CITY OF WEST LINN, OREGON
2014 SEWER REHABILITATION PROJECT
PW-13-12

SHEET INDEX		
SHEET NO.	SHEET TITLE	APPROXIMATE LINEAR PIPE FOOTAGE OF CIPP
G1	COVER SHEET	-
G2	GENERAL NOTES	-
G3	MAP INDEX	Total 18,561 ft
G4	ZONE 6: CARRIAGE WAY, WILDWOOD DR, DERBY CT	779 ft
G5	ZONE 6: WILDWOOD DR, WILDWOOD PL	2,508 ft
G6	ZONE 6: KANTARA WAY, WALLING CIRCLE, WILLAMETTE DR (HWY 43)	2,632 ft
G7	ZONE 6: WILLAMETTE DR (HWY 43)	358 ft
G8	ZONE 7: WILDWOOD DR, HIDDEN SPRINGS RD, AUTUMN VIEW CT, COTTONWOOD CT	3,763 ft
G9	ZONE 7: WILDWOOD DR, OAK TREE CT, HIDDEN SPRINGS RD, TOP VIEW CT	2,362 ft
G10	ZONE 7: WILDERNESS DR, FOREST CT, HIDDEN SPRINGS RD	2,832 ft
G11	ZONE 7: HIDDEN SPRINGS RD, WILLAMETTE DR (HWY 43)	3,327 ft

LOCATION MAP
NOT TO SCALE

LEGEND

- MANHOLE
- CLEAN OUT
- SEWER MAINS INSIDE ZONE 6 OR 7
- CIPP MAIN INSTALLATION
- SEWER MAINS OUTSIDE ZONE 6 OR 7
- ZONE 6 OUTLINE
- ZONE 7 OUTLINE
- 2-FOOT CONTOURS
- 1234 TAXLOT LINES
- KNOWN EASEMENTS
- BUILDINGS

GENERAL NOTE

All construction shall be in accordance with DEQ, Oregon State Health Department, and the City of West Linn Public Works Standard Construction Specifications, as applicable.

GIS BASE MAP INFORMATION

Data Source: West Linn GIS
OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary date and information sources to ascertain the usability of the information.

811 Know what's below. Call before you dig.

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 (503) 232-1987).

CITY OF WEST LINN
22500 SALAMO ROAD
WEST LINN, OREGON 97068
WWW.WESTLINNOREGON.GOV
PHONE: (503) 722-5500
FAX: (503) 656-4106

REGISTERED PROFESSIONAL ENGINEER 87272PE OREGON DEC 31, 2015 LANCE E. CALVERT

CONTRACTOR
NAME:
ADDRESS:
PHONE:
FAX:

2014 SANITARY SEWER REHABILITATION PROJECT

COVER SHEET

PROJECT NO.: PW-13-12
DESIGNED BY: ELAIS
DRAWN BY: NBRENNAN
CHECKED BY: LCALVERT
DATE: ---

REVISION

DATE	DESCRIPTION

COVER SHEET

G1

GENERAL NOTES:

1. All construction shall be in accordance with DEQ, Oregon State Health Department, and the City of West Linn Public Works Standard Construction Specifications, as applicable.
2. The locations of all existing underground facilities shown on the plans are based on information provided by the City of West Linn and information supplied by utility companies. Locations are not guaranteed to be complete or accurate. The contractor shall verify locations, elevations, type and sizes of all existing utilities prior to constructing new piping/conduits and shall adjust new piping/conduits as required. Contractor shall notify the City Engineer immediately of any conflicts not shown on the plans and shall keep existing utilities in service and protect them during construction, where interruption of existing facilities is required, contractor shall provide 72 hour notice to the City Engineer and the affected utility, contractor shall arrange for the relocation of any in conflict with the proposed construction.
3. The contractor shall dispose of all removed or replaced material and equipment in accordance with all applicable regulations, except those items designated by the owner for salvaging, salvaged items shall remain the property of the owner, and shall be carefully removed and stored as directed.
4. Contractor to leave all areas of project free of debris and unused construction material.
5. Any alteration or variance from these plans, except minor field adjustment needed to meet existing field conditions, shall first be approved by the City Engineer. Any alterations or variance from these plans shall be documented on construction field prints and transmitted to the City Engineer. Any proposed changes in construction plans must be submitted in writing and approved by the City Engineer prior to commencing work.
6. Contractor shall keep and maintain a current set of drawings on site. Contractor to keep accurate "as-built" record copy of plans. "as-built" plans to be returned to the City Engineer at completion of Project.
7. A pre-construction meeting with the City and the contractor is required prior to the start of construction.
8. The City Engineer shall be supplied with material certifications for all materials used on public infrastructure.
9. Contractor shall obtain all necessary local, county, state, and utility construction permits, and shall contact each permitting agency at least two (2) business days prior to starting work. Contractor shall obtain all required licenses before starting construction.
10. The contractor shall comply with all requirements of ORS 757.542 to 757.562. The contractor shall notify each underground utility at least 48 business-day hours, but not more than 10 business days, prior to excavating, boring, or potholing.
11. No additional payment shall be made for utility relocation coordination or delays caused by utility conflicts. All costs related to utility coordination and relocation, including additional potholing are to be considered incidental and included in the unit prices of the bid.

SEWER CIPP NOTES:

1. Do not CIPP any sewer main less than 8-inch in diameter.
2. Do not CIPP any sewer main that does not begin or terminate in a manhole.
3. All sewer mains are 8-inch in diameter unless otherwise designated on plans.

