

Appendix 7 Structure Plans

| | | |
|----|------------------------------|---------|
| 1. | Waihi Beach | APP7-2 |
| 2. | Katikati | APP7-3 |
| 3. | Omokoroa | APP7-4 |
| 4. | Te Puna Business Park | APP7-10 |
| 5. | Te Puke | APP7-13 |
| 6. | Te Puke West Industrial Zone | APP7-14 |
| 7. | Rangiuru Business Park | APP7-16 |

2. Waihi Beach Structure Plan

(a) Infrastructure Schedule

| Project | | Funding Source(%) | | | |
|--------------|----------------|-------------------|---------------------------------------|------------------|-------|
| | | Developer | Council Financial Contributions | Council Rates | Other |
| Water Supply | Source | 0% | 0% | 0% | 0% |
| | Reservoirs | 0% | 100% | 0% | 0% |
| | Reticulation | 37% | 63% | 0% | 0% |
| Wastewater | Treatment | 0% | 0% | 0% | 0% |
| | Reticulation | 12% | 88% | 0% | 0% |
| Stormwater | Ponds | 0% | 100% | 0% | 0% |
| | Reticulation | 0% | 100% | 0% | 0% |
| Transport | Roads | 0% | 100% | 0% | 0% |
| | Intersections | 0% | 100% | 0% | 0% |
| | Walk/cycleways | 0% | 100% | 0% | 0% |
| | Park n Ride | 0% | 0% | 0% | 0% |

Note: This schedule is a summary only. Refer to the Plan Change that proposed the structure plan for the original Schedule. In accordance with Rule 11.3.4 the Schedule is updated annually through the LTCCP/Annual Plan process to reflect changes in costs and timing.

Athenree Ecological Protection Requirements

To assist in protecting and maintaining the ecological values of Tauranga Harbour adjoining the Athenree foreshore, properties in the structure plan area and which adjoin the Tauranga Harbour or Esplanade Reserve are required to have a minimum area of 2000m².

An additional width Esplanade Reserve is to be set aside along the foreshore to the South of Athenree Road. The reserve is to generally follow the top of the escarpment. On the eastern most property (Lots 4 & 8, DP35041) the esplanade reserve is to be 20m from mean high water spring.

Provision shall be made by the Western Bay of Plenty District Council for a future walkway within the esplanade reserve and its specific location and design shall be supported by an ecological assessment carried out by a suitably qualified and experienced Ecologist. Suitable fencing (1.2 metres high) generally located along the harbours edge and planting of the embankment shall be implemented as part of any future subdivision development to assist in reducing the potential for people and domestic pets from venturing on to the harbour edge.

2. Katikati Structure Plan

(a) Infrastructure Schedule

| Project | | Developer | Funding Source(%) | | |
|---------------------|-----------------------------------------------------|-----------|---------------------------------------|------------------|-------|
| | | | Council Financial Contributions | Council Rates | Other |
| Water Supply | Source | | | | |
| | Reticulation | 20% | 80% | 0% | 0% |
| Wastewater | Reticulation | 20% | 80% | 0% | 0% |
| Stormwater | Ponds | 84% | 16% | 0% | 0% |
| | Reticulation | 28% | 72% | 0% | 0% |
| Transport | Roads | | | | |
| | Carisbrook Street | 0% | 100% | 0% | 0% |
| | Sheffield Street | 0% | 100% | 0% | 0% |
| | Marshall Road | 0% | 100% | 0% | 0% |
| | Tetley Road | 0% | 100% | 0% | 0% |
| | Wills Road | 0% | 100% | 0% | 0% |
| | Internal Residential | 85% | 15% | 0% | 0% |
| Internal Industrial | 88% | 12% | 0% | 0% | |
| | Intersections | | | | |
| | Wharawhara/ SH2 Roundabout and link to Bypass | 0% | 0% | 0% | 100% |
| | Marshall Road/SH2 Traffic Lights | 0% | 0% | 0% | 100% |
| | Walk/cycleways | 0% | 100% | 0% | 0% |

Note: This schedule is a summary only. Refer to the Plan Change that proposed the structure plan for the original Schedule. In accordance with Rule 11.3.4 the Schedule is updated annually through the LTCCP/Annual Plan process to reflect changes in costs and timing.

(b) Waterford Industrial Zone

A close-boarded wooden fence shall be constructed on the boundary of the zone with Flat 1 DPS 31079 and Lot 2 DPS 30458. The fence shall be 2.0m in height with a wooden cap.

The fence is to be constructed prior to Lot 2 DP 30458 being used for industrial purposes.

