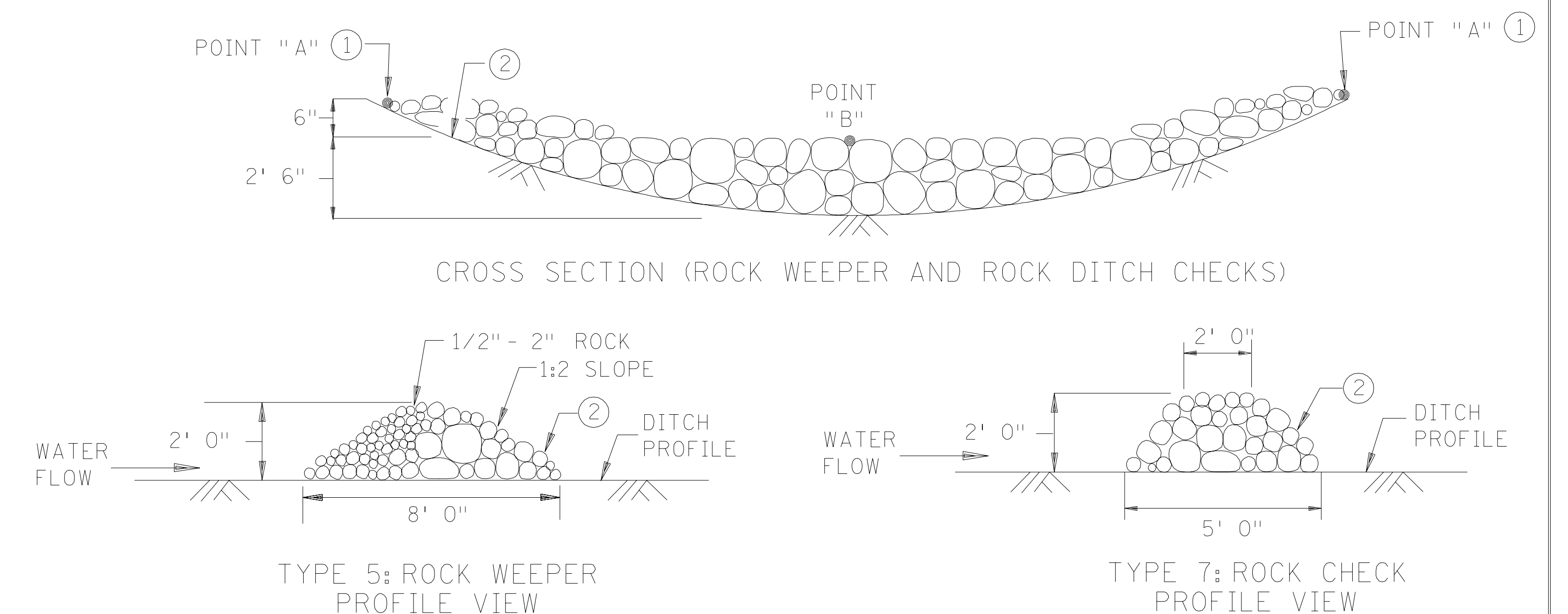
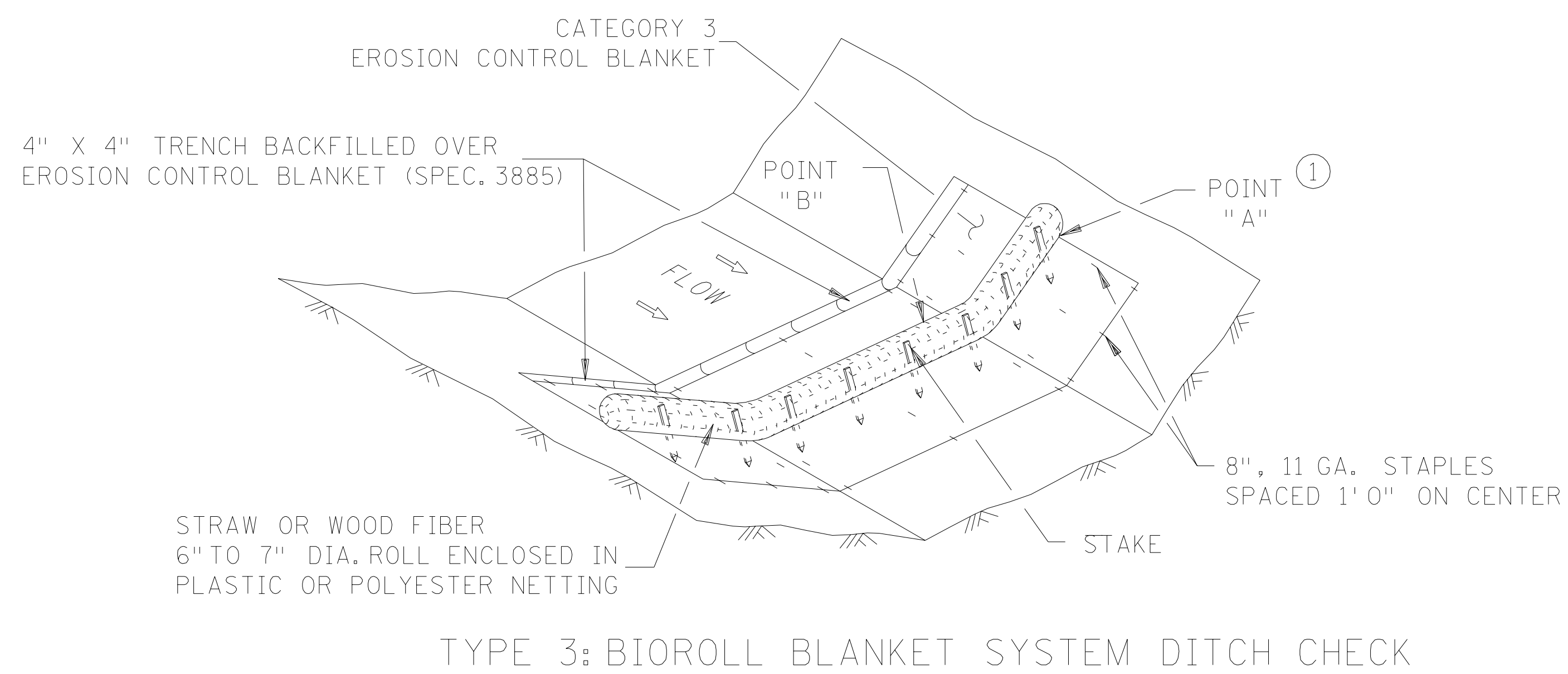


