NEW CRUISE SHIP TERMINAL & URBAN WATERFRONT PROPOSAL
LYTTELTON, SOUTH ISLAND, NEW ZEALAND.

Figure 45

service level plan
1:1000 @ A2

terminal PROJECT CONCEPT
NEW CRUISE SHIP TERMINAL & URBAN WATERFRONT PROPOSAL
LYFTETON, SOUTH ISLAND, NEW ZEALAND.

Terminal PROJECT CONCEPT

Figure 48
**NEW CRUISE SHIP TERMINAL & URBAN WATERFRONT PROPOSAL**
LYTTELTON, SOUTH ISLAND, NEW ZEALAND.

**Rigid Seam Composite Roofing System**
- Zinc profiled roofing
- Compressed mineral wool insulation
- Corrugated timber: thermal break
- Thermally breaks condensation
- 12mm plywood ceiling panels
- Structural deck joins between laminated timber beams
- Dormer roof for passive rain spout drain
- Laminated timber beams panel, depth varies
- Laminated timber panels for roof hang

**ECO-TECH ROOF TOP STRATEGY**
- Photovoltaic film to selected zones of profiled zinc roofing
- Shaped for natural ventilation cool air intake at lower level and discharge at upper level above circulation cores
- Light wells over circulation cores
- Rain water collection
- Composite roof construction with compressed wool insulation

**Terminal Short Environmental Section a-a**

*Figure 50*
NEW CRUISE SHIP TERMINAL & URBAN WATERFRONT PROPOSAL
LYFTELTON, SOUTH ISLAND, NEW ZEALAND.

terminal long section b-b
1:500 @ A2

sectional detail a

sectional detail b

terminal PROJECT CONCEPT
DESIGN PROCESS

Project Development Selected Sketches