



# CITY OF WEST LINN

## EVAH LN

### SMALL WATERLINE IMPROVEMENTS 2014

#### PW-14-03

**BENCHMARK**

West Linn Benchmark Locations, NGS Survey Location  
 Station Name: SALAMO  
 Location: THE STATION IS LOCATED ABOUT 16.7 KM (10.4 MI) SOUTH OF PORTLAND, 2.7 KM (1.7 MI) WEST OF WEST LINN, 0.3 KM (0.2 MI) NORTHERLY OF PARKER ROAD, ON TOP OF A HILL, AT THE SOUTHEAST CORNER OF THE ROSEMONT RIDGE MIDDLE SCHOOL GROUNDS, IN T.2.S., R.1.E., W.M.  
 USGC Quad: CANBY (1985). PID: AJ8196. State/County: OR/CLACKAMAS  
 Station Name: SHERPHERD  
 Location: THE STATION IS LOCATED ABOUT 13.4 KM (8.3 MI) SOUTH OF PORTLAND, 2.7 KM (1.7 MI) SOUTH OF LAKE OSWEGO, ON STATE HIGHWAY 43, AT THE ENTRANCE OF MARYLHURST UNIVERSITY, IN T.2.S., R.1.E.W.M.  
 USGC Quad: LAKE OSWEGO (1984). PID: AJ8198. State/County: OR/CLACKAMAS



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



EXPIRES: 12/31/2014

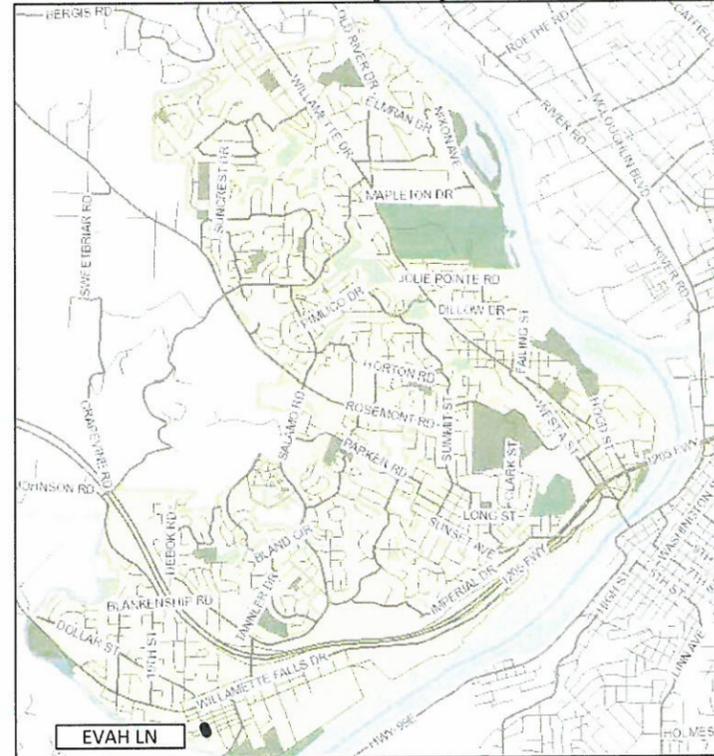
**CONTRACTOR**

NAME:  
 ADDRESS:  
 PHONE:  
 FAX:

**LEGEND**

- NEW WATER MAIN
- NEW WATER MAIN (RESTRAINED JOINT)
- EXISTING WATER LINE
- ABANDON WATER LINE
- SANITARY SEWER LINE
- STORM LINE
- NEW FIRE HYDRANT
- NEW WATER VALVE
- NEW WATER METER & BOX
- SANITARY SEWER MANHOLE
- EXISTING HYDRANT (TO BE REMOVED)

Vinicity Map



SHEET INDEX	
SHEET NO.	SHEET TITLE
CS	COVER SHEET
GN	GENERAL NOTES
QT	ODOT INDEX SHEET
B1	CHESTNUT STREET
B2	SKYE PARKWAY
B3	EVAH LANE
SD	STANDARD DETAILS

