

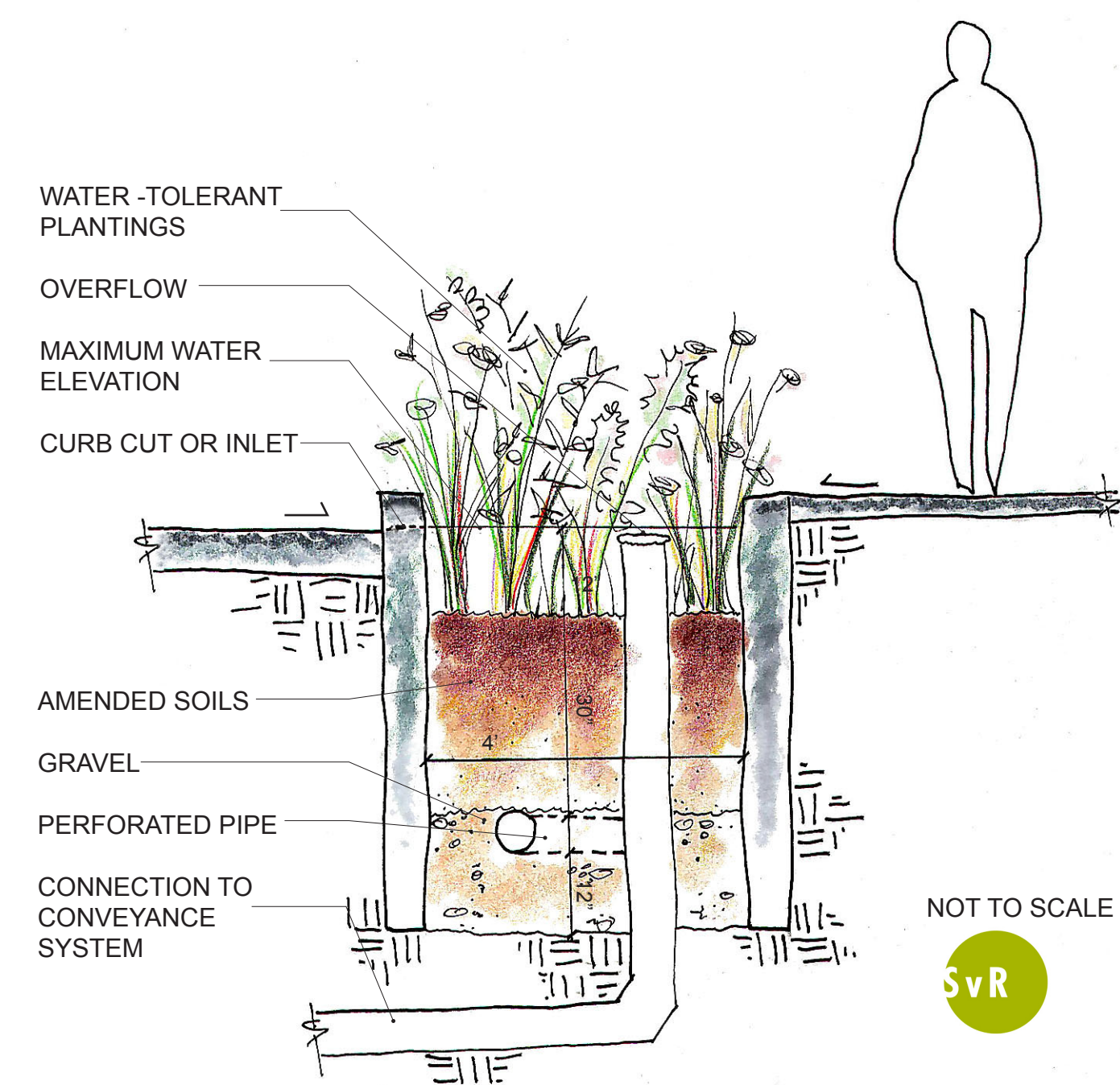
# Low Impact Development Toolkit

## Options for the Aurora Corridor Project

