

1. THE STRUCTURAL DRAWINGS MUST BE READ IN CONJUNCTION WITH THE ARCHITECTURAL AND ALL OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCY MUST BE REFERRED TO THE SUPERINTENDENT FOR RESOLUTION PRIOR TO COMMENCEMENT OF THE WORK. DETAIL NOTES ON THESE DRAWINGS AND THE SPECIFICATION CLAUSES TAKE PRECEDENCE OVER THE GENERAL NOTES.
2. ALL MATERIALS AND WORKMANSHIP MUST BE IN ACCORDANCE WITH THE RELEVANT CURRENT STANDARDS AUSTRALIA CODES, THE BUILDING CODE OF AUSTRALIA AND THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES, EXCEPT WHEN VARIED BY THE CONTRACT DOCUMENTS.
3. ALL DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS MUST BE VERIFIED BY THE CONTRACTOR ON SITE, PRIOR TO COMMENCEMENT OF ANY FABRICATION OR CONSTRUCTION WORKS. THE STRUCTURAL DRAWINGS MUST NOT BE SCALED FOR DIMENSIONS.
4. ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES, U.N.O.
5. THE STRUCTURAL COMPONENTS DETAILED ON THESE STRUCTURAL DRAWINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RELEVANT STANDARDS AUSTRALIA CODE AND BUILDING CODE OF AUSTRALIA
6. THE STRUCTURE HAS BEEN DESIGNED FOR WIND ACTIONS IN ACCORDANCE WITH AS4055-2021 AND AS/NZS1170.2-2021 AS APPROPRIATE. THE ADOPTED ULTIMATE DESIGN WIND SPEED (V_{des}) IS 50 m/s - C1 WIND CLASSIFICATION.
7. THE METHOD OF CONSTRUCTION AND THE MAINTENANCE OF SAFETY DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR. IF ANY STRUCTURAL ELEMENT PRESENTS DIFFICULTY IN RESPECT OF CONSTRUCTABILITY OR SAFETY, THE MATTER MUST BE REFERRED TO THE SUPERINTENDENT FOR RESOLUTION PRIOR TO COMMENCEMENT OF THE WORK.
8. DURING CONSTRUCTION THE STRUCTURE MUST BE MAINTAINED IN A STABLE CONDITION AND MUST ENSURE THAT NO PART IS OVERLOADED DURING CONSTRUCTION. TEMPORARY PROPPING OR BRACING MUST BE DESIGNED AND PROVIDED BY THE CONTRACTOR AND ISSUED TO THE DESIGN ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT, IN ORDER TO KEEP THE BUILDING WORKS AND EXCAVATIONS STABLE AT ALL TIMES.
9. CONSTRUCTION JOINTS WHERE NOT SHOWN ON THE DRAWINGS MUST BE TO THE APPROVAL OF THE ENGINEER.
10. NO HOLES OR CHASES OTHER THAN THOSE ON THE STRUCTURAL DRAWINGS MUST BE MADE IN ANY STRUCTURAL MEMBER, WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
11. THESE NOTES MUST ALSO APPLY TO ALL MATERIALS AND PROPRIETARY PRODUCTS USED IN CONSTRUCTION OF THE WORK.
12. THE CONTRACTOR MUST BE RESPONSIBLE TO ENSURE ALL MATERIALS AND PROPRIETARY PRODUCTS SOURCED COMPLY WITH THE APPROPRIATE QUALITY AND RELEVANT STANDARDS NOTED WITHIN THESE GENERAL NOTES.

2. FOOTINGS HAVE BEEN DESIGNED FOR AN ASSUMED SITE REACTIVITY CLASS "M". BUILDER TO CONFIRM PRIOR TO CONSTRUCTION.

3. THE CONTRACTOR SHALL ENGAGE A GEOTECHNICAL ENGINEER TO CONFIRM THE ADEQUACY OF THE FOUNDING MATERIAL (BEARING CAPACITY), PRIOR TO THE PLACEMENT OF MEMBRANE, REINFORCEMENT OR CONCRETE.
4. SHOULD ACTUAL CONDITIONS BE FOUND TO DIFFER FROM THOSE NOTED, THE MATTER SHOULD BE REFERRED TO THE SUPERINTENDENT FOR POSSIBLE FOOTING REDESIGN BY THE ENGINEER.
5. ALL FOOTINGS MUST BE FOUNDED A MINIMUM OF 200mm INTO NATURAL GROUND.
6. THE CONTRACTOR MUST CHECK ALL EXCAVATIONS FOR EXISTENCE OF ORGANIC MATERIAL AND RUBBISH. ANY SUCH MATERIAL MUST BE REMOVED AND THE EXCAVATION BACKFILLED WITH CLEAN GRANULAR MATERIAL AND COMPACTED.
7. FOOTINGS MUST BE CONSTRUCTED AND BACKFILLED AS SOON AS POSSIBLE FOLLOWING EXCAVATION TO AVOID EITHER SOFTENING OF THE FOUNDING MATERIAL OR DRYING OUT BY EXPOSURE.
8. EXCAVATE FOR FOOTINGS TO THE NOMINATED SIZE AND DEPTH. FOOTING FOUNDING LEVELS ARE PROVISIONAL SUBJECT TO ACTUAL SITE CONDITIONS AND APPROVAL BY THE GEOTECHNICAL ENGINEER.
9. CONCRETE MUST BE COMPACTED BY AN IMMERSION VIBRATOR.
10. BORED PIERS MUST BE CONSTRUCTED IN ACCORDANCE WITH AS2159 PILING DESIGN AND INSTALLATION EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
11. PIER HOLES BASES MUST HAVE ALL LOOSE AND DISTURBED MATERIAL REMOVED PRIOR TO PLACING CONCRETE.
12. BORED PIER FOOTINGS MUST BE TEMPORARILY SHEATHED DURING BORING AND CASTING CONCRETE IF NECESSARY TO MAINTAIN THE SIDES THAT ARE UNSTABLE AND COLLAPSING. SHEATHING MUST BE REMOVED GRADUALLY AS CASTING PROGRESSES.
13. PIER HOLES MUST BE KEPT FREE OF WATER. ANY RESIDUAL OR SEEPAGE WATER IS TO BE REMOVED PRIOR TO PLACEMENT OF CONCRETE

