

STANDARD MNDOT PRECAST CONCRETE BOX CULVERTS							
SPAN x RISE (FEET)	CLASS	f'c (PSI)	FILL HEIGHT RANGE (FEET)	Tt (IN)	Tb (IN)	Ts (IN)	WEIGHT (LBS./FT.)
14 x 8	2	5000	2 - 6	10	10	8	5640
14 x 8	3	5000	6 - 11	10	11	9	6080
14 x 8	4	6000	11 - 17	12	12	10	6910
14 x 9	1	5000	< 2	10	10	8	5840
14 x 9	2	5000	2 - 6	10	10	8	5840
14 x 9	3	5000	6 - 11	10	11	9	6300
14 x 9	4	6000	11 - 17	12	12	10	7160
14 x 10	1	5000	< 2	10	10	8	6040
14 x 10	2	5000	2 - 6	10	10	8	6040
14 x 10	3	5000	6 - 11	10	11	9	6530
14 x 10	4	6000	11 - 17	12	12	10	7410
14 x 11	1	5000	< 2	10	10	8	6240
14 x 11	2	5000	2 - 6	10	10	8	6240
14 x 11	3	5000	6 - 11	10	11	9	6750
14 x 11	4	6000	11 - 17	12	12	10	7660
14 x 12	1	5000	< 2	10	10	8	6440
14 x 12	2	5000	2 - 6	10	10	8	6440
14 x 12	3	5000	6 - 11	10	11	9	6980
14 x 12	4	6000	11 - 17	12	12	10	7910
14 x 13	1	5000	< 2	10	10	8	6640
14 x 13	2	5000	2 - 6	10	10	8	6640
14 x 13	3	5000	6 - 11	10	11	9	7200
14 x 13	4	6000	11 - 17	12	12	10	8160
14 x 14	1	5000	< 2	10	10	8	6840
14 x 14	2	5000	2 - 6	10	10	8	6840
14 x 14	3	5000	6 - 11	10	11	9	7430
14 x 14	4	6000	11 - 17	12	12	10	8410

MNDOT SPEC. REF. 3238; 5 OF 5; NOT TO SCALE



DRW: DCD

DATE: 3/03

APP: HRS

DATE: 12/06

PRECAST CONCRETE BOX CULVERTS

STANDARD  
PLATE  
NO.  
SEWR-4012