

# Newnham Karl Weir

and Partners Pty Ltd

Incorporating A.V. Spagnolo & Associates

5 Murdock Street, Coffs Harbour 2450

Phone: 02 6652 6630

Fax: 02 6652 3064

Email: admin@nkwp.com.au

ABN: 21 100 904 783 | ACN: 100 904 783



Our Ref: 20-12421.w04  
Your Ref: DA2018/1905  
Email: admin@nkwp.com.au

10th December 2020

Mr. Mark Shanahan  
145 Crescent Road  
NewPort 2106

Mark,

re: **PROPOSED DRIVEWAY FOR DWELLING ON LOT 1 DP 1229229  
145A CRESCENT ROAD, NEWPORT**

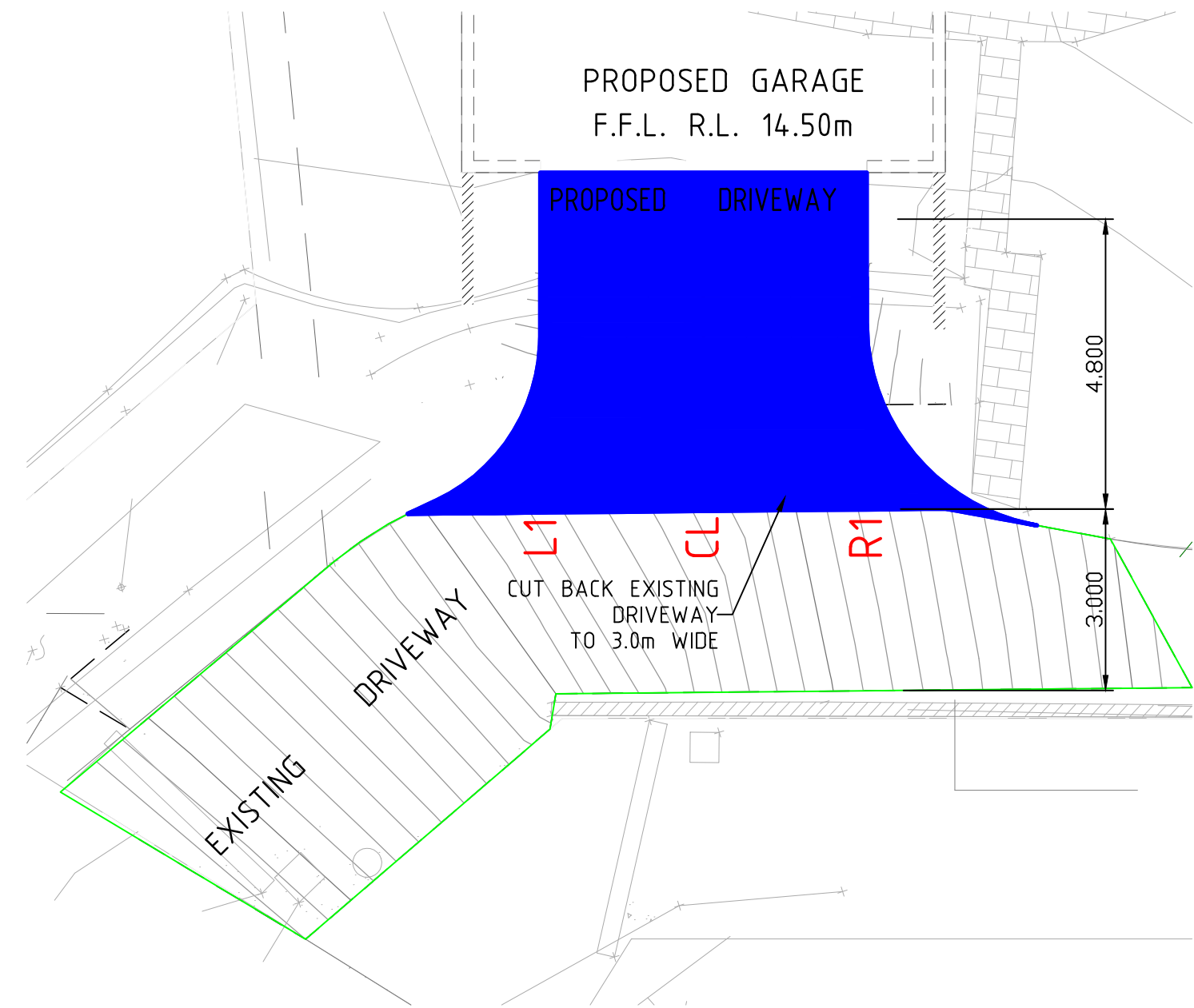
I have reviewed the project 01416H drawings for this lot, as provided. The proposed garage level will be RL 14.50. The existing driveway is running at approx. 10%.