3. Omokoroa Structure Plan

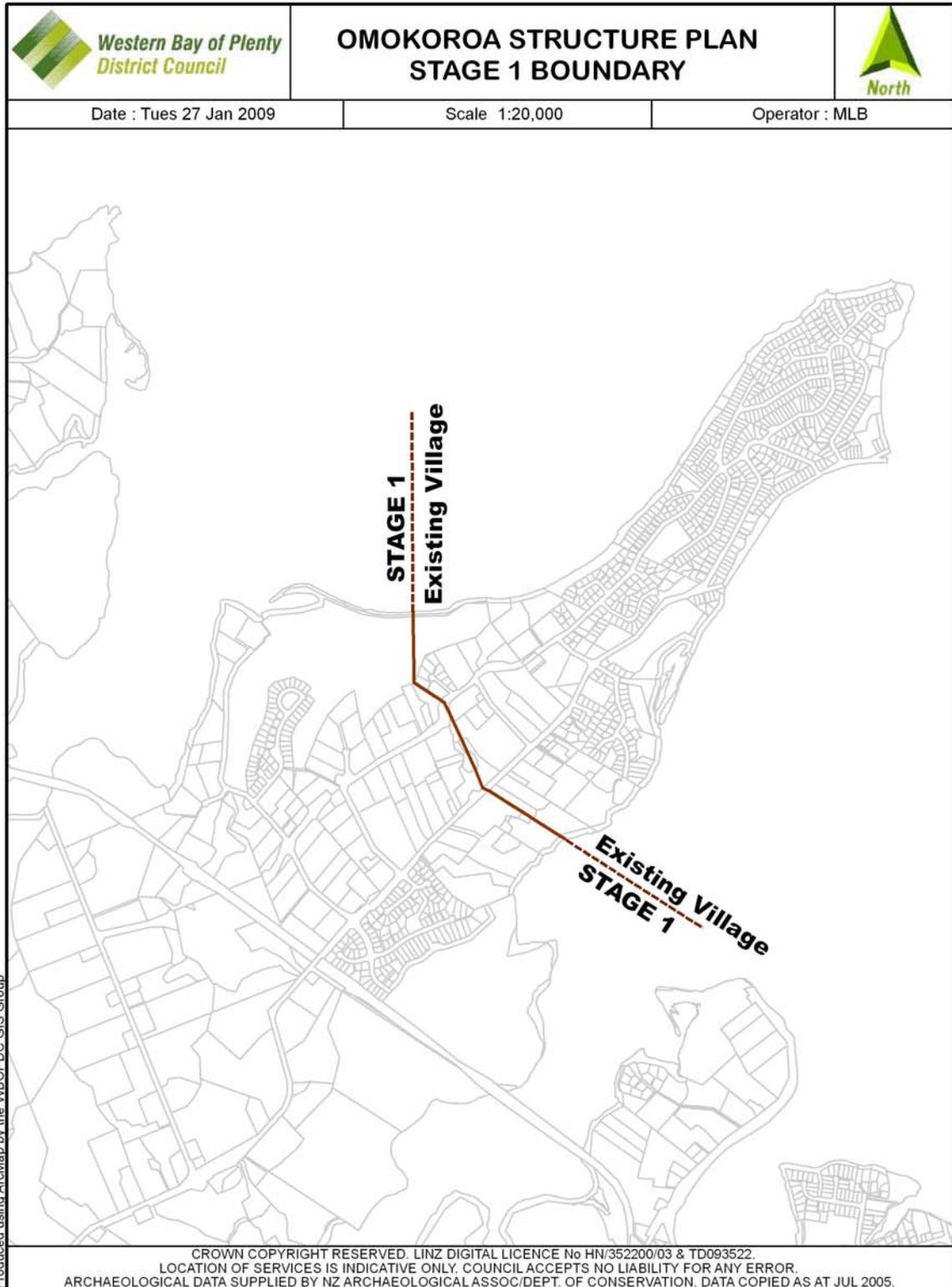
(a) Infrastructure Schedule

| Project | | Developer | Funding Source(%) | | |
|--------------|----------------|-----------|---------------------------------------|------------------|-------|
| | | | Council Financial Contributions | Council Rates | Other |
| Water Supply | | | 72.6% | 27.4% | |
| Wastewater | Reticulation | | 73.0% | 11.0% | 16.0% |
| Stormwater | Ponds | | 93.4% | 6.6% | |
| | Reticulation | 100.0% | | | |
| Transport | Roads | 1.0% | 96.0% | 4.0% | |
| | Walk/cycleways | 100.0% | | | |
| | Park n Ride | 100.0% | | | |

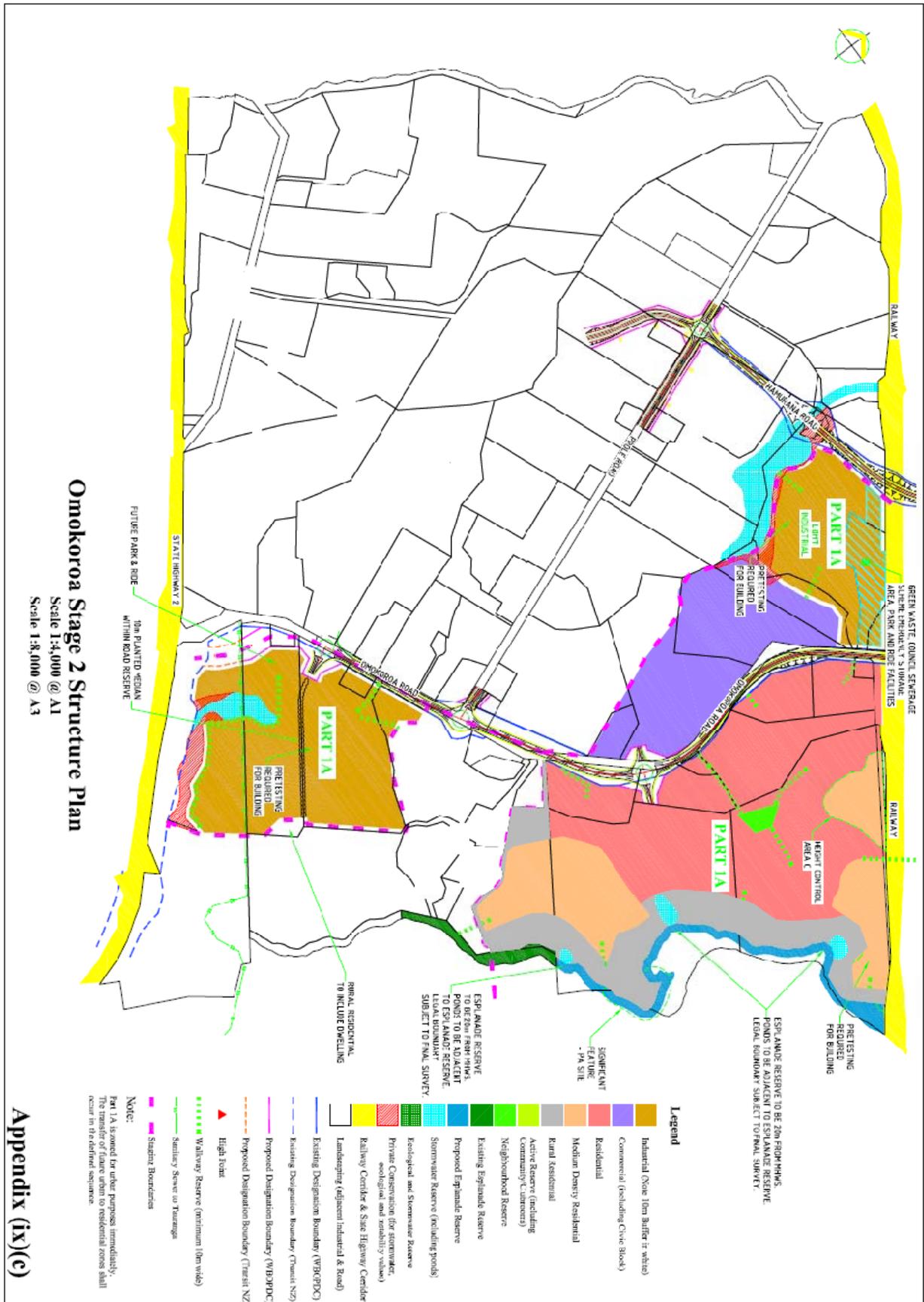
Note: This schedule is a summary only. Refer to the Plan Change that proposed the structure plan for the original Schedule. In accordance with Rule 11.3.4 the Schedule is updated annually through the LTCCP/Annual Plan process to reflect changes in costs and timing.