2014 SMALL WATERLINE IMPROVEMENTS

COVER SHEET

PROJECT NO.: PW-14-03  
 DESIGNED BY: KLE  
 DRAWN BY: NBRENNAN  
 CHECKED BY: ELAIS  
 DATE: 02/04/2014

**REVISION**

DATE	DESCRIPTION

**COVER SHEET**

SCALE:  
CS

**UTILITY PROVIDERS**

WATER:	CITY OF WEST LINN	PUBLIC WORKS	503-656-6081
STORM:	CITY OF WEST LINN	PUBLIC WORKS	503-656-6081
SEWER:	CITY OF WEST LINN	PUBLIC WORKS	503-656-6081
POWER:	PGE	MIKE HIEB	503-570-4412
STREET LIGHTS:	PGE	LORI SWANSON	503-742-8322
GAS:	NW NATURAL	JUDITH RANDLE	503-226-4211x2357
CATV:	COMCAST	KENNETH WILLS	360-793-9981
PHONE:	QWEST	KENNETH SCIULLI	503-242-0304

**GENERAL NOTE**

All work within the public right-of-way shall conform to the current City of West Public Works Design Standards, Standard Construction Specifications, and Standard Drawings.

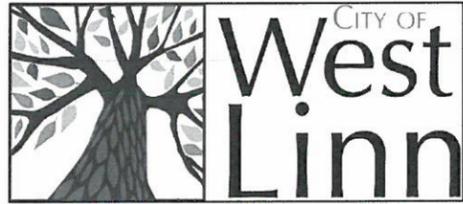
**GIS BASE MAP INFORMATION**

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).



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EXPIRES: 12/31/2014

**CONTRACTOR**

NAME:  
 ADDRESS:

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2014 SMALL WATERLINE IMPROVEMENTS

GENERAL NOTES

**GENERAL NOTES:**

- All construction shall conform to the latest City of West Linn Public Works Standard Construction Specifications and Standard Drawings. The ODOT standard specifications for construction will apply for measurement and payment.
- This set of plans has been reviewed for compliance with City of West Linn requirements prior to issuance for construction. However such review shall not prevent the City Engineer from requiring correction of errors or omissions in plans found to be in violation of any law or ordinance.
- The City Engineer does not warrant any quantities shown on these plans.
- The Engineering Division, Inspection Section shall be notified twenty-four (24) hours prior to any construction work by telephone at 503-722-5501. Any work concealed without inspection shall be subject to removal and replacement at the Contractor's expense.
- Any approved set of plans must be available on the job site at all times. The contractor's representative (capable of communicating with the City's representatives) shall be on the job at all times the work is being pursued.
- The Contractor is responsible to provide emergency telephone numbers to the City of West Linn at time of receiving Project Notice to Proceed and have personnel available 24-hours a day to respond to emergencies. If the City is required to respond and make emergency repairs on behalf of the Contractor, the Contractor is responsible to reimburse the City for all costs incurred.
- It is understood that there will be interfering utilities, service laterals, and other underground pipes, drains or structures encountered on underground projects that are not shown or are shown incorrectly on the plans and/or have not been previously discovered in the field. Contractor agrees this is a normal and usual occurrence in the construction of underground improvements. Furthermore, bidders understand and agree that work in some cases must be done in close proximity to said utilities and underground pipes, drains, and structures which may require a change in operations and may cause sloughing of the trench, additional traffic control, additional pavement and backfill costs, and time. The contractor agrees that a reasonable number of these occurrences are usual and ordinary on underground projects and are reflected in the bid and plan of operation.
- It is the responsibility of the contractor to obtain any and all other permits and meet any requirements set forth by other agencies or utilities which have jurisdiction at the contractors expense.

**WATER NOTES:**

- Water and sanitary sewer line crossings shall conform with the Oregon Administrative Regulation 333-061-0050(9).
- The existing water lines to be taken out of service are marked on the drawings. These lines are to remain in service until the new lines are properly installed and tested, and water services have been connected. Approval from the City Engineer shall be obtained before any line is abandoned. The existing lines shall then be abandoned and their actual location and abandoned designation recorded on all record drawings. Unless called for otherwise, the abandoned lines will remain in the ground. The ends of all pipes which are abandoned shall be plugged with concrete or other methods approved by the City Engineer.
- The contractor shall remove all existing valve boxes, meter boxes, hydrants and other fittings required to properly perform the scope of work, or as shown in the drawings. All such materials shall be transported to an area designated by the City and stockpiled. Materials shall be removed and handled in such a manner which will prevent damage. All other existing valves, meters and hydrants not used in the new system or not specified for removal will be removed by the city after the new system is in operation. Salvaged material shall remain the property of the City.
- The abandoned existing pipe is to remain in the ground, unless otherwise specified. The contractor shall apply black bag the same day to all existing hydrants when permanently disconnected from service.
- Pipe bedding and trench backfill are incidental to pipe.
- It is the responsibility of the contractor to schedule water and sewer testing with the City inspector, per West Linn Standards.