1. ALL CONCRETE PLACED MUST BE COMPACTED BY MECHANICAL VIBRATOR OR SIMILAR METHOD IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.
2. CONCRETE QUALITY:

GRADE	N25
SLUMP	80mm
MAX AGGREGATE SIZE	20mm
3. MINIMUM CLEAR COVER TO REINFORCEMENT = 50mm
4. REINFORCING BAGS DENOTED 'N' MUST BE TYPE D500N.
REINFORCING BARS DENOTED 'R' MUST BE TYPE R250N
MESH DENOTED SL... OR RL... MUST BE TYPE D500SL OR D500RL RESPECTIVELY
TRENCH MESH MUST BE D500L
5. SLAB MESH IS TO BE SUPPORTED BY PLASTIC CHAIRS AT 800mm MAX SPACING IN EACH DIRECTION. ALL BARS AND TRENCH MESH IN FOOTINGS IS TO BE SUPPORTED BY PLASTIC CHAIRS, OR SIMILAR, AT 1200mm MAX SPACING. ALL CHAIRING IS TO MAINTAIN CORRECT COVER AT ALL TIMES AND IN ALL CASES.
6. BASES OF BORED PIERS ARE TO BE THOROUGHLY CLEANED OF ALL LOOSE MATERIAL AND MAINTAINED FREE OF DEBRIS PRIOR TO CONCRETE PLACEMENT

1. ALL WORKMANSHIP AND MATERIAL MUST BE IN ACCORDANCE WITH AS4100 AND AS1554 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.

2. U.N.O., ALL STEEL MUST BE OF THE FOLLOWING GRADE IN ACCORDANCE WITH THE RELEVANT AUSTRALIAN STANDARD.

3. THE CONTRACTOR MUST ENSURE THAT FIXINGS BETWEEN STEELWORK AND OTHER BUILDING ELEMENTS ARE COORDINATED AND INSTALLED. WHERE POSSIBLE THE FIXINGS MUST BE SHOWN ON THE WORKSHOP FABRICATION DRAWINGS.

4. THE FABRICATION AND ERECTION OF THE STRUCTURAL STEELWORK MUST BE SUPERVISED BY A QUALIFIED PERSON EXPERIENCED IN SUCH SUPERVISION, IN ORDER TO ENSURE THAT ALL REQUIREMENTS OF THE DESIGN ARE MET.
5. ALL MEMBERS MUST BE SUPPLIED IN SINGLE LENGTHS. SPLICES MUST ONLY BE PERMITTED IN LOCATIONS SHOWN ON THE STRUCTURAL DRAWINGS.
6. ALL STEELWORK MUST BE SECURELY TEMPORARILY BRACED BY THE CONTRACTOR AS NECESSARY TO STABILISE THE STRUCTURE DURING ERECTION. CONSULT STRUCTURAL ENGINEER FOR ADDITIONAL DESIGN OF TEMPORARY PROPPING OR BRACING IF REQUIRED.
7. ALL CUT ENDS, PLATES, GUSSETS, ETC. MUST HAVE ANY SHARP EDGES AND CORNERS GROUND SMOOTH TO A MINIMUM OF 2mm RADIUS.

BOLTING CATEGORIES ARE IDENTIFIED ON THE STRUCTURAL DRAWINGS IN THE FOLLOWING MANNER.

BOLT CATEGORY COMMENTS	
4.6/S	COMMERCIAL BOLTS OF GRADE 4.6 TO A51111 SNUG TIGHTENED
8.8/S	HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO A51252 SNUG TIGHTENED
8.8/TBHIGH	STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO A51252 FULLY TENSIONED TO AS4100 AS A BEARING TYPE JOINT
8.8/TFHIGH	STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO A51252 FULLY TENSIONED TO AS4100 AS A FRICTION TYPE JOINT
WITH FACING SURFACES LEFT UNCOATED U.N.O.	

9. U.N.O. ALL BOLTS MUST BE M16 CATEGORY 4.6/5. U.N.O. ALL CONNECTIONS MUST HAVE AT LEAST 2 BOLTS. ALL INTERNAL BOLTS AND WASHERS MUST BE GALVANISED. ALL EXTERNAL BOLTS AND WASHERS MUST BE 316 STAINLESS STEEL. ALL HOLES MUST BE 2mm LARGER THAN THE BOLT DIAMETER, U.N.O.
10. ALL CHEMSET ANCHORS MUST BE INSTALLED WITH "RAMSET CHEMSET REO 502" **OR** APPROVED EQUIVALENT AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

ALL WELDING MUST BE CARRIED OUT IN ACCORDANCE WITH AS1554.1.
ELECTRODES MUST BE EITHER AS1553, AS1858, AS2203 OR AS2177, AS APPROPRIATE
U.O.O., ALL FILLET WELDS MUST BE 6mm CONTINUOUS, ALL AROUND, CATEGORY SP USING E48XX ELECTRODES OR EQUIVALENT. A
BUTT WELDS MUST BE COMPLETE PENETRATION BUTT WELDS CATEGORY SP TO AS1554.1 U.O.O.
THE EXTENT OF NON-DESTRUCTIVE WELD EXAMINATION MUST BE AS SHOWN IN TABLE BELOW U.O.O.
RADIOGRAPHIC OR ULTRASONIC EXAMINATION MUST BE TO AS1554.1, AS2177.1 AND AS2207 AS APPROPRIATE.