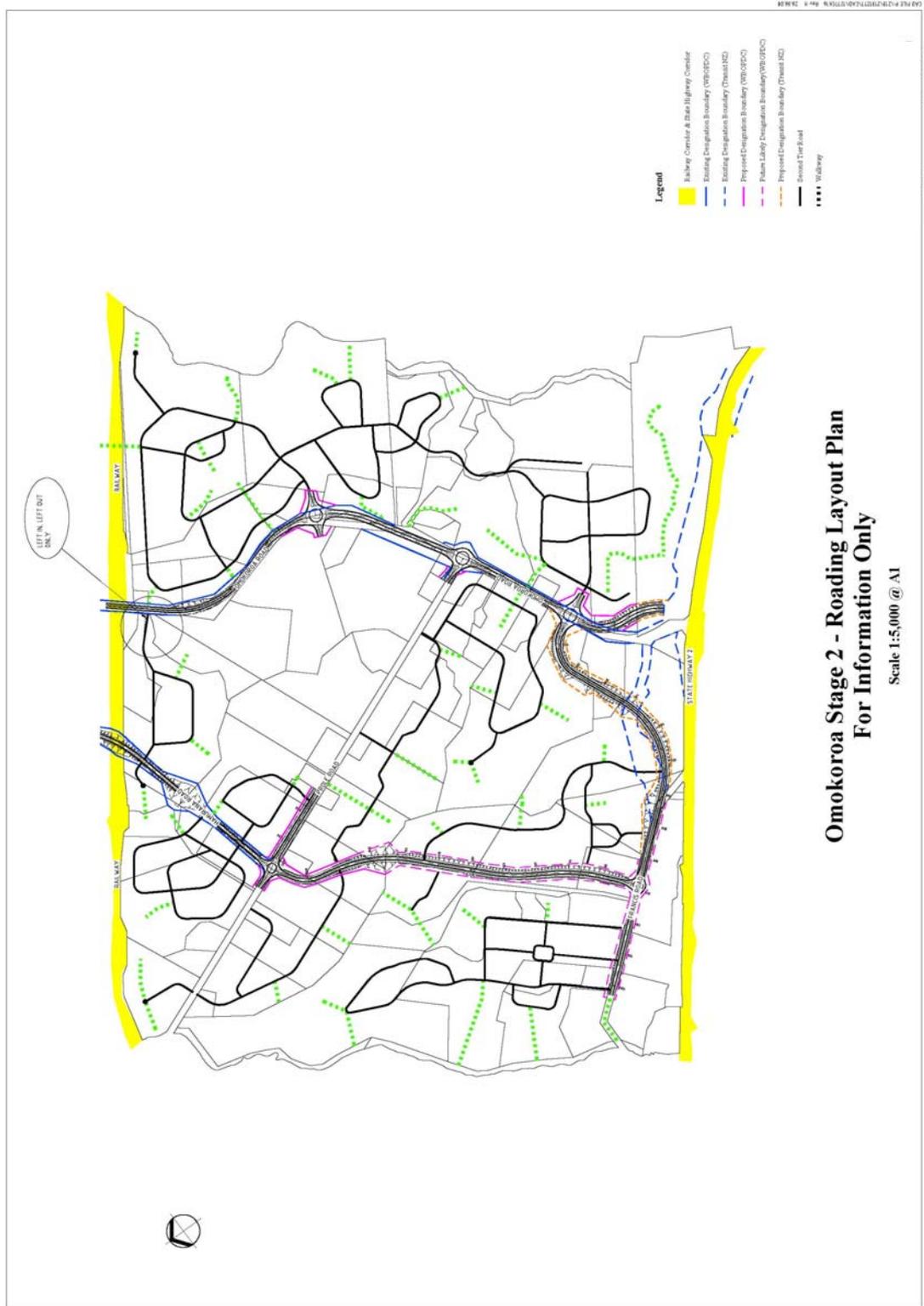
(b) Structure Plan Boundaries



(c) Structure Plan Stage 2



(d) Structure Plan Stage 2 Roding Map



(e) Earthworks Procedures

The following information is provided to give land developers information on good earthworks practice in the Omokoroa Stage 2 Structure plan area.

Generally

1. Contractors involved in earthmoving or who disturb earth as part of their development need to consult with Pirirakau so all parties are aware of protocols surrounding archaeological sites.

Consultation

2. Specifically, at least four weeks prior to significant earthworks on site Pirirakau is to be informed of the upcoming earthworks.

Earthworks

3. Prior to the works starting Pirirakau should be invited to carry out a blessing of the site.
4. All earthworks are to be monitored by a representative of Pirirakau and to this end an agreement between Pirirakau and the developer should be formed to enable site access for monitoring. It will be the developers responsibility to ensure all Occupational Safety and Health requirements and other legal obligations are able to be met by the Pirirakau representative.
5. On discovery of any unrecorded sites of archaeological importance work shall cease immediately until an assessment can be made by a hapu representative. Pirirakau will retain an archaeologist for further opinion or recommendation when or if one is required.

Archaeological

6. On discovering any archaeological find the following process will be instigated:

Koiwi (human remains)

- Site work will stop, and the designated Pirirakau representative will be notified and inspection/ assessment carried out.
- Rahui will be imposed on the site and immediate surrounds.
- Pirirakau and contractors to meet and assess implications and constraints.
- Pirirakau to notify relevant authorities.
- Koiwi site and location to be recorded and inspected by archaeologist.
- Site to be registered as Waahi tapu.
- Exhumation to be carried out according to tikanga and kawa.
- Construction Work may continue in another area until site has been made safe to continue.

Stone Artefacts

- Work in the immediate area will stop and Pirirakau representative to be notified.
- Rahui will be imposed for duration of assessment.
- Location to be recorded.
- Relevant authorities notified.
- Artefacts to be dated and removed from site by Pirirakau.
- Taonga to be vested under mana of Pirirakau.
- Investigation of immediate vicinity to be carried out.
- Work may continue in another area until site has been made safe to continue.

Wooden Artefacts

- Work in immediate area will stop and Pirirakau representative to be notified.
- Rahui will be imposed for duration of assessment.
- Location to be recorded.
- Relevant authorities notified.
- If dry, artefact will need to be protected vacuum-packed and protected from deterioration.
- If wet, artefact needs to be submerged at the site. Artefact cannot be removed until a safe curing process is confirmed.
- Investigation of immediate vicinity to be carried out.
- Work may continue in another area until site has been made safe to continue.

Habitation/Midden/Cooking Sites

- Work in immediate area to stop and Pirirakau representative to be notified.
- Rahui will be imposed for duration of assessment.
- Location to be recorded.
- Relevant authorities to be notified.
- Surface investigation/excavation to determine extent of the site.
- Archaeological investigation to be carried out because of number of artefact remains which may be found.
- If wet, artefact needs to be submerged at the site. Artefact cannot be removed until a safe curing process is confirmed.
- Any significant find to be stored and recorded.
- Work may continue in another area until site has been made safe to continue.

Naming Rights

Pirirakau, as Hapu of the area, retains the right to name any areas or roads resulting from earthworks and/or construction of roads.



