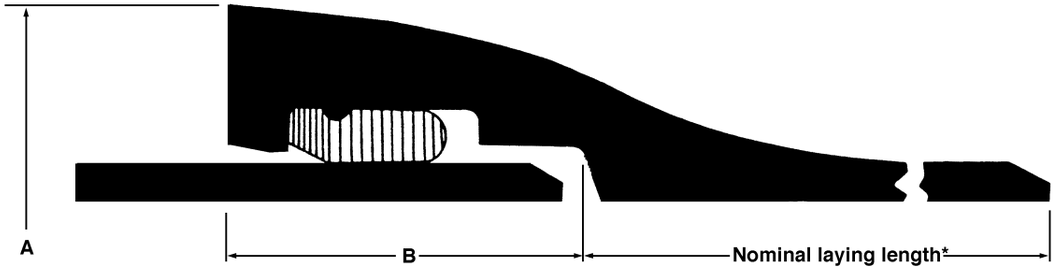
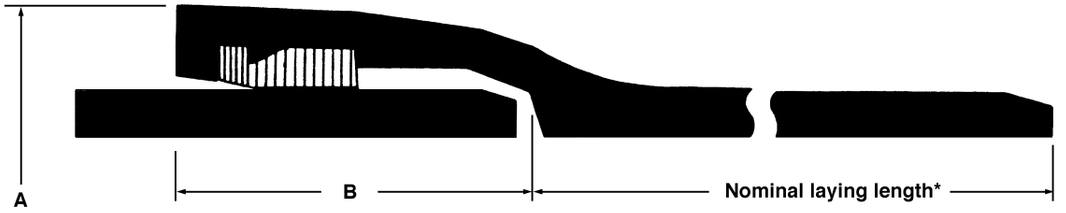
TYTON® JOINT PIPE

Sizes 3" - 24"



FASTITE® JOINT PIPE

Sizes 30" - 36"



NOMINAL THICKNESS FOR STANDARD PRESSURE CLASSES OF DUCTILE IRON PIPE

Size Inches	Outside Diameter Inches	Pressure Class*				
		150	200	250	300	350
		Normal Thickness Inches				
3	3.96	. . .	. . .	. . .	. . .	0.25**
4	4.80	. . .	. . .	. . .	. . .	0.25**
6	6.90	. . .	. . .	. . .	. . .	0.25
8	9.05	. . .	. . .	. . .	. . .	0.25
10	11.10	. . .	. . .	. . .	. . .	0.26
12	13.20	. . .	. . .	. . .	. . .	0.28
14	15.30	. . .	. . .	0.28	0.30	0.31
16	17.40	. . .	. . .	0.30	0.32	0.34
18	19.50	. . .	. . .	0.31	0.34	0.36
20	21.60	. . .	. . .	0.33	0.36	0.38
24	25.80	. . .	0.33	0.37	0.40	0.43
30	32.00	0.34	0.38	0.42	0.45	0.49
36	38.30	0.38	0.42	0.47	0.51	0.56

*Pressure Classes are defined as the rated water pressure of the pipe in psi. The thicknesses shown are adequate for the rated water working pressure plus a surge allowance of 100 psi. Calculations are based on a minimum yield strength of 42,000 and a 2.0 safety factor times the sum of the working pressure and 100 psi surge allowance.

**Calculated thicknesses for these sizes and pressure ratings are less than those shown above. Presently these are the lowest nominal wall thicknesses available in these sizes.

NOTE: Per ANSI/AWWA C150/A21.50 the thicknesses above include the 0.08" service allowance and the casting tolerance listed below by size ranges.

SIZE (Inches)	CASTING TOLERANCES (Inches)
3-8	- 0.05
10-12	- 0.06
14-36	- 0.07

630 Linn Street • Coshocton, Ohio 43812 • (740) 622-6651 • FAX (740) 622-4272

CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

Joe Voypick
SUBMITTED BY

221116-002
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

221116
SPECIFICATION SECTION / PARAGRAPH

Castle Contracting LLC
MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

- ◯ Shop Drawings
- ◯ Samples (_____ copies)
- ◯ LEED Submittal
- ◯ Certification / Qualifications
- ◯ Record Documents
- ◉ Product Data
- ◯ Coordination Drawing
- ◯ Calculations
- ◯ Schedules
- ◯ O&M Manuals
- ◯ Other _____

ITEM BEING SUBMITTED FOR (check only one)

◉ Action ◯ Information Only ◯ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

Joe Voypick
REVIEWED BY

8/4/16
DATE

To be completed by Reviewer

22 1116-002
CANNON DESIGN SUBMITTAL NUMBER

8/5/16
RECEIVED DATE

- ◯ A. No Exceptions Taken
  No further review of submittal is required.
- ◯ B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ◯ C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ◯ D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ◯ E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ◯ F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS ◯ See attached sheet(s) for additional comments

REVIEWED BY

8/5/2016
DATE

77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0173

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 08/04/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Split Water Service Product Data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☑ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	**SENT VIA:**	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☑ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

Item	*Package*	*Code*	*Rev.*	*Copies*	*Date*	*Description*	*Status*
Submittal		221116-002	1		08/04/2016	Split Water Service Product Data	Submitted

NOTES:

CC:

Signed: _____

Devin Gates

CASTLECONTRACTING

SUBMITTAL TRANSMITTAL

345 Marshall Avenue Suite 302, Webster Groves, MO 63119
314-421-0042 phone, 314-231-9157 fax

To: Paric Corporation
77 Westport Plaza, Suite 250
St. Louis, MO 63146

From: Ethan Gwinn
Date: 8/4/2016

Attn: Jason Szachnieski

Project Name:
CASTLE Project Number:
Architect/Engineer's Project Number:

Subm. #: 5 **Sub/Vendor:** Midwest Municipal Supply

PLEASE FIND ENCLOSED:

Copies	Date	No.	Description
1	8/4/2016	1	Domestic & Fire Water Service

ACTION:

X	For Approval		Approved As Submitted
	For your Use		Approved As Noted
	As requested		Revise & Resubmit

COMMENTS:

CC: File