GENERAL NOTES

G1. ALL WORK & MATERIALS SHALL BE IN ACCORDANCE WITH THE DRAWINGS, THE SPECIFICATION, AND CURRENT RELEVANT AUSTRALIAN STANDARDS, THE BUILDING CODE OF AUSTRALIA AND OTHER STATUTORY REQUIREMENTS

G2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL & OTHER CONSULTANTS DRAWINGS, THE SPECIFICATION AND ALL OTHER WRITTEN INSTRUCTIONS THAT ARE ISSUED DURING THE COURSE OF THE WORKS

G3. THE BUILDER SHALL CONFIRM ALL RELEVANT DIMENSIONS BEFORE COMMENCING CONSTRUCTION/FABRICATION

G4. ALL DISCREPENCIES SHALL BE REFERRED TO THE ARCHITECT /ENGINEER FOR CLARIFICATION BEFORE PROCEEDING. NOTIFY THE ARCHITECT/ENGINEER OF ALL VARIATIONS ARISING FROM THE CLARIFICATION OF THE DISCREPANCY BEFORE PROCEEDING WITH THE WORKS

G5. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS

G6. DO NOT SCALE DRAWINGS

G7. ALL DIMENSIONS ARE IN MILLIMETRES OR METRES UNLESS NOTED OTHERWISE

G8. NO SUBSTITUTION SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER

G9. THE BUILDER SHALL MAINTAIN THE WORKS IN A SAFE, STABLE CONDITION AND ENSURE THAT NO PART IS OVER-STRESSED DURING CONSTRUCTION

G10. ALL PROPS AND FORMWORK TO A BEAM OR SLAB SHALL BE REMOVED BEFORE ANY MASONRY IS CONSTRUCTED ON THAT BEAM OR SLAB

G11. ALL NON LOAD BEARING WALLS SHALL BE CONSTRUCTED 20mm CLEAR OF SLAB AND BEAM SOFFITS U.N.O

G12. THE ENGINEER ACCEPTS NO RESPONSIBILITY FOR THE WORKS UNLESS THE WORKS ARE INSPECTED AND APPROVED BY THE ENGINEER DURING CONSTRUCTION

G13. A MINIMUM OF 48 HRS NOTICE IS REQUIRED FOR ALL ENGINEERING INSPECTIONS U.N.O

TIMBER NOTES

T1. ALL WORK AND MATERIALS SHALL BE N ACCORDANCE WITH AS1720 AND AS1684

T2. STRUCTURAL TIMBER AS SHOWN ON THE ENGINEER'S DRAWINGS SHALL HAVE A MINIMUM STRESS GRADE AS BELOW U.N.O

KILN DRIED HARDWOOD	KDHW	F17
LVL HYSPAN	LVL	F16
UNSEASONED HARDWOOD	H.W	F8
OREGON/TREATED PINE	T/PINE	F7
SEASONED RADIATA PINE	S.R.P	F5

T3. TIMBER SIZES NOT CALLED UP SHALL BE IN ACCORDANCE WITH AS1684 OR THE ARCHITECTURAL DRAWINGS. ANY DISCREPENCY SHALL BE REFERRED TO THE ARCHITECT/DESIGNER

T4. ALL BOLTED CONNECTIONS SHALL USE OVER SIZED WASHERS UNDER BOLT HEAD AND NUT. ALL EXTERNAL BOLTS, NUTS AND WASHERS SHALL BE HOT DIPPED GALVANISED. NO KNOTS OR DEFECTS SHALL OCCUR WITHIN 150mm OF BOLT GROUP OR CONNECTORS. WHERE POSSIBLE RE-TIGHTEN BOLTS AFTER 6 WEEKS AND AGAIN AT 12 MONTHS

T5. MAKE GOOD PRESERVATIVE TREATMENT WHERE CHECKOUTS, HOLES AND CUTS EXPOSE UNTREATED TIMBER

T6. ALL EXTERNAL TIMBERS SHALL BE DURABLE, SUITABLE FOR EXTERNAL USE AND COMPLY WITH THE APPROPRIATE HAZARD LEVEL FOR SPECIFIC SERVICE CONDITIONS

T7. GLUED LAMINATED BEAMS SHALL BE MANUFACTURERED IN ACCORDANCE WITH AS1328. CAMBER SHALL BE AS NOTED ON THE DRAWINGS OR AS SPECIFIED, AND INSTALLED WITH HOG UP. BEAMS FOR EXTERNAL USE SHALL BE FABRICATED USING RESORCINOL OR PHENOLIC ADHESIVE

T8. ALL PROPRIETARY FIXINGS SHALL BE INSTALLED TO DEVELOP THEIR MAXIMUM CAPACITY AND IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS

