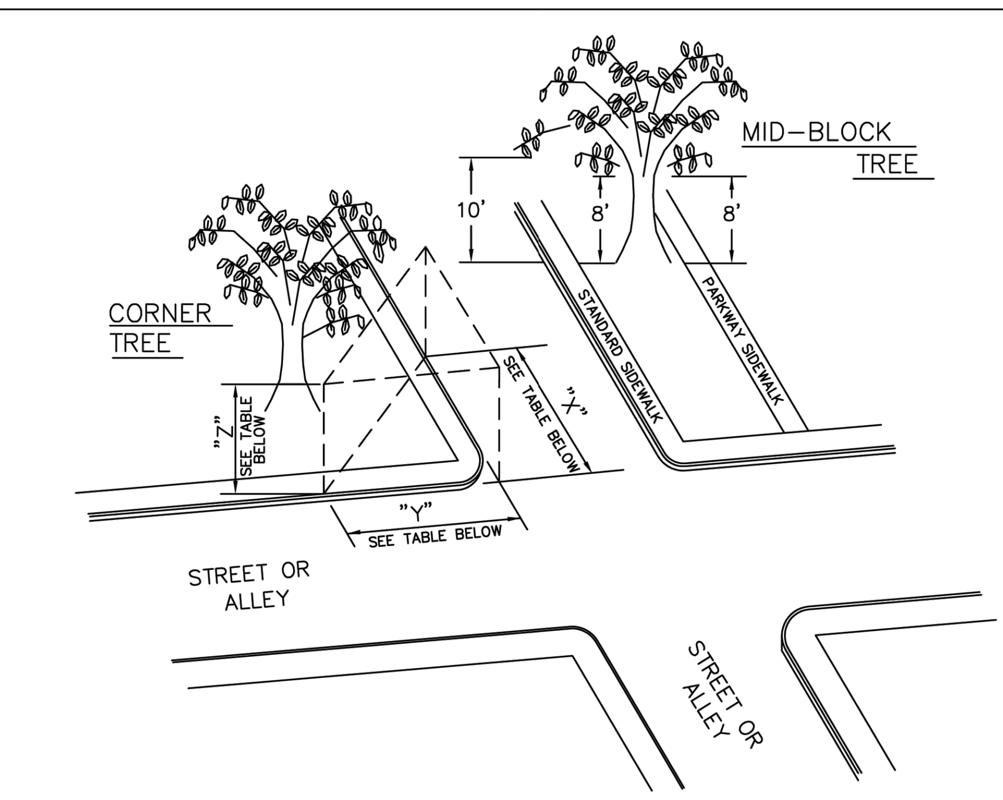
1. VALVE BOXES SHALL BE CENTERED DIRECTLY OVER THE VALVE NUT AND SHALL BE PLACED IN A VERTICAL POSITION.
2. VALVE BOX TOP SHALL BE ADJUSTED TO MEET FINISHED GRADE.
3. VALVE BOX BOTTOM SHALL BE AS SPECIFIED ABOVE. PVC OR COUPLERS WILL NOT BE PERMITTED.
4. VALVE BOX TOP AND BOTTOM OVERLAP SHALL BE A MINIMUM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

REVISIONS			DESIGN: ENG. DEPT
NO.	DATE	BY	DRAWN: SEH
			CHECKED: RKB
			APPROVED BY:
			CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE

WATER VALVE BOX

NO. **408** ADOPTED DATE: SHEET OF



CORNER LOTS

1. HORIZONTAL VISION CLEARANCE SHALL BE AS SHOWN IN THE TABLE AT LEFT FOR VALUES OF "X" AND "Y" BASED UPON ZONING.
2. VERTICAL CLEARANCE ABOVE THE CURB SHALL BE AS SHOWN IN THE TABLE AT LEFT FOR VALUES OF "Z" BASED UPON ZONING.

ZONING	STREETS "X"	STREETS "Y"	ALLEYS "X"	ALLEYS "Y"	HEIGHT ABOVE CURB "Z"
RS	20'	20'	10'	10'	15'
R1	20'	20'	10'	10'	15'
R2	20'	20'	10'	10'	15'
R3	20'	20'	10'	10'	15'
MP	20'	20'	10'	10'	15'
RP1	20'	20'	10'	10'	15'
RP2	20'	20'	10'	10'	15'
C1	20'	20'	10'	10'	15'
C2	10'	10'	10'	10'	8'
C2P	10'	10'	10'	10'	8'
CT	10'	10'	10'	10'	8'
CT/L	15'	15'	10'	10'	8'
M1	20'	20'	10'	10'	15'
M2	20'	20'	10'	10'	15'

MID-BLOCK

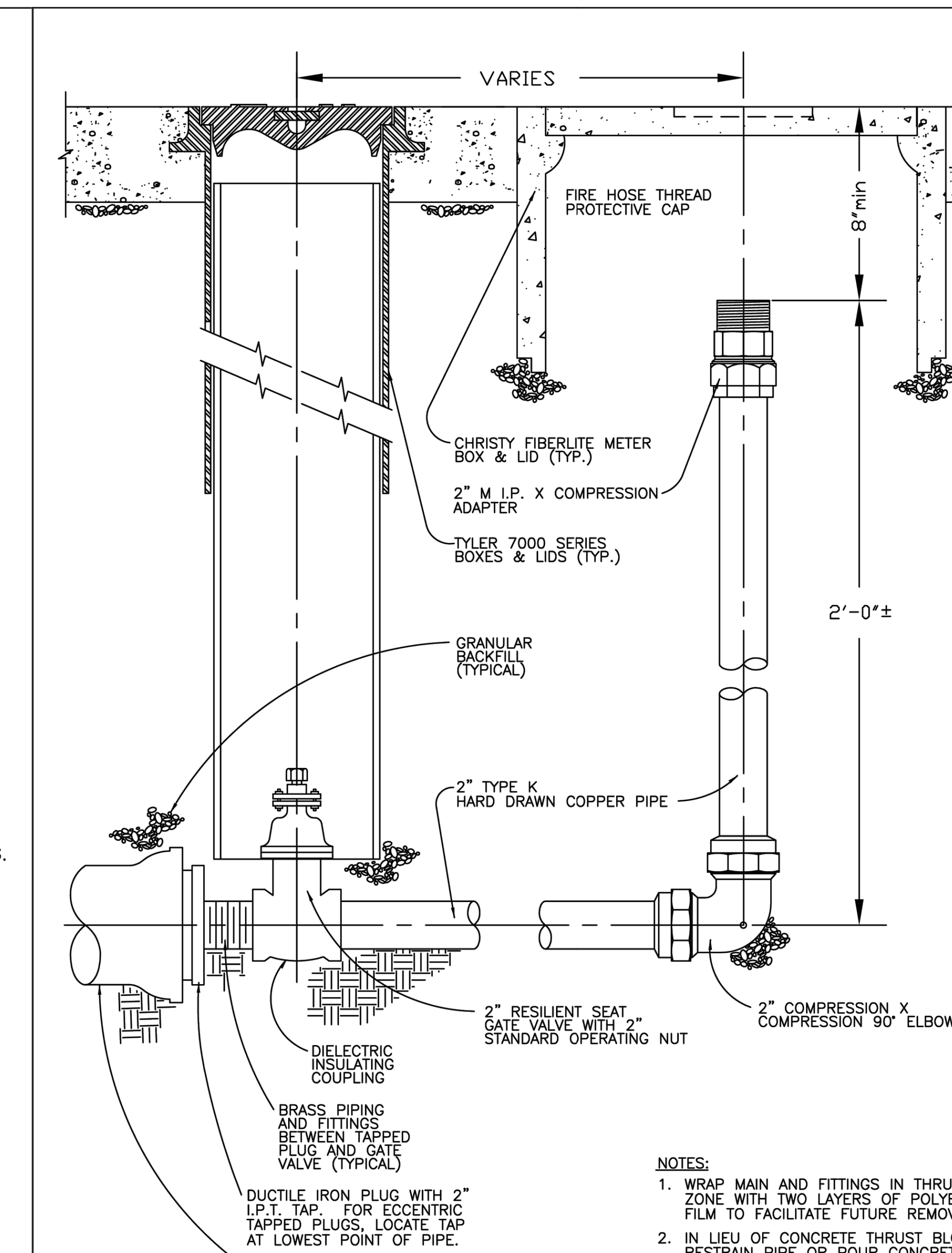
WHERE TREES OR SHRUBS ARE PLANTED MID-BLOCK, MINIMUM VERTICAL CLEARANCE TO ANY OVERHANGING PORTION IS 10 FT. ABOVE THE ROADWAY OR 8 FT. ABOVE THE SIDEWALK.

REVISIONS			DESIGN: ENG. DEPT
NO.	DATE	BY	DRAWN: CDN
1	11/20/03	SEH	CHECKED:
			APPROVED BY:
			CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE

VISION CLEARANCE

NO. **600** ADOPTED DATE: SHEET OF



NOTES:
1. WRAP MAIN AND FITTINGS IN THRUST BLOCK ZONE WITH TWO LAYERS OF POLYETHYLENE FILM TO FACILITATE FUTURE REMOVAL.
2. IN LIEU OF CONCRETE THRUST BLOCK, RESTRAIN PIPE OR POUR CONCRETE STRADDLE BLOCK.

REVISIONS			DESIGN: ENG. DEPT
NO.	DATE	BY	DRAWN: SEH
			CHECKED:
			APPROVED BY:
			CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE

PERMANENT 2" BLOW-OFF DETAIL

NO. **405A** ADOPTED DATE: SHEET OF

Z:\2022\22-001H Cottage Grove Main St\Drawings\PEP\Production Drawings\22-001H Pub_DETAILS.dwg 3/8/2024 12:42 PM ANANDA

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OREGON
JULY 13, 2006
DAMIEN GILBERT
EXPIRES: JUNE 30, 2025

