



- LEGEND**
- PROPOSED SERVICES**
- EXTENT OF EARTHWORKS
 - EX CONTOUR - MAJOR
 - EX CONTOUR - MINOR
 - - - CATCHMENT BOUNDARY
 - EARTH BUND & CHANNEL
 - SF SUPER SILT FENCE
 - CW CLEAN WATER DIVERSION
 - EXISTING WASTEWATER
 - EXISTING STORMWATER
 - EXISTING WASTEWATER MH
 - EXISTING STORMWATER MH
 - STABILISED SITE ACCESS
 - EARTH BUND DECANT
- EARTHWORKS METHODOLOGY**
1. INSTALL SEDIMENT CONTROL MEASURES AS SHOWN.
 2. EARTHWORKS.
 3. STABILIZE ON COMPLETION.
 4. REMOVE SEDIMENT CONTROL MEASURES.

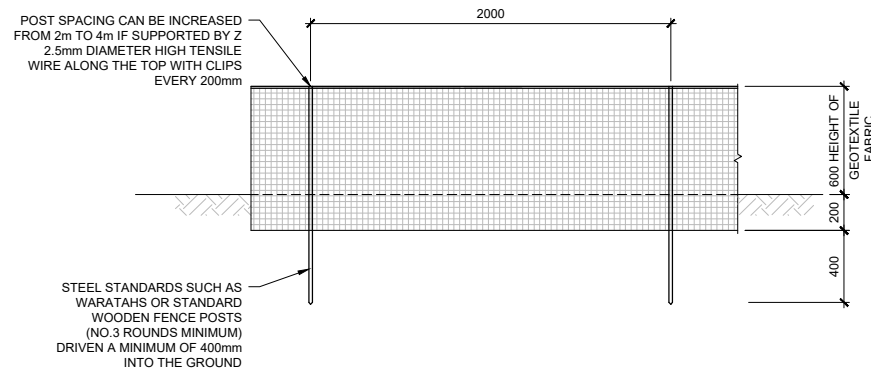
TABLE 4 - CONTOUR SPACING

SLOPE OF SITE %	SPACING (m) OF CONTOUR DRAINS
LESS THAN 5%	50.0
5 - 10 %	40.0
10 - 15%	30.0
15 - 30%	20.0

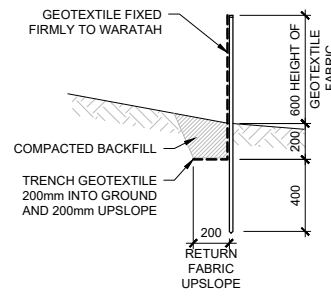
**FOR RESOURCE CONSENT
NOT FOR CONSTRUCTION**

<p>1 LAYOUT UPDATED RT 23.08.23</p> <p>0 FOR RESOURCE CONSENT RT 21.04.22</p> <p>Revision App Date Approved RT Dec-21</p>	<p>Surveyed SW Dec-21</p> <p>Designed YW/KD Dec-21</p> <p>Drawn RD Dec-21</p> <p>Reviewed RT Dec-21</p> <p>Approved RT Dec-21</p>	<p>Client FOODSTUFFS NORTH ISLAND LTD</p>	<p>Project Title NEW WORLD KHANDALLAH CAR PARK EXPANSION</p>	<p>Sheet Title EROSION AND SEDIMENT CONTROL PLAN</p>	<p>Level 5, Building 3 666 Great South Road Eilerslie Auckland 1051 +64 9 525 9770 calibregroup.com</p>		<p>Scale (A1 Original) 1:150 (A3) 1:300</p> <p>Project No 712722 Sheet C170 Revision 1</p>
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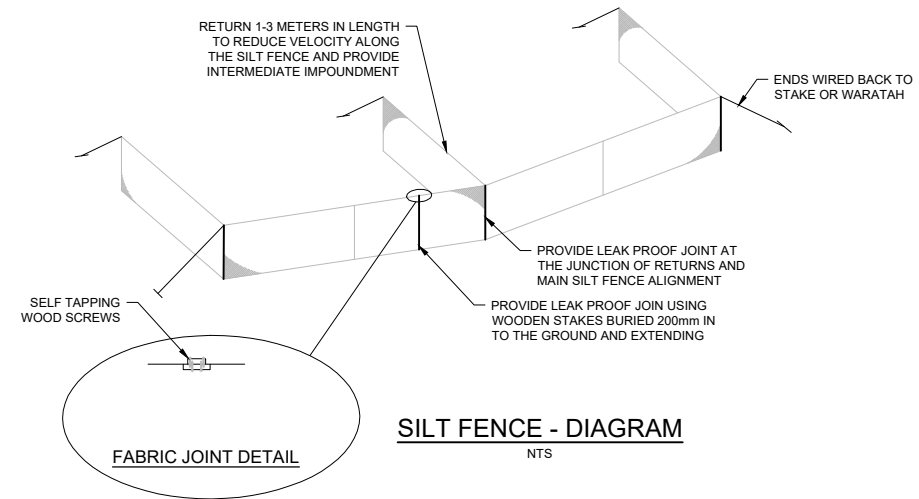
ELEVATION



SECTION

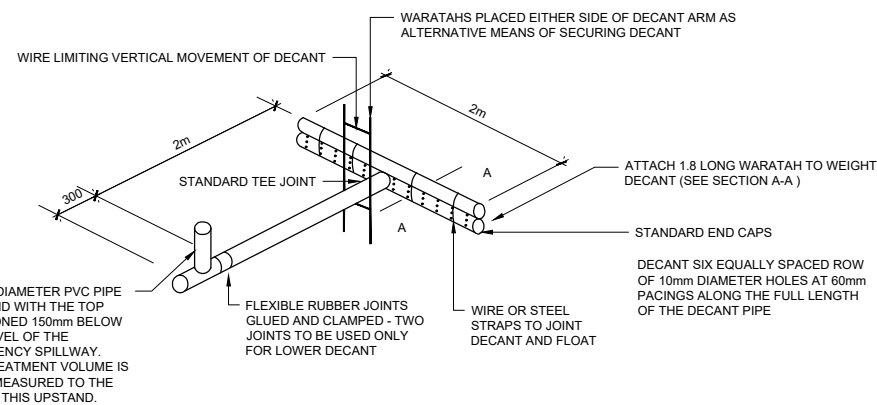
SILT FENCE WITH RETURNS AND SUPPORT WIRE

1:20 @ A1



SILT FENCE - DIAGRAM

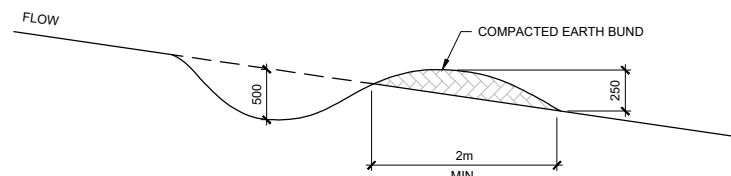
NTS



SECTION A-A

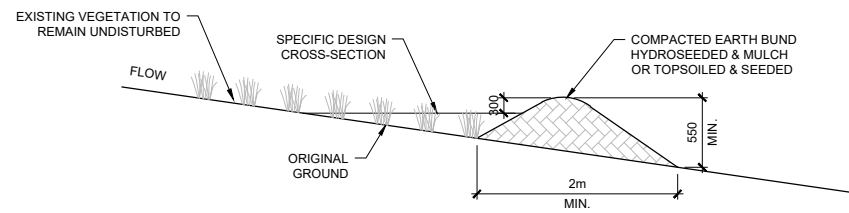
T-BAR DECANT DETAIL

NTS



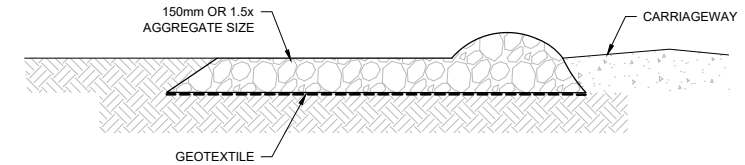
CONTOUR DRAIN

NTS



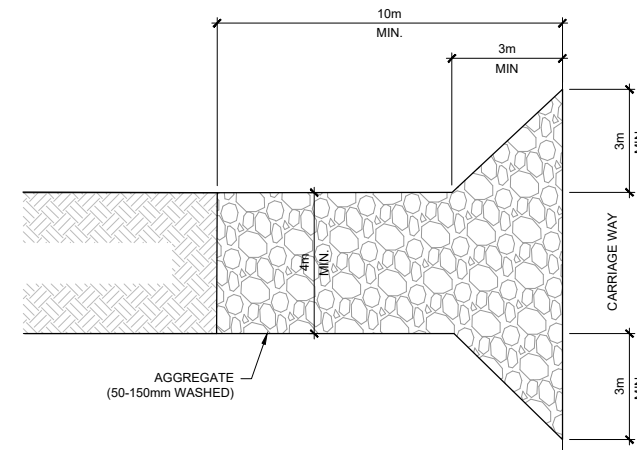
CLEAN WATER RUN OFF DIVERSION BUND

NTS



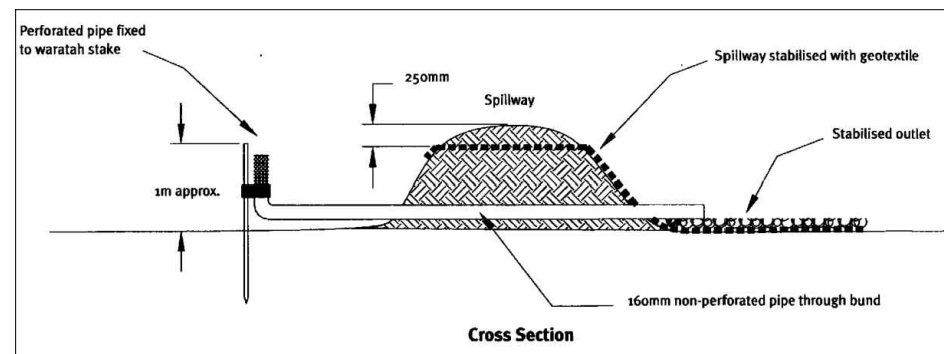
ELEVATION STABILISED SITE ACCESS ENTRANCE

NTS



TYPICAL PLAN STABILISED SITE ACCESS ENTRANCE

NTS



Cross Section

EARTH BUND

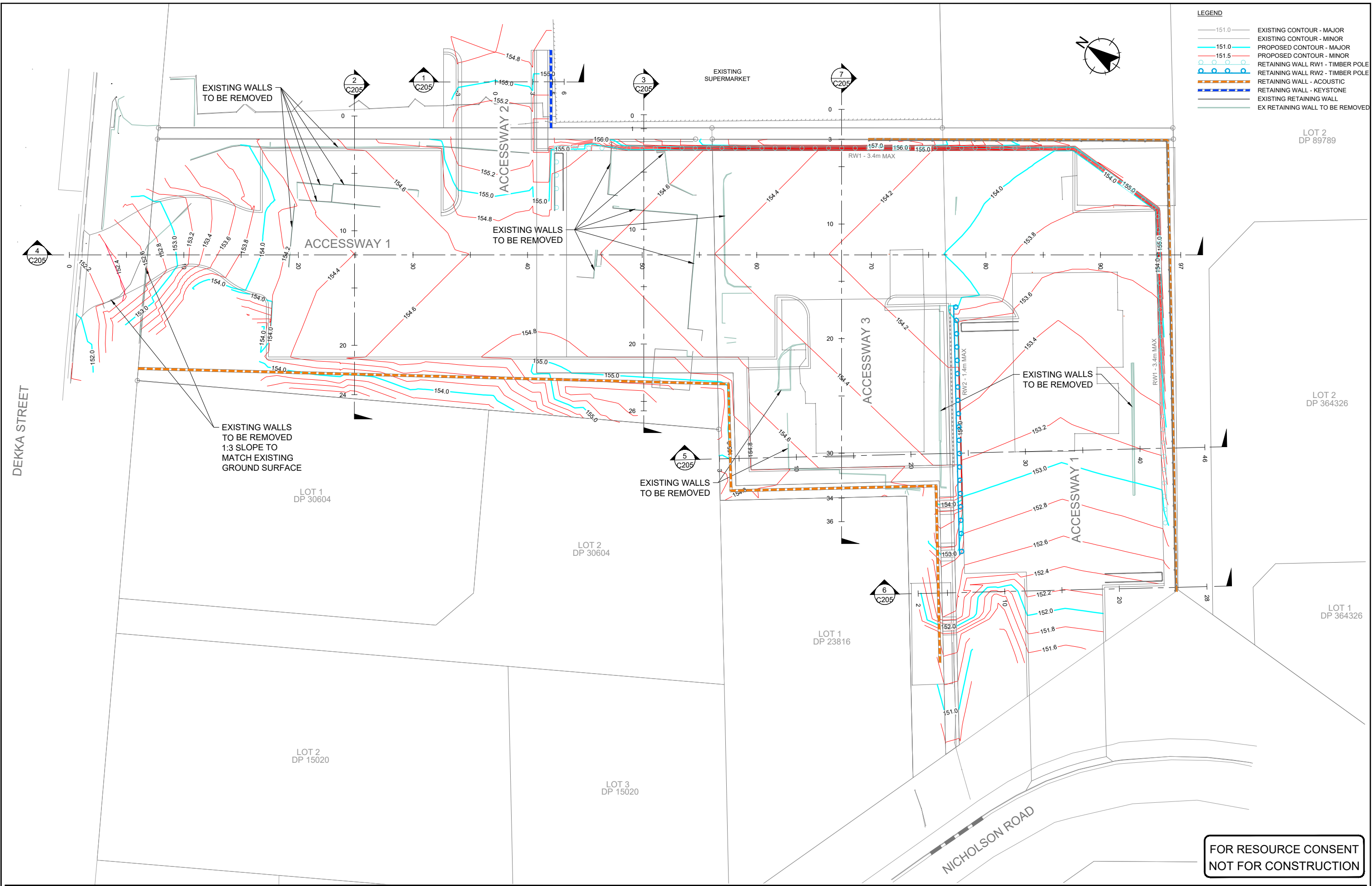
N.T.S

FOR RESOURCE CONSENT
NOT FOR CONSTRUCTION

0 FOR RESOURCE CONSENT	RT	21.04.22	App	Date	Approved	RT	Dec-21
Revision	Drawn	Reviewed	Designed	Surveyed	Client	Project Title	Sheet Title
	YV	RD	SW	SW	FOODSTUFFS NORTH ISLAND LTD	NEW WORLD KHANDALLAH CAR PARK EXPANSION	EROSION AND SEDIMENT CONTROL DETAILS
							Level 5, Building 3 866 Great South Road Eilerslie Auckland 1051 +64 9 525 9770 calibregroup.com

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Scale (A1 Original) 1:	(A3) 1:	
Project No	Sheet	Revision
712722	C171	0



LEGEND

— 151.0 —	EXISTING CONTOUR - MAJOR
— 151.0 —	EXISTING CONTOUR - MINOR
— 151.5 —	PROPOSED CONTOUR - MAJOR
— 151.5 —	PROPOSED CONTOUR - MINOR
	RETAINING WALL RW1 - TIMBER POLE
	RETAINING WALL - ACOUSTIC
	RETAINING WALL - KEYSTONE
	EXISTING RETAINING WALL
	EX RETAINING WALL TO BE REMOVED



**FOR RESOURCE CONSENT
NOT FOR CONSTRUCTION**

Revision	Description	App	Date	Approved	RT	Dec-21
2	LAYOUT UPDATED	RT	23.08.23	Designed	SW	Dec-21
1	CONTOURS UPDATED	RT	29.08.22	Drawn	YW/KD	Dec-21
0	FOR RESOURCE CONSENT	RT	21.04.22	Reviewed	RD	Dec-21

Client
FOODSTUFFS
NORTH ISLAND LTD

Project Title
NEW WORLD
KHANDALLAH
CAR PARK EXPANSION

Sheet Title
ERARTHWORKS
PROPOSED CONTOUR PLAN

Level 5, Building 3
866 Great South Road
Eilerslie
Auckland 1051
+64 9 525 9770
calibregroup.com

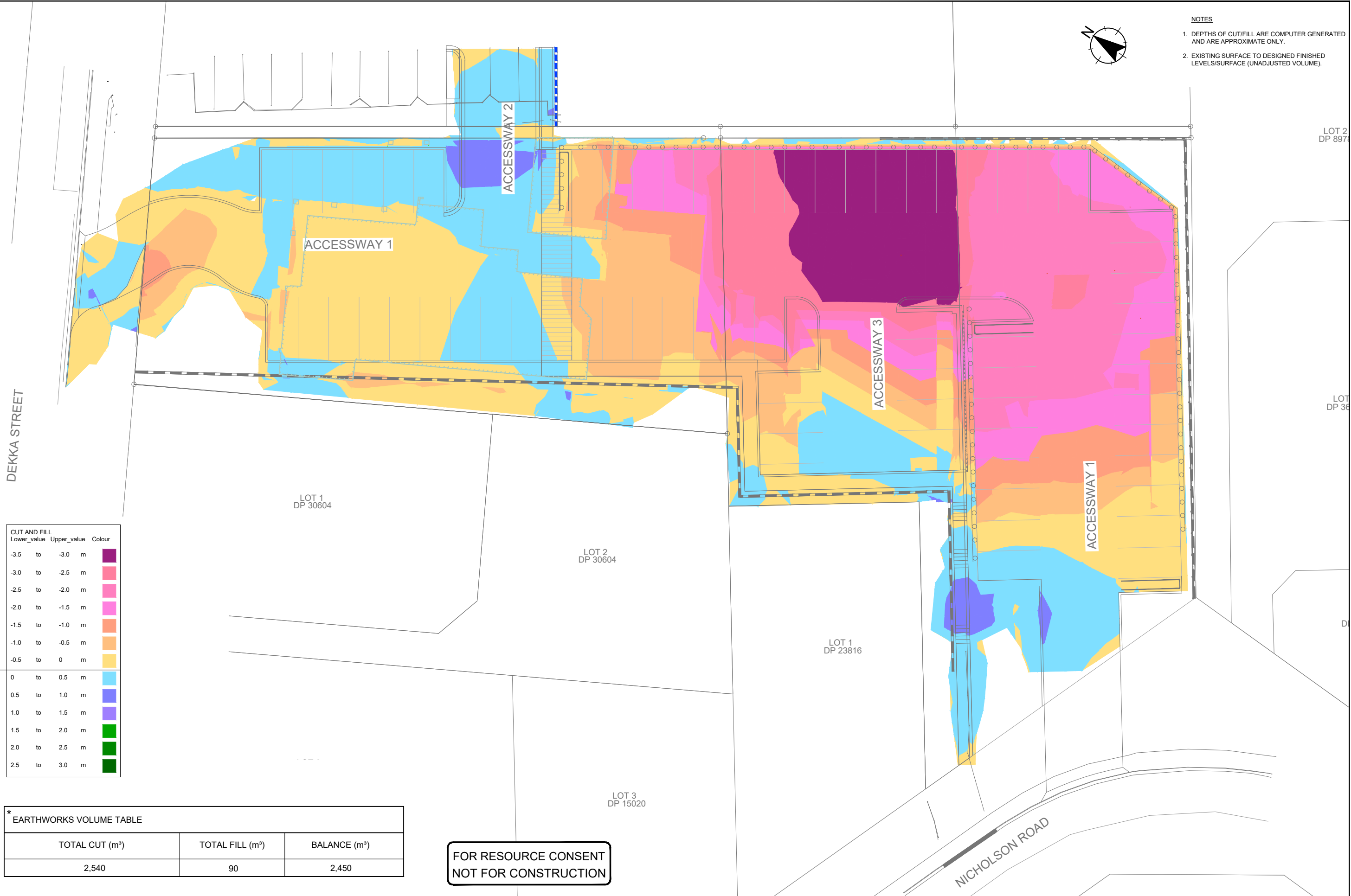


Scale (A1 Original) 1:150	(A3) 1:300	
Project No	Sheet	Revision
712722	C200	2

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- NOTES**
1. DEPTHS OF CUT/FILL ARE COMPUTER GENERATED AND ARE APPROXIMATE ONLY.
 2. EXISTING SURFACE TO DESIGNED FINISHED LEVELS/SURFACE (UNADJUSTED VOLUME).



