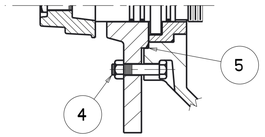
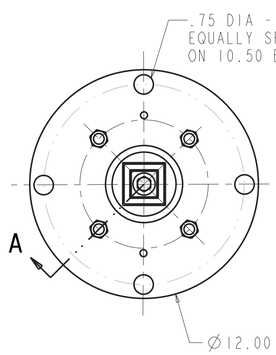
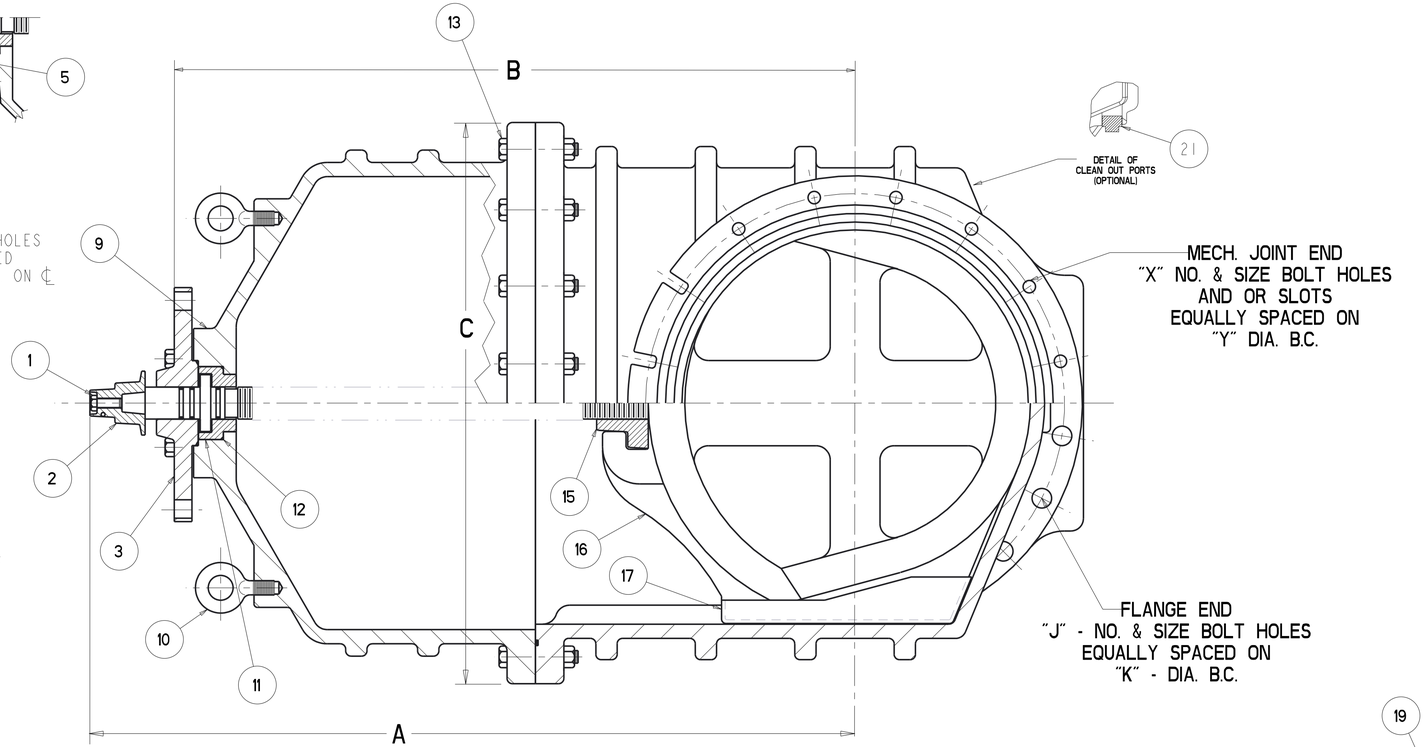
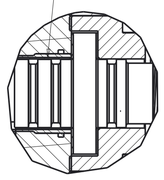


