



DETAIL
SCALE: NTS

NOTE:
A FLUSHING PORT CONNECTION IS REQUIRED FOR R.S. GATE VALVES INSTALLED IN THE HORIZONTAL POSITION WITH BEVEL GEARING TO CLEAR SAND AND DEBRIS FROM THE TRACKS OF THE VALVE. THE FLUSHING VALVE PORT DIAMETER SHALL BE SIZED ACCORDING TO THE VALVE SIZE.

MATERIAL CODES AND COMMENTS:

- ① STAINLESS 304 THREADED NIPPLE. ALLOW SUFFICIENT LENGTH FOR RISER TO CLEAR MAIN VALVE.
- ② 100 PSI RATED BRONZE BALL VALVE. THE MAIN VALVE SUPPORT SLAB MUST BE EXTENDED AT LEAST ONE FOOT TO PROVIDE SUPPORT FOR THE FLUSHING CONNECTION ISOLATION VALVE. AT THE VALVE END CONNECTION, EXTEND SLAB AT LEAST 2-INCHES FROM EACH END, FLANGE OR M.J.
- ③ STAINLESS 304 THREADED SHORT NIPPLE.
- ④ DIELECTRIC NIPPLE IPS X CTS GROOVE: GRUVLOCK- DILOK FLG. 7091, OR APPROVED EQUAL.
- ⑤ COPPER OR BRASS NIPPLE. AT LEAST ONE END THREADED.

	WS 3.10	
	WS 3.11	
	SS 21.0	
I T E M	CROSS REF.	SPEC. REF.



ISSUE DATE	APPROVED BY
10/08/2015	J.B.F

STANDARD DETAIL
**R.S. GATE VALVE FLUSHING
PORT CONNECTION IN
HORIZONTAL POSITION**

**WS
4.70**
SHEET 1 OF 1