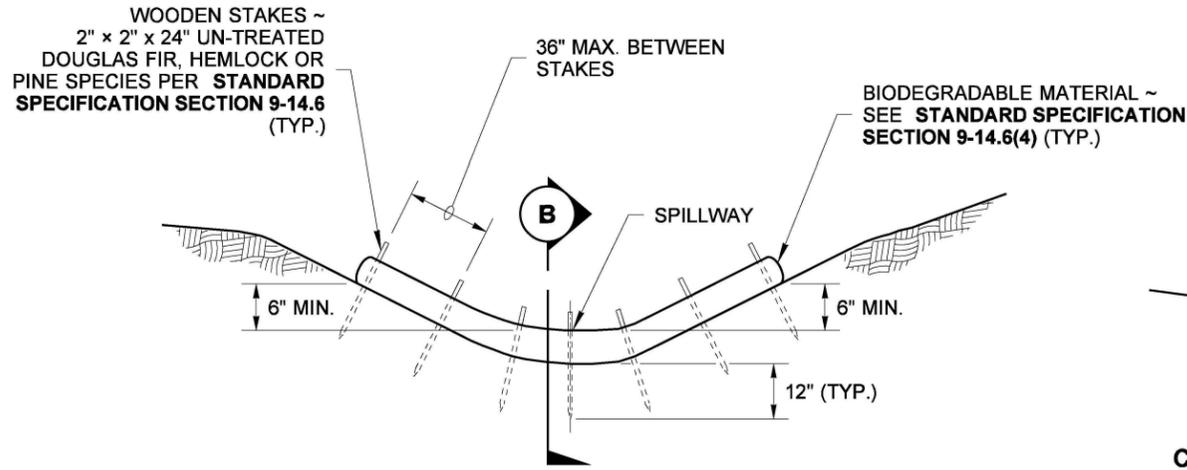
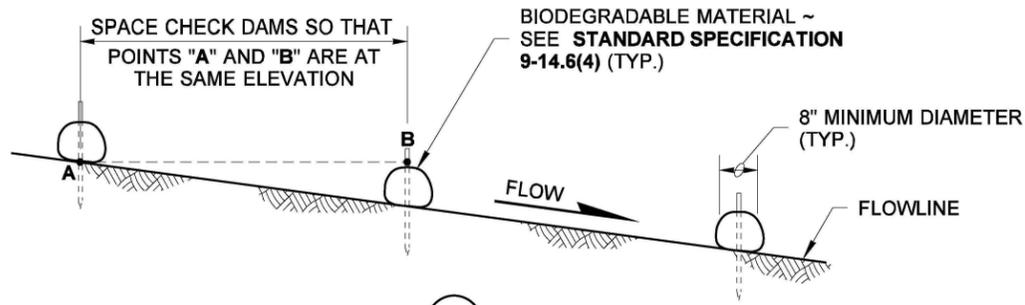


