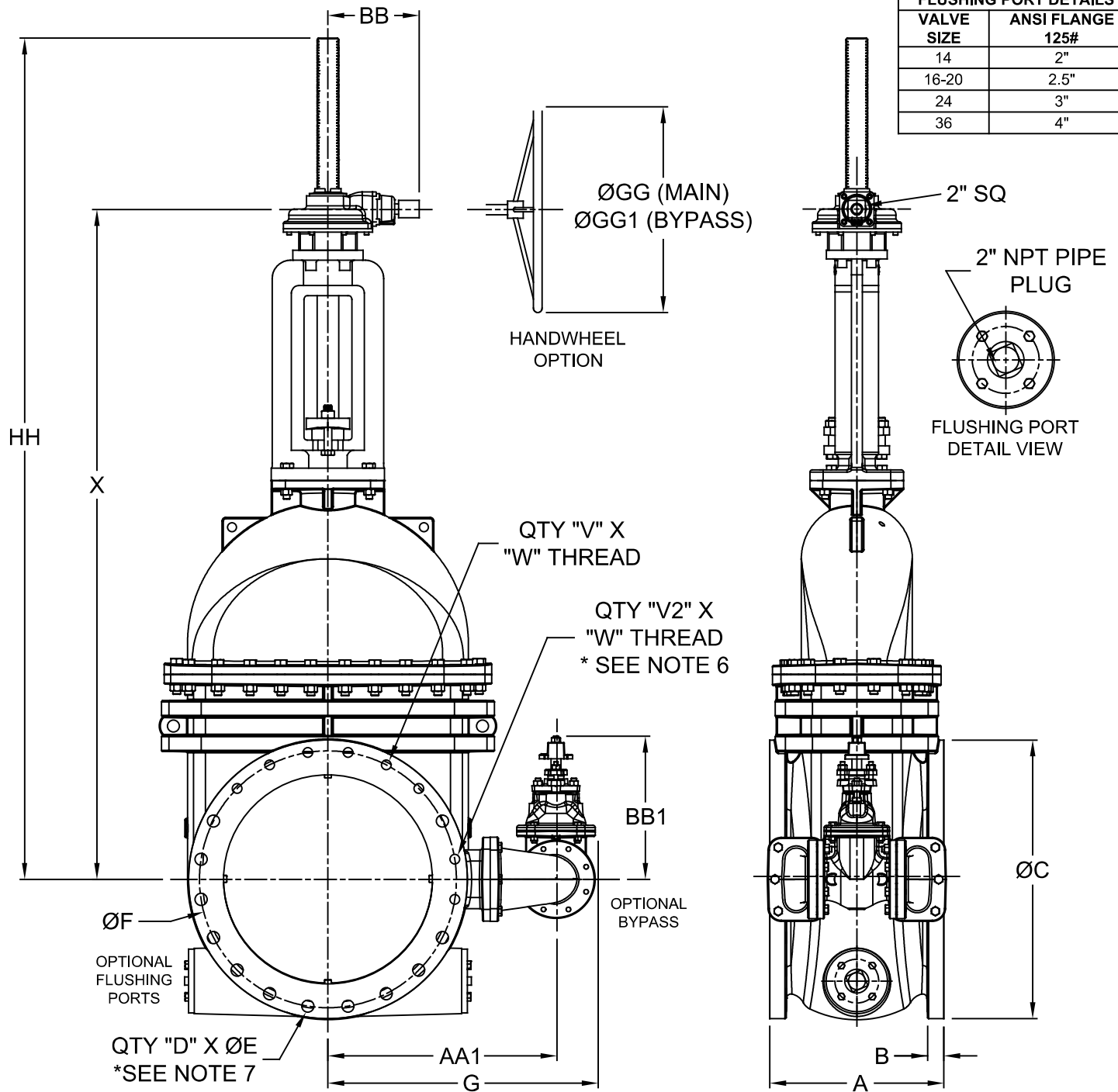


| FLUSHING PORT DETAILS |                  |
|-----------------------|------------------|
| VALVE SIZE            | ANSI FLANGE 125# |
| 14                    | 2"               |
| 16-20                 | 2.5"             |
| 24                    | 3"               |
| 36                    | 4"               |



