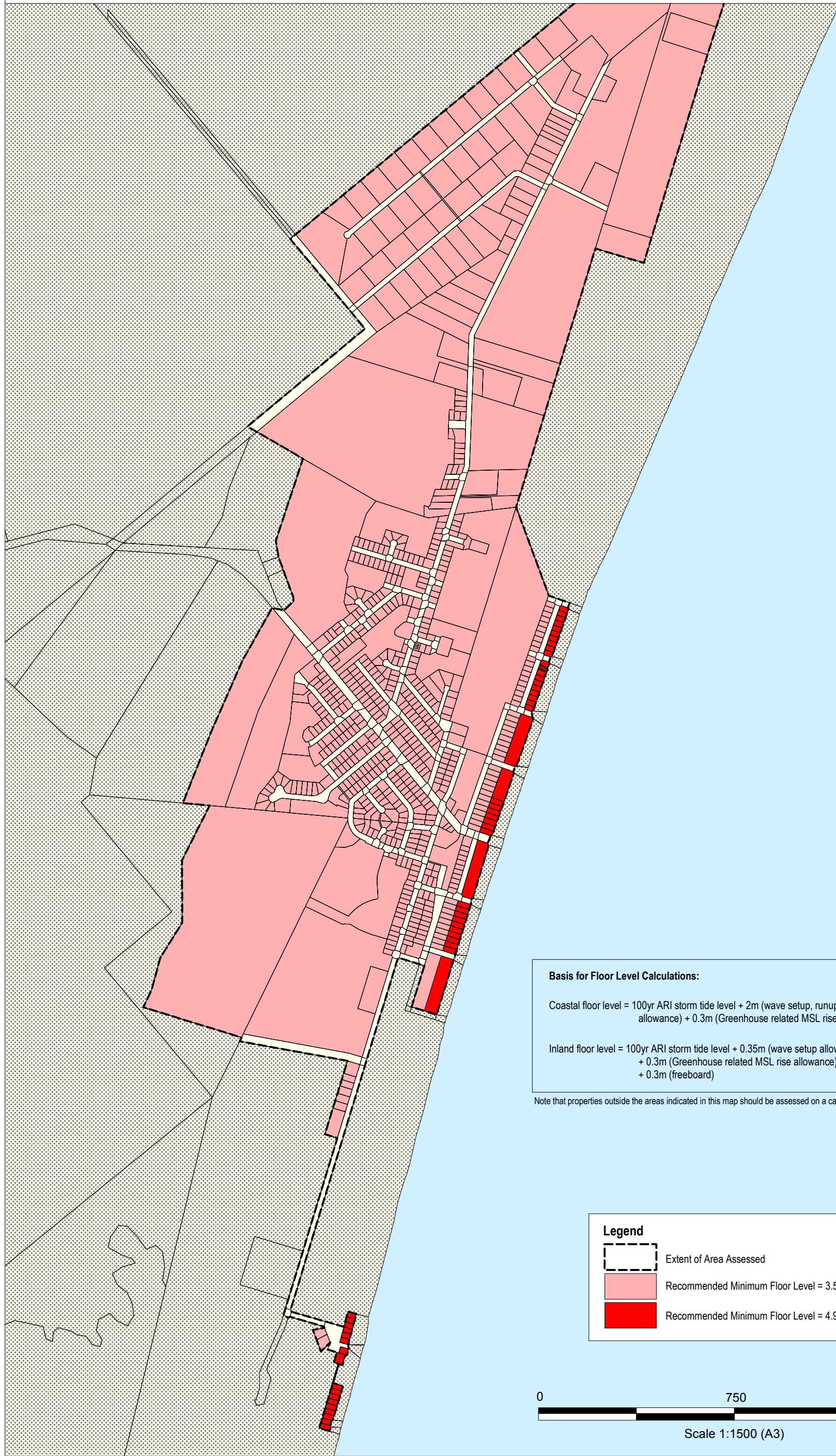


FIGURE 48: RECOMMENDED MINIMUM FLOOR LEVELS TO PROVIDE 100 YEAR ARI STORM TIDE IMMUNITY FOR FUTURE DEVELOPMENTS - ALLINGHAM AND CASSADY BEACH

HINCHINBROOK SHIRE STORM SURGE STUDY
HINCHINBROOK SHIRE COUNCIL

Connell Wagner



Basis for Floor Level Calculations:

Coastal floor level = 100yr ARI storm tide level + 2m (wave setup, runup and freeboard allowance) + 0.3m (Greenhouse related MSL rise allowance)

Inland floor level = 100yr ARI storm tide level + 0.35m (wave setup allowance) + 0.3m (Greenhouse related MSL rise allowance) + 0.3m (freeboard)

Note that properties outside the areas indicated in this map should be assessed on a case by case basis

Legend

- Extent of Area Assessed
- Recommended Minimum Floor Level = 3.58m AHD
- Recommended Minimum Floor Level = 4.93m AHD

0 750 1500
Scale 1:1500 (A3)

REVISION: 1

FILE: ACRMFLFIGURE48.WOR

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FIGURE 48: RECOMMENDED MINIMUM FLOOR LEVELS TO PROVIDE 100 YEAR ARI STORM TIDE IMMUNITY FOR FUTURE DEVELOPMENTS - ALLINGHAM AND CASSADY BEACH