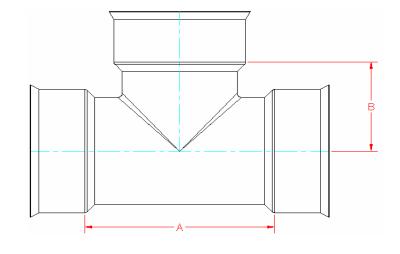
INJECTION MOLDED TEE 4" - 12" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
0460ST	4 in (100 mm)	7.4 in (187 mm)	3.7 in (93 mm)	ST
0460WT	4 in (100 mm)	7.4 in (187 mm)	3.7 in (93 mm)	WT
0661ST	6 in (150 mm)	10.5 in (266 mm)	5.2 in (133 mm)	ST
0661WT	6 in (150 mm)	10.5 in (266 mm)	5.2 in (133 mm)	WT
0862ST	8 in (200 mm)	13.8 in (350 mm)	6.9 in (175 mm)	ST
0862WT	8 in (200 mm)	13.8 in (350 mm)	6.9 in (175 mm)	WT
1063ST	10 in (250 mm)	17.9 in (454 mm)	8.9 in (227 mm)	ST
1063WT	10 in (250 mm)	17.9 in (454 mm)	8.9 in (227 mm)	WT
1264ST	12 in (300 mm)	22.5 in (572 mm)	11.3 in (286 mm)	ST
1264WT	12 in (300 mm)	22.5 in (572 mm)	11.3 in (286 mm)	WT



NOTE:

FITTINGS WHOSE PART NUMBERS END WITH "WT" HAVE WATER TIGHT BELL CONNECTIONS. WATER TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)

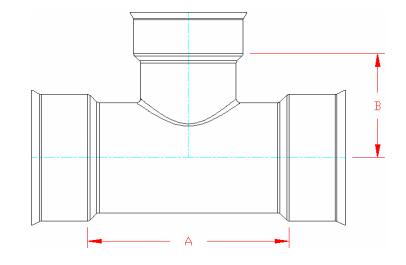
FITTINGS WHOSE PART NUMBERS END WITH "ST" HAVE SOIL TIGHT BELL CONNECTIONS. SOIL TIGHT BELLS HAVE MOLDED CLEATS AND REQUIRE NO GASKET TO MAKE CONNECTION TO DUAL WALL PIPE.



DRAWING #:	3000	
DRAWN BY:	JCB	07.28.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.15.07
	·	

INJECTION MOLDED REDUCING TEE 6" x 4" - 10"×8" - 12"×8" DIAMETER

PART #	PIPE SIZE	Α	В	JOINT
0660ST	6 × 4 in (150 × 100 mm)	7.4 in (187 mm)	4.4 in (111 mm)	ST
0660WT	6 × 4 in (150 × 100 mm)	7.4 in (187 mm)	4.4 in (111 mm)	WT
1062ST	10 × 8 in (250 × 200 mm)	17.9 in (454 mm)	9.9 in (252 mm)	ST
1062WT	10 × 8 in (250 × 200 mm)	17.9 in (454 mm)	9.9 in (252 mm)	WT
1262WT	12 × 8 in (300 × 200 mm)	22.5 in (572 mm)	13.6 in (346 mm)	WT



NOTE:

FITTINGS WHOSE PART NUMBERS END WITH "WT" HAVE WATER TIGHT BELL CONNECTIONS. WATER TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)

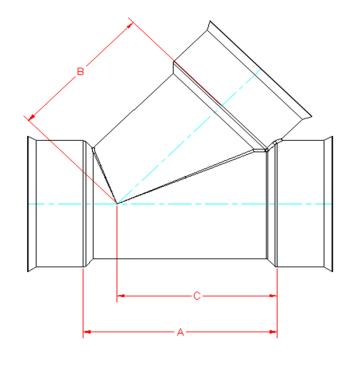
FITTINGS WHOSE PART NUMBERS END WITH "ST" HAVE SOIL TIGHT BELL CONNECTIONS. SOIL TIGHT BELLS HAVE MOLDED CLEATS AND REQUIRE NO GASKET TO MAKE CONNECTION TO DUAL WALL PIPE.



