Tactical Urbanism - Railway Street
Railway Street, Southport
February 2017

Produced by
City Place Making: Building Lifestyle; Delivering Opportunity; Promoting Prosperity
# Tactical Urbanism - Railway Street, Southport

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**Stakeholders**

<table>
<thead>
<tr>
<th>Role</th>
<th>Approve/Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manager (Acting)</td>
<td>Roger Sharpe</td>
<td></td>
</tr>
<tr>
<td>City Development Planning &amp; Environment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Executive Coordinator, City Place Making, City Development Planning &amp; Environment</td>
<td>Patrick Duigan</td>
<td></td>
</tr>
<tr>
<td>Asset Custodian</td>
<td>Clayton Berg</td>
<td></td>
</tr>
<tr>
<td>City Assets, City Infrastructure Delivery</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coordinator Urban Precincts, City Maintenance</td>
<td>Jim Bowden</td>
<td></td>
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<td>Coordinator City Cleaning, City Maintenance</td>
<td>Paul McCarthy</td>
<td></td>
</tr>
<tr>
<td>Coordinator Parks &amp; Open Space Services Parks &amp; Recreational Services</td>
<td>Jarrid Willcocks</td>
<td></td>
</tr>
<tr>
<td>Executive Coordinator Transport Network Management Transport &amp; Traffic</td>
<td>Brigid Kudzius</td>
<td></td>
</tr>
<tr>
<td>Senior Project Manager Specialist Transport and Traffic</td>
<td>Andrew Wiles</td>
<td></td>
</tr>
<tr>
<td>Councillor Division 6 (Sponsor)</td>
<td>Cr. Dawn Crichlow</td>
<td></td>
</tr>
</tbody>
</table>

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**Document Issue Status Record**

City of Gold Coast
Planning & Environment
Waterside East Building
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**PROJECT**
Tactical Urbanism Project - Railway Street, Southport

**ASSET CUSTODIAN:**
- City Assets, City Infrastructure

**PREPARED BY:**
- City Place Making - City Development, Planning & Environment Directorate

**DOCUMENT TITLE:**
Tactical Urbanism - Railway Street

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**DATE:**
20 February 2017

**DESCRIPTION:**
Issue for Review
1.1 Site Layout

Legend

1. Paint and replant existing plant pots
2. Footpath Treatment
3. Additional plants to existing garden bed
4. Additional plants to existing raised garden bed
5. Pressure wash raised garden bed
6. Paint stencil onto existing bin
7. Remove one existing plant pot and move the other plant pot to 8
8. Relocated plant pot
9. Paint existing seat frames

1.0 Design

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Railway Street
1.3 Concept Perspective
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## 1.3 Design and Construction Issues

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>POSSIBLE IMPLICATION</th>
<th>CPM RESPONSE IN THE DESIGN STAGE OF THE PROJECT</th>
<th>PROPOSED CONSTRUCTION STAGE RESPONSE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SITE SURVEY</strong></td>
<td>Site survey has been derived from photogrammetry and vague onsite measurements. No detailed / formal site survey has been used in the development of the concept design.</td>
<td>Majority of the works don’t rely on square meterage calculations. Where they do, allowed for a larger contingency sum in the order of costs i.e., Concrete works. Design also allows for adjustments to be made to ensure that cost blowouts do not occur.</td>
<td>Construction to track costs and provide updates to client at regular dates as set out by client. Hold pre-start construction briefing meeting to discuss known issues and design concept.</td>
</tr>
<tr>
<td><strong>GROUND CONDITIONS</strong></td>
<td>The existing condition of the footpath is quite poor with uneven grades and large cracks. Existing footpath dominates the visual amenity of the area.</td>
<td>Fixing up the concrete where possible and breaking up the expanse of concrete with painted treatment.</td>
<td>Refer to plans for treatment</td>
</tr>
<tr>
<td><strong>SITE ACCESS</strong></td>
<td>Good access to site for construction works.</td>
<td>Costs blow out due to increase labour time. Construction completion date needs to be extended which may affect business traders and Councillor expectations.</td>
<td>Take into consideration site access and design appropriately. Liaise with construction supervisor during design phase of project.</td>
</tr>
<tr>
<td><strong>DESIGN</strong></td>
<td>Certain elements of the design not meeting the aesthetic expectation of client after construction.</td>
<td>Design expectations are not met. Clearly define all object specifications and include details and notes where applicable to achieve best possible results</td>
<td>Follow information / specs or sort approval by designer prior to making an onsite change</td>
</tr>
<tr>
<td><strong>VEGETATION</strong></td>
<td>Care of new planting not being cared for during establishment period. On-going care of plants</td>
<td>Proposed plants into existing plant pots are hardy but will require more maintenance requires Proposed plants with the new and existing garden beds are hardy with many being used in streetscapes previously. Landscape notes and details including information on plant establishment has been noted in the design information</td>
<td>Construction Supervisor to ensure plant establishment is followed as specified</td>
</tr>
<tr>
<td><strong>FURNITURE</strong></td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>STAKEHOLDER CONSULTATION</strong></td>
<td>Limited opportunity to discuss concept design with relevant stakeholders and project timelines. Business traders and property owners may dislike proposals outlined in concept plan. Angst amongst business owners without knowledge of completion date of works.</td>
<td>Prior to construction consult with traders and owners regarding proposal and discuss wants and needs.</td>
<td>Construction supervisor to ensure business traders are kept up to date on a daily basis of works planned for the day. Notify business owners expected start and completion date prior to construction works</td>
</tr>
</tbody>
</table>

*February 2017*
2.1 Planting Palette

- Metrosideros ‘Fiji fire’
- Gazania rigens ‘White kiss’
- Nandina domestica ‘nana’
- Isabella® Liriope muscari ‘LIRF’

