Design Guidance

Conveyance

FLOW TO SECOND DISPERSION TRENCH IF NECESSARY

JUNCTION BOX

FLOW TO OTHER BRANCHING CATCH BASINS AS NECESSARY

GROUND

TO TRENCH

FROM ROOF/YARD

FINE MESH SCREEN

JUNCTION BOX

3" MIN

PEA GRAVEL TOP SOIL

4"

12" MIN

FILTER FABRIC FOR TOP SOIL COVER ONLY

WASHED DRAIN ROCK OR BALLAST

4" PERFORATED PIPE

18" MIN

SECTION VIEW

HIP PIPE TRENCH CONVEYANCE DETAIL (TYPICAL)

NTS
MARK 2"x4" STAKE WITH "DRAIN" AND DEPTH TO PIPE INVERT FROM FINISHED GROUND LEVEL.

2"x4" STAKE BURIED TO DEPTH OF PIPE INVERT, EXTEND A MINIMUM OF 3' ABOVE GRADE. PAINT WHITE ABOVE GROUND.

4" OR 6" DRAIN PIPE, ONE LENGTH MINIMUM.

DRAINAGE MAINLINE

PEA GRAVEL BEDDING

2.0% SLOPE IN F.O.S.

8 GAUGE, WHITE COATED WIRE, TO BE DOUBLED AROUND PIPE AND 2"x4" STAKE AT OR ABOVE FINISHED GRADE.

NOTES:

1. UNLESS OTHERWISE INDICATED ON PLAN, SIDE SERVICE SHALL BE LOWER THAN THE LOWEST LOT ELEVATION.

2. WHEN REPLACING EXISTING SIDE SERVICE, CONTRACTOR SHALL VERIFY POSITIVE FALL, OTHER EXISTING CONNECTIONS, AND SAGS OR DEFORMATIONS IN PIPE, AS PER ASTM F 1743 8.6.

NOT TO SCALE

CITY OF BELLINGHAM

STORM DRAIN SIDE SERVICE

DR-530

APPROVED

City Engineer

Date