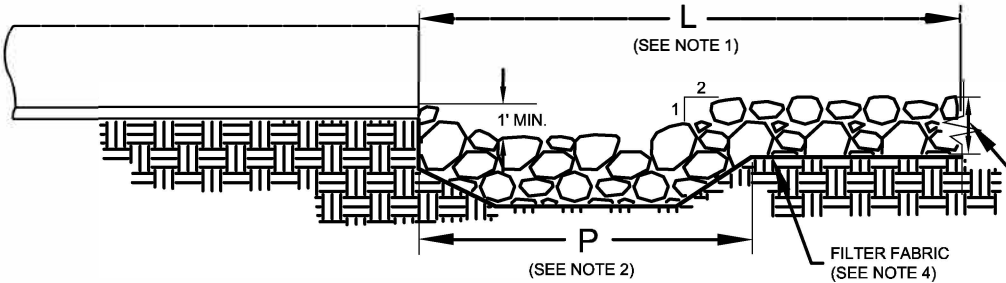
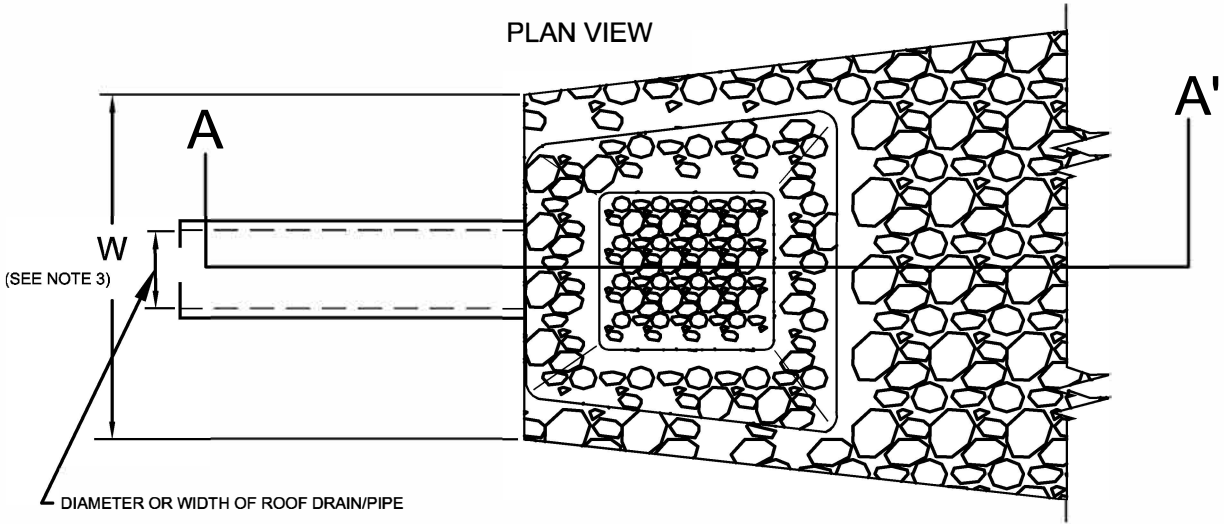


STILLING BASIN  
PLAN VIEW



GENERAL NOTES:

1. L IS THE TOTAL LENGTH OF THE RIPRAP APRON. THE MINIMUM LENGTH SHALL BE:  $L = P + 1$ .
2. P IS THE POOL LENGTH. THE MINIMUM POOL LENGTH SHALL BE 3 TIMES THE DIAMETER OR WIDTH OF THE PIPE, BUT NOT LESS THAN 2 FEET.
3. W IS THE WIDTH OF THE RIPRAP APRON. THE MINIMUM WIDTH SHALL BE 3 TIMES THE DIAMETER OR WIDTH OF THE PIPE, BUT NOT LESS THAN 2 FEET.
4. FILTER FABRIC MUST BE INSTALLED BETWEEN RIPRAP AND SOIL.
5. H IS THE DEPTH OF THE STONE. FOR STONE WITH A  $D^{50} = 4$  INCHES, THE STONE DEPTH SHALL BE A MINIMUM OF 9 INCHES. FOR STONE WITH A  $D^{50} = 6$  INCHES, THE STONE DEPTH SHALL BE A MINIMUM OF 12 INCHES.



TOWN OF CHAPEL HILL  
STANDARD DETAIL L

REVISIONS


STILLING BASIN

DATE: 02/2017

EC-8.00

" NOT TO SCALE "