

**Trilok Infratech**  
*Smart Concrete*

**TRILOK GROUP OF COMPANY**



Mfg. of U Shape Drain, Big Drain (FT Flume), Cable Trench, Box Culvert, Manhole,  
Precast Compound Wall and Customized Smart Precast Products.



## About Trilok Infratech

We Trilok Precast group are leading manufacturer of RCC Precast Prestress Compound Wall And other Precast Products at large scale since 2005 in Surat and 18 state with 47 Cities in India and 2 Plants are Out of India, Senegal and Ecuador Since 4 years

We produce precast products such as U Shape Drain, Box Culvert, Cable Trench, Manhole, Gutter, Precast Compound Wall, and Customize Smart Precast Products etc. With New Technology for your customized size using High Performance Concrete grade M - 50 with greatest care to get the maintenance free end product for a long life.

## Our Vision

Trilok Precast Group will have 60 plants worldwide with Concept of 21<sup>st</sup> Century and ISO 9001 : 2015 Co. By 2025, Trilok Precast Pvt Ltd. will be at No. 1 position in Precast Industry all over India.

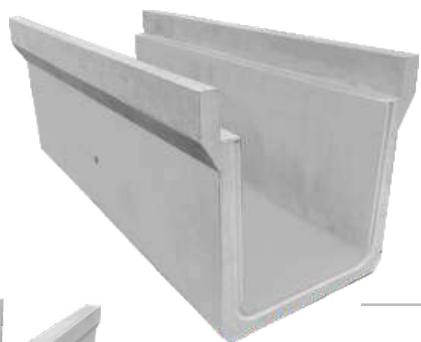
## Our Mission

Trilok Infratech is committed to providing high quality smart concrete products and services in an environmental friendly manner, achieving the zenith level in the precast product industry, meeting the needs of customers and employees whilst adding value to the community.

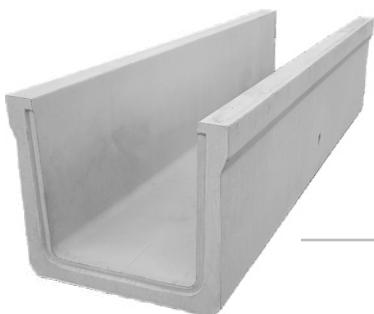




## ▼ Index



U Shape Drain (Heavy)



U Shape Drain (Light)



Big Drain (FT Flume)



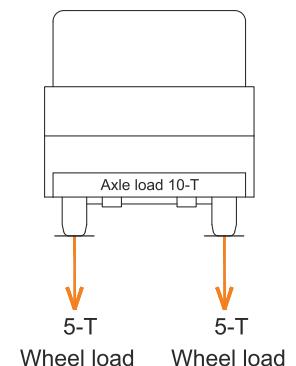
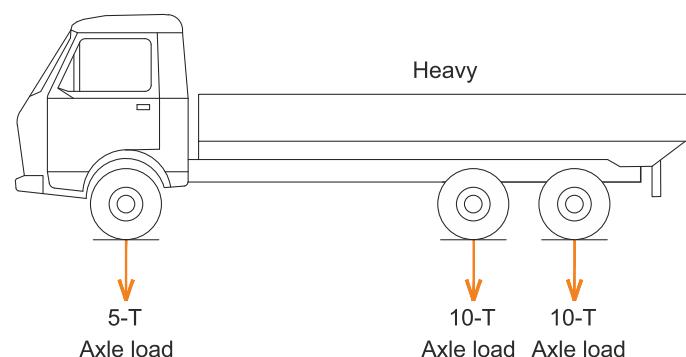
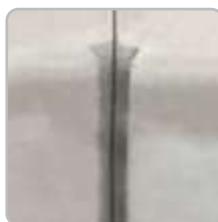
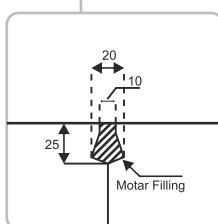
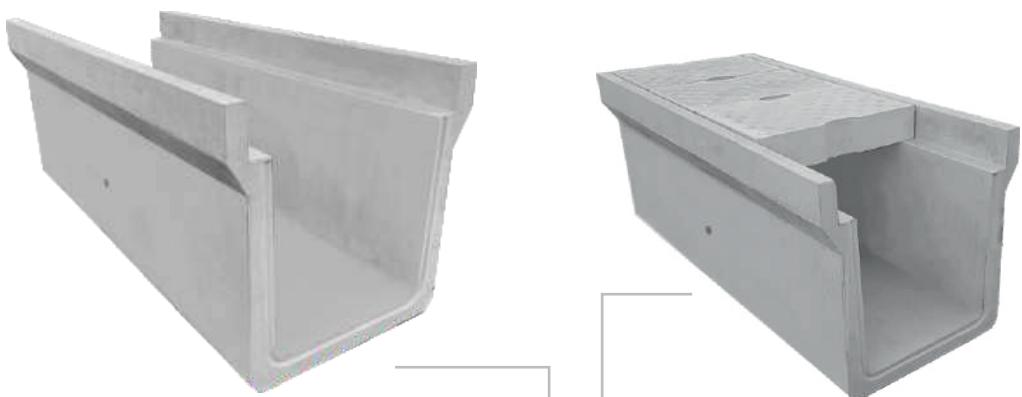
Box Culvert

