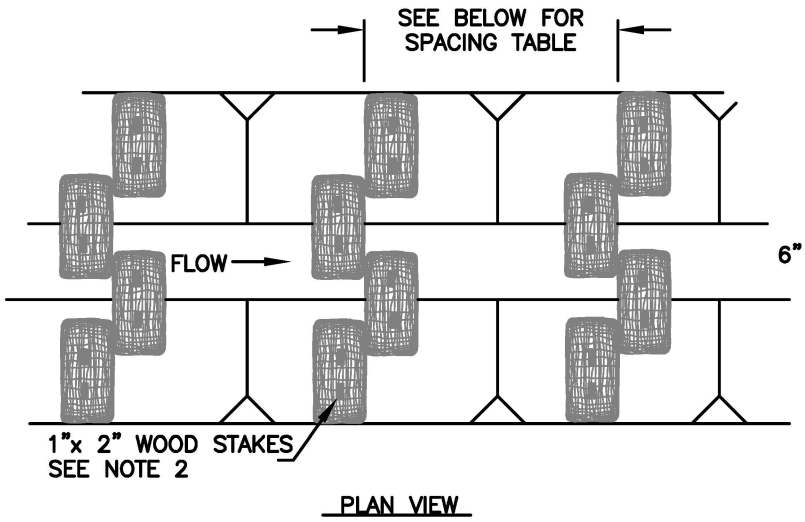
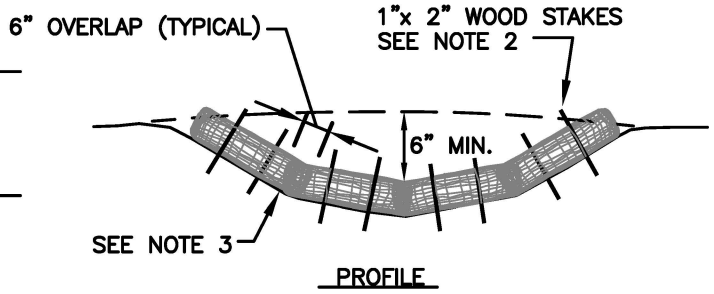
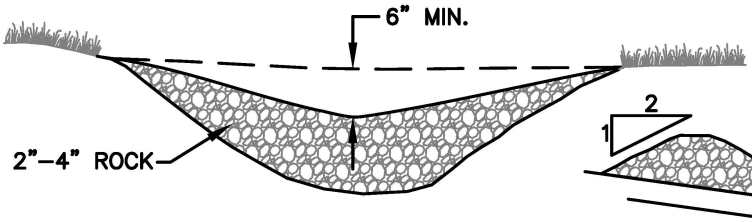
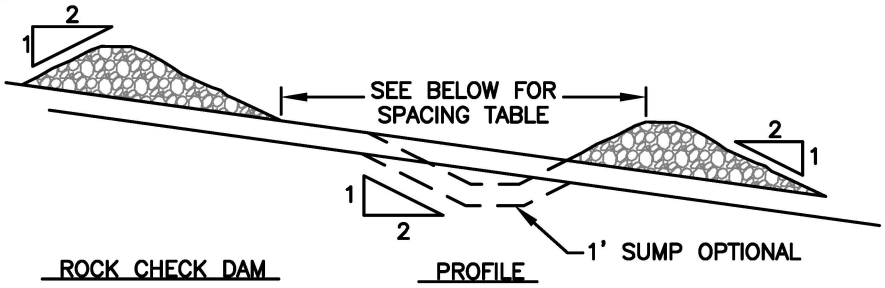




BIO-BAGS CHECK DAM





CHECK DAM NOTES:

1. CHECK DAMS SHALL BE USED IN TEMPORARY OR PERMANENT CHANNELS THAT DRAIN 10 ACRES OR LESS, ARE NOT YET VEGETATED, AND WHEN INSTALLING CHANNEL LINING IS NOT FEASIBLE.
2. STAKING OF BAGS REQUIRED USING (2) 1"X2" WOOD STAKES OR APPROVED EQUAL PER BAG.
3. SURFACE MUST BE SMOOTH BEFORE APPLICATION.
4. USE TYPICAL ROCK SIZE OF 2"-4". PLACE ROCK BY HAND OR BY MECHANICAL MEANS RATHER THAN DUMPING THE ROCK. BRIDGE ENTIRE DITCH OR SWALE WIDTH AND ENSURE THE CENTER OF THE DAM IS 6" LOWER THAN THE OUTER ENDS. FOR HIGHER VELOCITY FLOWS: ±5 FPS USE 6"-12" RIPRAP, AND HAND PLACE LARGER ROCK ON UPSTREAM SIDE OF DAM.
5. REMOVE CHECK DAMS FROM GRASS-LINED DITCHES AND SWALES ONCE THE GRASS IS ESTABLISHED. SEED, MULCH OR MAT THE AREA WHERE THE CHECK DAMS WERE, IMMEDIATELY FOLLOWING REMOVAL.
6. REFER TO BMP C207 IN VOLUME II OF THE WESTERN WASHINGTON MANUAL FOR MORE INFORMATION.

SPACING TABLE FOR CHECK DAMS:

DITCH GRADE	MINIMUM DEPTH		
	6 INCH	12 INCH	18 INCH
6%	**	L=16 FT.	L=26 FT.
5%	**	L=20 FT.	L=30 FT.
4%	**	L=26 FT.	L=40 FT.
3%	L=15 FT.	L=33 FT.	L=50 FT.
2%	L=25 FT.	L=50 FT.	L=80 FT.

**NOT ALLOWED

N.T.S.

CHECK DAM

STANDARD DETAIL

CITY OF BATTLE GROUND
APPROVED

Mark Henry 06/11/2018

CITY ENGINEER DATE

REVISIONS:	DATE:	DRAWN:	DESIGNED:
1	8/12/98	BSG	GGH
2	8/30/05	ALL	MCH
3	9/15/10	RMJ	RMJ
4	3/13/17	CAS	KDU

EC-6.00