DRAWING #:	3010	
DRAWN BY:	JCB	04.24.07
APPROVED BY:		
REVISIONS:	TJR	10.17.07

INJECTION MOLDED 45° WYE 4" - 12" DIAMETER

PART #	PIPE SIZE	Α	В	С	JOINT
0480ST	4 in (100 mm)	7.4 in (187 mm)	5.5 in (140 mm)	6.1 in (154 mm)	ST
0480WT	4 in (100 mm)	7.4 in (187 mm)	5.5 in (140 mm)	6.1 in (154 mm)	WT
0681ST	6 in (150 mm)	10.5 in (266 mm)	8.0 in (202 mm)	8.7 in (220 mm)	ST
0681WT	6 in (150 mm)	10.5 in (266 mm)	8.0 in (202 mm)	8.7 in (220 mm)	WT
0882ST	8 in (200 mm)	13.8 in (350 mm)	10.6 in (268 mm)	11.4 in (290 mm)	ST
0882WT	8 in (200 mm)	13.8 in (350 mm)	10.6 in (268 mm)	11.4 in (290 mm)	WT
1083ST	10 in (250 mm)	17.9 in (454 mm)	13.3 in (338 mm)	14.4 in (367 mm)	ST
1083WT	10 in (250 mm)	17.9 in (454 mm)	13.3 in (338 mm)	14.4 in (367 mm)	WT
1284ST	12 in (300 mm)	22.5 in (572 mm)	16.5 in (419 mm)	18.1 in (461 mm)	ST
1284WT	12 in (300 mm)	22.5 in (572 mm)	16.5 in (419 mm)	18.1 in (461 mm)	WT



NOTE:

FITTINGS WHOSE PART NUMBERS END WITH "WT" HAVE WATER TIGHT BELL CONNECTIONS. WATER TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)

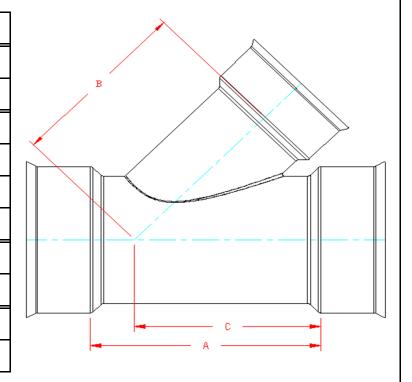
FITTINGS WHOSE PART NUMBERS END WITH "ST" HAVE SOIL TIGHT BELL CONNECTIONS. SOIL TIGHT BELLS HAVE MOLDED CLEATS AND REQUIRE NO GASKET TO MAKE CONNECTION TO DUAL WALL PIPE.



DRAWING #:	3100	
DRAWN BY:	JCB	07.28.06
APPROVED BY:		
REVISIONS:	TJR	9/26/2016

INJECTION MOLDED 45° REDUCING WYE 6" x 4" - 8" x 4" - 8" x 6" -10"×8" - 12" x 6" - 12"×8" DIAMETER

PART #	PIPE SIZE	Α	В	С	JOINT
OCOOCT	6 × 4 in	9.3 in	8.3 in	4.8 in	СТ
0680ST	(150 × 100 mm)	(235 mm)	(210 mm)	(123 mm)	ST
0680WT	6 × 4 in	9.3 in	8.3 in	4.8 in	WT
0000001	(150 × 100 mm)	(235 mm)	(210 mm)	(123 mm)	VVI
0880ST	8 × 4 in	10.7 in	10.0 in	9.2 in	ST
000031	(200 × 100 mm)	(271 mm)	(254 mm)	(233 mm)	51
0880WT	8 × 4 in	10.7 in	10.0 in	9.2 in	WT
0000001	(200 × 100 mm)	(271 mm)	(254 mm)	(233 mm)	VV 1
0881ST	8 × 6 in	12.6 in	11.3 in	10.8 in	ST
000131	(200 × 150 mm)	(320 mm)	(286 mm)	(275 mm)	51
0881WT	8 × 6 in	12.6 in	11.3 in	10.8 in	WT
0001771	(200 × 150 mm)	(320 mm)	(286 mm)	(275 mm)	V V I
1082ST	10 × 8 in	17.9 in	14.3 in	13.9 in	ST
100231	(250 × 200 mm)	(454 mm)	(362 mm)	(354 mm)	5
1082WT	10 × 8 in	17.9 in	14.3 in	13.9 in	WT
1002441	(250 × 200 mm)	(455 mm)	(362 mm)	(354 mm)	VVI
1281WT	12 × 6 in	17.1 in	15.8 in	14.5 in	WT
1201771	(300 × 150 mm)	(435 mm)	(400 mm)	(369 mm)	VV I
1282WT	12 × 8 in	22.5 in	18.7 in	18.1 in	WT
1202 7 1	(300 × 200 mm)	(572 mm)	(474 mm)	(461 mm)	V V I



