



Concept development

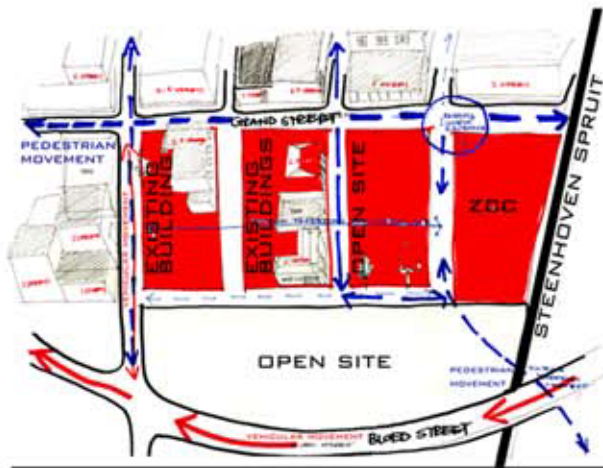


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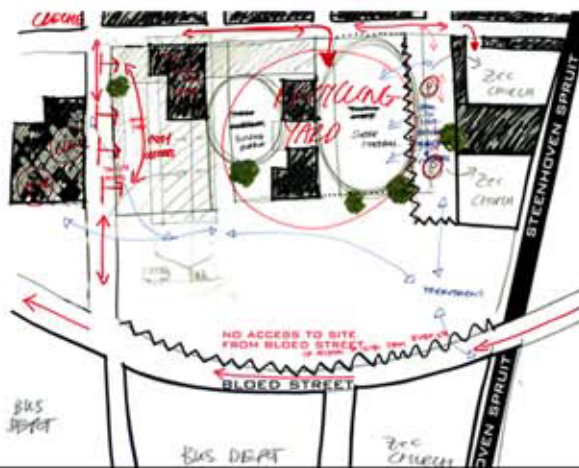


Descriptions

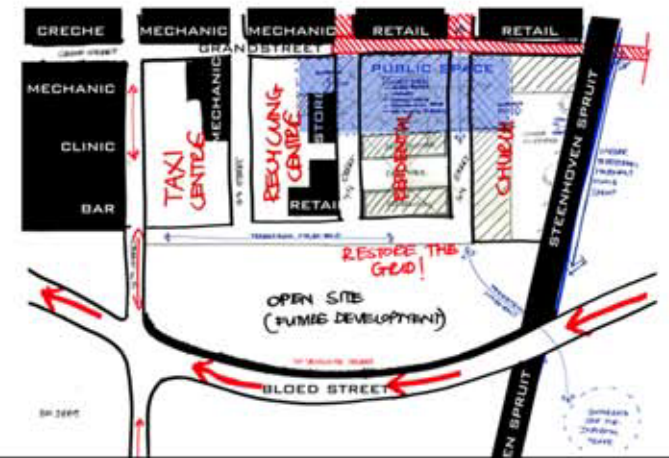
- 001 Site exploration indicating existing buildings with movement axis
- 002 Programming exploration in terms of access and existing functions
- 003 Programming exploration with introduced public space creating an urban square for existing activities to spill out on to



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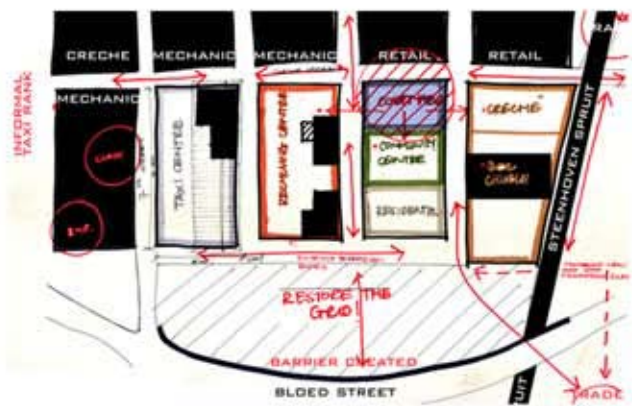


