

Chief Sealth GSI Option 1 - Water Quality

Plan View Rendering



Legend

- 1 Buffer planting
- 2 Overland inflow pipe with buffer plantings
- 3 Water inlet structure – potential art opportunity
- 4 Maintenance access drive – potential art opportunity for concrete inlay
- 5 Water quality basin with planting
- 6 Outlet structure
- 7 SDOT sidewalk improvements
- 8 SDOT retaining wall with chainlink fencing
- 9 Potential art location for sculpture
- 10 Potential seat wall over curb wall
- 11 Removable bollards
- 12 Relocated pedestrian lighting

Chief Sealth GSI Option 1 - Water Quality

Rendering



Chief Sealth GSI Option 2 - Water Quality + Storage

Plan View Rendering



- Legend
- ① Buffer planting
 - ② Overland inflow pipe with buffer plantings
 - ③ Water inlet structure – potential art opportunity
 - ④ Maintenance access drive – potential art opportunity for concrete inlay
 - ⑤ Water quality basin with planting
 - ⑥ Outlet structure
 - ⑦ SDOT sidewalk improvements
 - ⑧ SDOT retaining wall with chainlink fencing
 - ⑨ Potential art location for sculpture
 - ⑩ Potential seat wall over curb wall
 - ⑪ Removable bollards
 - ⑫ Relocated pedestrian lighting
 - ⑬ Railing or fencing on wall

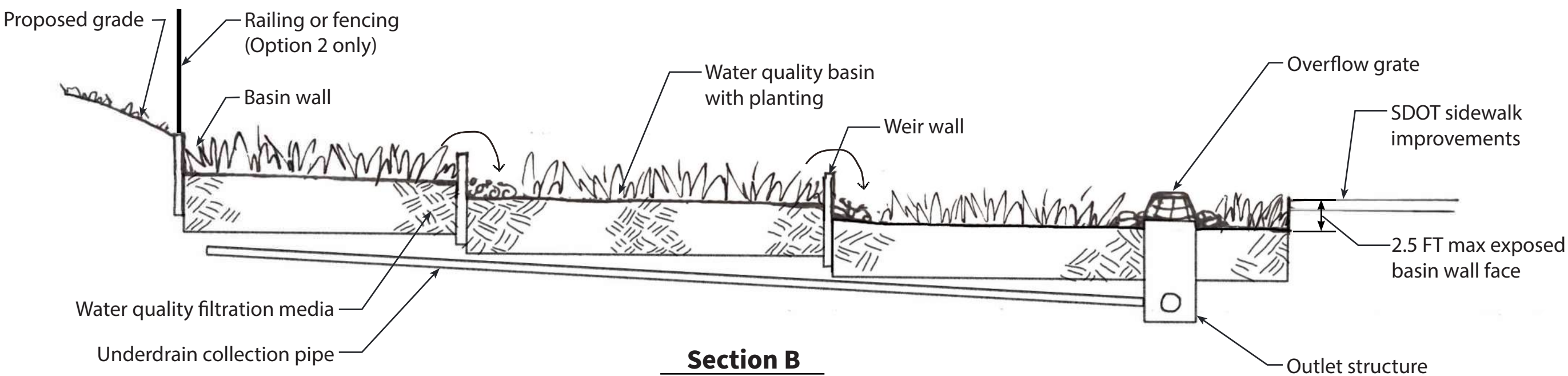
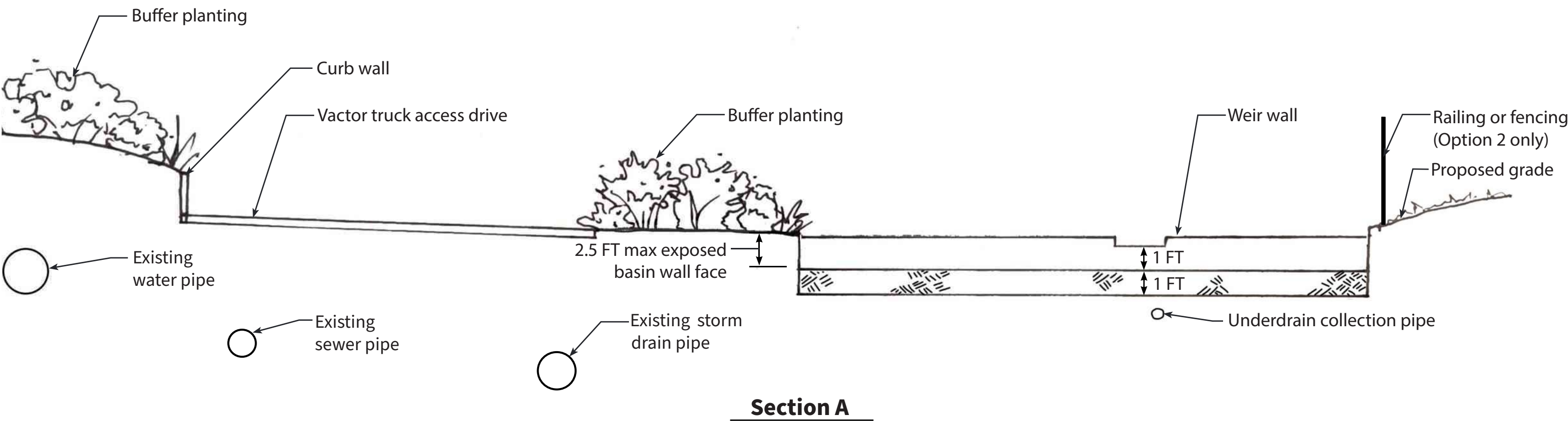
Chief Sealth GSI Option 2 - Water Quality + Storage