T9. ALL TIMBER FRAMEWORK SHALL BE ADEQUATELY TIED TO RESIST UPLIFT AND RACKING FORCES IN ACCORDANCE WITH AS1684

T10. THE BUILDER SHALL SUBMIT ONE SET OF TRUSS MANUFACTURERS LAYOUT DRAWINGS & COMPUTATIONS FOR REVIEW PRIOR TO ORDERING ALL LINTELS/BEAMS & SUPPORTING STUDS

T11. ANY DISCREPANCY IN TIMBER SIZES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS, SKETCHES OR COMPUTATIONS CONTACT ENGINEER FOR WRITTEN CLARIFICATION, OTHERWISE ENGINEERING SIZES OVERRULE ARCHITECTURAL SIZES

T12. PREFABRICATED TIMBER ROOF & FLOOR TRUSSESS AND WALL FRAMING SHALL COMPLY WITH MANUFACTURERS DETAILS AND THE REQUIREMENTS OF AS1440

SLABS ON GROUND

SG1. RESIDENTIAL SLABS-ON-GROUND SHALL BE IN ACCORDANCE WITH AS2870

SG2. THE SITE OF THE WORKS SHALL BE STRIPPED OF ALL GRASS, ROOTS, VEGETABLE MATTER AND COMPRESSIBLE TOPSOIL

SG3. THE GROUND BELOW SLABS SHALL BE PROOF ROLLED WITH AN APPROVED HEAVY COMPACTOR. ALL 'SOFT SPOTS' ENCOUNTERED SHALL BE REMOVED & REPLACED WITH COMPACTED CRUSHED ROCK OR APPROVED FILL IN ACCORDANCE WITH AS2870 & AS3798

SG4. CLEAN GRANULAR FILLING UP TO (600mm - EXISTING FILL DEPTH) MAY BE PLACED UNDER THE SLAB IN ACCORDANCE WITH THE PROVISIONS OF AS2870 PART 6.4. FILLING SHALL BE COMPACTED IN 150mm THICK LAYERS BY MECHANICAL ROLLER

SG5. TERMITE PROTECTION SHALL BE PROVIDED AS REQUIRED BY AUSTRALIAN STANDARD AS3990 AND THE LOCAL STATUTORY AUTHORITY

SG6. SLABS SHALL BE LAID ON A 0.2mm POLYETHELENE MEMBRANE, CONTINUOUS, LAPPED 200mm MIN. AMD TAPED AT PUNCTURES AND SERVICE AND PIPE PENETRATIONS. MEMBRANE TO EXTEND UNDER AND TO THE SIDES OF ALL SLABS, BEAMS AND THICKENINGS

SG7. BEAM & STRIP FOOTING REINFORCEMENT SHALL HAVE A NOMINAL COVER OF 50mm

SG8. TRENCH MESH SHALL BE LAID CONTINUOUSLY AND SHALL BE SPLICED WHERE NECESSARY WITH A LAP OF 500mm

SG9. TRENCH MESH SHALL BE OVERLAPPED BY THE WIDTH OF THE FABRIC AT CORNERSAND INTERSECTIONS AND THE ENDS OF TRENCH MESH SHALL TERMINATE WITH A CROSSBAR

SG10. FABRIC SHALL BE PLACCED NEAR THE TOP OF THE SLAB AND SHALL HAVE A NOMINAL COVER OF 25mm, U.N.O. FABRIC SHALL BE LAPPED A MINIMUM OF TWO WIRES PLUS 25mm AND SHALL BE SET OUT SUCH THAT NO MORE THAN THREE THICKENESSES OF FABRIC OCCUR AT ANY LOCATION

SG11. AT RE-ENTRANT CORNERS, TWO STRIPS 2.0m IN LENGTH OF 3-L8TM OF ONE STRIP OF 3-L11TM, SHALL BE PLACED DIAGONALLY ACROSS A POTENTIAL CRACK

SG12. HOT WATER HEATING PIPES MAY BE EMBEDDED IN THE SLAB IF THE REINFORCEMENT COVER IS INCREASED BY 25mm, PIPES ARE LAID ON SL52 MESH AND SLAB MESH IS UPGRADED

SG13. THE GROUND SURROUNDING THE SLAB SHALL HAVE ITS SURFACE AT LEAST 150mm LOWER THAN THE SLAB SURFACE. DRAINGE SHALL BE DESIGNED AND CONSTRUCTED TO AVOID WATER PONDING AGAINST OR NEAR THE FOOTING. THE GROUND IN THE IMMEDIATE VICINITY OF THE PERIMETER FOOTING, INCLUDING THE GROUND UPHILL FROM THE SLAB ON CUT & FILL SITES, SHALL BE GRADED TO FALL 50mm MIN. AWAY FROM THE FOOTING OVER A DIST. OF 1.0m