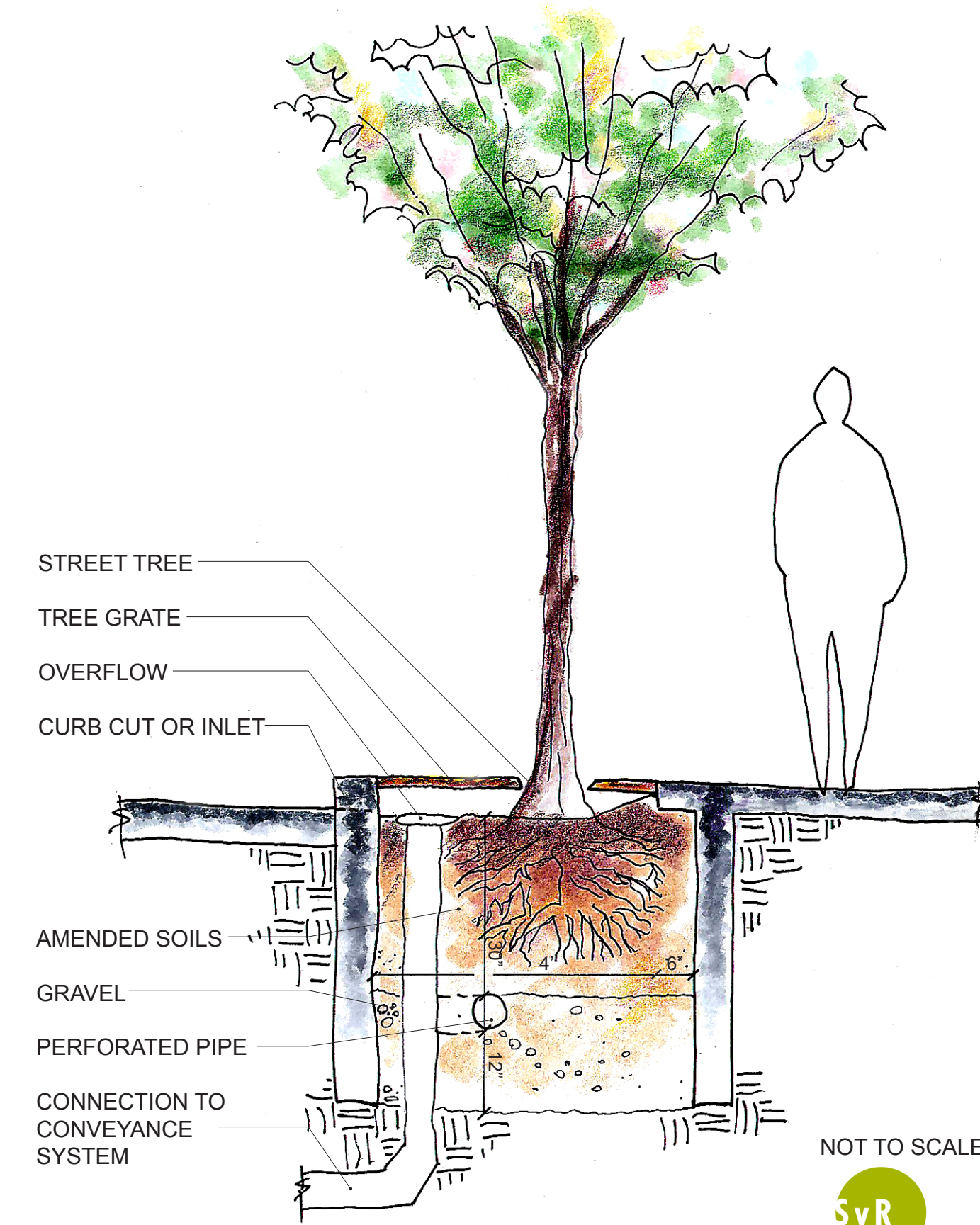


### Stormwater Planter Boxes & Tree Box Filters

(Standard road design)



