

## **Appendix 11**

# **Services Plan and Molesworth Drive Roading Upgrade Plans / Wastewater**

## Kylie McLaughlin-Brown

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**From:** Robin Johnson <RJohnson@TRILITY.com.au>  
**Sent:** Thursday, 17 December 2015 2:41 p.m.  
**To:** Kylie McLaughlin-Brown  
**Cc:** Terry Roche; Simon Smith  
**Subject:** RE: capacity confirmation

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Kylie

I can confirm that there are sewer mains on both the Molesworth Drive and Estuary Drive boundaries of the site. There are no connection stubs shown on the plans but connections can be made to either line as appropriate.

It is outside our scope to comment on trade waste discharges other than to draw your attention to the provisions in KDC bylaws.

Robin

Robin Johnson  
Technical Support



leading the way in water utility solutions

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From: Kylie McLaughlin-Brown <kylie@dream-inc.co.nz>  
To: Mangawhai Waste Water Treatment Plant <wwtp.mangawhai@pentair.com>  
Date: 15/12/2015 12:45 PM  
Subject: RE: capacity confirmation

Hi Robyn,

Further to the below email correspondence and phone conversation, to re-cap we have submitted a private plan change to



CORNER OF MOLESWORTH DRIVE AND ESTUARY DRIVE, MANGAWHAI HEADS

### SERVICE PLAN

LOT 1 DP 341981 MOLESWORTH DRIVE  
CLIENT : NORTH CITY DEVELOPMENTS

#### KEY

- Subject Site boundaries
- Surrounding Site boundaries

#### WASTEWATER

- Inspection Shaft / Manhole
- Pump Station
- Valve
- Storage Tank
- Rising Main
- Boundary Kit
- Flush Point / Outlet
- Service

#### STORMWATER

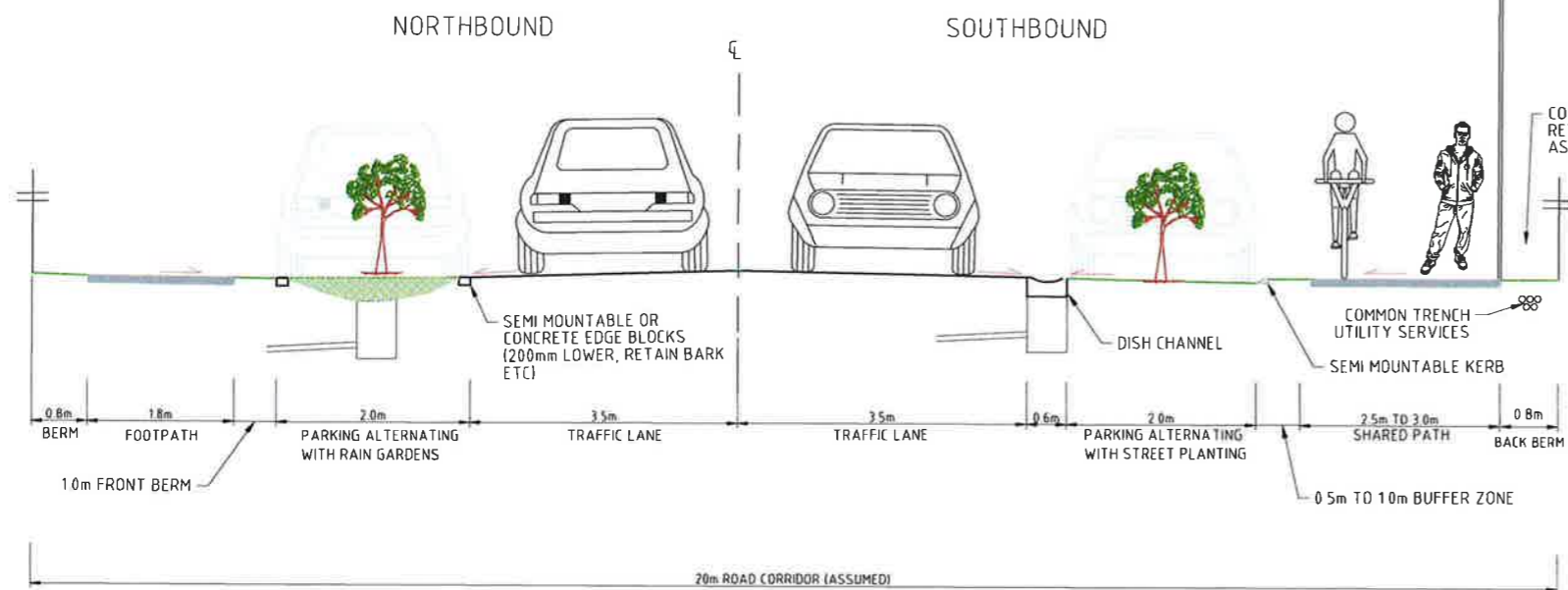
- Gravily Main
- Man Hole
- Dummy Node
- Catch Pit



