

**SLOPED PROTECTION BARRIER**

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

SHEET 3 OF 8

**360-2**

STANDARD PLAN

**TABLE 1 – STANDARD INLET/OUTLET**

BOX SIZE, W x H		VERTICAL BARS, (mm)		TOP MEMBER		SIDE MEMBERS		BOTTOM MEMBER	
4'x4'	(1.2 x 1.2 m)	1"x1/2"	(25 x 13)	C 4x7.25	(C 102 x 10.8)	C 4x7.25	(C 102 x 10.8)	TS 2x2x0.250	(TS 51 x 51 x 6)
4'x6'	(1.2 x 1.8)	2"x1/2"	(51 x 13)	C 4x7.25	(C 102 x 10.8)	C 4x7.25	(C 102 x 10.8)	TS 2x2x0.250	(TS 51 x 51 x 6)
4'x8'	(1.2 x 2.4)	3"x1/2"	(76 x 13)	C 5x9	(C 127 x 13.4)	C 5x9	(C 127 x 13.4)	TS 3x3x0.250	(TS 76 x 76 x 6)
6'x4'	(1.8 x 1.2)	1"x1/2"	(25 x 13)	C 4x7.25	(C 102 x 10.8)	C 4x7.25	(C 102 x 10.8)	TS 2x2x0.250	(TS 51 x 51 x 6)
6'x6'	(1.8 x 1.8)	2"x1/2"	(51 x 13)	C 4x7.25	(C 102 x 10.8)	C 4x7.25	(C 102 x 10.8)	TS 2.5x2.5x0.250	(TS 64 x 64 x 6)
6'x8'	(1.8 x 2.4)	3"x1/2"	(76 x 13)	C 5x9	(C 127 x 13.4)	C 5x9	(C 127 x 13.4)	TS 3.5x3.5x0.250	(TS 89 x 89 x 6)
6'x10'	(1.8 x 3.0)	4 1/2"x1/2"	(114 x 13)	C 6x10.5	(C 152 x 15.6)	C 6x10.5	(C 152 x 15.6)	TS 4.5x4.5x0.250	(TS 114 x 114 x 6)
8'x4'	(2.4 x 1.2)	1"x1/2"	(25 x 13)	C 4x7.25	(C 102 x 10.8)	C 4x7.25	(C 102 x 10.8)	TS 2x2x0.250	(TS 51 x 51 x 6)
8'x6'	(2.4 x 1.8)	2"x1/2"	(51 x 13)	C 4x7.25	(C 102 x 10.8)	C 4x7.25	(C 102 x 10.8)	TS 2.5x2.5x0.250	(TS 64 x 64 x 6)
8'x8'	(2.4 x 2.4)	3"x1/2"	(76 x 13)	C 5x9	(C 127 x 13.4)	C 5x9	(C 127 x 13.4)	TS 3x3x0.250	(TS 76 x 76 x 6)
8'x10'	(2.4 x 3.0)	4 1/2"x1/2"	(114 x 13)	C 6x10.5	(C 152 x 15.6)	C 6x10.5	(C 152 x 15.6)	TS 4.5x4.5x0.250	(TS 114 x 114 x 6)
10'x6'	(3.0 x 1.8)	2"x1/2"	(51 x 13)	C 4x7.25	(C 102 x 10.8)	C 4x7.25	(C 102 x 10.8)	TS 2.5x2.5x0.250	(TS 64 x 64 x 6)
10'x8'	(3.0 x 2.4)	3"x1/2"	(76 x 13)	C 5x9	(C 127 x 13.4)	C 5x9	(C 127 x 13.4)	TS 3.5x3.5x0.250	(TS 89 x 89 x 6)
10'x10'	(3.0 x 3.0)	4 1/2"x1/2"	(114 x 13)	C 6x10.5	(C 152 x 15.6)	C 6x10.5	(C 152 x 15.6)	TS 4.5x4.5x0.250	(TS 114 x 114 x 6)
12'x6'	(3.6 x 1.8)	2"x1/2"	(51 x 13)	C 5x9	(C 127 x 13.4)	C 5x9	(C 127 x 13.4)	TS 3x3x0.250	(TS 76 x 76 x 6)
12'x8'	(3.6 x 2.4)	3"x1/2"	(76 x 13)	C 5x9	(C 127 x 13.4)	C 5x9	(C 127 x 13.4)	TS 3.5x3.5x0.250	(TS 89 x 89 x 6)
12'x10'	(3.6 x 3.0)	4 1/2"x1/2"	(114 x 13)	C 6x10.5	(C 152 x 15.6)	C 6x10.5	(C 152 x 15.6)	TS 4.5x4.5x0.250	(TS 114 x 114 x 6)
14'x6'	(4.2 x 1.8)	2"x1/2"	(51 x 13)	C 5x9	(C 127 x 13.4)	C 5x9	(C 127 x 13.4)	TS 3x3x0.250	(TS 76 x 76 x 6)
14'x8'	(4.2 x 2.4)	3"x1/2"	(76 x 13)	C 6x10.5	(C 152 x 15.6)	C 6x10.5	(C 152 x 15.6)	TS 4x4x0.250	(TS 102 x 102 x 6)
14'x10'	(4.2 x 3.0 m)	4 1/2"x1/2"	(114 x 13)	C 7x12.25	(C 178 x 18.2)	C 7x12.25	(C 178 x 18.2)	TS 5x5x0.250	(TS 127 x 127 x 6)

