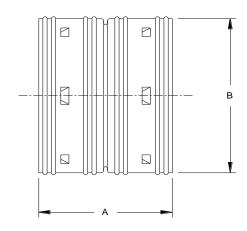
#### **EXTERNAL SNAP COUPLER**

PART#	PIPE SIZE	А	В
0312AA	3 in	4.0 in	4.0 in
0012701	(75 mm)	(102 mm)	(102 mm)
0412AA*	4 in	4.3 in	5.1 in
0412AA	(100 mm)	(108 mm)	(130 mm)
0512AA	5 in	4.4 in	6.3 in
0312AA	(125 mm)	(111 mm)	(159 mm)
0612AA	6 in	5.6 in	7.4 in
0012AA	(150 mm)	(143 mm)	(187 mm)
0812AA	8 in	6.0 in	10.0 in
0012AA	(200 mm)	(152 mm)	(254 mm)
1012AA	10 in	10.3 in	12.5 in
1012AA	(250 mm)	(260 mm)	(318 mm)



#### SINGLE WALL SPLIT COUPLER

PART#	PIPE SIZE	А	В
0311AA	3 in	3.0 in	4.0 in
USTIAA	(75 mm)	(76 mm)	(102 mm)
0411AA	4 in	3.8 in	5.1 in
U4TTAA	(100 mm)	(95 mm)	(130 mm)
0511AA	5 in	4.0 in	6.3 in
USTIAA	(125 mm)	(102 mm)	(159 mm)
0611AA	6 in	4.0 in	7.4 in
UUTTAA	(150 mm)	(102 mm)	(187 mm)
0811AA*	8 in	6.0 in	10.0 in
UOTTAA	(200 mm)	(152 mm)	(254 mm)
1011AA*	10 in	5.5 in	12.5 in
IUTTAA	(150 mm)	(140 mm)	(318 mm)
1211AA	12 in	8.3 in	15.5 in
121177	(300 mm)	(210 mm)	(394 mm)

NOTE: ALL DIMENSIONS ARE NOMINAL



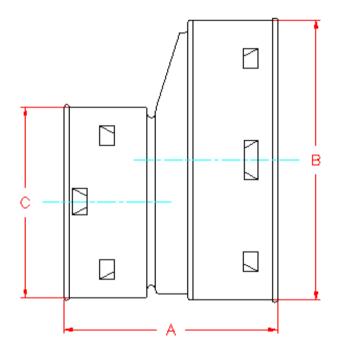
DRAWING #:	1000	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.22.07
REVISIONS:	TJR	11.18.08

COUPLER BOUND BY WRAPPING 2"
WIDE POLYETHTLENE TAPE SUPPLIED.
1011-AA AND 1211-AA USE LOCKING
CABLES. SEE DRAWING 2000

<sup>\*</sup> DENOTES PARTS THAT CAN ALSO BE USED ON DUAL WALL PIPE

## SINGLE WALL SNAP REDUCING COUPLER

PART #	PIPE SIZE	А	В	С
0314AA	4 x 3 in	4.6 in	5.1 in	4.0 in
	(100 x 75 mm)	(118 mm)	(130 mm)	(102 mm)
0514AA	5 x 4 in	5.0 in	6.3 in	5.1 in
0314777	(125 x 100 mm)	(127 mm)	(159 mm)	(130 mm)
0614AA	6 x 4 in	5.8 in	7.4 in	5.1 in
0014AA	(150 x 100 mm)	(146 mm)	(187 mm)	(130 mm)
0516AA	6 x 5 in	5.8 in	7.4 in	6.3 in
3310/1/1	(150 x 125 mm)	(147 mm)	(187 mm)	(159 mm)
	(150 x 125 mm) 8 x 6 in	(147 mm) 5.8 in	(187 mm) 10.0 in	(159 mm) 7.4 in
0816AA	,		,	
0816AA	8 x 6 in	5.8 in	10.0 in	7.4 in
	8 x 6 in (200 x 150 mm)	5.8 in (146 mm)	10.0 in (254 mm)	7.4 in (187 mm)
0816AA	8 x 6 in (200 x 150 mm) 10 x 8 in	5.8 in (146 mm) 10.0 in	10.0 in (254 mm) 12.5 in	7.4 in (187 mm) 10.0 in



NOTE: ALL DIMENSIONS ARE NOMINAL

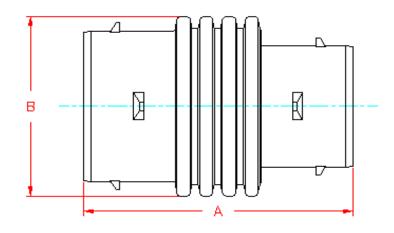
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DRAWING #:	1005	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.22.07
REVISIONS:	NJP	06.12.07

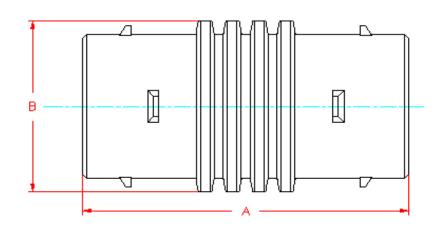
## INTERNAL REDUCING COUPLER

PART#	PIPE SIZE	А	В
0425AA	5 x 4 in	8.8 in	5.9 in
	(125 x 100 mm)	(222 mm)	(149 mm)
0526AA	6 x 5 in	8.8 in	7.0 in
	(150 x 125 mm)	(222 mm)	(178 mm)



## INTERNAL COUPLER

PART#	PIPE SIZE	А	В
0315AA	3 in	6.0 in	3.5 in
	(75 mm)	(152 mm)	(89 mm)
0415AA	4 in	8.3 in	4.8 in
	(100 mm)	(210 mm)	(121 mm)
0417AA	4 in	6.1 in	4.8 in
	(100 mm)	(156 mm)	(121 mm)
0515AA	5 in	8.3 in	5.9 in
	(125 mm)	(210 mm)	(149 mm)
0515AA 0615AA	•		0.10
	(125 mm)	(210 mm)	(149 mm)
	6 in	8.3 in	7.0 in



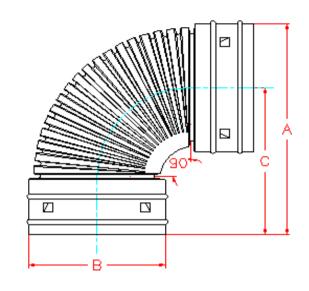
NOTE: ALL DIMENSIONS ARE NOMINAL



DRAWING #:	1010	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.22.07
REVISIONS:	NJP	06.12.07
·		

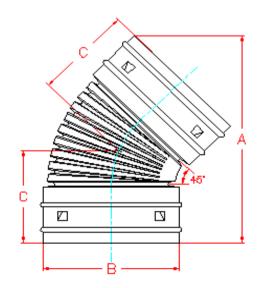
## 90° SNAP ELBOW

PART #	PIPE SIZE	А	В	С
0390AA	<b>3 in</b> (75 mm)	<b>7.4 in</b> (187 mm)	4.0 in (102 mm)	5.4 in (137 mm)
0490AA	4 in (100 mm)	7.9 in (200 mm)	5.1 in (130 mm)	5.3 in (133 mm)



## 45° SNAP ELBOW

PART #	PIPE SIZE	А	В	С
0445AA	4 in	7.5 in	5.1 in	3.8 in
UHHOAA	(100 mm)	(191 mm)	(130 mm)	(95 mm)



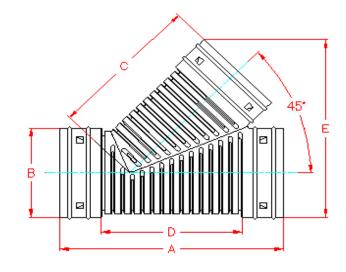


DRAWING #:	1015	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07

NOTE: ALL DIMENSIONS ARE NOMINAL

## SINGLE WALL WYE

PART #	PIPE SIZE	А	В	С	D	E
0322AA	3 in	10.5 in	4.0 in	7.0 in	6.4 in	8.4 in (213 mm)
	(75 mm)	(267 mm)	(102 mm)	(178 mm)	(162 mm)	
0422AA	4 in	11.6 in	5.1 in	7.6 in	7.3 in	9.8 in
V, v .	(100 mm)	(295 mm)	(130 mm)	(194 mm)	(184 mm)	(248 mm)
0522AA	5 in	13.6 in	6.3 in	9.3 in	8.8 in	11.9 in
· · ·	(125 mm)	(346 mm)	(159 mm)	(235 mm)	(222 mm)	(302 mm)
	(125 mm) 6 in	(346 mm) 16.0 in	(159 mm) 7.4 in	(235 mm) 11.1 in	(222 mm) 11.4 in	(302 mm) 14.1 in
0622AA						
	6 in	16.0 in	7.4 in	11.1 in	11.4 in	14.1 in



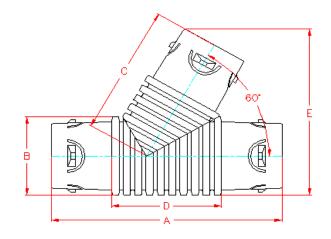


DRAWING #:	1020	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07

NOTE: ALL DIMENSIONS ARE NOMINAL

## SINGLE WALL INTERNAL WYE

PART #	PIPE SIZE	Α	В	С	D	E
0321AA	3 in	9.9 in	3.5 in	5.8 in	4.7 in	7.5 in
032 TAA	(75 mm)	(250 mm)	(89 mm)	(147 mm)	(119 mm)	(190 mm)



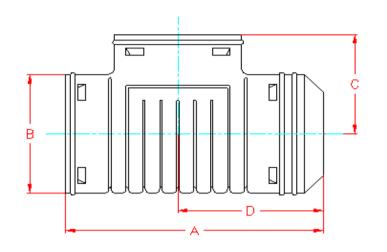
NOTE: ALL DIMENSIONS ARE NOMINAL



DRAWING #:	1021	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	10.17.07

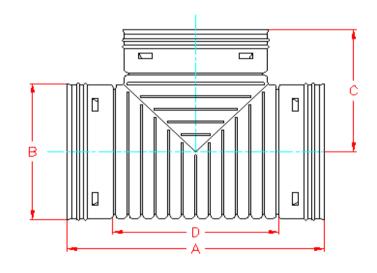
## **BLIND TEE**

PART#	PIPE SIZE	А	В	С	D
0341AA	3 in	10.0 in	4.0 in	4.3 in	5.8 in
034177	(75 mm)	(254 mm)	(102 mm)	(108 mm)	(146 mm)
0441AA	4 in	12.0 in	5.1 in	4.0 in	7.5 in
044 IAA	(100 mm)	(305 mm)	(130 mm)	(6 mm)	(191 mm)
0541AA	5 in	12.5 in	6.3 in	5.9 in	6.8 in
054 TAA	(125 mm)	(318 mm)	(159 mm)	(149 mm)	(171 mm)
0641AA	6 in	14.0 in	7.4 in	6.3 in	7.8 in
004 IAA	(150 mm)	(356 mm)	(187 mm)	(159 mm)	(197 mm)
0841AA	8 in	20.3 in	9.9 in	10.5 in	10.8 in
004 IAA	(200 mm)	(514 mm)	(251 mm)	(267 mm)	(273 mm)
1041AA	10 in	21.5 in	12.3 in	12.3 in	10.8 in
1041AA	(250 mm)	(546 mm)	(311 mm)	(311 mm)	(273 mm)



## **SNAP TEE**

PART #	PIPE SIZE	Α	В	С	D
0321AA	3 in	8.3 in	4.0 in	4.3 in	4.5 in
0321AA	(75 mm)	(210 mm)	(102 mm)	(108 mm)	(114 mm)
0421AA	4 in	9.5 in	5.1 in	4.0 in	5.5 in
042 IAA	(100 mm)	(241 mm)	(130 mm)	(102 mm)	(140 mm)
0525AA	5 in	10.9 in	6.3 in	5.9 in	5.6 in
0323AA	(125 mm)	(276 mm)	(159 mm)	(149 mm)	(143 mm)
0626AA	6 in	12.5 in	7.4 in	6.3 in	7.8 in
0020AA	(150 mm)	(318 mm)	(187 mm)	(159 mm)	(197 mm)



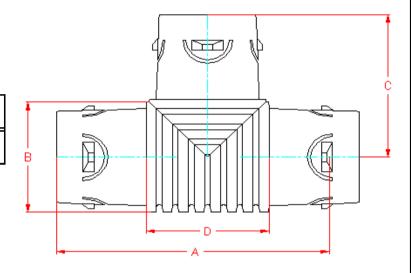


DRAWING #:	1025	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07

NOTE: ALL DIMENSIONS ARE NOMINAL

## INTERNAL SNAP TEE

PART #	PIPE SIZE	А	В	С	D
0321AAIN	3 in	9.1 in	3.5 in	4.6 in	3.7 in
	(75 mm)	(231 mm)	(89 mm)	(116 mm)	(94 mm)



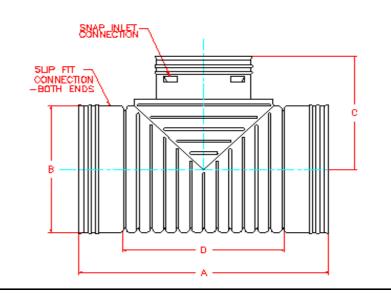
NOTE: ALL DIMENSIONS ARE NOMINAL



DRAWING #:	1026	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07

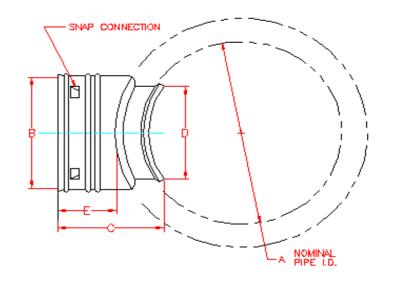
## REDUCING TEE

PART#	PIPE SIZE	А	В	С	D
0523AA	5 x 3 in	11.5 in	4.0 in	6.0 in	7.0 in
	(125 x 75 mm)	(292 mm)	(102 mm)	(152 mm)	(178 mm)
0524AA	5 x 4 in	<b>10.8 in</b>	5.1 in	6.0 in	5.5 in
	(125 x 100 mm)	(273 mm)	(130 mm)	(6 mm)	(140 mm)
0624AA	6 x 4 in	<b>12.5 in</b>	6.3 in	8.5 in	6.5 in
	(150 x 100 mm)	(318 mm)	(159 mm)	(216 mm)	(165 mm)
0625AA	6 x 5 in	<b>12.5 in</b>	7.4 in	8.5 in	6.5 in
	(150 x 125 mm)	(318 mm)	(187 mm)	(216 mm)	(165 mm)



## TAP TEE

PART#	PIPE SIZE	А	В	С	D	Е
0350AA	3 in	6 & 8 in	4.0 in	3.8 in	2.8 in	2.4 in
0330AA	(75 mm)	(150 mm) (200 mm)	(102 mm)	(95 mm)	(70 mm)	(60 mm)
0.450.4.4	4 in	6 & 8 in	5.1 in	4.5 in	3.8 in	2.5 in
1 (1/15(1)/1)	7 111	0 4 0 111	3.1 111	4.5 111	3.6 111	2.5 111
0450AA	(100 mm)	(150 mm) (200 mm)	(130 mm)	(114 mm)	(95 mm)	(64 mm)
0450AA 0410AA			_			



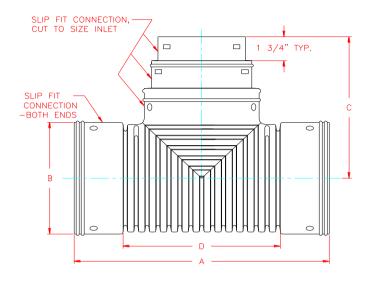


DRAWING #:	1030	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07
_		

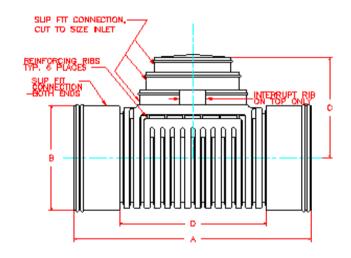
NOTE: ALL DIMENSIONS ARE NOMINAL

## **MULTIPLE TEE**

PART #	PIPE SIZE	Α	В	С	D
0644AA	6 in	11.5 in	7.4 in	9.5 in	5.8 in
	(150 mm)	(292 mm)	(187 mm)	(241 mm)	(146 mm)
0844AA	8 in	18.8 in	9.9 in	10.5 in	13.0 in
0044/1/1	(200 mm)	(476 mm)	(251 mm)	(6 mm)	(330 mm)
1044AA	10 in	21.0 in	12.3 in	11.8 in	15.0 in
1044AA	(250 mm)	(533 mm)	(311 mm)	(298 mm)	(381 mm)
1244AA	12 in	27.4 in	15.3 in	14.3 in	20.5 in
124477	(300 mm)	(695 mm)	(387 mm)	(362 mm)	(521 mm)



PART #	PIPE SIZE	Α	В	С	D
1247AA	12 in	26.1 in	14.7 in	15.0 in	20.3 in
124177	(300 mm)	(664 mm)	(373 mm)	(381 mm)	(514 mm)
151711	15 in	29.6 in	18.0 in	18.4 in	22.3 in
1547AA	<b>15 in</b> (375 mm)	29.6 in (753 mm)	18.0 in (457 mm)	18.4 in (467 mm)	22.3 in (565 mm)
1547AA 1847AA					

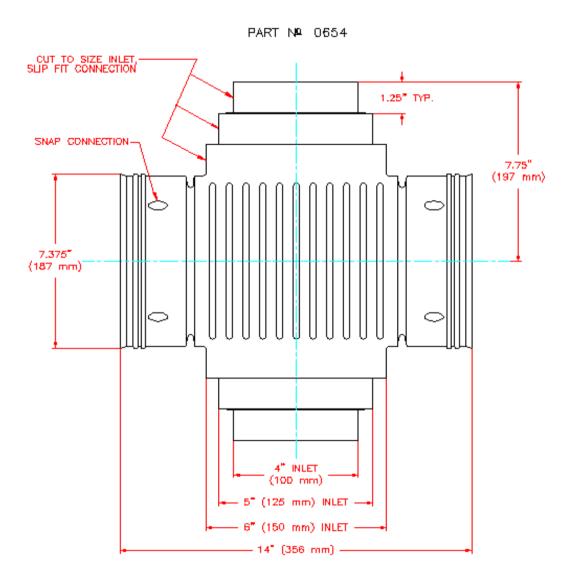




DRAWING #:	1035	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	09/02/11

NOTE: ALL DIMENSIONS ARE NOMINAL

## MULTIPLE CROSS TEE



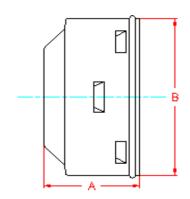
NOTE: ALL DIMENSIONS ARE NOMINAL



DRAWING #:	1040	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07

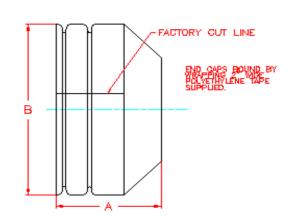
## **SNAP END CAP**

PART#	PIPE SIZE	А	В
0332AA	3 in	1.9 in	4.0 in
	(75 mm)	(48 mm)	(102 mm)
0432AA	<b>4 in</b>	2.8 in	5.1 in
	(100 mm)	(70 mm)	(130 mm)
0832AA	8 in	4.3 in	9.9 in
	(200 mm)	(108 mm)	(251 mm)
1032AA	10 in	5.0 in	<b>12.5 in</b>
	(250 mm)	(127 mm)	(318 mm)



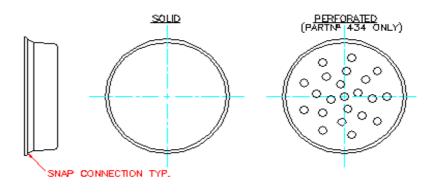
## SPLIT END CAP

PART #	PIPE SIZE	А	В
0331AA	3 in (75 mm)	3.3 in (83 mm)	4.0 in (102 mm)
0431AA	<b>4 in</b> (100 mm)	2.8 in (70 mm)	<b>5.1 in</b> (130 mm)
0531AA	<b>5 in</b> (125 mm)	4.3 in (108 mm)	6.3 in (159 mm)
0631AA	6 in (150 mm)	3.3 in (83 mm)	<b>7.4 in</b> (187 mm)



## INTERNAL END PLUG

PART #	PIPE SIZE	TYPE
0333AA	3 in (75 mm)	SOLID
0433AA	<b>4 in</b> (100 mm)	SOLID
0533AA	5 in (125 mm)	SOLID
0633AA	6 in (150 mm)	SOLID
0434AA	<b>4 in</b> (100 mm)	PERFORATED



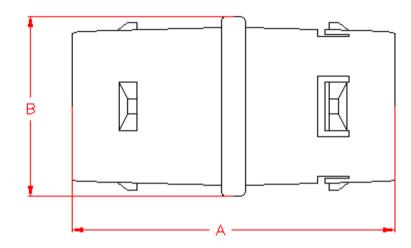
NOTE: ALL DIMENSIONS ARE NOMINAL
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DRAWING #:	1045	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07

## INTERNAL SNAP PLUG

PART #	PIPE SIZE	А	В
0332AAIN	3 in	6.0 in	3.5 in
	(75 mm)	(152 mm)	(89 mm)



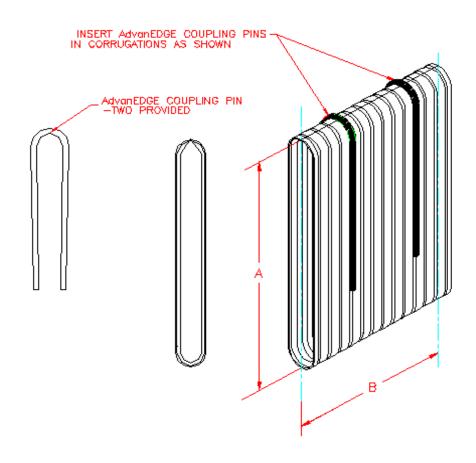
NOTE: ALL DIMENSIONS ARE NOMINAL



DRAWING #:	1046	
DRAWN BY:	CRM	09.11.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07

## ${\sf AdvanEDGE_{\sf TM}} \ {\sf EXTERNAL} \ {\sf SPLIT} \ {\sf COUPLERS}$

PART #	PIPE SIZE	Α	В
1411AA	12 in	12.9 in	8.5 in
	(300 mm)	(327 mm)	(216 mm)





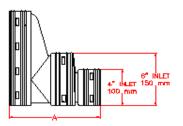
DRAWING #:	1100	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07
	AJD	01.25.23

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## $\mathsf{AdvanEDGE}_{\mathsf{TM}}\,\mathsf{END}\,\mathsf{OUTLETS}$

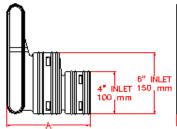
PART#	PIPE SIZE	А
	10 :	10.0:
1472AA	12 in	12.3 in

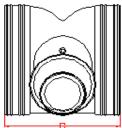




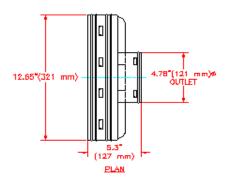
## ${\sf AdvanEDGE_{\sf TM}}\ {\sf SIDE}\ {\sf OUTLETS}$

PART#	PIPE SIZE	А	В
1471AA	<b>12 in</b> (300 mm)	9.4 in (238 mm)	<b>12.4 in</b> (314 mm)





## 12" FLAT AdvanEDGE<sub>TM</sub> OUTLET (PART # 1432AN)







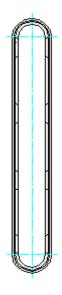


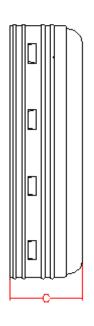
DRAWING #:	1105	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07
	AJD	01.25.23

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## $\mathsf{AdvanEDGE}_{\mathsf{TM}}\,\mathsf{SNAP}\,\mathsf{END}\,\mathsf{CAP}$

PART#	PIPE SIZE	С
1432AA	12 in (300 mm)	3.5 in (89 mm)



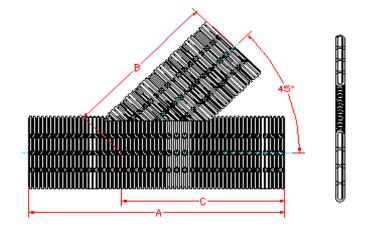




DRAWING #:	1110	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07
	AJD	01.25.23

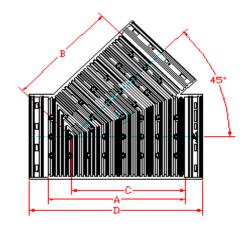
## $\mathsf{AdvanEDGE}_{\mathsf{TM}}\,\mathsf{FABRICATED}\,\mathsf{WYE}$

PART #	PIPE SIZE	Α	В	С
1480ANH	12 in	31.5 in	23.2 in	20.6 in
1400ANT	(300 mm)	(800 mm)	(588 mm)	(522 mm)



## $\mathsf{AdvanEDGE}_{\mathsf{TM}}\ \mathsf{WYE}$

PART#	PIPE SIZE	Α	В	С	D
1480AA	12 in	21.0 in	16.8 in	16.8 in	26.0 in
	(300 mm)	(534 mm)	(427 mm)	(427 mm)	(661 mm)



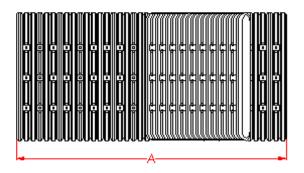


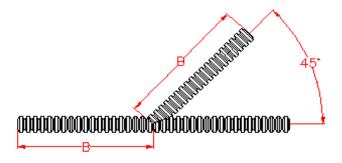
DRAWING #:	1115	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07
	AJD	01.25.23

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## ${\sf AdvanEDGE_{\sf TM}}\, {\sf FABRICATED}\,\, {\sf WYES}$

PART#	PIPE SIZE	Α	В
1480AN	12 in	26.0 in	13.0 in
	(300 mm)	(660 mm)	(330 mm)



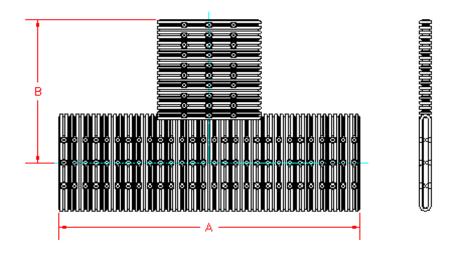




DRAWING #:	1115A	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07
·	AJD	01.25.23

## ${\sf AdvanEDGE_{\sf TM}\,FABRICATED\,TEES}$

PART #	PIPE SIZE	Α	В
1460ANH	12 in	28.9 in	14.4 in
	(300 mm)	(733 mm)	(367 mm)

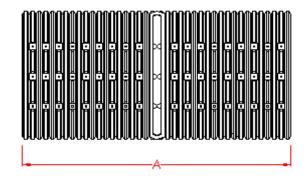


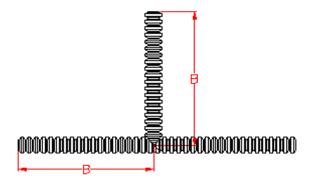


DRAWING #:	1120	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07
	AJD	01.25.23

## ${\sf AdvanEDGE_{\sf TM}\,FABRICATED\,TEES}$

PART#	PIPE SIZE	Α	В
1460AN	12 in	26.0 in	13.0 in
	(300 mm)	(660 mm)	(330 mm)





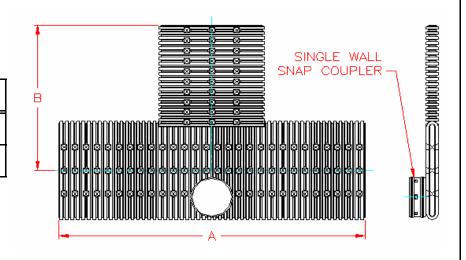


DRAWING #:	1120A	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07
	AJD	01.25.23
_		

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## ${\sf AdvanEDGE_{\sf TM}}\, {\sf FABRICATED}\,\, {\sf TEE}\,\, {\sf WITH}\,\, {\sf SIDE}\,\, {\sf OUTLET}$

PART #	PIPE SIZE	COUPLER	А	В
1464ANH	12 in (300 mm)	4 in (300 mm)	28.9 in (733 mm)	<b>14.4 in</b> (367 mm)
1464ANH81 PERF	12 in (300 mm)	4 in (300 mm)	28.9 in (733 mm)	<b>14.4 in</b> (367 mm)

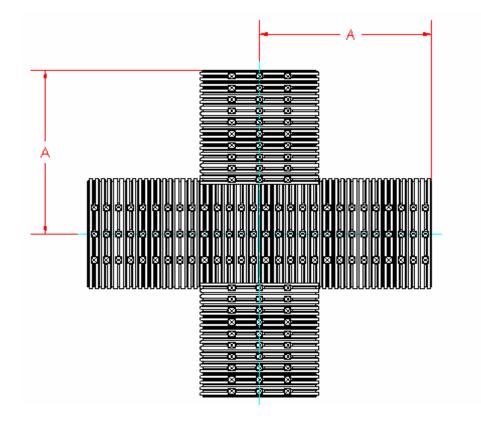




DRAWING #:		
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07

## ${\sf AdvanEDGE_{\sf TM}\,FABRICATED\,CROSS\,TEE}$

PART #	PIPE SIZE	Α
1436ANH	12 in (300 mm)	14.4 in (367 mm)



Advanced Drainage Systems, Inc.

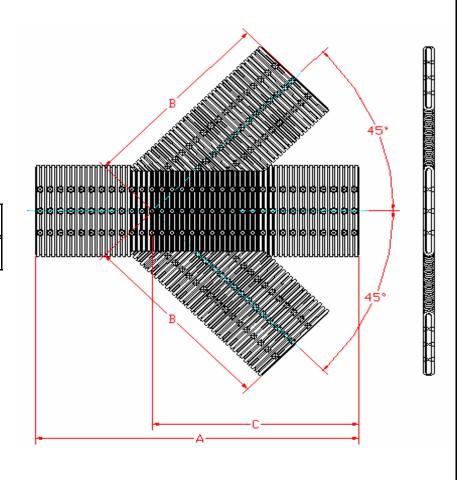
DRAWING #:	1130	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07

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NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## ${\sf AdvanEDGE_{\sf TM}} \, {\sf FABRICATED} \, \, {\sf CROSS} \, \, {\sf WYE}$

PART #	PIPE SIZE	Α	В	С
1438ANH	12 in (300 mm)	31.5 in (800 mm)	23.2 in (588 mm)	20.6 in (522 mm)
L	(000 111111)	(000 111111)	(000 111111)	(022 111111)



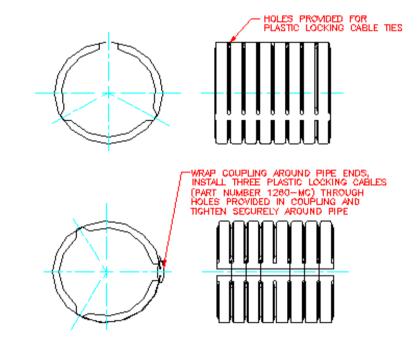
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	1135	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.12.07

## DOUBLE WIDE ST COUPLER 10" - 36" DIAMETER

PART #	PIPE SIZE	А
1069AA	10 in (250 mm)	10.8 in (273 mm)
1269AA	12 in (300 mm)	15.8 in (400 mm)
1569AA	15 in (375 mm)	21.0 in (533 mm)
1869AA	18 in (450 mm)	23.6 in (600 mm)
2469AA	24 in (600 mm)	25.5 in (648 mm)
3069AA	<b>30 in</b> (750 mm)	33.0 in (838 mm)
3669AC	<b>36 in</b> (900 mm)	<b>42.0 in</b> (1067 mm)





DRAWING #:	2000	
DRAWN BY:	JCB	09.05.06
APPROVED BY:		
REVISIONS:	TJR	2/24/2015

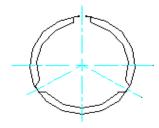
#### "A" PROFILE ST SPLIT COUPLER 6" - 60" DIAMETER

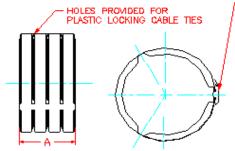
PART#	PIPE SIZE	Α
000544	6 in	4.7 in
0665AA	(150 mm)	(119 mm)
404444	10 in	5.0 in
1011AA	(250 mm)	(128 mm)
1211AA*	12 in	7.7 in
IZITAA	(300 mm)	(195 mm)
1265AA	12 in	7.7 in
1266AA	(300 mm)	(196 mm)
1565AA	15 in	10.4 in
1566AA	(375 mm)	(263 mm)
1865AA	18 in	10.7 in
1866AA	(450 mm)	(272 mm)
2465AA	24 in	12.6 in
2466AA	(600 mm)	(320 mm)
3065AA	30 in	16.5 in
3066AA	(750 mm)	(419 mm)
3661AA	36 in	21.0 in
3662AA	(900 mm)	(533 mm)
4265AA**	42 in	20.8 in
4266AA**	(1050 mm)	(527 mm)
4865AA**	48 in	21.0 in
4866AA**	(1200 mm)	(533 mm)
6065AA**	60 in	24.0 in
6066AA**	(1500 mm)	(610 mm)

#### NOTES:

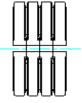
PARTS ENDING WITH "65" OR "61" DO NOT HAVE A GASKET. PARTS ENDING WITH "66" OR "62" ARE THE PREMIUM COUPLING SUPPLIED WITH A GASKET.

- \* PART 1211-11 FOR TWO STAGE SINGLE WALL PIPE ONLY
- \*\* REPRESENTS A TWO-PIECE COUPING SUPPLIED WITH SIX CABLES





WRAP COUPLING AROUND PIPE ENDS, INSTALL THREE PLASTIC LOCKING CABLES (PART NUMBER 1260-MC) THROUGH HOLES PROMOED IN COUPLING AND TIGHTEN SECURELY AROUND PIPE \*\*



NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY
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DRAWING #:	2000A	
DRAWN BY:	JCB	09.05.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	4/21/2016
		·

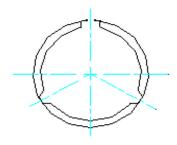
## "H" PROFILE ST SPLIT COUPLER 10" - 60" DIAMETER

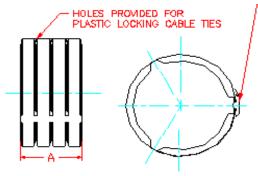
	1	
PART #	PIPE SIZE	А
404444	10 in	5.0 in
1011AA	(250 mm)	(128 mm)
404400*	12 in	7.7 in
1211AA*	(300 mm)	(195 mm)
1265AA	12 in	7.7 in
1266AA	(300 mm)	(196 mm)
1565AA	15 in	10.4 in
1566AA	(375 mm)	(263 mm)
1865AA	18 in	10.7 in
1866AA	(450 mm)	(272 mm)
2465AA	24 in	12.6 in
2466AA	(600 mm)	(320 mm)
3065AA	30 in	16.5 in
3066AA	(750 mm)	(419 mm)
3661AAH	36 in	19.1 in
300 TAATT	(900 mm)	(485 mm)
N/A	42 in	23.9 in
IN/A	(1050 mm)	(607 mm)
4865AAH	48 in	23.9 in
+0007771	(1200 mm)	(608 mm)
N/A	60 in	32.0 in
111/77	(1500 mm)	(813 mm)

NOTE:

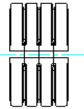
TOP #: COUPLER ONLY

BOTTOM #: COUPLER WITH GASKET





-WRAP COUPLING AROUND PIPE ENDS, INSTALL THREE PLASTIC LOCKING CABLES (PART NUMBER 1260-MC) THROUGH HOLES PROMDED IN COUPLING AND TIGHTEN SECURELY AROUND PIPE \*\*



NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	2000B	
DRAWN BY:		09.05.06
APPROVED BY:	JCB	07.09.07
REVISIONS:	JCB	07.09.07

## SPLIT COUPLER REFERENCE CHART 36" - 60" DIAMETER

PART #	PIPE SIZE	PROFLE CONNECTION
3661AA		A - A
3661AAH	36 in	H - H
3661AAH		A - H
4265AA		A - A
MAR-MAC	42 in	H - H
MAR-MAC		A - H
4865AA		A - A
4865AAH	48 in	H - H
4865ANAH		A - H
6065AA		A - A
MAR-MAC	60 in	H - H
MAR-MAC		A - H

<sup>\*</sup> WRAP WITH GEOTEXTILE FOR PROPER CONNECTION

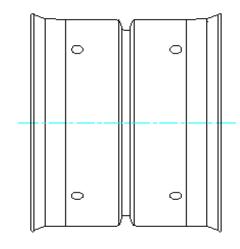


DRAWING #:	2000C	
DRAWN BY:	JCB	09.05.06
APPROVED BY:	JCB	7.09.07
REVISIONS:	JCB	07.09.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## EXTERNAL SNAP COUPLING 4" - 24" DIAMETER

PART#	PIPE SIZE
0412AA	4 in (100 mm)
0613AA	6 in (150 mm)
0813AA	8 in (200 mm)
1013AA	<b>10 in</b> (250 mm)
1214AA	12 in (300 mm)
1514AA	<b>15 in</b> (375 mm)
1814AA	<b>18 in</b> (450 mm)
2414AA	24 in (600 mm)

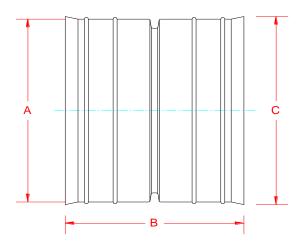




DRAWING #:	2005	
DRAWN BY:		09.06.06
APPROVED BY:	JCB	07.09.07
REVISIONS:	JCB	07.09.07

## BELL-BELL COUPLERS 12" - 60" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
1215AA	12 in (300 mm)	14.6 in (371 mm)	14.0 in (356 mm)	15.4 in (391 mm)	ST/WT
1515AA	15 in	17.8 in	16.0 in	18.6 in	ST/WT
1815AA	(375 mm) 18 in	(451 mm) 21.4 in	(406 mm) 18.0 in	(472 mm) 22.4 in	ST/WT
2415AA	(450 mm) 24 in	(544 mm) 28.2 in	(457 mm) 14.8 in	(569 mm) 29.3 in	ST/WT
3013AN65	(600 mm) 30 in	(716 mm) 36.0 in	(376 mm) 22.6 in	(743 mm) 38.5 in	ST/WT
3613AN65	(750 mm) 36 in	(914 mm) 42.5 in	(574 mm) 22.6 in	(978 mm) 45.1 in	ST/WT
4213AN85	(900 mm) 42 in	(1080 mm) 48.9 in	(574 mm) 18.0 in	(1145 mm) 50.4 in	ST
	(1050 mm) 42 in	(1241 mm) 48.9 in	(457 mm) 18.0 in	(1280 mm) 50.4 in	
4213AN65	(1050 mm)	(1242 mm)	(457 mm)	(1280 mm)	WT
4813AN85	48 in (1200 mm)	54.9 in (1393 mm)	18.0 in (457 mm)	57.5 in (1461 mm)	ST
4813AN65	<b>48 in</b> (1200 mm)	54.9 in (1394 mm)	18.0 in (457 mm)	57.5 in (1461 mm)	WT
6013AN85	<b>60 in</b> (1500 mm)	67.3 in (1708 mm)	19.1 in (486 mm)	<b>70.1 in</b> (1780 mm)	ST
6013AN65	<b>60 in</b> (1500 mm)	67.3 in (1708 mm)	19.1 in (486 mm)	<b>70.1 in</b> (1780 mm)	WT



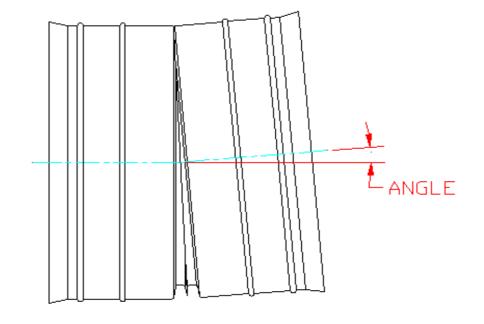
\* REQUIRES GASKET TO PROVIDE SPECIFIED JOINT PEROFRMANCE



DRAWING #:	2030	
DRAWN BY:	JCB	10.30.06
APPROVED BY:		
REVISIONS:	TJR	4/21/2016

## WT MITERED BELL-BELL COUPLERS 12" - 60" DIAMETER

PART#	PIPE SIZE	ANGLE
1213ANMC03	12 in (300 mm)	3 DEG.
1213ANMC05	12 in (300 mm)	5 DEG.
1513ANMC03	<b>15 in</b> (375 mm)	3 DEG.
1513ANMC05	<b>15 in</b> (375 mm)	5 DEG.
1813ANMC03	18 in (450 mm)	3 DEG.
1813ANMC05	18 in (450 mm)	5 DEG.
2413ANMC03	24 in (600 mm)	3 DEG.
2413ANMC05	24 in (600 mm)	5 DEG.
3013ANMC03	<b>30 in</b> (750 mm)	3 DEG.
3013ANMC05	<b>30 in</b> (750 mm)	5 DEG.
3613ANMC03	<b>36 in</b> (900 mm)	3 DEG.
3613ANMC05	<b>36 in</b> (900 mm)	5 DEG.
4213ANMC03	<b>42 in</b> (1050 mm)	3 DEG.
4213ANMC05	<b>42 in</b> (1050 mm)	5 DEG.
4813ANMC03	48 in (1200 mm)	3 DEG.
4813ANMC05	48 in (1200 mm)	5 DEG.
6013ANMC03	<b>60 in</b> (1500 mm)	3 DEG.
6013ANMC05	<b>60 in</b> (1500 mm)	5 DEG.



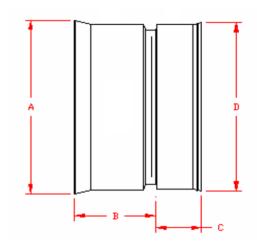
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	2035	
DRAWN BY:	JCB	09.05.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.13.07

# ADS BELL-BELL COUPLERS 36" - 60" DIAMETER

PART #	PIPE SIZE	А	В	С	D	JOINT
3613AN00AH	36 in	45.1 in	15.3 in	11.3 in	45.1 in	ST/WT
	(900 mm)	(1146 mm)	(389 mm)	(287 mm)	(1145 mm)	
4213AN85AH	42 in	51.4 in	15.3 in	11.0 in	51.4 in	ST
4213AN63AH	(1050 mm)	(1306 mm)	(389 mm)	(279 mm)	(1306 mm)	01
4213AN65AH	42 in	51.4 in	15.3 in	11.0 in	51.4 in	WT
42 13AN03A11	(1050 mm)	(1306 mm)	(389 mm)	(279 mm)	(1306 mm)	VVI
4813AN85AH	48 in	57.5 in	15.7 in	11.4 in	57.5 in	ST
10 10/11100/111	(1200 mm)	(1461 mm)	(398 mm)	(289 mm)	(1461 mm)	5
	(1200 mm) 48 in	(1461 mm) 57.5 in	(398 mm) 15.7 in	(289 mm) 11.4 in	(1461 mm) 57.5 in	
4813AN65AH	`		` ′	`	`	WT
4813AN65AH	48 in	57.5 in	15.7 in	11.4 in	57.5 in	WT
	48 in (1200 mm)	57.5 in (1461 mm)	15.7 in (398 mm)	11.4 in (289 mm)	57.5 in (1461 mm)	
4813AN65AH	48 in (1200 mm) 60 in	57.5 in (1461 mm) 70.1 in	15.7 in (398 mm) 19.4 in	11.4 in (289 mm) 11.4 in	57.5 in (1461 mm) 70.1 in	WT



ST & WT (INCLUDES CORRESPONDING GASKETS)

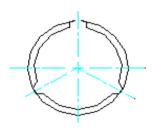
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

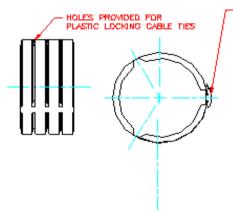


DRAWING #:	2040	
DRAWN BY:	NJP	07.21.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.13.07

## ADS HYBRID SPLIT COUPLER 48" DIAMETER

PART #	PIPE SIZE		
2465ANH	24 in (600 mm)		
4865ANH	<b>48 in</b> (1200 mm)		





-WRAP COUPLING AROUND PIPE ENDS, INSTALL THREE PLASTIC LOCKING CABLES (PART NUMBER 1280-MC) THROUGH HOLES PROVIDED IN COUPLING AND TIGHTEN SECURELY AROUND PIPE \*\*

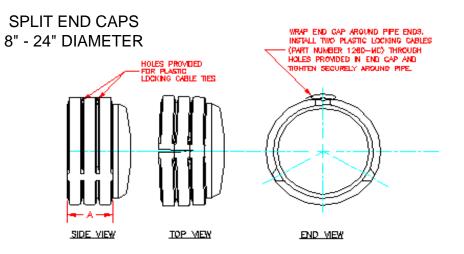


NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



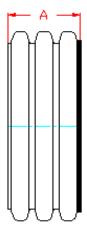
DRAWING #:	2045	
DRAWN BY:	NJP	07.21.06
APPROVED BY:	JCB	07.09.07
REVISIONS:	JCB	07.09.07

PART #	PIPE SIZE	А
1267AA	<b>12 in</b> (300 mm)	5.8 in (146 mm)
1567AA	<b>15 in</b> (375 mm)	7.8 in (197 mm)
1867AA	<b>18 in</b> (450 mm)	8.0 in (204 mm)
2467AA	24 in (600 mm)	9.5 in (240 mm)



END CAPS 12" - 60" DIAMETER

PART #	PIPE SIZE	А
1201AN	12 in (300 mm)	11.5 in (293 mm)
1501AN	15 in (375 mm)	13.0 in (329 mm)
1801AN	18 in (450 mm)	13.4 in (340 mm)
2101AN	21 in (525 mm)	12.0 in (305 mm)
2401AN	24 in (600 mm)	12.6 in (320 mm)
3001AN	<b>30 in</b> (750 mm)	12.4 in (314 mm)
3601AN	<b>36 in</b> (900 mm)	15.5 in (394 mm)
4201AN	<b>42 in</b> (1050 mm)	15.6 in (395 mm)
4801AN	<b>48 in</b> (1200 mm)	15.8 in (400 mm)
6001AN	<b>60 in</b> (1500 mm)	18.0 in (457 mm)





DRAWING #:	2100	
DRAWN BY:	JCB	09.05.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	4/20/2016

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY
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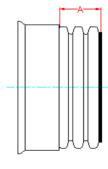
## WT END CAPS 12" - 60" DIAMETER

PART #	PIPE SIZE	А
1201AN65B	<b>12 in</b> (300 mm)	6.5 in (5 mm)
1501AN65B	<b>15 in</b> (375 mm)	7.8 in (197 mm)
1801AN65B	<b>18 in</b> (450 mm)	8.9 in (7 mm)
2101AN65B	<b>21 in</b> (525 mm)	10.9 in (7 mm)
2401AN65B	24 in (600 mm)	7.5 in (191 mm)
3001AN65B	<b>30 in</b> (750 mm)	11.8 in (298 mm)



12"-30" GASKET INCLUDED

PART #	PIPE SIZE	А
3601AN65B	<b>36 in</b> (900 mm)	15.5 in (394 mm)
4201AN65B	<b>42 in</b> (1050 mm)	15.6 in (12 mm)
4801AN65B	<b>48 in</b> (1200 mm)	15.8 in (401 mm)
6001AN65B	<b>60 in</b> (1500 mm)	18.0 in (457 mm)



36"-60" GASKET INCLUDED

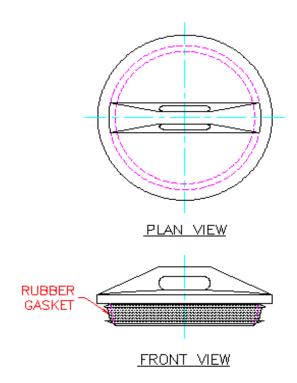


DRAWING #:	2105	
DRAWN BY:	NJP	07.30.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	4/20/2016

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## END PLUGS 4" - 60" DIAMETER

PART #	PIPE SIZE		
0833AA	8 in (200 mm)		
1033AA	10 in (250 mm)		
1233AA	<b>12 in</b> (300 mm)		
1533AA	<b>15 in</b> (375 mm)		
1833AA	18 in (450 mm)		
2433AA	24 in (600 mm)		
3033AA	<b>30 in</b> (750 mm)		
3633AA	<b>36 in</b> (900 mm)		
4233AA	<b>42 in</b> (1050 mm)		
4833AA	<b>48 in</b> (1200 mm)		
6033AA	<b>60 in</b> (1500 mm)		



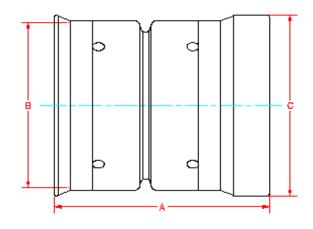




DRAWING #:	2110	
DRAWN BY:	JCB	09.05.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	3/12/2015
		·

## DUAL WALL SNAP END CAP 4" - 10" DIAMETER

PART#	PIPE SIZE	А	В	С
0667AA	6 in	8.6 in	7.0 in	7.6 in
	(150 mm)	(218 mm)	(177 mm)	(194 mm)
0867AA	8 in	9.6 in	9.2 in	10.1 in
	(200 mm)	(245 mm)	(233 mm)	(257 mm)
1067AA	<b>10 in</b> (250 mm)	10.8 in (273 mm)	11.6 in (294 mm)	12.1 in (308 mm)





DRAWING #:	2115	
DRAWN BY:	JCB	09.05.06
APPROVED BY:	JCB	07.09.07
REVISIONS:	JCB	07.09.07

#### DUAL WALL FABRICATED 11.25° BENDS 4" - 24" DIAMETER

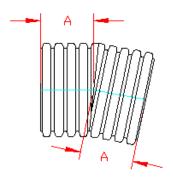
	PART#	PIPE SIZE	Α	JOINT
**	0491AN	<b>4 in</b> (100 mm)	4.2 in (107 mm)	*
**	0691AN	6 in (150 mm)	5.0 in (127 mm)	*
**	0891AN	8 in (200 mm)	6.7 in (170 mm)	*
**	1091AN	10 in (250 mm)	7.5 in (191 mm)	*
	1291AN	12 in (300 mm)	7.9 in (202 mm)	*
	1291AN85B	12 in (300 mm)	4.3 in (108 mm)	ST
	1291AN65B	12 in (300 mm)	4.3 in (108 mm)	WT
	1591AN	<b>15 in</b> (375 mm)	11.0 in (280 mm)	*
İ	1591AN85B	15 in (375 mm)	6.0 in (152 mm)	ST
İ	1591AN65B	15 in (375 mm)	6.0 in (152 mm)	WT
	1891AN	18 in (450 mm)	10.9 in (276 mm)	*
	1891AN85B	18 in (450 mm)	5.8 in (148 mm)	ST
İ	1891AN65B	18 in (450 mm)	5.8 in (148 mm)	WT
ľ	2491AN	24 in (600 mm)	14.2 in (360 mm)	*
Ì	2491AN85B	24 in (600 mm)	7.9 in (202 mm)	ST
	2491AN65B	24 in (600 mm)	7.9 in (202 mm)	WT

<sup>\* =</sup> PLAIN END

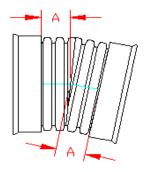
ST = SOIL TIGHT

WT = WATER TIGHT

\*\* LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS







ST & WT (INCLUDES 2 GASKETS)

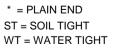


	DRAWING #:	2200	
	DRAWN BY:	JCB	04.06.06
	APPROVED BY:	JCB	06.25.07
	REVISIONS:	TJR	4/21/2016
stems, Inc.			
sterrio, iric.			

