

ROOF PLAN  
SCALE 1 : 100

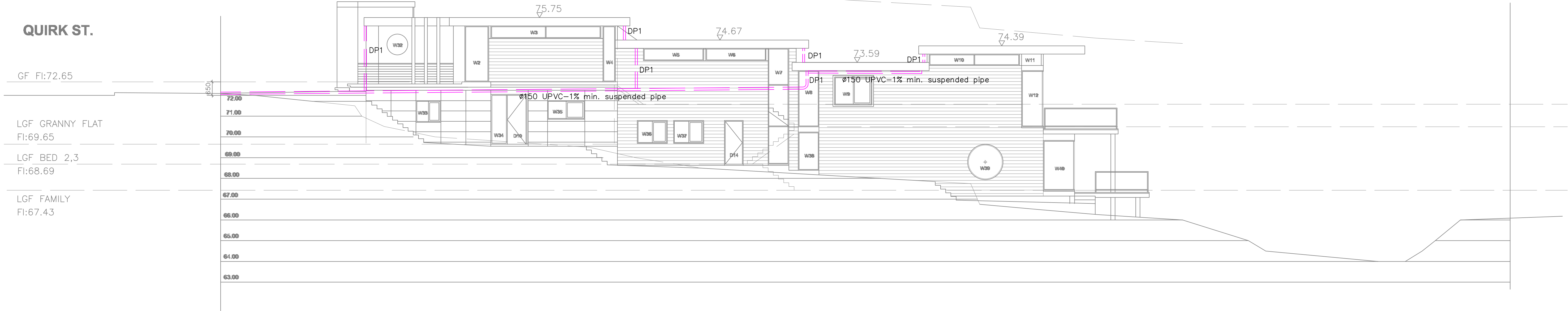
LEGEND:

- New Stormwater Pipe  
DP1 New Downpipe  
DP1 New Downpipe with spreader
- SWP1 Stormwater Pit  
Surface Level  
+ 71.40
- IL Invert Level  
RL Reduced Level

ROOF DRAINAGE: (AS3500.3)

- Five minutes duration rainfall intensity : 270mm/hour (ARI of 100 years)
- Downpipes : DP1 = 100mm dia.
- Design catchemnt area per downpipe : DP1= 55m<sup>2</sup>
- Roof gutters: DP1: 12000mm<sup>2</sup> effective cross sectional area.

QUIRK ST.



WEST ELEVATION  
SCALE 1 : 100

LEGEND:

- New Stormwater Pipe  
DP1 New Downpipe  
DP1 New Downpipe with spreader
- SWP1 Stormwater Pit  
Surface Level  
+ 71.40
- IL Invert Level  
RL Reduced Level

A										Issue for DA & CC										26-04-2025																														ARCHITECT:										VTAA P/L Civil and Structural Engineering Services ABN 70 660 661 638 E: Tngv75@yahoo.com.au M: 0417 441 510										PROJECT:  PROPOSED NEW HOUSE  51 Quirk St, Dee Why NSW 2099										DRAWING TITLE:  ROOF PLAN & WEST ELEVATION										Designed Vinh Tran										E.S										Checked Vinh Tran-BE,PhD,MIEAust,CPEng,RPEQ,NER										Scale: 1/100 Date: 26-04-2025										Job No: V678										Dwg. No: C12										Rev: 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