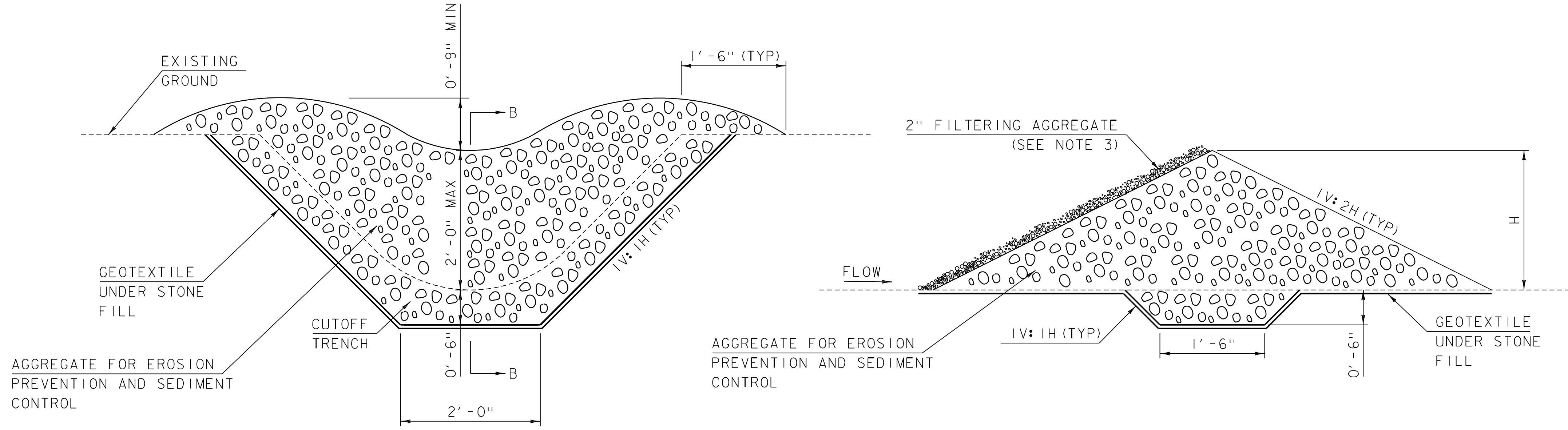


$$X = \frac{H (ft)}{\text{SLOPE} (ft/ft)}$$



GENERAL NOTES:

1. GEOTEXTILE UNDER STONE FILL SHALL BE USED TO SEPARATE AGGREGATE FOR EROSION PREVENTION AND SEDIMENT CONTROL FROM THE EXISTING GROUND.
2. CHECK DAMS SHALL BE SPACED SO THAT THE ELEVATION OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION AS THE TOE OF THE UPSTREAM DAM.
3. FILTERING AGGREGATE MAY BE ADDED TO THE FACE OF THE CHECK DAM AS NECESSARY.
4. FILTERING AGGREGATE SHALL MEET THE REQUIREMENTS OF SUBSECTION 704.02 AND TABLE 704.02C.
5. EXTEND THE STONE A MINIMUM OF 1'-6" BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
6. PROTECT CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
7. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
8. REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2019-" FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

REV.	DATE	DESCRIPTION
0	APR. 7, 2020	ORIGINAL APPROVAL
1	SEP. 11, 2023	MISC. REVISIONS
2	JUNE 25, 2024	MISC. SPEC UPDATES

OTHER STANDARDS REQUIRED: NONE

CHECK DAM, TYPE I

