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PRELIMINARY EARTHWORKS VOLUME

Total Cut = 4,500 cubic metres.
Total Fill = 2,500 cubic metres.
Dispose = 2,000 cubic metres.

169-187 Teviot Rd, Greenbank

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DESIGNED YW DRAWN YW CHECKED YW

APPROVED

FOR AND ON BEHALF OF CIVIL DIMENSIONS PTY LTD.

Rev	Amendment Details	Date
A	Preliminary Issue for DA	02/08/19
B	Amended to response EDQ RFI dated 29/9/19	06/11/19
C	Amended to response EDQ RFI dated 13/12/19	07/02/20

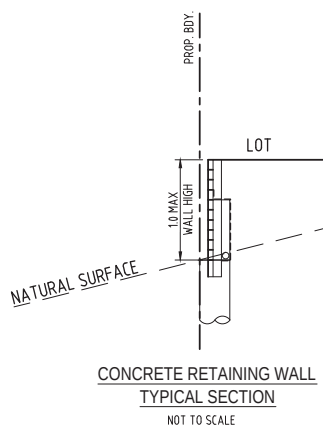
DRAWING TITLE

**Concept
Bulk Earthworks
Plan**

PROJECT NUMBER
CD18-012 DA01 C

**PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL**

Approval no: DEV2019/1059
Date: 27 April 2020



LEGEND

Existing	Proposed
--- 35.0 ---	--- 35.0 --- Surface Contours
--- Kerbing (Nominal)	--- Kerbing (Nominal)
--- Edge of Bitumen	--- Edge of Bitumen
--- WALL HEIGHT ---	--- WALL HEIGHT ---
	Concrete Retaining Wall
	Area of Earthworks Cut
	Area of Earthworks Fill
X RL 99.9	Design Surface Level
	Road Crest
	Road Sag



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Rev	Amendment Details	Date
A	Preliminary Issue for DA	02/08/19
B	Amended to response EDQ RFI dated 29/8/19	06/11/19
C	Lots 15-27 Sewer Alignment Amended	07/02/20

DRAWING TITLE

**Concept
Services Layout
Plan**

PROJECT NUMBER
CD18-012 DA02 C

30
SP24674.3

POTENTIAL FUTURE ROAD
EXTENSION

EXISTING CULVERTS TO BE
RETAINED & EXTENDED IF
REQUIRED

CHANNELISED RIGHT-TURN
TREATMENT (CHRS)

3.0m
DRAINAGE EASEMENT

ROAD 1
PROPOSED Ø150 WATER MAIN

WATER CONNECTION
POINT WITH PRESSURE
REDUCING VALVE

1.0m SEWER
EASEMENT

SHORT AUXILIARY LEFT-TURN
TREATMENT (AULS)

CONNECT TO FUTURE TRUNK SEWER MAIN.
REFER TO DRAWING DA09 FOR OVERALL
SEWER LAYOUT PLAN FOR DETAILS

FUTURE ROAD

FUTURE ROAD

INDICATIVE SEWER LINE (FINAL
ALIGNMENT TO BE CONFIRMED)

INDICATIVE UNDERGROUND
STORMWATER LINE (FINAL
LOCATION TO BE CONFIRMED)

LEGEND

- Development Boundary
- Proposed Kerbing (Nominal)
- Proposed Roadwater Drainage
- Proposed Sewer - Gravity
- Proposed Stormwater Drainage
- Proposed Water Main
- Existing Water Main
- Existing Gas Main
- Existing Overhead Electrical
- Proposed Road Sag
- Proposed Road Crest
- Proposed Retaining Wall

**PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL**

Approval no: **DEV2019/1059**

Date: **27 April 2020**



PLANS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS APPROVED, SIGNED AND STAMPED "FOR CONSTRUCTION"