SG14. OWNERS SHALL MAINTAIN THE SLAB AS NOTED IN APPENDIX B OF AS2870 AND IN THE CSIRO PUBLICATION 'BTF16 FOUNDATION MAINTENANCE AND FOOTING PERFORMANCE - A HOMEOWNERS GUIDE'. IT IS THE BUILDERS RESPONSIBILITY TO ENSURE THAT THE OWNER IS INFORMED OF THESE REQUIREMENTS

CONCRETE

C1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3600

C2. CONCRETE SHALL HAVE A CHARACTERISTIC COMPRESSIVE STRENGTH AS FOLLOWS U.N.O:

FOOTINGS	F'c = 25 MPa
SLABS-ON-GROUND	F'c = 25 MPa
PAVING SLABS	F'c = 25 MPa
SUSPENDED CONCRETE	F'c = 32 MPa
BLINDING CONCRETE	F'c = 15 MPa

C3. CONCRETE SHALL BE CURED BY AN APPROVED METHOD FOR AT LEAST 7 DAYS AFTER PLACEMENT

C4. CONCRETE SHALL BE COMPACTED USING MECHANICAL VIBRATION

C5. VIBRATION OF FORMS IS NOT ACCEPTABLE AND CONCRETE SHALL NOT BE SPREAD BY VIBRATING

C6. CONCRETE SECTIONS SHOWN ARE MINIMUM SIZES AND DO NOT INCLUDE FINISHES. SIZES SHALL NOT BE REDUCED IN ANY WAY OR HOLES FORMED OR MADE IN ANY MEMBER WITHOUT THE APPROVAL OF THE ENGINEER

C7. DEPTH OF BEAMS ARE GIVEN FIRST AND INCLUDE SLAB THICKNESS

C8. SLABS AND BEAMS ARE TO BE POURED TOGETHER U.N.O

C9. MINIMUM COVER (mm) TO ALL REINFORCEMENT SHALL BE AS FOLLOWS U.N.O:

COLUMNS & PEDESTALS	25
BEAMS	30
FOOTINGS	50
SLABS	25

C10. REINFORCEMENT IS SHOWN DIAGRAMATICALLY AND NOT IN TRUE PROJECTION

C11. SYMBOLS ON THE DRAWING FOR REINFORCEMENT ARE AS FOLLOWS:
SL - HARD DRAWN DEFORMED GRADE 550 MPa STEEL WIRE REINFORCING FABRIC TO AS4671
N - GRADE 500 MPa DEFORMED REINFORCING BARS TO AS4671
R - GRADE 250 MPa PLAIN REINFORCING BARS TO AS4671
S - STRUCTURAL GRADE DEFORMED BARS TO AS4671
W - HARD DRAWN STEEL WIRE REINFORCING WIRE TO AS4671
TM - HARD DRAWN STEEL TRENCH MESH TO AS4671

C12. ALL REINFORCEMENT AND INSERTS SHALL BE SUPPORTED AND HELD IN THE DESIGN LOCATION BY APPROVED CHAIRS, SPACES OR TIES. BAR CHAIRS SHALL BE PLACED AT MINIMUM 1000 CRS IN TWO DIRECTIONS U.N.O

C13. WELDING AND THREADING OF REINFORCEMENT IS NOT PERMITTED WITHOUT THE APPROVAL OF THE ENGINEER

C14. REINFORCEMENT SHALL BE EVENLY DISTRIBUTED OVER THE WIDTHS SHOWN U.N.O

C15. AT SLAB EDGES INCLUDING CONSTRUCTION AND OTHER JOINTS AT LEAST ONE REINFORCING BAR OF FRABRIC WIRE SHALL BE LOCATED PARALLEL TO AND WITHIN 75mm OF THE SLAB EDGE

C16. CONSTRUCTION JOINTS SHALL BE PROPERLY FORMED AND USED ONLY WHERE APPROVED OR PERMITTED BY THE ENGINEER

C17. SAWN JOINTS SHALL BE MADE AT A TIME APPROPRIATE TO THE CONCRETE MIX AND CLIMATIC CONDITIONS - GENERALLY WITHIN 10 & 20 HOURS OF PLACING THE CONCRETE

C18. STRIPPING OF FORMS AND REMOVAL OF FORMWORK SHALL TAKE PLACE IN ACCORDANCE WITH A PROCEDURE AGREED WITH THE ENGINEER

C19. CONCRETE MUST BE SEPERATED FROM SUPPORTING BRICKWORK BY TWO LAYERS OF SUITABLE DEBONDING MEMBRANE, I.E MALTHOID

C20. SUSPENDED SLABS SHALL BE GIVEN AN UPWARD MID SPAN CAMBER OF 3mm PER 1000mm. BEAMS SHALL BE CAMBERED AS SHOWN ON DRAWINGS

C21. SPLICES IN REINFORCEMENT SHALL BE MADE IN THE POSITIONS SHOWN ON THE DRAWINGS OR AS OTHERWISE APPROVED BY THE ENGINEER

