

TECHNICAL SPECIFICATIONS

CertainTeedCertainTeed Corporation
Pipe and Plastics Group

SPECIFICATIONS CLASSIFICATION:

A/C Standard Product Specification

T.C.O. REF. NO.

47

SPECIFICATION NO:

2 Section A

PAGE NO.:

4-1

SUPERSEDES:

February 18, 1977

DATE OF ISSUE:

MAR 5 1979

DESCRIPTION:

FLUID-TITE A/C Sewer Pipe, Couplings, and Accessories
Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 Sections A and BSECTION ACONFORMANCE

All pipe manufactured under "Section A" of this specification will meet the requirements of the following external specifications:

- Southern Building Code Congress
- International Association of Plumbing and Mechanical Officials Code
- ASTM C-644

PIPE LENGTHS

Standard Length - 13'0". Plants 258 and 259 may also supply 6'6" as standard lengths when ordered.

Tolerance
± 1"

Random Lengths - 7'0" to 12'6" in 6 inch increments
Plants 258 and 259 may also supply 4'0" to 6'0" in 6" increments, when 6'6" standard lengths are ordered.

± 1"

Short Lengths - 12", 24", 36" (M.E.O.)

±.50"

Note: A maximum of 10 percent of the total footage of any one size for any one order may be furnished as random lengths.

STANDARD COUPLING

One Coupling suitable for the particular size and class of pipe with which it is to be used, shall be furnished with each standard, random, and short length. Couplings will be shipped in cartons or crates depending on the size of the order.

CTD015298

PREPARED BY:

LBH

APPROVED BY:

mks

R & D

MFG.

SALES

I.E.

OTHERS

PHYSICAL REQUIREMENTSCrushing Strength

Each pipe, in accordance with these specifications, shall have sufficient strength, when subjected to a three (3) edge bearing crushing test, to support not less than the indicated load shown in the following table:

<u>Nominal Pipe Size, Inches</u>	<u>Minimum Crushing Strength, Pounds Per Foot</u>		
	<u>Class 1500</u>	<u>Class 2400</u>	<u>Class 3300</u>
4	1500	2400	3300
5	1500	2400	3300
6	1500	2400	3300

- Couplings must also be capable of meeting the crushing strength requirements, as specified for the appropriate size and class.
- The crushing strength test shall be conducted in accordance with Standard Method of Test ASTM C-500. The specimens shall be cut from one randomly selected pipe representing 500 lengths for 13' lengths, and one per 1000 for 6'6" lengths of the same size, class, and production lot.
- Plants 256 and 260 the specimen shall be randomly selected from each 300 lengths.

Flexural Proof Loads

Each 10' through 13' length of pipe shall be tested in flexure across a span of 9 or 12 feet. Each pipe so tested shall support without evidence of cracks or other stress induced defects, the applicable total load is shown in the following table:

Flexural Proof LoadsTotal Applied Load, Lbs. (12 Ft. Span)

<u>Nominal Pipe Size, Inches</u>	<u>Total Applied Load, Lbs. (12 Ft. Span)</u>		
	<u>Class 1500</u>	<u>Class 2400</u>	<u>Class 3300</u>
4	415	415	415
5	715	715	715
6	1125	1125	1125

Note: The above loads are 75 per cent of the loads required for testing on a span of 9 feet. Flexural strength tests are conducted in accordance with Standard Method of Test ASTM C-500 (latest issue).

Joint Test

The purchaser by designation with his order may require a proof demonstration test, on at least one size pipe on the order, to assure that assembled pipes and couplings pass the following performance tests without leaking.

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CertainTeed CertainTeed Corporation Pipe and Plastics Group	SPECIFICATIONS CLASSIFICATION: A/C Standard Product Specification				
	T.C.O. REF. NO. 49	SPECIFICATION NO.: 2 Section A	PAGE NO.: 4-3		
	SUPERSEDES: March 5, 1979		DATE OF ISSUE: SEP 28 1979		
DESCRIPTION: FLUID-TITE A/C Sewer Pipe, Couplings and Accessories Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 Sections A & B					
Straight Alignment - A hydrostatic pressure test shall be made on an assembly of two sections of pipe, properly connected with a coupling in accordance with the joint design. An equivalent alternative may be a single pipe with a coupling on each end. The assembly shall be subjected to an internal hydrostatic pressure of 10 psi for 10 minutes and any visible leakage shall be considered a failure of the test requirement. Maximum Deflected Position - Upon completion of the test for pipe in straight alignment, the test sections shall be deflected 5 degrees (with one half of the deflection being between each pipe and coupling) and shall be subjected to an internal hydrostatic pressure of 10 psi for 10 minutes. Any visible leakage shall be considered a failure of the test requirement. If the selected sample(s) fail, two additional samples shall be tested. Failure of either of these assembled units to meet either test requirement shall be cause for rejection of the entire quantity of pipe represented by the samples. <u>Straightness</u> Each length of pipe shall not vary in straightness by more than 1/16 inch/ft. of length when measured in accordance with C-500. In plants 256 and 260 each 13 ft. length of pipe may not exceed 5/8 inch. <u>MARKING</u> <u>Standard, Random and Short Lengths</u>  <u>Standard Coupling</u>  CTD015300 Unless otherwise directed, marking 4", 5", and 6" A/C Sewer Items shall be in green ink.					
PREPARED BY: FJS		APPROVED BY: mrs		R & D JPK	MFG. JRA
		SALES J.R.A.	I.E.	OTHERS	

At either end of the pipe, a "handling label" (see Sec. D of the General Standards Manual) shall be attached to the B.O.D. of all pipe 1/4-length and above.

- Refer to I.E. Pipe
stamp, Purchasing
Spec. 557.

Refer to I.E. Pipe
stamp, Purchasing
Spec. 557.

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CertainTeed CertainTeed Corporation Pipe and Plastics Group	SPECIFICATIONS CLASSIFICATION:		
	A/C Standard Product Specification		
	T.C.O. REF. NO.	SPECIFICATION NO.	PAGE NO.:
	50	2 Section A	4-5
SUPERSEDES:		DATE OF ISSUE:	
March 5, 1979		MAY 28 1980	

DESCRIPTION:

FLUID-TITE A/C Sewer Pipe, Couplings, and Accessories
 Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 Sections A and B

Special

Some small diameter sewer fittings are designed to serve more than one purpose and require a pressure-sensitive label for identification. These fittings are:

1. Sleeve Adaptors - page 4-7
2. Increaser Adaptors (D.I. to A/C) - page 4-7
3. Adaptor Bell and Spigot - page 4-8
4. Duplex Adaptor Couplings - page 4-8

The label (see example below) shall be applied to each fitting on the unmachined O.D. and the appropriate box, dependent on end usage, shall be checked.

These fittings are shipped in cartons per Section L of the General Standards Manual - pages 1-2-4, 2-3-4 and 2-3-5.

