GATE PLACEMENT

- 15' MIN. GATE TYPE & HEIGHT TO MATCH ADJACENT FENCES
- FENCE/ACCESS EASEMENT/TRACT LINE
- GATE POST - NOT ATTACHED TO FENCE
- 12' MIN. CLR. DRIVING SURFACE

BOLLARD PLACEMENT

- EDGE OF ACCESS ROAD
- 15' MIN.
- FIXED BOLLARD
- REMOVABLE BOLLARD
- 6' MAX.
- 6' MAX.
- 12' MIN. CLR. DRIVING SURFACE

POST BRACKET SUPPORT
3/8” GALVANIZED A36 STEEL PLATE (TYPICAL)

HEAVY-DUTY HASP - PROVIDE ADEQUATE CLEARANCE BETWEEN PAVEMENT & HASP TO ALLOW HASP TO LAY FLAT WHEN OPEN

INSTALL POST BRACKET SUPPORT BURIED FLUSH IN CONCRETE

1/4” FILLET WELD (BOTH SIDES)

1” BEVEL (TYPICAL)

BOLLARD MANUFACTURED FROM 8”x8” DOUGLAS FIR, #2 OR BETTER, PRESSURE-TREATED W/LP-22

REMOVABLE BOLLARD INSTALLATION:
REMOVABLE BOLLARD BASES ARE SET IN A 12” DIAMETER HOLE, 30” DEEP, AND BACKFILLED W/6” GRAVEL ON BOTTOM AND TO FINISHED GRADE WITH CONCRETE. LOCK HASP FACES THE STREET

FIXED BOLLARD INSTALLATION:
SET FIXED BOLLARDS IN A 16” DIAMETER HOLE, 30” DEEP, AND BACKFILL WITH 6” GRAVEL ON BOTTOM AND TO FINISHED GRADE WITH CONCRETE

INCISE 1/4” TO FIT REMOVABLE BOLLARD TO BASE BRACKET

SLIDE-THROUGH POST BRACKET - 3/8” GALVANIZED A36 STEEL PLATE

(3) 7/16” HOLES FOR 7/16”x 3” LAG SCREWS (EA. SIDE)

HEAVY-DUTY HASP

City of Bellevue
STORM AND SURFACE WATER UTILITY

TITLE
GATE/BOLLARD PLACEMENT

JANUARY 2012
NO SCALE

NO. D-45