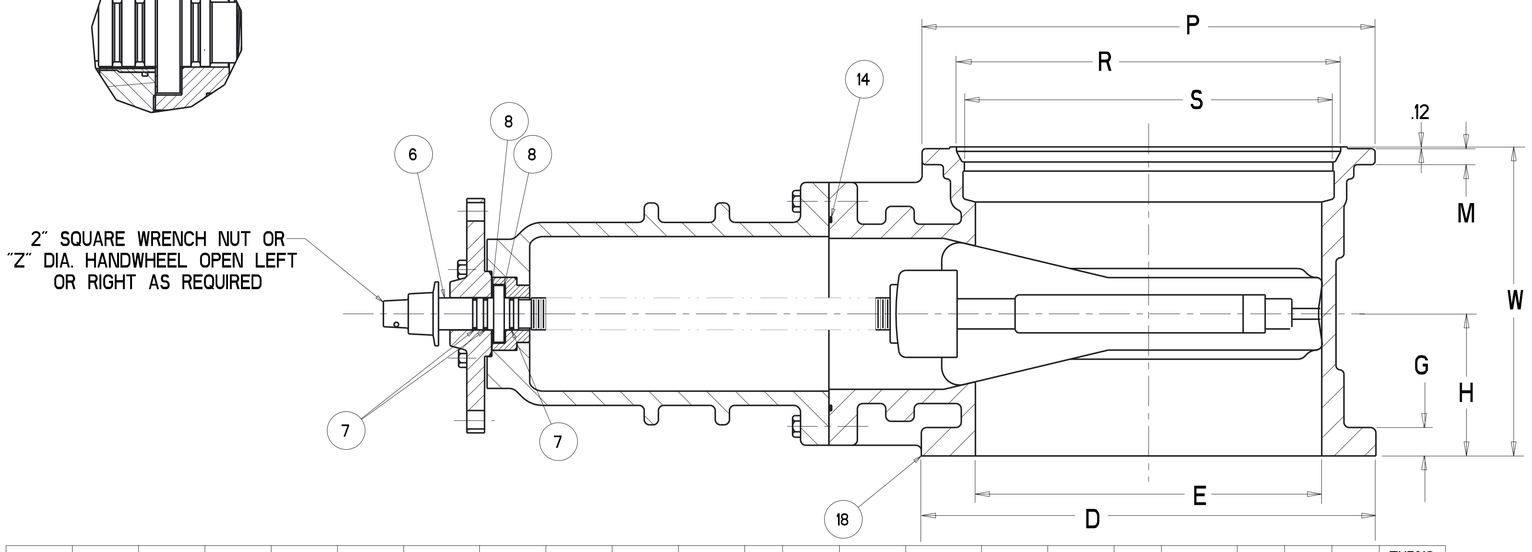

SECTION A

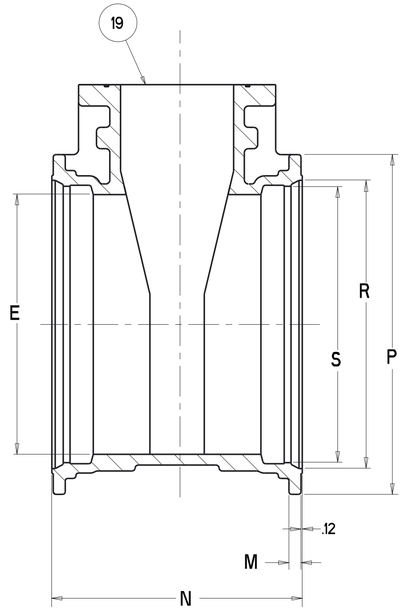


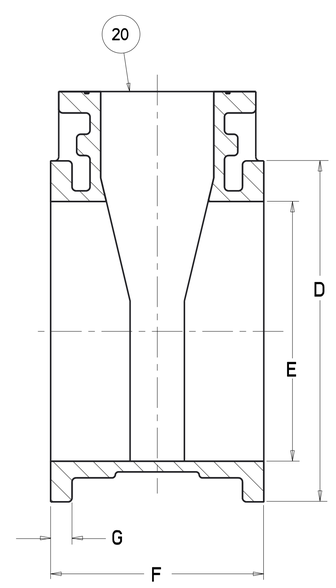



22




| PARTS LIST | | | | | |
|---|---|---|---|---|---|
| ITEM | DESCRIPTION | REQ'D | MATERIAL | ASTM | |
| 1 | CAP SCREW | 1 | STEEL | | SAE J429 GRADE 2 |
| 2 | WRENCH NUT | 1 | CAST IRON (SEE NOTE 3) | A126 | CLASS B |
| 3 | STUFFING BOX | 1 | DUCTILE IRON | A536 | |
| 4 | HEX BOLT & NUT | "AA" | STEEL | | SEE NOTE 2 |
| 5 | O-RING | 1 | RUBBER | D2000 | SEE NOTE 5 |
| 6 | STEM | 1 | MANGANESE BRONZE | | SEE NOTE 6 |
| 7 | O-RING | 3 | RUBBER | D2000 | SEE NOTE 5 |
| 8 | WASHER | 2 | BRASS | | |
| 9 | BONNET | 1 | DUCTILE IRON | A536 | |
| 10 | EYEBOLT | 2 | STEEL | | GALVANIZED |
| 11 | BONNET BUSHING | 1 | BRONZE | B62 | SEE NOTE 4 |
| 12 | O-RING | 1 | RUBBER | D2000 | SEE NOTE 5 |
| 13 | HEX BOLT & NUT | "L" | STEEL | | SEE NOTE 2 |
| 14 | O-RING | 1 | RUBBER | D2000 | SEE NOTE 5 |
| 15 | DISC NUT | 1 | BRONZE | B62 | |
| 16 | DISC | 1 | | | SEE NOTE 1 |
| 17 | GUIDE CAP | 2 | ACETAL | | M90 |
| 18 | BODY FL x MJ | 1 | DUCTILE IRON | A536 | |
| 19 | BODY MJ x MJ | 1 | DUCTILE IRON | A536 | |
| 20 | BODY FL x FL | 1 | DUCTILE IRON | A536 | |
| 21 | PIPE PLUG | 2 | SUPPLIED WHEN TAPPED | | |
| 22 | THRUST SLEEVE | 1 | ACETAL | | |

