

\*SEE NOTES, SHEET 10

DIMENSIONS

WIDTH	10'-0" (3050)	12'-0" (3660)	14'-0" (4270)
H	7'-6" (2290)	9'-0" (2740)	10'-6" (3200)
L	13'-6" (4110)	16'-0" (4880)	18'-6" (5640)
a	5'-0" (1520)	6'-0" (1830)	7'-0" (2130)
b	3'-9" (1140)	4'-6" (1370)	5'-3" (1600)
c	5'-0" (1520)	6'-0" (1830)	7'-0" (2130)
d	1'-8" (510)	2'-0" (610)	2'-4" (710)
e	0'-10" (250)	1'-0" (300)	1'-2" (360)
f	2'-0" (610)	2'-6" (760)	3'-0" (910)
g	4'-0" (1220)	5'-0" (1520)	5'-6" (1680)
T1*	9" (230)	9" (230)	10" (250)
T2	8" (200)	8" (200)	10" (250)
T3	8" (200)	10" (250)	12" (300)
T4*	8" (200)	8.5" (220)	8.5" (220)
T5	9" (230)	9" (230)	9" (230)
T6	9" (230)	9" (2300)	9" (230)

BAR DESIGNATION

WORKING STRESS DESIGN						
A-1	#6 @ 12"	(#19M @ 300)	#9 @ 18"	(#29M @ 460)	#8 @ 12"	(#25M @ 300)
A-2	#7 @ 12"	(#22M @ 300)	#9 @ 18"	(#29M @ 460)	#8 @ 12"	(#25M @ 300)
A-3	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 12"	(#13M @ 300)
A-4	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)
A-5	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 12"	(#13M @ 300)
A-6	#7 @ 12"	(#22M @ 300)	#8 @ 12"	(#25M @ 300)	#9 @ 12"	(#29M @ 300)
A-7	#5 @ 14"	(#16M @ 360)	#5 @ 12"	(#16M @ 300)	#5 @ 10"	(#16M @ 250)
A-8	#5 @ 11"	(#16M @ 275)	#7 @ 12"	(#22M @ 300)	#8 @ 12"	(#25M @ 300)
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	#6 @ 18"	(#19M @ 460)	#5 @ 12"	(#16M @ 300)	#6 @ 15"	(#19M @ 380)
C-1	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)
C-2	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)
D-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)
D-2	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)
STRENGTH DESIGN						
A-1	#5 @ 12"	(#16M @ 300)	#6 @ 12"	(#19M @ 300)	#8 @ 18"	(#25M @ 460)
A-2	#6 @ 12"	(#19M @ 300)	#6 @ 12"	(#19M @ 300)	#8 @ 18"	(#25M @ 460)
A-3	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)
A-4	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)
A-5	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)
A-6	#6 @ 12"	(#19M @ 300)	#7 @ 12"	(#22M @ 300)	#8 @ 12"	(#25M @ 300)
A-7	#5 @ 14"	(#16M @ 360)	#5 @ 12"	(#16M @ 300)	#5 @ 10"	(#16M @ 250)
A-8	#4 @ 12"	(#13M @ 300)	#5 @ 12"	(#16M @ 300)	#6 @ 11"	(#19M @ 275)
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	#6 @ 18"	(#19M @ 460)	#5 @ 12"	(#16M @ 300)	#6 @ 15"	(#19M @ 380)
C-1	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)
C-2	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)
D-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)
D-2	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)
DESIGN LOAD, IMPACT	450 PSF (21.5 kPa)	525 PSF (25.1 kPa)	600 PSF (28.7 kPa)			

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

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

STANDARD PLAN

**384-3**

SHEET 5 OF 10