TE PUNA STATION ROAD PLANTING SECTIONS

(Planting to comply with sightline requirements at access points onto Te Puna Station Road)

CENTRAL ROADSCAPE
(20m SETBACK FROM TE PUNA STATION ROAD)

- Mound and swale relates to new ponds and open space pattern
- Wider roadscape contrasts with east and west roadscaapes

EAST AND WEST ROADSCAPES
(20m SETBACK FROM TE PUNA STATION ROAD)

- Linear planting reinforces local character

ACOUSTIC EARTH BUNDS

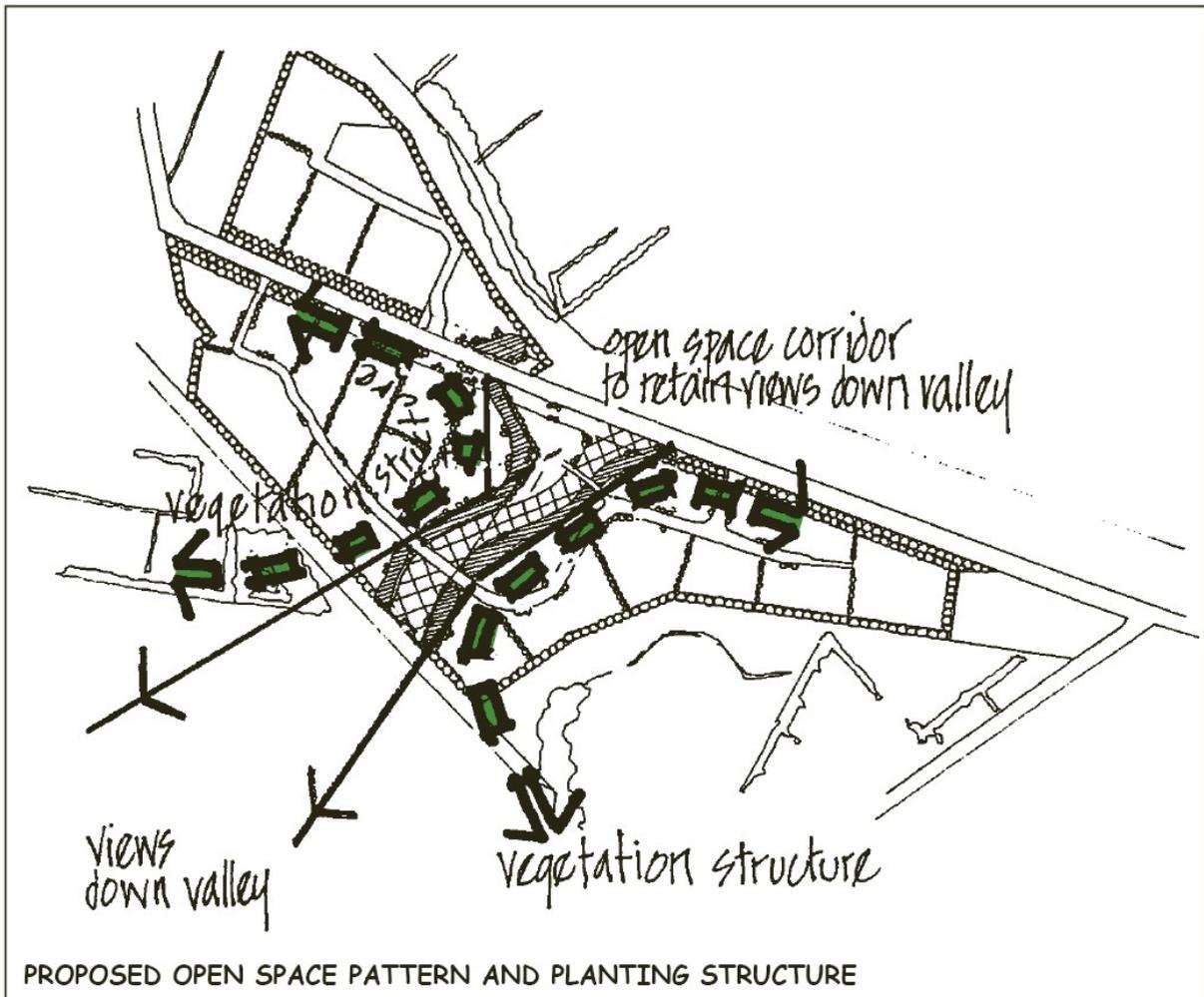
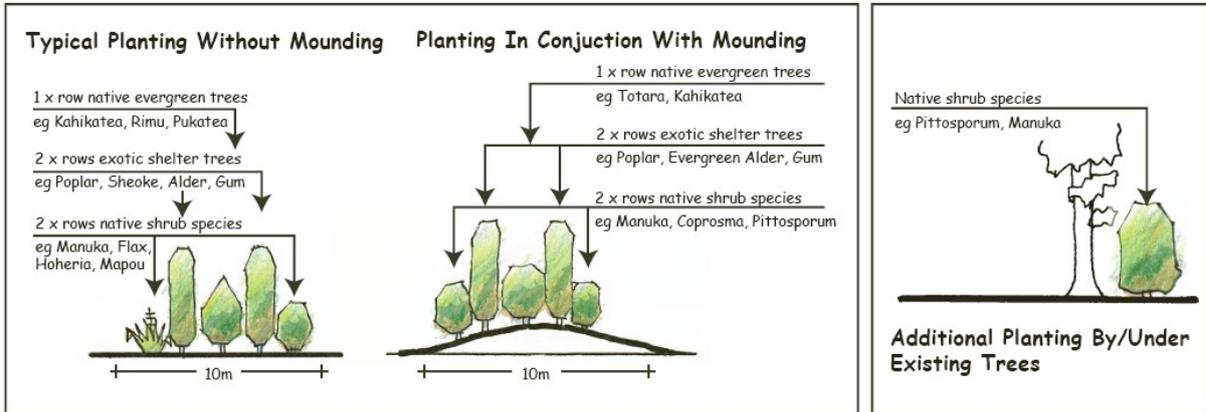
2.0 metre high earth bund (landscaped)
above finished ground level

DETAIL 1

1.5-2.0 metre high earth bund with 1.5-2.0 metre
high fence (landscaped) (total height not less than
3.0m above finished G.L.)