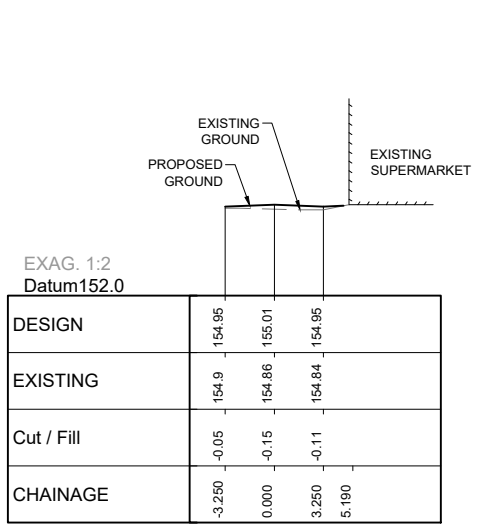
CUT AND FILL		
Lower_value	Upper_value	Colour
-3.5	-3.0	Dark Purple
-3.0	-2.5	Red-Orange
-2.5	-2.0	Orange
-2.0	-1.5	Light Orange
-1.5	-1.0	Yellow-Orange
-1.0	-0.5	Yellow
-0.5	0	Light Yellow
0	0.5	Light Blue
0.5	1.0	Blue
1.0	1.5	Light Blue
1.5	2.0	Light Green
2.0	2.5	Green
2.5	3.0	Dark Green

* EARTHWORKS VOLUME TABLE		
TOTAL CUT (m³)	TOTAL FILL (m³)	BALANCE (m³)
2,540	90	2,450

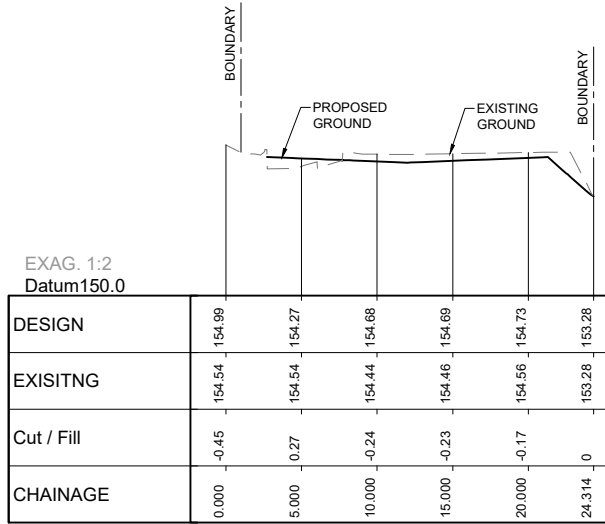
**FOR RESOURCE CONSENT
NOT FOR CONSTRUCTION**

2 LAYOUT UPDATED RT 23.08.23 1 CUT AREA UPDATED RT 29.08.22 0 FOR RESOURCE CONSENT RT 21.04.22 Revision App Date Approved RT Dec-21	Surveyed SW Dec-21 Designed SW Dec-21 Drawn YW/KD Dec-21 Reviewed RD Dec-21 App Date Approved RT Dec-21	Client FOODSTUFFS NORTH ISLAND LTD	Project Title NEW WORLD KHANDALLAH CAR PARK EXPANSION	Sheet Title ERARTHWORKS CUT AND FILL PLAN	Level 5, Building 3 666 Great South Road Eilerslie Auckland 1051 +64 9 525 9770 calibregroup.com		Scale (A1 Original) 1:150 (A3) 1:300 Project No 712722 Sheet C201 Revision 2
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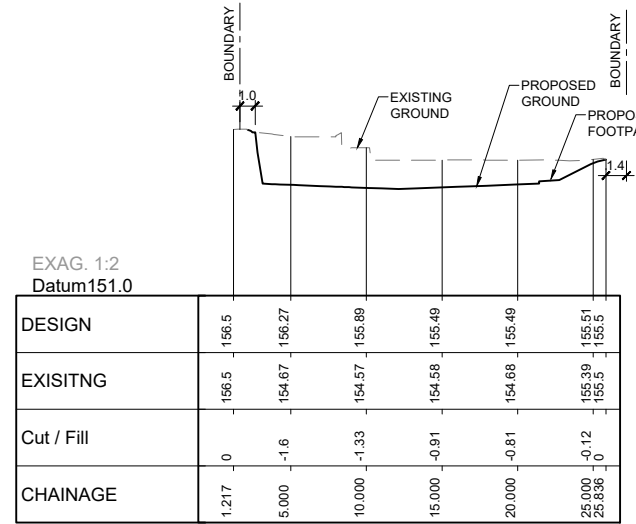
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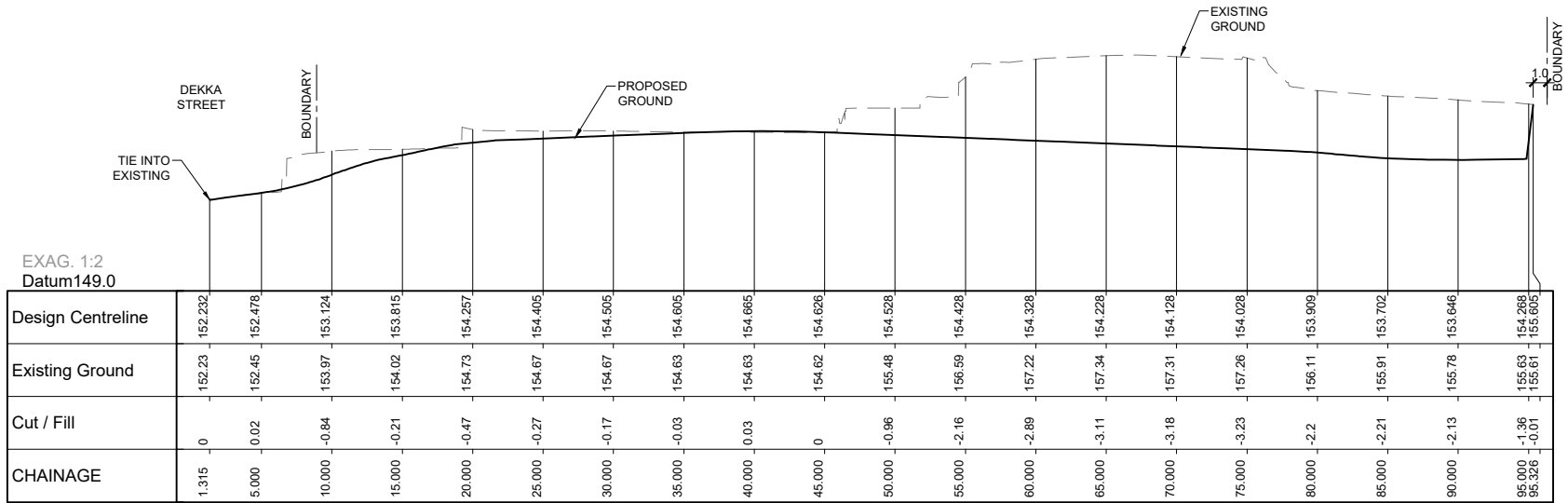
EARTHWORKS SECTION 1
 H 1:250, V 1:125 (A1)
 H 1:500, V 1:250 (A3)



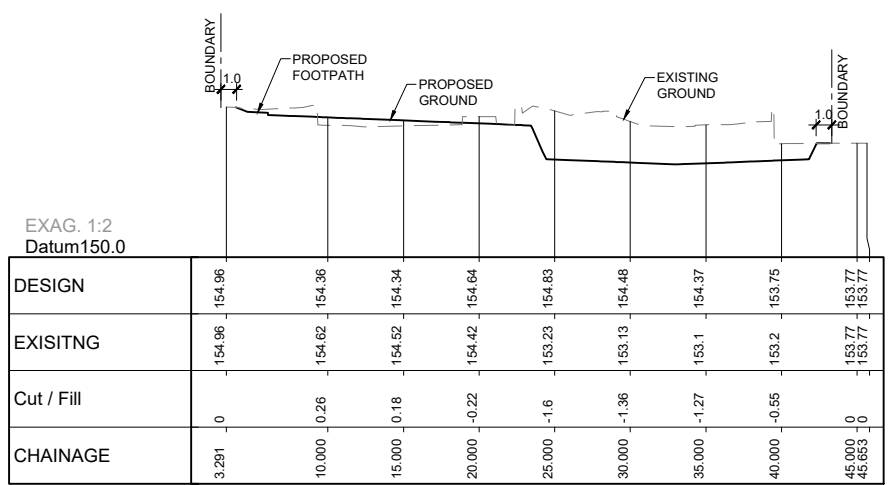
EARTHWORKS SECTION 2
 H 1:250, V 1:125 (A1)
 H 1:500, V 1:250 (A3)



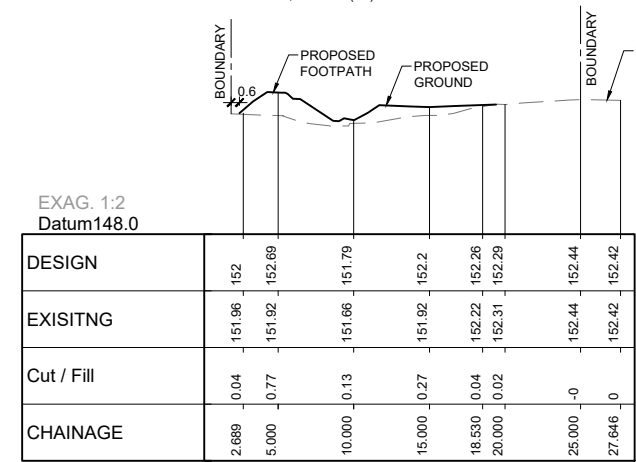
EARTHWORKS SECTION 3
 H 1:250, V 1:125 (A1)
 H 1:500, V 1:250 (A3)



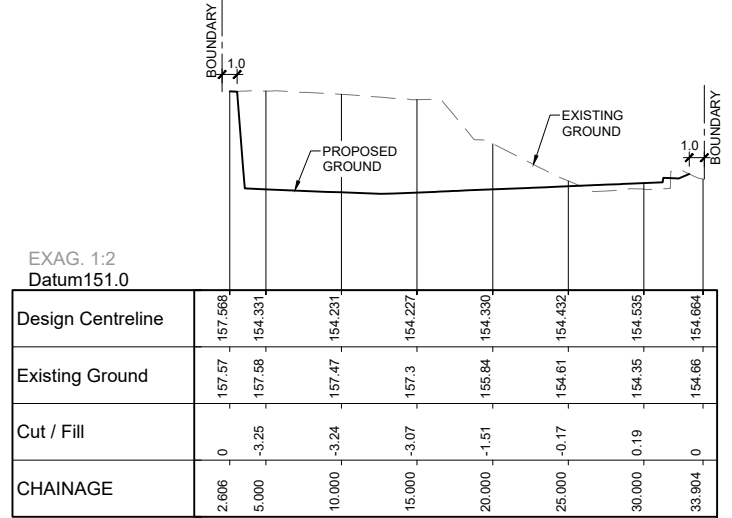
EARTHWORKS SECTION 4
 H 1:250, V 1:125 (A1)
 H 1:500, V 1:250 (A3)



EARTHWORKS SECTION 5
 H 1:250, V 1:125 (A1)
 H 1:500, V 1:250 (A3)



EARTHWORKS SECTION 6
 H 1:250, V 1:125 (A1)
 H 1:500, V 1:250 (A3)



EARTHWORKS SECTION 7
 H 1:250, V 1:125 (A1)
 H 1:500, V 1:250 (A3)

**FOR RESOURCE CONSENT
 NOT FOR CONSTRUCTION**

1 SECTION 7 ADDED	RT	23.08.23	Designed	SW	Dec-21
0 FOR RESOURCE CONSENT	RT	21.04.22	Drawn	YW/KD	Dec-21
			Reviewed	RD	Dec-21
			Approved	RT	Dec-21

Client
 FOODSTUFFS
 NORTH ISLAND LTD

Project Title
 NEW WORLD
 KHANDALLAH
 CAR PARK EXPANSION

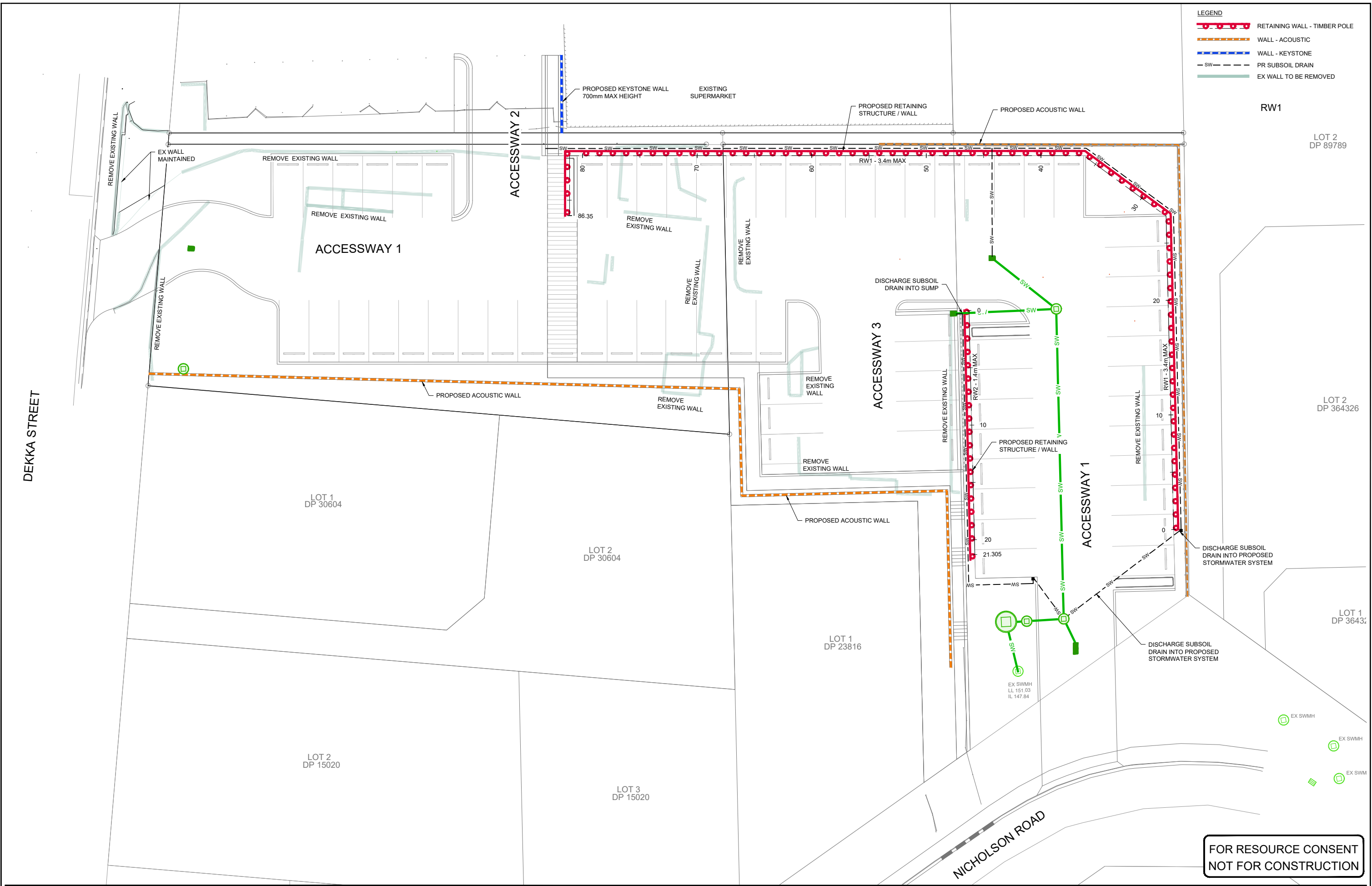
Sheet Title
 ERARTHWORKS
 SITE SECTIONS

Level 5, Building 3
 666 Great South Road
 Ellerslie
 Auckland 1051
 +64 9 525 9770
 calibregroup.com