Rendering

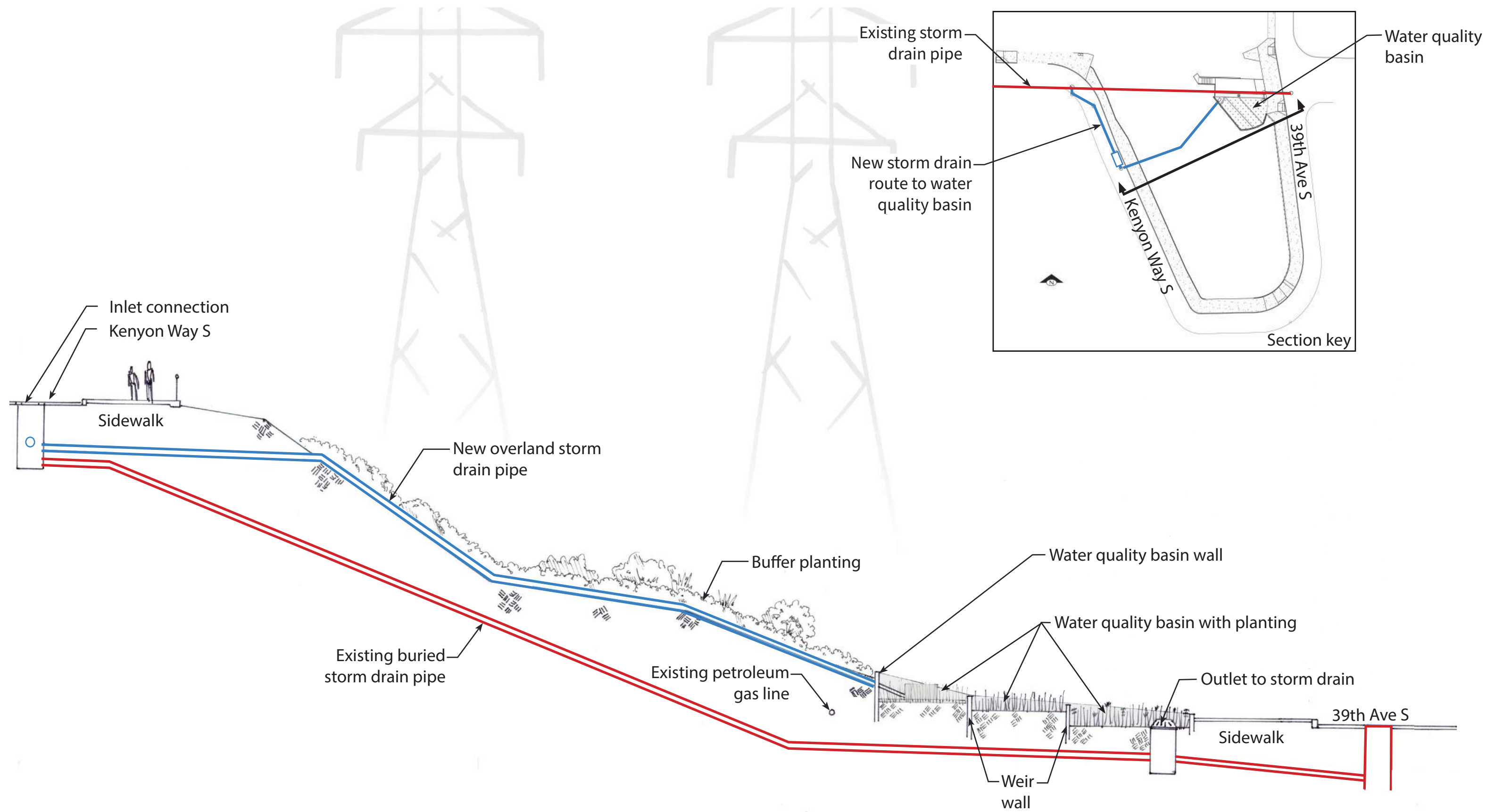


Chief Sealth GSI - Sections

Section Views

