

GENERAL NOTES:

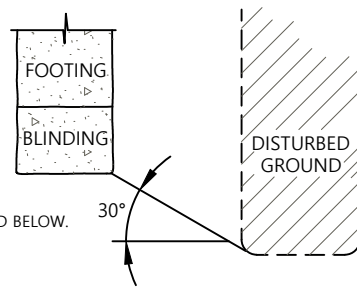
- G1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER ENGINEERING DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ALL DISCREPANCIES SHALL BE REFERRED TO THE ENGINEER FOR DECISION BEFORE ORDERING MATERIALS OR PROCEEDING WITH THE WORK.
- G2. THE APPROVAL OF A SUBSTITUTION BY THE ENGINEER IS NOT AN AUTHORIZATION OF A COST VARIATION. ANY COST VARIATION INVOLVED MUST BE APPROVED BY THE PROJECT MANAGER BEFORE THE WORK COMMENCES.
- G3. THE BUILDER SHALL ENSURE THAT DURING CONSTRUCTION, THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND THAT NO PART SHALL BE OVERSTRESSED. THE BUILDER SHALL PROVIDE ALL TEMPORARY BRACING AND PROPPING AS NECESSARY, INCLUDING ANY TEMPORARY SUPPORT FOR EXCAVATIONS.
- G4. THE STRUCTURAL DRAWINGS DO NOT SHOW DETAILS OF ALL FIXTURES, INSERTS, SLEEVES, OPENINGS ETC., REQUIRED BY THE VARIOUS TRADES. ALL SUCH DETAILS, INCLUDING OPENINGS FOR CONSTRUCTION PURPOSES, SHALL BE OBTAINED FROM THE ARCHITECT'S OR OTHER CONSULTANT'S DRAWINGS AND/OR FROM THE VARIOUS TRADES AND SHALL BE APPROVED BY THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
- G5. ALL PENETRATIONS AND SET DOWNS SHOWN ON DRAWINGS ARE INDICATIVE ONLY. THE BUILDER SHALL CO-ORDINATE ALL SERVICES AND ENSURE THAT THE FINAL LOCATION AND SIZES OF PENETRATIONS ARE CONFIRMED BY THE APPROPRIATE SUB-CONTRACTOR. FINAL DETAILS TO BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL.
- G6. ALL WORK TO COMPLY WITH THE LATEST SAA CODES AND AMENDMENTS.
- G7. BRICK OR MASONRY WALLS AND ANY OTHER NON-STRUCTURAL PANELS ARE TO BE SECURELY FIXED INTO THE STRUCTURE.
- G8. IF IN DOUBT - ASK.

EARTHWORKS:

- E1. REMOVE ANY TREE STUMPS, RUBBISH, ETC & REPLACE WITH CLEAN COMPACTED SAND FILL. ENSURE NO VEGETATION OR ORGANIC MATTER EXISTS IN THE SOIL STRATA FOR A DEPTH OF AT LEAST 1000mm BELOW FOOTINGS & 2000mm WIDER THAN BUILDING FOOTPRINT.
- E2. THE BUILDER IS TO STRICTLY FOLLOW ANY SITE PREPARATIONS REQUIREMENTS STATED IN THE GEOTECHNICAL ENGINEER'S REPORT IF PROVIDED.
- E3. ALL GRANULAR SOIL (SAND) COMPACTION TESTS TO BE CARRIED OUT USING A STANDARD FALLING WEIGHT (PERTH) PENETROMETER.
- E4. THE BUILDER IS RESPONSIBLE FOR SELECTING & PERFORMING AN APPROPRIATE COMPACTION METHOD TO ACHIEVE THE ABOVE STATED COMPACTION REQUIREMENTS. DO NOT USE COMPACTION METHODS THAT MAY CAUSE DAMAGE TO NEIGHBOURING STRUCTURES.
- E5. IT IS THE BUILDER'S RESPONSIBILITY TO ARRANGE FOR COMPACTION TESTING & ARRANGE CERTIFICATION AS REQUIRED BY THE RELEVANT LOCAL BUILDING AUTHORITY.
- E6. COMPACTION CERTIFICATES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE POURING OF ANY CONCRETE.
- E7. THE BUILDER IS TO ALLOW FOR & PROVIDE DILAPIDATION REPORTS OF ALL EXISTING NEIGHBOURING STRUCTURES PRIOR TO COMMENCING WORKS (UNDERPINNING, PILING, EXCAVATING, COMPACTING, &/OR GROUND WORKS GENERALLY) & AS REQUIRED TO SATISFY LOCAL AUTHORITY REQUIREMENTS.
- E8. THE BUILDER IS TO ENSURE ALL STORM WATER & SITE DRAINAGE IS LOCATED/INSTALLED IN A MANNER THAT WILL HAVE NO IMPACT ON ANY NEW OR EXISTING STRUCTURES DURING CONSTRUCTION, INSTALLATION AND USAGE.

FOUNDATIONS:

- F1. FOUNDATIONS ARE DESIGNED FOR SITE CLASSIFICATION AS PER DESIGN CRITERIA.
- F2. SITE PREPARATION IS TO BE UNDERTAKEN IN ACCORDANCE 'AS 2870'.
- F3. SUB-BASE FOR SLABS ON GROUND AND BACKFILL OVER FOOTINGS SHALL BE IN ACCORDANCE WITH 'AS 2870'.
- F4. SOIL UNDER FOOTINGS TO BE CLEAN SAND, AREAS OF UNSUITABLE MATERIAL TO BE EXCAVATED, BACK FILLED AND COMPACTED TO THE REQUIRED RELATIVE DENSITY
- F5. BUILDER TO OBTAIN COMPACTION CERTIFICATE FROM A QUALIFIED ENGINEER PRIOR TO POURING FOOTINGS, COMPACT UNDER FOOTINGS TO 80% RELATIVE DENSITY AND UNDER SLAB TO 70% RELATIVE DENSITY
- F6. ALTERNATIVELY COMPACT UNDER FOOTINGS TO OBTAIN 8 BLOWS PER 300mm TO A DEPTH OF 900mm USING A STANDARD PERTH SANDS PENETROMETER.
- F7. LOCATE FOOTINGS CENTRALLY UNDER WALLS AND COLUMNS UNLESS OTHERWISE SHOWN.
- F8. UNLESS NOTED OTHERWISE, WHEREVER A NEW FOOTING IS LOCATED CLOSE TO AN EXCAVATION, BATTER, EXISTING FOOTING, RETAINING WALL, EXISTING SERVICE OR NEW SERVICE WHICH IS DEEPER THAN THE NEW FOOTING THE EXCAVATION FOR THE NEW FOOTING SHALL BE DEEPENED AND BACKFILLED WITH BLINDING CONCRETE AS INDICATED BELOW.



