PERVIOUS CONCRETE
BLOCK OR "PAVER" SYSTEMS

Pavers with (½"-1" max)
Open Surface Spacers

Finish Grade, see Note 2

ASTM No.8 Stone Fill
Wearing Course
Leveling Course (Optional)
Reservoir Course
Runoff Treatment Layer
(if required)
Non-Woven Geotextile Bottom
And Sides (Optional). Extend
Geotextile Above Pavers.
After Installation Is
Complete, Cut Geotextile At
Finished Grade (Typ.)

Subgrade

GRASS PAVING

Modular Plastic Grid
System i.e. Grass Pave
Or Equal (See Notes)
Fill Grid With Sandy Loam
Topsoil Mix (See Parks Detail
New-1-Turf/Lawn Planting)

Top Of Grid 1" Flush
With Top Of Asphalt

Asphalt Or Concrete
Or Existing Surface
Up To 2% Slope

4" Min. Compact Depth Gravel
Backfill For Drains Per Standard
Specifications 9-03.12(4)

NOTES:

1. Permeable pavement within city right-of-way requires approval by the city when placed beneath a
traveled way. These guidelines provide a minimum depth for the hydraulic performance of the
permeable pavement. The structural capacity of pavement sections when subject to vehicular
loads depends on several factors and must be designed by a licensed professional engineer.
2. Longitudinal slope, 0% to 10% max.
3. Use check dam or other methods to maximize ponding in the subsurface if slope exceeds 2%, per
standard detail NDP-15.
4. Install Per LID Technical Guidance Manual for Puget Sound (2005 or current) or manufacturer.
5. See NDP Chapter D6-04 herein for all materials.
6. Some interlocking concrete paver systems recommend a base course between the leveling and
reservoir courses.

City of
Bellevue

STORM AND SURFACE
WATER UTILITY

TITLE

PERVIOUS PAVER SYSTEMS

JANUARY 2015

NO SCALE

NO. NDP-12