

CONSTRUCTION NOTES

- 1

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANT'S DRAWINGS AND SPECIFICATIONS AND WITH OTHER SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ALL DISCREPANCIES SHALL BE REFERRED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- 2

NO RESPONSIBILITY WILL BE TAKEN FOR DIMENSIONS OBTAINED BY SCALING THESE STRUCTURAL DRAWINGS.
- 3

ALL DIMENSIONS SHALL BE VERIFIED ON SITE BY THE CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THEIR CORRECTNESS.
- 4

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURE AND NEIGHBOURING STRUCTURES IN A SAFE AND STABLE CONDITION DURING CONSTRUCTION. NO PART SHALL BE OVER STRESSED.
- 5

ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT S.A.A. CODES, B.C.A. AND THE BY-LAWS AND ORDINANCES OF THE RELEVANT GOVERNMENT AUTHORITY.
- 6

THE STRUCTURAL WORK SHOWN ON THE THESE DRAWINGS HAS BEEN DESIGNED FOR THE FOLLOWING DESIGN LOADS:

i)

IMPOSED LOADS:

GENERAL

= 1.5 kPa

GARAGE

= 2.5 kPa

ii)

WIND LOADS:

REGIONAL WIND SPEED Vr

= 57m/s

TERRAIN CATEGORY

= TC2.5

SHEILDING CLASSIFICATION

= PS

TOPOGRAPHIC CLASSIFICATION

= T1

WIND CLASSIFICATION

= N3
- INSPECTION AND CERTIFICATION REQUIREMENTS
- 1

FOR FINAL CERTIFICATION TO BE PROVIDED BY COZENS REGAN WILLIAMS PROVE PTY. LTD. ALL THE STRUCTURAL ELEMENTS AS LISTED BELOW BUT NOT LIMITED TO, SHALL BE INSPECTED BY A QUALIFIED ENGINEER FROM COZENS REGAN WILLIAMS PROVE PTY. LTD. :

i

- BORED PIERS.

ii

- FOOTINGS AND SLABS ON GROUND.

iii

- REINFORCED MASONRY / RETAINING WALLS.

iv

- CONCRETE COLUMNS / WALLS.

v

- SUSPENDED CONCRETE SLABS / BEAMS / STAIRS.

vi

- PRECAST CONCRETE

vii

- STRUCTURAL STEELWORK.

viii

- BALUSTRADES.

ix

- TIMBER FRAMING.

x

- BRACING AND TIE DOWN.

xi

- BOULDER RETAINING WALLS.
- ITEMS - i to vi - SHALL BE INSPECTED AFTER PLACEMENT OF REINFORCEMENT AND PRIOR TO CONCRETE POUR.
ITEMS -vii to ix - SHALL BE INSPECTED PRIOR TO CLADDING.
ITEM - viii - SHALL BE INSPECTED WHERE CORE HOLES ARE USED, THE CORE HOLES PRIOR TO BALUSTRADE INSTALLATION.
ITEM - xi - SHALL BE INSPECTED PRIOR TO PLACEMENT OF ROCKS, 1/2 HEIGHT OF WALL AND COMPLETED WALL.
- 2

ALL INSPECTIONS REQUIRE 24 HOURS MINIMUM NOTICE.

3

IF IN DOUBT OF INSPECTION REQUIREMENTS ASK.
- FOUNDATIONS
- STRIP FOOTINGS :

1

FOUNDATION MATERIAL SHALL BE APPROVED FOR AN ALLOWABLE BEARING INTENSITY OF 100 kPa IMMEDIATELY PRIOR TO PLACING CONCRETE. WITHSTANDING THIS, THE UNDERSIDE OF ALL FOOTINGS SHALL BE 100 kPa. GENERALLY.

PAD FOOTINGS :

FOUNDATION MATERIAL SHALL BE APPROVED FOR AN ALLOWABLE BEARING INTENSITY OF 100 kPa IMMEDIATELY PRIOR TO PLACING CONCRETE. WITHSTANDING THIS, THE UNDERSIDE OF ALL FOOTINGS SHALL BE 100 kPa. GENERALLY.

2

ALL FILL UNDER FOOTINGS AND SLABS SHALL BE COMPACTED IN LAYERS NOT GREATER THAN 150mm TO 98% STANDARD COMPACTION FOR COHESIVE MATERIALS OR A DENSITY INDEX OF NOT LESS THAN 70% FOR NON COHESIVE MATERIALS.
LEVEL 1 TESTING REGIME SHALL BE CONDUCTED ON ALL COMPACTED FILL BY A QUALIFIED GEOTECHNICAL ENGINEER IN ACCORDANCE WITH AS. 3798 - 1996 AT BUILDERS EXPENSE. ALL COMPACTED FILL SHALL BE CERTIFIED AS CONTROLLED FILL.

6

FOR SLABS ON GROUND, ALL TOPSOIL AND UPPER STRATA CONTAINING ORGANIC MATTER SHALL BE REMOVED AND REPLACED BY APPROVED FILLING MATERIAL .
LEVEL 1 TESTING REGIME SHALL BE CONDUCTED ON ALL COMPACTED FILL BY A QUALIFIED GEOTECHNICAL ENGINEER IN ACCORDANCE WITH AS. 3798 - 1996 AT BUILDERS EXPENSE. ALL COMPACTED FILL SHALL BE CERTIFIED AS CONTROLLED FILL.

7

FOOTING SYSTEM SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED BASED ON THE RECOMMENDATIONS MADE IN EXPRESS SOIL TESTING SOIL REPORT No. 202212122 DATED 15.12.2022 FOOTINGS HAVE BEEN DESIGNED FOR SITE CLASSIFICATION ' P/M '

8

DESIGN FOOTING SYSTEM IS RAFT SLAB IN ACCORDANCE WITH AS.2870.

9

SITE DRAINAGE SHALL MEET THE REQUIREMENTS OF APPENDIX B OF AS.2870.

10

IT SHALL BE THE BUILDERS RESPONSIBILITY TO ENSURE THE OWNERS OF THE RESIDENCE ARE AWARE OF THE MAINTENANCE REQUIREMENTS OF APPENDIX B OF AS.2870 AND SHALL PROVIDE A COPY OF CSIRO PAMPHLET, 10-91, "GUIDE TO HOME OWNERS ON FOUNDATION MAINTENANCE AND FOOTING PERFORMANCE".
- DRAWING SCHEDULE
- | DRAWING NUMBER | TITLE |
|----------------|---------------------------|
| S0.0 | GENERAL NOTES - Sheet 1 |
| S0.1 | GENERAL NOTES - Sheet 2 |
| S0.2 | GENERAL NOTES - Sheet 3 |
| S1.0 | FOOTING PLAN |
| S1.1 | FOOTING DETAILS - Sheet 1 |
| S2.0 | FRAMING PLAN |
| S3.0 | BRACING PLAN |
- | | | | | | | | |
|-----------------------------|--|--|---|--|--------------------|------------------------|-------------------|
| SCALES SHOWN ARE AT A3 SIZE | | | | <div><div><div></div><div>COZENS
REGAN</div><div>CONSULTING ENGINEERS • CIVIL • STRUCTURAL</div></div><div><div>SUITE 7 ADVANCE BUSINESS CENTRE
39 LAWRENCE DRIVE NERANG
PO BOX 2711 NERANG QLD 4211
P: (07) 5578 4100
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E: mail@cozreg.com.au
W: www.cozreg.com.au</div><div><div>CONSULT AUSTRALIA</div><div>Member Firm</div></div></div></div> | DESIGNED
R.J.P. | CLIENT
SCOTT WATSON | JOB NO.
220942 |
| | DRAWN
Cosdraw | PROJECT
PROPOSED SHED
7 ROEBIG ST, ASPLEY
GENERAL NOTES - Sheet 1 | DRAWING NO.
S0.0 | | | | |
| | CHECKED
R.J.P. | | ISSUE | | | | |
| | APPROVED FOR AND ON BEHALF OF
COZENS REGAN GROUP PTY LTD
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CONCRETE