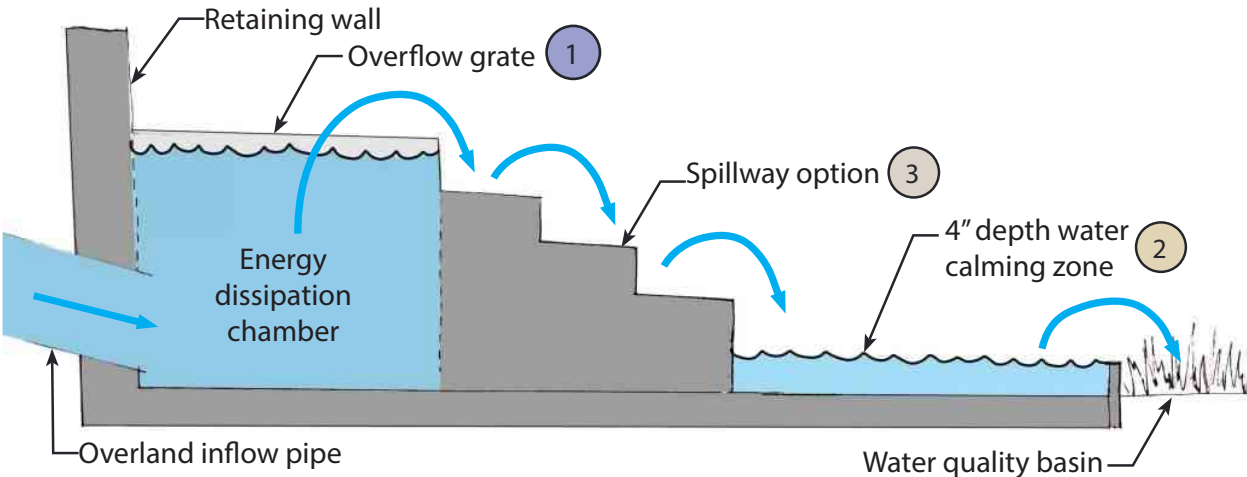
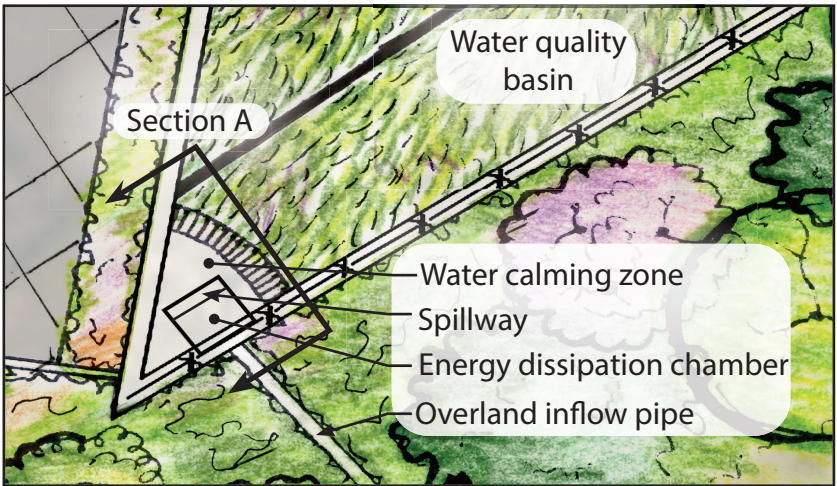