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PROJECT NAME

169-187
Teviot Rd,
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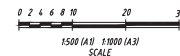
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Rev	Amendment Details	Date
A	Preliminary Issue for DA	02/08/19
B	Amended to response EDQ RFI dated 29/8/19	06/11/19
C	Future Road 2 Extension Added	07/02/20

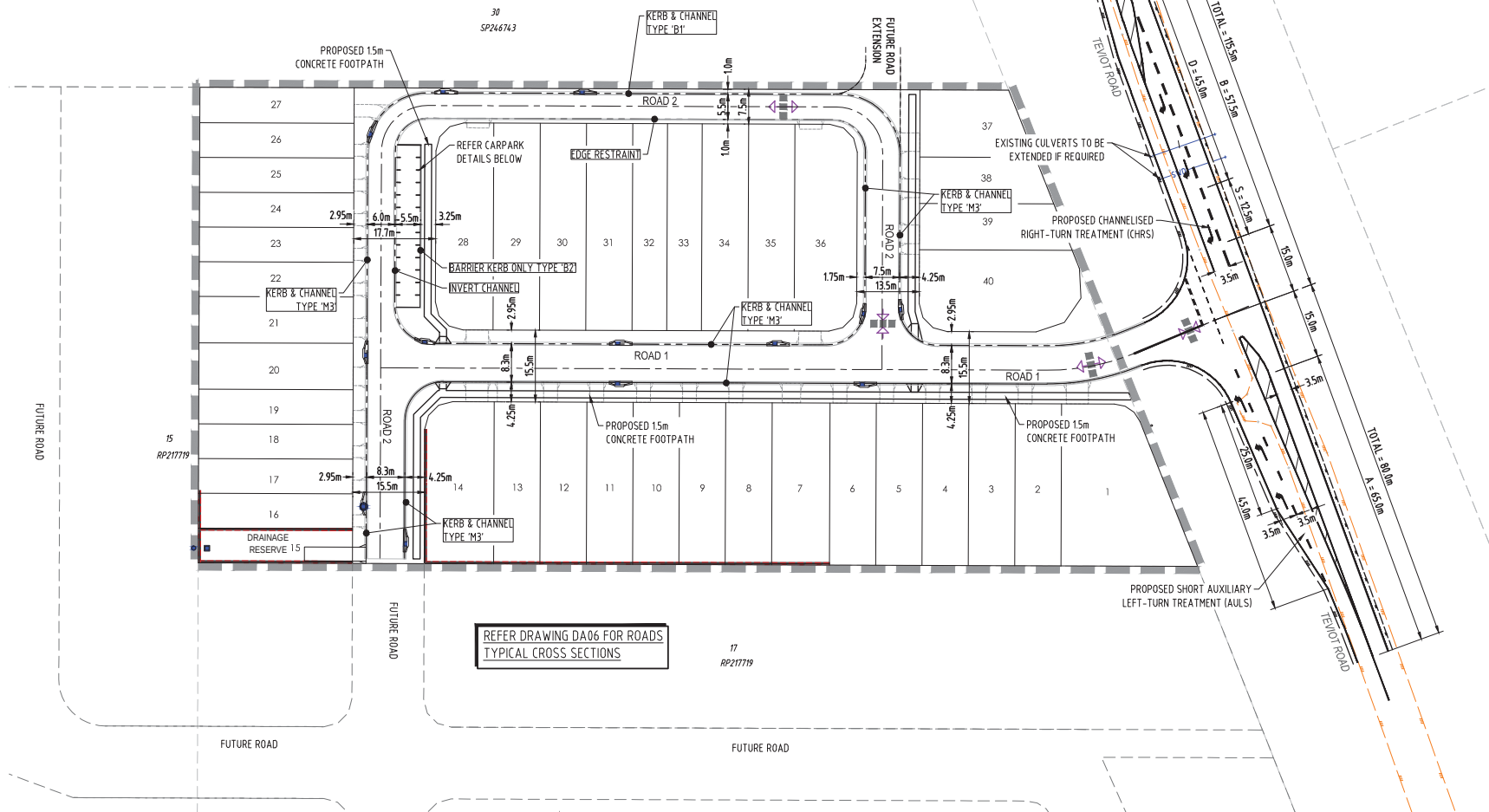
DRAWING TITLE

Concept
Roadworks Layout
Plan

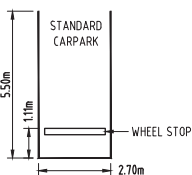
PROJECT NUMBER

CD18-012 DA03 C

P:\CD18-012 Teviot Rd (167) Greenbank\Assets\CD18-012-DA03-Concept Roadworks Layout Plan.dwg, 7/02/2020 8:44:03 AM



