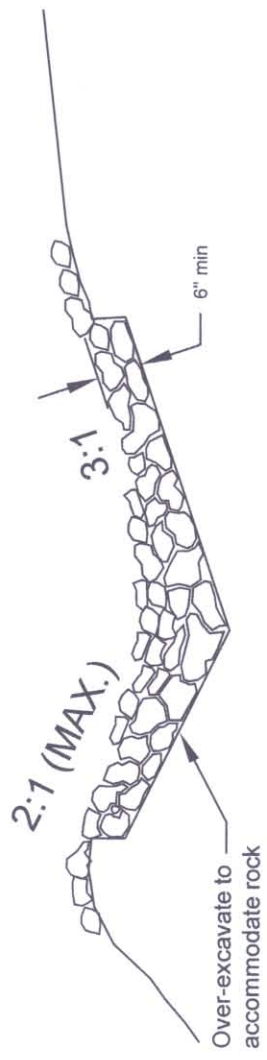


### DITCH IN CUT SECTION



### DITCH IN FILL SECTION

**NOTES:**

1. Rock material shall be 8" X 4" quarry spalls meeting WSDOT 9-13.6. Check dams may also be constructed of pea-gravel filled bags or other manufactured products available for this purpose or as approved by the City Engineer.
2. Depth of rock shall be a maximum of 2 feet at the center. The center of the check dam shall be at least twelve inches lower than the outer edges at natural ground elevation.

3. The maximum spacing between the dams shall be such that the toe of the upstream dam is at the same elevation as the top of the downstream dam.
4. Check dams shall be constructed per the Washington State DOE manual for Western Washington.
5. Check dams shall be monitored for performance and sediment accumulation during and after each runoff producing rainfall. Sediment shall be removed when it reaches one half the sump depth.
6. Key the stone into the ditch banks and extend it beyond the abutments a minimum of 18 inches to avoid washouts from overflow around the dam.

 DEPARTMENT OF PUBLIC WORKS	STANDARD PLANS	STM 011
	CHECK DAMS	APPROVED: <i>Stephens Jefferson</i> Director of Public Works/City Engineer
REVISION: JAN 2003	NOT TO SCALE	BY: L.C.