



NOTES

1. The check dam shall be constructed of 4–8–in diameter stone placed so that it completely covers the width of the channel. ODOT Type D stone is acceptable, but should be underlain with a gravel filter consisting of ODOT No. 3 or 4 or suitable filter fabric.
2. The check dam shall be placed so it completely covers the width of the channel.
3. The top center of the check dam shall be approximately 6–in lower than the outside edges, so runoff will flow across the center of the dam rather than around the edges.
4. The maximum height of the dam shall not exceed 3–ft.

MAINTENANCE

1. Aggregate check dams shall be inspected immediately after each rainfall and at least daily during prolonged rainfall.
2. Close attention shall be paid to the repair of damaged check dams, end runs and undercutting beneath dams.
3. Sediment deposits should be removed after each rainfall. They must be removed when the level of deposition reaches approximately one–half the height of the barrier.
4. Any sediment deposits remaining in place after the aggregate is no longer required shall be dressed to conform to the existing grade, prepared and seeded.

Approved By:

 City Engineer, EMH&T Inc

 City Service Director

STANDARD DIMENSIONS
 FOR
**AGGREGATE CHECK
 DAM**

CITY OF GROVE CITY, OHIO		
STANDARD CONSTRUCTION DRAWING		
Revised		Drawing No.
February 2019		C-GC-73A