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

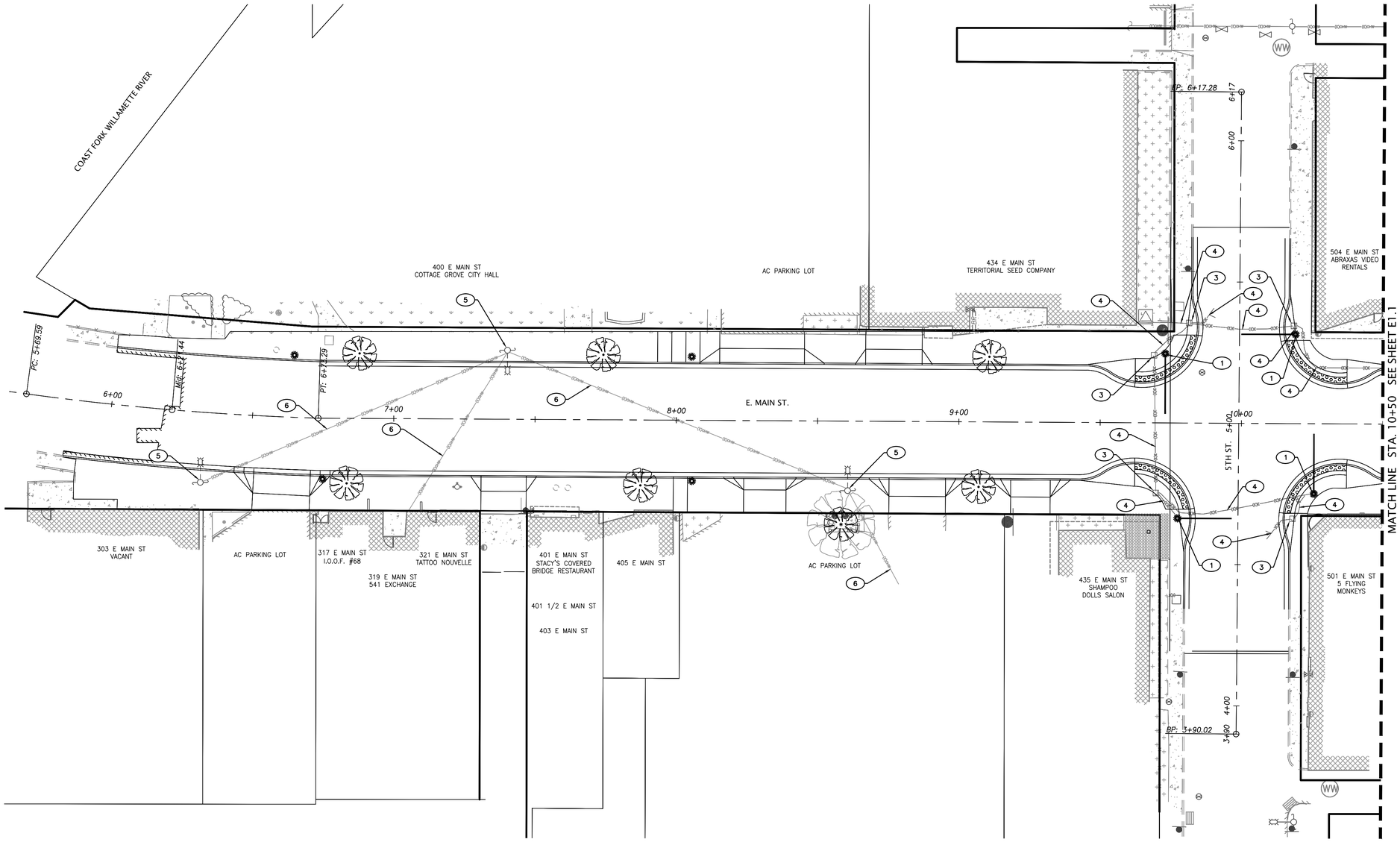
REVISIONS:		
No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

STORMWATER AND WATER DETAILS

Sheet No. **C5.1**

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H



CONSTRUCTION NOTES:

1. REMOVE AND REFURBISH EXISTING SIGNAL POLE AND MAST ARM.
2. RETAIN AND PROTECT EXISTING POWER POLE.
3. RETAIN AND PROTECT EXISTING TRAFFIC SIGNAL JUNCTION BOX.
4. RETAIN AND PROTECT EXISTING TRAFFIC SIGNAL CONDUIT.
5. REMOVE EXISTING STREET LIGHT POLE AND MAST ARM.
6. REMOVE EXISTING OVERHEAD ELECTRIC WIRES.

N

GRAPHIC SCALE

20 0 10 20 40

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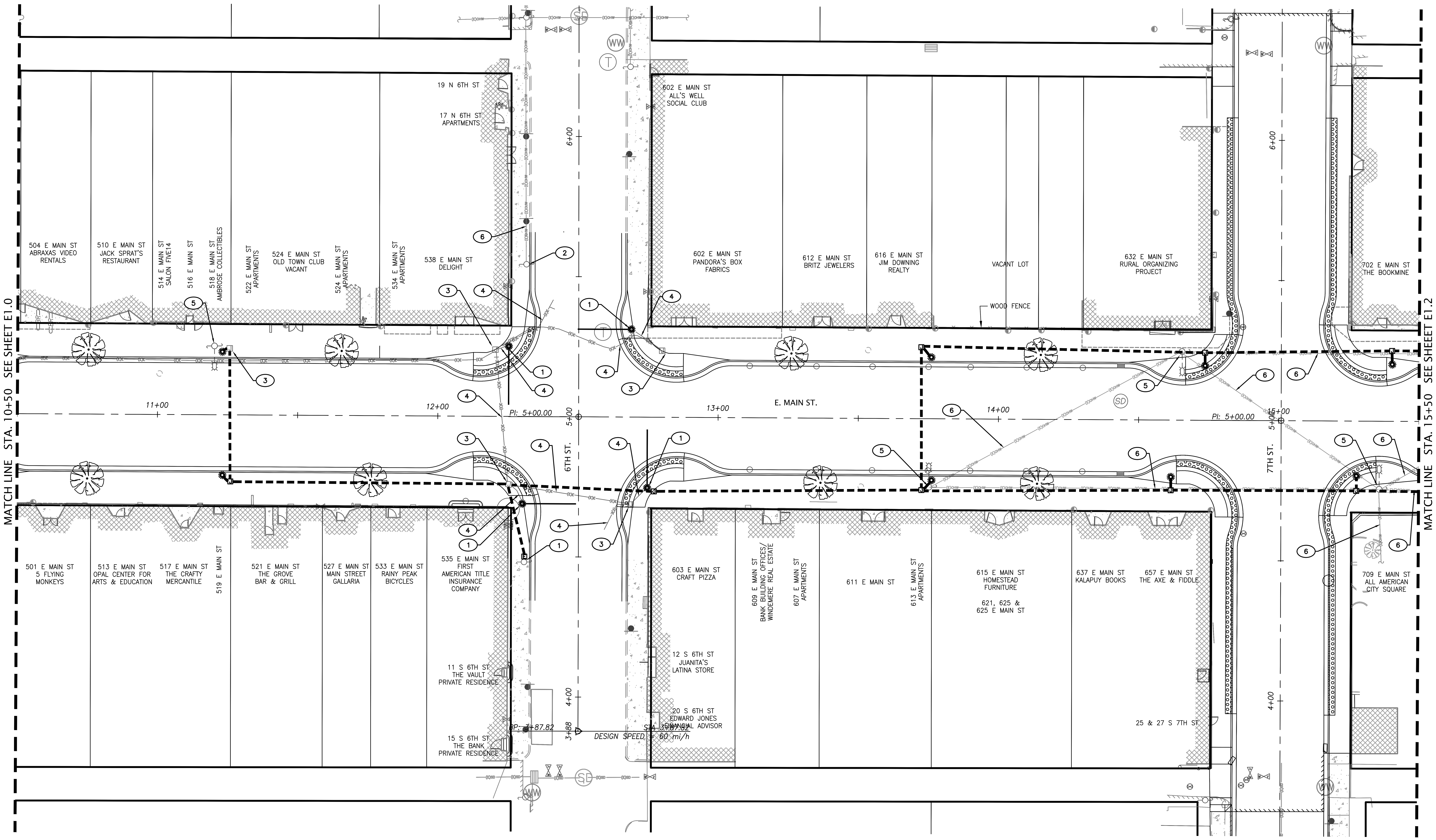
E. MAIN STREET REVITALIZATION PROJ.

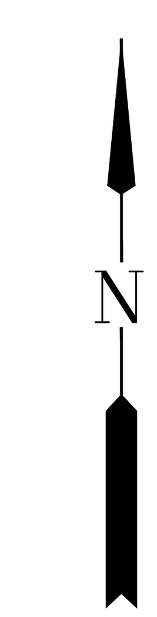
PUBLIC IMPROVEMENTS

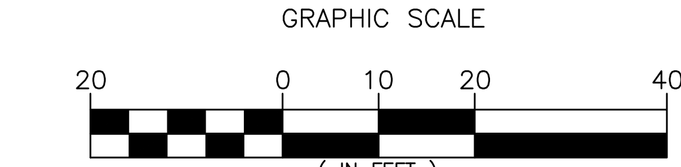
STREET LIGHTING & ELECTRICAL PLANS
MAIN ST. STA. 5+70 TO 10+50
AND 5TH STREET

Sheet No. **E1.0**

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H







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E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

STREET LIGHTING & ELECTRICAL PLANS
MAIN ST. STA. 10+50 TO 15+50,
6TH ST. AND 7TH ST.

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
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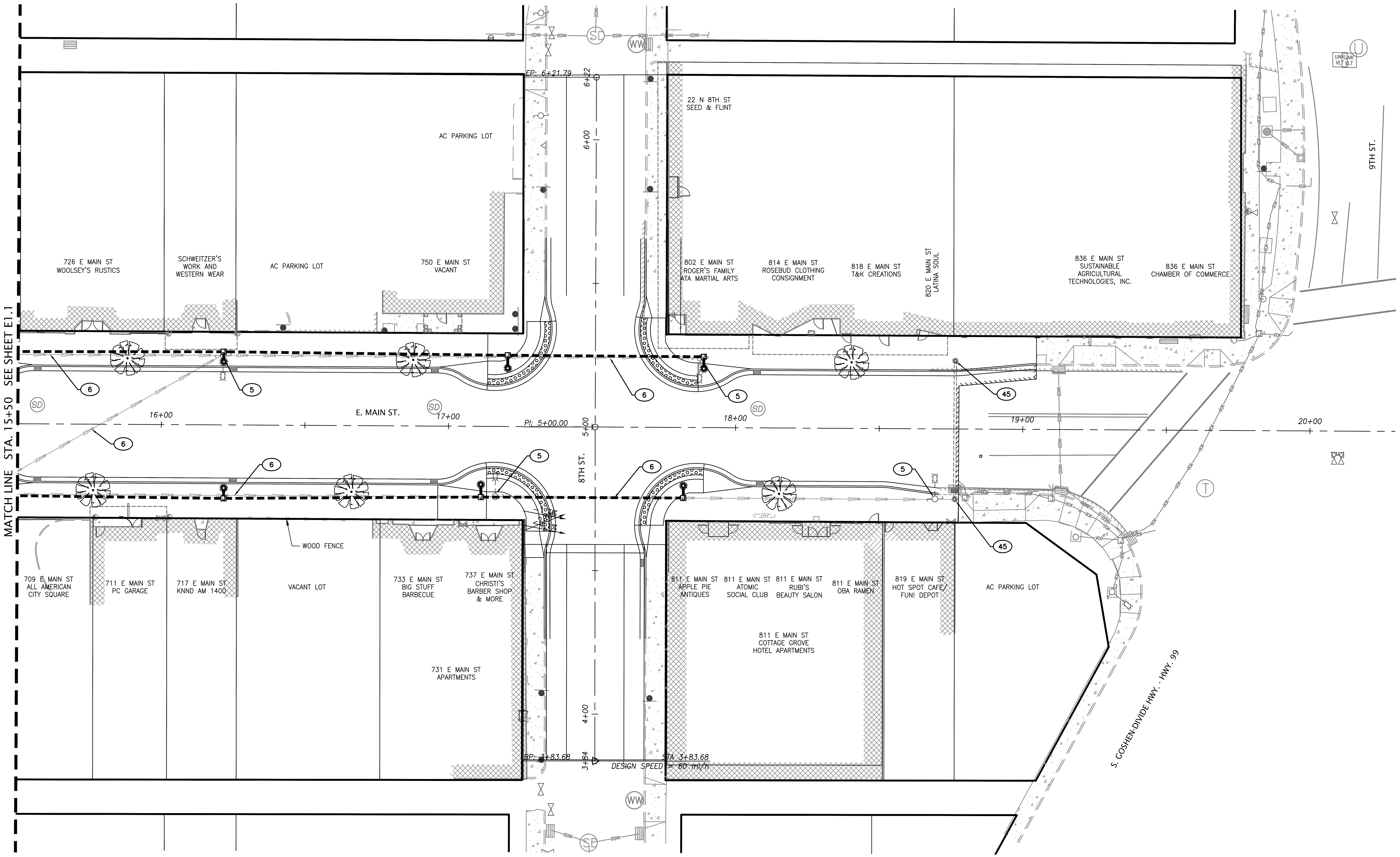
Sheet No. E1.1