C22. HOLDING DOWN BOLTS SHALL BE SUPPLIED TO THE CONCRETOR FOR CASTING INTO THE CONCRETE AND SHALL BE INSTALLED IN ACCORDANCE WITH THE STEEL HOLDING DOWN BOLT PLAN SUPPLIED BY STEEL FABRICATOR

STRUCTURAL STEELWORK

S1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH AS4100

S2. FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AS4100 AND SAA/SNZ HB62

S3. HOT ROLLED AND WELDED PRODUCTS SHALL BE BHP - 300 PLUS AND PLATES SHALL BE GRADE 250 MATERIAL TUBULAR MEMBERS SHALL COMPLY WITH AS1163 U.N.O

S4. ALL WELDS SHALL BE CONTINUOUS FILLET WELD, SIZE 6mm, GP CATEGORY USING E41XX/W40X CONSUMABLES U.N.O

S5. ALL WELDING SHALL BE IN ACCORDANCE WITH AS1554

S6. BOLTS SHALL BE M16Ø 8.8/S U.N.O

S7. HOLDING DOWN BOLTS SHALL BE M16Ø 8.8/S, GALVANISED U.N.O

S8. CONNECTIONS NOT SPECIFICALLY DETAILED SHALL BE IN ACCORDANCE WITH THE APPROPRIATE CONNECTIONS DETAILED IN AISC STANDARDISED STRUCTURAL CONNECTIONS MANUAL

S9. ALL CLEAT PLATES AND STIFFENERS SHALL BE 10mm THICK U.N.O

S10. THE ENDS OF TUBULAR MEMBERS SHALL BE SEALED WITH A 8mm PLATE & 6mm CFW U.N.O

S11. TUBULAR MEMBERS TO BE GALVANISED SHALL BE ADEQUATELY VENTED

S12. PURLINS AND GIRTS SHALL BE IN ACCORDANCE WITH AS/NZS 4600 GALVANISED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS

S13. BEFORE COMMENCING FABRICATION COPIES OF THE SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW. THIS REVIEW DOES NOT REMOVE THE RESPONSIBILITY FOR THE INTERPRETATION OF THE DRAWINGS, DIMENSIONAL ACCURACY AND THE STEEL FABRICATION FROM THE STEEL FABRICATOR/BUILDER

S14. MINIMUM CAMBER TO BE 3mm PER METER LENGTH OF STEEL BEAMS OR AS NOTED ON THE DRAWINGS

S15. STRUCTURAL STEEL TO BE CONCRETE ENCASED SHALL BE WRAPPED WITH SL41 MESH. THE GAP BETWEEN THE STRUCTURAL STEEL AND THE MESH AND THE EXTERNAL COVER TO THE MESH TO BE 25mm AND 50mm RESPECTIVELY

S16. ALL BOLTS AND STRUCTURAL STEEL EXPOSED TO THE WEATHER TO BE HOT DIPPED GALVANISED U.N.O

S17. ALL STEEL LINTELS SUPPORTING MASONRY EXPOSED TO WEATHER TO BE HOT DIPPED GALVANISED U.N.O

S18. ALL STEELWORK BELOW GROUND SHALL BE ENCASED IN 75mm CLEAR COVER OF 20MPa CONCRETE. U.N.O

S19. ALL STEELWORK SHALL BE WIRE BRUSHED TO AS1627 AND PAINTED WITH ONE SHOP COAT OF APPROVED ZINC RICH PRIMER, U.N.O MEMBERS ENCASED IN CONCRETE, FIRE SPRAYED OR FRICTION GRIP BOLTED CONNECTIONS NOT TO BE PAINTED

S20. CONTRACTOR/BUILDER RESPONSIBLE FOR TEMPORARY BRACING AS REQUIRED TO STABILISE THE STRUCTURE DURING ERECTION UNTIL PREMANENT BRACING ELEMENTS ARE CONSTRUCTED

MASONRY

M1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3700

M2. MORTAR FOR GENERAL MASONRY CONSTRUCTION SHALL CONSIST OF 1 CEMENT, 1 HYDRATED LIME & 6 WELL GRADED SAND UNLESS OTHERWISE REQUIRED BY AS3700

M3. MASONRY TIES FOR CAVITY WALLS SHALL BE MEDIUM DUTY CLASSIFICATION SPACED AT NOT MORE THAN 600 CENTRES VERTICALLY AND HORIZONTALLY. ADDITIONAL TIES SHALL BE PLACED ADJACENT TO LATERAL SUPPORTS, CONTROL JOINTS AND AROUND OPENINGS AT A SPACING OF NOT MORE THAN 300, AND LOCATED NOT MORE THAN 300 FROM THE LINE OF SUPPORT, CONTROL JOINT OR PERIMETER OF OPENING