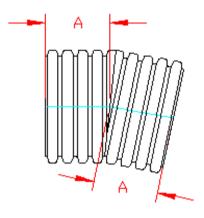
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED 11.25° BENDS 30" - 60" DIAMETER

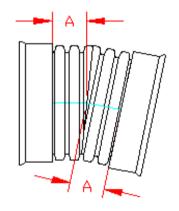
PART #	PIPE SIZE	А	JOINT
3091AN	<b>30 in</b> (750 mm)	17.9 in (455 mm)	*
3091AN	<b>30 in</b> (750 mm)	9.7 in (246 mm)	ST
3091AN	<b>30 in</b> (750 mm)	9.7 in (246 mm)	WT
3691AN	<b>36 in</b> (900 mm)	22.3 in (567 mm)	*
3691AN85B	36 in (900 mm)	12.0 in (306 mm)	ST
3691AN65B	<b>36 in</b> (900 mm)	12.0 in (306 mm)	WT
4291AN	<b>42 in</b> (1050 mm)	17.6 in (448 mm)	*
4291AN85B	42 in (1050 mm)	12.4 in (316 mm)	ST
4291AN65B	42 in (1050 mm)	12.4 in (316 mm)	WT
4891AN	48 in (1200 mm)	18.1 in (461 mm)	*
4891AN85B	48 in (1200 mm)	12.9 in (328 mm)	ST
4891AN65B	48 in (1200 mm)	12.9 in (328 mm)	WT
6091AN	60 in (1500 mm)	21.1 in (536 mm)	*
6091AN85B	60 in (1500 mm)	15.1 in (383 mm)	ST
6091AN65B	60 in (1500 mm)	15.1 in (383 mm)	WT



NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



PLAIN END



ST & WT (INCLUDES 2 GASKETS)



DRAWING #:	2200A	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	2/2/2010

#### DUAL WALL FABRICATED 22.5° BENDS 4" - 30" DIAMETER

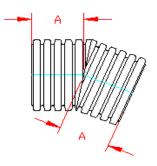
	PART#	PIPE SIZE	А	JOINT
**	0492AN	<b>4 in</b> (100 mm)	4.5 in (114 mm)	*
**	0692AN	6 in (150 mm)	5.4 in (137 mm)	*
**	0892AN	8 in (200 mm)	7.6 in (194 mm)	*
**	1092AN	10 in (250 mm)	7.8 in (197 mm)	*
	1292AN	12 in (300 mm)	9.6 in (244 mm)	*
	1292AN85B	12 in (300 mm)	5.8 in (146 mm)	ST
	1292AN65B	12 in (300 mm)	5.8 in (146 mm)	WT
	1592AN	<b>15 in</b> (375 mm)	13.1 in (334 mm)	*
	1592AN85B	<b>15 in</b> (375 mm)	5.4 in (137 mm)	ST
	1592AN65B	<b>15 in</b> (375 mm)	5.4 in (137 mm)	WT
	1892AN	<b>18 in</b> (450 mm)	14.3 in (363 mm)	*
	1892AN85B	<b>18 in</b> (450 mm)	6.9 in (174 mm)	ST
	1892AN65B	<b>18 in</b> (450 mm)	6.9 in (174 mm)	WT
	2492AN	24 in (600 mm)	18.9 in (480 mm)	*
	2492AN85B	24 in (600 mm)	9.5 in (240 mm)	ST
	2492AN65B	24 in (600 mm)	9.5 in (240 mm)	WT

<sup>\* =</sup> PLAIN END

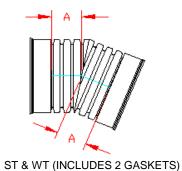
ST = SOIL TIGHT

WT = WATER TIGHT

\*\* LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS



PLAIN END





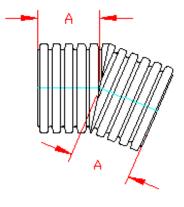
DRAWING #:	2205	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	4/26/2016

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

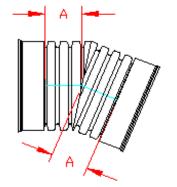
#### DUAL WALL FABRICATED 22.5° BENDS 30" - 60" DIAMETER

PART #	PIPE SIZE	А	JOINT
3092AN	<b>30 in</b> (750 mm)	17.9 in (455 mm)	*
3092AN85B	30 in (750 mm)	9.7 in (245 mm)	ST
3092AN65B	<b>30 in</b> (750 mm)	9.7 in (245 mm)	WT
3692AN	<b>36 in</b> (900 mm)	21.5 in (546 mm)	*
3692AN85B	<b>36 in</b> (900 mm)	11.2 in (285 mm)	ST
3692AN65B	<b>36 in</b> (900 mm)	11.2 in (285 mm)	WT
4292AN	<b>42 in</b> (1050 mm)	24.9 in (632 mm)	*
4292AN85B	<b>42 in</b> (1050 mm)	14.5 in (369 mm)	ST
4292AN65B	<b>42 in</b> (1050 mm)	14.5 in (369 mm)	WT
4892AN	<b>48 in</b> (1200 mm)	23.8 in (605 mm)	*
4892AN85B	<b>48 in</b> (1200 mm)	13.9 in (353 mm)	ST
4892AN65B	48 in (1200 mm)	13.9 in (353 mm)	WT
6092AN	<b>60 in</b> (1500 mm)	33.2 in (844 mm)	*
6092AN85B	<b>60 in</b> (1500 mm)	15.2 in (387 mm)	ST
6092AN65B	<b>60 in</b> (1500 mm)	15.2 in (387 mm)	WT

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)



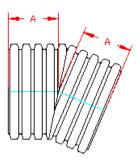
DRAWING #:	2205A	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	1/29/2010

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

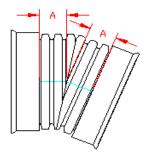
#### DUAL WALL FABRICATED 30° BENDS 4" - 24" DIAMETER

	PART#	PIPE SIZE	А	JOINT
**	0495AN	<b>4 in</b> (100 mm)	4.6 in (116 mm)	*
**	0695AN	<b>6 in</b> (150 mm)	5.5 in (139 mm)	*
**	0895AN	8 in (200 mm)	7.4 in (189 mm)	*
**	1095AN	<b>10 in</b> (250 mm)	8.4 in (214 mm)	*
	1295AN	12 in (300 mm)	9.7 in (245 mm)	*
	1295AN85B	<b>12 in</b> (300 mm)	5.8 in (146 mm)	ST
	1295AN65B	12 in (300 mm)	5.8 in (146 mm)	WT
	1595AN	<b>15 in</b> (375 mm)	12.4 in (315 mm)	*
	1595AN85B	<b>15 in</b> (375 mm)	7.8 in (197 mm)	ST
	1595AN65B	<b>15 in</b> (375 mm)	7.8 in (197 mm)	WT
	1895AN	<b>18 in</b> (450 mm)	12.4 in (316 mm)	*
	1895AN85B	<b>18 in</b> (450 mm)	6.7 in (170 mm)	ST
	1895AN65B	<b>18 in</b> (450 mm)	6.7 in (170 mm)	WT
	2495AN	<b>24 in</b> (600 mm)	15.9 in (404 mm)	*
	2495AN85B	<b>24 in</b> (600 mm)	9.5 in (240 mm)	ST
	2495AN65B	<b>24 in</b> (600 mm)	9.5 in (240 mm)	WT

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)



DRAWING #:	2210	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	4/26/2016

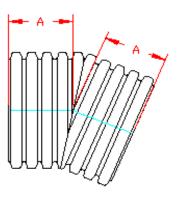
<sup>\*\*</sup> LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS

#### DUAL WALL FABRICATED 30° BENDS 30" - 60" DIAMETER

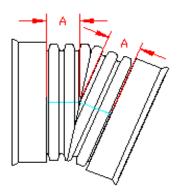
PART#	PIPE SIZE	А	JOINT
3095AN	<b>30 in</b> (750 mm)	20.6 in (523 mm)	*
3095AN85B	30 in (750 mm)	13.5 in (342 mm)	ST
3095AN65B	30 in (750 mm)	13.5 in (342 mm)	WT
3695AN	36 in (900 mm)	25.9 in (658 mm)	*
3695AN85B	36 in (900 mm)	15.4 in (392 mm)	ST
3695AN65B	36 in (900 mm)	15.4 in (392 mm)	WT
4295AN	<b>42 in</b> (1050 mm)	22.3 in (567 mm)	*
4295AN85B	<b>42 in</b> (1050 mm)	<b>17.1 in</b> (435 mm)	ST
4295AN65B	<b>42 in</b> (1050 mm)	<b>17.1 in</b> (435 mm)	WT
4895AN	<b>48 in</b> (1200 mm)	22.7 in (576 mm)	*
4895AN85B	48 in (1200 mm)	17.4 in (442 mm)	ST
4895AN65B	48 in (1200 mm)	17.4 in (442 mm)	WT
6095AN	<b>60 in</b> (1500 mm)	26.0 in (661 mm)	*
6095AN85B	<b>60 in</b> (1500 mm)	20.0 in (508 mm)	ST
6095AN65B	<b>60 in</b> (1500 mm)	20.0 in (508 mm)	WT

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



PLAIN END



ST & WT (INCLUDES 2 GASKETS)

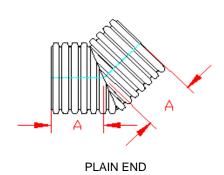


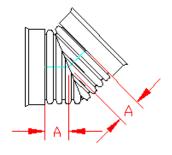
DRAWING #:	2210A	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	1/29/2010

#### DUAL WALL FABRICATED 45° BENDS 4" - 30" DIAMETER

	PART#	PIPE SIZE	А	JOINT
**	0494AN	4 in (100 mm)	4.2 in (107 mm)	*
**	0694AN	6 in (150 mm)	5.0 in (126 mm)	*
**	0894AN	8 in (200 mm)	6.7 in (170 mm)	*
**	1094AN	<b>10 in</b> (250 mm)	7.5 in (189 mm)	WT
	1297AN	12 in (300 mm)	11.5 in (293 mm)	*
	1297AN65BB	12 in (300 mm)	5.8 in (146 mm)	WT
	1597AN	<b>15 in</b> (375 mm)	13.0 in (329 mm)	*
	1597AN65BB	<b>15 in</b> (375 mm)	7.8 in (197 mm)	WT
	1897AN	<b>18 in</b> (450 mm)	17.4 in (443 mm)	*
	1897AN65BB	<b>18 in</b> (450 mm)	6.7 in (170 mm)	WT
	2497AN	24 in (600 mm)	22.1 in (560 mm)	*
	2497AN65BB	24 in (600 mm)	9.5 in (240 mm)	WT
	3097AN	<b>30 in</b> (750 mm)	25.8 in (656 mm)	*
	3097AN65BB	<b>30 in</b> (750 mm)	13.5 in (342 mm)	WT

<sup>\* =</sup> PLAIN END WT = WATER TIGHT





ST & WT (INCLUDES 2 GASKETS)



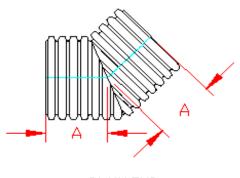
DRAWING #:	2212	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	4/26/2016

<sup>\*\*</sup> LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS

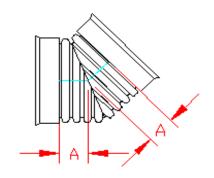
#### DUAL WALL FABRICATED 45° BENDS 36" - 60" DIAMETER

PART #	PIPE SIZE	А	JOINT
3697AN	<b>36 in</b> (900 mm)	29.3 in (745 mm)	*
3697AN65BB	36 in (900 mm)	13.6 in (345 mm)	WT
4297AN	<b>42 in</b> (1050 mm)	31.1 in (791 mm)	*
4297AN65BB	<b>42 in</b> (1050 mm)	19.2 in (487 mm)	WT
4897AN	<b>48 in</b> (1200 mm)	30.2 in (767 mm)	*
4897AN65BB	<b>48 in</b> (1200 mm)	19.7 in (500 mm)	WT
6097AN	<b>60 in</b> (1500 mm)	42.0 in (1067 mm)	*
6097AN65BB	<b>60 in</b> (1500 mm)	24.0 in (610 mm)	WT

<sup>\* =</sup> PLAIN END WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)

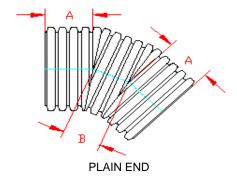


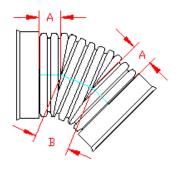
DRAWING #:	2212A	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	1/29/2010

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### DUAL WALL FABRICATED MITERED 45° BENDS 12" - 30" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
1294AN	12 in (300 mm)	9.6 in (244 mm)	7.7 in (195 mm)	*
1294AN85B	12 in (300 mm)	5.8 in (146 mm)	7.7 in (195 mm)	ST
1294AN65B	12 in (300 mm)	5.8 in (146 mm)	7.7 in (195 mm)	WT
1594AN	15 in (375 mm)	13.1 in (334 mm)	8.5 in (216 mm)	*
1594AN85B	15 in (375 mm)	5.4 in (137 mm)	8.5 in (216 mm)	ST
1594AN65B	15 in (375 mm)	5.4 in (137 mm)	8.5 in (216 mm)	WT
1894AN	18 in (450 mm)	14.3 in (363 mm)	8.6 in (219 mm)	*
1894AN85B	18 in (450 mm)	6.9 in (174 mm)	8.6 in (219 mm)	ST
1894AN65B	18 in (450 mm)	6.9 in (174 mm)	8.6 in (219 mm)	WT
2494AN	24 in (600 mm)	18.9 in (480 mm)	12.6 in (320 mm)	*
2494AN85B	24 in (600 mm)	9.5 in (240 mm)	12.6 in (320 mm)	ST
2494AN65B	24 in (600 mm)	9.5 in (240 mm)	12.6 in (320 mm)	WT
3094AN	<b>30 in</b> (750 mm)	17.9 in (455 mm)	15.2 in (386 mm)	*
3094AN85B	<b>30 in</b> (750 mm)	9.7 in (245 mm)	15.2 in (386 mm)	ST
3094AN65B	<b>30 in</b> (750 mm)	9.7 in (245 mm)	15.2 in (386 mm)	WT





ST & WT (INCLUDES 2 GASKETS)

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT

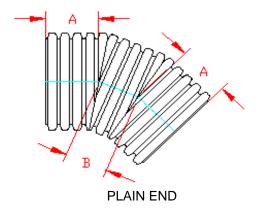


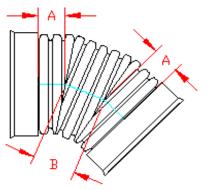
DRAWING #:	2215	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	4/26/2016

# DUAL WALL FABRICATED MITERED 45° BENDS 36" - 60" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
3694AN	<b>36 in</b> (900 mm)	21.5 in (546 mm)	17.3 in (439 mm)	*
3694AN85B	<b>36 in</b> (900 mm)	11.2 in (285 mm)	17.3 in (439 mm)	ST
3694AN65B	<b>36 in</b> (900 mm)	11.2 in (285 mm)	17.3 in (439 mm)	WT
4294AN	<b>42 in</b> (1050 mm)	24.9 in (632 mm)	18.7 in (474 mm)	*
4294AN85B	<b>42 in</b> (1050 mm)	14.5 in (369 mm)	18.7 in (474 mm)	ST
4294AN65B	<b>42 in</b> (1050 mm)	14.5 in (369 mm)	18.7 in (474 mm)	WT
4894AN	<b>48 in</b> (1200 mm)	24.4 in (620 mm)	22.6 in (574 mm)	*
4894AN85B	48 in (1200 mm)	13.9 in (353 mm)	22.6 in (574 mm)	ST
4894AN65B	<b>48 in</b> (1200 mm)	13.9 in (353 mm)	22.6 in (574 mm)	WT
6094AN	<b>60 in</b> (1500 mm)	33.2 in (844 mm)	24.5 in (622 mm)	*
6094AN85B	<b>60 in</b> (1500 mm)	15.2 in (387 mm)	24.5 in (622 mm)	ST
6094AN65B	<b>60 in</b> (1500 mm)	15.2 in (387 mm)	24.5 in (622 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





ST & WT (INCLUDES 2 GASKETS)



DRAWING #:	2215A	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

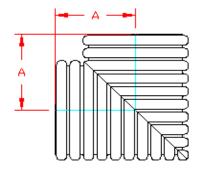
#### SMALL DIAMETER DUAL WALL FABRICATED BENDS 4" - 10" DIAMETER

#### 90° BENDS

	PART#	PIPE SIZE	А	JOINT
**	0499AN	4 in (100 mm)	4.5 in (114 mm)	*
**	0699AN	6 in (150 mm)	5.4 in (137 mm)	*
**	0899AN	8 in (200 mm)	7.6 in (194 mm)	*
**	1099AN	<b>10 in</b> (250 mm)	7.8 in (197 mm)	*



<sup>\*\*</sup> LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS



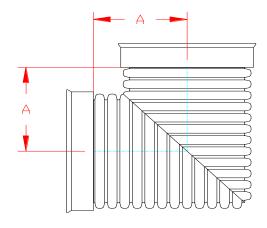


DRAWING #:	2217	
DRAWN BY:	JCB	05.09.07
APPROVED BY:	JCB	06.29.07
REVISIONS:	TJR	2/10/2010

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### DUAL WALL FABRICATED "WATER TIGHT" "BELL-BELL" 90° BENDS 12" - 60" DIAMETER

PART#	PIPE SIZE	А
1298AN65B	12 in (300 mm)	10.8 in (273 mm)
1598AN65B	<b>15 in</b> (375 mm)	11.8 in (300 mm)
1898AN65B	<b>18 in</b> (450 mm)	14.7 in (373 mm)
2498AN65B	24 in (600 mm)	17.7 in (450 mm)
3098AN65B	<b>30 in</b> (750 mm)	22.4 in (570 mm)
3698AN65B	<b>36 in</b> (900 mm)	26.2 in (666 mm)
4298AN65B	<b>42 in</b> (1050 mm)	<b>36.0 in</b> (914 mm)
4898AN65B	<b>48 in</b> (1200 mm)	39.3 in (997 mm)
6098AN65B	<b>60 in</b> (1500 mm)	39.0 in (991 mm)



(INCLUDES 2 GASKETS)

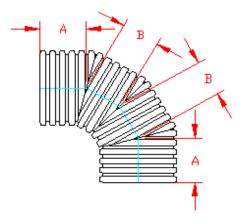


DRAWING #:	2218	
DRAWN BY:	TJR	11.14.13
APPROVED BY:	CKM	11.14.13
REVISIONS:	TJR	4/26/2016

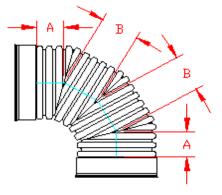
#### DUAL WALL FABRICATED MITERED 90° BENDS 12" - 18" DIAMETER

PART#	PIPE SIZE	А	В	JOINT
1299AN	12 in (300 mm)	9.4 in (239 mm)	7.8 in (198 mm)	*
1299AN85B	12 in (300 mm)	5.5 in (140 mm)	7.8 in (198 mm)	ST
1299AN65B	12 in (300 mm)	5.5 in (140 mm)	7.8 in (198 mm)	WT
1599AN	15 in (375 mm)	12.1 in (307 mm)	9.3 in (236 mm)	*
1599AN85B	<b>15 in</b> (375 mm)	6.9 in (175 mm)	9.3 in (236 mm)	ST
1599AN65B	<b>15 in</b> (375 mm)	6.9 in (175 mm)	9.3 in (236 mm)	WT
1899AN	18 in (450 mm)	12.2 in (310 mm)	10.0 in (254 mm)	*
1899AN85B	18 in (450 mm)	<b>7.1 in</b> (180 mm)	10.0 in (254 mm)	ST
1899AN65B	<b>18 in</b> (450 mm)	7.1 in (180 mm)	10.0 in (254 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)



DRAWING #:	2220	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.25.07
REVISIONS:	TJR	4/26/2016
_		

#### DUAL WALL FABRICATED STANDARD WYES 4" - 18" DIAMETER

	PART#	PIPE SIZE	А	В	С	JOINT
**	0480AN	4 in	15.1 in	9.8 in	9.8 in	*
	0 1007 114	(100 mm)	(383 mm)	(250 mm)	(250 mm)	
**	0681AN	6 in	19.4 in	13.2 in	13.2 in	*
	00017414	(150 mm)	(491 mm)	(334 mm)	(334 mm)	
**	0882AN	8 in	26.9 in	18.2 in	18.2 in	*
	0002AN	(200 mm)	(683 mm)	(463 mm)	(463 mm)	
**	1083AN	10 in	32.8 in	22.7 in	22.7 in	*
	TUOSAN	(250 mm)	(832 mm)	(576 mm)	(576 mm)	
	1284AN	12 in	38.4 in	25.8 in	25.8 in	*
	1204AN	(300 mm)	(975 mm)	(654 mm)	(654 mm)	
	1284AN85B	12 in	25.8 in	20.2 in	20.2 in	ST
	1204AN03D	(300 mm)	(654 mm)	(514 mm)	(514 mm)	51
	1284AN65B	12 in	25.8 in	20.2 in	20.2 in	WT
	1204/11000	(300 mm)	(654 mm)	(514 mm)	(514 mm)	V V I
	1585AN	15 in	45.5 in	35.4 in	30.3 in	*
	1000/414	(375 mm)	(1157 mm)	(899 mm)	(770 mm)	
	1585AN85B	15 in	33.0 in	25.3 in	25.4 in	ST
	1000/111002	(375 mm)	(839 mm)	(642 mm)	(645 mm)	
	1585AN65B	15 in	33.0 in	25.3 in	25.4 in	WT
	1000/111002	(375 mm)	(839 mm)	(642 mm)	(645 mm)	** 1
	1886AN	18 in	53.2 in	40.5 in	40.5 in	*
	1000/114	(450 mm)	(1350 mm)	(1028 mm)	(1028 mm)	
	1886AN85B	18 in	38.0 in	30.1 in	30.4 in	ST
	TOOOAINOOD	(450 mm)	(964 mm)	(765 mm)	(771 mm)	
	1886AN65B	18 in	38.0 in	30.1 in	30.4 in	WT
ı		(450 mm)	(964 mm)	(765 mm)	(771 mm)	

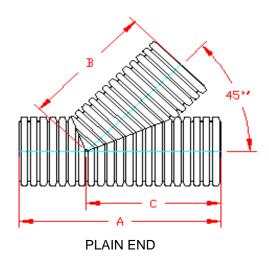


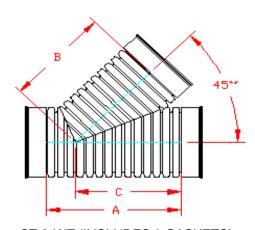
ST = SOIL TIGHT

WT = WATER TIGHT

\*\* LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS







ST & WT (INCLUDES 3 GASKETS)

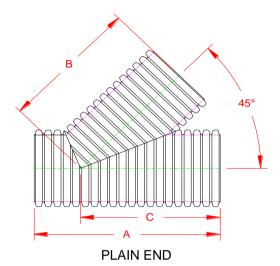


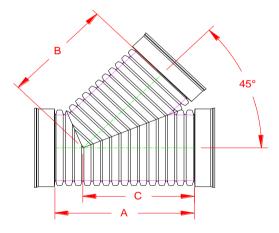
	DRAWING #:	2300	
	DRAWN BY:	NJP	07.30.06
	APPROVED BY:	JCB	06.26.07
	REVISIONS:	NJP	06.14.07
1			
ì			

# DUAL WALL FABRICATED STANDARD WYES 21" - 24" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
2187AN	21 in	57.0 in	42.0 in	42.0 in	*
	(525 mm)	(1448 mm)	(1067 mm)	(1067 mm)	
2187AN85B	21 in	47.0 in	35.5 in	35.5 in	ST
2107/AIN03D	(525 mm)	(1193 mm)	(901 mm)	(35 mm)	01
2187AN65B	21 in	47.0 in	35.5 in	35.5 in	WT
2107 ANO3D	(525 mm)	(1193 mm)	(901 mm)	(901 mm)	VVI
2487AN	24 in	63.6 in	47.7 in	47.7 in	*
2407 AIN	(600 mm)	(1615 mm)	(1212 mm)	(1212 mm)	
2487AN85B	24 in	47.7 in	38.2 in	38.2 in	ST
Z407 ANOOD	(600 mm)	(1212 mm)	(969 mm)	(969 mm)	01
2487AN65B	24 in	47.7 in	38.2 in	38.2 in	WT
2401 AN00D	(600 mm)	(1212 mm)	(969 mm)	(969 mm)	VVI

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





ST & WT (INCLUDES 3 GASKETS)

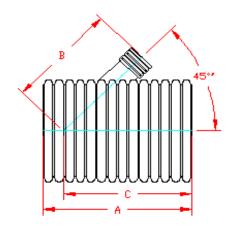


DRAWING #:	2300A	
DRAWN BY:	JCB	04.25.07
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	5/3/2016

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### DUAL WALL FABRICATED REDUCING WYES 6"x4" - 10"x 8" DIAMETER

	PART#	PIPE SIZE	А	В	С	JOINT
**	0680AN	6 x 4 in	16.3 in	16.0 in	11.6 in	*
	00007111	(150 x 100 mm)	(413 mm)	(405 mm)	(295 mm)	
**	0880AN	8 x 4 in	18.2 in	17.3 in	14.0 in	ST
	OOOOAN	(200 x 100 mm)	(463 mm)	(439 mm)	(356 mm)	5
**	0881AN	8 x 6 in	23.0 in	19.7 in	15.9 in	WT
	UUUTAN	(200 x 150 mm)	(585 mm)	(499 mm)	(405 mm)	V V I
**	1080AN	10 x 4 in	22.7 in	18.7 in	17.3 in	*
	TOOOAIN	(250 x 100 mm)	(576 mm)	(475 mm)	(439 mm)	
**	1081AN	10 x 6 in	23.9 in	21.1 in	17.5 in	ST
	IOOTAN	(250 x 150 mm)	(608 mm)	(535 mm)	(444 mm)	5
**	1082AN	10 x 8 in	27.7 in	23.4 in	19.5 in	WT
	IUOZAIN	(250 x 200 mm)	(704 mm)	(594 mm)	(496 mm)	VVI



PLAIN END

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT

\*\* LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS

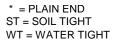
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

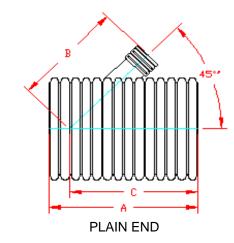


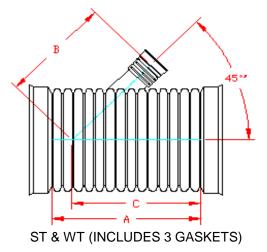
DRAWING #:	2305	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	2/2/2010

# DUAL WALL FABRICATED REDUCING WYES 12"x4" - 12"x10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
1280AN	12 x 4 in	28.5 in	19.7 in	23.0 in	*
	(300 x 100 mm)	(724 mm)	(500 mm)	(585 mm)	
1280AN85B	12 x 4 in	23.3 in	19.7 in	20.4 in	ST
	(300 x 100 mm)	(592 mm)	(500 mm)	(519 mm)	
1280AN65B	12 x 4 in	23.3 in	19.7 in	20.4 in	WT
1200/11000	(300 x 100 mm)	(592 mm)	(500 mm)	(519 mm)	V V I
1281AN	12 x 6 in	31.1 in	21.2 in	24.3 in	*
IZOTAN	(300 x 150 mm)	(789 mm)	(538 mm)	(618 mm)	
1281AN85B	12 x 6 in	25.9 in	21.2 in	21.7 in	ST
1201/10000	(300 x 150 mm)	(658 mm)	(538 mm)	(552 mm)	5
1281AN65B	12 x 6 in	25.9 in	21.2 in	21.7 in	WT
120 IANOOD	(300 x 150 mm)	(658 mm)	(538 mm)	(552 mm)	VVI
1282AN	12 x 8 in	33.7 in	22.6 in	25.6 in	*
IZOZAN	(300 x 200 mm)	(855 mm)	(574 mm)	(651 mm)	
1282AN85B	12 x 8 in	28.5 in	22.6 in	23.0 in	ST
DCONIASOSI	(300 x 200 mm)	(724 mm)	(574 mm)	(585 mm)	5
1282AN65B	12 x 8 in	28.5 in	22.6 in	23.0 in	WT
1202AN00D	(300 x 200 mm)	(724 mm)	(574 mm)	(585 mm)	VVI
1283AN	12 x 10 in	38.9 in	25.2 in	28.2 in	*
1203AN	(300 x 250 mm)	(987 mm)	(640 mm)	(717 mm)	
1283AN85B	12 x 10 in	33.7 in	25.2 in	25.6 in	ST
1203AINO3D	(300 x 250 mm)	(855 mm)	(640 mm)	(651 mm)	01
1283AN65B	12 x 10 in	33.7 in	25.2 in	25.6 in	WT
1203AIN03B	(300 x 250 mm)	(855 mm)	(640 mm)	(651 mm)	VVI







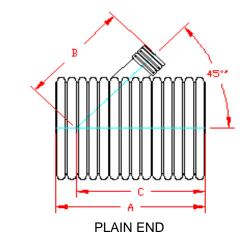


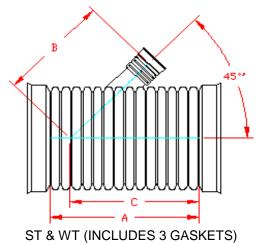
DRAWING #:	2310	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	05.30.08

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### DUAL WALL FABRICATED REDUCING WYES 15"x4" - 15"x12" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
1580AN	15 x 4 in	28.9 in	20.8 in	23.0 in	*
10007 111	(375 x 100 mm)	(734 mm)	(528 mm)	(585 mm)	
1580AN85B	15 x 4 in	23.6 in	20.8 in	20.4 in	ST
1000/111002	(375 x 100 mm)	(599 mm)	(528 mm)	(519 mm)	<u> </u>
1580AN65B	15 x 4 in	23.6 in	20.8 in	20.4 in	WT
1300/1103B	(375 x 100 mm)	(599 mm)	(528 mm)	(519 mm)	V V I
1581AN	15 x 6 in	31.5 in	22.4 in	24.3 in	*
1301711	(375 x 150 mm)	(800 mm)	(569 mm)	(618 mm)	
1581AN85B	15 x 6 in	26.3 in	22.4 in	21.7 in	ST
130 TAINO3D	(375 x 150 mm)	(668 mm)	(569 mm)	(552 mm)	5
1581AN65B	15 x 6 in	26.3 in	22.4 in	21.7 in	WT
1301AN03B	(375 x 150 mm)	(668 mm)	(569 mm)	(552 mm)	VVI
1582AN	15 x 8 in	34.2 in	24.5 in	25.6 in	*
ISOZAN	(375 x 200 mm)	(869 mm)	(622 mm)	(651 mm)	
1582AN85B	15 x 8 in	28.9 in	24.5 in	23.0 in	ST
1302/11030	(375 x 200 mm)	(734 mm)	(622 mm)	(585 mm)	5
1582AN65B	15 x 8 in	28.9 in	24.5 in	23.0 in	WT
1302/11030	(375 x 200 mm)	(734 mm)	(622 mm)	(585 mm)	V V I
1583AN	15 x 10 in	39.4 in	26.1 in	28.2 in	*
1303/11	(375 x 250 mm)	(1001 mm)	(663 mm)	(717 mm)	
1583AN85B	15 x 10 in	34.1 in	26.1 in	25.6 in	ST
IJOJANOJD	(375 x 250 mm)	(866 mm)	(663 mm)	(651 mm)	5
1583AN65B	15 x 10 in	34.1 in	26.1 in	25.6 in	WT
1303/1103/	(375 x 250 mm)	(866 mm)	(663 mm)	(651 mm)	VVI
1584AN	15 x 12 in	42.0 in	29.7 in	29.5 in	*
1304/11	(375 x 300 mm)	(1067 mm)	(754 mm)	(749 mm)	
1584AN85B	15 x 12 in	36.8 in	27.8 in	26.9 in	ST
1004ANOOD	(375 x 300 mm)	(935 mm)	(706 mm)	(684 mm)	31
1584AN65B	15 x 12 in	36.8 in	27.8 in	26.9 in	WT
IJUTANUJD	(375 x 300 mm)	(935 mm)	(706 mm)	(684 mm)	V V I





\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT

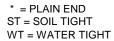
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

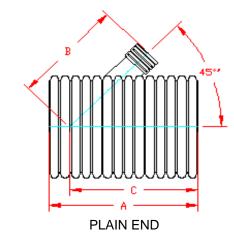


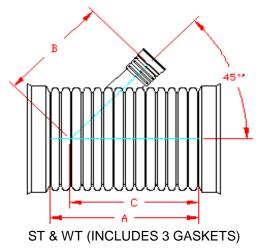
DRAWING #:	2315	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	05.30.08

# DUAL WALL FABRICATED REDUCING WYES 18"×4" - 18"×10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
1880AN	18 x 4 in (450 x 100 mm)	28.7 in (729 mm)	23.0 in (584 mm)	25.3 in (644 mm)	*
1880AN85B	18 x 4 in (450 x 100 mm)	24.1 in (613 mm)	23.0 in (584 mm)	22.7 in (576 mm)	ST
1880AN65B	18 x 4 in (450 x 100 mm)	24.1 in (613 mm)	23.0 in (584 mm)	22.7 in (576 mm)	WT
1881AN	18 x 6 in (450 x 150 mm)	31.3 in (796 mm)	25.1 in (638 mm)	26.7 in (678 mm)	*
1881AN85B	18 x 6 in (450 x 150 mm)	26.8 in (681 mm)	25.1 in (638 mm)	24.0 in (610 mm)	ST
1881AN65B	18 x 6 in (450 x 150 mm)	26.8 in (681 mm)	25.1 in (638 mm)	24.0 in (610 mm)	WT
1882AN	18 x 8 in (450 x 200 mm)	33.9 in (862 mm)	27.2 in (691 mm)	28.0 in (712 mm)	*
1882AN85B	18 x 8 in (450 x 200 mm)	28.7 in (729 mm)	27.2 in (691 mm)	25.3 in (644 mm)	ST
1882AN65B	18 x 8 in (450 x 200 mm)	28.7 in (729 mm)	27.2 in (691 mm)	25.3 in (644 mm)	WT
1883AN	18 x 10 in (450 x 250 mm)	36.6 in (928 mm)	28.7 in (729 mm)	29.4 in (746 mm)	*
1883AN85B	18 x 10 in (450 x 250 mm)	31.3 in (796 mm)	28.7 in (729 mm)	26.7 in (678 mm)	ST
1883AN65B	18 x 10 in (450 x 250 mm)	31.3 in (796 mm)	28.7 in (729 mm)	26.7 in (678 mm)	WT









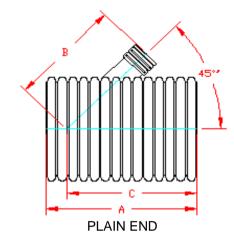
DRAWING #:	2320	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	05.30.08

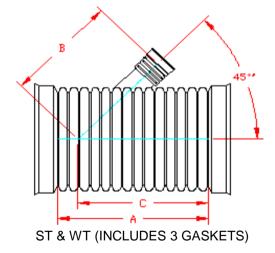
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### DUAL WALL FABRICATED REDUCING WYES 18"×12" - 18"×15" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
1884AN	18 x 12 in (450 x 300 mm)	41.8 in (1062 mm)	32.3 in (820 mm)	32.0 in (814 mm)	*
1884AN85B	18 x 12 in (450 x 300 mm)	36.5 in (927 mm)	30.4 in (771 mm)	29.4 in (746 mm)	ST
1884AN65B	18 x 12 in (450 x 300 mm)	36.5 in (927 mm)	30.3 in (771 mm)	29.4 in (746 mm)	WT
1885AN	18 x 15 in (450 x 375 mm)	<b>47.0 in</b> (1194 mm)	38.3 in (973 mm)	<b>34.7 in</b> (882 mm)	*
188AN85B	18 x 15 in (450 x 1375mm)	41.8 in (1062 mm)	<b>35.7 in</b> (907 mm)	32.0 in (814 mm)	ST
1885AN65B	18 x 15 in (450 x 375 mm)	41.8 in (1062 mm)	35.7 in (907 mm)	32.0 in (814 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







DRAWING #:		
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

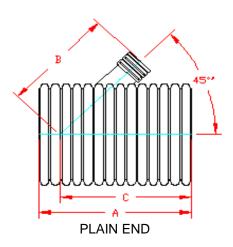
# DUAL WALL FABRICATED REDUCING WYES 24"x4" - 24"x18" DIAMETER

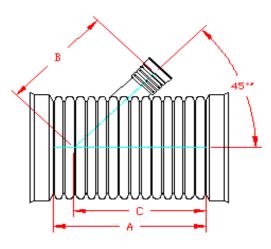
PART#	PIPE SIZE	А	В	С	JOINT
2480AN	24 x 4 in (600 x 100 mm)	<b>34.4 in</b> (874 mm)	27.7 in (704 mm)	<b>31.2 in</b> (793 mm)	*
2480AN85B	24 x 4 in (600 x 100 mm)	28.2 in (716 mm)	27.7 in (704 mm)	28.1 in (713 mm)	ST
2480AN65B	24 x 4 in (600 x 100 mm)	28.2 in (716 mm)	27.7 in (704 mm)	28.1 in (713 mm)	WT
2481AN	24 x 6 in (600 x 150 mm)	37.6 in (955 mm)	29.3 in (744 mm)	<b>32.8 in</b> (833 mm)	*
2481AN85B	24 x 6 in (600 x 150 mm)	31.3 in (795 mm)	29.3 in (744 mm)	29.7 in (753 mm)	ST
2481AN65B	24 x 6 in (600 x 150 mm)	31.3 in (795 mm)	29.3 in (744 mm)	<b>29.7 in</b> (753 mm)	WT
2482AN	24 x 8 in (600 x 200 mm)	<b>40.7 in</b> (1034 mm)	32.5 in (826 mm)	<b>34.4 in</b> (873 mm)	*
2482AN85B	24 x 8 in (600 x 200 mm)	<b>34.4 in</b> (874 mm)	32.5 in (826 mm)	<b>31.2 in</b> (793 mm)	ST
2482AN65B	24 x 8 in (600 x 200 mm)	34.4 in (874 mm)	32.5 in (826 mm)	31.2 in (793 mm)	WT
2483AN	24 x 10 in (600 x 250 mm)	46.9 in (1191 mm)	33.0 in (838 mm)	<b>36.0 in</b> (913 mm)	*
2483AN85B	24 x 10 in (600 x 250 mm)	36.6 in (930 mm)	33.0 in (838 mm)	32.8 in (833 mm)	ST
2483AN65B	24 x 10 in (600 x 250 mm)	36.6 in (930 mm)	33.0 in (838 mm)	32.8 in (833 mm)	WT
2484AN	24 x 12 in (600 x 300 mm)	46.9 in (1191 mm)	<b>36.9 in</b> (938 mm)	<b>37.5 in</b> (953 mm)	*
2484AN85B	24 x 12 in (600 x 300 mm)	<b>40.7 in</b> (1034 mm)	35.0 in (889 mm)	<b>34.4 in</b> (873 mm)	ST
2484AN65B	24 x 12 in (600 x 300 mm)	40.7 in (1034 mm)	35.0 in (889 mm)	34.4 in (873 mm)	WT
2485AN	24 x 15 in (600 x 375 mm)	<b>47.0 in</b> (1193 mm)	<b>42.5 in</b> (1080 mm)	<b>37.5 in</b> (953 mm)	*
2485AN85B	24 x 15 in (600 x 375 mm)	<b>40.7 in</b> (1034 mm)	<b>42.5 in</b> (1080 mm)	34.4 in (874 mm)	ST
2485AN65B	24 x 15 in (600 x 375 mm)	40.7 in (1033 mm)	52.5 in (1334 mm)	34.4 in (874 mm)	WT
2486AN	24 x 18 in (600 x 450 mm)	<b>53.2 in</b> (1352 mm)	44.6 in (1133 mm)	40.6 in (1032 mm)	*
2486AN85B	24 x 18 in (600 x 450 mm)	40.7 in (1034 mm)	44.6 in (1133 mm)	33.2 in (844 mm)	ST
2486AN65B	24 x 18 in (600 x 450 mm)	40.7 in (1034 mm)	44.6 in (1133 mm)	33.2 in (844 mm)	WT

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

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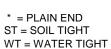
ST & WT (INCLUDES 3 GASKETS)

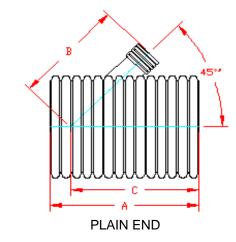


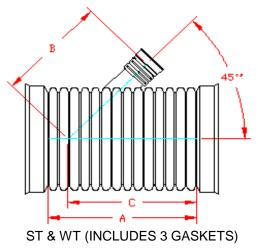
DRAWING #:	2325	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	2/8/2010

# DUAL WALL FABRICATED REDUCING WYES 30"×4" - 30"×10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
3080AN	30 x 4 in	41.2 in	32.9 in	38.2 in	*
	(750 x 100 mm)	(1046 mm)	(836 mm)	(969 mm)	
3080AN85B	30 x 4 in	33.0 in	32.9 in	34.0 in	ST
00007111002	(750 x 100 mm)	(837 mm)	(836 mm)	(864 mm)	<u> </u>
3080AN65B	30 x 4 in	33.0 in	32.9 in	34.0 in	WT
3000AN03B	(750 x 100 mm)	(837 mm)	(836 mm)	(864 mm)	V V I
3081AN	30 x 6 in	45.3 in	35.0 in	40.2 in	*
300 IAIN	(750 x 150 mm)	(1151 mm)	(889 mm)	(1021 mm)	
3081AN85B	30 x 6 in	37.1 in	35.0 in	36.1 in	ST
300 IAN03D	(750 x 150 mm)	(942 mm)	(889 mm)	(917 mm)	31
2004 A NGED	30 x 6 in	37.1 in	35.0 in	36.1 in	WT
3081AN65B	(750 x 150 mm)	(942 mm)	(889 mm)	(917 mm)	VVI
3082AN	30 x 8 in	49.4 in	37.1 in	42.3 in	*
SUOZAIN	(750 x 200 mm)	(1256 mm)	(942 mm)	(1074 mm)	
3082AN85B	30 x 8 in	41.2 in	37.1 in	38.2 in	ST
GCONIAZOUC	(750 x 200 mm)	(1046 mm)	(942 mm)	(969 mm)	01
3082AN65B	30 x 8 in	41.2 in	37.1 in	38.2 in	WT
300ZAN03D	(750 x 200 mm)	(1046 mm)	(942 mm)	(969 mm)	VVI
3083AN	30 x 10 in	49.4 in	38.6 in	42.3 in	*
SUOSAIN	(750 x 250 mm)	(1256 mm)	(980 mm)	(1074 mm)	
3083AN85B	30 x 10 in	41.2 in	38.6 in	38.2 in	ST
GCONIACOUC	(750 x 250 mm)	(1046 mm)	(980 mm)	(969 mm)	01
3083AN65B	30 x 10 in	41.2 in	38.6 in	38.2 in	WT
SUOSAINOSB	(750 x 250 mm)	(1046 mm)	(980 mm)	(969 mm)	VVI









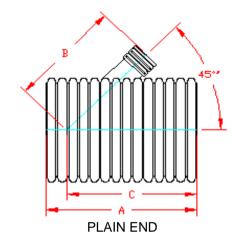
DRAWING #:		
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	05.30.08

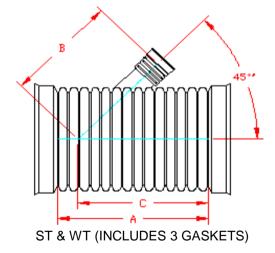
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING WYES 30"×12" - 30"×15" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
3084AN	30 x 12 in	53.6 in	42.1 in	44.3 in	*
	(750 x 300 mm)	(1360 mm)	(1069 mm)	(1126 mm)	
3084AN85B	30 x 12 in	45.3 in	40.2 in	40.2 in	ST
3004AN03D	(750 x 300 mm)	(1151 mm)	(1020 mm)	(1021 mm)	01
3084AN65B	30 x 12 in	45.3 in	40.2 in	40.2 in	WT
3004AN03B	(750 x 300 mm)	(1151 mm)	(1020 mm)	(1021 mm)	VVI
3085AN	30 x 15 in	61.8 in	48.1 in	48.5 in	*
SUOSAIN	(750 x 375 mm)	(1570 mm)	(1222 mm)	(1231 mm)	
3085AN85B	30 x 15 in	53.6 in	45.5 in	44.3 in	ST
SUOSANOSE	(750 x 375mm)	(1360 mm)	(1156 mm)	(1126 mm)	31
3085AN65B	30 x 15 in	53.6 in	45.5 in	44.3 in	WT
SUOSAINOSE	(750 x 375 mm)	(1360 mm)	(1156 mm)	(1126 mm)	VVI

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





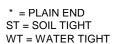


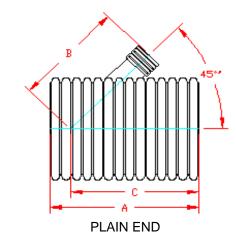
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DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

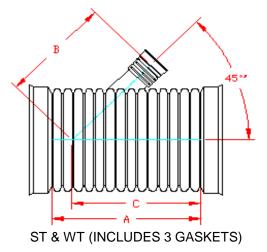
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING WYES 36"×4" - 36"×10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
3680AN	36 x 4 in (900 x 100 mm)	51.4 in (1306 mm)	<b>37.6 in</b> (955 mm)	<b>47.1 in</b> (1196 mm)	*
3680AN85B	36 x 4 in (900 x 100 mm)	41.1 in (1044 mm)	37.6 in (955 mm)	41.9 in (1063 mm)	ST
3680AN65B	36 x 4 in (900 x 100 mm)	41.1 in (1044 mm)	37.6 in (955 mm)	41.9 in (1063 mm)	WT
3681AN	36 x 6 in (900 x 150 mm)	51.4 in (1306 mm)	39.2 in (996 mm)	47.1 in (1196 mm)	*
3681AN85B	36 x 6 in (900 x 150 mm)	41.1 in (1044 mm)	39.2 in (996 mm)	41.9 in (1063 mm)	ST
3681AN65B	36 x 6 in (900 x 150 mm)	<b>41.1 in</b> (1044 mm)	39.2 in (996 mm)	41.9 in (1063 mm)	WT
3682AN	36 x 8 in (900 x 200 mm)	56.6 in (1438 mm)	41.3 in (1049 mm)	<b>49.7 in</b> (1263 mm)	*
3682AN85B	36 x 8 in (900 x 200 mm)	46.3 in (1176 mm)	<b>41.3 in</b> (1049 mm)	<b>44.5 in</b> (1130 mm)	ST
3682AN65B	36 x 8 in (900 x 200 mm)	46.3 in (1176 mm)	41.3 in (1049 mm)	<b>44.5 in</b> (1130 mm)	WT
3683AN	36 x 10 in (900 x 250 mm)	61.7 in (1567 mm)	<b>42.8 in</b> (1087 mm)	<b>52.4 in</b> (1330 mm)	*
3683AN85B	36 x 10 in (900 x 250 mm)	51.4 in (1306 mm)	<b>42.8 in</b> (1087 mm)	<b>47.1 in</b> (1196 mm)	ST
3683AN65B	36 x 10 in (900 x 250 mm)	51.4 in (1306 mm)	42.8 in (1087 mm)	<b>47.1 in</b> (1196 mm)	WT









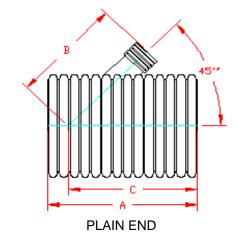
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DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	05.30.08

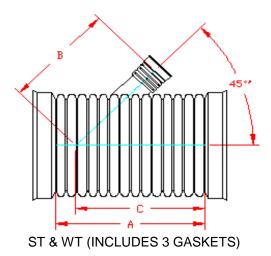
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### DUAL WALL FABRICATED REDUCING WYES 36"×12" - 36"×18" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
3684AN	36 x 12 in	61.7 in	46.8 in	52.4 in	*
300 <del>4</del> /11	(900 x 300 mm)	(1567 mm)	(1188 mm)	(1330 mm)	
3684AN85B	36 x 12 in	51.4 in	44.8 in	47.1 in	ST
3004AN03D	(900 x 300 mm)	(1306 mm)	(1139 mm)	(1196 mm)	31
3684AN65B	36 x 12 in	51.4 in	44.8 in	47.1 in	WT
3004AN03D	(900 x 300 mm)	(1306 mm)	(1139 mm)	(1196 mm)	VVI
3685AN	36 x 15 in	66.8 in	52.8 in	55.0 in	*
NACOOC	(900 x 375 mm)	(1697 mm)	(1341 mm)	(1396 mm)	
3685AN85B	36 x 15 in	56.8 in	50.2 in	49.7 in	ST
GCONINCOD	(900 x 1375mm)	(1443 mm)	(1275 mm)	(1263 mm)	5
3685AN65B	36 x 15 in	56.8 in	50.2 in	49.7 in	WT
GCONINCOD	(900 x 375 mm)	(1443 mm)	(1275 mm)	(1263 mm)	VVI
3686AN	36 x 18 in	72.0 in	53.6 in	57.6 in	*
SOODAIN	(900 x 450 mm)	(1829 mm)	(1361 mm)	(1463 mm)	
3686AN85B	36 x 18 in	61.7 in	50.9 in	52.4 in	ST
	(900 x 450mm)	(1567 mm)	(1293 mm)	(1330 mm)	01
2606 V NGED	36 x 18 in	61.7 in	50.9 in	52.4 in	WT
3686AN65B	(900 x 450 mm)	(1567 mm)	(1293 mm)	(1330 mm)	VVI

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





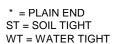


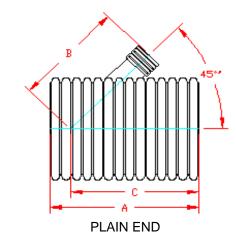
DRAWING #:	2335A	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

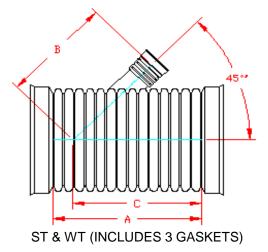
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING WYES 42"×4" - 42"×10" DIAMETER

PART#	PIPE SIZE	А	В	С	JOINT
4280AN	42 x 4 in	51.4 in	41.9 in	49.8 in	*
12007 111	(1050 x 100 mm)	(1306 mm)	(1064 mm)	(1265 mm)	
4280AN85B	42 x 4 in	41.1 in	41.9 in	44.6 in	ST
4200/AI100D	(1050 x 100 mm)	(1044 mm)	(1064 mm)	(1133 mm)	5
4280AN65B	42 x 4 in	41.1 in	41.9 in	44.6 in	WT
4200AN03B	(1050 x 100 mm)	(1044 mm)	(1064 mm)	(1133 mm)	VVI
4281AN	42 x 6 in	51.4 in	44.0 in	49.8 in	*
4201AN	(1050 x 150 mm)	(1306 mm)	(1118 mm)	(1265 mm)	
4281AN85B	42 x 6 in	41.1 in	44.0 in	44.6 in	ST
420 TAIN00D	(1050 x 150 mm)	(1044 mm)	(1118 mm)	(1133 mm)	5
4281AN65B	42 x 6 in	41.1 in	44.0 in	44.6 in	WT
420 TAINOOD	(1050 x 150 mm)	(1044 mm)	(1118 mm)	(1133 mm)	VVI
4282AN	42 x 8 in	56.5 in	45.7 in	52.4 in	*
4202AN	(1050 x 200 mm)	(1435 mm)	(1161 mm)	(1331 mm)	
4282AN85B	42 x 8 in	46.3 in	45.7 in	47.2 in	ST
4202AN03B	(1050 x 200 mm)	(1176 mm)	(1161 mm)	(1199 mm)	5
4282AN65B	42 x 8 in	46.3 in	45.7 in	47.2 in	WT
4202AN03B	(1050 x 200 mm)	(1176 mm)	(1161 mm)	(1199 mm)	V V I
4283AN	42 x 10 in	61.7 in	47.6 in	55.0 in	*
4203AN	(1050 x 250 mm)	(1567 mm)	(1209 mm)	(1397 mm)	
4283AN85B	42 x 10 in	51.4 in	47.6 in	49.8 in	ST
4203ANODD	(1050 x 250 mm)	(1306 mm)	(1209 mm)	(1265 mm)	31
4283AN65B	42 x 10 in	51.4 in	47.6 in	49.8 in	WT
7200AN00D	(1050 x 250 mm)	(1306 mm)	(1209 mm)	(1265 mm)	V V I









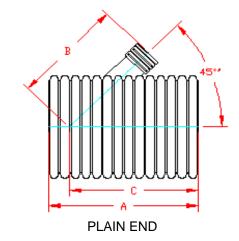
DRAWING #:	2340	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	05.30.08

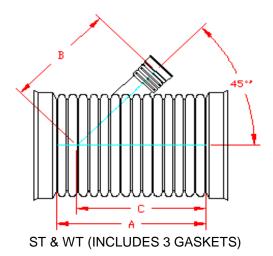
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING WYES 42"×12" - 42"×18" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
4284AN	42 x 12 in	61.7 in	51.0 in	55.0 in	*
	(1050 x 300 mm)	(1567 mm)	(1295 mm)	(1397 mm)	
4284AN85B	42 x 12 in	51.4 in	49.1 in	49.8 in	ST
4204AN03D	(1050 x 300 mm)	(1306 mm)	(1247 mm)	(1265 mm)	5
4284AN65B	42 x 12 in	51.4 in	49.1 in	49.8 in	WT
4204AN03B	(1050 x 300 mm)	(1306 mm)	(1247 mm)	(1265 mm)	VVI
4285AN	42 x 15 in	66.8 in	57.0 in	57.6 in	*
4200AN	(1050 x 375 mm)	(1697 mm)	(1449 mm)	(1463 mm)	
4285AN85B	42 x 15 in	56.5 in	54.4 in	52.4 in	ST
4200AN00D	(1050 x 375mm)	(1435 mm)	(1383 mm)	(1331 mm)	01
4285AN65B	42 x 15 in	56.5 in	54.4 in	52.4 in	WT
4200AN00B	(1050 x 375 mm)	(1435 mm)	(1383 mm)	(1331 mm)	VVI
4286AN	42 x 18 in	71.9 in	57.8 in	60.2 in	*
4200AN	(1050 x 450 mm)	(1826 mm)	(1469 mm)	(1529 mm)	
4286AN85B	42 x 18 in	61.7 in	55.2 in	55.0 in	ST
	(1050 x 450mm)	(1567 mm)	(1401 mm)	(1397 mm)	5
4206 A NIGED	42 x 18 in	61.7 in	55.2 in	55.0 in	\ <b>\</b> /T
4286AN65B	(1050 x 450 mm)	(1567 mm)	(1401 mm)	(1397 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





