DocuSign Envelope ID: 0B7DFCA5-E3B0-4E26-8D53-2D1AC04CA429

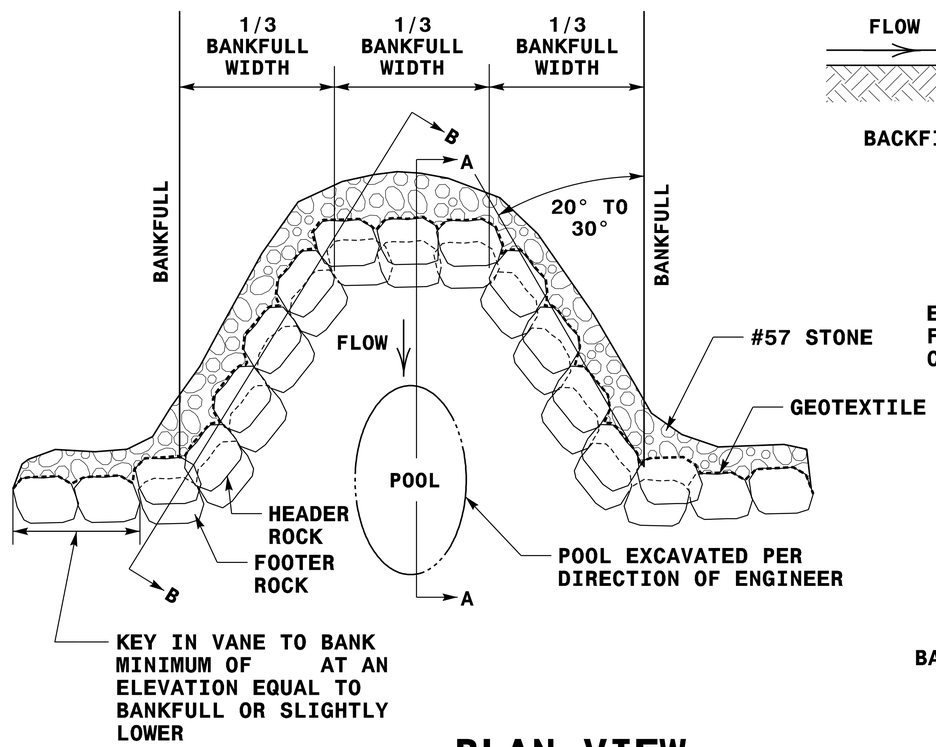
PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.112	2B-1
R/W SHEET NO.	

HYDRAULICS ENGINEER

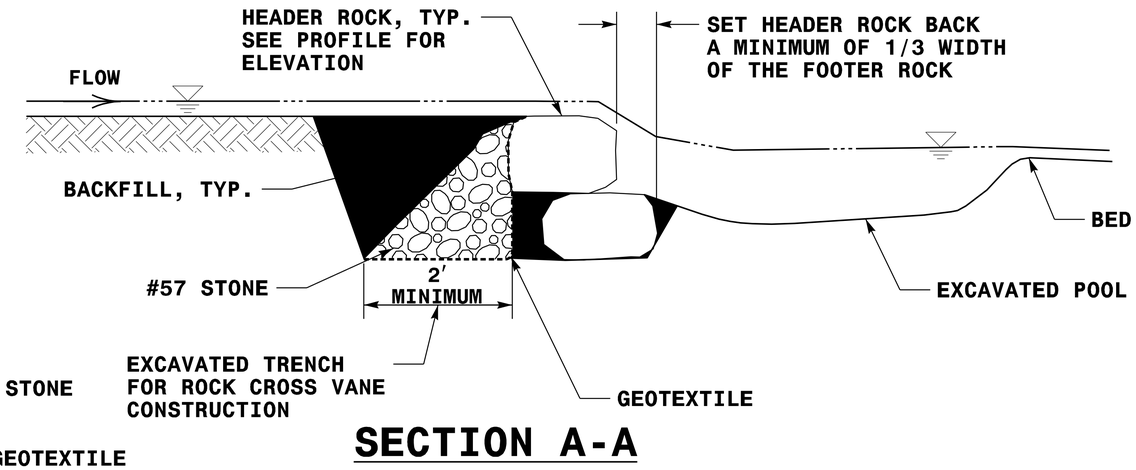
NORTH CAROLINA PROFESSIONAL SEAL 032312 ENGINEER

DocuSigned by: Charles Weaver

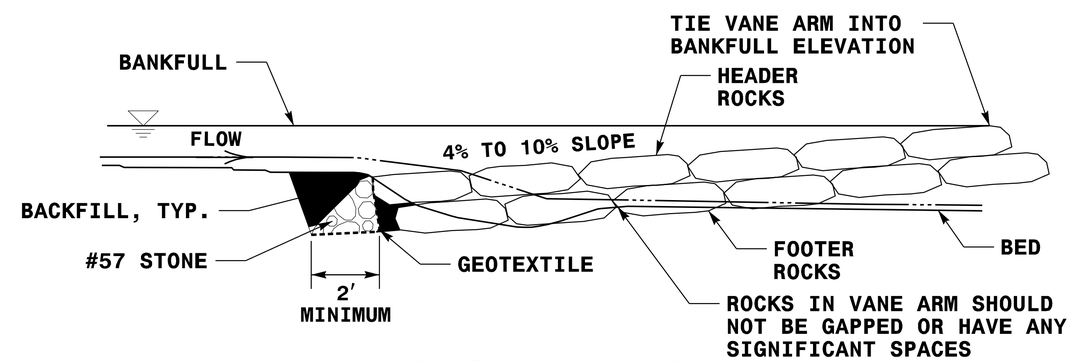
03-03-2021



PLAN VIEW



SECTION A-A



SECTION B-B

	BOULDER DIMENSIONS (FT)		
STATION	HEIGHT	LENGTH	WIDTH
-L- STA. 12+20 LT	1′	2′	1.5′
-L- STA. 12+55 LT	1′	2′	1.5′
-L- STA. 12+90 LT	1′	2′	1.5′

NOTES:
1) DEEPEST PART OF POOL TO BE IN LINE WITH WHERE VANE ARM TIES INTO BANKFULL.
2) DO NOT EXCAVATE POOL TOO CLOSE TO FOOTER BOULDERS.
3) CLASS "A" STONE CAN BE USED TO REDUCE VOIDS BETWEEN HEADERS AND FOOTERS.
4) COMPACT BACKFILL TO EXTENT POSSIBLE OR AT THE DIRECTION OF THE ENGINEER.

ROCK CROSS VANE DETAIL

NOT TO SCALE

REVISIONS

$TIME$

$DATE$
$FILEL$
$PENTBL5$

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ROADWAY PLANS