



**POROUS ASPHALT SECTION**

NOT TO SCALE

**NOTES:**

1. SEE DRIVEWAY STANDARD PLANS CK-R.21 FOR JOINTING AND LAYOUT.
2. POROUS HOT MIX ASPHALT (PHMA) SHALL CONFORM TO WSDOT 9-03.8/5-04.2.
3. AGGREGATE FOR BASE COURSE SHALL BE CLEAN, ANGULAR DRAIN ROCK CONFORMING TO PERMEABLE BALLAST WSDOT 9-03.9(2). BEFORE PLACEMENT OF BASE AGGREGATE AND POROUS ASPHALT, REMOVE ANY FINE DEPOSITED MATERIAL WITH LIGHT EQUIPMENT AND SCARIFY AREA TO A MIN. 6 INCH DEPTH.
4. POROUS ASPHALT SHALL NOT BE POURED IN ADVERSE WEATHER CONDITIONS. SEE POLICY R-8, PLACING CONCRETE OR ASPHALT IN ADVERSE WEATHER CONDITIONS.
5. POROUS DRIVEWAY TO BE INSTALLED AFTER CONSTRUCTION OF HOUSE. AFTER INSTALLATION, PROTECT POROUS ASPHALT FROM LANDSCAPE AND OTHER CONSTRUCTION ACTIVITIES.
6. SUBGRADE IS TO BE COMPACTED TO THE MINIMUM NECESSARY FOR STRUCTURAL STABILITY, USING DUAL WHEEL SMALL MECHANICAL ROLLERS IN STATIC MODE. HEAVY EQUIPMENT OR TRUCK TRAFFIC IS NOT ALLOWED ON SUBGRADE. SCARIFY TOP 1/4" OF SURFACE PRIOR TO PLACEMENT OF GEOTEXTILE.
7. TO PREVENT COMPACTION, INSTALL THE AGGREGATE BASE IN THE FOLLOWING MANER (BACK-DUMPING):
  - DUMP AGGREGATE BASE ONTO SUBGRADE FROM THE EDGE OF THE INSTALLATION, THEN PUSH IT OUT TO THE SUBGRADE.
  - DUMP SUBSEQUENT LOADS FROM ON TOP OF THE AGGREGATE BASE AS THE INSTALLATION PROGRESSES.
8. POROUS ASPHALT SHALL BE TESTED PRIOR TO ACCEPTANCE. ONE TEST PER 2500 SF AREA MINIMUM. TESTING SHALL MEET ASTM C1701 AND SHALL MEET A MINIMUM OF 100 IN/HR.
9. SLOPE SHALL NOT EXCEED 5% FOR POROUS ASPHALT.
10. POROUS ASPHALT SHALL NOT CONTAIN MOTTLING OR SURFACE RAVELING.
11. NO HORIZONTAL GEOTEXTILE FABRIC UNLESS RECOMMENDED BY GEOTECHNICAL PROFESSIONAL DUE TO POOR SOIL STRENGTH. VERTICAL SEPARATION WITH GEOTECHNICAL FABRIC MAY BE REQUIRED PER ENGINEER DEPENDENT ON ADJACENT STRUCTURES.
12. A 6" CLEAN SAND LINER CAN BE PLACED IN LIEU OF MEETING THE CRITERIA FOR GROUNDWATER PROTECTION (SECTION 5.2.1 OF KCSWDM) FOR DRIVEWAYS SERVING TWO HOUSEHOLDS OR LESS.

**IF SPECIAL INSPECTION  
REQUIRED,  
SEE POLICY D-8.**

<b>CITY OF KIRKLAND</b>	
<b>PLAN NO. CK - L.08</b>	
	<b>POROUS ASPHALT DETAIL</b>