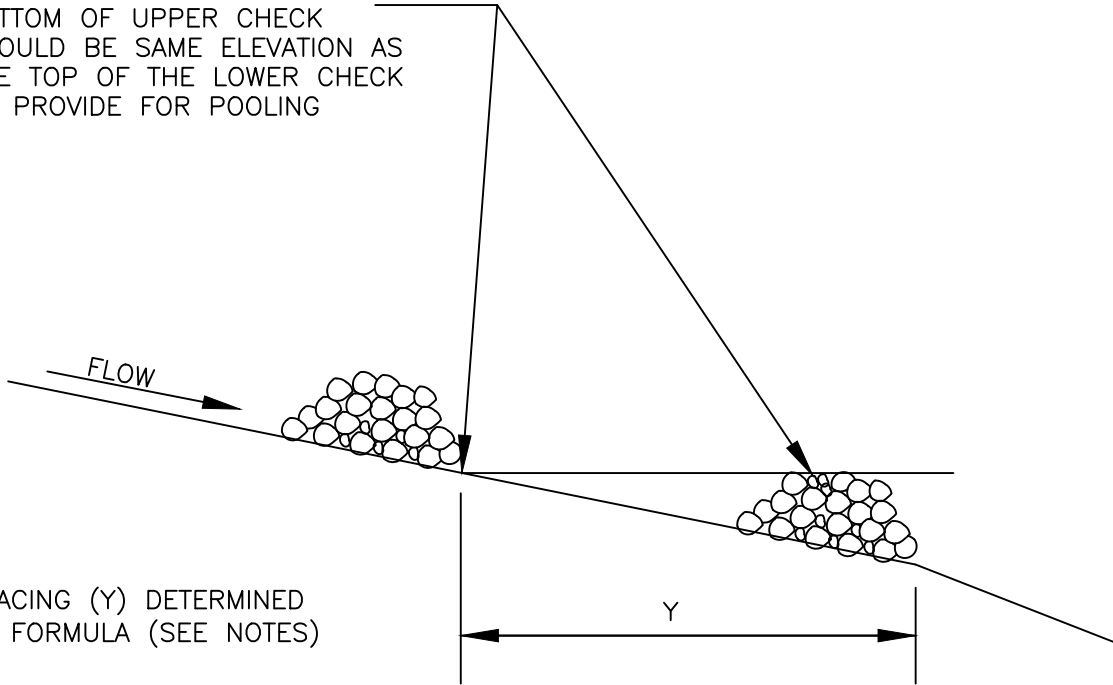


BOTTOM OF UPPER CHECK  
SHOULD BE SAME ELEVATION AS  
THE TOP OF THE LOWER CHECK  
TO PROVIDE FOR POOLING



SPACING (Y) DETERMINED  
BY FORMULA (SEE NOTES)

NOTES:

1. SEE MNDOT SPECS 2573, 3601, & 3889
2. APPROXIMATE SPACING BETWEEN EACH DITCH CHECK SHOULD BE DETERMINED FROM THE FOLLOWING SPACING FORMULA:

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

3. PERMANENT ROCK DITCH CHECKS PLACED WITHIN THE CLEAR ZONE WILL NEED TO BE 18" OR LESS IN HEIGHT. A 1:6 APPROACH AND DEPARTURE SLOPE SHALL BE PROVIDED.



DITCH CHECK SPACING

PLATE NO. LV-STM-25

DATE 02/2024