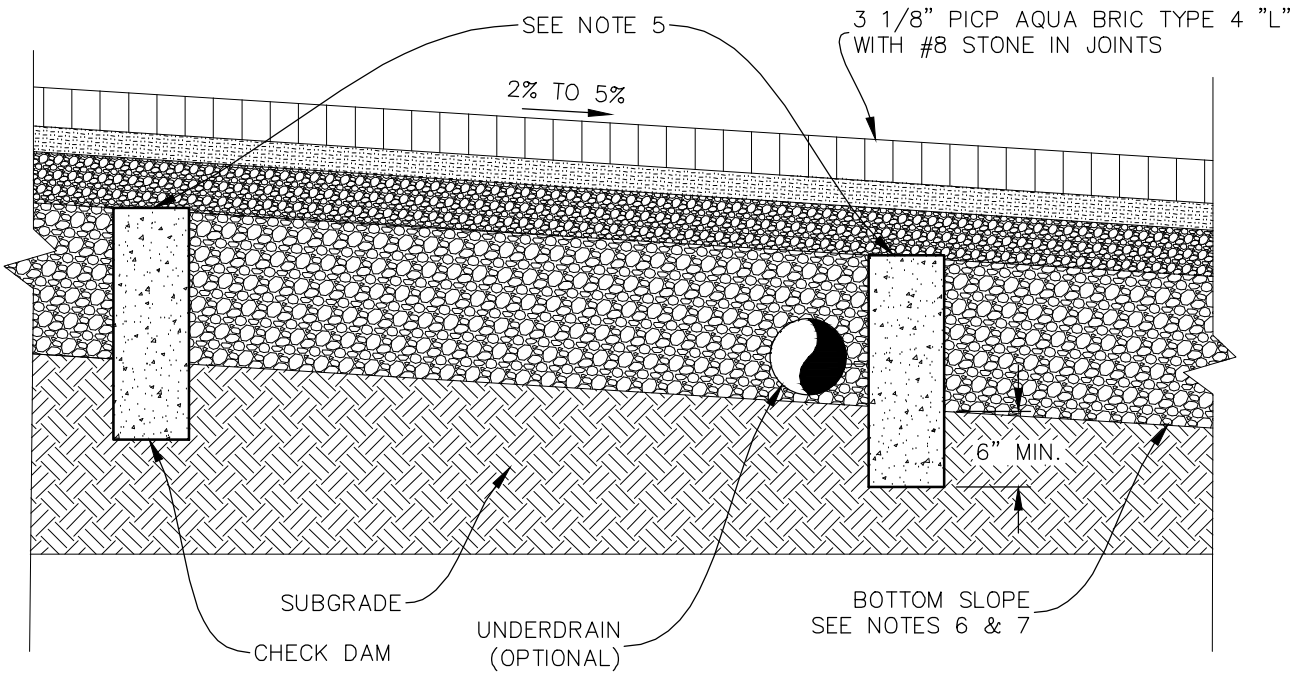

PROFILE FOR SLOPED SUBGRADE

NTS

NOTES:

1. CHECK DAMS TO BE USED FOR INSTALLATION WITH BOTTOM SLOPES GREATER THAN 2% LONGITUDINALLY, OR AS DIRECTED BY THE CONTRACT DOCUMENTS.

2. BOTTOM SLOPE = 0% TO 5% BUT NO STEEPER THAN TOP SLOPE, PER DESIGN PLANS. ENGINEER TO DESIGN SYSTEM TO ACHIEVE STORAGE, DRAW-DOWN, STRUCTURAL, AND FREEZE-THAW REQUIREMENTS. BOTTOM SLOPE DOES HAVE TO BE PARALLEL TO TOP SLOPE.

3. FOR FACILITIES WITH IMPERMEABLE LINER, A MINIMUM BOTTOM SLOPE SHALL BE 2% TO DRAIN DRY.

4. DISTANCE BETWEEN CHECK DAMS IS ESTABLISHED SO THAT THE INFILTRATED WATER DOES NOT REACH THE BOTTOM OF AGGREGATE BASE OF PAVEMENT IN EACH CELL. REFER TO THE CONTRACT DOCUMENTS FOR SPACING.

5. EDGE RESTRAINTS SHALL BE DAYLIGHTED TO SURFACE. CHECK DAMS SHALL ONLY EXTEND TO BOTTOM OF OPEN GRADED CHOKER COURSE, PER LONGITUDINAL SLOPE DETAIL ON THIS SHEET.

6. 6" MIN. IS REQUIRED BELOW ADJOINING PAVEMENT SECTIONS WITH A 15" MIN. TOTAL DEPTH OF FOUNDATION ON A STABLE BASE. THE DEPTH CAN BE ADJUSTED TO MATCH AN ADJOINING SUBGRADE.

7. MATERIALS: 4,000 PSI CONCRETE PER CONTRACT DOCUMENTS. OTHER TYPES OF EDGE RESTRAINTS, SUCH AS STEEL OR PLASTIC SHALL BE ALLOWED AS APPROVED BY THE ENGINEER.

SWM PAVE
EAGLE BAY STORMWATER SYSTEM

DATE: 05-01-15 | DWG: 8 OF 14

SWM PAVE CHECK DAM STANDARD PROFILE