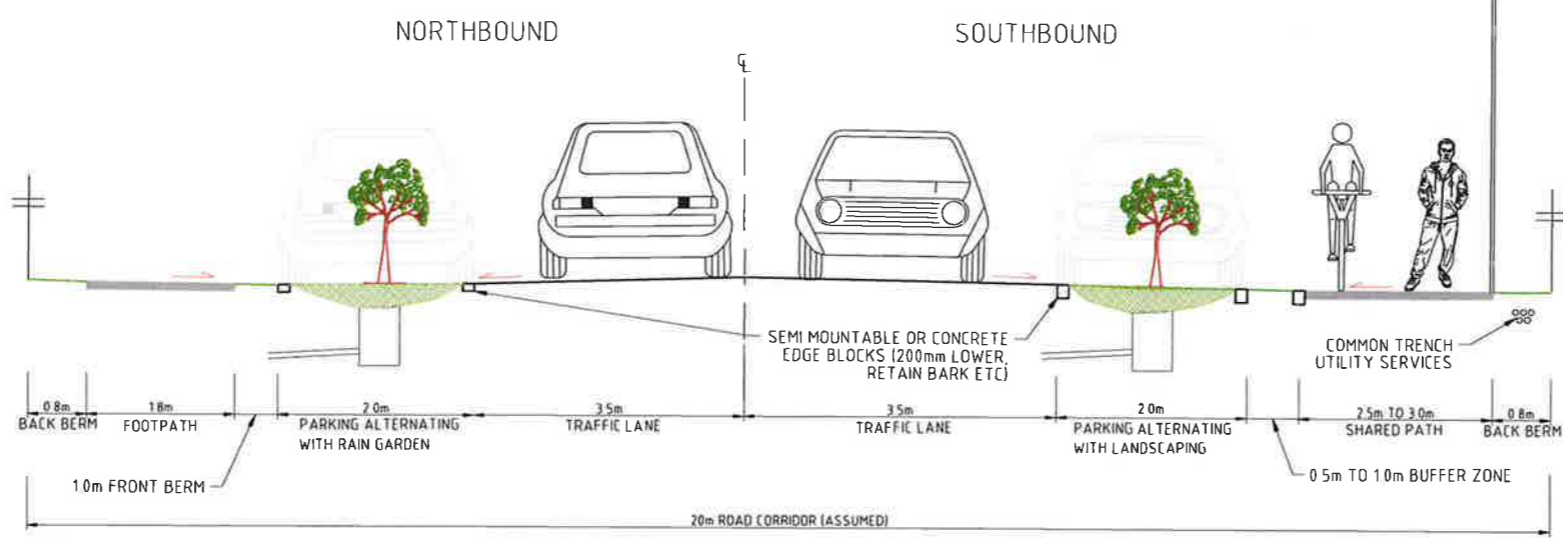
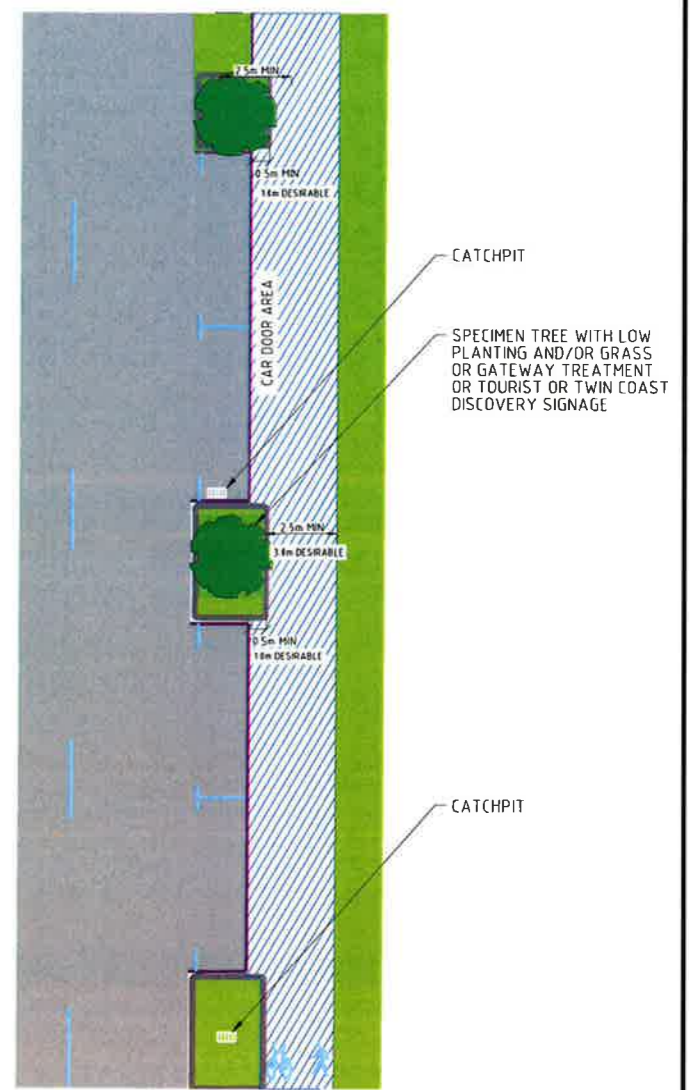
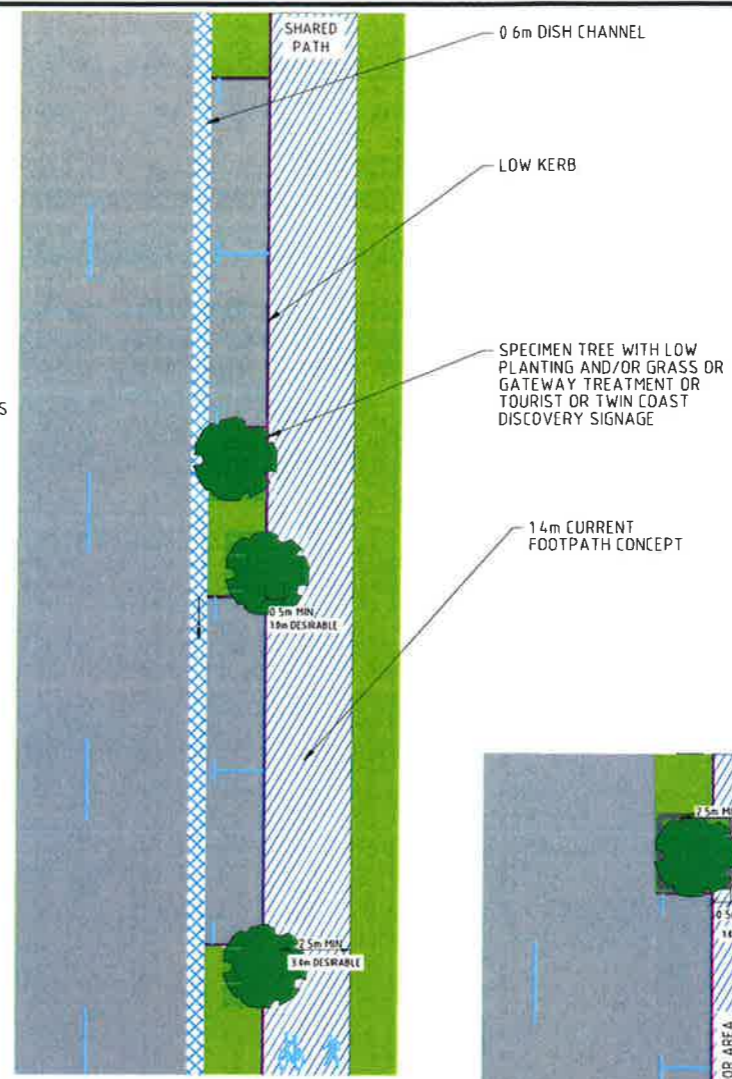
<b>01</b>	SCALE 1:1000 @ A3
SHEET	<i>Note that all measurements are in metres unless shown</i>
DESIGN	DREAM PLANNING
DRAWN	BY EE 13 / 10 / 15
JOB #	VA
VERSION	PPC 14001
<b>DREAM PLANNING</b>	
PO BOX 123 MANGAWHAI PH (09) 431 4568 EMAIL admin@dream-inc.co.nz WEB www.dreaminc.co.nz	
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DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1



