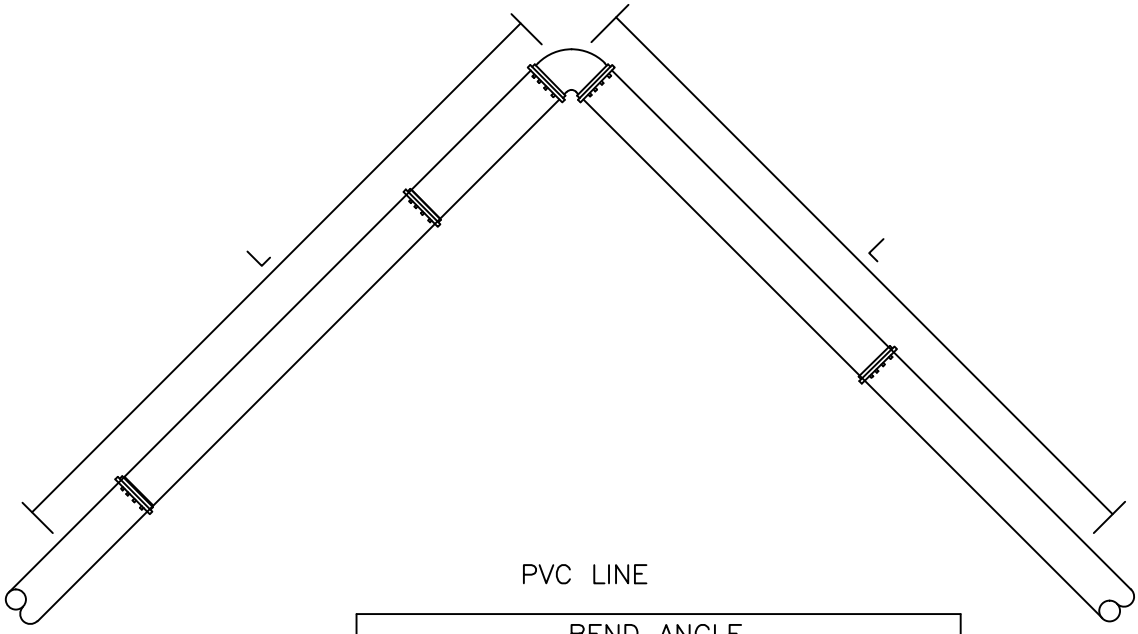

PVC LINE

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

	BEND ANGLE			
PIPE DIA.	11 $\frac{1}{4}$°	22 $\frac{1}{2}$°	45°	90°
4	2	4	8	18
6	3	5	11	25
8	4	7	14	33
10	4	8	16	39
12	5	9	19	45
16	5	9	19	45
20	6	11	23	54
24	8	16	26	62

DUCTILE IRON LINE

PE WRAPPRED DIP:
SOIL TYPE: SM
TRENCH TYPE: 3
COVER: 3'
TEST PRESSURE: 150 PSI

	BEND ANGLE			
PIPE DIA.	11 $\frac{1}{4}$°	22 $\frac{1}{2}$°	45°	90°
4	3	5	9	20
6	3	6	12	28
8	4	8	16	36
10	5	9	19	43
12	6	11	22	51
16	7	14	28	65
20	8	16	33	79
24	9	19	38	92

MINIMUM RESTRAINED LENGTH (L)

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. INFORMATION IN THE TABLES ABOVE ARE BASED ON THE DESIGN INFORMATION SHOWN. THE ENGINEER SHALL PROVIDE AMENDED RESTRAINT LENGTHS IF SITE CONDITIONS DIFFER

HORIZONTAL BEND RESTRAINT

STANDARD CONSTRUCTION DETAILS

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

SCALE: N.T.S.
DATED: SEP 2013
PLATE NUMBER: W28