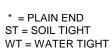


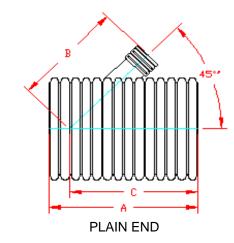
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DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

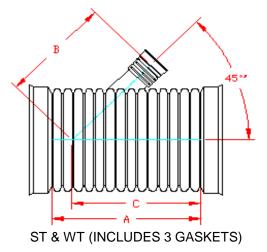
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING WYES 48"×4" - 48"×10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
4880AN	48 x 4 in	52.3 in	46.3 in	53.1 in	*
4000/114	(1200 x 100 mm)	(1328 mm)	(1176 mm)	(1347 mm)	
4880AN85B	48 x 4 in	41.9 in	46.3 in	47.8 in	ST
4000AN03D	(1200 x 100 mm)	(1064 mm)	(1176 mm)	(1214 mm)	5
4880AN65B	48 x 4 in	41.9 in	46.3 in	47.8 in	WT
4000AN03B	(1200 x 100 mm)	(1064 mm)	(1176 mm)	(1214 mm)	VVI
4881AN	48 x 6 in	52.3 in	47.9 in	53.1 in	*
4001711	(1200 x 150 mm)	(1328 mm)	(1217 mm)	(1347 mm)	
4881AN85B	48 x 6 in	41.9 in	47.9 in	47.8 in	ST
400 TAINOOD	(1200 x 150 mm)	(1064 mm)	(1217 mm)	(1214 mm)	5
4881AN65B	48 x 6 in	41.9 in	47.9 in	47.8 in	WT
400 TAINOOD	(1200 x 150 mm)	(1064 mm)	(1217 mm)	(1214 mm)	VVI
4882AN	48 x 8 in	57.6 in	50.0 in	55.7 in	*
4002/11	(1200 x 200 mm)	(1463 mm)	(1270 mm)	(1414 mm)	
4882AN85B	48 x 8 in	47.1 in	50.0 in	50.4 in	ST
4002AN03B	(1200 x 200 mm)	(1196 mm)	(1270 mm)	(1281 mm)	51
4882AN65B	48 x 8 in	47.1 in	50.0 in	50.4 in	WT
4002A1103B	(1200 x 200 mm)	(1196 mm)	(1270 mm)	(1281 mm)	V V I
4883AN	48 x 10 in	62.8 in	52.0 in	58.3 in	*
4003AN	(1200 x 250 mm)	(1595 mm)	(1321 mm)	(1481 mm)	
4883AN85B	48 x 10 in	52.3 in	52.0 in	53.1 in	ST
4000AINOOD	(1200 x 250 mm)	(1328 mm)	(1321 mm)	(1347 mm)	01
4883AN65B	48 x 10 in	52.3 in	52.0 in	53.1 in	WT
4000AN00D	(1200 x 250 mm)	(1328 mm)	(1321 mm)	(1347 mm)	V V I







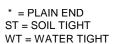


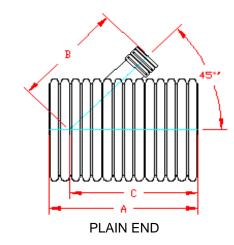
2345	
JCB	06.14.06
JCB	06.26.07
TJR	05.30.08
	JCB

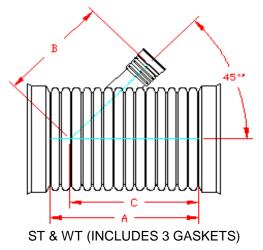
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING WYES 48"×12" - 48"×24" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
4884AN	48 x 12 in	62.8 in	55.2 in	58.3 in	*
	(1200 x 300 mm)	(1595 mm)	(1402 mm)	(1481 mm)	
4884AN85B	48 x 12 in	52.3 in	53.3 in	53.1 in	ST
40047 (I <b>1</b> 00B	(1200 x 300 mm)	(1328 mm)	(1353 mm)	(1347 mm)	01
4884AN65B	48 x 12 in	52.3 in	53.3 in	53.1 in	WT
4004AN03B	(1200 x 300 mm)	(1328 mm)	(1353 mm)	(1347 mm)	VVI
4885AN	48 x 15 in	68.0 in	61.2 in	60.9 in	*
4000AN	(1200 x 375 mm)	(1727 mm)	(1555 mm)	(1547 mm)	
4885AN85B	48 x 15 in	57.6 in	58.6 in	55.7 in	ST
4000AN00D	(1200 x 375mm)	(1463 mm)	(1489 mm)	(1414 mm)	31
400EANGED	48 x 15 in	57.6 in	58.6 in	55.7 in	WT
4885AN65B	(1200 x 375 mm)	(1463 mm)	(1489 mm)	(1414 mm)	VVI
4886AN	48 x 18 in	73.3 in	62.0 in	63.6 in	*
4000AN	(1200 x 450 mm)	(1862 mm)	(1575 mm)	(1614 mm)	
4886AN85B	48 x 18 in	62.8 in	59.3 in	58.3 in	ST
4000AIAOOD	(1200 x 450mm)	(1595 mm)	(1507 mm)	(1481 mm)	5
4886AN65B	48 x 18 in	62.8 in	59.3 in	58.3 in	WT
4000AN00D	(1200 x 450 mm)	(1595 mm)	(1507 mm)	(1481 mm)	VVI
4887AN	48 x 24 in	83.7 in	66.3 in	68.8 in	*
4007 AIN	(1200 x 600 mm)	(2126 mm)	(1683 mm)	(1748 mm)	
4007AN0ED	48 x 24 in	73.3 in	63.1 in	63.6 in	ST
4887AN85B	(1200 x 600mm)	(1862 mm)	(1603 mm)	(1614 mm)	0
4887AN65B	48 x 24 in	73.3 in	63.1 in	63.6 in	WT
400/AINO3B	(1200 x 600 mm)	(1862 mm)	(1603 mm)	(1614 mm)	VVI







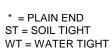


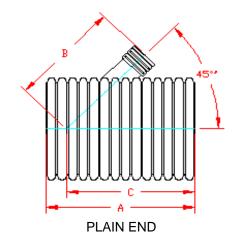
DRAWING #:	2345A	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

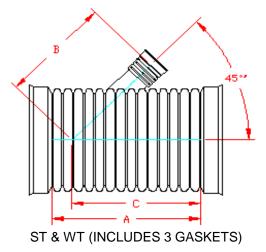
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING WYES 60"x4" - 60"x10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
6080AN	60 x 4 in	60.0 in	55.2 in	63.2 in	*
00007111	(1500 x 100 mm)	(1524 mm)	(1402 mm)	(1604 mm)	
6080AN85B	60 x 4 in	48.0 in	55.2 in	57.2 in	ST
0000711100B	(1500 x 100 mm)	(1219 mm)	(1402 mm)	(1452 mm)	01
6080AN65B	60 x 4 in	48.0 in	55.2 in	57.2 in	WT
OUGUANOSB	(1500 x 100 mm)	(1219 mm)	(1402 mm)	(1452 mm)	VVI
6081AN	60 x 6 in	60.0 in	56.8 in	63.2 in	*
0001711	(1500 x 150 mm)	(1524 mm)	(1443 mm)	(1604 mm)	
6081AN85B	60 x 6 in	48.0 in	56.8 in	57.2 in	ST
000 IAN00D	(1500 x 150 mm)	(1219 mm)	(1443 mm)	(1452 mm)	31
6081AN65B	60 x 6 in	48.0 in	56.8 in	57.2 in	WT
dconiai oud	(1500 x 150 mm)	(1219 mm)	(1443 mm)	(1452 mm)	VVI
6082AN	60 x 8 in	66.0 in	59.0 in	66.2 in	*
0002/11	(1500 x 200 mm)	(1676 mm)	(1499 mm)	(1680 mm)	
6082AN85B	60 x 8 in	54.0 in	59.0 in	60.2 in	ST
0002AN03D	(1500 x 200 mm)	(1372 mm)	(1499 mm)	(1528 mm)	5
6082AN65B	60 x 8 in	54.0 in	59.0 in	60.2 in	WT
0002AN03D	(1500 x 200 mm)	(1372 mm)	(1499 mm)	(1528 mm)	VVI
6083AN	60 x 10 in	66.0 in	60.9 in	66.2 in	*
OUOSAN	(1500 x 250 mm)	(1676 mm)	(1547 mm)	(1680 mm)	
6083AN85B	60 x 10 in	54.0 in	60.9 in	60.2 in	ST
0083AN85B	(1500 x 250 mm)	(1372 mm)	(1547 mm)	(1528 mm)	5
6083AN65B	60 x 10 in	54.0 in	60.9 in	60.2 in	WT
DUOSANOSD	(1500 x 250 mm)	(1372 mm)	(1547 mm)	(1528 mm)	VVI









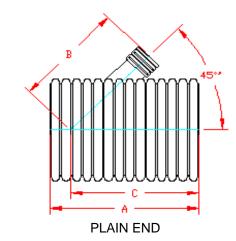
DRAWING #:	2350	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	05.30.08

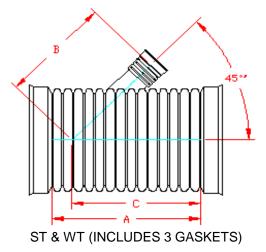
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING WYES 60"×12" - 60"×24" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
6084AN	60 x 12 in	72.0 in	64.2 in	69.2 in	*
	(1500 x 300 mm)	(1829 mm)	(1630 mm)	(1756 mm)	
6084AN85B	60 x 12 in	60.0 in	62.2 in	63.2 in	ST
0004/11000	(1500 x 300 mm)	(1524 mm)	(1581 mm)	(1604 mm)	5
6084AN65B	60 x 12 in	60.0 in	62.2 in	63.2 in	WT
000471103D	(1500 x 300 mm)	(1524 mm)	(1581 mm)	(1604 mm)	V V I
6085AN	60 x 15 in	78.0 in	70.2 in	72.2 in	*
OUOSAN	(1500 x 375 mm)	(1981 mm)	(1783 mm)	(1833 mm)	
6085AN85B	60 x 15 in	66.0 in	67.6 in	66.2 in	ST
OUOSANOSB	(1500 x 375mm)	(1676 mm)	(1717 mm)	(1680 mm)	5
6085AN65	60 x 15 in	66.0 in	67.6 in	66.2 in	WT
CONACOUD	(1500 x 375 mm)	(1676 mm)	(1717 mm)	(1680 mm)	VVI
6086AN	60 x 18 in	78.0 in	71.0 in	72.2 in	*
OUOOAN	(1500 x 450 mm)	(1981 mm)	(1803 mm)	(1833 mm)	
6086AN85B	60 x 18 in	66.0 in	68.3 in	66.2 in	ST
OUGOANOOD	(1500 x 450mm)	(1676 mm)	(1735 mm)	(1680 mm)	5
6086AN65B	60 x 18 in	66.0 in	68.3 in	66.2 in	WT
dconiadoud	(1500 x 450 mm)	(1676 mm)	(1735 mm)	(1680 mm)	VVI
6087AN	60 x 24 in	90.0 in	75.2 in	78.2 in	*
0007AN	(1500 x 600 mm)	(2286 mm)	(1911 mm)	(1985 mm)	
6087AN85B	60 x 24 in	78.0 in	72.1 in	72.2 in	ST
dcoria roud	(1500 x 600mm)	(1981 mm)	(1831 mm)	(1833 mm)	31
6087AN65B	60 x 24 in	78.0 in	72.1 in	72.2 in	WT
DUO/AINUOD	(1500 x 600 mm)	(1981 mm)	(1831 mm)	(1833 mm)	VVI

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







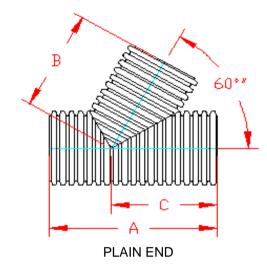
DRAWING #:	2350A	
DRAWN BY:		06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

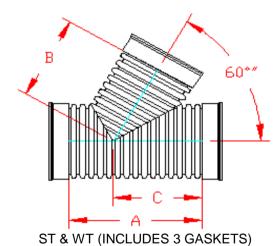
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### DUAL WALL FABRICATED 60° STANDARD WYES 18" - 24" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
1886AN60	18 in	48.2 in	29.5 in	29.5 in	*
1000/11100	(450 mm)	(1225 mm)	(749 mm)	(749 mm)	
1886AN6085B	18 in	37.5 in	24.1 in	24.1 in	ST
10004110003D	(450 mm)	(953 mm)	(613 mm)	(613 mm)	31
1886AN6065B	18 in	37.5 in	24.1 in	24.1 in	WT
DOODAINOUODD	(450 mm)	(953 mm)	(613 mm)	(613 mm)	VVI
2487AN60	24 in	59.9 in	37.3 in	37.3 in	*
2407 ANOU	(600 mm)	(1520 mm)	(948 mm)	(948 mm)	
2487AN6085B	24 in	47.3 in	32.0 in	32.0 in	ST
2407 ANOUGOD	(600 mm)	(1200 mm)	(812 mm)	(812 mm)	31
2487AN6065B	24 in	47.3 in	32.0 in	32.0 in	WT
2401 AN00000	(600 mm)	(1200 mm)	(812 mm)	(812 mm)	VVI

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



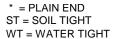


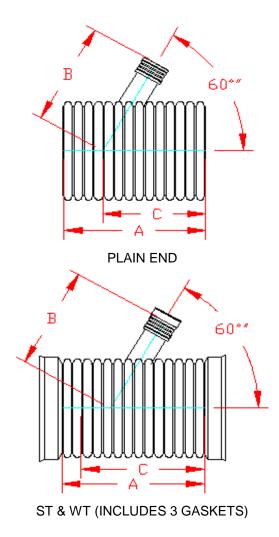


DRAWING #:	2355	
DRAWN BY:	JCB	08.09.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

# DUAL WALL FABRICATED 60° REDUCING WYES 18"×4" - 18"×10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
1880AN60	18 x 4 in	29.5 in	18.2 in	20.9 in	*
	(450 x 100 mm)	(749 mm)	(462 mm)	(530 mm)	
1880AN6085B	18 x 4 in	24.1 in	17.5 in	18.2 in	ST
	(450 x 100 mm)	(613 mm)	(445 mm)	(462 mm)	
1880AN6065B	18 x 4 in	24.1 in	17.5 in	18.2 in	WT
1000/11100002	(450 x 100 mm)	(613 mm)	(445 mm)	(462 mm)	• • • • • • • • • • • • • • • • • • • •
1881AN60	18 x 6 in	29.5 in	19.2 in	20.9 in	*
100171100	(450 x 150 mm)	(749 mm)	(487 mm)	(530 mm)	
1881AN6085B	18 x 6 in	24.1 in	18.4 in	18.2 in	ST
1001/41100030	(450 x 150 mm)	(613 mm)	(467 mm)	(462 mm)	31
4004 A NCOCED	18 x 6 in	24.1 in	18.4 in	18.2 in	\A/T
1881AN6065B	(450 x 150 mm)	(613 mm)	(467 mm)	(462 mm)	WT
10000100	18 x 8 in	32.2 in	20.9 in	22.2 in	*
1882AN60	(450 x 200 mm)	(817 mm)	(530 mm)	(564 mm)	
1882AN6085B	18 x 8 in	26.8 in	19.9 in	19.5 in	ST
1002/11000000	(450 x 200 mm)	(681 mm)	(506 mm)	(496 mm)	31
1882AN6065B	18 x 8 in	26.8 in	19.9 in	19.5 in	WT
1002AIN0000D	(450 x 200 mm)	(681 mm)	(506 mm)	(496 mm)	VVI
10004NC0	18 x 10 in	34.8 in	23.6 in	23.5 in	*
1883AN60	(450 x 250 mm)	(885 mm)	(599 mm)	(598 mm)	
4000 A NCOOED	18 x 10 in	29.5 in	22.3 in	20.9 in	СТ
1883AN6085B	(450 x 250 mm)	(749 mm)	(567 mm)	(530 mm)	ST
4000 A NICOCED	18 x 10 in	29.5 in	22.3 in	20.9 in	\A/ <del>T</del>
1883AN6065B	(450 x 250 mm)	(749 mm)	(567 mm)	(530 mm)	WT







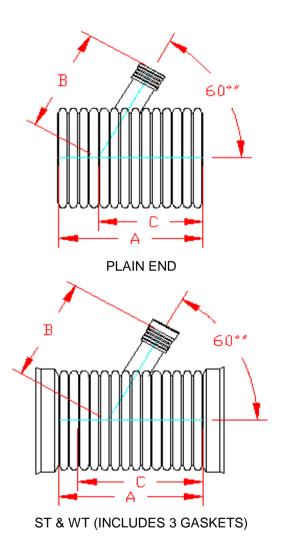
DRAWING #:	2360	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### DUAL WALL FABRICATED 60° REDUCING WYES 18"×12" - 18"×15" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
1884AN60	18 x 12 in	40.2 in	29.5 in	26.2 in	*
	(450 x 300 mm)	(1021 mm)	(750 mm)	(666 mm)	
1004ANG00ED	18 x 12 in	34.8 in	27.6 in	23.5 in	ST
1884AN6085B	(450 x 300 mm)	(885 mm)	(701 mm)	(598 mm)	7
1884AN6065B	18 x 12 in	34.8 in	27.6 in	23.5 in	WT
1004AN0003B	(450 x 300 mm)	(885 mm)	(701 mm)	(598 mm)	VVI
1885AN60	18 x 15 in	42.9 in	35.5 in	27.6 in	*
1003A1100	(450 x 375 mm)	(1089 mm)	(903 mm)	(700 mm)	
1885AN6085B	18 x 15 in	37.5 in	33.0 in	24.9 in	ST
1000AN0000B	(450 x 1375mm)	(953 mm)	(837 mm)	(632 mm)	5
1885AN6065B	18 x 15 in	37.5 in	33.0 in	24.9 in	WT
TOOOMINOUOOD	(450 x 375 mm)	(953 mm)	(837 mm)	(632 mm)	VV I

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



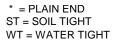


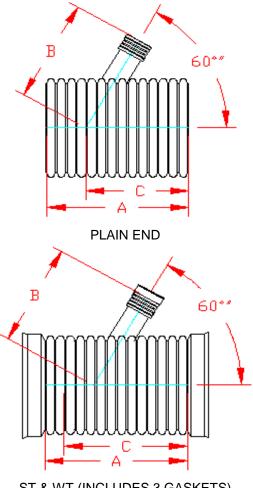
DRAWING #:		
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### **DUAL WALL FABRICATED 60° REDUCING WYES** 24"×4" - 24"×10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
2480AN60	24 x 4 in	31.5 in	22.0 in	23.8 in	*
	(600 x 100 mm)	(800 mm)	(559 mm)	(604 mm)	
2480AN6085B	24 x 4 in	25.2 in	21.3 in	20.6 in	ST
21007 11100002	(600 x 100 mm)	(640 mm)	(542 mm)	(524 mm)	<u> </u>
2480AN6065B	24 x 4 in	25.2 in	21.3 in	20.6 in	WT
2400AN0003D	(600 x 100 mm)	(640 mm)	(542 mm)	(524 mm)	V V I
2481AN60	24 x 6 in	34.7 in	23.0 in	25.4 in	*
240 IAINOU	(600 x 150 mm)	(880 mm)	(584 mm)	(644 mm)	
2481AN6085B	24 x 6 in	28.4 in	22.2 in	22.2 in	ST
240 I A I NO UO O O O	(600 x 150 mm)	(720 mm)	(564 mm)	(564 mm)	31
2481AN6065B	24 x 6 in	28.4 in	22.2 in	22.2 in	WT
246 I AIN00000D	(600 x 150 mm)	(720 mm)	(564 mm)	(564 mm)	VVI
2482AN60	24 x 8 in	37.8 in	24.7 in	26.9 in	*
2402AN00	(600 x 200 mm)	(960 mm)	(627 mm)	(684 mm)	
2482AN6085B	24 x 8 in	31.5 in	23.7 in	23.8 in	ST
2402AIN0U00D	(600 x 200 mm)	(800 mm)	(603 mm)	(604 mm)	31
24924NG0GED	24 x 8 in	31.5 in	23.7 in	23.8 in	WT
2482AN6065B	(600 x 200 mm)	(800 mm)	(603 mm)	(604 mm)	VVI
04004NICO	24 x 10 in	41.0 in	27.4 in	28.5 in	*
2483AN60	(600 x 250 mm)	(1040 mm)	(696 mm)	(724 mm)	
2483AN6085B	24 x 10 in	34.7 in	26.1 in	25.4 in	ST
2403AIN0U03B	(600 x 250 mm)	(880 mm)	(664 mm)	(644 mm)	31
24924N606ED	24 x 10 in	34.7 in	26.1 in	25.4 in	\ <b>/</b> /T
2483AN6065B	(600 x 250 mm)	(880 mm)	(664 mm)	(644 mm)	WT









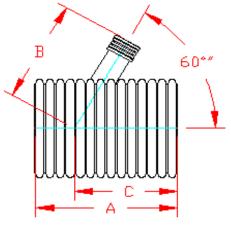
DRAWING #:	2365	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

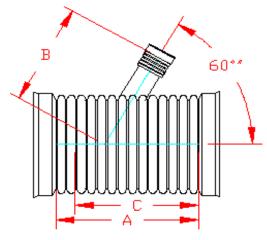
# DUAL WALL FABRICATED 60° REDUCING WYES 24"×12" - 24"×18" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
2484AN60	24 x 12 in	44.1 in	33.3 in	30.1 in	*
	(600 x 300 mm)	(1120 mm)	(847 mm)	(764 mm)	
2484AN6085B	24 x 12 in	37.8 in	31.4 in	26.9 in	ST
2404AI10003D	(600 x 300 mm)	(960 mm)	(798 mm)	(684 mm)	5
2484AN6065B	24 x 12 in	37.8 in	31.4 in	26.9 in	WT
2404AN0003B	(600 x 300 mm)	(960 mm)	(798 mm)	(684 mm)	VVI
2485AN60	24 x 15 in	47.3 in	39.4 in	31.7 in	*
2400AN00	(600 x 375 mm)	(1200 mm)	(1000 mm)	(804 mm)	
2485AN6085B	24 x 15 in	41.0 in	36.8 in	28.5 in	ST
2400AN0000B	(600 x 375 mm)	(1040 mm)	(934 mm)	(724 mm)	51
2485AN6065B	24 x 15 in	41.0 in	36.8 in	28.5 in	WT
2403AN0003B	(600 x 375 mm)	(1040 mm)	(934 mm)	(724 mm)	VVI
2486AN60	24 x 18 in	50.4 in	40.2 in	33.2 in	*
2400AN00	(600 x 450 mm)	(1280 mm)	(1020 mm)	(844 mm)	
24964N6095D	24 x 18 in	44.1 in	37.5 in	30.1 in	ST
2486AN6085B	(600 x 450 mm)	(1120 mm)	(952 mm)	(764 mm)	5
2496 A NGOGED	24 x 18 in	44.1 in	37.5 in	30.1 in	\//T
2486AN6065B	(600 x 450 mm)	(1120 mm)	(952 mm)	(764 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 3 GASKETS)

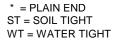


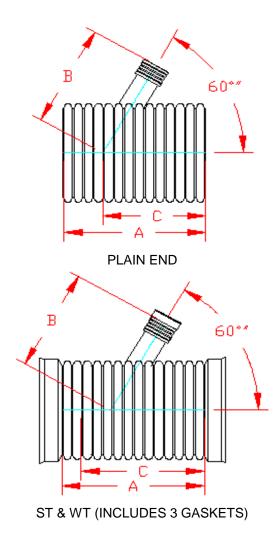
DRAWING #:	2365A	
DRAWN BY:	JCB	06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	4/19/2016

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED 60° REDUCING WYES 30"×4" - 30"×10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
3080AN60	30 x 4 in	41.2 in	26.2 in	30.7 in	*
	(750 x 100 mm)	(1046 mm)	(665 mm)	(781 mm)	
3080AN6085B	30 x 4 in	33.0 in	25.5 in	26.6 in	ST
	(750 x 100 mm)	(837 mm)	(649 mm)	(676 mm)	
3080AN6065B	30 x 4 in	33.0 in	25.5 in	26.6 in	WT
3000AN0003D	(750 x 100 mm)	(837 mm)	(649 mm)	(676 mm)	V 1
3081AN60	30 x 6 in	41.2 in	27.2 in	30.7 in	*
300 IAINOU	(750 x 150 mm)	(1046 mm)	(691 mm)	(781 mm)	
2004 A NGOOFD	30 x 6 in	33.0 in	26.4 in	26.6 in	ST
3081AN6085B	(750 x 150 mm)	(837 mm)	(671 mm)	(676 mm)	31
0004 ANIOOOFD	30 x 6 in	33.0 in	26.4 in	26.6 in	) A / T
3081AN6065B	(750 x 150 mm)	(837 mm)	(671 mm)	(676 mm)	WT
000001100	30 x 8 in	45.3 in	28.9 in	32.8 in	*
3082AN60	(750 x 200 mm)	(1151 mm)	(734 mm)	(833 mm)	•
2000 A NICOOED	30 x 8 in	37.1 in	27.9 in	28.7 in	C.T.
3082AN6085B	(750 x 200 mm)	(942 mm)	(710 mm)	(728 mm)	ST
3082AN6065B	30 x 8 in	37.1 in	27.9 in	28.7 in	WT
3002AN0003B	(750 x 200 mm)	(942 mm)	(710 mm)	(728 mm)	VVI
20024 NICO	30 x 10 in	49.4 in	31.6 in	34.9 in	*
3083AN60	(750 x 250 mm)	(1256 mm)	(803 mm)	(885 mm)	
2002 A NG005D	30 x 10 in	45.3 in	30.3 in	30.7 in	СТ
3083AN6085B	(750 x 250 mm)	(1151 mm)	(771 mm)	(781 mm)	ST
20024NC0CED	30 x 10 in	45.3 in	30.3 in	30.7 in	\A/T
3083AN6065B	(750 x 250 mm)	(1151 mm)	(771 mm)	(781 mm)	WT







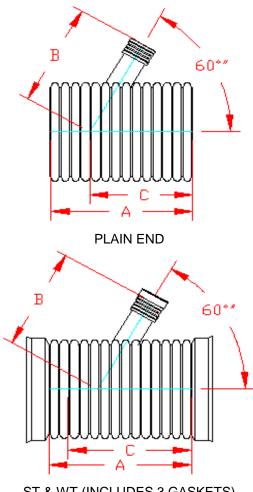
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DRAWN BY:		06.14.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### **DUAL WALL FABRICATED 60° REDUCING WYES** 30"×12" - 30"×24" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
3084AN60	30 x 12 in	53.6 in	37.5 in	36.9 in	*
000 17 11 100	(750 x 300 mm)	(1360 mm)	(954 mm)	(938 mm)	
3084AN6085B	30 x 12 in	45.3 in	35.6 in	32.8 in	ST
3004AN0003D	(750 x 300 mm)	(1151 mm)	(905 mm)	(833 mm)	5
3084AN6065B	30 x 12 in	45.3 in	35.6 in	32.8 in	WT
3004AN0003B	(750 x 300 mm)	(1151 mm)	(905 mm)	(833 mm)	VVI
3085AN60	30 x 15 in	53.6 in	43.6 in	36.9 in	*
SUOSAINOU	(750 x 375 mm)	(1360 mm)	(1107 mm)	(938 mm)	
3085AN6085B	30 x 15 in	45.3 in	41.0 in	32.8 in	ST
3003AN0003D	(750 x 375 mm)	(1151 mm)	(1041 mm)	(833 mm)	5
3085AN6065B	30 x 15 in	45.3 in	41.0 in	32.8 in	WT
3063AN0003B	(750 x 375 mm)	(1151 mm)	(1041 mm)	(833 mm)	VVI
3086AN60	30 x 18 in	57.7 in	44.4 in	39.0 in	*
SUCCAINCO	(750 x 450 mm)	(1465 mm)	(1127 mm)	(990 mm)	
3086AN6085B	30 x 18 in	49.4 in	41.7 in	34.9 in	ST
3000AN0003B	(750 x 450 mm)	(1256 mm)	(1059 mm)	(885 mm)	5
3086AN6065B	30 x 18 in	49.4 in	41.7 in	34.9 in	WT
3000AN0003D	(750 x 450 mm)	(1256 mm)	(1059 mm)	(885 mm)	VVI
3087AN60	30 x 24 in	65.9 in	48.6 in	43.1 in	*
3007AN00	(750 x 600 mm)	(1674 mm)	(1235 mm)	(1094 mm)	
3087AN6085B	30 x 24 in	57.7 in	45.5 in	39.0 in	ST
OCOUPINOUS D	(750 x 600 mm)	(1465 mm)	(1155 mm)	(990 mm)	31
3087AN6065B	30 x 24 in	57.7 in	45.5 in	39.0 in	WT
JUUI ANUUUJB	(750 x 600 mm)	(1465 mm)	(1155 mm)	(990 mm)	VVI

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



ST & WT (INCLUDES 3 GASKETS)

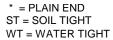


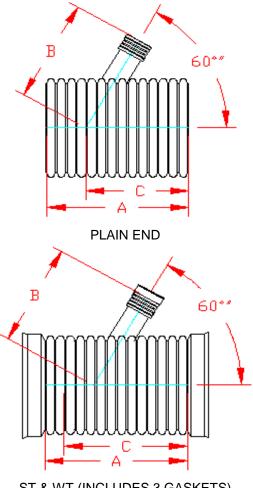
DRAWING #:	2370A	
DRAWN BY:	JCB	04.20.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

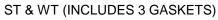
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED 60° REDUCING WYES 36"×4" - 36"×10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
3680AN60	36 x 4 in	52.5 in	30.0 in	38.3 in	*
	(900 x 100 mm)	(1334 mm)	(762 mm)	(972 mm)	
3680AN6085B	36 x 4 in	42.0 in	29.4 in	33.0 in	ST
	(900 x 100 mm)	(1067 mm)	(745 mm)	(839 mm)	
3680AN6065B	36 x 4 in	42.0 in	29.4 in	33.0 in	WT
3000AN0003D	(900 x 100 mm)	(1067 mm)	(745 mm)	(839 mm)	VVI
3681AN60	36 x 6 in	52.5 in	31.0 in	38.3 in	*
300 IAINOU	(900 x 150 mm)	(1334 mm)	(787 mm)	(972 mm)	
3681AN6085B	36 x 6 in	42.0 in	30.2 in	33.0 in	ST
300 IAIN0003D	(900 x 150 mm)	(1067 mm)	(768 mm)	(839 mm)	ادا
OCO4 A NICOCED	36 x 6 in	42.0 in	30.2 in	33.0 in	\A/T
3681AN6065B	(900 x 150 mm)	(1067 mm)	(768 mm)	(839 mm)	WT
2024 NC0	36 x 8 in	57.8 in	32.7 in	40.9 in	*
3682AN60	(900 x 200 mm)	(1467 mm)	(831 mm)	(1039 mm)	
2002ANC00ED	36 x 8 in	47.3 in	31.8 in	35.7 in	ST
3682AN6085B	(900 x 200 mm)	(1200 mm)	(806 mm)	(906 mm)	31
2C02ANC0CED	36 x 8 in	47.3 in	31.8 in	35.7 in	\A/T
3682AN6065B	(900 x 200 mm)	(1200 mm)	(806 mm)	(906 mm)	WT
2024 NCO	36 x 10 in	57.8 in	35.4 in	40.9 in	*
3683AN60	(900 x 250 mm)	(1467 mm)	(899 mm)	(1039 mm)	
2602 A NG00ED	36 x 10 in	47.3 in	34.2 in	35.7 in	СТ
3683AN6085B	(900 x 250 mm)	(1200 mm)	(867 mm)	(906 mm)	ST
2602 A NGOGED	36 x 10 in	47.3 in	34.2 in	35.7 in	\ <b>\</b> /T
3683AN6065B	(900 x 250 mm)	(1200 mm)	(867 mm)	(906 mm)	WT









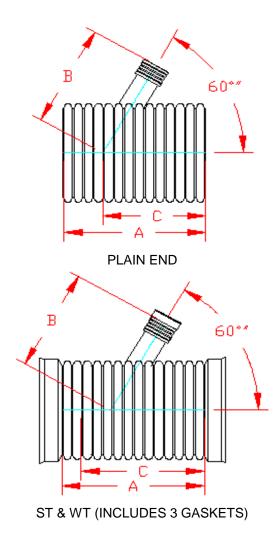
DRAWING #:	2375	
DRAWN BY:	JCB	04.20.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED 60° REDUCING WYES 36"×12" - 36"×24" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
3684AN60	36 x 12 in	63.0 in	41.4 in	43.5 in	*
000 17 11 100	(900 x 300 mm)	(1600 mm)	(1050 mm)	(1106 mm)	
3684AN6085B	36 x 12 in	52.5 in	39.4 in	38.3 in	ST
3004AN0003D	(900 x 300 mm)	(1334 mm)	(1002 mm)	(972 mm)	5
3684AN6065B	36 x 12 in	52.5 in	39.4 in	38.3 in	WT
3004AN0003D	(900 x 300 mm)	(1334 mm)	(1002 mm)	(972 mm)	VVI
3685AN60	36 x 15 in	63.0 in	47.4 in	43.5 in	*
SOOSAINOU	(900 x 375 mm)	(1600 mm)	(1203 mm)	(1106 mm)	
3685AN6085B	36 x 15 in	52.5 in	44.8 in	38.3 in	ST
3000AN0000B	(900 x 375 mm)	(1334 mm)	(1138 mm)	(972 mm)	31
3685AN6065B	36 x 15 in	52.5 in	44.8 in	38.3 in	WT
GCOUNIACOOD	(900 x 375 mm)	(1334 mm)	(1138 mm)	(972 mm)	VVI
3686AN60	36 x 18 in	68.3 in	48.2 in	46.2 in	*
SOOOAINOU	(900 x 450 mm)	(1734 mm)	(1224 mm)	(1172 mm)	
3686AN6085B	36 x 18 in	57.8 in	45.5 in	40.9 in	ST
3000AN0003B	(900 x 450 mm)	(1467 mm)	(1156 mm)	(1039 mm)	5
3686AN6065B	36 x 18 in	57.8 in	45.5 in	40.9 in	WT
3000AN0003B	(900 x 450 mm)	(1467 mm)	(1156 mm)	(1039 mm)	VVI
3687AN60	36 x 24 in	78.8 in	52.4 in	51.4 in	*
3007AN00	(900 x 600 mm)	(2000 mm)	(1331 mm)	(1306 mm)	
3687AN6085B	36 x 24 in	68.3 in	49.3 in	46.2 in	ST
308/AINOU85B	(900 x 600 mm)	(1734 mm)	(1251 mm)	(1172 mm)	31
3687AN6065B	36 x 24 in	68.3 in	49.3 in	46.2 in	WT
3007 AN0003D	(900 x 600 mm)	(1734 mm)	(1251 mm)	(1172 mm)	VVI

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



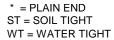


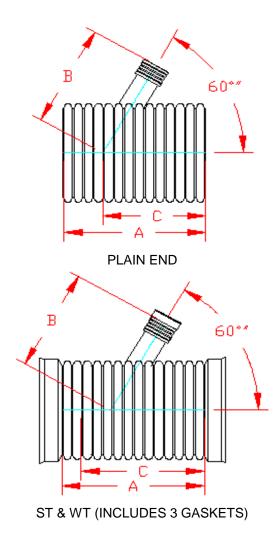
DRAWING #:	2375A	
DRAWN BY:	JCB	04.20.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED 60° REDUCING WYES 42"×4" - 42"×10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
4280AN60	42 x 4 in	51.9 in	33.5 in	39.7 in	*
	(1050 x 100 mm)	(1318 mm)	(850 mm)	(1009 mm)	
4280AN6085B	42 x 4 in	41.5 in	32.8 in	34.5 in	ST
12007 11 100002	(1050 x 100 mm)	(1055 mm)	(833 mm)	(877 mm)	<u> </u>
4280AN6065B	42 x 4 in	41.5 in	32.8 in	34.5 in	WT
4200AN0003D	(1050 x 100 mm)	(1055 mm)	(833 mm)	(877 mm)	V V I
4281AN60	42 x 6 in	51.9 in	34.5 in	39.7 in	*
420 IAINOU	(1050 x 150 mm)	(1318 mm)	(875 mm)	(1009 mm)	
4281AN6085B	42 x 6 in	41.5 in	33.7 in	34.5 in	ST
4201AN0000D	(1050 x 150 mm)	(1055 mm)	(856 mm)	(877 mm)	01
4004 A NCOCED	42 x 6 in	41.5 in	33.7 in	34.5 in	\ <b>^/</b> T
4281AN6065B	(1050 x 150 mm)	(1055 mm)	(856 mm)	(877 mm)	WT
40004 NICO	42 x 8 in	57.1 in	36.2 in	42.3 in	*
4282AN60	(1050 x 200 mm)	(1450 mm)	(919 mm)	(1075 mm)	
4282AN6085B	42 x 8 in	46.7 in	35.2 in	37.1 in	ST
4202AIN0U00D	(1050 x 200 mm)	(1186 mm)	(894 mm)	(943 mm)	31
42024 NG0GED	42 x 8 in	46.7 in	35.2 in	37.1 in	WT
4282AN6065B	(1050 x 200 mm)	(1186 mm)	(894 mm)	(943 mm)	VVI
4283AN60	42 x 10 in	57.1 in	38.9 in	42.3 in	*
4203ANOU	(1050 x 250 mm)	(1450 mm)	(987 mm)	(1075 mm)	
1202 A NGOGED	42 x 10 in	46.7 in	37.6 in	37.1 in	ST
4283AN6085B	(1050 x 250 mm)	(1186 mm)	(955 mm)	(943 mm)	31
4292 A NICOCED	42 x 10 in	46.7 in	37.6 in	37.1 in	\//T
4283AN6065B	(1050 x 250 mm)	(1186 mm)	(955 mm)	(943 mm)	WT







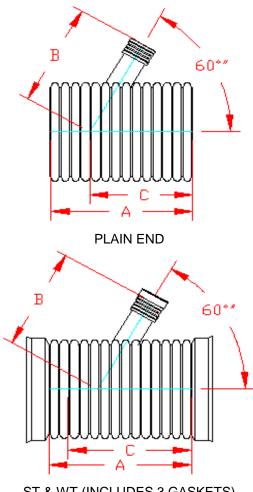
DRAWING #:	2380	
DRAWN BY:	JCB	04.20.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### **DUAL WALL FABRICATED 60° REDUCING WYES** 42"×12" - 42"×24" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
4284AN60	42 x 12 in	62.3 in	44.8 in	44.9 in	*
	(1050 x 300 mm)	(1582 mm)	(1138 mm)	(1140 mm)	
4284AN6085B	42 x 12 in	51.9 in	42.9 in	39.7 in	ST
120 17 (1 10000)	(1050 x 300 mm)	(1318 mm)	(1089 mm)	(1009 mm)	0
4284AN6065B	42 x 12 in	51.9 in	42.8 in	39.7 in	WT
4204AN0003B	(1050 x 300 mm)	(1318 mm)	(1087 mm)	(1009 mm)	VVI
4285AN60	42 x 15 in	62.3 in	50.8 in	44.9 in	*
4200AN00	(1050 x 375 mm)	(1582 mm)	(1291 mm)	(1140 mm)	
4285AN6085B	42 x 15 in	51.9 in	48.3 in	39.7 in	ST
4200AIN0000D	(1050 x 375 mm)	(1318 mm)	(1226 mm)	(1009 mm)	01
4005 A N COOFD	42 x 15 in	51.9 in	48.3 in	39.7 in	\A/ <del>T</del>
4285AN6085B	(1050 x 375 mm)	(1318 mm)	(1226 mm)	(1009 mm)	WT
4000 A NICO	42 x 18 in	67.5 in	51.7 in	47.5 in	*
4286AN60	(1050 x 450 mm)	(1714 mm)	(1312 mm)	(1207 mm)	
400CANC00ED	42 x 18 in	57.1 in	49.0 in	42.3 in	CT.
4286AN6085B	(1050 x 450 mm)	(1450 mm)	(1244 mm)	(1075 mm)	ST
4000 A NOOCED	42 x 18 in	57.1 in	49.0 in	42.3 in	\A/ <del>T</del>
4286AN6065B	(1050 x 450 mm)	(1450 mm)	(1244 mm)	(1075 mm)	WT
4007ANC0	42 x 24 in	77.9 in	55.9 in	52.7 in	*
4287AN60	(1050 x 600 mm)	(1977 mm)	(1419 mm)	(1338 mm)	
4207 A NGOOGD	42 x 24 in	67.5 in	52.7 in	49.5 in	СТ
4287AN6085B	(1050 x 600 mm)	(1714 mm)	(1339 mm)	(1258 mm)	ST
4207 A NGOGED	42 x 24 in	67.5 in	52.7 in	49.5 in	\ <b>//</b> T
4287AN6065B	(1050 x 600 mm)	(1714 mm)	(1339 mm)	(1258 mm)	WT

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



ST & WT (INCLUDES 3 GASKETS)

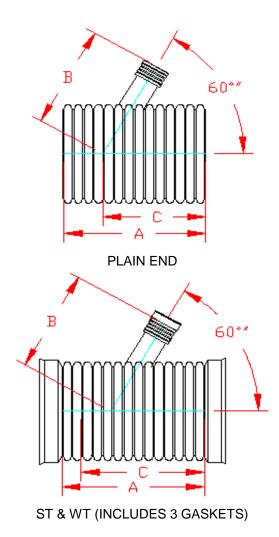


DRAWING #:	2380A	
DRAWN BY:	JCB	04.20.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

# DUAL WALL FABRICATED 60° REDUCING WYES 48"×4" - 48"×10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
4880AN60	48 x 4 in	52.5 in	36.9 in	41.7 in	*
1000/11100	(1200 x 100 mm)	(1334 mm)	(937 mm)	(1060 mm)	
4880AN6085B	48 x 4 in	42.0 in	36.2 in	36.5 in	ST
4000AN0003D	(1200 x 100 mm)	(1067 mm)	(920 mm)	(926 mm)	5
4880AN6065B	48 x 4 in	42.0 in	36.2 in	36.5 in	WT
4000AN0003B	(1200 x 100 mm)	(1067 mm)	(920 mm)	(926 mm)	VVI
4881AN60	48 x 6 in	52.5 in	37.9 in	41.7 in	*
400 IAINOU	(1200 x 150 mm)	(1334 mm)	(962 mm)	(1060 mm)	
4881AN6085B	48 x 6 in	42.0 in	37.1 in	36.5 in	ST
4001AN0003D	(1200 x 150 mm)	(1067 mm)	(942 mm)	(926 mm)	5
4881AN6065B	48 x 6 in	42.0 in	37.1 in	36.5 in	WT
400 IAN0003B	(1200 x 150 mm)	(1067 mm)	(942 mm)	(926 mm)	VVI
4882AN60	48 x 8 in	57.8 in	39.6 in	44.3 in	*
4002AN00	(1200 x 200 mm)	(1467 mm)	(1005 mm)	(1126 mm)	
4882AN6085B	48 x 8 in	47.3 in	38.6 in	39.1 in	ST
4002AN0003D	(1200 x 200 mm)	(1200 mm)	(981 mm)	(993 mm)	5
4882AN6065B	48 x 8 in	47.3 in	38.6 in	39.1 in	WT
4002AN0003D	(1200 x 200 mm)	(1200 mm)	(981 mm)	(993 mm)	VVI
4883AN60	48 x 10 in	57.8 in	42.3 in	44.3 in	*
4003AN00	(1200 x 250 mm)	(1467 mm)	(2 mm)	(1126 mm)	
4883AN6085B	48 x 10 in	47.3 in	41.0 in	39.1 in	ST
4000/110000D	(1200 x 250 mm)	(1200 mm)	(1042 mm)	(993 mm)	01
4883AN6065B	48 x 10 in	47.3 in	41.0 in	39.9 in	WT
+000/N100000D	(1200 x 250 mm)	(1200 mm)	(1042 mm)	(1013 mm)	VVI

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





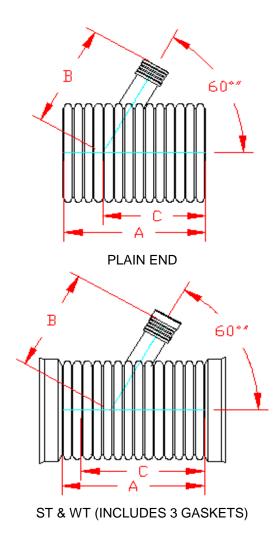
DRAWING #:	2385	
DRAWN BY:	JCB	04.20.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED 60° REDUCING WYES 48"×12" - 48"×24" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
4884AN60	48 x 12 in	63.0 in	48.2 in	47.0 in	*
100 17 11 100	(1200 x 300 mm)	(1600 mm)	(1225 mm)	(1193 mm)	
4884AN6085B	48 x 12 in	52.5 in	46.3 in	41.7 in	ST
4004/110003D	(1200 x 300 mm)	(1334 mm)	(1176 mm)	(1060 mm)	5
4884AN6065B	48 x 12 in	52.5 in	46.3 in	41.7 in	WT
4004AIN0003D	(1200 x 300 mm)	(1334 mm)	(1176 mm)	(1060 mm)	VVI
4885AN60	48 x 15 in	63.0 in	54.2 in	47.0 in	*
4000AN00	(1200 x 375 mm)	(1600 mm)	(1378 mm)	(1193 mm)	
4885AN6085B	48 x 15 in	52.5 in	51.7 in	41.7 in	ST
4000AIN0000D	(1200 x 375 mm)	(1334 mm)	(1312 mm)	(1060 mm)	31
400E A NGOGED	48 x 15 in	52.5 in	51.7 in	41.7 in	WT
4885AN6065B	(1200 x 375 mm)	(1334 mm)	(1312 mm)	(1060 mm)	VVI
4886AN60	48 x 18 in	68.3 in	55.1 in	49.6 in	*
4000AN00	(1200 x 450 mm)	(1734 mm)	(1399 mm)	(1260 mm)	
4886AN6085B	48 x 18 in	57.8 in	52.4 in	44.3 in	ST
4000AN0003B	(1200 x 450 mm)	(1467 mm)	(1330 mm)	(1126 mm)	31
4886AN6065B	48 x 18 in	57.8 in	52.4 in	44.3 in	WT
4000AIN0003D	(1200 x 450 mm)	(1467 mm)	(1330 mm)	(1126 mm)	VVI
4887AN60	48 x 24 in	78.8 in	59.3 in	54.8 in	*
4007 AINOU	(1200 x 600 mm)	(2000 mm)	(1506 mm)	(1393 mm)	
4887AN6085B	48 x 24 in	68.3 in	56.1 in	49.6 in	ST
4007 AINOU00D	(1200 x 600 mm)	(1734 mm)	(1426 mm)	(1260 mm)	5
4887AN6065B	48 x 24 in	68.3 in	56.1 in	49.6 in	WT
4007 AINOU00B	(1200 x 600 mm)	(1734 mm)	(1426 mm)	(1260 mm)	VVI

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





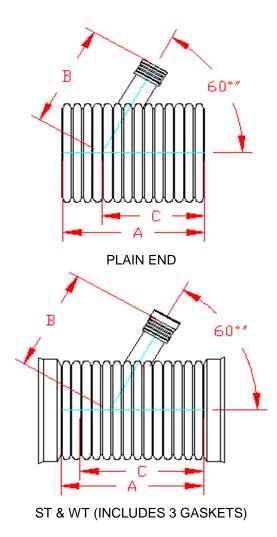
DRAWING #:	2385A	
DRAWN BY:	JCB	04.20.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED 60° REDUCING WYES 60"×4" - 60"×10" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
6080AN60	60 x 4 in	54.0 in	44.2 in	46.1 in	*
00007 11 100	(1500 x 100 mm)	(1372 mm)	(1123 mm)	(1172 mm)	
6080AN6085B	60 x 4 in	42.0 in	43.6 in	40.1 in	ST
0000/110003D	(1500 x 100 mm)	(1067 mm)	(1106 mm)	(1019 mm)	5
6080AN6065B	60 x 4 in	42.0 in	43.6 in	40.1 in	WT
0000AN0003B	(1500 x 100 mm)	(1067 mm)	(1106 mm)	(1019 mm)	VVI
6081AN60	60 x 6 in	60.0 in	45.2 in	49.1 in	*
000171100	(1500 x 150 mm)	(1524 mm)	(1148 mm)	(1248 mm)	
6081AN6085B	60 x 6 in	48.0 in	44.4 in	43.1 in	ST
000171100030	(1500 x 150 mm)	(1219 mm)	(1129 mm)	(1096 mm)	5
6081AN6065B	60 x 6 in	48.0 in	44.4 in	43.1 in	WT
000 IAN0003B	(1500 x 150 mm)	(1219 mm)	(1129 mm)	(1096 mm)	VVI
6082AN60	60 x 8 in	60.0 in	46.9 in	49.1 in	*
0002AN00	(1500 x 200 mm)	(1524 mm)	(1192 mm)	(1248 mm)	
6082AN6085B	60 x 8 in	48.0 in	46.0 in	43.1 in	ST
0002AN0003B	(1500 x 200 mm)	(1219 mm)	(1167 mm)	(1096 mm)	5
6082AN6065B	60 x 8 in	48.0 in	46.0 in	43.1 in	WT
0002AN0003B	(1500 x 200 mm)	(1219 mm)	(1167 mm)	(1096 mm)	V V I
6083AN60	60 x 10 in	66.0 in	49.6 in	52.1 in	*
0003AN00	(1500 x 250 mm)	(1676 mm)	(2 mm)	(1324 mm)	
6083AN6085B	60 x 10 in	54.0 in	48.4 in	46.1 in	ST
	(1500 x 250 mm)	(1372 mm)	(1228 mm)	(1172 mm)	31
6083AN6065B	60 x 10 in	54.0 in	48.4 in	46.1 in	WT
000071100000	(1500 x 250 mm)	(1372 mm)	(1228 mm)	(1172 mm)	V V I

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





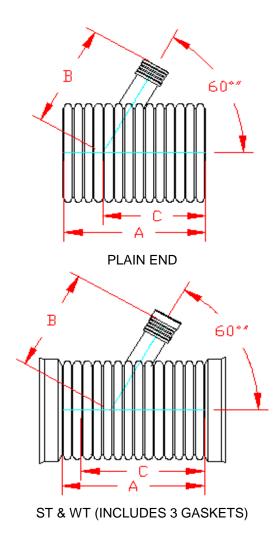
DRAWING #:	2390	
DRAWN BY:	JCB	04.20.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED 60° REDUCING WYES 60"×12" - 60"×24" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
6084AN60	60 x 12 in	66.0 in	55.6 in	52.1 in	*
	(1500 x 300 mm)	(1676 mm)	(1411 mm)	(1324 mm)	
6084AN6085B	60 x 12 in	54.0 in	53.6 in	46.1 in	ST
000-17 (I <b>1</b> 00000B	(1500 x 300 mm)	(1372 mm)	(1362 mm)	(1172 mm)	01
6084AN6065B	60 x 12 in	54.0 in	53.6 in	46.1 in	WT
0004AN0003B	(1500 x 300 mm)	(1372 mm)	(1362 mm)	(1172 mm)	VVI
6085AN60	60 x 15 in	72.0 in	61.6 in	55.1 in	*
OUOSANOU	(1500 x 375 mm)	(1829 mm)	(1564 mm)	(1400 mm)	
6085AN6085B	60 x 15 in	60.0 in	59.0 in	49.1 in	ST
0000AN0000D	(1500 x 375 mm)	(1524 mm)	(1498 mm)	(1248 mm)	31
COOFANGOGED	60 x 15 in	60.0 in	59.0 in	49.1 in	WT
6085AN6065B	(1500 x 375 mm)	(1524 mm)	(1498 mm)	(1248 mm)	VVI
6086AN60	60 x 18 in	78.0 in	62.4 in	58.1 in	*
OUOOANOU	(1500 x 450 mm)	(1981 mm)	(1585 mm)	(1477 mm)	
6086AN6085B	60 x 18 in	66.0 in	59.7 in	52.1 in	ST
0000AN0003D	(1500 x 450 mm)	(1676 mm)	(1517 mm)	(1324 mm)	01
6086AN6065B	60 x 18 in	66.0 in	59.7 in	52.1 in	WT
0000AN0003B	(1500 x 450 mm)	(1676 mm)	(1517 mm)	(1324 mm)	VVI
6087AN60	60 x 24 in	84.0 in	66.6 in	61.1 in	*
0007ANOU	(1500 x 600 mm)	(2134 mm)	(1692 mm)	(1553 mm)	
6087AN6085B	60 x 24 in	72.0 in	63.5 in	55.1 in	ST
0007 AN0000D	(1500 x 600 mm)	(1829 mm)	(1612 mm)	(1400 mm)	01
6097ANGO65D	60 x 24 in	72.0 in	63.5 in	55.1 in	WT
6087AN6065B	(1500 x 600 mm)	(1829 mm)	(1612 mm)	(1400 mm)	VVI

<sup>\* =</sup> PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





DRAWING #:	2390A	
DRAWN BY:	JCB	04.20.06
APPROVED BY:	JCB	06.26.07
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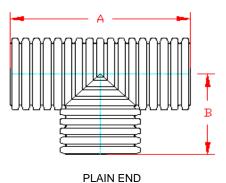
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

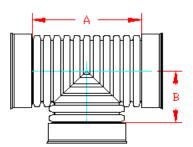
#### DUAL WALL FABRICATED TEES 4" - 30" DIAMETER