- 1

ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS.3600, CURRENT EDITION WITH AMENDMENTS.
- 2

CONCRETE QUALITY (UNLESS SHOWN OTHERWISE):
CEMENT SHALL BE TYPE 'A' NORMAL PORTLAND CEMENT.
SIZE OF COARSE AGGREGATE SHALL BE 20 mm. U.N.O.
CONCRETE SHALL HAVE THE FOLLOWING SLUMP DURING PLACING:
- BEAMS, SLABS AND FOOTINGS _ _ _ _ _ 80 mm.
- ADMTXURES SHALL NOT BE USED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

ELEMENT	CONCRETE STRENGTH	SPECIAL REQUIREMENTS
FOOTINGS	N20 U.N.O.	(80 SLUMP)
SLAB ON GROUND	N20 U.N.O.	(80 SLUMP)

STRENGTH SHALL BE VERIFIED BY PROJECT CONTROL TESTING IN ACCORDANCE WITH AS. 3600

3

CLEAR CONCRETE COVER TO REINFORCEMENT INCLUDING TIES AND STIRRUPS, UNLESS SHOWN OTHERWISE, SHALL BE:

ELEMENT	FORMED & SHELTERED	FORMED & EXPOSED	NO FORMWORK
SLABS	20mm	45mm	
BEAMS	40mm	45mm	
WALLS	30mm	45mm	
COLUMNS	40mm	45mm	
FOOTINGS	50mm	50mm	

COVER TO REINFORCEMENT SHALL BE OBTAINED BY THE USE OF CONCRETE OR PLASTIC BAR CHAIRS FOR BOTTOM REINFORCEMENT AND PLASTIC TIPPED WIRE BAR CHAIRS FOR TOP REINFORCEMENT. ALL CHAIRS SHALL BE SPACED AT MAXIMUM 800mm CENTRES EACH WAY. U.N.O. ALL BAR CHAIRS SHALL BE PLASTIC IN ALL EXTERNAL SLABS. ALL BAR CHAIRS DIRECTLY PLACED ON SUBGRADE SHALL BE SUPPORTED BY METAL PANS.

4

REINFORCEMENT SYMBOLS:
"S" :GRADE 230S HOT ROLLED DEFORMED BAR TO AS.1302
"N" :GRADE 500N HOT ROLLED DEFORMED BAR TO AS.1302
"R" :GRADE 230R HOT ROLLED PLAIN BAR TO AS.1303
"W" :HARD DRAWN PLAIN WIRE TO AS.1303

5

REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND IS NOT NECESSARILY SHOWN IN TRUE PROJECTION.

6

SPICES IN REINFORCEMENT SHALL BE MADE ONLY IN THE POSITIONS SHOWN. THE WRITTEN APPROVAL OF THE ENGINEER SHALL BE OBTAINED FOR ANY OTHER SPLICES. WHERE THE LAP LENGTH IS NOT SHOWN IT SHALL BE SUFFICIENT TO DEVELOP THE FULL STRENGTH OF THE REINFORCEMENT.

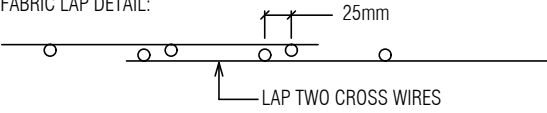
LAP LENGTHS: (MINIMUM U.N.O.)

BAR SIZE	LAP LENGTH	BAR SIZE	LAP LENGTH
N10	375	N24	900
N12	450	N28	1050
N16	600	N32	1200
N20	750	N36	1350

7

WELDING OF THE REINFORCEMENT WILL NOT BE PERMITTED UNLESS SHOWN ON THE STRUCTURAL DRAWINGS.

8

FABRIC LAP DETAIL:


9

SLAB REINFORCEMENT SHALL EXTEND AT LEAST 65mm ONTO MASONRY SUPPORT WALLS UNLESS SHOWN OTHERWISE.

10

CONCRETE SIZES SHOWN ARE MINIMUM 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.

11

TRIM ALL PENETRATION GREATER THAN 300 mm WITH 2/N12 BARS EACH SIDE AND DISPLACE REINFORCEMENT EITHER SIDE.

12

PIPES OR CONDUITS SHALL NOT BE PLACED WITHIN THE CONCRETE COVER TO REINFORCEMENT WITHOUT THE APPROVAL OF THE ENGINEER.

13

NO HOLES OR CHASES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

14

CONSTRUCTION JOINTS, WHERE NOT SHOWN, SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER.

15

ALL CONCRETE SHALL BE COMPACTED USING HIGH FREQUENCY VIBRATORS.

16

ALL SLABS SHALL BE PLACED AT THE SAME TIME AS BEAMS OF WHICH THEY FORM PART.

17

CURINGS OF ALL CONCRETE SURFACES SHALL COMMENCE IMMEDIATELY AFTER SURFACES ARE FINISHED AND SHALL CONTINUE FOR A MINIMUM OF 7 DAYS. CURING METHODS SHALL BE EITHER CHEMICAL, WATER SATURATED CONCRETE SEALED IN CLEAR PLASTIC OR FLOODING.

18

SLABS WITH SPECIFIED ROUGH FINISH ARE TO BE KEPT FREE OF BLEED WATER AND FLOATED TO PREVENT THE FORMATION OF PLASTIC SHRINKAGE CRACKS.

19

AN ALIPHATIC ALCOHOL EVAPORATION RETARDANT SHALL BE USED ON ALL SLABS IMMEDIATELY AFTER FIRST SCREED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. AN ALIPHATIC ALCOHOL SHALL BE USED TO AID THE FINISHING OF THE CONCRETE SURFACE, WATER SHALL NOT BE USED. THIS IS AN ADDITIONAL REQUIREMENT TO CURING.

20

SLAB, BEAM AND COLUMN FORMWORK FINISH SHALL BE MINIMUM CLASS 2. PATCH AS REQUIRED TO SUIT ARCHITECTURAL FINISHES.

21

ALL DRILL & EPOXY REBARS SHALL BE APPROVED BY INSPECTING ENGINEER U.N.O. EPOXY SHALL BE RAMSET EPOXY CHEMSET 800 SERIES OR HILTI - RE 500 INJECTION ADHESIVE OR APPROVED EQUIVALENT.

22

THE BEDDING SYSTEM FOR BRITTLE COVERINGS USED OVER AN AREA GREATER THAN 16m² SHALL BE IN ACCORDANCE WITH AS2870 CL 5.3.7 (B) OR THE SLAB REINFORCEMENT SHALL BE IN ACCORDANCE WITH AS2870 CL 5.3.7 (a)

TIMBER

T1

ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS.1720.1, CURRENT EDITION WITH AMENDMENTS.

T2

ALL UNSEASONED TIMBER SHALL BE JOINT GROUP J2 AND ALL SEASONED TIMBER SHALL BE JOINT GROUP JD4, UNLESS NOTED OTHERWISE.

T3

ALL EXTERNAL FASTENERS INCLUDING NUTS, BOLTS, WASHERS AND NAILS SHALL BE HOT DIP GALVANISED. ANY FIXINGS WITHIN 500m OF OPEN OCEAN SHALL BE STAINLESS STEEL.

T4

NOMINALLY FIX TIMBER MEMBERS IN ACCORDANCE WITH AS. 1684.2 MANUAL APPROPRIATE TO N3 WIND CLASSIFICATION, UNLESS NOTED OTHERWISE. FIXING SHOWN ON DRAWINGS ARE ADDITIONAL TO NOMINAL FIXING.