REFER DRAWING DA06 FOR ROADS
TYPICAL CROSS SECTIONS



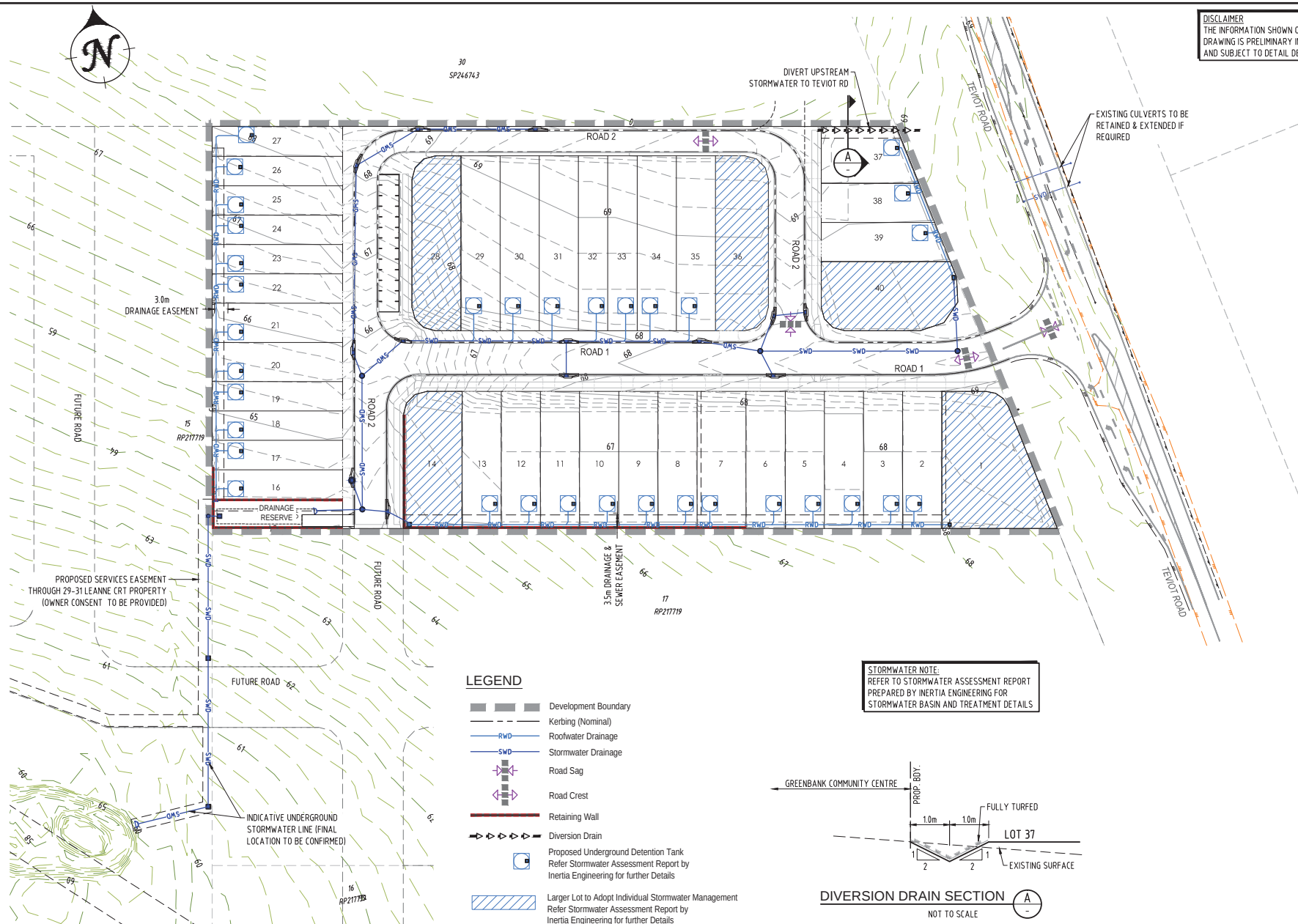
CARPARK DETAIL
SCALE 1:100

NOTE:
LINE MARKING TO BE 100mm WIDE AND IN ACCORDANCE WITH AS1742 & AS2890

LEGEND

Existing	Proposed	
---	---	Road Centerline
---	---	Kerbing (Nominal)
---	---	Edge of Bitumen
---	---	Development Boundary
---	---	Road Sag
---	---	Road Crest

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DRAWN: YW
CHECKED: YW

APPROVED: YW

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Rev	Amendment Details	Date
A	Preliminary Issue for DA	02/08/19
B	Amended to response EDQ RFI dated 29/8/19	06/11/19
C	Amended to response EDQ RFI dated 13/12/19	07/02/20

DRAWING TITLE

Concept Stormwater Layout Plan

PROJECT NUMBER

CD18-012

DA04

C

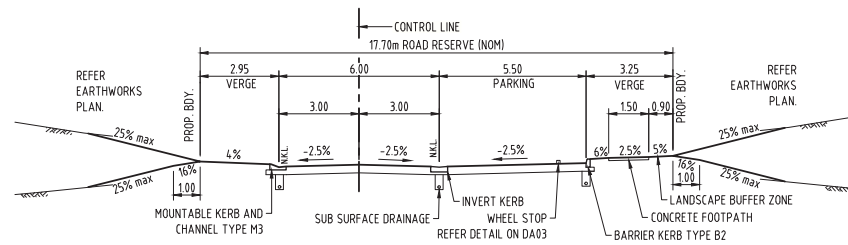
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**PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL**