	PART#	PIPE SIZE	А	В	JOINT
**	0460AN	<b>4 in</b> (100 mm)	12.8 in (324 mm)	6.2 in (158 mm)	*
**	0661AN	6 in (150 mm)	16.5 in (419 mm)	8.1 in (207 mm)	*
**	0862AN	8 in (200 mm)	21.0 in (533 mm)	10.6 in (268 mm)	*
**	1063AN	<b>10 in</b> (250 mm)	26.0 in (660 mm)	12.6 in (320 mm)	*
	1264AN	<b>12 in</b> (300 mm)	<b>30.7 in</b> (780 mm)	15.4 in (390 mm)	*
	1264AN85B	<b>12 in</b> (300 mm)	21.1 in (536 mm)	10.6 in (268 mm)	ST
	1264AN65B	12 in (300 mm)	21.1 in (536 mm)	10.6 in (268 mm)	WT
	1565AN	<b>15 in</b> (375 mm)	38.9 in (987 mm)	19.4 in (494 mm)	*
	1565AN85B	<b>15 in</b> (375 mm)	23.3 in (592 mm)	11.7 in (296 mm)	ST
	1565AN65B	<b>15 in</b> (375 mm)	23.3 in (592 mm)	11.7 in (296 mm)	WT
	1866AN	18 in (450 mm)	<b>42.9 in</b> (1089 mm)	21.4 in (545 mm)	*
	1866AN85B	18 in (450 mm)	26.8 in (681 mm)	13.4 in (340 mm)	ST
	1866AN65B	18 in (450 mm)	26.8 in (681 mm)	13.4 in (340 mm)	WT
	2467AN	24 in (600 mm)	50.4 in (1280 mm)	25.2 in (640 mm)	*
	2467AN85B	<b>24 in</b> (600 mm)	<b>37.8 in</b> (960 mm)	18.9 in (480 mm)	ST
	2467AN65B	<b>24 in</b> (600 mm)	37.8 in (960 mm)	18.9 in (480 mm)	WT

<sup>\* =</sup> PLAIN END

ST = SOIL TIGHT WT = WATER TIGHT





ST & WT (INCLUDES 3 GASKETS)



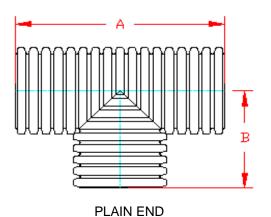
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DRAWN BY:	JCB	05.23.07
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	4/28/2016

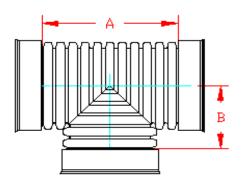
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

<sup>\*\*</sup> LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS

#### DUAL WALL FABRICATED TEES 30" - 60" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
3068AN	<b>30 in</b> (750 mm)	65.9 in (1674 mm)	33.0 in (837 mm)	*
3068AN85B	<b>30 in</b> (750 mm)	49.4 in (1256 mm)	24.7 in (628 mm)	ST
3068AN65B	<b>30 in</b> (750 mm)	49.4 in (1256 mm)	24.7 in (628 mm)	WT
3669AN	<b>36 in</b> (900 mm)	78.8 in (2000 mm)	<b>34.4 in</b> (873 mm)	*
3669AN85B	<b>36 in</b> (900 mm)	58.0 in (1473 mm)	29.0 in (737 mm)	ST
3669AN65B	<b>36 in</b> (900 mm)	58.0 in (1473 mm)	29.0 in (737 mm)	WT
4251AN	<b>42 in</b> (1050 mm)	71.9 in (1826 mm)	36.0 in (914 mm)	*
4251AN85B	<b>42 in</b> (1050 mm)	62.2 in (1580 mm)	31.1 in (790 mm)	ST
4251AN65BB	<b>42 in</b> (1050 mm)	62.2 in (1580 mm)	31.1 in (790 mm)	WT
4851AN	<b>48 in</b> (1200 mm)	78.5 in (1994 mm)	<b>39.3 in</b> (998 mm)	*
4851AN85B	<b>48 in</b> (1200 mm)	68.2 in (1733 mm)	<b>36.7 in</b> (933 mm)	ST
4851AN65BB	<b>48 in</b> (1200 mm)	68.2 in (1733 mm)	<b>36.7 in</b> (933 mm)	WT
6051AN	<b>60 in</b> (1500 mm)	90.0 in (2286 mm)	<b>45.0 in</b> (1143 mm)	*
6051AN85B	<b>60 in</b> (1500 mm)	90.0 in (2286 mm)	45.0 in (1143 mm)	ST
6051AN65BB	<b>60 in</b> (1500 mm)	90.0 in (2286 mm)	45.0 in (1143 mm)	WT





ST & WT (INCLUDES 3 GASKETS)

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT

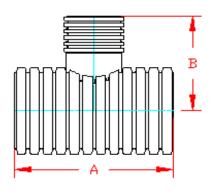
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	2400A	
DRAWN BY:	JCB	05.22.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	2/2/2010

#### DUAL WALL FABRICATED REDUCING TEES 6" × 4" - 10" × 8" DIAMETER

	PART#	PIPE SIZE	А	В	JOINT
**	0660AN	6 x 4 in (150 x 100 mm)	14.7 in (374 mm)	9.9 in (252 mm)	*
**	0860AN	8 x 4 in (200 x 100 mm)	<b>17.3 in</b> (439 mm)	11.2 in (285 mm)	*
**	0861AN	8 x 4 in (200 x 150 mm)	20.2 in (512 mm)	11.5 in (293 mm)	*
**	1060AN	10 x 4 in (250 x 100 mm)	20.2 in (512 mm)	11.3 in (286 mm)	*
**	1061AN	10 x 6 in (250 x 150 mm)	20.2 in (512 mm)	13.1 in (332 mm)	*
**	1062AN	10 x 8 in (250 x 200 mm)	22.7 in (576 mm)	15.2 in (385 mm)	*



PLAIN END

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT

\*\* LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

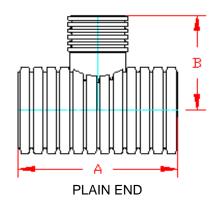


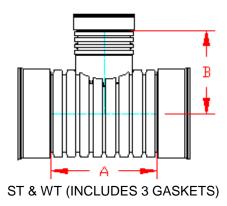
DRAWING #:	2402	
DRAWN BY:	NJP	08.31.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	2/2/2010

# DUAL WALL FABRICATED REDUCING TEES 12"x4" - 12"x10" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
1260AN	12 x 4 in (300 x 100 mm)	21.1 in (536 mm)	13.6 in (345 mm)	*
1260AN85B	12 x 4 in (300 x 100 mm)	13.4 in (341 mm)	12.3 in (312 mm)	ST
1260AN65B	12 x 4 in (300 x 100 mm)	13.4 in (341 mm)	12.3 in (312 mm)	WT
1261AN	12 x 6 in (300 x 150 mm)	23.0 in (585 mm)	14.5 in (368 mm)	*
1261AN85B	12 x 6 in (300 x 150 mm)	15.4 in (390 mm)	12.9 in (329 mm)	ST
1261AN65B	12 x 6 in (300 x 150 mm)	15.4 in (390 mm)	12.9 in (329 mm)	WT
1262AN	12 x 8 in (300 x 200 mm)	25.0 in (634 mm)	17.0 in (432 mm)	*
1262AN85B	12 x 8 in (300 x 200 mm)	17.3 in (439 mm)	15.1 in (383 mm)	ST
1262AN65B	12 x 8 in (300 x 200 mm)	17.3 in (439 mm)	15.1 in (383 mm)	WT
1263AN	12 x 10 in (300 x 250 mm)	26.9 in (683 mm)	16.4 in (416 mm)	*
1263AN85B	12 x 10 in (300 x 250 mm)	19.2 in (488 mm)	13.9 in (352 mm)	ST
1263AN65B	12 x 10 in (300 x 250 mm)	19.2 in (488 mm)	13.9 in (352 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





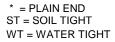


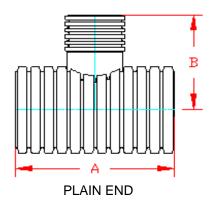
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DRAWN BY:	NJP	08.31.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07
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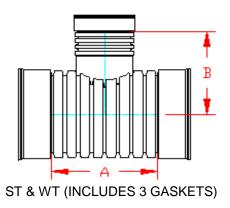
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### DUAL WALL FABRICATED REDUCING TEES 15"x4" - 15"x12 DIAMETER

PART #	PIPE SIZE	А	В	JOINT
1560AN	15 x 4 in (375 x 100 mm)	25.9 in (658 mm)	15.1 in (384 mm)	*
1560AN85B	15 x 4 in (375 x 100 mm)	15.5 in (395 mm)	13.8 in (350 mm)	ST
1560AN65B	15 x 4 in (375 x 100 mm)	15.5 in (395 mm)	13.8 in (350 mm)	WT
1561AN	15 x 6 in (375 x 150 mm)	28.5 in (724 mm)	16.1 in (409 mm)	*
1561AN85B	15 x 6 in (375 x 150 mm)	18.1 in (461 mm)	14.6 in (370 mm)	ST
1561AN65B	15 x 6 in (375 x 150 mm)	18.1 in (461 mm)	14.6 in (370 mm)	WT
1562AN	15 x 8 in (375 x 200 mm)	<b>31.1 in</b> (789 mm)	18.8 in (479 mm)	*
1562AN85B	15 x 8 in (375 x 200 mm)	20.7 in (526 mm)	16.9 in (430 mm)	ST
1562AN65B	15 x 8 in (375 x 200 mm)	20.7 in (526 mm)	16.9 in (430 mm)	WT
1563AN	15 x 10 in (375 x 250 mm)	<b>33.7 in</b> (855 mm)	18.8 in (477 mm)	*
1563AN85B	15 x 10 in (375 x 250 mm)	23.3 in (592 mm)	16.3 in (413 mm)	ST
1563AN65B	15 x 10 in (375 x 250 mm)	23.3 in (592 mm)	16.3 in (413 mm)	WT
1564AN	15 x 12 in (375 x 300 mm)	36.3 in (921 mm)	18.0 in (457 mm)	*
1564AN85B	15 x 12 in (375 x 300 mm)	25.9 in (658 mm)	14.1 in (359 mm)	ST
1564AN65B	15 x 12 in (375 x 300 mm)	25.9 in (658 mm)	<b>14.1 in</b> (359 mm)	WT









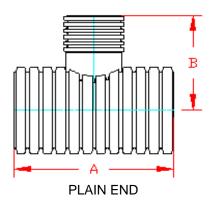
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APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

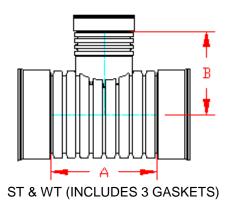
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 18"×4" - 18"×10" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
1860AN	18 x 4 in (450 x 100 mm)	26.8 in (681 mm)	16.7 in (424 mm)	*
1860AN85B	18 x 4 in (450 x 100 mm)	16.1 in (408 mm)	15.4 in (391 mm)	ST
1860AN65B	18 x 4 in (450 x 100 mm)	16.1 in (408 mm)	15.4 in (391 mm)	WT
1861AN	18 x 6 in (450 x 150 mm)	29.5 in (749 mm)	17.8 in (452 mm)	*
1861AN85B	18 x 6 in (450 x 150 mm)	18.8 in (477 mm)	16.3 in (413 mm)	ST
1861AN65B	18 x 6 in (450 x 150 mm)	18.8 in (477 mm)	16.3 in (413 mm)	WT
1862AN	18 x 8 in (450 x 200 mm)	32.2 in (817 mm)	20.7 in (525 mm)	*
1862AN85B	18 x 8 in (450 x 200 mm)	21.4 in (545 mm)	18.7 in (476 mm)	ST
1862AN65B	18 x 8 in (450 x 200 mm)	21.4 in (545 mm)	18.7 in (476 mm)	WT
1863AN	18 x 10 in (450 x 250 mm)	34.8 in (885 mm)	20.8 in (529 mm)	*
1863AN85B	18 x 10 in (450 x 250 mm)	24.1 in (613 mm)	18.3 in (465 mm)	ST
1863AN65B	18 x 10 in (450 x 250 mm)	24.1 in (613 mm)	18.3 in (465 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







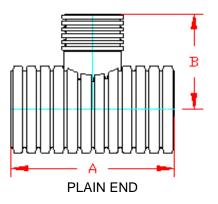
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DRAWN BY:	JCB	04.30.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

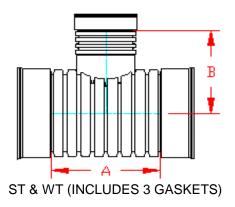
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### DUAL WALL FABRICATED REDUCING TEES 18"×12" - 18"×15" DIAMETER

PART#	PIPE SIZE	А	В	JOINT
1864AN	18 x 12 in (450 x 300 mm)	<b>37.5 in</b> (953 mm)	19.3 in (490 mm)	*
1864AN85B	18 x 12 in (450 x 300 mm)	26.8 in (681 mm)	15.5 in (393 mm)	ST
1864AN65B	18 x 12 in (450 x 300 mm)	26.8 in (681 mm)	15.5 in (393 mm)	WT
1865AN	18 x 15 in (450 x 375 mm)	<b>40.2 in</b> (1021 mm)	22.8 in (578 mm)	*
1865AN85B	18 x 15 in (450 x 1375mm)	29.5 in (749 mm)	17.6 in (446 mm)	ST
1865AN65B	18 x 15 in (450 x 375 mm)	29.5 in (749 mm)	17.6 in (446 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







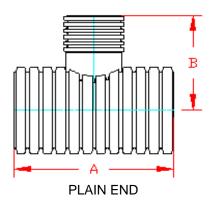
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APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07
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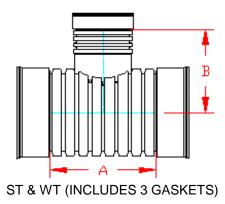
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 24"×4" - 24"×10" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
2460AN	24 x 4 in (600 x 100 mm)	31.5 in (800 mm)	19.8 in (503 mm)	*
2460AN85B	24 x 4 in (600 x 100 mm)	18.9 in (480 mm)	18.5 in (469 mm)	ST
2460AN65B	24 x 4 in (600 x 100 mm)	18.9 in (480 mm)	18.5 in (469 mm)	WT
2461AN	24 x 6 in (600 x 150 mm)	34.7 in (880 mm)	21.0 in (533 mm)	*
2461AN85B	24 x 6 in (600 x 150 mm)	22.1 in (560 mm)	19.4 in (494 mm)	ST
2461AN65B	24 x 6 in (600 x 150 mm)	22.1 in (560 mm)	19.4 in (494 mm)	WT
2462AN	24 x 8 in (600 x 200 mm)	34.7 in (880 mm)	24.0 in (609 mm)	*
2462AN85B	24 x 8 in (600 x 200 mm)	22.1 in (560 mm)	22.0 in (560 mm)	ST
2462AN65B	24 x 8 in (600 x 200 mm)	22.1 in (560 mm)	22.0 in (560 mm)	WT
2463AN	24 x 10 in (600 x 250 mm)	37.8 in (960 mm)	24.3 in (618 mm)	*
2463AN85B	24 x 10 in (600 x 250 mm)	25.2 in (640 mm)	21.8 in (554 mm)	ST
2463AN65B	24 x 10 in (600 x 250 mm)	25.2 in (640 mm)	21.8 in (554 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







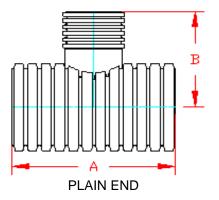
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APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

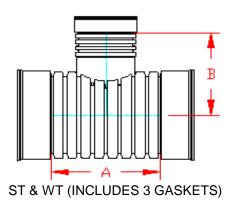
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 24"×12" - 24"×18" DIAMETER

PART#	PIPE SIZE	А	В	JOINT
2464AN	24 x 12 in (600 x 300 mm)	41.0 in (1040 mm)	23.1 in (587 mm)	*
2464AN85B	24 x 12 in (600 x 300 mm)	28.4 in (720 mm)	19.3 in (489 mm)	ST
2464AN65B	24 x 12 in (600 x 300 mm)	28.4 in (720 mm)	19.3 in (489 mm)	WT
2465AN	24 x 15 in (600 x 375 mm)	<b>44.1 in</b> (1120 mm)	26.6 in (674 mm)	*
2465AN85B	24 x 15 in (600 x 375 mm)	31.5 in (800 mm)	21.4 in (543 mm)	ST
2465AN65B	24 x 15 in (600 x 375 mm)	31.5 in (800 mm)	21.4 in (543 mm)	WT
2466AN	24 x 18 in (600 x 450 mm)	47.3 in (1200 mm)	26.6 in (674 mm)	*
2466AN85B	24 x 18 in (600 x 450 mm)	<b>34.7 in</b> (880 mm)	21.2 in (538 mm)	ST
2466AN65B	24 x 18 in (600 x 450 mm)	34.7 in (880 mm)	21.2 in (538 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







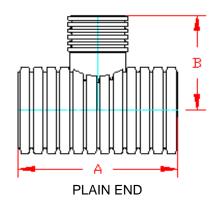
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APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

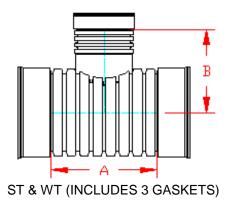
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 30"×4" - 30"×10" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
3060AN	30 x 4 in (750 x 100 mm)	41.2 in (1046 mm)	23.8 in (604 mm)	*
3060AN85B	30 x 4 in (750 x 100 mm)	24.7 in (627 mm)	22.5 in (571 mm)	ST
3060AN65B	30 x 4 in (750 x 100 mm)	24.7 in (627 mm)	22.5 in (571 mm)	WT
3061AN	30 x 6 in (750 x 150 mm)	41.2 in (1046 mm)	25.0 in (636 mm)	*
3061AN85B	30 x 6 in (750 x 150 mm)	24.7 in (628 mm)	23.5 in (596 mm)	ST
3061AN65B	30 x 6 in (750 x 150 mm)	24.7 in (628 mm)	23.5 in (596 mm)	WT
3062AN	<b>30 x 8 in</b> (750 x 200 mm)	<b>45.3 in</b> (1151 mm)	27.1 in (688 mm)	*
3062AN85B	30 x 8 in (750 x 200 mm)	28.8 in (733 mm)	25.2 in (639 mm)	ST
3062AN65B	30 x 8 in (750 x 200 mm)	28.8 in (733 mm)	25.2 in (639 mm)	WT
3063AN	30 x 10 in (750 x 250 mm)	45.3 in (1151 mm)	27.6 in (700 mm)	*
3063AN85B	30 x 10 in (750 x 250 mm)	28.8 in (733 mm)	27.0 in (687 mm)	ST
3063AN65B	30 x 10 in (750 x 250 mm)	28.8 in (733 mm)	25.0 in (636 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







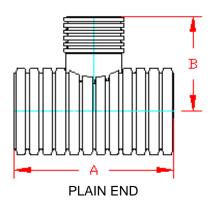
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REVISIONS:	NJP	06.14.07

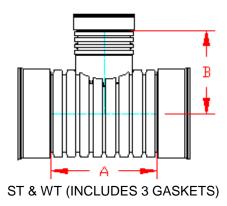
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 30"×12" - 30"×24" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
3064AN	30 x 12 in (750 x 300 mm)	49.4 in (1256 mm)	26.8 in (679 mm)	*
3064AN85B	30 x 12 in (750 x 300 mm)	33.0 in (837 mm)	22.9 in (582 mm)	ST
3064AN65B	30 x 12 in (750 x 300 mm)	33.0 in (837 mm)	22.9 in (582 mm)	WT
3065AN	30 x 15 in (750 x 375 mm)	53.6 in (1360 mm)	30.2 in (767 mm)	*
3065AN85B	30 x 15 in (750 x 1375mm)	37.1 in (942 mm)	25.0 in (636 mm)	ST
3065AN65B	30 x 15 in (750 x 375 mm)	37.1 in (942 mm)	25.0 in (636 mm)	WT
3066AN	30 x 18 in (750 x 450 mm)	<b>57.7 in</b> (1465 mm)	30.2 in (767 mm)	*
3066AN85B	30 x 18 in (750 x 450 mm)	41.2 in (1046 mm)	24.8 in (631 mm)	ST
3066AN65B	30 x 18 in (750 x 450 mm)	41.2 in (1046 mm)	24.8 in (631 mm)	WT
3067AN	30 x 24 in (750 x 600 mm)	61.8 in (1570 mm)	33.1 in (841 mm)	*
3067AN85B	30 x 24 in (750 x 600 mm)	<b>45.3 in</b> (1151 mm)	26.8 in (681 mm)	ST
3067AN65B	30 x 24 in (750 x 600 mm)	45.3 in (1151 mm)	26.8 in (681 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







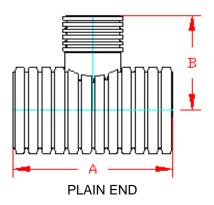
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REVISIONS:	NJP	06.14.07

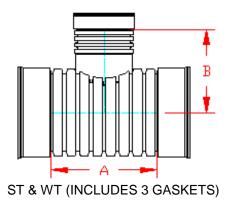
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 36"×4" - 36"×10" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
3660AN	36 x 4 in (900 x 100 mm)	<b>36.8 in</b> (933 mm)	26.8 in (681 mm)	*
3660AN85B	36 x 4 in (900 x 100 mm)	15.8 in (400 mm)	24.8 in (631 mm)	ST
3660AN65B	36 x 4 in (900 x 100 mm)	15.8 in (400 mm)	24.8 in (631 mm)	WT
3661AN	36 x 6 in (900 x 150 mm)	42.0 in (1067 mm)	28.1 in (713 mm)	*
3661AN85B	36 x 6 in (900 x 150 mm)	21.0 in (533 mm)	25.8 in (655 mm)	ST
3661AN65B	36 x 6 in (900 x 150 mm)	21.0 in (533 mm)	25.8 in (655 mm)	WT
3662AN	36 x 8 in (900 x 200 mm)	42.0 in (1067 mm)	30.2 in (767 mm)	*
3662AN85B	36 x 8 in (900 x 200 mm)	21.0 in (533 mm)	27.3 in (694 mm)	ST
3662AN65	36 x 8 in (900 x 200 mm)	21.0 in (533 mm)	27.3 in (694 mm)	WT
3663AN	36 x 10 in (900 x 250 mm)	47.3 in (1200 mm)	30.7 in (781 mm)	*
3663AN85B	36 x 10 in (900 x 250 mm)	26.3 in (667 mm)	27.0 in (685 mm)	ST
3663AN65B	36 x 10 in (900 x 250 mm)	26.3 in (667 mm)	27.0 in (685 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





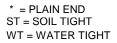


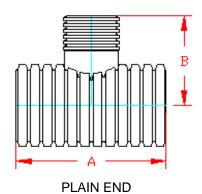
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DRAWN BY:	NJP	09.19.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

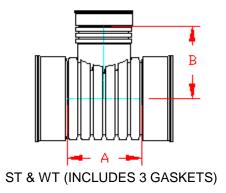
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 36"×12" - 36"×30" DIAMETER

PART#	PIPE SIZE	А	В	JOINT
3664AN	36 x 12 in (900 x 300 mm)	47.3 in (1200 mm)	30.1 in (764 mm)	*
3664AN85B	36 x 12 in (900 x 300 mm)	26.3 in (667 mm)	24.3 in (618 mm)	ST
3664AN65B	36 x 12 in (900 x 300 mm)	26.3 in (667 mm)	24.3 in (618 mm)	WT
3665AN	36 x 15 in (900 x 375 mm)	52.5 in (1334 mm)	33.5 in (852 mm)	*
3665AN85B	36 x 15 in (900 x 1375mm)	31.5 in (800 mm)	25.8 in (655 mm)	ST
3665AN65B	36 x 15 in (900 x 375 mm)	31.5 in (800 mm)	25.8 in (655 mm)	WT
3666AN	36 x 18 in (900 x 450 mm)	57.8 in (1467 mm)	33.5 in (852 mm)	*
3666AN85B	36 x 18 in (900 x 450mm)	<b>36.8 in</b> (933 mm)	25.5 in (648 mm)	ST
3666AN65B	36 x 18 in (900 x 450 mm)	36.8 in (933 mm)	25.5 in (648 mm)	WT
3667AN	36 x 24 in (900 x 600 mm)	63.0 in (1600 mm)	36.4 in (926 mm)	*
3667AN85B	36 x 24 in (900 x 600mm)	42.0 in (1067 mm)	27.0 in (686 mm)	ST
3667AN65B	36 x 24 in (900 x 600 mm)	42.0 in (1067 mm)	27.0 in (686 mm)	WT
3668AN	36 x 30 in (900 x 750 mm)	68.3 in (1734 mm)	<b>37.4 in</b> (949 mm)	*
3668AN85B	36 x 30 in (900 x 750mm)	47.3 in (1200 mm)	25.0 in (635 mm)	ST
3668AN65B	36 x 30 in (900 x 750 mm)	47.3 in (1200 mm)	25.0 in (635 mm)	WT







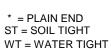


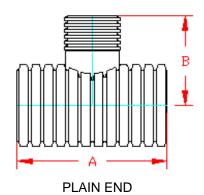
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DRAWN BY:	JCB	04.30.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07
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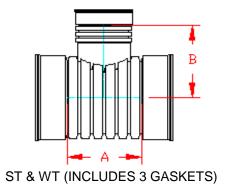
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 42"×4" - 42"×12" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
4260AN	42 x 4 in	36.3 in (923 mm)	29.5 in (750 mm)	*
4260AN85B	(1050 x 100 mm) 42 x 4 in	15.6 in	27.6 in	ST
4260AN65B	(1050 x 100 mm) 42 x 4 in	(395 mm) 15.6 in	(700 mm) 27.6 in	WT
4200AN00D	(1050 x 100 mm)	(395 mm)	(700 mm)	VVI
4261AN	42 x 6 in (1050 x 150 mm)	41.5 in (1055 mm)	30.8 in (783 mm)	*
4261AN85B	42 x 6 in (1050 x 150 mm)	20.8 in (527 mm)	28.5 in (724 mm)	ST
4261AN65B	42 x 6 in (1050 x 150 mm)	20.8 in (527 mm)	28.5 in (724 mm)	WT
4262AN	42 x 8 in	41.5 in	33.0 in	*
4262AN85B	(1050 x 200 mm) 42 x 8 in (1050 x 200 mm)	(1055 mm) 20.8 in (527 mm)	(837 mm) 30.1 in (764 mm)	ST
4262AN65B	42 x 8 in (1050 x 200 mm)	20.8 in (527 mm)	30.1 in (764 mm)	WT
4263AN	42 x 10 in (1050 x 250 mm)	46.7 in (1186 mm)	33.6 in (852 mm)	*
4263AN85B	42 x 10 in (1050 x 250 mm)	26.0 in (659 mm)	29.8 in (756 mm)	ST
4263AN65B	42 x 10 in (1050 x 250 mm)	26.0 in (659 mm)	29.8 in (756 mm)	WT
4264AN	42 x 12 in (1050 x 300 mm)	<b>46.7 in</b> (1186 mm)	<b>33.2 in</b> (843 mm)	*
4264AN85B	42 x 12 in (1050 x 300 mm)	26.0 in (659 mm)	27.4 in (696 mm)	ST
4264AN65B	42 x 12 in (1050 x 300 mm)	26.0 in (659 mm)	27.4 in (696 mm)	WT







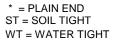


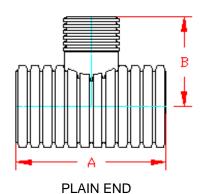
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DRAWN BY:	JCB	04.30.06
APPROVED BY:		06.26.07
REVISIONS:	NJP	06.14.07

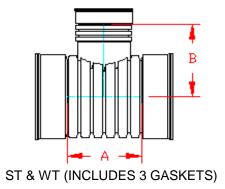
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 42"×15" - 42"×36" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
4265AN	42 x 15 in (1050 x 375 mm)	51.9 in (1318 mm)	<b>36.6 in</b> (930 mm)	*
4265AN85B	42 x 15 in (1050 x 375mm)	31.1 in (791 mm)	28.9 in (733 mm)	ST
4265AN65B	42 x 15 in (1050 x 375 mm)	31.1 in (791 mm)	28.9 in (733 mm)	WT
4266AN	42 x 18 in (1050 x 450 mm)	<b>57.1 in</b> (1450 mm)	<b>36.6 in</b> (930 mm)	*
4266AN85B	42 x 18 in (1050 x 450mm)	<b>36.3 in</b> (923 mm)	28.6 in (726 mm)	ST
4266AN65	42 x 18 in (1050 x 450 mm)	<b>36.3 in</b> (923 mm)	28.6 in (726 mm)	WT
4267AN	42 x 24 in (1050 x 600 mm)	62.3 in (1582 mm)	39.5 in (1004 mm)	*
4267AN85B	42 x 24 in (1050 x 600 mm)	<b>41.5 in</b> (1055 mm)	30.1 in (764 mm)	ST
4267AN65B	42 x 24 in (1050 x 600 mm)	41.5 in (1055 mm)	30.1 in (764 mm)	WT
4268AN	42 x 30 in (1050 x 750 mm)	67.5 in (1714 mm)	<b>40.5 in</b> (1029 mm)	*
4268AN85B	42 x 30 in (1050 x 750 mm)	<b>46.7 in</b> (1187 mm)	28.1 in (715 mm)	ST
4268AN65B	42 x 30 in (1050 x 750 mm)	46.7 in (1187 mm)	28.1 in (715 mm)	WT
4269AN	42 x 36 in (1050 x 900 mm)	77.9 in (1977 mm)	<b>44.5 in</b> (1131 mm)	*
4269AN85B	42 x 36 in (1050 x 900 mm)	<b>57.1 in</b> (1450 mm)	28.8 in (731 mm)	ST
4269AN65B	42 x 36 in (1050 x 900 mm)	<b>57.1 in</b> (1450 mm)	28.8 in (731 mm)	WT









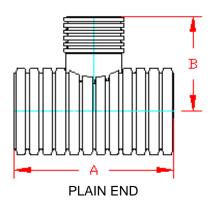
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DRAWN BY:	NJP	09.19.06
APPROVED BY:		06.26.07
REVISIONS:	NJP	06.14.07

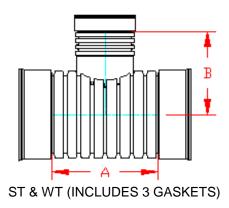
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 48"×4" - 48"×10" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
4860AN	48 x 4 in (1200 x 100 mm)	<b>36.8 in</b> (933 mm)	<b>32.7 in</b> (829 mm)	*
4860AN85B	48 x 4 in (1200 x 100 mm)	15.8 in (400 mm)	30.7 in (779 mm)	ST
4860AN65B	48 x 4 in (1200 x 100 mm)	15.8 in (400 mm)	30.7 in (779 mm)	WT
4861AN	48 x 6 in (1200 x 150 mm)	42.0 in (1067 mm)	34.0 in (863 mm)	*
4861AN85B	48 x 6 in (1200 x 150 mm)	21.0 in (533 mm)	31.7 in (804 mm)	ST
4861AN65B	48 x 6 in (1200 x 150 mm)	21.0 in (533 mm)	31.7 in (804 mm)	WT
4862AN	48 x 8 in (1200 x 200 mm)	42.0 in (1067 mm)	36.1 in (918 mm)	*
4862AN85B	48 x 8 in (1200 x 200 mm)	21.0 in (533 mm)	33.3 in (845 mm)	ST
4862AN65B	48 x 8 in (1200 x 200 mm)	21.0 in (533 mm)	33.3 in (845 mm)	WT
4863AN	48 x 10 in (1200 x 250 mm)	47.3 in (1200 mm)	36.8 in (933 mm)	*
4863AN85B	48 x 10 in (1200 x 250 mm)	26.3 in (667 mm)	33.0 in (837 mm)	ST
4863AN65B	48 x 10 in (1200 x 250 mm)	26.3 in (667 mm)	33.0 in (837 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







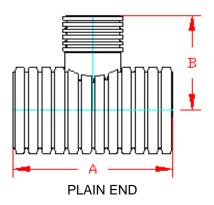
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DRAWN BY:	JCB	05.01.06
APPROVED BY:	JCB	07.16.07
REVISIONS:	JCB	07.16.07

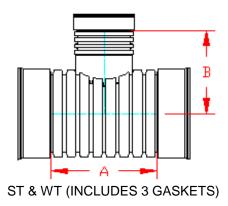
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 48"×12" - 48"×24" DIAMETER

PART#	PIPE SIZE	А	В	JOINT
4864AN	48 x 12 in (1200 x 300 mm)	47.3 in (1200 mm)	<b>36.2 in</b> (919 mm)	*
4864AN85B	48 x 12 in (1200 x 300 mm)	26.3 in (667 mm)	30.4 in (773 mm)	ST
4864AN65B	48 x 12 in (1200 x 300 mm)	26.3 in (667 mm)	30.4 in (773 mm)	WT
4865AN	48 x 15 in (1200 x 375 mm)	52.5 in (1334 mm)	39.6 in (1007 mm)	*
4865AN85B	48 x 15 in (1200 x 375mm)	31.5 in (800 mm)	31.9 in (809 mm)	ST
4865AN65B	48 x 15 in (1200 x 375 mm)	31.5 in (800 mm)	31.9 in (809 mm)	WT
4866AN	48 x 18 in (1200 x 450 mm)	57.8 in (1467 mm)	39.6 in (1007 mm)	*
4866AN85B	48 x 18 in (1200 x 450mm)	<b>36.8 in</b> (933 mm)	31.6 in (802 mm)	ST
4866AN65B	48 x 18 in (1200 x 450 mm)	<b>36.8 in</b> (933 mm)	31.6 in (802 mm)	WT
4867AN	48 x 24 in (1200 x 600 mm)	63.0 in (1600 mm)	<b>42.5 in</b> (1080 mm)	*
4867AN85B	48 x 24 in (1200 x 600mm)	42.0 in (1067 mm)	<b>33.1 in</b> (840 mm)	ST
4867AN65B	48 x 24 in (1200 x 600 mm)	42.0 in (1067 mm)	33.1 in (840 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







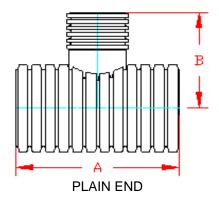
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DRAWN BY:	JCB	05.01.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

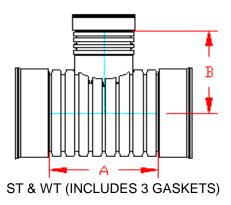
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 48"×30" - 48"×42" DIAMETER

PART#	PIPE SIZE	А	В	JOINT
4868AN	48 x 30 in (1200 x 750 mm)	68.3 in (1734 mm)	43.5 in (1105 mm)	*
4868AN85B	48 x 30 in (1200 x 750mm)	47.3 in (1200 mm)	31.1 in (791 mm)	ST
4868AN65B	48 x 30 in (1200 x 750 mm)	47.3 in (1200 mm)	31.1 in (791 mm)	WT
4869AN	48 x 36 in (1200 x 900 mm)	<b>73.5 in</b> (1867 mm)	<b>47.5 in</b> (1208 mm)	*
4869AN85B	48 x 36 in (1200 x 900 mm)	<b>52.5 in</b> (1334 mm)	31.8 in (807 mm)	ST
4869AN65B	48 x 36 in (1200 x 900 mm)	<b>52.5 in</b> (1334 mm)	31.8 in (807 mm)	WT
4840AN	48 x 42 in (1200 x 1050 mm)	84.0 in (2134 mm)	<b>47</b> .8 in (1214 mm)	*
4840AN85B	48 x 42 in (1200 x 1050 mm)	63.0 in (1600 mm)	32.2 in (819 mm)	ST
4840AN65B	48 x 42 in (1200 x 1050 mm)	63.0 in (1600 mm)	<b>32.2 in</b> (819 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







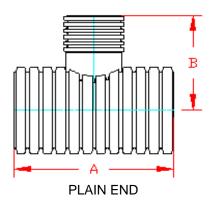
DRAWING #:	2440B	
DRAWN BY:	JCB	05.01.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

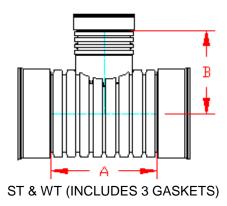
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 60"×4" - 60"×10" DIAMETER

PART#	PIPE SIZE	А	В	JOINT
6060AN	60 x 4 in (1500 x 100 mm)	42.0 in (1067 mm)	39.0 in (991 mm)	*
6060AN85B	60 x 4 in (1500 x 100 mm)	18.0 in (457 mm)	37.0 in (940 mm)	ST
6060AN65B	60 x 4 in (1500 x 100 mm)	18.0 in (457 mm)	37.0 in (940 mm)	WT
6061AN	60 x 6 in (1500 x 150 mm)	48.0 in (1219 mm)	40.3 in (1024 mm)	*
6061AN85B	60 x 6 in (1500 x 150 mm)	24.0 in (610 mm)	38.0 in (965 mm)	ST
6061AN65B	60 x 6 in (1500 x 150 mm)	24.0 in (610 mm)	38.0 in (965 mm)	WT
6062AN	60 x 8 in (1500 x 200 mm)	48.0 in (1219 mm)	<b>42.5 in</b> (1079 mm)	*
6062AN85B	60 x 8 in (1500 x 200 mm)	24.0 in (610 mm)	39.6 in (1006 mm)	ST
6062AN65B	60 x 8 in (1500 x 200 mm)	24.0 in (610 mm)	39.6 in (1006 mm)	WT
6063AN	60 x 10 in (1500 x 250 mm)	48.0 in (1219 mm)	43.1 in (1095 mm)	*
6063AN85B	60 x 10 in (1500 x 250 mm)	24.0 in (610 mm)	39.3 in (999 mm)	ST
6063AN65B	60 x 10 in (1500 x 250 mm)	24.0 in (610 mm)	39.3 in (999 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







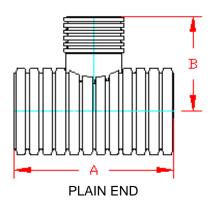
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DRAWN BY:	JCB	05.01.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

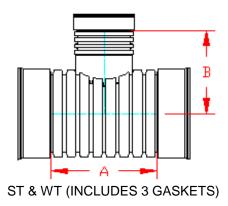
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 60"×12" - 60"×24" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
6064AN	60 x 12 in (1500 x 300 mm)	54.0 in (1372 mm)	<b>42.5 in</b> (1080 mm)	*
6064AN85B	60 x 12 in (1500 x 300 mm)	30.0 in (762 mm)	36.8 in (934 mm)	ST
6064AN65B	60 x 12 in (1500 x 300 mm)	30.0 in (762 mm)	36.8 in (934 mm)	WT
6065AN	60 x 15 in (1500 x 375 mm)	54.0 in (1372 mm)	46.0 in (1168 mm)	*
6065AN85B	60 x 15 in (1500 x 375mm)	30.0 in (762 mm)	38.2 in (971 mm)	ST
6065AN65B	60 x 15 in (1500 x 375 mm)	30.0 in (762 mm)	38.2 in (971 mm)	WT
6066AN	60 x 18 in (1500 x 450 mm)	60.0 in (1524 mm)	46.0 in (1168 mm)	*
6066AN85B	60 x 18 in (1500 x 450mm)	36.0 in (914 mm)	37.9 in (964 mm)	ST
6066AN65B	60 x 18 in (1500 x 450 mm)	36.0 in (914 mm)	37.9 in (964 mm)	WT
6067AN	60 x 24 in (1500 x 600 mm)	66.0 in (1676 mm)	48.9 in (1242 mm)	*
6067AN85B	60 x 24 in (1500 x 600mm)	42.0 in (1067 mm)	39.4 in (1002 mm)	ST
6067AN65B	60 x 24 in (1500 x 600 mm)	42.0 in (1067 mm)	39.4 in (1002 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







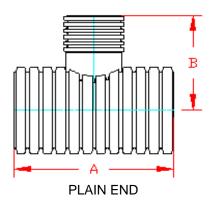
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APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.14.07

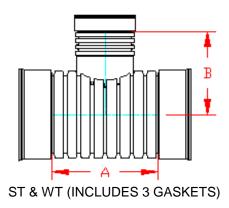
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCING TEES 60"×30" - 60"×48" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
6068AN	60 x 30 in (1500 x 750 mm)	<b>72.0 in</b> (1829 mm)	49.9 in (1266 mm)	*
6068AN85B	60 x 30 in (1500 x 750 mm)	48.0 in (1219 mm)	<b>37.5 in</b> (952 mm)	ST
6068AN65B	60 x 30 in (1500 x 750 mm)	48.0 in (1219 mm)	37.5 in (952 mm)	WT
6069AN	60 x 36 in (1500 x 900 mm)	78.0 in (1981 mm)	53.9 in (1369 mm)	*
6069AN85B	60 x 36 in (1500 x 900 mm)	54.0 in (1372 mm)	<b>37.1 in</b> (943 mm)	ST
6069AN65B	60 x 36 in (1500 x 900 mm)	54.0 in (1372 mm)	38.1 in (969 mm)	WT
6040AN	60 x 42 in (1500 x 1050 mm)	84.0 in (2134 mm)	54.2 in (1375 mm)	*
6040AN85B	60 x 42 in (1500 x 1050 mm)	60.0 in (1524 mm)	38.6 in (980 mm)	ST
6040AN65B	60 x 42 in (1500 x 1050 mm)	60.0 in (1524 mm)	38.6 in (980 mm)	WT
6041AN	60 x 48 in (1500 x 1200 mm)	90.0 in (2286 mm)	<b>57.2 in</b> (1452 mm)	*
6041AN85B	60 x 48 in (1500 x 1200 mm)	66.0 in (1676 mm)	<b>41.4 in</b> (1052 mm)	ST
6041AN65B	60 x 48 in (1500 x 1200 mm)	66.0 in (1676 mm)	41.4 in (1052 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT







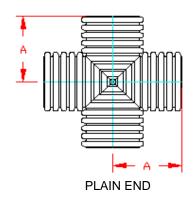
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DRAWN B'	Y:	JCB	05.01.06
APPROVED B'	Y:	JCB	06.26.07
REVISION	S:	NJP	06.14.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### DUAL WALL FABRICATED CROSS TEE 4" - 24" DIAMETER

PART #	PIPE SIZE	А	JOINT
0430AN	<b>4 in</b> (100 mm)	4.9 in (125 mm)	*
0631AN	6 in (150 mm)	7.0 in (177 mm)	*
0832AN	8 in (200 mm)	8.6 in (219 mm)	*
1033AN	<b>10 in</b> (250 mm)	12.0 in (304 mm)	*
1234AN	12 in (300 mm)	16.3 in (415 mm)	*
1535AN	<b>15 in</b> (375 mm)	19.4 in (494 mm)	*
1836AN	18 in (450 mm)	24.1 in (613 mm)	*
2437AN	24 in (600 mm)	29.9 in (760 mm)	*

<sup>\* =</sup> PLAIN END



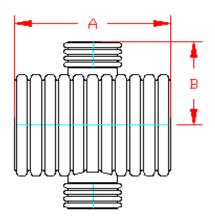


DRAWING #:	2450	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	4/28/2016

#### SMALL DIAMETER DUAL WALL FABRICATED REDUCING CROSS TEES 6" X 4" - 12" X 10" DIAMETER

#### **REDUCING CROSS TEES**

	PART #	PIPE SIZE	А	В	С	JOINT
**	0630AN	6 x 4 in (150 x 100 mm)	<b>14.7 in</b> (374 mm)	9.9 in (252 mm)	<b>14.7 in</b> (374 mm)	*
**	0830AN	8 x 4 in (200 x 100 mm)	17.3 in (439 mm)	11.2 in (285 mm)	17.3 in (439 mm)	*
**	0831AN	8 x 6 in (200 x 150 mm)	20.2 in (512 mm)	11.5 in (293 mm)	20.2 in (512 mm)	*
**	1030AN	10 x 4 in (250 x 100 mm)	20.2 in (512 mm)	11.3 in (286 mm)	20.2 in (512 mm)	*
**	1031AN	10 x 6 in (250 x 150 mm)	20.2 in (512 mm)	13.1 in (332 mm)	20.2 in (512 mm)	*
**	1032AN	10 x 8 in (250 x 200 mm)	22.7 in (576 mm)	15.2 in (385 mm)	22.7 in (576 mm)	*
	1230AN	12 x 4 in (300 x 100 mm)	30.7 in (780 mm)	13.6 in (345 mm)	30.7 in (780 mm)	*
	1231AN	12 x 6 in (300 x 150 mm)	30.7 in (780 mm)	14.5 in (368 mm)	30.7 in (780 mm)	*
	1232AN	12 x 8 in (300 x 200 mm)	30.7 in (780 mm)	17.0 in (432 mm)	30.7 in (780 mm)	*
	1233AN	12 x 10 in (300 x 250 mm)	<b>30.7 in</b> (780 mm)	16.4 in (416 mm)	30.7 in (780 mm)	*



\* = PLAIN END

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



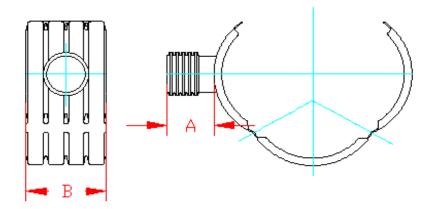
DRAWING #:	2455	
DRAWN BY:	JCB	05.09.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	1/29/2010

<sup>\*\*</sup> LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS

#### DUAL WALL FABRICATED REDUCING SADDLE TEE 8" - 15" DIAMETER

	PART #	PIPE SIZE	Α	В
**	0044 A N	8 x 4 in	6.4 in	6.0 in
	0841AN	(200 x 100 mm)	(163 mm)	(152 mm)
**	0841AN	8 x 6 in	7.8 in	6.0 in
	004 IAN	(200 x 150 mm)	(198 mm)	(152 mm)
**	1040AN	10 x 4 in	6.2 in	5.5 in
	1040AIN	(250 x 100 mm)	(157 mm)	(140 mm)
**	1041AN	10 x 6 in	7.7 in	11.0 in
	1041AN	(250 x 150 mm)	(196 mm)	(279 mm)
**	1042AN	10 x 8 in	11.0 in	11.0 in
	1042AIN	(250 x 200 mm)	(279 mm)	(279 mm)
	1240AN	12 x 4 in	5.8 in	7.8 in
	1240AN	12 x 4 in (300 x 100 mm)	(147 mm)	7.8 in (197 mm)
		(300 x 100 mm) 12 x 6 in	(147 mm) 7.2 in	(197 mm) 7.8 in
	1240AN 1241AN	(300 x 100 mm)	(147 mm)	(197 mm)
	1241AN	(300 x 100 mm) 12 x 6 in	(147 mm) 7.2 in	(197 mm) 7.8 in
		(300 x 100 mm) 12 x 6 in (300 x 150 mm)	(147 mm) 7.2 in (183 mm)	(197 mm) 7.8 in (197 mm) 15.8 in (400 mm)
	1241AN 1242AN	(300 x 100 mm) 12 x 6 in (300 x 150 mm) 12 x 8 in	(147 mm) 7.2 in (183 mm) 10.6 in	(197 mm) 7.8 in (197 mm) 15.8 in
	1241AN	(300 x 100 mm) 12 x 6 in (300 x 150 mm) 12 x 8 in (300 x 200 mm) 15 x 4 in (375 x 100 mm)	(147 mm) 7.2 in (183 mm) 10.6 in (269 mm) 5.7 in (145 mm)	(197 mm) 7.8 in (197 mm) 15.8 in (400 mm) 10.5 in (267 mm)
	1241AN 1242AN 1540AN	(300 x 100 mm) 12 x 6 in (300 x 150 mm) 12 x 8 in (300 x 200 mm) 15 x 4 in (375 x 100 mm) 15 x 6 in	(147 mm) 7.2 in (183 mm) 10.6 in (269 mm) 5.7 in (145 mm) 7.1 in	(197 mm) 7.8 in (197 mm) 15.8 in (400 mm) 10.5 in (267 mm) 10.5 in
	1241AN 1242AN	(300 x 100 mm) 12 x 6 in (300 x 150 mm) 12 x 8 in (300 x 200 mm) 15 x 4 in (375 x 100 mm)	(147 mm) 7.2 in (183 mm) 10.6 in (269 mm) 5.7 in (145 mm) 7.1 in (180 mm)	(197 mm) 7.8 in (197 mm) 15.8 in (400 mm) 10.5 in (267 mm) 10.5 in (267 mm)
	1241AN 1242AN 1540AN 1541AN	(300 x 100 mm) 12 x 6 in (300 x 150 mm) 12 x 8 in (300 x 200 mm) 15 x 4 in (375 x 100 mm) 15 x 6 in (375 x 150 mm) 15 x 8 in	(147 mm) 7.2 in (183 mm) 10.6 in (269 mm) 5.7 in (145 mm) 7.1 in (180 mm) 10.4 in	(197 mm) 7.8 in (197 mm) 15.8 in (400 mm)  10.5 in (267 mm) 10.5 in (267 mm)
	1241AN 1242AN 1540AN	(300 x 100 mm) 12 x 6 in (300 x 150 mm) 12 x 8 in (300 x 200 mm) 15 x 4 in (375 x 100 mm) 15 x 6 in (375 x 150 mm)	(147 mm) 7.2 in (183 mm) 10.6 in (269 mm) 5.7 in (145 mm) 7.1 in (180 mm)	(197 mm) 7.8 in (197 mm) 15.8 in (400 mm) 10.5 in (267 mm) 10.5 in (267 mm)

<sup>\*\*</sup> LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS



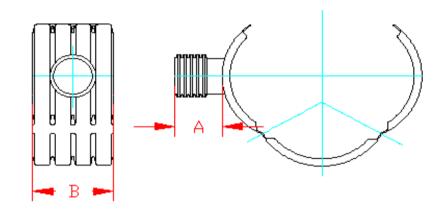


DRAWING #:	2460	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	5/19/2010

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY
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#### DUAL WALL FABRICATED REDUCING SADDLE TEE 18" - 24" DIAMETER

PART #	PIPE SIZE	А	В
1840AN	18 x 4	5.4 in	10.5 in
10 107 111	(450 x 100 mm)	(137 mm)	(267 mm)
1841AN	18 x 6	6.8 in	10.5 in
1041/10	(450 x 150 mm)	(173 mm)	(267 mm)
1842AN	18 x 8	10.2 in	10.5 in
1042/11	(450 x 200 mm)	(259 mm)	(267 mm)
2140AN	21 x 4	5.1 in	12.0 in
2140AN	(525 x 100 mm)	(130 mm)	(305 mm)
2141AN	21 x 6	6.5 in	12.0 in
2141AN	(525 x 150 mm)	(165 mm)	(305 mm)
2142AN	21 x 8	9.9 in	12.0 in
2142/11	(525 x 200 mm)	(251 mm)	(305 mm)
2143AN	21 x 10 in	10.7 in	12.0 in
2140/11	(525 x 250 mm)	(272 mm)	(305 mm)
2440AN	24 x 4 in	5.1 in	12.6 in
2440AN	(600 x 100 mm)	(130 mm)	(321 mm)
2441AN	24 x 6 in	6.5 in	12.6 in
244 I AIN	(600 x 150 mm)	(165 mm)	(321 mm)
2442AN	24 x 8 in	9.9 in	12.6 in
2442AIN	(600 x 200 mm)	(251 mm)	(321 mm)
2443AN	24 x 10 in	10.7 in	12.6 in
2443AN	(600 x 250 mm)	(272 mm)	(320 mm)

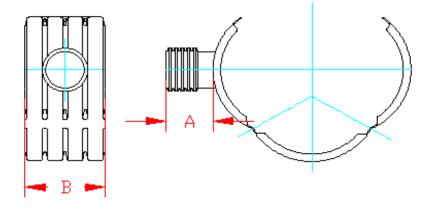




DRAWING #:	2465	
DRAWN BY:	JCB	04.06.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	4/28/2016

