



- ① DUCTILE IRON PIPE, CLASS 52. RESTRAINED JOINTS.
- ② DUCTILE IRON TEE, MECHANICAL JOINT W/ MEGALUG TYPE JOINT RESTRAINT.
- ③ SWING CHECK VALVE, UL LISTED FOR FIRE, 175 PSI WORKING PRESSURE, FLANGED, COMPOSITION SEAT.
- ④ RESTRAINED FLANGE ADAPTER, UL LISTED FOR UNDERGROUND FIRE APPLICATION.
- ⑤ D.I. ELBOW, MJ W/ MEGALUG TYPE JOINT RESTRAINT, UL LISTED FOR UNDERGROUND FIRE SERVICE.
- ⑥ AUTOMATIC (BALL DRIP) DRAIN, 3/4", BRASS. (INSTALL IN HORIZONTAL POSITION).
- ⑦ BRASS PIPE, SCHEDULE 40.
- ⑧ UTILITY VAULT NO. 444-LA OR EQUAL.
- ⑨ USE 24" DIA. ROUND ACCESS COVER (IN SIDEWALK OR AREA SUBJECT TO TRAFFIC LOADING) MARKED "WATER".
- ⑩ FOR LANDSCAPED OR NON-TRAFFIC AREAS MAY USE UTILITY VAULT COVER NO. 44-332P WITH SLIP RESISTANT TREATMENT PER SECTION W4-17 OF THE ENGINEERING STANDARDS. MINIMUM 2' OF LEVEL UNOBSTRUCTED AREA AROUND COVER. COVER TO READ "WATER".
- ⑪ FIRE DEPARTMENT CONNECTION, UL LISTED FOR FIRE. SIGNAGE PER NFPA-24. FDC REQUIRES THREE HEAD CONNECTION WITH INTERNAL SPRING-LOADED CHECK VALVES, FOR SIZES 6" AND LARGER.
- ⑫ TAPE WRAPPED GALVANIZED STEEL PIPE, DEXTRD (FROM 90° BEND TO 6" ABOVE FINISH GRADE).
- ⑬ CONCRETE BLOCKING.
- ⑭ NON-SHRINK GROUT-INSIDE AND OUT.
- ⑮ OPTIONAL ROCK POCKET WITH BALL DRIP DRAIN.
- ⑯ RESTRAIN INLET/OUTLET PIPE WITH WELDED FLANGE OR MEGALUG, MID-SPAN RESTRAINT AND THRUST BLOCK ADJACENT TO VAULT, SEE STANDARD DETAIL W-56.

	<h2 style="margin: 0;">City of Bellevue</h2>	<p>WATER UTILITY</p>
TITLE		<p>FDC ASSEMBLY</p>
JANUARY 2011		NO. W-51