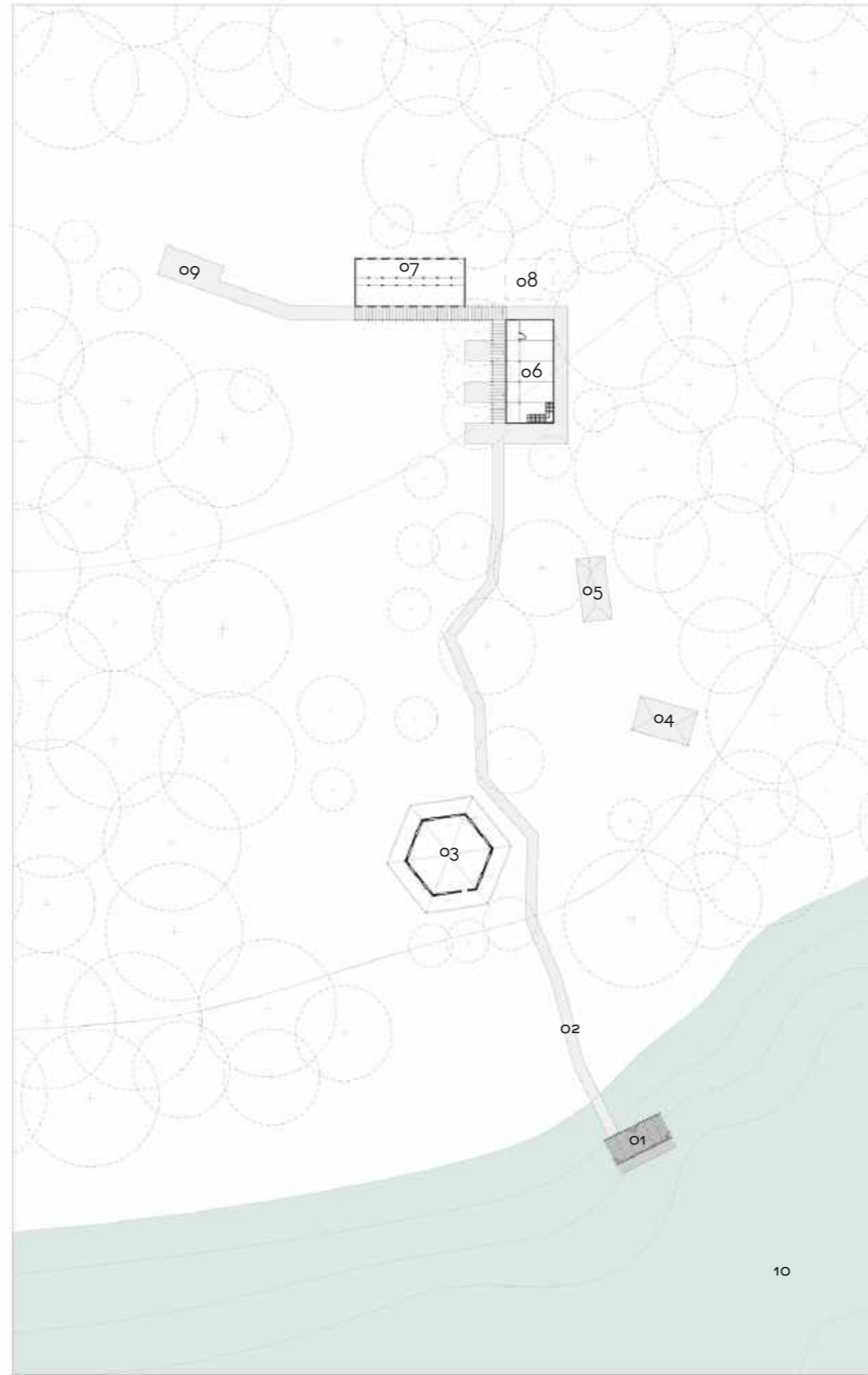
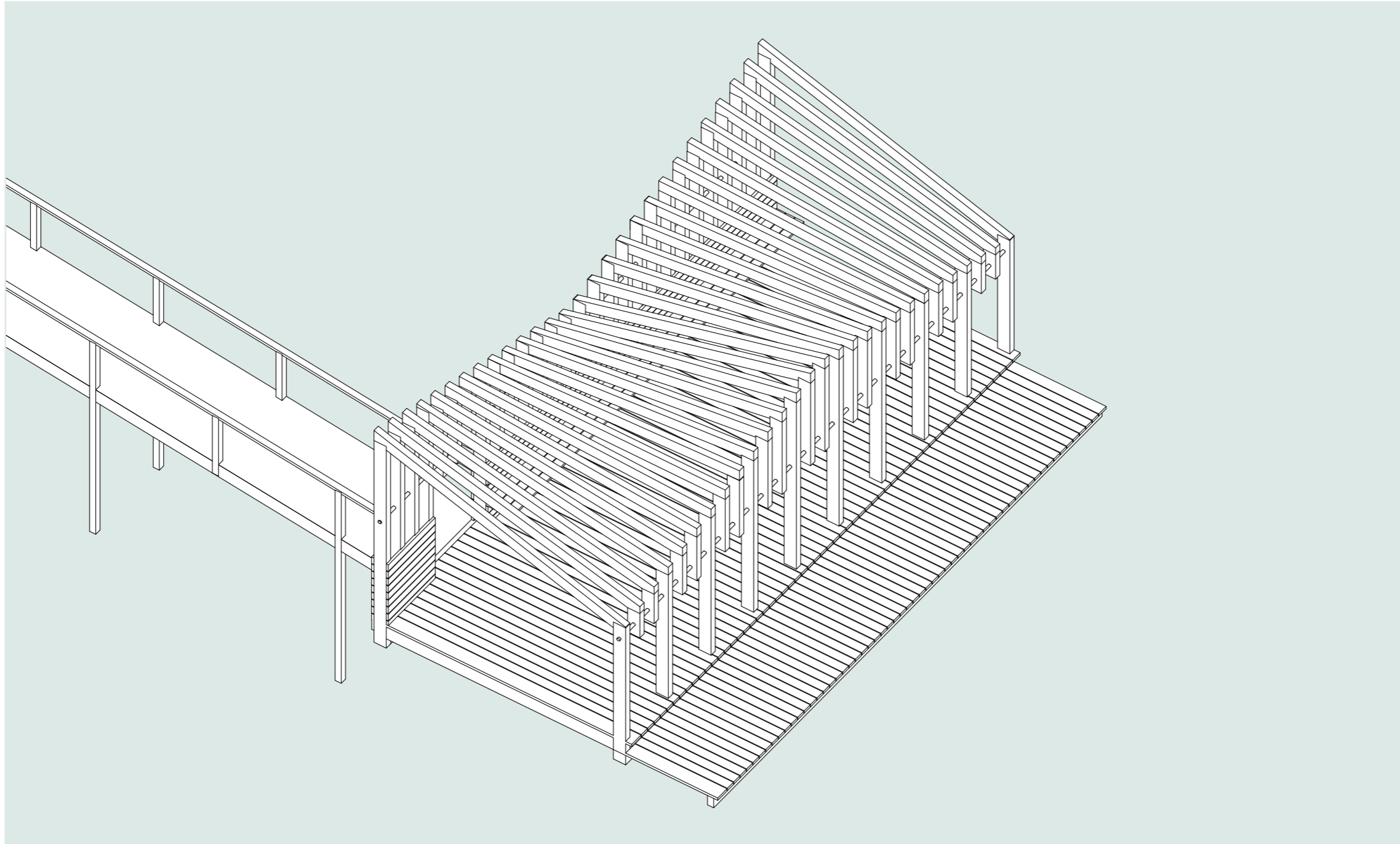