**TRAFFIC CONTROL GENERAL NOTES:**

- No road closure shall be allowed without City Engineer's prior approval as delegated by the City Manager.  
  
The Contractor shall provide traffic control plan for City Approval
- Traffic control shall conform to the ODOT Temporary Traffic Control Handbook and MUTCD. The Contractor shall submit a Traffic Control Plan to the City of West Linn Engineering Division for review and acceptance a minimum of 48-hours prior to construction. A copy of the accepted Traffic Control Plan must remain on the job site at all times.
- Maintain vehicular, bicycle, pedestrian and emergency vehicle access to area homes throughout construction.

**CONSTRUCTION NOTES:**

- Contractor shall provide erosion control best management practices per City of West Linn Standards. Provide catch basin protection and continual sweeping so that no mud, sediment, or rock is left on the streets, with no additional compensation.
- The contractor is responsible for all construction surveying and construction staking for the project with no additional compensation.
- Drain abandoned pipes and plug watertight. Plug abandoned pipes with gasketed mechanical plugs or grout seals, as directed.
- All new water main and services shall be tested and approved prior to connection. All tests to follow West Linn Standard Section 403.
- Water used for construction must be filled at the designated fire hydrant located in front of second driveway entrance at the Willamette Market Place on 8th Avenue - West of 10th St and South of I-205. No hydrant meters will be provided, except for when testing the water main.
- Contractor shall provide ingress and egress to residential driveways with limited delay.
- Working Hours: 7:00 AM - 5:00 PM Monday - Friday  
9:00 AM - 5:00 PM Saturday - Sunday & Holidays

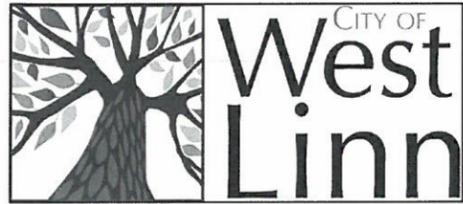
PROJECT NO.: PW-14-03  
 DESIGNED BY: KLE  
 DRAWN BY: NBRENNAN  
 CHECKED BY: ELAIS  
 DATE: 02/04/2014

**REVISION**

DATE	DESCRIPTION

**COVER SHEET**

SCALE:  
**GN**



# CITY OF WEST LINN

## EVAH LN

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EXPIRES: 12/31/2014

**CONTRACTOR**

NAME:  
 ADDRESS:  
 PHONE:  
 FAX:

	ODOT SPEC	DESCRIPTION	QUANTITY	UNIT
1	00210	MOBILIZATION/DEMobilIZATION	1	LS
2	00225	TRAFFIC CONTROL	1	LS
3	01140	6 INCH CONNECTION TO EXISTING 6 INCH MAIN	2	EA
4	01140	6 INCH DIP, FITTINGS & COUPLINGS, CLASS B BACKFILL	30*	LF
5	01140	6 INCH DIP, FITTINGS & COUPLINGS W/ RESTRAINED JOINTS AND CLASS B BACKFILL	155*	LF
6	01140	8 INCH DIP, FITTINGS & COUPLINGS, CLASS BBACKFILL	60*	LF
7	01140	8 INCH DIP, FITTINGS & COUPLINGS W/ RESTRAINED JOINTS AND CLASS B BACKFILL	208*	LF
8	01150	4 INCH GATE VALVE	1	EA
9	01150	6 INCH GATE VALVE	1	EA
10	01150	8 INCH GATE VALVE	2	EA
11	01140	THRUST BLOCKING	5	EA
12	01160	HYDRANT ASSEMBLY	1	EA
13	00495	TRENCH RESURFACING: 4" MIN. OF LEVEL 3, 1/2" HMAC	141	SQ-YD
14	00495	BLOWOFF REMOVAL	1	EA
		*FITTING EQUIVELENT PIPE LENGTH FROM ODOT SPEC 01140		

