

date

6.09.2021

reference

36900-CR01_0.docx

receiver

Attn: Mr Symond
Carr

Po Box 1099
Mudgee NSW 2850

Dear Symond,

1:100yr Flood Height Analysis 31 Court St, Mudgee NSW 2850

With reference to your request to provide the 1:100yr flood level for 31 Court Street, Mudgee. A survey of the site has been conducted and is shown in **Appendix A**.

We have reviewed the following Mid-Western Regional Council documents:

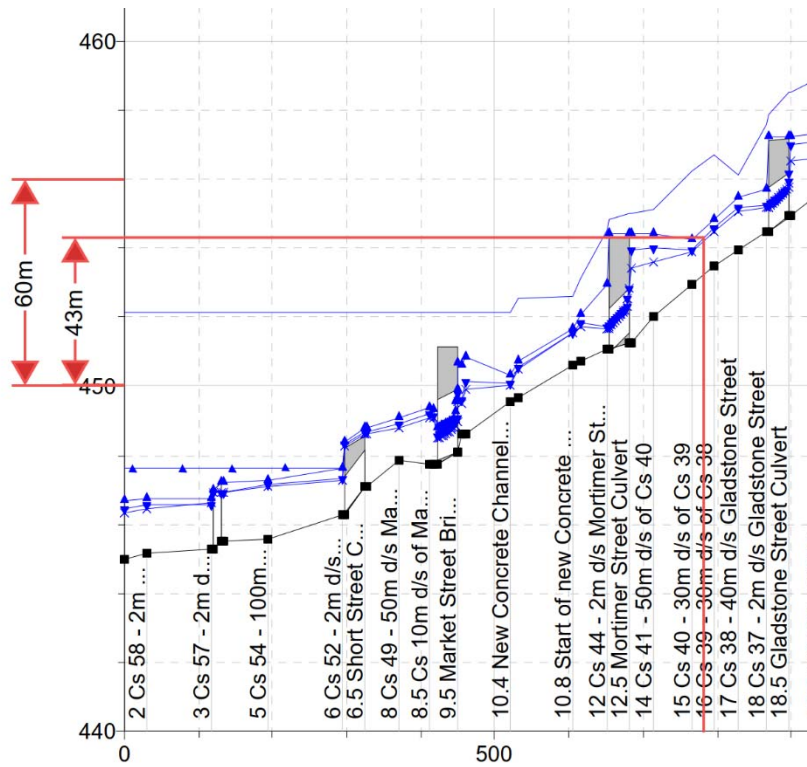
- Mudgee Local Creeks Floodplain Risk Management Study and Plan, Flood Behaviour Studies - APPENDIX C - CATCHMENT C (Lyll & Associates, March 2008 Rev 2.0).

From Figure 3.1 of the Mudgee Local Creeks Floodplain Risk Management Study and Plan, Flood Behaviour Studies - Appendix C – Catchment C, the site is between Ch15 and Ch16. The 1:100yr flood level is given as **454.30m**. This is shown below.

Therefore, in our opinion the 1:100yr flood level at the site is **454.30m**.

The Flood Planning Level (FPL) is **454.80m**, allowing for 0.5m freeboard.

The proposed building envelope for the rear unit is above the **454.30m**. This is shown in **Appendix B**. Therefore, there would be no impact to overland flow during a 1:100yr Flood Event.

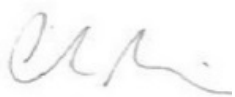


Extract from figure 3.1 of the Mudgee Local Creeks Floodplain Risk Management Study and Plan

If you have any further enquiries regarding this matter, please contact the undersigned.

