



NOTES:

1. THE MAXIMUM HEIGHT OF THE CHECK DAM AT THE CENTER SHALL NOT EXCEED ONE HALF THE DEPTH OF THE CHANNEL.
2. MAXIMUM SPACING SHALL BE SO THE TOE OF THE UPSTREAM DAM IS THE SAME ELEVATION AS THE LOWEST ELEVATION OF THE DOWNSTREAM DAM.
3. INSPECT CHECK DAMS AFTER EACH STORM EVENT TO ENSURE STRUCTURAL INTEGRITY.
4. THE CENTER OF THE CHECK DAM SHOULD ALWAYS BE LOWER THAN THE GROUND ELEVATION @ THE EDGES.
5. WHEN SEDIMENT HAS REACHED 1/2 THE ORIGINAL DAM (MEASURED @ THE CENTER) REMOVE ACCUMULATED SEDIMENT FROM THE UPSTREAM SIDE OF THE DAM.
6. WHEN CHECK DAMS ARE REMOVED, CARE SHOULD BE TAKEN TO REMOVE ALL DAM MATERIALS.
7. USE PERMANENT VEGETATION TO STABILIZE, SOD, OR QUICK ESTABLISH SEED MIXES.
8. IN HIGHLY ERODIBLE SOILS EROSION CONTROL BLANKET SHALL BE PLACED 2' UPSTREAM AND 2' DOWNSTREAM OF THE CHECK DAM.

CHECK DAM SPACING CRITERIA

WEIR HEIGHT	CHANNEL SLOPE	CHECK DAM SPACING
1.5	1%	150 FT.
2.0	1%	200 FT.
1.5	2%	75 FT.
2.0	2%	100 FT.
1.5	3%	50 FT.
2.0	3%	67 FT.
1.5	4%	38 FT.
2.0	4%	50 FT.
1.5	5%	30 FT.
2.0	5%	40 FT.

\*ASSUME CHANNEL DEPTH IS 2 TIMES WEIR HEIGHT

ROCK CHECK DAM DETAIL

NO SCALE