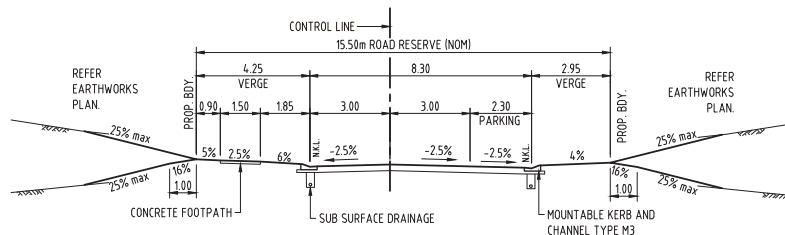
Approval no: DEV2019/1059

Date: 27 April 2020

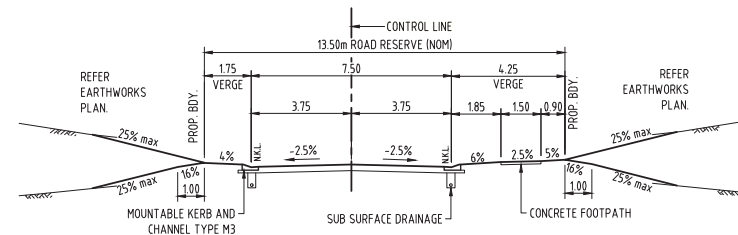




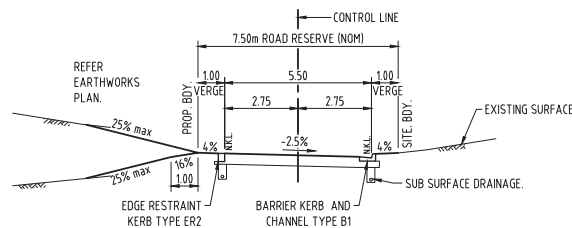
17.7m Road Reserve



15.5m Road Reserve



13.5m Road Reserve



7.5m Laneway

PLANS AND DOCUMENTS
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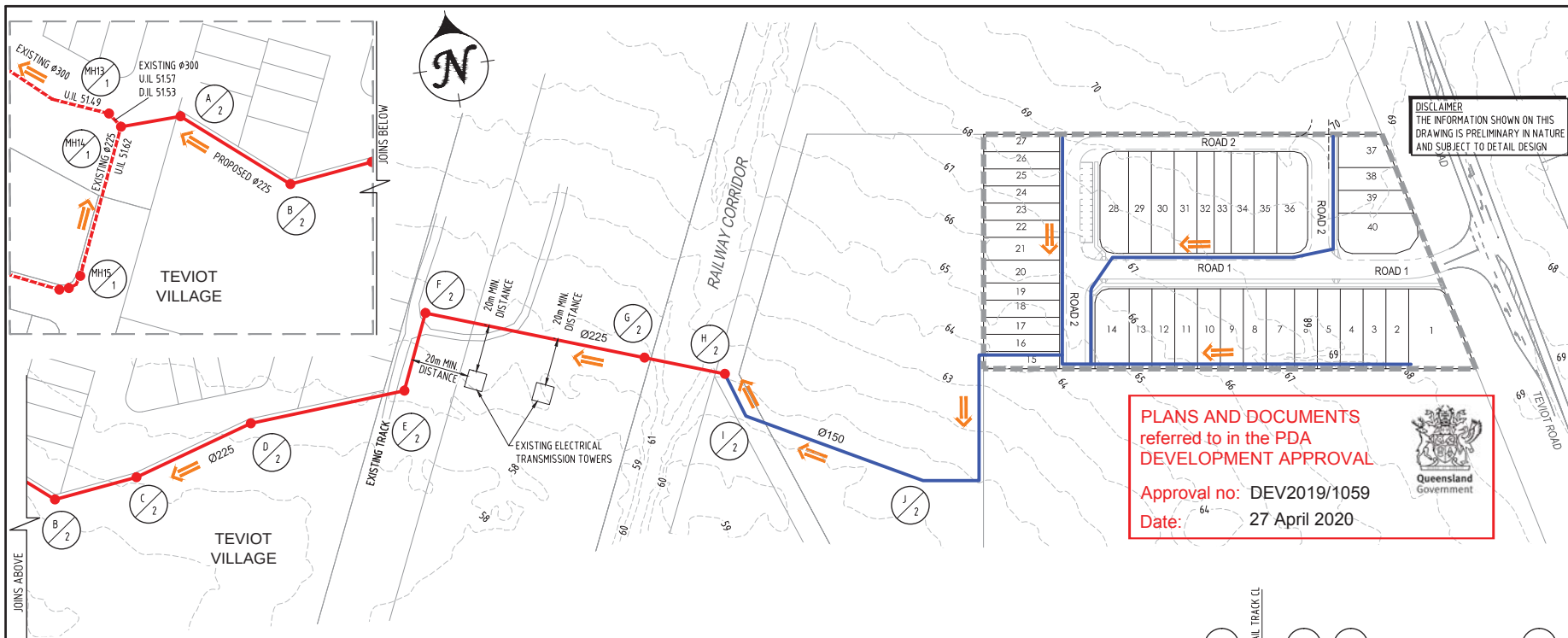
Date: 27 April 2020



NOTES:

1. KERB PROFILES ARE TO BE IN ACCORDANCE WITH IPWEA STANDARD DRAWING RS-080.
2. SUB SURFACE DRAINAGE SHALL BE UNDER ALL KERB AND CHANNEL LOCATIONS UNLESS DIRECTED OTHERWISE. REFER IPWEA STANDARD DRAWING RS-14.0, RS-14.2.
3. CONCRETE FOOTPATHS ARE TO BE IN ACCORDANCE WITH IPWEA STANDARD DRAWING RS-065.
4. DIMENSIONS SHOWN ARE NOMINAL FOR STANDARD SECTIONS. REFER ALSO PROJECT SECTIONS & DETAIL PLANS FOR VARIATIONS.