M4. MASONRY WHALL BE TIED TO COLUMNS AT 400 MAXIMUM VERTICAL CENTRES

M5. ALL CAVITIES BELOW GROUND LEVEL SHALL BE MORTAR OR GROUT FILLED

M6. VERTICAL CONTROL JOINTS SHALL COMPLY WITH TECHNICAL NOTE NO. 61 PUBLISHED BY THE CEMENT & CONCRETE ASSOCIATION OF AUSTRALIA CEMENT AND SHALL BE LOCATED AS DESCRIBED IN THAT PUBLICATION OR AS SHOWN ON THE ARCHITECTURAL DRAWINGS CONTROL JOINT SPACING SHALL NOT EXCEED 6.0m

REINFORCED MASONRY

R1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3700

R2. MORTAR TO CLAY MASONRY SHALL CONSIST OF 1 CEMENT, 1/4 HYDRATED LIME, 3 WELL GRADED SAND. CAVITY GROUT SHALL CONSIST OF 1 CEMENT, 2 & 1/2 SAND, 1 & 1/2 10mm AGGREGATE

R3. THERE SHALL BE A MINIMUM OF 15mm COVER OF GROUT AROUND ALL REINFORCEMENT

R4. THE TWO SKINS OF MASONRY SHALL BE BONDED TOGETHER WITH HEAVY DUTY MASONRY TIES AT MAXIMUM 600 CENTRES

R5. CLEAN OUT PORTS SHALL BE PROVIDED FOR EACH POUR BY LEAVING OUT TWO UNITS AT THE BOTTOM OF EACH SECTION TO BE GROUTED. DURING WORK, MORTAR FINS AND ANY OTHER MATERIAL SHALL BE REMOVED FROM THE CAVITY GROUT SPACE. THE PORTS SHALL BE SEALED WITH SIMILAR MASONRY UNITS AFTER INSPECTION AND BEFORE GROUTING

R6. THE REINFORCEMENT CAVITY SHALL BE NOT LESS THAN 75mm IN WIDTH U.N.O

R7. MORTAR SHALL CURE FOR THREE DAYS BEFORE POURING CAVITY GROUT

R8. CAVITY GROUTING SHALL BE DONE IN LIFTS NOT EXCEEDING 300mm PER 12 HOUR PERIOD AND RODDED INTO POSITION

SITE WORKS AND SITE MAINTENANCE

W1. ADEQUATE DRAINAGE SHALL BE PROVIDED TO PREVENT WATER PONDING OR COLLECTING ADJACENT TO THE WORKS

W2. TRENCHES UNDER OR ADJACENT TO THE WORKS SHALL BE BACKFILLED WITH COMPACTED CLAY OR CONCRETE

W3. TRENCHES PARALLEL TO THE EDGE OF THE STRUCTURE SHALL BE OFFSET A DISTANCE AT LEAST EQUAL TO THE DEPTH OF THE TRENCH EXCAVATION

W4. ROOF GUTTERS, DOWNPIPES, STORMWATER AND SEWERAGE DRAINAGE SHALL BE MAINTAINED TO PREVENT OVERFLOWS. ANY LEAKS SHALL BE PROMPTLY REPAIRED

W5. THE PLANTING OF TREES AND LARGE SHRUBS AND GENERAL SITE MAINTENANCE SHALL COMPLY WITH THE REQUIREMENTS OF AS2870 AND CSIRO PUBLICATION SHEET 'BTF16 FOUNDATION MAINTENANCE AND FOOTING PERFORMANCE - A HOMEOWNERS GUIDE'. IT IS THE BUILDERS RESPONSIBILITY TO ENSURE THAT THE OWNER IS INFORMED OF THESE REQUIREMENTS

DRAINAGE (ADDITIONAL REQUIREMENTS FOR CLASSES M, H1, H2 & E SITES

D1. SURFACE DRAINAGE OF THE SITE SHALL BE CONTROLLED FROM THE START OF SITE PREPARATION AND CONSTRUCTION, THE DRAINAGE SYSTEM SHALL BE COMPLETED BY THE FINISH OF CONSTRUCTION.

D2. THE BASE OF TRENCHES SHALL BE SLOPED AWAY FROM THE BUILDING. TRENCHES SHALL BE BACKFILLED WITH CLAY IN THE TOP 300mm WITHIN 1.5m OF THE BUILDING. THE CLAY USED FROM BACKFILLING SHALL BE COMPACTED. WHERE PIPES PASS UNDER THE FOOTING SYSTEM, THE TRENCH SHALL BE BACKFILLED FULL DEPTH WITH CLAY OR CONCRETE TO RESTRICT WATER INGRESS.

D3. WHERE PIPES PASS UNDER THE FOOTING SYSTEM, THE TRENCH SHALL BE BACKFILLED FULL DEPTH WITH CLAY TO ACT AS A BARRIER TO THE INGRESS OF WATER BENEATH THE FOOTING SYSTEM. ALTERNATIVELY A PLASTIC MEMBRANE ACROSS THE CROSS-SECTION OF THE TRENCH TAPED TO THE PIPE AND KEYED INTO THE SIDES AND BASE OF THE TRENCH MAY BE USED.

