



DETAIL NOTES

- ① YARD DRAINS TO BE CONSTRUCTED FROM CONCRETE PIPE, IN ACCORDANCE WITH ASTM C 14 OR 18" LINED CORRUGATED HDPE (HIGH DENSITY POLYETHYLENE PIPE) ADS N-12 OR APPROVED EQUAL. SPECIAL CAST YARD DRAIN MAY BE REQUIRED FOR MULTIPLE PIPE CONNECTIONS.
- ② CUTOUT HOLE SIZE EQUAL TO OUTLET PIPE OUTSIDE DIAMETER PLUS YARD DRAIN WALL THICKNESS FOR CONC. PIPE OR USE INSERTA TEE COMPRESSION FITTING FOR USE WITH PVC DRAIN PIPE CONNECTION.
- ③ CONNECTION TO OUTLET PIPE TO BE SEALED WITH GROUT AND MADE FLUSH WITH INSIDE OF THE YARD DRAIN WALL FOR CONCRETE PIPE OR COMPRESSION TEE FOR PLASTIC PIPE.
- ④ CAST IRON BELL GRATE, FITS INSIDE BELL OF CONC. PIPE AND ON THE OUTSIDE OF HDPE PIPE. HDPE PIPE GRATE - OLYMPIC FOUNDARY 10-1800 OR EAST JORDAN IRON WORKS- PRODUCT NO. 601836. CONC. PIPE GRATE- E. JORDAN IRON WORKS PRODUCT NO. 601832 OR APPROVED EQUAL.
- ⑤ 6" MIN. DEPTH GRAVEL BACKFILL FOR DRAINS PER WSDOT SEC. 9-03.12(4).
- ⑦ CONNECT TO CITY OWNED AND MAINTAINED SD SYSTEM IN THE STREET.
- ⑧ IF SERVICE LINE SERVES MORE THAN 4 LOTS, INCREASE SIZE TO 8".

<p>DEPARTMENT OF PUBLIC WORKS</p>	<p>STANDARD PLANS</p> <p>STM 017</p>
	<p>YARD DRAIN</p> <p>APPROVED: <i>Douglas Jefferson</i> Director of Public Works/City Engineer</p>
<p>REVISION: JAN 2003</p>	<p>NOT TO SCALE</p>
<p>BY: L.C.</p>	