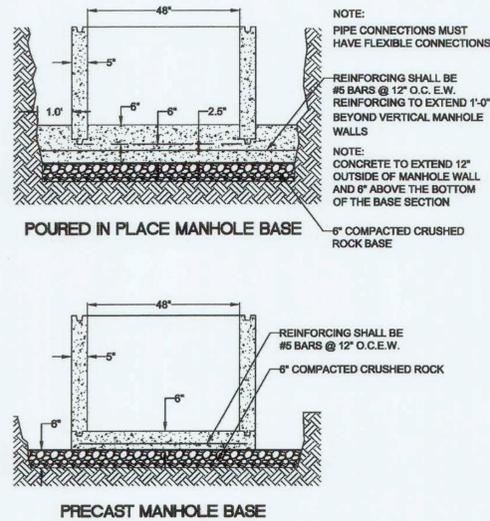


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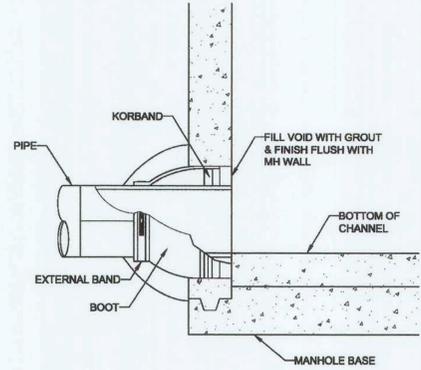


NOTE:
USE 3300 PSI CONCRETE FOR EITHER
MANHOLE BASE
CONCRETE SHALL CONFORM TO SECTION
205. PRECAST MANHOLES SHALL
CONFORM TO ASTM C478.

MANHOLE BASE

DATE:	2010
DRAWING NO.:	WL-211
FILE NO.:	

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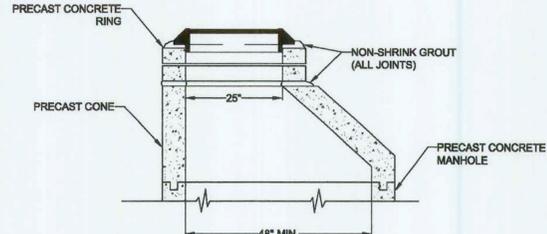


**FLEXIBLE MANHOLE CONNECTION
(KOR-N-SEAL OR APPROVED EQUAL)**

FLEXIBLE MANHOLE CONNECTION

DATE:	2010
DRAWING NO.:	WL-212
FILE NO.:	

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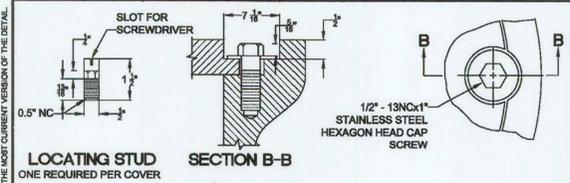


**PRECAST RING EXTENSION
FOR TYPICAL MANHOLE**

PRECAST RING EXTENSION

DATE:	2010
DRAWING NO.:	WL-213
FILE NO.:	

THIS DETAIL DRAWING SHALL NOT BE ALTERED OR CHANGED IN ANY MANNER EXCEPT BY THE CITY ENGINEER. IT IS THE RESPONSIBILITY OF THE USER TO ACQUIRE THE MOST CURRENT VERSION OF THE DETAIL.