SOPHIA POINT RAINFOREST RESEARCH CENTRE

- o1. Pontoon and jetty
- o2. Boardwalk
- o3. Existing house
- o4. Existing storage block
- o5. New toilet and washroom block
- o6. Main building
- o7. Accommodation block
- o8. Underground water tank
- o9. Forest platform
- 10. Essequibo River



SITE PLAN



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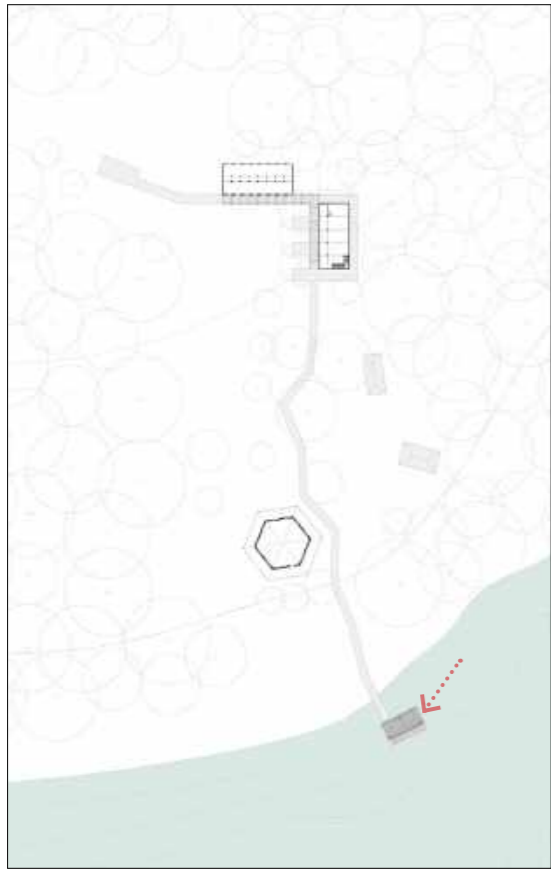
PONTOON | AXONOMETRIC

- 01. Pontoon deck
- 02. Ladder
- 03. Greenheart frame
- 04. Hammocks
- 05. Jetty
- 06. Bamboo solar shading
- 07. Built-in seating