1. PROTECTIVE COATING:
STRUCTURAL STEELWORK NOT ENCASED IN CONCRETE MUST HAVE THE FOLLOWING MINIMUM PROTECTIVE COATING U.N.O. IN THE SPECIFICATION.

ALL MEMBERS - ALL SURFACES

SURFACE PREPARATION : POWER TOOL CLEAN TO AS1627.2
OR
ABRASIVE BLAST CLEAN TO AS1627.4 CLASS 2.5

PRIMER : ROZP (UNLESS STEEL IS TO BE HDG OR OTHERWISE NOTED)

DRY FILM THICKNESS : MINIMUM 50 MICRONS

TOP COAT : TO OWNER'S/ARCHITECTS SPECIFICATIONS

SURFACE TREATMENT, U.N.O:

i) PROTECTED FROM WEATHER - ROZP
ii) EXPOSED TO WEATHER - AS/NZS 2312 - HDG600
iii) BUILT INTO AN EXTERNAL MASONRY WALL - AS/NZS 2312 - HDG600

ITEM ii) AND iii) ABOVE REQUIRE HDG600P3 WHERE LOCATED WITHIN 1 km OF MARINE ENVIRONMENTS.

2. ALL GALVANISING OF STRUCTURAL STEELWORK MUST BE IN ACCORDANCE WITH AS4680. THE CONTINUOUS AVERAGE ZINC COATING MASS MUST BE 600g/m² (550g/m² MINIMUM).
3. PROVIDE SEAL PLATES TO THE ENDS OF ALL HOLLOW SECTIONS, WITH 'BREATHER' HOLES IF MEMBERS ARE TO BE HOT DIP GALVANISED. BREATHER HOLES MUST BE SEALED AFTER GALVANISING TO PREVENT INTERNAL CORROSION OF HOLLOW SECTIONS. SEAL BREATHER HOLES WITH EITHER A RUBBER GROMMET, SILICON SEALANT OR PLUG WELDING HOLE OR PLATE OVER AND REPAINT GALVANISED COATING WITH COLD GALVANISING PAINT

1. FOR FINAL ENGINEERING CERTIFICATION TO BE PROVIDED BY DILEIGH CONSULTING ENGINEERS PTY LTD, ALL THE APPLICABLE STRUCTURAL ELEMENTS AS LISTED BELOW, BUT NOT LIMITED TO, SHALL BE INSPECTED BY A QUALIFIED ENGINEER FROM DILEIGH CONSULTING ENGINEERS PTY LTD OR SUITABLY QUALIFIED ENGINEER:

- a - BORED PIERS
- b - FOOTINGS AND SLABS ON GROUND
- c - REINFORCED MASONRY RETAINING WALLS
- d - CONCRETE COLUMNS / WALLS
- e - REINFORCED MASONRY COLUMNS / WALLS / PARAPETS
- f - SUSPENDED CONCRETE SLABS
- g - PRECAST CONCRETE ELEMENTS
- h - CONCRETE SWIMMING POOLS / POND SHELLS
- i - STRUCTURAL STEELWORK
- j - TIMBER FRAMING
- k - BRACING AND TIEDOWN
- m - BOULDER RETAINING WALLS

1. ALL CONCRETE ELEMENTS (ITEMS a to h) MUST BE INSPECTED AFTER PLACEMENT OF REINFORCEMENT AND PRIOR TO CONCRETE POUR.
2. ALL STEEL AND TIMBER FRAMING (ITEMS i to k) MUST BE INSPECTED PRIOR TO CLADDING
3. ALL BOULDER RETAINING WALLS (ITEM m) MUST BE INSPECTED PRIOR TO PLACEMENT OF ROCKS, AT HALF HEIGHT OF WALL AND COMPLETED WALL.
4. ALL INSPECTIONS REQUIRE A MINIMUM OF 24 HOURS NOTICE
5. IF IN DOUBT OF REQUIREMENT FOR INSPECTION, ASK
OBTAIN GEOTECHNICAL ENGINEER'S WRITTEN INSTRUCTION AT PREPARATION OF FOUNDING MATERIAL AND FORWARD TO STRUCTURAL ENGINEER FOR APPROVAL, AT BUILDER'S COST.

BS	BOTH SIDES	CJ	CONSTRUCTION JOINT
FS	FAR SIDE	DJ	DOWELLED JOINT
NF	NEAR FACE	SJ	SAWN JOINT
NS	NEAR SIDE	IJ	ISOLATION JOINT
EF	EACH FACE	KJ	KEYED JOINT
EW	EACH WAY	ET	EDGE THICKENING
LG	LONG	SF	STRIP FOOTING
FFL	FINISHED FLOOR LEVEL	CFW	CONTINUOUS FILLET WELD
SSL	STRUCTURAL SLAB LEVEL	FPBW	FULL PENETRATION BUTT WELD
PA	PERSONAL ACCESS (DOOR)	FW	FILLET WELD
RD	ROLLER DOOR	/TB	TENSIONED <u>BEARING BOLT</u>
BTM	BOTTOM	/TF	TENSIONED <u>FRICITION</u> BOLT

1. ALL PROPRIETARY PRODUCTS MUST BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, EPOXY AND MECHANICAL ANCHORING PRODUCTS, LIFTING DEVICES, STANDARDISED FIXINGS AND CAST-IN ITEMS.

