

Smartstream J Pit Rodding Eye

Technical Guide D4.8

Rotomolded LMDPE terminal elbow for sewer or stormwater application.



02.2.5 | DRAINAGE | D4.8 SMARTSTREAM J PIT RODDING EYE CHAMBER

Applications

Point of supply, boundary connection for house laterals, head of line, rodding point, CCTV access

Product Attributes

Suits most types and sizes of pipe up to 250 mm

Manufactured from state-of-the-art polyethylene, it has outstanding impact, corrosion and UV resistance

Easy installation without the requirement of heavy lifting or machinery

Does not require concrete encasement

J Pit allows multiple inlets to be attached at any angle between 45° and 315° from the downstream

Approvals/Standards

WSA 137 – 2013 Maintenance Shafts and Maintenance Chamber for Sewerage in the 150mm and 225mm sizes with PVC RRJ, PVC SWJ and PE Spigot connections

Quality/Environment/Health & Safety

ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018

As part of the Smartstream family of products, the J Pit is an excellent and durable alternative for rodding eye and point of supply applications.

Product Overview

- Lightweight and durable. No heavy lifting equipment required.
- With J Pit multiple combinations are possible. J Pit allows multiple inlets to be attached at any angle between 45° and 315° from the downstream.

Design Specifications

- Rotationally molded one piece unit
- All units are pressure tested prior to despatch.
- Radius and diameter of curve is designed to accommodate all CCTV and rodding systems.
- 225 mm RRJ riser connection with sealed PVC lid.
- Can be manufactured with up to three 100 mm (or smaller) inlets.
- In order to manufacture the product to customer requirements, a drill order sheet must be completed and sent to Hynds Fabrication through your local branch.

Installation

- Bedding material must be in accordance with local council requirements.
- Connect downstream and ensure the top of the J Pit is level.
- Pack/tamp to support product
- Connect upstream(s)
- Connect vertical riser and cut to length
- Attach solvent welded riser cap
- Backfill and compact
- Install access cover (top hat)

TABLE 1 Configuration Examples (*)

Product Code	Description
J Pit Terminal Elbow Application	
SMT01602110	100 mm PVC Downstream
SMT01602120	150 mm PVC Downstream
SMT01602130	225 mm PVC Downstream
SMT01602140	110 mm OD PE Downstream
SMT01602150	160 mm OD PE Downstream
SMT01602160	180 mm OD PE Downstream
SMT01602170	250 mm OD PE Downstream

J Pit Rodding Eye Application

SMT01602111	2 Way Connection for 100 mm PVC
SMT01602112	3 Way Connection for 100 mm PVC
SMT01602121	150 mm PVC Outlet and 1 x 100 mm Inlet
SMT01602122	150 mm PVC Outlet and 2 x 100 mm Inlet
SMT01602131	225 mm PVC Outlet and 1 x 100 mm Inlet
SMT01602132	225 mm PVC Outlet and 2 x 100 mm Inlet
SMT01602141	110 mm OD PE Outlet and 1 x 100 mm Inlet
SMT01602142	110 mm OD PE Outlet and 2 x 100 mm Inlet
SMT01602151	160 mm OD PE Outlet and 1 x 100 mm Inlet
SMT01602152	160 mm OD PE Outlet and 2 x 100 mm Inlet
SMT01602161	180 mm OD PE Outlet and 1 x 100 mm Inlet
SMT01602162	180 mm OD PE Outlet and 2 x 100 mm Inlet
SMT01602171	250 mm OD PE Outlet and 1 x 100 mm Inlet
SMT01602172	250 mm OD PE Outlet and 2 x 100 mm Inlet

(*) Inlet and angle configuration is custom made to provide complete versatility

TABLE 2 Solid Top Round Frames and Covers (top hat)

Product Code	Description
BSTOPC375B	Cover 375 mm Class B
BSTOPF375B	Frame 375 mm Class B
BSTOPC375D	Cover 375 mm Class D
BSTOPF375D	Frame 375 mm Class D