TYPICAL CROSS SECTION - COMMERCIAL AREA  
SCALE NTS



TYPICAL CROSS SECTION - NEW  
SCALE NTS

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	BY	CHK	APP

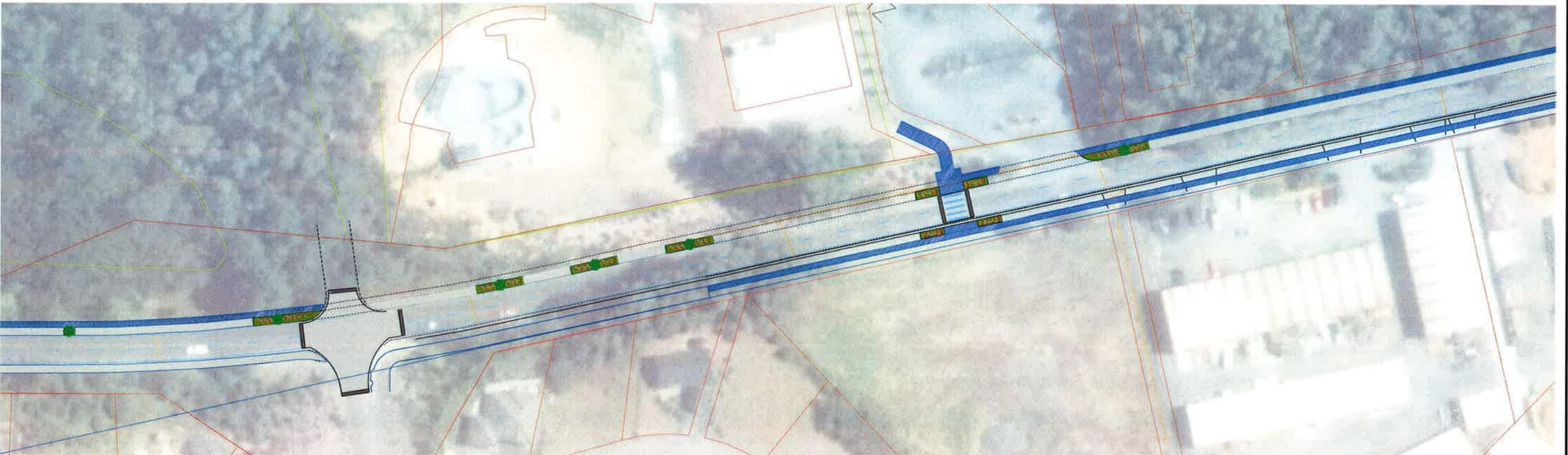
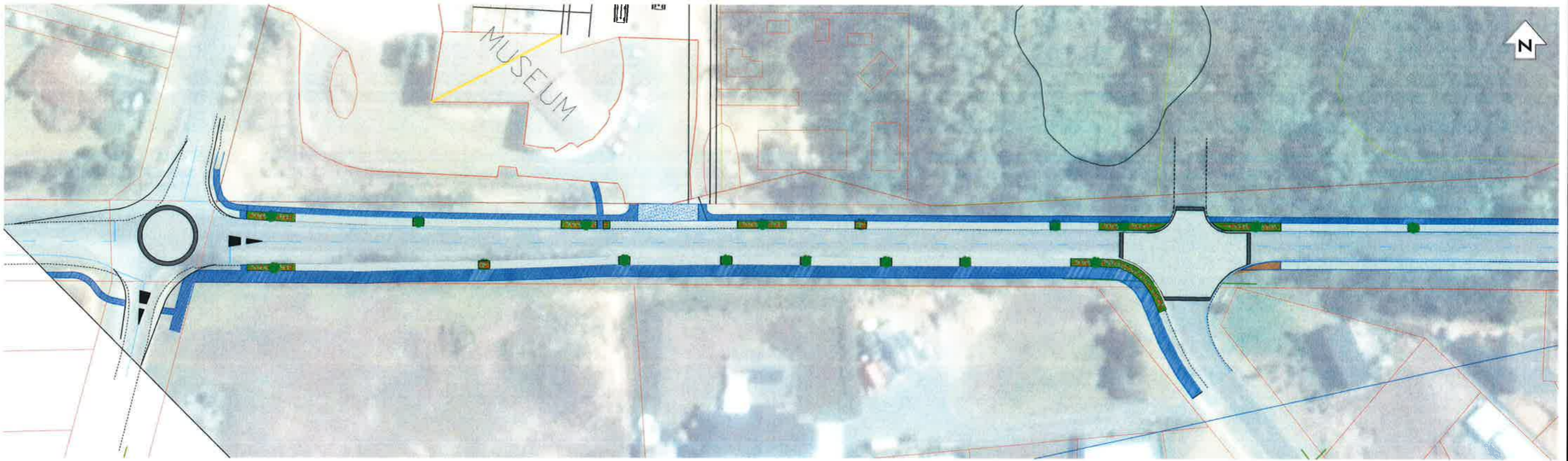
SURVEYED	20/2/2014
DRAWN	20/2/2014
DRAWING CHECK	NOT REVIEWED
DESIGNED	20/2/2014
DESIGN CHECK	20/2/2014
DESIGN REVIEW	20/2/2014
APPROVED	20/2/2014