NOTE:

FITTINGS WHOSE PART NUMBERS END WITH "WT" HAVE WATER TIGHT BELL CONNECTIONS. WATER TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)

FITTINGS WHOSE PART NUMBERS END WITH "ST" HAVE SOIL TIGHT BELL CONNECTIONS. SOIL TIGHT BELLS HAVE MOLDED CLEATS AND REQUIRE NO GASKET TO MAKE CONNECTION TO DUAL WALL PIPE.



DRAWING #:	3110	
DRAWN BY:	JCB	04.24.07
APPROVED BY:		
REVISIONS:	TJR	03.08.13

INJECTION MOLDED 45° BEND 4" - 12" DIAMETER

PART #	PIPE SIZE	А	JOINT
0494ST	4 in (100 mm)	1.3 in (33 mm)	ST
0494WT	4 in (100 mm)	1.3 in (33 mm)	WT
0694ST	6 in (150 mm)	1.8 in (46 mm)	ST
0694WT	6 in (150 mm)	1.8 in (46 mm)	WT
0894ST	8 in (200 mm)	2.4 in (60 mm)	ST
0894WT	8 in (200 mm)	2.4 in (60 mm)	WT
1094ST	10 in (250 mm)	3.4 in (87 mm)	ST
1094WT	10 in (250 mm)	3.4 in (87 mm)	WT
1294ST	12 in (300 mm)	4.4 in (112 mm)	ST
1294WT	12 in (300 mm)	4.4 in (112 mm)	WT

45*

NOTE:

FITTINGS WHOSE PART NUMBERS END WITH "WT" HAVE WATER TIGHT BELL CONNECTIONS. WATER TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)

FITTINGS WHOSE PART NUMBERS END WITH "ST" HAVE SOIL TIGHT BELL CONNECTIONS. SOIL TIGHT BELLS HAVE MOLDED CLEATS AND REQUIRE NO GASKET TO MAKE CONNECTION TO DUAL WALL PIPE.



DRAWING #:	3200	
DRAWN BY:	JCB	07.31.06
APPROVED BY:		
REVISIONS:	NJP	06.15.07

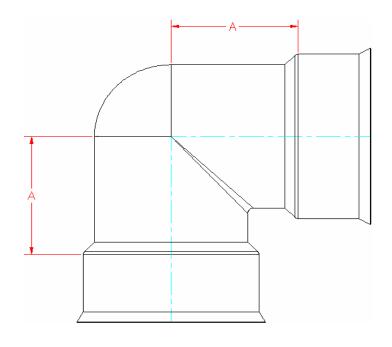
INJECTION MOLDED 90° BEND 4" - 12" DIAMETER

PART#	PIPE SIZE	А	JOINT
0499ST	4 in (100 mm)	3.7 in (93 mm)	ST
0499WT	4 in (100 mm)	3.7 in (93 mm)	WT
0699ST	6 in (150 mm)	5.2 in (133 mm)	ST
0699WT	6 in (150 mm)	5.2 in (133 mm)	WT
0899ST	8 in (200 mm)	6.9 in (175 mm)	ST
0899WT	8 in (200 mm)	6.9 in (175 mm)	WT
1099ST	10 in (250 mm)	8.9 in (227 mm)	ST
1099WT	10 in (250 mm)	8.9 in (227 mm)	WT
1299ST	12 in (300 mm)	11.3 in (286 mm)	ST
1299WT	12 in (300 mm)	11.3 in (286 mm)	WT

NOTE:

FITTINGS WHOSE PART NUMBERS END WITH "WT" HAVE WATER TIGHT BELL CONNECTIONS. WATER TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)

FITTINGS WHOSE PART NUMBERS END WITH "ST" HAVE SOIL TIGHT BELL CONNECTIONS. SOIL TIGHT BELLS HAVE MOLDED CLEATS AND REQUIRE NO GASKET TO MAKE CONNECTION TO DUAL WALL PIPE.



