



### 10" WATERMAIN & LARGER

**NOTES:**

1. VALVES 10" AND LARGER SHALL BE DUCTILE IRON BODY, RUBBER SEATED, TIGHT CLOSURE BUTTERFLY VALVES CONFORMING TO AWWA C-504. VALVES SHALL BE CLASS 150B AND SHALL OPEN COUNTERCLOCKWISE AND BE OPERATED BY A TWO INCH (2") SQUARE NUT. JOINTS SHALL BE FLANGED JOINTS. VALVES SHALL BE PRATT-GROUNDHOG BUTTERFLY, MUELLER LINESEAL III #B-32-11, OR APPROVED EQUAL.
2. 1" MUELLER H-15000 CORPORATION STOP MUST BE TAPPED DIRECTLY INTO MAIN AT EACH VALVE VAULT (TWO TAPS MAY BE REQUIRED AT THE DIRECTION OF THE VILLAGE).
3. PRECAST SECTIONS TO BE JOINED WITH TONGUE AND GROOVE JOINTS SEALED WITH MASTIC TYPE BITUMINOUS JOINTING COMPOUND.
4. PRECAST BARREL SECTION ASTM C-478 AND ASTM C-443.
5. PRECAST CONCRETE RING CONSTRUCTION ASTM C-478-64T ADJUSTMENT TO 12" MAXIMUM, USING THE MINIMUM NEEDED TO ACHIEVE THE DESIRED ELEVATION - 3 RINGS MAXIMUM. RUBBER NOISE RINGS SHALL BE USED IN ALL TRAFFIC AREAS.
6. ALL VAULTS ARE TO HAVE CONES INSTALLED SO THAT CENTER OF COVER IS DIRECTLY OVER OPERATING NUT.
7. PIPE OPENINGS TO BE CAST INTO WALL.
8. APPROVED MANUFACTURER'S PRODUCT NUMBERS FOR FRAMES AND LIDS:  
 - PAVED AREAS (SOLID LID): EAST JORDAN 1050, EXTRA HEAVY DUTY, TYPE A SOLID COVER  
 - NON-PAVED AREAS (SOLID LID): EAST JORDAN 1050, MEDIUM DUTY, TYPE A SOLID COVER

## Village of Mount Prospect

Public Works Department

1700 W. Central Rd.

### BUTTERFLY VALVE DETAIL

Last Revised: 8-09