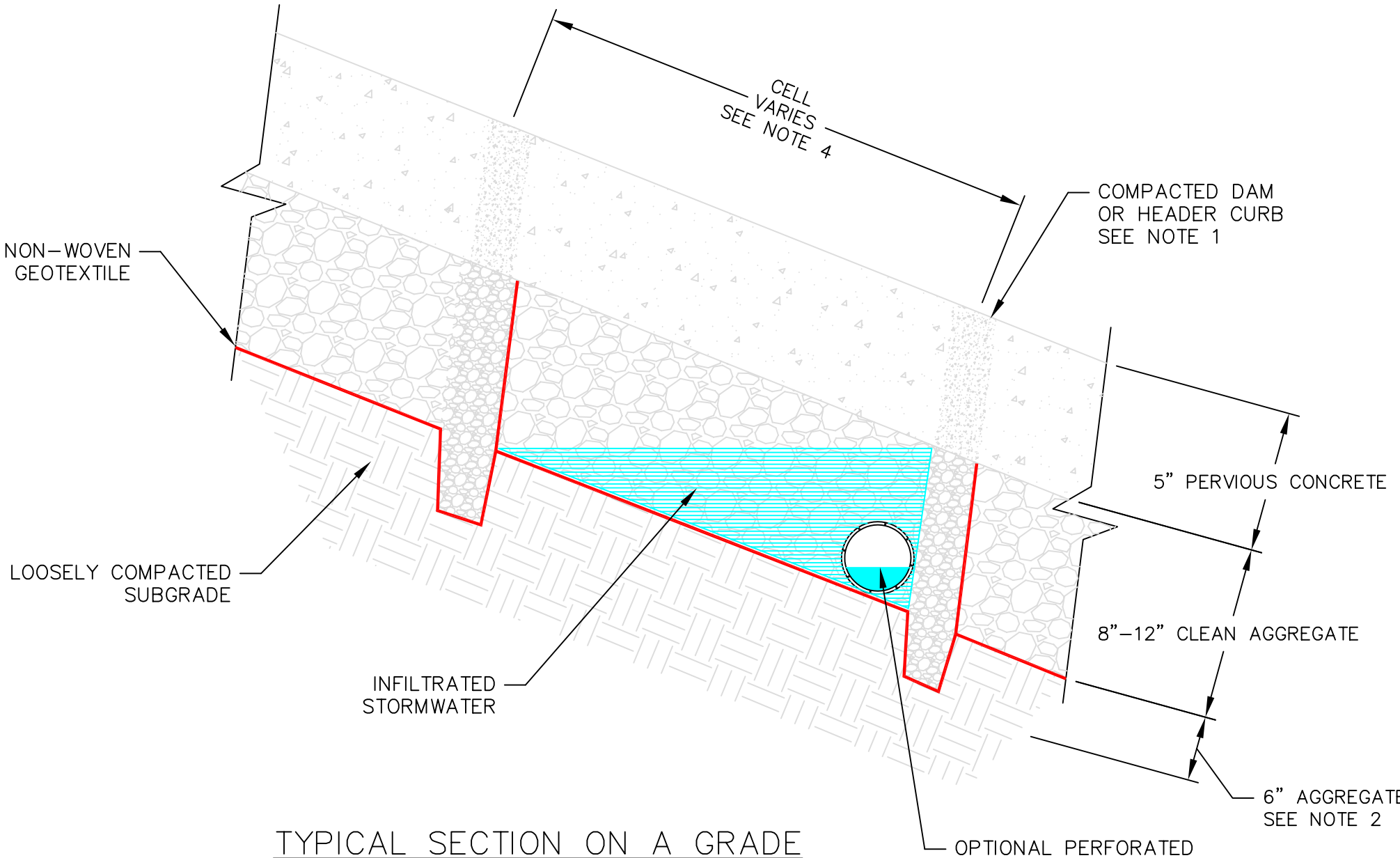

TYPICAL SECTION ON A GRADE

NOT TO SCALE

NOTES:

1. PLACE A HEADER CURB OR OVER–COMPACT THE PERVIOUS CONCRETE TO CREATE AN IMPERMEABLE DAM TO PREVENT MIGRATION OF STORMWATER TO OTHER CELLS.
2. ADD FINES TO AGGREGATE DAMS TO PREVENT MIGRATION OF STORMWATER TO OTHER CELLS.
3. A 6" PERFORATED PIPE MAY BE INSTALLED PERPENDICULAR TO THE SIDEWALK, ON THE LOWER DAM OF EACH CELL, TO AID IN WATER DISPERSION.
4. DISTANCE BETWEEN DAMS EQUALS DISTANCE INFILTRATED WATER TRAVELS BEFORE REACHING TOP OF AGGREGATE BASE IN EACH CELL, AS SHOWN ON DETAIL. THIS IS A FUNCTION OF THE SLOPE.
5. EXPANSION JOINTS TO BE PLACED EVERY 20 FEET AND AT EACH DRIVEWAY CUT AS PER THE DETAIL AND SPECIFICATIONS.

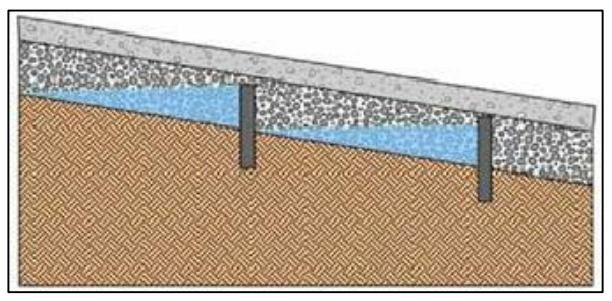

FIGURE 1A. A "CHECK DAM" APPROACH MAY BE USEFUL IN LONG, SLOPED PAVEMENTS. SEE DETAIL ABOVE

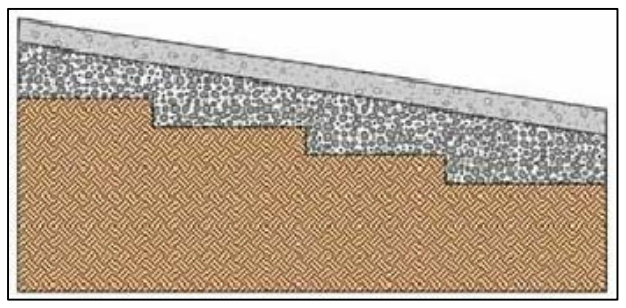

FIGURE 1B. TERRACES IN PERVIOUS CONCRETE PAVEMENT SYSTEM RECHARGE BED WITH LONG SLOPES.

AGGREGATE DAM

HEADER CURB

TYPICAL TOWNSHIP SIDEWALK DETAILS

SLOPE GREATER THAN 1%

PERVIOUS CONCRETE SIDEWALK

FOR:

SCALE: NONE

DRAWN BY:KMJ

DATE: 4/4/09

K. M. JUSTICE, P.E.
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CEMENT SHIPPERS ASSOCIATION