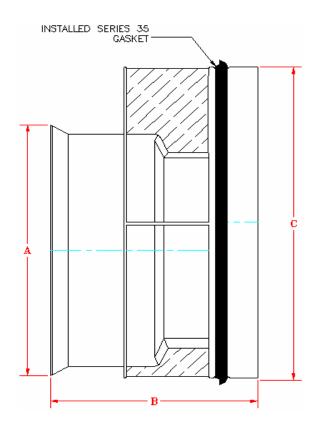
DRAWING #:	3300	
DRAWN BY:	JCB	07.31.06
APPROVED BY:		
REVISIONS:	NJP	06.15.07

INJECTION MOLDED BELL/SPIGOT REDUCER

PART #	PIPE SIZE	Α	В	С	JOINT
0674WT	6 × 4 in (150 × 100 mm)	5.6 in (142 mm)	4.3 in (108 mm)	6.9 in (176 mm)	WT
0874WT	8 × 4 in (200 × 100 mm)	5.7 in (145 mm)	4.3 in (108 mm)	9.2 in (233 mm)	WT
0876WT	8 × 6 in (200 × 150 mm)	8.0 in (204 mm)	5.3 in (133 mm)	9.2 in (233 mm)	WT

NOTE:

FITTINGS WHOSE PART NUMBERS END WITH "WT" HAVE WATER TIGHT BELL CONNECTIONS. WATER TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)





DRAWING #:	3400	
DRAWN BY:	JCB	07.31.06
APPROVED BY:		
REVISIONS:	NJP	06.15.07

INJECTION MOLDED REDUCING BELL/BELL COUPLER

PART #	PIPE SIZE	А	В	С	JOINT
0614WT	6 × 4 in (150 × 100 mm)	5.6 in (142 mm)	6.6 in (167 mm)	7.9 in (201 mm)	WT
0814WT	8 × 4 in (200 × 100 mm)	5.7 in (145 mm)	6.6 in (167 mm)	10.4 in (263 mm)	WT
0816WT	8 × 6 in (200 × 150 mm)	8.0 in (204 mm)	7.7 in (196 mm)	10.4 in (263 mm)	WT
1018WT	10 × 8 in (200 × 100 mm)	10.3 in (262 mm)	9.9 in (250 mm)	12.9 in (327 mm)	WT
1218WT	12 × 8 in (200 × 150 mm)	10.4 in (265 mm)	11.2 in (285 mm)	16.3 in (413 mm)	WT
1210WT	12 × 10 in (200 × 100 mm)	13.0 in (329 mm)	12.3 in (313 mm)	16.3 in (413 mm)	WT

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NOTE:

FITTINGS WHOSE PART NUMBERS END WITH "WT"
HAVE WATER TIGHT BELL CONNECTIONS. WATER
TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND
REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE
TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)



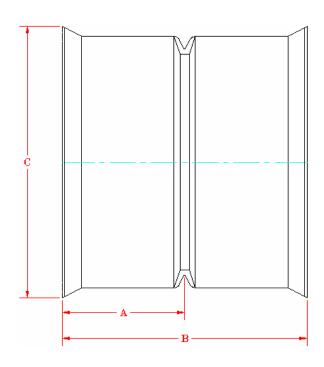
DRAWING #:	3500	
DRAWN BY:	JCB	07.31.06
APPROVED BY:		
REVISIONS:	NJP	06.15.07
		, and the second

INJECTION MOLDED BELL/BELL COUPLER

PART #	PIPE SIZE	Α	В	С	JOINT
0413WT	4 × 4 in (100 × 100 mm)	2.3 in (59 mm)	4.7 in (119 mm)	5.6 in (141 mm)	WT
0613WT	6 × 6 in (150 × 150 mm)	3.5 in (88 mm)	6.9 in (176 mm)	7.9 in (201 mm)	WT
0813WT	8 × 8 in (200 × 200 mm)	4.3 in (108 mm)	8.6 in (217 mm)	10.4 in (263 mm)	WT
1013WT	10 × 10 in (250 × 250 mm)	5.5 in (140 mm)	11.0 in (279 mm)	12.9 in (326 mm)	WT

NOTE:

FITTINGS WHOSE PART NUMBERS END WITH "WT" HAVE WATER TIGHT BELL CONNECTIONS. WATER TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)

