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NOTES:
2. 25 MPa fibre reinforced concrete for slip-form.

CONVENTIONAL TRAFFIC ISLAND LAYOUT

SECTION A-A

- Precast mountable kerb type 11, paint kerbs with 2 coats of white reflectorised paint
- Reinstates road surface to match with existing
- Saw cut existing seal and seal joint
- Existing road surface

- 150mm GAP65 as per Auckland Transport's specifications for supply of aggregate
- 150mm TNZ AP40 (Arterial road) or AT AP40 (non-Arterial road)

2. 25 MPa fibre reinforced concrete for slip-form.
1. The existing paved surface (concrete or asphalt) must be coated with approved bonding agent prior to the placing of any mortar bedding or concrete backing material.
2. Surface of island must have a crossfall of 10% or max rise to centre of 150mm.
3. Use radius blocks as required.
4. All sign posts are to be SS-3 type - (Vertiflex Posts).
5. A minimum clearance of 300mm should be achieved between edge of any signs and kerb faces.
6. A minimum clearance of 300mm between kerb face and lane edge line should be achieved.
7. RG 17 signs on traffic islands must be rotated 4-5° away from the driver viewing axis.
8. Width of the island maybe reduced to not less than 1400mm if road width is constrained.
PLANT FOR THE SIDE ISLANDS

Planting bed must be filled with topsoil and planted in accordance with Pedestrians and the Public Realm.

1:10 Tapered Edgeline.

RG-34 Sign 400mmØ on Flexible Post.

100mm wide Reflectoised white solid Centreline.

20MPa Concrete.

1:10 Tapered Edgeline.

RG-34 Sign 400mmØ on Flexible Post.

0.3m Radius.

Existing Kerb.

Planting bed must be filled with topsoil and planted in accordance with Pedestrians and the Public Realm.

2000 Min

1500 Min

3000 Min

300

Width Varies

3000 (minimum)

4200 (cyclists)

Width Varies

300

Variety

0.3m Radius.

Existing Kerb.

Planting bed must be filled with topsoil and planted in accordance with Pedestrians and the Public Realm.

RG-34 Sign 400mmØ on Flexible Post.

2000 Min

1500 Min

3000 Min

300

Width Varies

3000 (minimum)

4200 (cyclists)

Width Varies

300
Planting bed must be filled with topsoil and planted in accordance with Pedestrians and the Public Realm.

RG-34 Sign 400mmØ on Flexible Post.

RG-17 Sign 400mmØ on Flexible Post.

1:10 Tapered Edgeline.

20MPa Concrete.

Existing Kerb.

Flush median marking.

Plan for Side and Central Islands
Low height Plants mortared to road surface. Normal 20MPa Concrete.

Decorative Grade 3 75mm Bark Mulch with Slow release fertiliser for each plant.

RG-34 Sign 400mmØ on Flexible Post.

Existing Road Surface. In-situ concrete haunching (20MPa)

Planting Bed must be filled with Topsoil and planted with suitable plants as shown in Chapter 12:12.5.4.2

Fall

Low planting to be planted by approved landscape contractor of Auckland Transport.

Existing kerb

New kerb blocks

In-situ concrete haunching (20MPa)

Existing channel (width varies)

Existing kerb

Existing grass berm or footpath

Detail Cross Section A-A for Island Planters

Pipe must be perforated with 5mmØ holes and wrapped with Filter sock.

20MPa Concrete Grouting shaped to suit Kerb profile.

NOTE:
1. Pipe placement to suit drainage low points specific to island locality, and to be agreed with the relevant AT engineer prior to placing.
2. Where the planting species requires excavation into the road pavement for additional planting depth, specific pavement drainage design is required for the relevant AT Engineers approval.

Drainage Details - Typical Section of Side Island

Detail Cross Section B-B for Island Planters
NOTES:

1. 25 MPa fibre reinforced concrete for slip-form.
NOTES:

1. 25MPa Concrete with 4Kg/m³ of Brown Oxide no over-run

2. 25 MPa fibre reinforced concrete for slip-form.

3. Splitter islands or pedestrian refuge islands shall be 50mm below finished road surface. Any over-excavation shall be backfilled, compacted and resurfaced to match adjacent surface.

4. Concrete apron to roundabouts. Where roundabout will not be infilled with concrete, a concrete apron 1m wide must be constructed behind the kerb.

5. Where required concrete infill to islands/roundabouts shall be 100mm thick, 20MPa concrete with exposed aggregate.