The long sections – shown on our plans show the driveway slopes for section L1 will be at a maximum of 19.7% , and in the centre at 8.3% and at section R1, the slope will be -3.1%.

I trust this is to your satisfaction.

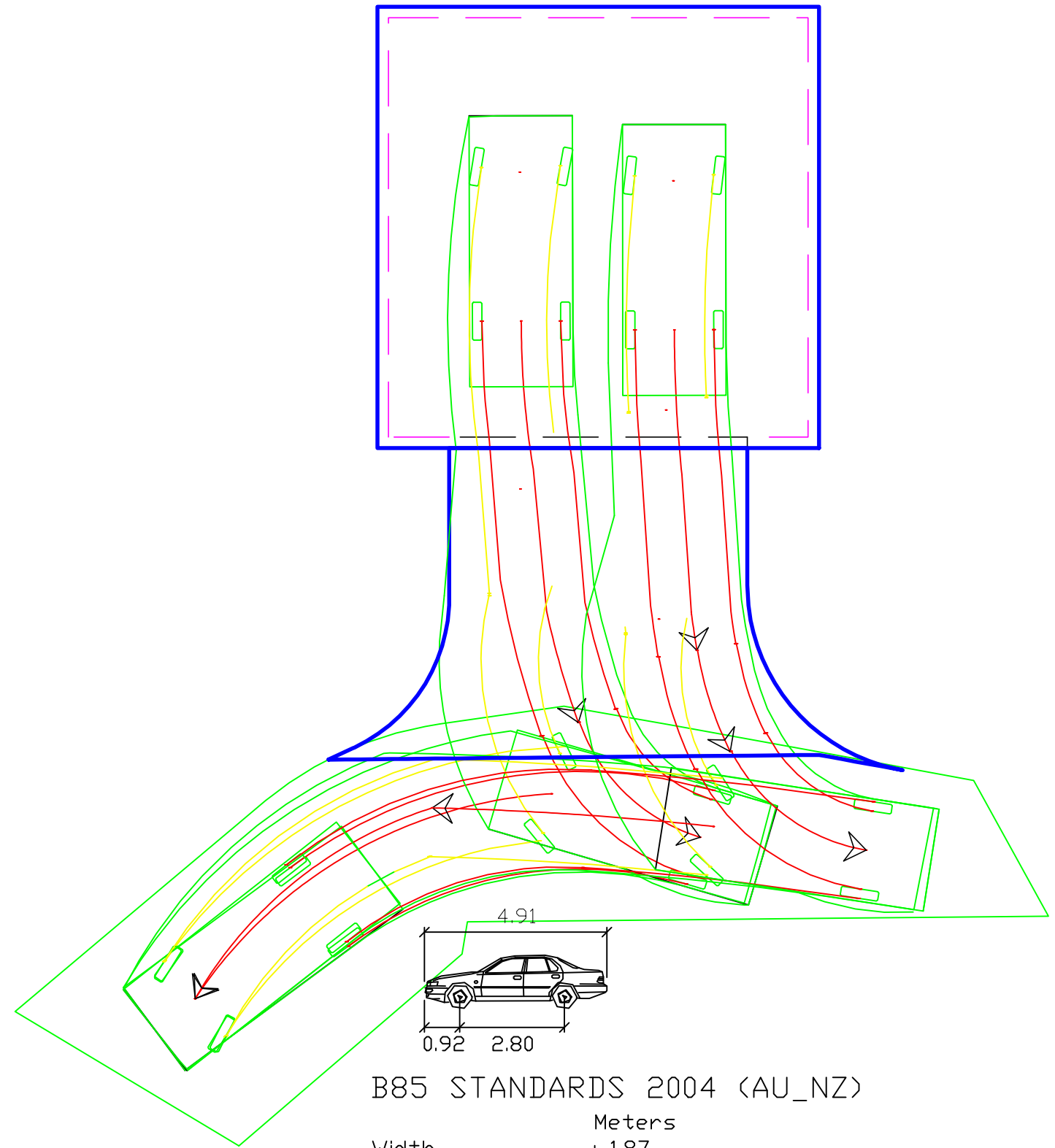
Yours faithfully  
NEWNHAM KARL WEIR & PARTNERS

