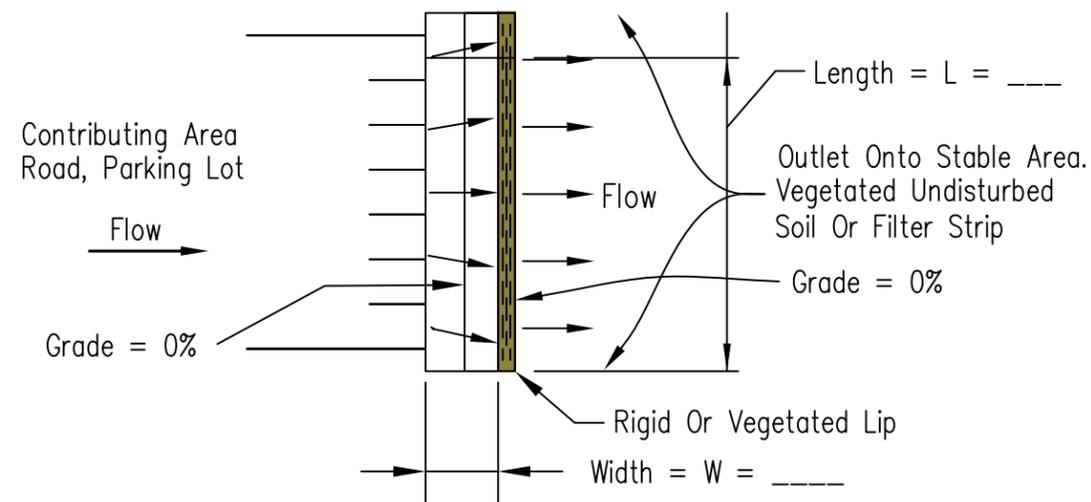


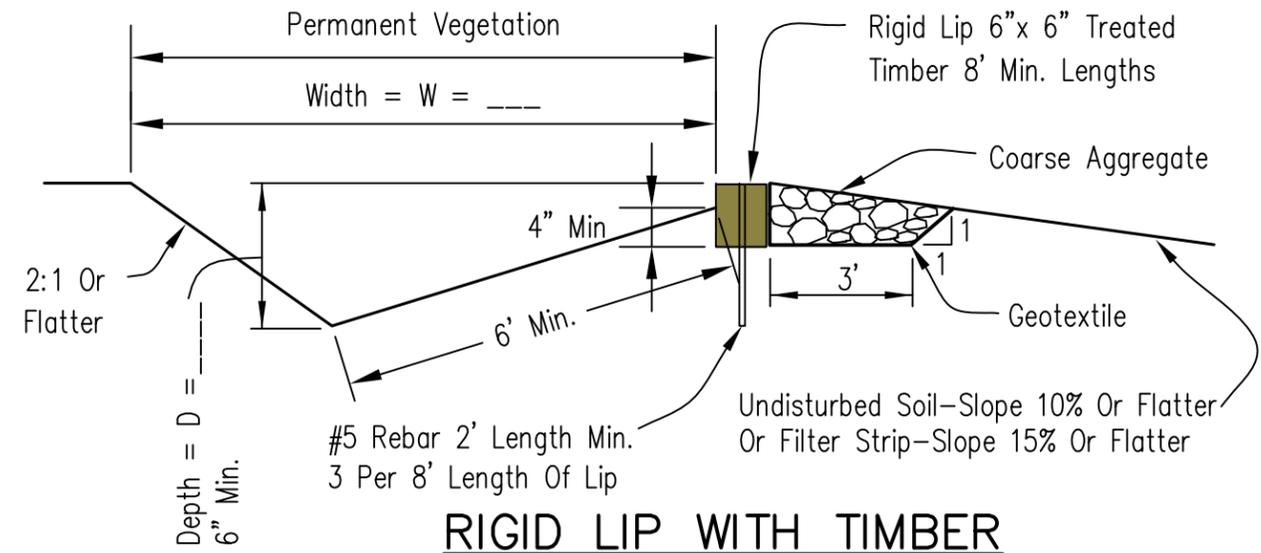
**LEVEL SPREADER FOR DIVERSION OUTLET**



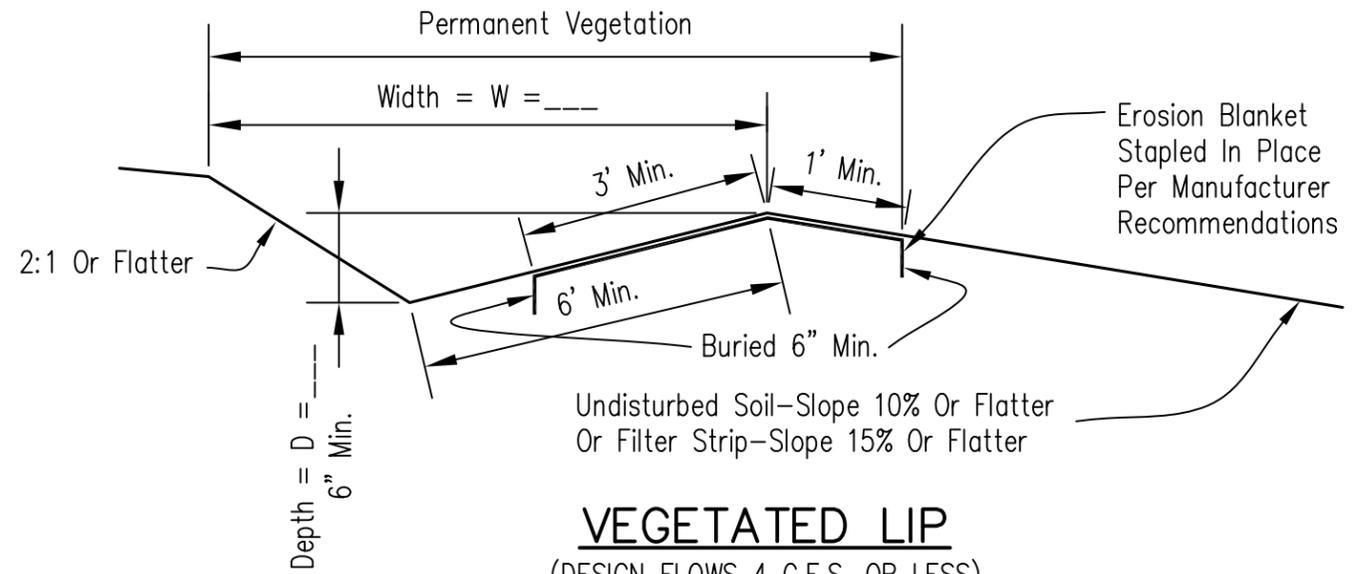
**LEVEL SPREADER FOR IMPERVIOUS AREAS**

**NOTES:**

1. Ends of spreader shall be tied into higher ground to prevent flow around level spreader.
2. See plans for L and W dimensions.



**RIGID LIP WITH TIMBER**  
(DESIGN FLOWS 4 C.F.S. TO 30 C.F.S.)



**VEGETATED LIP**  
(DESIGN FLOWS 4 C.F.S. OR LESS)

**NOTES:**

1. Coarse aggregate shall meet one of the following IDOT gradations: CA-1 or CA-3.
2. See plans for permanent seeding requirements
3. See plans for D and W dimensions.
4. Geotextile (non-woven, needle punched) min. criteria:
 

Grab Tensile strength (lb) ASTM D 4632	202
Elongation at failure (%) ASTM D 4632	≥50
Trapezoidal tear strength (lb) ASTM D 4533	79
Puncture strength (lb) ASTM D 6241	433
Ultraviolet light (% retained strength) ASTM 4355	min 50
Apparent opening size (AOS) ASTM D 4751	max 0.22 mm (US sieve size 70)
Permittivity sec <sup>-1</sup> / ASTM D 4491	min 0.70
5. Any geotextile splices shall overlap a minimum of 18 inches, with upstream or upslope geotextile overlapping the abutting downslope geotextile.

Date	10/1/13
Designed	M. QUINONES
Drawn	
Checked	
Approved	

**LEVEL SPREADER**