12. 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, unless otherwise required by the City Engineer.
13. Contractor shall install and maintain erosion and sedimentation control during construction (any time of year) per the requirements of the City of West Linn, Clackamas County and the Oregon DEQ.
14. All construction and materials shall conform to the plans and project specifications.
15. Contractor shall notify the residents at each address a minimum of 48 hours in advance to commencement of work and again immediately prior to the disruption of their service.
16. Contractor shall notify the City Engineer and owner 48 hours before starting construction, and 24 hours before resuming work after shutdowns except for normal resumption of work following Saturdays, Sundays, or holidays. Contractor shall notify the owner's representative a minimum of 48 hours prior to any testing or required inspection.
17. Contractor shall protect all property corners, survey monuments and control points. Survey monuments of this type disturbed during construction shall be replaced at contractor's expense, with appropriate surveys filed with the County Surveyor.
18. All structures, lots, swales, ditches, curbs, speed bumps, fences, walls, mailboxes, landscaping, signs, poles, guy wires, piping, and utilities disturbed during construction to be restored to existing condition unless otherwise specified. Such repair shall be considered incidental.
19. Contractor shall protect traffic at all times during construction. All traffic control measures shall be approved by City, County and State as required and in place prior to any construction activities. All temporary traffic control shall conform to the ODOT Temporary Traffic Control Handbook and MUTCD. The contractor shall provide traffic control plans to the City Engineer prior to commencing any work within the public right-of-way. See special provisions section in the technical specifications for details.
20. When portions of the work are within easements held by the City on private property, the Contractor shall ascertain for itself to what extent the width, status and special conditions attached to easements may have on its operations and all costs resulting there from shall be included and absorbed in the unit prices of the Contractor's bid. Contractor shall coordinate with private property owners and businesses if required.
21. Bridges at entrances to business properties where vehicular traffic is necessary shall be provided and maintained. Bridges shall be adequate in width and strength for the service required. No private road or driveway may be closed without approval of the City Engineer unless written authority has been given by the owner whose property has been affected. Driveways shall be left open and ready for use at the end of the work shift. All expenses involved in providing for construction, maintenance, and use of private roads or driveways, shall be considered incidental.
22. Working hours: 7:00 AM - 7:00 PM Monday - Friday
    9:00 AM - 5:00 PM Saturday, Sunday and Holidays

City of West Linn

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WEST LINN, OREGON 97068
WWW.WESTLINNOREGON.GOV
PHONE: (503) 722-5500
FAX: (503) 656-4106

CONTRACTOR

NAME:
ADDRESS:

PHONE:
FAX:

2014 SANITARY SEWER REHABILITATION PROJECT

GENERAL NOTES

PROJECT NO.:	PW-13-12
DESIGNED BY:	ELAIS
DRAWN BY:	NBRENNAN
CHECKED BY:	LCALVERT
DATE:	---

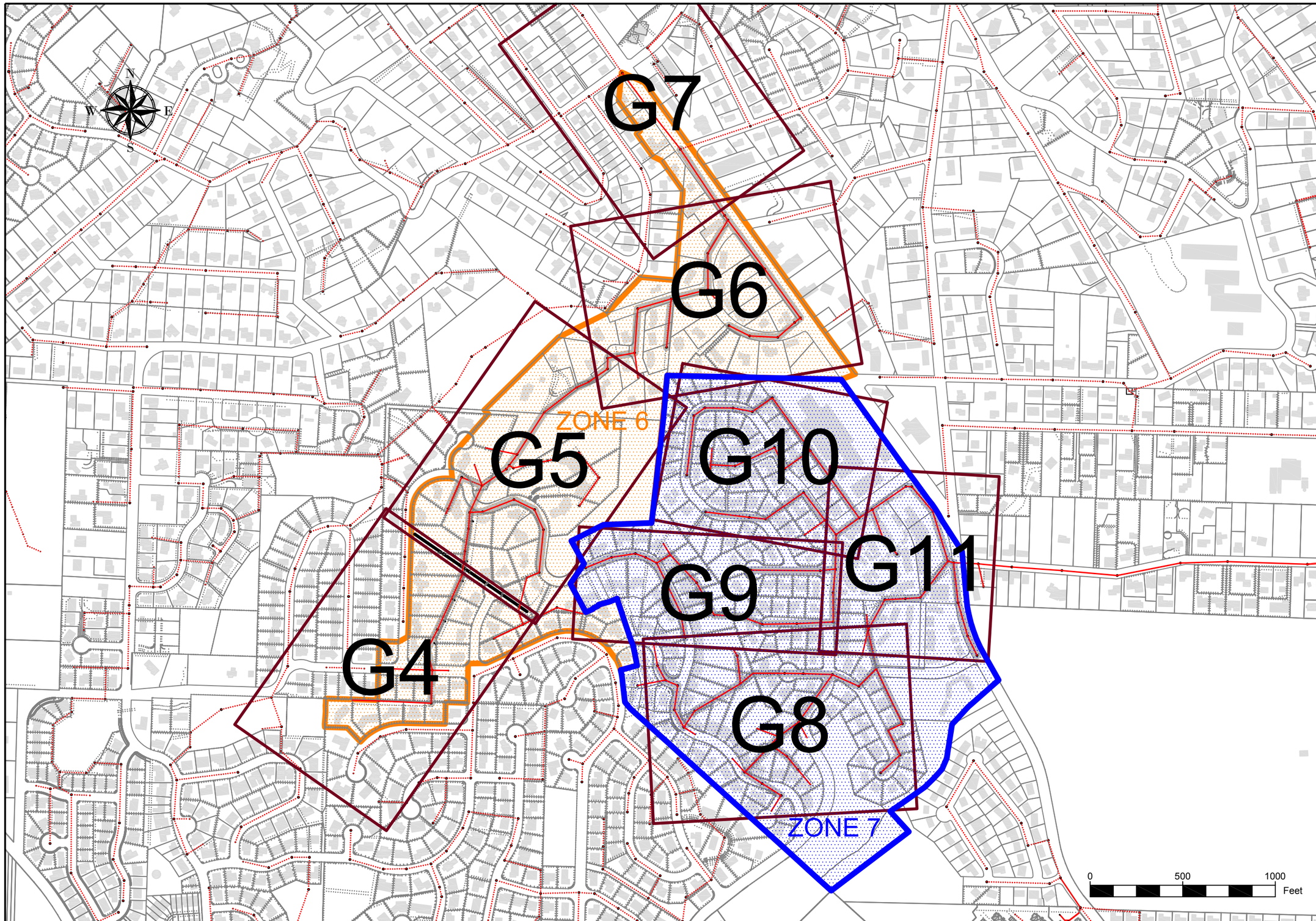
REVISION

DATE	DESCRIPTION

GENERAL NOTES

SCALE:

G2



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REGISTERED PROFESSIONAL ENGINEER
87272PE
OREGON
DEC 31, 2015
LANCE E. CALVERT

CONTRACTOR

NAME:
ADDRESS:

PHONE:
FAX:

2014 SANITARY SEWER REHABILITATION PROJECT

MAP INDEX

PROJECT NO.: PW-13-12
DESIGNED BY: ELAIS
DRAWN BY: NBRENNAN

CHECKED BY: LCALVERT
DATE: ---

REVISION

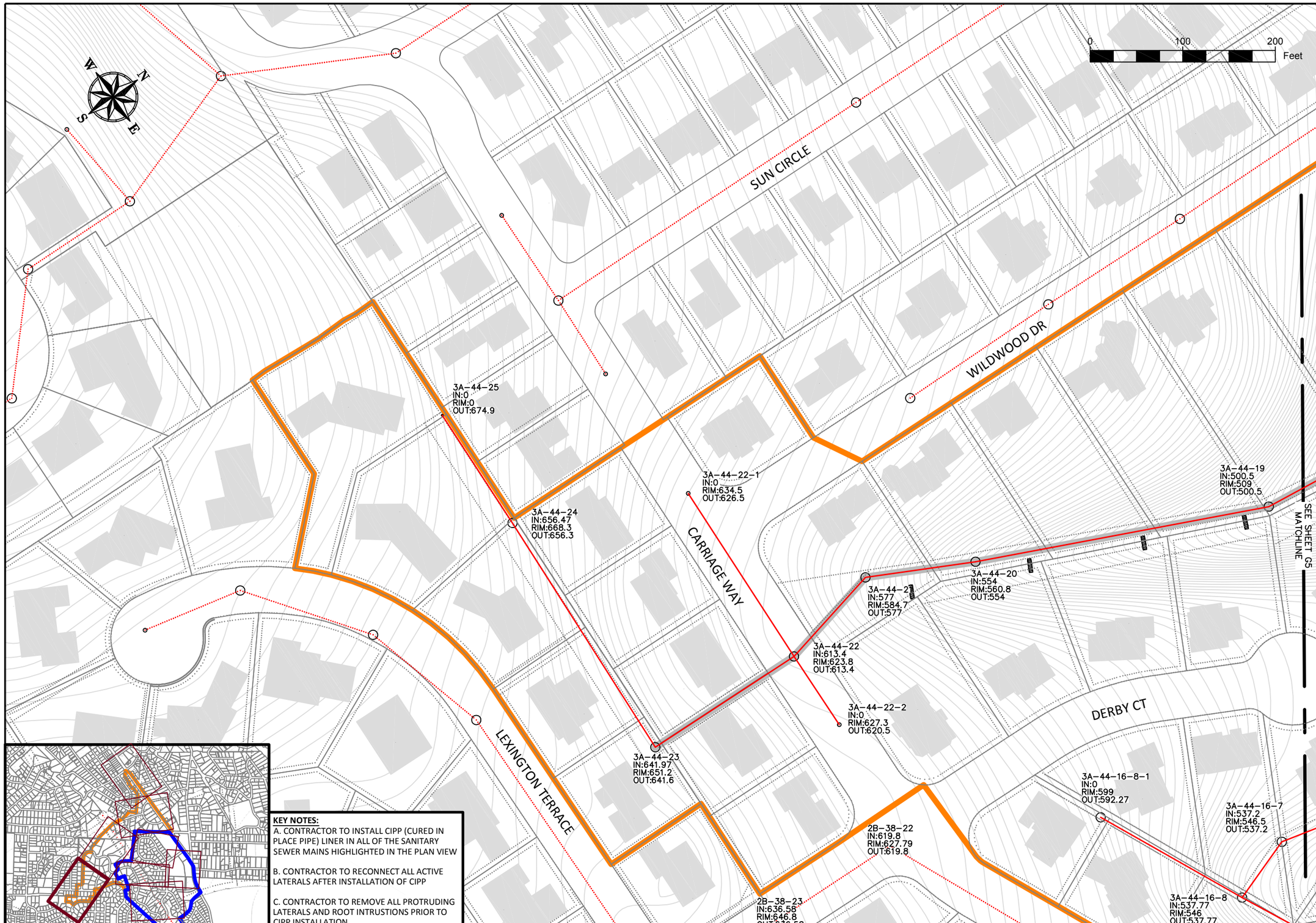
DATE	DESCRIPTION

MAP INDEX

SCALE: AS SHOWN

G3

SHEET 3 OF 11



KEY NOTES:

A. CONTRACTOR TO INSTALL CIPP (CURED IN PLACE PIPE) LINER IN ALL OF THE SANITARY SEWER MAINS HIGHLIGHTED IN THE PLAN VIEW

B. CONTRACTOR TO RECONNECT ALL ACTIVE LATERALS AFTER INSTALLATION OF CIPP

C. CONTRACTOR TO REMOVE ALL PROTRUDING LATERALS AND ROOT INTRUSTIONS PRIOR TO CIPP INSTALLATION

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87272PE
OREGON
DEC 31, 2015
LANCE E. CALVERT

CONTRACTOR

NAME:
ADDRESS:

PHONE:
FAX:

2014 SANITARY SEWER REHABILITATION PROJECT

ZONE 6: CARRIAGE WAY, WILDWOOD DR, DERBY CT

PROJECT NO.: PW-13-12
DESIGNED BY: ELAIS
DRAWN BY: NBRENNAN

CHECKED BY: LCALVERT
DATE: ---

REVISION

DATE	DESCRIPTION

ZONE 6

SCALE: AS SHOWN

G4

SHEET 4 OF 11

KEY NOTES:

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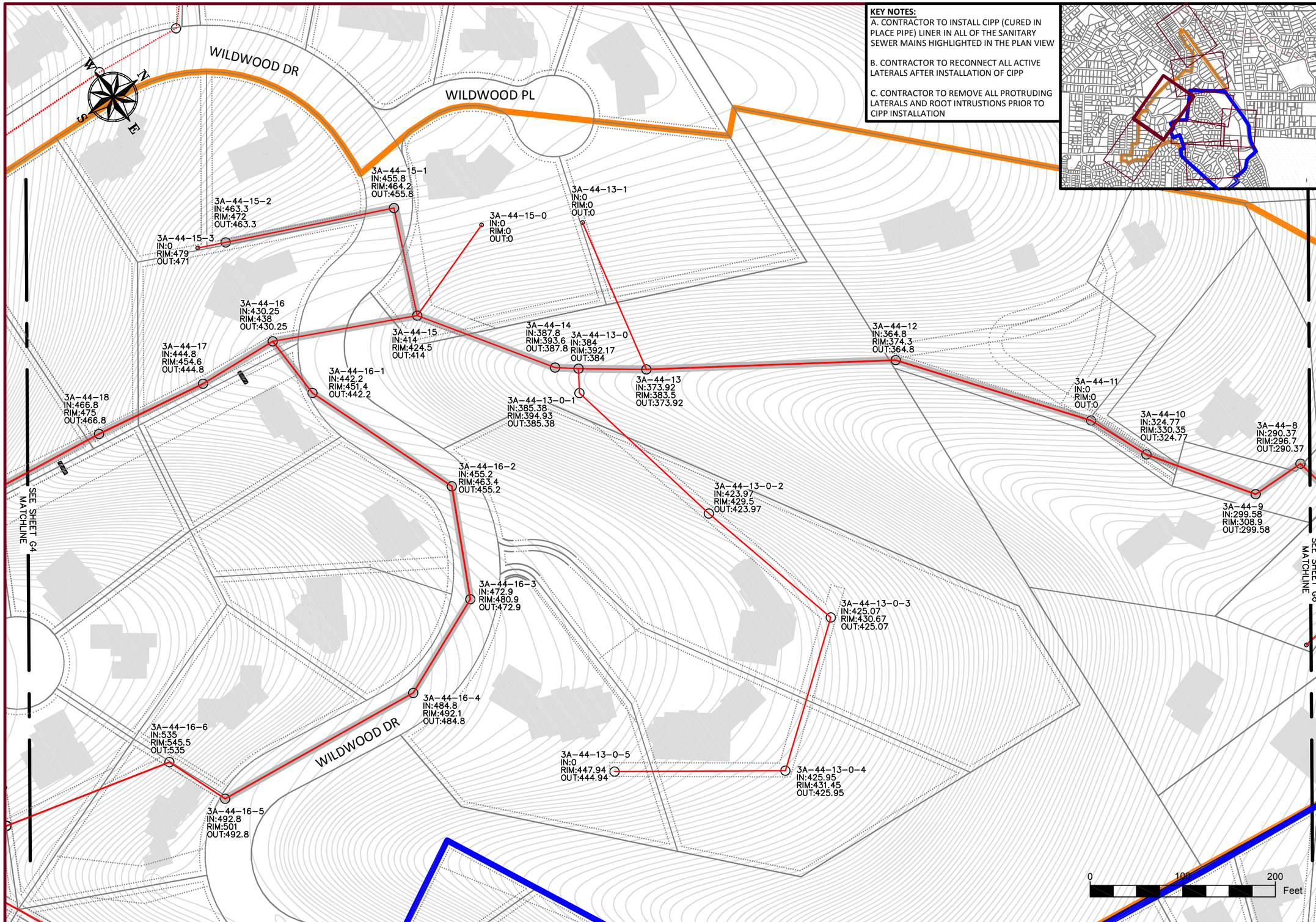

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REGISTERED PROFESSIONAL ENGINEER 87273PE OREGON DEC 31, 2015 LANCE E. CALVERT

CONTRACTOR

NAME:
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FAX:

2014 SANITARY SEWER REHABILITATION PROJECT

ZONE 6: WILDWOOD DR, WILDWOOD PL

PROJECT NO.: PW-13-12
DESIGNED BY: ELAIS
DRAWN BY: NBRENNAN

CHECKED BY: LCALVERT
DATE: ---

REVISION

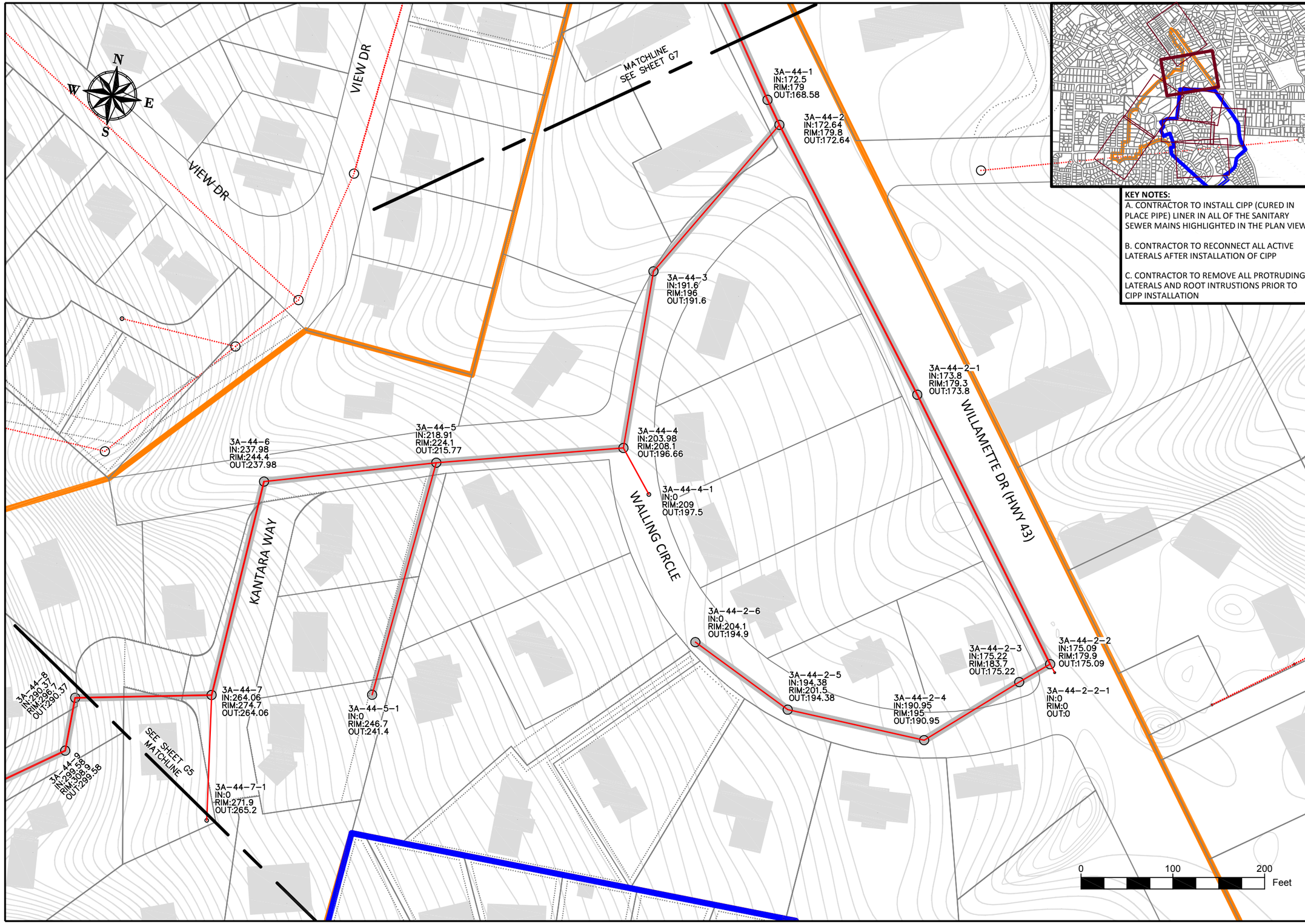
DATE	DESCRIPTION

ZONE 6

SCALE: AS SHOWN

G5

SHEET 5 OF 11



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OREGON
DEC 31, 2015
LANCE E. CALVERT

CONTRACTOR

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ADDRESS:

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2014 SANITARY SEWER REHABILITATION PROJECT

ZONE 6: KANTARA WAY, WALLING CIRCLE, WILLAMETTE DR (HWY 43)

PROJECT NO.: PW-13-12
DESIGNED BY: ELAIS
DRAWN BY: NBRENNAN

CHECKED BY: LCALVERT
DATE: ---

REVISION

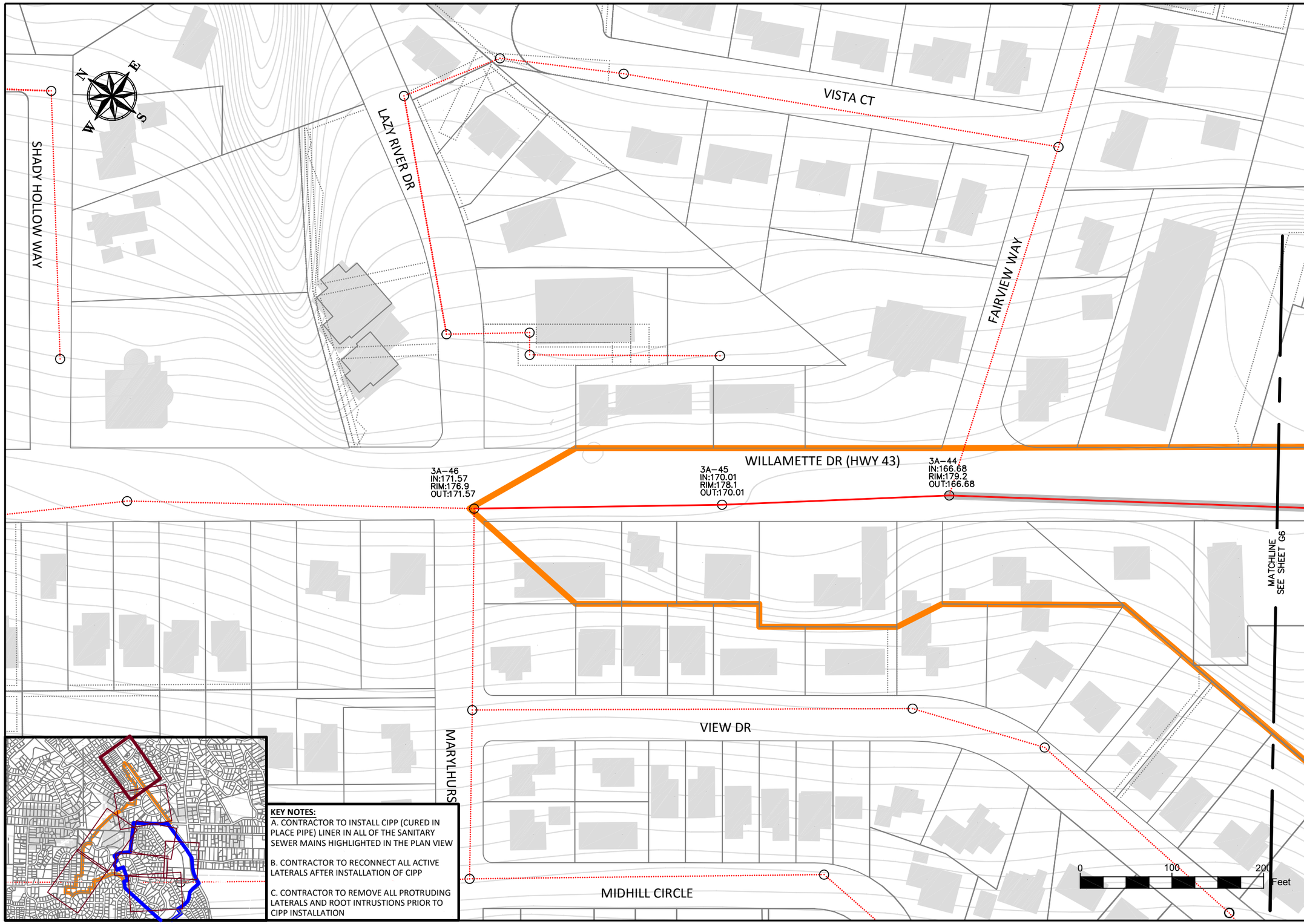
DATE	DESCRIPTION

ZONE 6

SCALE: AS SHOWN

G6

SHEET 6 OF 11



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2014 SANITARY SEWER REHABILITATION PROJECT

ZONE 6: WILLAMETTE DR (HWY 43)