2. ANY DISCREPANCIES BETWEEN THE MANUFACTURERS SPECIFICATIONS AND DETAIL NOTES IN THESE DRAWINGS MUST BE REFERRED TO THE SUPERINTENDENT FOR CLARIFICATION PRIOR TO PROCEEDING OR INSTALLATION.

1. FILL IS TO BE UNIFORMLY COMPACTED IN UP TO 200-300MM HORIZONTAL LAYERS AND ACHIEVE A MINIMUM STANDARD OF COMPACTION OF GREATER THAN 95% RELATIVE TO COMPACTION TEST AS1289.5.1.1 (STANDARD) FOR COHESIVE SOILS OR A DENSITY INDEX GREATER THAN 0.75 FOR NON-COHESIVE SOILS. BENCHING OF NATURAL GROUND WILL BE REQUIRED ON STEEP SLOPING GROUND.

2. CLAYS OF HIGH PLASTICITY OR HIGH IN-SITU MOISTURE CONTENT ARE NOT TO BE USED AS FILL. SHOULD THE AMOUNT OF FILL REQUIRED EXCEED THE AMOUNT OF CUT AVAILABLE (OR THE CUT MATERIAL IS UNSUITABLE), AN IMPORTED GRANULAR FILL WITH A PLASTICITY INDEX PREFERABLY LESS THAN 15% WITH NO EXCESSIVE OVERSIZED MATERIAL, MAY BE USED. SEE EARTHWORKS STANDARD CODE FOR SUITABLE FILLS AND ALLOWABLE (SEE) FIELD DENSITY TESTS OR EQUIVALENT SHOULD BE CARRIED OUT TO VERIFY THE STANDARD OF COMPACTION IS ACHIEVED. (GRADING CURRENT AUSTRALIAN STANDARD EARTHWORKS STANDARD CODE AS 3799 FOR TYPE AND FREQUENCY OF TESTS), WHERE THE FILL MATERIAL DOES NOT ACHIEVE THE ABOVE COMPACTION STANDARD, PIERING OF THE FOOTINGS AND SLAB SYSTEM WILL BE REQUIRED.

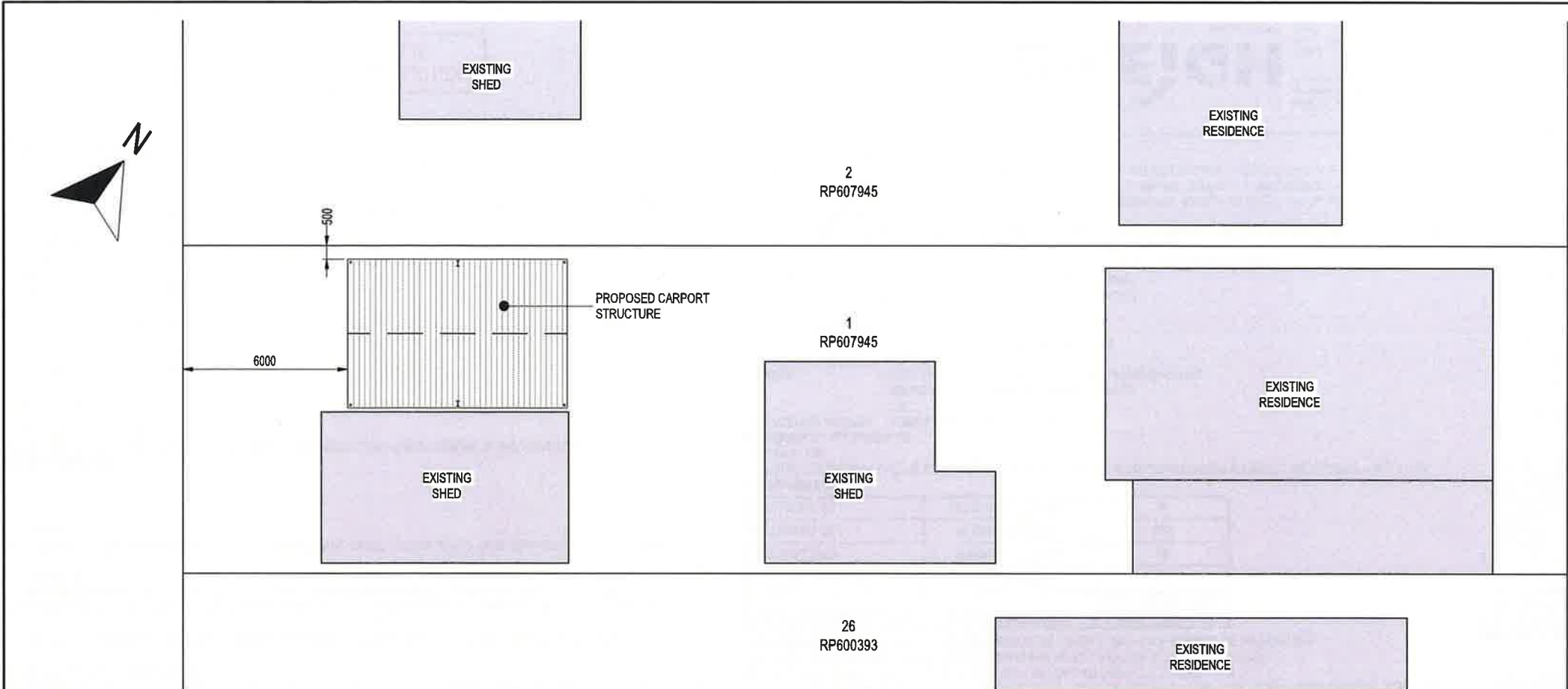
- SITE DRAINAGE IS TO BE MAINTAINED AT ALL TIMES BOTH DURING AND AFTER CONSTRUCTION. AT NO TIME DURING CONSTRUCTION OR SUBSEQUENTLY, SHOULD THE WATER BE ALLOWED TO POND ON OR NEAR THE FOOTINGS. TO ENSURE ADEQUATE DRAINAGE FOR SLOPING SITES, DRAINS SHOULD BE PROVIDED AT THE BOTTOM OF EMBANKMENTS CLEAR OF THE FOOTING SYSTEM. IF THE SURFACE FLOW IS LIKELY TO BE LARGE, DRAINS SHOULD ALSO BE PROVIDED AT THE TOP OF ANY CUTTING TO AVOID SCOURING OF THE FACE. SURFACE RUN-OFF SHOULD BE COLLECTED AND DRAINED AWAY FROM THE WALL AT 1:100 MIN. DOWN PIPES FROM ROOFS SHOULD NOT BE ALLOWED TO DISCHARGE ON THE GROUND SURFACE NEAR THE WALL EVEN FOR SHORT PERIODS DURING CONSTRUCTION. THE GROUND AROUND THE BUILDING SHOULD BE SLOPED AWAY FROM THE WALL AT A GRADE OF 1:20 AT A MINIMUM DISTANCE OF 1000mm.