D4. SUBSURFACE DRAINS TO REMOVE GROUNDWATER SHALL NOT BE USED WITHIN 1.5m OF THE BUILDING UNLESS DESIGNED BY AN ENGINEER

DRAWING LIST

REV	DATE	DESCRIPTION
A	09/10/24	FIRST ISSUE

G C GEBERT
CONSULTING ENGINEERS PTY LTD
CIVIL AND STRUCTURAL ENGINEERS
1/1449 POINT NEPEAN ROAD
PO BOX 560 ROSEBUD, VICTORIA 3939
P; 0359 812902 M; 0448 444 151 E; eng@gcgebert.com.au

PROJECT
PROPOSED ADDITIONS
38 VALLEY DRIVE, RYE

CLIENT
TAYLOR

DRAWING
NOTESHEET & DRAWING LIST

DRAWN	CHKD	DATE	SCALE	PROJECT NO.	DWG NO.	REV.
CL		OCT'24	1:100	G8805	S1	A

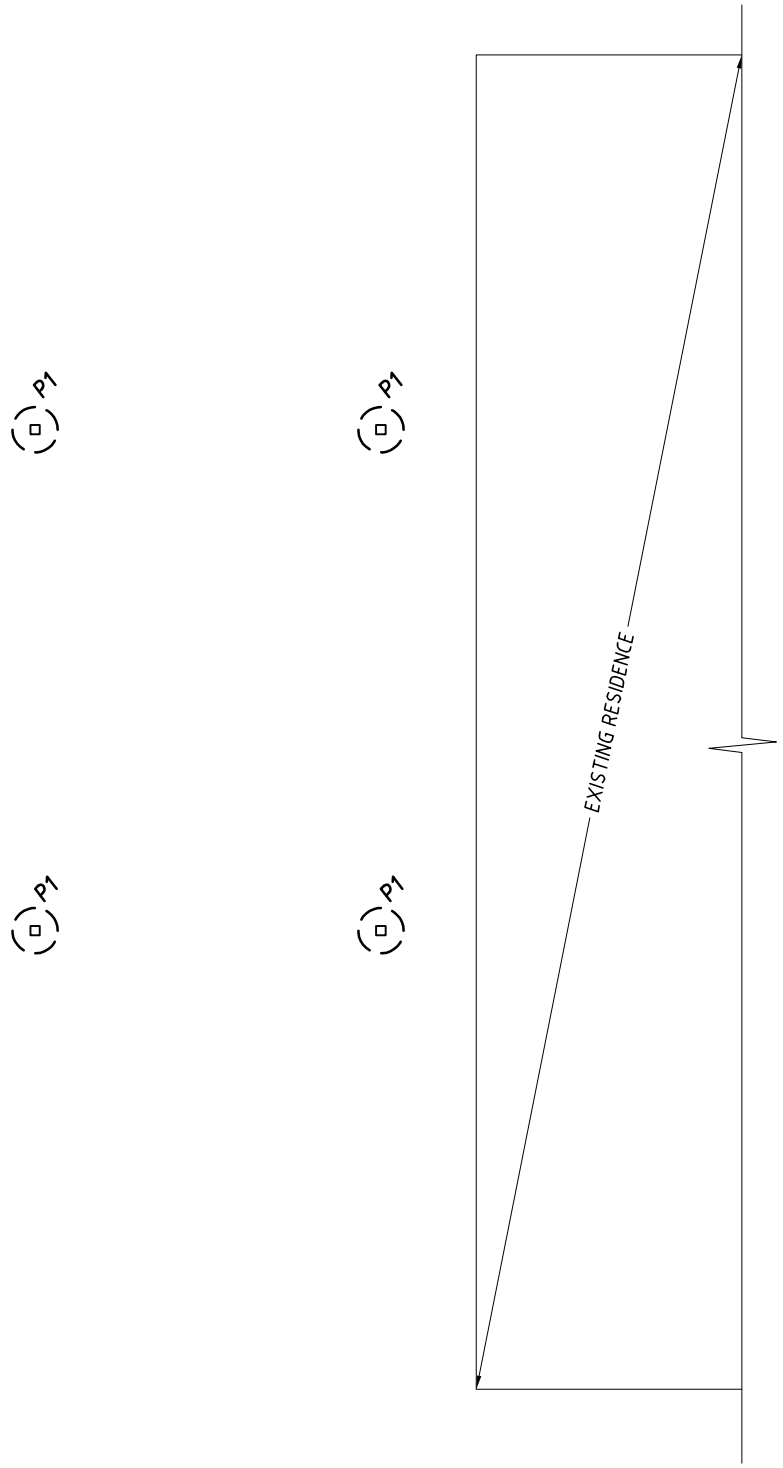
TIMBER FRAMING & BRACING IN ACCORDANCE WITH AS1684 'RESIDENTIAL TIMBER FRAMED CONSTRUCTION'

