



CITY OF
**West
Linn**

CITY OF WEST LINN, OREGON

2015 SEWER REHABILITATION PROJECT PW-14-17



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

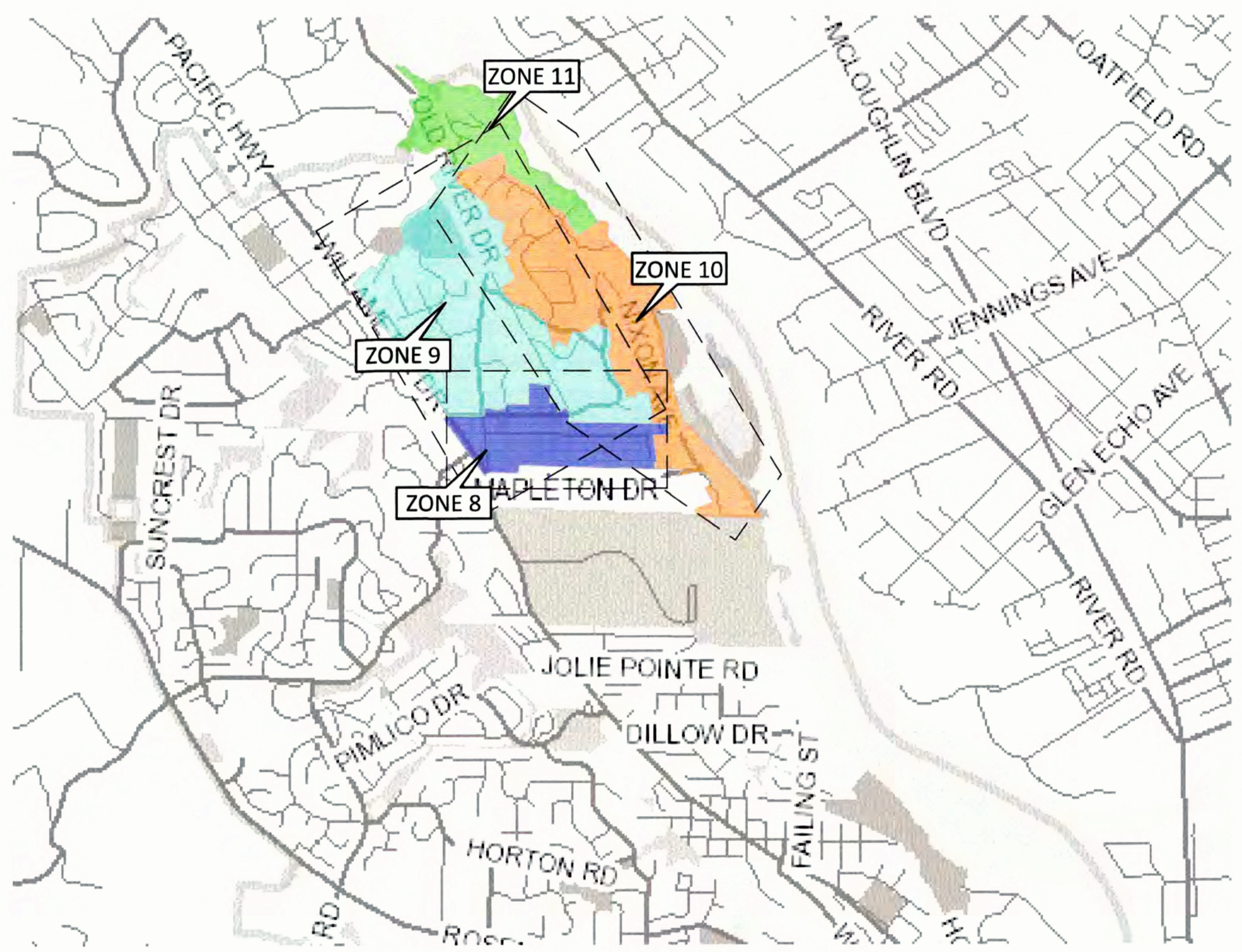


EXPIRES: 12/31/2015

CONTRACTOR
NAME:
ADDRESS:
PHONE:
FAX:

SHEET INDEX		APPROXIMATE LINEAR PIPE FOOTAGE OF CIPP					
		8 in.	10 in.	12 in.	15 in.	18 in.	21 in.
CS	COVER SHEET	-	-	-	-	-	-
G1	ZONE 8	4,388 FT	-	-	-	-	-
G2	ZONE 9	8,929 FT	3,406 FT	351 FT	1,772 FT	-	-
G3	ZONE 10	4,712 FT	-	-	93 FT	3,410 FT	595 FT
G3	ZONE 11	1,618 FT	-	-	-	-	-
	TOTAL	19,647 FT	3,406 FT	351 FT	1,865 FT	3,410 FT	595 FT

LEGEND	
○	MANHOLE
○	CLEAN OUT
—	SEWER MAINS INSIDE ZONE 8,9,10 & 11
—	CIPP MAIN INSTALLATION
—	SEWER MAINS OUTSIDE ZONE 8,9,10 & 11
—	ZONE 8 OUTLINE
—	ZONE 9 OUTLINE
—	ZONE 10 OUTLINE
—	ZONE 11 OUTLINE
—	2-FOOT CONTOURS
1234	TAXLOT LINES
—	KNOWN EASEMENTS
—	BUILDINGS



GENERAL NOTES:

- 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.
- 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.
- 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.
- CONTRACTOR TO LEAVE ALL AREAS OF PROJECT FREE OF DEBRIS AND UNUSED CONSTRUCTION MATERIAL.
- 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.
- 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.
- A PRE-CONSTRUCTION MEETING WITH THE CITY AND THE CONTRACTOR IS REQUIRED PRIOR TO THE START OF CONSTRUCTION.
- THE CITY ENGINEER SHALL BE SUPPLIED WITH MATERIAL CERTIFICATIONS FOR ALL MATERIALS USED ON PUBLIC INFRASTRUCTURE.
- 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.
- 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.
- 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.
- 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.
- 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.

- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE PLANS AND PROJECT SPECIFICATIONS.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- WORKING HOURS: 7:00 AM - 7:00 PM MONDAY - FRIDAY
9:00 AM - 5:00 PM SATURDAY, SUNDAY AND HOLIDAYS

SEWER CIPP NOTES:

- DO NOT CIPP ANY SEWER MAIN LESS THAN 8-INCH IN DIAMETER.
- DO NOT CIPP ANY SEWER MAIN THAT DOES NOT BEGIN OR TERMINATE IN A MANHOLE.
- THE PIPE DIAMETERS SHOWN ON THE PLANS ARE BASED ON CITY GIS AND AS-BUILT RECORDS. DIAMETERS ARE NOT GUARANTEED TO BE ACCURATE. THE CONTRACTOR SHALL VERIFY ALL SIZES PRIOR TO CIPP LINING.

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 data and information sources to ascertain the usability of the information.

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).