T5

WASHERS TO BOLTED TIMBER CONNECTIONS TO HEAD AND NUT SHALL BE AS FOLLOWS:
M12 BOLTS 50 x 50 x 3.0 H.D.G.
M16, M20 BOLTS 65 x 65 x 5.0 H.D.G.

T6

BOLTS SHALL BE HEXAGONAL HEAD 4.6/S BOLTS, (H.D.G.) UNLESS NOTED OTHERWISE. CUP HEAD BOLTS SHALL NOT BE USED UNLESS SPECIFICALLY NOTED.

T7

PRE DRILL TIMBER TO 80% OF NAIL DIAMETER WHERE NECESSARY TO AVOID SPLITTING.

T8

NAILS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE PENETRATION INTO THE RECEIVING MEMBER IS AT LEAST 10 NAIL DIAMETERS INTO SIDE GRAIN AND 15 NAIL DIAMETERS INTO END GRAIN.

T9

STUDS, TOP AND BOTTOM PLATES SHALL NOT BE NOTCHED OR TRENCHED.

T10

ALL JAMB STUDS AND STUDS UNDER CONCENTRATED LOADS SHALL BE TO TIMBER MANUFACTURERS DESIGN AND CERTIFICATION U.N.O.

T11

PRESERVATIVE TREATMENT:
- ALL TIMBERS TO HAVE THE NECESSARY PRESERVATIVE TREATMENT APPROPRIATE TO THE SPECIES AND USAGE AS SPECIFIED IN AS. 1604. ALL TREATED TIMBERS TO HAVE VISIBLE MARKS THAT ARE ABLE TO BE SEEN DURING THE FRAMING INSPECTION.

T12

TERMITE PROTECTION:
- ALL CONSTRUCTION WORK SHOULD BE IN ACCORDANCE WITH AS.3660.1- PROTECTION OF BUILDINGS FROM SUBTERRANEAN TERMITES PART 1: NEW BUILDINGS. IF THE REQUIREMENTS IN THIS CODE ARE UNABLE TO BE MET, STRUCTURAL ENGINEER RECOMMENDS THE USE OF TERMITE RESISTANT STRUCTURAL TIMBER IN ACCORDANCE WITH AS. 1604 AS SHOWN BELOW:

ENVIRONMENT	CLASS
INTERIOR ABOVE GROUND	HAZARD LEVEL H2
EXTERIOR ABOVE GROUND	HAZARD LEVEL H3
EXTERIOR IN GROUND	HAZARD LEVEL H5

T14

EXTERNAL TIMBER SHALL BE DURABILITY CLASS 1 (ABOVE GROUND) WITH ALL SAP WOOD H3 TREATED. HARDWOOD TO AS. 1720.2 OR IMPREGNATED PINE PRESSURE H3 TREATED TO AS. 1604 AND PRE-DRIED PRIOR TO USE. SUPPLEMENTRY TREATMENT SHALL BE APPLIED TO ALL CUT SURFACES. SUPPLY SUPPORTING DOCUMENTATION REGARDING PRESERVATIVE TREATMENT IF REQUESTED.

T15

ALL TIMBER JOINTS AND NOTCHES ARE TO BE A 100mm MINIMUM AWAY FROM ANY LOOSE KNOTS, SEVERE SLOPING GRAIN, GUM VEINS OR OTHER DEFECTS.

T16

GLUE LAMINATED TIMBER SHALL BE MANUFACTURED IN ACCORDANCE WITH AS. 1328. ENGINEERED TIMBER PRODUCTS SUCH AS BUT NOT LIMITED TO GLUE LAMINATED BEAMS SHALL NOT BE USED IN AN EXTERNAL ENVIRONMENT WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER & THE INSTALLATION BEING IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND RECOMMENDED BUILDING PRACTICES FOR ENGINEERED TIMBER PRODUCTS.

T17

CAMBER IN BEAMS OR RAFTERS SHALL BE AS NOTED ON THESE STRUCTURAL DRAWINGS OR BEAMS/RAFTERS SHALL BE INSTALLED WITH NATURAL HOG UP.

T18

ALL PROPRIETARY FIXINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. ALL METAL FIXINGS SHALL BE COMPATIBLE WITH TIMBER GLUES AND PRESERVATIVE TREATMENTS.

T19

ALL METAL FIXINGS & BRACING SHALL BE FIXED USING FLAT HEAD CONNECTOR NAILS. CLOUTS SHALL NOT BE USED UNDER ANY CIRCUMSTANCES.

T20

NO PENETRATIONS OR NOTCHES OTHER THAN THOSE SHOWN ON THESE STRUCTURAL DRAWINGS SHALL BE MADE IN ANY TIMBER MEMBERS WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER.

T21

ALL TIMBER SHALL BE PROTECTED FROM THE ELEMENTS DURING FABRICATION AND CONSTRUCTION BY THE APPLICATION OF AN APPROVED WATERPROOF TIMBER PRESERVATIVE. PROPOSALS SHALL BE SUBMITTED TO THE ENGINEER.

T22

ALL EXPOSED LINES OF BOLTS SHALL BE EVENLY AND EQUALLY SPACED UNO. AND SHALL ALIGN WITH ADJACENT EXPOSED BOLT GROUPS.

T23

ALL ACCESSIBLE BOLTS ARE TO BE RETIGHTENED AND ALL NAILS REDRIVEN AS CLOSE TO COMPLETION OF CONTRACT AS POSSIBLE AND AGAIN AT THE END OF THE DEFECTS LIABILITY PERIOD. ALL OTHER BOLTS SHALL BE TIGHTENED IMMEDIATELY PRIOR TO BEING BUILT-IN.

T24

NON-LOADBEARING TIMBER FRAMED WALLS SHALL FINISH 10mm SHORT OF THE ROOF FRAMING AND SHALL BE Laterally RESTRAINED USING 'PRYDA PHL' BRACKETS WITH SLOTTED HOLES AT 1800 MAXIMUM CENTRES IN ACCORDANCE WITH AS. 1684.

T25

FOR THE TREATMENT OF TIMBER PRODUCTS WITH REGARD TO ON SITE HANDLING & PROTECTION, WEATHER EXPOSED APPLICATIONS AND SEALING PAINTING OR VARNISHING, REFER TIMBER SUPPLIERS TECHNICAL DATA SHEETS.

T26

JOISTS INCLUDING PREFABRICATED FLOOR TRUSSES SHALL BE RESTRAINED BY NOGGINGS IN ACCORDANCE WITH AS.1684 AND MANUFACTURERS SPECIFICATIONS AND DETAILS.

T27

ALL EXTERNAL CLADDING SHALL EXTEND A MINIMUM OF 25mm BELOW THE LOWEST STRUCTURAL TIMBER FLOOR MEMBER. SHOULD THIS NOT OCCUR IN ANY AREA, THE STRUCTURAL ENGINEER MUST BE NOTIFIED IMMEDIATELY.

T28

TIMBER WHERE PAINTED OR EXPOSED SHALL BE DRESSED/ PREPPED IN ACCORDANCE WITH ARCHITECT'S SPECIFICATIONS/ REQUIREMENTS (SPECIFICALLY RIBBED TIMBER) BUILDER SHALL LIAISE WITH ARCHITECT FOR SPECIFIC REQUIREMENTS.

TIMBER ROOF TRUSSES

TR1

ROOF TRUSSES ARE A PROPRIETARY ELEMENT AND THE DESIGN OF THE ROOF TRUSSES, ANCHORAGES AND LATERAL RESTRAINT OF THE TRUSSES IS THE RESPONSIBILITY OF THE CONTRACTOR. DESIGN DRAWINGS, INSTALLATION INSTRUCTIONS AND RELEVANT MANUFACTURER'S DATA SHALL BE KEPT ON SITE TO BE USED DURING ERECTION.