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City of Cottage Grove Engineering
400 Main Street Cottage Grove, OR 97424

REVISIONS:

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E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

STREET LIGHTING & ELECTRICAL PLANS
MAIN ST. STA. 15+50 TO 20+00
AND 8TH STREET

Sheet No. E1.2

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E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

STREET LIGHTING AND ELECTRICAL DETAILS

Sheet No. **E2.0**

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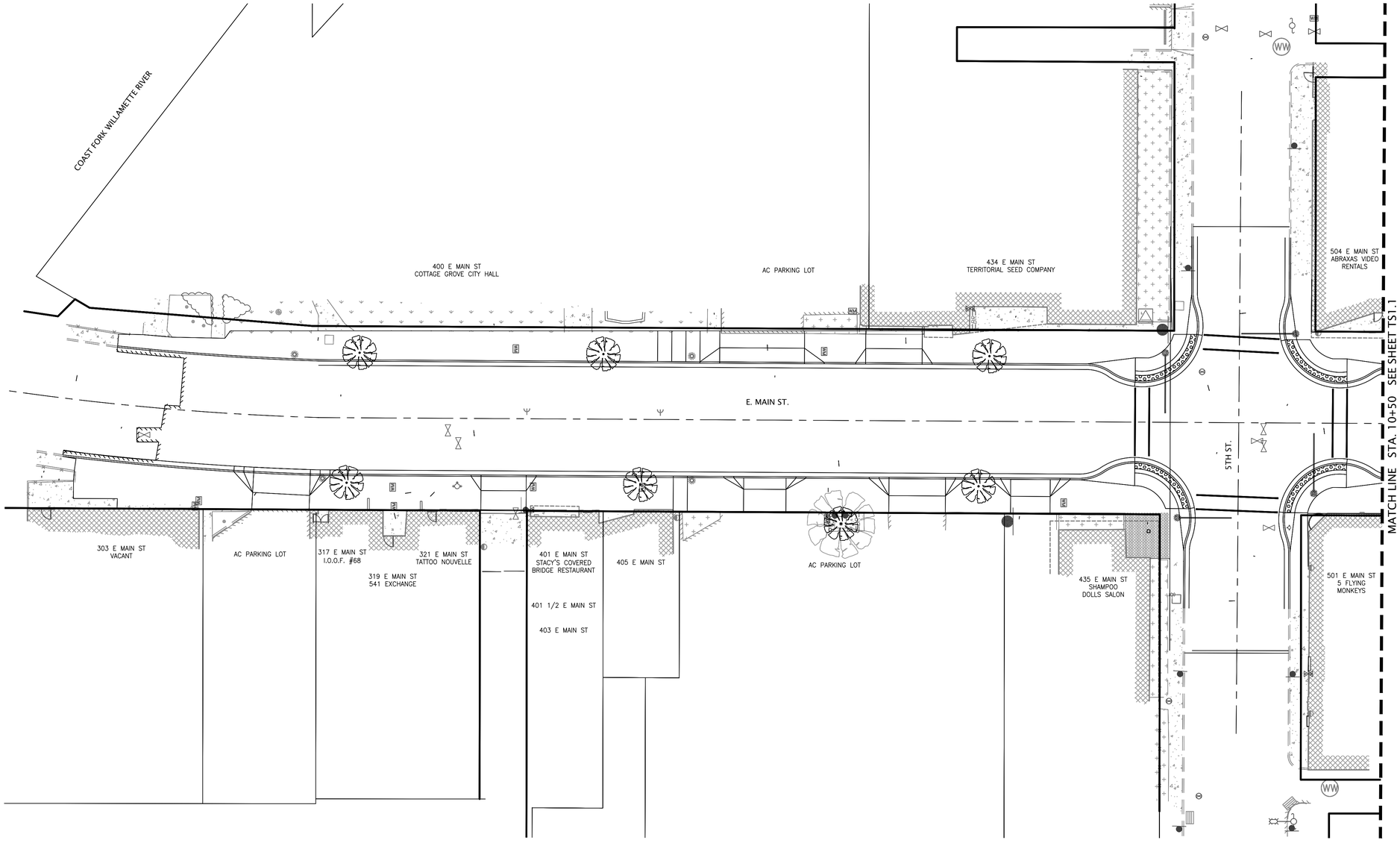

CONSTRUCTION NOTES:

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PUBLIC IMPROVEMENTS

SIGNING & STRIPING PLANS
MAIN ST. STA. 5+70 TO 10+50
AND 5TH STREET

Sheet No. **TS1.0**

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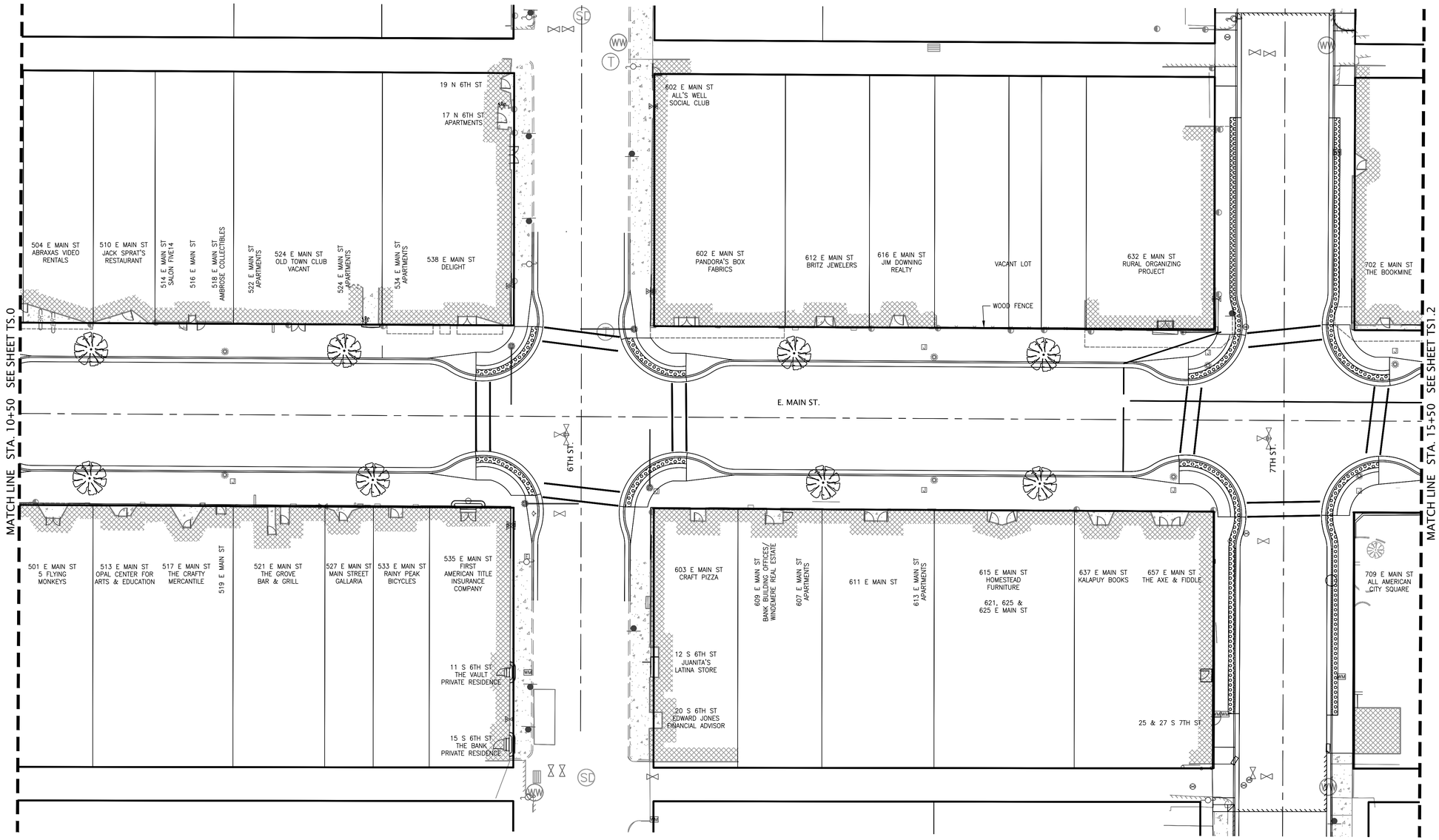

CONSTRUCTION NOTES:

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400 Main Street Cottage Grove, OR 97424

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PUBLIC IMPROVEMENTS

SIGNING & STRIPING PLANS
MAIN ST. STA. 10+50 TO 15+50,
6TH ST. AND 7TH ST.

Sheet No. **TS1.1**

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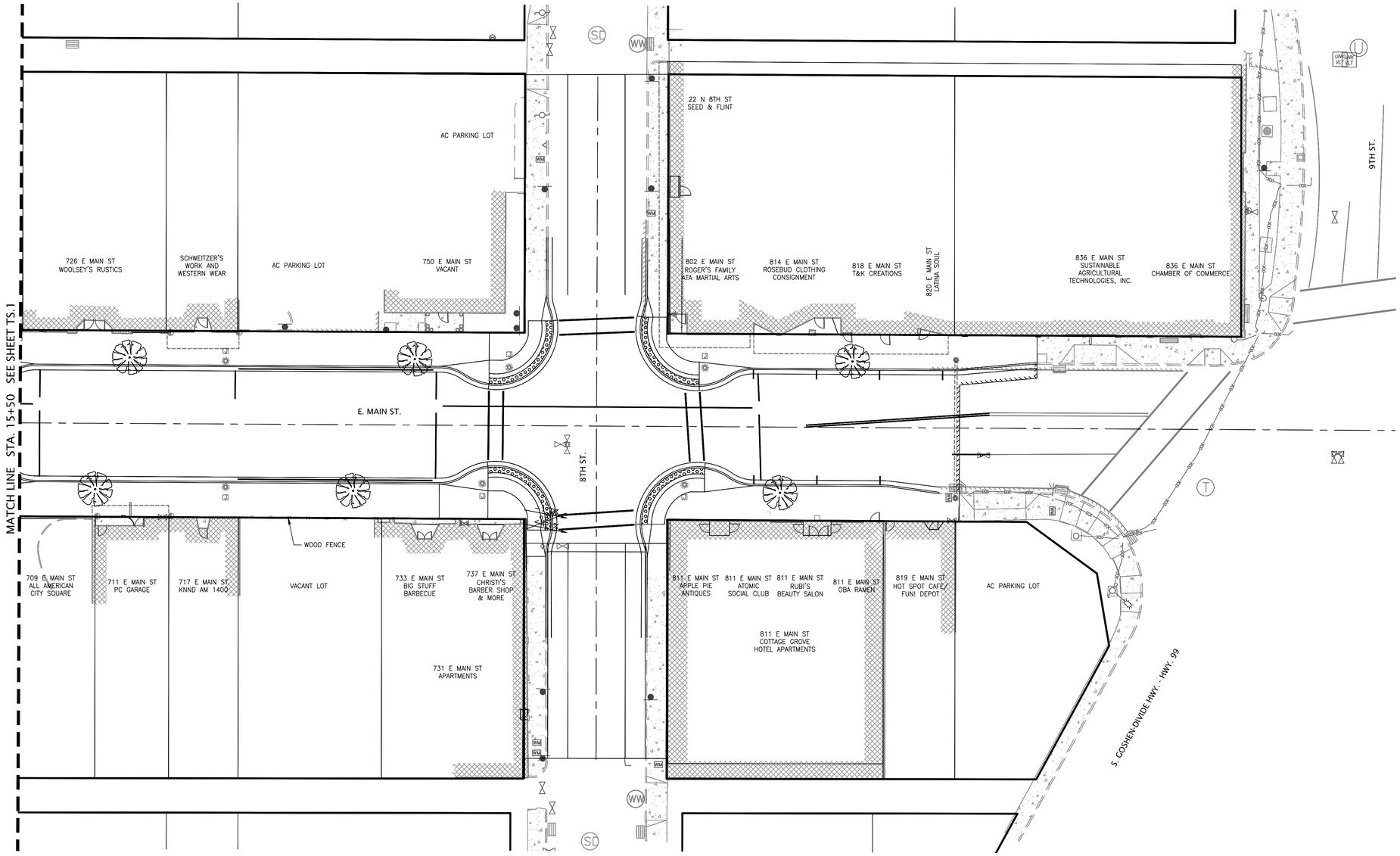

