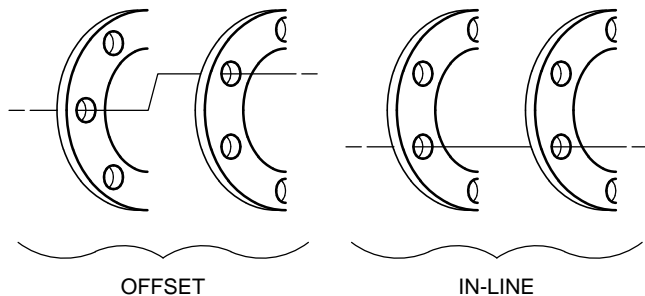


VALVES ADJACENT TO FITTINGS SHALL BE RESTRAINED IN ACCORDANCE WITH ONE OF THE FOLLOWING METHODS LISTED BELOW:

- METHOD 1** - May be used only with in-line bolt alignment of valve and fitting. See chart below for number of all-threads. All-threads and nuts shall be stainless steel and shall be coated with Henry's #204 roof cement, or equal. this method may be used only with approval of the University Utilities Department.
- METHOD 2** - May be used with either offset or in-line bolt alignment.
- METHOD 3** - Flange-to-flange bolted connection may be used.
- METHOD 4** - Retainer glands may be used with ductile iron pipe only, subject to University approval. Retainer glands may NOT be used on fire hydrant laterals.
- METHOD 5** - Swivel gland and integral retaining lip connections may be used.



BOLT HOLE ALIGNMENT

METHOD 1	
PIPE SIZE (inches)	No. of ALL-THREADS (min.)
4	2
6, 8, 10	4
12, 14	6
over 14	TO BE DETERMINED IN FIELD

SCALE: N.T.S.

STANDARD CURRENT AS OF: 01/20/2020

APPROVED BY: XX

NOTES:



CAL POLY

VALVE to FITTING RESTRAINT

6320