CONCRETE:

- C1. COMPLY WITH REQUIREMENTS OF AS 3600
- C2. LOCATE CONDUITS AND PIPES IN CENTRE OF SLABS, WITH A MINIMUM OF 40mm BETWEEN THEM
- C3. AGGREGATE SHALL BE DENSE AGGREGATE TO AS 2758 (UNLESS OTHERWISE INDICATED) FROM AN APPROVED SOURCE. THE MAXIMUM SIZE OF COARSE AGGREGATE SHALL BE 20 mm GENERALLY, BUT NOT GREATER THAN 14 mm IN WALLS LESS THAN 150 mm THICK; UNLESS OTHERWISE NOTED.
- C4. ADMIXTURES AND CURING COMPOUNDS SHALL NOT BE USED UNLESS APPROVED BY THE ENGINEER.
- C5. HOLES SHALL NOT BE CUT IN ANY STRUCTURAL CONCRETE WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
- C6. CONCRETE TESTING SHALL COMPLY WITH THE REQUIREMENTS OF AS 3600 - FOR PROJECT ASSESSMENT. CONSTRUCTION JOINTS ADDITIONAL TO THOSE SHOWN ON THE DRAWINGS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. ALL CONSTRUCTION JOINTS TO BE FULLY SCABBLED TO REMOVE ALL LAITENCE AND POORLY COMPACTED MATERIAL.
- C7. CURING SHALL COMPLY WITH THE SPECIFICATION. UNLESS OTHERWISE NOTED, SLABS SHALL BE THOROUGHLY WETTED, THEN COVERED FOR A MINIMUM OF 7 DAYS WITH 0.2 mm THICK POLYTHENE SHEETING, WHICH SHALL BE SECURELY FIXED AGAINST TRAFFIC AND WIND AND OVERLAPPED 300 mm MINIMUM AT JOINTS.
- C8. CONCRETE SIZES SHOWN DO NOT INCLUDE FINISH.
- C9. CONCRETE TO BE COMPACTED USING APPROVED INTERNAL VIBRATORS U.N.O.
- C10. CONCRETE TO BE SUPPLIED BY AN APPROVED PREMIX COMPANY USING TYPE A CEMENT, UNLESS OTHERWISE APPROVED.
- C11. NO BLENDED CEMENT TO BE USED UNLESS APPROVED BY ENGINEER.
- C12. ALL REINFORCEMENT TO BE INSPECTED PRIOR TO POURING CONCRETE, 24 HOURS NOTICE TO BE GIVEN TO ENGINEER PRIOR TO REINFORCEMENT INSPECTION.
- C13. FORM WORK IS TO BE STRIPPED IN ACCORDANCE WITH AS 3610
- C14. CONCRETE SHALL NOT BE PLACED BY PUMP UNLESS APPROVED BY ENGINEER.
- C15. ALL HOLD DOWN BOLTS AND OTHER CAST IN FITTINGS MUST BE FIXED IN POSITION BEFORE CONCRETE IS POURED.

CONCRETE CHARACTERISTICS			
	F _c MPa	MAX. AGGREGATE (mm)	SLUMP
FOOTINGS	25	20	80
GROUND SLAB	25	20	80

REINFORCEMENT:

- R1. SYMBOLS -
'N' DENOTES TEMPORE DEFORMED BAR TO AS/NZS4671
'R' DENOTES STRUCTURAL GRADE ROUND BAR TO AS/NZS4671
'HD' DENOTES HARD DRAWN WIRE TO AS/NZS4671
'S' DENOTES STRUCTURAL GRADE DEFORMED BAR TO AS/NZS4671
- R2. STEEL FABRIC TO COMPLY WITH AS4671
REINFORCEMENT IS DETAILED ON THE DRAWINGS THUS:
PLAIN BARS (GRADE 250R).....e.g. R10
WELDED WIRE FABRIC (GRADE 500).....e.g. RL718 (GRADE 450 e.g. F718)
TEMPCORE HOT ROLLED BARS (GRADE 500).....e.g. N16 (GRADE 450 e.g. Y16)
- R3. REINFORCE ALL RE-ENTRANT CORNERS WITH 1 N20 x 1200 LONG BAR CENTRAL IN SLAB AT 45°
- R4. HOOKS AND COGS SHALL COMPLY WITH AS 3600 UNLESS OTHERWISE SHOWN.
- R5. ALL REINFORCEMENT SHALL BE HELD RIGIDLY IN POSITION WITHIN THE SPECIFIED TOLERANCES BEFORE AND DURING CONCRETE PLACING, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. NON CORROSIVE BAR CHAIRS SHALL BE USED FOR ALL OFF FORM SURFACES. FORM WORK AND REINFORCEMENT TO BE CLEANED PRIOR TO CONCRETING
- R6. CONDUITS ETC. SHALL BE FABRICATED AND INSTALLED SO THAT NO CUTTING, BENDING OR DISPLACEMENT OF THE REINFORCEMENT FROM ITS PROPER POSITION WILL BE REQUIRED.
- R7. DETAILS OF REINFORCEMENT AT APPROVED PENETRATIONS SHALL BE AS SHOWN ON THE DRAWINGS, OR AS DIRECTED BY THE ENGINEER ON THE SITE. DISPLACE REINFORCEMENT TO EITHER SIDE OF SLAB PENETRATIONS UNLESS NOTED OTHERWISE.
- R8. UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE FOLLOWING COVER TO REINFORCING BARS, INCLUDING LIGATURES AND TIES, SHALL BE PROVIDED BASED ON THE BUILDING BEING GREATER THAN 1km FROM THE COAST:

COVER TO REINFORCEMENT U.N.O.		
	COVER	
	INTERNAL	EXTERNAL
GROUND	30MM TOP	40MM TOP
FOOTINGS	-	50MM BTM

- R9. CONCRETE BELOW GROUND IN WALLS, BEAMS, COLUMNS OR PEDESTALS SHALL BE PLACED INTO PROPERLY CONSTRUCTED FORMS. IF APPROVED BY THE ENGINEER, CONCRETE MAY BE PLACED AGAINST AN EARTH FACE BUT THE CONCRETE DIMENSIONS SHOWN ON THE DRAWINGS SHALL BE INCREASED TO PROVIDE 20 mm ADDITIONAL COVER TO THE REINFORCEMENT ADJACENT TO THE EARTH FACE.
- R10. SPLICES SHALL ONLY BE USED AS SHOWN ON THE DRAWINGS OR WHEN BARS LONGER THAN NORMAL STOCK LENGTH WOULD BE REQUIRED. IN LAP SPLICES, THE OVERLAP LENGTH SHALL BE FABRICS-250mm, N-50 DIAMETERS, S-32 DIAMETERS, R&HD-50 DIAMETERS U.N.O.
- R11. WELDING OF REINFORCEMENT SHALL NOT BE ALLOWED WITHOUT THE APPROVAL OF THE ENGINEER. IN SLABS MAIN BARS SHALL BE PLACED OUTSIDE THE SECONDARY REINFORCEMENT, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- R12. IN WALLS THE VERTICAL REINFORCEMENT SHALL BE PLACED INSIDE THE HORIZONTAL REINFORCEMENT, UNLESS OTHERWISE SHOWN ON DRAWINGS.

STRUCTURAL STEEL:

- S1. COMPLY WITH AS 4100, AS 4600 AND 1554.
- S2. ALL STRUCTURAL STEEL SHALL BE:
GRADE 250 FOR HOT ROLLED PLATES.
GRADE 300PLUS FOR UB, UC, WB, WC, PFC, ANGLES AND FLATS.
GRADE 350 FOR RHS, CHS TO AS 1163, AS 1594, AS 3678 AND AS 3679 UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- S3. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE FABRICATION COMMENCES.
- S4. CORRECT ALL MEMBER DISTORTIONS BEFORE AND AFTER WELDING.
- S5. MEMBER CONNECTIONS TO DEVELOP FULL STRENGTH OF MEMBERS, MINIMUM WELDS ARE 6mm FILLET CONTINUOUS. MINIMUM CONNECTION TO BE EX10 PLATE 6MM CFW WITH 2 X M16 8.8/S BOLTS TYP.
- S6. CLEATS, CONNECTIONS, HOLES, LINTELS AND OTHER MISCELLANEOUS STEELWORK SHALL BE PROVIDED AS REQUIRED BY THE ARCHITECTURAL OR OTHER CONSULTANT'S DRAWINGS OR SPECIFICATIONS IN PARTICULAR PROVIDE TRIMMERS TO SUPPORT EDGES OF ROOF SHEETING AT HIPS, VALLEYS, PENETRATIONS AND ANY OTHER UNSUPPORTED EDGES.
- S7. ALL STEELWORK, EXCEPT THAT ENCASED IN CONCRETE OR AT THE MATING SURFACES OF BOLTED CONNECTIONS FULLY TENSIONED IN THE FRICTION MODE (8.8/TF), SHALL BE PREPARED AND SHOP PRIMED IN ACCORDANCE WITH THE STRUCTURAL STEELWORK SPECIFICATION AND COATED IN THE FIELD AS SPECIFIED BY THE ARCHITECT.
- S8. ALL BASE PLATES TO BE SET ON 30mm 1:2 CEMENT SAND MORTAR
- S9. GALVANIZED STEELWORK THAT IS SITE WELDED OR SUSTAINS ANY OTHER KIND OF SURFACE DAMAGE IS TO BE PREPARED TO AS 1627:2 CLASS 3 AND PRIMED WITH 2 COATS OF GALVANITE (MANUFACTURED BY JOTUN) TO MANUFACTURERS SPECIFICATION.
- S10. FULLY SEAL ALL HOLLOW SECTIONS USING 5mm PLATES U.N.O.

WELDING AND BOLTING:

- WB1. ALL FILLET WELDS SHALL BE AT LEAST 6mm FILLET CONTINUOUS FOR THE FULL CONTACT OF MEMBER, UNLESS OTHERWISE NOTED. WHERE PERMITTED, BUTT WELDS MUST DEVELOP THE FULL TENSILE STRENGTH OF THE MEMBER. ALL WELDING SHALL BE CATEGORY "SP", UNLESS OTHERWISE NOTED.
- WB2. ALL BOLTS SHALL BE COMMERCIAL GRADE TO AS 1111 OR HIGH TENSILE TO AS 1252, USED IN CONFORMITY WITH AS 4100.
COMMERCIAL GRADE BOLTS ARE DENOTED THUS: M20 4.6/S
HIGH TENSILE BOLTS FULLY TENSIONED: M20 8.8/T.F.
HIGH TENSILE BOLTS IN BEARING, BUT TENSIONED: M20 8.8/T.B.
HIGH TENSILE BOLTS SNUG TIGHT: M20 8.8/S
- WB3. WHERE FULLY TENSIONED BOLTS ARE REQUIRED LOAD INDICATING WASHERS ARE TO BE USED. ALL BOLT HOLES SHALL BE 2mm LARGER THAN THE NOMINAL BOLT DIAMETER, UNLESS OTHERWISE NOTED, UNLESS NOTED OTHERWISE, ALL CLEATS TO BE 10mm THICK.
- WB4. CADMIUM PLATE ALL BOLTS, NUTS AND WASHERS U.N.O. HOLDING DOWN BOLTS, NUTS AND WASHERS ARE TO BE HOT DIP GALVANIZED.
- WB5. USE FULL PENETRATION BUTT WELDS TO SPLICE MEMBERS U.N.O.