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APPROVED		
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Rev	Amendment Details	Date
A	Preliminary Issue for DA	06/11/19
DRAWING TITLE		
Road Typical Cross Sections		
PROJECT NUMBER	DRG	REV
CD18-012	DA06	A



LEGEND

- 5.0 — Existing Surface Contours (1m Interval)
- - - Existing Sewer Main (Taken from Teviot Village Ascon Plan)
- Ø225 Sewer Trunk Main (Offset Works)
- Ø150 Sewer Main
- ⇒ Flow Direction
- - - Proposed Site Boundary

SEWER MAIN SIZING NOTE
PROPOSED SEWER MAIN SIZES SHOWN ARE PRELIMINARY ONLY AND SUBJECT TO FINAL DEVELOPMENT LAYOUT AND DETAILED DESIGN

DIAMETER
GRADE

DATUM R.L.

DEPTH TO INVERT	INVERT LEVEL	DESIGN SURFACE LEVEL	EXISTING SURFACE LEVEL	CHAINAGE
4.200	51.623	56.340	56.340	0.000
3.999	51.887	55.886	55.886	26.403
3.777	52.473	56.250	56.250	56.630
3.757	52.493	57.100	57.100	83.033
4.237	52.863	57.100	57.100	37.014
4.217	52.883	58.300	58.300	120.047
4.863	53.437	59.168	59.168	55.419
4.843	53.457	60.300	60.300	175.466
5.025	54.145	60.938	60.938	68.812
5.005	54.165	61.139	61.139	244.279
5.782	54.518	60.306	60.306	35.210
5.762	54.538	60.306	60.306	279.489
5.419	55.517	60.306	60.306	97.902
5.399	55.537	60.306	60.306	377.390
4.946	56.194	60.306	60.306	35.999
4.846	56.294	60.306	60.306	412.389
3.847	56.459	60.306	60.306	412.0586
3.747	56.559	60.306	60.306	432.975
3.285	57.220	60.504	60.504	82.582

169-187
Teviot Rd,
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CHECKED YW

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Rev	Amendment Details	Date
A	Preliminary issue for DA	07/02/20

DRAWING TITLE
Concept Sewer Layout Plan

PROJECT NUMBER
CD18-012 DA09 A



**PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL**

Approval no: DEV2019/1059

Date: 27 April 2020

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LEGEND

- Existing Ø300 Water Main
- Proposed Ø200 Water Main
- Proposed Ø150 Water Main
- Proposed Ø100 Water Main
- Proposed Site Boundary
- Proposed Allotments

WATER MAIN SIZING NOTE
PROPOSED WATER MAIN SIZES SHOWN
ARE PRELIMINARY ONLY AND SUBJECT
TO FINAL DEVELOPMENT LAYOUT AND
DETAILED HYDRAULIC ANALYSIS

PROPOSED WATER CONNECTION
TO EXISTING Ø300 IN TEVIOT RD

INDICATIVE Ø200 WATER CONNECTION
TO MIRVAC DEVELOPMENT

PROJECT NAME

169-187 Teviot Rd, Greenbank

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Rev	Amendment Details	Date
A	Preliminary issue for DA	02/09/19
B	Leanne Crt Intersection Water Connection Details	06/11/19
	Amended per EDQ Advised (Email dated 12/9/19)	
C	Amended to response EDQ RFI dated 13/12/19	22/01/20

DRAWING TITLE

Overall Structure Plan Concept Water Supply Network Layout Plan

PROJECT NUMBER	DWG	REV
CD18-012	DA12	C