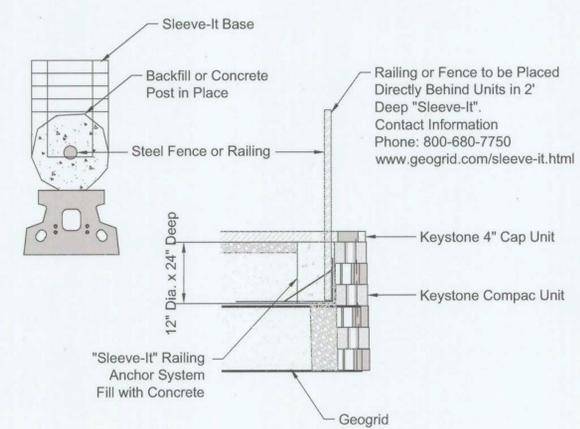


Typical Pipe Outlet Detail

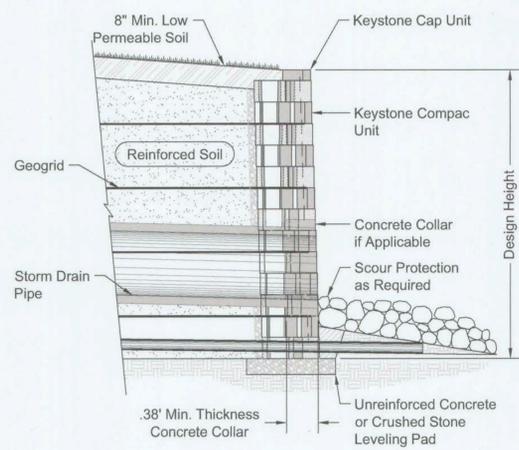
Note:
For pipes larger than 24", a concrete collar should be cast around pipe.



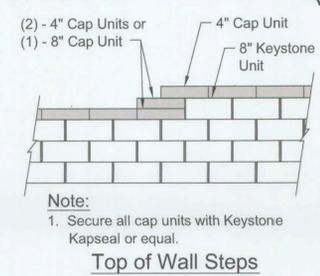
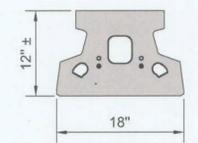
MODULAR CONCRETE RETAINING WALL DETAILS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE WALL DESIGN AND STRUCTURAL CALCULATIONS PER THE PROJECT SPECIFICATIONS.



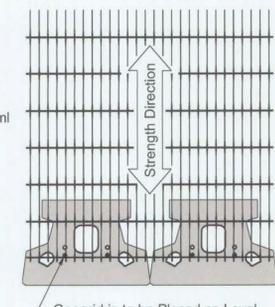
Fence Section & Plan Detail
Compac Unit - One Inch Setback



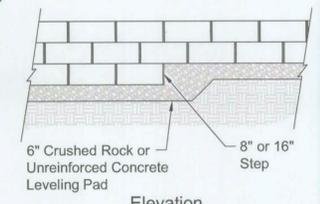
Typical Pipe Outlet Section



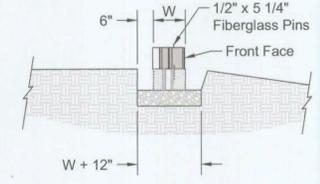
Note:
1. Secure all cap units with Keystone Kapseal or equal.
Top of Wall Steps



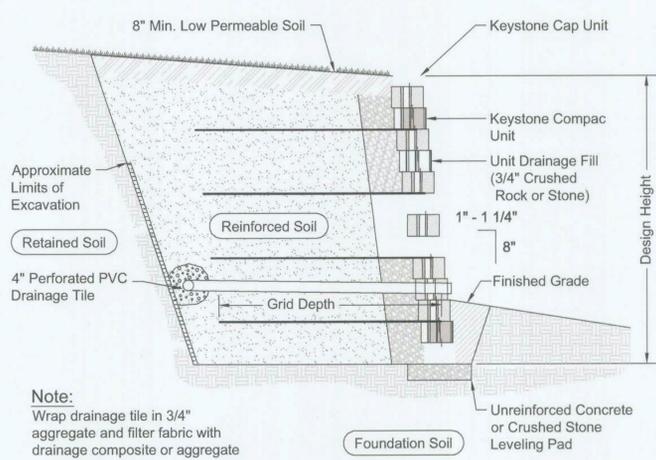
Grid & Pin Connection



Note:
1. The leveling pad is to be constructed of crushed stone or 2000 psi ± unreinforced concrete.