STEELWORK PROTECTIVE TREATMENT:

- SP1. CORROSION PROTECTION OF BUILT IN STRUCTURAL STEEL MEMBERS SUCH AS LINTELS, SHELF ANGLES, CONNECTORS, ACCESSORIES (OTHER THAN WALL TIES) AND THE LIKE SHALL BE IN ACCORDANCE WITH PART 3.3.3.5 OF THE BUILDING CODE OF AUSTRALIA.
- SP2. STRUCTURAL STEEL MEMBERS THAT ARE NOT BUILT INTO A MASONRY WALL MUST BE PROTECTED AGAINST CORROSION IN ACCORDANCE WITH TABLE 3.4.4.2 OF THE BUILDING CODE OF AUSTRALIA.
- SP3. ALL STEELWORK LOCATED PERMANENTLY BELOW AND IN CONTACT WITH FINISHED GROUND LEVEL SHALL BE TREATED AS FOLLOWS -
--- SANDBLAST IN ACCORDANCE WITH AS1627 TO GIVE A CLASS 3 SURFACE.
--- 75 MICRONS MIN DRY FILM THICKNESS OF INORGANIC ZINC SILICATE TO AS3750.15. THE INORGANIC ZINC SILICATE SHALL BE THE ALKALI SILICATE TYPE CONTAINING SUFFICIENT ZINC DUST SO THAT THE DRY FILM CONTAINS A MIN. OF 85% METALLIC ZINC BY WEIGHT.
--- APPLY TWO COATS OF BITUMINOUS EPOXY DULUX 'AMBERCOAT 385' OR EQUIVALENT, TO A TOTAL DRY FILM THICKNESS OF 100 MICRONS.
- SP4. ALL EXTERNAL STEELWORK, CAVITY COLUMNS TO BE HOT DIPPED GALVANIZED

CODES:

- CD1. ALL WORK AND MATERIALS SHALL CONFORM TO CURRENT AUSTRALIAN STANDARDS, AND TO THE BUILDING REGULATIONS 1994. IN PARTICULAR, THE FOLLOWING STANDARDS SHALL BE READ AS PART OF THESE GENERAL NOTES, AND COPIES SHALL BE KEPT ON SITE WITH THE BUILDING DOCUMENTS:
AS 3600 - SAA CONCRETE STRUCTURES CODE
AS 4100 - SAA STEEL STRUCTURES CODE
AS 1554 - SAA WELDING CODE
AS 3700 - SAA MASONRY CODE
AS 1720 - SAA TIMBER ENGINEERING CODE
AS 1684 - SAA LIGHT TIMBER FRAMING CODE
AS 2870 - SAA RESIDENTIAL SLABS AND FOOTINGS - CONSTRUCTION
AS 4055 - SAA WIND LOADS FOR HOUSING

**PROPOSED CARPORT
52 GRAFTON STREET,
BAYSWATER**

DRAWING SCHEDULE	
DWG NUMBER	DRAWING TITLE
S000	GENERAL NOTES AND DRAWING SCHEDULE
S010	PROPOSED LAYOUTS
S011	SECTIONS AND DETAILS SHEET 1
S012	SECTIONS AND DETAILS SHEET 2
S013	PROPOSED ELEVATION

DESIGN CRITERIA:

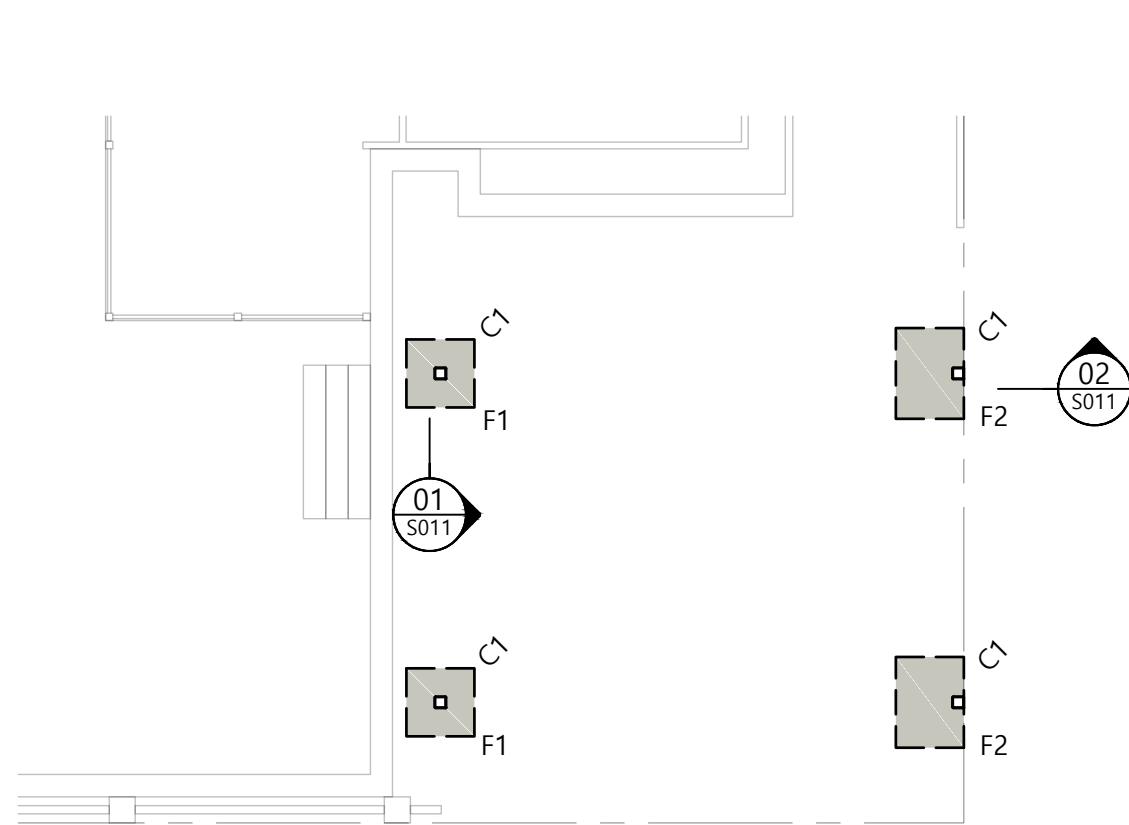
SOIL CLASSIFICATION (CONFIRMED BY BUILDER) TO AS 2870	CLASS A
REQUIRED ALLOWABLE BEARING PRESSURE	150KPA
WIND LOADING CLASSIFICATION TO AS4055	A
WIND REGION	N2
TERRAIN CATEGORY	TC2
SHIELDING	PS
TOPOGRAPHY	T0
LIVE LOAD ALLOWANCE TO AS1170.1	
INTERNAL	1.5KPA
EXTERNAL	2.0KPA
ROOF (CONSTRUCTION LOADS)	0.25KPA
ROOF DEAD LOADING - SHEETED	0.4KPA

