



MNDOT STANDARD C.M.P. 2 2/3" x 1/2" CORRUGATION

ROUND PIPE			ARCH PIPE				COUPLING BAND WIDTH MIN. (IN.)
DIA. (IN.)	AREA (SQ.FT.)	GAGE (MIN.)	SPAN (IN.)	RISE (IN.)	AREA (SQ.FT.)	GAGE (MIN.)	
10	0.6	16					
12	0.8	16					
15	1.2	16	17	13	1.1	16	7
18	1.8	16	21	15	1.5	16	7
21	2.4	16	24	18	2.2	16	7
24	3.1	16	28	20	2.8	14	12
30	4.9	14	35	24	4.4	14	12
36	7.1	14	42	29	6.4	12	12
42	9.6	12	49	33	8.7	12	12
48	12.6	12	57	38	11.4	12	12
54	15.9	12	64	43	14.3	12	12
60	19.6	10	71	47	17.6	10	12
66	23.8	10	77	52	21.3	8	
72	28.3	10	83	57	25.3	8	
78	33.2	8					
84	38.5	8					

REFERENCE PLATE ONLY

ROUND PIPE SHALL HAVE THE VERTICAL AXIS ELONGATED 5% MORE THAN THE NORMAL DIAMETER WHEN CALLED FOR IN THE PLANS.

THE AVERAGE INSIDE DIAMETER OF CIRCULAR PIPE AND PIPE TO BE REFORMED INTO PIPE ARCHES SHALL NOT VARY MORE THAN ONE PERCENT OR ONE-HALF INCH, WHICHEVER IS GREATER, FROM THE NOMINAL DIAMETER WHEN MEASURED ON THE INSIDE CREST OF THE CORRUGATION.

FOR PIPE ARCH A TOLERANCE OF PLUS OR MINUS ONE INCH OR TWO PERCENT OF THE EQUIVALENT CIRCULAR DIAMETER, WHICHEVER IS GREATER, WILL BE PERMISSABLE IN SPAN AND RISE. ALL DIMENSIONS ARE MEASURED FROM THE INSIDE CRESTS OF THE CORRUGATIONS.

MNDOT SPEC. REF. 2503
MNDOT 3040F
NOT TO SCALE

	MINNEAPOLIS DEPARTMENT OF PUBLIC WORKS		CORRUGATED METAL PIPE	STANDARD PLATE NO. SEWR-5010
	DRAWN: DCD	DATE: 3/03		
	APPROVED: HRS	DATE: 1/07		