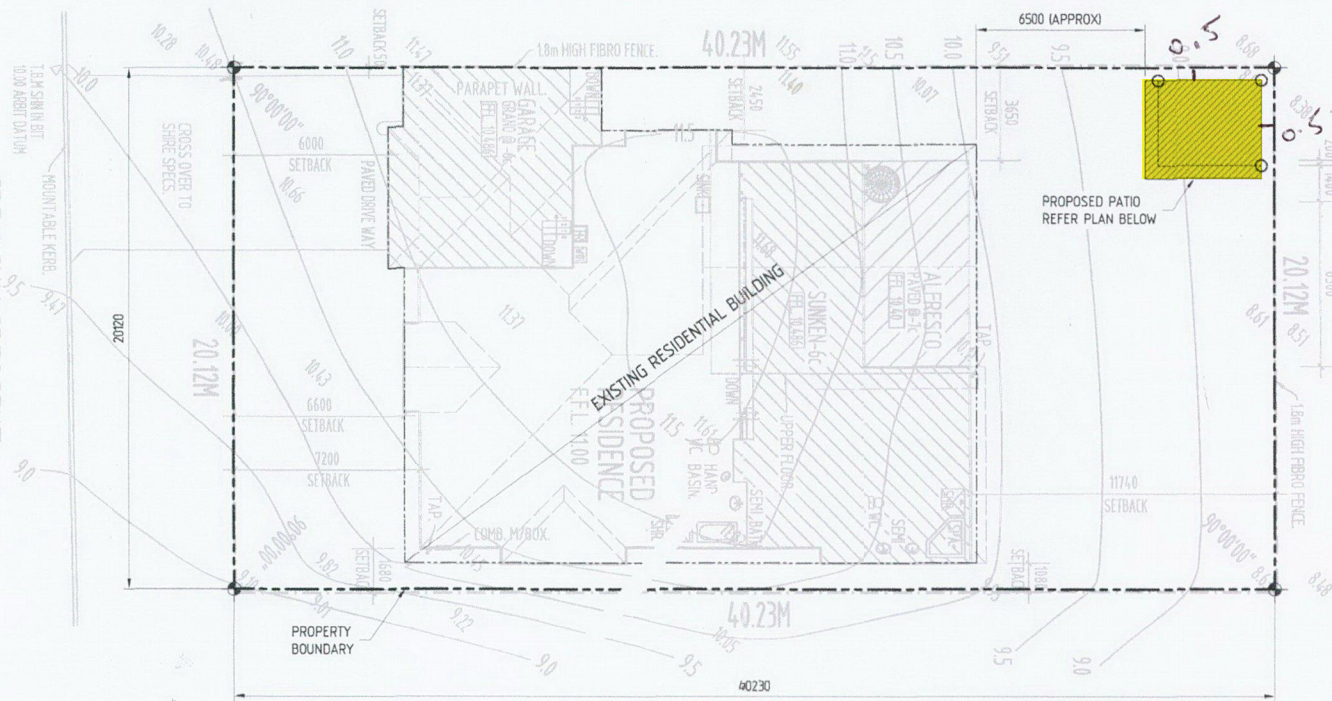
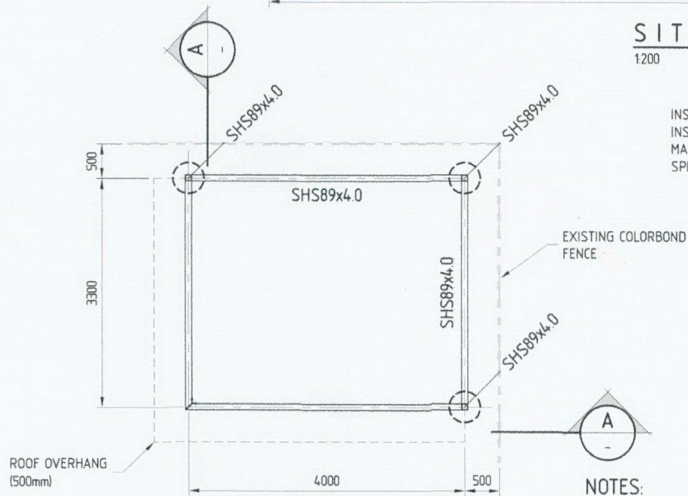


GREY GUM CRESCENT



SITE PLAN

1200

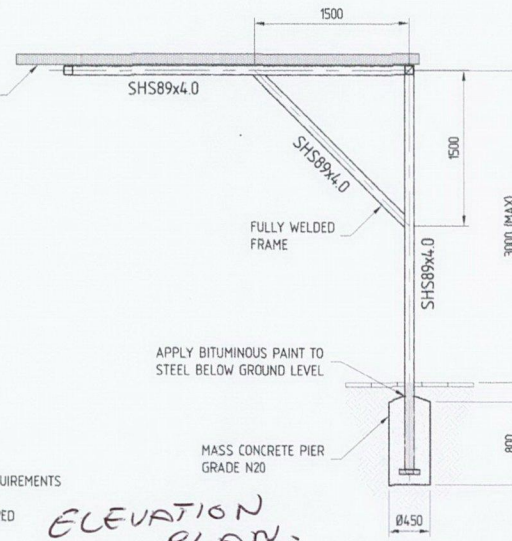


FLOOR PATIO PLAN

175

NOTES:

1. LOCAL AUTHORITIES' STATUTORY REQUIREMENTS ARE TO BE COMPLIED WITH
2. ALL STEELWORK SHALL BE HOT DIPPED GALVANISED AFTER FABRICATION



ELEVATION PLAN

10 GENERAL

- 11 ALL STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS.
- 12 ALL DIMENSIONS SHALL BE CONFIRMED ON SITE AND REPORT ANY DISCREPANCIES PRIOR TO COMMENCEMENT.
- 13 ALL DIMENSIONS SHALL NOT BE SCALED FROM DRAWINGS.
- 14 ALL STRUCTURAL DIMENSIONS ARE EXCLUSIVE OF FINISHES.
- 15 ALL CODES REFERRED TO SHALL BE CURRENT PUBLICATIONS INCLUDING THEIR LATEST REVISIONS.
- 16 ALL STRUCTURAL ELEMENTS ARE DESIGNED COMPLYING WITH THE FOLLOWING CODES:

- AS11701 - DEAD AND LIVE LOADS
- AS11702 - WIND LOADS
- AS11704 - EARTHQUAKE LOADS
- AS2870 - RESIDENTIAL SLABS AND FOOTINGS
- AS4100 - STEEL STRUCTURES CODE
- AS/NZS4600 - COLD FORMED STRUCTURES
- AS3600 - CONCRETE STRUCTURES

20 DESIGN CRITERIA

- 21 LOADS INCLUDED IN THE DESIGN OF THE STRUCTURE ARE AS DEFINED IN AS1170
- 21 PERMANENT & IMPOSED ACTIONS
 - DEAD ACTION - G = (SELF WEIGHT)
 - LIVE ACTION ON ROOF - Q = 0.25 kPa
- 22 WIND LOAD
 - WIND REGION - A1
 - TERRAIN CATEGORY - 3
 - Mt - 1
 - Ms - 1
 - WIND SPEED, ULT. (50 YEARS) - 45 m/s
 - SERV. (20 YEARS) - 37 m/s
- 23 EARTHQUAKE LOAD
 - IMPORTANCE LEVEL - 2
 - HAZARD FACTOR, Z - 0.09 (PERTH)
 - EARTHQUAKE DESIGN CATEGORY - II
- 24 SITE SOIL CLASSIFICATION IS ASSUMED TO BE 'CLASS A' PENDING GEOTECHNICAL REPORT. A COPY OF THIS REPORT SHALL BE FORWARDED TO INSTELSTEEL FOR CONFIRMATION OF FOUNDATION USED
- 25 THE STRUCTURE IS DESIGNED FOR AN ULTIMATE BEARING CAPACITY OF 150 kPa

30 STEELWORK NOTES

- 61 ALL STEELWORK SHALL COMPLY WITH AS4100 STEEL STRUCTURES CODE AND STANDARDS NOMINATED THEREIN. FABRICATION AND ERECTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE PROVISIONS OF AS4100 AND SAA/SNZ HB62
- 62 ALL WELDING SHALL COMPLY WITH AS/NZS1554
- 63 ALL MATERIALS SHALL BE AS FOLLOWS:
 - GRADE 300 HOT ROLLED PLATES COMPLYING WITH AS3678
 - GRADE 300 HOT ROLLED FLATS, TFC, TFB, ANGLE 100x100 EA OR 125x75 UA & SMALLER COMPLYING WITH AS3679.1
 - GRADE 300 UB, UC, PFC & ANGLES 125x125 EA OR 150x90 UA OR LARGER
 - GRADE 450 SHS, RHS, CHS COMPLYING WITH AS1163
- 64 CORROSION PROTECTION: ALL STRUCTURAL STEEL SHALL HAVE A MINIMUM SURFACE TREATMENT AS FOLLOWS:
 - WASHER, NUTS & BOLTS : HOT DIP GALVANISED
 - STRUCTURAL STEELWORK TO AS2312 : STRUCTURES WITHIN 1 km FROM COAST OR RIVER SHALL BE HOT DIP GALVANISED
 - STRUCTURES MORE THAN 1 km FROM COAST OR RIVER SHALL BE CLASS 2 BLAST CLEAN + 1 COAT INORGANIC ZINC SILICATE (MIN DRY FILM THICKNESS OF 75 MICRON)

ENGINEERS AUSTRALIA
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REV	BY	DATE	DESCRIPTION	CKD	SHEET SIZE : A3	CHKD	ENGT	DRN	JM	DATE	10.08.2022	CLIENT
A	JM	-	ISSUED FOR BUILDING APPROVAL	RP								
										MODEL: -		
										PROJECT NO: C1130		



DRG TITLE	30 GREY GUM CRESCENT, QUINNS ROCK OUTBUILDING - PATIO		
DRG TITLE	GENERAL ARRANGEMENT PLAN AND NOTES		
SCALE	AS SHOWN	DRG NO	C1130-DRG-S01
REV	A		