TR2

TRUSS MANUFACTURER IS TO ASSESS THE WEIGHT OF ROOF SYSTEM AND IS TO COORDINATE WITH THE SERVICES CONTRACTOR TO ENSURE TRUSSES ARE DESIGNED FOR SPECIFIC EQUIPMENT LOADS.

TR3

MAXIMUM DIFFERENTIAL DEFLECTION BETWEEN SIMILAR POSITIONS ON ADJACENT TRUSSES NOT TO EXCEED 5mm. DESIGN AND DETAIL ANY TRUSS CHORD AND FASCIA BOARD STIFFENING ELEMENTS AT THE CANTILEVER CORNER SECTIONS OF THE ROOF, INCLUDING CONNECTIONS.

TR4

TIMBER TRUSSES ARE TO BE PRE-CAMBERED AN AMOUNT EQUAL TO DEAD LOAD DEFLECTION.

TR5

AN INDICATIVE TRUSS LAYOUT HAS BEEN PROVIDED FOR CEILING PENETRATION COORDINATION. THE FINAL LAYOUT WILL BE TO TRUSS MANUFACTURER'S DESIGN. TRUSS MANUFACTURER IS TO LIAISE WITH MECHANICAL CONTRACTOR TO COORDINATE ACCESS THROUGH TRUSSES.

TR6

THE TRUSS MANUFACTURER SHALL PROVIDE WRITTEN CERTIFICATION FOR THE DESIGN OF THE TRUSS SYSTEM CONFIRMING THAT IT IS IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS. THE CERTIFICATION SHALL INCLUDE:
- VERIFICATION OF DESIGN LOADS
- VERIFICATION OF SOFTWARE USED FOR DESIGN
- REFERENCED DRAWINGS
- REFERENCED INSTALLATION INSTRUCTIONS

TR7

PROVIDE STRUCTURAL CERTIFICATION BY A REGISTERED STRUCTURAL ENGINEER FOR THE DESIGN OF THE TRUSSES, BRACING AND ASSOCIATED DETAILS.

TR8

ON COMPLETION, THE BUILDER SHALL PROVIDE CERTIFICATION BY A REGISTERED STRUCTURAL ENGINEER THAT TRUSSES, BRACING ANCHORAGES AND LATERAL RESTRAINTS HAVE BEEN INSTALLED IN ACCORDANCE WITH THE INTENT OF THE DESIGN DOCUMENTS AND AS. 4440.

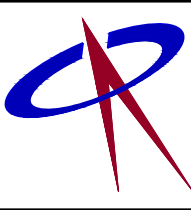
TR9

UNLESS NOTED OTHERWISE, PROVIDE 2/45 x 90 MGP10 DOUBLE STUDS UNDER THE ENDS OF ALL GIRDER TRUSSES, BEAMS AND LINTELS.

TR10

TRUSS MANUFACTURER SHALL COORDINATE ALL STEPS IN TRUSSES FOR CURTAIN RELIEFS WITH ARCHITECTS DRAWINGS.

SCALES SHOWN ARE AT A3 SIZE				
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DRAWN	Cosdraw
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APPROVED FOR AND ON BEHALF OF COZENS REGAN GROUP PTY LTD	 4028

CLIENT	SCOTT WATSON
PROJECT	PROPOSED SHED 7 ROEBIG ST, ASPLEY GENERAL NOTES - Sheet 2

JOB NO.	220942
DRAWING NO.	S0.1
ISSUE	A

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STEELWORK

- S1

ALL WORKMANSHIP, MATERIALS AND ERECTION OF STRUCTURAL STEELWORK SHALL BE IN ACCORDANCE WITH AS.4100 AND AS.1554 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- S2

UNLESS SHOWN OTHERWISE ALL STEEL SHALL BE IN ACCORDANCE WITH AS.3679.1 FOR HOT ROLLED SECTIONS, AS.1163 FOR STEEL HOLLOW SECTIONS.
- S3

THESE DRAWINGS HAVE BEEN PREPARED TO INDICATE THE STRUCTURAL INTENT. THE SHOP DETAILER IS TO USE THESE DRAWINGS AS A BASIS FOR DIMENSIONAL COORDINATION WITH OTHER CONSULTANTS DRAWINGS AND IS TO PREPARE DETAILED SHOP DRAWINGS WHERE NECESSARY. THE SHOP DETAILER IS TO MAKE ASSUMPTION AND SUBMIT TO THE STRUCTURAL ENGINEER FOR RESOLUTION. SHOP DETAILER IS TO ALLOW FOR RE-WORK SHOP DRAWINGS AS NECESSARY. FABRICATOR SHALL PREPARE SHOP DRAWINGS AND SUBMIT THEM TO THE BUILDER FOR THEIR APPROVAL. BUILDER SHALL LODGE TWO HARD COPIES OF APPROVED DRAWINGS TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION. THE STRUCTURAL ENGINEER SHALL RETURN MARKED UP SHOP DRAWINGS WITHIN TEN (10) WORKING DAYS.
- S4

TYPICAL STEELWORK CONNECTIONS (UNLESS NOTED OTHERWISE)
- COLUMN BASE PLATES; 12 BASE PLATE, 4-M16 CHEM. INJECTION ANCHORS
- BEAM TO TOP OF COLUMN; CAP PLATE, 4 BOLTS (2 BOLTS TO CHANNELS)
- BEAM TO SIDE OF COLUMN; FIN PLATE, 2 BOLTS
- BEAM TO SIDE OF BEAM; END OR FIN PLATE, 2 BOLTS
- COLUMNS TO TOP OF BEAM; BASE PLATE, 4 BOLTS (2 BOLTS TO CHANNELS)
- ALL ROOF AND WALL BRACING; CLEAT PLATES, 2 BOLTS
- PURLINS/ WALL GIRTS; 8 CLEAT PLATES, 2-M12 PURLIN BOLTS
● UNLESS NOTED OTHERWISE, ADOPT;
- 10mm BASE, CAP, GUSSET, FIN AND END PLATES
- M20 8.8/s BOLTS
- 6mm CONTINUOUS FILLET WELDS MADE WITH E48XX MILD STEEL ELECTRODES
- ALL WELDS SP CATEGORY
- S5

BOLT DESIGNATION:
4.6/S COMMERCIAL BOLTS OF STRENGTH GRADE 4.6 TO AS.1111 TIGHTENED TO A SNUG TIGHT CONDITION.
8.8/S HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS.1252 TIGHTENED TO A SNUG TIGHT CONDITION.
8.8/TB HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS.1252 TENSIONED TO AS.4100 AS A BEARING JOINT WITH LOAD INDICATING WASHERS.
8.8/TF HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS.1252 TENSIONED TO AS.4100 AS A FRICTION JOINT WITH LOAD INDICATING WASHERS.
- S6

HIGH STRENGTH BOLTED JOINTS SHALL BE IN ACCORDANCE WITH AS.4100 THE SPECIFIED BOLT TENSION SHALL BE OBTAINED BY THE USE OF APPROVED LOAD INDICATING WASHERS OR PART TURN METHOD AS SPECIFIED IN AS.4100 U.N.O.
- S7

ALL HIGH STRENGTH BOLTED JOINTS UTILIZING 'TB' OR 'TF' TYPE BOLTS SHALL USE LOAD INDICATING WASHERS.
- S8

NO PAINT ON MATING SURFACES WITH TF OR TB BOLTING UNLESS APPROVED BY STRUCTURAL ENGINEER.
- S9

BOLTS TO BE INSTALLED WITH ONE HARDENED WASHER UNDER THE TURNED PART.
- S10

MINIMUM YIELD STRESS:
- HOT ROLLED SECTIONS = 300 MPa
- SQUARE HOLLOW SECTIONS = 350 MPa
- RECTANGULAR HOLLOW SECTIONS = 350 MPa
- CIRCULAR HOLLOW SECTIONS = 250 MPa
- HOT ROLLED PLATE = 250 MPa
- S11

COLD FORMED SECTIONS TO CONFORM WITH:
- AS/NZS. 4600, AS. 1397, AS. 1594 AND AS. 1595.
- MINIMUM YIELD STRESSES : SECTIONS 250 MPa.
- S12

STEELWORK SHALL BE POWER TOOL CLEANED TO A CLASS 2.5 SURFACE TO AS.1627 AND GIVEN ONE COAT OF ROZP TO GIVE A MIN. DRY FILM THICKNESS OF 50 um BEFORE DISPATCH TO SITE, UNLESS THE STEEL IS TO BE ENCASED HDG OR DETAILED OTHERWISE.
- S13

HOT DIP GALVANISING OF ALL STEELWORK SHALL BE IN ACCORDANCE WITH AS.1650 INCLUDING FASTENER AND OTHER CENTRIFUGED ITEMS.