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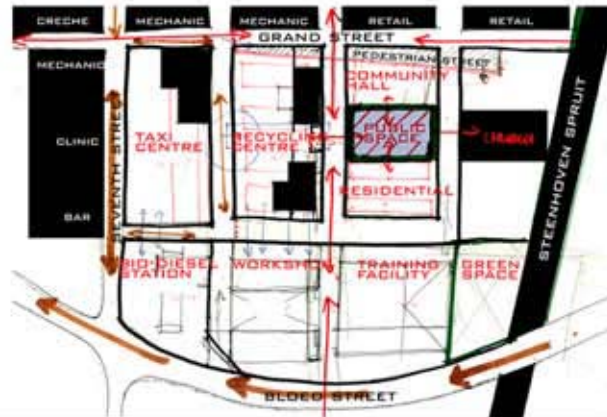


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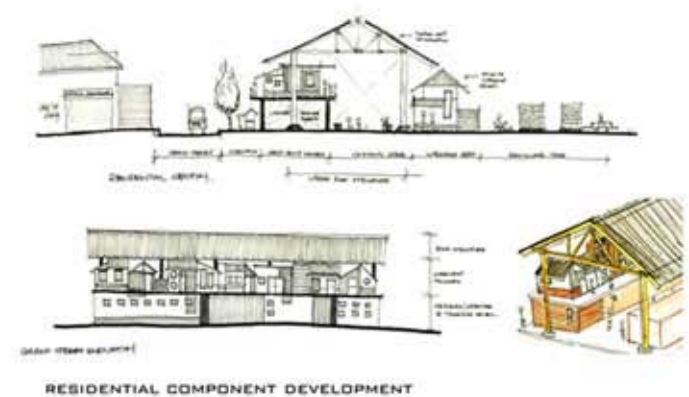
- 004 Restoration of the grid with programmes assigned to grid blocks. A community centre is placed between the public space and residential units to centralise public functions.
- 005 Public space shifted between community hall and residential units to create urban street boundary at Grand Street. A diagonal pedestrian axis is explored to create a ritual space at the entrance of the church set off Grand Street. Combined spatial and programme planning with proposed neighbouring development on site.
- 006 Residential component development south of the public space to create living units on site for recycling yard and proposed neighbouring facilities.



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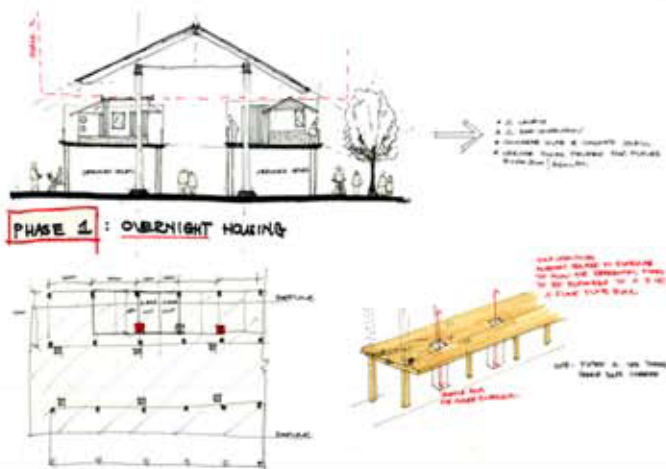
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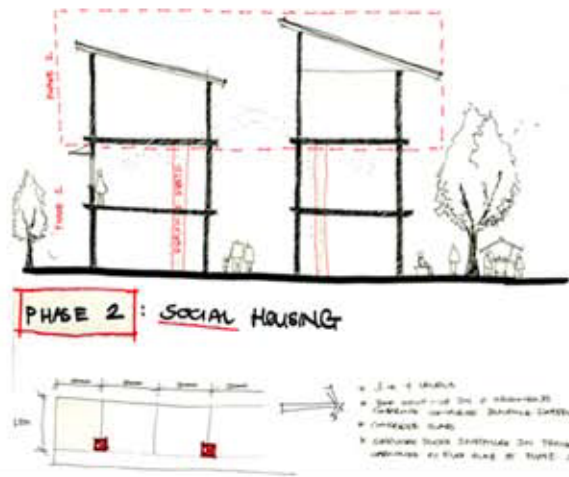
007 Residential component exploration