Yours faithfully,

BARNSON PTY LTD

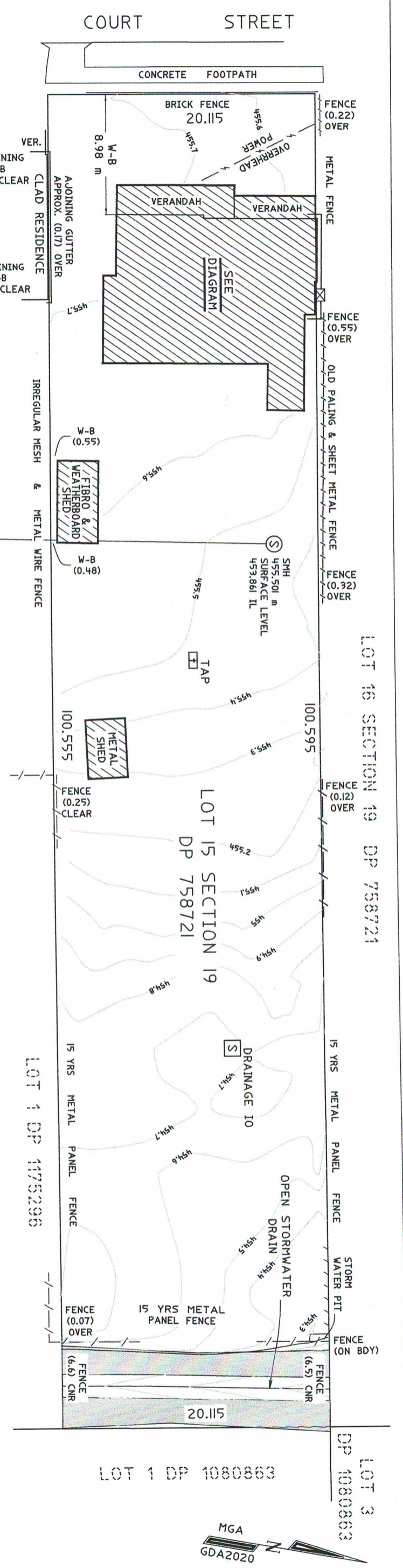


Luke Morris

BE MIEAust CPEng NPER

Director

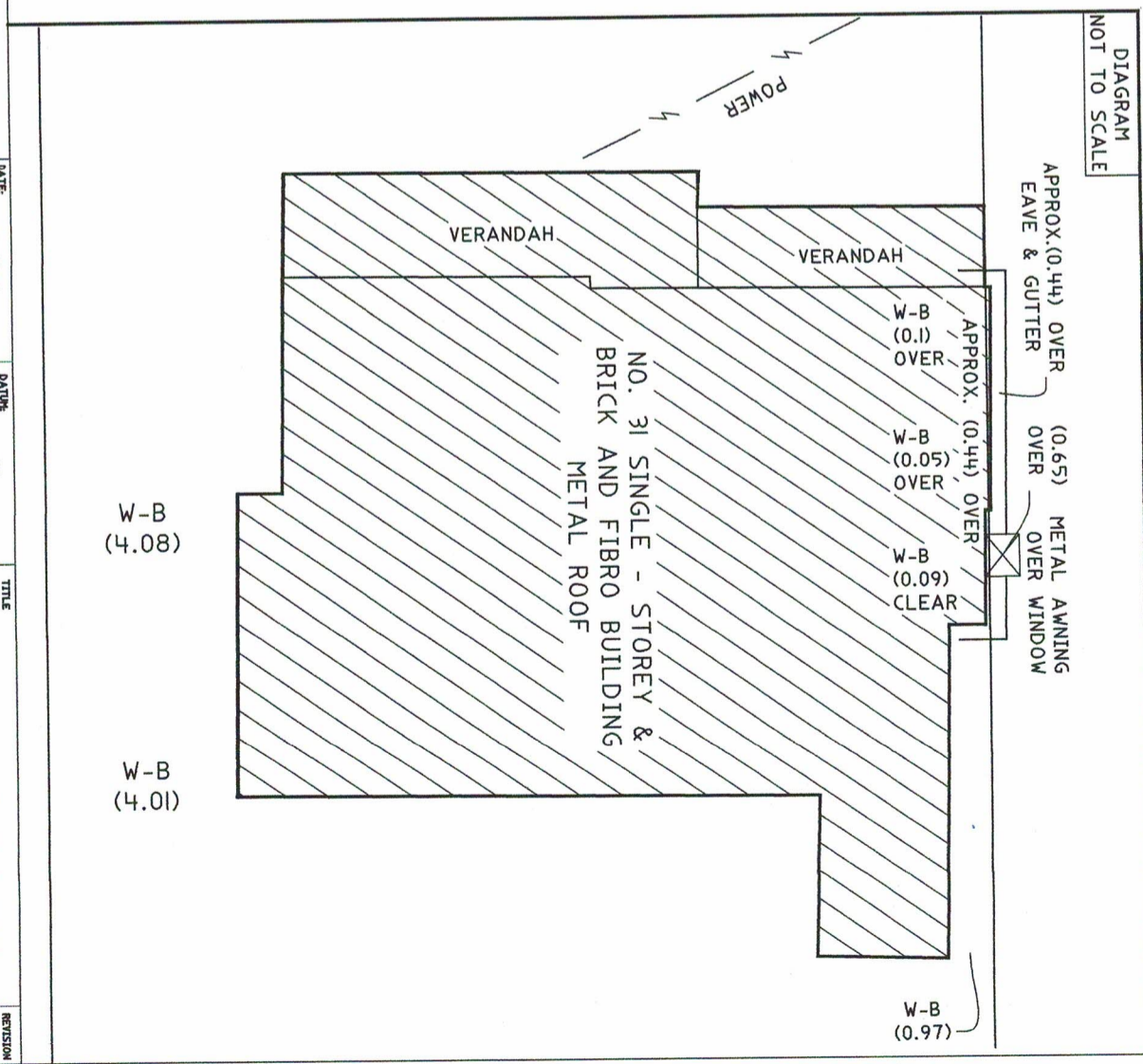
Appendix A - Existing Survey Plan



NOTES:
 FENCING AND BUILDING OFFSETS TO BOUNDARY ARE APPROXIMATE ONLY AND MUST NOT BE USED FOR SET-OUT PURPOSES. USE STATED DIMENSIONS. MEASUREMENTS IN METRES. DO NOT SCALE. THESE NOTES FORM PART OF THE SURVEY AND MUST NOT BE REDACTED.
 W-B DENOTES WALL TO BOUNDARY.

