PIPE DIAMETER		END PLATE THICKNESS	STIFFENER TYPE & SIZE	STIFFENER SPACING			SIZE W
D1	D2	t		S1	S	N	
TYPE A							
30″	–	1/4″	FLAT 2 1/2″ x 1/4″	6″	6″	3	3/16″
36″	–	1/4″	FLAT 3″ x 1/4″	6″	6″	4	3/16″
48″	–	1/4″	FLAT 4 1/4″ x 1/4″	8″	8″	4	3/16″
60″	–	3/8″	L 2 1/2″ x2x 3/8″	10″	10″	4	1/4″
72″	–	3/8″	L 3″ x3″ x 3/8″	6″	10″	6	1/4″
TYPE B							
30″	6″	1/4″	FLAT 2 1/2″ X 1/4″	5 1/2″	5 1/2″	3	3/16″
	8″			5″	5″	3	
	12″			4″	6″	2	
36″	6″	1/4″	FLAT 3″ X 1/4″	6″	5 1/2″	4	3/16″
	8″			6″	5″	4	
	12″			5 1/2″	5 1/2″	3	
48″	6″	1/4″	FLAT 4 1/4″ X 1/4″	8″	8″	4	3/16″
	8″			6″	8″	4	
	12″			4″	7 1/2″	4	
60″	6″	3/8″	L 2 1/2″ X2″ x 3/8″	7″	9″	5	1/4″
	8″			10″	10″	4	
	12″			6″	10″	4	
72″	6″	3/8″	L 3″ X3″ x 3/8″	8″	8″	7	1/4″
	8″			8″	9″	6	
	12″			8″	10″	5	
TYPE C							
48″	30″	1/4″	FLAT 4 1/4″ X 1/4″	2″	8″	1	3/16″
60″	36″	3/8″	L 2 1/2″ X2″ X 3/8″	2″	7″	2	1/2″
72″	36″	3/8″	L 2″ X3″ X 3/8″	3″	8 1/2″	3	1/4″

NOTES:

1. DESIGNS VALID FOR PIPE INSTALLED WITH 6'–0″ OR LESS OF COVER FROM CROWN OF PIPE TO GRADE. MAXIMUM WATER SURCHARGE 3'–0″ ABOVE CROWN OF PIPE
2. END PLATE MATERIAL: ALUMINUM 6061–T6
3. DESIGNS SHALL BE USED ONLY FOR ALUMINUM CMP

City of Seattle
Department of Parks & Recreation

DETENTION STRUCTURE - END PLATE DETAIL TYPE 271c
STD. DETAIL NO. 33 49 23.19