4. TREES: TO REDUCE, BUT NOT ELIMINATE, THE POSSIBILITY OF DAMAGE FROM TREES, EXISTING OR FUTURE, TREES SHOULD BE RESTRICTED TO A DISTANCE FROM THE HOUSE OF:
- FOR CLASS E SITES (OR EQUIVALENT) = 1.75 TIMES THE MATURE HEIGHT OF THE TREE
 - FOR CLASS H SITES (OR EQUIVALENT) = 1.0 TIMES THE MATURE HEIGHT OF THE TREE
 - FOR CLASS S & M SITES (OR EQUIVALENT) = 0.75 TIMES THE MATURE HEIGHT OF THE TREE

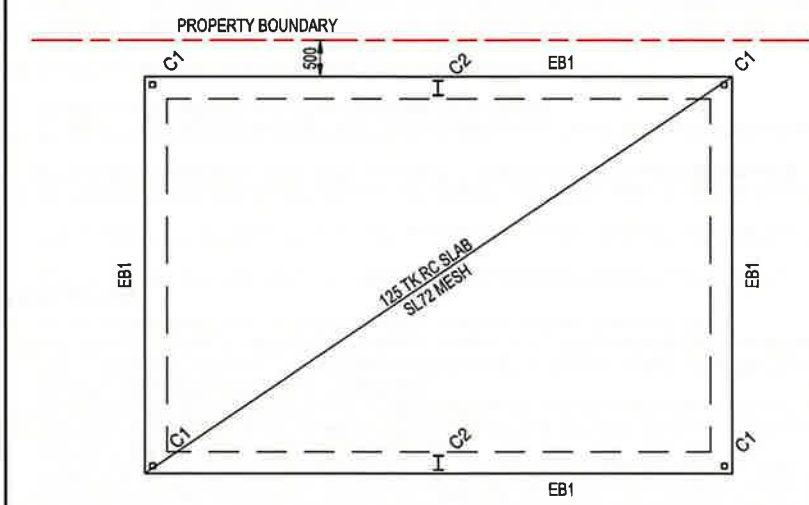
5. REMOVAL OF TREES FROM THE SITE CAN ALSO CAUSE SIMILAR PROBLEMS. HOLES FROM TREES REMOVED SHOULD BE FILLED WITH SIMILAR SOIL AS ENCOUNTERED ON THE SITE AND COMPACTED AS MENTIONED ABOVE.

6. ALL EARTHWORKS OPERATIONS SHALL COMPLY WITH THE AUSTRALIAN STANDARD EARTHWORKS CODE, AS 3798

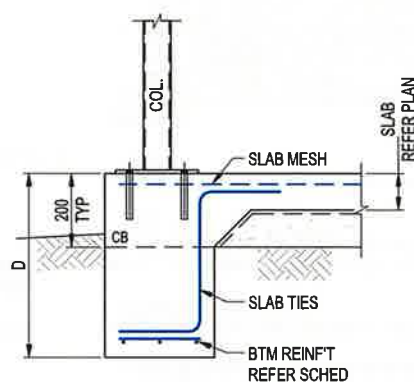
CONSTRUCTION ISSUE	REV	REVISION DESCRIPTION	DATE	DILEIGH CIVIL / STRUCTURAL DESIGN & PROJECT MANAGEMENT ACN 121 309 171 47 Normanby Street Yeppoon, Queensland 4703 Phone: 07 491 12553 Fax: 07 4938 3660 Email: admin@dileigh.com.au	Drawn	PS	PEARCE PROPOSED CARPORT 348 GEORGE STREET, DEPOT HILL, QLD 4700 GENERAL NOTES	Dwg No.	D26.241- S001
	A	FOR CONSTRUCTION	09/07/2026		Designed	RLE		STRUCTURAL	
					Checked	GB		Revision	
					Approved	R ENGLISH		A	
					RPEQ 37392	Sign 			
			10/07/2026						



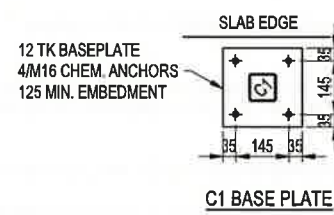
SITE PLAN
SCALE 1 : 200



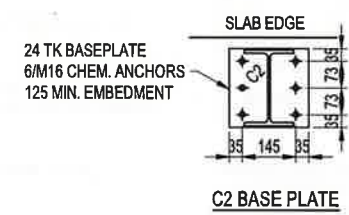
SLAB AND FOOTING PLAN
SCALE 1 : 100
• SLAB TO BE POURED ON 200 MICRON VISQUEEN OR EQUAL PLACED ON MIN. 50mm COMPACTED SAND BED
• REFER ARCHITECT'S PLANS FOR ALL SLAB FINISHES, STEPS, FALLS & REBATES
• REFER PLUMBER/HYDRAULIC ENGINEER FOR DRAINAGE REQUIREMENTS