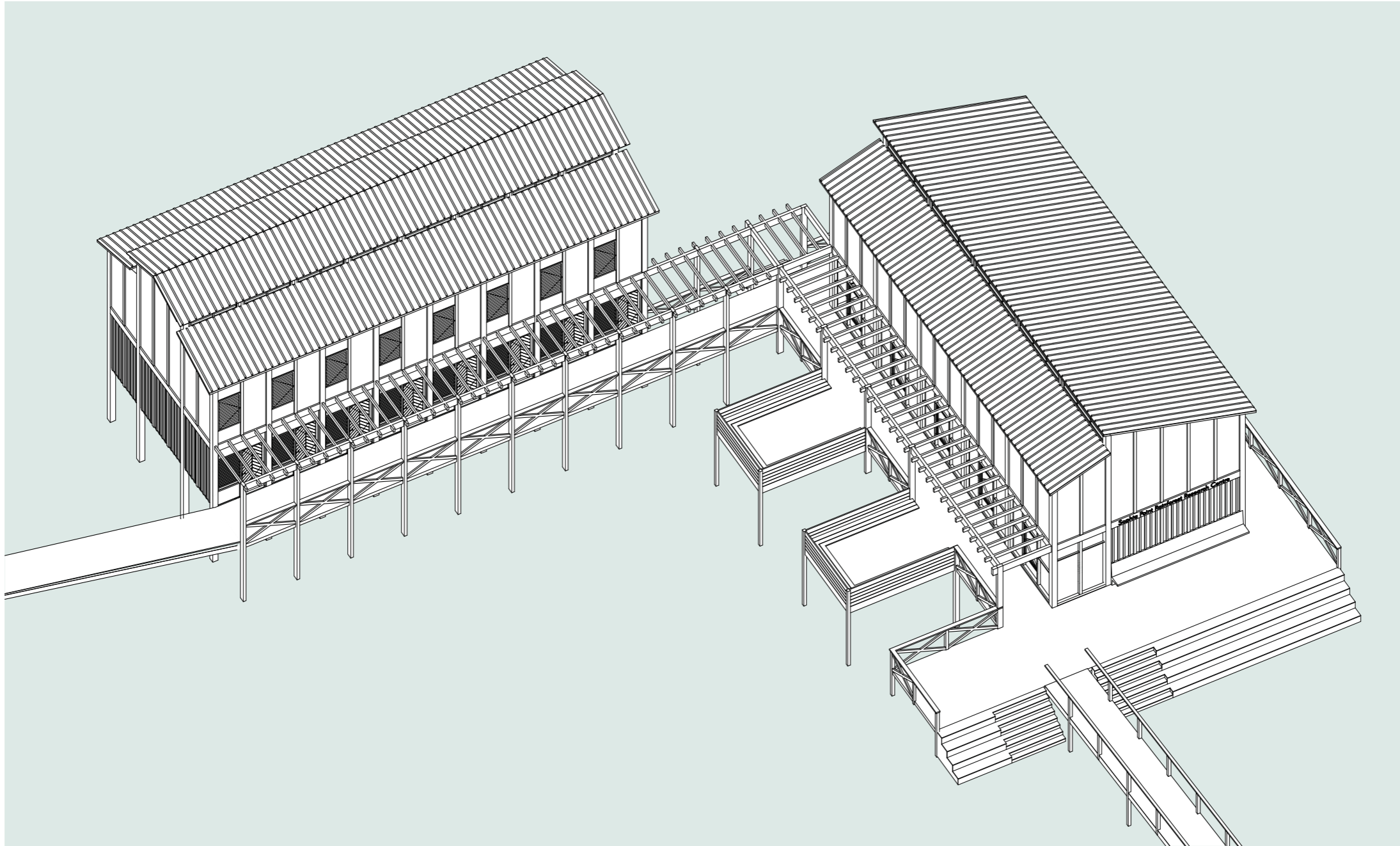


PONTOON | BIRD'S EYE VIEW

- 01. Pontoon deck
- 02. Greenheart frame
- 03. Hammocks
- 04. Bamboo solar shading
- 05. Built-in seating



