



A 17/08/12 CONSENT ISSUE ISSUE DATE

AMENDMENT

DES. CHECKED JS 08/12
DRAWN AP 0 SITE LAYOUT AND DESIGNS INDICATIVE ONLY AND SUBJECT TO CHANGE DURING DETAILED DESIGN DEVELOPMENT OPERATIONS DWG. CHECKED NL 08/12 ASSET MANAGER AEE AUGUST 2012

REV'D P.MGR

APP'D P.DIR

BY APPD.

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CENTRAL INTERCEPTOR **GENERAL** WHITNEY STREET (L3S3) - PERMANENT WORKS PLAN

CAD FILE AEE-MAIN-17.1	DATE 26-Jul-12
ORIGINAL SCALE A1	CONTRACT No.
1:1000 A3	0538
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AEE-MAIN-17.1



SITE LAYOUT AND DESIGNS INDICATIVE ONLY AND SUBJECT TO CHANGE DURING DETAILED DESIGN DEVELOPMENT

AEE AUGUST 2012

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CENTRAL INTERCEPTOR

GENERAL

WHITNEY STREET (L3S3) - CONSTRUCTION WORKS PLAN

CAD FILE AEE-MAIN-17.2	DATE 26-Jul-12
ORIGINAL SCALE A1	CONTRACT No.
1:1000 A3	0538
DRAWING No	. ISSUE
AEE-MAIN-	17.2 A





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60m Scale: 1:2000 @ A3

Data Sources: Site LIDAR (Nov. 2010), Aerials (2012) - AECOM Auckland Council aerials (2010), BML Projection: NZTM



CENTRAL INTERCEPTOR AND ASSOCIATED WORKS Whitney Street (L3S3) Location and Context - Plan Date: 05 July 2013 | Revision: D

Graphic prepared for Watercare Services Ltd by Boffa Miskell Limited $Author: {\bf bernie.ranum@boffamiskell.co.nz} \ | \ {\it Checked: J.Goodwin}$



View from Whitney Street looking North towards site





View from Whitney Street looking South towards site



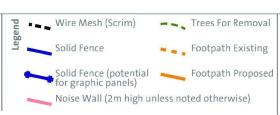


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Projection: NZTM

30m Scale: 1:1000 @ A3 Data Sources: Site LIDAR (Nov. 2010), Aerials (2012) - AECOM Auckland Council aerials (2010), BML



Note: Site layout indicative only. Final layout dependant on Construction Management Plan

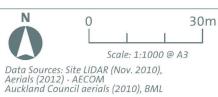
CENTRAL INTERCEPTOR AND ASSOCIATED WORKS Whitney Street (L3S3) Construction Site and Works Date: 05 July 2013 | Revision: D

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Projection: NZTM



Large Trees / Lawn

Small Trees / Shrubs
/ Lawn

Wetland Plants

Low Level Ground
Cover / Grasses

Existing Footpath

Potential New
Accessway

Aggregate surface
treatment

CENTRAL INTERCEPTOR AND ASSOCIATED WORKS
Whitney Street (L3S3)
Permanent Works Concept
| Date: 05 July 2013 | Revision: D |

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Figure 80

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Watercare Central Interceptor
Whitney Street (L3S3) - Truck Tracking