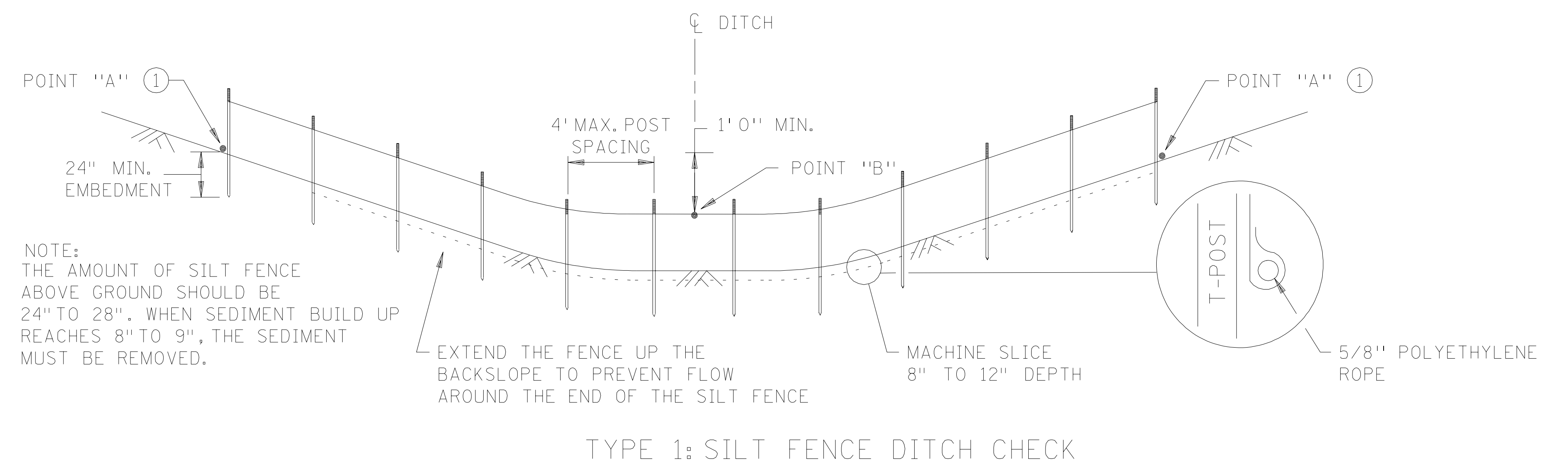
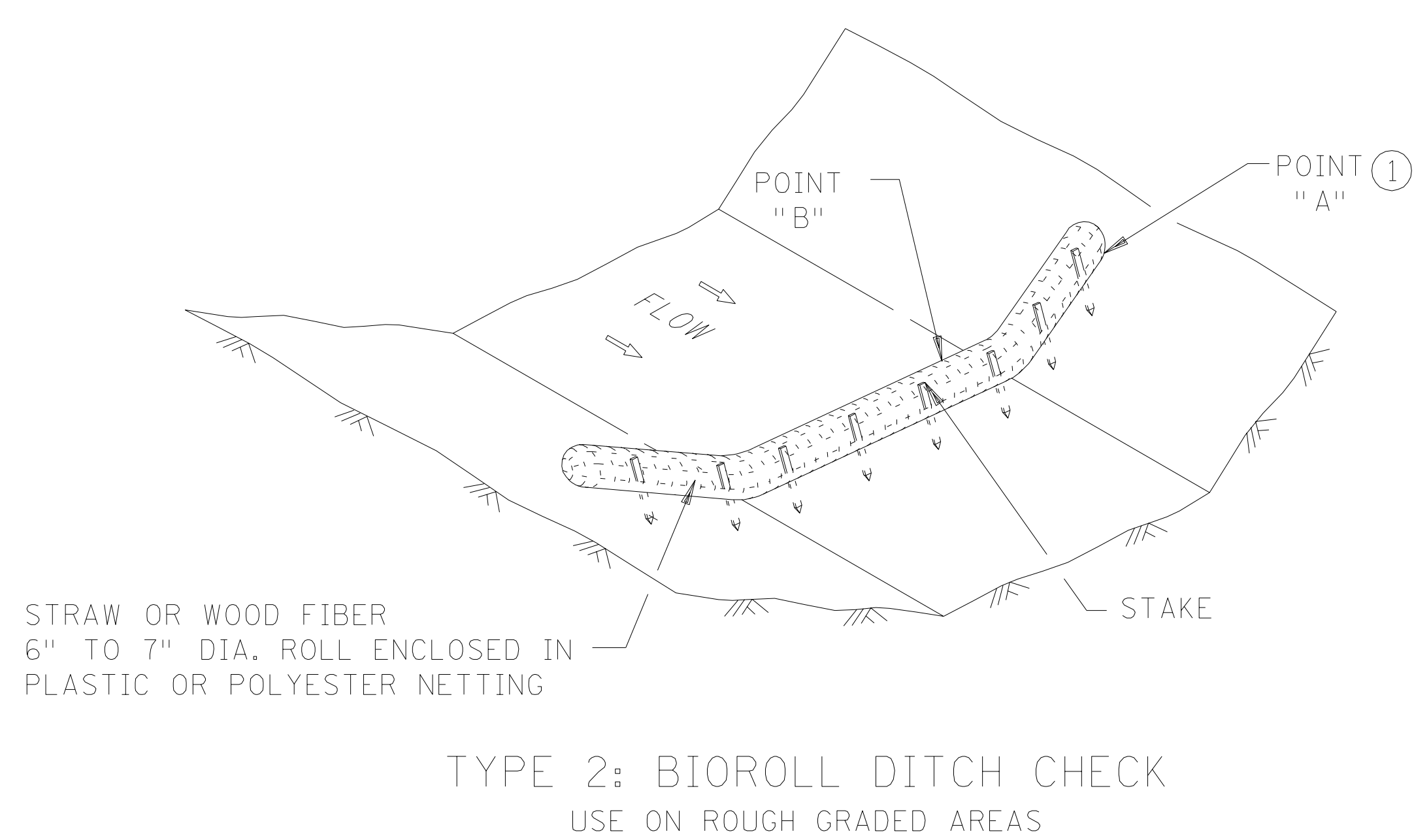