Stormwater Planter Section

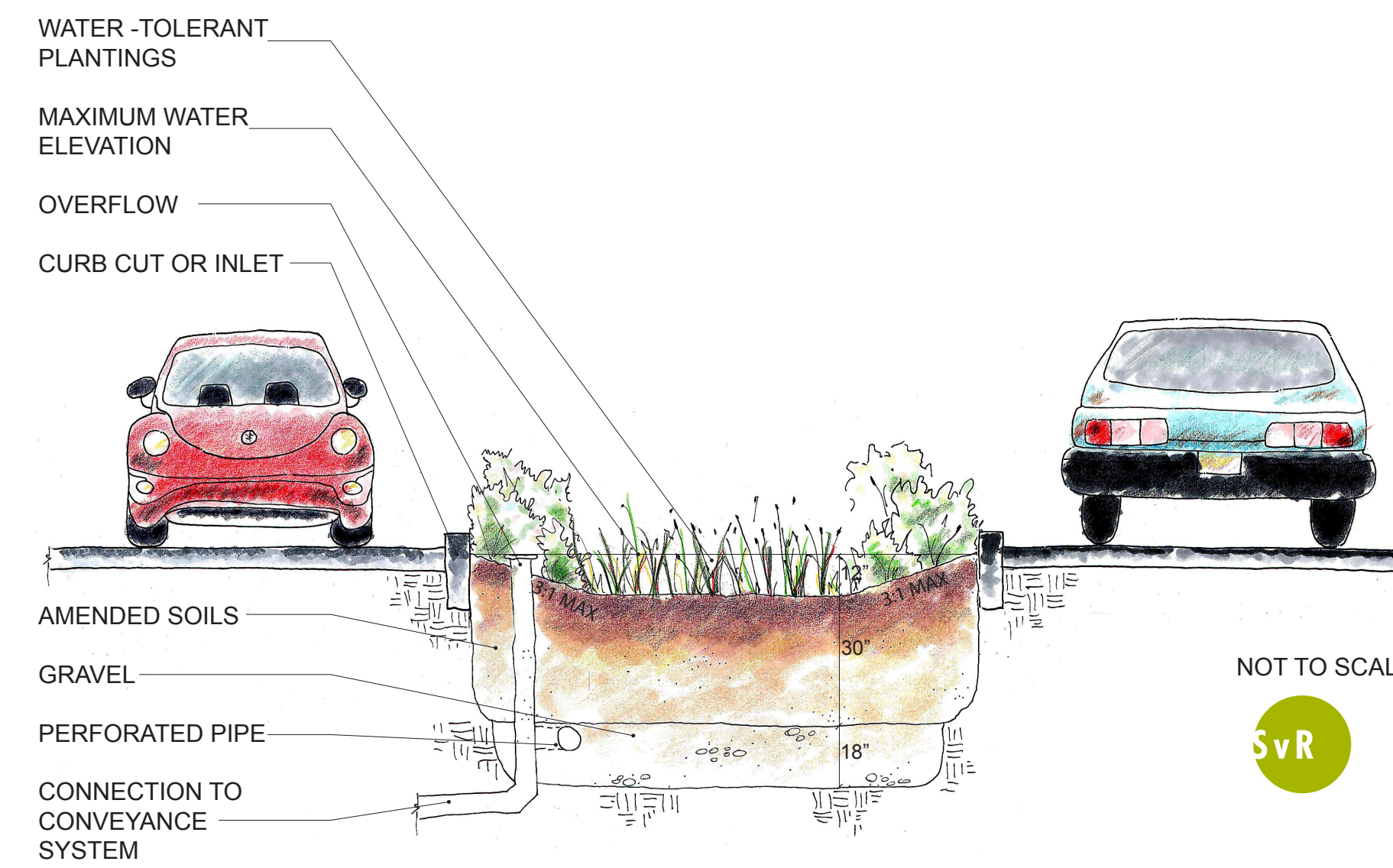


Tree Box Filter Section

- Fits within the amenity zone of alternative B , alternative C, and draft recommended alternative.
- Meets Basic Water Quality treatment regulations by removing over 80% of Total Suspended Solids (sediment).
- Collects curb/gutter flow.
- Conveys excess stormwater or overflows to catchbasin.
- Creates a separation between motor vehicle and pedestrian travel modes.