Scale (A1 Original) 1:250	(A3) 1:500	
5 2.5 0 5 10 15 m		
Project No 712722	Sheet C205	Revision 1

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LEGEND

- RETAINING WALL - TIMBER POLE
- WALL - ACOUSTIC
- WALL - KEYSTONE
- PR SUBSOIL DRAIN
- EX WALL TO BE REMOVED

**FOR RESOURCE CONSENT
NOT FOR CONSTRUCTION**

Revision	Date	App	Date	Approved	RT	Dec-21
1 LAYOUT UPDATED	23.08.23	RT	23.08.23	SW	Dec-21	
0 FOR RESOURCE CONSENT	21.04.22	RT	21.04.22	RD	Dec-21	

Client
FOODSTUFFS
NORTH ISLAND LTD

Project Title
NEW WORLD
KHANDALLAH
CAR PARK EXPANSION

Sheet Title
RETAINING WALL PLAN

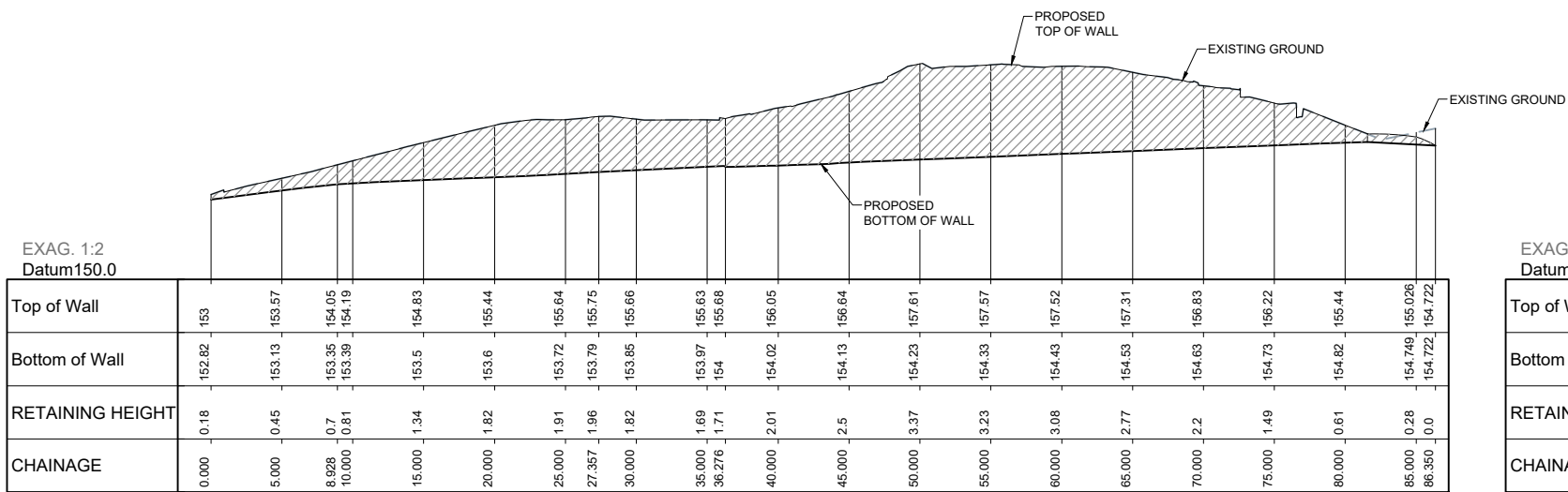
Level 5, Building 3
666 Great South Road
Eilerside
Auckland 1051
+64 9 525 9770
calibregroup.com



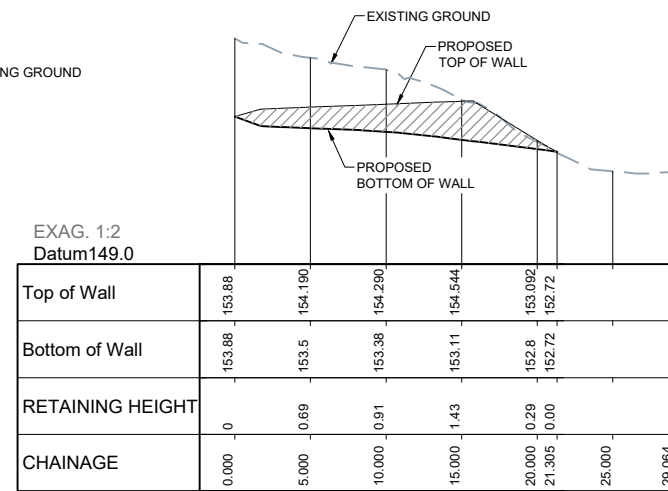
Scale (A1 Original) 1:150 (A3) 1:300

Project No	Sheet	Revision
712722	C210	1

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RETAINING WALL RW1 - LONG SECTION 1
 H 1:250, V 1:125 (A1)
 H 1:500, V 1:250 (A3)
 C210



RETAINING WALL RW2 - LONG SECTION 2
 H 1:250, V 1:125 (A1)
 H 1:500, V 1:250 (A3)
 C210

FOR RESOURCE CONSENT
 NOT FOR CONSTRUCTION

1 LAYOUT UPDATED	RT	23.08.23	Designed	SW	Dec-21
0 FOR RESOURCE CONSENT	RT	21.04.22	Drawn	YW/KD	Dec-21
	App		Reviewed	RD	Dec-21
	Date		Approved	RT	Dec-21

Client
**FOODSTUFFS
 NORTH ISLAND LTD**

Project Title
**NEW WORLD
 KHANDALLAH
 CAR PARK EXPANSION**

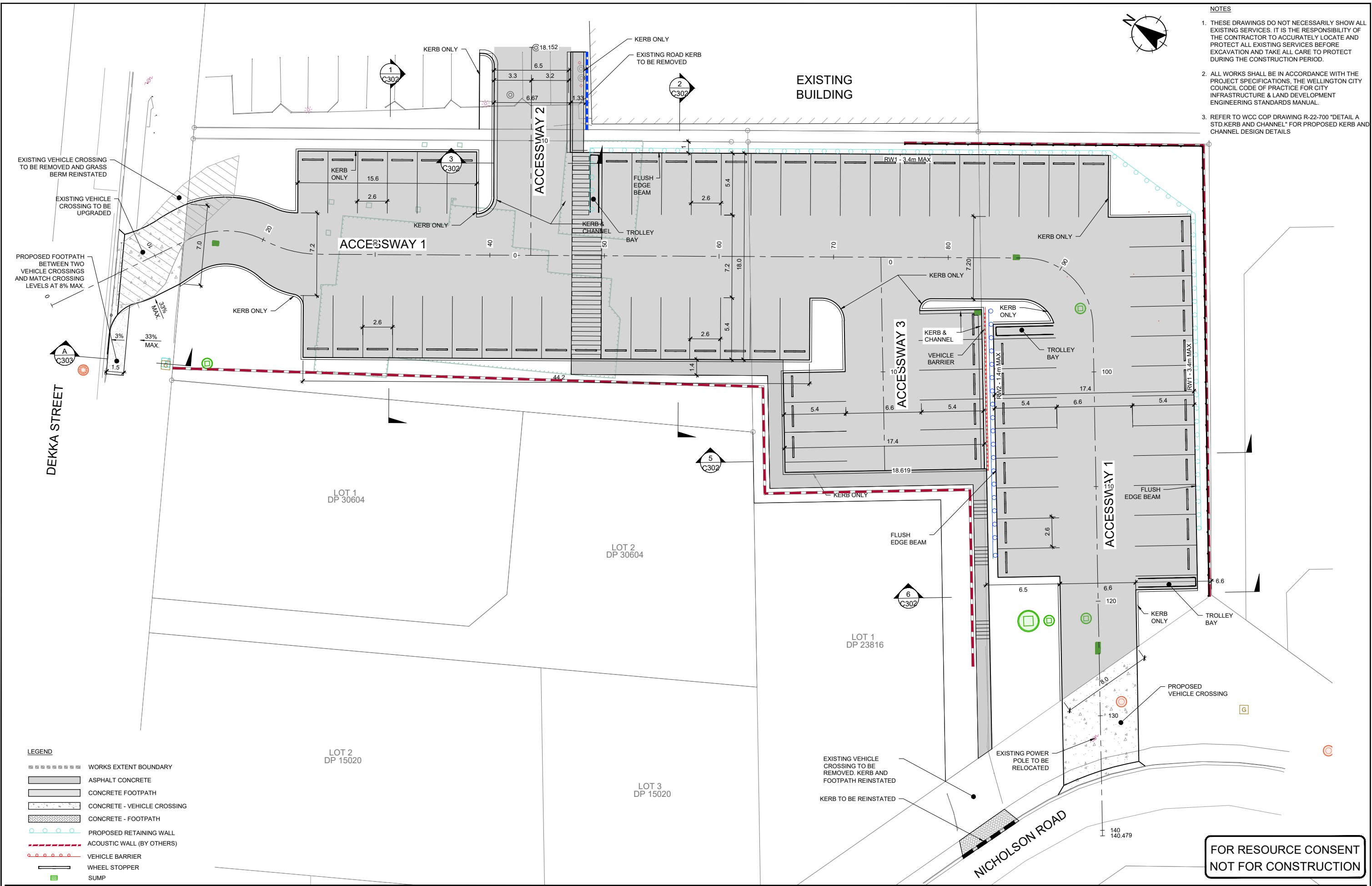
Sheet Title
RETAINING WALL SECTIONS

Level 5, Building 3
 666 Great South Road
 Eilerslie
 Auckland 1051
 +64 9 525 9770
 calibregroup.com



Scale (A1 Original) 1:250	(A3) 1:500	
Project No	Sheet	Revision
712722	C211	1

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- NOTES**
1. THESE DRAWINGS DO NOT NECESSARILY SHOW ALL EXISTING SERVICES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY LOCATE AND PROTECT ALL EXISTING SERVICES BEFORE EXCAVATION AND TAKE ALL CARE TO PROTECT DURING THE CONSTRUCTION PERIOD.
 2. ALL WORKS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, THE WELLINGTON CITY COUNCIL CODE OF PRACTICE FOR CITY INFRASTRUCTURE & LAND DEVELOPMENT ENGINEERING STANDARDS MANUAL.
 3. REFER TO WCC COP DRAWING R-22-700 "DETAIL A STD KERB AND CHANNEL" FOR PROPOSED KERB AND CHANNEL DESIGN DETAILS

- LEGEND**
- WORKS EXTENT BOUNDARY
 - ASPHALT CONCRETE
 - CONCRETE FOOTPATH
 - CONCRETE - VEHICLE CROSSING
 - CONCRETE - FOOTPATH
 - PROPOSED RETAINING WALL
 - ACOUSTIC WALL (BY OTHERS)
 - VEHICLE BARRIER
 - WHEEL STOPPER
 - SUMP

**FOR RESOURCE CONSENT
NOT FOR CONSTRUCTION**

Revision	App	Date	Approved	RT	Dec-21
2 LAYOUT UPDATED	RT	23.08.23	Designed	SW	Dec-21
1 DETAILS ADDED	RT	29.08.22	Drawn	YW/KD	Dec-21
0 FOR RESOURCE CONSENT	RT	21.04.22	Reviewed	RD	Dec-21

Client
FOODSTUFFS
NORTH ISLAND LTD

Project Title
NEW WORLD
KHANDALLAH
CAR PARK EXPANSION

Sheet Title
ACCESSWAY PLAN

Level 5, Building 3
666 Great South Road
Eilerslie
Auckland 1051
+64 9 525 9770
calibregroup.com



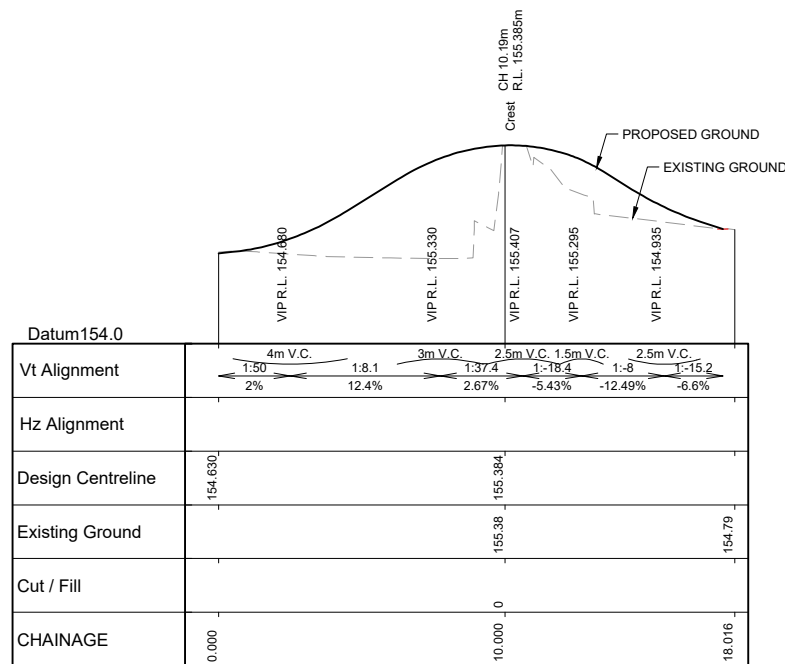
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Project No	Sheet	Revision
712722	C300	2

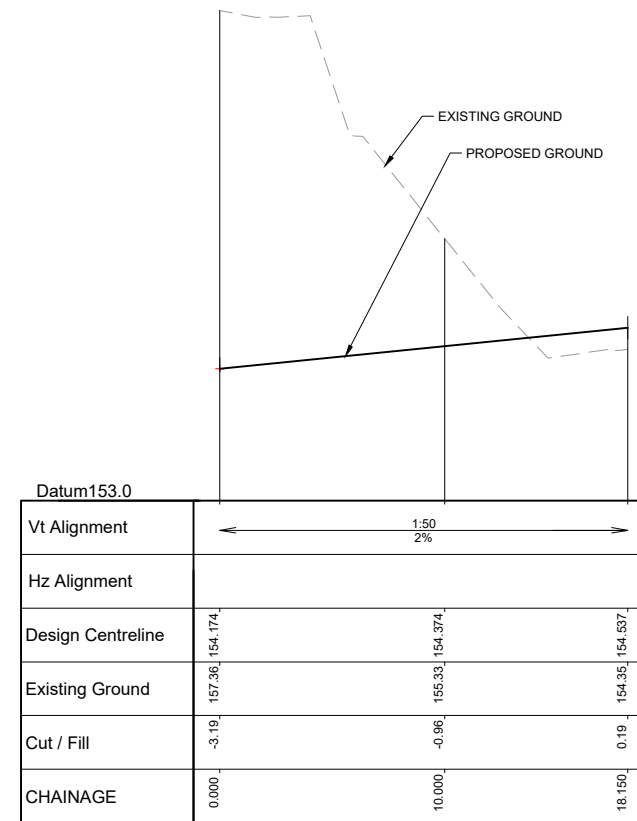
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LEGEND

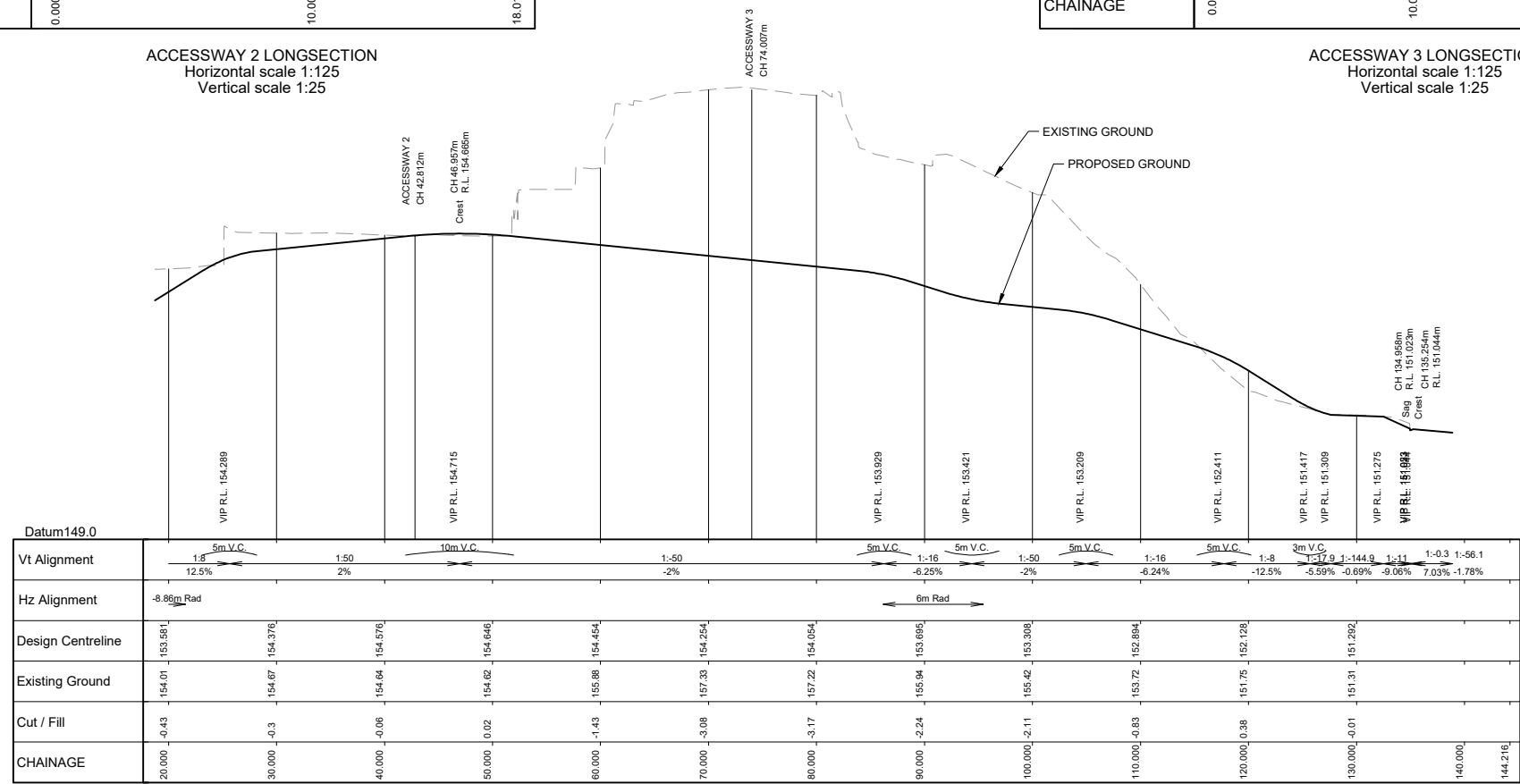
— EXISTING GROUND LEVEL
 — FINISHED GROUND LEVEL



ACCESSWAY 2 LONGSECTION
 Horizontal scale 1:125
 Vertical scale 1:25



ACCESSWAY 3 LONGSECTION
 Horizontal scale 1:125
 Vertical scale 1:25



ACCESSWAY 1 LONGSECTION
 Horizontal scale 1:250
 Vertical scale 1:50

FOR RESOURCE CONSENT
 NOT FOR CONSTRUCTION

0 FOR RESOURCE CONSENT Revision	RT	21.04.22	App	Date	Approved	RT	Dec-21
	Designed	SW					Dec-21
	Drawn	YW					Dec-21
	Reviewed	RD					Dec-21
	Approved	RT					Dec-21

