







## **ISOMETRIC DIAGRAM**



Level 1



SECTION



Level 2

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Our response to the brief acknowledges the impacts of extreme weather by climate change, envisioning a communal modular hub, Moodular Meadows. Situated just north of the Tropic of Capricorn, Rockhampton is Darumbal Land, with a significant family demographic, possessing ample livestock naming it the 'Beef Capital' of Australia.

The proposal is anything but an anthropocentric design, as it is fueled by the community humans and animals connect on sacred land. Inspired the Darumbal people's symbolic water lily, we have reimagined emergency housing by not only catering to the physical needs and wants of families, but also their emotional and psychological comfort. This includes the locals' livelihoods where many farmers rely on the iconic Brahman Bull to make a living. The ramifications of the spontaneous weather conditions mean that livestock are often disregarded in emergencies and left behind in critical emergencies.

Our intervention has no limits, whereby the modular pods may be customizable through meadows of 4, 8 or 12. Family or couple lifestyles, produce growing, pet accommodation and even livestock care are variations each pod can accommodate to ensure all that is valuable is preserved within the floral villages of the intervention.

Regarding the existing cattle population, the utilisation of cow patties can be chemically treated to form a composite material, with waterproofing and fireproofing properties (Yask Kulshreshtha et al., 2022) to mitigate for harsh wind, rain and fire situations. This is due to the abundance of cow dung in the farms, consequently contributing to climate change through its emission of methane (livestock and manure management, 2021). By utilising this materiality we are not only manipulating existing material, but also harnessing the Brahman Bull's adaptive qualities to stimulate resilience on the capsule walls within the village.

Given the unpredictability of extreme weather disasters, users have the choice to flee the village, back to their homes, or remain living at the pods as an opportunity to rebuild their life, even 6 months after the crisis. At the event of patrons no longer residing at Moodular Meadows, the natural properties of the material allow for an emission-reducing alternative to compost or providing potential for future farm use, sheltering livestock and as a feeding station

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