TABLE 3 Smartstream J Pit components

Item	Description	Material
A	Maintenance shaft cover/top hat	Cast Iron
B	Vertical riser cap	PVC
C	225 PVC riser	PVC
D	100 mm PE-PVC RRJ Connector	PE
E	150 mm PE-PVC RRJ Connector	PE

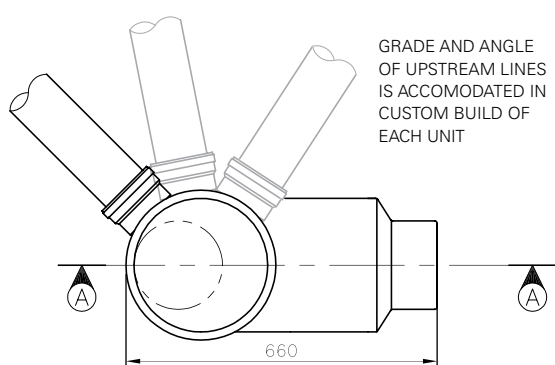


FIG. 1 Plan

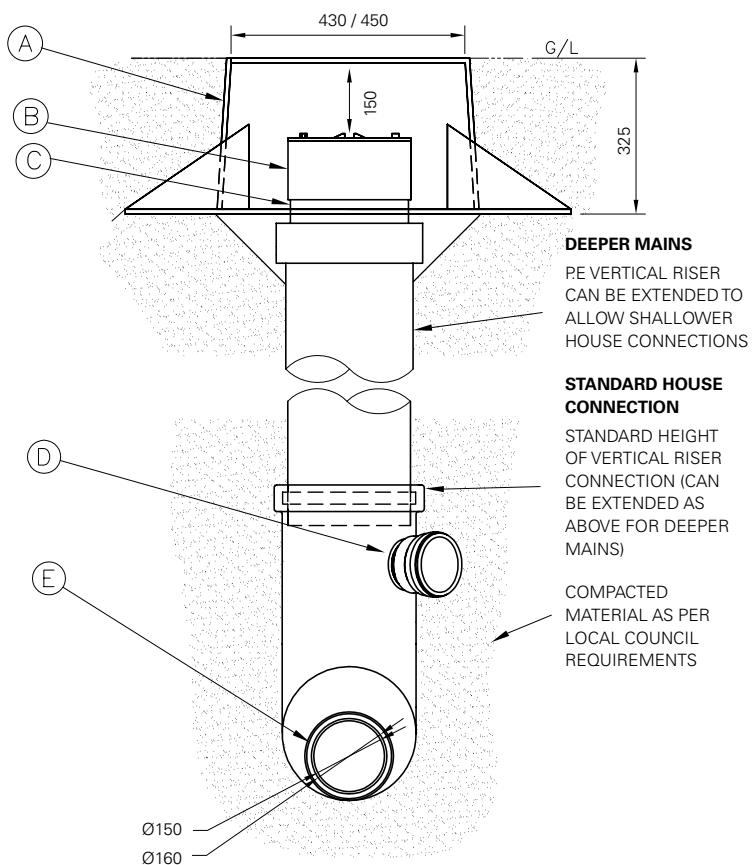


FIG. 2 Front View

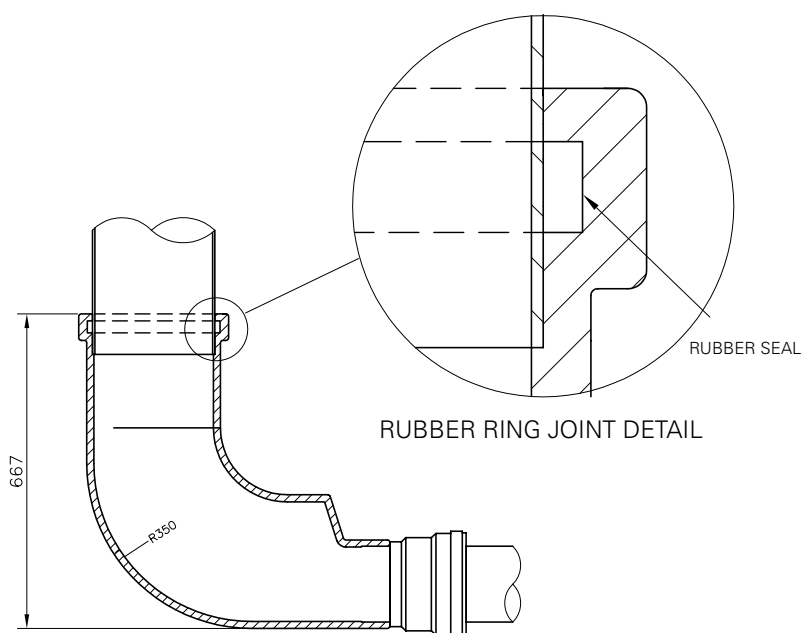
