

*SEE NOTES, SHEET 10

DIMENSIONS	WIDTH	28'-0" (8530)	30'-0" (9140)	32'-0" (9750)	
	H	21'-0" (6400)	22'-6" (6860)	24'-0" (7320)	
	L	37'-6" (11430)	40'-0" (12190)	42'-6" (12950)	
	a	14'-0" (4270)	15'-0" (4570)	16'-0" (4880)	
	b	10'-6" (3200)	11'-3" (3430)	12'-0" (3660)	
	c	14'-0" (4270)	15'-0" (4570)	16'-0" (4880)	
	d	4'-8" (1420)	5'-0" (1520)	5'-4" (1630)	
	e	2'-4" (710)	2'-6" (760)	2'-8" (810)	
	f	5'-0" (1520)	5'-6" (1680)	6'-0" (1830)	
	g	10'-0" (3050)	10'-6" (3200)	11'-0" (3350)	
BAR DESIGNATION	T1*	20" (510)	22" (560)	25" (640)	
	T2	14" (360)	14" (360)	14" (360)	
	T3	23" (580)	24" (610)	26" (660)	
	T4*	17" (430)	18.5" (470)	20" (510)	
	T5	21" (530)	24" (610)	26" (660)	
	T6	9" (230)	10" (250)	11" (280)	
	WORKING STRESS DESIGN				
	A-1	#9 @ 4" (#29M @ 100)	#10 @ 4" (#32M @ 100)	(#10 @ 4")	#32M @ 100
	A-2	#8 @ 4" (#25M @ 100)	#9 @ 4" (#29M @ 100)	(#9 @ 4")	#29M @ 100
	A-3	#6 @ 8" (#19M @ 200)	#5 @ 4" (#16M @ 100)	(#5 @ 4")	#16M @ 100
A-4	#6 @ 12" (#19M @ 300)	#7 @ 12" (#22M @ 300)	(#6 @ 8")	#19M @ 200	
A-5	#7 @ 12" (#22M @ 300)	#7 @ 12" (#22M @ 300)	(#8 @ 12")	#25M @ 300	
A-6	#9 @ 4" (#29M @ 100)	#9 @ 4" (#29M @ 100)	(#10 @ 4")	#32M @ 100	
A-7	#8 @ 13" (#25M @ 330)	#8 @ 12" (#25M @ 300)	(#8 @ 10")	#25M @ 250	
A-8	#8 @ 4" (#25M @ 100)	#9 @ 5" (#29M @ 125)	(#9 @ 4")	#29M @ 100	
B-1	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	(#4 @ 10")	#13M @ 250	
B-2	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	(#4 @ 10")	#13M @ 250	
B-3	#8 @ 14" (#25M @ 360)	#8 @ 12" (#25M @ 300)	(#8 @ 11")	#25M @ 275	
C-1	#5 @ 15" (#16M @ 380)	#5 @ 12" (#16M @ 300)	(#5 @ 12")	#16M @ 300	
C-2	#5 @ 15" (#16M @ 380)	#5 @ 12" (#16M @ 300)	(#5 @ 12")	#16M @ 300	
D-1	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	(#4 @ 12")	#13M @ 300	
D-2	#8 @ 11" (#25M @ 275)	#9 @ 13" (#29M @ 330)	(#8 @ 10")	#25M @ 250	
STRENGTH DESIGN					
A-1	#9 @ 6" (#29M @ 150)	#8 @ 4" (#25M @ 100)	#9 @ 5" (#29M @ 125)	(#29M @ 125)	
A-2	#9 @ 8" (#29M @ 200)	#10 @ 8" (#32M @ 200)	#8 @ 5" (#25M @ 125)	(#25M @ 125)	
A-3	#9 @ 12" (#29M @ 300)	#7 @ 8" (#22M @ 200)	#8 @ 10" (#25M @ 250)	(#25M @ 250)	
A-4	#8 @ 12" (#25M @ 300)	#5 @ 8" (#16M @ 200)	#4 @ 5" (#13M @ 125)	(#13M @ 125)	
A-5	#7 @ 12" (#22M @ 300)	#4 @ 4" (#13M @ 100)	#5 @ 5" (#16M @ 125)	(#16M @ 125)	
A-6	#8 @ 4" (#25M @ 100)	#8 @ 4" (#25M @ 100)	#10 @ 5" (#32M @ 125)	(#32M @ 125)	
A-7	#8 @ 13" (#25M @ 330)	#8 @ 12" (#25M @ 300)	#8 @ 10" (#25M @ 250)	(#25M @ 250)	
A-8	#8 @ 7" (#25M @ 175)	#9 @ 8" (#29M @ 200)	#8 @ 6" (#25M @ 150)	(#25M @ 150)	
B-1	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	#4 @ 10" (#13M @ 250)	(#13M @ 250)	
B-2	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	#4 @ 10" (#13M @ 250)	(#13M @ 250)	
B-3	#8 @ 14" (#25M @ 360)	#8 @ 12" (#25M @ 300)	#8 @ 11" (#25M @ 275)	(#25M @ 275)	
C-1	#5 @ 15" (#16M @ 380)	#5 @ 12" (#16M @ 300)	#5 @ 12" (#16M @ 300)	(#16M @ 300)	
C-2	#5 @ 15" (#16M @ 380)	#5 @ 12" (#16M @ 300)	#5 @ 12" (#16M @ 300)	(#16M @ 300)	
D-1	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	(#13M @ 300)	
D-2	#8 @ 15" (#25M @ 380)	#8 @ 15" (#25M @ 380)	#9 @ 18" (#29M @ 460)	(#29M @ 460)	
DESIGN LOAD, IMPACT	1100 PSF (52.7 kPa)	1200 PSF (57.5 kPa)	1300 PSF (62.2 kPa)		

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

**ENERGY DISSIPATOR – IMPACT BASIN
WITH VERTICAL BAFFLE WALL**

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