PROJECT NO.: PW-13-12
DESIGNED BY: ELAIS
DRAWN BY: NBRENNAN

CHECKED BY: LCALVERT
DATE: ---

REVISION

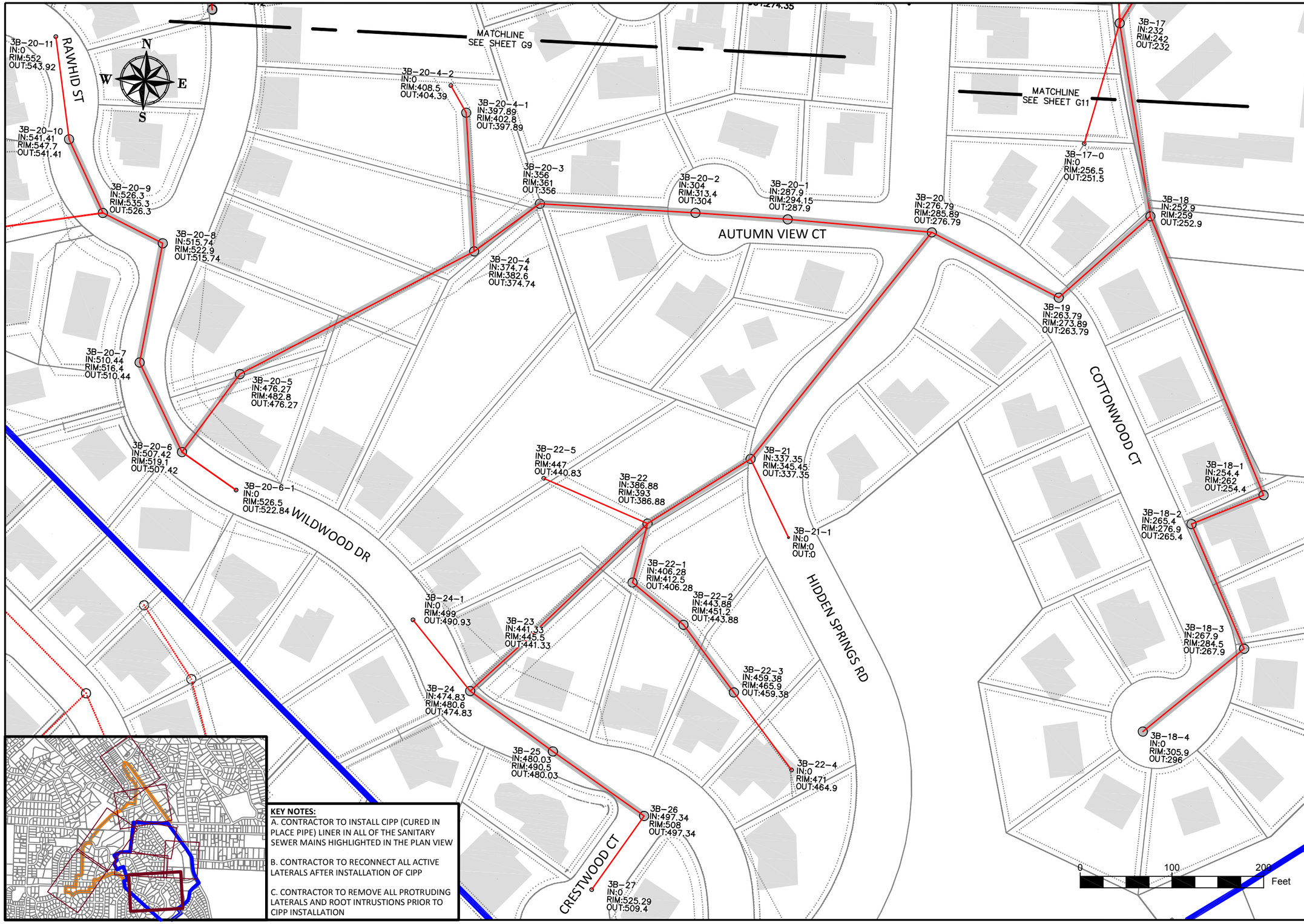
DATE	DESCRIPTION

ZONE 6

SCALE: AS SHOWN

G7

SHEET 7 OF 11



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WEST LINN, OREGON 97068
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PHONE: (503) 722-5500
FAX: (503) 656-4106

REGISTERED PROFESSIONAL ENGINEER 87272PE OREGON DEC 31, 2015 LANCE E. CALVERT

CONTRACTOR

NAME:
ADDRESS:

PHONE:
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2014 SANITARY SEWER REHABILITATION PROJECT

ZONE 7: WILDWOOD DR, HIDDEN SPRINGS RD, AUTUMN VIEW CT, COTTONWOOD CT

PROJECT NO.: PW-13-09
DESIGNED BY: ELAIS
DRAWN BY: NBRENNAN

CHECKED BY: LCALVERT
DATE: ---

REVISION

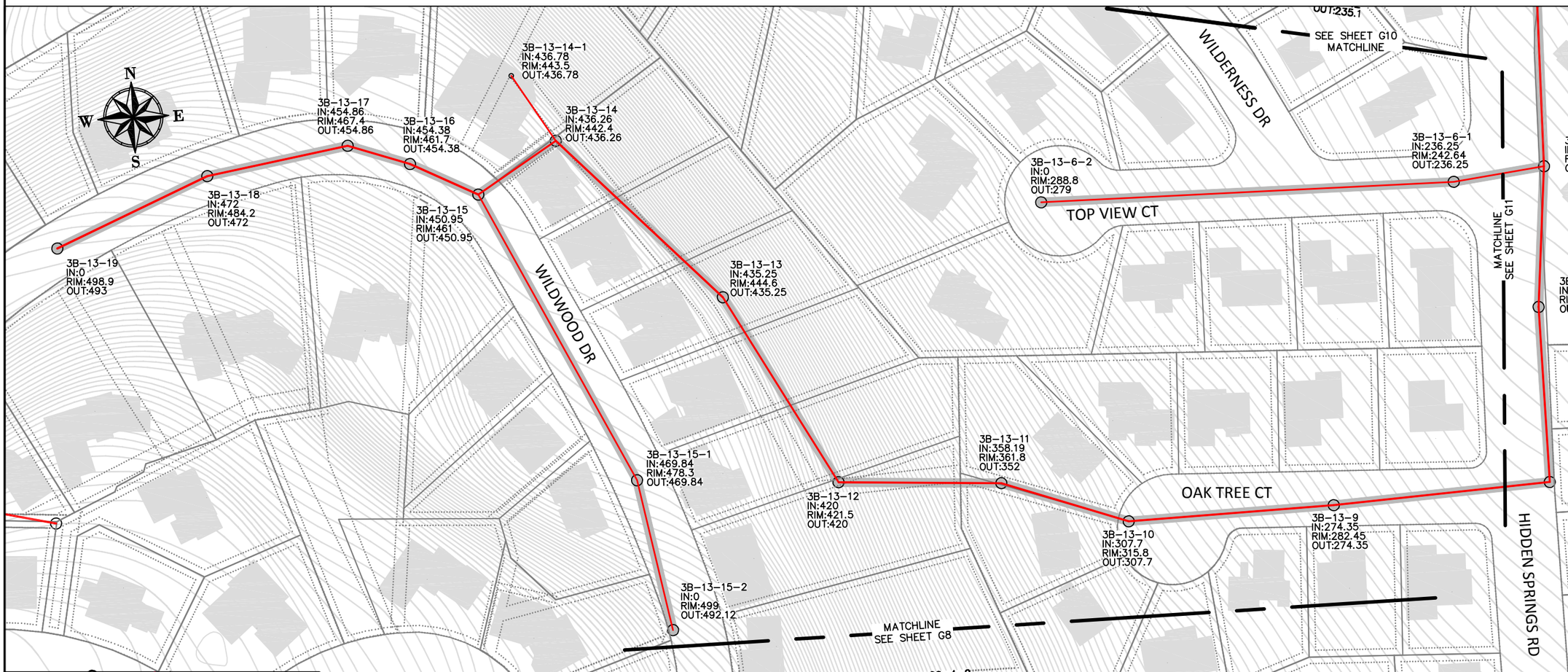
DATE	DESCRIPTION

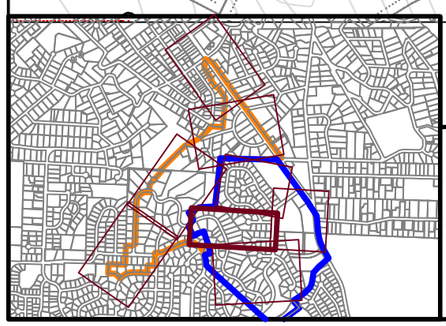
ZONE 7

SCALE: AS SHOWN

G8

SHEET 8 OF 11





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0 100 200 Feet

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NAME:
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2014 SANITARY SEWER REHABILITATION PROJECT

ZONE 7: WILDWOOD DR, OAK TREE CT, HIDDEN SPRINGS RD, TOP VIEW CT

PROJECT NO.: PW-13-12
DESIGNED BY: ELAIS
DRAWN BY: NBRENNAN

CHECKED BY: LCALVERT
DATE: ---

REVISION

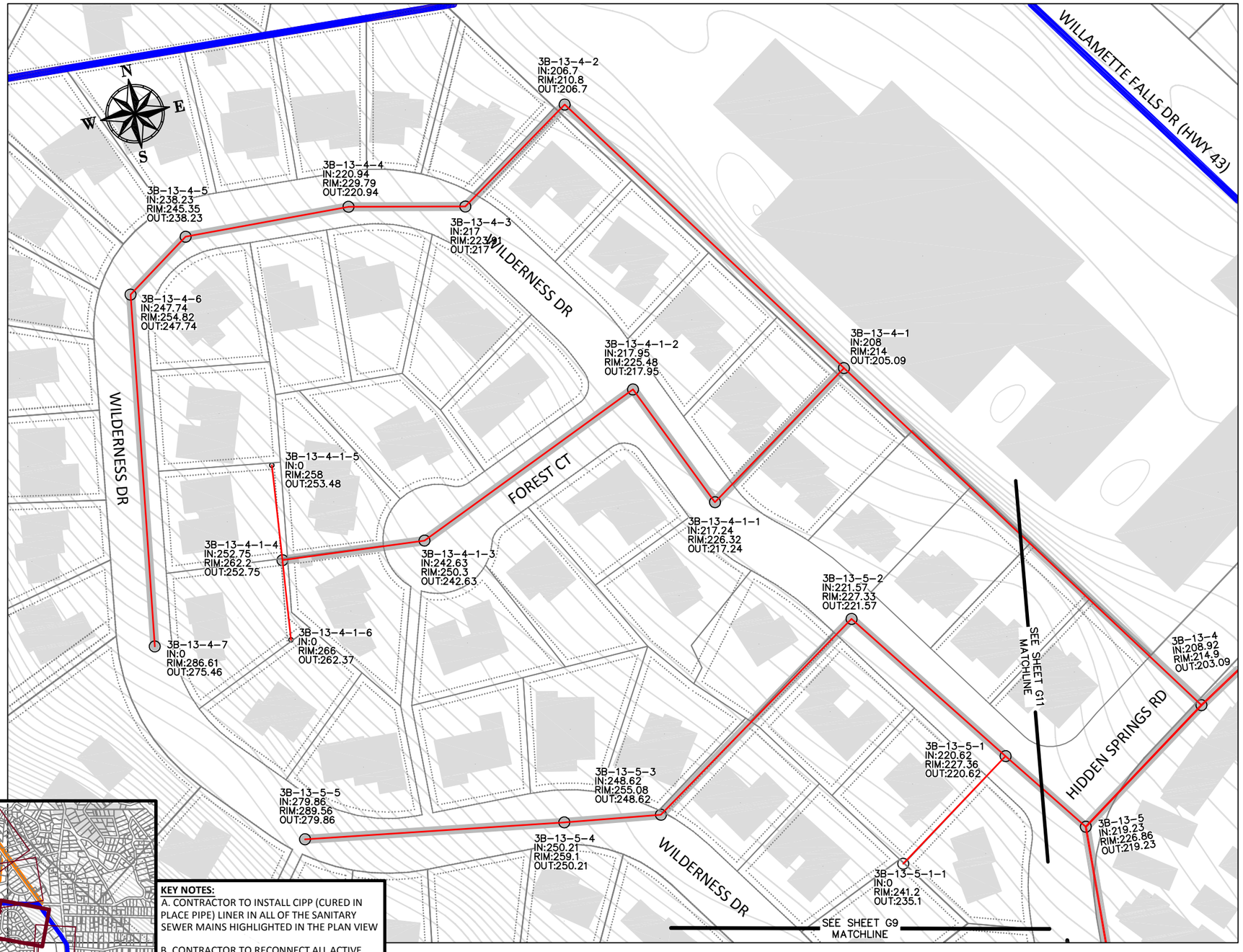
DATE	DESCRIPTION

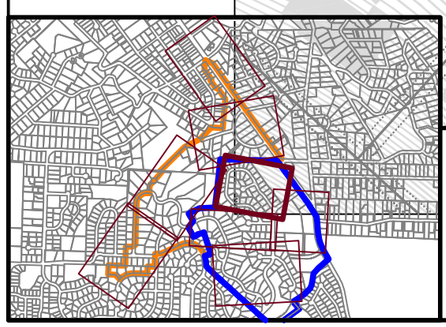
ZONE 7

SCALE: AS SHOWN

G9

SHEET 9 OF 11





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2014 SANITARY SEWER REHABILITATION PROJECT

