

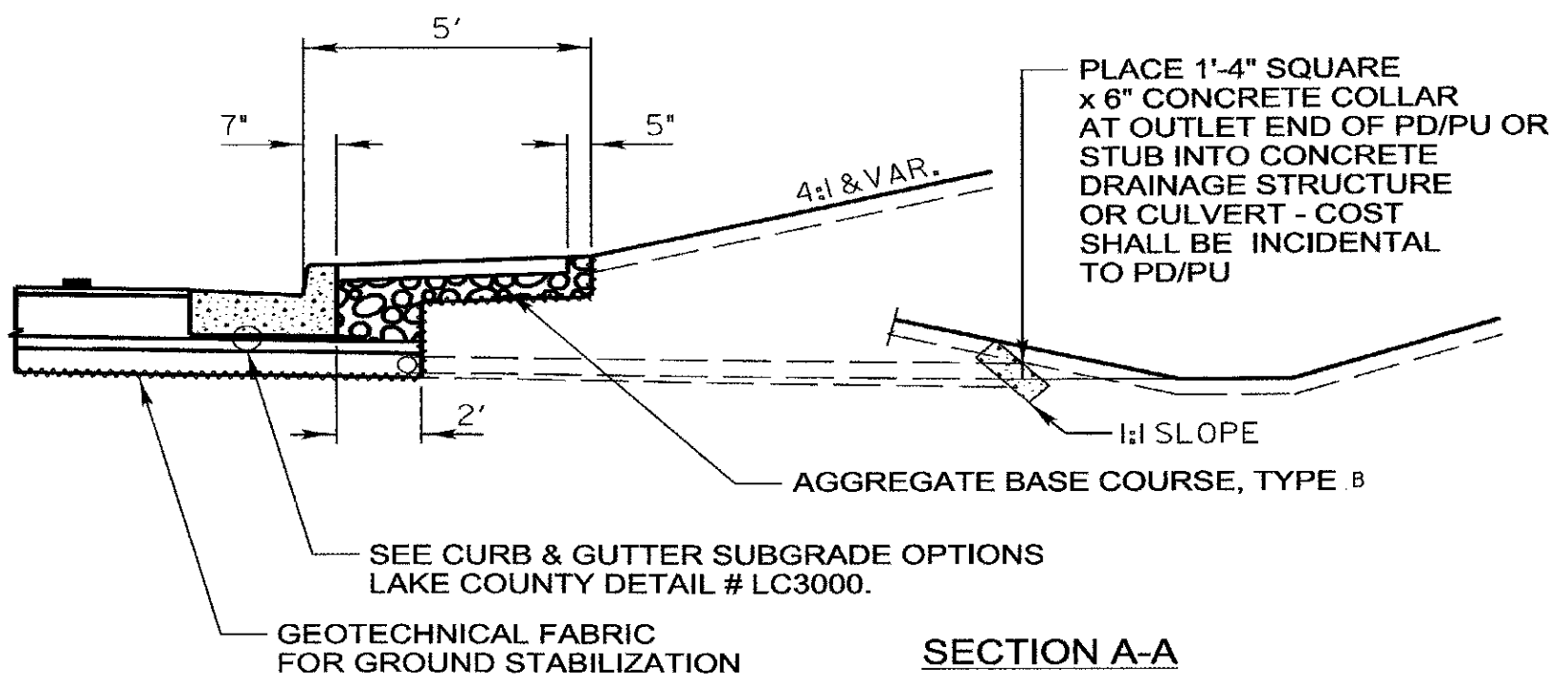
TYPICAL PIPE DRAIN/ PIPE UNDERDRAIN OUTLET

DESIGN NOTES:

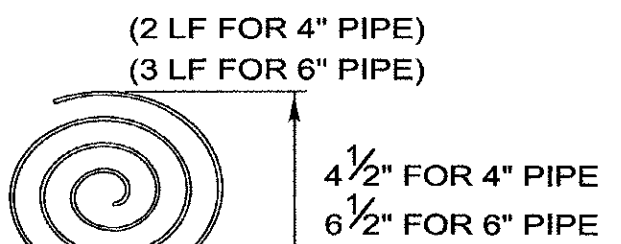
All work shall be according to the applicable portions of the "Standard Specifications" except as modified hereon.

In addition to the requirements of Article 601.08 of the "Standard Specifications", the contract unit price per foot for pipe drains 4" & 6" and pipe underdrains 4" shall include the cost of furnishing and placing the rodent shield.

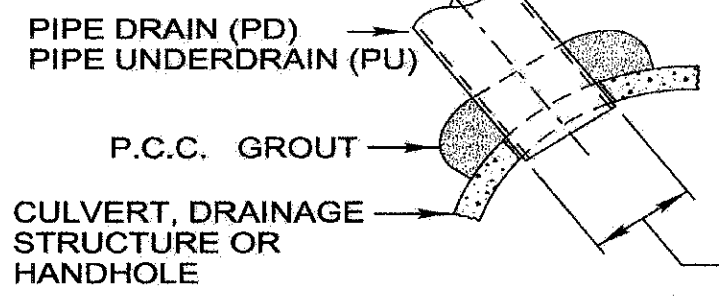
The removable rodent shield shall be furnished and installed in accordance with one of the configurations shown. The shield shall be fabricated from steel wire, or expanded metal, as detailed above and shall be galvanized after fabrication in accordance with AASHTO M-111. Other submitted designs for a removable rodent shield will be allowed with the approval of the Engineer.



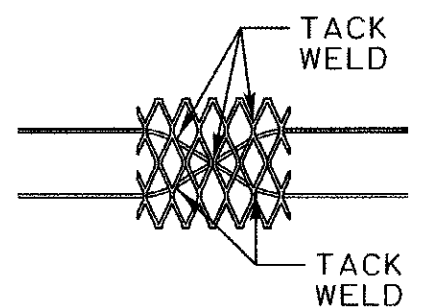
SECTION A-A



$\frac{3}{16}$ " WIRE STOCK BENT TO A SPIRAL CONFIGURATION. TO INSTALL, TWIST INTO PD/PU END. (FOR CORRUGATED CIRCULAR METAL PIPE)



DETAIL C



RODENT SHIELDS DETAIL

(ALTERNATES) NOT TO SCALE

REVISIONS	DATE
Pipe Drain Added to Labels	5/19/2009

LakeCounty
 Division of Transportation

APPROVED BY: M. G. ZEMAITIS
DATE: APRIL 1, 2007

SUB-SURFACE DRAINS

LC6020

FILE NAME = L:\LAKECO\1122481\CD\CD.DWG SHEET 5 OF 5 LC6020 - STANDARD.DWG