Chief Sealth GSI - Project Site Profile

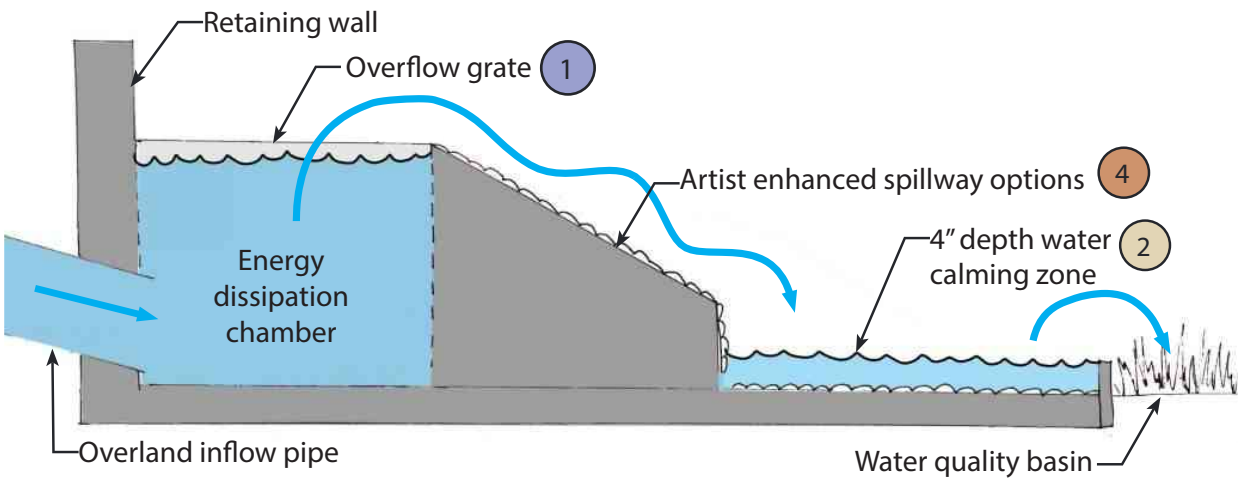


Chief Sealth GSI - Water Quality Infrastructure

Energy dissipation area – configuration alternatives
Overflow diagrams with examples of art integration or urban design enhancements



Section A - Energy Dissipation Chamber Concept 1



Section A - Energy Dissipation Chamber Concept 2



1 Ornamental cast iron overflow grate



2 Mosaic on water calming zone



3 Stepped spillway



3 Stepped spillway enhanced with material and texture choices



4 Glass and steel on spillway



4 Mosaic on spillway

Chief Sealth GSI - Plantings

Small tree & large shrub layer

Ornamental & habitat friendly options



Compact strawberry tree
8' height x 6' spread



Hairy manzanita
10' height x 10' spread



California lilac 'Victoria'
9' height x 10' spread



Crepe myrtle 'Pecos'
8' height x 6' spread



Contorted filbert 'Harry Lauder's walking stick'
10' height x 10' spread

Shrub and groundcover layer

Buffer planting



Pollinator habitat
24"-36" height



Bigleaf lupine
36" height



Common camas
24" height



Showy milkweed
36" height



Fescue grasses
24" height

Overland inflow pipe screening



Salal
3'-4' height



Tall oregon grape
4'-6' height



Ocean spray
5'-10' height



Douglas spirea
6'-8' height

Green stormwater infrastructure planting for water quality



Common rush
36" height



Candelabra primrose
24" height



Tough leaf iris
18" height



Dewey's sedge
24" height

Chief Sealth GSI - Art Integration

Sculptural art examples



Nature inspired



Modern



Whimsical



Indigenous

Concrete inlay art examples



Brass and aluminum



Iron



Stamped or etched



Lithocrete accent

Chief Sealth GSI - Urban Design

Seatwall options & examples



Board formed concrete seat wall



Concrete seat wall with wood top



Polished concrete



Metal seating with backs

Texture & material examples



Concrete

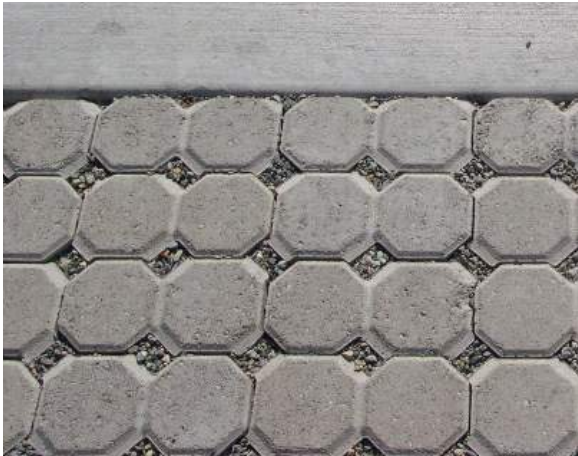


Wood

Access drive paving options & examples



Poured in place concrete with scoring



Permeable pavers



Unit pavers



Color and texture variation



Powder coated metal accents

Water quality basin weir examples



Notched concrete



Notched weathered steel



Channelized



Sheet flow



Weathered steel