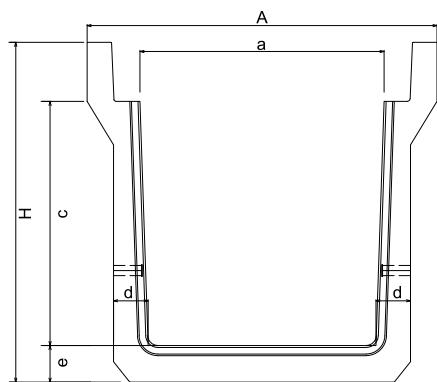




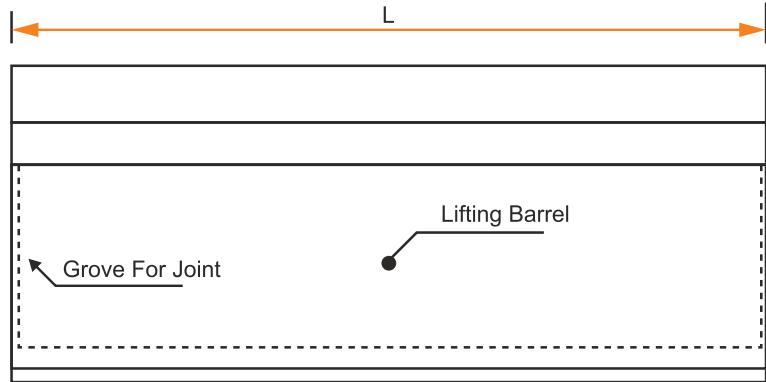
# U Shape Drain (Heavy)

Smart Concrete



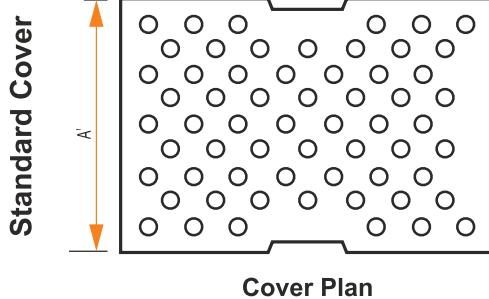


**SECTION**



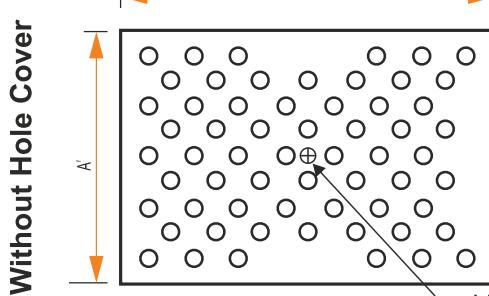
**Side View**

Size(mm)	Dimensions of U Shape Drain (mm)						
	a x c	L	A	H	a	c	d
300 x 300	2000	540	480	300	300	65	70
450 x 450	2000	700	660	450	450	75	80
600 x 600	2000	860	835	600	600	85	90
750 x 750	2000	1050	1000	750	750	95	100
900 x 900	2000	1200	1170	900	900	115	120