#### DUAL WALL FABRICATED REDUCING SADDLE TEE 30" - 36" DIAMETER

PART #	PIPE SIZE	А	В
3040AN	30 x 4 in	5.4 in	16.5 in
	(750 x 100 mm)	(137 mm)	(419 mm)
3041AN	30 x 6 in	6.8 in	16.5 in
00417111	(750 x 150 mm)	(173 mm)	(419 mm)
3042AN	30 x 8 in	9.2 in	16.5 in
3042AIN	(750 x 200 mm)	(234 mm)	(419 mm)
3043AN	30 x 10 in	10.0 in	16.5 in
3043AN	(750 x 250 mm)	(254 mm)	(419 mm)
3044AN	30 x 12 in	10.0 in	16.5 in
3044AN	(750 x 300 mm)	(254 mm)	(419 mm)
3045AN	30 x 15 in	13.0 in	16.5 in
3043AN	(750 x 375 mm)	(330 mm)	(419 mm)
3640AN	36 x 4 in	5.1 in	20.8 in
3040/11	(000 100 )	( , , , , , )	
	(900 x 100 mm)	(130 mm)	(528 mm)
36/1 / N	36 x 6 in	(130 mm) 6.5 in	(528 mm) 20.8 in
3641AN		/	
	36 x 6 in	6.5 in	20.8 in
3641AN 3642AN	36 x 6 in (900 x 150 mm)	6.5 in (165 mm)	20.8 in (528 mm)
3642AN	36 x 6 in (900 x 150 mm) 36 x 8 in	6.5 in (165 mm) 9.2 in	20.8 in (528 mm) 20.8 in
	36 x 6 in (900 x 150 mm) 36 x 8 in (900 x 200 mm)	6.5 in (165 mm) 9.2 in (234 mm)	20.8 in (528 mm) 20.8 in (528 mm)
3642AN 3643AN	36 x 6 in (900 x 150 mm) 36 x 8 in (900 x 200 mm) 36 x 10 in	6.5 in (165 mm) 9.2 in (234 mm) 9.7 in	20.8 in (528 mm) 20.8 in (528 mm) 20.8 in
3642AN	36 x 6 in (900 x 150 mm) 36 x 8 in (900 x 200 mm) 36 x 10 in (900 x 250 mm)	6.5 in (165 mm) 9.2 in (234 mm) 9.7 in (246 mm)	20.8 in (528 mm) 20.8 in (528 mm) 20.8 in (528 mm)
3642AN 3643AN 3644AN	36 x 6 in (900 x 150 mm) 36 x 8 in (900 x 200 mm) 36 x 10 in (900 x 250 mm) 36 x 12 in	6.5 in (165 mm) 9.2 in (234 mm) 9.7 in (246 mm) 10.0 in	20.8 in (528 mm) 20.8 in (528 mm) 20.8 in (528 mm) 20.8 in
3642AN 3643AN	36 x 6 in (900 x 150 mm) 36 x 8 in (900 x 200 mm) 36 x 10 in (900 x 250 mm) 36 x 12 in (900 x 300 mm)	6.5 in (165 mm) 9.2 in (234 mm) 9.7 in (246 mm) 10.0 in (254 mm)	20.8 in (528 mm) 20.8 in (528 mm) 20.8 in (528 mm) 20.8 in (528 mm)
3642AN 3643AN 3644AN	36 x 6 in (900 x 150 mm) 36 x 8 in (900 x 200 mm) 36 x 10 in (900 x 250 mm) 36 x 12 in (900 x 300 mm) 36 x 15 in	6.5 in (165 mm) 9.2 in (234 mm) 9.7 in (246 mm) 10.0 in (254 mm) 13.0 in	20.8 in (528 mm) 20.8 in (528 mm) 20.8 in (528 mm) 20.8 in (528 mm) 20.8 in



DRAWING #:	2470	
DRAWN BY:	JCB	07.13.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	5/19/2010

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

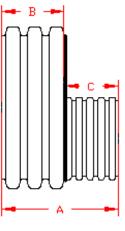
## DUAL WALL FABRICATED REDUCERS 6"x4" - 12"x10" DIAMETER

	PART#	PIPE SIZE	А	В	С	JOINT
**	0670AN	6 x 4 in	11.4 in	6.2 in	5.3 in	*
Į	00707111	(150 x 100 mm)	(291 mm)	(157 mm)	(133 mm)	
**	0870AN	8 x 4 in	12.0 in	6.7 in	5.3 in	*
	00707111	(200 x 100 mm)	(304 mm)	(171 mm)	(135 mm)	
**	0871AN	8 x 6 in	12.9 in	6.7 in	6.2 in	*
	007 TAIN	(200 x 150 mm)	(328 mm)	(171 mm)	(157 mm)	
**	1070AN	10 x 4 in	12.8 in	7.6 in	5.3 in	*
	TOTOAIN	(250 x 100 mm)	(325 mm)	(192 mm)	(133 mm)	
**	1071AN	10 x 6 in	13.8 in	7.6 in	6.2 in	*
	107 TAIN	(250 x 150 mm)	(349 mm)	(192 mm)	(157 mm)	
**	1072AN	10 x 8 in	14.3 in	7.6 in	6.7 in	*
	IUIZAN	(250 x 200 mm)	(363 mm)	(192 mm)	(171 mm)	
ľ	1270AN	12 x 4 in	11.0 in	5.8 in	5.3 in	*
	121 UAIN	(300 x 100 mm)	(280 mm)	(146 mm)	(133 mm)	
	1270AN65B	12 x 4 in	8.9 in	6.5 in	2.4 in	WT
	127 UAINOSD	(300 x 100 mm)	(226 mm)	(165 mm)	(60 mm)	VVI
	1271AN	12 x 6 in	12.0 in	5.8 in	6.2 in	*
	1211/11	(300 x 150 mm)	(304 mm)	(146 mm)	(157 mm)	
	1271AN65B	12 x 6 in	10.0 in	6.5 in	3.5 in	WT
	127 TAINOSD	(300 x 150 mm)	(254 mm)	(165 mm)	(89 mm)	VVI
ľ	1272AN	12 x 8 in	12.5 in	5.8 in	6.7 in	*
	IZIZAN	(300 x 200 mm)	(317 mm)	(146 mm)	(171 mm)	
	1272AN65B	12 x 8 in	10.8 in	6.5 in	4.3 in	WT
ŀ	12727111002	(300 x 200 mm)	(273 mm)	(165 mm)	(108 mm)	** .
	1273AN	12 x 10 in (300 x 250 mm)	13.3 in (338 mm)	5.8 in (146 mm)	7.6 in (192 mm)	*
ŀ		12 x 10 in	11.8 in	6.5 in	5.3 in	
	1273AN65B	(300 x 250 mm)	(298 mm)	(165 mm)	(133 mm)	WT
L		(500 A 250 HIIII)	(230 11111)	(100 11111)	(100 111111)	

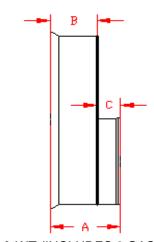
<sup>\* =</sup> PLAIN END WT = WATER TIGHT

<sup>\*\*</sup> LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS





PLAIN END



ST & WT (INCLUDES 2 GASKETS)

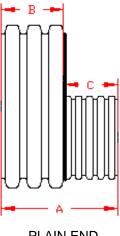


DRAWING #:	2500	
DRAWN BY:	JCB	06.05.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	1/29/2010

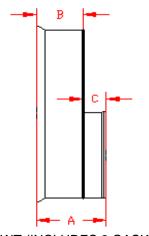
# **DUAL WALL FABRICATED REDUCERS** 15"×4" - 15"×12" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
457041	15 x 4 in	13.0 in	7.8 in	5.3 in	*
1570AN	(375 x 100 mm)	(331 mm)	(197 mm)	(133 mm)	*
1570 A NGED	15 x 4 in	10.1 in	7.8 in	2.4 in	WT
1570AN65B	(375 x 100 mm)	(257 mm)	(197 mm)	(60 mm)	VVI
1571AN	15 x 6 in	14.0 in	7.8 in	6.2 in	*
157 IAIN	(375 x 150 mm)	(355 mm)	(197 mm)	(157 mm)	
1571AN65B	15 x 6 in	11.3 in	7.8 in	3.5 in	WT
137 TAINO3D	(375 x 150 mm)	(286 mm)	(197 mm)	(89 mm)	VVI
1572AN	15 x 8 in	14.5 in	7.8 in	6.7 in	*
1372/410	(375 x 200 mm)	(368 mm)	(197 mm)	(171 mm)	
1572AN65B	15 x 8 in	12.0 in	7.8 in	4.3 in	WT
1372AN03B	(375 x 200 mm)	(305 mm)	(197 mm)	(108 mm)	VVI
1573AN	15 x 10 in	15.3 in	7.8 in	7.6 in	*
1373AN	(375 x 250 mm)	(389 mm)	(197 mm)	(192 mm)	
1573AN65B	15 x 10 in	13.0 in	7.8 in	5.3 in	WT
1373AN03B	(375 x 250 mm)	(330 mm)	(197 mm)	(133 mm)	VVI
1574AN	15 x 12 in	17.0 in	7.8 in	9.2 in	*
1574AN	(375 x 300 mm)	(431 mm)	(197 mm)	(234 mm)	
1574AN85B	15 x 12 in	14.3 in	7.8 in	6.5 in	ST
1374ANOOD	(375 x 300 mm)	(362 mm)	(197 mm)	(165 mm)	31
1574AN65B	15 x 12 in	14.3 in	7.8 in	6.5 in	WT
1374ANOSD	(375 x 300 mm)	(362 mm)	(197 mm)	(165 mm)	VVI

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)

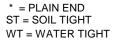


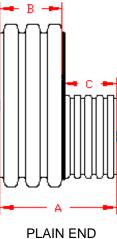
DRAWING #:	2505	
DRAWN BY:	JCB	06.05.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.15.07

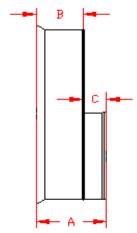
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## **DUAL WALL FABRICATED REDUCERS** 18"×4" - 18"15" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
1870AN	18 x 4 in	13.3 in	8.0 in	5.3 in	*
1070/11	(450 x 100 mm)	(338 mm)	(203 mm)	(133 mm)	
1870AN65B	18 x 4 in	11.3 in	8.9 in	2.4 in	WT
107 07 11 100 15	(450 x 100 mm)	(286 mm)	(226 mm)	(60 mm)	V V 1
1871AN	18 x 6 in	14.2 in	8.0 in	6.2 in	*
107 TAIN	(450 x 150 mm)	(361 mm)	(204 mm)	(157 mm)	
1871AN65B	18 x 6 in	12.4 in	8.9 in	3.5 in	WT
107 1/10000	(450 x 150 mm)	(314 mm)	(226 mm)	(89 mm)	VVI
1872AN	18 x 8 in	14.8 in	8.0 in	6.7 in	*
IOIZAN	(450 x 200 mm)	(375 mm)	(204 mm)	(171 mm)	
1872AN65B	18 x 8 in	13.1 in	8.9 in	4.3 in	WT
1072AN03D	(450 x 200 mm)	(334 mm)	(226 mm)	(108 mm)	VVI
1873AN	18 x 10 in	15.6 in	8.0 in	7.6 in	*
1873AN	(450 x 250 mm)	(396 mm)	(204 mm)	(192 mm)	
1873AN65B	18 x 10 in	14.1 in	8.9 in	5.3 in	WT
1073AN03D	(450 x 250 mm)	(359 mm)	(226 mm)	(133 mm)	VVI
1874AN	18 x 12 in	17.2 in	8.0 in	9.2 in	*
1074/11	(450 x 300 mm)	(438 mm)	(204 mm)	(234 mm)	
1874AN85B	18 x 12 in	15.4 in	8.9 in	6.5 in	ST
1074ANOOD	(450 x 300 mm)	(391 mm)	(226 mm)	(165 mm)	5
1874AN65B	18 x 12 in	15.4 in	8.9 in	6.5 in	WT
1074/11030	(450 x 300 mm)	(391 mm)	(226 mm)	(165 mm)	VVI
1875AN	18 x 15 in	20.7 in	8.0 in	12.7 in	*
1075/11	(450 x 1375mm)	(526 mm)	(204 mm)	(321 mm)	
1875AN85B	18 x 15 in	16.6 in	8.9 in	7.8 in	ST
107 JANOJD	(450 x 375 mm)	(422 mm)	(226 mm)	(197 mm)	01
1875AN65B	18 x 15 in	16.6 in	8.9 in	7.8 in	WT
107 3/11030	(450 x 1375mm)	(422 mm)	(226 mm)	(197 mm)	V V I







ST & WT (INCLUDES 2 GASKETS)



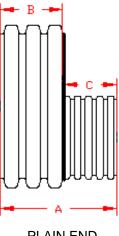
DRAWING #:	2510	
DRAWN BY:	JCB	09.12.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.15.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

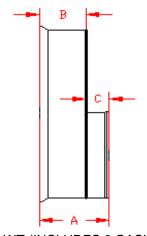
## **DUAL WALL FABRICATED REDUCERS** 24"×4" - 24"×12" DIAMETER

PART#	PIPE SIZE	Α	В	С	JOINT
0.470.41	24 x 4 in	14.7 in	9.5 in	5.3 in	*
2470AN	(600 x 100 mm)	(373 mm)	(240 mm)	(133 mm)	Î
0.470 A NICED	24 x 4 in	9.4 in	7.0 in	2.4 in	\A/ <del>T</del>
2470AN65B	(600 x 100 mm)	(238 mm)	(178 mm)	(60 mm)	WT
2471AN	24 x 6 in	15.6 in	9.5 in	6.2 in	*
247 1/11	(600 x 150 mm)	(397 mm)	(240 mm)	(157 mm)	
2471AN65B	24 x 6 in	10.5 in	7.0 in	3.5 in	WT
247 TAIN03B	(600 x 150 mm)	(267 mm)	(178 mm)	(89 mm)	VVI
2472AN	24 x 8 in	16.2 in	9.5 in	6.7 in	*
2412AIN	(600 x 200 mm)	(411 mm)	(240 mm)	(171 mm)	
2472AN65B	24 x 8 in	11.3 in	7.0 in	4.3 in	WT
2472AN03D	(600 x 200 mm)	(286 mm)	(178 mm)	(108 mm)	VVI
2473AN	24 x 10 in	17.0 in	9.5 in	7.6 in	*
247 3AIN	(600 x 250 mm)	(432 mm)	(240 mm)	(192 mm)	
2472 A NGED	24 x 10 in	12.3 in	7.0 in	5.3 in	\\/T
2473AN65B	(600 x 250 mm)	(311 mm)	(178 mm)	(133 mm)	WT
2474AN	24 x 12 in	18.7 in	9.5 in	9.2 in	*
2474AIN	(600 x 300 mm)	(474 mm)	(240 mm)	(234 mm)	
2474AN85B	24 x 12 in	13.5 in	7.0 in	6.5 in	ST
Z414AN00D	(600 x 300 mm)	(343 mm)	(178 mm)	(165 mm)	31
2474AN65B	24 x 12 in	13.5 in	7.0 in	6.5 in	WT
2414AN00D	(600 x 300 mm)	(343 mm)	(178 mm)	(165 mm)	VVI

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)



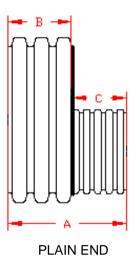
DRAWING #:	2515	
DRAWN BY:	JCB	06.05.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.15.07

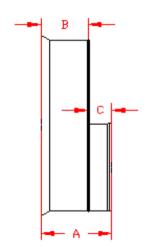
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## DUAL WALL FABRICATED REDUCERS 24"×15" - 24"×18" DIAMETER

PART#	PIPE SIZE	А	В	С	JOINT
2475AN	24 x 15 in (600 x 375 mm)	22.1 in (561 mm)	9.5 in (240 mm)	12.7 in (321 mm)	*
2475AN85B	24 x 15 in (600 x 375 mm)	14.8 in (375 mm)	7.0 in (178 mm)	7.8 in (197 mm)	ST
2475AN65B	24 x 15 in (600 x 375 mm)	14.8 in (375 mm)	7.0 in (178 mm)	7.8 in (197 mm)	WT
2476AN	24 x 18 in (600 x 450 mm)	22.1 in (561 mm)	9.5 in (240 mm)	12.7 in (321 mm)	*
2476AN85B	24 x 18 in (600 x 450 mm)	15.9 in (403 mm)	7.0 in (178 mm)	8.9 in (226 mm)	ST
2476AN65B	24 x 18 in (600 x 450 mm)	15.9 in (403 mm)	7.0 in (178 mm)	8.9 in (226 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT





ST & WT (INCLUDES 2 GASKETS)



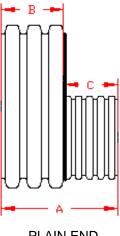
DRAWING #:	2515A	
DRAWN BY:	JCB	06.05.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.15.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

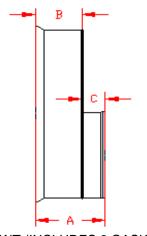
# **DUAL WALL FABRICATED REDUCERS** 30"×4" - 30"×12" DIAMETER

PART #	PIPE SIZE	А	В	С	JOINT
3070AN	30 x 4 in (750 x 100 mm)	17.6 in (447 mm)	12.4 in (314 mm)	5.3 in (133 mm)	*
3070AN65B	30 x 4 in (750 x 100 mm)	14.1 in (359 mm)	11.8 in (298 mm)	2.4 in (60 mm)	WT
3071AN	<b>30 x 6 in</b> (750 x 150 mm)	18.6 in (471 mm)	12.4 in (314 mm)	6.2 in (157 mm)	*
3071AN65B	30 x 6 in (750 x 150 mm)	15.3 in (387 mm)	11.8 in (298 mm)	3.5 in (89 mm)	WT
3072AN	30 x 8 in (750 x 200 mm)	19.1 in (485 mm)	12.4 in (314 mm)	6.7 in (171 mm)	*
3072AN65B	30 x 8 in (750 x 200 mm)	16.0 in (406 mm)	11.8 in (298 mm)	4.3 in (108 mm)	WT
3073AN	30 x 10 in (750 x 250 mm)	19.9 in (506 mm)	12.4 in (314 mm)	7.6 in (192 mm)	*
3073AN65B	30 x 10 in (750 x 250 mm)	17.0 in (432 mm)	11.8 in (298 mm)	5.3 in (133 mm)	WT
3074AN	30 x 12 in (750 x 300 mm)	21.6 in (548 mm)	12.4 in (314 mm)	9.2 in (234 mm)	*
3074AN85B	30 x 12 in (750 x 300 mm)	18.3 in (464 mm)	11.8 in (298 mm)	6.5 in (165 mm)	ST
3074AN65B	30 x 12 in (750 x 300 mm)	18.3 in (464 mm)	11.8 in (298 mm)	6.5 in (165 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)



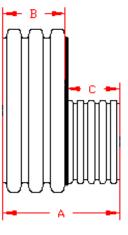
DRAWING #:	2520	
DRAWN BY:	NJP	09.28.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.15.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

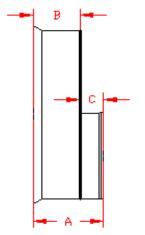
# DUAL WALL FABRICATED REDUCERS 30"×15" - 30"×24" DIAMETER

PART#	PIPE SIZE	А	В	С	JOINT
3075AN	30 x 15 in	25.0 in	12.4 in	12.7 in	*
00707111	(750 x 375 mm)	(635 mm)	(314 mm)	(321 mm)	
3075AN85B	30 x 15 in	19.5 in	11.8 in	7.8 in	ST
307 3AN03D	(750 x 375mm)	(495 mm)	(298 mm)	(197 mm)	01
3075AN65B	30 x 15 in	19.5 in	11.8 in	7.8 in	WT
3073AN03B	(750 x 375 mm)	(495 mm)	(298 mm)	(197 mm)	VVI
3076AN	30 x 18 in	25.0 in	12.4 in	12.7 in	*
SUTUAIN	(750 x 450 mm)	(635 mm)	(314 mm)	(321 mm)	
3076AN85B	30 x 18 in	20.6 in	11.8 in	8.9 in	ST
3070AN03D	(750 x 450 mm)	(524 mm)	(298 mm)	(226 mm)	51
3076AN65B	30 x 18 in	20.6 in	11.8 in	8.9 in	WT
3070AN03D	(750 x 450 mm)	(524 mm)	(298 mm)	(226 mm)	VVI
3077AN	30 x 24 in	27.9 in	12.4 in	15.6 in	*
SULLAIN	(750 x 600 mm)	(709 mm)	(314 mm)	(395 mm)	
3077AN85B	30 x 24 in	18.8 in	11.8 in	7.0 in	ST
3011ANO3B	(750 x 600 mm)	(476 mm)	(298 mm)	(178 mm)	31
3077AN65B	30 x 24 in	18.8 in	11.8 in	7.0 in	WT
3011AN03D	(750 x 600 mm)	(476 mm)	(298 mm)	(178 mm)	VVI

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)



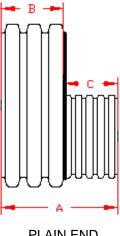
DRAWING #:	2520A	
DRAWN BY:	NJP	09.28.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.15.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

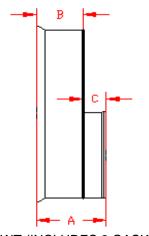
## **DUAL WALL FABRICATED REDUCERS** 36"×4" - 36"×12" DIAMETER

PIPE SIZE	Α	В	С	JOINT
36 x 4 in	21.0 in	15.8 in	5.3 in	*
(900 x 100 mm)	(533 mm)	(400 mm)	(133 mm)	Î
36 x 4 in	13.7 in	11.3 in	2.4 in	\A/T
(900 x 100 mm)	(347 mm)	(287 mm)	(60 mm)	WT
36 x 6 in	21.9 in	15.8 in	6.2 in	*
(900 x 150 mm)	(557 mm)	(400 mm)	(157 mm)	
36 x 6 in	14.8 in	11.3 in	3.5 in	WT
(900 x 150 mm)	(376 mm)	(287 mm)	(89 mm)	VVI
36 x 8 in	22.5 in	15.8 in	6.7 in	*
(900 x 200 mm)	(571 mm)	(400 mm)	(171 mm)	
36 x 8 in	15.5 in	11.3 in	4.3 in	WT
(900 x 200 mm)	(395 mm)	(287 mm)	(108 mm)	VVI
36 x 10 in	23.3 in	15.8 in	7.6 in	*
(900 x 250 mm)	(592 mm)	(400 mm)	(192 mm)	
36 x 10 in	16.5 in	11.3 in	5.3 in	WT
(900 x 250 mm)	(420 mm)	(287 mm)	(133 mm)	VVI
36 x 12 in	25.0 in	15.8 in	9.2 in	*
(900 x 300 mm)	(634 mm)	(400 mm)	(234 mm)	
36 x 12 in	17.8 in	11.3 in	6.5 in	ST
(900 x 300 mm)	(452 mm)	(287 mm)	(165 mm)	31
36 x 12 in	17.8 in	11.3 in	6.5 in	WT
(900 x 300 mm)	(452 mm)	(287 mm)	(165 mm)	VVI
	36 x 4 in (900 x 100 mm) 36 x 4 in (900 x 100 mm) 36 x 6 in (900 x 150 mm) 36 x 6 in (900 x 150 mm) 36 x 8 in (900 x 200 mm) 36 x 8 in (900 x 200 mm) 36 x 10 in (900 x 250 mm) 36 x 10 in (900 x 250 mm) 36 x 12 in (900 x 300 mm) 36 x 12 in (900 x 300 mm) 36 x 12 in	36 x 4 in (900 x 100 mm) (533 mm)  36 x 4 in (347 mm)  36 x 6 in (21.9 in (557 mm))  36 x 6 in (557 mm)  36 x 6 in (376 mm)  36 x 8 in (22.5 in (571 mm))  36 x 8 in (22.5 in (571 mm))  36 x 8 in (22.5 in (571 mm))  36 x 8 in (23.3 in (592 mm))  36 x 10 in (395 mm)  36 x 10 in (592 mm)  36 x 10 in (592 mm)  36 x 10 in (592 mm)  36 x 10 in (592 mm)  36 x 10 in (592 mm)  36 x 10 in (634 mm)  36 x 12 in (900 x 300 mm)  36 x 12 in (790 x 300 mm)  36 x 12 in (790 x 300 mm)  36 x 12 in (790 x 300 mm)  36 x 12 in (790 x 300 mm)  36 x 12 in (790 x 300 mm)  36 x 12 in (790 x 300 mm)  36 x 12 in (790 x 300 mm)  36 x 12 in (790 x 300 mm)  37 x 12 in (790 x 300 mm)  38 x 12 in (790 x 300 mm)  39 x 12 in (790 x 300 mm)	36 x 4 in       21.0 in       15.8 in         (900 x 100 mm)       (533 mm)       (400 mm)         36 x 4 in       13.7 in       11.3 in         (900 x 100 mm)       (347 mm)       (287 mm)         36 x 6 in       21.9 in       15.8 in         (900 x 150 mm)       (557 mm)       (400 mm)         36 x 6 in       14.8 in       11.3 in         (900 x 150 mm)       (376 mm)       (287 mm)         36 x 8 in       22.5 in       15.8 in         (900 x 200 mm)       (571 mm)       (400 mm)         36 x 8 in       15.5 in       11.3 in         (900 x 200 mm)       (395 mm)       (287 mm)         36 x 10 in       (592 mm)       (400 mm)         36 x 10 in       (592 mm)       (400 mm)         36 x 12 in       25.0 in       15.8 in         (900 x 250 mm)       (420 mm)       (287 mm)         36 x 12 in       17.8 in       11.3 in         (900 x 300 mm)       (452 mm)       (287 mm)         36 x 12 in       17.8 in       11.3 in         (900 x 300 mm)       (452 mm)       (287 mm)	36 x 4 in (900 x 100 mm)       21.0 in (533 mm)       15.8 in (400 mm)       5.3 in (133 mm)         36 x 4 in (900 x 100 mm)       13.7 in (287 mm)       11.3 in (60 mm)       2.4 in (60 mm)         36 x 6 in (900 x 150 mm)       21.9 in (400 mm)       15.8 in (52 in (157 mm)         36 x 6 in (900 x 150 mm)       14.8 in (11.3 in (157 mm)       3.5 in (89 mm)         36 x 8 in (900 x 150 mm)       22.5 in (287 mm)       (89 mm)         36 x 8 in (900 x 200 mm)       22.5 in (400 mm)       15.8 in (6.7 in (171 mm)         36 x 8 in (900 x 200 mm)       395 mm)       287 mm)       (108 mm)         36 x 10 in (900 x 250 mm)       23.3 in (287 mm)       15.8 in (190 mm)       7.6 in (192 mm)         36 x 10 in (900 x 250 mm)       36 x 10 in (420 mm)       36 x 10 in (287 mm)       36 x 10 in (234 mm)         36 x 12 in (900 x 300 mm)       36 x 12 in (634 mm)       400 mm)       400 mm)       400 mm)         36 x 12 in (900 x 300 mm)       452 mm)       465 mm)       6.5 in (165 mm)         36 x 12 in (17.8 in (1

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)

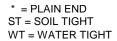


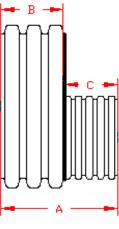
DRAWING #:	2525	
DRAWN BY:	JCB	09.11.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	NJP	06.15.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

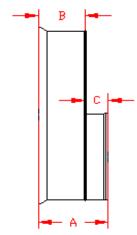
# DUAL WALL FABRICATED REDUCERS 36"×15" - 36"×30" DIAMETER

PART#	PIPE SIZE	А	В	С	JOINT
3675AN	36 x 15 in (900 x 375 mm)	28.4 in (721 mm)	15.8 in (400 mm)	<b>12.7 in</b> (321 mm)	*
3675AN85B	36 x 15 in (900 x 375 mm)	19.0 in (484 mm)	11.3 in (287 mm)	7.8 in (197 mm)	ST
3675AN65B	36 x 15 in (900 x 375 mm)	19.0 in (484 mm)	11.3 in (287 mm)	7.8 in (197 mm)	WT
3676AN	36 x 18 in (900 x 450 mm)	28.4 in (721 mm)	15.8 in (400 mm)	<b>12.7 in</b> (321 mm)	*
3676AN85B	36 x 18 in (900 x 450 mm)	20.2 in (512 mm)	11.3 in (287 mm)	8.9 in (226 mm)	ST
3676AN65B	36 x 18 in (900 x 450 mm)	20.2 in (512 mm)	11.3 in (287 mm)	8.9 in (226 mm)	WT
3677AN	36 x 24 in (900 x 600 mm)	31.3 in (795 mm)	15.8 in (400 mm)	15.6 in (395 mm)	*
3677AN85B	36 x 24 in (900 x 600 mm)	18.3 in (465 mm)	11.3 in (287 mm)	7.0 in (178 mm)	ST
3677AN65B	36 x 24 in (900 x 600 mm)	18.3 in (465 mm)	11.3 in (287 mm)	7.0 in (178 mm)	WT
3678AN	36 x 30 in (900 x 750 mm)	32.2 in (819 mm)	15.8 in (400 mm)	<b>16.5 in</b> (419 mm)	*
3678AN65B	36 x 30 in (900 x 750 mm)	23.0 in (585 mm)	11.3 in (287 mm)	11.8 in (298 mm)	ST
3678AN85B	36 x 30 in (900 x 750 mm)	23.0 in (585 mm)	11.3 in (287 mm)	11.8 in (298 mm)	WT





PLAIN END



ST & WT (INCLUDES 2 GASKETS)

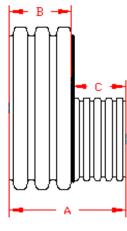


DRAWING #:	2525A	
DRAWN BY:	NJP	07.06.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	9/8/2009

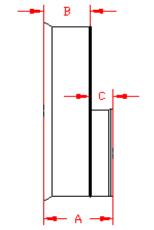
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCERS 42"x6" - 42"x15" DIAMETER

PART#	PIPE SIZE	А	В	С	JOINT
4271AN	42 x 6 in	21.8 in	15.6 in	6.2 in	*
	(1050 x 150 mm)	(553 mm)	(395 mm)	(157 mm)	
4271AN85B	42 x 6 in	12.6 in	9.1 in	3.5 in	ST
	(1050 x 150 mm)	(321 mm)	(232 mm)	(89 mm)	
4271AN65B	42 x 6 in	15.5 in	12.0 in	3.5 in	WT
	(1050 x 150 mm)	(393 mm)	(305 mm)	(89 mm)	
4272AN	42 x 8 in	22.3 in	15.6 in	6.7 in	*
12727414	(1050 x 200 mm)	(566 mm)	(395 mm)	(171 mm)	
4272AN85B	42 x 8 in	13.4 in	9.1 in	4.3 in	ST
42727 (1 <b>1</b> 00B	(1050 x 200 mm)	(340 mm)	(232 mm)	(108 mm)	01
4272AN65B	42 x 8 in	16.2 in	12.0 in	4.3 in	WT
4272AN03D	(1050 x 200 mm)	(412 mm)	(305 mm)	(108 mm)	VVI
4273AN	42 x 10 in	23.1 in	15.6 in	7.6 in	*
427 3AIN	(1050 x 250 mm)	(588 mm)	(395 mm)	(192 mm)	
4273AN85B	42 x 10 in	14.4 in	9.1 in	5.3 in	ST
427 3ANO3B	(1050 x 250 mm)	(365 mm)	(232 mm)	(133 mm)	31
4273AN65B	42 x 10 in	17.2 in	12.0 in	5.3 in	WT
427 3AN03B	(1050 x 250 mm)	(438 mm)	(305 mm)	(133 mm)	VVI
4274AN	42 x 12 in	24.8 in	15.6 in	9.2 in	*
4274AN	(1050 x 300 mm)	(629 mm)	(395 mm)	(234 mm)	
4274AN85B	42 x 12 in	15.6 in	9.1 in	6.5 in	ST
42/4AN00D	(1050 x 300 mm)	(397 mm)	(232 mm)	(165 mm)	31
4074ANGED	42 x 12 in	18.5 in	12.0 in	6.5 in	WT
4274AN65B	(1050 x 300 mm)	(470 mm)	(305 mm)	(165 mm)	VVI
4275AN	42 x 15 in	28.2 in	15.6 in	12.7 in	*
42/5AN	(1050 x 375 mm)	(717 mm)	(395 mm)	(321 mm)	
4075 A NO.5D	42 x 15 in	16.9 in	9.1 in	7.8 in	СТ
4275AN85B	(1050 x 375 mm)	(428 mm)	(232 mm)	(197 mm)	ST
4275AN65B	42 x 15 in	19.7 in	12.0 in	7.8 in	WT
421 DAINOOD	(1050 x 375 mm)	(501 mm)	(305 mm)	(197 mm)	V V I



PLAIN END



ST & WT (INCLUDES 2 GASKETS)

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

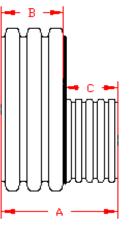


DRAWIN	IG #:	2530	
DRAWN	IBY:	NJP	07.06.06
APPROVED	BY:	JCB	06.26.07
REVISIO	DNS:	TJR	9/8/2009

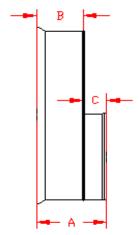
# DUAL WALL FABRICATED REDUCERS 42"×18" - 42"×36" DIAMETER

PART#	PIPE SIZE	Α	В	С	JOINT
4276AN	42 x 18 in (1050 x 450 mm)	28.2 in (717 mm)	15.6 in (395 mm)	12.7 in (321 mm)	*
4276AN85B	42 x 18 in (1050 x 450 mm)	18.0 in (457 mm)	9.1 in (232 mm)	8.9 in (226 mm)	ST
4276AN65B	42 x 18 in (1050 x 450 mm)	20.9 in (530 mm)	12.0 in (305 mm)	8.9 in (226 mm)	WT
4277AN	42 x 24 in (1050 x 600 mm)	<b>31.1 in</b> (790 mm)	15.6 in (395 mm)	15.6 in (395 mm)	*
4277AN85B	42 x 24 in (1050 x 600 mm)	16.1 in (409 mm)	9.1 in (232 mm)	7.0 in (178 mm)	ST
4277AN65B	42 x 24 in (1050 x 600 mm)	19.0 in (482 mm)	12.0 in (305 mm)	7.0 in (178 mm)	WT
4278AN	42 x 30 in (1050 x 750 mm)	32.1 in (814 mm)	15.6 in (395 mm)	16.5 in (419 mm)	*
4278AN85B	42 x 30 in (1050 x 750 mm)	20.9 in (530 mm)	9.1 in (232 mm)	11.8 in (298 mm)	ST
4278AN65B	42 x 30 in (1050 x 750 mm)	23.7 in (603 mm)	12.0 in (305 mm)	11.8 in (298 mm)	WT
4279AN	42 x 36 in (1050 x 900 mm)	<b>36.1 in</b> (918 mm)	15.6 in (395 mm)	20.6 in (522 mm)	*
4279AN85B	42 x 36 in (1050 x 900 mm)	20.4 in (518 mm)	9.1 in (232 mm)	11.3 in (287 mm)	ST
4279AN65B	42 x 36 in (1050 x 900 mm)	23.3 in (591 mm)	12.0 in (305 mm)	11.3 in (287 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)



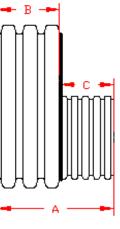
DRAWING #:	2530A	
DRAWN BY:	NJP	07.06.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	9/8/2009

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

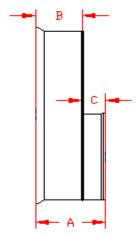
# DUAL WALL FABRICATED REDUCERS 48"×12" - 48"×24" DIAMETER

PART#	PIPE SIZE	А	В	С	JOINT
4874AN	48 x 12 in (1200 x 300 mm)	25.0 in (634 mm)	15.8 in (400 mm)	9.2 in (234 mm)	*
4874AN85B	48 x 12 in (1200 x 300 mm)	15.3 in (388 mm)	8.8 in (223 mm)	6.5 in (165 mm)	ST
4874AN65B	48 x 12 in (1200 x 300 mm)	18.5 in (470 mm)	12.0 in (305 mm)	6.5 in (165 mm)	WT
4875AN	48 x 15 in (1200 x 375 mm)	28.4 in (721 mm)	15.8 in (400 mm)	12.7 in (321 mm)	*
4875AN85B	48 x 15 in (1200 x 375 mm)	16.5 in (419 mm)	8.8 in (223 mm)	7.8 in (197 mm)	ST
4875AN65B	48 x 15 in (1200 x 375 mm)	19.7 in (501 mm)	12.0 in (305 mm)	7.8 in (197 mm)	WT
4876AN	48 x 18 in (1200 x 450 mm)	28.4 in (721 mm)	15.8 in (400 mm)	12.7 in (321 mm)	*
4876AN85B	48 x 18 in (1200 x 450 mm)	17.6 in (448 mm)	8.8 in (223 mm)	8.9 in (226 mm)	ST
4876AN65B	48 x 18 in (1200 x 450 mm)	20.9 in (530 mm)	12.0 in (305 mm)	8.9 in (226 mm)	WT
4877AN	48 x 24 in (1200 x 600 mm)	31.3 in (795 mm)	15.8 in (400 mm)	15.6 in (395 mm)	*
4877AN85B	48 x 24 in (1200 x 600 mm)	15.8 in (400 mm)	8.8 in (223 mm)	7.0 in (178 mm)	ST
4877AN65B	48 x 24 in (1200 x 600 mm)	19.0 in (482 mm)	12.0 in (305 mm)	7.0 in (178 mm)	WT

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)



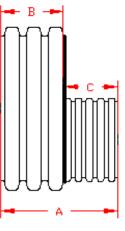
DRAWING #:	2535	
DRAWN BY:	NJP	07.06.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	9/8/2009

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

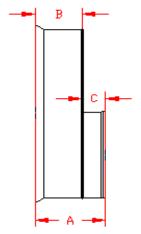
## DUAL WALL FABRICATED REDUCERS 48"×30" - 48"×42" DIAMETER

PART#	PIPE SIZE	А	В	С	JOINT
4878AN	48 x 30 in	32.2 in	15.8 in	16.5 in	*
40707111	(1200 x 750 mm)	(819 mm)	(400 mm)	(419 mm)	
4878AN85B	48 x 30 in	20.5 in	8.8 in	11.8 in	ST
4070AN03D	(1200 x 750 mm)	(521 mm)	(223 mm)	(298 mm)	51
4878AN65B	48 x 30 in	23.7 in	12.0 in	11.8 in	WT
4070/11030	(1200 x 750 mm)	(603 mm)	(305 mm)	(298 mm)	VVI
4879AN	48 x 36 in	36.3 in	15.8 in	20.6 in	*
407 9AN	(1200 x 900 mm)	(922 mm)	(400 mm)	(522 mm)	
4879AN85B	48 x 36 in	20.1 in	8.8 in	11.3 in	ST
401 9ANO3D	(1200 x 900 mm)	(509 mm)	(223 mm)	(287 mm)	51
4879AN65B	48 x 36 in	23.3 in	12.0 in	11.3 in	WT
407 9ANO3D	(1200 x 900 mm)	(591 mm)	(305 mm)	(287 mm)	VVI
4842AN	48 x 42 in	36.4 in	15.8 in	20.7 in	*
4042AN	(1200 x 1050 mm)	(925 mm)	(400 mm)	(525 mm)	
4842AN85B	48 x 42 in	17.9 in	8.8 in	9.1 in	ST
4042AN00D	(1200 x 1050 mm)	(454 mm)	(223 mm)	(232 mm)	31
4842AN65B	48 x 42 in	24.0 in	12.0 in	12.0 in	WT
4042AN00D	(1200 x 1050 mm)	(609 mm)	(305 mm)	(305 mm)	VVI

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)

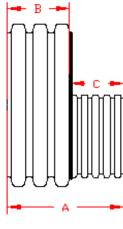


DRAWING #:	2535A	
DRAWN BY:	NJP	07.06.06
APPROVED BY:	JCB	06.26.07
REVISIONS:	TJR	9/8/2009

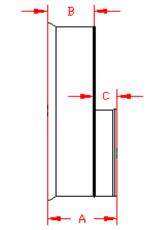
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED REDUCERS 60"×24" - 60"×48" DIAMETER

PART#	PIPE SIZE	А	В	С	JOINT
6077AN	60 x 24 in (1500 x 600 mm)	33.6 in (852 mm)	18.0 in (457 mm)	15.6 in (395 mm)	*
6077AN85B	60 x 24 in (1500 x 600 mm)	16.6 in (421 mm)	9.6 in (243 mm)	7.0 in (178 mm)	ST
6077AN65B	60 x 24 in (1500 x 600 mm)	16.6 in (421 mm)	9.6 in (243 mm)	7.0 in (178 mm)	WT
6078AN	60 x 30 in (1500 x 750 mm)	<b>34.5 in</b> (876 mm)	18.0 in (457 mm)	16.5 in (419 mm)	*
6078AN85B	60 x 30 in (1500 x 750 mm)	21.3 in (542 mm)	9.6 in (243 mm)	11.8 in (298 mm)	ST
6078AN65B	60 x 30 in (1500 x 750 mm)	21.3 in (542 mm)	9.6 in (243 mm)	11.8 in (298 mm)	WT
6079AN	60 x 36 in (1500 x 900 mm)	<b>38.6 in</b> (979 mm)	18.0 in (457 mm)	20.6 in (522 mm)	*
6079AN85B	60 x 36 in (1500 x 900 mm)	20.9 in (530 mm)	9.6 in (243 mm)	11.3 in (287 mm)	ST
6079AN65B	60 x 36 in (1500 x 900 mm)	20.9 in (530 mm)	9.6 in (243 mm)	11.3 in (287 mm)	WT
6042AN	60 x 42 in (1500 x 1050 mm)	<b>38.7 in</b> (982 mm)	18.0 in (457 mm)	20.7 in (525 mm)	*
6042AN85B	60 x 42 in (1500 x 1050 mm)	18.7 in (475 mm)	9.6 in (243 mm)	9.1 in (232 mm)	ST
6042AN65B	60 x 42 in (1500 x 1050 mm)	21.6 in (548 mm)	9.6 in (243 mm)	12.0 in (305 mm)	WT
6048AN	60 x 48 in (1500 x 1200 mm)	<b>38.7 in</b> (982 mm)	18.0 in (457 mm)	20.7 in (525 mm)	*
6048AN85B	60 x 48 in (1500 x 1200 mm)	18.3 in (466 mm)	9.6 in (243 mm)	8.8 in (223 mm)	ST
6048AN65B	60 x 48 in (1500 x 1200 mm)	21.6 in (548 mm)	9.6 in (243 mm)	12.0 in (305 mm)	WT



PLAIN END



ST & WT (INCLUDES 2 GASKETS)

\* = PLAIN END ST = SOIL TIGHT WT = WATER TIGHT

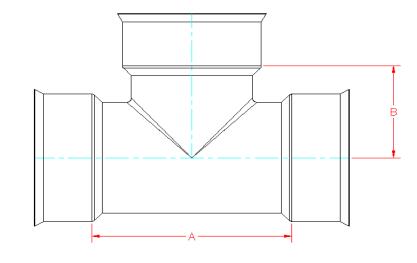
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



	DRAWING #:	2540	
	DRAWN BY:	NJP	07.06.06
Γ	APPROVED BY:	JCB	06.26.07
	REVISIONS:	TJR	9/8/2009
Г			

## 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	<b>4 in</b> (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.

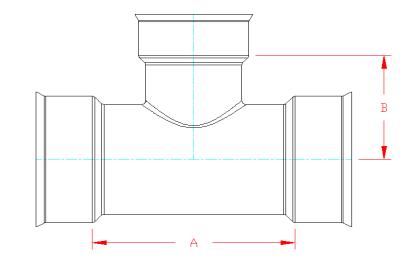
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



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"x8" - 12"x8" DIAMETER

PART #	PIPE SIZE	А	В	JOINT
0660ST	6 x 4 in (150 x 100 mm)	7.4 in (187 mm)	4.4 in (111 mm)	ST
0660WT	6 x 4 in (150 x 100 mm)	<b>7.4 in</b> (187 mm)	<b>4.4 in</b> (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	17.9 in	9.9 in	WT
	$(250 \times 200 \text{ mm})$	(454 mm)	(252 mm)	



#### 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.

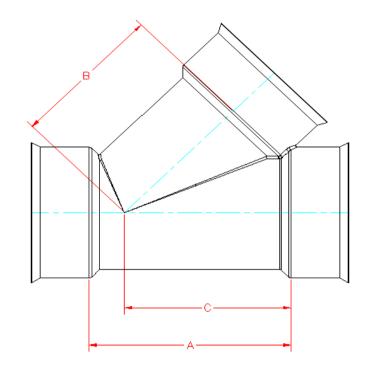


DRAWING #:	3010	
DRAWN BY:	JCB	04.24.07
APPROVED BY:		
REVISIONS:	TJR	10.17.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## INJECTION MOLDED 45° WYE 4" - 12" DIAMETER

PART#	PIPE SIZE	А	В	С	JOINT
0.400.07	4 in	7.4 in	5.5 in	6.1 in	ОТ
0480ST	(100 mm)	(187 mm)	(140 mm)	(154 mm)	ST
0.400\\/\T	4 in	7.4 in	5.5 in	6.1 in	\A/ <del>T</del>
0480WT	(100 mm)	(187 mm)	(140 mm)	(154 mm)	WT
0681ST	6 in	10.5 in	8.0 in	8.7 in	ST
000131	(150 mm)	(266 mm)	(202 mm)	(220 mm)	31
0691WT	6 in	10.5 in	8.0 in	8.7 in	WT
0681WT	(150 mm)	(266 mm)	(202 mm)	(220 mm)	VVI
0882ST	8 in	13.8 in	10.6 in	11.4 in	ST
000231	(200 mm)	(350 mm)	(268 mm)	(290 mm)	31
0882WT	8 in	13.8 in	10.6 in	11.4 in	WT
0002001	(200 mm)	(350 mm)	(268 mm)	(290 mm)	VVI
1083ST	10 in	17.9 in	13.3 in	14.4 in	ST
100331	(250 mm)	(454 mm)	(338 mm)	(367 mm)	31
4002WT	10 in	17.9 in	13.3 in	14.4 in	\//T
1083WT	(250 mm)	(454 mm)	(338 mm)	(367 mm)	WT
1284ST	12 in	22.5 in	16.5 in	18.1 in	ST
120431	(300 mm)	(572 mm)	(419 mm)	(461 mm)	01
1284WT	12 in	22.5 in	16.5 in	18.1 in	WT
1204771	(300 mm)	(572 mm)	(419 mm)	(461 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)

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.

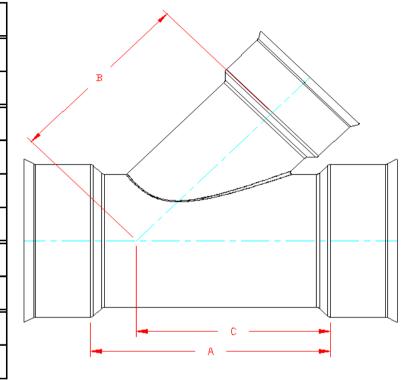
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



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"x8" - 12" x 6" - 12"x8" DIAMETER

PART#	PIPE SIZE	А	В	С	JOINT
OCOOCT	6 × 4 in	9.3 in	8.3 in	7.8 in	ST
0680ST	$(150 \times 100 \text{ mm})$	(235 mm)	(210 mm)	(199 mm)	31
0680WT	6 × 4 in	9.3 in	8.3 in	7.8 in	WT
0000001	(150 × 100 mm)	(235 mm)	(210 mm)	(199 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)	01
0880WT	8 × 4 in	10.7 in	10.0 in	9.2 in	WT
0000001	(200 × 100 mm)	(271 mm)	(254 mm)	(233 mm)	VVI
0881ST	8 × 6 in	12.6 in	11.3 in	10.8 in	ST
000131	(200 × 150 mm)	(320 mm)	(286 mm)	(275 mm)	5
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
100251	(250 × 200 mm)	(454 mm)	(362 mm)	(354 mm)	5
1082WT	10 × 8 in	17.9 in	14.3 in	13.9 in	WT
1002 VV 1	(250 × 200 mm)	(455 mm)	(362 mm)	(354 mm)	VVI
1281WT	12 × 6 in	17.1 in	15.8 in	14.5 in	WT
1201001	(300 × 150 mm)	(435 mm)	(400 mm)	(369 mm)	V V I
1282WT	12 × 8 in	22.5 in	18.7 in	18.1 in	WT
1202 4 4 1	(300 × 200 mm)	(572 mm)	(474 mm)	(461 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)

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.

Advanced Drainage Systems, Inc.

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

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## INJECTION MOLDED 45° BEND 4" - 12" DIAMETER

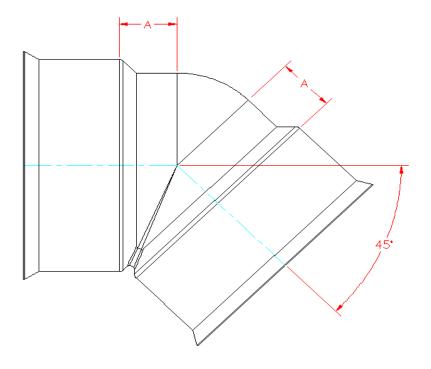
PART#	PIPE SIZE	А	JOINT
0494ST	4 in (100 mm)	1.3 in (33 mm)	ST
0494WT	<b>4 in</b> (100 mm)	1.3 in (33 mm)	WT
0694ST	6 in (150 mm)	1.8 in (46 mm)	ST
0694WT	6 in (150 mm)	1.8 in (46 mm)	WT
0894ST	8 in (200 mm)	2.4 in (60 mm)	ST
0894WT	8 in (200 mm)	2.4 in (60 mm)	WT
1094ST	10 in (250 mm)	3.4 in (87 mm)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



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.

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY





DRAWING #:	3200	
DRAWN BY:	JCB	07.31.06
APPROVED BY:		
DEVIOLONIO	N.IP	06.15.07
REVISIONS:	NJP	00.15.07
REVISIONS:	NJP	00.13.07

## INJECTION MOLDED 90° BEND 4" - 12" DIAMETER

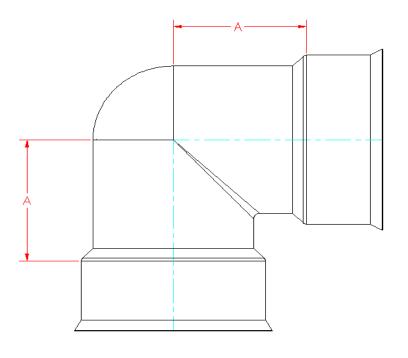
PART#	PIPE SIZE	А	JOINT
0499ST	4 in (100 mm)	3.7 in (93 mm)	ST
0499WT	<b>4 in</b> (100 mm)	3.7 in (93 mm)	WT
0699ST	6 in (150 mm)	5.2 in (133 mm)	ST
0699WT	6 in (150 mm)	5.2 in (133 mm)	WT
0899ST	8 in (200 mm)	6.9 in (175 mm)	ST
0899WT	8 in (200 mm)	6.9 in (175 mm)	WT
1099ST	10 in (250 mm)	8.9 in (227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



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.