CONSTRUCTION NOTES:

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400 Main Street Cottage Grove, OR 97424

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E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

SIGNING & STRIPING PLANS
MAIN ST. STA. 15+50 TO 20+00
AND 8TH STREET

Sheet No. **TS1.2**

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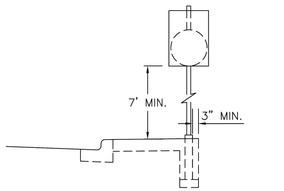
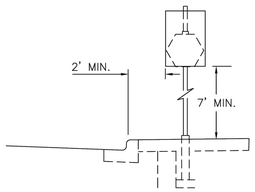


STANDARD SIGN LOCATION



ALTERNATE SIGN LOCATION

NOTES:

1. SIGNS SHALL BE PLACED IN THE STANDARD LOCATION AT THE BACK OF THE SIDEWALK WHEREVER POSSIBLE. IF NO SIDEWALK EXISTS, SIGN POSTS SHALL BE PLACED FIVE (5) FEET FROM THE BACK OF THE CURB.
2. IF THE LINE OF SIGHT IS OBSTRUCTED, THE ENGINEER MAY REQUIRE THE SIGN TO BE PLACED IN THE ALTERNATE LOCATION, BUT IN NO CASE SHALL THE OUTSIDE EDGE OF THE SIGN FACE BE LESS THAN TWO (2) FEET BEHIND THE FACE OF CURB.
3. IF NO CURB EXISTS, LOCATE THE SIGN SEVEN (7) FEET FROM EDGE OF PAVEMENT OR AS DIRECTED BY THE ENGINEER.
3. FOR STOP SIGN INSTALLATION, THE STANDARD LOCATION SHALL BE USED WHEREVER POSSIBLE.

REVISIONS			DESIGN: ENG. DEPT
NO.	DATE	BY	DRAWN: CDN
1	11/19/03	SEH	CHECKED:
2	1/16/04	SEH	APPROVED BY:
			CITY ENGINEER
R:\CITY STANDARDS\600 SERIES\SIGN LOCATION.dgn 5-13-09			DATE:

CITY OF COTTAGE GROVE

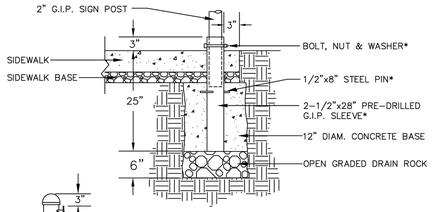
SIGN LOCATION

NO. **501**

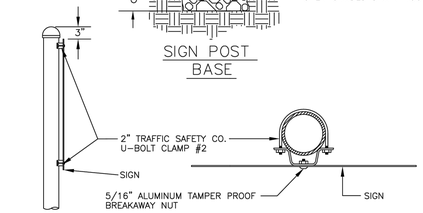
ADOPTED

DATE:

SHEET OF



SIGN POST BASE



SIGN POST TOP VIEW

NOTES:

1. SIGN POST SHALL BE 0.065 WALL, 2-3/8" O.D. GALVANIZED TUBING WITH A WATER TIGHT CAP THAT MAY BE BE SLIP-ON OR SCREW-ON TYPE. SIGN POST LENGTH VARIES WITH THE SIGN FACE SIZE, WITH A 10' MINIMUM.

*2. BOLT, NUT, WASHER, PRE-DRILLED SLEEVE, AND IRON PIN WILL BE FURNISHED BY THE CITY.

3. IN SOFT OR UNSTABLE GROUND, THE ENGINEER MAY REQUIRE ADDITIONAL MEASURES INCLUDING A LARGER CONCRETE BASE AND/OR A LENGTH OF 2" GALVANIZED IRON PIPE DRIVEN INTO THE BOTTOM OF THE HOLE WITH THE SLEEVE PLACED ON IT PRIOR TO THE CONCRETE BASE BEING PLACED.

4. FASTEN SIGN TO POST USING TRAFFIC SAFETY CO. U-BOLT CLAMP ASSEMBLY #2 WITH FRONT BOLT ENTRY AND 5/16" ALUMINUM TAMPER PROOF BREAKAWAY NUTS. USE A MINIMUM OF TWO (2) CLAMPS PER SIGN.

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			APPROVED BY:
			CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE

SIGN POST BASE AND SIGN MOUNTING

NO. **502**

ADOPTED

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E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

SIGNING AND STRIPING DETAILS

Sheet No. **TS2.0**

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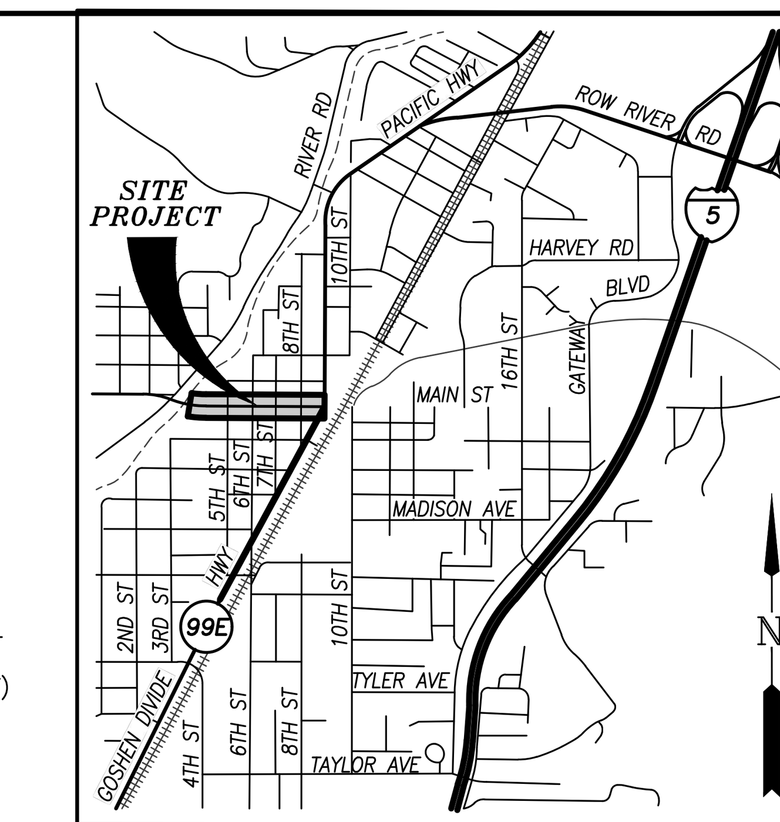
E. MAIN STREET REVITALIZATION PROJ.

EROSION CONTROL PLANS/1200-C PERMIT

COTTAGE GROVE, OREGON



VICINITY MAP — *NOT TO SCALE*

BMP MATRIX FOR CONSTRUCTION PHASE

BMP	CLEARING/ DEMO	MASS GRADING/ UTILITY CONSTRUCTION	VERTICAL CONSTRUCTION	FINAL STABILIZATION
BIOBAGS				
BIOSWALES				
CHECK DAMS				
COMPOST BERM				
COMPOST BLANKETS				
COMPOST SOCKS				
CONCRETE TRUCK WASHOUT				
CONSTRUCTION ENTRANCE	X	X		
DEWATERING (TREATMENT LOCATION, SCHEMATIC & SAMPLING PLAN REQUIRED)				
DRAINAGE SWALES				
EARTH DIKES (STABILIZED)				
ENERGY DISSIPATERS				
EROSION CONTROL BLANKETS AND MATS (SPECIFY TYPE)				
HYDROSEEDING				
INLET PROTECTION	X	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	X
SEDIMENT FENCE				
SEDIMENT BARRIER				
SEDIMENT TRAP				
SODDING				
SOIL TRACKIFIERS				
STORM DRAIN INLET PROTECTION	X	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

1. WATER AND ASSOCIATED DISCHARGES FROM EMERGENCY FIREFIGHTING ACTIVITIES
2. FIRE HYDRANT FLUSHING
3. PROPERLY MANAGED LANDSCAPING IRRIGATION
4. 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
5. WATER USED TO CONTROL DUST
6. POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS
7. EXTERNAL BUILDING WASHDOWN, PROVIDED SOAPS, SOLVENTS, AND DETERGENTS ARE NOT USED, AND EXTERNAL SURFACES DO NOT CONTAIN HAZARDOUS SUBSTANCES
8. 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, HOSING OF ACCUMULATED SEDIMENTS ON PAVEMENT INTO ANY STORMWATER CONVEYANCE IS PROHIBITED
9. UNCONTAMINATED, NON-TURBID DISCHARGES OF GROUNDWATER OR SPRING WATER
10. FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS OR CONTAMINATED GROUNDWATER
11. CONSTRUCTION DEWATERING ACTIVITIES (INCLUDING GROUNDWATER DEWATERING AND WELL DRILLING DISCHARGE ASSOCIATED WITH THE REGISTERED CONSTRUCTION ACTIVITY), PROVIDED THAT:
    a. 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
    b. BEST MANAGEMENT PRACTICES AND A TREATMENT SYSTEM APPROVED BY DEQ OR AGENT (SEE SECTION 1.2.9) ARE USED TO ENSURE COMPLIANCE WITH DISCHARGE AND WATER QUALITY REQUIREMENTS IN SECTION 2.4

