

*SEE NOTES, SHEET 10

DIMENSIONS

WIDTH	22'-0" (6710)	24'-0" (7320)	26'-0" (7920)
H	16'-6" (5030)	18'-0" (5490)	19'-6" (5940)
L	29'-6" (8990)	32'-0" (9750)	35'-0" (10670)
a	11'-0" (3350)	12'-0" (3660)	13'-0" (3960)
b	8'-3" (2510)	9'-0" (2740)	9'-9" (2790)
c	11'-0" (3350)	12'-0" (3660)	13'-0" (3960)
d	3'-8" (1120)	4'-0" (1220)	4'-4" (1320)
e	1'-10" (560)	2'-0" (610)	2'-2" (660)
f	4'-0" (1220)	4'-6" (1370)	4'-6" (1370)
g	8'-0" (2440)	8'-6" (2590)	9'-6" (2900)
T1*	15" (380)	17" (430)	18" (460)
T2	13" (330)	13" (330)	13" (330)
T3	17" (430)	18" (460)	21" (530)
T4*	13" (330)	14" (360)	15" (380)
T5	15" (380)	17" (430)	19" (480)
T6	9" (230)	9" (230)	9" (230)

BAR DESIGNATION

WORKING STRESS DESIGN						
A-1	#9 @ 6"	(#29M @ 150)	#9 @ 6"	(#29M @ 150)	#8 @ 4"	(#25M @ 100)
A-2	#8 @ 6"	(#25M @ 150)	#9 @ 6"	(#29M @ 150)	#9 @ 6"	(#29M @ 150)
A-3	#4 @ 6"	(#13M @ 150)	#5 @ 6"	(#16M @ 150)	#6 @ 8"	(#19M @ 200)
A-4	#4 @ 12"	(#13M @ 300)	#5 @ 12"	(#16M @ 300)	#6 @ 16"	(#19M @ 410)
A-5	#5 @ 12"	(#16M @ 300)	#4 @ 6"	(#13M @ 150)	#8 @ 16"	(#25M @ 410)
A-6	#9 @ 6"	(#29M @ 150)	#10 @ 6"	(#32M @ 150)	#9 @ 8"	(#29M @ 100)
A-7	#8 @ 16"	(#25M @ 410)	#7 @ 12"	(#22M @ 300)	#6 @ 8"	(#19M @ 200)
A-8	#9 @ 8"	(#29M @ 200)	#9 @ 7"	(#29M @ 175)	#9 @ 6"	(#29M @ 150)
B-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)
B-2	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)
B-3	#8 @ 18"	(#25M @ 460)	#7 @ 12"	(#22M @ 300)	#7 @ 12"	(#22M @ 300)
C-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#5 @ 16"	(#16M @ 410)
C-2	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#5 @ 16"	(#16M @ 410)
D-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)
D-2	#8 @ 18"	(#25M @ 460)	#9 @ 18"	(#29M @ 460)	#8 @ 14"	(#25M @ 360)
STRENGTH DESIGN						
A-1	#9 @ 8"	(#29M @ 200)	(#10 @ 9")	(#29M @ 200)	#9 @ 8"	#32M @ 225
A-2	#8 @ 8"	(#25M @ 200)	(#9 @ 8")	(#29M @ 200)	#9 @ 8"	#29M @ 200
A-3	#4 @ 8"	(#13M @ 200)	(#8 @ 16")	(#16M @ 200)	#5 @ 8"	#25M @ 410
A-4	#4 @ 16"	(#13M @ 410)	(#5 @ 16")	(#13M @ 410)	#4 @ 16"	#16M @ 410
A-5	#5 @ 8"	(#16M @ 200)	(#5 @ 8")	(#16M @ 200)	#5 @ 8"	#16M @ 200
A-6	#9 @ 8"	(#29M @ 200)	(#8 @ 4")	(#29M @ 150)	#9 @ 6"	#25M @ 100
A-7	#8 @ 16"	(#25M @ 410)	(#6 @ 8")	(#22M @ 300)	#7 @ 12"	#19M @ 200
A-8	#8 @ 11"	(#25M @ 275)	(#8 @ 8")	(#29M @ 300)	#9 @ 12"	#25M @ 200
B-1	#4 @ 12"	(#13M @ 300)	(#4 @ 12")	(#13M @ 300)	#4 @ 12"	#13M @ 300
B-2	#4 @ 12"	(#13M @ 300)	(#4 @ 12")	(#13M @ 300)	#4 @ 12"	#13M @ 300
B-3	#8 @ 18"	(#25M @ 460)	(#7 @ 12")	(#22M @ 300)	#7 @ 12"	#22M @ 300
C-1	#4 @ 12"	(#13M @ 300)	(#5 @ 16")	(#13M @ 300)	#4 @ 12"	#16M @ 410
C-2	#4 @ 12"	(#13M @ 300)	(#5 @ 16")	(#13M @ 300)	#4 @ 12"	#16M @ 410
D-1	#4 @ 12"	(#13M @ 300)	(#4 @ 12")	(#13M @ 300)	#4 @ 12"	#13M @ 300
D-2	#6 @ 14"	(#19M @ 360)	(#8 @ 15")	(#22M @ 360)	#7 @ 14"	#25M @ 380
DESIGN LOAD, IMPACT	900 PSF (43.1 kPa)		950 PSF (45.5 kPa)		1000 PSF (47.9 kPa)	

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

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

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