REV	DATE	CHKD	DESCRIPTION
A	30.01.23	SC	ISSUED FOR BUILDING LICENCE

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PROJECT: PROPOSED CARPORT 52 GRAFTON STREET, BAYSWATER		SEVRIN CLEMENTS	
TITLE: GENERAL NOTES AND DRAWING SCHEDULE		SIGNED _____ (B. Eng.) STRUCTURAL ENGINEER MIEAust No. 3234486	
DRAWN	FR	SCALE: NTS	SHEET SIZE: A3
DESIGNED	SC	DRG No: S220745 -S000	REV: A
CHECKED	SC		

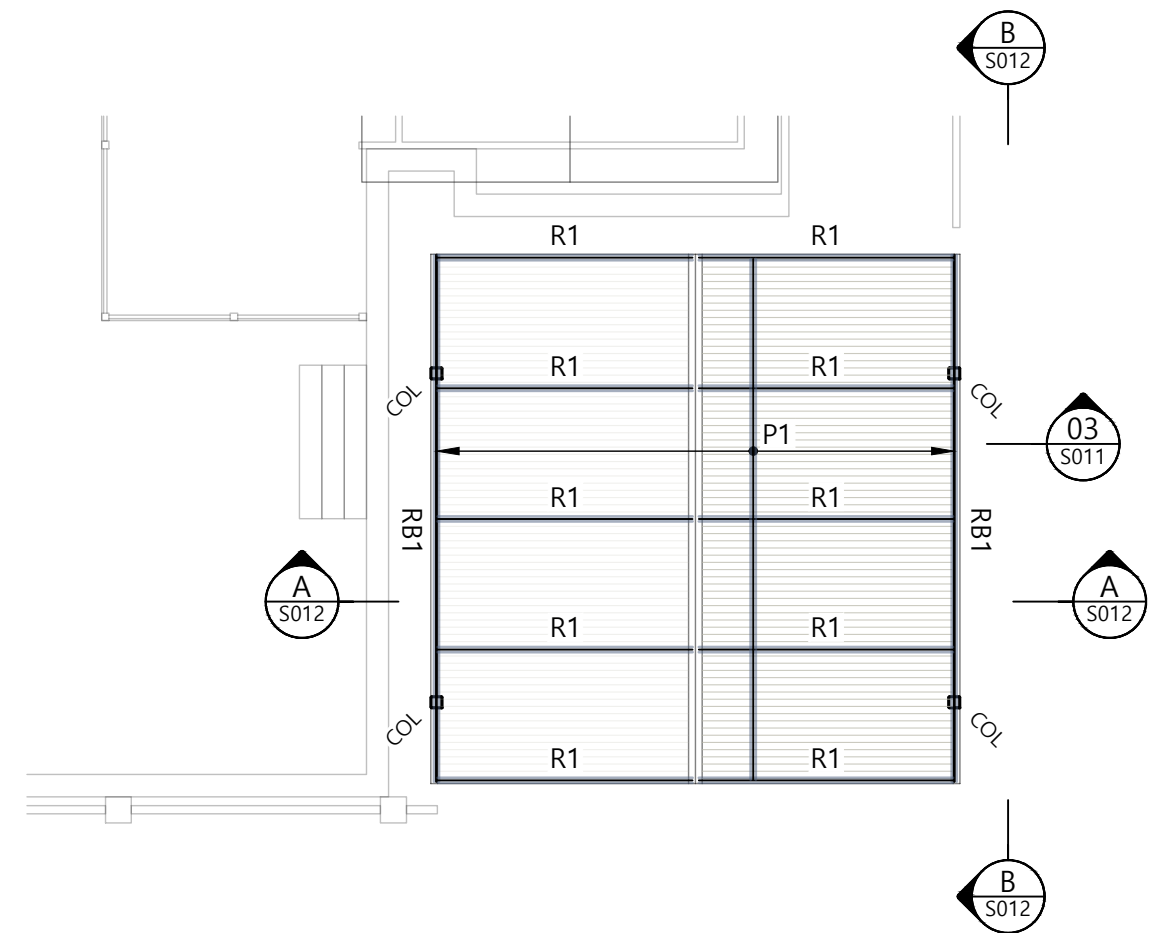


FOUNDATION AND GROUND SLAB LAYOUT
SCALE 1:100

NOTES:

- REFER TO ARCH FOR LEVELS AND SETDOWNS.
- DO NOT UNDERMINE OR SURCHARGE ANY EXISTING BOUNDARY WALLS. BUILDER TO CONFIRM SITE LEVELS PRIOR TO PROCEEDING AND TO CONTACT ENGINEER TO RESOLVE ANY ISSUES.
- BUILDER TO CONFIRM ALL SITE LEVELS AND RETAINING LEVELS PRIOR TO ANY EXCAVATION OR CONSTRUCTION. ADVISE ENGINEER IF ANY DIFFERENTIAL LEVELS EXIST BEFORE BACKFILLING.

FOUNDATION SCHEDULE		
MARK	SIZE	COMMENTS
F1	900x900x400DP	SL82 TOP/BTM
F2	900x1200x400DP	SL82 TOP/BTM +N12-400 'U' BARS TOP COG ENDS DOWN



ROOF LAYOUT
SCALE 1:100

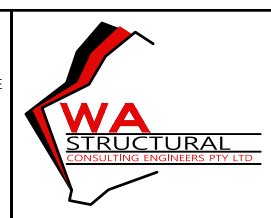
NOTES:

- REFER TYPICAL CONNECTIONS DETAILS U.N.O.
- FULLY WELDED FRAME STRUCTURE MIN 8mm GPFW ALL AROUND

MEMBER SCHEDULE		
MARK	SIZE	COMMENTS
C1	150x5.0 SHS	-
RB1	200x100x5 RHS	-
R1	150x100x4 RHS	-
P1	75x50x1.6 RHS	AT 1200C/C NOM.