2.2 Furniture Palette

- 240L Bin Enclosure with Custom Stencil Design (Artist impression)
- Paint existing seat frame
  Colour: Black

2.3 Pavement Treatment

- Proposed Pavement Treatment to Footpath
- Stencil - Ashlar Slate
- Colour - Grout - Existing pavement colour
  - Paving - Stormy blue
  - Feature square bands - Pumpkin, Royal Blue, Yellow
  - Speckle - Black
3.2 Planting & Furniture Schedule

**PLANTING SCHEDULE**

<table>
<thead>
<tr>
<th>Location</th>
<th>Species Type</th>
<th>Quantity</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kerbside</td>
<td>Metrosideros collina 'Fiji fire'</td>
<td>5</td>
<td>20L</td>
</tr>
<tr>
<td></td>
<td>Gazania rigens 'White kiss'</td>
<td>32</td>
<td>140mm</td>
</tr>
<tr>
<td>Existing garden beds</td>
<td>Nandina domestica 'nana'</td>
<td>12</td>
<td>140mm</td>
</tr>
<tr>
<td></td>
<td>Isabella® Liriope muscari 'LIRF'</td>
<td>12</td>
<td>140mm</td>
</tr>
<tr>
<td></td>
<td>Gazania rigens 'White kiss'</td>
<td>12</td>
<td>140mm</td>
</tr>
</tbody>
</table>

**FURNITURE SCHEDULE**

<table>
<thead>
<tr>
<th>Type</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>240L Bin Enclosure</td>
<td>Custom Stencil - Black</td>
</tr>
<tr>
<td>Bench seats</td>
<td>Paint seat frame - Black</td>
</tr>
<tr>
<td>Raised Planter</td>
<td>Paint planter base - Black</td>
</tr>
</tbody>
</table>

3.3 Notes

**LANDSCAPE NOTES**

**PLANT MATERIAL**

Plants shall be of the species, sizes and quantities as shown in the planting schedule. Plants shall be vigorous, well established, of good form, not soft or forced, free from disease and insect pests. Plants shall have large healthy root systems, not root bound and all trees with a clear trunk and single leading shoot.

**PLANTING**

Planting is to be done in accordance with tree planting notes on this sheet. Do not vary plant locations from those shown on the planting plans unless otherwise instructed. After laying out plants but prior to planting, contact landscape architect on 5582 8067 to confirm densities and locations. Do not plant in unsuitable weather condition such as extreme heat, cold, wind, and rain. Remove the plant from the container with minimal disturbance to the rootball, place it in the centre of the hole and plumb. Ensure that the top of the rootball is level with the finished surface of the soil surrounding the hole. Backfill with soil as detailed. Shrubs and groundcovers are to be planted at even spaces throughout nominated areas on plan in a staggered pattern as detailed. Apply ‘Seasol’ or equivalent at time of planting as specified by the manufacturer.

**IMPORTED TOPSOIL and POTTING MIX**

Imported soil mix to AS4419, for garden use. Greenfingers’ Commercial Grade Garden Soil or equivalent. Soil is to be free from weeds, rocks, roots, rubbish, or any other deleterious material.

Place imported soil to depths detailed, compact lightly in 150mm layers, spread and grade evenly. Prevent excess compaction. Mound imported topsoil in planting beds to promote drainage, mound to levels as detailed. Finish sides to allow the thickness of mulching material to be 20mm below the level of adjacent finished surface levels.

**MULCH**

Use mulch, which is free of deleterious and extraneous matter such as soil, weeds and sticks. Place mulch to the required depth of 100mm in garden beds. Clear plant stems and rake to an even surface 20mm below top of garden edge. Mulch type: Hoop pine bark.

**FERTILISER**

Groundcover: Place osmocote general slow-release type fertiliser pellets or similar around the rootball of the plants at time of planting, at rates recommended by the manufacturer. Do not place in contact with rootballs. Trees: Place x1 ‘Initiator’ tablet to dripline of each tree as specified by the manufacturer (available from GCCC Nursery).

**PLANTING ESTABLISHMENT**

All plant material to be maintained and watered for 12 weeks. Water by hand twice a week for the first 6 weeks and once a week for the following 6 weeks. Apply ‘Seasol’ or equivalent every two weeks for the first 6 weeks after planting as specified by the manufacturer. At the end of the ‘planting establishment period’, all plant material will be alive, healthy, true to form and species, free from disease and damage and in accordance with the plant schedule. Completion of the ‘planting establishment period’ will be gained on approval in writing from a gccc representative. Replace all failing, dead and/or missing plants.

**PLANTING ‘ON’ MAINTENANCE PERIOD**

Planting on maintenance period will run for 12 months starting at the completion of the ‘planting establishment period’. Water all plant material on 16 separate occasions. Maximum time between watering occasion is 4 weeks. All plant material will be alive, healthy, true to form and species, free from disease and damage and in accordance with the plant schedule. Replace all failing, dead and/or missing plants. Completion of the ‘planting maintenance period’ will be gained on approval in writing from a GCCC representative.

**NOTES**

- These schedules are to be read in conjunction with dwg overall concept design.
- Do not substitute any plants unless otherwise approved by landscape architect x8067.
- Plants to be planted at even centres within areas shown on plan.
- Keep mulch clear of trunk and stem.
- Check with site foreman for location and depth of existing services. Care is to be taken when excavating trench so not to compromise services.
3.3 Details

**GARDEN BED PROFILE DETAIL**

**GARDEN BED TO CONCRETE SURFACE DETAIL**

**GROUNDCOVER PLANTING DETAIL**