



PVC

PVC DESIGN:
 SOIL TYPE: SM
 TRENCH TYPE: 5
 COVER: 3' ≤ 12" DIA.
 4' > 12" DIA.
 TEST PRESSURE: 150 PSI

TEE \ Ur	15'	20'
4X4	*	*
6X4	*	*
6X6	*	*
8X4	*	*
8X6	*	*
8X8	*	*
10X4	*	*
10X6	*	*
10X8	*	*
10X10	*	*
12X4	*	*
12X6	*	*
12X8	*	*
12X10	*	*
12X12	6	*
16X6	*	*
16X8	*	*

TEE \ Ur	15'	20'
16X10	*	*
16X12	*	*
16X16	5	*
20X6	*	*
20X8	*	*
20X10	*	*
20X12	*	*
20X16	*	*
20X20	26	*
24X6	*	*
24X8	*	*
24X10	*	*
24X12	*	*
24X16	*	*
24X20	3	*
24X24	45	12

* = RESTRAINT AT TEE ONLY

NOTES:

1. LENGTH OF RESTRAINT SHOWN IS IN FEET. PIPE DIAMETERS ARE IN INCHES.
2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.
3. U1 AND U2 = UNINTERRUPTED STRAIGHT RUNS OF PIPE IN EACH DIRECTION.
4. Ur = THE SMALLER OF U1 OR U2
5. L = MINIMUM RESTRAINED LENGTH ALONG THE BRANCH.
6. WHERE Ur IS LESS THAN 5', RESTRAIN TEE AS A 90°. HORIZONTAL BEND.
7. INFORMATION IN THE TABLES ABOVE IS BASED ON THE DESIGN INFORMATION SHOWN. THE ENGINEER SHALL PROVIDE AMENDED RESTRAINT LENGTHS IF SITE CONDITIONS DIFFER.

FORCE MAIN TEE RESTRAINT (PVC PIPE)

STANDARD
 CONSTRUCTION
 DETAILS



CITY OF
savannah

WATER RESOURCES AND PUBLIC WORKS BUREAU
 Planning & Engineering

SCALE: N.T.S.

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PLATE NUMBER:

S6