**TABLE 2 – OCEAN OUTLET**

BOX SIZE, W x H		VERTICAL BARS, (mm)		TOP MEMBER		SIDE MEMBERS		BOTTOM MEMBER	
4'x4'	(1.2 x 1.2 m)	2 1/2"x5/8"	(64 x 16)	C 5x9	(C 127 x 13.4)	C 5x9	(C 127 x 13.4)	TS 3x3x0.250	(TS 76 x 76 x 6)
4'x6'	(1.2 x 1.8)	3 3/4"x5/8"	(95 x 16)	C 6x13	(C 152 x 19.3)	C 6x8.2	(C 152 x 15.2)	TS 4x2x0.313	(TS 102 x 51 x 8)
4'x8'	(1.2 x 2.4)	5 1/4"x5/8"	(133 x 16)	C 8x18.75	(C 203 x 27.9)	C 8x11.5	(C 203 x 17.1)	TS 6x2x0.250	(TS 152 x 51 x 6)
6'x4'	(1.8 x 1.2)	2 1/2"x5/8"	(64 x 16)	C 6x13	(C 152 x 19.3)	C 6x8.2	(C 152 x 15.2)	TS 4x3x0.313	(TS 102 x 76 x 8)
6'x6'	(1.8 x 1.8)	3 3/4"x5/8"	(95 x 16)	C 6x13	(C 152 x 19.3)	C 6x8.2	(C 152 x 15.2)	TS 4x4x0.500	(TS 102 x 102 x 13)
6'x8'	(1.8 x 2.4)	5 1/4"x5/8"	(133 x 16)	C 8x18.75	(C 203 x 27.9)	C 8x11.5	(C 203 x 17.1)	TS 6x4x0.375	(TS 152 x 102 x 1)
6'x10'	(1.8 x 3.0)	6 1/2"x5/8"	(165 x 16)	C 9x20	(C 229 x 29.8)	C 9x13.4	(C 229 x 19.9)	TS 7x4x0.375	(TS 178 x 102 x 10)
8'x4'	(2.4 x 1.2)	2 1/2"x5/8"	(64 x 16)	C 5x9	(C 127 x 13.4)	C 5x9	(C 127 x 13.4)	TS 3x3x0.250	(TS 76 x 76 x 6)
8'x6'	(2.4 x 1.8)	3 3/4"x5/8"	(95 x 16)	C 6x13	(C 152 x 19.3)	C 6x8.2	(C 152 x 15.2)	TS 4x3x0.250	(TS 102 x 76 x 6)
8'x8'	(2.4 x 2.4)	5 1/4"x5/8"	(133 x 16)	C 8x18.75	(C 203 x 27.9)	C 8x11.5	(C 203 x 17.1)	TS 6x2x0.250	(TS 152 x 51 x 6)
8'x10'	(2.4 x 3.0)	6 1/2"x5/8"	(165 x 16)	C 9x20	(C 229 x 29.8)	C 9x13.4	(C 229 x 19.9)	TS 7x3x0.250	(TS 178 x 76 x 6)
10'x6'	(3.0 x 1.8)	3 3/4"x5/8"	(95 x 16)	C 6x13	(C 152 x 19.3)	C 6x8.2	(C 152 x 15.2)	TS 4x4x0.313	(TS 102 x 102 x 8)
10'x8'	(3.0 x 2.4)	5 1/4"x5/8"	(133 x 16)	C 8x18.75	(C 203 x 27.9)	C 8x11.5	(C 203 x 17.1)	TS 6x4x0.313	(TS 152 x 102 x 8)
10'x10'	(3.0 x 3.0)	6 1/2"x5/8"	(165 x 16)	C 9x20	(C 229 x 29.8)	C 9x13.4	(C 229 x 19.9)	TS 7x3x0.313	(TS 178 x 76 x 8)
12'x6'	(3.6 x 1.8)	3 3/4"x5/8"	(95 x 16)	C 7x14.75	(C 178 x 22.0)	C 7x9.8	(C 178 x 14.6)	TS 5x4x0.313	(TS 127 x 102 x 8)
12'x8'	(3.6 x 2.4)	5 1/4"x5/8"	(133 x 16)	C 8x18.75	(C 203 x 27.9)	C 8x11.5	(C 203 x 17.1)	TS 6x4x0.375	(TS 152 x 102 x 10)
12'x10'	(3.6 x 3.0)	6 1/2"x5/8"	(165 x 16)	C 9x20	(C 229 x 29.8)	C 9x13.4	(C 229 x 19.9)	TS 7x4x0.375	(TS 178 x 102 x 10)
14'x6'	(4.2 x 1.8)	3 3/4"x5/8"	(95 x 16)	C 8x18.75	(C 203 x 27.9)	C 8x11.5	(C 203 x 17.1)	TS 6x4x0.375	(TS 152 x 102 x 10)
14'x8'	(4.2 x 2.4)	5 1/4"x5/8"	(133 x 16)	C 8x18.75	(C 203 x 27.9)	C 8x11.5	(C 203 x 17.1)	TS 6x6x0.375	(TS 152 x 512 x 10)
14'x10'	(4.2 x 3.0 m)	6 1/2"x5/8"	(165 x 16)	C 9x20	(C 229 x 29.8)	C 9x13.4	(C 229 x 19.9)	TS 7x5x0.500	(TS 178 x 127 x 13)