ALL EXPOSED STEEL TO BE HOT DIPPED GALVANISED

ALL EXPOSED TIMBER TO BE TREATED OR DURABLE SPECIES

SITE CLASSIFICATION ASSUMED CLASS 'S' – STABLE ALL SAND TO BE CONFIRMED ONSITE BY BUILDER

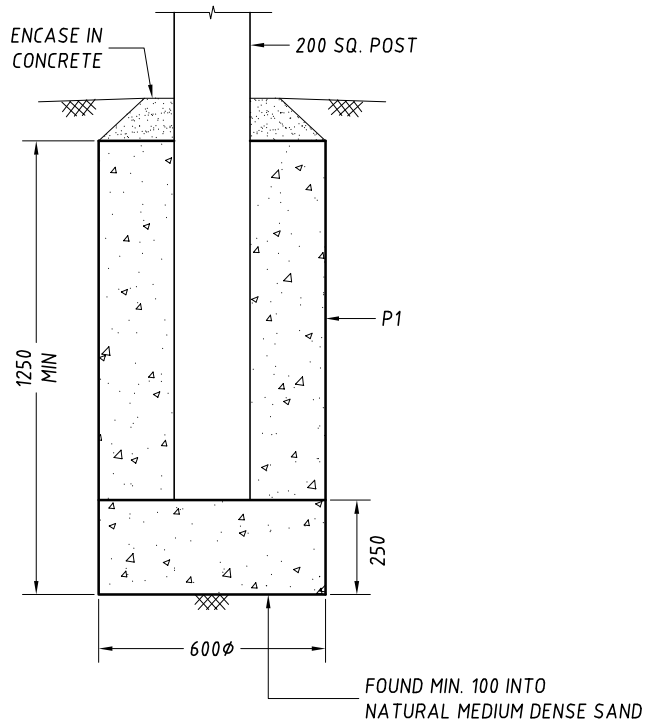
CONCRETE MIN. STRENGTH 25 MPa FOR SLABS & FOOTINGS



FOOTING PLAN

SCALE 1:100

FOOTING SCHEDULE	
MARK	DESCRIPTION & REMARKS
P1	600Ø x 1250 MIN. DEEP CONCRETE PAD FOOTING SUPPORTING CYPRESS POST OVER FOUND MIN. 100 INTO NATURAL MEDIUM DENSE SAND



