

DRIVEWAY PLAN

All piers are to bear on natural sandy soil (See Note F3 for slab preparation & bearing). Slab to be 150 thick. Provide 30 sand under slab.



denotes Design Surface Level

denotes Natural Surface Level

Date Approv

MASONRY WALLS

M1. All workmanship and materials shall be in accordance with AS 3700.

M2. Strengths of masonary units and type of mortar shall be as follows: F'uc (MPa) Mortar C:L:S

Grade 15

Core filling grout to have a characteristic strength of 25 MPa.

M3. Mortar admixtures shall not be used without written permission of the Engineer. M4. Masonry walls supporting slabs and beams shall have a pre-greased two layer galvanised steel slip ioint between concrete and masonry UNO.

1.1.6

M5. All masonry walls supporting or supported by concrete floors shall be provided with vertical joints to match any control joints in the concrete. M6. Non load bearing walls shall be separated from concrete above by 12mm thick closed cell polythene

strip or Caneite. M7. No chases or recesses are permitted in load bearing and structural masonry without the written

permission of the Engineer M8. All load bearing and structural masonry shall be laid on full beds of mortar and all perpends shall be

fully filled with mortar. M9. Provide vertical control joints at 9m maximum centres. Joints shall be 12mm wide and filled with compressible material and caulked on external faces.

T1. All timber design, construction and materials to AS 1720.1 and AS 1720 UNO.

T2. AS 1684 shall be applied to domestic construction in sheltered locations.
T3. Softwood to be minimum grade F7 UNO. Hardwood to be minimum grade F14.
T4. Anchor rods and tie down straps to the roof shall be installed that ensure uplift wind forces are transmitted to the foundations unless special fixings are nominated.

UNDERPINNING

U1. Where beams are to be installed to support walls over new openings, walls are to be effectively supported by tomming down to solid support. Cut opening and install beams, steel wedge between beam and brickwork to floor over to transfer load from toms and grout between beams and brickwork or floor before removing tomming

STRUCTURAL STEEL

S1. All workmanship and materials shall be in accordance with AS4100 and AS 1554, except where varied by the contract documents

S2. All steel shall be Grade 250 for plates and Grade 300 for other members UNO. S3. Three copies of workshop fabrication drawings shall be submitted to the Engineer for review at least 10 working days prior to commencement of fabrication

S4. Bolt Designation:

4.6/S denotes commercial bolts of Grade 4.6 to AS 1111, snug tightened

8.8/S denotes high strength structural bolts of Grade 8.8 to AS 1252, snug tightened. 8.8/TB denotes high strength structural bolts of Grade 8.8 to AS 1252, fully tensioned to AS 4100 as a

Bearing joint.
 8.8/TF denotes high strength structural bolts of Grade 8.8 to AS 1252, fully tensioned to AS 4100 as a friction joint with facing surfaces left uncoated.
 S5. UNO, all bolts shall be M16 grade 8.8/S. No connection shall have less than 2 bolts.
 S6. UNO, all welds shall be 6mm continuous fillet type GP using E41XX electrodes. Butt welds shall be complete penetration butt welds to AS 1554.

S7. TB and TF bolts to be installed using approved load indicating washers. S8. UNO, all cleat plates shall be 10mm thick.

S9. Provide seal plates to hollow sections, with "breather" holes if members are to be hot dip galvanised. S10. All steelwork shall be securely temporarily braced as necessary to stabilise the structure during

S11. Structural steelwork not encased in concrete shall have surface treatment in accordance with the

S12. The Builder shall provide all cleats and drill all holes necessary for fixing steel to steel and other elements whether or not detailed in the drawings. S13. All unexposed steelwork to be primed with R.O.Z.C. S14. All steelwork which is exposed or in contact with brickwork, and all lintels, shall be hot dip galvanised.

А	28.8.19	Amend driveway slab	
SSUE	DATE	DESCRIPTION	
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MR D CATCHLOVE			
PROPOSED DRIVEWAY AT 77 MYOLA ROAD NEWPORT			
^{te} 19.10.18			^{Scales} 1:100, 1:20
proved B.E., M.I	Michael .E. Aust. NER (Ci	0	Drawing No 1848A