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY





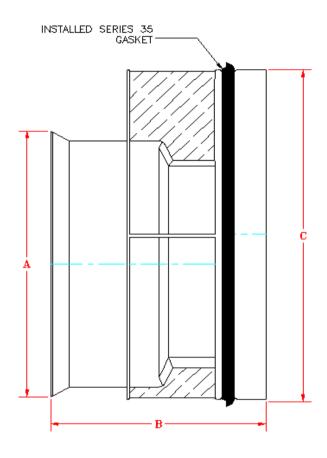
DRAWING #:	3300	
DRAWN BY:	JCB	07.31.06
APPROVED BY:		
REVISIONS:	NJP	06.15.07

## INJECTION MOLDED BELL/SPIGOT REDUCER

PART#	PIPE SIZE	А	В	С	JOINT
0674WT	6 x 4 in (150 x 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 x 6 in (200 x 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)



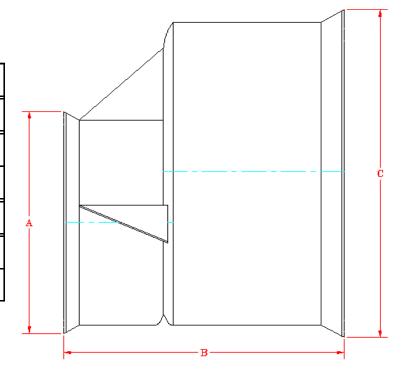


DRAWING #:	3400	
DRAWN BY:	JCB	07.31.06
APPROVED BY:		
DEVIOLONIO	N.IP	06.15.07
REVISIONS:	NJF	06.15.07
REVISIONS:	NJF	06.15.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## INJECTION MOLDED REDUCING BELL/BELL COUPLER

PART #	PIPE SIZE	А	В	С	JOINT
0614WT	6 × 4 in	5.6 in	6.6 in	7.9 in	WT
	(150 × 100 mm)	(142 mm)	(167 mm)	(201 mm)	
0814WT	8 × 4 in	5.7 in	6.6 in	10.4 in	WT
0014771	$(200 \times 100 \text{ mm})$	(145 mm)	(167 mm)	(263 mm)	** 1
0816WT	8 × 6 in	8.0 in	7.7 in	10.4 in	WT
0010001	$(200 \times 150 \text{ mm})$	(204 mm)	(196 mm)	(263 mm)	V V I
1018WT	10 × 8 in	10.3 in	9.9 in	12.9 in	WT
1010001	(200 × 100 mm)	(262 mm)	(250 mm)	(327 mm)	VVI
1218WT	12 x 8 in	10.4 in	11.2 in	16.3 in	WT
1210001	$(200 \times 150 \text{ mm})$	(265 mm)	(285 mm)	(413 mm)	V 1
1210WT	12 × 10 in	13.0 in	12.3 in	16.3 in	WT
1210001	$(200 \times 100 \text{ mm})$	(329 mm)	(313 mm)	(413 mm)	VVI
1=10111	(200 × 100 mm)	(329 mm)	(313 mm)	(413 mm)	



#### 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

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## INJECTION MOLDED BELL/BELL COUPLER

PART #	PIPE SIZE	А	В	С	JOINT
0413WT	4 x 4 in (100 x 100 mm)	2.3 in (59 mm)	<b>4.7 in</b> (119 mm)	5.6 in (141 mm)	WT
0613WT	6 × 6 in	3.5 in	6.9 in	7.9 in	WT
0013771	(150 × 150 mm)	(88 mm)	(176 mm)	(201 mm)	V V I
0813WT	8 × 8 in	4.3 in	8.6 in	10.4 in	WT
0013001	(200 × 200 mm)	(108 mm)	(217 mm)	(263 mm)	V V I
1013WT	10 × 10 in	5.5 in	11.0 in	12.9 in	WT
1013001	(250 × 250 mm)	(140 mm)	(279 mm)	(326 mm)	VVI

# C

#### 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)

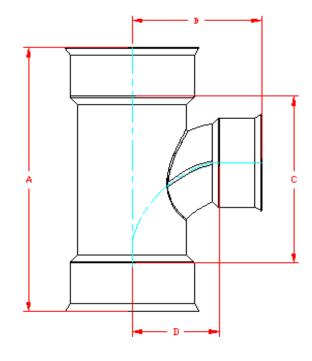
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



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

## INJECTION MOLDED SWEEPING TEE 8"x4" - 12"x6" DIAMETER

PART #	PIPE SIZE	А	В	С	D	JOINT
0863ST	8 × 4 in	16.0 in	8.1 in	9.4 in	6.0 in	ST
000001	$(200 \times 100 \text{ mm})$	(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
0003771	(200 × 100 mm)	(406 mm)	(206 mm)	(239 mm)	(151 mm)	V V I
0836ST	8 × 6 in	21.8 in	10.0 in	13.8 in	6.8 in	ST
003031	(200 × 150 mm)	(554 mm)	(255 mm)	(349 mm)	(171 mm)	31
0836WT	8 × 6 in	21.8 in	10.0 in	13.8 in	6.8 in	WT
0030771	(200 × 150 mm)	(554 mm)	(255 mm)	(349 mm)	(171 mm)	V 1
1036ST	10 × 6 in	22.5 in	14.1 in	12.5 in	10.9 in	ST
100001	$(250 \times 150 \text{ mm})$	(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
1030001	$(250 \times 150 \text{ mm})$	(572 mm)	(359 mm)	(317 mm)	(276 mm)	VVI
1236WT	12 × 6 in	24.5 in	14.1 in	11.8 in	10.9 in	WT
1230001	$(300 \times 150 \text{ mm})$	(622 mm)	(359 mm)	(299 mm)	(276 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)



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

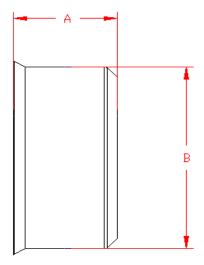
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## INJECTION MOLDED END CAP

PART #	PIPE SIZE	А	В	JOINT
0432WT	<b>4 in</b> (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)



NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



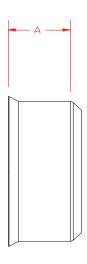
DRAWING #:	3800	
DRAWN BY:	JCB	03.28.07
APPROVED BY:		
REVISIONS:	NJP	06.15.07

# INJECTION MOLDED BELL LENGTH (REFERENCE CHART)

PIPE SIZE	BELL* LENGTH
4 in	2.2 in
(100 mm)	(56 mm)
6 in	3.3 in
(150 mm)	(84 mm)
8 in	4.0 in
8 in (200 mm)	4.0 in (102 mm)
<b>.</b>	
(200 mm)	(102 mm)
(200 mm) 10 in	(102 mm) 5.0 in



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



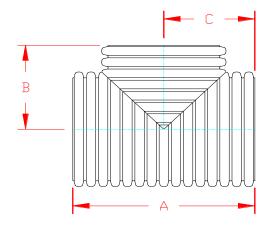
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



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

# DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" SINGLE MANIFOLD 12" - 30" DIAMETER

PART #	PIPE SIZE	А	В	С
1251AN	12 in (300 mm)	25.4 in (645 mm)	12.7 in (323 mm)	12.7 in (323 mm)
1551AN	15 in (375 mm)	28.9 in (734 mm)	14.5 in (367 mm)	14.5 in (367 mm)
1851AN	18 in	35.3 in	17.6 in	17.6 in
	(450 mm)	(896 mm)	(448 mm)	(448 mm)
2451AN	(450 mm) 24 in (600 mm)	(896 mm) 41.4 in (1051 mm)	20.7 in (526 mm)	20.7 in (526 mm)

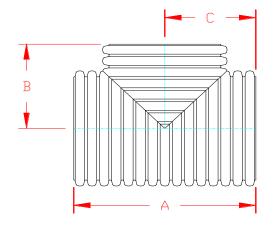




DRAWING #:	4000	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09

# DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" SINGLE MANIFOLD 36" - 60" DIAMETER

PART #	PIPE SIZE	А	В	С
3651AN	<b>36 in</b> (900 mm)	63.0 in (1599 mm)	31.5 in (800 mm)	<b>31.5 in</b> (800 mm)
4251AN	<b>42 in</b> (1050 mm)	71.9 in (1827 mm)	<b>36.0 in</b> (914 mm)	<b>36.0 in</b> (914 mm)
4851AN	48 in (1200 mm)	78.5 in (1994 mm)	39.3 in (997 mm)	39.3 in (997 mm)
6051AN	<b>60 in</b> (1500 mm)	90.0 in (2286 mm)	<b>45.0 in</b> (1143 mm)	<b>45.0 in</b> (1143 mm)

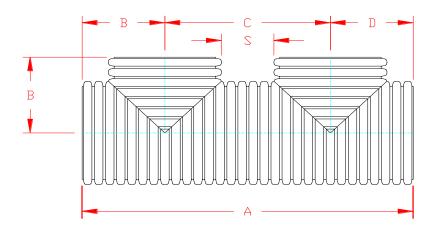




DRAWING #:	4000A	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.28.07

# DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" DOUBLE MANIFOLD 12" - 30" DIAMETER

PART #	PIPE SIZE	А	В	С	D	S
1252AN	12 in	50.8 in	12.7 in	25.4 in	12.7 in	11.0 in
	(300 mm)	(1290 mm)	(323 mm)	(645 mm)	(323 mm)	(279 mm)
1552AN	<b>15 in</b>	57.8 in	14.5 in	28.9 in	14.5 in	11.4 in
	(375 mm)	(1468 mm)	(367 mm)	(734 mm)	(367 mm)	(289 mm)
1852AN	18 in	70.6 in	17.6 in	35.3 in	17.6 in	14.1 in
	(450 mm)	(1792 mm)	(448 mm)	(896 mm)	(448 mm)	(358 mm)
2452AN	(450 mm)	(1792 mm)	(448 mm)	(896 mm)	(448 mm)	(358 mm)
	24 in	82.7 in	20.7 in	41.4 in	20.7 in	13.7 in
	(600 mm)	(2102 mm)	(526 mm)	(1051 mm)	(526 mm)	(347 mm)



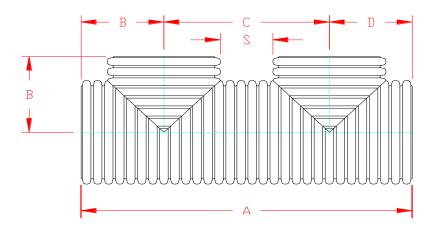
Advanced Drainage Systems, Inc.

DRAWING #:	4005	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09
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NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" DOUBLE MANIFOLD 36" - 60" DIAMETER

PART #	PIPE SIZE	А	В	С	D	S
3652AN	<b>36 in</b> (900 mm)	125.9 in (3199 mm)	31.5 in (800 mm)	63.0 in (1599 mm)	31.5 in (800 mm)	21.8 in (554 mm)
4252AN	42 in	143.9 in	36.0 in	71.9 in	36.0 in	24.1 in
7202/114	(1050 mm)	(3654 mm)	(914 mm)	(1827 mm)	(914 mm)	(613 mm)
4852AN	48 in	157.0 in	39.3 in	78.5 in	39.3 in	24.9 in
4032AN	(1200 mm)	(3988 mm)	(997 mm)	(1994 mm)	(997 mm)	(632 mm)
6052AN	60 in	180.0 in	45.0 in	90.0 in	45.0 in	23.9 in
0032AN	(1500 mm)	(4572 mm)	(1143 mm)	(2286 mm)	(1143 mm)	(607 mm)

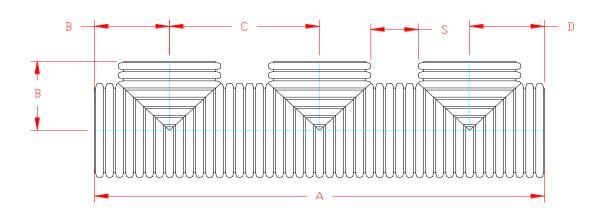




DRAWING #:	4005A	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.28.07

# DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" TRIPLE MANIFOLD 12" - 36" DIAMETER

PART #	PIPE SIZE	А	В	С	D	S
1253AN	12 in	76.2 in	12.7 in	25.4 in	12.7 in	11.0 in
	(300 mm)	(1936 mm)	(323 mm)	(645 mm)	(323 mm)	(279 mm)
1553AN	15 in	86.7 in	14.5 in	28.9 in	14.5 in	11.4 in
1000/111	(375 mm)	(2202 mm)	(367 mm)	(734 mm)	(367 mm)	(289 mm)
1853AN	18 in	105.8 in	17.6 in	35.3 in	17.6 in	14.1 in
TOSSAIN	(450 mm)	(2688 mm)	(448 mm)	(896 mm)	(448 mm)	(358 mm)
2453AN	24 in	124.1 in	20.7 in	41.4 in	20.7 in	13.7 in
2433AN	(600 mm)	(3152 mm)	(526 mm)	(1051 mm)	(526 mm)	(348 mm)
3053AN	30 in	159.1 in	26.5 in	53.1 in	26.5 in	18.2 in
3033AN	(750 mm)	(4042 mm)	(674 mm)	(1347 mm)	(674 mm)	(462 mm)
3653AN	36 in	188.9 in	31.5 in	63.0 in	31.5 in	21.8 in
JUJSAN	(900 mm)	(4798 mm)	(800 mm)	(1599 mm)	(800 mm)	(554 mm)



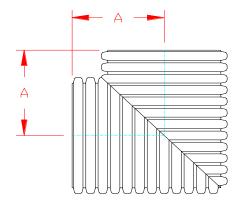
Advanced Drainage Systems, Inc.

DRAWING #:	4010	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09
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NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" 90° MANIFOLD BEND 12" - 30" DIAMETER

PART #	PIPE SIZE	А
1298AN	<b>12 in</b> (300 mm)	12.7 in (323 mm)
1598AN	<b>15 in</b> (375 mm)	14.5 in (367 mm)
1898AN	<b>18 in</b> (450 mm)	17.6 in (448 mm)
2498AN	24 in (600 mm)	20.7 in (526 mm)
3098AN	<b>30 in</b> (750 mm)	26.5 in (674 mm)

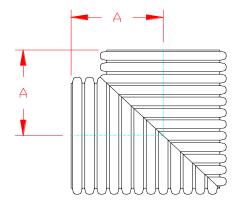




DRAWING #:	4015	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09

# DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" 90° MANIFOLD BEND 36" - 60" DIAMETER

PART #	PIPE SIZE	А
3698AN	<b>36 in</b> (900 mm)	31.5 in (800 mm)
4298AN	<b>42 in</b> (1050 mm)	<b>36.0 in</b> (914 mm)
4898AN	<b>48 in</b> (1200 mm)	39.3 in (997 mm)
6098AN	<b>60 in</b> (1500 mm)	<b>45.0 in</b> (1143 mm)

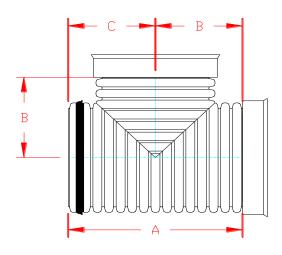




DRAWING #:	4015A	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

# DUAL WALL FABRICATED "WATER TIGHT" "BELL END" SINGLE MANIFOLD 12" - 30" DIAMETER

PART #	PIPE SIZE	А	В	С
1251AN65B	12 in (300 mm)	25.4 in (645 mm)	10.8 in (273 mm)	<b>14.7 in</b> (372 mm)
1551AN65B	15 in (375 mm)	28.9 in (734 mm)	11.8 in (300 mm)	17.1 in (434 mm)
1851AN65B	18 in	35.3 in	14.7 in	20.6 in
	(450 mm)	(896 mm)	(373 mm)	(523 mm)
2451AN65B	24 in (600 mm)	(896 mm) 41.4 in (1051 mm)	17.7 in (450 mm)	23.6 in (600 mm)



BELL END GASKET NOT INCLUDED WITH FITTING PLEASE ORDER SEPARATELY.

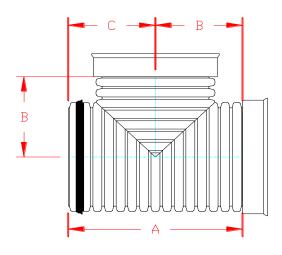
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	4020	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09

# DUAL WALL FABRICATED "WATER TIGHT" "BELL END" SINGLE MANIFOLD 36" - 60" DIAMETER

PART #	PIPE SIZE	А	В	С
3651AN65B	<b>36 in</b> (900 mm)	<b>63.0 in</b> (1599 mm)	26.2 in (666 mm)	<b>36.7 in</b> (933 mm)
4251AN65B	42 in	71.9 in	36.0 in	36.0 in
4231/AN03D	(1050 mm)	(1827 mm)	(914 mm)	(914 mm)
4851AN65B	48 in	78.5 in	39.3 in	39.3 in
403 TAN03D	(1200 mm)	(1994 mm)	(997 mm)	(997 mm)
6051AN65B	60 in	90.0 in	39.0 in	51.0 in
OOSTANOSB	(1500 mm)	(2286 mm)	(991 mm)	(1295 mm)



BELL END GASKET NOT INCLUDED WITH FITTING PLEASE ORDER SEPARATELY.

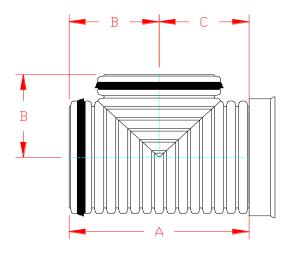
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	4020A	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.28.07

# DUAL WALL FABRICATED "WATER TIGHT" "GASKET END" SINGLE MANIFOLD 12" - 30" DIAMETER

PART #	PIPE SIZE	А	В	С
1251AN65G	12 in (300 mm)	25.4 in (645 mm)	<b>14.7 in</b> (372 mm)	10.8 in (273 mm)
1551AN65G	<b>15 in</b> (375 mm)	28.9 in (734 mm)	<b>17.1 in</b> (434 mm)	11.8 in (300 mm)
1851AN65G	18 in (450 mm)	35.3 in (896 mm)	20.6 in (523 mm)	14.7 in (373 mm)
	(100111111)	(000 111111)	(020 111111)	(3/3 111111)
2451AN65G	24 in (600 mm)	41.4 in (1051 mm)	23.6 in (600 mm)	17.7 in (450 mm)

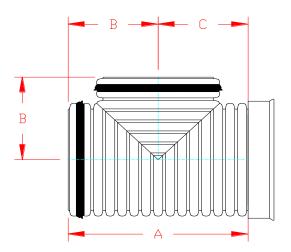




DRAWING #:	4025	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	KCB	06.28.07
REVISIONS:	TJR	05.12.09

# DUAL WALL FABRICATED "WATER TIGHT" "GASKET END" SINGLE MANIFOLD 36" - 60" DIAMETER

PART #	PIPE SIZE	А	В	С
3651AN65G	<b>36 in</b> (900 mm)	63.0 in (1599 mm)	<b>36.7 in</b> (933 mm)	26.2 in (666 mm)
4251AN65G	42 in	71.9 in	36.0 in	36.0 in
0.7 100 0	(1050 mm)	(1827 mm)	(914 mm)	(914 mm)
4851AN65G	48 in	78.5 in	39.3 in	39.3 in
4031711030	(1200 mm)	(1994 mm)	(997 mm)	(997 mm)
6051AN65G	60 in	90.0 in	51.0 in	39.0 in
605TAN65G	(1500 mm)	(2286 mm)	(1295 mm)	(991 mm)

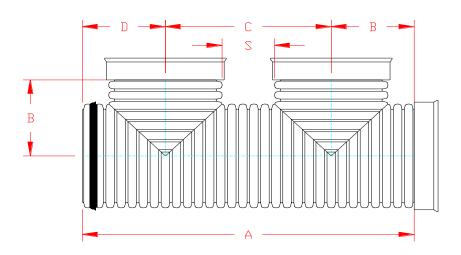




DRAWING #:	4025A	
DRAWN BY:	AWM	03.17.06
APPROVED BY:		
REVISIONS:	NJP	06.28.07
_		

## DUAL WALL FABRICATED "WATER TIGHT" "BELL END" DOUBLE MANIFOLD 12" - 30" DIAMETER

PART #	PIPE SIZE	А	В	С	D	S
1252AN65B	<b>12 in</b>	50.8 in	10.8 in	25.4 in	14.7 in	11.0 in
	(300 mm)	(1290 mm)	(273 mm)	(645 mm)	(372 mm)	(279 mm)
1552AN65B	<b>15 in</b>	57.8 in	11.8 in	28.9 in	17.1 in	11.4 in
	(375 mm)	(1468 mm)	(300 mm)	(734 mm)	(434 mm)	(289 mm)
1852AN65B	18 in	70.6 in	14.7 in	35.3 in	20.6 in	14.1 in
1002, 111008	(450 mm)	(1792 mm)	(373 mm)	(896 mm)	(523 mm)	(358 mm)
2452AN65B	(450 mm)	(1792 mm)	(373 mm)	(896 mm)	(523 mm)	(358 mm)
	24 in	82.7 in	17.7 in	41.4 in	23.6 in	13.7 in
	(600 mm)	(2102 mm)	(450 mm)	(1051 mm)	(600 mm)	(348 mm)



BELL END GASKET NOT INCLUDED WITH FITTING PLEASE ORDER SEPARATELY.

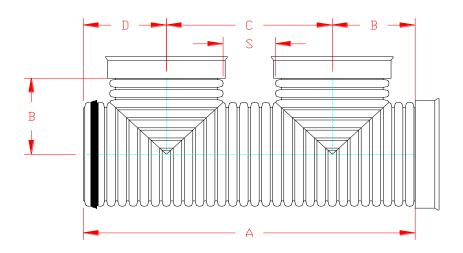
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	4030	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09

## DUAL WALL FABRICATED "WATER TIGHT" "BELL END" DOUBLE MANIFOLD 36" - 60" DIAMETER

PART #	PIPE SIZE	А	В	С	D	S
3652AN65B	<b>36 in</b> (900 mm)	125.9 in (3199 mm)	26.2 in (666 mm)	63.0 in (1599 mm)	<b>36.7 in</b> (933 mm)	21.8 in (554 mm)
4252AN65B	<b>42 in</b> (1050 mm)	143.9 in (3654 mm)	36.0 in (914 mm)	71.9 in (1827 mm)	36.0 in (914 mm)	24.1 in (613 mm)
4852AN65B	<b>48 in</b> (1200 mm)	157.0 in (3988 mm)	39.3 in (997 mm)	78.5 in (1994 mm)	39.3 in (997 mm)	24.9 in (632 mm)
6052AN65B	<b>60 in</b> (1500 mm)	180.0 in (4572 mm)	39.0 in (991 mm)	90.0 in (2286 mm)	<b>51.0 in</b> (1295 mm)	23.9 in (607 mm)



BELL END GASKET NOT INCLUDED WITH FITTING PLEASE ORDER SEPARATELY.

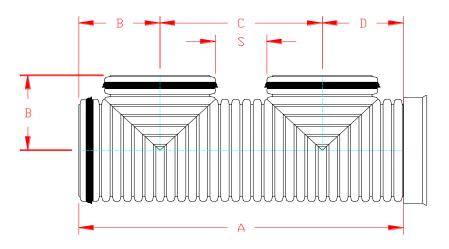
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	4030A	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.28.07

# DUAL WALL FABRICATED "WATER TIGHT" "GASKET END" DOUBLE MANIFOLD 12" - 30" DIAMETER

PART #	PIPE SIZE	А	В	С	D	S
1252AN65G	<b>12 in</b>	50.8 in	14.7 in	25.4 in	10.8 in	11.0 in
	(300 mm)	(1290 mm)	(372 mm)	(645 mm)	(273 mm)	(279 mm)
1552AN65G	<b>15 in</b>	57.8 in	17.1 in	28.9 in	11.8 in	11.4 in
	(375 mm)	(1468 mm)	(434 mm)	(734 mm)	(300 mm)	(289 mm)
1852AN65G	18 in	70.6 in	20.6 in	35.3 in	14.7 in	14.1 in
	(450 mm)	(1792 mm)	(523 mm)	(896 mm)	(373 mm)	(358 mm)
2452AN65G	<b>24 in</b> (600 mm)	82.7 in (2102 mm)	23.6 in (600 mm)	41.4 in (1051 mm)	<b>17.7 in</b> (450 mm)	13.7 in (348 mm)
3052AN65G	<b>30 in</b>	106.1 in	30.6 in	53.1 in	22.4 in	18.2 in
	(750 mm)	(2695 mm)	(777 mm)	(1347 mm)	(570 mm)	(462 mm)



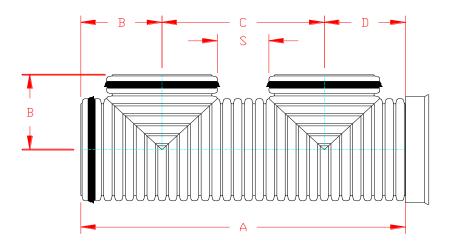


DRAWING #:	4035	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED "WATER TIGHT" "GASKET END" DOUBLE MANIFOLD 36" - 60" DIAMETER

PART #	PIPE SIZE	А	В	С	D	S
3652AN65G	<b>36 in</b> (900 mm)	125.9 in (3199 mm)	<b>36.7 in</b> (933 mm)	63.0 in (1599 mm)	26.2 in (666 mm)	21.8 in (554 mm)
4252AN65G	42 in	143.9 in	36.0 in	71.9 in	36.0 in	24.1 in
4232AN030	(1050 mm)	(3654 mm)	(914 mm)	(1827 mm)	(914 mm)	(613 mm)
4852AN65G	48 in	157.0 in	39.3 in	78.5 in	39.3 in	24.9 in
4032AN03G	(1200 mm)	(3988 mm)	(997 mm)	(1994 mm)	(997 mm)	(632 mm)
6052AN65G	60 in	180.0 in	51.0 in	90.0 in	39.0 in	23.9 in
0032AN03G	(1500 mm)	(4572 mm)	(1295 mm)	(2286 mm)	(991 mm)	(607 mm)



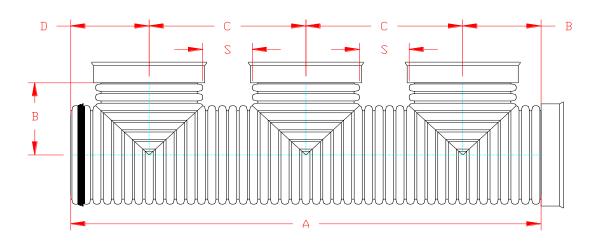


DRAWING #:	4035A	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.28.07

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

## DUAL WALL FABRICATED "WATER TIGHT" "BELL END" TRIPLE MANIFOLD 12" - 36" DIAMETER

PART #	PIPE SIZE	А	В	С	D	S
1253AN65B	12 in	76.2 in	10.8 in	25.4 in	14.7 in	11.0 in
	(300 mm)	(1936 mm)	(273 mm)	(645 mm)	(372 mm)	(279 mm)
1553AN65B	15 in	86.7 in	11.8 in	28.9 in	17.1 in	11.4 in
TOOOAINOOD	(375 mm)	(2202 mm)	(300 mm)	(734 mm)	(434 mm)	(289 mm)
1853AN65B	18 in	105.8 in	14.7 in	35.3 in	20.6 in	14.1 in
1000AN00D	(450 mm)	(2688 mm)	(373 mm)	(896 mm)	(523 mm)	(358 mm)
2453AN65B	24 in	124.1 in	17.7 in	41.4 in	23.6 in	13.7 in
2433AN03B	(600 mm)	(3152 mm)	(450 mm)	(1051 mm)	(600 mm)	(348 mm)
3053AN65B	30 in	159.1 in	22.4 in	53.1 in	30.6 in	18.2 in
3033AN03D	(750 mm)	(4042 mm)	(570 mm)	(1347 mm)	(777 mm)	(462 mm)
3653AN65B	36 in	188.9 in	26.2 in	63.0 in	36.7 in	21.8 in
GCONIACCOC	(900 mm)	(4798 mm)	(666 mm)	(1599 mm)	(933 mm)	(554 mm)



BELL END GASKET NOT INCLUDED WITH FITTING PLEASE ORDER SEPARATELY.

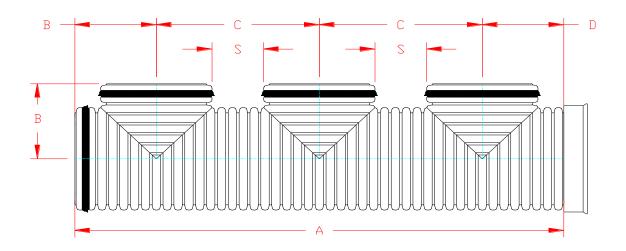
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	4040	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09

## DUAL WALL FABRICATED "WATER TIGHT" "GASKET END" TRIPLE MANIFOLD 12" - 36" DIAMETER

PART #	PIPE SIZE	А	В	С	D	S
1253AN65G	12 in	76.2 in	14.7 in	25.4 in	10.8 in	11.0 in
	(300 mm)	(1936 mm)	(372 mm)	(645 mm)	(273 mm)	(279 mm)
1553AN65G	15 in	86.7 in	17.1 in	28.9 in	11.8 in	11.4 in
1000/1000	(375 mm)	(2202 mm)	(434 mm)	(734 mm)	(300 mm)	(289 mm)
1853AN65G	18 in	105.8 in	20.6 in	35.3 in	14.7 in	14.1 in
1000AN000	(450 mm)	(2688 mm)	(523 mm)	(896 mm)	(373 mm)	(358 mm)
2453AN65G	24 in	124.1 in	23.6 in	41.4 in	17.7 in	13.7 in
2433AN03C	(600 mm)	(3152 mm)	(600 mm)	(1051 mm)	(450 mm)	(348 mm)
3053AN65G	30 in	159.1 in	30.6 in	53.1 in	22.4 in	18.2 in
SUSSAINUSG	(750 mm)	(4042 mm)	(777 mm)	(1347 mm)	(570 mm)	(462 mm)
3653AN65G	36 in	188.9 in	36.7 in	63.0 in	26.2 in	21.8 in
JUJJANUJU	(900 mm)	(4798 mm)	(933 mm)	(1599 mm)	(666 mm)	(554 mm)



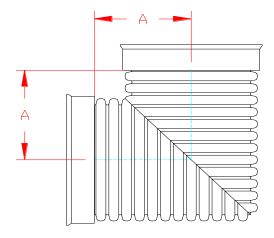


DRAWING #:	4045	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

# DUAL WALL FABRICATED "WATER TIGHT" "BELL-BELL" 90° MANIFOLD BEND 12" - 30" DIAMETER

PART #	PIPE SIZE	А
1298AN65BB	<b>12 in</b> (300 mm)	10.8 in (273 mm)
1598AN65BB	<b>15 in</b> (375 mm)	11.8 in (300 mm)
1898AN65BB	<b>18 in</b> (450 mm)	14.7 in (373 mm)
2498AN65BB	24 in (600 mm)	17.7 in (450 mm)
3098AN65BB	<b>30 in</b> (750 mm)	22.4 in (570 mm)



BELL END GASKET NOT INCLUDED WITH FITTING PLEASE ORDER SEPARATELY.

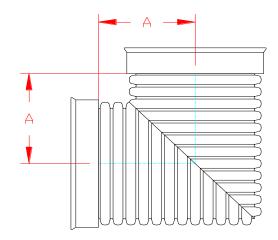
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	4050	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09

## DUAL WALL FABRICATED "WATER TIGHT" "BELL-BELL" 90° MANIFOLD BEND 36" - 60" DIAMETER

PART #	PIPE SIZE	А
3698AN65BB	<b>36 in</b> (900 mm)	26.2 in (666 mm)
4298AN65BB	<b>42 in</b> (1050 mm)	<b>36.0 in</b> (914 mm)
4898AN65BB	<b>48 in</b> (1200 mm)	39.3 in (997 mm)
6098AN65BB	<b>60 in</b> (1500 mm)	<b>39.0 in</b> (991 mm)



BELL END GASKET NOT INCLUDED WITH FITTING PLEASE ORDER SEPARATELY.

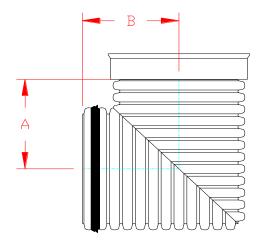
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	4050A	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.28.07

# DUAL WALL FABRICATED "WATER TIGHT" "BELL-GASKET" 90° MANIFOLD BEND 12" - 30" DIAMETER

PART #	PIPE SIZE	А	В
1298AN65BG	<b>12 in</b>	10.8 in	<b>14.7 in</b>
	(300 mm)	(273 mm)	(372 mm)
1598AN65BG	<b>15 in</b>	11.8 in	17.1 in
	(375 mm)	(300 mm)	(434 mm)
1898AN65BG	<b>18 in</b>	14.7 in	20.6 in
	(450 mm)	(373 mm)	(523 mm)
2498AN65BG	24 in (600 mm)	<b>17.7 in</b> (450 mm)	23.6 in (600 mm)
3098AN65BG	<b>30 in</b> (750 mm)	22.4 in (570 mm)	30.6 in (777 mm)



BELL END GASKET NOT INCLUDED WITH FITTING PLEASE ORDER SEPARATELY.

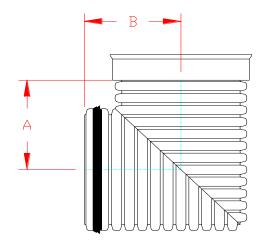
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	4055	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09

## DUAL WALL FABRICATED "WATER TIGHT" "BELL-GASKET" 90° MANIFOLD BEND 36" - 60" DIAMETER

PART#	PIPE SIZE	А	В
3698AN65BG	<b>36 in</b> (900 mm)	26.2 in (666 mm)	<b>36.7 in</b> (933 mm)
4298AN65BG	<b>42 in</b> (1050 mm)	<b>36.0 in</b> (914 mm)	<b>36.0 in</b> (914 mm)
4898AN65BG	<b>48 in</b> (1200 mm)	<b>39.3 in</b> (997 mm)	<b>39.3 in</b> (997 mm)
6098AN65BG	<b>60 in</b> (1500 mm)	<b>39.0 in</b> (991 mm)	51.0 in (1295 mm)



BELL END GASKET NOT INCLUDED WITH FITTING PLEASE ORDER SEPARATELY.

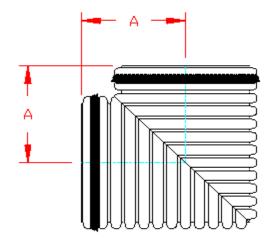
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	4055A	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.28.07

# DUAL WALL FABRICATED "WATER TIGHT" "GASKET-GASKET" 90° MANIFOLD BEND 12" - 30" DIAMETER

PART #	PIPE SIZE	А
1298AN65GG	<b>12 in</b> (300 mm)	14.7 in (372 mm)
1598AN65GG	<b>15 in</b> (375 mm)	17.1 in (434 mm)
	18 in	20.6 in
1898AN65GG	(450 mm)	(523 mm)
1898AN65GG 2498AN65GG	=	

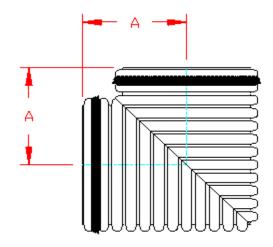




DRAWING #:	4060	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	05.12.09

# DUAL WALL FABRICATED "WATER TIGHT" "GASKET-GASKET" 90° MANIFOLD BEND 36" - 60" DIAMETER

PART #	PIPE SIZE	А
3698AN65GG	<b>36 in</b> (900 mm)	36.7 in (933 mm)
4298AN65GG	<b>42 in</b> (1050 mm)	<b>36.0 in</b> (914 mm)
4898AN65GG	<b>48 in</b> (1200 mm)	<b>39.3 in</b> (997 mm)
6098AN65GG	<b>60 in</b> (1500 mm)	51.0 in (1295 mm)





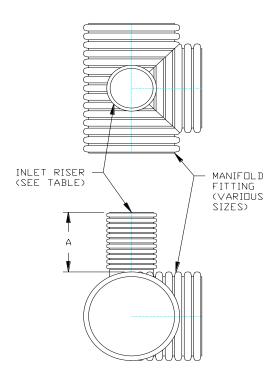
DRAWING #:	4060A	
DRAWN BY:	AWM	03.17.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.28.07

#### DUAL WALL FABRICATED MANIFOLD INLET RISER

PART #	PIPE SIZE	А
0403AN	<b>4 in</b> (100 mm)	24.0 in (610 mm)
0603AN	6 in (150 mm)	24.0 in (610 mm)
0803AN	8 in (200 mm)	24.0 in (610 mm)
1003AN	10 in (250 mm)	24.0 in (610 mm)
1203AN	12 in (300 mm)	24.0 in (610 mm)
1503AN	<b>15 in</b> (375 mm)	<b>36.0 in</b> (914 mm)
1803AN	<b>18 in</b> (450 mm)	<b>36.0 in</b> (914 mm)
2403AN	24 in (600 mm)	<b>36.0 in</b> (914 mm)

This component item can only be ordered with standard manifold fittings or standard pipe. When ordering this component item, be sure to include shop drawing showing the location of inlet riser on standard manifold or pipe product.

Contact your local sales representitive for acceptable size combinations, ie 48" manifold fitting with a 24" riser. Not all combinations of inlet riser on standard manifold or pipe product are allowed.



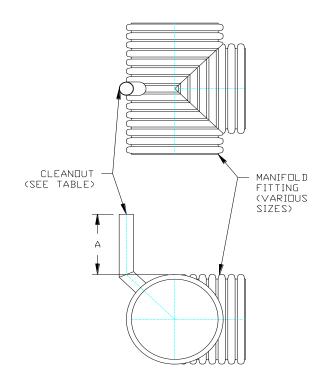


DRAWING #:	4065	
DRAWN BY:	AWM	07.13.06
APPROVED BY:	JCB	06.21.07
REVISIONS:	NJP	06.20.07

#### DUAL WALL FABRICATED MANIFOLD CLEANOUT RISER

PART#	PIPE SIZE	А
0402AN	4 in (100 mm)	36.0 in (914 mm)
0602AN	6 in (150 mm)	36.0 in (914 mm)
0802AN	8 in (200 mm)	<b>36.0 in</b> (914 mm)

This component item can only be ordered with standard manifold fittings or standard pipe. When ordering this component item, be sure to include shop drawing showing the location of cleanout riser on standard manifold.





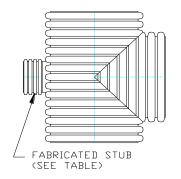
DRAWING #:	4070	
DRAWN BY:	AWM	07.13.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07
_		

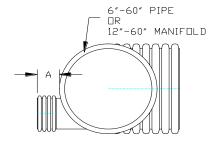
#### **DUAL WALL FABRICATED STUB**

PART #	PIPE SIZE	А
0406AN	<b>4 in</b> (100 mm)	12.0 in (305 mm)
0606AN	6 in (150 mm)	12.0 in (305 mm)
0806AN	8 in (200 mm)	12.0 in (305 mm)
1006AN	10 in (250 mm)	12.0 in (305 mm)
1206AN	12 in (300 mm)	12.0 in (305 mm)
1506AN	15 in (375 mm)	16.0 in (406 mm)
1806AN	18 in (450 mm)	16.0 in (406 mm)
2406AN	24 in (600 mm)	16.0 in (406 mm)

This component item can only be ordered with standard manifold fittings or standard pipe. When ordering this component item, be sure to include shop drawing showing the location of stub on standard manifold or pipe product.

Contact your local sales representitive for acceptable size combinations, ie 48" manifold fitting with a 24" stub. **Not all combinations of stub on standard manifold or pipe product are allowed.** 



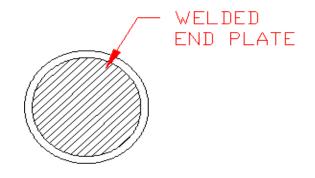




DRAWING #:	4075	
DRAWN BY:	AWM	07.13.06
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

# WELDED END PLATE (ST/WT CONNECTION)

PART#	PIPE SIZE	PLATE THICKNESS	STIFFENERS
0409AN	4 in (100 mm)	0.25"	0
0609AN	6 in (150 mm)	0.25"	0
0809AN	8 in (200 mm)	0.25"	0
1009AN	10 in (250 mm)	0.25"	0
1209AN	12 in (300 mm)	0.25"	0
1509AN	15 in (375 mm)	0.25"	0
1809AN	18 in (450 mm)	0.375"	0
2409AN	24 in (600 mm)	0.375"	0
3009AN	<b>30 in</b> (750 mm)	0.375"	0
3609AN	<b>36 in</b> (900 mm)	0.5"	2
4209AN	42 in (1050 mm)	0.5"	2
4809AN	48 in (1200 mm)	0.5"	2
6009AN	<b>60 in</b> (1500 mm)	0.5"	2

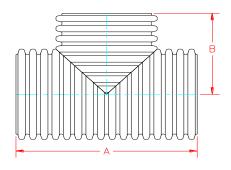


NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	4080	
DRAWN BY:	CRM	02.20.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	4/28/2016

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" SINGLE MANIFOLD 6" - 24" DIAMETER



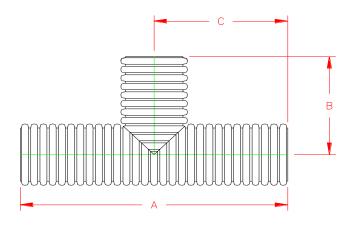
PART #	PIPE SIZE	CHAMBER SIZE	А	В
0651AN7406	6 in (150 mm)	SC-740	57.0 in (1447 mm)	28.5 in (724 mm)
0851AN7408	8 in (200 mm)	SC-740	56.6 in (1439 mm)	28.3 in (719 mm)
1051AN7410	10 in (250 mm)	SC-740	56.7 in (1440 mm)	28.4 in (720 mm)
1251AN7412	<b>12 in</b> (300 mm)	SC-740	<b>54.7 in</b> (1389 mm)	28.8 in (732 mm)
1251AN7412 1551AN7415	l	SC-740 SC-740		
	(300 mm) 15 in		(1389 mm) 54.5 in	(732 mm) 28.5 in

PART#	PIPE SIZE	CHAMBER SIZE	А	В
0651AN3106	6 in (150 mm)	SC-310	39.3 in (997 mm)	19.6 in (499 mm)
0851AN3108	8 in (200 mm)	SC-310	37.4 in (950 mm)	19.7 in (500 mm)
1051AN3110	10 in (250 mm)	SC-310	39.1 in (992 mm)	19.5 in (496 mm)
1251AN3112	12 in (300 mm)	SC-310	<b>37.1 in</b> (942 mm)	20.2 in (512 mm)



DRAWING #:	5000	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:	JKL	01.28.25
	RMC	05.05.25

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" SINGLE MANIFOLD 12" - 24" DIAMETER

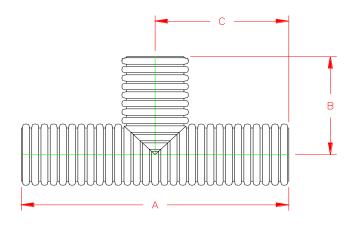


PART#	PIPE SIZE	CHAMBER SIZE	А	В	С
1251AN3512	12 in	3500	84.0 in	40.1 in	42.0 in
	(300 mm)		(2134 mm)	(1018 mm)	(1067 mm)
1551AN3515	15 in	3500	84.1 in	43.4 in	42.1 in
10017410010	(375 mm)	3300	(2135 mm)	(1101 mm)	(1068 mm)
1851AN3518	18 in	3500	82.3 in	44.1 in	41.2 in
1001AN0010	(450 mm)	3300	(2091 mm)	(1120 mm)	(1045 mm)
2451AN3524	24 in	3500	85.1 in	49.4 in	42.6 in
2451AN5524	(600 mm)	3300	(2160 mm)	(1255 mm)	(1081 mm)



DRAWING #:	5005	DATE
DRAWN BY:	CAS	01.06.2010
APPROVED BY:		
REVISIONS:	CAS	01.22.2020

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" SINGLE MANIFOLD 12" - 24" DIAMETER

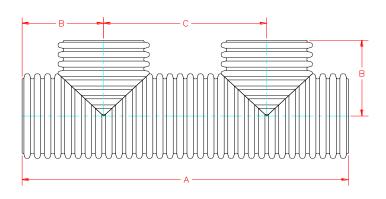


PART #	PIPE SIZE	CHAMBER SIZE	Α	В	С
1251AN4512	12 in (300 mm)	4500	109.2 in (2774 mm)	85.3 in (2167 mm)	<b>54.6 in</b> (1387 mm)
1551AN4515	15 in	4500	109.3 in	89.4 in	54.7 in
1001/4010	(375 mm)	4300	(2776 mm)	(2271 mm)	(1389 mm)
1851AN4518	18 in	4500	109.3 in	86.9 in	54.7 in
10317114310	(450 mm)	4300	(2776 mm)	(2207 mm)	(1389 mm)
2451AN4524	24 in	4500	110.6 in	86.1 in	55.3 in
2451AN4524	(600 mm)	4300	(2809 mm)	(2187 mm)	(1405 mm)



DRAWING #:	5010	DATE
DRAWN BY:	KAM	2/28/2013
APPROVED BY:		
REVISIONS:	WLG	3/19/2013

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" DOUBLE MANIFOLD 6" - 24" DIAMETER



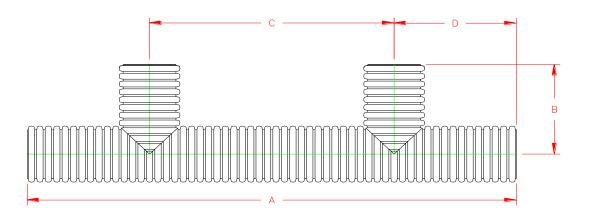
PART #	PIPE SIZE	CHAMBER SIZE	А	В	С
0652AN7406	6 in (150 mm)	SC-740	114.0 in (2896 mm)	28.5 in (724 mm)	<b>57.0 in</b> (1447 mm)
	8 in		113.3 in	28.3 in	56.6 in
0852AN7408	(200 mm)	SC-740	(2877 mm)	(719 mm)	(1439 mm)
1052AN7410	10 in	SC-740	113.4 in	28.4 in	56.7 in
1032AN7410	(250 mm)	30-740	(2880 mm)	(720 mm)	(1440 mm)
1252AN7412	12 in	SC-740	115.2 in	28.8 in	57.6 in
1202/11/14/12	(300 mm)	30-740	(2926 mm)	(732 mm)	(1463 mm)
1552AN7415	15 in	SC-740	114.0 in	28.5 in	57.0 in
1332AN7413	(375 mm)	30-740	(2895 mm)	(724 mm)	(1447 mm)
1852AN7418	18 in	SC-740	112.6 in	28.1 in	56.3 in
1002/10/410	(450 mm)	30-740	(2859 mm)	(715 mm)	(1430 mm)
2452AN7424	24 in	SC-740	113.4 in	28.4 in	56.7 in
2702/ANT 424	(600 mm)	303740	(2880 mm)	(720 mm)	(1440 mm)

PART#	PIPE SIZE	CHAMBER SIZE	А	В	С
0652AN3106	6 in (150 mm)	SC-310	<b>78.5 in</b> (1995 mm)	19.6 in (499 mm)	<b>39.3 in</b> (997 mm)
0852AN3108	8 in	SC-310	78.7 in	19.7 in	39.4 in
0002/110100	(200 mm)	00-310	(1999 mm)	(500 mm)	(1001 mm)
1052AN3110	10 in	SC-310	79.4 in	19.5 in	39.1 in
1002/110110	(250 mm)	00-310	(2016 mm)	(496 mm)	(992 mm)
1252AN3112	12 in	SC-310	80.6 in	20.2 in	40.3 in
1232/113112	(300 mm)	30-310	(2048 mm)	(512 mm)	(1024 mm)



DRAWING #:	5050	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:		

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" DOUBLE MANIFOLD 12" - 24" DIAMETER

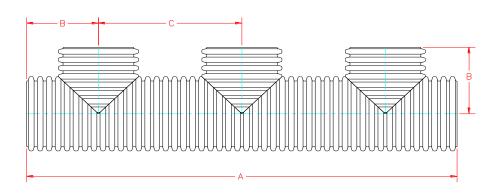


PART #	PIPE SIZE	CHAMBER SIZE	А	В	С	D
1252AN3512	12 in (300 mm)	3500	168.0 in (4268 mm)	<b>40.1 in</b> (1018 mm)	84.0 in (2134 mm)	<b>42.0 in</b> (1067 mm)
1552AN3515	<b>15 in</b> (375 mm)	3500	168.1 in (4270 mm)	<b>43.4 in</b> (1101 mm)	<b>84.1 in</b> (2135 mm)	<b>42.0 in</b> (1068 mm)
1852AN3518	18 in (450 mm)	3500	<b>164.6 in</b> (4182 mm)	<b>44.1 in</b> (1120 mm)	<b>82.3 in</b> (2091 mm)	41.2 in (1045 mm)
2452AN3524	24 in (600 mm)	3500	170.1 in (4321 mm)	<b>49.4 in</b> (1255 mm)	85.1 in (2160 mm)	<b>42.5 in</b> (1080 mm)



DRAWING #:	5055	DATE
DRAWN BY:	CAS	01.06.2010
APPROVED BY:		
REVISIONS:	CAS	01.22.2010

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" TRIPLE MANIFOLD 6" - 24" DIAMETER



PART#	PIPE SIZE	CHAMBER SIZE	А	В	С
0653AN7406	6 in (150 mm)	SC -740	170.9 in (4342 mm)	28.6 in (727 mm)	<b>57.0 in</b> (1447 mm)
0853AN7408	8 in (200 mm)	SC -740	169.9 in (4316 mm)	28.3 in (719 mm)	56.6 in (1439 mm)
1053AN7410	10 in (250 mm)	SC -740	170.1 in (4321 mm)	28.4 in (720 mm)	56.7 in (1440 mm)
1253AN7412	12 in (300 mm)	SC -740	172.8 in (4389 mm)	28.8 in (732 mm)	<b>57.6 in</b> (1463 mm)
1553AN7415	<b>15 in</b> (375 mm)	SC -740	170.9 in (4342 mm)	28.5 in (724 mm)	57.0 in (1447 mm)
1853AN7418	<b>18 in</b> (450 mm)	SC -740	168.8 in (4289 mm)	28.1 in (715 mm)	<b>56.3 in</b> (1430 mm)
2453AN7424	<b>24 in</b> (600 mm)	SC -740	170.1 in (4321 mm)	28.4 in (720 mm)	56.7 in (1440 mm)

PART #	PIPE SIZE	CHAMBER SIZE	А	В	С
0653AN3106	6 in (150 mm)	SC-310	117.8 in (2992 mm)	19.6 in (499 mm)	39.3 in (997 mm)
0853AN3108	8 in	SC-310	118.1 in	19.7 in	39.4 in
	(200 mm)		(2999 mm)	(500 mm)	(1000 mm)
1053AN3110	10 in	SC-310	117.2 in	19.5 in	39.1 in
1000/110110	(250 mm)	30-310	(2976 mm)	(496 mm)	(992 mm)
1253AN3112	12 in	SC-310	121.0 in	20.1 in	40.3 in
1233AN3112	(300 mm)	30-310	(3072 mm)	(511 mm)	(1024 mm)

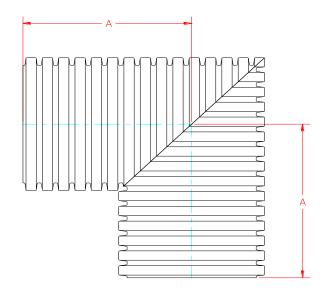


DRAWING #:	5100	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:		

### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" 90° MANIFOLD BEND 6" - 24" DIAMETER

PART#	PIPE SIZE	CHAMBER SIZE	Α
0698AN74	6 in (150 mm)	SC-740	28.6 in (727 mm)
0898AN74	8 in (200 mm)	SC-740	28.3 in (719 mm)
1098AN74	<b>10 in</b> (250 mm)	SC-740	28.4 in (720 mm)
1298AN74	<b>12 in</b> (300 mm)	SC-740	26.8 in (681 mm)
1598AN74	<b>15 in</b> (375 mm)	SC-740	28.5 in (724 mm)
1898AN74	<b>18 in</b> (450 mm)	SC-740	28.1 in (715 mm)
2498AN74	<b>24 in</b> (600 mm)	SC-740	28.4 in (720 mm)

PART#	PIPE SIZE	PIPE SIZE	А
0698AN31	6 in (150 mm)	SC-310	19.6 in (499 mm)
0898AN31	<b>8 in</b> (200 mm)	SC-310	18.7 in (475 mm)
1098AN31	<b>10 in</b> (250 mm)	SC-310	19.5 in (496 mm)
1298AN31	<b>12 in</b> (300 mm)	SC-310	18.6 in (472 mm)

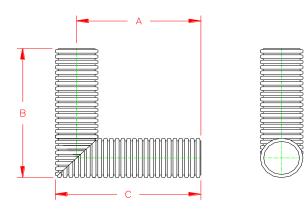


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Advanced Drainage Systems, Inc.	