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BAYSWATER

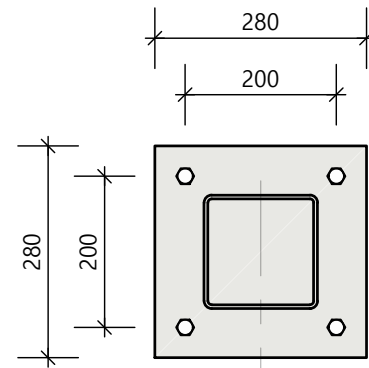
TITLE:
PROPOSED LAYOUTS

SEVRIN CLEMENTS
SIGNED: *Sevrin Clements*
(B. Eng.) STRUCTURAL ENGINEER
MIEAust No. 3234486

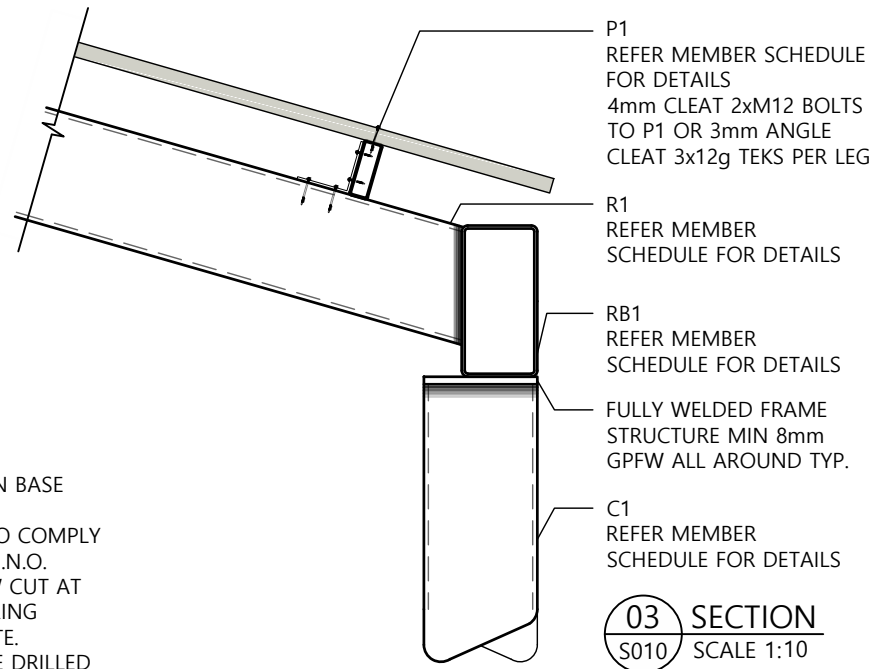
SEVRIN CLEMENTS
(B. Eng.) Structural Engineer
MIEAust - 3234486

ENGINEERS AUSTRALIA

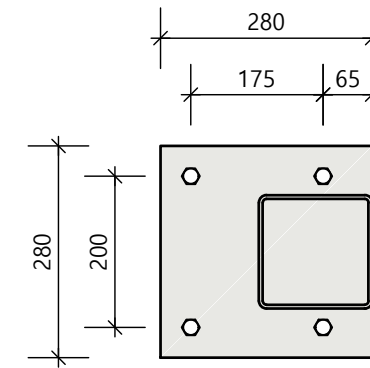
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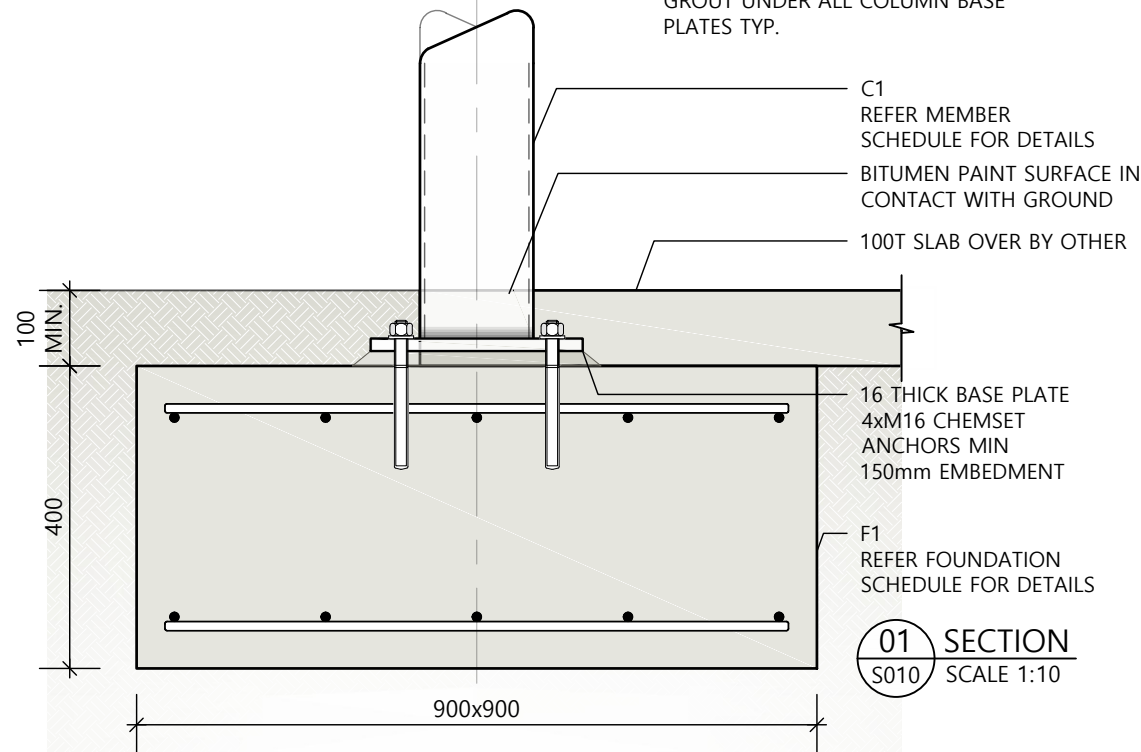
- TYPICAL BASEPLATE NOTES:**
1. PROVIDE Ø14mm HOLES IN BASE PLATE FOR GROUT EGRESS
 2. STEEL FOR BASE PLATES TO COMPLY WITH AS 3678, GRADE 250 U.N.O.
 3. ALL COLUMNS TO BE SAW CUT AT BASE TO ACHIEVE FULL BEARING CONTACT TO THE BASE PLATE.
 4. ALL BOLT HOLES SHALL BE DRILLED
 5. ERECTOR TO BRACE COLUMNS UNTIL ALL ROOF MEMBERS ATTACHED
 6. PROVIDE MIN 20mm FULLY BEDDED GROUT UNDER ALL COLUMN BASE PLATES TYP.



