









TYPICAL 1.8m BLOCK RETAINING WALL TO ROCK



H D A-BAR

UP TO 1000 450 N12 - 400 UP TO 1800 600 N16 - 400

> ABBREVIATIONS REVISION U.O.N. UNLESS OTHERWISE NOTED TOP BOTTOM H.D. HOT DIPPED GALV. GALVANISED

MIN.

c/c

TYP. TYPICAL 8 NOV 2019 EXTENT OF RETAINING WALL

CHECKED

SHEET -2/A

TAYLOR CONSULTING

STRUCTURAL DETAILS - ALTERATIONS AND ADDITIONS 50 HEATHCLIFF CRESCENT, BALGOWLAH HEIGHTS SCALE @ A1 - Jelle 1:100 1:20 27 MARCH 2019

Workmanship involved in placing concrete units shall comply with AS 3706 and all units shall be have fully bedded face shells and cross walls.

RETAINING WALLS

The design strength of concrete masonry shall be

CONSTRUCTION NOTES

Element

FOOTINGS

DEMERIA. These devalops shall be read in conjunction with all architectural and other considerate devalops and specifications and with sout other written instructions as may be issued driving the course of the contract. All devalopers is shall be referred for the Supervision Officer for decision before proceeding with the work. Glamenisms shall be the obtained by scaling the structural devalops. 3. All demoisms shall be writted on site by the Centractor who shall be responsible for the correct ness.

correct ness.

4. The centrator shall be responsible for maintaining the structure and neighbouring structures in a rate and stable condition during construction. No part shall be ever-stressed.

5. All verleanating and makerials shall be in accordance with the requirements of the current SAA Codes and the By-Lows and Ordanaces of the relevant Government Authority.

80 20 25

Mar has had passed our a membrane on your day included as XI.

8. deminer count symptom of the American of the

true projection.

5. Spices in the reinforcement shall be made only in the positions shown. The written approval of the Supervising fofter shall be obtained for any other spices, where the law length is not whart at shall be softened in develope fine all temple of the enderforcement.

8. Welding of reinforcement will not be permitted unless shown on the structural drawings.

 Concrete sizes shown are ninimum and no reductions by ducts, pipes, etc. shall be made without the approval of the Supervising Officer. Sizes do not include thickness of applied finishes. 23. Beam depths are written first and do not include slab thickness.

13. Pipes or conduits shall not be placed within the concrete cover to reinfor without the approval of the Supervising Officer. without the approval of the Supervising Officer.

1. No belot or these other him has shown on the structural drawings shall be add in concrete members without the prior approval of the Supervising Officer.

15. Construction joints where not shown shall be located to the approval of the Supervising Officer.

16. The contractor shall notify the Engineer 26 hours before pouring occurred.

The concrete shall make the Engineer it hours before pearing concrete.
 The concrete shall be compacted using high frequency site afores.
 Columns, piers, and podestats shall be placed 24 hours finish before concrete in slabs or beams over.
 Curing of all concrete surfaces shall commence immediately after surfaces are finished as specified.

Ininished as specified. BRICK AND CONCETE BLOCK HASONRY

1. All workmaship and materials shall be in accordance with AS 3780.

2. Two layers of approved netal based slip joint material shall be laid under all slabs where they boar on brickwork. Mails shown on structural drawings are load bearing walls. Non load bearing walls under stabs shall be separated from the concrete by a minimum of 18mm thick compressible material.

 No brickwork which is supported by the slab shall be erected until formwork has been removed.
 Brick mortar to be 11.6 proportions by volume of cement, line and sand. Brick strength of load bearing brickwark to be a minimum of fluc = 16. Mpa REINFORCED CONCRETE BLOCK MASCARY
 All concrete masonry units shall conform to the requirements of AS 2738.

Strength Grade of Units

15 MPa

(BLOCKS)

Horter Mix

Cement, Line ,Sand

1:0.1:3

on profiled uses shown the tarties.

specific lap detail:

15. Size restrement shall extend a less! 65 and nessery support with shown of herwise.

16. Courte in the same of t

Excavation shall be taken into ROCK
 the allowable bearing pressure on this material is as

. Clean out holes shall be provided at the base of all reinforced

Clean not holes shall be provided at the base of all reinforced cores.
 Uniose noted inhamical becores of all cornect in assery units shall be filled with concrete having a characteristic strength at 28 days ITC of 27 MPs and a slung of 180m to 230ms when heigh glaced, the concrete filling shall be thoroughly compact and.

 Result of wome agree played in correct code is fill ones shall be film exists shan etherwise
 STRUCTURAL STEEL WORK.

STRUCTURAL STELLWOOK

All windowship of an elevisis shall be in accordance with AS 4100 and AS 5554
except where varied by the contract documents.

Three Bicgoes all this death cast has bushingto the engineer for approval
of Structural auditioning before febricalism.

At viets shall be done certinous fifer, if sholls 970m, all guests plates Then
thick, unless noted otherwise on the drawing.

thick, unless noted otherwise on the drawing.

Concrete cross determined the very good will have vier at 19thm centres and
shall have a minimum 50 cover of concrete.

Stells beans and princisus will spon person than 6 on boal be flabicated with an
upunets proceder of 1956 span in each span wires noted otherwise on the drawings.

G. Structural steedown is no be wire broaded to reseave rout and toose mill scale
and coaled will have calf approvery place tiess noted otherwise are to drawing.

7. All steelwork cast into brickwork is to be het dipped galvanised.

Timber construction is to be in accordance with AS 1720 and the Timber Franing Code AS 1684.

MINIMUM CENTRE TO CENTRE

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