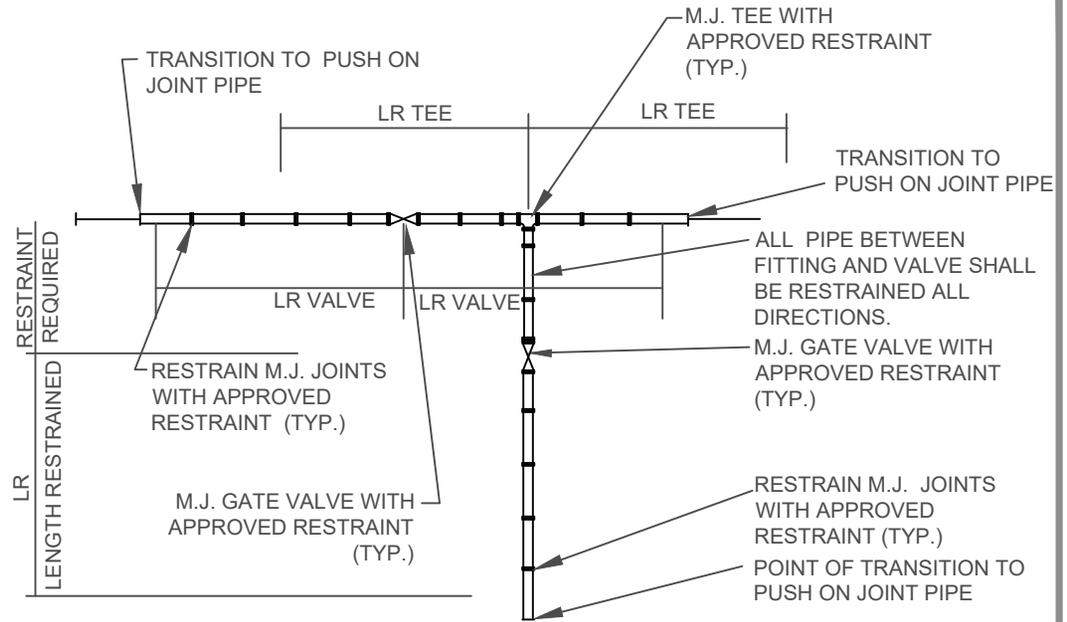


IRON RETAINING GLAND M.J. RESTRAINT			
NOMINAL PIPE SIZE	WEDGES QUANTITY	BOLTS QUANTITY	PRESS RATING
6"	3	6	350
8"	4	6	350
12"	8	8	350

8" SIZE SHOWN 6" AND 12" SIMILAR  
IRON RETAINING GLAND M.J.  
RESTRAINT



RESTRAINED JOINT DETAIL FOR TYPICAL TEE INTERSECTION  
4-WAY INTERSECTION SIMILARLY RESTRAINED

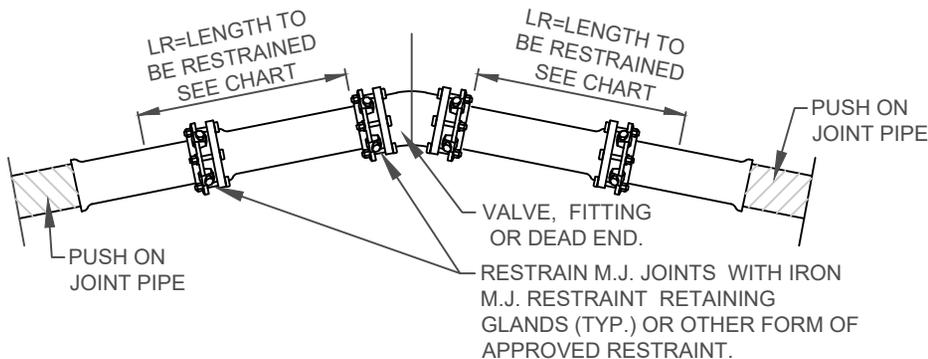
LR (MIN. LENGTH OF RESTRAINT EACH DIRECTION OF THRUST IN LINEAR FEET)  
Based on 200 psig pressure, Safety Factor of 2.0:1, BARE DI PIPE AND ML Soil, 3.0' cover  
Chart does not apply to pipes wrapped in polyethylene wrap

PIPE SIZE	VALVES DEAD ENDS TEES	90° ELBOWS	45° ELBOW & CROSSES	22-1/2° ELBOWS	REDUCER
6"	106'	47'	21'	8'	6"x2" 71'
8"	137'	65'	27'	10'	8"x6" 57'
12"	193'	91'	38'	14'	8"x2" 110'

NOTES:

1. PIPE GREATER THAN 12 INCH DIAMETER SHALL REQUIRE RESTRAINED JOINT PIPE FOR THE PROPER LENGTH.
2. COMPACT FITTINGS ARE ACCEPTABLE FOR USE WITH IRON RETAINING GLAND M.J. RESTRAINT AND OTHER FORMS OF RESTRAINT.
3. THE MINIMUM LENGTH OF RESTRAINT INDICATED SHALL

4. REQUIRE ALL JOINTS WITHIN THE LR DISTANCE TO BE RESTRAINED.
4. RESTRAINT SYSTEM SHALL BE INSPECTED AND APPROVED BY THE TOWN PRIOR TO BACKFILLING.
5. RESTRAINT SYSTEMS MAY VARY BASED UPON THE ENGINEERS' DESIGN AS SHOWN ON THE PLAN AND PROFILE SHEETS.



NOT TO SCALE  
DATE: OCTOBER 2020