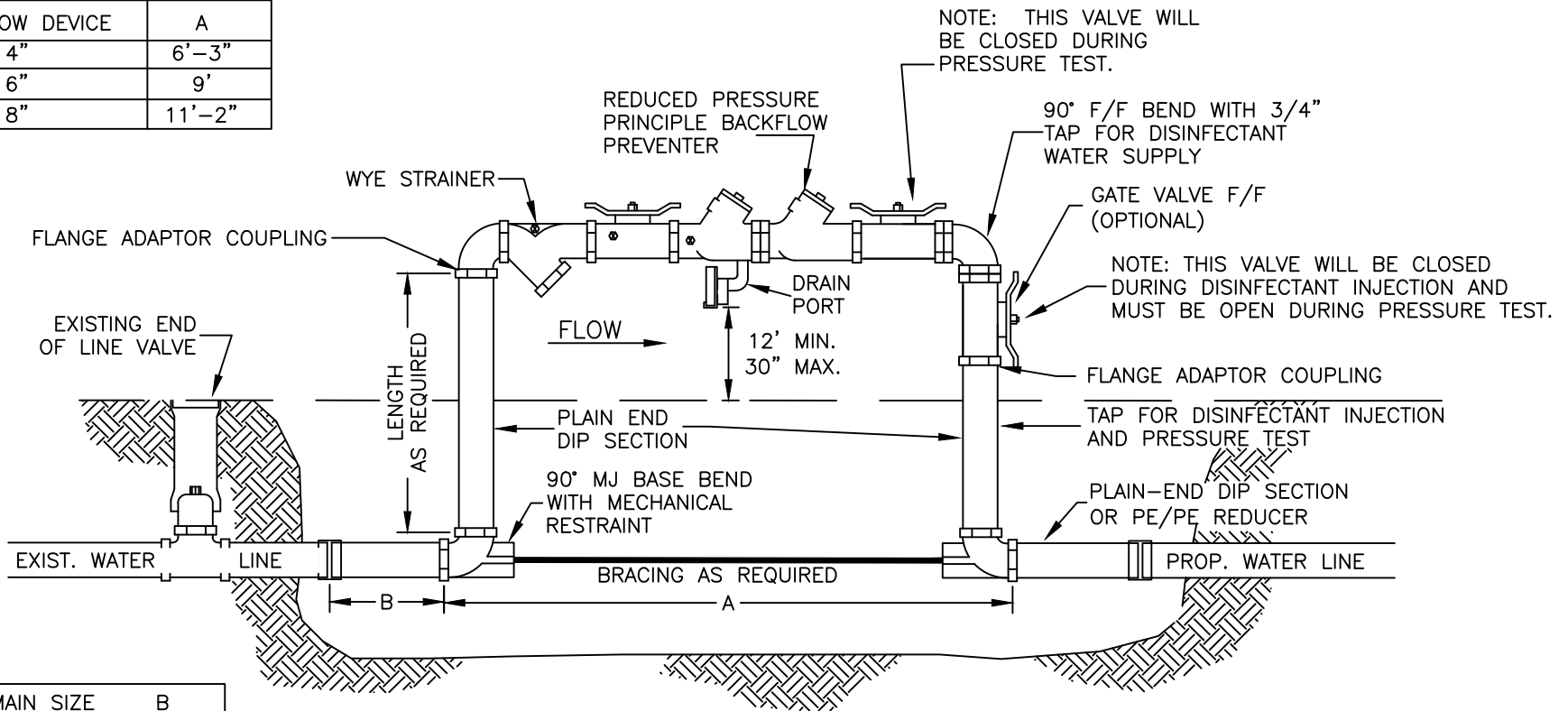


|                 |        |
|-----------------|--------|
| BACKFLOW DEVICE | A      |
| 4"              | 6'-3"  |
| 6"              | 9'     |
| 8"              | 11'-2" |



|                 |     |
|-----------------|-----|
| WATER MAIN SIZE | B   |
| 6"              | 17" |
| 8"              | 19" |
| 12"             | 22" |
| 16"             | 26" |
| 24"             | 32" |

|                 |                           |                          |
|-----------------|---------------------------|--------------------------|
| WATER MAIN SIZE | MIN. BACKFLOW DEVICE SIZE | MIN. END OF LINE BLOWOFF |
| 6" OR 8"        | 2"                        | 2"                       |
| 12"             | 4"                        | 2.5                      |
| 16"             | 6"                        | 4"                       |
| 24"             | 8"                        | 6"                       |

**NOTE:**

1. SEE CITY OF KANNAPOLIS LAND DEVELOPMENT STANDARDS MANUAL APPENDIX B FOR LIST OF APPROVED PRODUCTS.
2. CONNECTION LINE SHALL BE INSTALLED FROM EXISTING BLOW OFF ASSEMBLY TO NEW MAIN FOR FILLING, TESTING, AND STERILIZING OF NEW MAIN,
3. CONNECTION LINE TO BE ASSEMBLED WITH DOUBLE CHECK VALVE AND TO BE OPERATED INDEPENDENTLY FROM EXISTING MAIN.
4. FINAL CONNECTION TO EXISTING MAIN TO BE MADE ONLY AFTER TOTAL PROJECT HAS BEEN ACCEPTED BY OWNER.
5. VALVES ON EXISTING SYSTEM TO BE OPERATED BY OWNER FORCES ONLY.
6. ONLY ONE CONNECTION WILL BE ALLOWED BETWEEN THE EXISTING SYSTEM AND THE NEW CONSTRUCTION UNTIL TESTING AND DISINFECTION IS COMPLETE.

NOT TO SCALE



## JUMPER BY-PASS CONNECTION FOR FILLING NEW WATER MAINS

JANUARY 2025

325