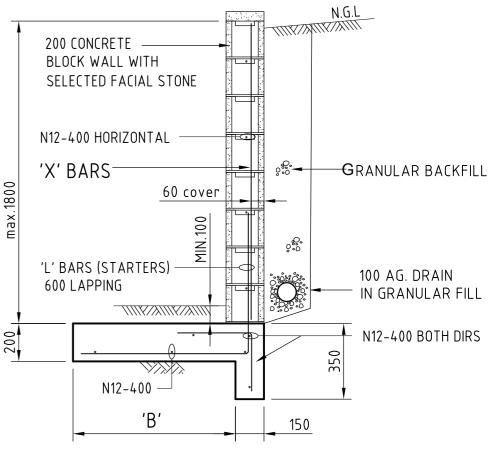


RETAIN	RETAINING WALL RW1 SCHEDULE					
HEIGHT 'H'	BASE 'B'	'X' BARS	'L' BARS			
800 - 1400	800	N12-400	N12-400			
1400 - 1800	1200	N16-400	N16-400			



RETAINING WALL RW1 LAYOUT

SCALE 1:100

CONSTRUCTION NOTES

GENERAL

- architectural drawings
- G2 Dimensions shall not be obtained by scaling the structural drawings.
- G3 Setting out dimensions shown on the drawings shall be verified by the builder.
- G4 Refer to architectural drawings for brick and block wall thickness where not mentioned on these drawings, and for falls in slabs, waterproofing membranes and all architectural features such as drip grooves, fillets etc.
- G5 The engineer is to be notified when rock is encountered.

FOUNDATIONS

- G1 These drawings shall be read in conjunction with all F1 Excavation shall be taken into uniform virgin strata, the allowable bearing pressure on this material is assumed to be HARD CLAY OR SHALE
 - F2 Excavation shall not be made below the level of any existing adjacent footings
 - F3 Footings shall be placed centrally under walls and columns, unless noted otherwise.
 - F4 All excavations shall be finished clean and horizontal.
 - F5 The Builder shall obtain approval of the foundation material before placing concrete.
 - F6 All filling work shall comply with AS2870.

CONCRETE

- C1 All reinforcing bars to be in accordance with AS 1302 steel reinforcing bars for concrete.
- C2 All fabric to be in accordance with AS 1304 hard drawn steel wire reinforcing fabric for concrete.
- C3 All concrete work to be in accordance with AS 3600 concrete structures code.
- C4 Minimum 28 day strength of concrete:

Element F'c (MPa) - AS3600 Slump (mm) **FOOTINGS** 80

C5 Concrete cover to reinforcement:

Unprotected Membrane Protected Footings 40

RETAINING WALL - RW1

SCALE 1:20

REINFORCEMENT

- R1 Reinforcing lengths are not to be scaled from drawings.
- R2 Minimum laps for reinforcing bars shall be as follow: --

BAR LAPPING SCHEDULE										
BAR SIZE	12	16								
LAP LENGTH	400	600								

BLOCKWORK

- B1 Blocks shall have a minimum compressive strength of 15 MPa.
- B2 Grout shall achieve a minimum compressive strength f'c=25MPa at 28 days with 230 mm slump mix which will flow freely without segregation.
- B3 All grouted walls shall be vibrated and/or rodded to ensure completed filling and compacting of grout in all cores.

CLIENT				BOB FENG B.E. M.Eng.S. M.I.E.Aust.	l	AT: PROPOSED RETAINING WALLS at: No.10 PARUNA PLACE, CROMER	FENG Consu
				D.E. M.Elig.S. M.I.E.Ads1.	SCALE	DRAWING TITLE	- Civil and Structu
				APPROVED	DATE	RETAINING WALL RW1 PLAN AND DETAILS	Suite 212, Level 2 No.4—10 Goulburn Street
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	No. [)ate	Amendment/Issue		DRAWN	19874 - S01 A -	Email: shine.eng@bigpond.com

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