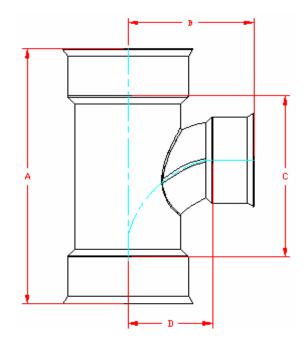




DRAWING #:	3600	
DRAWN BY:	JCB	03.28.07
APPROVED BY:		
REVISIONS:	TJR	10.17.07

INJECTION MOLDED SWEEPING TEE 8"×4" - 12"×6" DIAMETER

PART #	PIPE SIZE	Α	В	С	D	JOINT
0863ST	8 × 4 in	16.0 in	8.1 in	9.4 in	6.0 in	ST
000001	(200 × 100 mm)	(406 mm)	(206 mm)	(239 mm)	(151 mm)	5
0863WT	8 × 4 in	16.0 in	8.1 in	9.4 in	6.0 in	WT
0000	(200 × 100 mm)	(406 mm)	(206 mm)	(239 mm)	(151 mm)	** 1
0836ST	8 × 6 in	21.8 in	10.0 in	13.8 in	6.8 in	ST
000001	(200 × 150 mm)	(554 mm)	(255 mm)	(349 mm)	(171 mm)	5
0836WT	8 × 6 in	21.8 in	10.0 in	13.8 in	6.8 in	WT
0000	(200 × 150 mm)	(554 mm)	(255 mm)	(349 mm)	(171 mm)	** 1
1036ST	10 × 6 in	22.5 in	14.1 in	12.5 in	10.9 in	ST
103031	(250 × 150 mm)	(572 mm)	(359 mm)	(317 mm)	(276 mm)	5
1036WT	10 × 6 in	22.5 in	14.1 in	12.5 in	10.9 in	WT
1030771	(250 × 150 mm)	(572 mm)	(359 mm)	(317 mm)	(276 mm)	V 1
1236WT	12 × 6 in	24.5 in	14.1 in	11.8 in	10.9 in	WT
1230001	(300 × 150 mm)	(622 mm)	(359 mm)	(299 mm)	(276 mm)	VVI



NOTE:

FITTINGS WHOSE PART NUMBERS END WITH "WT" HAVE WATER TIGHT BELL CONNECTIONS. WATER TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)



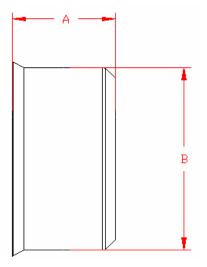
DRAWING #:	3700	
DRAWN BY:	JCB	03.28.07
APPROVED BY:		
REVISIONS:	TJR	10.17.07

INJECTION MOLDED END CAP

PART #	PIPE SIZE	А	В	JOINT
0432WT	4 in (100 mm)	2.7 in (67 mm)	5.1 in (131 mm)	WT
0632WT	6 in (150 mm)	3.9 in (98 mm)	7.3 in (185 mm)	WT

NOTE:

FITTINGS WHOSE PART NUMBERS END WITH "WT" HAVE WATER TIGHT BELL CONNECTIONS. WATER TIGHT BELLS ARE SHOWN HERE IN THIS DRAWING AND REQUIRE GASKETS TO BE FITTED TO DUAL WALL PIPE TO FORM A WATER TIGHT JOINT. (GASKETS INCLUDED)





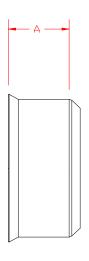
DRAWING #:	3800	
DRAWN BY:	JCB	03.28.07
APPROVED BY:		
REVISIONS:	NJP	06.15.07

INJECTION MOLDED BELL LENGTH (REFERENCE CHART)

BELL*
LENGTH
LLINGTIT
2.2 in
(56 mm)
3.3 in
(84 mm)
4.0 in
(102 mm)
5.0 in
(127 mm)
(127 mm) 6.4 in



DIMENSION IS NOT OVERALL BELL LENGTH AND IS TO BE ADDED TO RESPECTIVE FITTING'S INDICATED LAY LENGTH





DRAWING #:	3900	
DRAWN BY:	TJR	6/10/2009
APPROVED BY:		
REVISIONS:		