Client
**FOODSTUFFS
 NORTH ISLAND LTD**

Project Title
**NEW WORLD
 KHANDALLAH
 CAR PARK EXPANSION**

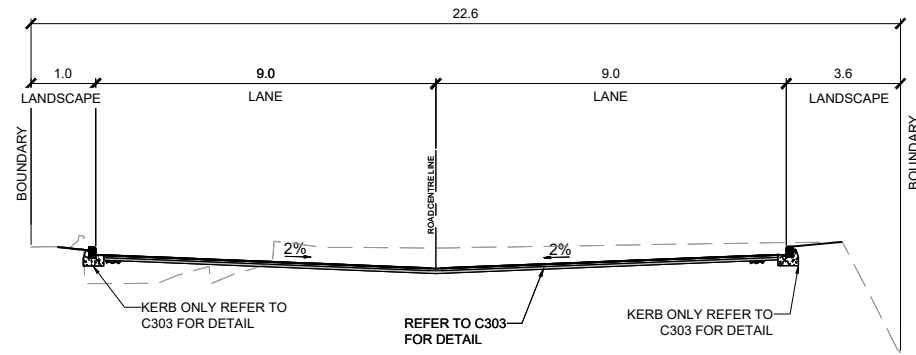
Sheet Title
**ACCESSWAY
 LONG SECTIONS**

Level 5, Building 3
 666 Great South Road
 Eilerslie
 Auckland 1051
 +64 9 525 9770
 calibregroup.com

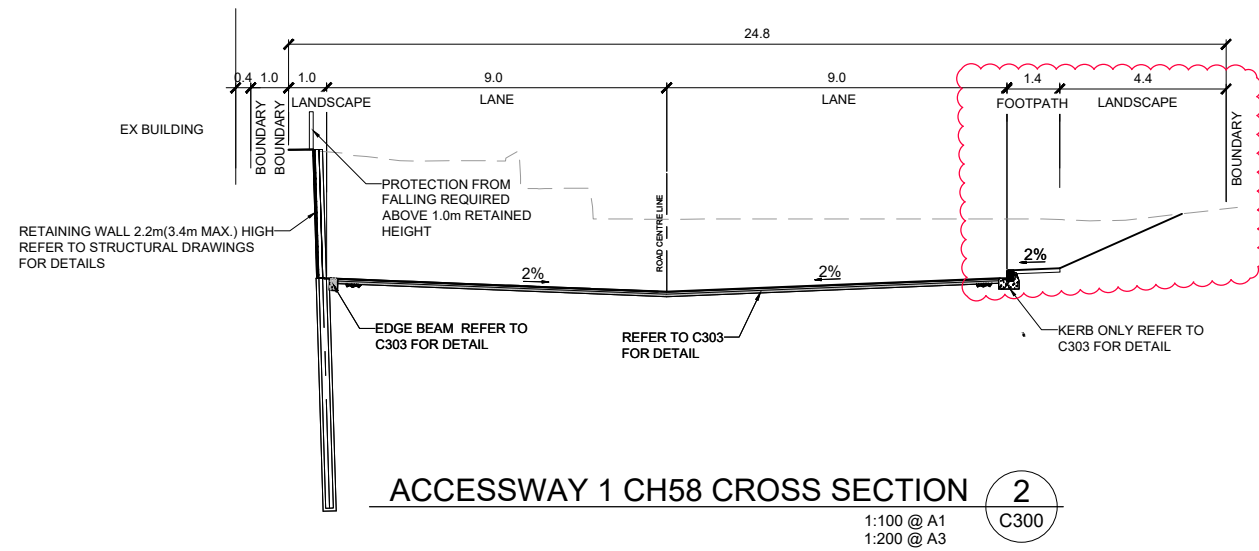


Scale (A1 Original)	1:1000	(A3)	1:2000
Project No	712722	Sheet	C301
Revision			0

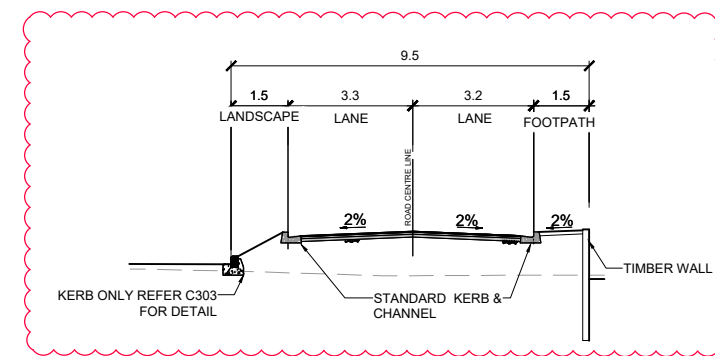
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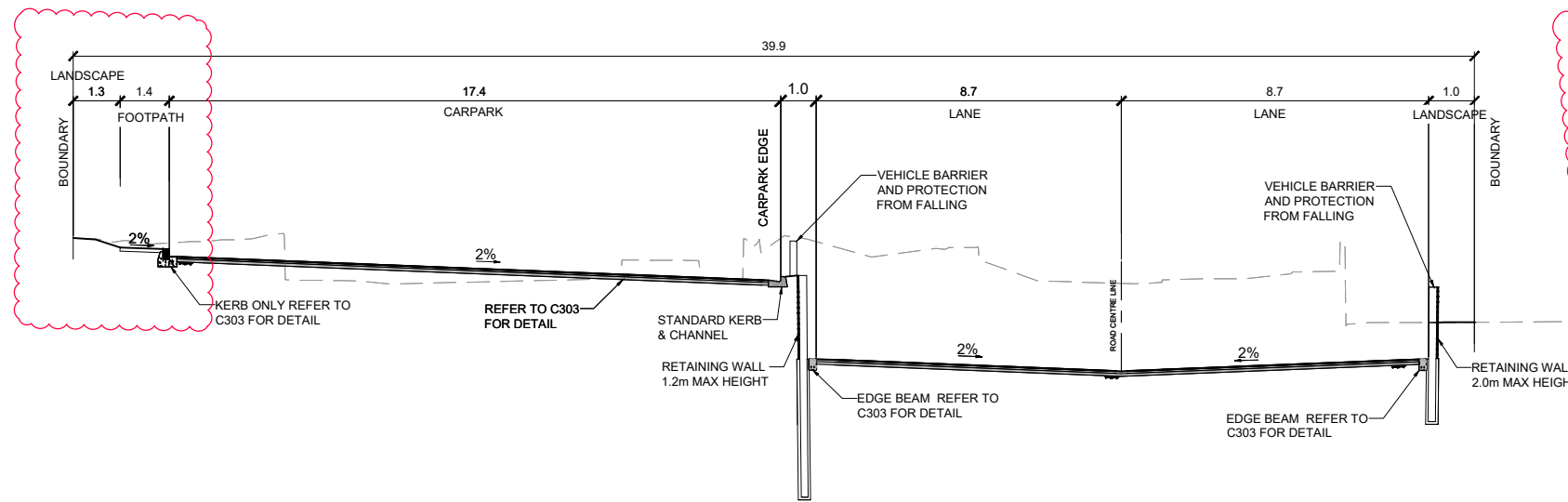
ACCESSWAY 1 CH32 CROSS SECTION 1
 1:100 @ A1
 1:200 @ A3
 C300



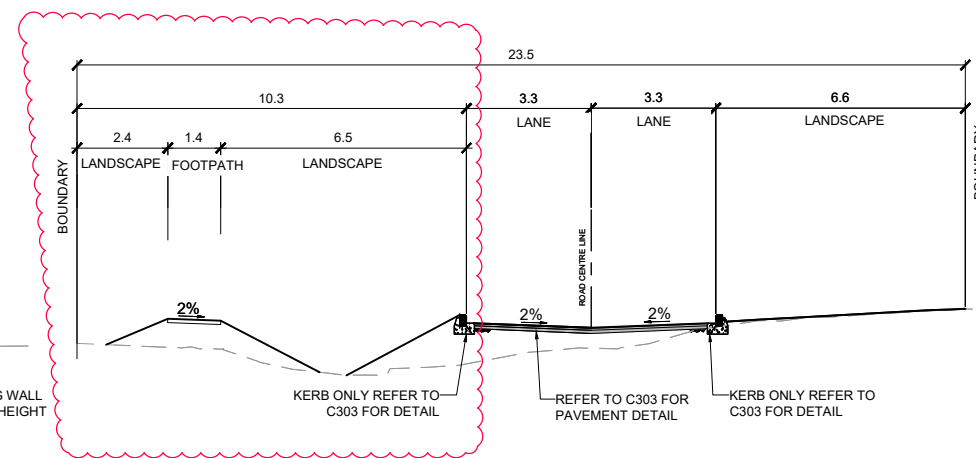
ACCESSWAY 1 CH58 CROSS SECTION 2
 1:100 @ A1
 1:200 @ A3
 C300



ACCESSWAY 2 CH12 CROSS SECTION 3
 1:100 @ A1
 1:200 @ A3
 C300



SECTION 5
 1:100 @ A1
 1:200 @ A3
 C300



ACCESSWAY 1 CH119 CROSS SECTION 6
 1:100 @ A1
 1:200 @ A3
 C300

**FOR RESOURCE CONSENT
 NOT FOR CONSTRUCTION**

Revision	App	Date	Approved	RT
1 DETAILS ADDED	RT	23.08.23	SW	Dec-21
0 FOR RESOURCE CONSENT	RT	21.04.22	YV/KD	Dec-21
			RD	Dec-21
			RT	Dec-21

Client
 FOODSTUFFS
 NORTH ISLAND LTD

Project Title
 NEW WORLD
 KHANDALLAH
 CAR PARK EXPANSION

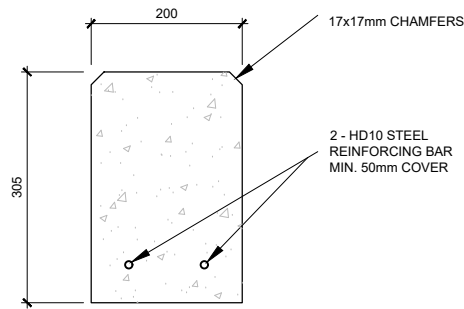
Sheet Title
 TYPICAL ROAD
 CROSS SECTIONS

Level 5, Building 3
 666 Great South Road
 Eilerslie
 Auckland 1051
 +64 9 525 9770
 calibregroup.com

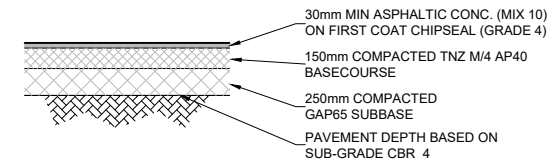


Scale (A1 Original) 1:100	(A3) 1:200	
Project No	Sheet	Revision
712722	C302	1

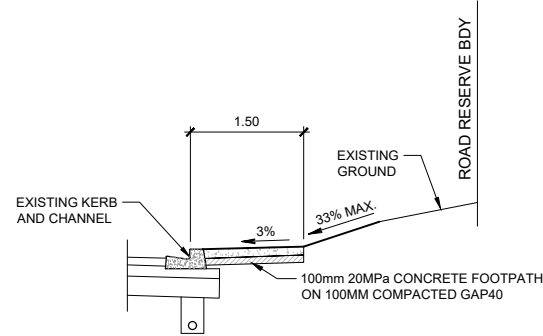
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①
EDGE BEAM & KERB ONLY
 1:10 @ A1



**TYPICAL CARRIAGEWAY
 PAVEMENT DETAIL**
 1:10 @ A1



A
 C300
FOOTPATH CROSS SECTION

FOR RESOURCE CONSENT
 NOT FOR CONSTRUCTION

Revision		App		Date		Approved		RT	
1	DETAIL ADDED	RT	29.08.22	SW	Dec-21	YV	Dec-21	RD	Dec-21
0	FOR RESOURCE CONSENT	RT	21.04.22	RD	Dec-21	RT	Dec-21		

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Client
 FOODSTUFFS
 NORTH ISLAND LTD

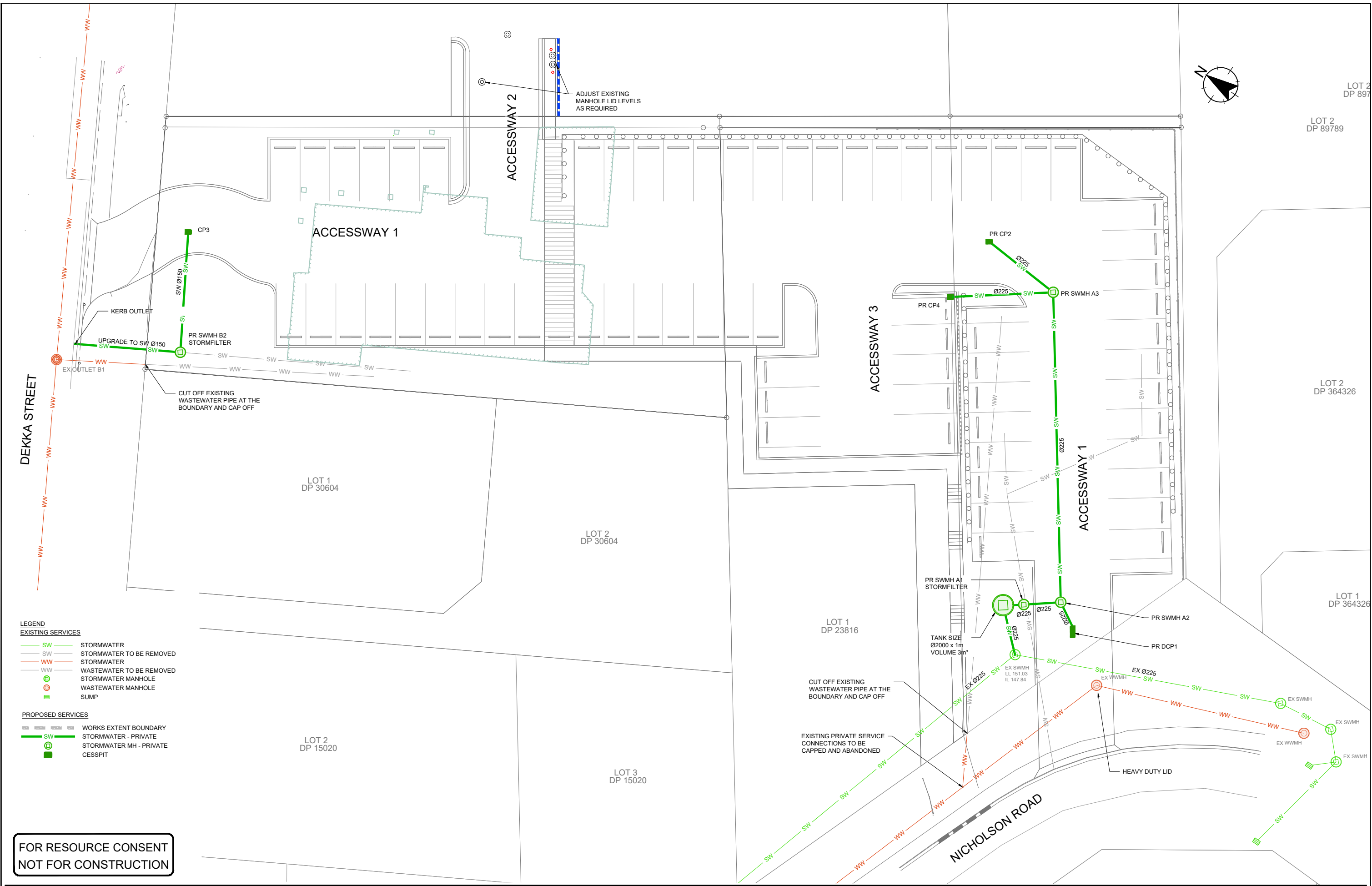
Project Title
 NEW WORLD
 KHANDALLAH
 CAR PARK EXPANSION

Sheet Title
 ROADING
 CONSTRUCTION DETAILS

Level 5, Building 3
 666 Great South Road
 Ellerslie
 Auckland 1051
 +64 9 525 9770
 calibregroup.com