DEQ GENERAL NOTES

1. 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)
2. VISUAL MONITORING INSPECTION REPORTS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS. (SECTION 6.5)
3. INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS. (SECTION 6.5.Q)
4. 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)
5. 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)
6. THE ESCP MUST BE ACCURATE AND REFLECT SITE CONDITIONS. (SECTION 4.8)
7. 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)
8. SEQUENCE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SECTION 2.2.2)
9. CREATE SMOOTH SURFACES BETWEEN SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS TO PREVENT STORMWATER FROM BYPASSING CONTROLS AND PONDING. (SECTION 2.2.3)
10. IDENTIFY, MARK, AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL 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)
11. 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)
12. MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITHIN THE 50-FEET OF WATERS OF THE STATE. (SECTION 2.2.4)
13. 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)
14. 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)
15. 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)
16. ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (SECTION 2.2.14)
17. 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)
18. ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SECTION 2.3.7)
19. 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 2.3.7)
20. 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)
21. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (SECTION 2.2.7.F)
22. 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)
23. ENSURE THAT STEEP SLOPE AREAS WHERE CONSTRUCTION ACTIVITIES ARE NOT OCCURRING ARE NOT DISTURBED. (SECTION 2.2.10)
24. PREVENT SOIL COMPACTION IN AREAS WHERE POST-CONSTRUCTION INFILTRATION FACILITIES ARE TO BE INSTALLED. (SECTION 2.2.12)
25. USE BMPS TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS; VEHICLE 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)
26. 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)
27. IF ENGINEERED SOILS ARE USED ON SITE, A SEDIMENTATION BASIN/IMPOUNDMENT MUST BE INSTALLED. (SEE SECTIONS 2.2.17 AND 2.2.18)
28. PROVIDE A DEWATERING PLAN FOR ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER SEEPAGE DUE TO SHALLOW EXCAVATION ACTIVITIES. (SEE SECTION 2.4)
29. 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)
30. USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (SECTION 2.2.9)
31. 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)
32. 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)
33. 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)
34. 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)
35. SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. (SECTION 2.1.5.B)
36. 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)
37. 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)
38. 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)
39. 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)
40. 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.)
41. 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)
42. 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

1. 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.
2. 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.
3. THE IMPLEMENTATION OF THE ESCP AND THE 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.
4. 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.
5. 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.
6. 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.
7. 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.).
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
1. 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 DIVERT FLOWS OR BERM INLETS TO POOL WATER AWAY FROM DRAINS. ANOTHER OPTION IS TO SEAL OR PLUG THE INLET.
2. 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.
3. 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 STREET 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

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

SHEET INDEX

EC0.0	EROSION CONTROL COVER & NOTES
EC0.1	EROSION CONTROL CONTRACTOR'S LISTS
EC1.0	EROSION CONTROL EXISTING CONDITIONS AND DEMO. PLAN MAIN ST. AND 5TH ST.
EC1.1	EROSION CONTROL EXISTING CONDITIONS AND DEMO. PLAN MAIN ST, 6TH ST. AND 7TH ST.
EC1.2	EROSION CONTROL EXISTING CONDITIONS AND DEMO. PLAN MAIN ST. AND 8TH ST.
EC2.0	EROSION CONTROL SITE PLAN MAIN ST. AND 5TH ST.
EC2.1	EROSION CONTROL SITE PLAN MAIN ST, 6TH ST. AND 7TH ST.
EC2.2	EROSION CONTROL SITE PLAN MAIN ST. AND 8TH ST.
EC3.0	EROSION CONTROL DETAILS

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

BMP INSTALLER/MAINTAINER

CONTRACTOR NAME: TBD
CONTACT: TBD
ADDRESS: TBD
PHONE: TBD
EMAIL: TBD

RAIN GAUGE LOCATION

STATION "COTTAGE GROVE 2.6 E" 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 41039C2087G AND 41039C2091G REVISED PRELIMINARY 1/28/2022, THIS SITE IS ENTIRELY IN ZONE X.

ENGINEER/ESCP PREPARER

BRANCH ENGINEERING, INC.
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310 5th STREET
SPRINGFIELD, OREGON 97477
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SURVEYOR

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

CONTRACTOR

CONTRACTOR NAME: TBD
CONTACT: TBD
ADDRESS: TBD
PHONE: TBD
EMAIL: TBD

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 MEILI CONSTRUCTION.

SITE INFORMATION

TYPE OF DEVELOPMENT: THE PROJECT ADDRESSED BY THIS EROSION AND SEDIMENT CONTROL PLAN CONSISTS OF AN ACCESS ROAD FOR A NEW WATER RESERVOIR.

1. CONSTRUCTION ACTIVITY WILL CONSIST OF:
    a. CLEARING AND MASS GRADING
    b. UTILITY CONSTRUCTION
    c. PARKING LOT PAVING
    d. CONSTRUCTION OF MULTI-FAMILY APARTMENT BUILDINGS
2. PROJECT TIMELINE:
    CLEARING: SUMMER, 2023
    MASS GRADING: SUMMER, 2023
    UTILITY CONSTRUCTION: SUMMER, 2023
    VERTICAL CONSTRUCTION: SUMMER, 2023
    FINAL STABILIZATION: SUMMER, 2023
3. PROJECT HOURS: MONDAY-SATURDAY, 7AM-7PM
4. PROJECT SITE AREAS:
    TOTAL AREA: 1.58 AC
    DISTURBED AREA: 1.58 AC
    PERCENT OF SITE DISTURBED: 100%

    OFFSITE PUBLIC IMPROVEMENT AREA: N/A
    IMPROVEMENT LENGTH: N/A
5. ONSITE SOIL TYPES:
    12E BELLPINE COBBLY SILTY CLAM LOAM, 2-30% SLOPE
    63D JORY SILTY CLAY LOAM, 12-20% SLOPE
    89D NEKIA SILTY CLAY LOAM, 12-20% SLOPE
    89E NEKIA SILTY CLAY LOAM, 20-30% SLOPE
    89F NEKIA SILTY CLAY LOAM, 30-50% SLOPE
    113C RITNER COBBLY SILTY CLAY LOAM, 2-12% SLOPE
6. 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.
7. CUT AND FILL DATA:
    CUT: 5568 CUBIC YARDS
    FILL: 339 CUBIC YARDS
    (CONTRACTOR TO VERIFY)

GRADING, STREET AND UTILITY EROSION CONTROL CONSTRUCTION NOTES

1. PERMANENT PLANTINGS SHALL BE PER LANDSCAPE PLANS.
2. SLOPE TO RECEIVE PERMANENT SEEDED COMPOST SHALL HAVE THE SURFACE ROUGHENED BY MEANS OF TRACK-WALKING OR THE USE OF OTHER APPROVED IMPLEMENTS. SURFACE ROUGHENING IMPROVES SEED BEDDING AND REDUCED RUN-OFF VELOCITY.
3. LONG TERM SLOPE STABILIZATION MEASURES SHALL INCLUDE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER VIA SEEDING WITH SUNMARK NATIVE EC MIX OR APPROVED ALTERNATE.
4. TEMPORARY SLOPE STABILIZATION MEASURES SHALL INCLUDE: COVERING EXPOSED SOIL WITH PLASTIC SHEETING, STRAW MULCHING, OR OTHER APPROVED MEASURES.
5. STOCKPILED SOIL OR STRIPPING SHALL BE PLACED IN A STABLE LOCATION AND CONFIGURATION. DURING "WET WEATHER" PERIODS, STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING. SEDIMENT FENCE IS REQUIRED AROUND THE PERIMETER OF THE STOCKPILE.
6. EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THOUGH THE USE OF TEMPORARY SEEDING AND MULCHING, SLOPES EXCEEDING 25% MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES.
7. AREAS SUBJECT TO WIND EROSION SHALL USE APPROPRIATE DUST CONTROL MEASURES INCLUDING THE APPLICATION OF A FINE SPRAY OF WATER, STRAW MULCHING, OR OTHER APPROVED MEASURES.
8. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, STREET SWEEPING, AND VACUUMING MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
9. ACTIVE INLETS TO STORM WATER SYSTEMS SHALL BE PROTECTED THROUGH THE USE OF APPROVED INLET PROTECTION MEASURES. ALL INLET PROTECTION MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED.
10. SATURATED MATERIALS THAT ARE HAULED OFF-SITE MUST BE TRANSPORTED IN WATER-TIGHT TRUCKS TO ELIMINATE SPILLAGE OF SEDIMENT AND SEDIMENT-LADEN WATER.
11. 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 STORM WATER SYSTEM (MINIMUM 50 FEET AWAY FROM STORM FACILITY, NATURAL RESOURCE PROTECTION AREA OR STORM WATER DISCHARGE POINT. 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 MAY BE REQUIRED. THE WASH-OUT SHALL BE LOCATED WITHIN SIX FEET OF TRUCK ACCESS AND BE CLEANED WHEN IT REACHED 50% OF THE CAPACITY.
12. SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORM WATER SYSTEM. SWEEPINGS SHALL BE PICKED UP AND DISPOSED IN THE TRASH.
13. AVOID PAVING IN WET WEATHER WHEN PAVING CHEMICALS CAN RUN-OFF IN TO THE STORM WATER SYSTEM.
14. COVER CATCH BASINS, MANHOLES, AND OTHER DISCHARGE POINTS WHEN APPLYING SEAL COAT, TACK COAT, ETC. TO PREVENT INTRODUCING THESE MATERIALS TO THE STORM WATER SYSTEM.

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REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

EROSION CONTROL
COVER SHEET AND NOTES

Sheet No. **EC0.0**

DRAWN BY:	*CHECKED BY:*	*DATE:*	
ARS	DG	3/8/2024	*JOB No.* 22-001H

Z:\2022\22-001H Cottage Grove Main St\Drawings\PEP\Production Drawings\22-001H_Pub_EC_EROSION CONTROL.dwg 3/7/2024 12:34 PM ANANDA

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.

NOTES

1. ENTIRE LIMITS OF DISTURBANCE MAY BE SUBJECTED TO POLLUTANTS, & EQUIPMENT TRAFFIC. CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING SITE AND ANY POTENTIAL POLLUTANT DISCHARGE.

PROJECT SITE CONTRACTOR LIST

CONTRACTOR COMPANY NAME	CLEARING	MASS GRADING/ UTILITY CONSTRUCTION/ VERTICAL CONSTRUCTION	FINAL STABILIZATION
GENERAL:			
TBD	X	X	X
SUBCONTRACTORS:			
NOT APPLICABLE AT THIS TIME			

THIS PLAN SHEET WAS SETUP FOR CONTRACTOR USE AS NEEDED TO AID IN MAINTAINING ACTIVE SUBCONTRACTOR AND POLLUTANT LISTS AND IS SEPARATE FROM THE CIVIL SHEETS.

CONTRACTOR TO ADD TO EROSION AND SEDIMENT CONTROL SITE PLAN:
1. ACTIVE LIST OF LOCATIONS OF POLLUTANTS
2. PORTA POTTY LOCATIONS
3. WASTE RECEPTACLES
4. WHERE FERTILIZER WILL BE USED

NOTE: CONTRACTOR IS REQUIRED TO MAINTAIN ACTIVE LIST OF SUBCONTRACTORS AND POLLUTANTS USED THROUGH THE COURSE OF THE PROJECT ALONG WITH THEIR STORAGE LOCATION ON SITE AT ALL TIMES. CONTRACTOR TO SUPPLY THE ACTIVE LIST TO THE DEQ AS NEEDED.

