NOT FOR CONSTRUCTION

CIVIL
LOW IMPACT DEVELOPMENT
ONE-ROCK
CHECK DAM

ENGINEERING STANDARDS

NOTES FOR DESIGNER:

(Do not include on construction drawings)

DESIGN LIMITATIONS:
1. TO BE USED WHEN DETAINED WATER HEIGHT IS 18" OR LESS.
2. LONGITUDINAL SLOPE OF CHANNEL SHOULD BE LESS THAN 8%.

SITING CRITERIA:
1. CHECK DAM HEIGHT AND WIDTH TO BE DESIGNED FOR SPECIFIC LOCATION
2. MOST EFFECTIVE IN SHALLOW, LOW FLOW CONVEYANCES.
3. EFFECTIVE IN SHALLOW, LOW FLOW CONVEYANCES.
4. VEGETATION SHOULD BE PLACED AWAY FROM CHECK DAM STRUCTURE AND BE ABLE TO WITHSTAND A PERIODIC INUNDATION.

CONSTRUCTION CRITERIA:
1. SOILS IN BOTTOM OF SWALE SHOULD NOT BE OVER-COMPACTED TO PROMOTE INFILTRATION.
2. IDENTIFY APPROPRIATE MATERIALS AND HOLD POINTS FOR INSPECTION AND APPROVAL DURING CONSTRUCTION.
3. PROVIDE ACCESS FOR MAINTENANCE.

GENERAL NOTES:

1. IF THIS SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY.

DISCIPLINE POC: JOHN O'BRIEN
STANDARDS MANAGER: TOBIN ORUCH

CHAPTER 3

ST-G20GEN-1.6