Scale (A1 Original) 1:10000		(A3) 1:20000
Project No	Sheet	Revision
712722	C303	1



LEGEND

EXISTING SERVICES

- SW — STORMWATER
- - - SW - - - STORMWATER TO BE REMOVED
- WW — WASTEWATER
- - - WW - - - WASTEWATER TO BE REMOVED
- ⊕ STORMWATER MANHOLE
- ⊕ WASTEWATER MANHOLE
- ⊞ WASTEWATER MANHOLE SUMP

PROPOSED SERVICES

- - - WORKS EXTENT BOUNDARY
- SW — STORMWATER - PRIVATE
- ⊕ STORMWATER MH - PRIVATE
- ⊞ CESSPIT

**FOR RESOURCE CONSENT
NOT FOR CONSTRUCTION**

Revision	App	Date	Approved	RT	Dec-21
1 LAYOUT UPDATED	RT	23.08.23	SW	Dec-21	
0 FOR RESOURCE CONSENT	RT	21.04.22	YV/KD	Dec-21	
	App		RD	Dec-21	
	Date		RT	Dec-21	

Client
FOODSTUFFS
NORTH ISLAND LTD

Project Title
NEW WORLD
KHANDALLAH
CAR PARK EXPANSION

Sheet Title
DRAINAGE PLAN

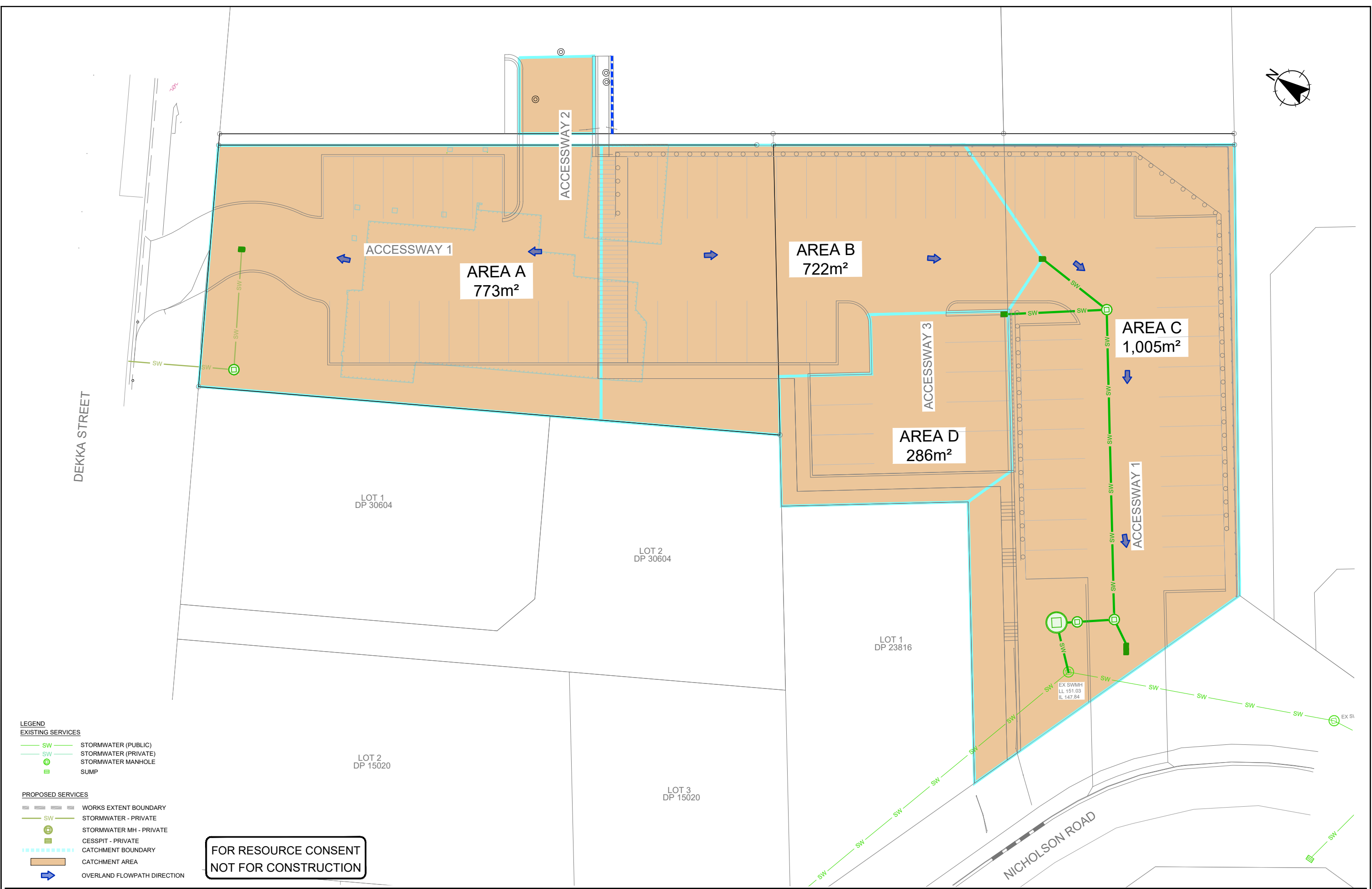
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Auckland 1051
+64 9 525 9770
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712722	C400	1

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- LEGEND**
- EXISTING SERVICES**
- SW — STORMWATER (PUBLIC)
 - SW — STORMWATER (PRIVATE)
 - ⊕ STORMWATER MANHOLE
 - SUMP
- PROPOSED SERVICES**
- SW — STORMWATER - PRIVATE
 - ⊕ STORMWATER MH - PRIVATE
 - CESSPIT - PRIVATE
 - - - - - CATCHMENT BOUNDARY
 - CATCHMENT AREA
 - ➔ OVERLAND FLOWPATH DIRECTION

**FOR RESOURCE CONSENT
NOT FOR CONSTRUCTION**

Revision	App	Date	Approved	RT	Dec-21
1 LAYOUT UPDATED	RT	23.08.23	Designed	SW	Dec-21
0 FOR RESOURCE CONSENT	RT	21.04.22	Drawn	YW/KD	Dec-21
			Reviewed	RD	Dec-21
			App		Dec-21

Client
FOODSTUFFS
NORTH ISLAND LTD

Project Title
NEW WORLD
KHANDALLAH
CAR PARK EXPANSION

Sheet Title
STORMWATER
CATCHMENT PLAN

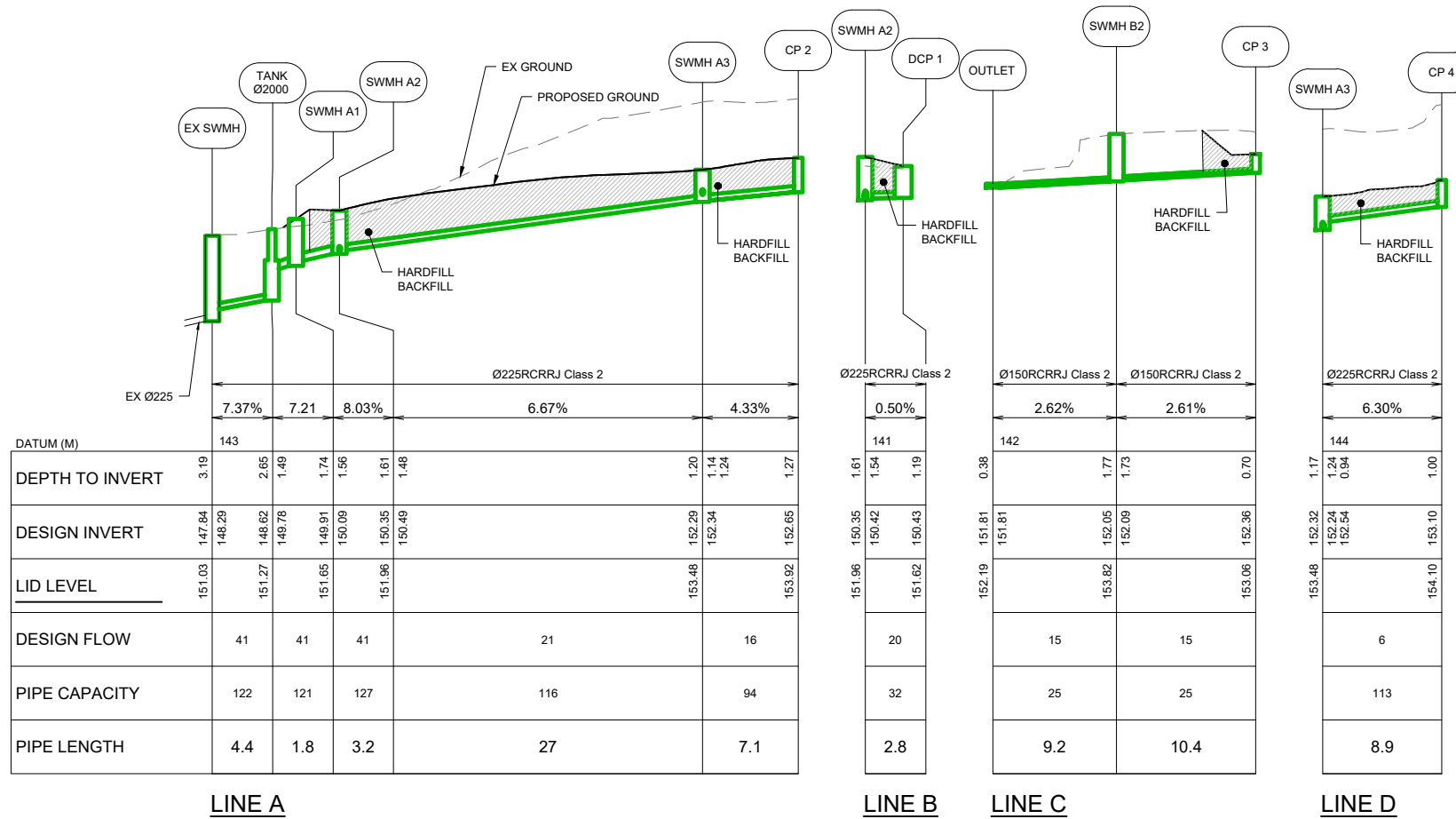
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712722	C401	1

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0 FOR RESOURCE CONSENT Revision App Date	Surveyed SW Dec-21 Drawn YW Dec-21 Reviewed RD Dec-21 Approved RT Dec-21	Client FOODSTUFFS NORTH ISLAND LTD	Project Title NEW WORLD KHANDALLAH CAR PARK EXPANSION	Sheet Title STORMWATER LONG SECTION	Level 5, Building 3 666 Great South Road Eilerslie Auckland 1051 +64 9 525 9770 calibregroup.com	Scale (A1 Original) HORIZONTAL SCALE 1:500 (A1) 1:1000 (A3) VERTICAL SCALE 1:100 (A1) 1:200 (A3) Project No 712722 Sheet C405 Revision 0
	Verify all dimensions on site before commencing work. Prioritise figured dimensions over scaling. Refer all discrepancies to Calibre. This document and the copyright in this document remain the property of Calibre Consulting Limited. The contents of this document may not be reproduced either in whole or in part by any means whatsoever without the prior written consent of Calibre Consulting Limited.					

Figure 9: Type-two Surface Water Sump
Paragraph 3.6.2

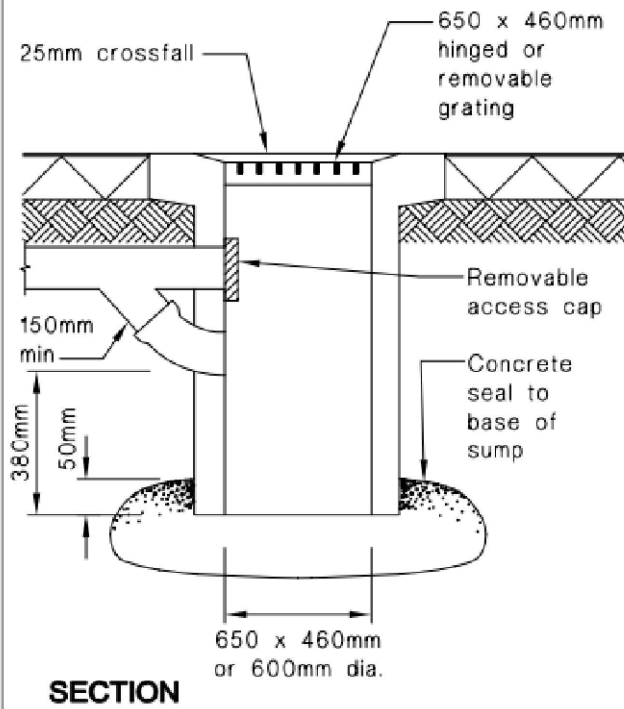
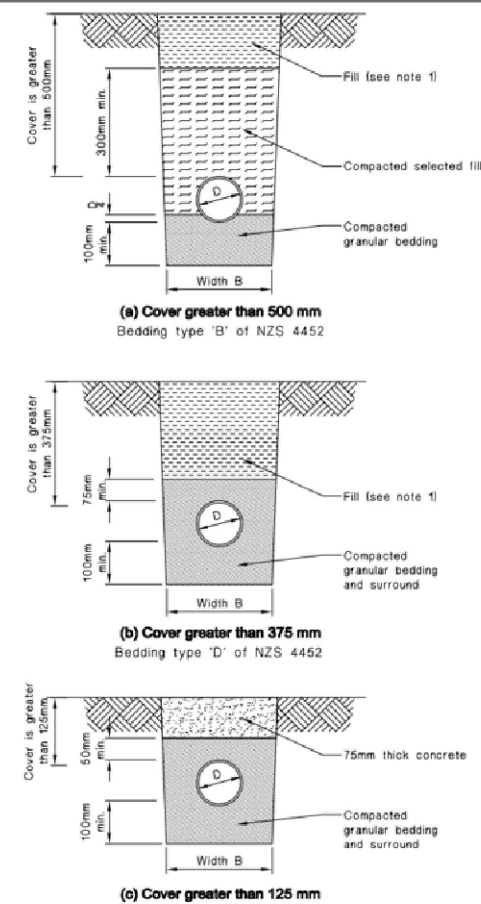
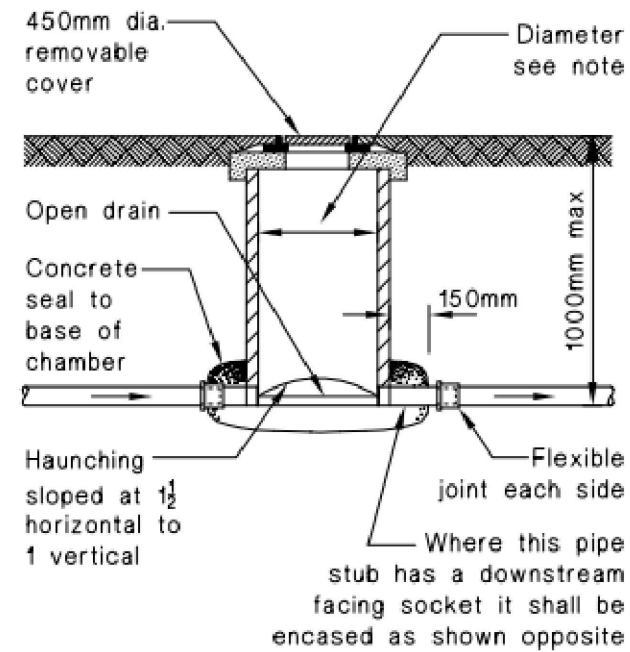


Figure 13: Bedding and Backfilling
Paragraphs 3.9.2, 3.9.4 and 3.9.5



NOTE:
1. Fill shall be:
-Ordinary fill where drains are located below gardens and open country.
-Compacted selected fill where the drains are located below residential driveways and similar areas subjected to light traffic.

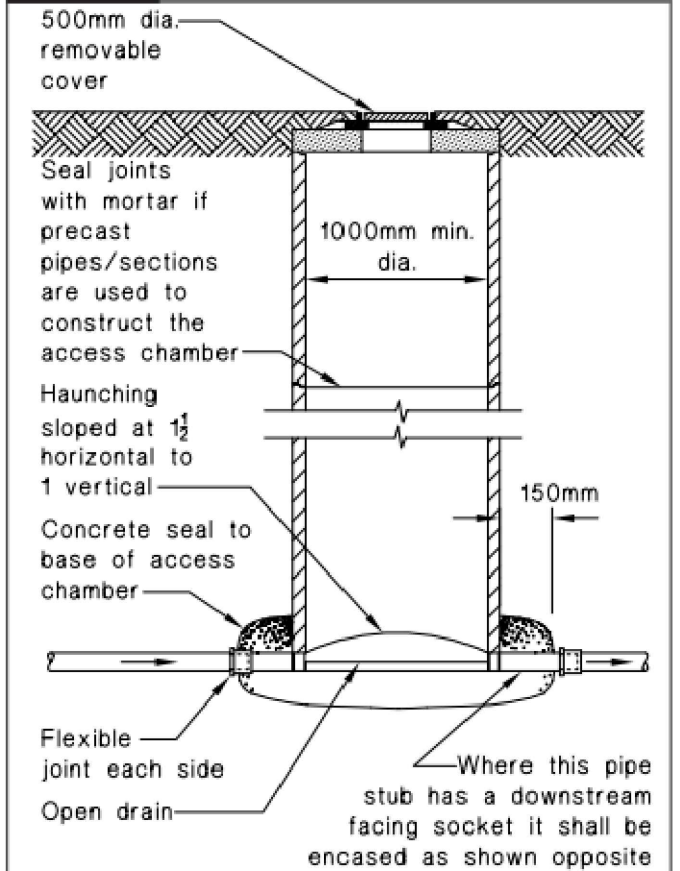
Figure 11: Typical Inspection Chamber
Paragraphs 3.5.3, 3.7.1 and 3.7.4



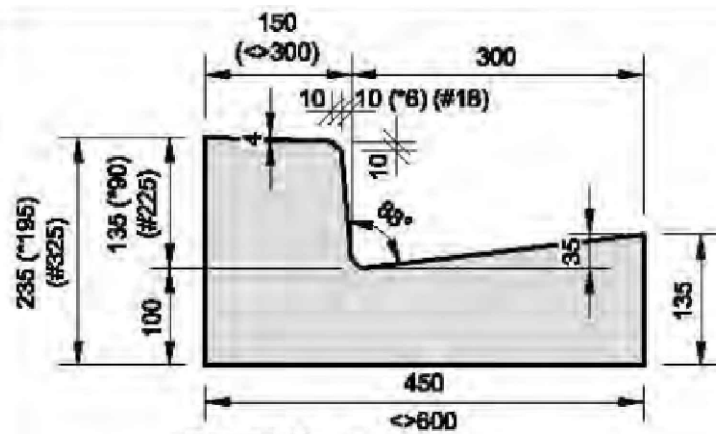
SECTION

NOTE:
Inspection chamber diameter to be:
-450 mm for drains 100 mm dia or less.
-600 mm for drains greater than 100 mm dia.