PROJECT SITE POLLUTANT LIST MATRIX

	POTENTIAL POLLUTANT	POLLUTANT ACTIVITY	PROJECT LOCATION	CONTRACTOR	NOTES
1	DIESEL FUEL	EXCAVATION / MOVING MATERIALS	ENTIRE PROJECT	TBD	
2	GASOLINE FUEL	EXCAVATION / MOVING MATERIALS	ENTIRE PROJECT	TBD	
3	MOTOR OIL, HYDRAULIC OIL	EXCAVATION / MOVING MATERIALS / HEAVY EQUIPMENT	ENTIRE PROJECT	TBD	
4	ANTIFREEZE COOLANT	HEAVY EQUIPMENT	ENTIRE PROJECT	TBD	
5					
6					
7					
8					
9					
10					
11					
12					
13					
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29					
30					

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400 Main Street Cottage Grove, OR 97424

REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.
PUBLIC IMPROVEMENTS

EROSION CONTROL
CONTRACTOR'S LISTS

Sheet No. EC0.1

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
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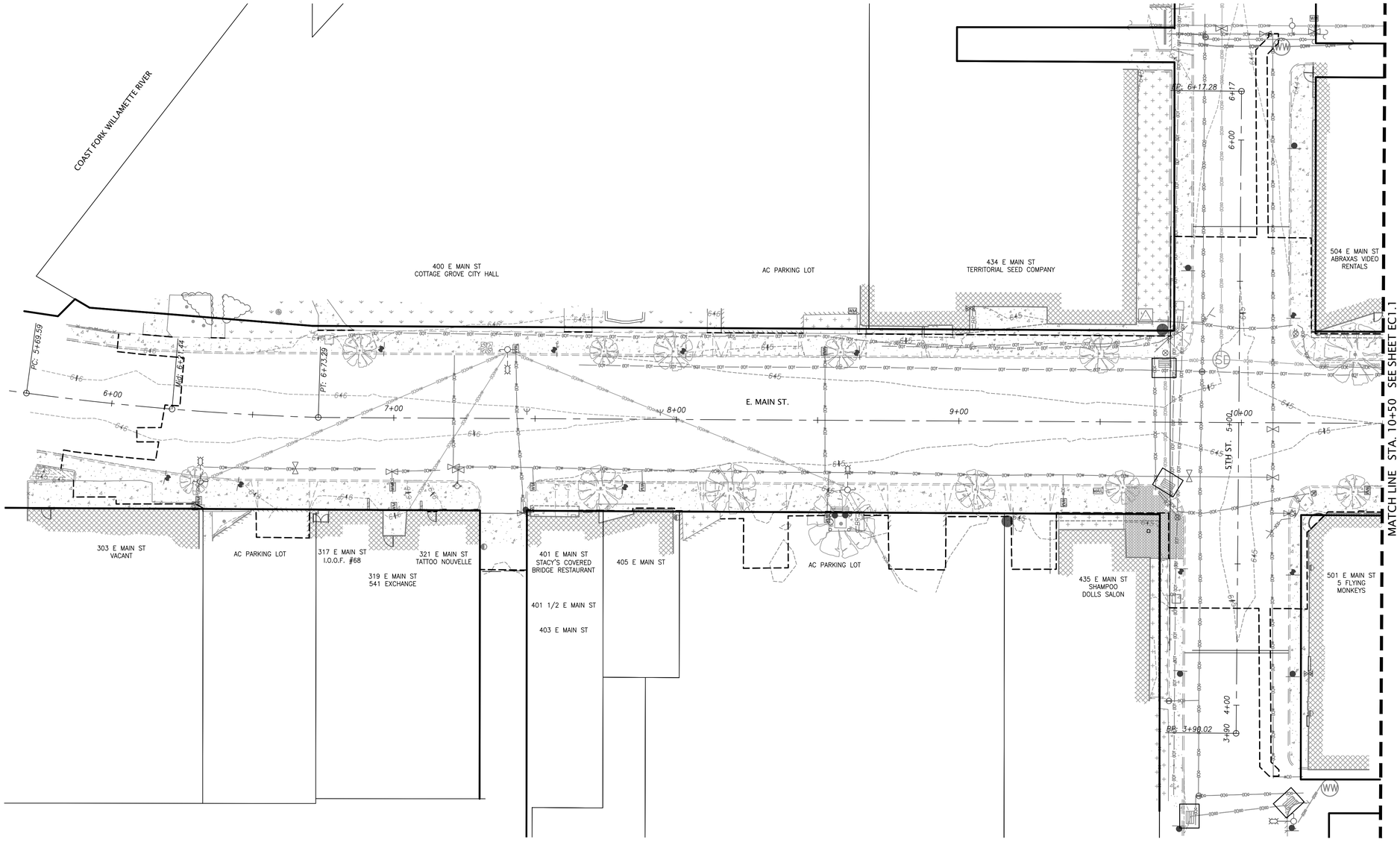

CONSTRUCTION NOTES:

1. INSTALL CONSTRUCTION ENTRANCE/EXIT PER ODOT STD. DWG. RD1000 ON SHEET EC3.0
2. INSTALL CONSTRUCTION SEDIMENT FENCING, OR FILTER SOCK SEDIMENT BARRIER. SEE ODOT STD. DWGS. RD1040 AND RD 1031 ON SHEET EC3.0.
3. INSTALL TYPE 3 INLET PROTECTION FOR CATCH BASIN PER CITY STD. DWG. RD1010 ON SHEET EC3.0.

LEGEND

- LIMITS OF DISTURBANCE
- 180 EXISTING CONTOUR
- *SEDIMENT FENCE, OR APPROVED ALTERNATE.*
- DIRECTION OF FLOW
- DECIDUOUS TREE
- EVERGREEN TREE
- TREE TO BE REMOVED

N

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

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CITY OF COTTAGE GROVE ENGINEERING
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REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

EROSION CONTROL
EXISTING CONDITIONS AND DEMO. PLAN
MAIN ST. AND 5TH ST.

Sheet No. **EC1.0**

DRAWN BY:	CHECKED BY:	DATE:	JOB No.
ARS	DG	3/8/2024	22-001H

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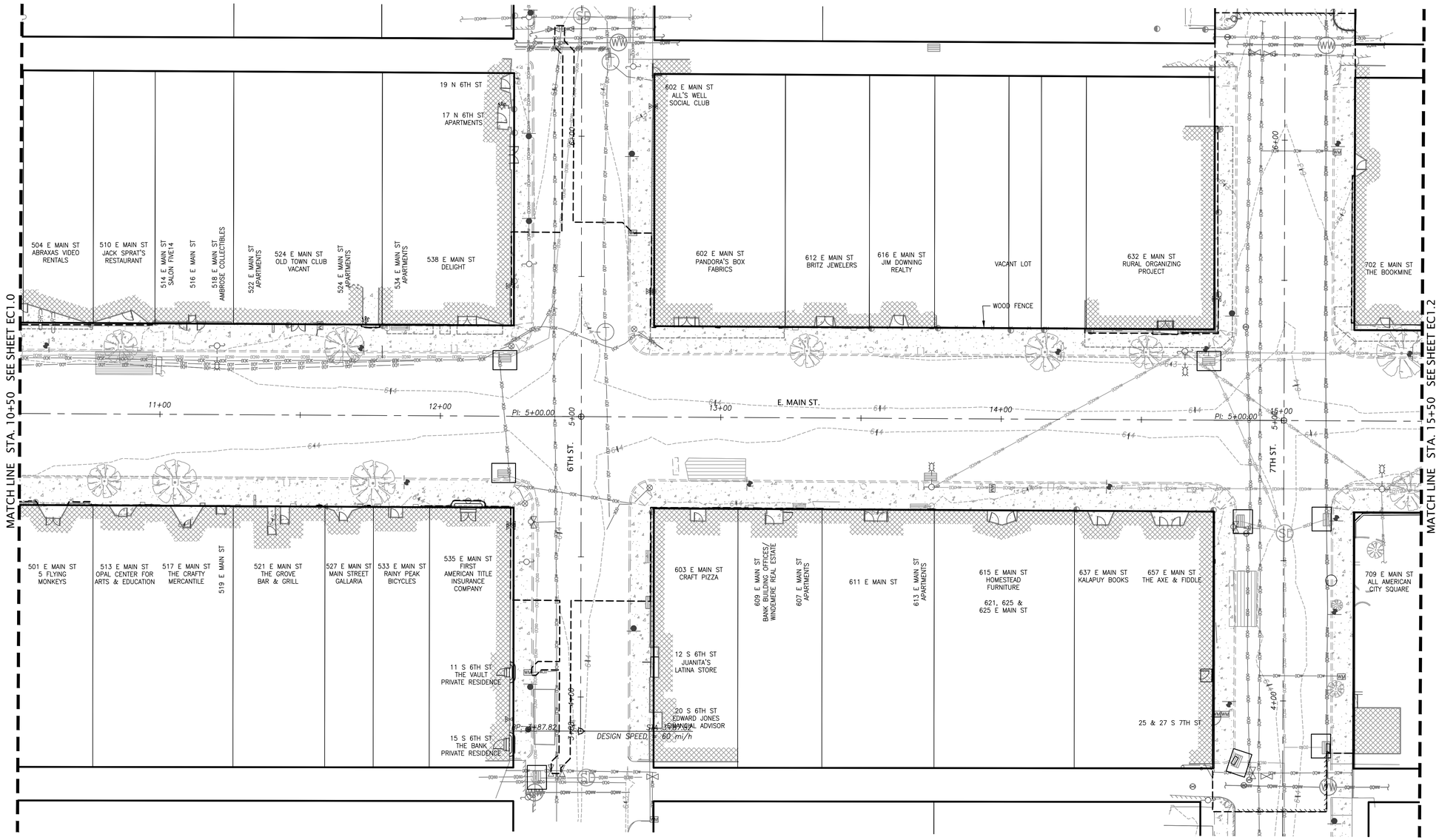

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400 Main Street Cottage Grove, OR 97424

REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

EROSION CONTROL
EXISTING CONDITIONS AND DEMO. PLAN
MAIN ST, 6TH ST. AND 7TH ST.

Sheet No. **EC1.1**

DRAWN BY:	*CHECKED BY:*	*DATE:*	*JOB No.*
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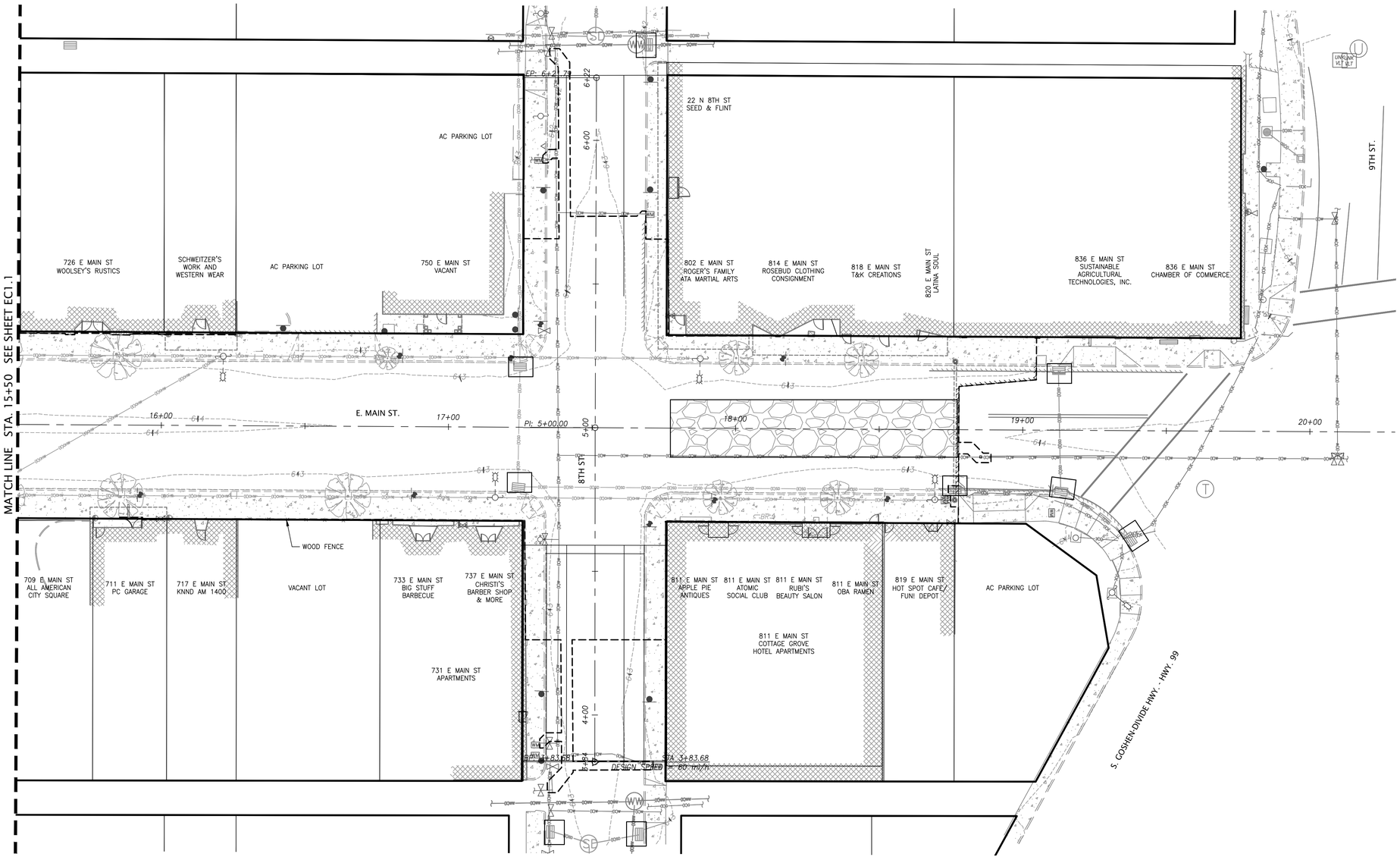