**Cover Plan**

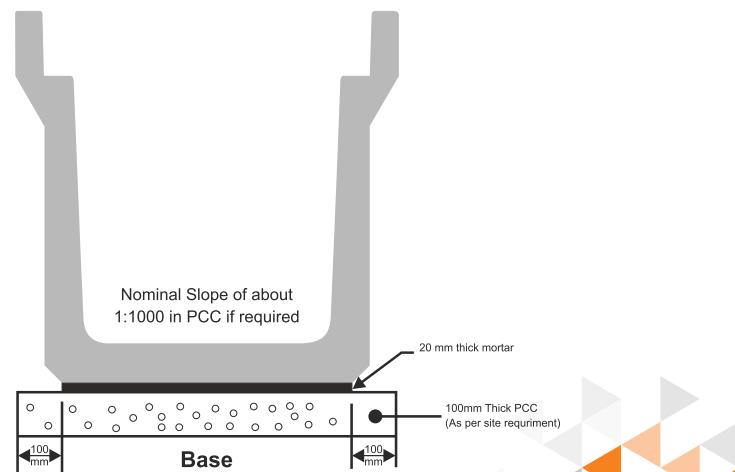
Drain Size (mm)	Dimensions of Cover (mm)		
	A' x B'	A'	B'
300 x 300	500	410	110
450 x 450	500	565	130
600 x 600	500	710	140
750 x 750	500	890	145
900 x 900	500	1050	150



**Cover Plan**      **Lifting Barrel**

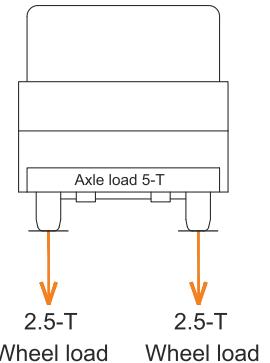
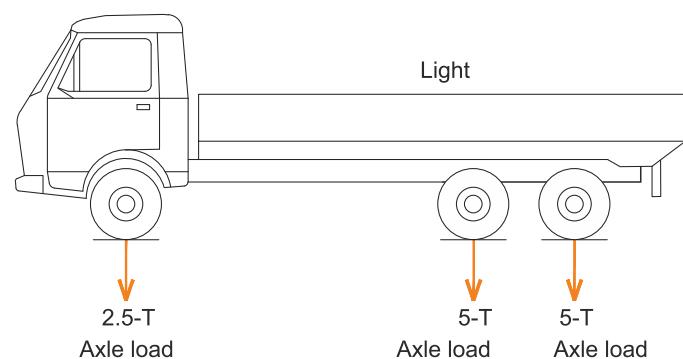
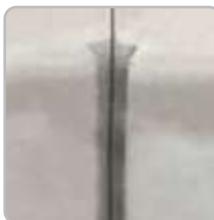
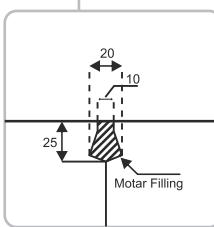
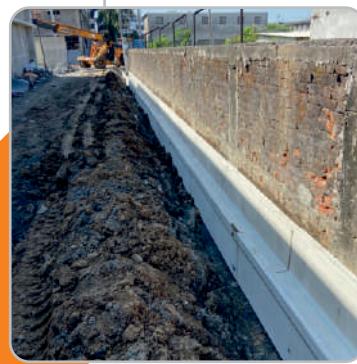
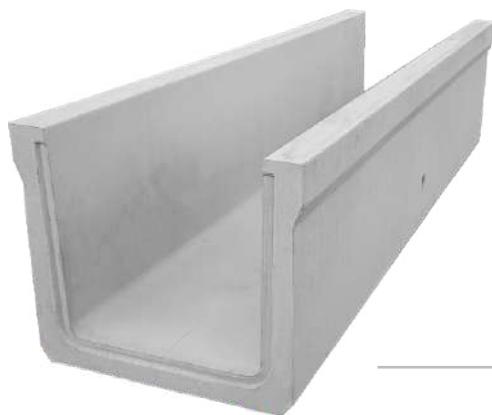