Figure 12: Typical Access Chamber
Paragraphs 3.5.3, 3.7.1 and 3.7.4



SECTION



DETAIL A
STD. KERB AND CHANNEL
(* LOW PROFILE KERB)
(# BUS STOP KERB)
(<> WIDE TOP KERB)

FOR RESOURCE CONSENT
NOT FOR CONSTRUCTION

0 FOR RESOURCE CONSENT	RT	21.04.22	App	Date	Approved	RT	Dec-21
1	SW	Dec-21	Designed	SW	Dec-21	Drawn	YV
2	RD	Dec-21	Reviewed	RD	Dec-21	Approved	RT

Client
**FOODSTUFFS
NORTH ISLAND LTD**

Project Title
**NEW WORLD
KHANDALLAH
CAR PARK EXPANSION**

Sheet Title
**STANDARD
DETAILS
SHEET 1**

Level 5, Building 3
866 Great South Road
Eilerslie
Auckland 1051
+64 9 525 9770
calibregroup.com



Scale (A1 Original) 1:###	(A3) 1:###	
### ### 0 ### # ###	m	
Project No	Sheet	Revision
712722	C800	0

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Carpark entry and exit signage

COLOURS

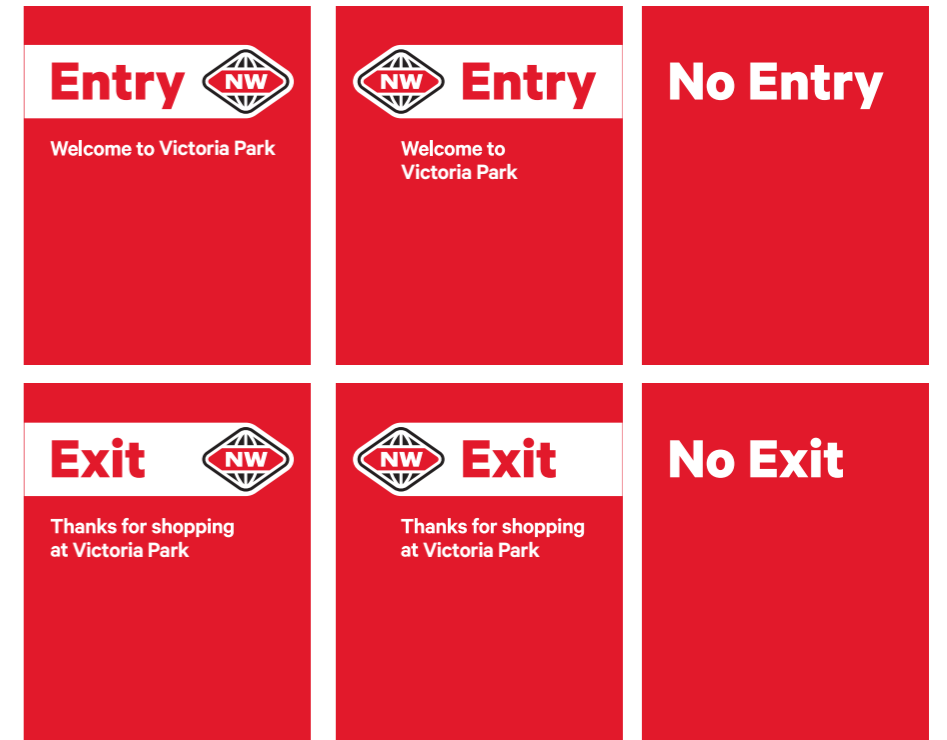
- Red PMS 186 CVC
CO M100 Y90 K5



Carpark entry and exit signage

SIZE

Front & back face:
800mm (w) X 1000mm (h)
Depth: 100mm



L700 REV.

3D VIEWS KEY PLAN

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

RESOURCE CONSENT

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PROJECT No. **F537**

PLOT DATE. **25/09/2023 2:05:44 pm**

NO.	DESCRIPTION	DATE
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designgroup
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3D VIEWS KEY PLAN
 SCALE @ A3 - 1 : 500 | SCALE @ A1 - DOUBLE SCALE

- - - Retaining Wall
- Acoustic Wall
- Approx. viewshaft

3D VIEWS

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

RESOURCE CONSENT

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 PLOT DATE. **25/09/2023 2:06:21 pm**

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Auckland	+64 9 976 8288	ak@dgse.co.nz



NICHOLSON RD ENTRANCE
 SCALE @ A3 - | SCALE @ A1 - DOUBLE SCALE



DEKKA ST ENTRANCE
 SCALE @ A3 - | SCALE @ A1 - DOUBLE SCALE



3D VIEWS

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

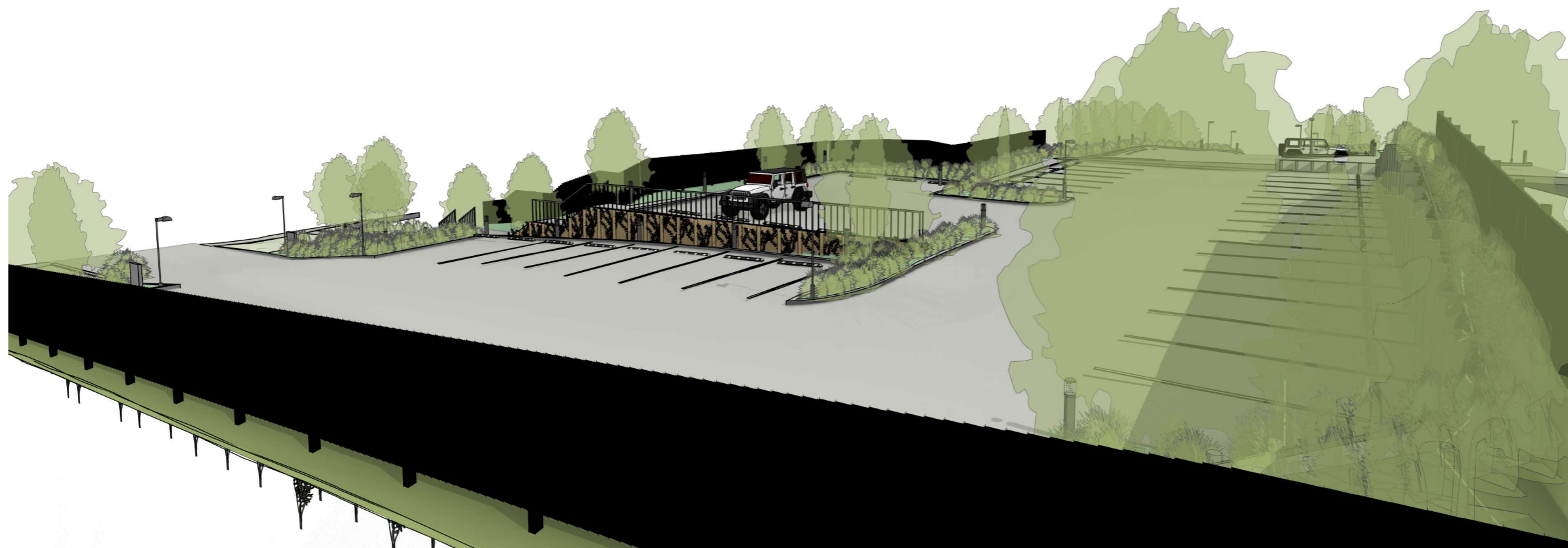
RESOURCE CONSENT

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PROJECT No. **F537**
 PLOT DATE. **25/09/2023 2:06:48 pm**



PEDESTRIAN LINK
 SCALE @ A3 - | SCALE @ A1 - DOUBLE SCALE



ADJOINING PROPERTY
 SCALE @ A3 - | SCALE @ A1 - DOUBLE SCALE

NO.	DESCRIPTION	DATE
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EXISTING VEGETATION

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

RESOURCE CONSENT

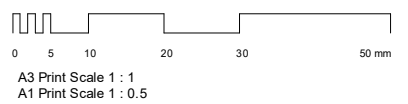
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PROJECT No. **F537**
 PLOT DATE. **13/10/2023 8:44:42 am**

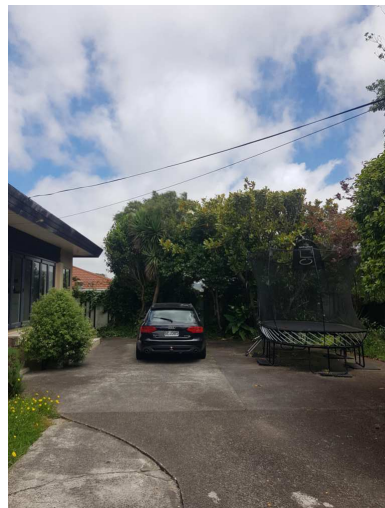
NO.	DESCRIPTION	DATE
3	Full Set Issued For RC Notification'	11/10/23

Site Information

Rainfall Intensity: 50 mm/h
 Climate Zone: 2
 Corrosion Zone: C
 Legal Description: LEGAL DESCRIPTION
 Wind Zone: HIGH
 NZBC E2 Compliance: Compliance with NZBC E2 is by means of NZBC E2 AS1. Refer Risk Matrix provided.



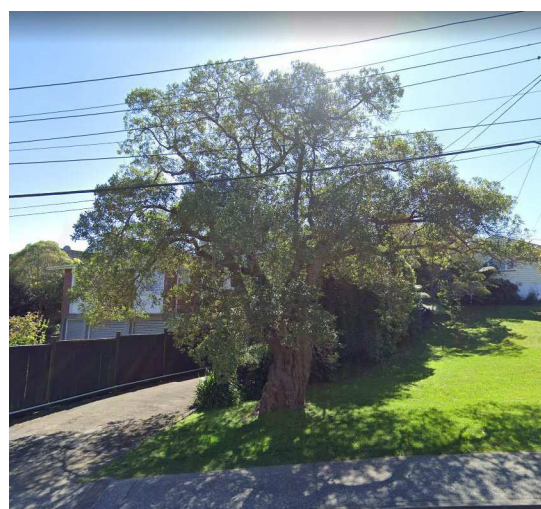
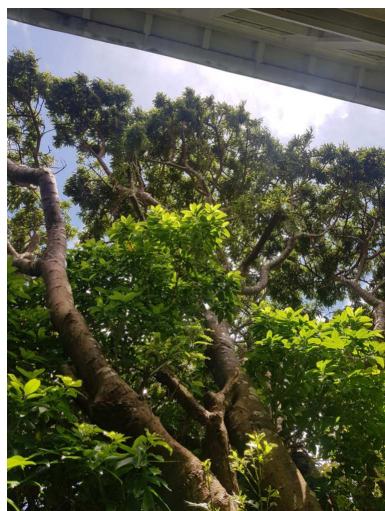
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Existing Vegetation to be retained (a)
Where site works permit



Existing Vegetation to be retained (b)
Where site works permit



Existing Vegetation to be retained (c)

- Proposed Planting Area
- Specimen Trees
- Trees to be retained



VEGETATION TO BE RETAINED
 SCALE @ A3 - 1 : 500 | SCALE @ A1 - DOUBLE SCALE

PROPOSED LANDSCAPE PLAN

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

RESOURCE CONSENT

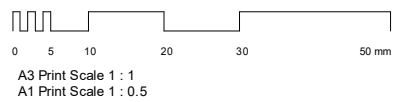
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PROJECT No. **F537**
 PLOT DATE. **13/10/2023 8:44:55 am**

NO.	DESCRIPTION	DATE
3	Full Set Issued For RC Notification'	11/10/23
2	Planting & Lighting updates to co-ordinate with render	22/09/2023
1	Sinage added to plans updated planting plans	8/09/2023

Site Information

Rainfall Intensity: 50 mm/h
 Climate Zone: 2
 Corrosion Zone: C
 Legal Description: LEGAL DESCRIPTION
 Wind Zone: HIGH
 NZBC E2 Compliance: Compliance with NZBC E2 is by means of NZBC E2 AS1. Refer Risk Matrix provided.



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- Existing R.O.W
- Proposed Planting Area
- Specimen Trees
- Retaining Wall
- Acoustic Wall
- Safety Railing
- Crash Barrier
- TB** Trolley Bay

PROPOSED LANDSCAPE PLAN
 SCALE @ A3 - 1 : 500 | SCALE @ A1 - DOUBLE SCALE

PROPOSED LIGHTING PLAN

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

RESOURCE CONSENT

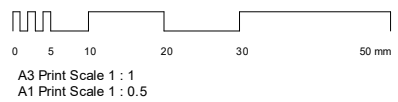
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PROJECT No. **F537**
 PLOT DATE. **13/10/2023 8:45:07 am**

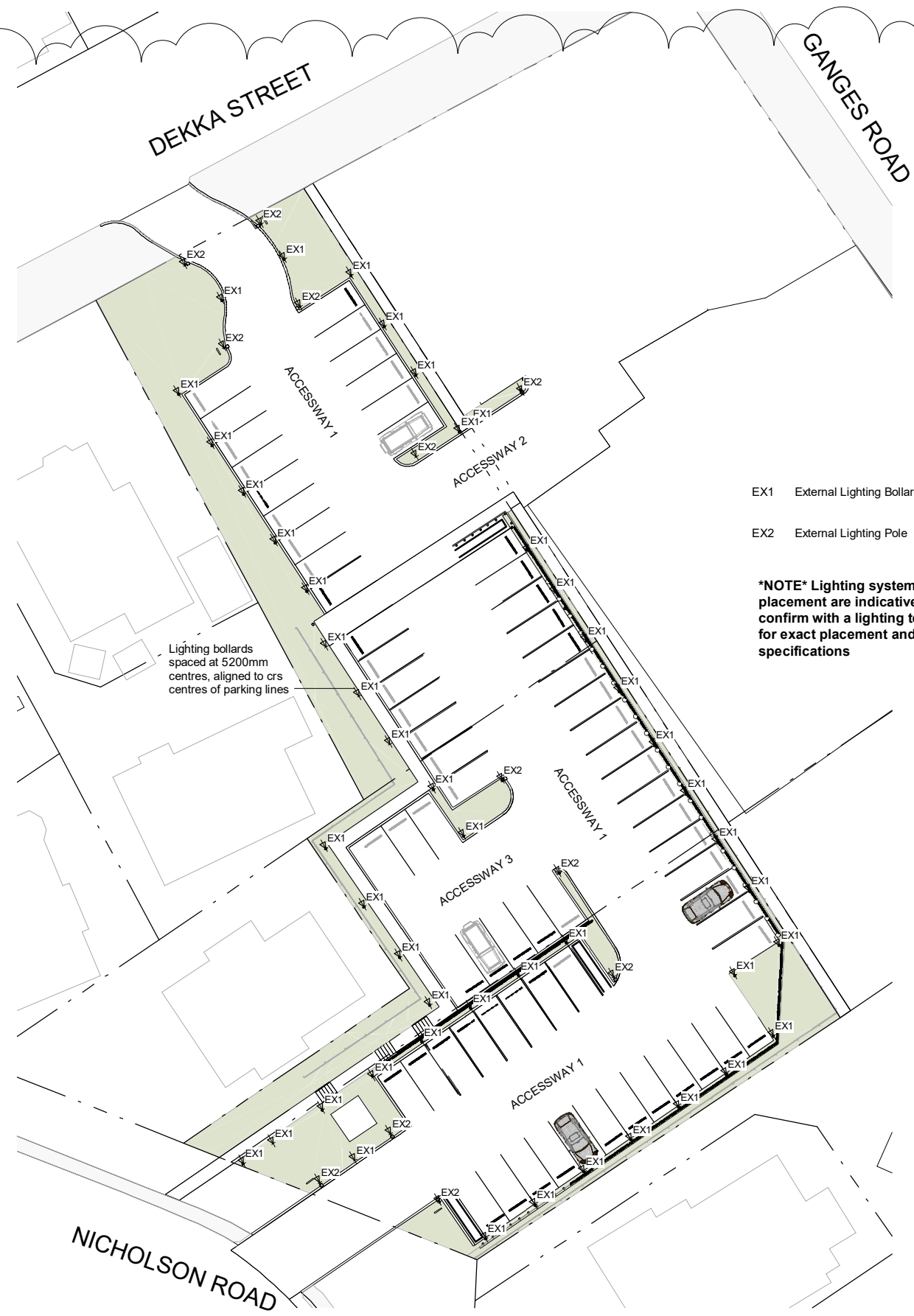
NO.	DESCRIPTION	DATE
3	Full Set Issued For RC Notification'	11/10/23
2	Planting & Lighting updates to co-ordinate with render	22/09/2023

Site Information

Rainfall Intensity: 50 mm/h
 Climate Zone: 2
 Corrosion Zone: C
 Legal Description: LEGAL DESCRIPTION
 Wind Zone: HIGH
 NZBC E2 Compliance: Compliance with NZBC E2 is by means of NZBC E2 AS1. Refer Risk Matrix provided.