DETAIL 2

PERIMETER PLANTING



**TE PUNA RURAL BUSINESS PARK
STRUCTURE PLAN**

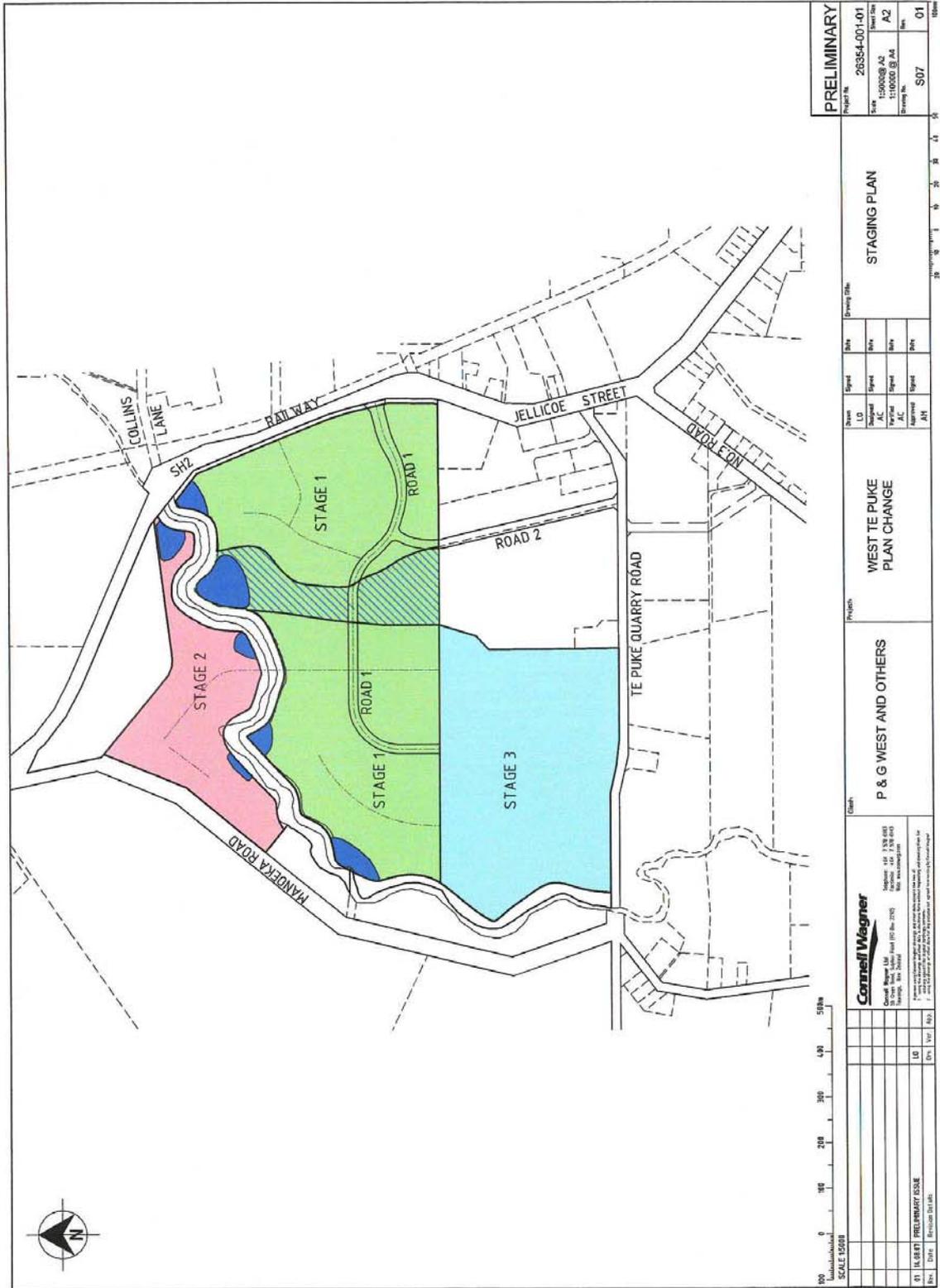
5. Te Puke Structure Plan

(a) Infrastructure Schedule

| Project | | Developer | Funding Source(%) | | |
|--------------|--------------------------------------------------|-----------|---------------------------------------|------------------|-------|
| | | | Council Financial Contributions | Council Rates | Other |
| Water Supply | Area 3, 4, 5 - Pongakawa Pipe Upgrade | 0% | 100% | 0% | 0% |
| | Area 3 MacLoughlin Drive 150mm pipe | 0% | 100% | 0% | 0% |
| | Area 3 Dunlop Road 100mm pipe | 0% | 100% | 0% | 0% |
| | Area 4 new water pump | 0% | 100% | 0% | 0% |
| | Area 4 - Tynan Street - Dudley Vercoe 200mm pipe | 52.50% | 47.50% | 0% | 0% |
| | Area 5 - Cannell Farm Drive 100mm pipe | 100% | 0% | 0% | 0% |
| Wastewater | Area 3 | 0% | 100% | 0% | 0% |
| | Area 4 and Area 5 | 100% | 0% | 0% | 0% |
| Stormwater | Area 3 | 0% | 100% | 0% | 0% |
| | Area 4 and Area 5 | 100% | 0% | 0% | 0% |
| Transport | Roading Area 3 Phase 1, 3, Area 4 and Area 5 | 85% | 15% | 0% | 0% |
| | Roading Area 3 Phase 2 | 75% | 25% | 0% | 0% |
| | Area 3 No 3 Road Roundabout | 0% | 80% | 20% | 0% |
| | Area 3 No 3 Road link to Te Puke Quarry Road | 0% | 50% | 30% | 20% |
| | Area 3 State Highway Median | 0% | 0% | 0% | 100% |
| | Area 5 No 1 Road / Village Heights Link Road | 0% | 20% | 80% | 0% |
| | Walk/cycleways and Recreational Land | | | | |
| | Area 3, 4, 5 | 0% | 100% | 0% | 0% |
| | MacLoughlin Drive Reserve | 0% | 100% | 0% | 0% |

Note: This schedule is a summary only. Refer to the Plan Change that proposed the structure plan for the original Schedule. In accordance with Rule 11.3.4 the Schedule is updated annually through the LTCCP/Annual Plan process to reflect changes in costs and timing.

6. Te Puke West Industrial Zone



7. Rangioru Business Park

Metroplex Rangioru Financial Contribution Schedule

November 2005

Rates include allowance for land purchase, contingencies plus design and supervision