Label Example:

CTD015302

CERTAIN-TEED.			
 6"			
SMALL DIAMETER SEWER			
duplex adaptor coupling			
CAT NO.	CONNECT TO:	RINGS TO USE	
☐ 87655	6" Cast Iron SW to 6" A/C	One 6" FLUID-TITE® One .75 x 7.17	
☐ 87663	6" Cast Iron XH to 6" A/C	One 6" FLUID-TITE® One .66 x 7.17	
☐ 87664	6" A/C to 6" A/C	One 6" FLUID-TITE® One .375 x 6.97	
CERTAIN-TEED PRODUCTS CORPORATION, Pipe and Plastics Group, Valley Forge, Pa. 19482			

PREPARED BY:	APPROVED BY:	R & D	MFG.	SALES	I.E.	OTHERS
<i>FD</i>	<i>mks</i>		<i>JB</i>	<i>J.R.A.</i>		

DATE OF ISSUE:

MAY 28 1980

SPECIFICATION NO:

2 Section A

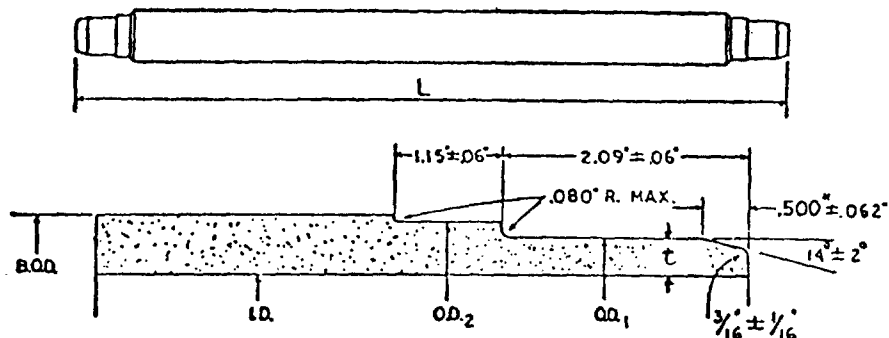
PAGE NO.:

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DESCRIPTION:

FLUID-TITE A/C Sewer Pipe, Couplings and Accessories
Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 - Sections A & B

STANDARD PIPE



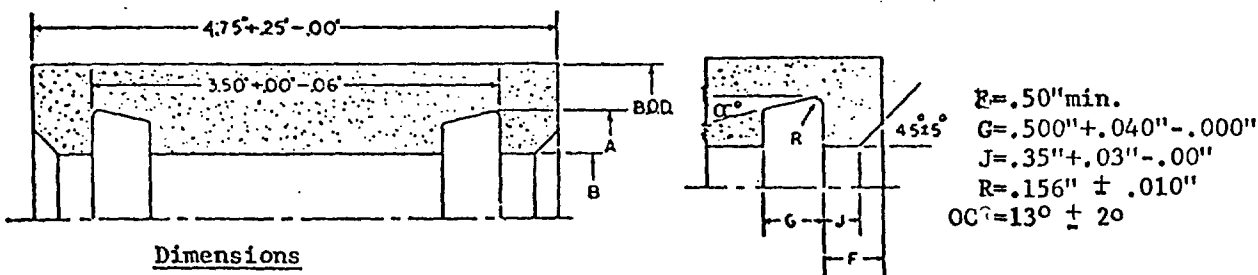
Length of Pipe

Dimensions

Refer to page 4-1 of this specification.

Pipe Size Inches	Class	Nominal I.D."	O.D. ₁ " + .02"	O.D. ₂ " ± .02"	B.O.D." Min	t" Min.
4	1500	4.00	4.62	4.78	4.81	.20
	2400	4.00	4.62	4.78	4.87	.20
	3300	4.00	4.62	4.78	5.01	.20
5	1500	5.00	5.66	5.82	5.91	.22
	2400	5.00	5.66	5.82	5.98	.22
	3300	5.00	5.66	5.82	6.20	.22
6	1500	6.00	6.66	6.82	6.91	.24
	2400	6.00	6.66	6.82	7.04	.24
	3300	6.00	6.66	6.82	7.22	.24

STANDARD COUPLING



Dimensions

Pipe Size Inches	A" ± .025"	B" ± .025"	B.O.D." + .25" - .00"		
			Class 1500	Class 2400	Class 3300
4	5.24	4.71	5.92	5.92	6.00
5	6.28	5.75	7.06	7.06	7.14
6	7.28	6.75	8.12	8.12	8.20

CTD015303

TECHNICAL SPECIFICATIONS

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A/C Standard Product Specification

T.C.O. REF. NO.

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2 Section A

PAGE NO.:

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SUPERSEDES:

March 5, 1979

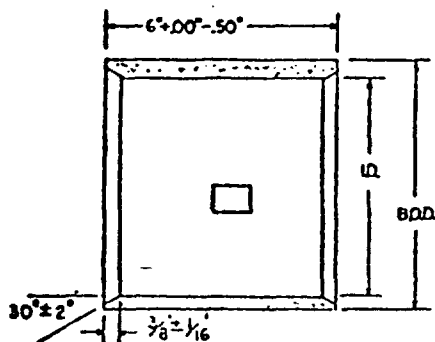
DATE OF ISSUE:

MAY 28 1980

DESCRIPTION:

FLUID-TITE A/C Sewer Pipe, Couplings and Accessories
Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 - Sections A & B

SLEEVE ADAPTOR



Dimensions

Pipe Size, Inches	I.D. " ±.030"	B.O.D." Min
4	5.45	6.42
5	6.50	7.50
6	7.50	8.67

Marking: - Special, refer to page 4-5
of this Specification.

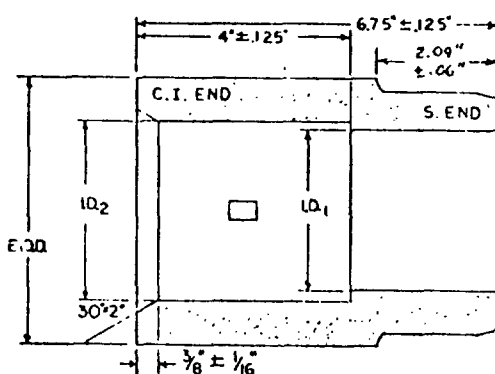
Rubber Rings, per Standard Purchasing Specification No. 512

Pipe Size, Inches	A/C Rough Barrel	Service Wt. C.I.	Extra Heavy Wt. C.I.
4	.375" Dia. X 5.08" O.D.	.750" Dia. X 5.39" O.D.	.665" Dia. X 5.38" O.D.
5	.375" Dia. X 6.97" O.D.	.750" Dia. X 6.27" O.D.	.665" Dia. X 6.27" O.D.
6	.375" Dia. X 6.97" O.D.	.750" Dia. X 7.17" O.D.	.665" Dia. X 7.17" O.D.

Note: 1. Sleeve Adaptor for use with any combination of A/C rough barrel (Class 1500 - 2400) Service Weight or Extra Heavy Weight Cast Iron.

CTD015304

INCREASER ADAPTOR CAST IRON TO SEWER



Dimensions

Pipe Size, C.I. to A/C	Nom. I.D. ₁ "	I.D. ₂ " ±.030"	B.O.D." Min.
2x4	2.95	3.20	4.81
3x4	3.80	4.10	5.04
4x5	4.70	5.10	6.08
4x6	4.70	5.10	6.91

Rubber Rings For Cast Iron End

Pipe Size	Service Weight	Extra Heavy Weight
2x4	.665" Dia. x 3.39" O.D.	.555" Dia. x 3.13" O.D.
3x4	.555" Dia. x 4.03" O.D.	.375" Dia. x 3.55" O.D.
4x5	.555" Dia. x 4.97" O.D.	.425" Dia. x 4.90" O.D.
4x6	.555" Dia. x 4.97" O.D.	.425" Dia. x 4.90" O.D.

Note: 1. Refer to standard pipe for O.D.₁ and bevel.

2. All cast iron and rings per A/C Standard Purchasing Specification No. 512.

Marking - Special - Refer to page 4-5 of this
Specification.

PREPARED BY:

FT

APPROVED BY:

MS

R & D

MFG.

SALES

I.E.

