Permeable Paver Detail

1. THIS PERMEABLE PAVEMENT DETAIL IS A COMMERICAL APPLICATION.
2. AL AGGREGATE MATERIAL SHALL BE CRUSHED.
3. COMPA CT SUSBION WTH A CALIFORNIA BEARING RATIO (CBR) OF LESS THAN 5% AS DIRECTED BY A PROFESSSIONAL ENGINEER.
4. SURFACE SLOPE SHALL BE A MINIMUM OF 1% AND NOT MORE THAN 2%. 
5. INSTALL PVC UNDERDRAIN PIPE WHERE RECOMMENDED MINIMUM AND MUST BE DESIGNED BY A PROFESSSIONAL ENGINEER.
6. NEVER BUILD PERMEABLE PAVEMENTS ON ORGANIC MATERIALS. PROFESSIONAL ENGINEER IN HER/HER SIZE AS DIRECTED BY A PROFESSSIONAL ENGINEER.
7. MAINTAIN A MINIMUM DISTANCE OF 2 INCHES BETWEEN BOTTOM OF PERMEABLE BASE AND WATER TABLE.
8. THE MINIMUM AGERATE THICKNESS WILL BE AT LEAST 1 1/4".
9. CROWN ROADWAY APPLICATION AT A 1/2 TO 1 1/4".
10. CROWNING IS NOT FOR DRAINAGE PURPOSES.

NOTES:
1. ONLY USE COARSED ANNUAL GRANITE CHIPS FOR FILLING JOURNT MATERIAL IN ROADWAY APPLICATIONS.
2. DRAINAGE SLOPE FOR INCREASED PAVEMENT STURNESS.
3. WRAP WITH GEOTEXTILE INFILLATION IS LESS THAN 0.5 IN./HR.
4. PVC UNDERDRAIN PIPE: INSTALL AS DIRECTED BY A PROFESSIONAL ENGINEER.
5. GEOTEXSTILE MATERIAL: INSTALL AS DIRECTED BY A PROFESSIONAL ENGINEER.
6. SLOPE TO DRAIN:
   a. MIN. UDR = 5% (COMPACT IF LESS THAN 5%)
   b. ASMR NO. 2
   c. OPEN-GRADED, CRUSHED, ANGULAR STONE: 1 1/2 - 2"
   d. MIN. PERMEABLE BASE AGGREGATE: 6"
   e. ASMR NO. 8
   f. OPEN-GRADED, CRUSHED, ANGULAR STONE: 1/4" - 1/2"
   g. CHIPS (2-5 MM)
   h. ASMR NO. 8 OR 1/2 TO 3/16 INCH CRANITE OPEN-GRADED, CRUSHED, ANGULAR STONE

NOTES:
- INSTALL PERMEABLE PAVERS.