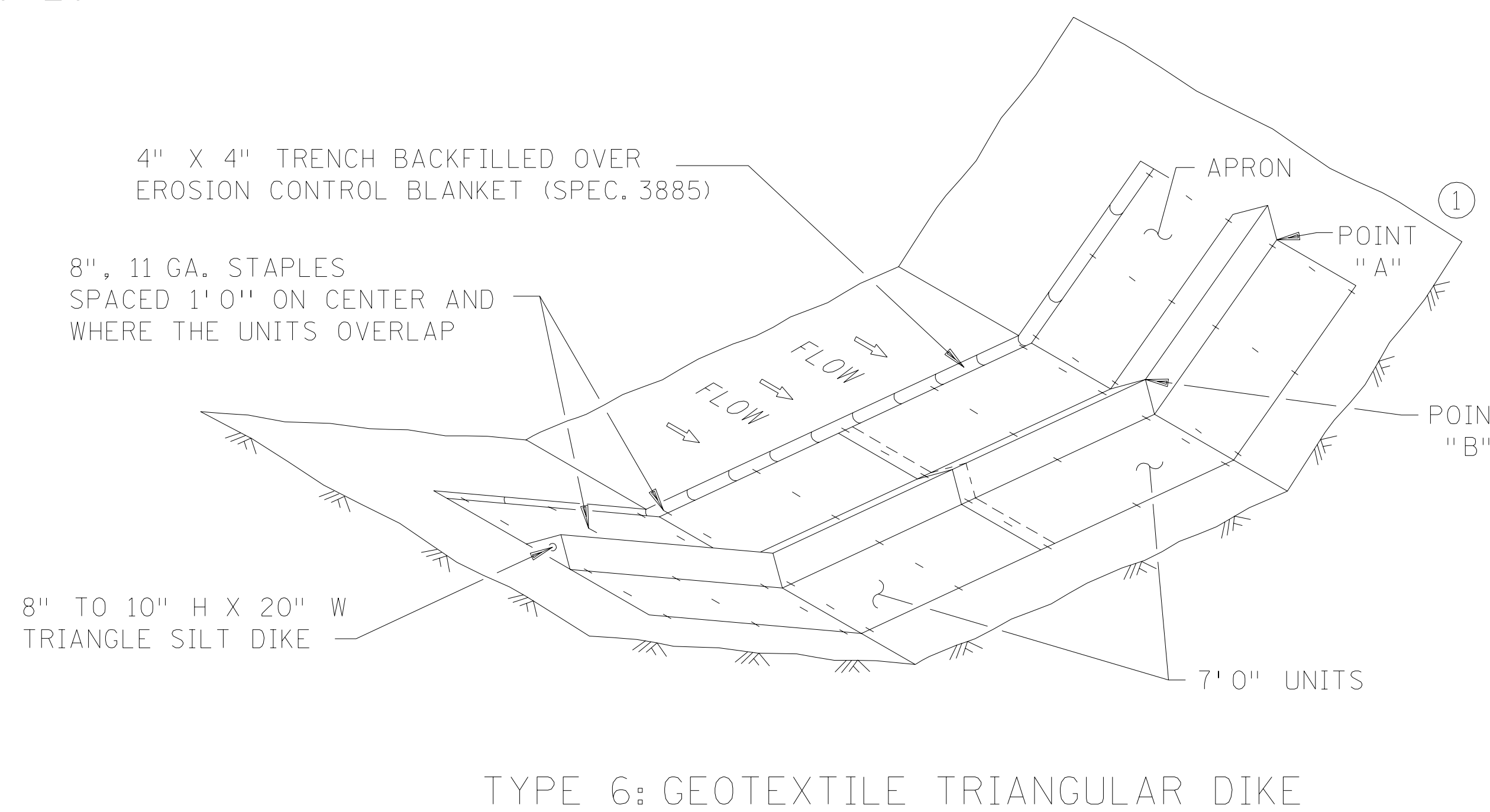
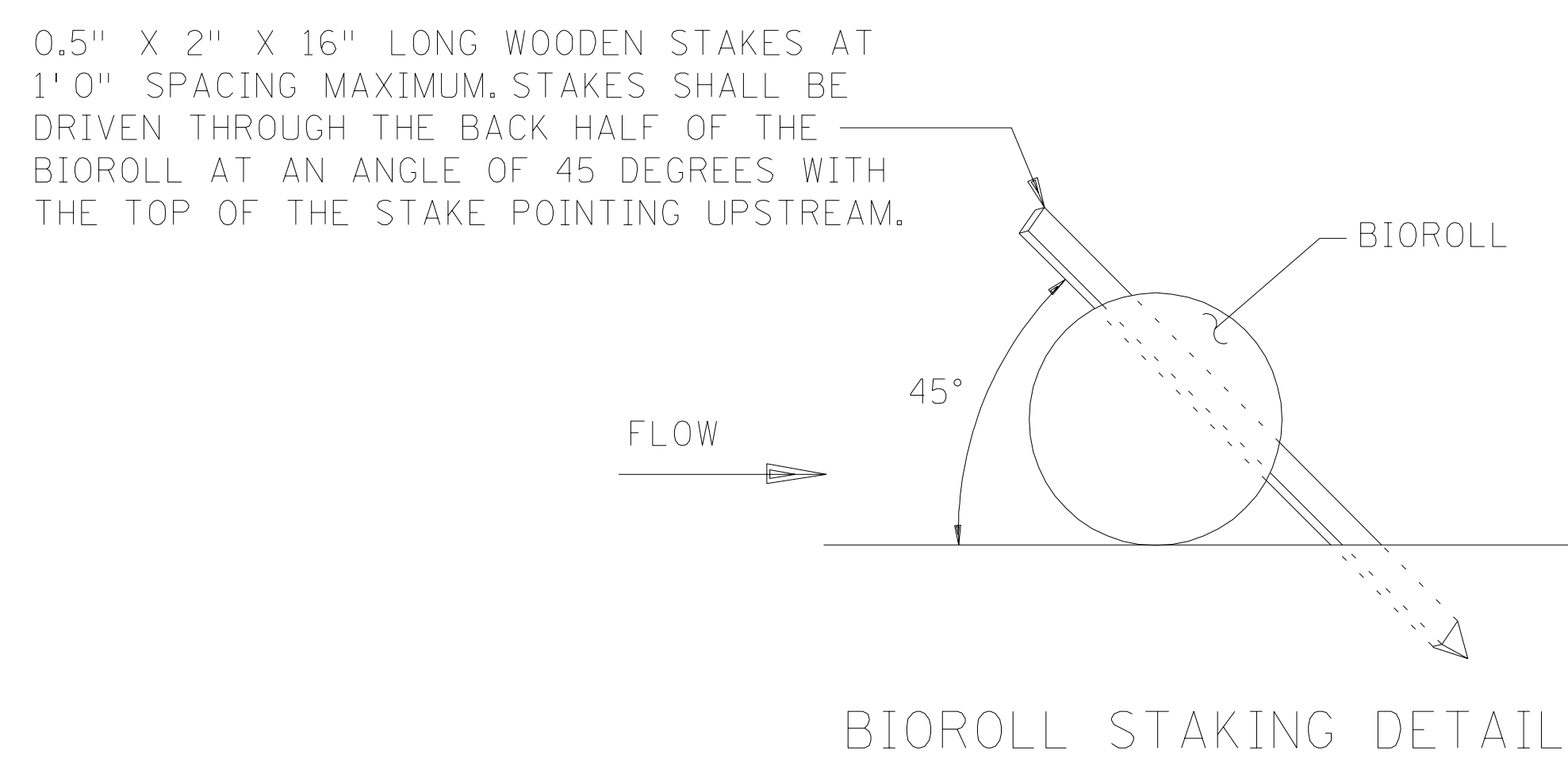
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\$\$\$@PATH@FILENAME@\$\$\$