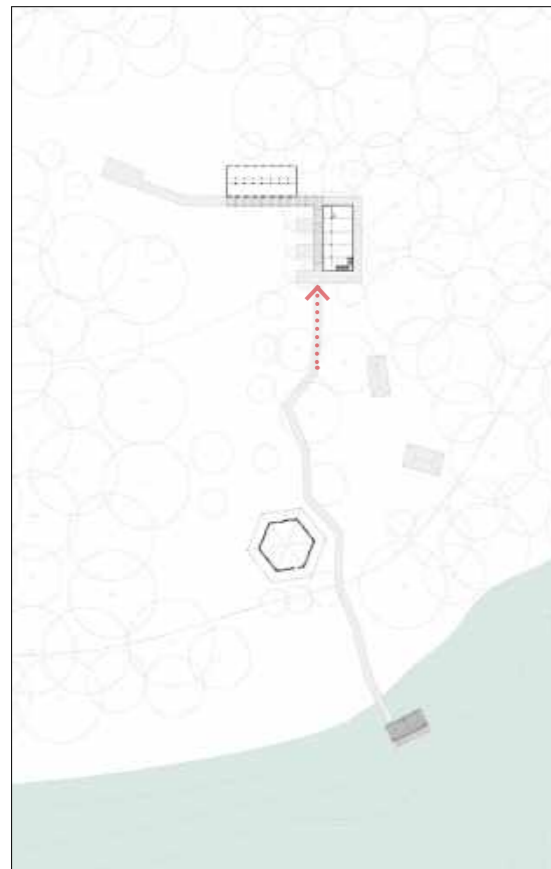
JETTY | INTERNAL VISUALISATION



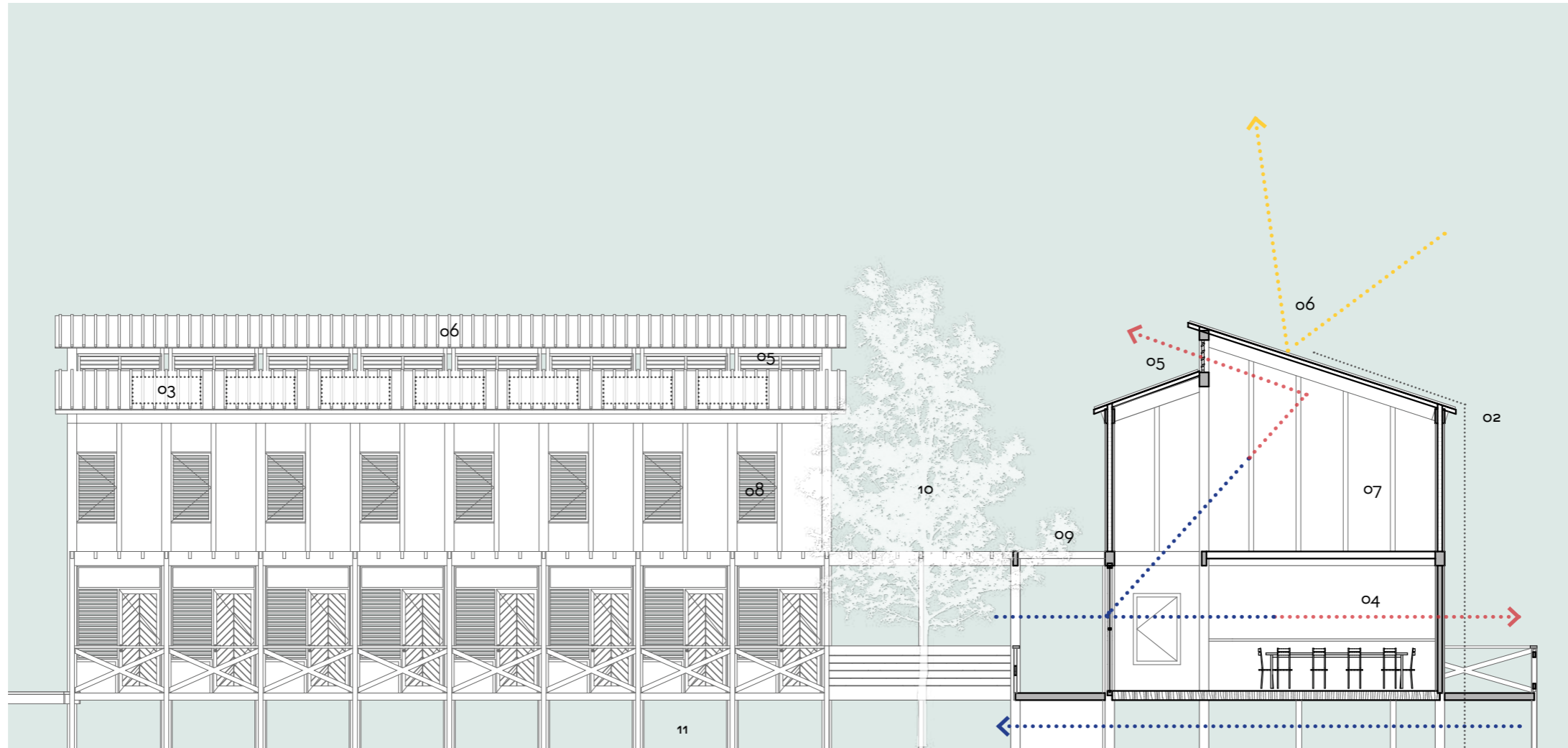
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RESEARCH CENTRE | AXONOMETRIC