Q. C.

OTHERS

J.B.N. *J.R.A.*

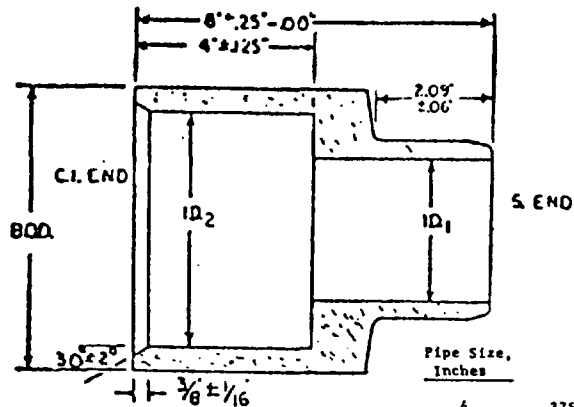
DATE OF ISSUE:
MAY 28 1980

SPECIFICATION NO:
2 Section A

PAGE NO.:
4-8

DESCRIPTION:

FLUID-TITE A/C Sewer Pipe, Couplings and Accessories
Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 - Sections A & B



ADAPTOR BELL AND SPIGOT

Pipe Size, Inches	Dimensions		
	Nom. I.D. ₁ "	I.D. ₂ " ±.030"	B.O.D." Min.
4	4.00	5.45	6.42
5	5.00	6.50	7.50
6	6.00	7.50	8.67

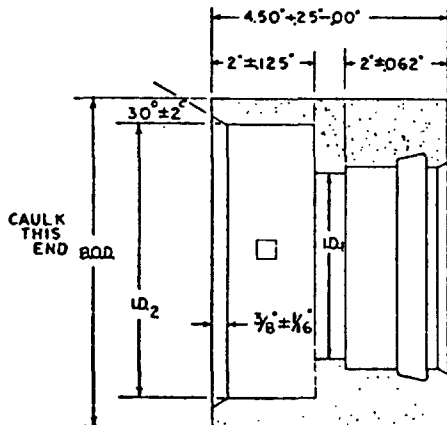
Rubber Rings, per Standard Purchasing Specification No. 512

Pipe Size, Inches	A/C Rough Barrel	Service Wt. C.I.	Extra Heavy Wt. C.I.
4	.375" Dia. X 5.08" O.D.	.750" Dia. X 5.39" O.D.	.665" Dia. X 5.38" O.D.
5	.375" Dia. X 6.07" O.D.	.750" Dia. X 6.27" O.D.	.665" Dia. X 6.27" O.D.
6	.375" Dia. X 6.97" O.D.	.750" Dia. X 7.17" O.D.	.665" Dia. X 7.17" O.D.

Note: Refer to standard pipe for O.D.₁ and bevel, is not shown.

Marking - Special - refer to page 4-5 of this specification.

**DUPLEX ADAPTOR COUPLING
CLAY SPIGOT TO A/C M.E.**



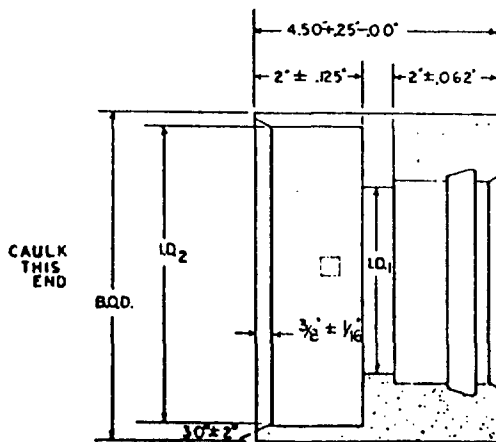
Dimensions

Pipe Size Inches	Nom. I.D. ₁ "	I.D. ₂ " ±.10"	B.O.D." +.25" -.00"
4	4.00	6.25	7.19
5	5.00	7.25	8.23
6	6.00	8.50	9.54

- Note: 1. Refer to standard coupling for machined dimensions not shown.
2. For standard strength and extra heavy strength clay.

Marking Example:

CERTAIN-TEED
DUPL. ADPT. CPLG.
CLAY SPIGOT - A.C.M.E.
4" SEWER 15/24/3300



**DUPLEX ADAPTOR COUPLING
CONCRETE TO F.T. SEWER**

Dimensions

Pipe Size, Inches	Nom. I.D. ₁ "	I.D. ₂ " ±.10"	B.O.D." +.25" -.00"
4	4.35	6.35	7.29
6	6.35	8.98	10.02

- Note: 1. Refer to standard coupling for machined dimensions not shown.

Marking Example:

CERTAIN-TEED
DUPL. ADPT. CPLG.
CONCRETE - FT. SEWER
6" SEWER 15/24/3300

CTD015305

TECHNICAL SPECIFICATIONS

CertainTeed

CertainTeed Corporation
Pipe and Plastics Group

SPECIFICATIONS CLASSIFICATION:

A/C Standard Product Specification

T.C.O. REF. NO.

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SPECIFICATION NO:

2 Section A

PAGE NO.:

4-9

SUPERSEDES:

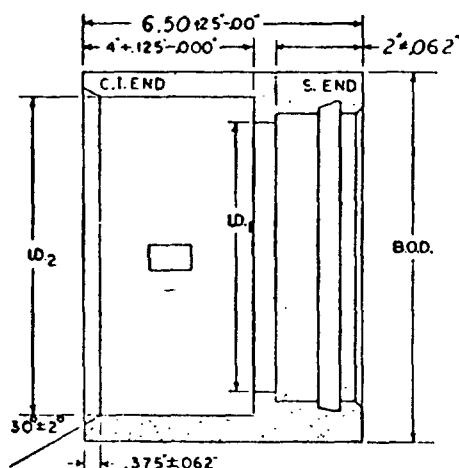
March 5, 1979

DATE OF ISSUE:

MAY 28 1980

DESCRIPTION:

FLUID-TITE A/C Sewer Pipe, Couplings and Accessories
Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 - Sections A & B



DUPLEX ADAPTOR COUPLING CAST IRON to SEWER

Pipe Size, Inches	Dimensions		
	Nom. I.D., "	I.D., ±.030"	B.O.D., + .25" - .00"
4	4.35	5.45	6.42
5	5.35	6.50	7.50
6	6.35	7.50	8.67

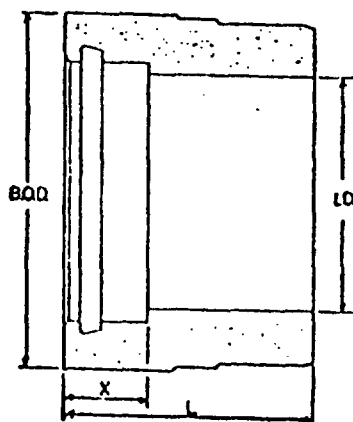
Rubber Rings, per Standard Purchasing Specification No. 512

Pipe Size, Inches	A/C Rough Barrel	Service Wt. C.I.	Extra Heavy Wt. C.I.
4	.375" Dia. X 5.08" O.D.	.750" Dia. X 5.39" O.D.	.665" Dia. X 5.38" O.D.
5	.375" Dia. X 6.07" O.D.	.750" Dia. X 6.27" O.D.	.665" Dia. X 6.27" O.D.
6	.375" Dia. X 6.97" O.D.	.750" Dia. X 7.17" O.D.	.665" Dia. X 7.17" O.D.

Note: Refer to standard coupling for machined dimensions not shown.

Marking - Special - refer to page 4-5 of this specification.

CTD015306



INCREASER ADAPTOR FLUID-TITE SEWER to FLUID-TITE SEWER

Marking Example:

CERTAIN-TEED
INCR. ADPT.
F.T. SEWER - F.T. SEWER
4" S. x 5" S. 15/24/3300

Pipe Size, Inches A/C to A/C	Nom. I.D.	Dimensions		
		B.O.D., + .25" - .00"	L, + .00" - 1.0"	X, + .13" - .00"
4 to 5	4.60	6.20	6.25	2.25
4 to 6	4.60	7.22	6.25	2.25
5 to 6	5.60	7.22	6.25	2.25

Note: 1. Refer to Standard Pipe and Coupling pages for machined dimensions not shown.

2. Machining not required on B.O.D. or I.D..

PREPARED BY:

FIS

APPROVED BY:

MRS

R & D

MFG.

