

**GENERAL NOTES**

- G1. THE BUILDER IS TO CHECK AND BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS AND ANY DISCREPANCY TO BE REPORTED IMMEDIATELY.
- G2. STABILITY OF THE BUILDING DURING CONSTRUCTION AND EXCAVATION IN THE VICINITY OF NEIGHBOURING BUILDINGS IS THE RESPONSIBILITY OF THE BUILDER. APPROVAL OF ALL PROPOSED WORKS MUST BE GRANTED BY THE CONSULTING ENGINEER PRIOR TO COMMENCEMENT OF WORK.
- G3. DO NOT SCALE DRAWINGS.
- G4. ALL WORKMANSHIP AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE CURRENT AUSTRALIAN STANDARDS AND GOVERNMENT REQUIREMENTS.
- G5. FOOTINGS HAVE BEEN DESIGNED TO BEAR ON ALLUVIAL SOIL WITH A SAFE BEARING WORKING CAPACITY OF 150 KPA.
- G6. ROOF DECKING TO BE FIXED BY TYPE17 SCREWS AT ALTERNATE CREST INTERVALS OVER WHOLE ROOF.

**BLOCKWORK NOTES**

- B1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3700.
- B2. MORTAR ADMIXTURES SHALL NOT BE USED WITHOUT THE WRITTEN APPROVAL OF THE SUPERINTENDENT.
- B3. ALL LOAD BEARING BLOCKWORK SHALL HAVE A MINIMUM CRUSHING STRENGTH OF 10-12 MPa
- B4. ALL BLOCKS TO BE CLEAN AND FREE FROM OILS, ETC.
- B5. ALL BLOCKWORK SHALL BE REINFORCED VERTICALLY AT 800 CENTRES.
- B6. ALL CORES CONTAINING VERTICAL REINFORCEMENT SHALL BE FILLED WITH 15MPa CONCRETE AND COMPACTED.
- B7. CORE FILL BLOCKWORK EVERY THIRD LAYER.
- B8. NO CHASES SHALL BE CUT INTO LOAD BEARING BLOCK WORK AND BLOCK WORK SHALL BE LEVEL AND SMOOTH.
- B9. THE TOP COURSE OF ALL LOAD BEARING BRICK WORK AND BLOCK WORK SHALL BE LEVEL AND SMOOTH AND COVERED WITH AN APPROVED SLIDING MATERIAL UNLESS NOTED OTHER WISE.
- B10. NO MASONRY TO BE CONSTRUCTED ON PROPPED SLABS OR BEAMS.
- B11. MAXIMUM HEIGHTS OF BLOCK WORK WALLS BETWEEN POINTS OF LATERAL SUPPORT AS DEFINED IN AS3700 SHALL BE 2.7
- B12. ALL BLOCK WORK SHALL BE REINFORCED HORIZONTALLY EVERY THIRD LAYER.
- B13. ALL BLOCK WORK REINFORCEMENTS SHALL BE CONNECTED AT THE ENDS BY HOOKS OR COGS TO TANGENTIAL REINFORCEMENTS.
- B14. ALL SPLICES IN BLOCK WORK REINFORCEMENTS SHALL BE 500mm MIN AND SHALL BE TIED.

**CONCRETE NOTES**

- C1. ALL CONCRETE SHALL BE HANDLED, PLACED, COMPACTED, FINISHED AND CURED IN ACCORDANCE WITH AS3600 SO THAT THE HARDENED CONCRETE WILL SATISFY THE DESIGN REQUIREMENTS FOR STRENGTH, SERVICEABILITY AND DURABILITY.
- C2. UNLESS SPECIFIED OTHERWISE, ALL CONCRETE SHALL BE NORMAL-CLASS, & MANUFACTURED & SUPPLIED IN ACCORDANCE WITH AS1379.

ELEMENT	MAXIMUM AGGREGATE SIZE	SLUMP	COMPRESSIVE STRENGTH GRADE
FOOTINGS	20mm	80mm	20MPA
INTERNAL SLABS ON GROUND	20mm	80mm	20 MPa
EXTERNAL SLABS ON GROUND	20mm	80mm	25 MPa
SUSPENDED SLABS	20mm	80mm	32 MPa
BEAMS & COLUMNS	20mm	80mm	25 MPa
BLOCKWORK GROUT	10mm	230mm	15 MPa

