NOTES:

1. The maximum height of the check dam is 2'-0" at the center of the weir.
2. Construct check dam so that the center of the dam is 6" lower than the outer edges, forming a weir that water can flow across.
3. Install geotextile fabric underneath riprap on permanent check dams only.
4. Space dams so that the toe of the upstream dam is at the same elevation as the top of the weir of the downstream dam. Place dams no further than 20'-0" apart when the slope is less than 5%.

PLAN

SECTION A-A

SECTION B-B

ISOMETRIC VIEW

STONE CHECK DAM

TOP OF DITCH SLOPE

TOP OF DITCH SLOPE

TOP OF DITCH SLOPE

TOP OF DITCH SLOPE

DIRECTION OF FLOW

DIRECTION OF FLOW