SALES

I.E.

O.C.

OTHERS

DOH

J.R.A.

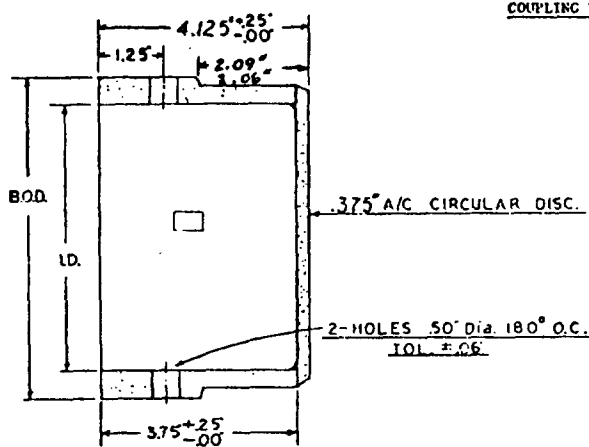
DATE OF ISSUE:
MAY 28 1980

SPECIFICATION NO:
2 Section A

PAGE NO.:
4-10

DESCRIPTION:

FLUID-TITE A/C Sewer Pipe, Couplings and Accessories
Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 - Sections A & B



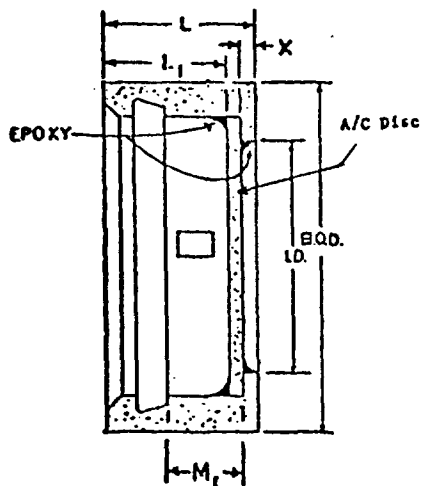
COUPLING END PLUG

Pipe Size, Inches	Nom. I.D."	B.O.D." Min. +.08" -.00"	A/C Circular Disc.
4	4.00	4.87	.375" x 4.70" O.D.
5	5.00	5.98	.375" x 5.75" O.D.
6	6.00	7.04	.375" x 6.75" O.D.

- Note: 1. Refer to standard pipe end for machined dimensions not shown.
2. A/C Circular Disc per A/C Standard Purchasing Specification No. 533.
3. Epoxy A/C Disc in place.

Marking Example:

CERTAIN-TEED
CPLG. END PLUG
4" Sewer 15/24/3300



END CAP

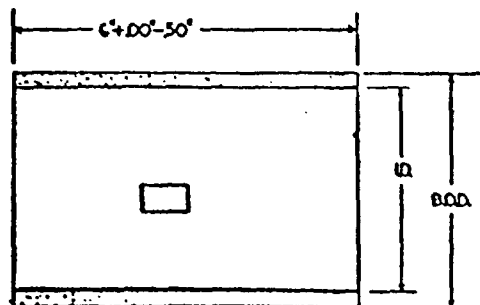
Pipe Size, Inches	Nom. I.D."	B.O.D." Min. +.08" -.00"	Dimensions				H1" +.00" -.06"
			L" +.25" -.00"	L1" ±.06"	X" Min.		
4	4.00	5.92	3.00	2.75	.25		1.63
5	5.00	7.06	3.00	2.75	.25		1.63
6	6.00	8.12	3.00	2.75	.25		1.63

Size, Inches	A/C Circular Disc.
4	.25" x 4.6" O.D.
5	.25" x 5.65" O.D.
6	.25" x 6.65" O.D.

Marking Example:

CERTAIN-TEED
END CAP
5" Sewer 15/24/3300

- Note: 1. Refer to standard coupling for machined dimensions not shown.
2. A/C Circular Discs per A/C Standard Purchasing Specification No. 533.



SLEEVE ADAPTOR (A/C ROUGH BARREL TO CLAY)

Pipe Size, Inches	I.D." ±.100"	B.O.D." Min.
4	6.00	7.00
6	8.50	9.50

- Note: 1. For caulk connecting any combination of A/C Rough Barrel (Class 1500 and 2400) to Standard or Extra Heavy Clay.

Marking Example:

CERTAIN-TEED
SLEEVE ADPT.
A.C. R.B. - CLAY
6" SEWER 15/24/3300

CTD015307

TECHNICAL SPECIFICATIONS

CertainTeed

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Pipe and Plastics Group

SPECIFICATIONS CLASSIFICATION:

A/C Standard Product Specification

T.C.O. REF. NO.

47

SPECIFICATION NO:

2 Section A

PAGE NO.:

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SUPERSEDES:

February 18, 1977

DATE OF ISSUE:

MAR 5 1979

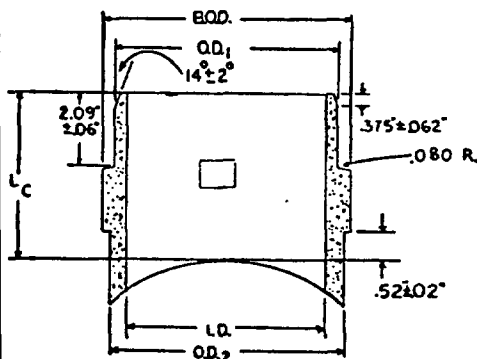
DESCRIPTION:

FLUID-TITE A/C Sewer Pipe, Couplings, and Accessories
Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 Sections A and B

SEWER TEE NIPPLE FOR FIELD CUT MAINS

Marking Example:

CERTAIN-TEED
SEWER TEE NIPPLE
4" SEWER x 12"



Dimensions

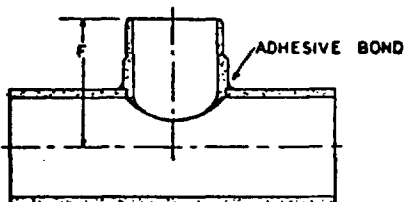
Nipple Size Inches	Nov. I.D."	B.O.D." Min.	O.D.1" ±.02"	O.D.2" ±.02"	L.C." ±.06"
4	4.00	5.50	4.62	4.92	5.00
5	5.00	6.50	5.66	5.92	5.00
6	6.00	7.50	6.66	6.92	5.00

Reference No. of Central
Engineering Dwg. No. 9641
(for contour cut)

Class 1500, 2400, 3300

	F" Branch Size		
	4"	5"	6"
6	8.00	8.00	X
8	9.00	9.00	9.00
10	10.00	10.00	10.00
12	11.00	11.00	11.00
14	12.00	12.00	12.00
15	12.50	12.50	12.50
16	13.00	13.00	13.00
18	14.00	14.00	14.00
20	15.00	15.00	15.00
21	15.50	15.50	15.50
24	17.00	17.00	17.00

	Branch Size		
	4"	5"	6"
2	2	X	
29	29	29	
51	51	51	
52	52	52	
53	53	53	
12	12	12	
14	14	14	
44	44	44	
19	19	19	
20	20	20	
23	23	23	



X = Not required

Note: 1. Liability is for material only. Not responsible for workmanship of drilling or epoxying.
2. Adhesive (epoxy) to be supplied by Sales Department.
3. To be field cut by a Pilot A/C Hole Cutter or its equivalent. For a 4" Nipple, use a 5" cutter shell, for a 5" Nipple use a 6" cutter shell, and for a 6" Nipple use a 7" cutter shell.
Address: Pilot Manufacturing Company
P.O. Box 3128
20433 Earl Street
Torrance, California 90503

CTD015308

PREPARED BY:

LBQ

APPROVED BY:

mas

R & D

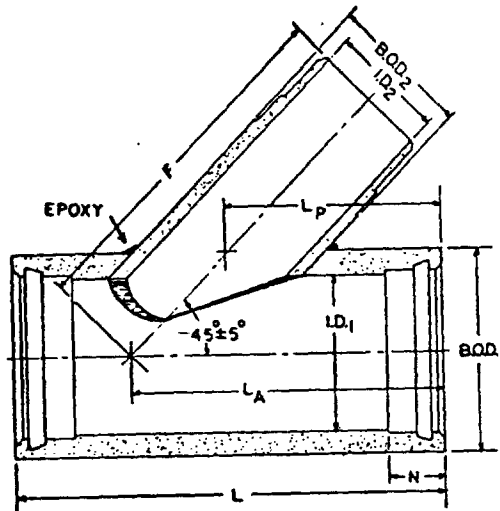
MFG.