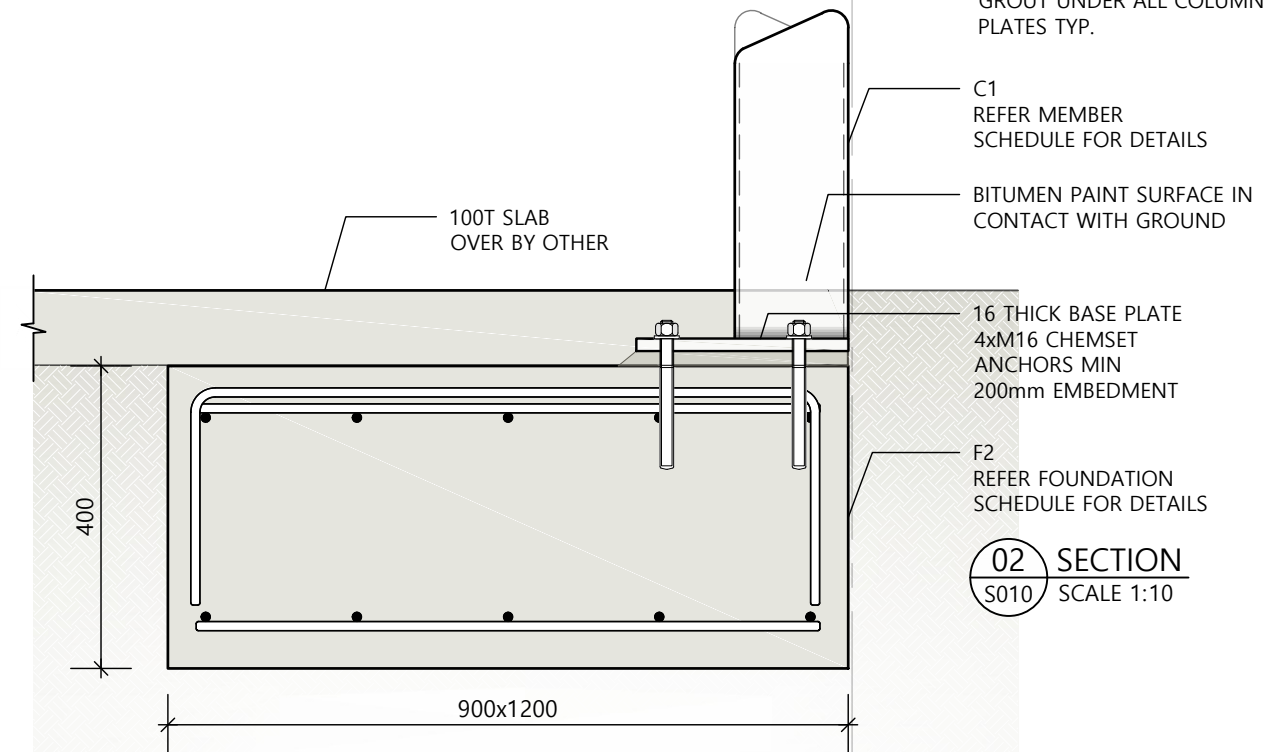
03 SECTION
S010 SCALE 1:10



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01 SECTION
S010 SCALE 1:10



02 SECTION
S010 SCALE 1:10

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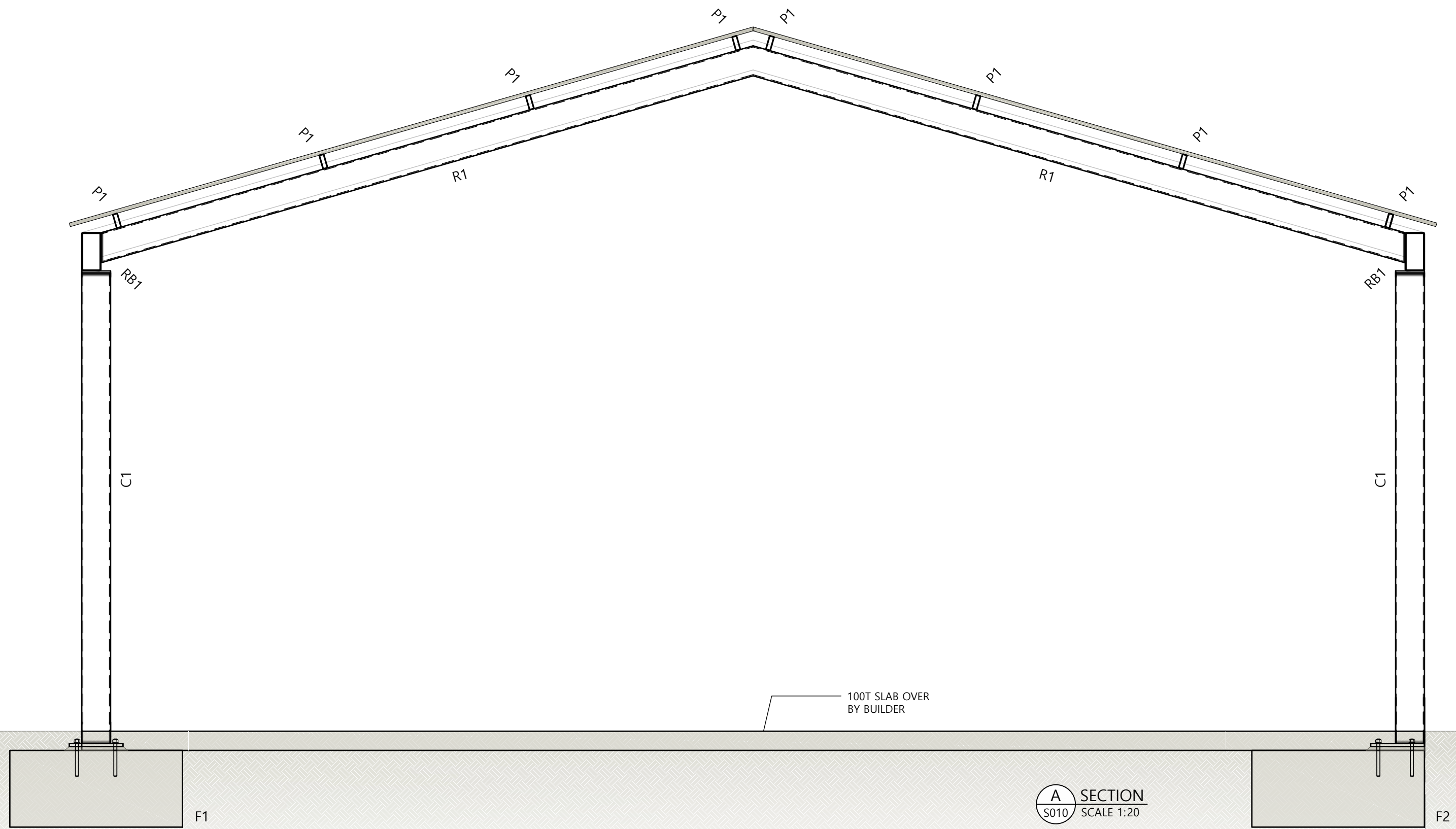
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PROJECT:
PROPOSED CARPORT
52 GRAFTON STREET,
BAYSWATER