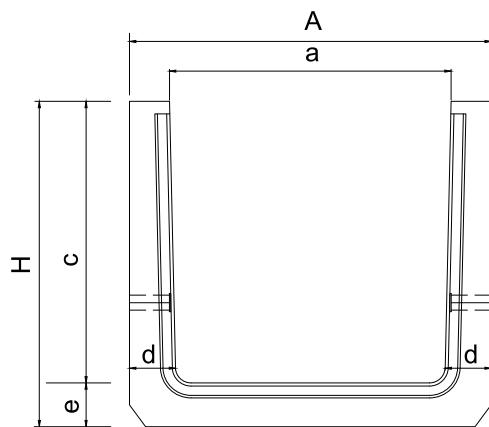
**Cover Side View**  
**Cover Hole**



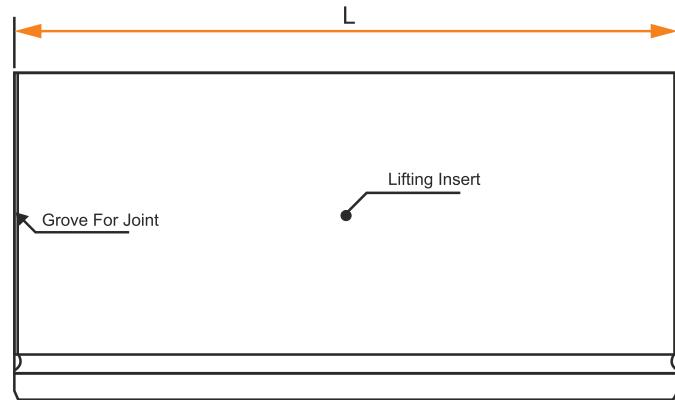


# U Shape Drain (Light)





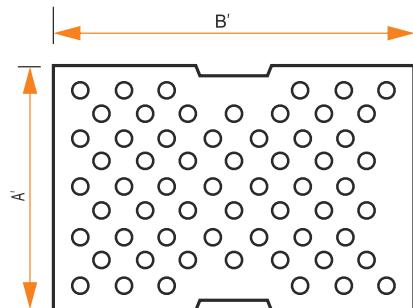
**Section**



**Side View**

Size(mm)	Dimensions of U Shape Drain (mm) T-6							
	a x c	L	A	H	a	c	d	e
300 x 300	2000	440	370	300	300	70	70	
450 x 450	2000	610	520	450	450	75	70	
600 x 600	2000	730	685	600	600	85	85	
750 x 750	2000	890	845	750	750	95	95	
900 x 900	2000	1070	1015	900	900	115	115	

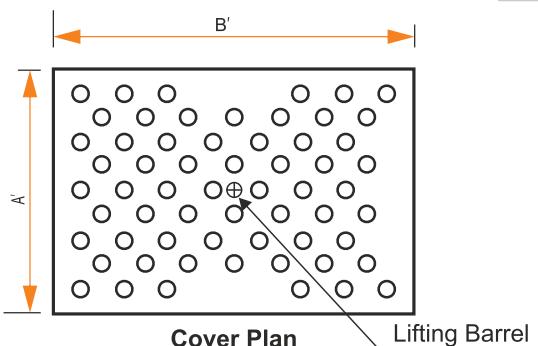
**Standard Cover**



**Cover Plan**

Drain Size (mm)	Dimensions of Cover (mm)			
	A' x B'	A'	B'	H
300 x 300	500	440	60	
450 x 450	500	610	80	
600 x 600	500	720	80	
750 x 750	500	890	90	
900 x 900	500	1060	100	