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REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

EROSION CONTROL
EXISTING CONDITIONS AND DEMO. PLAN
MAIN ST. AND 8TH ST.

Sheet No. **EC1.2**

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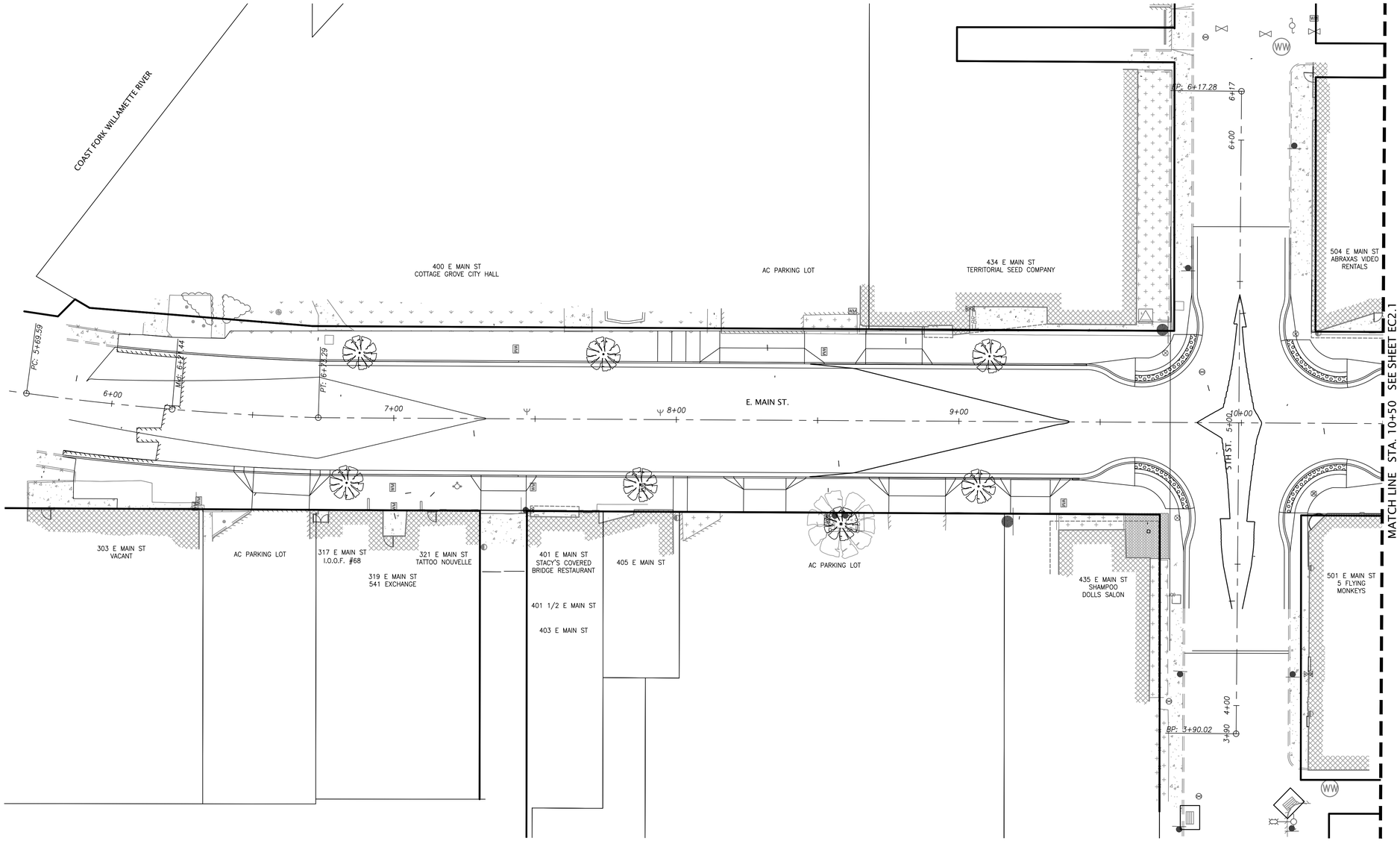
ARS	DG	3/8/2024	22-001H



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LEGEND

- LIMITS OF DISTURBANCE
- 180 — PROPOSED CONTOUR
- DIRECTION OF FLOW

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GRAPHIC SCALE

20 0 10 20 40

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REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

EROSION CONTROL
SITE PLAN
MAIN ST. AND 5TH ST.

Sheet No. **EC2.0**

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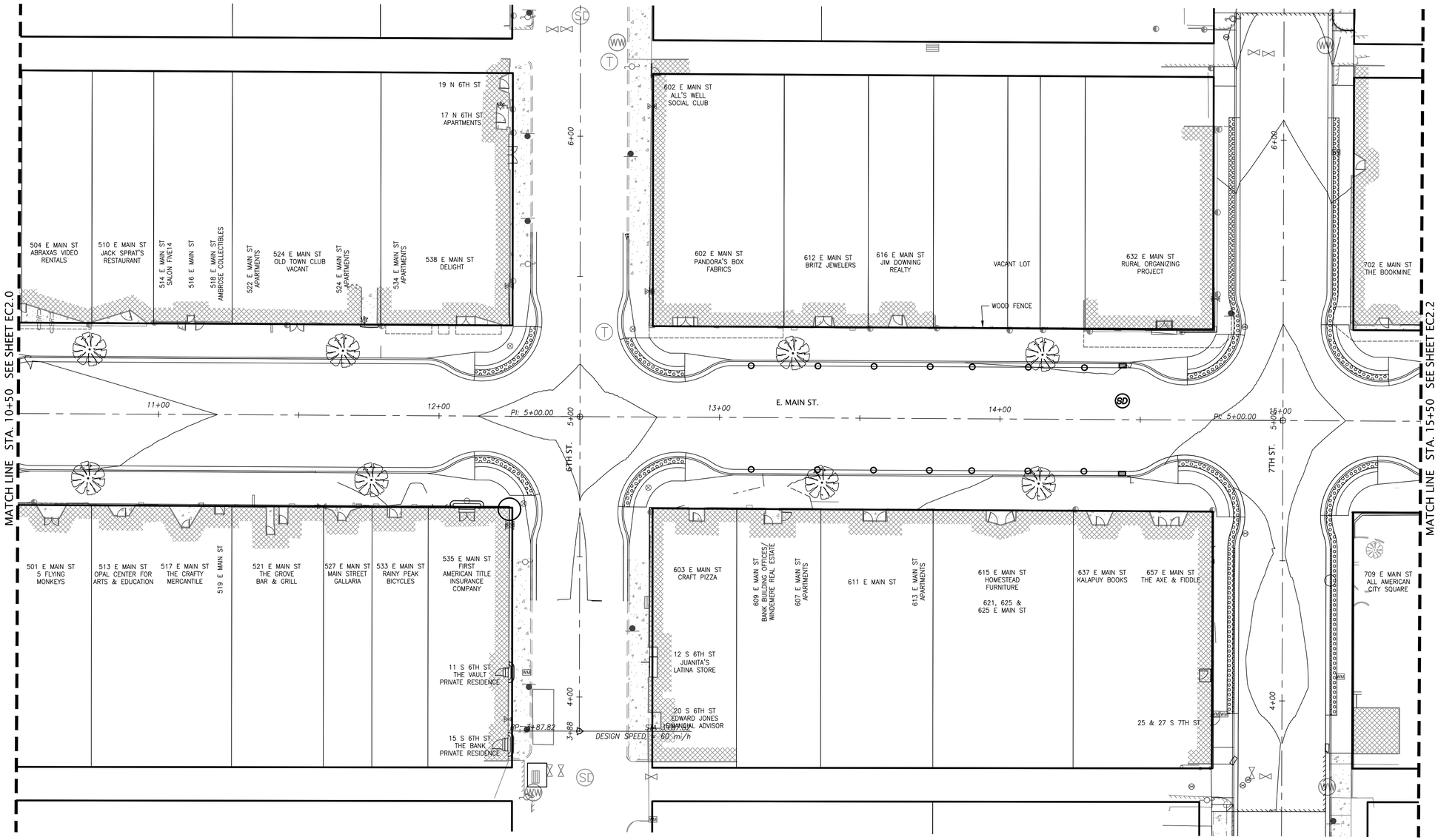
ARS	DG	3/8/2024	22-001H



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PUBLIC IMPROVEMENTS

EROSION CONTROL
SITE PLAN
MAIN ST, 6TH ST. AND 7TH ST.

