

VILLAGE OF MAMARONECK
STANDARD CONSTRUCTION DETAILS

PREPARED IN THE
OFFICE OF THE
VILLAGE ENGINEER

**SANITARY SEWER LATERAL
SADDLE CONNECTION
(TO EXISTING MAINS EXCLUDING CLAY)**

DESIGNED BY: ARC, PE CHECKED BY: ARC, PE
DRAWN BY: ARC, PE VOM Sanitary Sewer Lateral Con



VILLAGE OF MAMARONECK
VILLAGE MUNICIPAL BUILDING
169 MT. PLEASANT AVENUE (3RD FLOOR)
WESTCHESTER COUNTY
VILLAGE OF MAMARONECK, NY 10543
PHONE: (914) 777-7731
FAX: (914) 777-7792

PROJECT: DETAILS
SCALE: NOT TO SCALE
DATE: 08/08/2014

SD-4B



ROMAC INDUSTRIES, INC.

1-800-426-9341
www.romac.com



Style "CB"™ Sewer Saddle

Material Specifications

Castings: Ductile iron per ASTM 536, Grade 65-45-12. Protected with a yellow shopcoat.

Adjustable Strap: 3 1/2" wide, stainless steel per ASTM A 240, type 304.

Bolts: 1/2" UNC rolled thread, lubricant coated, stainless steel per ASTM A 193, type 304.

Nuts: Stainless steel per ASTM A 194, type 304.

Washers: Stainless steel per ASTM A 240, type 304 and plastic lubricating washers.

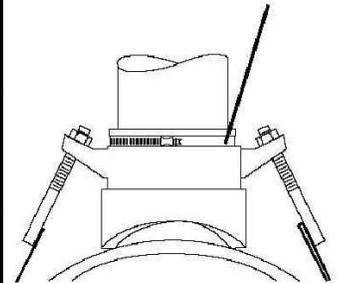
Gasket: SBR per ASTM D 2000 MBA 710, compounded for water and sewer service. Other compounds available on request.



CB-4.80UN
Patent #4494780

NOM. BRANCH SIZE	NOM. PIPE SIZE	RANGE	BRANCH TYPE	BRANCH O.D.	CATALOG NUMBER	LIST PRICE	ADD-ON EPOXY	APPROX. WEIGHT (lbs.)
4"	6"-12" 48" Strap	2 6.27-14.40 Regular Gasket	PVC Sewer	4.215	CB-4.215	\$131.05	\$39.86	10 #
			Ty Seal	4.28	CB-4.28			
			C.I. Soil-No Hub	4.38	CB-4.38			
			PVC	4.50	CB-4.50			
			Universal †	4.20-4.80	CB-4.80UN †			
	Clay †	5.00-5.38	CB-5.38 †					
	14"-24" 96" Strap	14.40-25.80 Large O.D. Gasket	PVC Sewer	4.215	CB-4.215LS	166.65		11 #
			Ty Seal	4.28	CB-4.28LS			
			C.I. Soil-No Hub	4.38	CB-4.38LS			
			PVC	4.50	CB-4.50LS			
			Universal †	4.20-4.80	CB-4.80UNLS †			
	Clay †	5.00-5.38	CB-5.38LS †					
	24"-48" 192" Strap	25.80-54.00 Large O.D. Gasket	PVC Sewer	4.215	CB-4.215XLS	309.30		13 #
			Ty Seal	4.28	CB-4.28XLS			
			C.I. Soil-No Hub	4.38	CB-4.38XLS			
PVC			4.50	CB-4.50XLS				
Universal †			4.20-4.80	CB-4.80UNXLS †				
Clay †	5.00-5.38	CB-5.38XLS †						
6"	8"-12" 48" Strap	2 8.00-14.40 Regular Gasket	PVC Sewer	6.27-6.30	CB-6.30	174.70	60.29	12 #
			C.I. Soil-No Hub	6.27-6.30	CB-6.30LS			
			Universal †	6.27-6.66	CB-6.66UN †			
			Cast Iron-D.I.	6.90	CB-6.90			
			Clay †	7.19-8.00	CB-8.00 †			
	14"-24" 96" Strap	14.40-25.80 Large O.D. Gasket	PVC Sewer	6.27-6.30	CB-6.30LS	208.61		13 #
			C.I. Soil-No Hub	6.27-6.30	CB-6.30LS			
			Universal †	6.27-6.66	CB-6.66UNLS †			
			Cast Iron-D.I.	6.90	CB-6.90LS			
			Clay †	7.19-8.00	CB-8.00LS †			
	24"-48" 192" Strap	25.80-54.00 Large O.D. Gasket	PVC Sewer	6.27-6.30	CB-6.30XLS	351.27		15 #
			C.I. Soil-No Hub	6.27-6.30	CB-6.30XLS			
			Universal †	6.27-6.66	CB-6.66UNXLS †			
			Cast Iron-D.I.	6.90	CB-6.90XLS			
			Clay †	7.19-8.00	CB-8.00XLS †			

