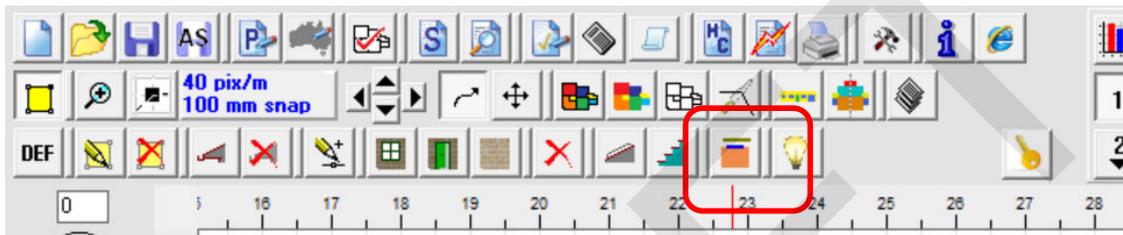


# Energy Inspection **FACT SHEET**

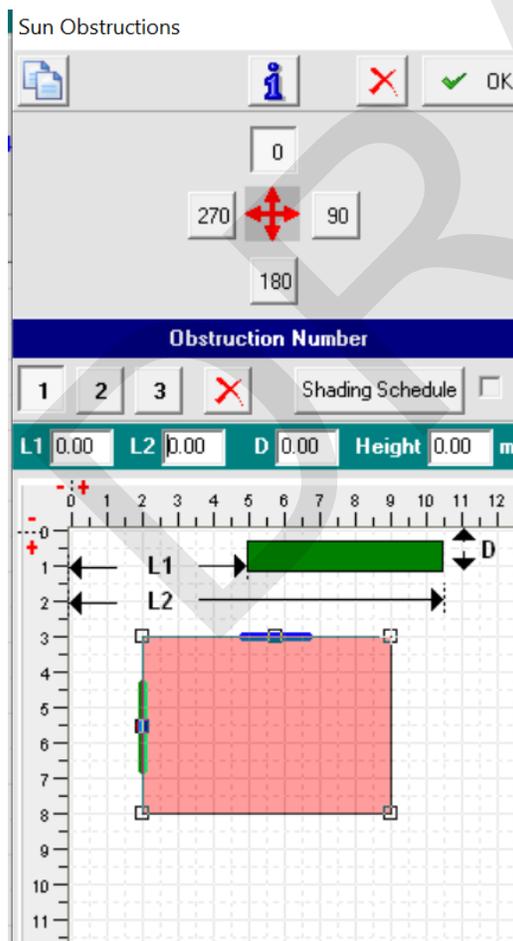
## Obstructions

This factsheet has been developed to assist BERS Pro users in entering obstructions into the software.

Obstructions are entered using the obstruction button.



And the Sun Obstruction dialog box.



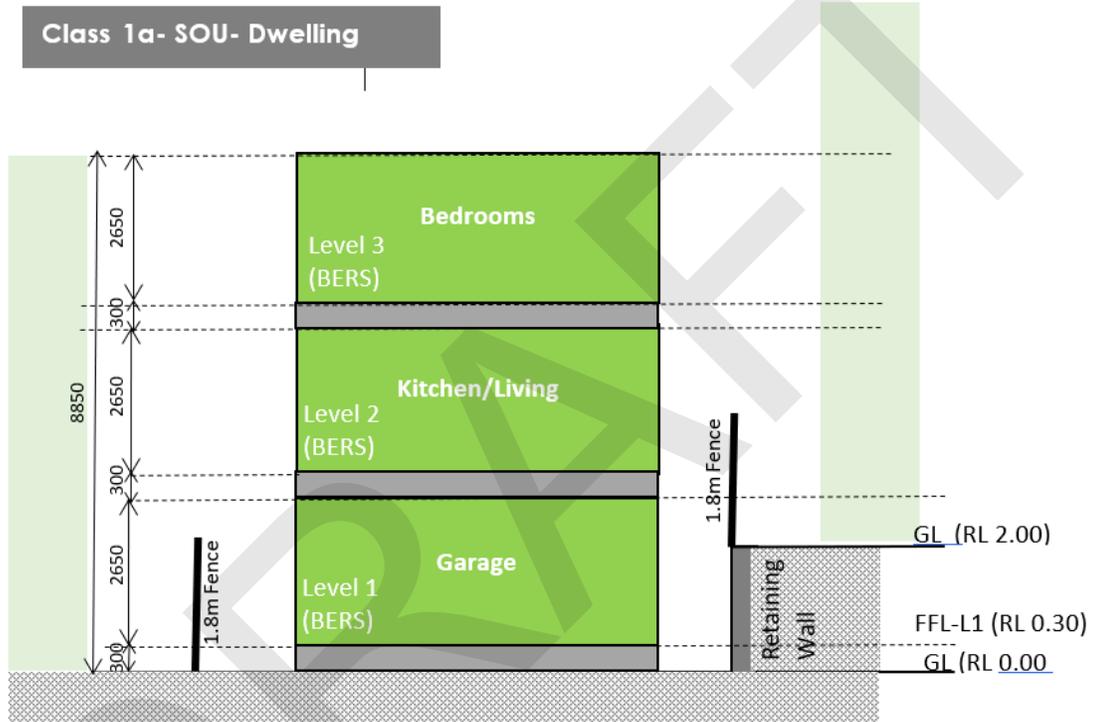
- Obstructions are entered in relative to Level 1 and relate to where the building is located on the drawing canvas.
- All measurements are in metres.
- Three obstructions can be entered for each of 4 orientations.
- Length 1 (L1) is the measurement that the obstruction is from the edge of the drawing canvas (0,0) to the start of the obstruction
- Length 2 (L2) is the measurement taken from the edge of the drawing canvas (0,0) to the end of the obstruction
- Height is defined as the distance that the obstruction extends above the floor line of Level 1