- S14

SURFACE TREATMENT UNLESS NOTED OTHERWISE:
i) PROTECTED FROM WEATHER - ROZP - REFER NOTE S11
ii) EXPOSED TO WEATHER - AS/NZ. 2312 - HDG600
iii) BUILT INTO AN EXTERNAL MASONRY WALL - AS/NZ. 2312 - HDG600 - ITEM ii) AND iii) ABOVE REQUIRE HDG600P3 WHERE LOCATED WITHIN 1 km OF MARINE ENVIRONMENTS.
- S15

CLOSED SECTIONS SHALL BE ADEQUATELY VENTED FOR GALVANISING. EXPOSED VENT HOLES SHALL BE SEALED WITH LEAD PLUGS AND FILED FLUSH.
- S16

ALL BURIED STEELWORK TO BE PAINTED FIRST USING 'EXPOSED TO WEATHER' TREATMENT SYSTEM FOLLOWED BY THE APPLICATION OF A TWO PART EPOXY SUCH AS 'EPIREZ 133' OR APPROVED EQUIVALENT. ALTERNATIVELY, ENCASED BURIED STEELWORK IN CONCRETE WITH A MINIMUM COVER OF 75mm TO STEELWORK.
- S17

SURFACE TREATMENT WHERE GALVANISING IS THE FINISHING COATING;
i) SELF FINISH REFERS TO THE STANDARD OF GALVANISING FINISH REQUIRED WHEN AESTHETIC APPEARANCE IS NEEDED. IT IS ADDITIONAL TO THE STANDARD OF FINISH REFERRED TO IN AS/NZS. 4680 FOR THE PURPOSES OF DECORATIVE USE. THIS SPECIFICATION SHALL BE PROVIDED TO THE CONTRACTOR PRIOR TO COMMENCEMENT OF GALVANISING.
ii) THE SURFACE FINISH OF THE COATING SHALL BE FREE FROM RUNS, DAGS, SPIKES, UNEVEN SURFACES AND ROUGHNESS. THE COATING THICKNESS SHALL BE UNIFORM WITH A MAXIMUM DEVIATION OF +/- 10% FROM THE COATING THICKNESS NOMINATED IN AS/NZS 4680. THE APPEARANCE AND SURFACE CONDITION OF THE COATING SHALL TAKE ACCOUNT OF THE NEED FOR VISIBLE UNIFORMITY AND BE ABLE TO COPE WITH HANDLING AND PHYSICAL CONTACT IN PUBLIC AREAS.
iii) DAMAGE TO THE COATING THAT DOES NOT EXCEED 0.2sq.m MAY BE REPAIRED USING A ZINC STICK IN ACCORDANCE WITH AS/NZS 4680 WITHIN 48 HOURS. COMPONENTS CONTAINING AREAS OF DAMAGE EXCEEDING 0.2sq.m SHALL BE STRIPPED AND REGALVANISED. NOTE: REPAIR USING ZINC RICH PAINT IS NOT ACCEPTABLE.
iv) SPECIAL NOTE: STEEL USED SHALL CONTAIN BETWEEN 0.15 AND 0.22 PERCENT SILICON, AND A MAXIMUM OF 0.05 PERCENT PHOSPHOROUS. TEST CERTIFICATES SHALL BE SUBMITTED TO VERIFY THIS BEFORE FABRICATION.
- S18

SUBSTITUTIONS FOR STEEL SECTIONS SHOWN ON THE DRAWINGS SHALL NOT BE MADE WITHOUT THE APPROVAL OF THE ENGINEER.
- S19

THE CONTRACTOR SHALL PROVIDE ALL CLEATS AND DRILL ALL HOLES NECESSARY FOR FIXING STEEL, TIMBER, AND OTHER ELEMENTS TO STEEL WHETHER OR NOT DETAILED ON THE DRAWINGS.
- S20

THE CONTRACTOR SHALL PROVIDE ALL TRIMMING MEMBERS NECESSARY FOR SUPPORTING EDGES OF ROOF SHEETING & WALL SHEETING AND/OR PURLINS WHETHER OR NOT DETAILED ON THE DRAWINGS.
- S21

FABRICATION AND ERECTION OF THE STRUCTURAL STEELWORK SHALL BE SUPERVISED BY A QUALIFIED ENGINEER EXPERIENCED IN SUCH SUPERVISION TO ENSURE THAT ALL DESIGN REQUIREMENTS ARE MET.
- S22

STEELWORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARD SPECIFICATIONS EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- S23

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.
- S24

ALL MEMBERS SHALL BE SUPPLIED IN SINGLE LENGTHS, SPLICES SHALL ONLY BE PERMITTED IN LOCATIONS SHOWN ON THE STRUCTURAL DRAWINGS.
- S25

PROVIDE SEAL PLATES TO THE ENDS OF ALL HOLLOW SECTIONS, WITH 'BREATHER' HOLES IF MEMBERS ARE TO BE HOT DIP GALVANISED.
- S26

ALL BUTT WELDS SHALL BE COMPLETE PENETRATION BUTT WELDS CATEGORY SP TO AS. 1554.1 UNLESS NOTED OTHERWISE. THE EXTENT ON NON-DESTRUCTIVE WELD EXAMINATION SHALL BE AS NOTED BELOW. RADIOGRAPHIC OR ULTRASONIC EXAMINATION SHALL BE TO AS. 1554.1, AS, 2177.1 AND AS. 2207 AS APPROPRIATE.

- S27

GROUT ALL STEEL BASES BY DRY PACKING USING GROUT WHICH IS NON-SHRINK AND HAS A MINIMUM COMPRESSIVE STRENGTH OF 40 MPa AT 7 DAYS.
- S28

THESE DRAWINGS MAY NOT IDENTIFY ALL SECONDARY STEELWORK ELEMENTS THAT ARE REQUIRED FOR SUPPORT, FIXING AND FINISHING OF GLAZING, CLADDING AND LINING. THE TENDERER IS RESPONSIBLE FOR THE INCLUSION OF SUCH STEELWORK ELEMENTS TO THE EXTENT REQUIRED ON THE ARCHITECT'S DRAWINGS.
- S29

THE CONTRACTOR SHALL PROVIDE VERTICAL SAG RODS MIDSPAN TO ALL WALL GIRTS SUPPORTED/ CONNECTED TO EAVES TIE/ BEAMS.
- S30

SEPARATE METALS FROM INCOMPATIBLE MATERIALS (e.g. GALVANISED AND UNGALVANISED STEEL, TREATED TIMBER AND STEEL etc.) BY CONCEALED LAYERS OF SUITABLE INERT MATERIALS OF SUITABLE THICKNESS. USE PLASTIC SLEEVES AND WASHERS FOR BOLTS etc.
- S31

LIGHTWEIGHT FRAMING ABOVE HEADS CONTAINED WITHIN CEILING SPACE SHALL BE D & C (INCLUDING CERTIFICATION) AND DESIGNED TO STRUT BACK TO STRUCTURAL STEELWORK. PROJECT ENGINEER SHALL APPROVE DETAILS PRIOR TO SITE FABRICATION.