TITLE:
SECTIONS AND DETAILS

SEVRIN CLEMENTS			
SIGNED		(B. Eng.) STRUCTURAL ENGINEER	
MIEAust No. 3234486		ENGINEERS AUSTRALIA	
DRAWN	FR	SCALE: 1:10	SHEET SIZE: A3
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REV	DATE	CHKD	DESCRIPTION
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PROJECT:
 PROPOSED CARPORT
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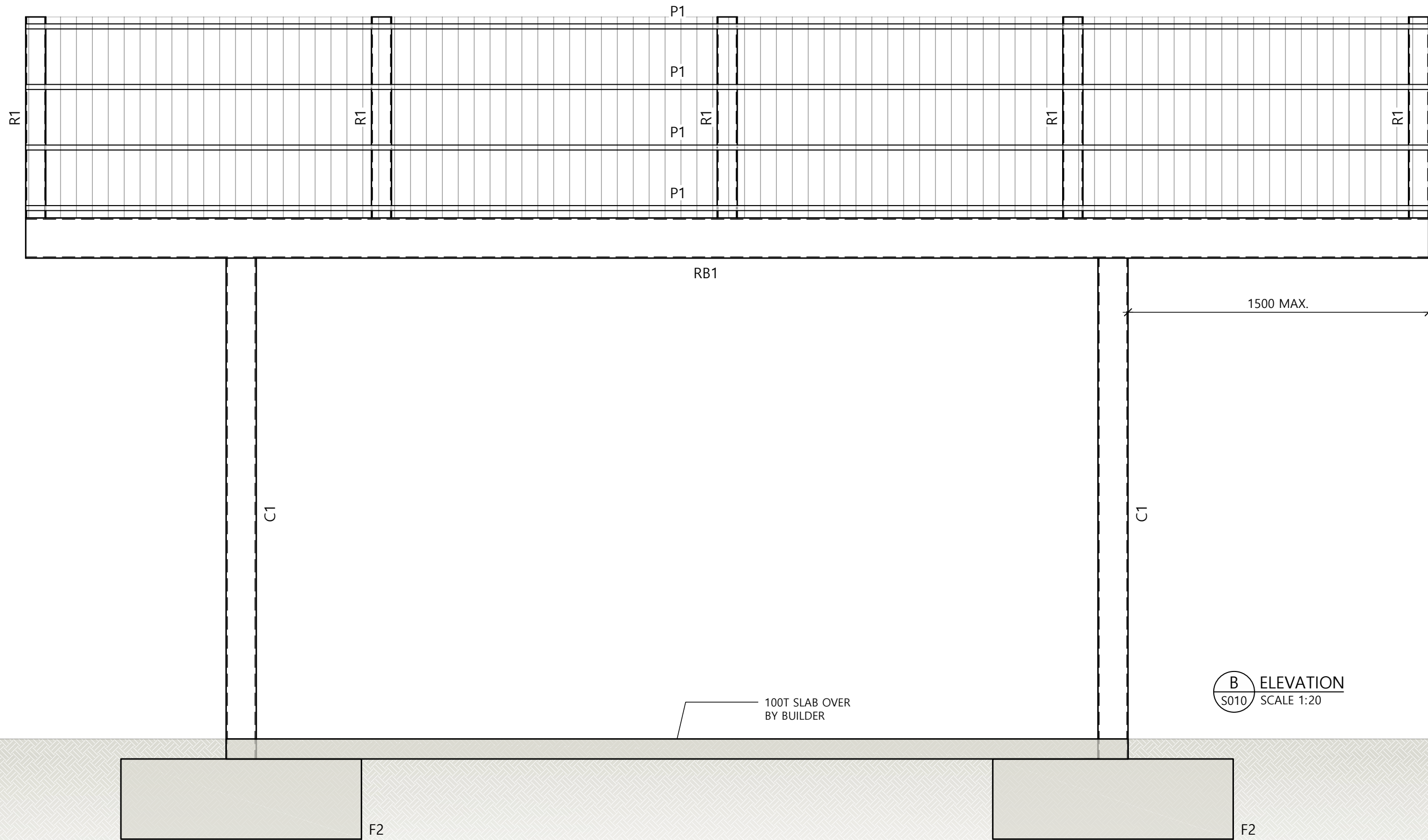
TITLE:
 SECTIONS AND DETAILS SHEET 2

SEVRIN CLEMENTS
 (B. Eng.) STRUCTURAL ENGINEER
 MIEAust No. 3234486

Sevrin

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PROJECT:
 PROPOSED CARPORT
 52 GRAFTON STREET,
 BAYSWATER

TITLE:
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SEVRIN CLEMENTS
 SIGNED: *Sevrin Clements*
 (B. Eng.) STRUCTURAL ENGINEER
 MIEAust No. 3234486

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