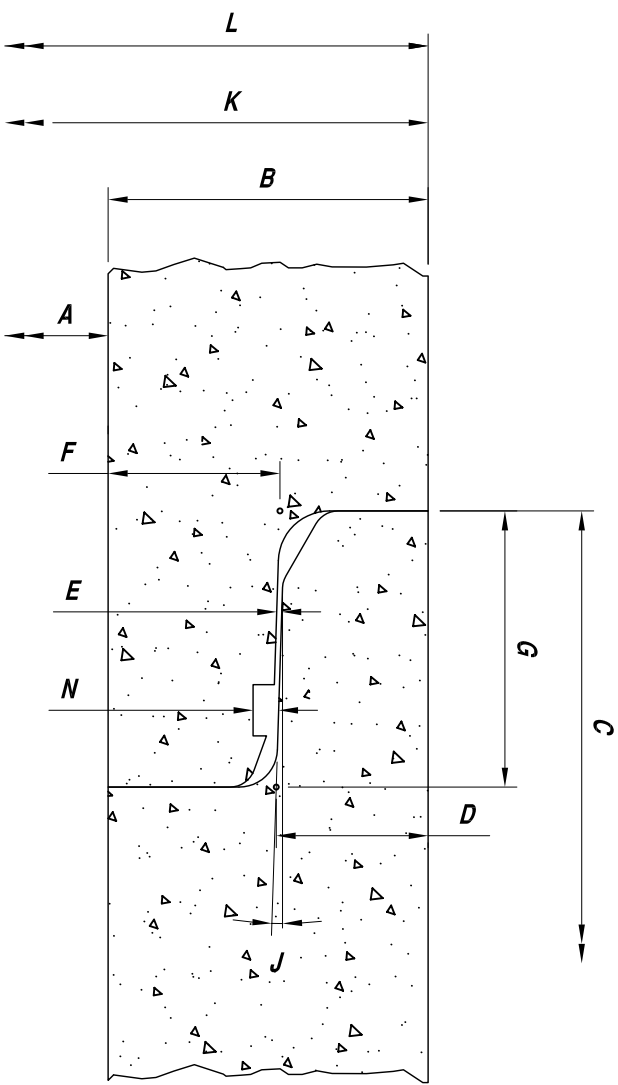
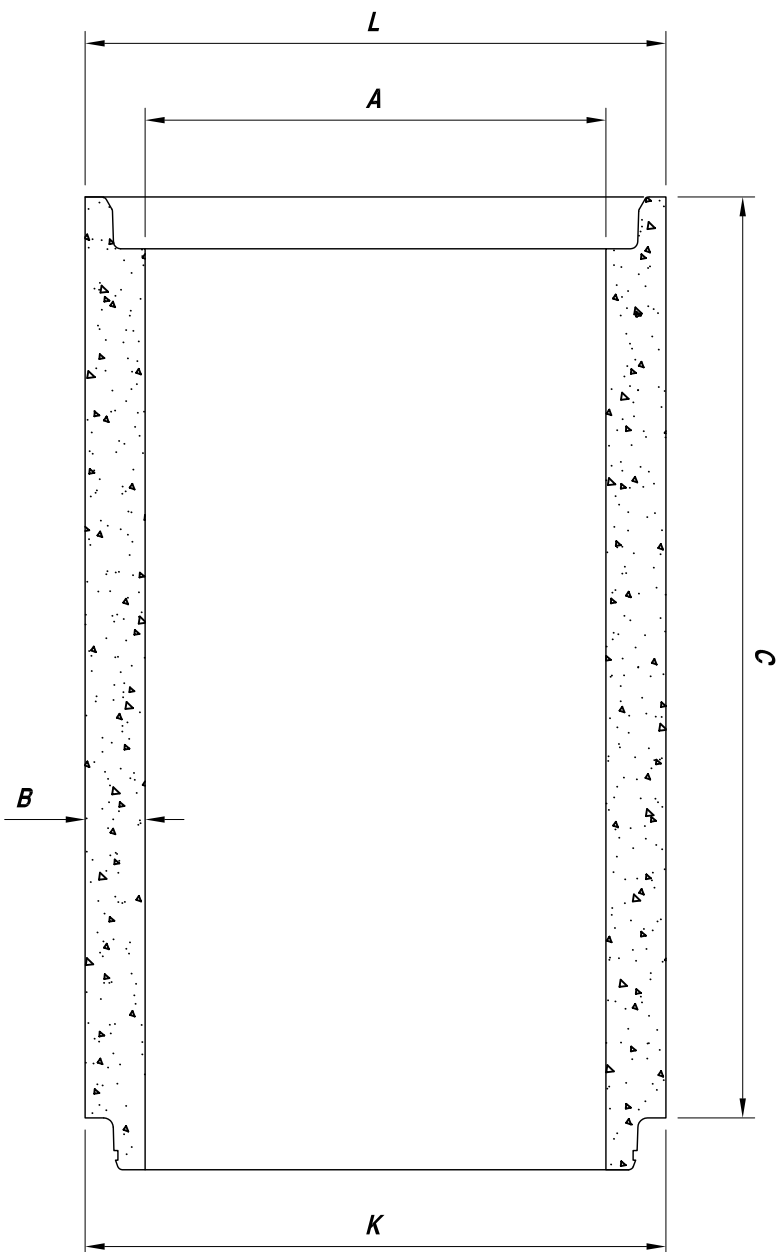