DRAWN BY: FERN LIDDELL



TYPICAL CHANNEL SECTION



CHANNEL PROFILE ~ SECTION B

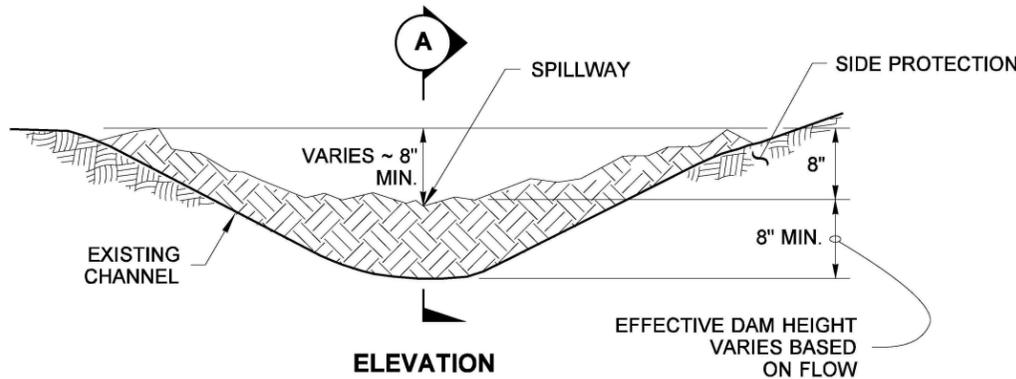
**BIODEGRADABLE CHECK DAM**

**BIODEGRADABLE CHECK DAM NOTE**

1. Biodegradable Check Dams may need additional or modified staking to prevent undercutting or scouring.

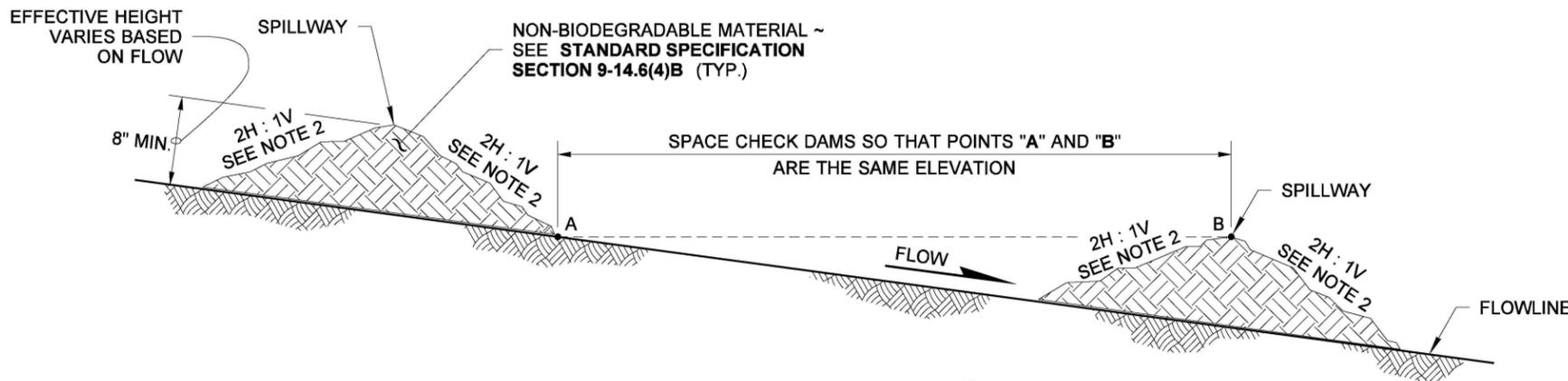
**NON-BIODEGRADABLE CHECK DAM NOTES**

1. Non-Biodegradable Manufactured Check Dam devices approved for use under **Standard Specification Section 9-14.6(4)B** shall be installed per manufacturer's recommendations and shall perform in accordance with **Standard Specification Section 8-01.3(6)**.
2. Rock Check Dams with slopes parallel to the roadway that are steeper than 10 H : 1 V shall be placed outside of the clear zone or behind traffic barrier.
3. To ensure adequate detention time, Rock Check Dams used as sediment control may need to be enhanced with plastic that meets the requirements of **Standard Specification Section 9-14.6(3)** or fabric that meets the geotextile requirements of **Standard Specification Section 9-33.2(1), Table 6**.



EXTENDED SECTION A

**NON-BIODEGRADABLE CHECK DAM**



**GENERAL NOTES**

1. Check Dams shall meet the requirements of **Standard Specification Sections 8-01.3(6) and 9-14.6(4)**.
2. In channels, install the sloped ends of the Check Dam a minimum of 8" higher than the spillway to ensure water flows over the dam and not around it.
3. Perform maintenance in accordance with **Standard Specification Section 8-01.3(15)**.
4. Remove Check Dams in accordance with **Standard Specification Section 8-01.3(16)**.



Jul 6, 2022

**CHECK DAMS ON CHANNELS**

**STANDARD PLAN I-50.20-02**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

*Mark Gaines*  
Mark Gaines (Jul 6, 2022 14:33 PDT)

Jul 6, 2022

STATE DESIGN ENGINEER



Washington State Department of Transportation