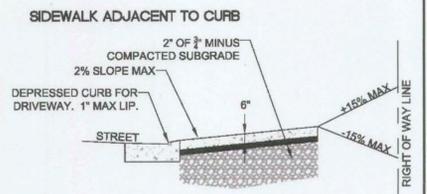
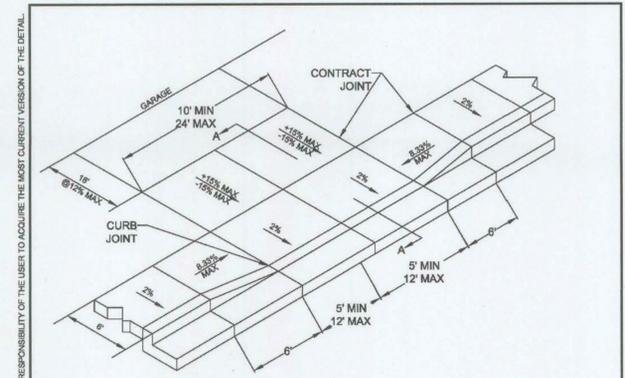


Leveling Pad Detail



Note:
Wrap drainage tile in 3/4" aggregate and filter fabric with drainage composite or aggregate back drain system.

Typical Reinforced Wall Section
Compac Unit - 1" Setback



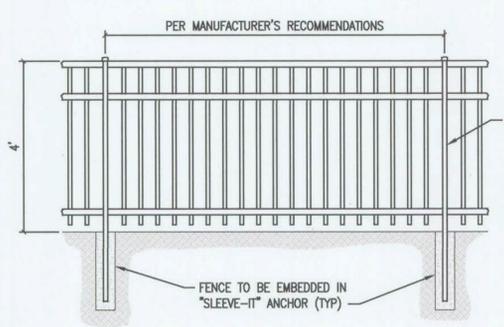
- NOTE:
- CONCRETE SHALL HAVE A MINIMUM BREAKING STRENGTH OF 3300 PSI AFTER 28 DAYS 6 SACK MIX
 - CURB SHALL BE TROWELED JOINT WITH MIN. 1/2" RADIUS ALONG BACK OF CURB
 - DRIVEWAY SHALL BE A MINIMUM 6" THICK
 - DRIVEWAY CURB CUT SHALL COMPLY WITH THE CONDITIONS OF 5.0070, "WIDTH AND LOCATION OF CURB CUTS"
 - FOR REPLACEMENT OF EXISTING APPROACH:
 - MUST MEET CURRENT ADA REQUIREMENTS TO GREATEST DEGREE POSSIBLE
 - DAMAGED ROADWAY MUST BE SAWCUT AND REPAVED WITH CLASS C HOT MIX ASPHALT

RESIDENTIAL DRIVEWAY WITH SIDEWALK ADJACENT TO CURB

CITY OF West Linn
DATE: 2010
DRAWING NO. WL-503B
FILE NO.

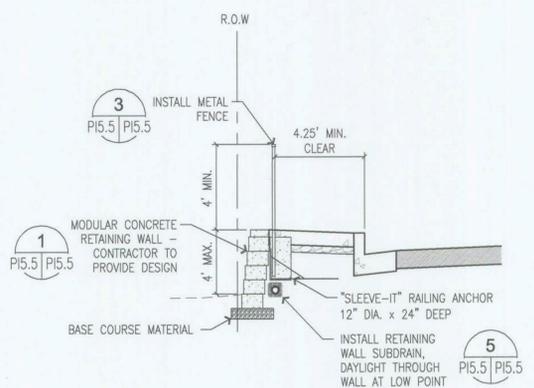
2 RESIDENTIAL DRIVEWAY
P13.2/P15.5 SCALE: NONE

1 MODULAR CONCRETE RETAINING WALL INSTALLATION
P13.2/P15.5 SCALE: NONE

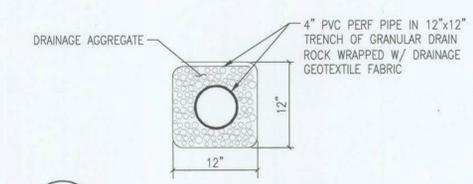


3 DECORATIVE METAL FENCE
P13.2/P15.5 SCALE: NONE

- NOTES
- FENCE TO BE AEGIS II "MAJESTIC" DESIGN, 2-RAIL STYLE AS MANUFACTURED BY AMERISTAR FENCE PRODUCTS, OR APPROVED EQUAL.
 - PICKET SPACING TO BE A MAXIMUM OF 4" CLEAR.



4 RETAINING WALL AND FENCE DETAIL
P12.1/P15.5 SCALE: NONE



5 RETAINING WALL SUBDRAIN
P15.5/P15.5 SCALE: NONE

APPROVED FOR CONSTRUCTION BY CITY OF WEST LINN

This approval is only for general conformance with the design concept and general compliance with applicable codes and requirements and shall not be construed as relieving the Design Engineer of full responsibility for accuracy and completeness of the drawings. This plan review approval does not prevent the City Inspector from requiring further code corrections in the field.
DATE: 01/07/11 BY: Chris DeLoe

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phase	CONSTRUCTION SET
date	April 6, 2011
revisions	

ASI # 06/28/2011

project # | 09014

CIVIL DETAILS

P15.5