EB1
SCALE 1 : 20



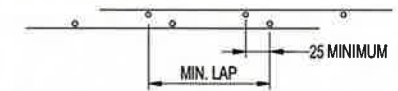
C1 BASE PLATE



C2 BASE PLATE

NOTES:

- EXTENT OF CUT/FILL PLATFORM AND REQUIREMENT FOR UNDERPINNING TO BE CONFIRMED ONSITE ONCE ESTABLISHED.
- FILL PLACED AFTER THE GEOTECHNICAL TESTING SHOULD BE DONE SO IN ACCORDANCE WITH SECTION 6.4.2 OF AS2870-2011. ROLLED FILL CONSISTS OF MATERIAL COMPACTED IN LAYERS BY REPEAT ROLLING WITH AN EXCAVATOR OR SIMILAR EQUIPMENT. THE DEPTH OF ROLLED FILL SHALL NOT EXCEED 0.6m COMPACTED IN LAYERS NOT MORE THAN 0.3m THICK FOR SAND, OR 0.3m COMPACTED IN LAYERS NOT MORE THAN 0.15m THICK FOR OTHER MATERIALS. ALTERNATIVELY, NON SAND FILL UP TO 0.4m DEEP THAT IS WELL COMPACTED BY A MECHANICAL ROLLER IN LAYERS NOT MORE THAN 0.15m. THICK IS DEEMED TO BE CONTROLLED FILL. CLAY FILL SHALL BE MOIST DURING COMPACTION.
- THIS DESIGN DOES NOT TAKE IN TO ACCOUNT, TREES, OVERLAND FLOWS, POTENTIAL FLOODING, ANY UNDERGROUND INFRASTRUCTURE (UNLESS SHOWN), IF ANY OF THESE AFFECT THIS SITE, PLEASE CONTACT ENGINEER FOR ALTERNATE DESIGN.
- WHERE EDGE BEAM OR INTERNAL BEAM STEEL IS CUT DUE TO SERVICE PENETRATION, 1-N12 BAR PER CUT BAR IS TO BE SPLICED A MINIMUM OF 500mm EITHER SIDE OF PENETRATION.
- PROVIDE N12 CORNER BARS IN EDGE BEAM WITH 600mm LONG LEGS.
- PROVIDE MINIMUM MESH LAPS TO CROSS WIRES OF REINFORCING MESH, SO THAT TWO OUTERMOST WIRES OF ONE SHEET OVERLAP TWO OUTERMOST WIRES OF ADJACENT SHEET BY AT LEAST 25mm.
- MINIMUM GROUND CLEARANCE SHALL BE PURSUANT WITH THE LOCAL AUTHORITY'S REQUIREMENTS
- SLAB TO BE LAID ON 50mm LAYER OF SAND BEDDING. PROVIDE 0.2mm THICK VAPOUR BARRIER UNDER SLAB
- REFER TO CSIRO'S BTF18 "FOUNDATION MAINTENANCE & FOOTING PERFORMANCE - A HOMEOWNER'S GUIDE" FOR DETAILS TO PREVENT EXCESSIVE FOUNDATION SOIL & BUILDING MOVEMENT & CONSEQUENTIAL CRACKING OR DAMAGE
- BASES OF BORED PIERS, FOOTINGS AND SLAB ARE TO BE THOROUGHLY CLEANED OF ALL LOOSE MATERIAL AND MAINTAINED FREE OF DEBRIS PRIOR TO CONCRETE PLACEMENT, ESPECIALLY WHEN FOOTINGS AND SLAB ARE POURED AT SAME TIME.
- ALL CONCRETE PLACED, INCLUDING PIERS, FOOTINGS AND SLABS, MUST BE COMPACTED BY MECHANICAL VIBRATOR OR SIMILAR METHOD IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.



NOTE: DESIGN BASED ON ASSUMED SITE SOIL CLASSIFICATION OF "M" SITE, TO BE CONFIRMED BY GEOTECHNICAL ENGINEER AT TIME OF CONSTRUCTION. SHOULD SOIL CLASS BE DETERMINED OTHERWISE, ENGINEER TO BE ENGAGED TO PROVIDE FOOTING REDESIGN AS NECESSARY TO COMPLY WITH AUSTRALIAN STANDARDS

NOTE: EXTENT OF CUT/FILL PLATFORM AND REQUIREMENT FOR UNDERPINNING TO BE CONFIRMED ONSITE ONCE ESTABLISHED

COLUMN SCHEDULE

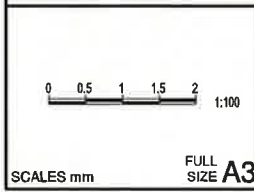
MARK	DESCRIPTION	SIZE	CORROSION PROTECTION
C1	STEEL COLUMN	200UB29	GALV.
C2	STEEL COLUMN	75x4.0 SHS	GALV.

NOTE: REFER STEEL NOTES, DRAWING -02, FOR FURTHER INFORMATION ON CORROSION PROTECTION SYSTEM.