DRAWING #:	5150	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:	JKL	01.28.25
	RMC	05.05.25

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" ELBOWS 12" - 24" DIAMETER

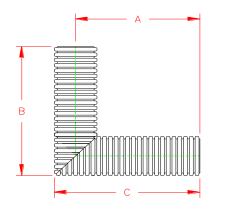


PART #	PIPE SIZE	CHAMBER SIZE	Α	В	С
1298AN3512	<b>12 in</b> (300 mm)	3500	<b>42.0 in</b> (1067 mm)	47.3 in (1201 mm)	<b>48.5 in</b> (1232 mm)
1598AN3515	15 in	3500	43.4 in	52.1 in	52.1 in
1000/10010	(375 mm)	3300	(1101 mm)	(1324 mm)	(1324 mm)
1898AN3518	18 in	3500	41.2 in	54.7 in	54.7 in
1030AN3310	(450 mm)	3300	(1045 mm)	(1389 mm)	(1389 mm)
2498AN3524	24 in	3500	42.5 in	63.3 in	56.0 in
2490AN3324	(600 mm)	3300	(1080 mm)	(1608 mm)	(1423 mm)



DRAWING #:	5175	DATE
DRAWN BY:	CAS	01.06.2010
APPROVED BY:		
REVISIONS:	CAS	01.22.2010

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" ELBOWS 12" - 24" DIAMETER



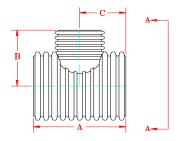
PART #	PIPE SIZE	CHAMBER SIZE	А	В	С
1298AN4512	12 in (300 mm)	4500	54.6 in (1387 mm)	92.6 in (2352 mm)	61.4 in (1560 mm)
1598AN4515	15 in	4500	54.6 in	99.3 in	63.3 in
1000/114-010	(375 mm)	4000	(1387 mm)	(2522 mm)	(1608 mm)
1898AN4518	18 in	4500	54.6 in	96.7 in	64.5 in
1030/114310	(450 mm)	4300	(1387 mm)	(2456 mm)	(1638 mm)
2498AN4524	24 in	4500	55.3 in	101.4 in	56.0 in
2430AN4324	(600 mm)	4300	(1405 mm)	(2576 mm)	(69 mm)

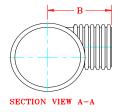


DRAWING #:	5195	DATE
DRAWN BY:	KAM	2/28/2013
APPROVED BY:		
REVISIONS:	WLG	3/19/2013

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" REDUCING SINGLE MANIFOLD 8" - 24" DIAMETER

PART#	PIPE SIZE	CHAMBER SIZE	А	В	С
0851AN3106	8" x 6" in	SC-310	39.4 in	11.4 in	19.7 in
000171110100	(200 x 150 mm)		(1000 mm)	(289 mm)	(500 mm)
1051AN3106	10" x 6" in	SC-310	39.1 in	12.4 in	19.5 in
100171110100	(250 x 150 mm)		(992 mm)	(315 mm)	(496 mm)
1051AN3108	10" X 8" in	SC-310	39.1 in	13.7 in	19.5 in
10017410100	(250 x 200 mm)		(992 mm)	(348 mm)	(496 mm)
1251AN3106	12" x 6" in	SC-310	40.3 in	14.4 in	20.2 in
	(300 x 150 mm)		(1024 mm)	(366 mm)	(512 mm)
1251AN3108	12" x 8" in	SC-310	40.3 in	15.7 in	20.2 in
	(300 x 200 mm)		(1024 mm)	(399 mm)	(512 mm)
1251AN3110	12" x 10" in	SC-310	40.3 in	16.6 in	20.2 in
	(300 x 250 mm)		(1024 mm)	(421 mm)	(512 mm)
1551AN3106	15" x 6" in	SC-310	38.9 in	13.4 in	19.9 in
	(375 x 150 mm)		(988 mm)	(341 mm)	(504 mm)
1551AN3108	15" x 8" in	SC-310	38.9 in	15.5 in	19.9 in
	(375 x 200 mm)		(988 mm)	(394 mm)	(504 mm)
1551AN3110	15" x 10" in	SC-310	38.9 in	16.4 in	19.9 in
	(375 x 250 mm)		(988 mm)	(415 mm)	(504 mm)
1551AN3112	15" x 12" in	SC-310	38.9 in	18.4 in	19.9 in
	(375 x 300 mm)		(988 mm)	(467 mm)	(504 mm)
1851AN3106	18" x 6" in	SC-310	40.2 in	17.4 in	20.1 in
	(450 x 150 mm)		(1021 mm)	(442 mm)	(511 mm)
1851AN3108	18" x 8" in	SC-310	40.2 in	18.7 in	20.1 in
	(450 x 200 mm)		(1021 mm)	(475 mm)	(511 mm)
1851AN3110	18" x 10" in	SC-310	40.2 in	19.6 in	20.1 in
	(450 x 250 mm)		(1021 mm)	(497 mm)	(511 mm)
1851AN3112	18" x 12" in	SC-310	40.2 in	21.6 in	20.1 in
	(450 x 300 mm)		(1021 mm)	(549 mm)	(511 mm)
2451AN3106	24" x 6" in	SC-310	41.0 in	19.7 in	20.5 in
	(600 x 150 mm)		(1040 mm)	(501 mm)	(520 mm)
2451AN3108	24" x 8" in	SC-310	41.0 in	22.2 in	20.5 in
	(600 x 200 mm)		(1040 mm)	(563 mm)	(520 mm)
2451AN3110	24" x 10" in	SC-310	41.0 in	22.6 in	20.5 in
	(600 x 250 mm)		(1040 mm)	(575 mm)	(520 mm)
2451AN3112	24" X 12" in	SC-310	41.0 in	24.6 in	20.5 in
	(600 x 300 mm)		(1040 mm)	(625 mm)	(520 mm)

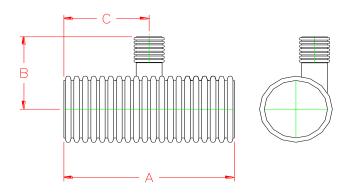






DRAWING #:	5200	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:		

### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" SINGLE REDUCING MANIFOLD 15"-24" DIAMETER (ECC)

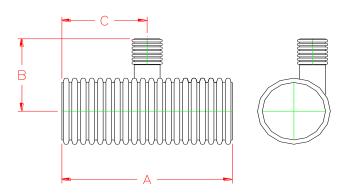


PART #	PIPE SIZE	CHAMBER SIZE	А	В	С
2451AN3512	24" X 12" in	3500	84.5 in	46.6 in	42.3 in
	(600 x 300 mm)		(2147 mm)	(1183 mm)	(1183 mm)
2451AN3515	24" x 15" in	3500	84.5 in	46.6 in	42.25
2401AN0010	(600 x 375 mm)	3300	(2147 mm)	(1184 mm)	(1184 mm)
2451AN3518	24" X 18" in	3500	84.5 in	46.6 in	42.25
2431AN3310	(250 x 450 mm)	3300	(2147 mm)	(1184 mm)	(1184 mm)
1851AN3515	18" x 15" in	3500	82.3 in	43.3 in	41.16
1001/10010	(450 x 375 mm)	3300	(2091 mm)	(1099 mm)	(1045 mm)
1851AN3512	18" x 12" in	3500	82.3 in	43.3 in	41.16
1001AN3012	(450 x 300 mm)	3300	(2091 mm)	(1099 mm)	(1099 mm)
1551AN3512	15" x 12" in	3500	84.1 in	42.1 in	42.05
1551AN3512	(375 x 300 mm)	3300	(2135 mm)	(1069 mm)	(1069 mm)



DRAWING #:	5205	DATE
DRAWN BY:	CAS	01.06.2010
APPROVED BY:		
REVISIONS:	CAS	01.22.2010

### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" SINGLE REDUCING MANIFOLD 15"-24" DIAMETER (ECC)



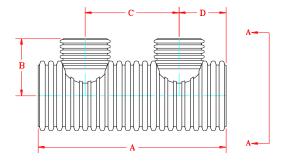
PART#	PIPE SIZE	CHAMBER SIZE	А	В	С
2451AN4512	24" X 12" in	4500	110.6 in	84.6 in	55.1 in
	(600 x 300 mm)		(2809 mm)	(2149 mm)	(1183 mm)
2451AN4515	24" x 15" in	4500	110.6 in	86.3 in	55.1
2431AN4313	(600 x 375 mm)	4300	(2809 mm)	(2192 mm)	(1184 mm)
2451AN4518	24" X 18" in	4500	110.6 in	84.8 in	55.1
2431AN4310	(250 x 450 mm)	4300	(2809 mm)	(2154 mm)	(1184 mm)
1851AN4515	18" x 15" in	4500	109.3 in	86.4 in	54.9
10317114313	(450 x 375 mm)	4300	(2776 mm)	(2195 mm)	(1394 mm)
1851AN4512	18" x 12" in	4500	109.3 in	85.9 in	54.9
1001/104012	(450 x 300 mm)	4300	(2776 mm)	(2182 mm)	(1099 mm)
1551AN4512	15" x 12" in	4500	109.3 in	90.1 in	54.4
1551AN4512	(375 x 300 mm)	4300	(2776 mm)	(2289 mm)	(1069 mm)

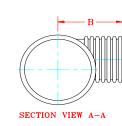


DRAWING #:	5210	DATE
DRAWN BY:	KAM	2/28/2013
APPROVED BY:		
REVISIONS:		

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" REDUCING DOUBLE MANIFOLD 8" - 24" DIAMETER

PART #	PIPE SIZE	CHAMBER SIZE	А	В	С	D
0852AN3106	8" x 6" in	SC-310	78.7 in	11.4 in	39.4 in	19.7 in
0032AN3100	(200 x 150 mm)	30-310	(1999 mm)	(289 mm)	(1000 mm)	(500 mm)
1052AN3106	10" x 6" in	SC-310	78.1 in	12.4 in	39.1 in	19.5 in
1032/1100	(250 x 150 mm)	00-310	(1984 mm)	(315 mm)	(992 mm)	(496 mm)
1052AN3108	10" X 8" in	SC-310	78.1 in	13.7 in	39.1 in	19.5 in
1002/1110100	(250 x 200 mm)	00 010	(1984 mm)	(348 mm)	(992 mm)	(496 mm)
1252AN3106	12" x 6" in	SC-310	80.6 in	14.4 in	40.3 in	20.2 in
1202/ 1110100	(300 x 150 mm)		(2048 mm)	(366 mm)	(1024 mm)	(512 mm)
1252AN3108	12" x 8" in	SC-310	80.6 in	15.7 in	40.3 in	20.2 in
	(300 x 200 mm)		(2048 mm)	(399 mm)	(1024 mm)	(512 mm)
1252AN3110	12" x 10" in	SC-310	80.6 in	16.6 in	40.3 in	20.2 in
1202/ 11101110	(300 x 250 mm)	000.0	(2048 mm)	(421 mm)	(1024 mm)	(512 mm)
1552AN3106	15" x 6" in	SC-310	77.7 in	13.4 in	38.9 in	19.9 in
1002/ 1110100	(375 x 150 mm)		(1974 mm)	(341 mm)	(987 mm)	(504 mm)
1552AN3108	15" x 8" in	SC-310	77.7 in	15.5 in	38.9 in	19.9 in
	(375 x 200 mm)		(1974 mm)	(394 mm)	(987 mm)	(504 mm)
1552AN3110	15" x 10" in	SC-310	77.7 in	16.4 in	38.9 in	19.9 in
	(375 x 250 mm)		(1974 mm)	(415 mm)	(987 mm)	(504 mm)
1552AN3112	15" x 12" in	SC-310	77.7 in	18.4 in	38.9 in	19.9 in
1002/ 1110112	(375 x 300 mm)	000.0	(1974 mm)	(467 mm)	(987 mm)	(504 mm)
1852AN3106	18" x 6" in	SC-310	80.4 in	17.4 in	40.2 in	20.1 in
	(450 x 150 mm)		(2042 mm)	(442 mm)	(1021 mm)	(511 mm)
1852AN3108	18" x 8" in	SC-310	80.4 in	18.7 in	40.2 in	20.1 in
	(450 x 200 mm)		(2042 mm)	(475 mm)	(1021 mm)	(511 mm)
1852AN3110	18" x 10" in	SC-310	80.4 in	19.6 in	40.2 in	20.1 in
	(450 x 250 mm)		(2042 mm)	(497 mm)	(1021 mm)	(511 mm)
1852AN3112	18" x 12" in	SC-310	80.4 in	21.6 in	40.2 in	20.1 in
	(450 x 300 mm)		(2042 mm)	(549 mm)	(1021 mm)	(511 mm)
2452AN3106	24" x 6" in	SC-310	81.9 in	19.7 in	41.0 in	20.5 in
	(600 x 150 mm)		(2080 mm)	(501 mm)	(1040 mm)	(520 mm)
2452AN3108	24" x 8" in	SC-310	80.9 in	22.2 in	41.0 in	20.5 in
	(600 x 200 mm)		(2055 mm)	(563 mm)	(1040 mm)	(520 mm)
2452AN3110	24" x 10" in	SC-310	81.9 in	22.6 in	41.0 in	20.5 in
	(600 x 250 mm)		(2080 mm)	(575 mm)	(1040 mm)	(520 mm)
2452AN3112	24" X 12" in	SC-310	81.9 in	24.6 in	41.0 in	20.5 in
	(600 x 300 mm)		(2080 mm)	(625 mm)	(1040 mm)	(520 mm)

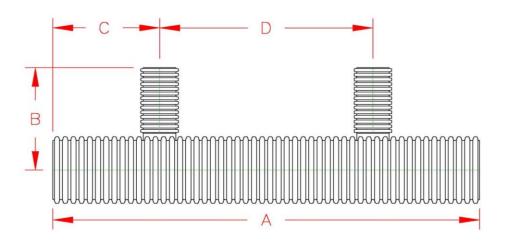




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DRAWING #:	5250	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:		

### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" DOUBLE REDUCING MANIFOLD 15"-24" DIAMETER (ECC)



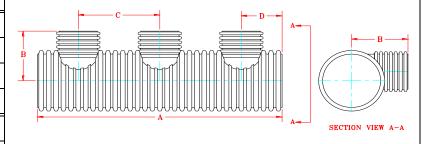
PART#	PIPE SIZE	CHAMBER SIZE	А	В	С	D
1552AN3512	15" x 12" in (375 x 300 mm)	3500	168.2 in (4272 mm)	<b>42.1 in</b> (1069 mm)	<b>42.1 in</b> (1068 mm)	84.1 in (2136 mm)
1852AN3512	18" x 12" in (450 x 300 mm)	3500	170.6 in (4333 mm)	<b>43.3 in</b> (1099 mm)	<b>43.3 in</b> (1100 mm)	85.3 in (2167 mm)
1852AN3515	18" x 15" in (450 x 375 mm)	3500	170.6 in (4333 mm)	<b>43.3 in</b> (1099 mm)	<b>43.3 in</b> (1099 mm)	85.3 in (2167 mm)
2452AN3512	24" X 12" in (600 x 300 mm)	3500	169.0 in (4293 mm)	<b>46.6 in</b> (1183 mm)	<b>42.3 in</b> (1073 mm)	84.5 in (2146 mm)
2452AN3515	24" x 15" in (600 x 375 mm)	3500	169.0 in (4293 mm)	46.6 in (1183 mm)	<b>42.3 in</b> (1074 mm)	84.5 in (2146 mm)
2452AN3518	24" X 18" in (250 x 450 mm)	3500	169.0 in (4293 mm)	<b>46.6 in</b> (1184 mm)	<b>42.7 in</b> (1085 mm)	84.5 in (2146 mm)



DRAWING #:	5255	DATE
DRAWN BY:	CAS	01.06.2010
APPROVED BY:		
REVISIONS:	CAS	01.22.2010

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" REDUCING TRIPLE MANIFOLD 8" - 24" DIAMETER

PART#	PIPE SIZE	CHAMBER SIZE	А	В	С	D
0853AN3106	8" x 6" in	SC-310	118.1 in	11.4 in	39.4 in	19.7 in
0033AIN3100	(200 x 150 mm)	00-310	(2999 mm)	(289 mm)	(1000 mm)	(500 mm)
1053AN3106	10" x 6" in	SC-310	117.2 in	12.4 in	39.1 in	19.5 in
1000/1110100	(250 x 150 mm)	00 010	(2976 mm)	(315 mm)	(992 mm)	(496 mm)
1053AN3108	10" X 8" in	SC-310	117.2 in	12.4 in	39.1 in	19.5 in
	(250 x 200 mm)		(2976 mm)	(315 mm)	(992 mm)	(496 mm)
1253AN3106	12" x 6" in	SC-310	121.0 in	14.4 in	40.3 in	20.2 in
	(300 x 150 mm)		(3072 mm)	(366 mm)	(1024 mm)	(512 mm)
1253AN3108	12" x 8" in	SC-310	121.0 in	15.7 in	40.3 in	20.2 in
	(300 x 200 mm)		(3072 mm)	(399 mm)	(1024 mm)	(512 mm)
1253AN3110	12" x 10" in	SC-310	121.0 in	16.6 in	40.3 in	20.2 in
	(300 x 250 mm)		(3072 mm)	(421 mm)	(1024 mm)	(512 mm)
1553AN3106	15" x 6" in	SC-310	116.6 in	13.4 in	38.9 in	19.9 in
	(375 x 150 mm)		(2962 mm)	(341 mm)	(987 mm)	(504 mm)
1553AN3108	15" x 8" in	SC-310	116.6 in	15.5 in	38.9 in	19.9 in
	(375 x 200 mm)		(2962 mm)	(394 mm)	(987 mm)	(504 mm)
1553AN3110	15" x 10" in	SC-310	116.6 in	16.4 in	38.9 in	19.9 in
	(375 x 250 mm)		(2962 mm)	(415 mm)	(987 mm)	(20 mm)
1553AN3112	15" x 12" in	SC-310	116.6 in	18.4 in	38.9 in	19.9 in
	(375 x 300 mm)		(2962 mm)	(467 mm)	(987 mm)	(504 mm)
1853AN3106	18" x 6" in	SC-310	120.6 in	17.4 in	40.2 in	20.1 in
	(450 x 150 mm)		(3063 mm)	(442 mm)	(1021 mm)	(511 mm)
1853AN3108	18" x 8" in	SC-310	120.6 in	18.7 in	40.2 in	20.1 in
	(450 x 200 mm) 18" x 10" in		(3063 mm) 120.6 in	(475 mm) 19.6 in	(1021 mm) 40.2 in	(511 mm) 20.1 in
1853AN3110	(450 x 250 mm)	SC-310	(3063 mm)	(497 mm)	(1021 mm)	(511 mm)
	18" x 12" in		120.6 in	21.6 in	40.2 in	20.1 in
1853AN3112	(450 x 300 mm)	SC-310	(3063 mm)	(549 mm)	(1021 mm)	(511 mm)
	24" x 6" in		122.9 in	19.7 in	41.0 in	20.5 in
2453AN3106	(600 x 150 mm)	SC-310	(3120 mm)	(501 mm)	(1040 mm)	(520 mm)
	24" x 8" in		122.9 in	22.2 in	41.0 in	20.5 in
2453AN3108	(600 x 200 mm)	SC-310	(3120 mm)	(563 mm)	(1040 mm)	(520 mm)
0.450.4.104.10	24" x 10" in	00.010	122.9 in	22.6 in	41.0 in	20.5 in
2453AN3110	(600 x 250 mm)	SC-310	(3120 mm)	(575 mm)	(1040 mm)	(520 mm)
2452412442	24" X 12" in	SC-310	122.9 in	24.6 in	41.0 in	20.5 in
2453AN3112	(600 x 300 mm)	30-310	(3120 mm)	(625 mm)	(1040 mm)	(520 mm)

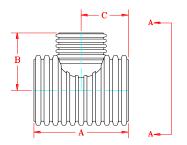


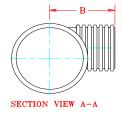


DRAWING #:	5300	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:		

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" REDUCING SINGLE MANIFOLD 8" - 18" DIAMETER

PART #	PIPE SIZE	CHAMBER SIZE	Α	В	С
0851AN7406	8" x 6" in	SC-740	56.6 in	10.0 in	28.3 in
	(200 x 150 mm)		(1439 mm)	(253 mm)	(719 mm)
1051AN7406	10" x 6" in	SC-740	56.7 in	11.1 in	28.4 in
	(250 x 150 mm)		(1440 mm)	(281 mm)	(720 mm)
1051AN7406	10" X 8" in	SC-740	56.7 in	12.4 in	28.4 in
	(250 x 200 mm)		(1440 mm)	(315 mm)	(720 mm)
1251AN7406	12" x 6" in	SC-740	54.7 in	12.6 in	27.3 in
.2017 1. 100	(300 x 150 mm)		(1389 mm)	(321 mm)	(693 mm)
1251AN7408	12" x 8" in	SC-740	54.7 in	14.0 in	27.3 in
120171117400	(300 x 200 mm)	00 140	(1389 mm)	(354 mm)	(693 mm)
1251AN7410	12" x 10" in	SC-740	54.7 in	14.8 in	27.3 in
1231/417410	(300 x 250 mm)	00-140	(1389 mm)	(376 mm)	(693 mm)
1551AN7406	15" x 6" in	SC-740	54.5 in	15.4 in	27.2 in
10017417400	(375 x 150 mm)	30-740	(1384 mm)	(391 mm)	(691 mm)
1551AN7408	15" x 8" in	SC-740	54.5 in	16.7 in	27.2 in
13317117400	(375 x 200 mm)	50-740	(1384 mm)	(425 mm)	(691 mm)
1551AN7410	15" x 10" in	SC-740	54.5 in	17.6 in	27.2 in
13317117410	(375 x 250 mm)	50-740	(1384 mm)	(446 mm)	(691 mm)
1551AN7412	15" x 12" in	SC-740	54.5 in	19.6 in	27.2 in
1331/1412	(375 x 300 mm)	30-740	(1384 mm)	(498 mm)	(691 mm)
1851AN7406	18" x 6" in	SC-740	54.5 in	17.4 in	27.2 in
1031/11/1400	(450 x 150 mm)	30-740	(1384 mm)	(442 mm)	(691 mm)
1851AN7408	18" x 8" in	SC-740	54.5 in	18.7 in	27.2 in
1031/11/1400	(450 x 200 mm)	30-740	(1384 mm)	(475 mm)	(691 mm)
1851AN7410	18" x 10" in	SC-740	54.5 in	17.0 in	27.2 in
1001/11/110	(450 x 250 mm)	30-740	(1384 mm)	(431 mm)	(691 mm)
1851AN7412	18" x 12" in	SC-740	54.5 in	21.6 in	27.2 in
1001/11/412	(450 x 300 mm)	30-740	(1384 mm)	(549 mm)	(691 mm)
1851AN7415	18" x 15" in	SC-740	54.5 in	22.4 in	27.2 in
1001/417710	(450 x 375 mm)	00-140	(1384 mm)	(568 mm)	(691 mm)



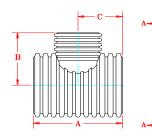


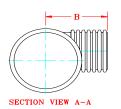


DRAWING #:	5350	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:		

#### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" REDUCING SINGLE MANIFOLD 24" - 48" DIAMETER

PART #	PIPE SIZE	CHAMBER SIZE	А	В	С
2451AN7406	24" x 6" in (600 x 150 mm)	SC-740	53.5 in (1359 mm)	20.4 in (518 mm)	26.7 in (678 mm)
2451AN7408	24" x 8" in (600 x 200 mm)	SC-740	<b>53.5 in</b> (1359 mm)	21.7 in (552 mm)	26.7 in (678 mm)
2451AN7410	24" X 10" in (600 x 250 mm)	SC-740	<b>53.5 in</b> (1359 mm)	22.6 in (573 mm)	26.7 in (678 mm)
2451AN7412	24" x12" in (600 x 300 mm)	SC-740	<b>53.5 in</b> (1359 mm)	24.6 in (625 mm)	26.7 in (678 mm)
2451AN7415	24" x 15" in (600 x 375 mm)	SC-740	<b>53.5 in</b> (1359 mm)	25.4 in (644 mm)	26.7 in (678 mm)
2451AN7418	24" x 18" in (600 x 450 mm)	SC-740	<b>53.5 in</b> (1359 mm)	25.7 in (653 mm)	26.7 in (678 mm)
3051AN7406	<b>30" x 6" in</b> (750 x 150 mm)	SC-740	54.0 in (1372 mm)	25.4 in (645 mm)	27.0 in (686 mm)
3051AN7412	30" x 12" in (750 x 300 mm)	SC-740	54.0 in (1372 mm)	29.6 in (752 mm)	27.0 in (686 mm)
3051AN7415	30" x 15" in (750 x 375 mm)	SC-740	54.0 in (1372 mm)	30.4 in (772 mm)	27.0 in (686 mm)
3051AN7418	30" x 18" in (750 x 450 mm)	SC-740	54.0 in (1372 mm)	<b>30.7 in</b> (780 mm)	27.0 in (686 mm)
3051AN7424	30" x 24 in (750 x 600 mm)	SC-740	54.0 in (1372 mm)	27.0 in (686 mm)	27.0 in (686 mm)
3651AN7412	36" x 12" in (900 x 300 mm)	SC-740	56.5 in (1435 mm)	31.6 in (803 mm)	28.2 in (29 mm)
3651AN7415	36" x 15" in (900 x 375 mm)	SC-740	56.5 in (1435 mm)	<b>32.4 in</b> (823 mm)	28.2 in (716 mm)
3651AN7418	36" x 18" in (900 x 450 mm)	SC-740	56.5 in (1435 mm)	<b>32.7 in</b> (831 mm)	28.2 in (716 mm)
3651AN7424	36" x 24" in (900 x 600 mm)	SC-740	56.5 in (1435 mm)	31.3 in (795 mm)	28.2 in (716 mm)



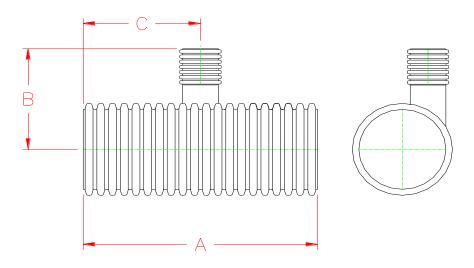


PART#	PIPE SIZE	CHAMBER	A	В	С
4251AN7412	42" x 12" in (1050 x 300 mm)	SC-740	<b>57.1 in</b> (1450 mm)	<b>34.6 in</b> (879 mm)	28.6 in (725 mm)
4251AN7415	42" x 15" in (1050 x 375 mm)	SC-740	<b>57.1 in</b> (1450 mm)	35.4 in (899 mm)	28.6 in (725 mm)
4251AN7418	42" x 18" in (1050 x 450 mm)	SC-740	<b>57.1 in</b> (1450 mm)	<b>35.7 in</b> (907 mm)	28.6 in (725 mm)
4251AN7424	42" x24" in (1050 x 600 mm)	SC-740	57.1 in (1450 mm)	<b>34.3 in</b> (871 mm)	28.6 in (725 mm)
4851AN7412	48" x 12" in (1200 x 300 mm)	SC-740	<b>57.8 in</b> (1467 mm)	<b>37.6 in</b> (955 mm)	28.9 in (734 mm)
4851AN7415	48" x 15 in (1200 x 375 mm)	SC-740	57.8 in (1467 mm)	38.4 in (975 mm)	28.9 in (734 mm)
4851AN7418	48" x 18" in (1200 x 450 mm)	SC-740	57.8 in (1467 mm)	38.7 in (983 mm)	28.9 in (734 mm)
4851AN7424	48" x 24" in (1200 x 600 mm)	SC-740	57.8 in (1467 mm)	37.3 in (947 mm)	28.9 in (734 mm)



DRAWING #:	5400	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:	RMC	05.05.25

### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" SINGLE REDUCING MANIFOLD 30" & 36" DIAMETER (ECC)

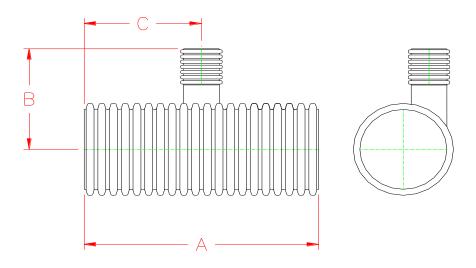


PART#	PIPE SIZE	CHAMBER SIZE	А	В	С
3051AN3512	30" X 12" in (750 x 300 mm)	3500	85.7 in (2177 mm)	<b>51.3 in</b> (1303 mm)	42.8 in (1088 mm)
3051AN3515	30" x 15" in (750 x 375 mm)	3500	85.7 in (2177 mm)	50.2 in (1276 mm)	<b>42.9 in</b> (1088 mm)
3051AN3518	30" X 18" in (750 x 450 mm)	3500	85.7 in (2177 mm)	50.2 in (1276 mm)	<b>42.9 in</b> (1088 mm)
3051AN3524	30" x 24" in (750 x 600 mm)	3500	85.7 in (2177 mm)	50.8 in (1291 mm)	<b>42.9 in</b> (1088 mm)
3651AN3512	36" x 12" in (900 x 300 mm)	3500	<b>83.7 in</b> (2127 mm)	<b>53.8 in</b> (1367 mm)	41.8 in (1063 mm)
3651AN3515	36" x 15" in (900 x 375 mm)	3500	83.7 in (2127 mm)	<b>53.8 in</b> (1367 mm)	41.9 in (1063 mm)
3651AN3518	36" x 18" in (900 x 450 mm)	3500	83.7 in (2127 mm)	<b>53.8 in</b> (1367 mm)	41.9 in (1063 mm)
3651AN3524	36" x 24" in (900 x 600 mm)	3500	83.7 in (2127 mm)	<b>54.4 in</b> (1383 mm)	41.9 in (1063 mm)



DRAWING #:	5415	DATE
DRAWN BY:	CAS	01.06.2010
APPROVED BY:		
REVISIONS:		

### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" SINGLE REDUCING MANIFOLD 30" & 36" DIAMETER (ECC)

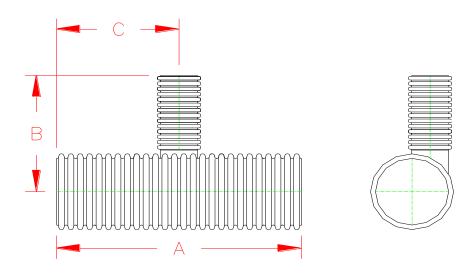


PART#	PIPE SIZE	CHAMBER SIZE	А	В	С
3051AN4512	30" X 12" in (750 x 300 mm)	4500	106.1 in (2695 mm)	84.9 in (2156 mm)	<b>53.5 in</b> (1359 mm)
3051AN4515	30" x 15" in (750 x 375 mm)	4500	106.1 in (2695 mm)	80.5 in (2045 mm)	53.5 in (1359 mm)
3051AN4518	30" X 18" in (750 x 450 mm)	4500	106.1 in (2695 mm)	81.2 in (2062 mm)	<b>53.5 in</b> (1359 mm)
3051AN4524	30" x 24" in (750 x 600 mm)	4500	106.1 in (2695 mm)	80.7 in (2050 mm)	<b>53.5 in</b> (1359 mm)
3651AN4512	36" x 12" in (900 x 300 mm)	4500	110.2 in (2799 mm)	<b>78.3 in</b> (1989 mm)	<b>55.1 in</b> (1400 mm)
3651AN4515	36" x 15" in (900 x 375 mm)	4500	110.2 in (2799 mm)	79.3 in (2014 mm)	<b>55.1 in</b> (1400 mm)
3651AN4518	36" x 18" in (900 x 450 mm)	4500	110.2 in (2799 mm)	<b>77.7 in</b> (1974 mm)	<b>55.1 in</b> (1400 mm)
3651AN4524	36" x 24" in (900 x 600 mm)	4500	110.2 in (2799 mm)	<b>78.1 in</b> (1984 mm)	<b>55.1 in</b> (1400 mm)



DRAWING #:	5420	DATE
DRAWN BY:	KAM	2/28/2013
APPROVED BY:		
REVISIONS:		

## STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" SINGLE REDUCING MANIFOLD 42" & 48" DIAMETER (ECC)

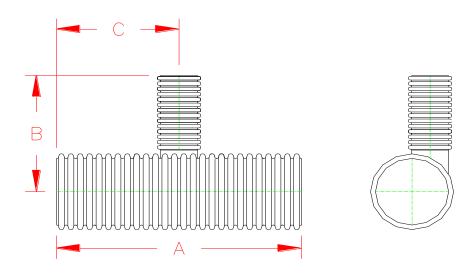


PART#	PIPE SIZE	CHAMBER SIZE	А	В	С
4251AN3512	42" X 12" in (1050 x 300 mm)	3500	82.2 in (2088 mm)	56.5 in (1436 mm)	<b>41.1 in</b> (1044 mm)
4251AN3515	42" x 15" in (1050 x 375 mm)	3500	82.2 in (2088 mm)	56.6 in (1436 mm)	<b>41.1 in</b> (1044 mm)
4251AN3518	42" X 18" in (1050 x 450 mm)	3500	82.2 in (2088 mm)	56.5 in (1436 mm)	<b>41.1 in</b> (1044 mm)
4251AN3524	42" x 24" in (1050 x 600 mm)	3500	82.2 in (2088 mm)	<b>57.1 in</b> (1451 mm)	<b>41.1 in</b> (1044 mm)
4851AN3512	48" X 12" in (1200 x 300 mm)	3500	83.7 in (2127 mm)	59.5 in (1511 mm)	41.9 in (1063 mm)
4851AN3515	48" x 15" in (1200 x 375 mm)	3500	83.7 in (2127 mm)	59.5 in (1510 mm)	41.9 in (1063 mm)
4851AN3518	48" X 18" in (1200 x 450 mm)	3500	83.7 in (2127 mm)	59.5 in (1511 mm)	41.9 in (1063 mm)
4851AN3524	48" x 24" in (1200 x 600 mm)	3500	83.7 in (2127 mm)	60.1 in (1526 mm)	41.9 in (1063 mm)



DRAWING #:	5430	DATE
DRAWN BY:	CAS	01.06.2010
APPROVED BY:		
REVISIONS:		

## STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" SINGLE REDUCING MANIFOLD 42" & 48" DIAMETER (ECC)



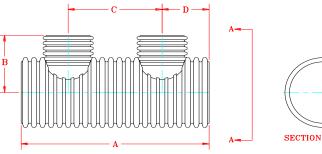
PART#	PIPE SIZE	CHAMBER SIZE	А	В	С
4251AN4512	42" X 12" in	4500	109.0 in	74.5 in	54.5 in
42017(14-012	(1050 x 300 mm)	4000	(2769 mm)	(1892 mm)	(1384 mm)
4251AN4515	42" x 15" in	4500	109.0 in	74.4 in	54.5 in
42317114313	(1050 x 375 mm)	4300	(2769 mm)	(1890 mm)	(1384 mm)
4251AN4518	42" X 18" in	4500	109.0 in	74.8 in	54.5 in
4231AN4316	(1050 x 450 mm)	4300	(2769 mm)	(1900 mm)	(1384 mm)
4251AN4524	42" x 24" in	4500	109.0 in	74.3 in	54.5 in
4251AN4524	(1050 x 600 mm)	4500	(2769 mm)	(1887 mm)	(1384 mm)
4851AN4512	48" X 12" in	4500	110.2 in	72.3 in	55.1 in
4001AN4012	(1200 x 300 mm)	4300	(2799 mm)	(1836 mm)	(1400 mm)
4851AN4515	48" x 15" in	4500	110.2 in	71.3 in	55.1 in
4001AN4010	(1200 x 375 mm)	4300	(2799 mm)	(1811 mm)	(1400 mm)
4851AN4518	48" X 18" in	4500	110.2 in	73.1 in	55.1 in
400 IAN40 10	(1200 x 450 mm)	4500	(2799 mm)	(1857 mm)	(1400 mm)
4851AN4524	48" x 24" in	4500	110.2 in	72.2 in	55.1 in
40017114024	(1200 x 600 mm)	4500	(2799 mm)	(1834 mm)	(1400 mm)

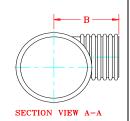


DRAWING #:	5440	DATE
DRAWN BY:	KAM	2/28/2013
APPROVED BY:		
REVISIONS:		

### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" REDUCING DOUBLE MANIFOLD 8" - 18" DIAMETER

PART #	PIPE SIZE	CHAMBER SIZE	А	В	С	D
0852AN7406	8" x 6" in (200 x 150 mm)	SC-740	113.3 in (2877 mm)	10.0 in (253 mm)	56.6 in (1439 mm)	28.3 in (719 mm)
	10" x 6" in		113.4 in	11.1 in	56.7 in	28.4 in
1052AN7406	(250 x 150 mm)	SC-740	(2880 mm)	(281 mm)	(1440 mm)	(720 mm)
	10" X 8" in		113.4 in	12.4 in	56.7 in	28.4 in
1052AN7408	(250 x 200 mm)	SC-740	(2880 mm)	(315 mm)	(1440 mm)	(720 mm)
	12" x 6" in	20 - 11	115.2 in	12.6 in	57.6 in	28.8 in
1252AN7406	(300 x 150 mm)	SC-740	(2926 mm)	(321 mm)	(1463 mm)	(732 mm)
40E0ANZ400	12" x 8" in	CC 740	115.2 in	14.0 in	57.6 in	28.8 in
1252AN7408	(300 x 200 mm)	SC-740	(2926 mm)	(354 mm)	(1463 mm)	(732 mm)
1252AN7410	12" x 10" in	SC-740	115.2 in	14.8 in	57.6 in	28.8 in
1252AN7410	(300 x 250 mm)	30-740	(2926 mm)	(376 mm)	(1463 mm)	(732 mm)
1552AN7406	15" x 6" in	SC-740	114.0 in	15.4 in	57.0 in	28.5 in
1332/11/1400	(375 x 150 mm)	30-740	(2895 mm)	(391 mm)	(1447 mm)	(724 mm)
1552AN7408	15" x 8" in	SC-740	114.0 in	16.7 in	57.0 in	28.5 in
1332/11/1400	(375 x 200 mm)	30-740	(2895 mm)	(425 mm)	(1447 mm)	(724 mm)
1552AN7410	15" x 10" in	SC-740	114.0 in	17.6 in	57.0 in	28.5 in
1002/11/1410	(375 x 250 mm)	00-7-40	(2895 mm)	(446 mm)	(1447 mm)	(724 mm)
1552AN7412	15" x 12" in	SC-740	114.0 in	19.6 in	57.0 in	28.5 in
1002/11/1412	(375 x 300 mm)	00-7-10	(2895 mm)	(498 mm)	(1447 mm)	(724 mm)
1852AN7406	18" x 6" in	SC-740	112.6 in	17.4 in	56.3 in	28.1 in
1032/11/1400	(450 x 150 mm)	00-7-40	(2859 mm)	(442 mm)	(1430 mm)	(715 mm)
1852AN7408	18" x 8" in	SC-740	112.6 in	18.7 in	56.3 in	28.1 in
1002/11/1400	(450 x 200 mm)	00-7-10	(2859 mm)	(475 mm)	(1430 mm)	(715 mm)
1852AN7410	18" x 10" in	SC-740	112.6 in	19.6 in	56.3 in	28.1 in
1002/111/710	(450 x 250 mm)	30-740	(2859 mm)	(497 mm)	(1430 mm)	(715 mm)
1852AN7412	18" x 12" in	SC-740	112.6 in	21.6 in	56.3 in	28.1 in
1002/1117 412	(450 x 300 mm)	20 740	(2859 mm)	(549 mm)	(1430 mm)	(715 mm)
1852AN7415	18" x 15" in	SC-740	112.6 in	22.4 in	56.3 in	28.1 in
1002/111/ 410	(450 x 375 mm)	00 7 40	(2859 mm)	(568 mm)	(1430 mm)	(715 mm)



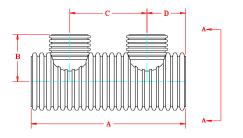




DRAWING #:	5450	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:		

### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" REDUCING DOUBLE MANIFOLD 24" - 48" DIAMETER

PART#	PIPE SIZE	CHAMBER SIZE	Α	В	С	D
2452AN7406	24" x 6" in	SC-740	113.4 in	20.4 in	56.7 in	28.4 in
	(600 x 150 mm)		(2880 mm)	(518 mm)	(1440 mm)	(720 mm)
2452AN7408	24" x 8" in (600 x 200 mm)	SC-740	113.4 in (2880 mm)	22.2 in (563 mm)	56.7 in (1440 mm)	28.4 in (720 mm)
	24" X 10" in		113.4 in	22.6 in	56.7 in	28.4 in
2452AN7410	(600 x 250 mm)	SC-740	(2880 mm)	(575 mm)	(1440 mm)	(720 mm)
04504NI7440	24" x12" in	00.740	113.4 in	24.6 in	56.7 in	28.4 in
2452AN7412	(600 x 300 mm)	SC-740	(2880 mm)	(625 mm)	(1440 mm)	(720 mm)
2452AN7415	24" x 15" in	SC-740	113.4 in	25.4 in	56.7 in	28.4 in
2452AN7415	(600 x 375 mm)	30-740	(2880 mm)	(644 mm)	(1440 mm)	(720 mm)
2452AN7418	24" x 18" in	SC-740	113.4 in	24.6 in	56.7 in	28.4 in
2432AN7410	(600 x 450 mm)	30-740	(2880 mm)	(625 mm)	(1440 mm)	(720 mm)
3052AN7406	30" x 6" in	SC-740	115.4 in	25.4 in	57.7 in	28.8 in
3032AIVI 400	(750 x 150 mm)	00 740	(2930 mm)	(645 mm)	(1465 mm)	(733 mm)
3052AN7412	30" x 12" in	SC-740	115.4 in	29.6 in	57.7 in	28.8 in
3032AIVI 412	(750 x 300 mm)	00 740	(2930 mm)	(752 mm)	(1465 mm)	(733 mm)
3052AN7415	30" x 15" in	SC-740	115.4 in	30.4 in	57.7 in	28.8 in
0002/111/110	(750 x 375 mm)	00 / 10	(2930 mm)	(772 mm)	(1465 mm)	(733 mm)
3052AN7418	30" x 18" in	SC-740	115.4 in	30.7 in	57.7 in	28.8 in
	(750 x 450 mm)		(2930 mm)	(780 mm)	(1465 mm)	(733 mm)
3052AN7424	30" x 24 in	SC-740	115.4 in	27.0 in	57.7 in	28.8 in
	(750 x 600 mm)		(2930 mm)	(686 mm)	(1465 mm)	(733 mm)
3652AN7412	36" x 12" in	SC-740	115.5 in	31.6 in	57.8 in	28.9 in
	(900 x 300 mm)		(2934 mm)	(803 mm)	(29 mm)	(29 mm)
3652AN7415	36" x 15" in	SC-740	115.5 in	32.4 in	57.8 in	28.9 in
	(900 x 375 mm)		(2934 mm)	(823 mm)	(1467 mm)	(734 mm)
3652AN7418	36" x 18" in	SC-740	115.5 in	32.7 in	57.8 in	28.9 in
	(900 x 450 mm)		(2934 mm)	(831 mm)	(1467 mm)	(734 mm)
3652AN7424	36" x 24" in	SC-740	115.5 in	31.3 in	57.8 in	28.9 in
<u> </u>	(900 x 600 mm)		(2934 mm)	(795 mm)	(1467 mm)	(734 mm)



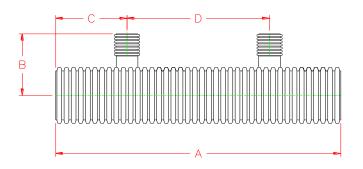


PART #	PIPE SIZE	CHAMBER SIZE	Α	В	С	D
4252AN7412	42" x 12" in	SC-740	114.2 in	34.6 in	57.1 in	28.6 in
	(1050 x 300 mm)		(2900 mm)	(879 mm)	(1450 mm)	(725 mm)
4252AN7415	42" x 15" in	SC-740	114.2 in	35.4 in	57.1 in	28.6 in
12027 11 110	(1050 x 375 mm)	00 / 10	(2900 mm)	(899 mm)	(1450 mm)	(725 mm)
4252AN7418	42" x 18" in	SC-740	114.2 in	34.6 in	57.1 in	28.6 in
4232/11/1410	(1050 x 450 mm)	00-140	(2900 mm)	(878 mm)	(1450 mm)	(725 mm)
4252AN7424	42" x24" in	SC-740	114.2 in	34.3 in	57.1 in	28.6 in
7232/1117 727	(1050 x 600 mm)	00	(2900 mm)	(871 mm)	(1450 mm)	(725 mm)
4852AN7412	48" x 12" in	SC-740	115.5 in	37.6 in	57.8 in	28.9 in
4032/11/7 412	(1200 x 300 mm)	00-140	(2934 mm)	(955 mm)	(1467 mm)	(734 mm)
4852AN7415	48" x 15 in	SC-740	115.5 in	38.4 in	57.8 in	28.9 in
4032/11/1413	(1200 x 375 mm)	00-140	(2934 mm)	(975 mm)	(1467 mm)	(734 mm)
4852AN7418	48" x 18" in	SC-740	115.5 in	38.7 in	57.8 in	28.9 in
4032/11/410	(1200 x 450 mm)	30-740	(2934 mm)	(983 mm)	(1467 mm)	(734 mm)
4852AN7424	48" x 24" in	SC-740	115.5 in	37.3 in	57.8 in	28.9 in
7002/111/424	(1200 x 600 mm)	55.740	(2934 mm)	(947 mm)	(1467 mm)	(734 mm)



DRAWING #:	5500	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:		

## STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" DOUBLE REDUCING MANIFOLD 30" & 36" DIAMETER (ECC)

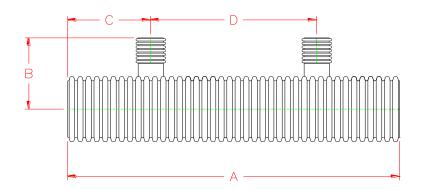


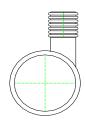
r						
PART#	PIPE SIZE	CHAMBER SIZE	А	В	С	D
3052AN3512	30" X 12" in	3500	171.4 in	51.3 in	42.8 in	85.7 in
3032AN3312	(750 x 300 mm)	3300	(4353 mm)	(1303 mm)	(1088 mm)	(2177 mm)
3052AN3515	30" x 15" in	3500	171.4 in	50.2 in	42.9 in	85.7 in
3032AN3313	(750 x 375 mm)	3300	(4353 mm)	(1276 mm)	(1088 mm)	(2177 mm)
3052AN3518	30" X 18" in	3500	171.4 in	50.2 in	42.9 in	85.7 in
3032AN3310	(750 x 450 mm)	3300	(4353 mm)	(1276 mm)	(1088 mm)	(2177 mm)
3052AN3524	30" x 24" in	3500	171.4 in	50.8 in	42.9 in	85.7 in
3032AN3324	(750 x 600 mm)		(4353 mm)	(1291 mm)	(1088 mm)	(2177 mm)
3652AN3512	36" x 12" in	3500	167.5 in	53.8 in	41.8 in	83.7 in
3032AN3312	(900 x 300 mm)		(4254 mm)	(1367 mm)	(1063 mm)	(2127 mm)
3652AN3515	36" x 15" in	3500	167.5 in	53.8 in	41.9 in	83.7 in
3032AN3313	(900 x 375 mm)	3300	(4254 mm)	(1367 mm)	(1063 mm)	(2127 mm)
3652AN3518	36" x 18" in	3500	167.5 in	53.8 in	41.9 in	83.7 in
3032AN3310	(900 x 450 mm)	3300	(4254 mm)	(1367 mm)	(1063 mm)	(2127 mm)
3652AN3524	36" x 24" in	3500	167.5 in	54.4 in	41.9 in	83.7 in
3052AN3524	(900 x 600 mm)	3300	(4254 mm)	(1383 mm)	(1063 mm)	(2127 mm)



DRAWING #:	5515	DATE
DRAWN BY:	CAS	01.06.2010
APPROVED BY:		
REVISIONS:		

## STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" DOUBLE REDUCING MANIFOLD 42" & 48" DIAMETER (ECC)





PART#	PIPE SIZE	CHAMBER SIZE	А	В	С	D
4252AN3512	42" X 12" in (1050 x 300 mm)	3500	164.4 in (4176 mm)	<b>56.5 in</b> (1436 mm)	<b>41.1 in</b> (1044 mm)	82.2 in (2088 mm)
4252AN3515	42" x 15" in (1050 x 375 mm)	3500	<b>164.4 in</b> (4176 mm)	<b>56.6 in</b> (1436 mm)	<b>41.1 in</b> (1044 mm)	82.2 in (2088 mm)
4252AN3518	42" X 18" in (1050 x 450 mm)	3500	164.4 in (4176 mm)	<b>56.5 in</b> (1436 mm)	<b>41.1 in</b> (1044 mm)	82.2 in (2088 mm)
4252AN3524	42" x 24" in (1050 x 600 mm)	3500	<b>164.4 in</b> (4176 mm)	<b>57.1 in</b> (1451 mm)	<b>41.1 in</b> (1044 mm)	82.2 in (2088 mm)
4852AN3512	48" X 12" in (1200 x 300 mm)	3500	167.5 in (4253 mm)	59.5 in (1511 mm)	<b>41.9 in</b> (1063 mm)	83.7 in (2127 mm)
4852AN3515	48" x 15" in (1200 x 375 mm)	3500	167.5 in (4253 mm)	59.5 in (1510 mm)	41.9 in (1063 mm)	83.7 in (2127 mm)
4852AN3518	48" X 18" in (1200 x 450 mm)	3500	167.5 in (4253 mm)	59.5 in (1511 mm)	<b>41.9 in</b> (1063 mm)	83.7 in (2127 mm)
4852AN3524	48" x 24" in (1200 x 600 mm)	3500	167.5 in (4253 mm)	<b>60.1 in</b> (1526 mm)	<b>41.9 in</b> (1063 mm)	83.7 in (2127 mm)

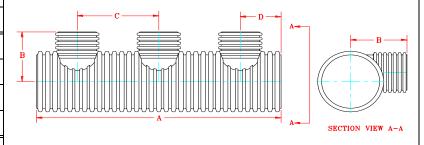


DRAWING #:	5530	DATE
DRAWN BY:	CAS	01.06.2010
APPROVED BY:		
REVISIONS:		

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" REDUCING TRIPLE MANIFOLD 8" - 18" DIAMETER

PART#	PIPE SIZE	CHAMBER SIZE	Α	В	С	D
0853AN7406	8" x 6" in	SC-740	169.9 in	10.0 in	56.6 in	28.3 in
	(200 x 150 mm)		(4316 mm)	(253 mm)	(1439 mm)	(719 mm)
1053AN7406	10" x 6" in	SC-740	170.1 in	11.1 in	56.7 in	28.4 in
	(250 x 150 mm)		(4321 mm)	(281 mm)	(1440 mm)	(720 mm)
1053AN7408	10" X 8" in	SC-740	170.1 in	12.4 in	56.7 in	28.4 in
1000/11/11/100	(250 x 200 mm)	00710	(4321 mm)	(315 mm)	(1440 mm)	(720 mm)
1253AN7406	12" x 6" in	SC-740	172.8 in	12.6 in	57.6 in	28.8 in
1200/111/100	(300 x 150 mm)	00710	(4389 mm)	(321 mm)	(1463 mm)	(732 mm)
1253AN7408	12" x 8" in	SC-740	172.8 in	14.0 in	57.6 in	28.8 in
1200/111/ 400	(300 x 200 mm)	00 740	(4389 mm)	(354 mm)	(1463 mm)	(732 mm)
1253AN7410	12" x 10" in	SC-740	172.8 in	14.8 in	57.6 in	28.8 in
1233/11/410	(300 x 250 mm)	30-740	(4389 mm)	(376 mm)	(1463 mm)	(732 mm)
1553AN7406	15" x 6" in	SC-740	170.9 in	15.4 in	57.0 in	28.5 in
13337117400	(375 x 150 mm)	30-740	(4342 mm)	(391 mm)	(1447 mm)	(724 mm)
1553AN7408	15" x 8" in	SC-740	170.9 in	16.7 in	57.0 in	28.5 in
1333AN7400	(375 x 200 mm)	SC-740	(4342 mm)	(425 mm)	(1447 mm)	(724 mm)
1553AN7410	15" x 10" in	SC-740	170.9 in	17.6 in	57.0 in	28.5 in
1555AN7410	(375 x 250 mm)	30-740	(4342 mm)	(446 mm)	(1447 mm)	(724 mm)
1553AN7412	15" x 12" in	SC-740	170.9 in	19.6 in	57.0 in	28.5 in
1555AN7412	(375 x 300 mm)	30-740	(4342 mm)	(498 mm)	(1447 mm)	(724 mm)
1853AN7406	18" x 6" in	SC-740	168.8 in	17.4 in	56.3 in	28.1 in
1003AN7400	(450 x 150 mm)	30-740	(4289 mm)	(442 mm)	(1430 mm)	(715 mm)
1853AN7408	18" x 8" in	SC-740	168.8 in	18.7 in	56.3 in	28.1 in
1853AN7408	(450 x 200 mm)	SC-740	(4289 mm)	(475 mm)	(1430 mm)	(715 mm)
1853AN7410	18" x 10" in	SC-740	168.8 in	19.6 in	56.3 in	28.1 in
1000/10/410	(450 x 250 mm)	30-740	(4289 mm)	(497 mm)	(1430 mm)	(715 mm)
1853AN7412	18" x 12" in	SC-740	168.8 in	21.6 in	56.3 in	28.1 in
1000/10/412	(450 x 300 mm)	30-740	(4289 mm)	(549 mm)	(1430 mm)	(715 mm)
1853AN7415	18" x 15" in	SC-740	168.8 in	22.4 in	56.3 in	28.1 in
1000/10/410	(450 x 375 mm)	30-740	(4289 mm)	(568 mm)	(1430 mm)	(715 mm)

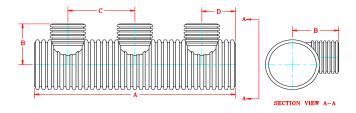




DRAWING #:	5550	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:		

### STORMTECH DUAL WALL FABRICATED "SOIL TIGHT" "PLAIN END" REDUCING TRIPLE MANIFOLD 24" - 48" DIAMETER

PART #	PIPE SIZE	CHAMBER SIZE	А	В	С	D
2453AN7406	24" x 6" in	SC-740	170.1 in	20.4 in	56.7 in	28.4 in
2433/4117400	(600 x 150 mm)	00 740	(4321 mm)	(518 mm)	(1440 mm)	(720 mm)
2453AN7408	24" x 8" in	SC-740	170.1 in	21.7 in	56.7 in	28.4 in
2400/1117 400	(600 x 200 mm)	00 140	(4321 mm)	(552 mm)	(1440 mm)	(720 mm)
2453AN7410	24" X 10" in	SC-740	170.1 in	22.6 in	56.7 in	28.4 in
2100/111/110	(600 x 250 mm)	00 1 10	(4321 mm)	(573 mm)	(1440 mm)	(720 mm)
2453AN7412	24" x12" in	SC-740	170.1 in	24.6 in	56.7 in	28.4 in
2100/111/112	(600 x 300 mm)	00 1 10	(4321 mm)	(625 mm)	(1440 mm)	(720 mm)
2453AN7415	24" x 15" in	SC-740	170.1 in	25.4 in	56.7 in	28.4 in
2-100/1117-110	(600 x 375 mm)	00 1 10	(4321 mm)	(644 mm)	(1440 mm)	(720 mm)
2453AN7418	24" x 18" in	SC-740	170.1 in	25.7 in	56.7 in	28.4 in
2100/111/110	(600 x 450 mm)	00 1 10	(4321 mm)	(653 mm)	(1440 mm)	(720 mm)
3053AN7406	30" x 6" in	SC-740	173.0 in	25.4 in	57.7 in	28.8 in
00007.11.7.100	(750 x 150 mm)		(4395 mm)	(645 mm)	(1465 mm)	(733 mm)
3053AN7412	30" x 12" in	SC-740	173.0 in	29.6 in	57.7 in	28.8 in
00007.117.112	(750 x 300 mm)		(4395 mm)	(752 mm)	(1465 mm)	(733 mm)
3053AN7415	30" x 15" in	SC-740	173.0 in	30.4 in	57.7 in	28.8 in
00007.117.110	(750 x 375 mm)		(4395 mm)	(772 mm)	(1465 mm)	(733 mm)
3053AN7418	30" x 18" in	SC-740	173.0 in	30.7 in	57.7 in	28.8 in
	(750 x 450 mm)		(4395 mm)	(780 mm)	(1465 mm)	(733 mm)
3053AN7424	30" x 24 in	SC-740	173.0 in	27.0 in	57.7 in	28.8 in
0000/1111121	(750 x 600 mm)	00 1 10	(4395 mm)	(686 mm)	(1465 mm)	(733 mm)
3653AN7412	36" x 12" in	SC-740	173.3 in	31.6 in	57.8 in	28.9 in
0000/1111112	(900 x 300 mm)		(4401 mm)	(803 mm)	(29 mm)	(29 mm)
3653AN7415	36" x 15" in	SC-740	173.3 in	32.4 in	57.8 in	28.9 in
2300, 110	(900 x 375 mm)		(4401 mm)	(823 mm)	(1467 mm)	(734 mm)
3653AN7418	36" x 18" in	SC-740	173.3 in	32.7 in	57.8 in	28.9 in
3300/1117-710	(900 x 450 mm)	00 1 10	(4401 mm)	(831 mm)	(1467 mm)	(734 mm)
3653AN7424	36" x 24" in	SC-740	173.3 in	31.3 in	57.8 in	28.9 in
3300/ II 1/ -12-1	(900 x 600 mm)	00 1 10	(4401 mm)	(795 mm)	(1467 mm)	(734 mm)

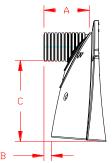


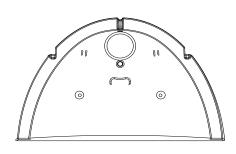
PART #	PIPE SIZE	CHAMBER SIZE	Α	В	С	D
4253AN7412	42" x 12" in	SC-740	171.3 in	34.6 in	57.1 in	28.6 in
1200/1111 112	(1050 x 300 mm)	00 1 10	(4350 mm)	(879 mm)	(1450 mm)	(725 mm)
4253AN7415	42" x 15" in	SC-740	171.3 in	35.4 in	57.1 in	28.6 in
1200/111/110	(1050 x 375 mm)	00 1 10	(4350 mm)	(899 mm)	(1450 mm)	(725 mm)
4253AN7418	42" x 18" in	SC-740	171.3 in	34.6 in	57.1 in	28.6 in
7233/11/7 7 10	(1050 x 450 mm)	00 740	(4350 mm)	(878 mm)	(1450 mm)	(725 mm)
4253AN7424	42" x24" in	SC-740	171.3 in	34.3 in	57.1 in	28.6 in
7200/1117 727	(1050 x 600 mm)	00-140	(4350 mm)	(871 mm)	(1450 mm)	(725 mm)
4853AN7412	48" x 12" in	SC-740	173.3 in	37.6 in	57.8 in	28.9 in
4000/11/1412	(1200 x 300 mm)	00 140	(4401 mm)	(955 mm)	(1467 mm)	(734 mm)
4853AN7415	48" x 15 in	SC-740	173.3 in	38.4 in	57.8 in	28.9 in
4000/11/14/10	(1200 x 375 mm)	00 140	(4401 mm)	(975 mm)	(1467 mm)	(734 mm)
4853AN7418	48" x 18" in	SC-740	173.3 in	38.7 in	57.8 in	28.9 in
4033/11/410	(1200 x 450 mm)	30-740	(4401 mm)	(983 mm)	(1467 mm)	(734 mm)
4853AN7424	48" x 24" in	SC-740	173.3 in	37.3 in	57.8 in	28.9 in
7000AN7424	(1200 x 600 mm)	50.740	(4401 mm)	(947 mm)	(1467 mm)	(734 mm)



DRAWING #:		
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:		

#### STORMTECH STORM CHAMBER "SOIL TIGHT" END CAPS - TOP





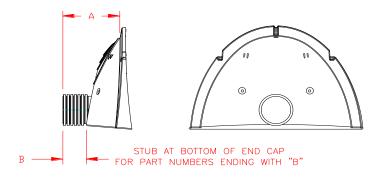
STUB AT TOP OF END CAP
FOR PART NUMBERS ENDING WITH "T"

PART #	PIPE SIZE	CHAMBER SIZE	А	В	С
SC310EPEO6T	6 in (150 mm)	310	11.9 in (302 mm)	<b>5.4 in</b> (137 mm)	5.5 in (140 mm)
SC310EPEO8T	8 in (200 mm)	310	12.8 in (325 mm)	6.3 in (160 mm)	3.5 in (89 mm)
SC310EPE10T	10 in (250 mm)	310	13.1 in (333 mm)	6.5 in (165 mm)	1.4 in (36 mm)
SC740EPEO6T	6 in (150 mm)	740	14.3 in (363 mm)	5.3 in (135 mm)	19.8 in (503 mm)
SC740EPEO8T	8 in (200 mm)	740	15.3 in (389 mm)	6.3 in (160 mm)	17.9 in (455 mm)
SC740EPE10T	10 in (250 mm)	740	15.5 in (394 mm)	6.5 in (165 mm)	15.8 in (401 mm)
SC740EPE12T	12 in (300 mm)	740	18.2 in (462 mm)	9.2 in (234 mm)	13.7 in (348 mm)
SC740EPE15T	<b>15 in</b> (375 mm)	740	20.8 in (528 mm)	11.9 in (302 mm)	10.5 in (267 mm)
SC740EPE18T	<b>18 in</b> (450 mm)	740	21.2 in (538 mm)	<b>12.2 in</b> (310 mm)	6.5 in (165 mm)



DRAWING #:	5650	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:	WLG	08.05.08

#### STORMTECH STORM CHAMBER "SOIL TIGHT" END CAPS - BOTTOM



PART#	PIPE SIZE	CHAMBER SIZE	А	В
SC310EPEO6B	6 in (150 mm)	310	11.9 in (302 mm)	<b>5.4 in</b> (137 mm)
SC310EPEO8B	8 in (200 mm)	310	12.8 in (325 mm)	6.3 in (160 mm)
SC310EPE10B	10 in (250 mm)	310	13.1 in (333 mm)	6.5 in (165 mm)
SC310EPE12B	12 in (300 mm)	310	16.0 in (406 mm)	9.2 in (234 mm)
SC740EPEO6B	6 in (150 mm)	740	14.3 in (363 mm)	<b>5.3 in</b> (135 mm)
SC740EPE08B	8 in (200 mm)	740	15.3 in (389 mm)	6.3 in (160 mm)
SC740EPE10B	10 in (250 mm)	740	15.5 in (394 mm)	6.5 in (165 mm)
SC740EPE12B	12 in (300 mm)	740	18.2 in (462 mm)	9.2 in (234 mm)
SC740EPE15B	<b>15 in</b> (375 mm)	740	20.8 in (528 mm)	11.9 in (302 mm)
SC740EPE18B	18 in (450 mm)	740	21.2 in (538 mm)	12.2 in (310 mm)
SC740EPE24B	24 in (600 mm)	740	20.1 in (511 mm)	11.0 in (279 mm)

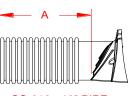
ALL STUBS, EXCEPT FOR THE SC310EPE12B AND SC740EPE24B ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP.