008 Exploration of phasing

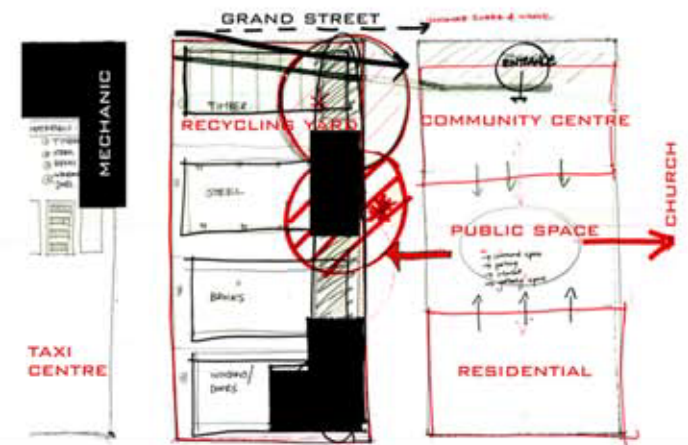
009 Public space serving as spill out space for the community centre, recycling yard, the ZCC (church) and the residential units.



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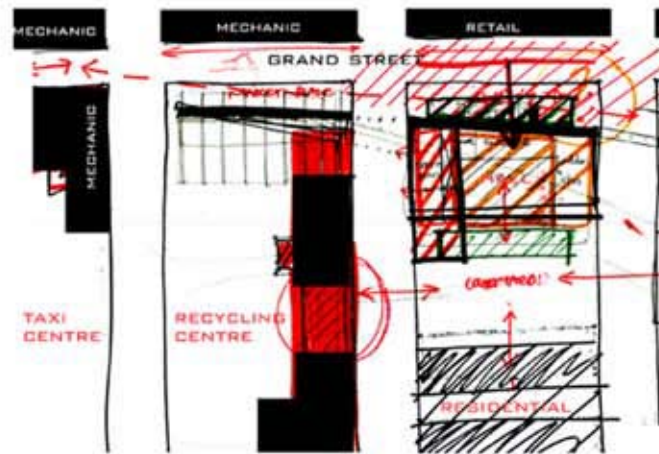
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010 Recycling centre layout with public entrance possibilities from the public space.

011 Further refined spatial exploration with neighbouring development.

The residential units are discarded due to a proposed neighbouring social housing scheme east of Steenhoven Spruit.

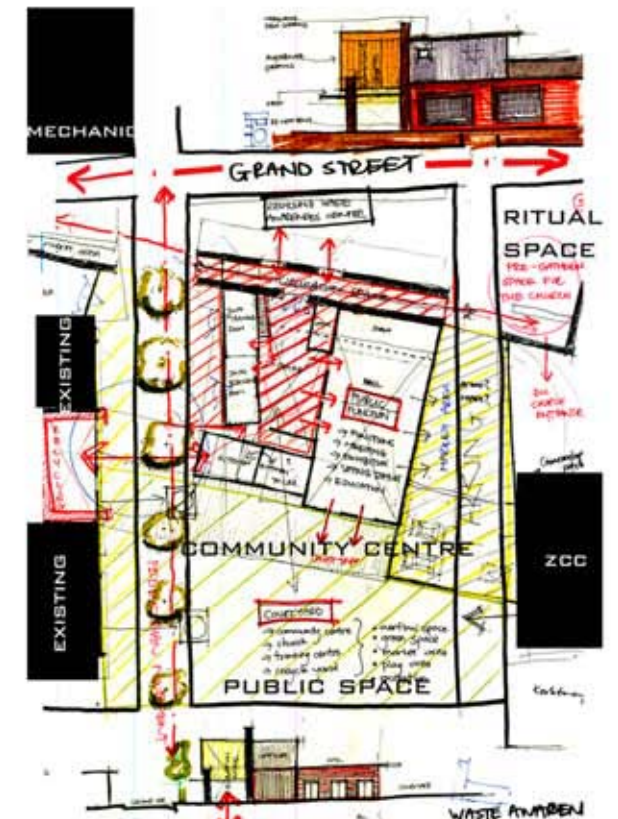
012 Development of community centre as training centre for recycling yard with a ritual space for the north entrance of the ZCC created by diagonal pedestrian axis.



