



PIPE DIAMETER (IN INCHES)										
DIMENSIONS	30	36	42	48	54	60	66	72	84	96
(A)	9"	10 1/2"	1'-2"	1'-4"	1'-7"	2'-0"	2'-5"	2'-7"	2'-9"	3'-10 1/2"
(B)	1'-6"	1'-9"	2'-2"	2'-6"	2'-10"	3'-11 1/2"	3'-5"	3'-8"	4'-4"	4'-9"
(C)	2'-2"	2'-3"	2'-8"	3'-0"	3'-2"	3'-4"	3'-6"	3'-6"	4'-0"	3'-7"
(D)	2'-4"	2'-6"	3'-0"	3'-0"	3'-3"	3'-0"	3'-1"	3'-2"	3'-10"	3'-3"

* SUBSTRACT 2" FOR TYPE (II) MAHOLES

XXXXX		
ITEM	CROSS REF.	SPEC. REF.

	ISSUE DATE	APPROVED BY	STANDARD DETAIL MANHOLE FOR BUTTERFLY VALVES (30" AND LARGER)	WS 3.14 SHEET 3 OF 3
	11/01/2006	V. E. F.		