2014 SMALL WATERLINE  
 IMPROVEMENTS  
 ODOT INDEX SHEET

PROJECT NO.: PW-14-03  
 DESIGNED BY: KLE  
 DRAWN BY: NBRENNAN  
 CHECKED BY: ELAIS  
 DATE: 02/04/2014

REVISION	
DATE	DESCRIPTION

COVER SHEET

SCALE:  
**QT**

PLAN



**CITY OF WEST LINN**  
 22500 SALAMO ROAD  
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**CONTRACTOR**  
 NAME:  
 ADDRESS:  
 PHONE:  
 FAX:

**CONSTRUCTION NOTES**

NO	DESCRIPTION	UNIT	QTY
101	8" DUCTILE IRON PIPE	LF	250
102	FIRE HYDRANT W/ VALVE, VB & C, PER DETAIL WL-401	EA	1
103	THRUST BLOCK, PER DETAIL WL-406	EA	5
108	6" GATE VALVE, VB & C, FLG x MJ, PER DETAIL WL-411	EA	1
111	4" GATE VALVE, VB & C, FLG x MJ, PER DETAIL WL-411	EA	1
112	6"x6"x6" MJ x MJ x FLG TEE, RESTRAINED JOINT	EA	1
113	8"x8"x4" FLG x FLG x MJ TEE, RESTRAINED JOINT	EA	1
114	8"x8" MJ x FLG 90° ELBOW, RESTRAINED JOINT	EA	1
115	8"x6" FLGxFLG REDUCER	EA	1
116	8" GATE VALVE, VB & C, FLG x MJ, PER DETAIL WL-411	EA	2
117	8" - 45° MJ ELBOW RESTRAINED JOINT	EA	1
118	6" DUCTILE IRON PIPE	LF	170