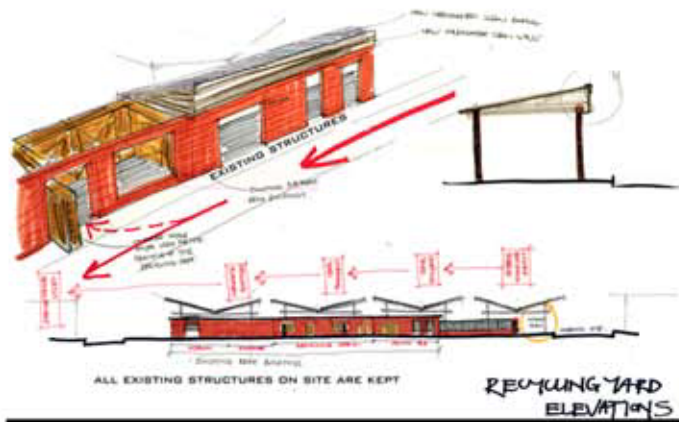
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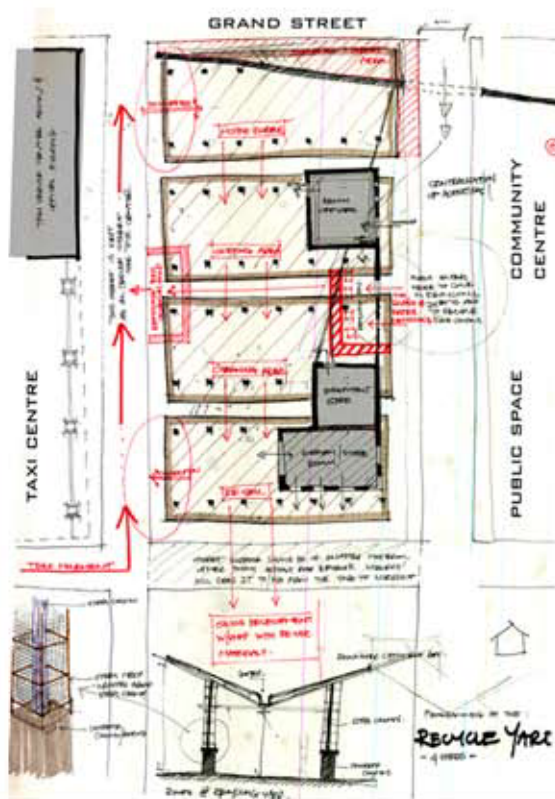
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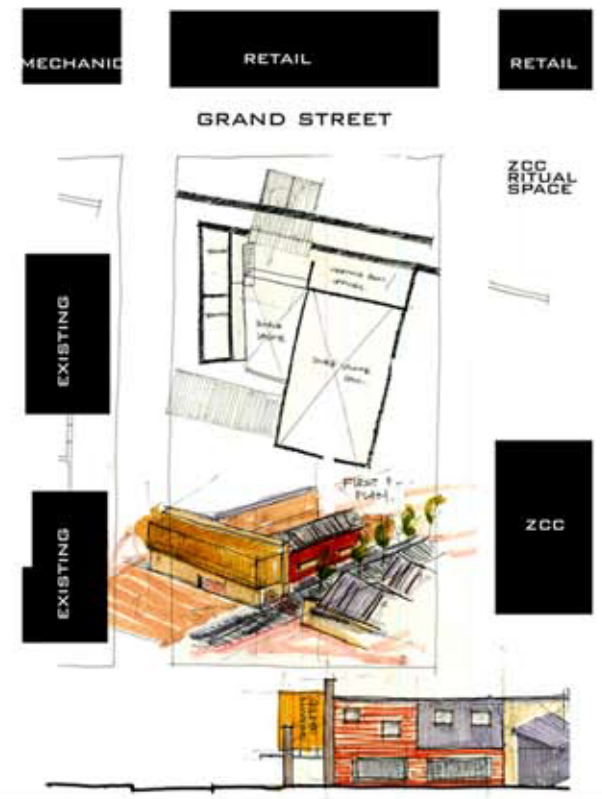
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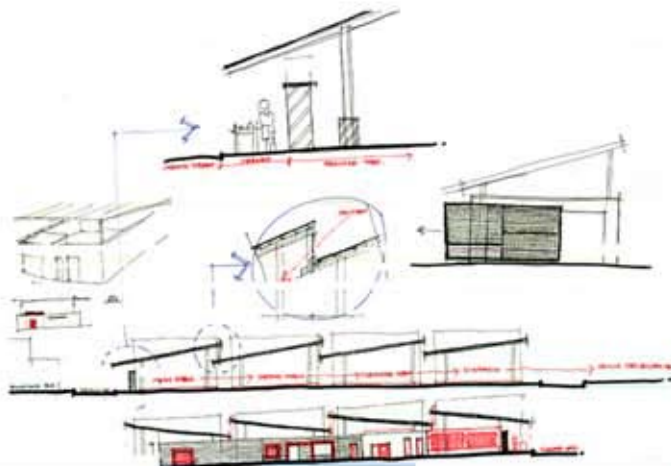
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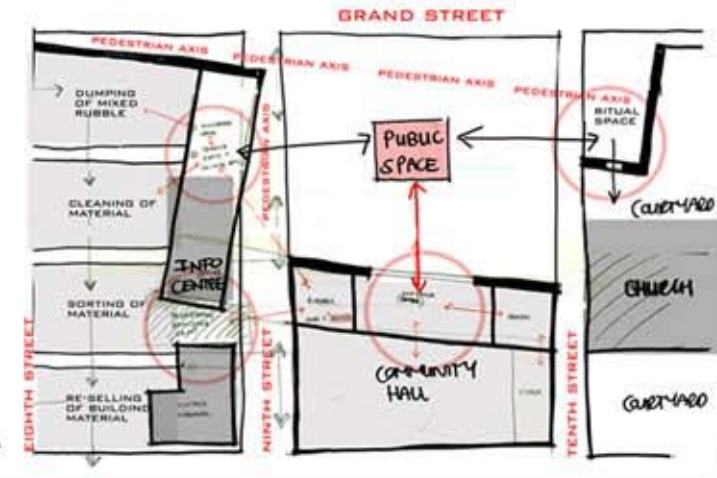
- 013** Recycling yard elevation of existing buildings and new roof seen from the public space
- 014** Recycling yard programme layout with entrances, service road and butterfly roof exploration after the investigation of Rural Studio's Thomaston Farmer's market.
- 015** Community hall with training facility layout with 3D and elevation exploration, here this centre has a large public space south of it and a small public space in front of it.
- 016** Alternative roof exploration at the recycling yard with connection possibilities.
- 017** North elevation of recycling yard and community centre with investigation of a wall element built from recycling material after the investigation of Rural Studio's Supershed and pods.
- 018** **TURNING POINT IN DESIGN:** The design with its functions lacked urban qualities for the context it is in. The influence of Rural Studio lead to a more rural approach to design. The Nelson Mandela interpretation centre were investigated as a precedent to achieve urbanity within a community that lacks good urban qualities. This resulted in the community centre moving back to create just one public space from where the entrance to all the surrounding activities can be. The one public space is now able to be fully activated by the function surrounding it. The size of the functions were enlarged an higher volumes were introduced.



