



POLYETHYLENE WRAPPED DUCTILE IRON PIPE

PE WRAPPED DIP:
 SOIL TYPE: SM
 TRENCH TYPE: 5
 COVER: 3'
 TEST PRESSURE=150 PSI

TEE	Ur	15'	20'
4X4	*	*	*
6X4	*	*	*
6X6	*	*	*
8X4	*	*	*
8X6	*	*	*
8X8	*	*	*
10X4	*	*	*
10X6	*	*	*
10X8	*	*	*
10X10	*	*	*
12X4	*	*	*
12X6	*	*	*
12X8	*	*	*
12X10	*	*	*
12X12	9	*	*
16X6	*	*	*
16X8	*	*	*

TEE	Ur	15'	20'
16X10	*	*	*
16X12	*	*	*
16X16	8	*	*
20X6	*	*	*
20X8	*	*	*
20X10	*	*	*
20X12	*	*	*
20X16	5	*	*
20X20	86	57	*
24X6	*	*	*
24X8	*	*	*
24X10	*	*	*
24X12	*	*	*
24X16	*	*	*
24X20	50	*	*
24X24	122	72	*

MINIMUM RESTRAINED LENGTH (L)

* = RESTRAIN AT TEE ONLY

NOTES:

1. LENGTH OF RESTRAINT SHOWN IS IN FEET. FITTING 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 RESTRAINED JOINT PIPE IN EACH DIRECTION.
4. Ur = THE SMALLER OF U1 OR U2 (E.G., U1, IN THE ABOVE DIAGRAM).
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 (DUCTILE IRON PIPE)

STANDARD
 CONSTRUCTION
 DETAILS



CITY OF
savannah
 WATER RESOURCES AND PUBLIC WORKS BUREAU
 Planning & Engineering

SCALE: N.T.S.
 DATED: JAN 2017
 PLATE NUMBER:
 S7