Stainless Steel
Hose Clamp



¹ CB Sewer Saddles for Universal and Clay pipe include stainless steel hose clamp.

² Regular gaskets are NOT interchangeable with large gaskets.

PARTS LIST

BRANCH SIZE	SIZE	GASKET	SADDLE CASTING	SLIDING BOLT	HOSE CLAMP ¹	STRAP
4"	6-12"	\$42.72	\$45.95	\$15.62	\$12.70	REG (48") \$42.38
	14-24"	58.27				LS (96") 62.42
	24-48"	58.27				
6"	8-12"	75.23	57.09	15.62	13.52	XLS (192") 205.08
	14-24"	89.10				
	24-48"	89.10				

To Order: Specify catalog number.

Example: To fit 4" branch to 6" -12" nominal pipe with branch 4.20 - 4.80, order **CB-4.80UN**

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NOTES:

1. ALL SERVICE LINES SHALL HAVE A MINIMUM OF THREE AND ONE HALF (3 ½) FEET OF COVER.
2. SERVICE LINE LOCATION, GRADE AND ALIGNMENT SHALL BE AS SHOWN ON DRAWINGS OR AS DIRECTED BY THE ENGINEER.
3. WHERE SERVICE LINES ARE TO BE DEAD-ENDED, CONTRACTOR SHALL INSTALL APPROVED WATERTIGHT AND PRESSURE-TIGHT PLUGS.
4. IF MINIMUM COVER CANNOT BE ATTAINED WHILE MAINTAINING MINIMUM SLOPE, THE ANGLE OF CONNECTION MAY BE REDUCED TO 22.5°, IF APPROVED BY THE ENGINEER AND GOVERNING BODY WITH JURISDICTION.
5. SANITARY SEWER SERVICE LINE INCLUDING FITTINGS SHALL BE POLYVINYL CHLORIDE PIPE (PVC) SDR-26 CLASS 160 PRESSURE PIPE WITH PUSH-ON JOINTS IN ACCORDANCE WITH ASTM D-3034 AND D-3212.
6. THE CONNECTION SHALL BE MADE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER AND IN THE PRESENCE OF THE VILLAGE ENGINEER.
7. THE SADDLE SHALL PROPERLY MATCH THE EXISTING SANITARY SEWER MAIN.
8. ROUGH EDGES LEFT BY SAWCUT OR CORING SHALL BE SMOOTHED WITH A FILE OR SAND PAPER DEPENDING UPON THE MATERIAL OF THE SANITARY SEWER MAIN.
9. OVERCUTTING THE HOLE OR DAMAGING THE SANITARY SEWER MAIN WILL WARRANT REPLACEMENT OF THE DAMAGED MAIN LINE SEGMENT AND INSTALLATION OF A FACTORY MANUFACTURED WYE CONNECTION OR NYSDOT PRECAST CONCRETE DOGHOUSE MANHOLE.
10. THE HOLES MUST BE OFFSET A MINIMUM OF 2 FEET FROM THE JOINTS.
11. THE VILLAGE ENGINEER MUST INSPECT THE TAP AND PIPE TRENCH PRIOR TO AND DURING BACKFILL. THE OWNER, OWNER'S REPRESENTATIVE AND/OR CONTRACTOR SHALL CONTACT THE VILLAGE ENGINEER AT (914) 777-7731 OR EMAIL ENGINEER@VOMNY.ORG (24) HOURS PRIOR TO START OF THIS WORK.

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