GENERAL NOTES:

1. Riprap ditch check dams shall be spaced such that the top of the downstream check dam is at the same elevation as the toe of the adjacent upstream check dam.

2. The volume of #5 stone (cys) is as follow:
   - 2 ft at center: \(1/81 \times (a + 1.5 \times (b+c))\)
   - 3 ft at center: \(1/81 \times (a + 2 \times (b+c))\)

3. The area of geotextile fabric (sqy) is as follow:
   - 2 ft at center: \(1/9 \times (1.1 \times a + 18 \times (b+c))\)
   - 3 ft at center: \(1/9 \times (1.1 \times a + 24 \times (b+c))\)

INDIANA DEPARTMENT OF TRANSPORTATION
TEMPORARY CHECK DAM, REVESTMENT RERAPI
SEPTEMBER 2009
STANDARD DRAWING NO. E 205-TECD-01

/s/ Richard L. VanCleave 09/01/09
DESIGN STANDARDS ENGINEER

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