SALES

I.E.

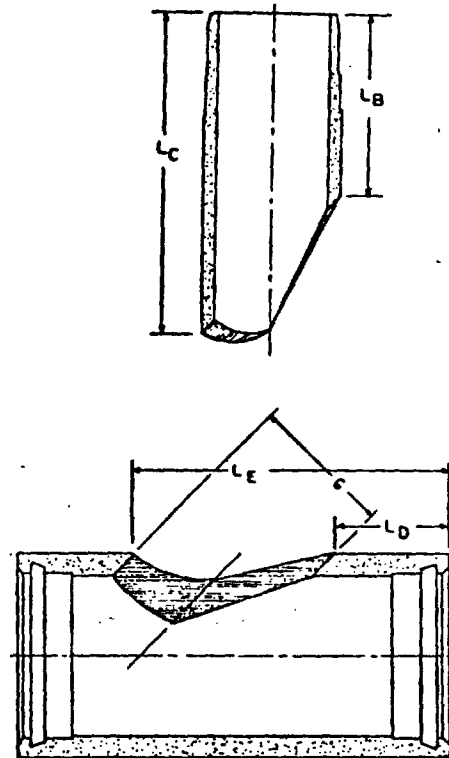
OTHERS

45° WYE FITTING



Marking Example:

CERTAIN-TEED
45° WYE
4"S. x 4"S. 15/24/3300



Dimensions

Reducing $R = 2.00" \pm .062"$

Pipe Size, Inches	Nom. I.D.1"	Nom. I.D.2"	B.O.D.1" +.25" -.00"	B.O.D.2" Min.	G" +.030" -.020"	L _P "	F"	L.A."	L" +.00" -.50"	L.C." +.06"	L.B." +.06"	L.D." +.06"	L.E." +.06"
3x4	5.60	4.00	7.06	4.87	4.89	7.63	12.25	11.16	15.25	11.25	6.38	4.18	11.08
6x4	6.60	4.00	8.12	4.87	4.89	8.50	13.00	12.56	17.00	11.30	6.43	5.05	11.95
6x5	6.60	5.00	8.12	5.98	6.00	8.50	13.75	12.56	17.00	12.40	5.42	4.27	12.73

Non-Reducing

Pipe Size, Inches	Nom. I.D.1"	Nom. I.D.2"	B.O.D.1" +.25" -.00"	B.O.D.2" Min.	F"	L _P "	L.A."	L" +.00" -.50"	L.C." +.06"	L.B." +.06"	L.D." +.06"	L.E." +.06"
4x4	4.60	4.00	5.92	4.87	11.50	6.88	9.84	13.75	9.80	4.93	3.43	10.33
5x5	5.60	5.00	7.06	5.98	12.75	7.63	11.16	15.25	10.70	4.72	3.40	11.86
6x6	6.60	6.00	8.12	7.04	14.25	8.50	12.56	17.00	11.88	4.84	3.51	13.49

Note: 1. Refer to standard coupling machining for main machining.
2. Refer to standard pipe for machining dimensions not shown.

CTD015309

TECHNICAL SPECIFICATIONS

CertainTeed

CertainTeed Corporation
Pipe and Plastics Group

SPECIFICATIONS CLASSIFICATION:

A/C Standard Product Specification

T.C.O. REF. NO.

47

SPECIFICATION NO:

2 Section A

PAGE NO.:

4-13

SUPERSEDES:

February 18, 1977

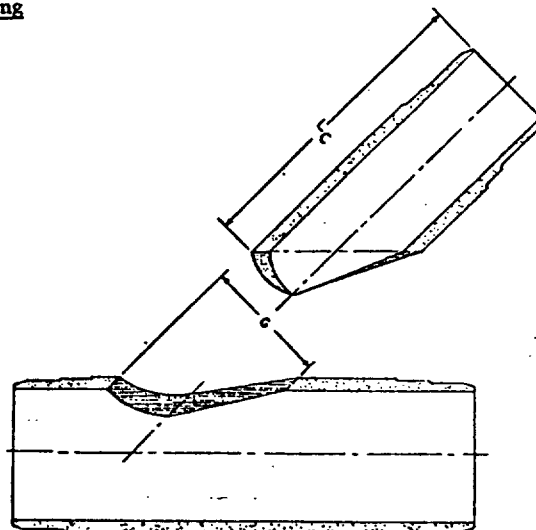
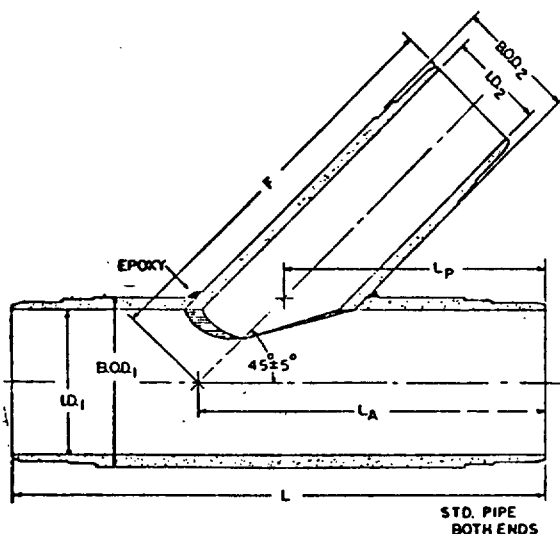
DATE OF ISSUE:

MAR 5 1979

DESCRIPTION:

FLUID-TITE A/C Sewer Pipe, Couplings, and Accessories
Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 Sections A and B

45° Wye Fitting



Marking Example:

CERTAINTEED
45° WYES
6"S. x 6"S. 15/24/3300

Dimensions

Reducing

Pipe Size, Inches	Nom. I.D. ₁ "	Nom. I.D. ₂ "	B.O.D. ₁ " Min.	B.O.D. ₂ " Min.	G" +.03" -.02"	L _p "	F"	L _A "	L" +.00" -.50"	L _C " ±.06"
6 x 4	6.00	4.00	7.04	4.87	4.89	9.65	12.80	13.20	36.00	11.00

Non-Reducing

Pipe Size, Inches	Nom. I.D. ₁ "	Nom. I.D. ₂ "	B.O.D. ₁ " Min.	B.O.D. ₂ " Min.	G" +.03" -.02"	L _p "	F"	L _A "	L" +.00" -.50"	L _C " ±.06"
6 x 6	6.00	6.00	7.50	7.04	7.06	11.20	13.89	14.72	36.00	13.67

CTD015310

Notes: 1. Refer to standard pipe machining for main and branch dimensions not shown.