\* FOR SC310EPE12B THE 12" STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 0.25". FOR SC740EPE24B THE 24" STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75". BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SETS LEVEL.

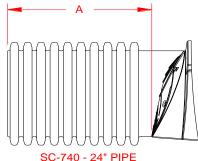


DRAWING #:	5700	
DRAWN BY:	TJR	11.15.07
APPROVED BY:	TJR	11.15.07
REVISIONS:	WLG	8.05.08

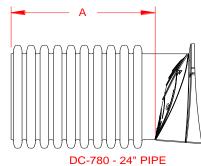
### STORMTECH STORM CHAMBER "SOIL TIGHT" EXTENDED PREFAB END CAP STUB LENGTHS



SC-310 - 12" PIPE SC310EPE12BL



SC-740 - 24" PIPE SC740EPE24BL



LS3051EPE24BL

PART#	PIPE SIZE	CHAMBER SIZE	А
SC310EPE12BL	12 in (150 mm)	310	25.0 in (635 mm)
SC740EPE24BL	24 in (200 mm)	740	25.0 in (635 mm)
LS3051EPE24BL	240 in (250 mm)	780	25.0 in (635 mm)



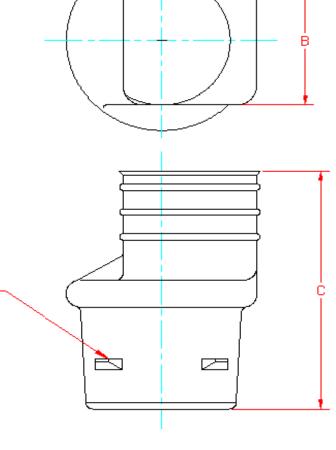
DRAWING #:	
DRAWN BY:	TJR
APPROVED BY:	
REVISIONS:	

### DOWNSPOUT ADAPTERS

PART #	PIPE SIZE	А	В	С
0364AA	<b>3 in</b>	2.5 in	3.3 in	4.8 in
	(76 mm)	(64 mm)	(83 mm)	(121 mm)
0464AA	<b>4 in</b>	2.5 in	3.3 in	4.8 in
	(102 mm)	(64 mm)	(83 mm)	(121 mm)
0465AA	<b>4 in</b>	3.3 in	4.5 in	5.0 in
	(102 mm)	(83 mm)	(114 mm)	(127 mm)
0466AA	4 in	2.6 in	2.6 in	4.6 in
	(102 mm)	(65 mm)	(65 mm)	(118 mm)
0664AA	6 in	3.6 in	5.6 in	6.4 in
	(152 mm)	(92 mm)	(143 mm)	(163 mm)
0664AC*	6 in	3.6 in	5.6 in	6.4 in
	(152 mm)	(92 mm)	(143 mm)	(163 mm)

<sup>\*</sup> Part 0664AC is PVC





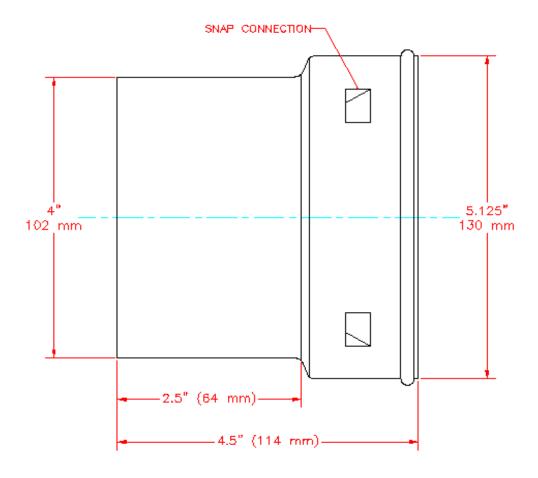
Advanced Drainage Systems, Inc.
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DRAWING #:	6000	
DRAWN BY:	JCB	03.20.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

NOTE: ALL DIMENSIONS ARE NOMINAL

### 4" SEWER AND DRAIN ADAPTER

#### PART # 0467AA



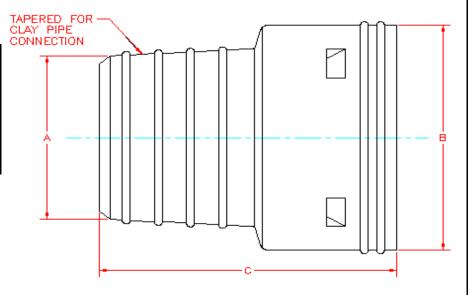
NOTE: ALL DIMENSIONS ARE NOMINAL



DRAWING #:	6010	
DRAWN BY:	JCB	03.20.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

### **CLAY SNAP ADAPTER**

PART #	PIPE SIZE	А	В	С
0562AA	5 in (127 mm)	4.9 in (124 mm)	6.3 in (159 mm)	5.0 in (127 mm)
0662AA	6 in	5.8 in	7.4 in	5.5 in
OOOZAA	(152 mm)	(146 mm)	(187 mm)	(140 mm)



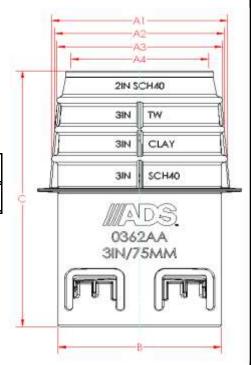
NOTE: ALL DIMENSIONS ARE NOMINAL



DRAWING #:	6015	
DRAWN BY:	JCB	03.20.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

### 3" Universal Adapter

PART #	PIPE SIZE	A1	A2	А3	A4	В	С
0362AA	<b>3 in</b> (76 mm)	3" SCH40	3" CLAY	3" TW	2" SCH40	2.8 in (71 mm)	4.9 in (125 mm)



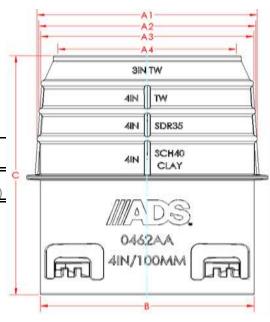
NOTE: ALL DIMENSIONS ARE NOMINAL



DRAWING #:	6015A	
DRAWN BY:	EG	02.11.25
APPROVED BY:	MC	02.11.25

### 4" Universal Adapter

PART#	PIPE SIZE	A1	A2	А3	A4	В	С
0462AA	<b>4 in</b> (102 mm)	4" SCH40/CLAY	4" SDR35	4" TW	3" TW	3.9 in (99 mm)	4.9 in (125 mm)



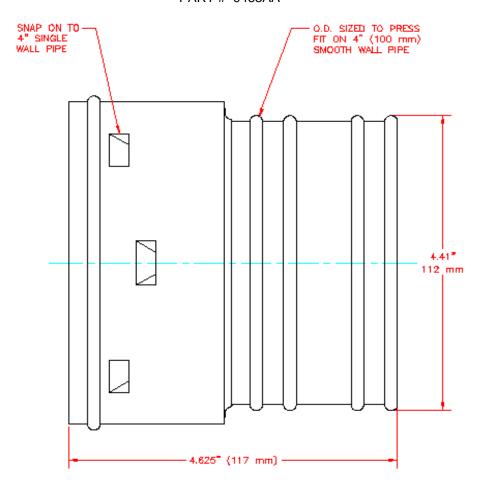
NOTE: ALL DIMENSIONS ARE NOMINAL



DRAWING #:	6015A	
DRAWN BY:	EG	02.11.25
APPROVED BY:	MC	02.11.25

### SEPTIC TANK ADAPTER

#### PART # 0463AA



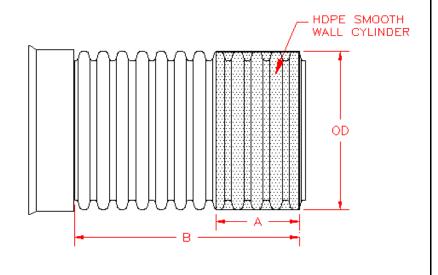
NOTE: ALL DIMENSIONS ARE NOMINAL



DRAWING #:	6020	
DRAWN BY:	JCB	03.20.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

## DUAL WALL TO RCP MANHOLE ADAPTER FITTING WATER TIGHT CONNECTION

PART#	PIPE SIZE	А	В	OD
1222ANB	12 in	12.0 in	48.0 in	14.7 in
	(300 mm)	(305 mm)	(1219 mm)	(374 mm)
1522ANB	15 in	14.5 in	46.6 in	18.0 in
IOZZAND	(375 mm)	(368 mm)	(1184 mm)	(457 mm)
1822ANB	18 in	18.0 in	45.6 in	21.7 in
TOZZAND	(450 mm)	(457 mm)	(1157 mm)	(551 mm)
2422ANB	24 in	24.0 in	47.3 in	28.5 in
Z4ZZANB	(600 mm)	(610 mm)	(1200 mm)	(724 mm)
2022AND	30 in	24.0 in	45.3 in	35.9 in
3022ANB	(750 mm)	(610 mm)	(1151 mm)	(912 mm)
3622ANB	36 in	24.0 in	46.3 in	42.1 in
3022ANB	(900 mm)	(610 mm)	(1175 mm)	(1068 mm)
4222ANB	42 in	24.0 in	46.7 in	48.5 in
4222AND	(1050 mm)	(610 mm)	(1186 mm)	(1233 mm)
4822ANB	48 in	24.0 in	47.3 in	54.5 in
4022AND	(1200 mm)	(610 mm)	(1200 mm)	(1385 mm)
6022ANB	60 in	30.0 in	54.0 in	67.3 in
OUZZAND	(1500 mm)	(762 mm)	(1372 mm)	(1709 mm)



#### NOTE:

REQUIRES SERIES 65 GASKET (INCLUDED) IN FIELD TO MAKE WT CONNECTION

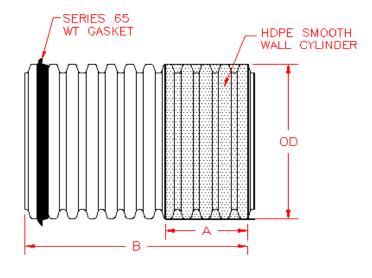


DRAWING #:	6050	
DRAWN BY:	JCB	04.23.07
APPROVED BY:	JCB	07.16.07
REVISIONS:	TJR	4/28/2016

NOTE: ALL DIMENSIONS ARE NOMINAL

## DUAL WALL TO RCP MANHOLE ADAPTER FITTING WATER TIGHT CONNECTION

PART#	PIPE SIZE	А	В	OD
1222AN	12 in	12.0 in	48.0 in	14.7 in
	(300 mm)	(305 mm)	(1219 mm)	(374 mm)
1522AN	15 in	14.5 in	46.6 in	18.0 in
IJZZAN	(375 mm)	(368 mm)	(1184 mm)	(457 mm)
1822AN	18 in	18.0 in	45.6 in	21.7 in
IOZZAIN	(450 mm)	(457 mm)	(1157 mm)	(551 mm)
2422AN	24 in	24.0 in	47.3 in	28.5 in
Z4ZZAN	(600 mm)	(610 mm)	(1200 mm)	(724 mm)
202241	30 in	24.0 in	45.3 in	35.9 in
3022AN	(750 mm)	(610 mm)	(1151 mm)	(912 mm)
3622AN	36 in	24.0 in	46.3 in	42.1 in
SOZZAN	(900 mm)	(610 mm)	(1175 mm)	(1068 mm)
4222AN	42 in	24.0 in	46.7 in	48.5 in
4222AIN	(1050 mm)	(610 mm)	(1186 mm)	(1233 mm)
4822AN	48 in	24.0 in	47.3 in	54.5 in
4022AIN	(1200 mm)	(610 mm)	(1200 mm)	(1385 mm)
6022AN	60 in	30.0 in	54.0 in	67.3 in
UUZZAIN	(1500 mm)	(762 mm)	(1372 mm)	(1709 mm)



#### NOTE:

REQUIRES SERIES 65 GASKET (INCLUDED) IN FIELD TO MAKE WT CONNECTION

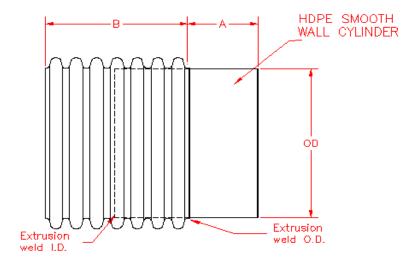


	DRAWING #:	6050A	
	DRAWN BY:	JCB	04.23.07
-	APPROVED BY:	JCB	07.16.07
	REVISIONS:	TJR	4/28/2016

NOTE: ALL DIMENSIONS ARE NOMINAL
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### **DUAL WALL ADAPTER FITTING**

PART#	PIPE SIZE	А	В	OD
1221AN	12 in	6.0 in	11.5 in	12.1 in
	(300 mm)	(152 mm)	(293 mm)	(308 mm)
1521AN	<b>15 in</b>	6.0 in	13.0 in	15.0 in
	(375 mm)	(152 mm)	(329 mm)	(381 mm)
1821AN	18 in	6.0 in	13.4 in	18.0 in
	(450 mm)	(152 mm)	(340 mm)	(458 mm)
2421AN	24 in	8.0 in	15.8 in	24.1 in
	(600 mm)	(203 mm)	(400 mm)	(611 mm)
3021AN	<b>30 in</b> (750 mm)	10.0 in (254 mm)	20.6 in (523 mm)	30.0 in (763 mm)
3621AN	<b>36 in</b> (900 mm)	10.0 in (254 mm)	25.7 in (653 mm)	<b>35.9 in</b> (913 mm)
4221AN	<b>42 in</b> (1050 mm)	10.0 in (254 mm)	26.0 in (659 mm)	<b>41.4 in</b> (1050 mm)
4821AN	<b>48 in</b>	10.0 in	26.3 in	47.6 in
	(1200 mm)	(254 mm)	(667 mm)	(1208 mm)
6021AN	<b>60 in</b>	10.0 in	30.0 in	59.5 in
	(1500 mm)	(254 mm)	(762 mm)	(1512 mm)

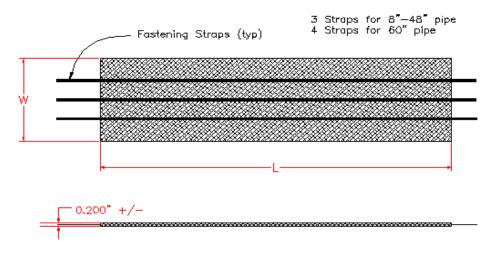




DRAWING #:	6055	
DRAWN BY:	JCB	03.20.07
APPROVED BY:	JCB	07.16.07
REVISIONS:	TJR	4/28/2016

### 8" - 60" FIELD REPAIR COUPLER

PART#	PIPE SIZE	L	W
0867RC	8 in	35.0 in	4.0 in
	(200 mm)	(889 mm)	(102 mm)
1067RC	10 in	42.0 in	6.0 in
	(250 mm)	(1067 mm)	(152 mm)
1267RC	12 in	52.0 in	7.0 in
	(300 mm)	(1321 mm)	(178 mm)
1567RC	<b>15 in</b>	62.0 in	10.0 in
	(375 mm)	(1575 mm)	(254 mm)
1867RC	18 in	75.0 in	10.0 in
	(450 mm)	(1905 mm)	(254 mm)
2467RC	24 in	94.0 in	12.0 in
	(600 mm)	(2388 mm)	(305 mm)
3067RC	<b>30 in</b>	125.0 in	15.0 in
	(750 mm)	(3175 mm)	(381 mm)
3667RC	<b>36 in</b>	141.0 in	18.0 in
	(900 mm)	(3581 mm)	(457 mm)
4267RC	<b>42 in</b>	161.0 in	20.0 in
	(1050 mm)	(4089 mm)	(508 mm)
4867RC	48 in	183.0 in	20.0 in
	(1200 mm)	(4648 mm)	(508 mm)
6067RC	<b>60 in</b>	222.0 in	28.0 in
	(1500 mm)	(5639 mm)	(711 mm)



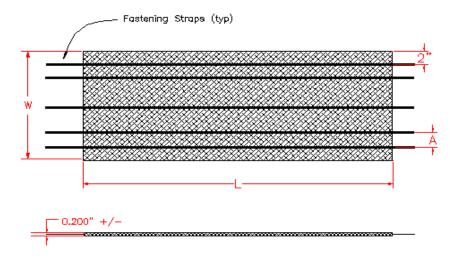
NOTE: ALL DIMENSIONS ARE NOMINAL
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DRAWING #:	6060	
DRAWN BY:	JCB	03.20.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	4/28/2016
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### 12" - 60" DOUBLE WIDE FIELD REPAIR COUPLER

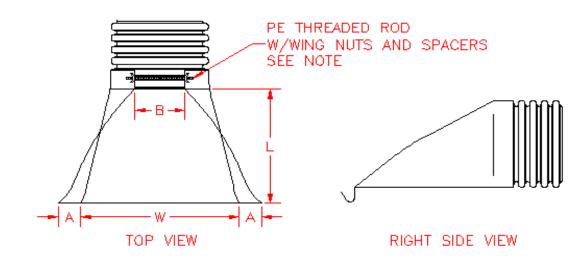
PART#	PIPE SIZE	L	W	А
1267RCD	12 in	52.0 in	12.0 in	2.0 in
	(300 mm)	(1321 mm)	(305 mm)	(51 mm)
1567RCD	<b>15 in</b>	62.0 in	14.0 in	2.6 in
	(375 mm)	(1575 mm)	(356 mm)	(66 mm)
1867RCD	18 in	75.0 in	16.0 in	2.8 in
	(450 mm)	(1905 mm)	(406 mm)	(70 mm)
2467RCD	24 in	94.0 in	20.0 in	3.3 in
	(600 mm)	(2388 mm)	(508 mm)	(83 mm)
3067RCD	<b>30 in</b> (600 mm)	125.0 in (3175 mm)	24.0 in (610 mm)	4.5 in (114 mm)
3667RCD	<b>36 in</b>	141.0 in	30.0 in	5.0 in
	(600 mm)	(3581 mm)	(762 mm)	(127 mm)
4267RCD	<b>42 in</b>	161.0 in	30.0 in	5.5 in
	(600 mm)	(4089 mm)	(762 mm)	(140 mm)
4867RCD	<b>48 in</b>	183.0 in	32.0 in	5.5 in
	(600 mm)	(4648 mm)	(813 mm)	(140 mm)
6067RCD	<b>60 in</b>	222.0 in	46.0 in	6.8 in
	(600 mm)	(5639 mm)	(1168 mm)	(171 mm)

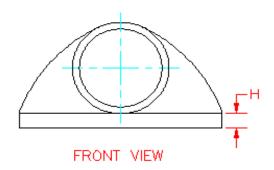




DRAWING #:	6065	
DRAWN BY:	JCB	01.17.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	4/28/2016

### FLARED END SECTIONS





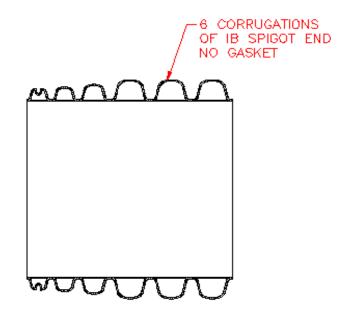
PART #	PIPE SIZE	А	B(MAX)	Н	L	W
1015NP	10 in	3.8 in	10.0 in	6.5 in	28.0 in	34.5 in
1010111	(250 mm)	(95 mm)	(254 mm)	(165 mm)	(711 mm)	(876 mm)
1215NP	12 & 15	6.5 in	10.0 in	6.5 in	25.0 in	29.0 in
1215111	(300 & 375mm)	(165 mm)	(254 mm)	(165 mm)	(635 mm)	(737 mm)
1810NP	18 in	7.5 in	15.0 in	6.5 in	32.0 in	35.0 in
TOTOINE	(450 mm)	(191 mm)	(381 mm)	(165 mm)	(813 mm)	(889 mm)
2410NP	24 in	7.5 in	18.0 in	6.5 in	36.0 in	45.0 in
2410111	(600 mm)	(191 mm)	(457 mm)	(165 mm)	(914 mm)	(1143 mm)
3015NP	30 in	7.5 in	12.0 in	8.6 in	58.0 in	63.0 in
3013141	(750 mm)	(191 mm)	(305 mm)	(218 mm)	(1473 mm)	(1600 mm)
3615NP	36 in	7.5 in	25.0 in	8.6 in	58.0 in	63.0 in
SOTONE	(900 mm)	(191 mm)	(635 mm)	(218 mm)	(1473 mm)	(1600 mm)

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DRAWING #:	6070	
DRAWN BY:	JCB	01.17.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	TJR	6/7/2016

### **DUAL WALL JOINT PUSHER**

PART#	PIPE SIZE
1208AN	12 in (300 mm)
1508AN	15 in (375 mm)
1808AN	18 in (450 mm)
2408AN	24 in (600 mm)
3008AN	30 in (750 mm)
3608AN	<b>36 in</b> (900 mm)
4208AN	<b>42 in</b> (1050 mm)
4808AN	<b>48 in</b> (1200 mm)
6008AN	<b>60 in</b> (1500 mm)

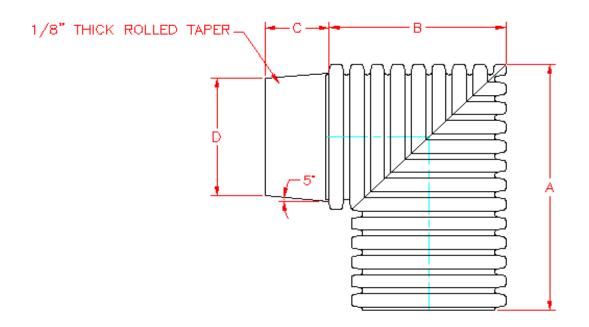


NOTE: ALL DIMENSIONS ARE NOMINAL



DRAWING #:	6085	
DRAWN BY:	JCB	03.20.07
APPROVED BY:	JCB	07.16.07
REVISIONS:	JCB	07.16.07

### **CATCH BASIN ELBOW**



PART #	PIPE SIZE	А	В	С	D
0899ANCB	8 in	15.4 in	10.6 in	5.5 in	7.5 in
	(200 mm)	(391 mm)	(269 mm)	(140 mm)	(191 mm)
1099ANCB	10 in	18.9 in	11.3 in	5.5 in	9.5 in
	(250 mm)	(480 mm)	(287 mm)	(140 mm)	(241 mm)
1299ANCB	12 in	25.0 in	17.3 in	5.5 in	11.8 in
	(300 mm)	(635 mm)	(439 mm)	(140 mm)	(298 mm)

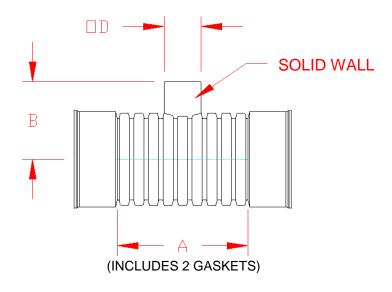
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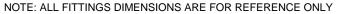
DRAWING #:	6090	
DRAWN BY:	JCB	03.20.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

NOTE: ALL DIMENSIONS ARE NOMINAL

# REDUCING TAP TEE (ST/WT CONNECTION)

PART #	PIPE SIZE	А	В	OD
0660AN65BS	6 x 4 in	8.5 in	9.5 in	4.3 in
00007 11 10020	(150 x 100 mm)	(216 mm)	(241 mm)	(108 mm)
0860AN65BS	8 x 4 in	11.5 in	11.0 in	4.3 in
00007110303	(200 x 100 mm)	(293 mm)	(279 mm)	(108 mm)
0861AN65BS	8 x 6 in	11.5 in	10.6 in	6.3 in
000 TAIN03D3	(200 x 150 mm)	(293 mm)	(270 mm)	(159 mm)
1060AN65BS	10 x 4 in	15.1 in	12.0 in	4.3 in
TUOUANOSES	(250 x 100 mm)	(384 mm)	(305 mm)	(108 mm)
1061AN65BS	10 x 6 in	15.1 in	12.0 in	6.3 in
10017110303	(250 x 150 mm)	(384 mm)	(305 mm)	(159 mm)
1062AN65BS	10 x 8 in	15.1 in	12.0 in	8.6 in
1002AN03D3	(250 x 200 mm)	(384 mm)	(305 mm)	(218 mm)
1260AN65BS	12 x 4 in	19.5 in	13.1 in	4.3 in
1200AN03B3	(300 x 100 mm)	(496 mm)	(333 mm)	(108 mm)
1261AN65BS	12 x 6 in	19.5 in	13.1 in	6.3 in
1201AN03D3	(300 x 150 mm)	(496 mm)	(333 mm)	(159 mm)
1262AN65BS	12 x 8 in	19.5 in	13.1 in	8.6 in
1202AN03D3	(300 x 200 mm)	(496 mm)	(333 mm)	(218 mm)
1560AN65BS	15 x 4 in	23.6 in	14.8 in	4.3 in
1300AN03D3	(375 x 100 mm)	(600 mm)	(375 mm)	(108 mm)
1561AN65BS	15 x 6 in	23.6 in	14.8 in	6.3 in
13017(10303	(375 x 150 mm)	(600 mm)	(375 mm)	(159 mm)
1562AN65BS	15 x 8 in	23.6 in	14.8 in	8.6 in
1302/1103/03	(375 x 200 mm)	(600 mm)	(375 mm)	(218 mm)



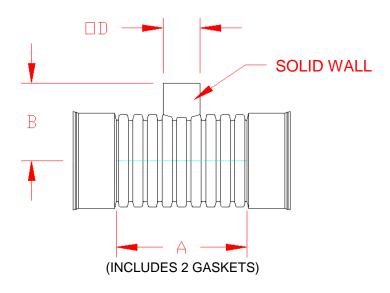




DRAWING #:	6100	
DRAWN BY:	JCB	05.07.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

# REDUCING TAP TEE (ST/WT CONNECTION)

PART #	PIPE SIZE	А	В	OD
1860AN65BS	18 x 4 in	23.5 in	16.8 in	4.3 in
1000/1110020	(450 x 100 mm)	(597 mm)	(425 mm)	(108 mm)
1861AN65BS	18 x 6 in	23.5 in	16.8 in	6.3 in
10017110303	(450 x 150 mm)	(597 mm)	(425 mm)	(159 mm)
1862AN65BS	18 x 8 in	23.5 in	16.8 in	8.6 in
1002AN03B3	(450 x 200 mm)	(597 mm)	(425 mm)	(218 mm)
2460AN65BS	24 x 4 in	25.0 in	20.1 in	4.3 in
2400AN03D3	(600 x 100 mm)	(636 mm)	(511 mm)	(108 mm)
2461AN65BS	24 x 6 in	25.0 in	20.1 in	6.3 in
2401AN03D3	(600 x 150 mm)	(636 mm)	(511 mm)	(159 mm)
2462AN65BS	24 x 8 in	25.0 in	20.1 in	8.6 in
2402AN03D3	(600 x 200 mm)	(636 mm)	(511 mm)	(218 mm)
3060AN65BS	30 x 4 in	28.6 in	23.8 in	4.3 in
3000AN03D3	(750 x 100 mm)	(725 mm)	(603 mm)	(108 mm)
3061AN65BS	30 x 6 in	28.6 in	23.8 in	6.3 in
3001AN03D3	(750 x 150 mm)	(725 mm)	(603 mm)	(159 mm)
3062AN65BS	30 x 8 in	28.6 in	23.8 in	8.6 in
3002AN03D3	(750 x 200 mm)	(725 mm)	(603 mm)	(218 mm)
3660AN65BS	36 x 4 in	36.7 in	26.6 in	4.3 in
3000AN03D3	(900 x 100 mm)	(933 mm)	(676 mm)	(108 mm)
3661AN65BS	36 x 6 in	36.7 in	26.6 in	6.3 in
0001AN00D0	(900 x 150 mm)	(933 mm)	(676 mm)	(159 mm)
3662AN65BS	36 x 8 in	36.7 in	26.6 in	8.6 in
3002AN03D3	(900 x 200 mm)	(933 mm)	(676 mm)	(218 mm)



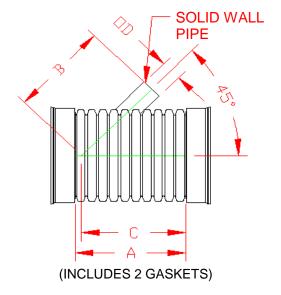




DRAWING #:	6100A	
DRAWN BY:	JCB	05.07.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

# REDUCING TAP WYE (ST/WT CONNECTION)

PART#	PIPE SIZE	А	В	С	OD
0680AN65BS	6 x 4 in	11.8 in	16.0 in	9.2 in	4.3 in
	(150 x 100 mm)	(300 mm)	(405 mm)	(234 mm)	(109 mm)
0880AN65BS	8 x 4 in	15.4 in	17.3 in	12.1 in	4.3 in
	(200 x 100 mm)	(391 mm)	(439 mm)	(307 mm)	(109 mm)
0881AN65BS	8 x 6 in	15.4 in	19.7 in	12.1 in	6.3 in
	(200 x 150 mm)	(391 mm)	(499 mm)	(307 mm)	(160 mm)
1080AN65BS	10 x 4 in (250 x 100 mm)	19.0 in (483 mm)	18.7 in (475 mm)	14.5 in (368 mm)	<b>4.3 in</b> (109 mm)
1081AN65BS	10 x 6 in	19.0 in	21.1 in	14.5 in	6.3 in
	(250 x 150 mm)	(483 mm)	(535 mm)	(368 mm)	(160 mm)
1082AN65BS	10 x 8 in	19.0 in	23.4 in	14.5 in	8.6 in
	(250 x 200 mm)	(483 mm)	(594 mm)	(368 mm)	(218 mm)
1280AN65BS	12 x 4 in (300 x 100 mm)	33.7 in (857 mm)	18.4 in (467 mm)	25.6 in (650 mm)	<b>4.3 in</b> (109 mm)
1281AN65BS	12 x 6 in	33.7 in	19.4 in	25.6 in	6.3 in
	(300 x 150 mm)	(856 mm)	(493 mm)	(650 mm)	(160 mm)
1282AN65BS	12 x 8 in	33.7 in	21.1 in	25.6 in	8.6 in
	(300 x 200 mm)	(856 mm)	(536 mm)	(650 mm)	(218 mm)
1580AN65BS	15 x 4 in (375 x 100 mm)	34.2 in (869 mm)	18.4 in (467 mm)	25.6 in (650 mm)	<b>4.3 in</b> (109 mm)
1581AN65BS	15 x 6 in	34.2 in	19.4 in	25.6 in	6.3 in
	(375 x 150 mm)	(869 mm)	(493 mm)	(650 mm)	(160 mm)
1582AN65BS	15 x 8 in	34.2 in	21.1 in	25.6 in	8.6 in
	(375 x 200 mm)	(869 mm)	(536 mm)	(650 mm)	(218 mm)

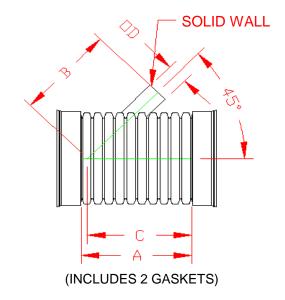




DRAWING #:	6105	
DRAWN BY:	JCB	05.07.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

# REDUCING TAP WYE (ST/WT CONNECTION)

PART #	PIPE SIZE	А	В	С	OD
1880AN65BS	18 x 4 in	33.9 in	20.9 in	28.0 in	4.3 in
1000/110303	(450 x 100 mm)	(861 mm)	(531 mm)	(711 mm)	(108 mm)
1881AN65BS	18 x 6 in	33.9 in	21.9 in	28.0 in	6.3 in
1001AN03B3	(450 x 150 mm)	(861 mm)	(556 mm)	(711 mm)	(159 mm)
1882AN65BS	18 x 8 in	33.9 in	23.6 in	28.0 in	8.6 in
1002AN03B3	(450 x 200 mm)	(861 mm)	(599 mm)	(711 mm)	(218 mm)
2480AN65BS	24 x 4 in	40.7 in	25.6 in	34.4 in	4.3 in
2400AN03B3	(600 x 100 mm)	(1034 mm)	(650 mm)	(874 mm)	(108 mm)
2481AN65BS	24 x 6 in	40.7 in	26.6 in	34.4 in	6.3 in
240 TAIN03B3	(600 x 150 mm)	(1034 mm)	(676 mm)	(874 mm)	(159 mm)
2482AN65BS	24 x 8 in	40.7 in	28.3 in	34.4 in	8.6 in
2402AN03B3	(600 x 200 mm)	(1034 mm)	(719 mm)	(874 mm)	(218 mm)
3080AN65BS	30 x 4 in	49.4 in	30.8 in	42.3 in	4.3 in
3000AN03D3	(750 x 100 mm)	(1255 mm)	(782 mm)	(1074 mm)	(108 mm)
3081AN65BS	30 x 6 in	49.4 in	31.7 in	42.3 in	6.3 in
300 IAN03B3	(750 x 150 mm)	(1255 mm)	(805 mm)	(1074 mm)	(159 mm)
3082AN65BS	30 x 8 in	49.4 in	33.5 in	42.3 in	8.6 in
3002AN03B3	(750 x 200 mm)	(1255 mm)	(851 mm)	(1074 mm)	(218 mm)

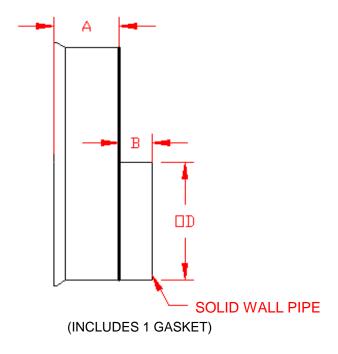




DRAWING #:	6105A	
DRAWN BY:	JCB	05.07.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

# TAP REDUCER (ST/WT CONNECTION)

PART #	PIPE SIZE	А	В	OD
0670AN65BS	6 x 4 in	2.6 in	6.3 in	4.3 in
	(150 x 100 mm)	(67 mm)	(159 mm)	(108 mm)
0870AN65BS	8 x 4 in	3.2 in	6.5 in	4.3 in
	(200 x 100 mm)	(81 mm)	(165 mm)	(108 mm)
0871AN65BS	8 x 6 in	3.2 in	6.5 in	6.3 in
00717410303	(200 x 150 mm)	(81 mm)	(165 mm)	(159 mm)
1070AN65BS	10 x 4 in	4.3 in	6.4 in	4.3 in
1070AN03D3	(250 x 100 mm)	(108 mm)	(162 mm)	(108 mm)
1071AN65BS	10 x 6 in	4.3 in	6.4 in	6.3 in
107 TAIN00BS	(250 x 150 mm)	(108 mm)	(162 mm)	(159 mm)
4070ANGEDO	10 x 8 in	4.3 in	6.4 in	8.6 in
1072AN65BS	(250 x 200 mm)	(108 mm)	(163 mm)	(219 mm)
4070ANGEDO	12 x 4 in	7.0 in	6.1 in	4.3 in
1270AN65BS	(300 x 100 mm)	(178 mm)	(156 mm)	(108 mm)
4074 ANGEDO	12 x 6 in	7.0 in	6.1 in	6.3 in
1271AN65BS	(300 x 150 mm)	(178 mm)	(155 mm)	(159 mm)
4070ANCEDC	12 x 8 in	7.0 in	6.1 in	8.6 in
1272AN65BS	(300 x 200 mm)	(178 mm)	(155 mm)	(218 mm)
4EZOANCEDO	15 x 4 in	9.0 in	6.1 in	4.3 in
1570AN65BS	(375 x 100 mm)	(229 mm)	(155 mm)	(108 mm)
1571AN65BS	15 x 6 in	9.0 in	6.1 in	6.3 in
137 TAINO3DS	(375 x 150 mm)	(229 mm)	(155 mm)	(159 mm)
1E704NGEDO	15 x 8 in	9.0 in	6.1 in	8.6 in
1572AN65BS	(375 x 200 mm)	(229 mm)	(155 mm)	(218 mm)

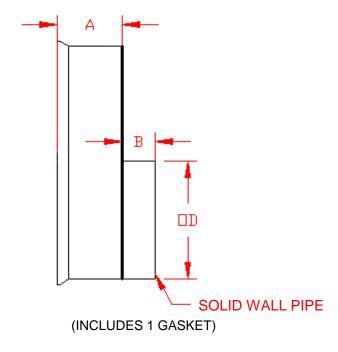




DRAWING #:	6110	
DRAWN BY:	JCB	05.23.07
APPROVED BY:	JCB	06.28.07
REVISIONS:	NJP	06.20.07

# TAP REDUCER (ST/WT CONNECTION)

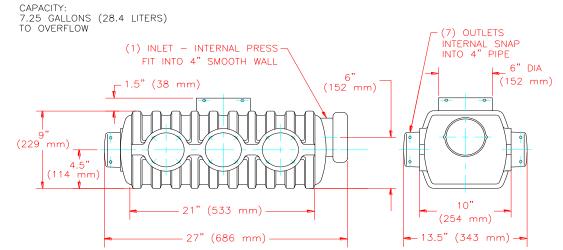
PART #	PIPE SIZE	А	В	OD
1870AN65BS	18 x 4 in	10.0 in	5.9 in	4.3 in
	(450 x 100 mm)	(254 mm)	(149 mm)	(108 mm)
1871AN65BS	18 x 6 in	10.0 in	5.9 in	6.3 in
107 17(100000	(450 x 150 mm)	(254 mm)	(150 mm)	(159 mm)
1872AN65BS	18 x 8 in	10.0 in	5.9 in	8.6 in
1012AN03B3	(450 x 200 mm)	(254 mm)	(150 mm)	(218 mm)
2470AN65BS	24 x 4 in	14.4 in	5.9 in	4.3 in
247 0AN03D3	(600 x 100 mm)	(365 mm)	(150 mm)	(108 mm)
2471AN65BS	24 x 6 in	14.4 in	5.9 in	6.3 in
247 TAIN03B3	(600 x 150 mm)	(366 mm)	(150 mm)	(159 mm)
2472AN65BS	24 x 8 in	14.4 in	5.9 in	8.6 in
2412AN03B3	(600 x 200 mm)	(366 mm)	(150 mm)	(218 mm)
3070AN65BS	30 x 4 in	14.4 in	5.8 in	4.3 in
3070AN03D3	(750 x 100 mm)	(366 mm)	(146 mm)	(108 mm)
3071AN65BS	30 x 6 in	14.4 in	5.8 in	6.3 in
307 TAN03D3	(750 x 150 mm)	(366 mm)	(147 mm)	(159 mm)
3072AN65BS	30 x 8 in	14.4 in	5.8 in	8.6 in
3012AN03D3	(750 x 200 mm)	(366 mm)	(147 mm)	(218 mm)
3670AN65BS	36 x 4 in	15.4 in	5.3 in	4.3 in
3070AN03D3	(900 x 100 mm)	(391 mm)	(133 mm)	(108 mm)
3671AN65BS	36 x 6 in	15.4 in	5.3 in	6.3 in
307 1/1103/23	(900 x 150 mm)	(391 mm)	(135 mm)	(159 mm)
3672AN65BS	36 x 8 in	15.4 in	5.3 in	8.6 in
3012AN03B3	(900 x 200 mm)	(391 mm)	(135 mm)	(218 mm)

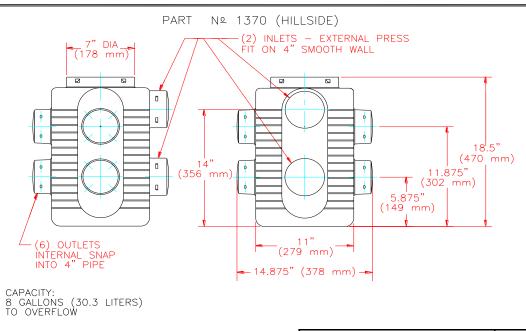




### **DISTRIBUTION BOXES**

PART Nº 1369 (REGULAR)

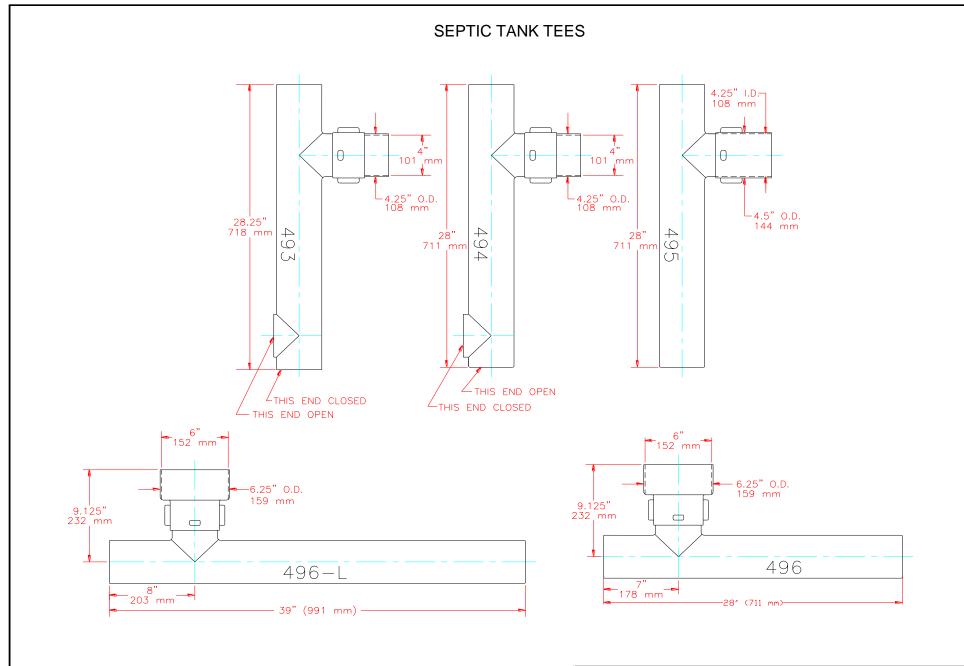




NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	6150	
DRAWN BY:	TJR	12.18.07
APPROVED BY:	TJR	12.18.07
REVISIONS:		

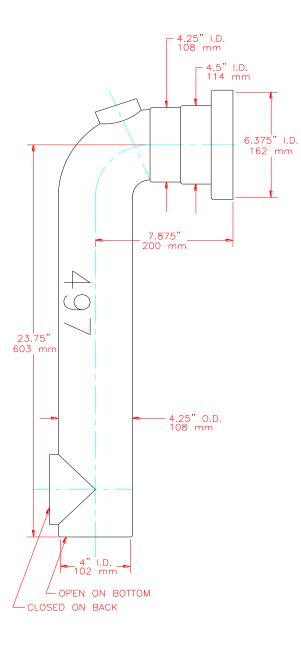


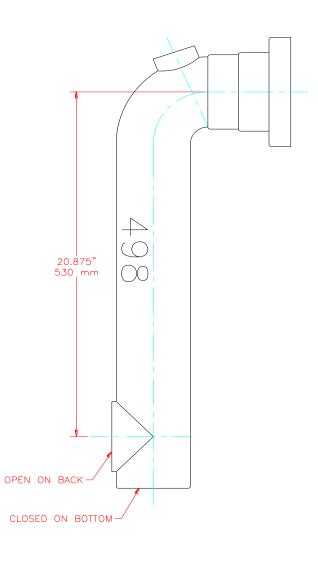
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY
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DRAWING #:	6200	
DRAWN BY:	TJR	12.18.07
APPROVED BY:	TJR	12.18.07
REVISIONS:		

### **SEPTIC TANK ELBOWS**





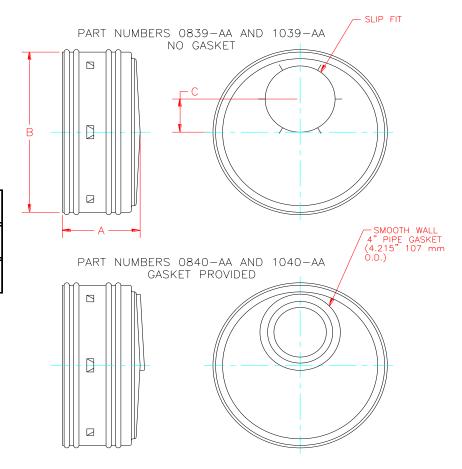
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	6250	
DRAWN BY:	TJR	12.18.07
APPROVED BY:	TJR	12.18.07
REVISIONS:		

### SB2 ADAPTERS

PART #	PIPE SIZE	А	В	OD
0839AA	8 in	4.3 in	9.8 in	1.1 in
0840AA	(200 mm)	(108 mm)	(248 mm)	(29 mm)
1039AA	10 in	5.5 in	12.3 in	2.5 in
1040AA	(250 mm)	(140 mm)	(311 mm)	(64 mm)



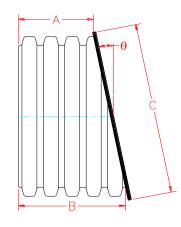
NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

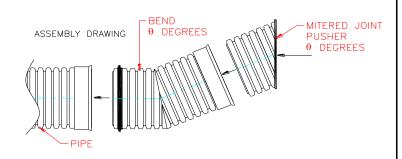


DRAWING #:	6300	
DRAWN BY:	TJR	12.18.07
APPROVED BY:	TJR	12.18.07
REVISIONS:		

### **DUAL WALL MITERED JOINT PUSHER**

DADT " DIDE OF				
PART # PIPE SI	ZE A	В	С	θ
24"	11.0 in	12.5 in	18.8 in	0
2408ANMP03 (600 m	m) (280 mm)	(317 mm)	(479 mm)	3
3008ANMP03 30 in	14.4 in	16.3 in	36.2 in	3
(750 m	m) (366 mm)	(413 mm)	(918 mm)	3
3608ANMP03 36 in	18.4 in	20.6 in	42.8 in	3
3606ANIVIPU3 (900 m	m) (466 mm)	(522 mm)	(1086 mm)	ა
2408ANMP05 24"	11.0 in	13.5 in	28.9 in	5
(600 m	m) (280 mm)	(342 mm)	(734 mm)	3
3008ANMP05 30 in	14.4 in	17.5 in	36.2 in	5
(750 m	m) (366 mm)	(444 mm)	(920 mm)	5
3608ANMP05 36 in	18.4 in	22.0 in	42.9 in	5
( 900m	m) (466 mm)	(559 mm)	(1089 mm)	5
2408ANMP11 24 in	11.0 in	16.6 in	29.3 in	11.25
(600 m	m) (280 mm)	(420 mm)	(745 mm)	11.23
3008ANMP11 30 in	14.4 in	21.4 in	36.8 in	11.25
(750 m	m) (366 mm)	(544 mm)	(934 mm)	11.25
3608ANMP11 36 in	18.4 in	26.7 in	43.5 in	11.25
(900 m	m) (466 mm)	(677 mm)	(1105 mm)	11.23
2408ANMP22 15 x 4	in 11.0 in	22.5 in	31.1 in	22.5
(600 m	m) (280 mm)	(573 mm)	(790 mm)	22.0
3008ANMP22 30 in	14.4 in	29.0 in	40.0 in	22.5
(750 m	m) (366 mm)	(736 mm)	(1016 mm)	22.0
3608ANMP22 36 in	18.4 in	35.7 in	46.1 in	22.5
( 900m	m) (466 mm)	(906 mm)	(1172 mm)	22.0





 $\theta$  REPRESENTS THE DEGREE OF BEND ONE IS ASSEMBLING.

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY



DRAWING #:	6350	
DRAWN BY:	TJR	12.18.07
APPROVED BY:	TJR	12.18.07
REVISIONS:		