NOTES:
1) RUBBER ENCAPSULATED DUCTILE IRON DISC
RUBBER - SBR ASTM D2000 14"-16"
RUBBER - EPDM ASTM D2000 18"-24"
DUCTILE IRON ASTM A536
2) BOLTS ARE - CARBON STEEL SAE J429 GRADE 2
NUTS - CARBON STEEL ASTM A563 GRADE A
FASTENERS - PLATED TO ASTM F1941 CLASS Fe/Zn 12C
3) MANUFACTURER'S OPTION TO UPGRADE MATERIAL
TO DUCTILE IRON A536 65-45-12 OR 70-50-05
4) 16 IN. VALVES DO NOT HAVE A BONNET BUSHING
5) RUBBER - SBR ASTM D2000 14"-16"
RUBBER - EPDM ASTM D2000 18"-24"
6) MANGANESE BRONZE - 14"-16" ASTM B138 C67600
18"-24" ASTM B584 C86400

| VALVE SIZE | A | B | C | D | E | F | G | H | J | K | L | M | N | P | R | S | W | X | Y | Z | AA | TURNS TO OPEN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14 | 32.75 | 29.75 | 24.92 | 21.00 | 14.38 | 15.06 | 1.38 | 7.53 | 12 - 1.12 | 18.75 | 10 | 1.38 | 19.75 | 20.25 | 16.54 | 15.54 | 17.41 | 6 - .875 | 18.75 | 18.00 | 2 | 43.5 |
| 16 | 37.88 | 32.35 | 26.58 | 23.50 | 16.00 | 16.06 | 1.59 | 8.03 | 16 - 1.12 | 21.25 | 12 | 1.50 | 19.75 | 22.56 | 18.40 | 17.28 | 17.91 | 8 - .88 | 21.00 | 18.00 | 2 | 49 |
| 18 | 44.19 | 38.35 | 30.50 | 25.00 | 18.38 | 17.00 | 1.69 | 8.50 | 16 - 1.25 | 22.75 | 12 | 1.50 | 21.00 | 24.88 | 20.74 | 19.64 | 19.00 | 12 - .88 | 23.25 | 18.00 | 4 | 57 |
| 20 | 48.25 | 41.48 | 33.75 | 27.50 | 20.38 | 18.00 | 1.78 | 9.00 | 20 - 1.25 | 25.00 | 12 | 1.60 | 21.50 | 27.25 | 22.84 | 21.74 | 19.75 | 14 - .88 | 25.50 | 20.00 | 4 | 63 |
| 24 | 53.88 | 47.94 | 39.50 | 32.00 | 24.38 | 20.00 | 2.00 | 10.00 | 20 - 1.38 | 29.50 | 16 | 1.12 | 23.50 | 31.88 | 27.05 | 25.94 | 21.75 | 16 - .88 | 30.00 | 30.00 | 4 | 75 |

ECO 1744175

**APPROVED**
*By Matt Sutterfield at 3:06 pm, Sep 02, 2016*

| | | | | | |
|---|---|---|---|---|---|
| DR BY | AO | 8/30/16 | UNLESS OTHERWISE NOTED: | THIRD ANGLE PROJECTION | C.B. NO. |
| CHKR | BB | 8/30/16 | BREAK CAST CORNER(S) | | |
| ENGR | MS | 8/30/16 | BREAK MACH CORNER(S) | PURCH. NO | FINISH ASM |
| MGR | | | TOLERANCES UNLESS OTHERWISE NOTED: | REF. NO. | PATT. NO. |
| MFG | | | LINEAR ± ANGULAR ± | SCALE NONE | |
| TOOL | | | | STK. NO. | |
| FDRY | | | | | |

MAT'L NOTED

DESCR. 14"-24" RWGV
ALL END CONFIGURATIONS
POST INDICATOR VALVE

NUMBER U7339

14" - 24" RWGV - ALL END CONFIGURATIONS - POST INDICATOR VALVE

U7339

U.S. PIPE VALVE & HYDRANT DIVISION CONFIDENTIAL: TITLE TO AND OWNERSHIP OF THIS ENGINEERING DATA REMAINS IN U.S. PIPE V & H NO USE IS TO BE MADE OF THIS DATA EXCEPT AS SPECIFICALLY AUTHORIZED BY U.S. PIPE V & H ASSENT ON THE PART OF THE RECIPIENTS TO THESE CONDITIONS IS PRESUMED.