PREPARED BY:

LBZ

APPROVED BY:

mk

R & D

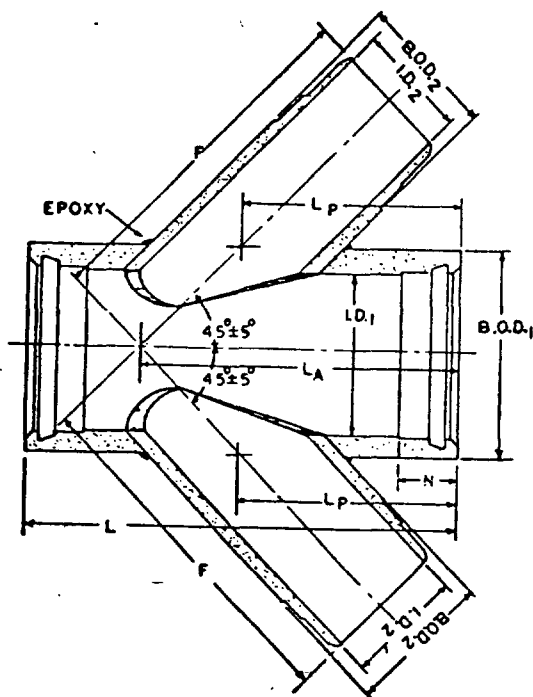
MFG.

SALES

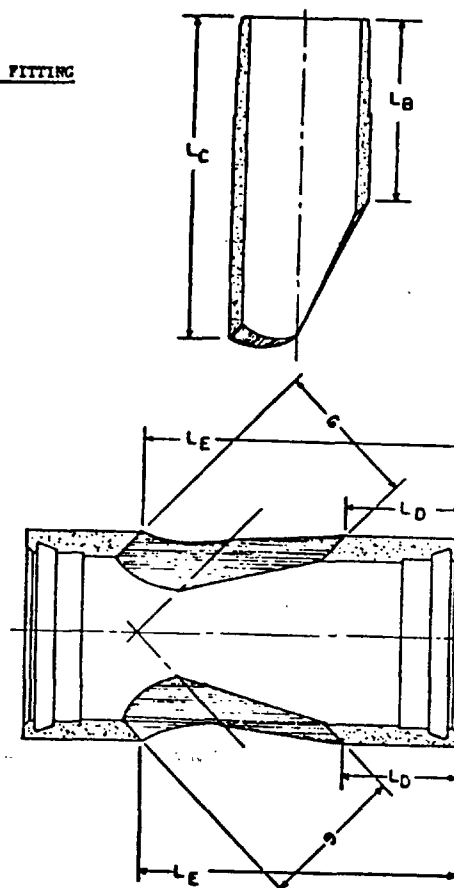
I.E.

OTHERS

Mark BOC



45° DOUBLE WYE FITTING



Marking Example:

CERTAIN-TEED
45° DBLE. WYE
6"x6"x6" 15/24/3300

Dimensions

Reducing $N = 2.00" \pm .062"$

Pipe Size, Inches	Nom. I.D.-1"	Nom. I.D.-2"	B.O.D.-1" +.25" - .00"	B.O.D.-2" Min.	G" +.030" - .020"	L _P "	F"	L.A."	L"	L.C."	L.B."	L.D."	L.E."
5x4	5.60	4.00	7.06	4.87	4.89	7.63	12.25	11.16	15.25	11.25	6.38	4.18	11.08
6x4	6.60	4.00	8.12	4.87	4.89	8.50	13.00	12.56	17.00	11.30	6.43	5.05	11.95
6x5	6.60	5.00	8.12	5.98	6.00	8.50	13.75	12.56	17.00	12.40	5.42	4.27	12.73

Non-Reducing

Pipe Size, Inches	Nom. I.D.-1"	Nom. I.D.-2"	B.O.D.-1" +.25" - .00"	B.O.D.-2" Min.	F"	L _P "	L.A."	L"	L.C."	L.B."	L.D."	L.E."
4x4	4.60	4.00	5.92	4.87	11.50	6.88	9.34	13.75	9.80	4.93	3.43	10.33
5x5	5.60	5.00	7.06	5.98	12.75	7.63	11.16	15.25	10.70	4.72	3.40	11.86
6x6	6.60	6.00	8.12	7.04	14.25	8.50	12.56	17.00	11.88	4.84	3.51	13.49

- Note: 1. Refer to standard coupling machining for main machining.
2. Refer to standard pipe for machining dimensions not shown.
3. Same branch both sides of main.
4. Branches to be 180° apart.

CTD015311

TECHNICAL SPECIFICATIONS

CertainTeed

CertainTeed Corporation
Pipe and Plastics Group

SPECIFICATIONS CLASSIFICATION:

A/C Standard Product Specification

T.C.O. REF. NO.

47

SPECIFICATION NO:

2 Section A

PAGE NO.:

4-15

SUPERSEDES:

February 18, 1977

DATE OF ISSUE:

MAR 5 1979

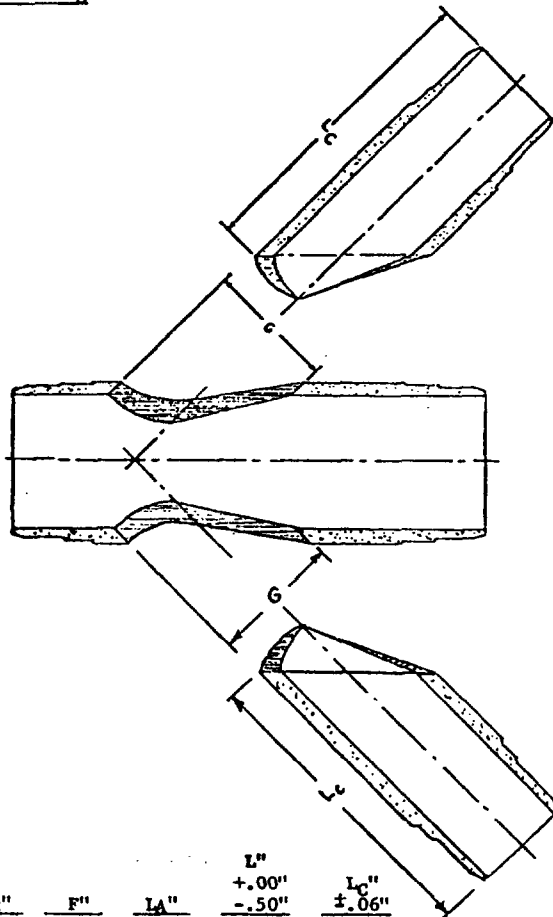
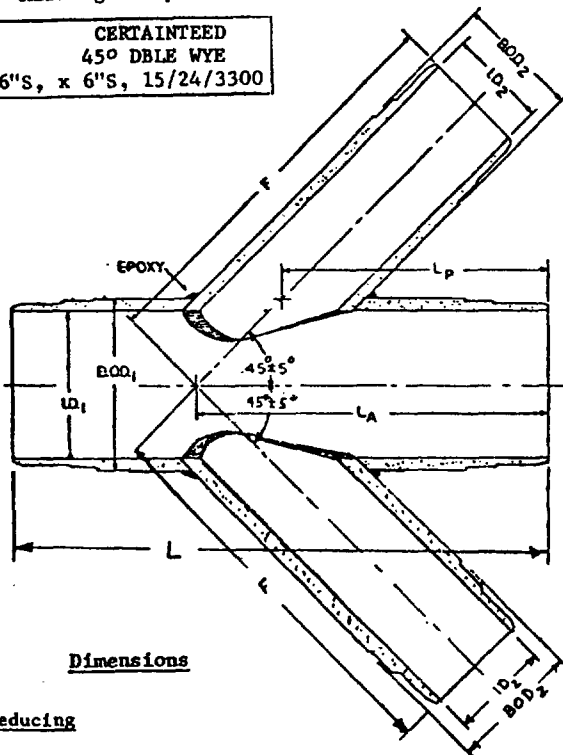
DESCRIPTION:

FLUID-TITE A/C Sewer Pipe, Couplings, and Accessories
Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 Sections A and B

45° Double Wye Fitting

Marking Example:

CERTAINTEED
45° DBLE WYE
6"S, x 6"S, 15/24/3300



Dimensions

Reducing

Pipe Size, Inches	Nom. I.D. 1"	Nom. I.D. 2"	B.O.D. 1" Min.	B.O.D. 2" Min.	G" +.03" - .02"	Lp"	F"	LA"	L" +.00" - .50"	Lc" ±.06"
6 x 4	6.00	4.00	7.04	4.87	4.89	9.65	12.80	13.20	36.00	11.00

Non-Reducing

Pipe Size, Inches	Nom. I.D. 1"	Nom. I.D. 2"	B.O.D. 1" Min.	B.O.D. 2" Min.	G" +.03" - .02"	Lp"	F"	LA"	L" +.00" - .50"	Lc" ±.06"
6 x 6	6.00	6.00	7.50	7.04	7.06	11.20	13.89	14.72	36.00	13.67

- Notes: 1. Refer to standard pipe machining for main and branch dimensions not shown.
2. Same branch both sides of main.
3. Branches to be 180° apart.