REPAIR OF SITE WELDS IN HOT DIP GALVANISING

- HD1

POWER TOOL CLEAN TO AUSTRALIAN STANDARD 1627:2 CLASS 3 TO REMOVE ALL WELDING SCALE, SLAG AND CORROSION PRODUCTS.
- HD2

DEGREASE AND REMOVE ALL SURFACE OIL, GREASE OR SOIL. (THIS STEP CAN BE OMITTED ON NEW WELDS WHERE NO ORGANIC CONTAMINATION OF THE EXPOSED STEEL HAS OCCURED.)
- HD3

APPLY TWO COATS OF JOTUN'S BARRIER TWO-PACK EPOXY ZINC RICH SYSTEM. TO MINIMUM DRY FILM THICKNESS OF 85 MICRONS.
- HD4

OBSERVE GOOD PAINTING PRACTICE WITH RESPECT TO WEATHER CONDITION AND APPLICATION CONDITIONS. ENSURE THAT THE STEEL SURFACE IS ABOVE DEW POINT PRIOR TO APPLICATION. IF BELOW THE DEW POINT, WARM AREA TO ENSURE SURFACE DRYNESS.
- HD5

ADHERE TO COATING MANUFACTURERS PRODUCT DATA SHEETS FOR SAFETY, MIXING, POT LIFE, APPLICATION, OVERCOATING AND CURING INFORMATION.
- HD6

APPLY A LIGHT COAT OF ALUMINIUM PAINT OVER REPAIR AREA AFTER DRYING. RUB OVER ALUMINIUM PAINT WITH A SOFT RAG BEFORE DRYING TO BLEND THE REPAIR INTO THE SURROUNDING GALVANISED COATING APPEARANCE. NOTE: THE ALUMINIUM PAINT IS NOT AN ANTI-CORROSIVE COATING AND DOES NOT CONTRIBUTE TO THE PERFORMANCE OF THE REPAIR.

APPROVED JOINT SEALANTS

ALL SLAB SEALANTS SHALL BE SIKAFLEX PRO 2HP POLYURETHANE JOINT SEALANT OR APPROVED EQUIVALENT. SEALANTS MUST BE APPLIED STRICTLY TO MANUFACTURER'S SPECIFICATIONS WITH REGARD TO JOINT CONFIGURATION, SURFACE CONFIGURATION, SURFACE PREPARATION, PRIMING, DEBONDING, APPLICATION AND CLEANING.

CHEMICAL ANCHORS

ALL CHEMICAL ANCHORS SHALL BE POWERS "PURE PRO 150 EPOXY INJECTION SYSTEM" OR HILTI "HIT - RE 500 INJECTION ADHESIVE" OR RAMSET "CHEMSET REO 502" EPOXY SERIES OR APPROVED EQUIVALENT. ALL PREPARATION & APPLICATION SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. MINIMUM STUD GRADE TO BE USED SHALL BE 5.8/S STEEL STUDS (H.D.G.) U.N.O.

ALL PERSONNEL INSTALLING CHEMICAL ANCHORS MUST RECEIVE ON SITE TRAINING FROM THE RELEVANT CHEMICAL ANCHOR SUPPLIER IN THE CORRECT PROCEDURE FOR CHEMICAL ANCHORS INSTALLATION. IT WILL BE AT THE DISCRETION OF THE COZENS REGAN GROUP AS TO THE EXTENT OF CHEMICAL ANCHOR LOAD TESTING THAT WILL BE PERFORMED THROUGHOUT THE PROJECT BY THE CHEMICAL ANCHOR SUPPLIER.

SCALES SHOWN ARE AT A3 SIZE				
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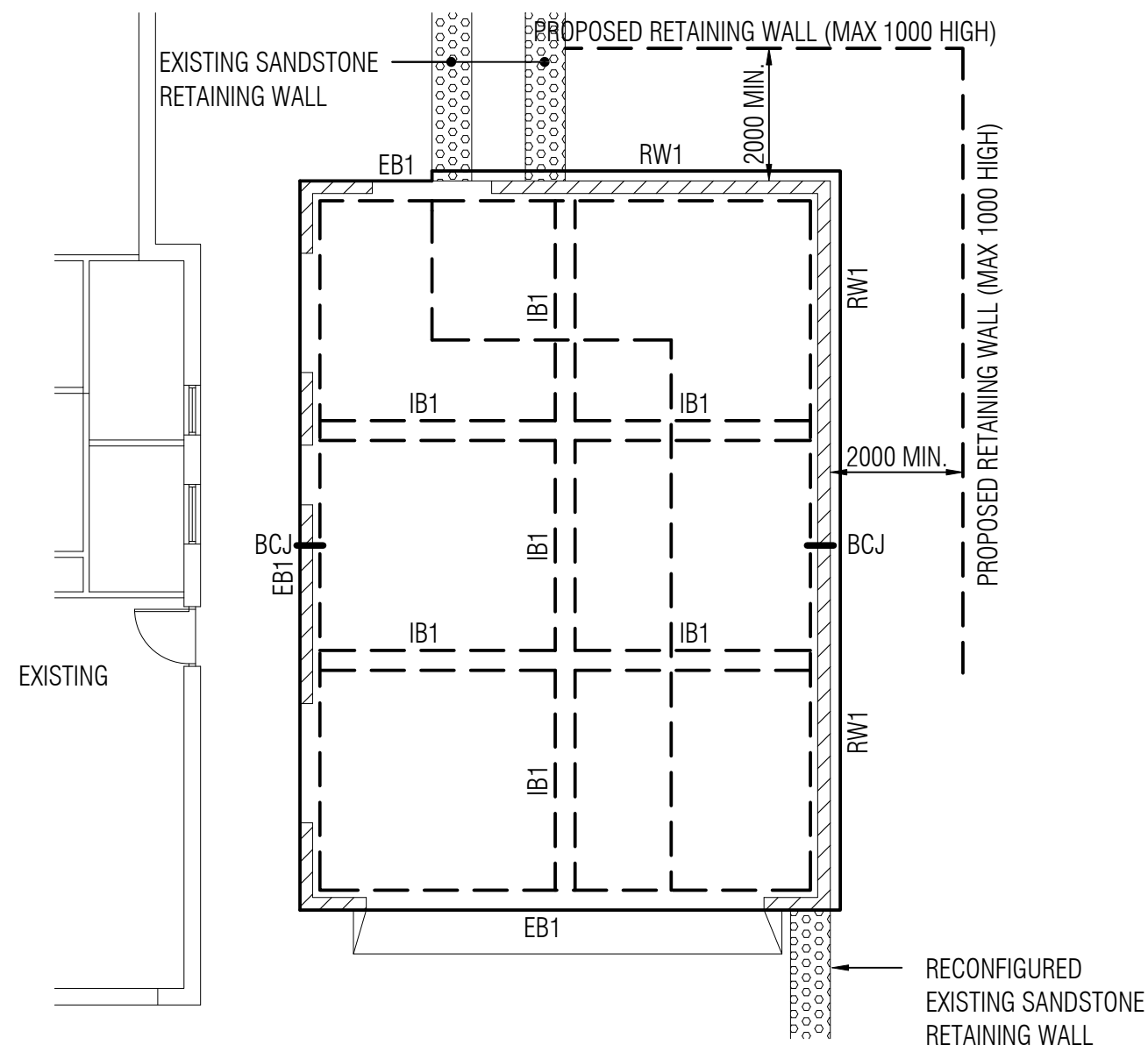
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CHECKED	R.J.P.
APPROVED FOR AND ON BEHALF OF COZENS REGAN GROUP PTY LTD	 4028