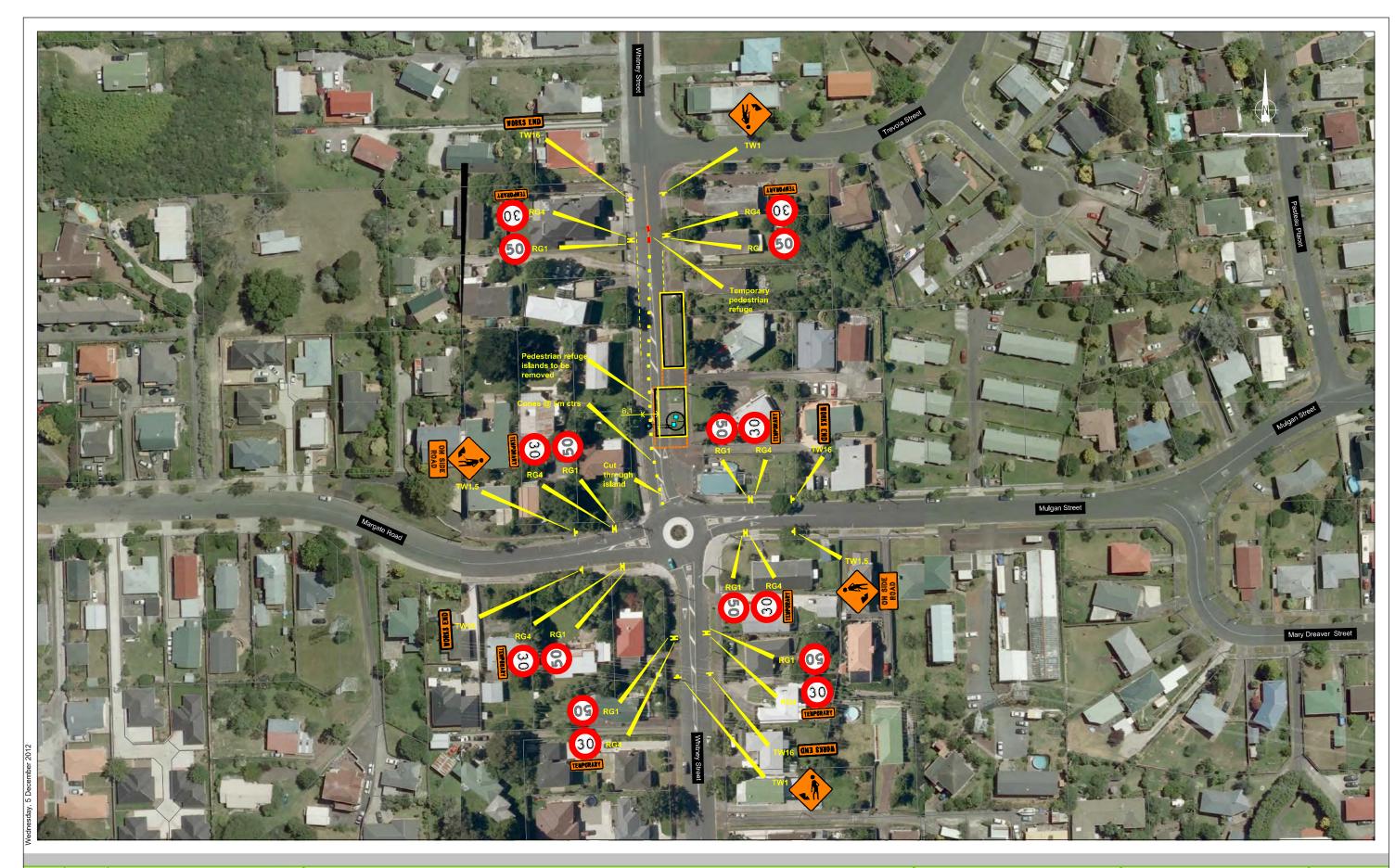


DRAWN: SP
DATE: 05.12.2012
SCALE: 1:500@A3
DWG NO:11117A57A



33.v2

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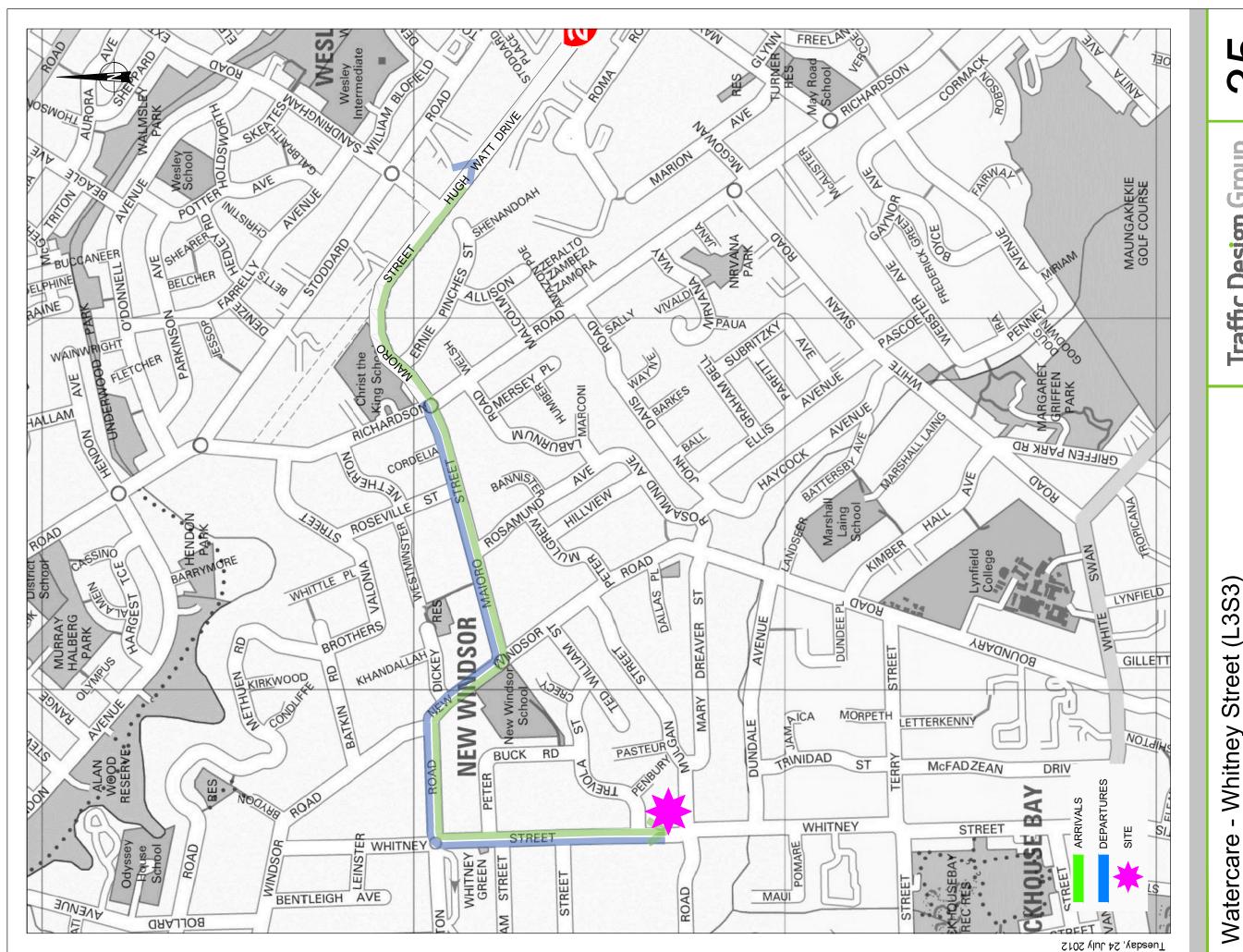
Watercare Central Interceptor CTMP Whitney Street (L3S3)



DRAWN: SP DATE: 05.12.2012 SCALE: 1:1250@A3 DWG NO:11117A58A



34.v2



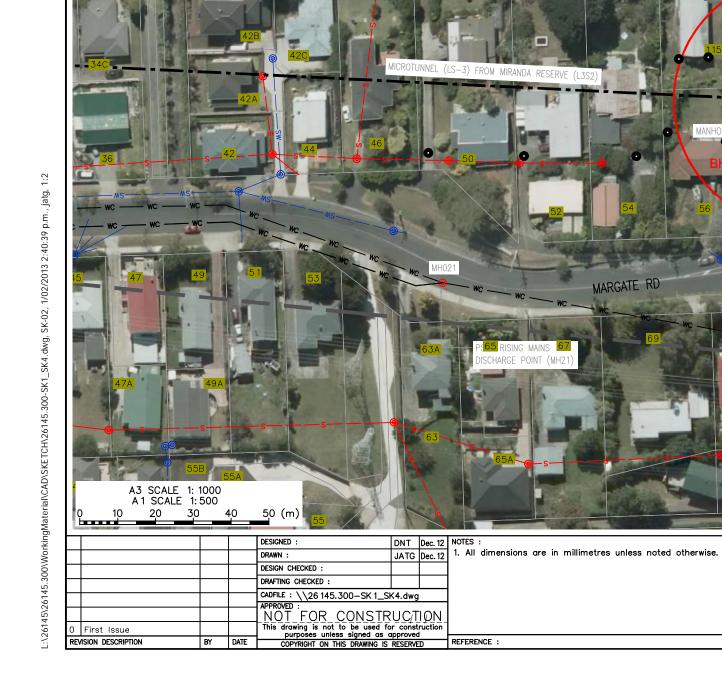
Street Whitney Watercare Truck

Routes

Group Design Traffic

5 SCALE: 3

213



LEGEND

Groundwater Monitoring Bore Survey Monitoring Pin 30m Zone of interest around proposed shaft

Location of recharge wells



Tonkin & Taylor

Environmental and Engineering Consultants

105 Carlton Gore Road, Newmarket, Auckland Tel. (09) 355 6000 Fax. (09) 307 0265 www.tonkin.co.nz

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CENTRAL INTERCEPTOR

Whitney Street — L3S3 scales (AT AT SIZE) AS SHOWN

DWG. No. 26 145.300—SK2

MULGAN ST

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