CTD015312

PREPARED BY:

SLN

APPROVED BY:

ms

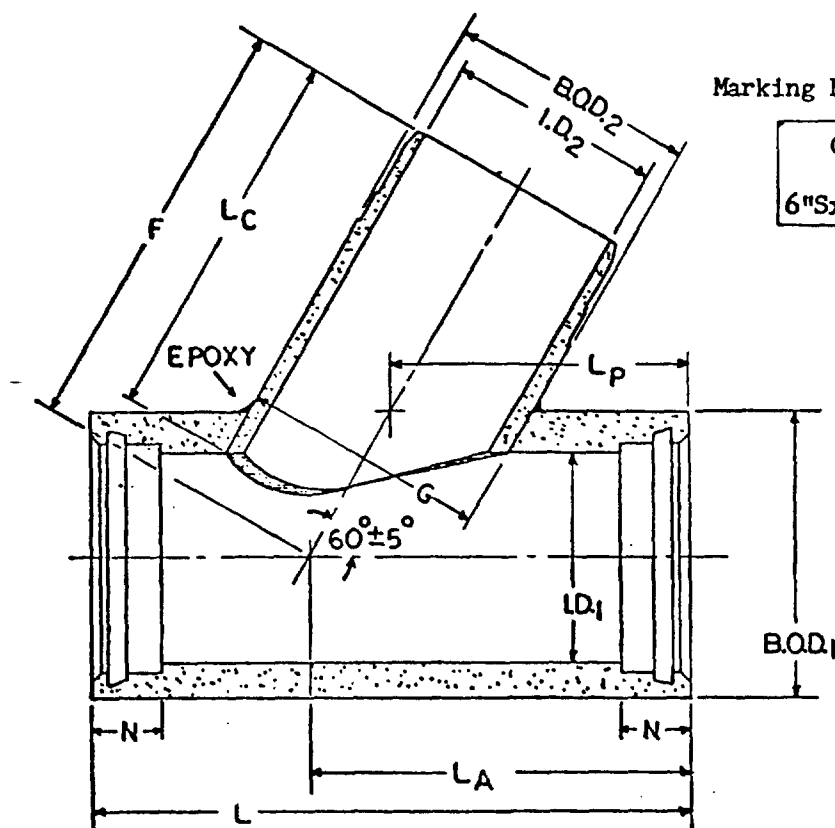
R & D

MFG.

SALES

I.E.

OTHERS

60° WYE FITTING

Marking Example:

CERTAIN-TEED 60° WYE 6"Sk4"S 15/24/3300

N=2.00" ±.062"

Pipe Size Inches	Nom. I.D. ₁ "	Nom. I.D. ₂ "	B.O.D. ₁ " +.25" -.00"	B.O.D. ₂ " Min.	G" +.03" -.02"	L" +.00" -.50"	L _A "	F"	L _C " ±.06"	L _P "
6x4	6.60	4.00	8.12	4.87	4.89	17.00	10.94	10.75	9.37	8.60
6x5	6.60	5.00	8.12	5.98	6.00	17.00	11.42	12.00	10.14	9.08
6x6	6.60	6.00	8.12	7.04	7.06	17.00	11.88	12.75	10.77	9.54

Note: Refer to Standard Pipe and Coupling for machining dimensions not shown.

CTD015313

TECHNICAL SPECIFICATIONS

CertainTeed

CertainTeed Corporation
Pipe and Plastics Group

SPECIFICATIONS CLASSIFICATION:

A/C Standard Product Specification

T.C.O. REF. NO.

47

SPECIFICATION NO:

2 Section A

PAGE NO.:

4-17

SUPERSEDES:

February 18, 1977

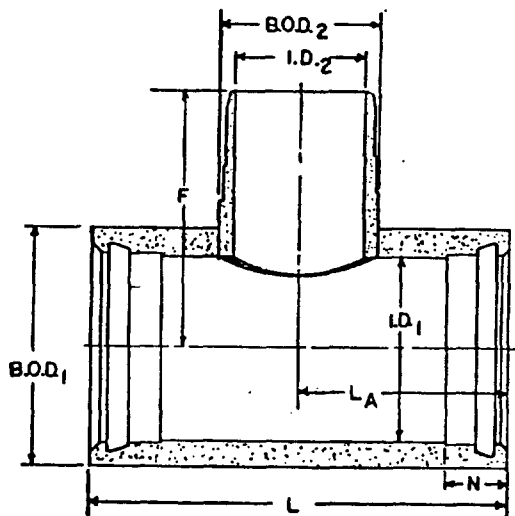
DATE OF ISSUE:

MAR 5 1979

DESCRIPTION:

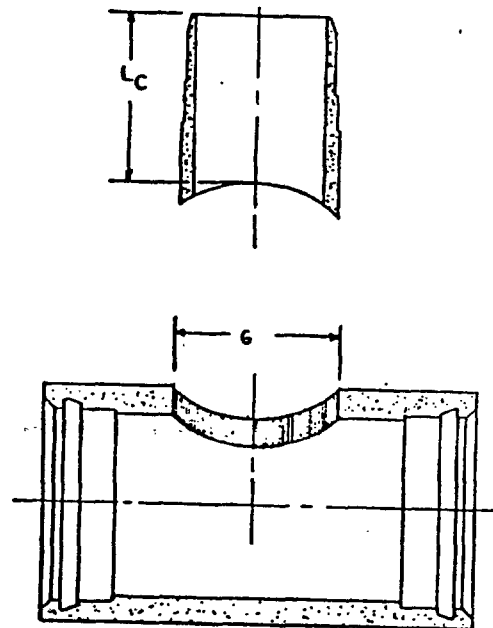
FLUID-TITE A/C Sewer Pipe, Couplings, and Accessories
Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 Sections A and B

TEE FITTING



Marking Example:

CERTAIN-TEED
TEE
4"S.x4"S. 15/24/3300



Reducing $N = 2.00" \pm .062"$

Pipe Size, Inches	Nom. I.D. 1"	Nom. I.D. 2"	B.O.D. 1" +.25" -.00"	B.O.D. 2" Min.	L" +.00" -.50"	G" +.030" -.020"	F"	L.C." +.06"	L.A"
5x4	5.60	4.00	7.06	4.87	12.75	4.89	8.77	5.97	6.375
6x4	6.60	4.00	8.12	4.87	13.75	4.89	9.30	6.00	6.875
6x5	6.60	5.00	8.12	5.98	13.75	6.00	9.30	6.00	6.875

Non-Reducing

Pipe Size, Inches	Nom. I.D. 1"	Nom. I.D. 2"	B.O.D. 1" +.25" -.00"	B.O.D. 2" Min.	L" +.00" -.50"	G" +.030" -.020"	F"	L.C." +.06"	L.A"
4x4	4.60	4.00	5.92	4.87	11.50	8.20	4.89	5.90	5.75
5x5	5.60	5.00	7.06	5.98	12.75	8.77	6.00	5.97	6.375
6x6	6.60	6.00	8.12	7.04	13.75	9.30	7.06	6.00	6.875

- Note: 1. Refer to standard pipe for machining dimensions not shown.
2. Refer to standard coupling for machining dimensions not shown.