CLIENT	SCOTT WATSON
PROJECT	PROPOSED SHED 7 ROEBIG ST, ASPLEY GENERAL NOTES - Sheet 3

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FOOTING PLAN

1:100

- 100 THICK SLAB - SL82 IN TOP - 20 COVER
- SLAB TO BE POURED ON 200 μ m MEDIUM IMPACT RESISTANCE VAPOUR BARRIER IN ACCORDANCE WITH AS2870. cl 5.3.3. PLACED ON MIN. 50mm COMPACTED SAND BED.
- CONCRETE GRADE - N25.
- REFER ARCHITECT'S PLANS FOR ALL SLAB FINISHES, STEPS, FALLS AND REBATES. STEPS MAY OCCUR IN SLAB BETWEEN FLOOR FINISHES.
- BCJ = 10mm BLOCK CONTROL JOINT (REFER DETAIL)

NOTE
THIS FOUNDATION DESIGN IS BASED ON
AND SHALL BE READ IN CONJUNCTION WITH
EXPRESS SOIL TESTING SOIL REPORT
No. 2022121222 DATED 05.12.2022

NOTE
ALL FOOTINGS SHALL BEAR INTO ROCK
PROVIDE 450 $\varnothing$ MASS CONCRETE PIERS 300
INTO THE ROCK AT MAX. 2.5m CRS. WHERE
FOOTINGS DO NOT BEAR INTO ROCK

NOTE
REFER DRAWING S0.0 - S0.2 FOR GENERAL NOTES.

NOTE
REFER DRAWING S1.1 FOR FOOTING DETAILS.

NOTE
FOR ANY TREES AND/OR SHRUBS PLANTED
WITHIN 1.5 x MATURE HEIGHT OF THE
TREE/SHRUB TO THE BUILDING, PROVIDE A
"ROOT BARRIER" AROUND TREE/SHRUB TO THE
MANUFACTURERS SPECIFICATIONS.

NOTE
ALL PIPES DISCHARGING WATER
(eg; A/C CONDENSATE & HW PRESSURE RELIEF
VALVES) SHALL DISCHARGE INTO SW SYSTEM
& SHALL NOT DISCHARGE ONTO THE GROUND.

SCALES SHOWN ARE AT A3 SIZE

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CLIENT	SCOTT WATSON
PROJECT	PROPOSED SHED 7 ROEBIG ST, ASPLEY FOOTING PLAN

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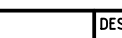
* NOTE:
DEPTH OF FOOTING MAY BE REDUCED WHERE ROCK IS ENCOUNTERED - 400 MIN.

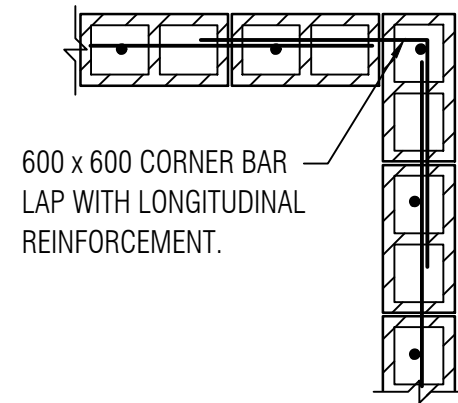
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* NOTE:
DEPTH OF FOOTING MAY BE REDUCED WHERE ROCK IS ENCOUNTERED - 400 MIN.

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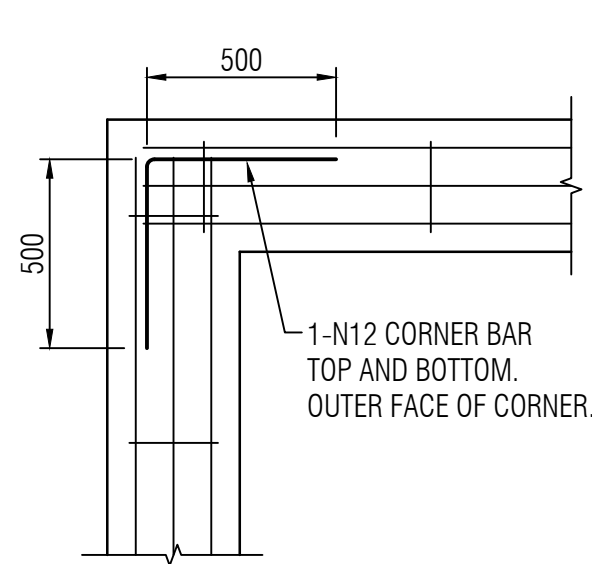
SCALES SHOWN ARE AT A3 SIZE				 COZENS REGAN GROUP CONSULTING ENGINEERS • CIVIL • STRUCTURAL	PTY LTD SUITE 7 ADVANCE BUSINESS CENTRE 39 LAWRENCE DRIVE NERANG PO BOX 2711 NERANG QLD 4211 P: (07) 5578 4100 F: (07) 5578 4092 E: mail@cozreg.com.au W: www.cozreg.com.au	 CONSULT AUSTRALIA Member Firm	DESIGNED	R.J.P.	CLIENT SCOTT WATSON	PROJECT PROPOSED SHED 7 ROEBIG ST, ASPLEY FOOTING DETAILS - Sheet 1	BCC DS RECEIVED 04/08/2026 APPLICATION REF: A006977158	JOB NO.	220942
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BLOCKWALL CORNER DETAIL

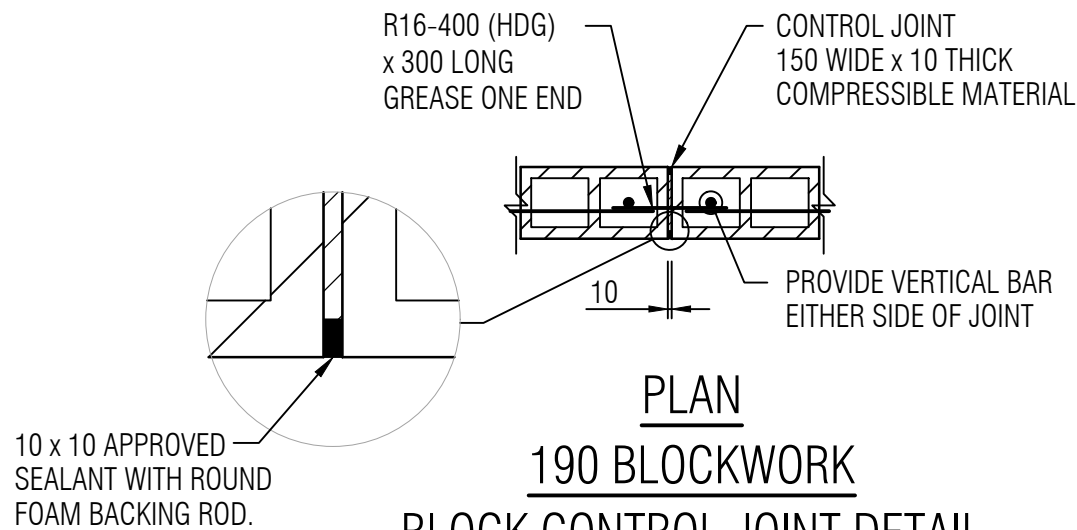
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- LAP LONGITUDINAL BARS AS SHOWN.