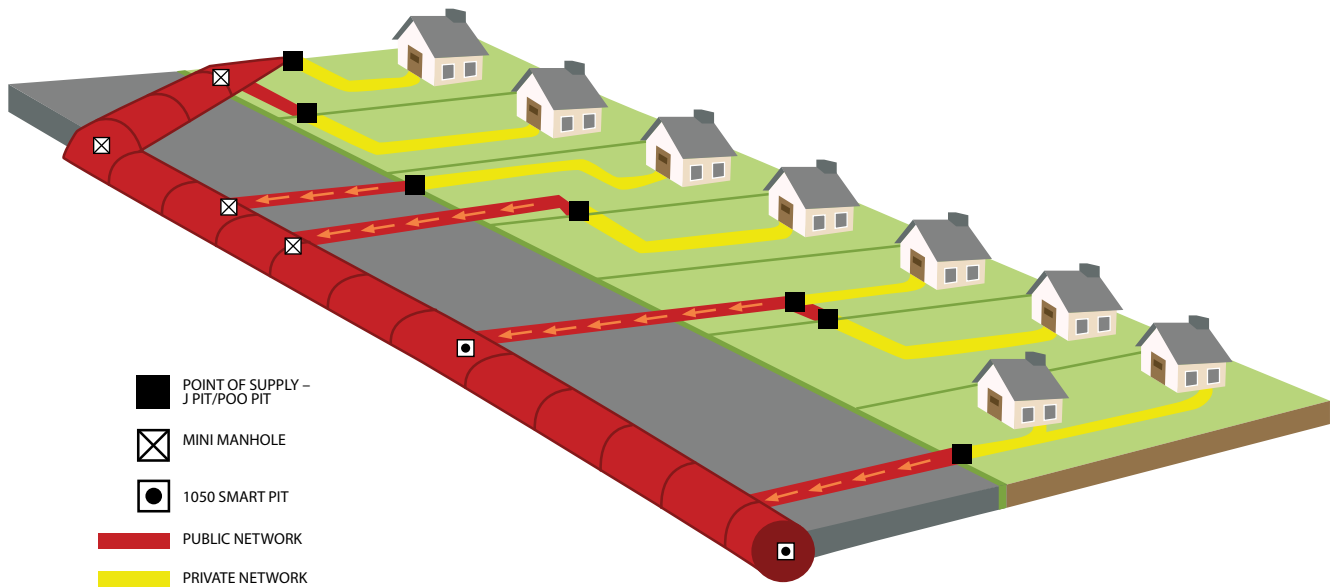


FIG. 3 SECTION 'A-A' SHOWN WITH 150 DIA RRJ FITTING

Typical Smartstream Application



Smartstream Family of Products

The J Pit is part of the Smartstream family of products, the most complete portfolio of PE solutions for drainage and sewer applications.

J Pit



Poo Pit



Mini Manhole



1050 Smart Pit



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