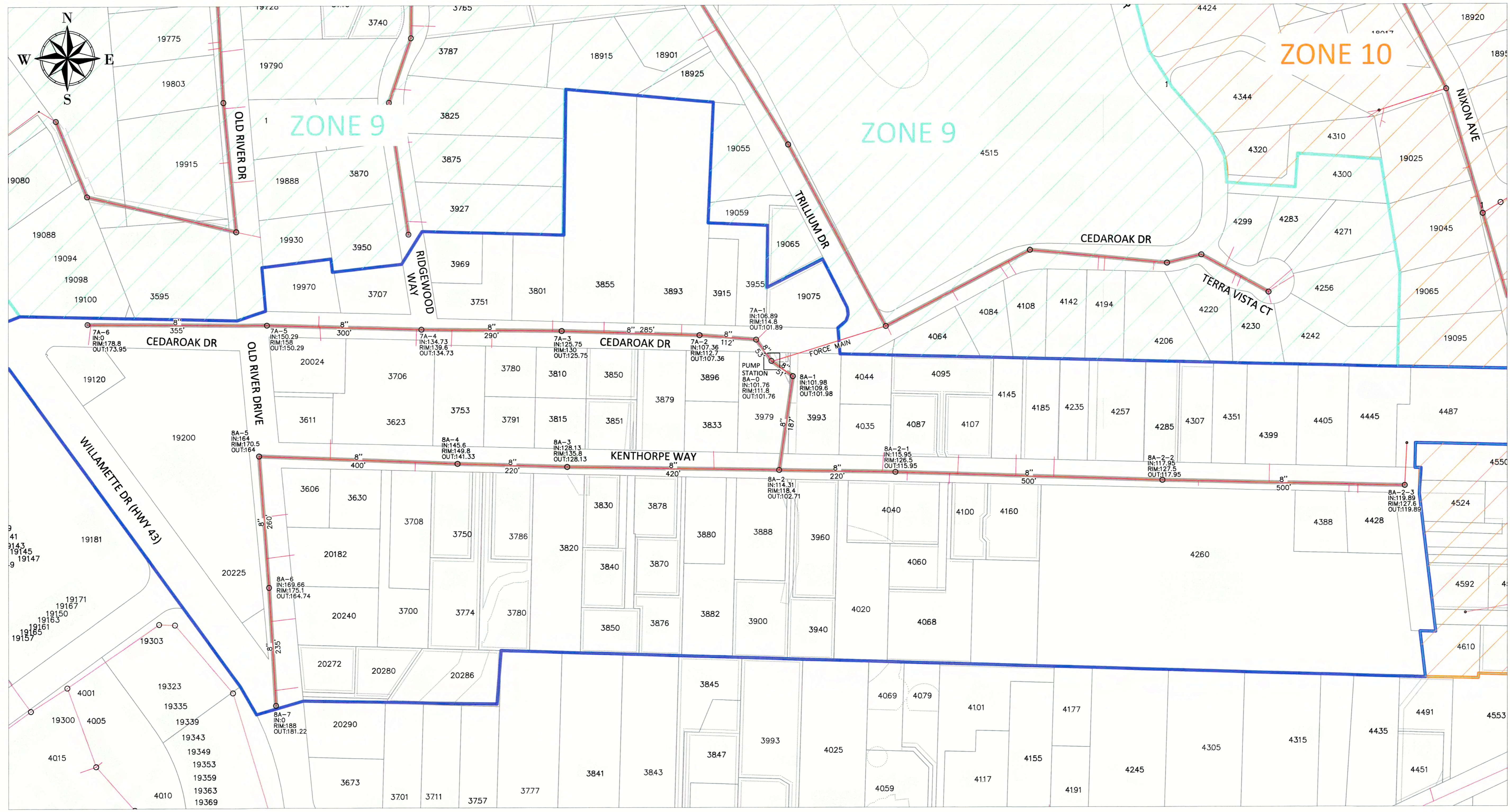


2015 SANITARY SEWER REHABILITATION PROJECT
COVER SHEET

PROJECT NO.: PW-14-17
DESIGNED BY: ELIAS
DRAWN BY: NERENMAN
CHECKED BY: L CALVERT
DATE: ---

REVISION	DATE	DESCRIPTION

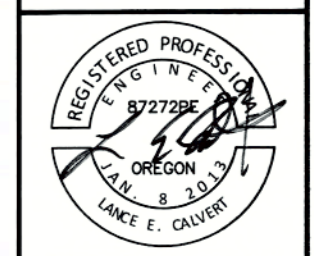
COVER SHEET
CS
SHEET 1 OF 4



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 INTRUSIONS PRIOR TO CIPP INSTALLATION



CITY OF WEST LINN
 2350 SALMON ROAD
 WEST LINN, OREGON 97068
 WWW.WESTLINNOREGON.GOV
 PHONE: (503) 322-5000
 FAX: (503) 656-4106