FOOTING SCHEDULE

MARK	DESCRIPTION	DEPTH 'D'	WIDTH 'W'	DIAMETER 'D'	REINFORCEMENT		
					TOP	BTM	COMMENTS
EB1	EDGE BEAM	400	300	-	3-L11TM	N12 TIES AT 600 MAX CTRS	REFER DETAIL

NOTE: 3-L11TM BOTTOM REINFORCEMENT MAY BE SUBSTITUTED BY 3/N12 BARS. BORED PIERS TO FOUND 300mm MINIMUM INTO NATURAL FOUNDING MATERIAL WITH MINIMUM ALLOWABLE BEARING CAPACITY OF 100kPa. BORED PIER REINFORCEMENT TIES MAY BE PROVIDED AS INDIVIDUAL LIGATURES OR AS CONTINUOUS SPIRAL LIGATURE OF SAME BAR SIZE AND PITCH.



CONSTRUCTION ISSUE

REV	REVISION DESCRIPTION	DATE
A	FOR CONSTRUCTION	09/07/2026

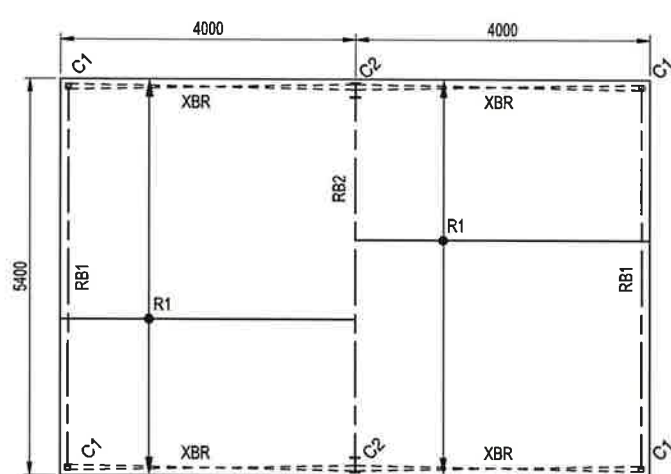


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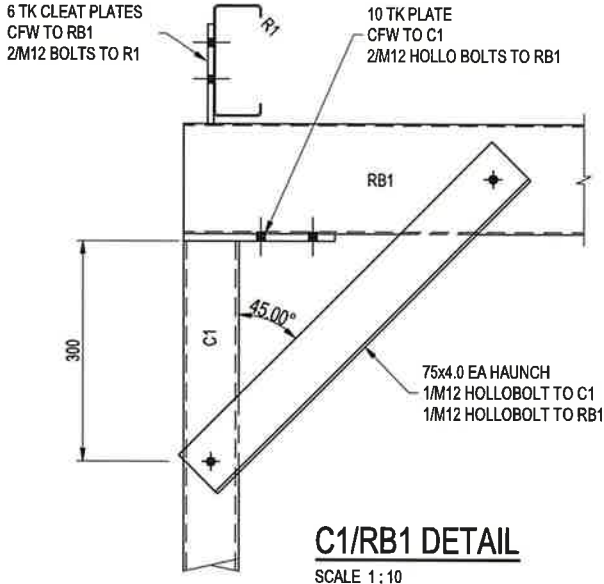
Drawn	PS
Designed	RLE
Checked	GB
Approved	R ENGLISH
RPEQ	37332
10/07/2026	

