

NARRATIVE
RESIDENTIAL SEWER CONNECTIONS TO THE
MSA INTERCEPTOR SEWER SYSTEM
(42" & 36" Diameter RCP Pipe)

- The method of tapping the pipe must be watertight with no protrusion into the RCP.
- Holes broken into the pipe by hammer with grouted pipes are not acceptable.
- An acceptable method is to core a smooth hole and insert a custom compression fitting like "Inserta-Tee" (see attached). A local supplier is Brent Materials.
- The best place is between 12 and 2 o'clock with fittings on the 4" lateral pipe to level out.
- Check with the Township on which type of PVC pipe (SDR 35/26 or Sch 40) is acceptable for the lateral and make sure to select the appropriate Inserta-Tee.
- MSA must be notified in advance of construction so the Authority can inspect the connection as it is made.



INSERTA TEE® MANIFOLD ADAPTORS FIT ANY MAINLINE OR STRUCTURE

AIR-TESTABLE, WATERTIGHT AND VERSATILE

INSERTA TEE is a three piece service connection consisting of a PVC Hub, Rubber Sleeve and Stainless Steel Band. INSERTA TEE is compression fit into the cored wall of a mainline and requires no special tooling. INSERTA TEES are designed to connect 2" (51 mm) through 30" (750 mm) services to all known solidwall, profile, closed profile and corrugated pipe manufactured today.

INSERTA TEE allows for tapping of existing lines without disturbing the bedding. It eliminates glues, epoxies, grout and awkward gaskets and the need to retighten bands around the mainline.

INSERTA TEE is designed to match the internal radius of any pipe and services can be connected where needed. It allows for easier grading of the mainline. It also greatly reduces costs by reducing labor hours and pipe materials. Hole saws are available for sale for all sizes of INSERTA TEES. The use of installation methods or hole saws not purchased from Inserta Fittings will void the performance warranty of the product.

Applications:

- Sanitary Sewers
- Pipe Bursting (HDPE/PVC)
- Fold-and-Formed Products
- Manholes
- Drainage
- Catch Basins
- Storm Sewers
- Sliplining
- Cured-In-Place Products
- Wet Wells
- Irrigation
- Electrical Vaults

INSERTA TEE fittings for all gravity flow pipe and manholes

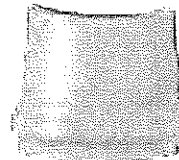
Ductile Iron	Spirolite	Ultra Rib™	Pro 21®
Fiberglass	Hi Q®/Sure-Lok®	PermaLok®	Polyethylene
PVC	Vylon®	Corrugated Metal	Truss®
Ultra Corr™	N-12®	Sollfo® Max	A2000®
GOLDFLO®	Kor-Flo™	Concrete	Clay
Weholite®	Asbestos Cement	N-12® HP	SaniTite® HP
DuroMaxx®			



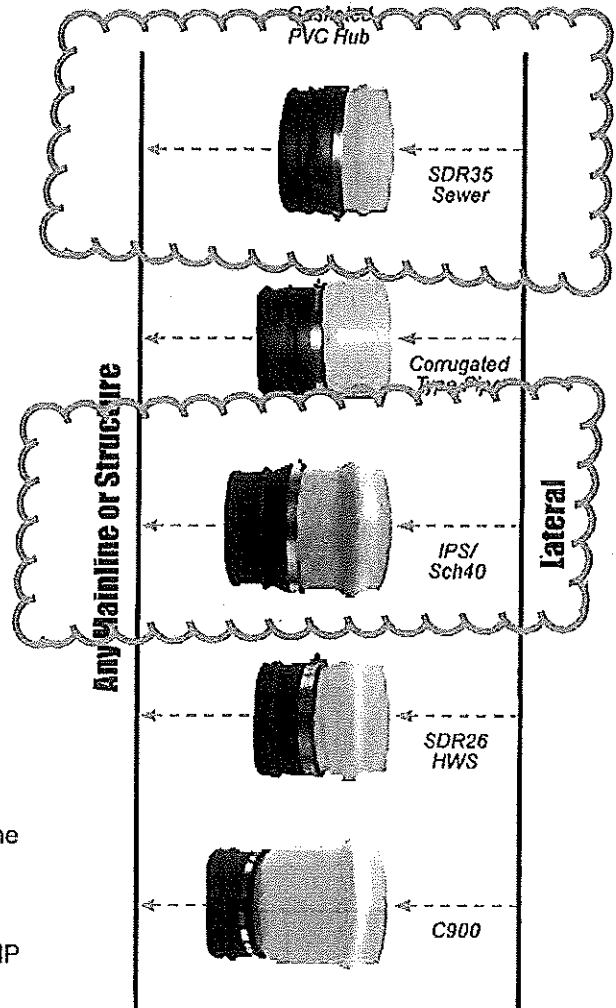
Rubber Sleeve



Stainless Steel Band



Corrugated PVC Hub

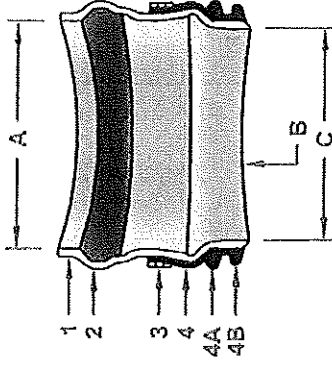


Inserta Fittings Co. p 503.357.2110 | f 503.359.5417 | sales@insertatee.com | insertatee.com