**GENERAL CONSTRUCTION NOTES**

2 CONNECT NEW WATERLINE TO EXISTING WATERLINE

10 REMOVE EXISTING 4" BLOWOFF ASSEMBLY SALVAGE TO CITY OF WEST LINN

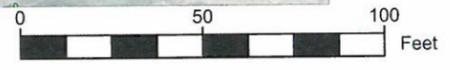
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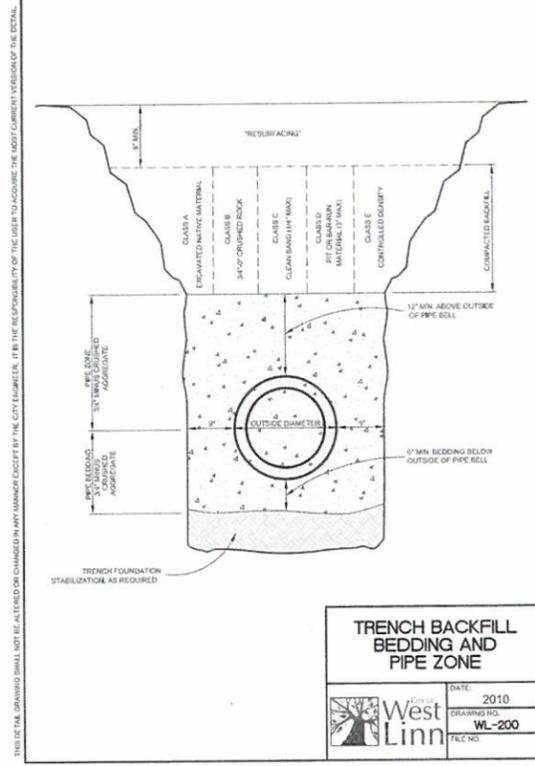
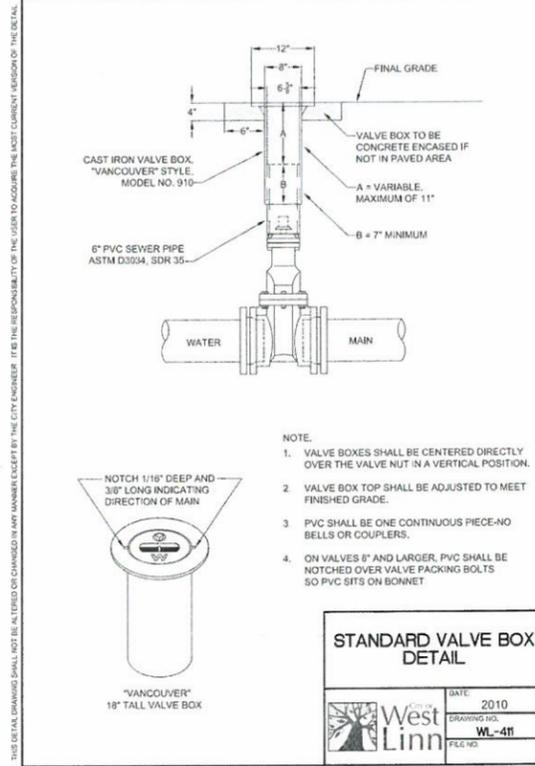
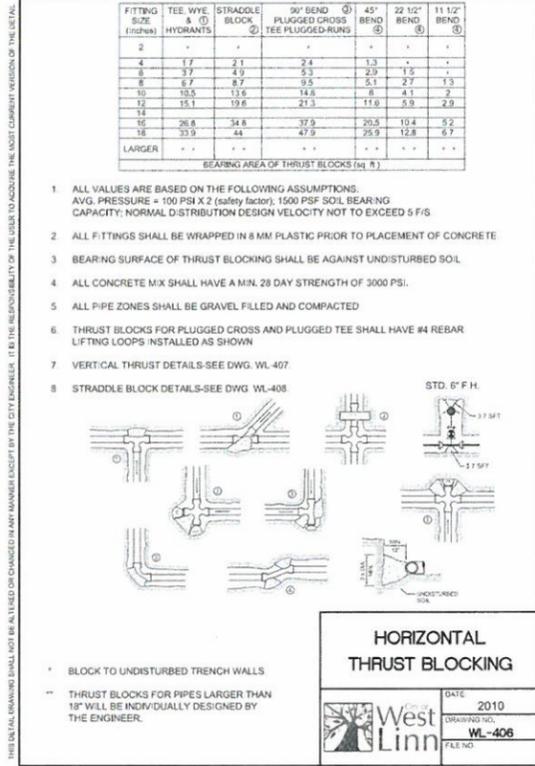
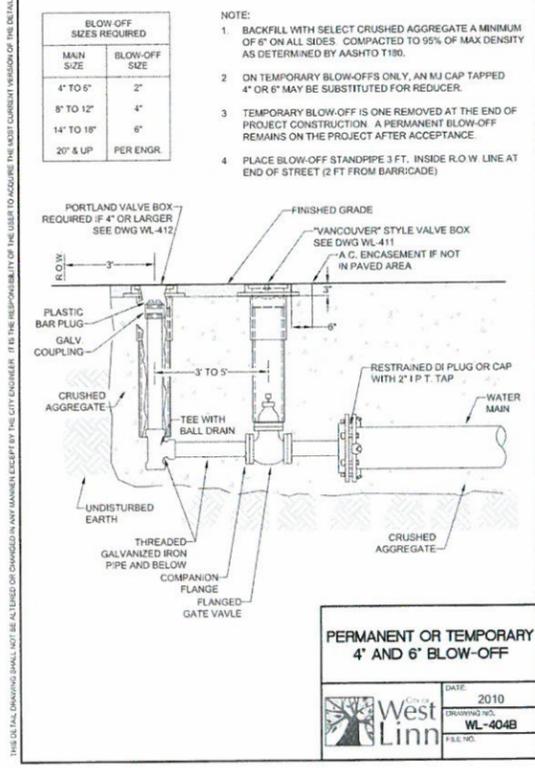
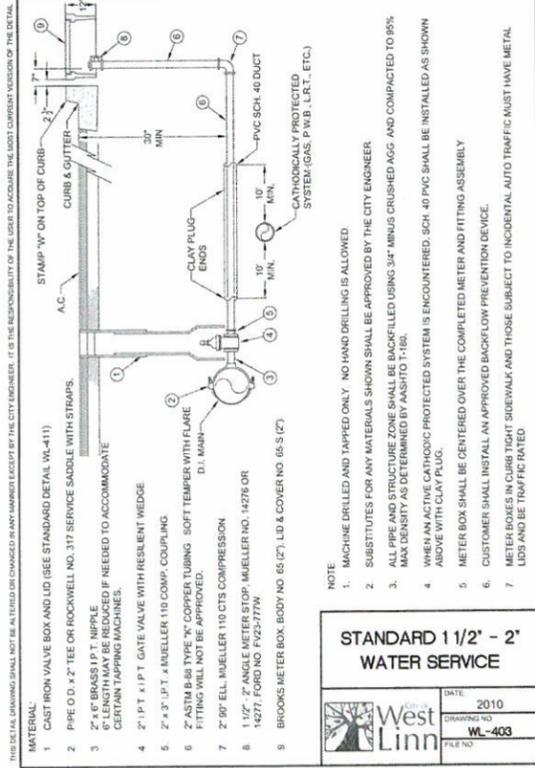
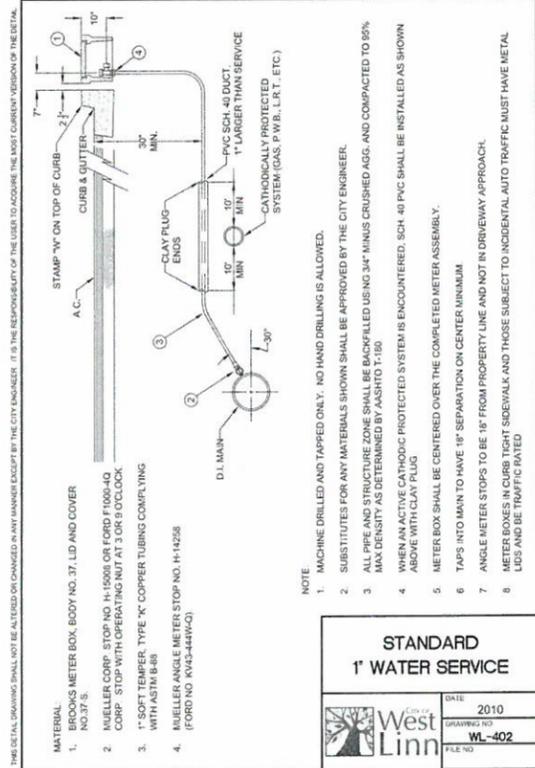
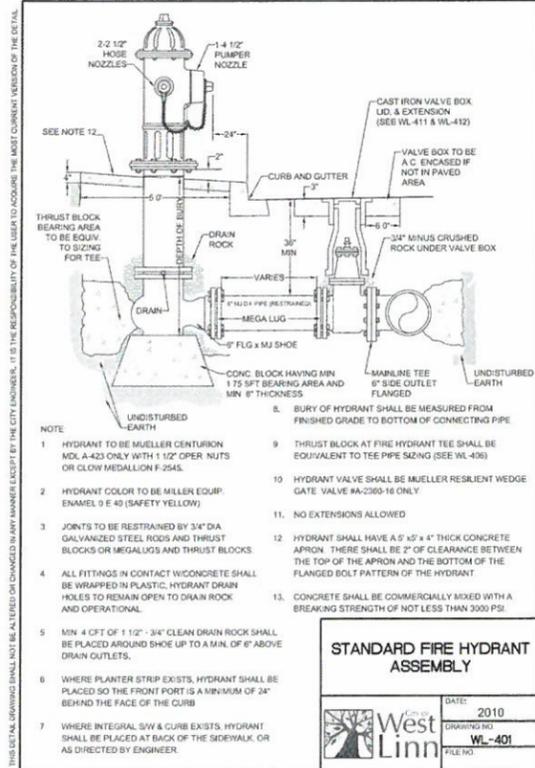
EVAH LN

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DATE	DESCRIPTION

	PROJECT NO.: PW-14-03
	DESIGNED BY: KLE
	DRAWN BY: NBRENNAN
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	PLAN
	SCALE: <b>B1</b>





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CONTRACTOR  
NAME:  
ADDRESS:  
PHONE:  
FAX:

**2014 SMALL WATERLINE IMPROVEMENTS**  
WEST LINN PUBLIC WORKS STANDARD  
DETAIL DRAWINGS

PROJECT NO.: PW-14-03  
DESIGNED BY: KLE  
DRAWN BY: NBRENNAN  
CHECKED BY: ELAIS  
DATE: 02/04/2014

REVISION	DATE	DESCRIPTION

STANDARD DETAILS  
SCALE: SD