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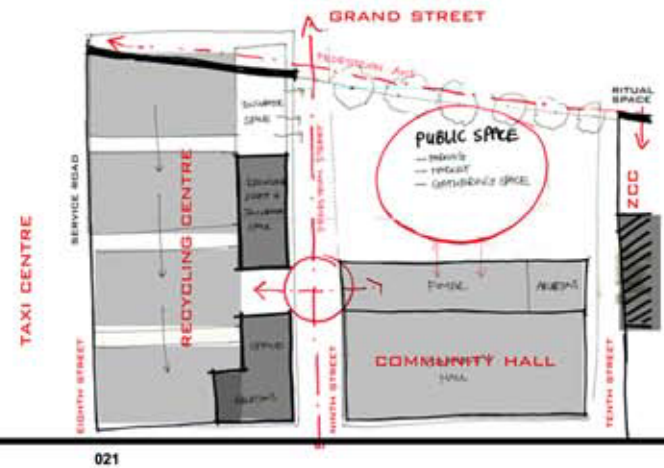
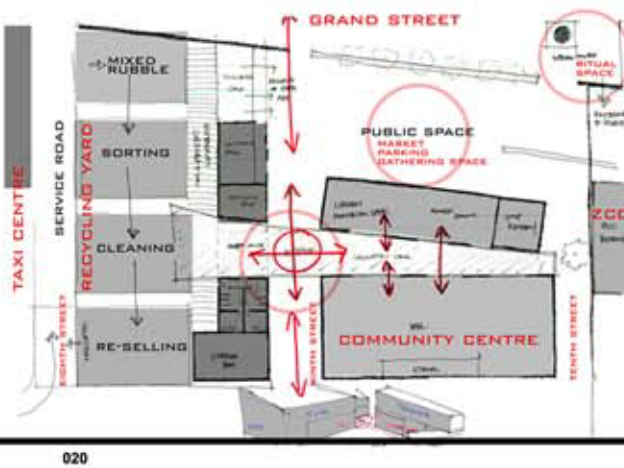
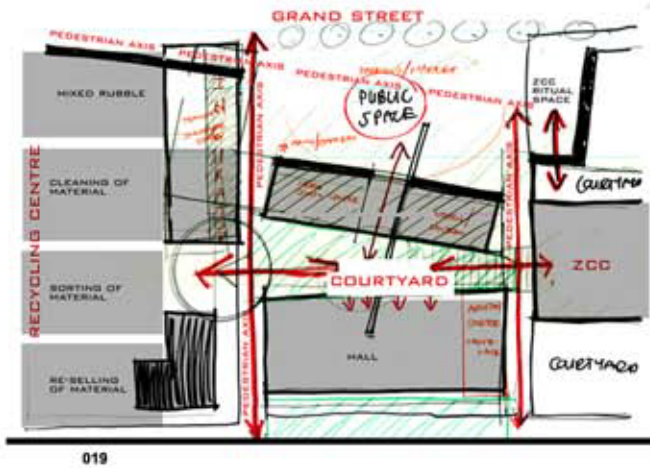
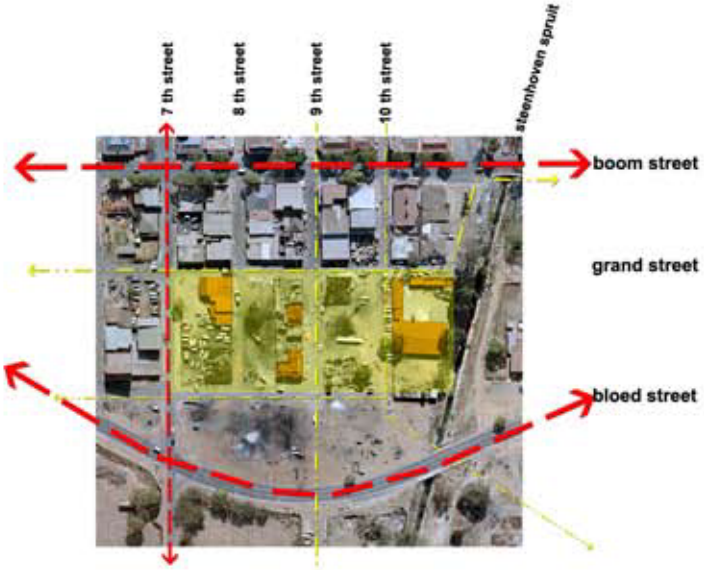
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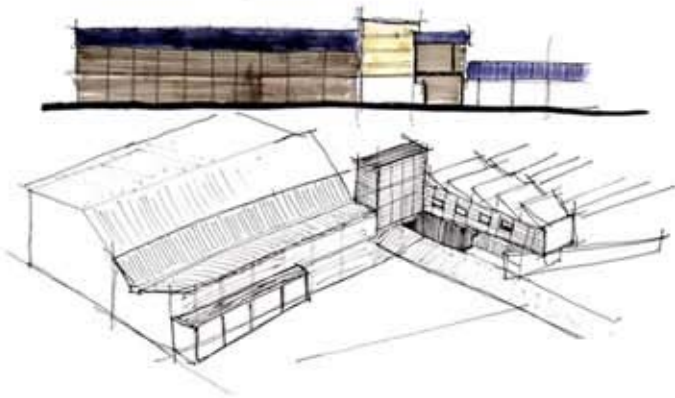
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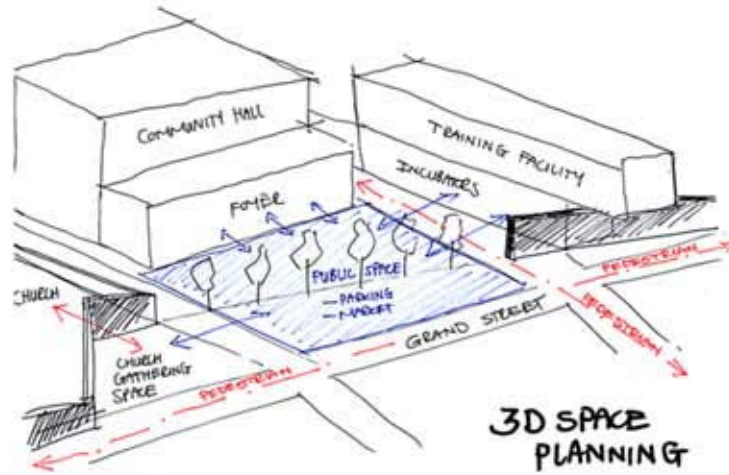
- 019 Internal courtyard created at community centre between the hall and an information centre/foyer, accessible from the public space.
- 020 Diagonal pedestrian axis ends with a water tower at the ritual space that acts as an orientation tower in the public space.
- 021 Community centre's geometry is simplified and entrances are indicated, this positioning of the centre frames the public square.