CTD015314

PREPARED BY:

[Signature]

APPROVED BY:

[Signature]

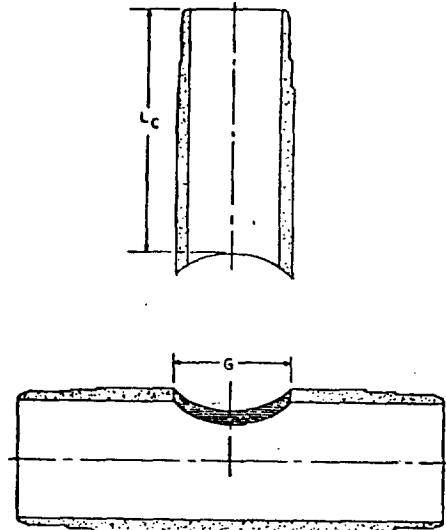
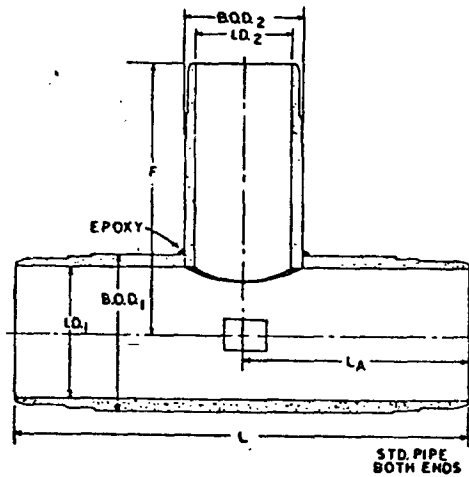
R & D

MFG.

SALES

I.E.

OTHERS

Tee Fitting

Marking Example:

CERTAINTEED
TEE
6"S. x 4"S. 15/24/3300

Dimensions

Pipe Size, Inches	Nom. I.D. 1"	Nom. I.D. 2"	B.O.D. 1" Min.	B.O.D. 2" Min.	L" +.00" -.50"	G" +.03" -.02"	F"	L _C " +.06"	L _A "
6 x 4	6.00	4.00	7.04	4.87	36.00	4.89	9.50	6.00	9.50
6 x 6	6.00	6.00	7.50	7.04	36.00	7.06	8.66	5.66	8.75

Notes: 1. Refer to standard pipe machining for main and branch dimensions not shown.

CTD015315

TECHNICAL SPECIFICATIONS

CertainTeed

CertainTeed Corporation
Pipe and Plastics Group

SPECIFICATIONS CLASSIFICATION:

A/C Standard Product Specification

T.C.O. REF. NO.

47

SPECIFICATION NO:

2 Section A

PAGE NO.:

4-19

SUPERSEDES:

February 18, 1977

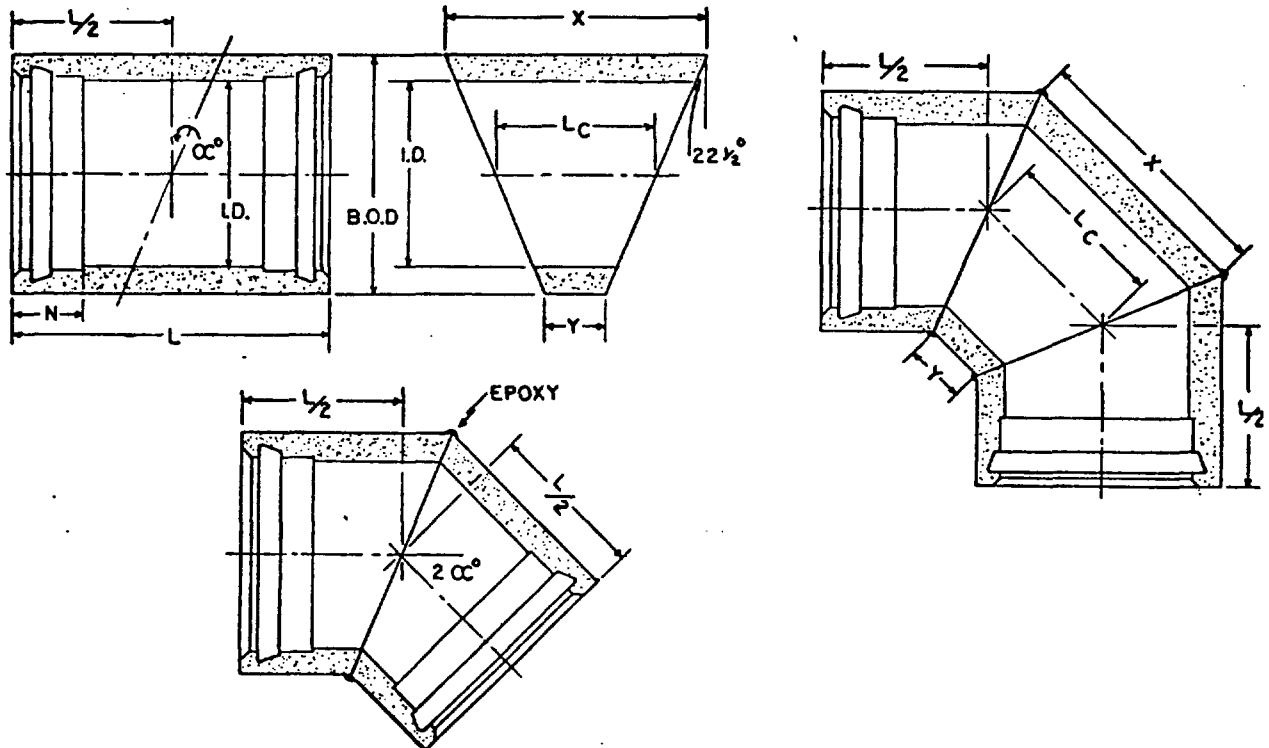
DATE OF ISSUE:

MAR 5 1979

DESCRIPTION:

FLUID-TITE A/C Sewer Pipe, Couplings, and Accessories
Classes 1500, 2400, 3300, 4000, 5000, 6000 and 7000 Sections A and B

11 1/2°, 22 1/2°, 30°, 45°, and 90° ELBOWS



All Pipe Sizes - 1500, 2400, and 3300

CTD015316

N=2.00" ±.062"

		$\alpha \pm 2^\circ$	$2\alpha \pm 5^\circ$
11 1/2° Elbows		5 5/8"	11 1/4"
22 1/2° Elbows		11 1/4"	22 1/2"
30° Elbows		15"	30"
45° Elbows		22 1/2"	45"
90° Elbows		22 1/2"	45"

Marking Example:

CERTAIN-TEED
30° EL
6" Sewer 15/24/3300

Pipe Size, Inches	Nom. I.D."	B.O.D." +.25" - .00"	L" +.25" - .00"	L/2"	Lc"	Y" +.125" - .000"	X" +.125" - .000"
4	4.60	5.92	10.75	5.375	5.375	2.915	7.835
5	5.60	7.06	10.75	5.375	5.375	2.455	8.295
6	6.60	8.12	10.75	5.375	5.375	2.015	8.735

- Notes:
1. Refer to standard coupling for machining not shown.
 2. For fabrication of 90° elbows, add fillet to 45° elbow. (Tolerance on 90° elbows ±5°)
 3. Epoxy all adjoining surfaces. Remove excess on inside for smooth surface.

PREPARED BY:

DBN

APPROVED BY:

mps

R & D

MFG.

SALES

I.E.

OTHERS

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