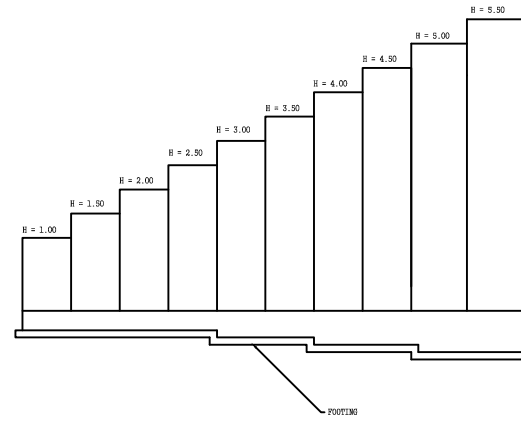
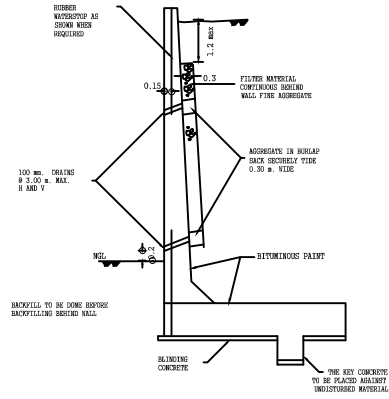
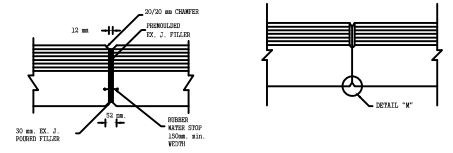


TYPICAL SECTION IN L-SHAPED RETAINING WALL



ELEVATION



EXPANSION JOINT PLAN

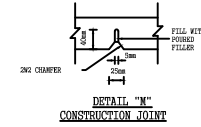
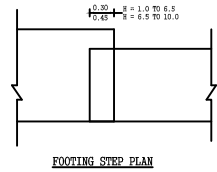
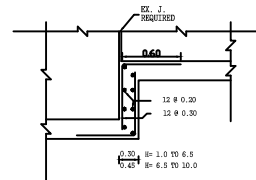


TABLE OF REINFORCING STEEL, DIMENSIONS AND DATA									
L-SHAPED RETAINING WALL									
H m.	1.0	1.5	2.0	2.5	3.0	3.5	4.0	5.0	
W m.	1.35	1.90	2.15	2.45	2.80	3.00	3.20		
B m.	0.25	0.25	0.30	0.35	0.40	0.45	0.50		
D m.	0.70	0.70	0.75	0.80	0.85	0.90	0.95	1.00	
H m.	0.25	0.25	0.30	0.40	0.40	0.40	0.40	0.45	
L m.	0.25	0.25	0.35	0.50	0.65	0.75	0.80	0.90	
B m.	0.20	0.20	0.20	0.30	0.30	0.30	0.30	0.35	
"a" BARS	10/15	10/12.5	10/12.5	12/15	12/15	14/17.5	14/15	14/12.5	
"b" BARS	10/15	10/12.5	10/12.5	12/15	14/15	16/17.5	16/15	16/12.5	
"c" BARS	10/15	10/12.5	10/12.5	12/15	14/15	16/15	16/15	16/12.5	
"d" BARS	-	-	-	10/20	10/20	12/20	12/20	14/20	
CONCRETE						2.90	3.75		
Class						3.10	3.95		

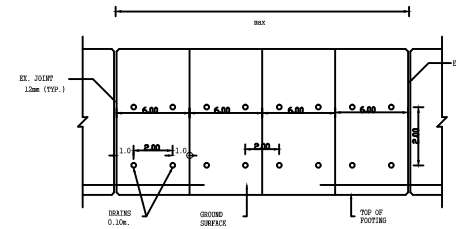
- BAR SIZES ARE IN MILLIMETERS.
 - BARS SPACINGS ARE IN CENTIMETERS.
 - ALLOWABLE BEARING SOIL PRESSURE $q_u = 25g/cm^2$



FOOTING STEP PLAN



FOOTING STEP ELEVATION



ELEVATION



Rehabilitation of street Baset / Qarara		
DRAWING TITLE L-shaped wall		
DATE	DESIGNER	DRAWN BY
2008	M. (S)	
S.A.		