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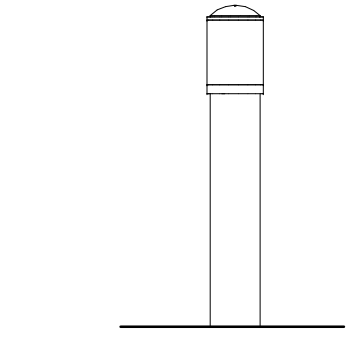


- EX1 External Lighting Bollard
- EX2 External Lighting Pole

NOTE Lighting systems and placement are indicative only, confirm with a lighting technician for exact placement and specifications

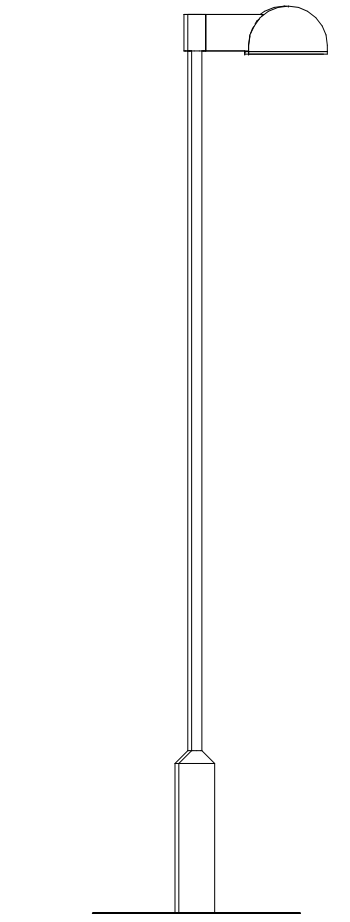
Lighting bollards spaced at 5200mm centres, aligned to crs centres of parking lines

PROPOSED LANDSCAPE LIGHTING PLAN
 SCALE @ A3 - 1 : 500 | SCALE @ A1 - DOUBLE SCALE



External Lighting - Bollard
 SCALE @ A3 - 1 : 25 | SCALE @ A1 - DOUBLE SCALE

NOTE Lighting systems and placement are indicative only, confirm with a lighting technician for exact placement and specifications



External Lighting - Pole
 SCALE @ A3 - 1 : 25 | SCALE @ A1 - DOUBLE SCALE

L102 REV.3

PROPOSED PLANTING PLAN

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

RESOURCE CONSENT

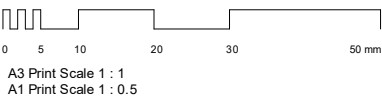
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PROJECT No. **F537**
 PLOT DATE. **13/10/2023 8:45:15 am**

NO.	DESCRIPTION	DATE
3	Full Set Issued For RC Notification'	11/10/23
2	Planting & Lighting updates to co-ordinate with render	22/09/2023
1	Signage added to plans updated planting plans	8/09/2023

Site Information

Rainfall Intensity: 50 mm/h
 Climate Zone: 2
 Corrosion Zone: C
 Legal Description: LEGAL DESCRIPTION
 Wind Zone: HIGH
 NZBC E2 Compliance: Compliance with NZBC E2 is by means of NZBC E2 AS1. Refer Risk Matrix provided.



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NORTH PROPOSED PLANTING

FOODSTUFFS NORTH ISLAND
F537 NEW WORLD KHANDALLAH
26 GANGES ROAD

RESOURCE CONSENT

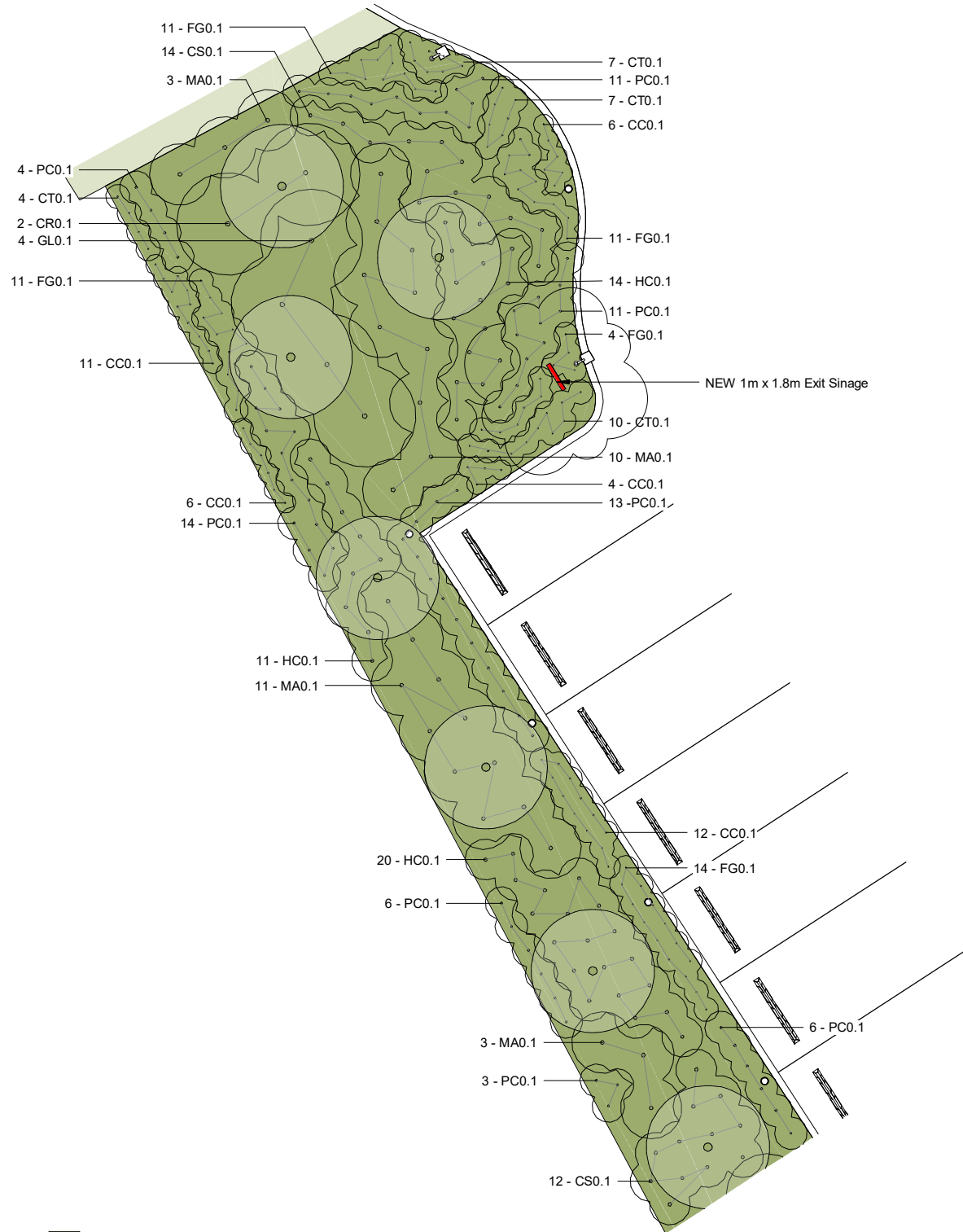
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PROJECT No. **F537**

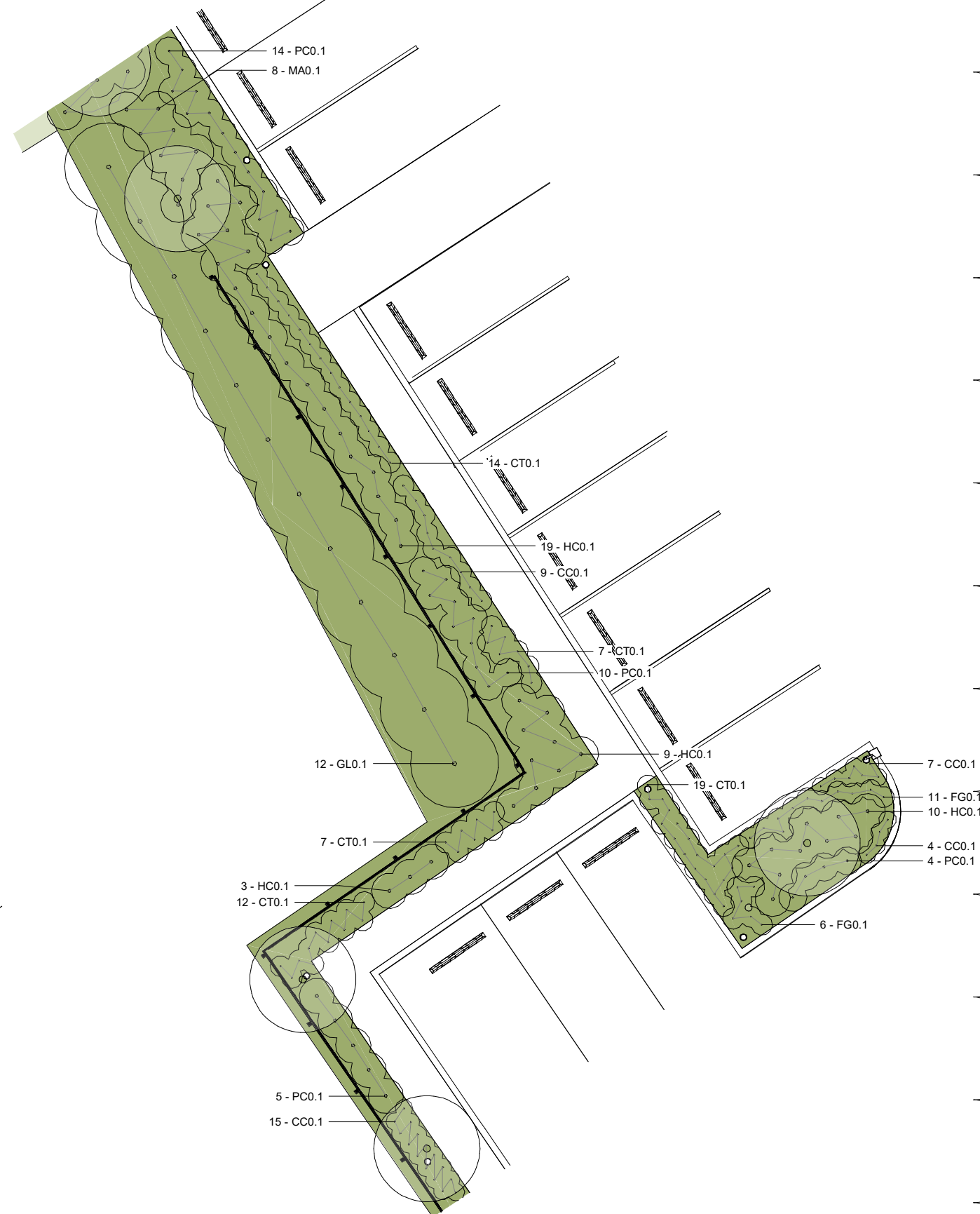
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NO.	DESCRIPTION	DATE
3	Full Set Issued For RC Notification'	11/10/23
2	Planting & Lighting updates to co-ordinate with render	22/09/2023
1	Sinage added to plans updated planting plans	8/09/2023

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Napier	+64 6 835 6173	np@dgse.co.nz
Auckland	+64 9 976 8288	ak@dgse.co.nz



North-West Planting
SCALE @ A3-1 : 150 | SCALE @ A1 - DOUBLE SCALE



West Planting
SCALE @ A3-1 : 150 | SCALE @ A1 - DOUBLE SCALE

- Proposed Planting Area
- Parthenocissus Quinquefolia
- Phormium 'Emerald Green'
- Specimen Trees
- Retaining Wall

EAST PROPOSED PLANTING

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

RESOURCE CONSENT

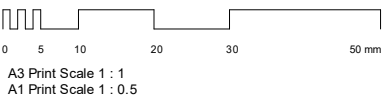
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PROJECT No. **F537**
 PLOT DATE. **13/10/2023 8:45:21 am**

NO.	DESCRIPTION	DATE
3	Full Set Issued For RC Notification'	11/10/23
2	Planting & Lighting updates to co-ordinate with render	22/09/2023
1	Sinage added to plans updated planting plans	8/09/2023

Site Information

Rainfall Intensity: 50 mm/h
 Climate Zone: 2
 Corrosion Zone: C
 Legal Description: LEGAL DESCRIPTION
 Wind Zone: HIGH
 NZBC E2 Compliance: Compliance with NZBC E2 is by means of NZBC E2 AS1. Refer Risk Matrix provided.



Wellington +64 4 920 0032 wn@dgse.co.nz
 Palmerston North +64 6 357 4534 pn@dgse.co.nz
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 Napier +64 6 835 6173 np@dgse.co.nz
 Auckland +64 9 976 8288 ak@dgse.co.nz



- Proposed Planting Area
- Parthenocissus Quinquefolia
- Phormium 'Emerald Green'
- Specimen Trees

Retaining Wall
North-East Planting
 SCALE @ A3-1 : 150 | SCALE @ A1 - DOUBLE SCALE

East Entrance Boundary Planting
 SCALE @ A3-1 : 150 | SCALE @ A1 - DOUBLE SCALE

SOUTH ENTRANCE PROPOSED PLANTING

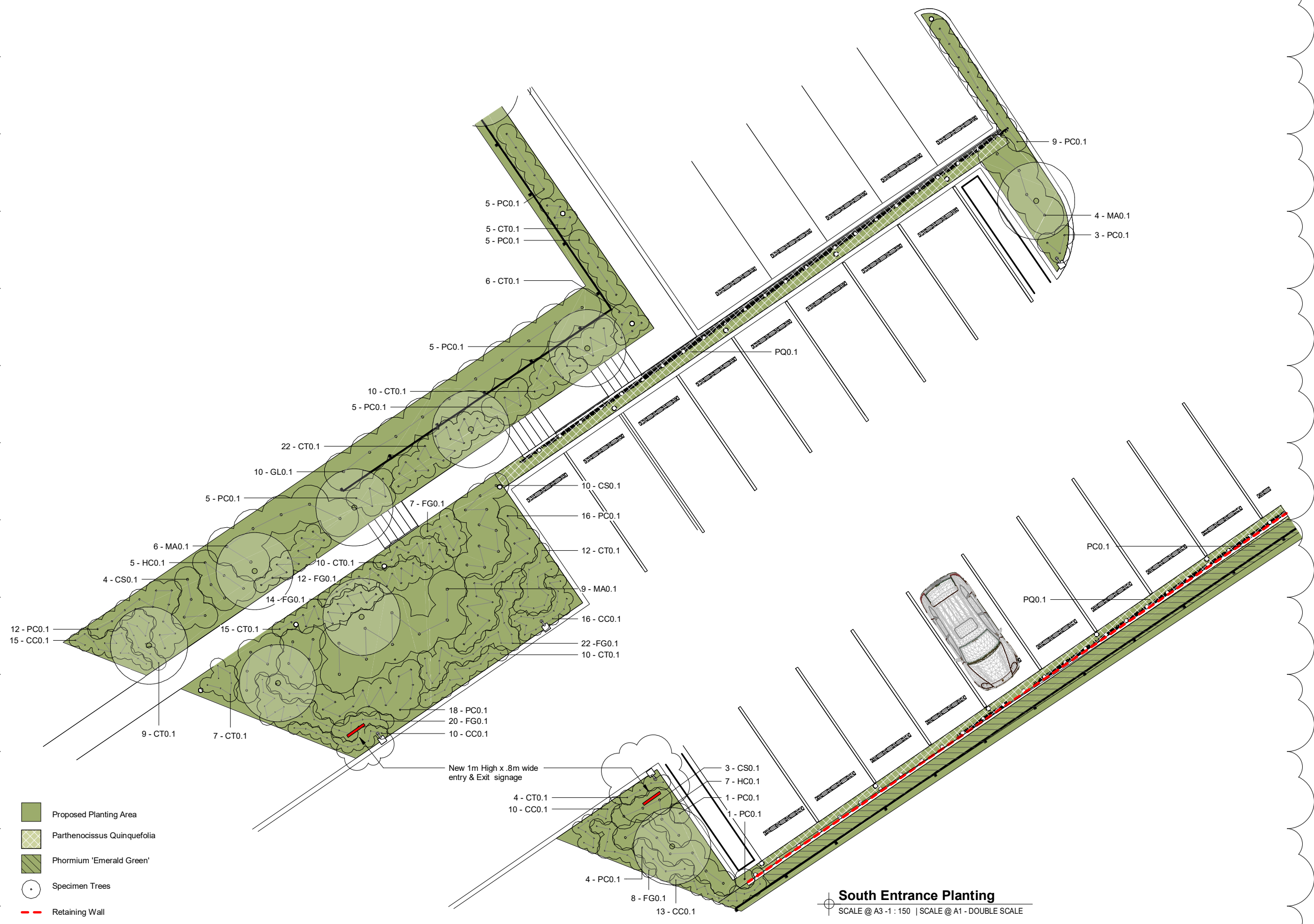
FOODSTUFFS NORTH ISLAND
F537 NEW WORLD KHANDALLAH
26 GANGES ROAD

RESOURCE CONSENT

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PROJECT No. **F537**
PLOT DATE. **13/10/2023 8:45:25 am**

NO.	DESCRIPTION	DATE
3	Full Set Issued For RC Notification'	11/10/23
2	Planting & Lighting updates to co-ordinate with render	22/09/2023
1	Signage added to plans updated planting plans	8/09/2023



