



PERMEABLE PAVER SECTION

NOT TO SCALE

NOTES:

1. SEE DRIVEWAY STANDARD PLANS CK-R.21 FOR JOINTING AND LAYOUT.
2. PERMEABLE PAVERS SHALL CONFORM TO ALL REQUIREMENTS BELOW:
 - A. 3-1/8" THICK PAVERS FOR VEHICULAR APPLICATIONS
 - B. 2-3/8" THICK PAVERS FOR PEDESTRIAN AREAS
 - C. SURFACE AREA AND ASPECT RATIO REQUIREMENTS OF ASTM C936
3. AGGREGATE FOR BASE COURSE SHALL BE CLEAN, ANGULAR ROCK 1-1/4", CONFORMING TO PERMEABLE BALLAST WSDOT 9-03.9(2).
4. PERMEABLE PAVERS TO BE INSTALLED AFTER CONSTRUCTION OF HOUSE. AFTER INSTALLATION, PROTECT PERMEABLE PAVEMENT FROM LANDSCAPE AND OTHER CONSTRUCTION ACTIVITIES.
5. 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.
6. TO PREVENT COMPACTION, INSTALL THE AGGREGATE BASE IN THE FOLLOWING MANNER (BACK-DUMPING):
 - DUMP AGGREGATE BASE ONTO SUBGRADE FROM THE EDGE OF THE INSTALLATION, THEN PUSH IT OUT ONTO THE SUBGRADE.
 - DUMP SUBSEQUENT LOADS FROM ON TOP OF THE AGGREGATE BASE AS THE INSTALLATION PROGRESSES.
7. PERVIOUS CONCRETE SIDEWALK 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.
8. IMPERVIOUS CHECK DAMS IN THE BASE COURSE ARE REQUIRED FOR SLOPES BETWEEN 5% AND 10%. SLOPE SHALL NOT EXCEED 10%.
9. 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.
10. 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.

CITY OF KIRKLAND

PLAN NO. CK- L.09



**PERMEABLE PAVER
DETAIL**