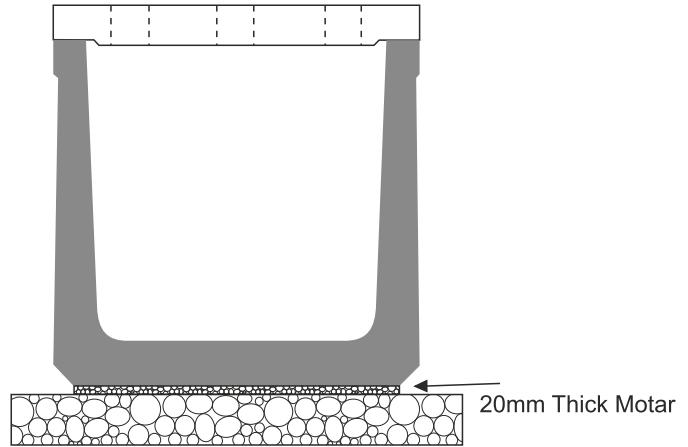
**Without Hole Cover**



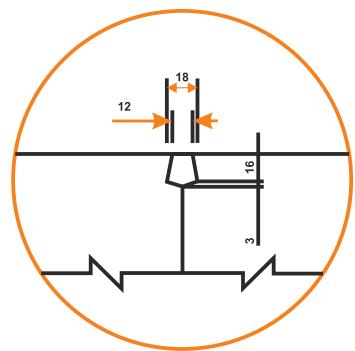
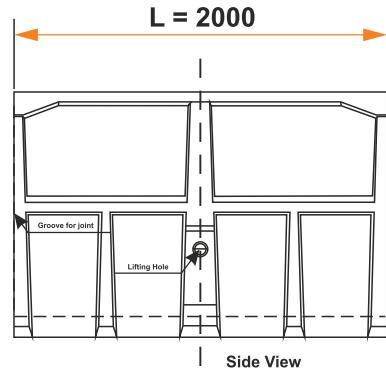
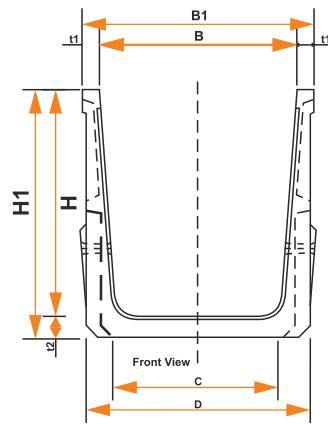
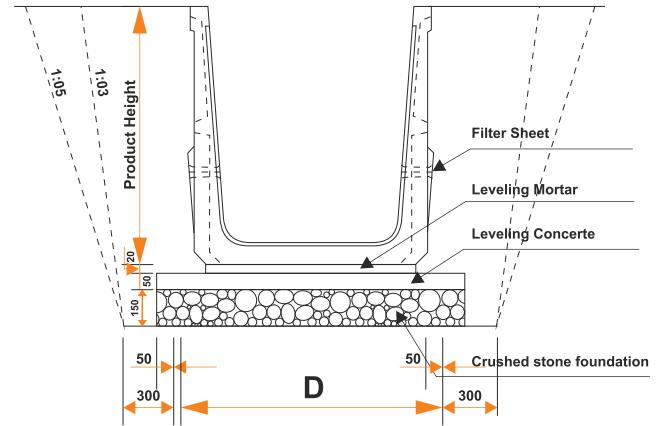
**Lifting Barrel**



**Cover Side View**



# Big Drain (FT Flume)



Typical Groove for Joint



## H : 900 (H1 : 995)

(All dimensions are in mm)

Width : B	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
B1	780	880	980	1080	1180	1280	1380	1480	1580	1680	1780	1880	1980
C	465	565	665	765	865	965	1065	1165	1265	1365	1465	1565	1665
D	740	840	940	1040	1140	1240	1340	1440	1540	1640	1740	1840	1940

## H : 1000 (H1 : 1150)

Width : B	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
B1	780	880	980	1080	1108	1280	1380	1480	1580	1680	1780	1880	1980
C	450	550	650	750	850	950	1050	1150	1250	1350	1450	1550	1650
D	740	840	940	1040	1140	1240	1340	1440	1540	1640	1740	1840	2140

## H : 1200 (H1 : 1310)

Width : B	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	980	1080	1180	1280	1308	1480	1580	1680	1780	1880	1980	2080	2180
C	620	720	820	920	1020	1120	1220	1320	1420	1520	1620	1720	1820
D	940	1040	1140	1240	1340	1440	1540	1640	1740	1840	1940	2040	2140

## H : 1300 (H1 : 1420)

Width : B	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	1000	1100	1200	1300	1400	1500	1600	1700	1800	1800	2000	2100	2200
C	605	705	805	905	1005	1105	1205	1305	1405	1505	1605	1705	1805
D	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160

## H : 1400 (H1 : 1530)

Width : B	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200
C	590	690	790	890	950	1090	1190	1290	1390	1490	1590	1690	1790
D	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160

## H : 1500 (H1 : 1640)

Width : B	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200
C	575	675	775	875	975	1075	1175	1275	1375	1475	1575	1675	1775
D	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160

## H : 1600 (H1 : 1740)

Width : B	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200
C	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160
D	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160