Based on June 2005 costs

| Item | Description | Unit | Quantity | Rate | Amount Total Construction | Percentage of Public/ Network Benefit | Rangioru Contribution |
|-------------|---------------------------------------|------|----------|-----------|---------------------------|---------------------------------------|-----------------------|
| 1.00 | ROADING INFRASTRUCTURE | | | | | | |
| 1.01 | Eastern Arterial Interchange | LS | 1 | 9,788,000 | 9,788,000 | 0% | 9,788,000 |
| 1.02 | SH2/Pah Road Intersection Upgrade | LS | 1 | 2,217,000 | 2,217,000 | 0% | 2,217,000 |
| 1.03 | Young Road/Pah Road Roundabout | LS | 1 | 364,000 | 364,000 | 0% | 364,000 |
| 1.04 | Young Road Upgrade Within Site | m | 1850 | 2,350 | 4,347,500 | 0% | 4,347,500 |
| 1.05 | Young Road Upgrade Outside Site | m | 850 | 700 | 595,000 | 0% | 595,000 |
| 1.06 | Pah Road Upgrade | m | 1250 | 800 | 1,000,000 | 0% | 1,000,000 |
| 1.07 | Entrance Road | m | 520 | 1,450 | 754,000 | 0% | 754,000 |
| 1.08 | Collector roads | m | 2420 | 1,000 | 2,420,000 | 0% | 2,420,000 |
| 1.09 | Roundabouts | ea | 3 | 600,000 | 1,800,000 | 0% | 1,800,000 |
| | Young Road Bylaw | | 1 | 10,000 | 10,000 | | 10,000 |
| | | | | | 23,295,500 | | 23,295,500 |
| 2.00 | STORMWATER | | | | | | |
| 2.01 | Stormwater Pond 1 (Carrs) | LS | 1 | 4,996,000 | 4,996,000 | 0% | 4,996,000 |
| 2.02 | Stormwater Pond 2 (Diagonal) | LS | 1 | 361,000 | 361,000 | 0% | 361,000 |
| 2.03 | Walkways/Boardwalks | m | 1500 | 65 | 97,500 | 0% | 97,500 |
| 2.04 | Stormwater Reticulation | | | | | | |
| | (a) 900 dia | m | 330 | 460 | 151,800 | 0% | 151,800 |
| | (b) 1050 dia | m | 305 | 545 | 166,225 | 0% | 166,225 |
| | (c) 1350 dia | m | 170 | 670 | 113,900 | 0% | 113,900 |
| | (d) 1500 dia | m | 397 | 750 | 297,750 | 0% | 297,750 |
| | (e) 1650 dia | m | 662 | 830 | 549,460 | 0% | 549,460 |
| | (f) 1800 dia | m | 165 | 950 | 156,750 | 0% | 156,750 |
| 2.05 | Roading related Stormwater | | | | | | |
| | Type 3 < 500m | m | 2850 | 330 | 940,500 | 0% | 940,500 |
| 2.06 | Open Channel Drainage | | | | | | |
| 2.06.1 | Type A (4m base width) | m | 470 | 1,040 | 488,800 | 0% | 488,800 |
| 2.06.2 | Type B1 (9m base width, south of TEA) | m | 940 | 1,240 | 1,165,600 | 0% | 1,165,600 |
| 2.06.3 | Type B2 (9m base width north of TEA) | m | 180 | 320 | 57,600 | 0% | 57,600 |
| 2.06.4 | Type C (13m base width) | m | 250 | 1,530 | 382,500 | 0% | 382,500 |
| 2.06.5 | Type D (35m base width, north of TEA) | m | 440 | 740 | 325,600 | 0% | 325,600 |
| 2.07 | Multiple Culverts under TEA | | | | | | |
| | 7 x 1.5m x 1.5m box culverts | m | 595 | 1,000 | 595,000 | 0% | 595,000 |
| | 2 x 1.2m x 1.2m box culverts | m | 170 | 900 | 153,000 | 0% | 153,000 |
| 2.08 | Culverts under internal roads | | | | | | |
| | 2 x 2m dia | m | 170 | 1,250 | 212,500 | 0% | 212,500 |
| 2.09 | Investigation and Preliminary design | LS | 1 | 31,500 | 31,500 | 0% | 31,500 |
| | | | | | 11,242,985 | | 11,242,985 |

Metroplex Rangiuru Financial Contribution Schedule (cont)

| Item | Description | Unit | Quantity | Rate | Amount Total Construction | Percentage of Public/ Network Benefit | Rangiuru Contribution |
|--------------|------------------------------------------------------|------|----------|------------|---------------------------|---------------------------------------|-----------------------|
| 3.00 | SANITARY SEWER | | | | | | |
| 3.01 | Sanitary Sewer Pumping Stations | ea | 3 | 250,000 | 750,000 | 0% | 750,000 |
| 3.02 | Major Pump Station | ea | 1 | 800,000 | 800,000 | 0% | 800,000 |
| 3.03 | Emergency Generator | ea | 1 | 190,000 | 190,000 | 0% | 190,000 |
| 3.04 | Emergency Storage, major pumpstation | ea | 1 | 280,000 | 280,000 | 0% | 280,000 |
| 3.05 | Emergency Storage, minor pumpstation | ea | 3 | 75,000 | 225,000 | 0% | 225,000 |
| 3.06 | Sanitary Sewer Rising Main (400 dia) | m | 5800 | 400 | 2,320,000 | 0% | 2,320,000 |
| 3.07 | Kaituna River Thrust | LS | 1 | 380,000 | 380,000 | 0% | 380,000 |
| 3.08 | Waiari River Thrust | LS | 1 | 170,000 | 170,000 | 0% | 170,000 |
| 3.09 | Internal Trunk Main (225dia) | m | 350 | 145 | 50,750 | 0% | 50,750 |
| 3.10 | Internal Trunk Main (300dia) | m | 760 | 160 | 121,600 | 0% | 121,600 |
| 3.11 | Internal rising mains (150 dia) | m | 910 | 95 | 86,450 | 0% | 86,450 |
| 3.12 | Internal rising mains (200 dia) | m | 430 | 140 | 60,200 | 0% | 60,200 |
| 3.13 | Fencing along rising main route | m | 900 | 16 | 14,400 | 0% | 14,400 |
| 3.14 | Replace trench spoil with on-site sand | LS | 1 | 38,500 | 38,500 | 0% | 38,500 |
| 3.15 | Metal Race on Vercoe property | LM | 930 | 36 | 33,480 | 0% | 33,480 |
| 3.16 | Te Puke STP capacity upgrade | LS | 1 | 8,500,000 | 8,500,000 | 0% | 8,500,000 |
| 3.17 | Investigation and Preliminary design | LS | 1 | 37,400 | 37,400 | 0% | 37,400 |
| | | | | | 14,057,780 | | 14,057,780 |
| 4.00 | WATER RETICULATION | | | | | | |
| 4.01 | Supply and lay 450mm DI/CLMS Gravity Trunk | m | 7850 | 400 | 3,140,000 | 0% | 3,140,000 |
| 4.02 | Supply and lay 225mm uPVC pumped main | m | 9000 | 175 | 1,575,000 | 0% | 1,575,000 |
| 4.03 | Primary Water Supply Bores adjacent to site | ea | 1 | 1,400,000 | 1,400,000 | 0% | 1,400,000 |
| 4.04 | Secondary Water Supply Bores adjacent to site | ea | 0 | 1,000,000 | 0 | 0% | - |
| 4.05 | Temporary Pump Stage 1 | ea | 1 | 300,000 | 300,000 | 0% | 300,000 |
| 4.06 | Primary Water Supply Bores adjacent to Rangiuru Road | ea | 1 | 1,400,000 | 1,400,000 | 0% | 1,400,000 |
| 4.07 | Secondary Water Supply Bores adjacent to Rangiuru | ea | 1 | 1,000,000 | 1,000,000 | 0% | 1,000,000 |
| 4.08 | Treatment Plant adjacent to Rangiuru Road | ea | 1 | 1,500,000 | 1,500,000 | 0% | 1,500,000 |
| 4.09 | Reservoir Rangiuru Road 5500m ³ | ea | 1 | 2,000,000 | 2,000,000 | 30% | 1,400,000 |
| 4.10 | Supply and lay 375mm uPVC | m | 5250 | 350.00 | 1,837,500 | 0% | 1,837,500 |
| 4.11 | Supply and lay 300mm uPVC | m | 3000 | 235.00 | 705,000 | 0% | 705,000 |
| 4.12 | Investigation and Preliminary design | LS | 1 | 47,200.00 | 47,200 | 0% | 47,200 |
| 4.13 | Proof testing of supply bore | LS | 1 | 250,000.00 | 250,000 | 0% | 250,000 |
| | | | | | 15,154,700 | | 14,554,700 |
| 5.00 | RESERVES | | | | | | |
| | LP Reserves and Cycleways | | | | | | |
| 5.01 | Landscaping | ha | 3.96 | 80,000 | 316,800 | 0% | 316,800 |
| 5.02 | Walkways/Cycleways | m | 820 | 65 | 53,300 | 0% | 53,300 |
| 5.03 | Fencing (Timber board and batten) | m | 420 | 65 | 27,300 | 0% | 27,300 |
| 5.04 | Fencing (Post and Wire) | m | 6900 | 15 | 103,500 | 0% | 103,500 |
| 5.05 | Land Purchase | ha | 4.04 | 300,000 | 1,212,000 | 0% | 1,212,000 |
| | | | | | 1,712,900 | | 1,712,900 |
| TOTAL | | | | | 65,463,865 | | 64,863,865 |
| | Development Area (ha) | | 148.60 | | | | |