Anthony Spagnolo  
Registered Surveyor  
Under The NSW Surveying and Spatial Information Act, 2002



NOTES:

DESIGN DETAILS CONFORM WITH THE REQUIREMENTS FOR OFF-STREET CAR PARKING FACILITIES AS PER AUSTRALIAN STANDARD AS/NZS 2890.1:2004



B85 STANDARDS 2004 (AU\_NZ)

Meters  
Width : 1.87  
Track : 1.77  
Lock to Lock Time: 6.0 s  
Steering Angle : 34.1 deg  
Simulations produced using "AutoTURN Online"  
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CLIENT: J and J Shanahan  
145 Crescent Road Newport

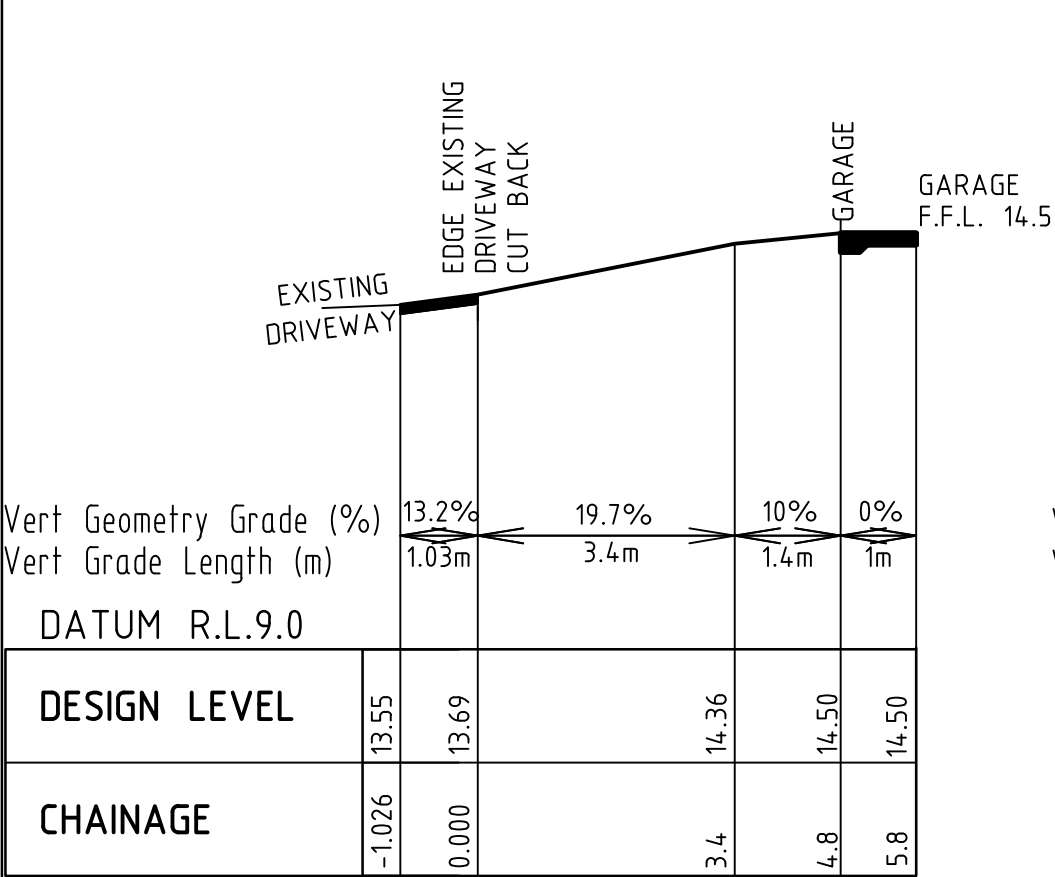
DRIVEWAY DESIGN & TURNING PATHS

|                 |                  |                  |
|-----------------|------------------|------------------|
| SCALE: 1:100    | DATE: 10.12.2020 | DRAWN: A.T.H.    |
| CONTOURS: 0.10m | SHEET: 1 OF 2    | DESIGNED: A.T.H. |
| DATUM:          | SHEET SIZE: A3   | REF: 11566 v2    |