# OBSTRUCTION HEIGHT

**Height** is defined as the distance that the obstruction extends above the floor line of Level 1

NatHERS Assessable Area

Assumed Obstructions  
(Refer to Tech. Note)



**Height above ground:**  
= FFL(L1)  
= 0.3 (300mm)

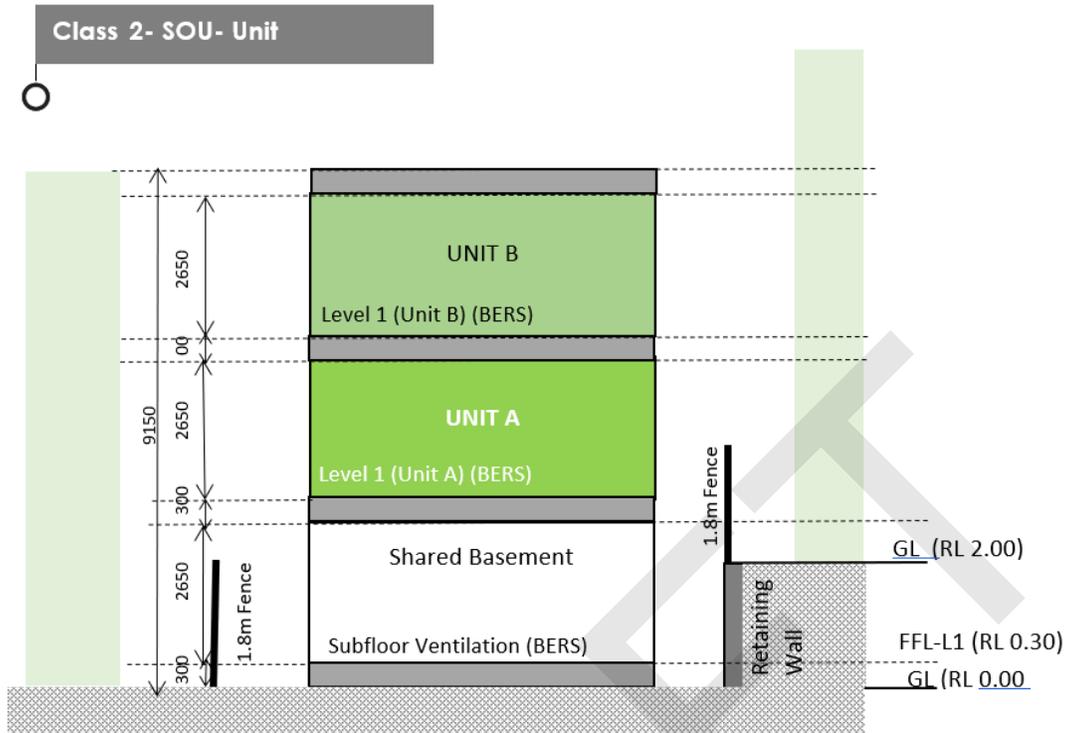
**Height of obstructions**  
OBSTRUCTION 1  
Total Height of obstruction – FFL(L1)  
= 1.8 – 0.3  
= 1.5

OBSTRUCTION 2  
Total Height of obstruction – FFL(L1)  
= 8.85 – 0.3  
= 8.55

**Height above ground:**  
= FFL(L1)  
= 0.3 (300mm)

**Height of obstructions**  
OBSTRUCTION 1  
Total Height of obstruction – FFL(L1)  
= 3.8 – 0.3  
= 3.5

OBSTRUCTION 2  
Total Height of obstruction – FFL(L1)  
= 10.55 – 0.3  
= 10.25



<p><b>UNIT A</b></p> <p><b>Height above ground:</b> = FFL(L1) = 2.25 (2250mm)</p> <p><b>Height of obstructions</b></p> <p>OBSTRUCTION 1 Total Height of obstruction – FFL(L1) = 1.8 – 2.25 = -0.45 (No data entry needed if negative)</p> <p>OBSTRUCTION 2 Total Height of obstruction – FFL(L1) = 9.150 – 2.25 = 6.9</p>
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<p><b>UNIT A</b></p> <p><b>Height above ground:</b> = FFL(L1) = 2.25 (2250mm)</p> <p><b>Height of obstructions</b></p> <p>OBSTRUCTION 1 Total Height of obstruction – FFL(L1) = 3.8 – 2.25 = 1.45</p> <p>OBSTRUCTION 2 Total Height of obstruction – FFL(L1) = 8.85 – 2.25 = 8.55</p>
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<p><b>UNIT B</b></p> <p><b>Height above ground:</b> = FFL(L1) = 4.25 (4250mm)</p> <p><b>Height of obstructions</b></p> <p>OBSTRUCTION 1 Total Height of obstruction – FFL(L1) = 3.8 – 4.25 = -0.45 (No data entry needed)</p> <p>OBSTRUCTION 2 Total Height of obstruction – FFL(L1) = 9.15 – 4.45 = 4.7</p>
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NOTES

- BERS Pro assigns the obstruction automatically for Level 2 and above
- Separate obstruction data cannot be applied to level 2 or above