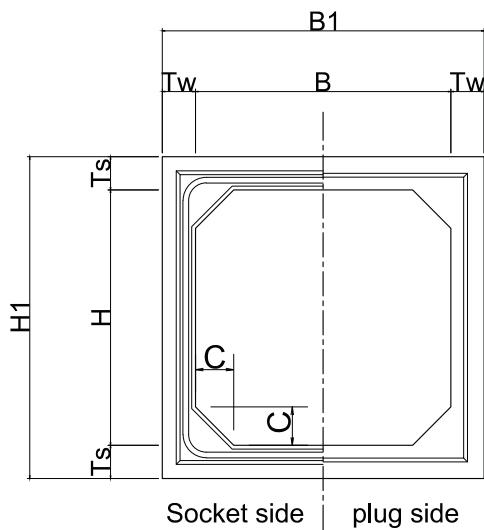
## H : 1800 (H1 : 1940)

Width : B	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	1070	1170	1270	1370	1470	1570	1670	1770	1870	1970	2070	2170	2270
C	530	630	730	830	930	1030	1130	1230	1330	1430	1530	1630	1730
D	990	1090	1190	1290	1390	1490	1590	1690	1790	1890	1990	2090	2190

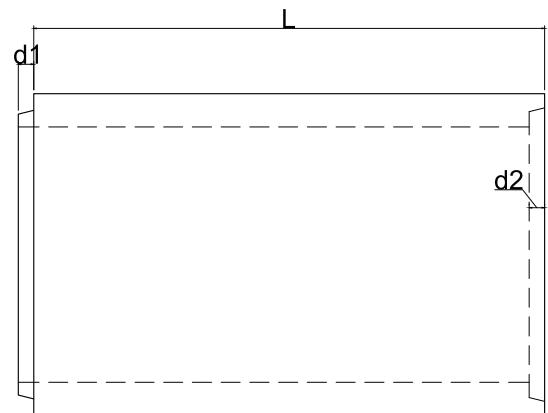


# Box Culvert

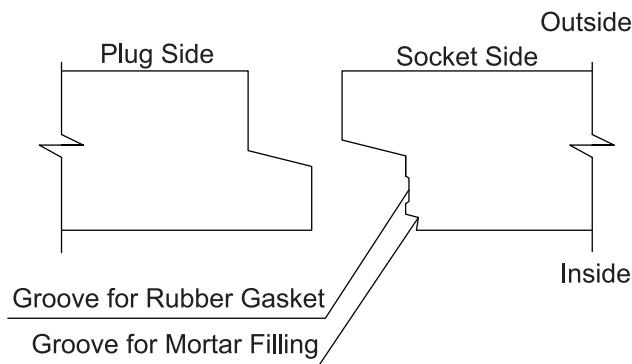




Front View



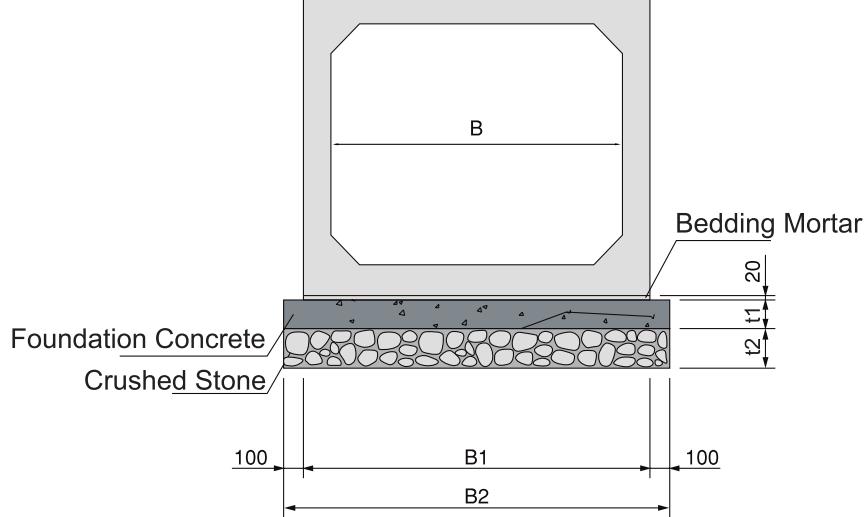
Side View



- Plug & Socket Joint
- Sealing Material - Rubber Gasket
- Flange Bolt Connection
- Pulling by Lever Hoist or
- Post Tensioning Provision