Sheet No. EC2.1

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ARS	DG	3/8/2024	22-001H

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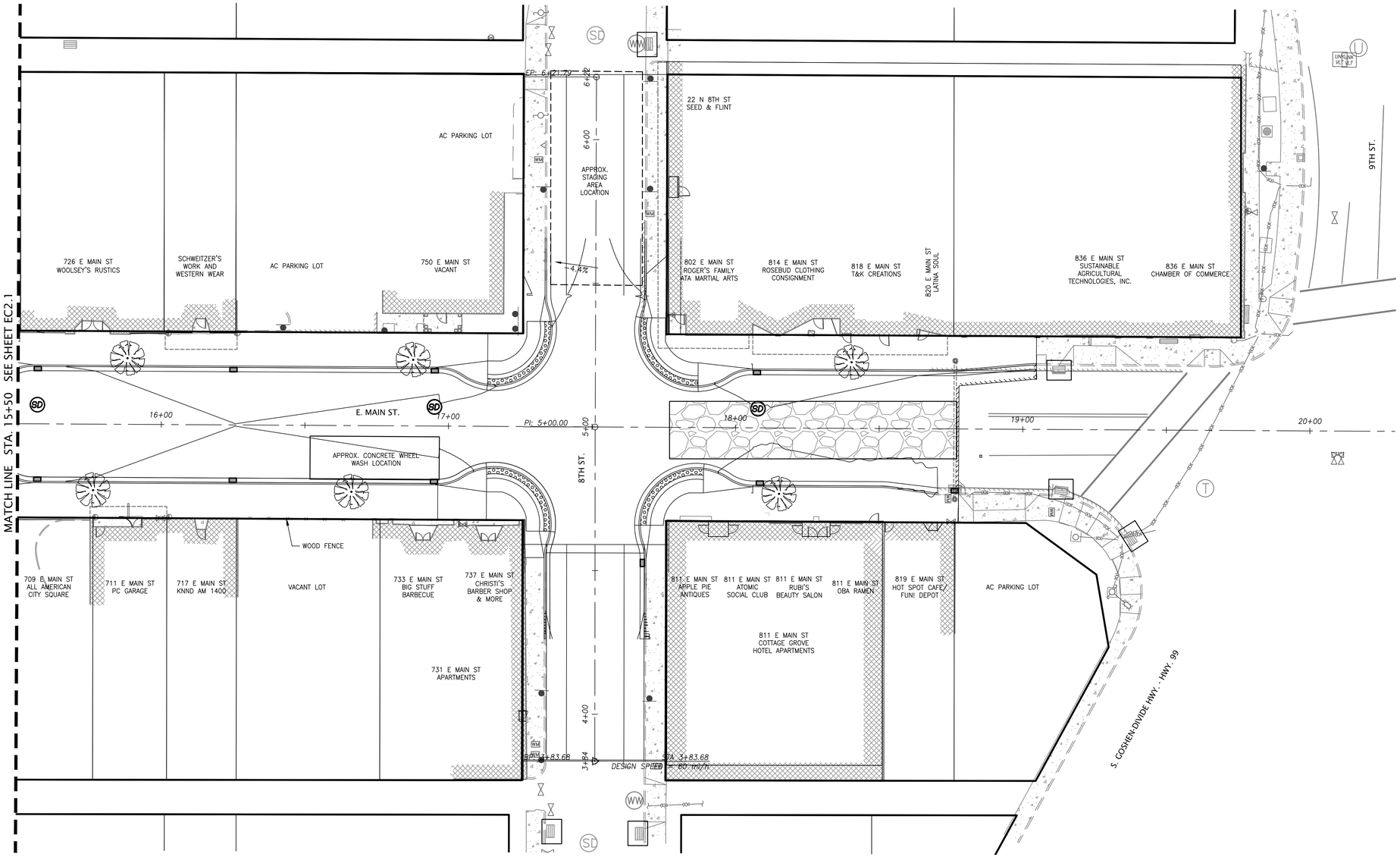

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E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

EROSION CONTROL
SITE PLAN
MAIN ST. AND 8TH ST.

Sheet No. **E1.2**

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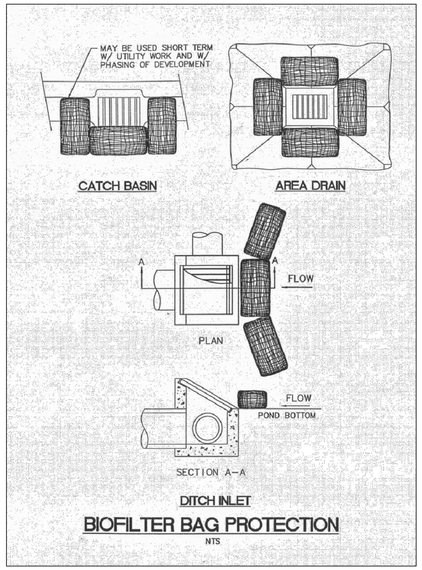
ARS	DG	3/8/2024	22-001H



BIOFILTER BAG PROTECTION

NTS

REVISIONS NO.	DATE	BY	DESIGN: ENG. DEPT
			DRAWN: CDN
			CHECKED:
			APPROVED BY:
			CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE

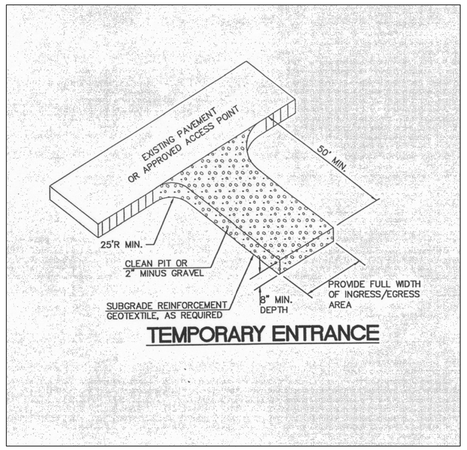
BIOFILTER BAG PLACEMENT

NO. **700**

ADOPTED

DATE:

SHEET OF



TEMPORARY ENTRANCE

REVISIONS NO.	DATE	BY	DESIGN: ENG. DEPT
			DRAWN: CDN
			CHECKED:
			APPROVED BY:
			CITY ENGINEER
			DATE:

CITY OF COTTAGE GROVE

TEMPORARY GRAVEL ENTRANCE

NO. **702**

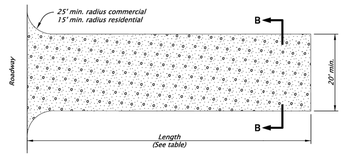
ADOPTED

DATE:

SHEET OF

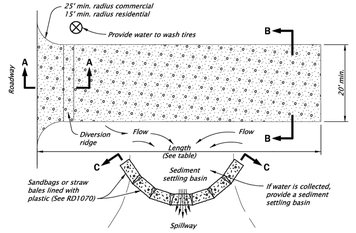
20-JAN-2021

RD1000.dgn



CONSTRUCTION ENTRANCE - TYPE 1

NOT TO SCALE



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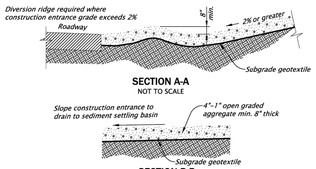
NOT TO SCALE

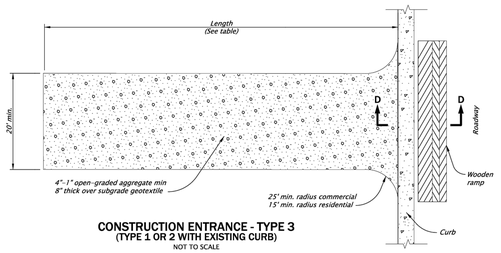


SECTION A-A

NOT TO SCALE

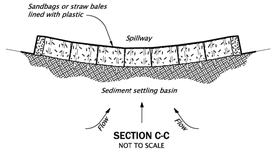
SECTION B-B

NOT TO SCALE



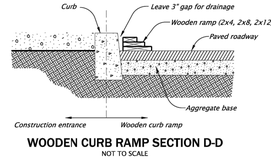
CONSTRUCTION ENTRANCE - TYPE 3
(TYPE 1 OR 2 WITH EXISTING CURB)

NOT TO SCALE



SECTION C-C

NOT TO SCALE



WOODEN CURB RAMP SECTION D-D

NOT TO SCALE

NOTES:
1. The Type 1 entrance is a simple entrance without a diversion ridge or settling basin.
2. The wooden ramp may be used on either Type 1 or Type 2 entrances in situations where there is curb and the curb is not removed for the construction entrance.

CONSTRUCTION ENTRANCE TABLE
MINIMUM LENGTH

Length (FT)	Area Of Exposed Soil (Acre)
20	0.25
50	0.25 < A < 1.0
100	A > 1.0

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

OREGON STANDARD DRAWINGS

CONSTRUCTION ENTRANCES

2021

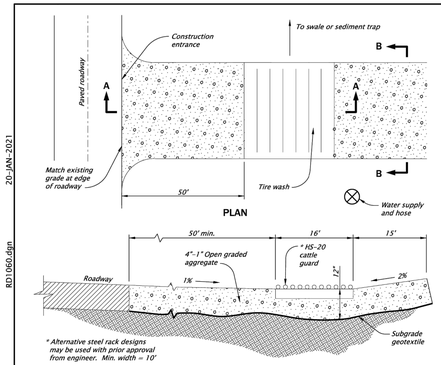
DATE	REVISION DESCRIPTION
01-2021	REMOVED CALC BOOK NUMBERS

CALC BOOK NO. N/A | SDR DATE 20-JAN-2021 | **RD1000**

Effective Date: June 1, 2023 – November 30, 2023

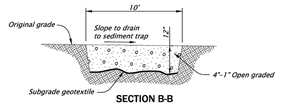
20-JAN-2021

RD1060.dgn



PLAN

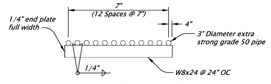
SECTION A-A



SECTION B-B

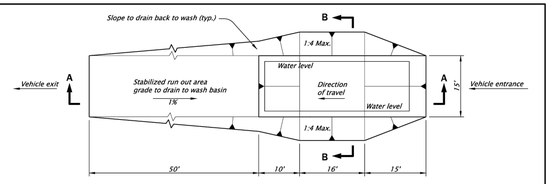
TIRE WASH - TYPE 1 (MANUAL HOSE WASH)

NOT TO SCALE

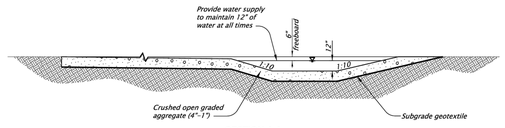


HS-20 CATTLE GUARD

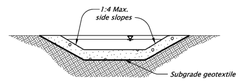
NOT TO SCALE



PLAN



SECTION A-A



SECTION B-B

TIRE WASH - TYPE 2

NOT TO SCALE

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OREGON STANDARD DRAWINGS

TIRE WASH FACILITY TYPE 1 AND 2

2021

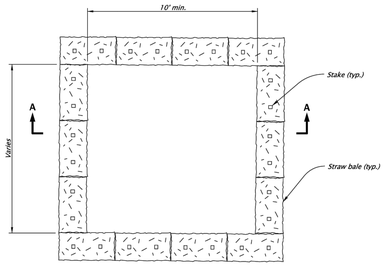
DATE	REVISION DESCRIPTION
01–2021	REMOVED CALC BOOK NUMBERS

CALC BOOK NO. N/A | SDR DATE 20-JAN-2021 | **RD1060**

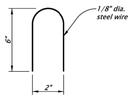
Effective Date: June 1, 2023 – November 30, 2023

20-JAN-2021

RD1070.dgn

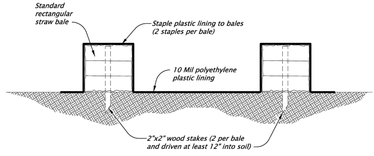


PLAN



STAPLE DETAIL

NOT TO SCALE



SECTION A-A

CONCRETE TRUCK WASH OUT FACILITY

NOT TO SCALE

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

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

OREGON STANDARD DRAWINGS

CONCRETE TRUCK WASH OUT

2021

DATE	REVISION DESCRIPTION

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

Effective Date: June 1, 2023 – November 30, 2023

PRELIMINARY

NOT FOR CONSTRUCTION

50% DESIGN DRAWINGS

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REVISIONS:

No.	DESCRIPTION	DATE

E. MAIN STREET REVITALIZATION PROJ.

PUBLIC IMPROVEMENTS

EROSION CONTROL DETAILS

Sheet No. **EC3.0**

DRAWN BY:	CHECKED BY:	DATE:
ARS	DG	3/8/2024

JOB No. 22-001H

Z:\2022\22-001H Cottage Grove Main St\Drawings\PEP\Production Drawings\22-001H Pub_DETAILS.dwg 3/8/2024 12:42 PM AMANDA