**C3. CONCRETE COVER ALL REINFORCEMENT**

ELEMENTS	SURFACES FORMED & FULLY ENCLOSED IN INTERIOR ENVIRONMENTS	SURFACES FORMED & FULLY ENCLOSED IN EXTERIOR ENVIRONMENTS	SURFACES CAST ON OR AGAINST GROUND
FOOTINGS	-	-	100mm
SLABS	20 mm	20 mm	100mm
BEAMS	30mm	100mm	-
WALLS	20mm	100mm	-
COLUMNS	30mm	100mm	-

- HIGH FIRE RESISTANCE RATINGS OR SEVERE EXPOSURE CONDITIONS MAY REQUIRE GREATER COVERS. REFER AS3600.
- ADDITIONAL THICKNESS PROVIDED BY TOPPINGS & COATINGS SUCH AS TILES OR MEMBRANES SHALL NOT BE INCLUDED OR DEEMED TO CONTRIBUTE THE REQUIRED COVER.
- WHERE SURFACES CAST ON OR AGAINST GROUND ARE PROTECTED BY A DAMP-PROOF MEMBRANE THE COVER MAYBE REDUCED BY 10mm.
- C4. SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN THE POSITION SHOWN AND SHALL BE SUFFICIENT TO DEVELOP THE FULL STRENGTH OF THE REINFORCEMENT OR AS DETERMINED BY THE SUPERVISOR.
- C5. THE DESIGN, CERTIFICATION, CONSTRUCTION AND PERFORMANCE OF THE FORMWORK AND FALSEWORK IS THE RESPONSIBILITY OF THE BUILDER, DESIGN, CONSTRUCTION AND STRIPPING TIMES TO COMPLY WITH AS3610 AND AS3600 OR AS APPROVED BY THE ENGINEER.
- C6. CONCRETE SIZES SHOWN DO NOT INCLUDE THICKNESS OF APPLIED FINISHES.
- C7. ALL REINFORCEMENT SHALL BE ACCURATELY PLACED IN THE POSITION SHOWN, TIED AND SUITABLY SUPPORTED TO MAINTAIN THE SPECIFIED COVER.
- C10. MEMBERS SHALL BE IN FULLY CURED CONTINUOUSLY FOR AT LEAST 3 OR 7 DAYS UNDER AMBIENT CONDITIONS, AS SPECIFIED BY AS3600. 50mm WET SAND BLANKET MAY BE USED ON APPROVAL.
- C11. CONDUITS, PIPES, ETC. MUST NOT BE PLACED IN CONCRETE COVER. NO HOLES OR CHASES OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL BE ALLOWED.
- C12. ALL CONCRETE TO BE MECHANICALLY VIBRATED AND THE VIBRATOR SHALL NOT BE USED TO SPREAD CONCRETE.
- C13. ALL TIE RODS, WHERE NOT SHOWN ON PLANS, SHALL BE R10 AT 300 CENTRES. LAPS TO TIE RODS SHALL BE NO LESS THAN 450mm.
- C14. FORMWORK STRIPPING TIME SHALL BE 7 DAYS MIN FOR SUSPENDED MEMBERS AND 3 DAYS MIN FOR OTHERS.

**TIMBER NOTES**

- T1. ALL TIMBER FOR THE ROOF TRUSSES SHALL BE F7 GRADE AND TREATED FOR TERMITES.
- T2. ALL JOINTS SHALL BE NAILED BY SUITABLE GALVANISED NAILS AND SHALL HAVE NAIL PLATES ON THE TWO OPPOSITE FACES. GALVANISED NAIL PLATES SHALL BE SELECTED TO MATCH THE LOCATION OF THE JOINTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- T3. TRUSSES MANUFACTURED ON SITE SHALL BE STORED UNDER COVER SO THAT NO WARPING, CRACKING, TWISTING ETC SHALL BE NOTICEABLE ON THE TIMBER MEMBERS.
- T4. TIMBER WITH SERIOUS KNOTS IN THEM SHALL NOT BE USED AS STRUCTURAL MEMBERS.
- T5. NAIL PLATES, NAILS ETC USED IN THE FABRICATION OF TRUSSES SHALL BE HOT DIPPED GALVANISED.
- T6. PURLINS SHALL BE SPACED AS SHOWN AND NOTED ON DRAWINGS. THEY SHALL BE NAILED IN PLACE AND THEN STRAPPED WITH GALVANISED STRAPS AND FIXED BY AT LEAST 5 NAILS PER LEG.
- T7. PURLIN JOINTS SHALL NOT BE ALLOWED BETWEEN TRUSSES UNLESS AGREED BY THE SUPERVISOR'S REPRESENTATIVE.



DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
MINISTRY OF CLIMATE CHANGE

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