IPLOT NAME: \$\$\$@IPLOT@NAME@\$\$\$  
 PATH & FILE NAME:  
 FILE NAME S4053.DGN



ROCK WEEPER AND ROCK DITCH CHECK  
 USE ON ROUGH GRADED AREAS



NOTES:

SEE SPECS. 2573, 3885, 3886 & 3889.

SPACING BETWEEN EACH DITCH CHECK SHOULD BE DETERMINED FROM SPACING FORMULA:

$$\text{SPACING OF DITCH CHECKS (FT.)} = \frac{\text{DITCH CHECK HEIGHT (FT)}}{\% \text{ CHANNEL SLOPE}} \times 100$$

① POINT "A" MUST BE A MINIMUM OF 6 INCHES HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

② CLASS I - IV RIPRAP (SPEC. 3601) WITH GEOTEXTILE FABRIC LINER, TYPE IV (SPEC. 3733)

GENERAL DESIGN GUIDELINES						
DITCH CHECK TYPE	SILT FENCE	BIOROLL	BIOROLL BLANKET	TRIANGULAR DIKE	ROCK WEEPER	ROCK CHECK
STORM FREQUENCY:	2 YR. - 24 HR.	2 YR. - 24 HR.	2 YR. - 24 HR.	2 YR. - 24 HR.	5 YR. - 24 HR.	5 YR. - 24 HR.
MAX. FLOW VELOCITY:	0% - .5%	1.5% - 3%	1.5% - 3%	1.5% - 2.0%	12 FT./SEC	12 FT./SEC
MAX. DITCH GRADE:	1 ACRE	2 ACRE	2 ACRE	4 ACRE	3% - 5%	3% - 5%
MAX. DRAINAGE AREA:					4+ ACRE	4+ ACRE

5-297.405 (3 OF 4)	TEMPORARY SEDIMENT CONTROL DITCH CHECK/BARRIER
STANDARD APPROVED: MONTH, 13 2005	
STATE PROJ. NO. _____	SHEET NO. ____ OF ____ SHEETS

REFERENCE DATE  
 9-01-05