NOTES:
1) RECTANGULAR BI-DIRECTIONAL VANED GRATE, CURRENT WSDOT STANDARD PLAN B-30.40-XX, SHALL BE PROVIDED FOR ALL CATCH BASINS LOCATED AT LOW POINTS OF VERTICAL CURVES OR GRADE BREAKS, EXCEPT WHEN CEMENT CONCRETE ROLLED CURB IS USED.

2) MATERIAL IS GREY IRON ASTM A48 CLASS 30.

(IMPORTANT)

Pierce County
Public Works and Utilities
Office of the County Engineer
Tacoma Mall Office Building
4301 South Pine Street, Suite 446
Tacoma, Washington 98409-7207
An APWA Accredited Agency

BRIAN D. STACY, P.E.
COUNTY ENGINEER

CATCH BASIN AND INLET INSTALLATION FOR CURBS

PC.B1.1
NOTE:
1) THE CENTERLINE OF THE DRAINAGE STRUCTURE MAY DIFFER FROM THE CENTERLINE OF THE FRAME AND GRATE.
NOTES:
1) USE WITH WSDOT STANDARD PLAN B-30.10-XX RECTANGULAR FRAME (REVERSIBLE).
2) MATERIAL TO CONFORM TO WSDOT STANDARD SPECIFICATIONS 9-05.15(2).

BRIAN D. STACY, P.E.
COUNTY ENGINEER

BEEHIVE GRATE

PC.B1.3
NOTES:

1) CONCRETE COLLAR WIDTH SHALL BE ONE HALF OF THE OUTSIDE PIPE DIAMETER OF THE LARGEST PIPE. THE MINIMUM COLLAR WIDTH SHALL BE 12". THE CONCRETE COLLAR SHALL ONLY BE USED TO EXTEND EXISTING PIPES.

2) WHEN A COUPLING BAND CONNECTION REQUIRES ATTACHING A BELL END OF A CONCRETE PIPE, THE BELL END OF THE PIPE SHALL BE REMOVED BEFORE THE CONNECTION IS INSTALLED.

3) STEEL WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS SECTION 9-07.7. INSTALL TWO WRAPS FOR SIZE 6 X 6 W1.4 X W1.4 (10 GAGE) STEEL WELDED WIRE FABRIC OR ONE WRAP FOR ANY OF THE FOLLOWING SIZES:

   - 6 X 6 W2.1 X W2.1 (8 GAGE)
   - 6 X 6 W2.9 X W2.9 (6 GAGE)
   - 4 X 4 W2.9 X W2.9 (6 GAGE)
   - 4 X 4 W4.0 X W4.0 (4 GAGE)

4) GRAVEL BACKFILL FOR PIPE ZONE BEDDING SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS SECTION 9-03.12(3).

(NOT TO SCALE)
NOTES:
1) TRENCH WIDTH SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS SECTION 2-09.4.
2) FOR SANITARY SEWER INSTALLATION, CONCRETE PIPE SHALL BE BEDDED TO SPRING LINE.
3) GRAVEL BACKFILL FOR PIPE ZONE BEDDING SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS SECTION 9-03.12(3).
4) PIPE ZONE BACKFILL SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS SECTION 7.08.3(3).