DIMENSIONS (Inches)

| SIZE | A     | B    | C     | D  | E    | F     | G     | V | V2 | W       | X      | AA1   | BB    | BB1   | GG    | GG1   | HH OPEN | HH CLOSE D | BYPASS SIZE | WT (lbs) | ACT. MODEL    | TURNS TO OPEN |
|------|-------|------|-------|----|------|-------|-------|---|----|---------|--------|-------|-------|-------|-------|-------|---------|------------|-------------|----------|---------------|---------------|
| 14   | 15.00 | 1.38 | 21.00 | 12 | 1.13 | 18.75 | -     | - | -  | -       | 54.72  | -     | 9.00  | -     | 24.00 | -     | 70.00   | 54.90      | -           | 1,161    | IB5 2:1       | 92            |
| 16   | 16.00 | 1.44 | 23.50 | 14 | 1.13 | 21.25 | 26.90 | 2 | 2  | 1-8     | 60.30  | 22.72 | 9.00  | 13.40 | 24.00 | 10.00 | 90.00   | 60.80      | 3           | 1,959    | IB5 4:1       | 212           |
| 18   | 22.00 | 1.56 | 25.00 | 16 | 1.25 | 22.75 | 27.90 | 2 | 2  | 1 1/8-7 | 63.19  | 23.72 | 9.00  | 13.40 | 24.00 | 10.00 | 80.90   | 62.60      | 3           | 2,222    | IB5 4:1       | 236           |
| 20   | 18.00 | 1.69 | 27.50 | 18 | 1.25 | 25.00 | 29.70 | 2 | 2  | 1 1/8-7 | 71.40  | 25.52 | 9.00  | 13.40 | 24.00 | 10.00 | 92.49   | 68.29      | 3           | 2,923    | IB5 4:1       | 244           |
| 24   | 20.00 | 1.88 | 32.00 | 14 | 1.38 | 29.50 | 31.30 | 6 | 2  | 1 1/4-7 | 84.75  | 26.58 | 9.90  | 15.00 | 24.00 | 10.00 | 109.62  | 84.25      | 4           | 4,210    | IB7 6:1       | 438           |
| 36   | 33.00 | 2.38 | 46.00 | 26 | 1.63 | 42.75 | 40.70 | 6 | 4  | 1 1/2-6 | 129.90 | 34.75 | 24.40 | 18.50 | 32.00 | 12.00 | 155.46  | 117.72     | 6           | 12,875   | IB11/AS5 25:1 | 1796          |

NOTE:

1. FLANGES CONFORM TO ANSI B16.1 CLASS 125
2. COLD WORKING PRESSURE - 250PSI
3. HYDROSTATIC TEST PRESSURE - 500PSI
4. SIDE BYPASS OPTIONAL - 16" & LARGER
5. FLUSHING PORTS OPTIONAL
6. (V2) TAPPED HOLES PROVIDED ONLY WHEN VALVE IS EQUIPPED WITH A BYPASS - 16" & LARGER
7. QUANTITY OF THRU HOLES (D) DECREASES BY QUANTITY OF TAPPED HOLES (V2) WHEN SUPPLIED WITH A BYPASS.

DESCRIPTION:

14"-36" AWWA C500 - 125# Flanged Solid Wedge Gate Valve with Bevel Gear (OS&Y)

DATE:

10/02/2026

DRAWING:

SG-DD0005-A

**MPi MCWANE**  
PLANT & INDUSTRIAL

McWane Plant & Industrial  
1201 Vanderbilt Road  
Birmingham, AL 35234

CLOW  
VALVE CO.