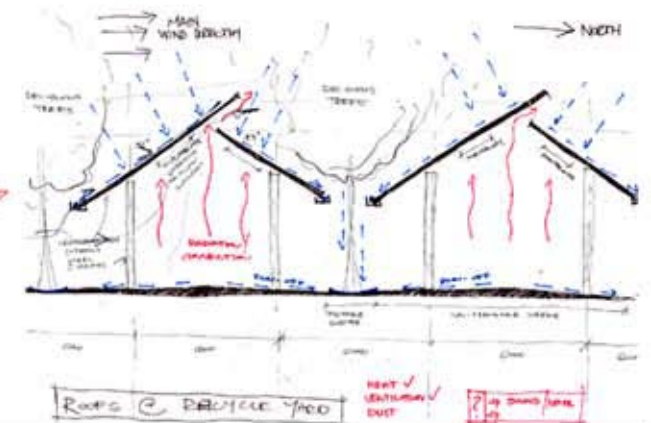
- 022** Connection exploration between community centre and recycling centre.
The training facility is now located above the existing buildings of the recycling facility to give it an urban sense.
- 023** Volumetric exploration, placing and programming in relation with the public space and the pedestrian axis.
- 024** Exploring other roof structures over the recycling depot other than the original conceptual butterfly roofs.