ORIGIN OF LEVELS:
 PM 3001 RL 458.023 (AHD)
 CLASS: LC, LU: 0.01

DANIEL KURZAWA
 OF O'RYAN GEOSPATIAL PTY LTD
 SURVEYOR REGISTERED UNDER THE SURVEYING AND SPATIAL INFORMATION ACT 2002



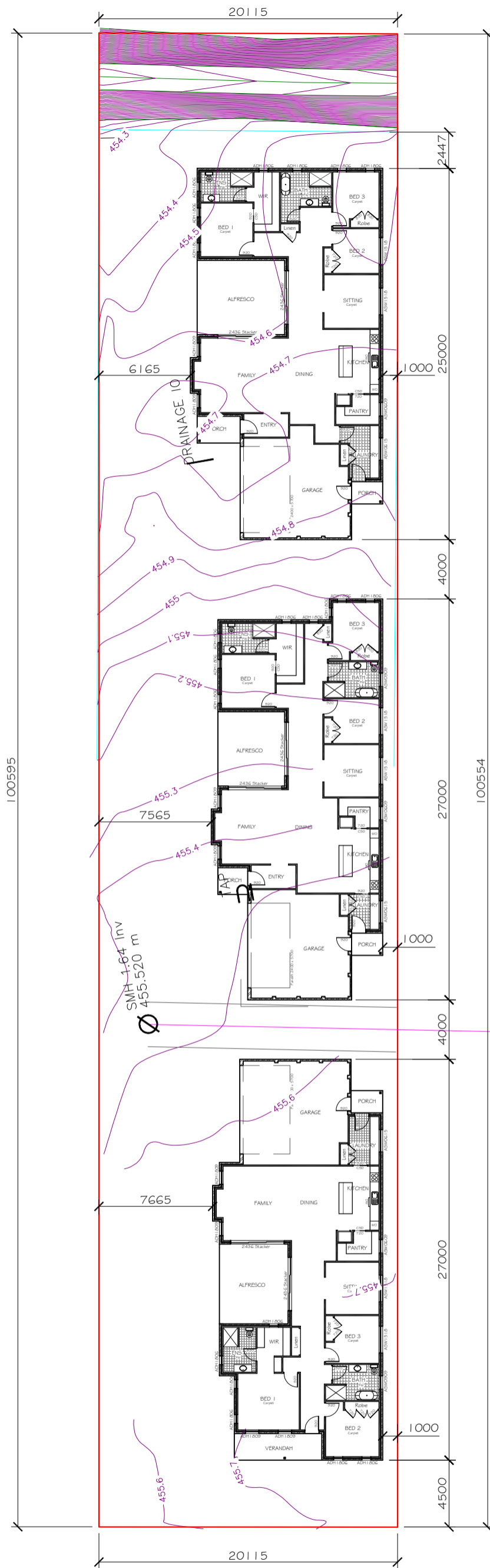
PREPARED BY
 O'RYAN GEOSPATIAL PTY LTD
 Shop 129 Church Street
 Mudgee NSW 2850
 Phone: 02 9057 9101



CLIENT:
 SYMOND CARR
 31 COURT ST
 MUDGEE NSW 2850

DATE	21/05/21	DATE	AHD	TITLE	REVISION
CONT. INTERVAL	0.1	DRAWN	AMB	IDENTIFICATION & TOPOGRAPHIC SKETCH OVER LOT 15 SECTION 19 DP 758721 KNOWN AS 31 COURT STREET, MUDGEE	A
SHEET SIZE	A3	CHECKED	DK		
L&A		LOCALITY	MUDGEE	DWG No	JOB No
MID WESTERN REGIONAL				21 - 718	SHEET 2 OF 2 SHEETS

Appendix B -
Proposed Site Plan



Giselle Denley
Drafting Services

giselle.denley@bigpond.com
0417 688 326
53 Hill Sixty Drive
Mudgee NSW 2850

REV	DATE	BY	DESCRIPTION
A	DD.MM.YY	J.B.	ISSUED FOR APPROVAL

CLIENT			
TITLE LINE 1			
TITLE LINE 2			
SCALE: SCALE	FILE: CAD FILE NUMBER	DWG No.	REV.
DRAWN: DRAWN	DATE: DRAWN DATE	3708-A01	A
CKD: CHECKED	DATE: CHECK DATE		