### Bioretention Swale Medians

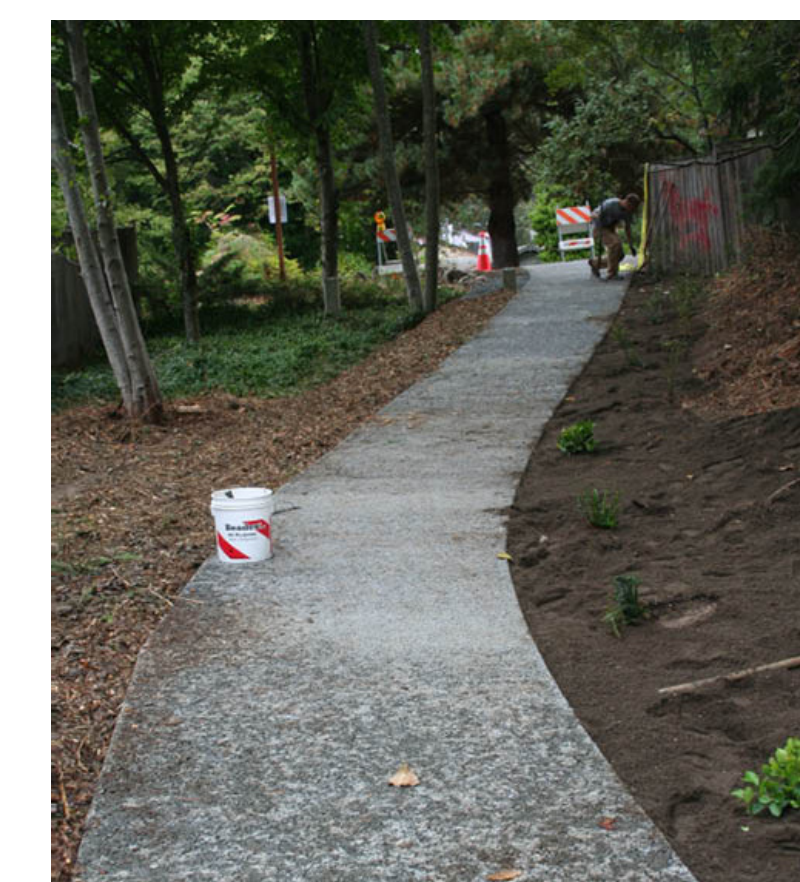
(Reverse crown road design)



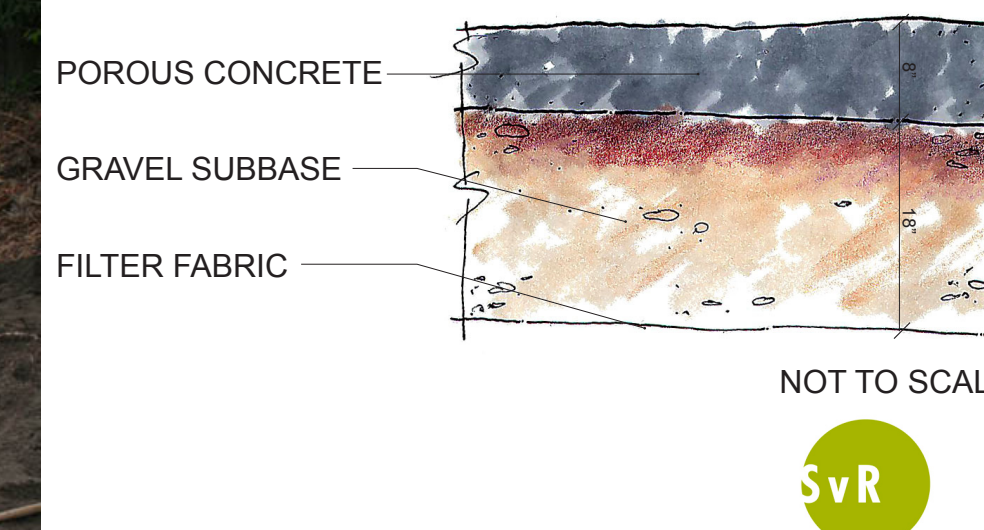
Bioretention Swale Median Section

- Fits in median for all alternatives.
- Collects flow from center median curb/gutter.
- Meets Basic Water Quality treatment regulations for sediment removal.
- Conveys excess stormwater or overflows to catchbasin.
- Reverse crown road design requires WSDOT approval.

### Porous Sidewalks & Side Streets



Shoreline Porous Sidewalk



Typical Porous Pavement Section

- Stormwater filters through pavement and sub-base conveys it.
- Can be used on residential side streets with low traffic volume and sidewalks.
- Not suitable for streets with high traffic volume (arterials).
- Looks different from concrete - does not have a smooth finish.
- Demonstration opportunities for side streets adjacent to Aurora Avenue.