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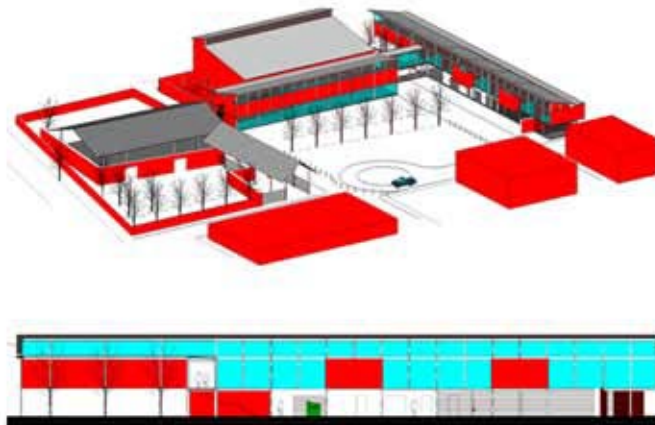


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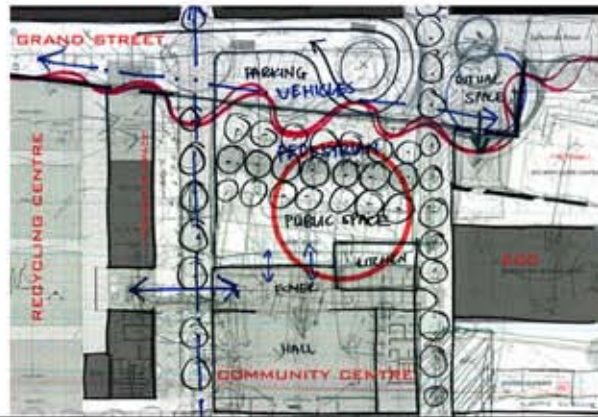
025 3D model with training facility elevation.

026 Turning circle for cars to create a pedestrian public space is introduced and a free form element is explored on the diagonal axis.

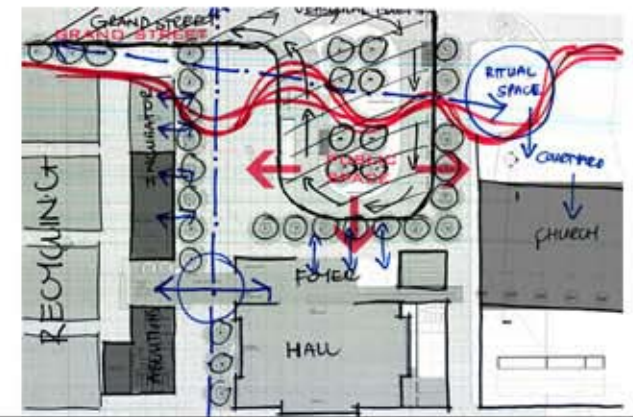
027 Further exploration of free form element with the turning circle taken through the whole public space to allow taxi's and busses to drop off and pick up people using the surrounding functions.



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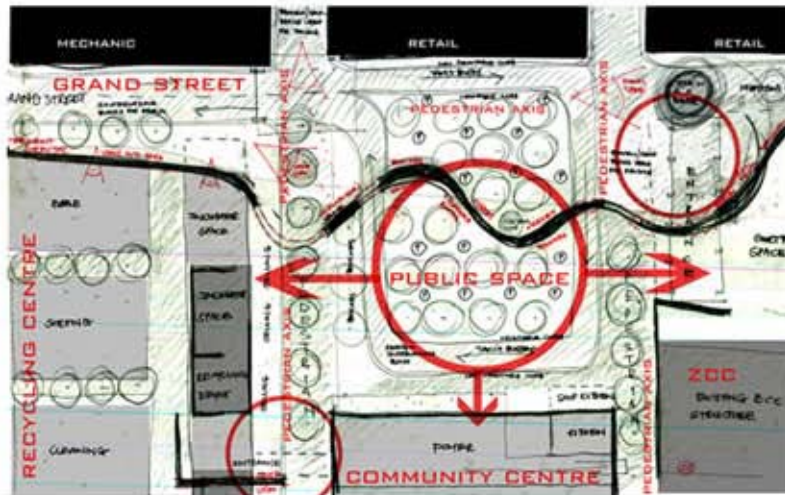
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028 The free form element encapsulating and defining the ritual space and acting as a direction indicator for pedestrian movement.

029 The free form element consists of a series of walls, benches, floor lines and is constructed from recycling materials to introduce the theme of recycling to the public. The shape is further explored.



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