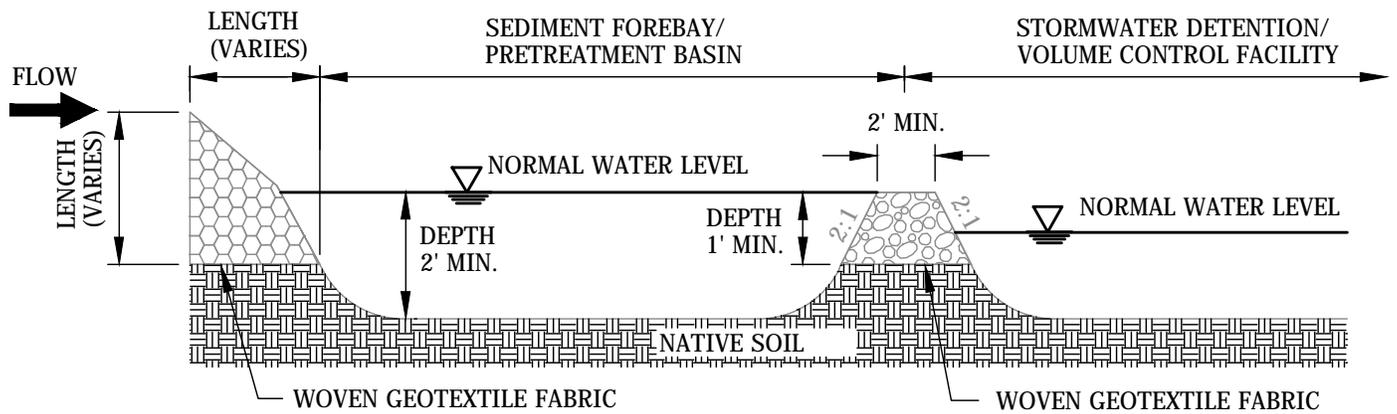


PLAN VIEW



PROFILE VIEW

NOTES:

- 1) RIPRAP APRON DIMENSIONS AND GRADATIONS SHALL BE DETERMINED ACCORDING TO IUM PRACTICE STANDARD 910, TABLES 1 AND 2.
- 2) WOVEN GEOTEXTILE FABRIC SHALL MEET OR EXCEED REQUIREMENTS IN ILLINOIS URBAN MANUAL MATERIAL SPECIFICATION 592, TABLE 1, CLASS I, II, OR III.
- 3) SEDIMENT FOREBAY/PRETREATMENT BASIN VOLUME SHALL BE A MINIMUM OF 10% OF THE STORMWATER DETENTION/VOLUME CONTROL STORAGE.
- 4) ROCK CHECK DAM DESIGNED IN ACCORDANCE WITH IUM PRACTICE STANDARD FOR ROCK CHECK DAM (905).
- 5) CONCRETE OVERFLOW SPILLWAY OR GABION BASKETS MAY BE USED IN PLACE OF ROCK CHECK DAM.
- 6) DEPTH IN SEDIMENT FOREBAY/PRETREATMENT BASIN SHALL BE A MINIMUM OF 2 FEET AND A MAXIMUM OF 6 FEET.
- 7) SIDE SLOPES OF OF FACILITY SHALL NOT EXCEED 3:1.

NOT TO SCALE



TECHNICAL GUIDANCE MANUAL

7/1/15

SEDIMENT FOREBAY/ PRETREATMENT BASIN
TYPICAL DETAIL

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