Typical Joint Details

B	Size(mm)	
	t1	t2
600 ~ 1000	100	150
1100 ~ 2000	150	200
2200 ~ 3000	200	250



Typical Foundation Details

B X H	B	B1	H	H1	L	T <sub>s</sub>	T <sub>w</sub>	C	d1	d2
500 x 500	500	680	500	740	2000	120	90	50	-	-
750 x 500	750	930	500	740	2000	120	90	50	-	-
1000 x 500	1000	1180	500	740	2000	120	90	50	-	-
600 X 1000	600	860	1000	1260	2000	130	130	150	60	60
900 X 1000	900	1160	1000	1260	2000	130	130	150	60	60
1000 X 1000	1000	1260	1000	1260	2000	130	130	150	60	60
1200 X 1000	1200	1460	1000	1260	2000	130	130	150	60	60
750 X 1400	750	1010	1400	1660	2000	130	130	150	60	60
800 X 1400	800	1060	1400	1660	2000	130	130	150	60	60
900 X 1400	900	1160	1400	1660	2000	130	130	150	60	60
1000 X 1400	1000	1260	1400	1660	2000	130	130	150	60	60
1100 X 1400	1100	1360	1400	1660	2000	130	130	150	60	60
1200 X 1400	1200	1460	1400	1660	2000	130	130	150	60	60
1300 X 1400	1300	1560	1400	1700	2000	150	130	150	60	60
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1800 X 800	1800	2100	800	1140	2000	170	150	150	80	80
1800 X 1000	1800	2100	1000	1340	2000	170	150	150	80	80
1800 X 1200	1800	2100	1200	1540	2000	170	150	150	80	80
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1800 X 1800	1800	2100	1800	2140	2000	170	150	150	80	80
2000 X 1000	2000	2320	1000	1360	2000	180	160	200	80	80
2000 X 1200	2000	2320	1200	1560	2000	180	160	200	80	80
2000 X 1500	2000	2320	1500	1860	2000	180	160	200	80	80
2000 X 1800	2000	2320	1800	2160	2000	180	160	200	80	80
2000 X 2000	2000	2320	2000	2860	2000	180	160	200	80	80
2300 X 1500	2300	2660	1500	1900	1500	200	180	200	80	80
2300 X 1800	2300	2660	1800	2200	1500	200	180	200	80	80
2300 X 2000	2300	2660	2000	2400	1500	200	180	200	80	80
2300 X 2300	2300	2660	2300	2700	1500	200	180	200	80	80
2500 X 1500	2500	2900	1500	1940	1500	220	200	200	80	80
2500 X 1800	2500	2900	1800	2240	1500	220	200	200	80	80
2500 X 2000	2500	2900	2000	2440	1500	220	200	200	80	80
2500 X 2500	2500	2900	2500	2940	1500	220	200	200	80	80
2800 X 1500	2800	3240	1500	1980	1000	240	220	200	80	80
2800 X 2000	2800	3240	2000	2480	1000	240	220	200	80	80
2800 X 2500	2800	3240	2500	2980	1000	240	220	200	80	80
2800 X 2800	2800	3240	2800	3280	1000	240	220	200	80	80
3000 X 1200	3000	3480	1200	1720	1000	260	240	300	80	80
3000 X 1500	3000	3480	1500	2020	1000	260	240	300	80	80
3000 X 2000	3000	3480	2000	2520	1000	260	240	300	80	80
3000 X 2500	3000	3480	2500	3020	1000	260	240	300	80	80
3000 X 3000	3000	3480	3000	3520	1000	260	240	300	80	80
3500 X 1500	3500	4000	1500	2120	1000	310	250	300	80	80
3500 X 2000	3500	4000	2000	2620	1000	310	250	300	80	80
3500 X 2500	3500	4000	2500	3120	1000	310	250	300	80	80
3500 X 3000	3500	4000	3000	3620	1000	310	250	300	80	80

(All dimensions are in mm)





# Advantages Of U Shape Drain

Made in India  
by continue  
onward  
technology

Best quality  
items created  
with HPC  
M - 40

Production by  
talented indian  
technical group

Most noteworthy  
of unrefined  
substance utilized  
refined water  
for scc

Proper  
uncovered  
substantial  
product

Designed as  
per  
the indian  
standards

Simple to  
uninstallation we  
can reuse if in  
tentative  
arrangement are  
change

Items are without  
break substantial  
give predominant  
sturdiness

Predominant  
quality items  
making by forge  
ahead innovation

Get the upkeep  
free finished  
result for  
long life



## TRILOK INFRATECH

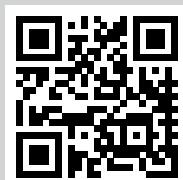
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