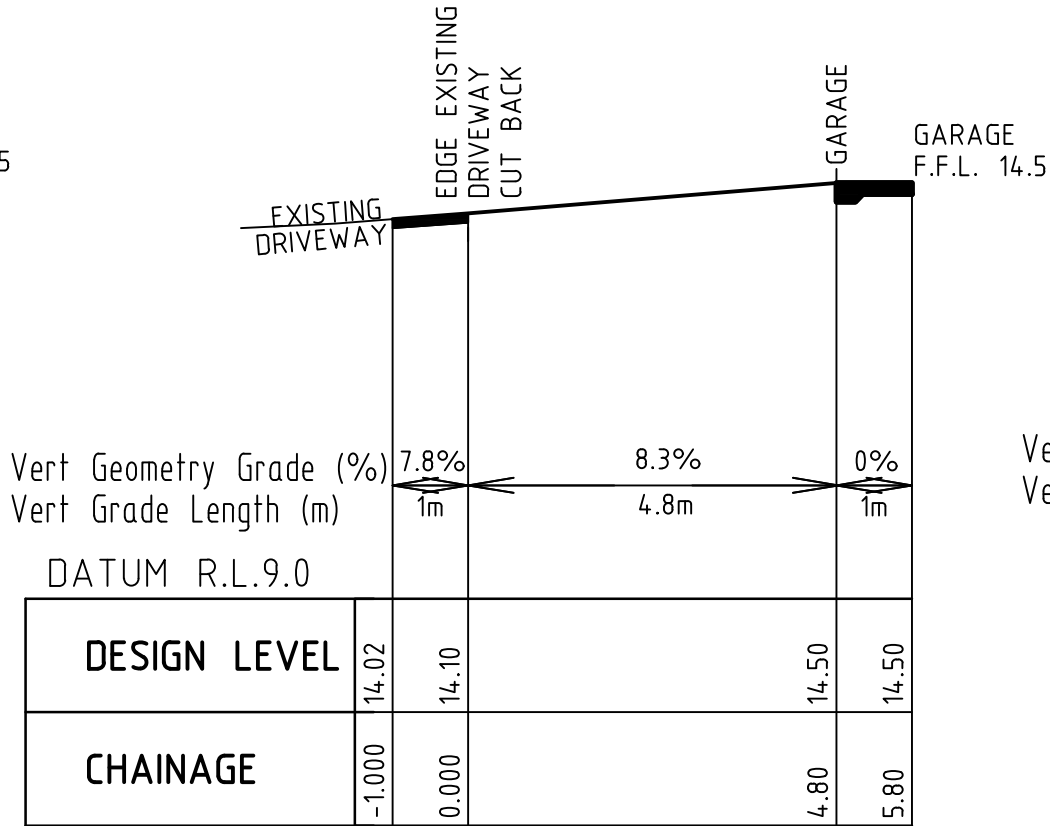
CONSULTING SURVEYORS | URBAN PLANNERS | PROJECT MANAGERS



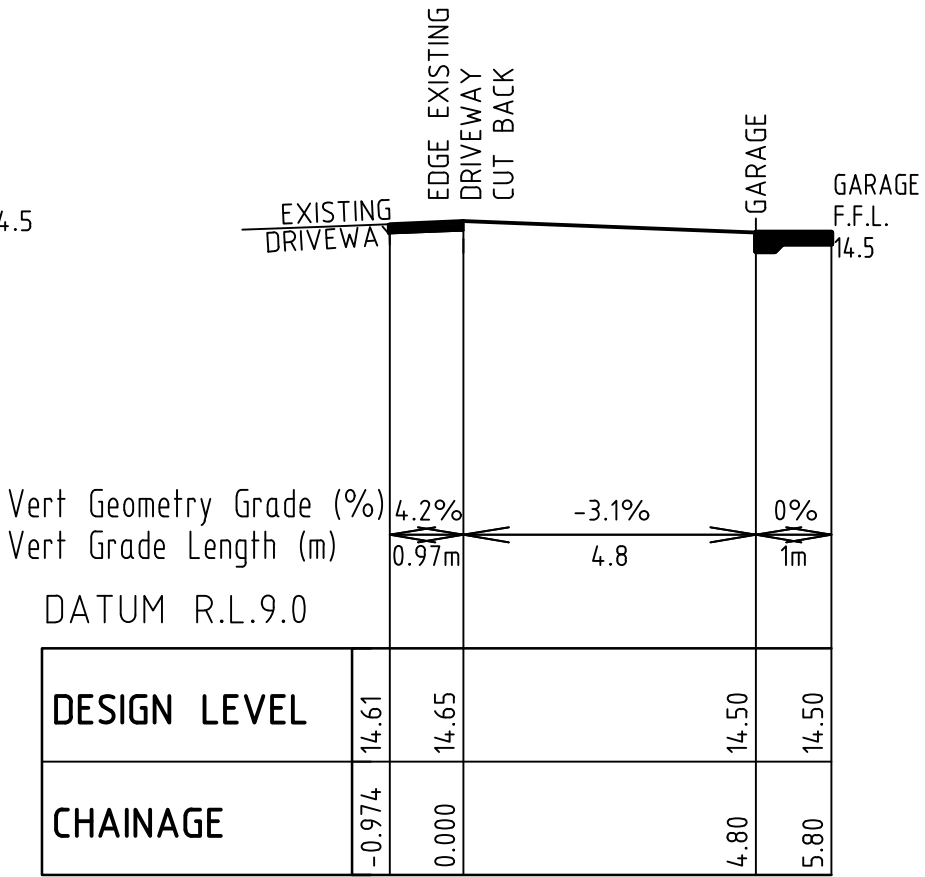
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LONGSECTION - L1  
SCALE HORIZONTAL 1:100  
VERTICAL 1:100



LONGSECTION - CL  
SCALE HORIZONTAL 1:100  
VERTICAL 1:100



LONGSECTION - R1  
SCALE HORIZONTAL 1:100  
VERTICAL 1:100

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| DRIVEWAY DESIGN LONGSECTIONS |                  |                  |
|------------------------------|------------------|------------------|
| SCALE: 1:100                 | DATE: 10.12.2020 | DRAWN: A.T.H.    |
| CONTOURS:                    | SHEET: 2 OF 2    | DESIGNED: A.T.H. |
| DATUM:                       | SHEET SIZE: A3   | REF: 11566 v2    |

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