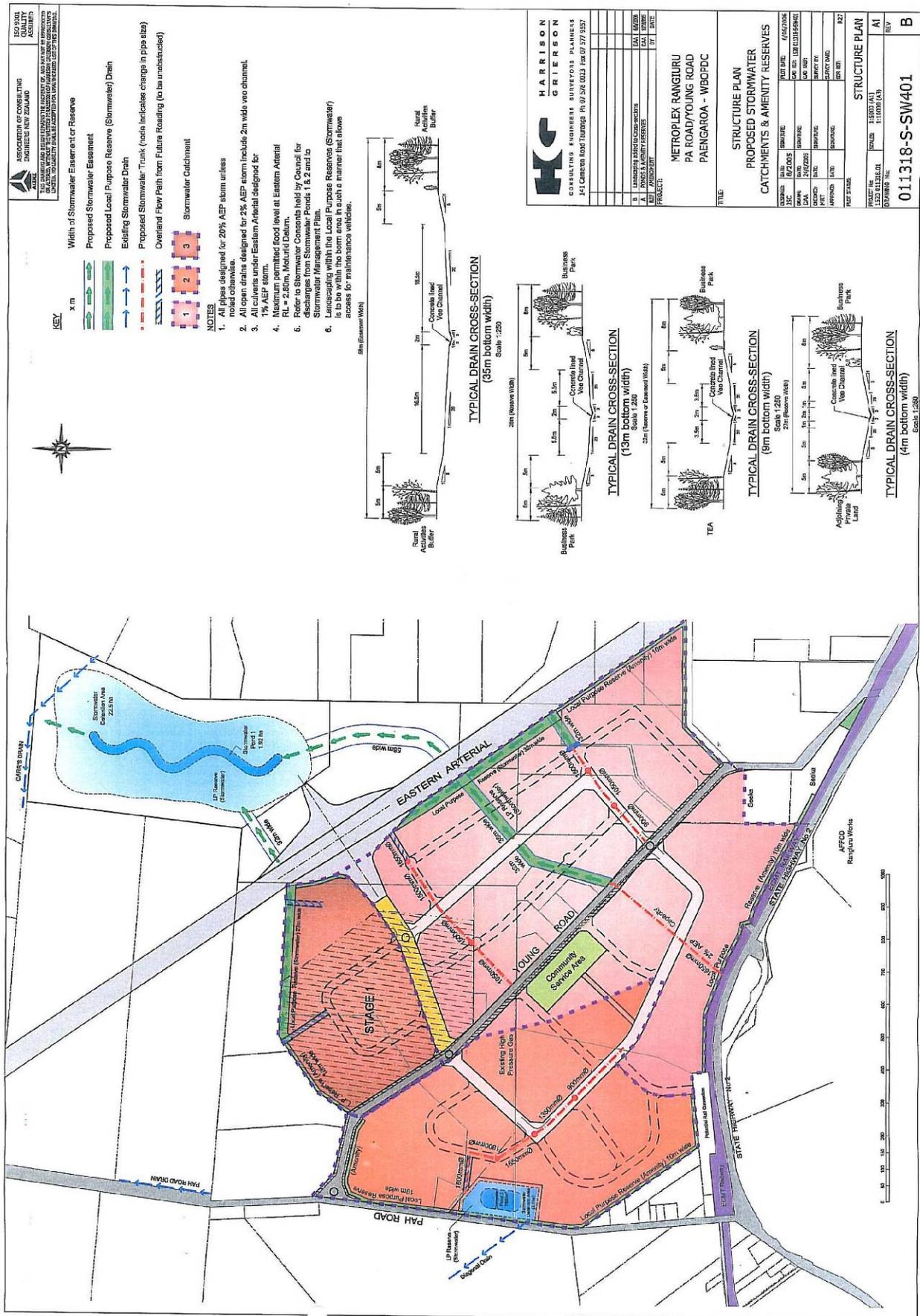
Advice Note

The cost per square meter is based on June 2005 cost

The contributions listed are as at June 2005

For current values refer to Councils current Annual Plan

This table will be updated annually through the LTCCP and Annual Plan Process.



RESPONSE QUALITY ASSESSMENT

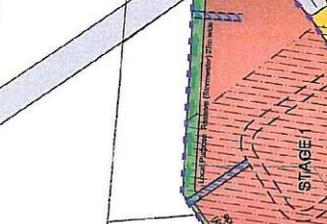
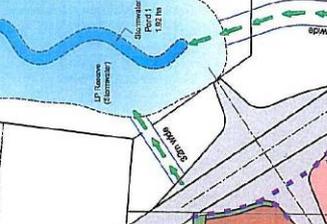
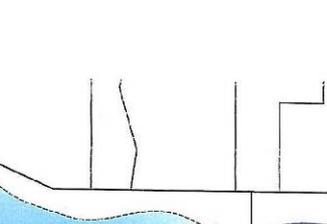
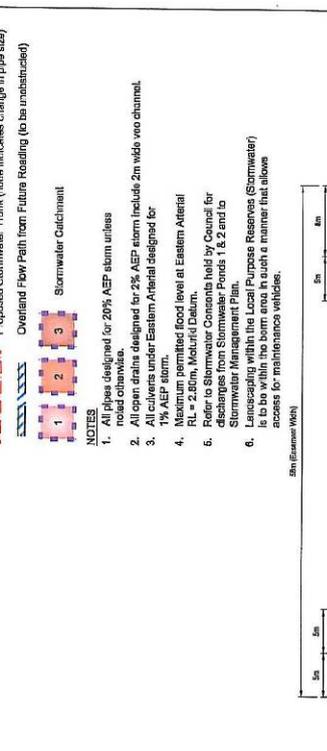
INTEGRITY OF EXISTING ENGINEERING NEW ZEALAND

RESERVE QUALITY ASSESSMENT

ON A LOTS, WITHOUT THE BENEFIT OF A SURVEYOR'S REPORT, OR A SURVEYOR'S REPORT, TO DETERMINE THE INTEGRITY OF EXISTING ENGINEERING WORK, TO DETERMINE THE INTEGRITY OF EXISTING ENGINEERING WORK, TO DETERMINE THE INTEGRITY OF EXISTING ENGINEERING WORK.