Internal Revision
1
2
2



KAIPARA DISTRICT COUNCIL  
MANGAWHAI COMMUNITY PARK  
CIVIL INFRASTRUCTURE MASTER PLAN  
MOLESWORTH DRIVE CONCEPT

SCHEME PLAN	
Contract Number	Z1950100-0100 (MWH) SO-000 (AT)
Scale	GA/M NZTM
Drawn By	G20
Rev	A



DO NOT SCALE - FIN COURTESY ASK



ORIGINAL SIZE A1



REV	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	20/2/2014
DRAWN	-	20/2/2014
DRAWING CHECK	NOT REVIEWED	-
DESIGNED	-	20/2/2014
DESIGN CHECK	-	20/2/2014
DESIGN REVIEW	-	20/2/2014
APPROVED	-	20/2/2014

Internal Revision

1	
2	
2	

2



KAIPARA DISTRICT COUNCIL  
MANGAWHAI COMMUNITY PARK

CIVIL INFRASTRUCTURE MASTER PLAN  
SHEET 1 OF 2

NOT FOR CONSTRUCTION	
Status Stamp	SCHEME PLAN
Date of Imp	
Contract Number	Z1950100-0100 (MWH) SO-000 (AT)
Scale	NZTM
Drawn by	G20
Checked by	A



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ORIGINAL SIZE A1



NOT FOR CONSTRUCTION

REV	REVISIONS	DATE	APP	CHK	DWG

SURVEYED	-	20/2/2014
DRAWN	-	20/2/2014
DRAWING CHECK	-	20/2/2014
DRAWINGS REVIEW	NOT REVIEWED	-
DESIGNED	-	20/2/2014
DESIGN CHECK	-	20/2/2014
DESIGN REVIEW	-	20/2/2014
APPROVED	-	20/2/2014

Internal Revision

1	
2	
2	

**2**



KAIPARA DISTRICT COUNCIL  
MANGAWHAI COMMUNITY PARK  
CIVIL INFRASTRUCTURE MASTER PLAN  
SHEET 2 OF 2

Site Stamp	<b>SCHEME PLAN</b>
Line Stamp	
Document Number	Z1950100-0100 (MWH) SD-000 (AT)
Drawn By	NZTM
Drawn No	G20
Scale	A