ZONE 7: WILDERNESS DR, FOREST CT, HIDDEN SPRINGS RD

PROJECT NO.:	PW-13-12
DESIGNED BY:	ELAIS
DRAWN BY:	NBRENNAN
CHECKED BY:	LCALVERT
DATE:	---

REVISION

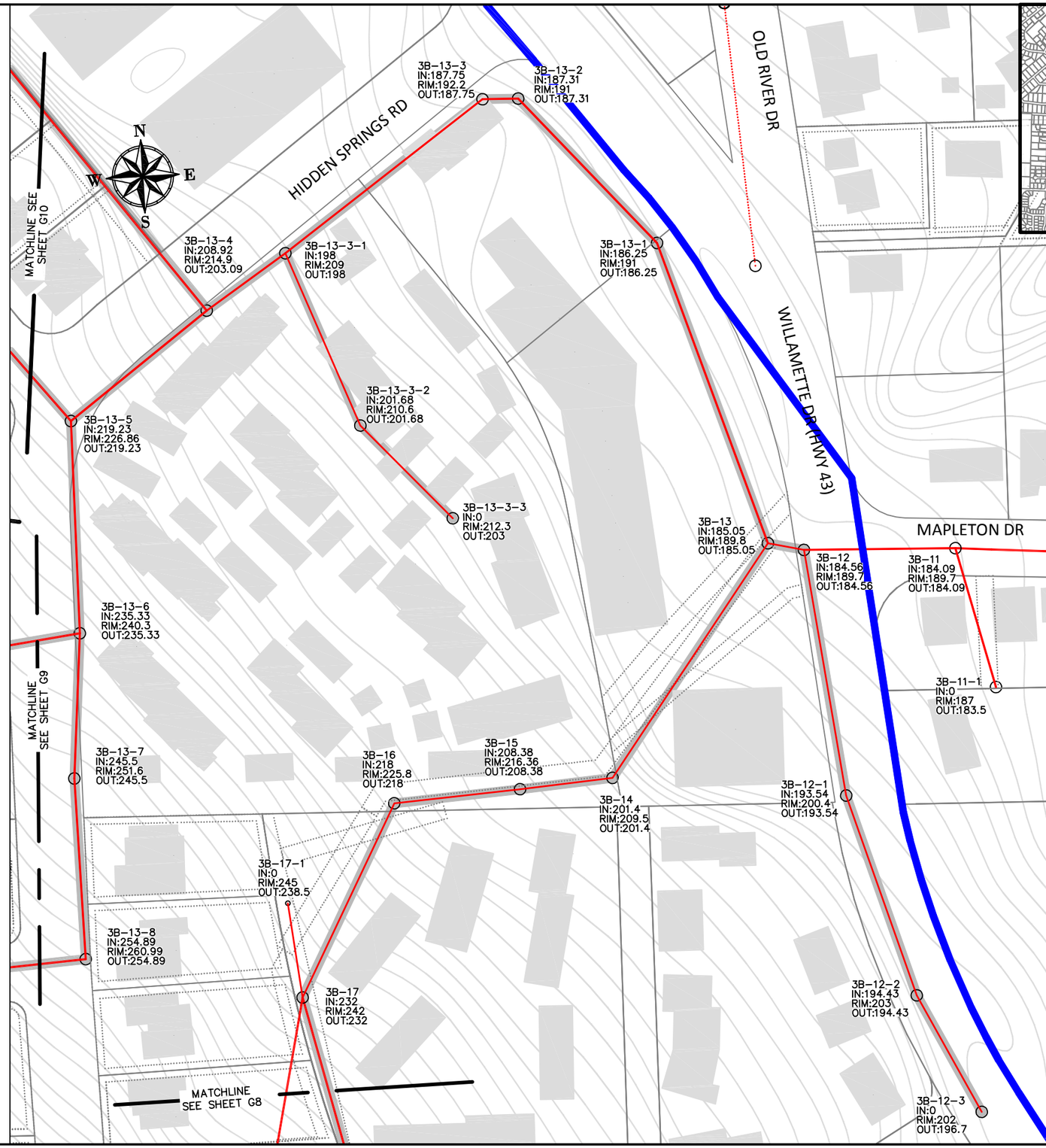
DATE	DESCRIPTION

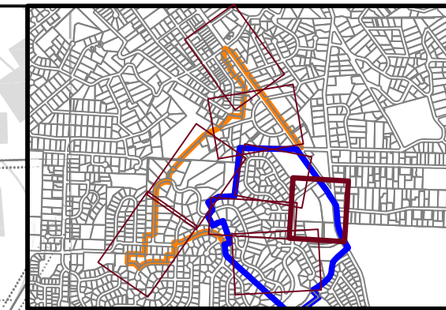
ZONE 7

SCALE: AS SHOWN

G10

SHEET 10 OF 11





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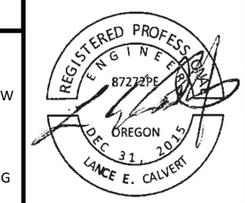

CONTRACTOR

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2014 SANITARY SEWER REHABILITATION PROJECT

ZONE 7: HIDDEN SPRINGS RD, WILLAMETTE DR (HWY 43)

PROJECT NO.: PW-13-12
DESIGNED BY: ELAIS
DRAWN BY: NBRENNAN

CHECKED BY: LCALVERT
DATE: ---

REVISION

DATE	DESCRIPTION

ZONE 7

SCALE: AS SHOWN

G11

SHEET 11 OF 11