- Width of Stormwater Easement or Reserve
- Proposed Stormwater Easement
- Proposed Local Purpose Reserve (Stormwater) Drain
- Existing Stormwater Drain
- Proposed Stormwater 'Trunk' (note indicates change in pipe size)
- Overland Flow Path from Future Road(s) (to be unobstructed)
- Stormwater Catchment

- NOTES
- All pipes designed for 20% AEP storm unless otherwise stated.
 - All pipes designed for 2% AEP storm include 2m wide vvo channel.
 - All culverts under Eastern Arterial designed for 1% AEP storm.
 - Maximum permitted flood level at Eastern Arterial RL = 2.85m, Moturiki Delum.
 - Refer to Stormwater Consents held by Council for discharges from Stormwater Ponds 1 & 2 and to Stormwater Management Plan.
 - Landscape with the Local Purpose Reserves (Stormwater) in a manner that allows for maintenance vehicles.



PROJECT:

METROPLEX RANGIURU
PA ROAD/YOUNG ROAD
PAENGAROA - WBOPDC

STRUCTURE PLAN
PROPOSED STORMWATER
CATCHMENTS & AMENITY RESERVES

DATE: 15/02/2006
DRAWN BY: JAC
CHECKED BY: JAC
APPROVED BY: JAC
SCALE: 1:250

PROJECT:

METROPLEX RANGIURU
PA ROAD/YOUNG ROAD
PAENGAROA - WBOPDC

STRUCTURE PLAN
PROPOSED STORMWATER
CATCHMENTS & AMENITY RESERVES

DATE: 15/02/2006
DRAWN BY: JAC
CHECKED BY: JAC
APPROVED BY: JAC
SCALE: 1:250

PROJECT:

METROPLEX RANGIURU
PA ROAD/YOUNG ROAD
PAENGAROA - WBOPDC

STRUCTURE PLAN
PROPOSED STORMWATER
CATCHMENTS & AMENITY RESERVES

DATE: 15/02/2006
DRAWN BY: JAC
CHECKED BY: JAC
APPROVED BY: JAC
SCALE: 1:250

PROJECT:

METROPLEX RANGIURU
PA ROAD/YOUNG ROAD
PAENGAROA - WBOPDC

STRUCTURE PLAN
PROPOSED STORMWATER
CATCHMENTS & AMENITY RESERVES

DATE: 15/02/2006
DRAWN BY: JAC
CHECKED BY: JAC
APPROVED BY: JAC
SCALE: 1:250

PROJECT:

METROPLEX RANGIURU
PA ROAD/YOUNG ROAD
PAENGAROA - WBOPDC

STRUCTURE PLAN
PROPOSED STORMWATER
CATCHMENTS & AMENITY RESERVES

DATE: 15/02/2006
DRAWN BY: JAC
CHECKED BY: JAC
APPROVED BY: JAC
SCALE: 1:250

PROJECT:

METROPLEX RANGIURU
PA ROAD/YOUNG ROAD
PAENGAROA - WBOPDC

STRUCTURE PLAN
PROPOSED STORMWATER
CATCHMENTS & AMENITY RESERVES

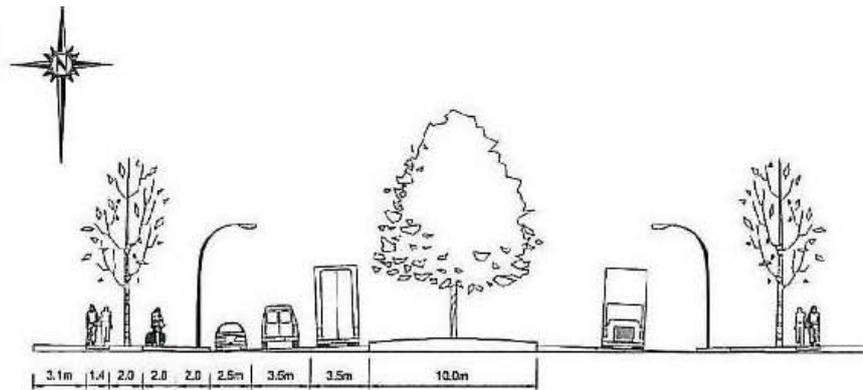
DATE: 15/02/2006
DRAWN BY: JAC
CHECKED BY: JAC
APPROVED BY: JAC
SCALE: 1:250

PROJECT:

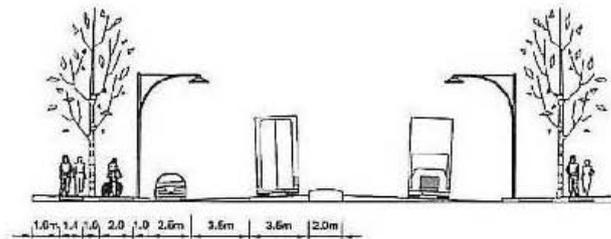
METROPLEX RANGIURU
PA ROAD/YOUNG ROAD
PAENGAROA - WBOPDC

STRUCTURE PLAN
PROPOSED STORMWATER
CATCHMENTS & AMENITY RESERVES

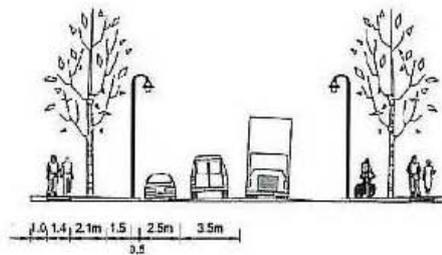
DATE: 15/02/2006
DRAWN BY: JAC
CHECKED BY: JAC
APPROVED BY: JAC
SCALE: 1:250



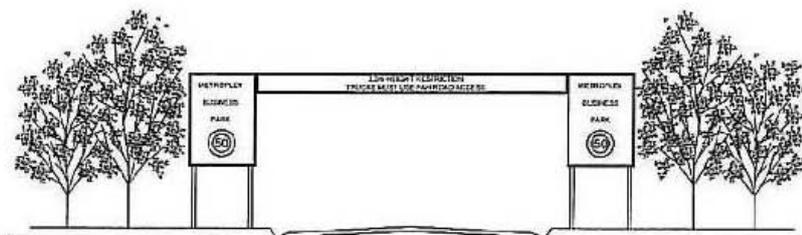
TYPE A
Entrance Road (50m wide)



TYPE B
Collector Road (35m wide)



TYPE C
Local Road (25m wide)



TEMPORARY
'STAGE 1' THRESHOLD FEATURE