**REINFORCED CONCRETE GROOVED  
JOINT PIPE WITH STRAIGHT WALL**



**GROOVED JOINT DETAIL**



**PIPE - SECTION VIEW**

**BASIC DIMENSIONS & WEIGHTS - U.S. CUSTOMARY**

		54"	60"	66"	72"	78"	84"	90"	96"	120"	126"	132"	
A	Nominal Pipe Diameter	In.	54"	60"	66"	72"	78"	84"	90"	96"	120"	126"	132"
B	Wall Thickness	In.									10.00	10.50	11.00
	Wall Thickness	In.	6.25	6.75	7.25	7.75	8.25	8.75	9.25	9.75			
C	Average Laying Length	Ft.	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
D	Bell Thickness (At Shoulder)	In.	2.968	3.093	4.406	4.781	5.015	5.265	5.515	5.765	5.383	5.633	5.883
E	Concrete Annular Space	In.	0.100	0.100	0.094	0.100	0.094	0.094	0.094	0.094	0.110	0.110	0.110
F	Spigot Thickness (At Shoulder)	In.	3.355	3.73	2.925	3.042	3.316	3.566	3.816	4.066	4.699	4.949	5.199
G	Joint Depth	In.	5.394	5.394	5.00	5.394	5.00	5.00	5.00	5.00	6.00	6.00	6.00
H	Bell Length (To Taper)	In.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	Joint Taper	Deg.	1°50'	1°50'	2°	1°50'	2°	2°	2°	2°	1°50'	1°50'	1°50'
K	Wall Outside Diameter	In.											
	Wall Outside Diameter	In.	66.5	73.5	80.5	87.5	94.5	101.5	108.5	115.5	140.0	147.0	154.0
L	Bell Outside Diameter	In.	66.5	73.5	80.5	87.5	94.5	101.5	108.5	115.5	140.0	147.0	154.0
M	Bell Slope	Deg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N	Gasket Annular Space	In.	0.500	0.500	0.492	0.500	0.492	0.492	0.492	0.492	0.494	0.494	0.494
	Approx. Weight/Foot	Lb.											
	Approx. Weight/Foot	Lb.											
	Approx. Weight/Foot	Lb.	1306	1550	1826	2126	2447	2791	3158	3547	4472	4931	5412

- Notes:
1. Reinforced Concrete Pipe Is In Accordance With The ASTM C 76 Specification.
  2. Gaskets Are In Accordance With The ASTM C 443 Specification.

APPROVED BY: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

**The Premarc Corp.**

7505 Highway M-71  
 Durand, Michigan 48429  
 (989)-288-2661

Revisions:	
No.	Date
1	
2	
3	
4	

Sheet Title:  
 GROOVED JOINT PIPE DETAILS

Producer:  
 THE PREMARC CORPORATION

MICHIGAN

**REINFORCED CONCRETE  
 GROOVED JOINT PIPE  
 WITH STRAIGHT WALL**

Drawing No.	
Drawn By:	JKC
Scale:	None
Chk'd By:	BAP
Sheet No.	P4
Date:	11/29/05