- o1. Greenheart decking
- o2. Greenheart frame
- o3. Built-in seating
- o4. Entrance to main building
- o5. Plywood panelling
- o6. Corrugated steel roof
- o7. Brise soleil with climbing plants providing additional shading
- o8. Accommodation block

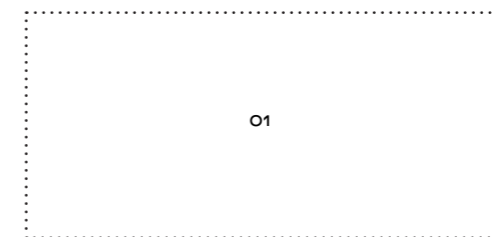


RESEARCH CENTRE | APPROACH VISUALISATION



- 01. Underground water tank
- 02. Rainwater harvesting system
- 03. PV panels
- 04. Cross ventilation
- 05. Stack ventilation via high level louvres
- 06. High albedo roof materials

- 07. Low thermal mass building envelop
- 08. Louvred windows to maximise ventilation
- 09. Brise soleil with climbing plants
- 10. Planting to reduce solar absorption
- 11. Stilts to protect against flooding and to improve ventilation under building





- 01. External seating
- 02. Greenheart frame
- 03. Accommodation block
- 04. Entrance to accommodation units
- 05. Plywood panelling
- 06. Corrugated steel roof
- 07. Brise soleil with climbing plants providing additional shading

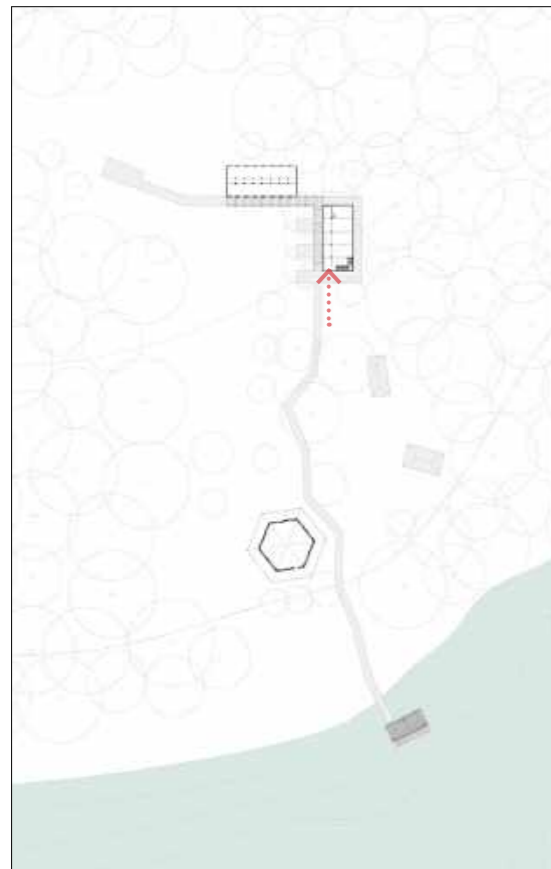


- 01. External seating
- 02. Greenheart frame
- 03. Entrance to accommodation units
- 04. Plywood panelling
- 05. Corrugated steel roof
- 06. Brise soleil with climbing plants providing additional shading
- 07. Doors open out onto seating area