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SDR26/SDR35 SEWER FATBOY GASKETED BELL GRAVITY APPLICATIONS

- A. BELL END ACCEPTS PIPE WITH SDR26, SDR35 AND ASTM D3034 OR EQUIVALENT O.D. SPECIFICATION IN 4" AND 6" SIZES.
- B. CURVATURE VARIES WITH MAINLINE DIAMETERS.
- C. SPIGOT END SDR 26, PVC SDR 35, ASTM D3034 DIAMETERS: 4" AND 6"

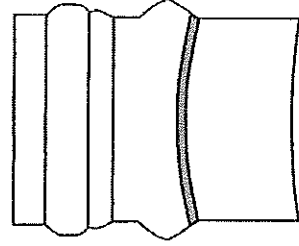


MATERIALS
 PVC SDR 26 ASTM D3034
 ASTM F477
 BAND SS #301
 SCREW SS #305
 HOUSING SS #301
 ASTM F477

PART	PART NAME	MATERIALS
1	HUB ADAPTOR	PVC SDR 26 ASTM D3034
2	RUBBER GASKET	ASTM F477
3	SECURING CLAMP*	BAND SS #301
4	RUBBER SLEEVE (AVAILABLE IN NITRILE AND EPDM BY SPECIAL ORDER)	SCREW SS #305
4A	UPPER SEGMENT**	HOUSING SS #301
4B	LOWER SEGMENT***	ASTM F477

* OPTIONAL: #316 STAINLESS STEEL BAND, SCREW AND HOUSING
 ** DISTANCE BETWEEN 4A AND 4B WILL VARY BY PRODUCT TYPE
 *** WILL NOT APPEAR ON RUBBER SLEEVES FOR CONCRETE OR CLAY PIPE

INSERTA TEE SIZE	HOLE DIAMETER
4" (100 mm)	4 1/2" (114 mm)
6" (150 mm)	6 1/2" (165 mm)



BUILT IN STOP
 FOLLOWS CONTOUR
 OF MAINLINE PIPE
 (PATENT PENDING)

CUSTOM MADE TO MATCH
 THE INTERIOR RADIUS OF THE
 MAINLINE PIPE OR STRUCTURE

NOTE: RECOMMENDED METHOD OF CUTTING HOLE IS WITH HOLE SAW FOR PVC AND OTHER PLASTICS, AND DIAMOND BIT FOR CONCRETES, CLAY, FRP AND D.I. (SEE INSTALLATION INSTRUCTIONS.
 HOLE SAWS ARE AVAILABLE FOR PURCHASE OR RENT.)



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 SALES@INSERTATEE.COM

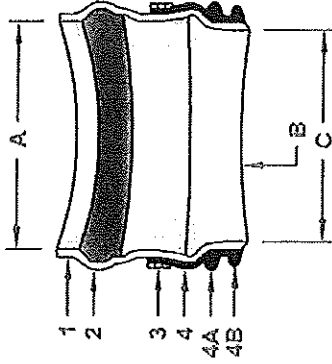
SDR26/SDR35 FATBOY GASKETED BELL GRAVITY APPLICATION SPECIFICATIONS

SCALE:	NTS
DATE:	7/30/2013
DRAWN BY:	JJC

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IPS/SCH40 FATBOY GASKETED BELL GRAVITY APPLICATIONS

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- B. CURVATURE VARIES WITH MAINLINE DIAMETERS.
- C. SPIGOT END SDR 26, PVC SDR 35, ASTM D3034 DIAMETERS: 4" AND 6"

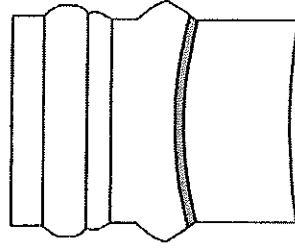


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3	SECURING CLAMP*
4	RUBBER SLEEVE (AVAILABLE IN NITRILE AND EPDM BY SPECIAL ORDER)
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IPS/SCH40 FATBOY GASKETED BELL GRAVITY APPLICATION SPECIFICATIONS

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