LOCATING STUD
ONE REQUIRED PER COVER

SECTION B-B

TAMPER PROOF WATER PROOF

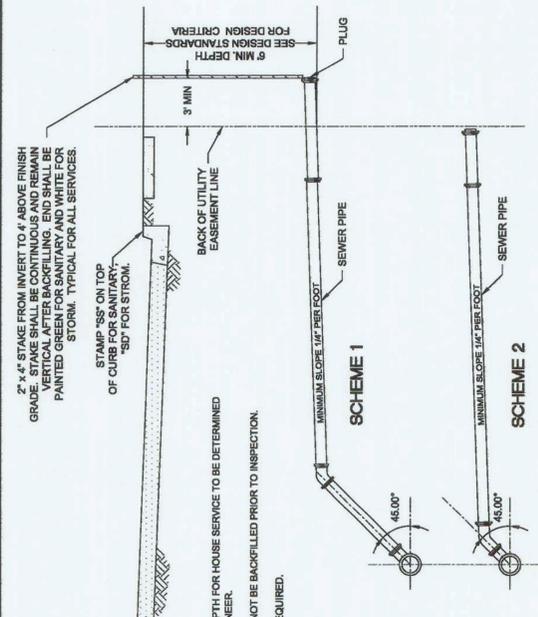
SECTION A-A

- NOTE:
- COVER AND FRAME TO BE MACHINED TO A TRUE BEARING ALL AROUND
 - MATERIAL SHALL BE OF GRAY CAST IRON A.S.T.M. A-48 CLASS 30
 - 2 HOLE LID FOR SANITARY SEWER
 - 16 HOLE LID FOR STORM SEWER

WATERPROOF AND TAMPERPROOF MANHOLE FRAME AND COVER

DATE:	2010
DRAWING NO.:	WL-214
FILE NO.:	

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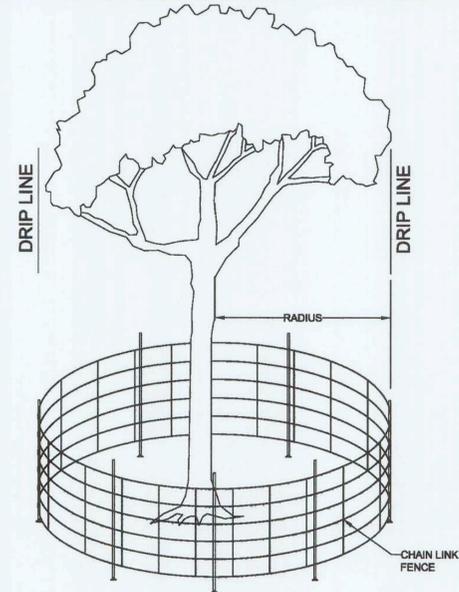


- NOTE:
- SCHEME AND DEPTH FOR HOUSE SERVICE TO BE DETERMINED BY DESIGN ENGINEER.
 - SERVICE SHALL NOT BE BACKFILLED PRIOR TO INSPECTION.
 - TRACER WIRE REQUIRED.

SERVICE BRANCH

DATE:	2010
DRAWING NO.:	WL-218
FILE NO.:	

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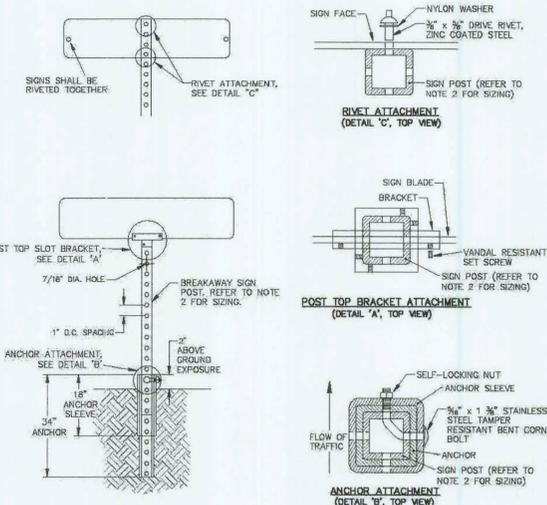


- NOTE:
- 6" CHAIN LINK ON 2" POST AT 10' SPACING, DRIVEN 2" INTO GROUND. RADIUS IS EITHER 1/2" PER CALIPER INCH OR 10' OUTSIDE OF DRIPLINE - SEE PLANS