FOOTING CORNER DETAIL

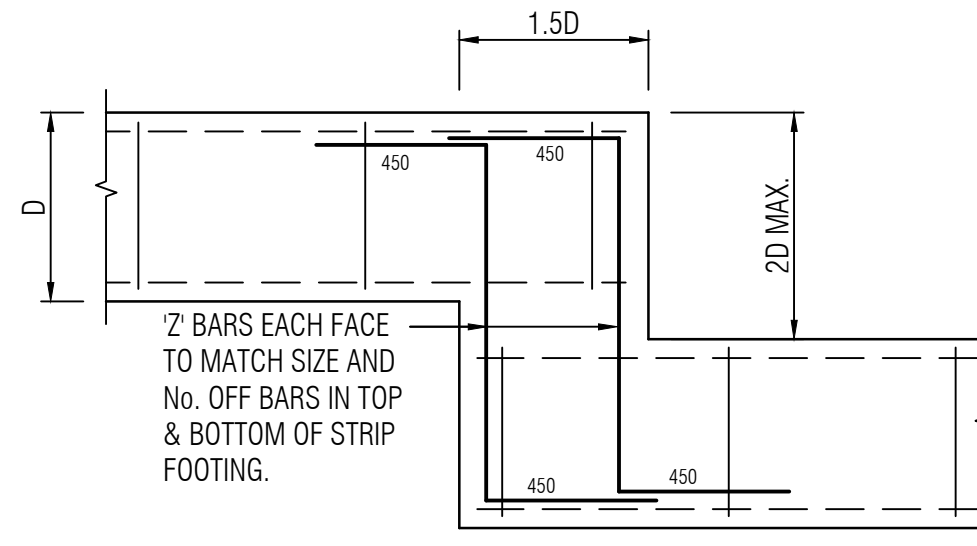
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PLAN 190 BLOCKWORK BLOCK CONTROL JOINT DETAIL

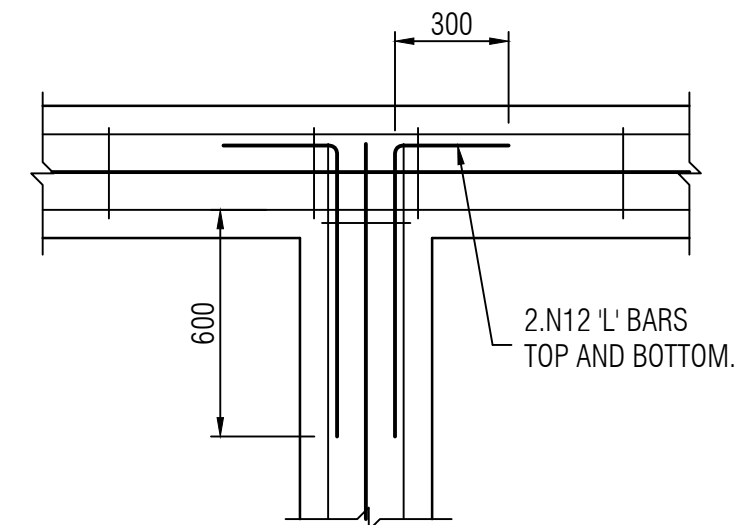
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- PROVIDE JOINTS AT 6.0m MAX. CRS.
- FIRE RATED SEALANT SHALL BE USED FOR FIRE RATED WALLS. REFER ARCHITECTS DETAILS FOR EXTENT & TYPE.



STEPPED FOOTING DETAIL

1 : 20



FOOTING INTERSECTION DETAIL

1:20

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No.	DATE	ISSUE								ISSUE A



LINTELS:
L1 = 330 x 85 HYNBEAM 15C or 300 x 85 HYNBEAM 21C

TOP PLATE:
TP1 = 45 x 90 MGP12 WITH M12 CHEM. ANCHORS AT MAX. 900 CRS.
200 EMBEDMENT (REFER DETAIL)



SCALES SHOWN ARE AT A3 SIZE				
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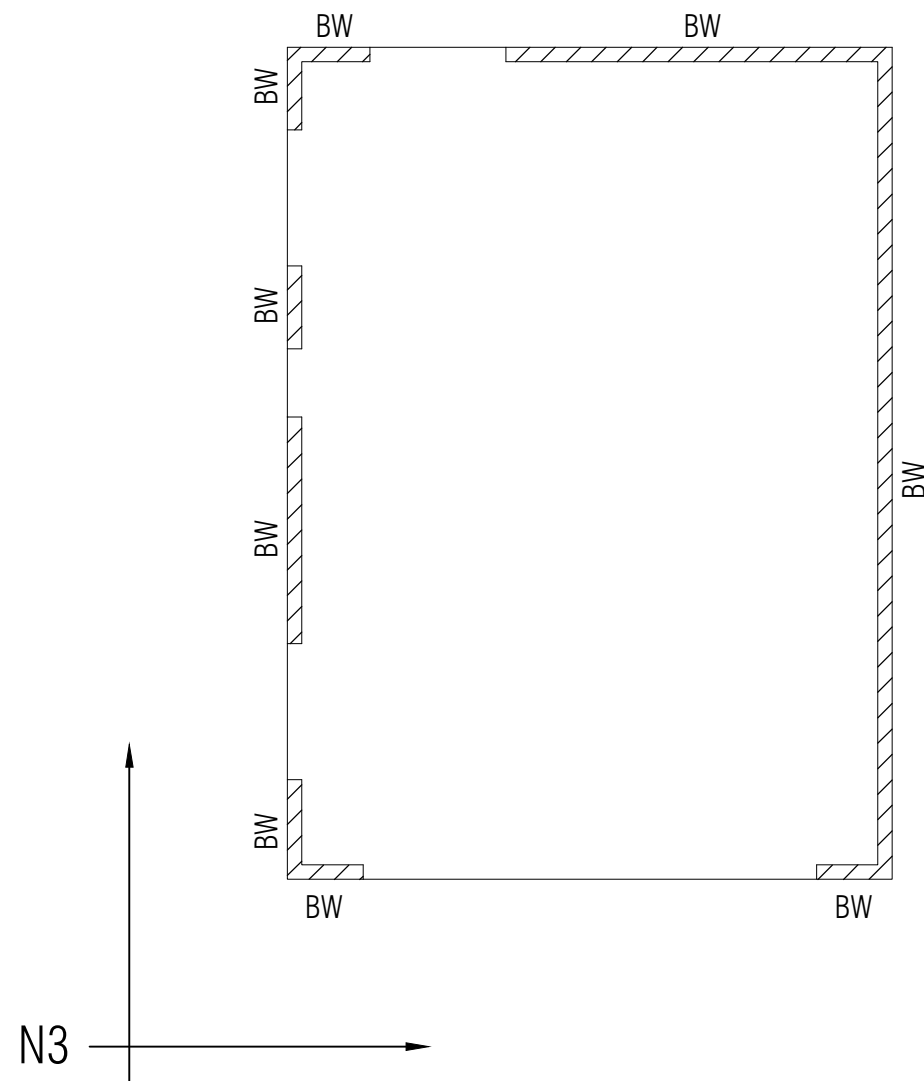


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JOB NO.		220942	
DRAWING NO.		S2.0	
ISSUE			
A			





BRACING PLAN

1:100

BRACING RESISTANCE IN BOTH DIRECTIONS
PROVIDED BY THE REINFORCED BLOCK WALLS.

N3 TIE DOWNS

(TILE ROOF)
(TRUSSES AT 600 CRS)
(BATTENS AT 330 CRS)

- BATTEN TO TRUSS/RAFTER:
TO METAL BATTEN MANUFACTURERS SPECIFICATIONS
- GIRDER & HIP TRUSS TO TOP PLATE:
TO TRUSS MANUFACTURERS SPECIFICATIONS
- TRUSS TO TOP PLATE:
2 FRAMING ANCHORS WITH 4/2.8mm Ø NAILS TO EACH END or
TO TRUSS MANUFACTURERS SPECIFICATIONS
- TOP PLATE TO BLOCKWORK:
M12 CHEM. ANCHORS AT 900 CRS. (200 EMBEDMENT)
- ALL OTHER TIE DOWNS SHALL BE IN ACCORDANCE WITH AS1684.2

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