PAD P1 TYPICAL DETAIL

SCALE 1:20

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PROJECT
PROPOSED ADDITIONS
38 VALLEY DRIVE, RYE

CLIENT
TAYLOR

DRAWING
FOOTING PLAN

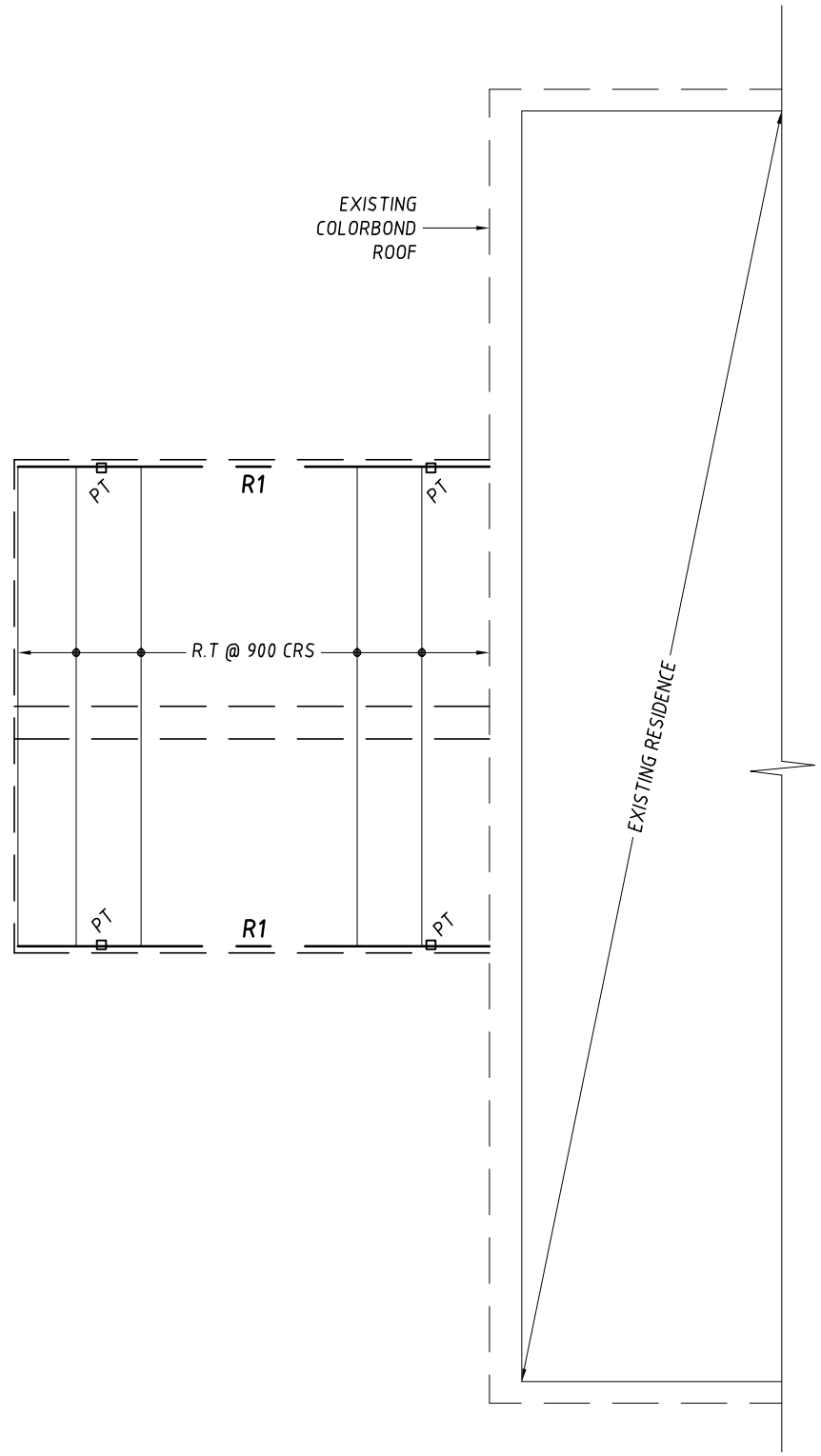
DRAWN	CHKD	DATE	SCALE	PROJECT NO.	DWG NO.	REV.
CL		OCT'24	1:100	G8805	S2	A

TIMBER FRAMING & BRACING IN ACCORDANCE WITH AS1684 'RESIDENTIAL TIMBER FRAMED CONSTRUCTION'

ALL EXPOSED STEEL TO BE HOT DIPPED GALVANISED

ALL EXPOSED TIMBER TO BE TREATED OR DURABLE SPECIES

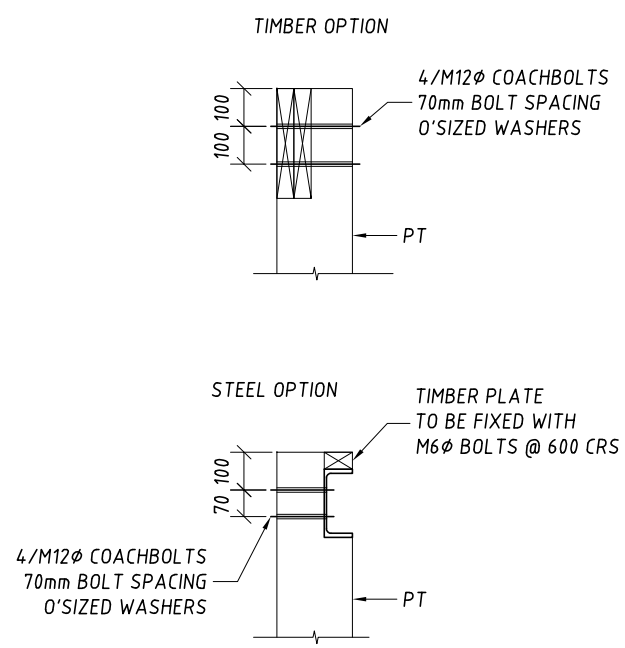
DESIGNED FOR ULTIMATE WIND SPEED - 45 m/s (Vult)



ROOF FRAMING PLAN

SCALE 1:100

MEMBER SCHEDULE	
MARK	DESCRIPTION & REMARKS
R1	2/290 x 45 F27 MERBEAU OR SIMILAR F27 STEEL OPTION - 180 PFC 1250 MAX CANTILEVER, 5400 BACKSPAN
R.T	ROOF TRUSSES @ 900 CRS TO MANFUACTURERS DESIGN
PT	200 x 200 CYPRESS POST



R1 TO PT

SCALE 1:20

REV	DATE	DESCRIPTION
A	09/10/24	FIRST ISSUE

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PROJECT
PROPOSED ADDITIONS
38 VALLEY DRIVE, RYE

CLIENT
TAYLOR

DRAWING
ROOF FRAMING PLAN

DRAWN	CHKD	DATE	SCALE	PROJECT NO.	DWG NO.	REV.
CL		OCT'24	1:100	G8805	S3	A