EXPIRES: 12/31/2015

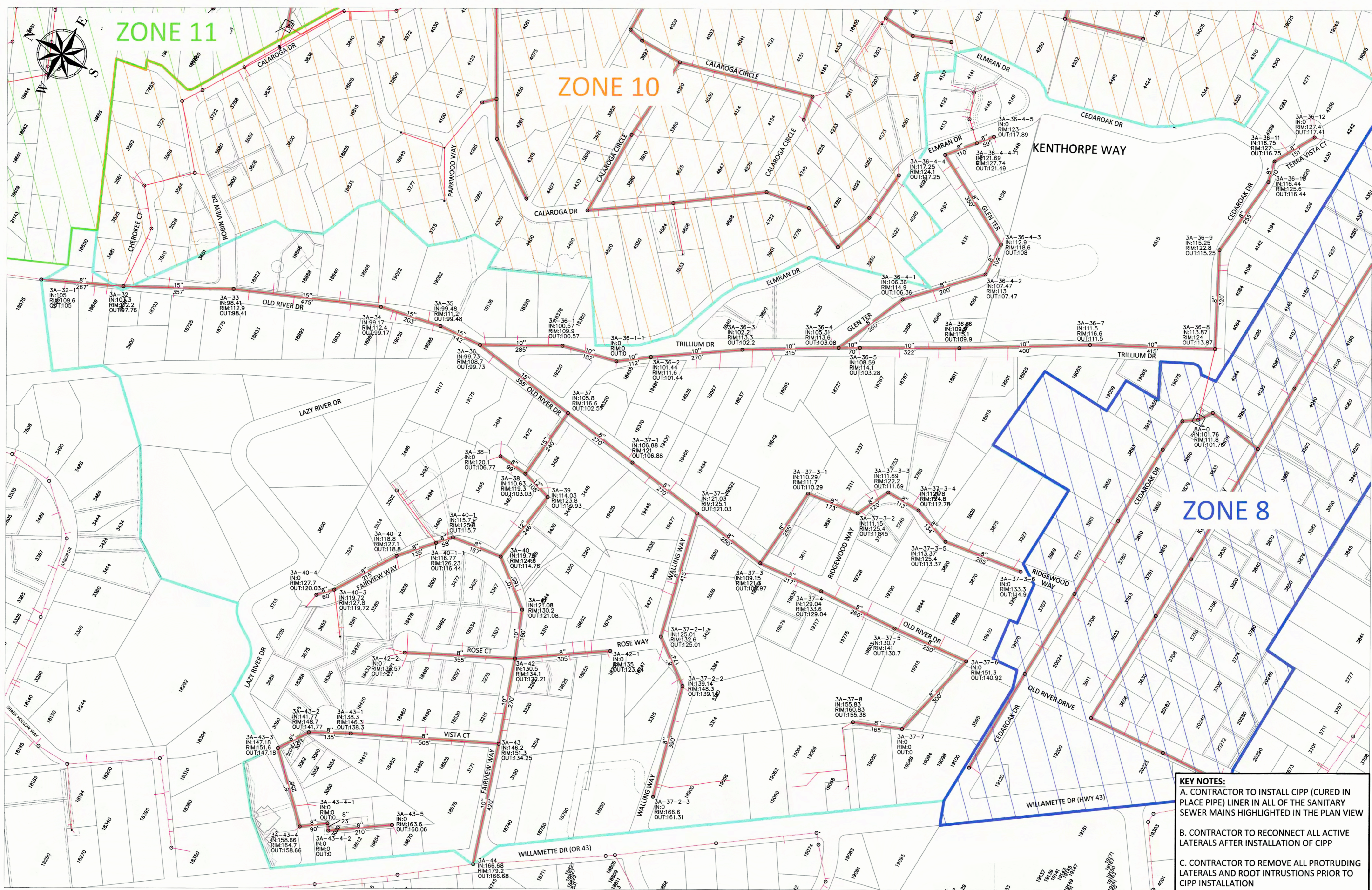
CONTRACTOR
 NAME:
 ADDRESS:
 PHONE:
 FAX:

2015 SANITARY SEWER
 REHABILITATION PROJECT
 ZONE 8

PROJECT NO.: PW-14-17
 DESIGNED BY: ELAN
 DRAWN BY: MURPHY
 CHECKED BY: LCAVERT
 DATE:

REVISION	DESCRIPTION

ZONE 8
 SCALE AS SHOWN
G1
 SHEET 2 OF 4



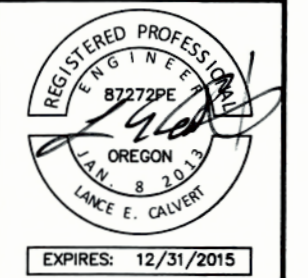
ZONE 11

ZONE 10

ZONE 8



CITY OF WEST LINN
22500 SALAMANDER ROAD
WEST LINN, OREGON 97136
WWW.WESTLINNOREGON.GOV
PHONE: (503) 722-5500
FAX: (503) 566-4506



CONTRACTOR
NAME:
ADDRESS:
PHONE:
FAX:

2015 SANITARY SEWER
REHABILITATION PROJECT
ZONE 9

REVISION	DESCRIPTION

PROJECT NO.: PW 14-17
DESIGNED BY: ELAK NORDMAN
DRAWN BY: LACAVERT
CHECKED BY: LACAVERT
DATE:

ZONE 9
SHEET NO. **G2**
SHEET 3 OF 4

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 INTRUSIONS PRIOR TO CIPP INSTALLATION