TREE PROTECTION FENCE

DATE:	2010
DRAWING NO.:	WL-219
FILE NO.:	

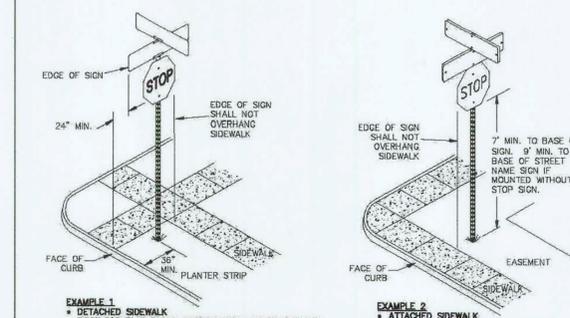
THIS DETAIL DRAWING SHALL NOT BE ALTERED OR CHANGED IN ANY MANNER EXCEPT BY THE CITY ENGINEER. IT IS THE RESPONSIBILITY OF THE USER TO ACQUIRE THE MOST CURRENT VERSION OF THE DETAIL.



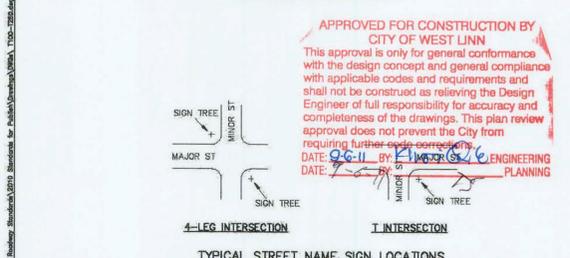
- NOTES:
- SIGN COMBINATION AND MINIMUM SIGN MOUNTING HEIGHT SHALL DETERMINE POST LENGTH. A 10" (MIN.) POST SHALL BE USED. A COMBINATION OF SIGNS GREATER THAN 36" IN HEIGHT SHALL REQUIRE A 12" (MIN.) POST.
 - SIGN POST SIZING SHALL BE BASED ON OREGON STANDARD DRAWING TM682 (85 MPH SQUARE TUBE SIGN SUPPORT SIZING CHART). THE MINIMUM POST SIZE SHALL BE 2" X 2" 12 GA. SQUARE TUBE. IF THE SIGN PANEL AREA IS GREATER THAN THAT ALLOWED BY A 2" X 2" POST, THEN A 2 1/2" X 2 1/2" 12 GA. POST SHALL BE USED. IF A LARGER SUPPORT IS REQUIRED, THEN WOOD SIGN SUPPORTS SHALL BE USED AS PER OREGON STANDARD DRAWING TM670.
 - NYLON SPACERS SHALL BE USED TO PREVENT CONTACT BETWEEN GALVANIZED STEEL AND ALUMINUM MATERIAL SURFACES.

REVISION	DATE	BY	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT	APPROVAL DATE: 1/1/10	SCALE: N.T.S.	STANDARD DRAWING
			50 BEAVERCREEK ROAD REGOR CITY, OR 97546			T150

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TYPICAL SIGN INSTALLATIONS



REVISION	DATE	BY	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT	APPROVAL DATE: 1/1/10	SCALE: N.T.S.	STANDARD DRAWING
			150 BEAVERCREEK ROAD REGOR CITY, OR 97546			T250

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Phone: 503-537-9347
www.thesaunderscompany.net

REGISTERED PROFESSIONAL ENGINEER
60644PE
OREGON
REPT. 14, 1999
CHARLES EDWARD GREGORY
RENEWS: JUNE 30, 2013

J.T. SMITH companies

Teresa's Vineyard
Public Improvements
Sub-07-02/NDW-07-02/VAR-07-01
West Linn, Oregon

REV	DATE	SUMMARY
1	8/5/11	Client/Agency Comments

Project #: 9130 Drawn: CL
CITY OF WEST LINN
STANDARD PLANS AND DETAILS
GENERAL

Date: April 15, 2011

C6.2