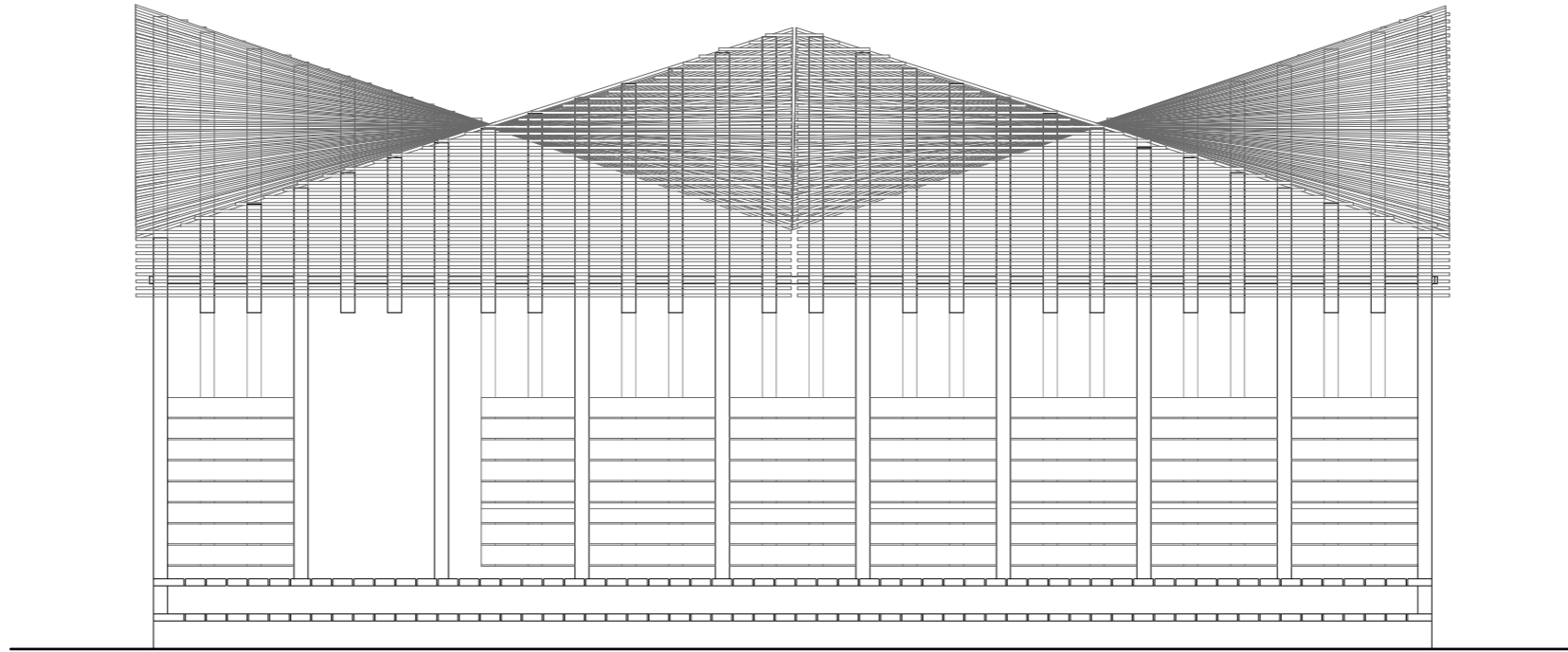


RESEARCH CENTRE | VISUALISATION

- 01. Greenheart frame
- 02. Mezzanine level
- 03. Kitchen area
- 04. Storage
- 05. Plywood panelling
- 06. Brise soleil with climbing plants providing additional shading
- 07. Doors open out onto seating area



MAIN BUILDING | INTERNAL VISUALISATION



SOPHIA POINT RAINFOREST RESEARCH CENTRE