

f-BW_300dp \II0789_PENVploto OPYRIGHT © 2012, BY BAXTER & WOODMAN, INC. STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM ICENSE NO.- 184-00121- EXPIRES 4/30/2013 ICENSE NO.- 184-00121- 520158

ATERMAIN	THRUST	BLOCKING	DETAILS

		DIMEN	SION (FT.)		BEARING AREA (SQ. FT.)
	н	L	w	F	A
' X 20" TEE	6.0	7.0	2.0	2.0	41.2
DEGREE BEND	5.0	6.0	2.0	2.0	29.1
DEGREE BEND	4.0	4.0	2.0	2.0	15.8
1/2 DEGREE BEND	3.0	3.0	2.0	2.0	8.0
1/4 DEGREE BEND	2.0	2.0	2.0	2.0	4.0
' X 16" TEE	5.0	6.0	2.0	2.0	26.7
DEGREE BEND	4.5	4.5	2.0	2.0	18.9
DEGREE BEND	3.0	3.5	2.0	2.0	10.2
1/2 DEGREE BEND	2.5	2.5	2.0	2.0	5.2
1/4 DEGREE BEND	1.5	2.0	2.0	2.0	2.6
' X 12" TEE	4.0	4.0	1.5	1.5	15.4
DEGREE BEND	3.0	4.0	1.5	1.5	10.9
DEGREE BEND	2.0	3.0	1.5	1.5	5.9
1/2 DEGREE BEND	1.5	2.0	1.5	1.5	3.0
1/4 DEGREE BEND	1.0	1.5	1.5	1.5	1.5
' X 10" TEE	3.0	4.0	1.5	1.5	10.9
DEGREE BEND	3.0	3.0	1.5	1.5	7.7
DEGREE BEND	2.0	3.0	1.5	1.5	4.2
1/2 DEGREE BEND	1.5	1.5	1.5	1.5	2.1
1/4 DEGREE BEND	1.0	1.5	1.5	1.5	1.1
8" TEE	2.5	3.0	1.0	1.0	7.2
EGREE BEND	2.5	2.5	1.0	1.0	5.1
EGREE BEND	1.5	2.0	1.0	1.0	2.8
/2 DEGREE BEND	1.0	2.0	1.0	1.0	1.4
/4 DEGREE BEND	1.0	1.0	1.0	1.0	1.0

WATER DISTRICT IAIN RELOCATION CEMENT DETAILS		F.A.P. 303	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
			129R		WINNEBAGO	968	479	
			CONTRACT NO.					
	STA.	TO STA.	FED. RC	DAD DIST. NO.				