PEARCE
PROPOSED CARPORT
348 GEORGE STREET, DEPOT HILL, QLD 4700
SITE & SLAB & FOOTING PLAN & DETAILS

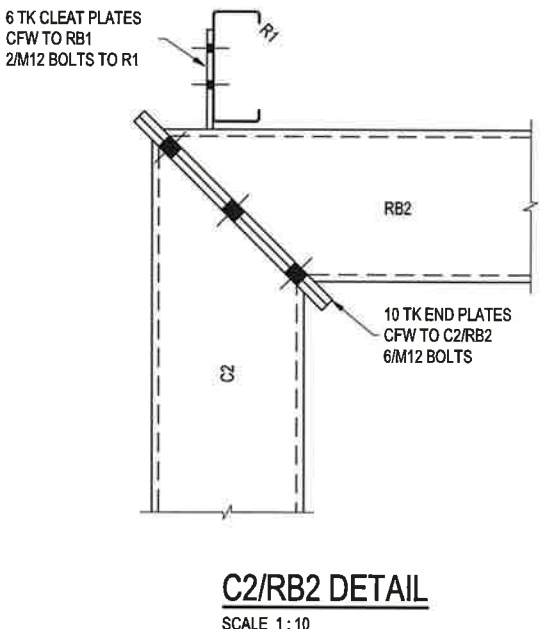
Dwg No.	D26.241- S101
Revision	A



ROOF FRAMING PLAN
SCALE 1:100



C1/RB1 DETAIL
SCALE 1:10

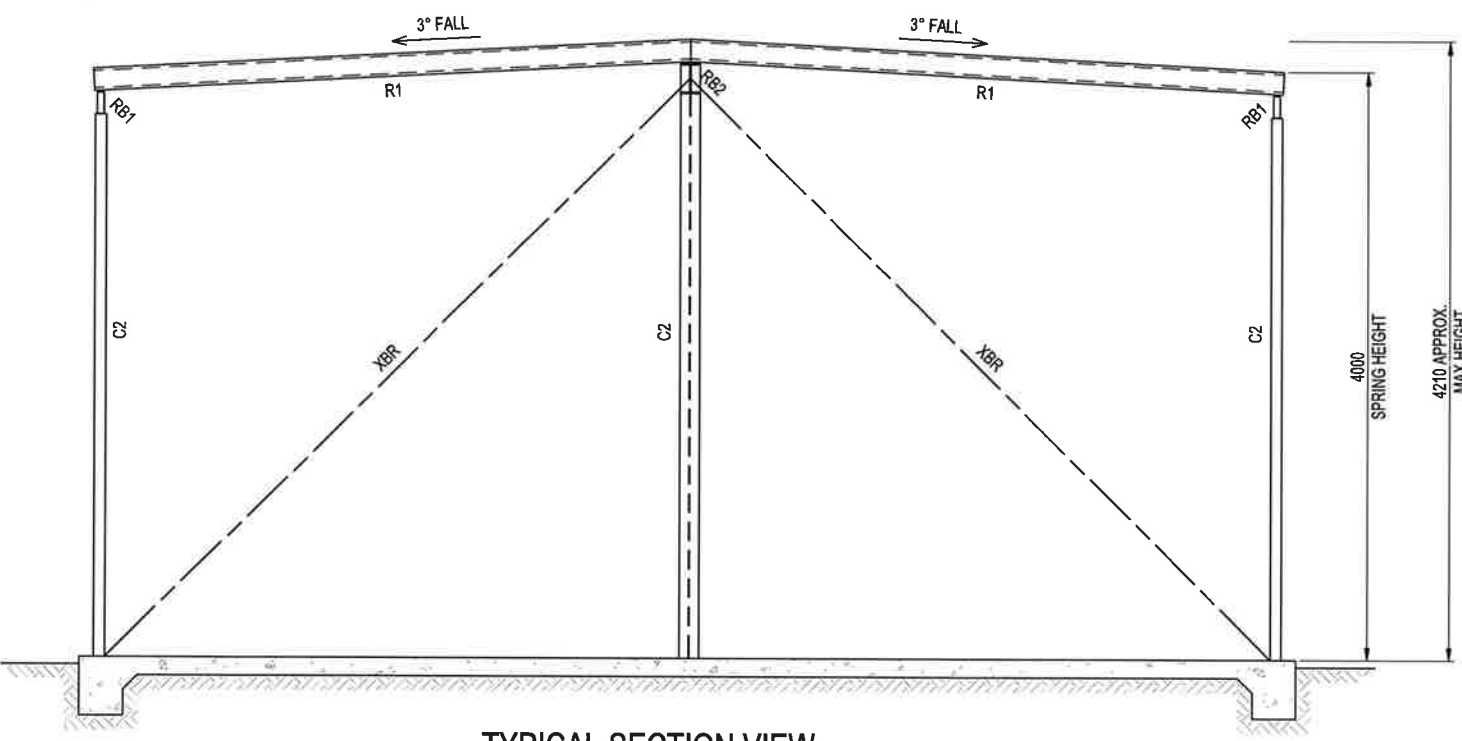


C2/RB2 DETAIL
SCALE 1:10

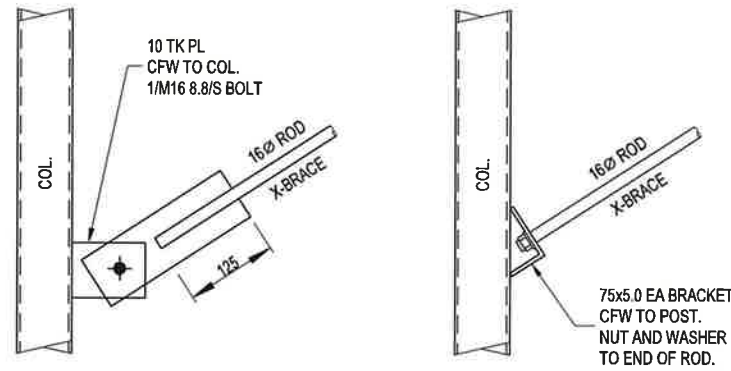
LEGEND	
XBR	DENOTES X-BRACE. REFER DETAIL.

ROOF FRAMING SCHEDULE			
MARK	DESCRIPTION	SIZE	TIE DOWN/COMMENT
RB1	ROOF BEAM	150x50x2.5 RHS	REFER DETAILING
RB2	ROOF BEAM	200 UB22	REFER DETAILING
R1	RAFTER	C150-15 AT 840 MAX CTRS	REFER DETAILING

NOTE: ALTERNATIVE FRAMING SOLUTIONS PROVIDED BY FRAMING SUPPLIER TO BE DESIGNED AND CERTIFIED BY THE SUPPLIER. CONNECTORS TO BE INSTALLED TO MANUFACTURER'S SPECIFICATIONS. ALL TIMBER FRAMING TO BE IN ACCORDANCE WITH AS1684.3 BATTENS NOT SHOWN ON PLANS FOR CLARITY.



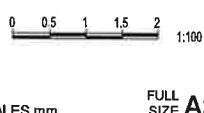
TYPICAL SECTION VIEW
SCALE 1:50
NOTE: DESIGN ASSUMES STORED GOODS BLOCK 50% OR LESS OF THE CROSS SECTIONAL AREA.
NOTE: PROPOSED STRUCTURE TO REMAIN UN-ENCLOSED ON ALL WALLS.



TYPICAL X-BRACE CONNECTIONS
SCALE 1:10

COLUMN SCHEDULE			
MARK	DESCRIPTION	SIZE	CORROSION PROTECTION
C1	STEEL COLUMN	200UB29	GALV.
C2	STEEL COLUMN	75x4.0 SHS	GALV.

NOTE: REFER STEEL NOTES, DRAWING -02, FOR FURTHER INFORMATION ON CORROSION PROTECTION SYSTEM



CONSTRUCTION
ISSUE

REV	REVISION DESCRIPTION	DATE
A	FOR CONSTRUCTION	09/07/2026

DILEIGH
CIVIL / STRUCTURAL DESIGN & PROJECT MANAGEMENT

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Approved	R ENGLISH
RPEQ	37332
10/07/2026	

PEARCE
PROPOSED CARPORT
348 GEORGE STREET, DEPOT HILL, QLD 4700
ROOF FRAMING PLAN & DETAILS

Dwg No.	D26.241- S111
Revision	A