SOUTH CORNER PROPOSED PLANTING

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

RESOURCE CONSENT

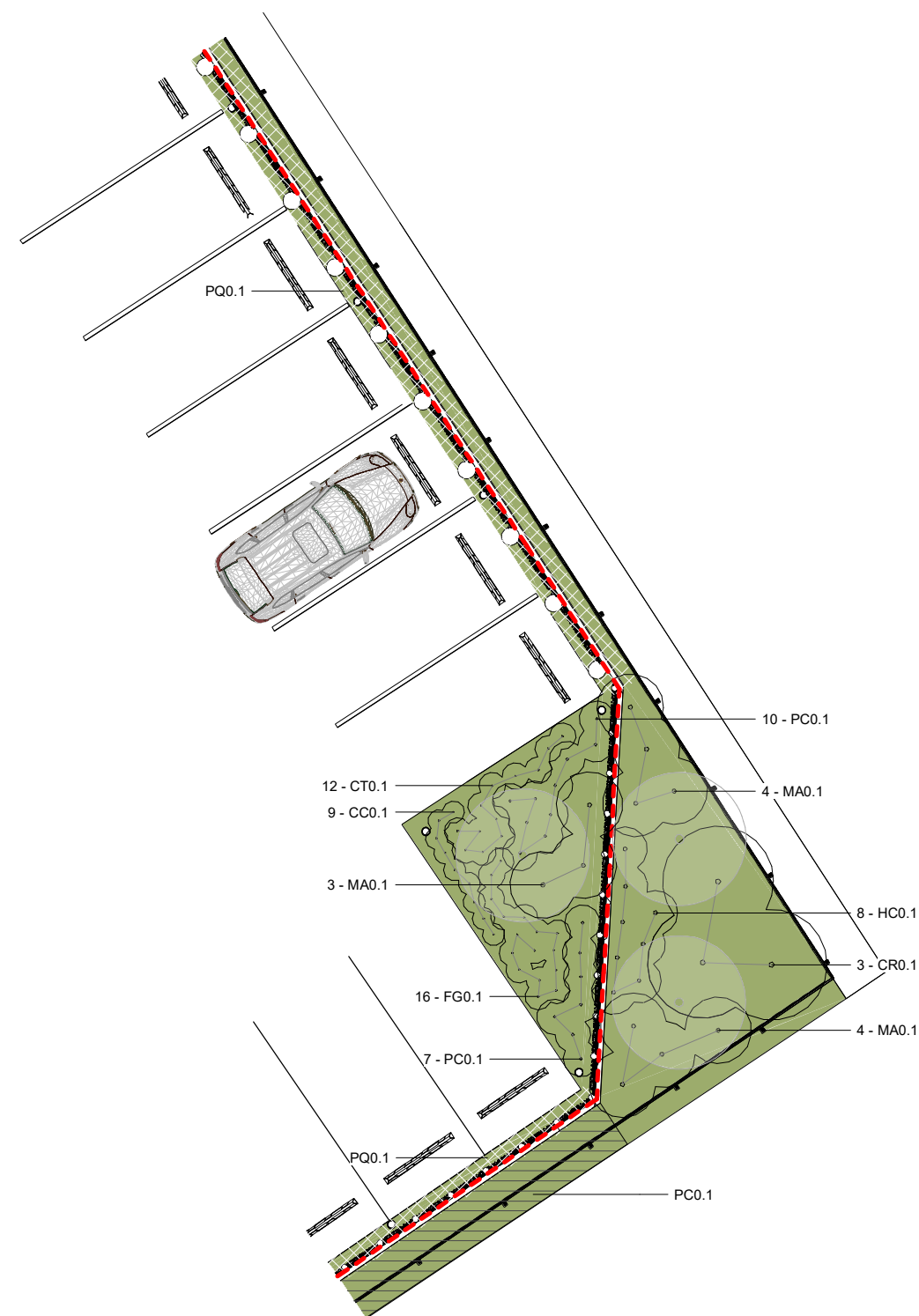
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PROJECT No. **F537**






PLOT DATE. **13/10/2023 8:45:30 am**

NO.	DESCRIPTION	DATE
3	Full Set Issued For RC Notification'	11/10/23
2	Planting & Lighting updates to co-ordinate with render	22/09/2023

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South-East Corner Planting
 SCALE @ A3-1 : 150 | SCALE @ A1 - DOUBLE SCALE

-  Proposed Planting Area
-  Parthenocissus Quinquefolia
-  Phormium 'Emerald Green'
-  Specimen Trees
-  Retaining Wall

PLANTING SCHEDULE AND TYPICAL DETAILS

FOODSTUFFS NORTH ISLAND
F537 NEW WORLD KHANDALLAH
26 GANGES ROAD

RESOURCE CONSENT

Contractors shall verify all dimensions on site before commencing work. Do not scale from the drawings. If in doubt ask. Copyright of this drawing is vested in Designgroup Stapleton Elliott.

PROJECT No. **F537**

PLOT DATE. **13/10/2023 8:45:30 am**

NO.	DESCRIPTION	DATE
3	Full Set Issued For RC Notification'	11/10/23
2	Planting & Lighting updates to co-ordinate with render	22/09/2023

Plant Schedule

ID	Latin Name	Common Name	Spacings	Mix	Size	Total Quantity
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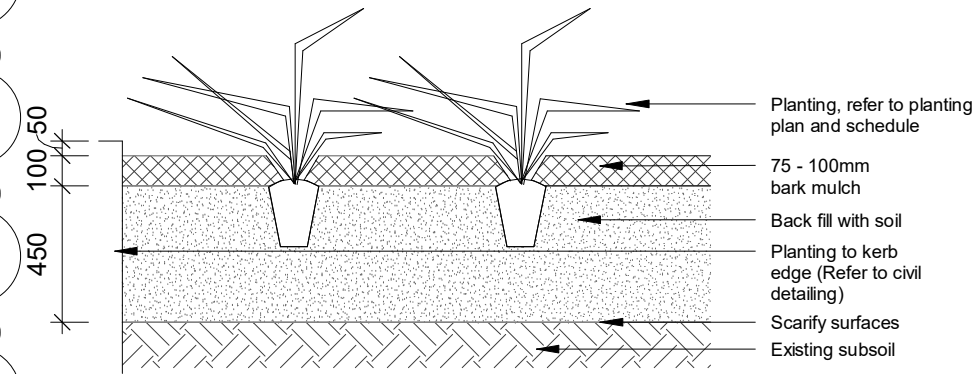
Climber						
PQ0.1	<i>Parthenocissus Quinquefolia</i>	Virgina creeper	1000mm		PB5	100

Grasses/Tussocks						
CC0.1	<i>Carex comans</i>	Frosted Curly'	250mm		PB2	169
CS0.1	<i>Coleonema</i>	Sunset Gold'	500mm		PB5	67
CT0.1	<i>Carex testacea</i>	Orange Sedge	300mm		PB5	269
FG0.1	<i>Festuca glauca</i>	Blue Tussock	300mm		PB2	200
						705

Low Planting						
MA0.1	<i>Muhlenbeckia astonii</i>	Shrubby Tororaro	750mm		PB20	71
PC0.1	<i>Phormium cookianum 'Emerald Green'</i>	Dwarf Mountain Flax	400mm		PB5	296
						367

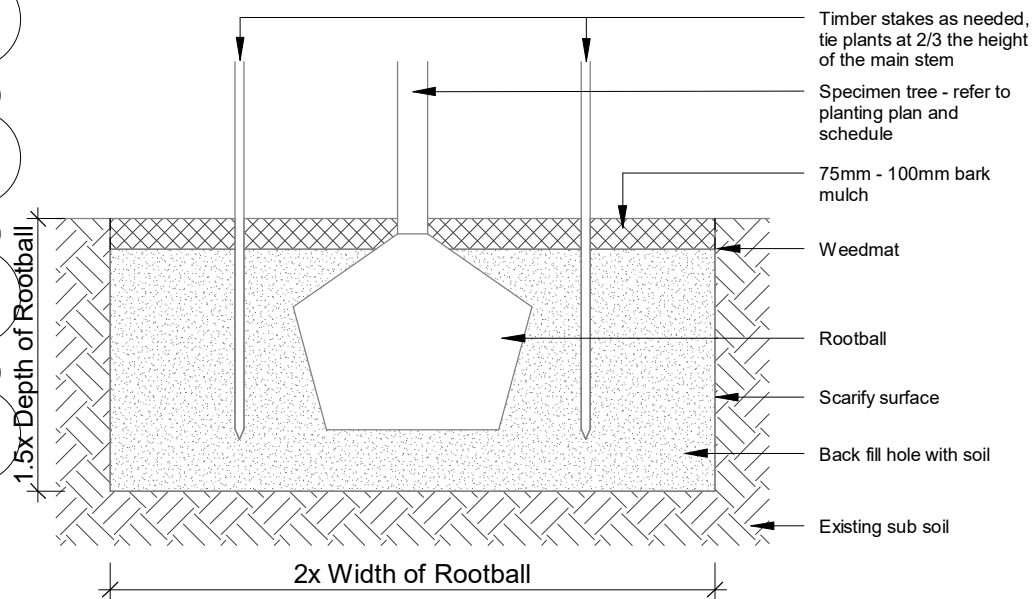
Hedges						
CRO.1	<i>Coprosma repens</i>	Taupata	1250mm		PB20	5
GLO.1	<i>Griselinia littoralis</i>	Kapuka	1250mm		PB20	29
HCO.1	<i>Hebe cupressoides</i>	Cypress Hebe	500mm		PB20	81
						115

Specimen Trees						
MA0.2	<i>Myrsine australis</i>	Māpou	1500mm		PB60	7
PL0.1	<i>Pseuduopanax laetus</i>	5 Finger	1500mm		PB60	5
ST0.1	<i>Sophora tetrapetra</i>	North Island Kowhai	1500mm		PB60	12
						24



Typical Planting Detail

SCALE @ A3 - 1 : 25 | SCALE @ A1 - DOUBLE SCALE



Typical Tree Detail

SCALE @ A3 - 1 : 25 | SCALE @ A1 - DOUBLE SCALE

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ACOUSTIC FENCING ELEVATIONS

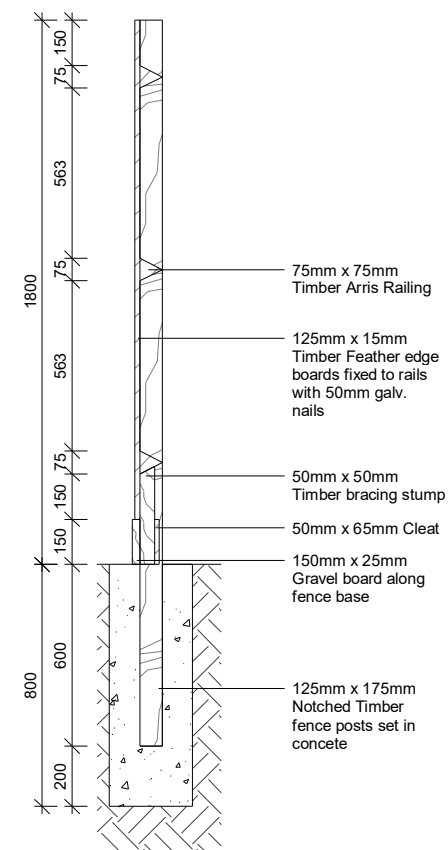
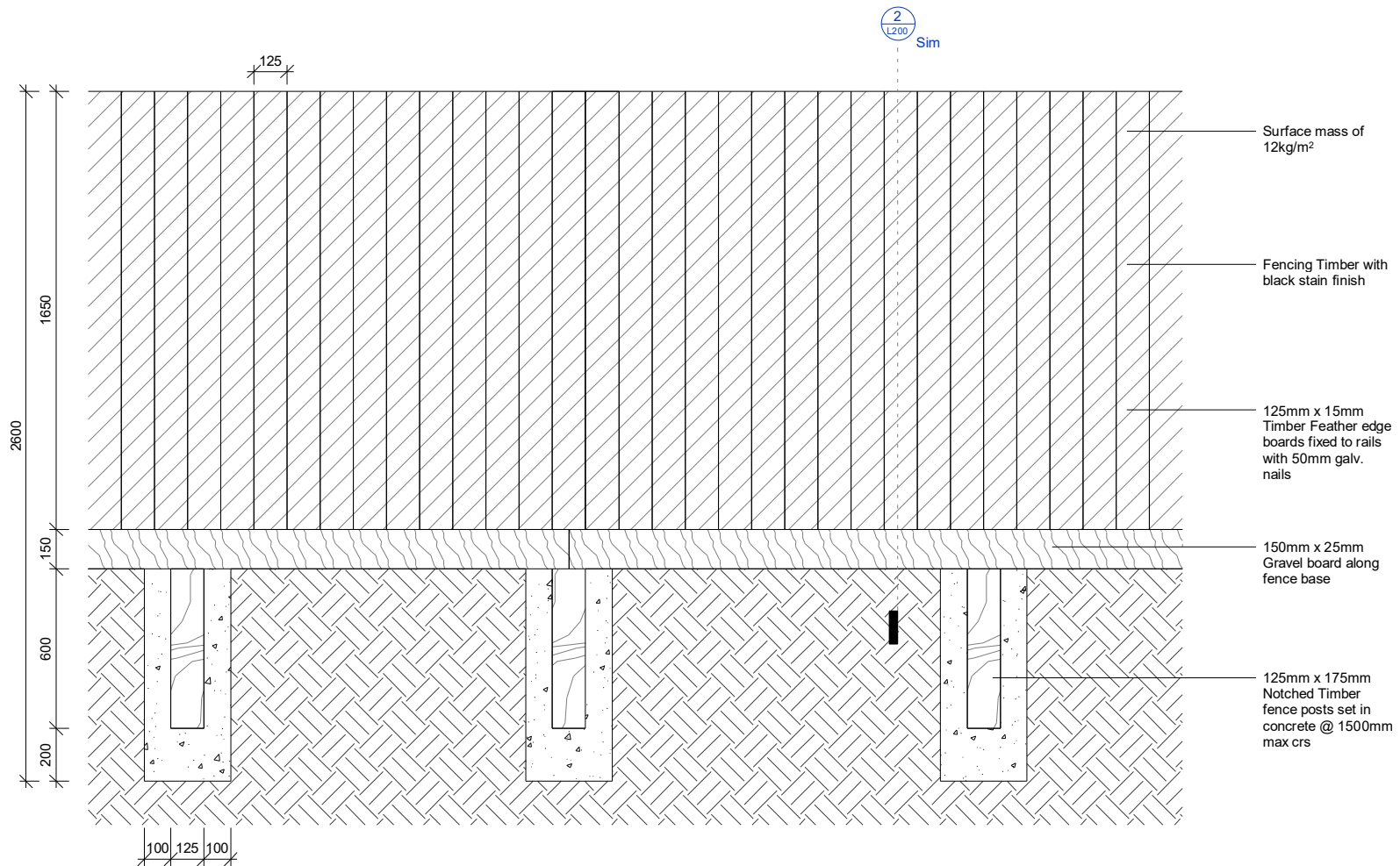
FOODSTUFFS NORTH ISLAND
F537 NEW WORLD KHANDALLAH
26 GANGES ROAD

RESOURCE CONSENT

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PLOT DATE. **13/10/2023 8:45:30 am**

NO.	DESCRIPTION	DATE
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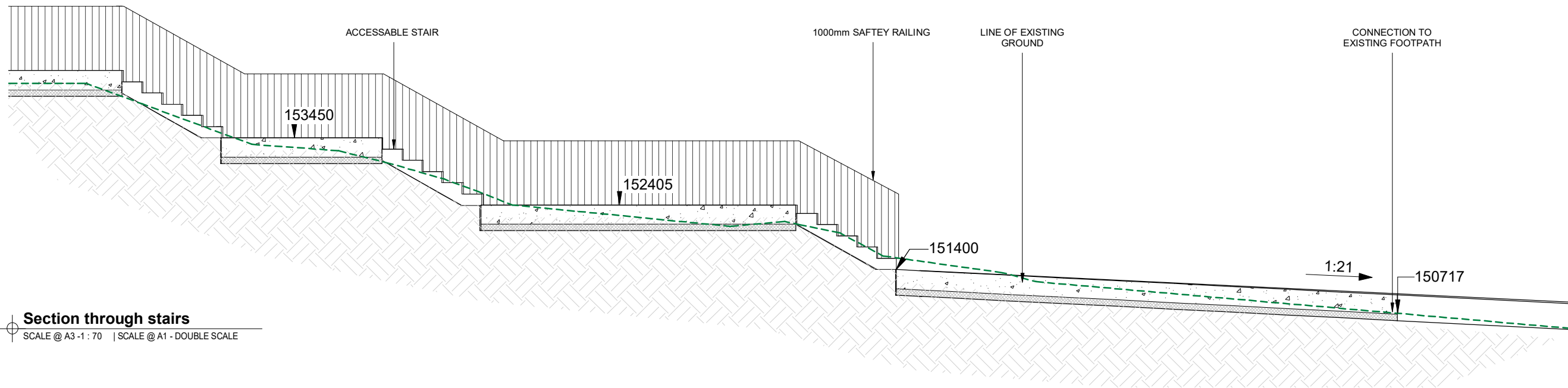
STAIR & ACCESS WAY SECTION

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

RESOURCE CONSENT

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PROJECT No. **F537**
 PLOT DATE. **13/10/2023 8:45:30 am**

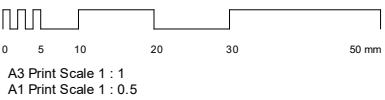


Section through stairs
 SCALE @ A3-1: 70 | SCALE @ A1 - DOUBLE SCALE

NO.	DESCRIPTION	DATE
3	Full Set Issued For RC Notification'	11/10/23

Site Information

Rainfall Intensity: 50 mm/h
 Climate Zone: 2
 Corrosion Zone: C
 Legal Description: LEGAL DESCRIPTION
 Wind Zone: HIGH
 NZBC E2 Compliance: Compliance with NZBC E2 is by means of NZBC E2 AS1. Refer Risk Matrix provided.



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PLANTING PALETTE

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

RESOURCE CONSENT

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Climbers



Parthenocissus quinquefolia
Virginia Creeper

Grasses/Tussocks



Coleonema
Sunset Gold

Festuca glauca
Blue Tussock

Carex testacea
Orange Sedge

Carex comans
Frosted Curis

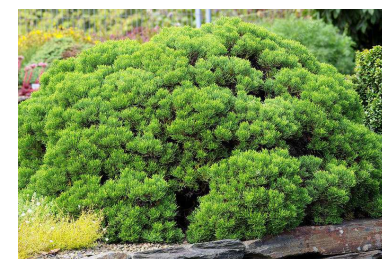
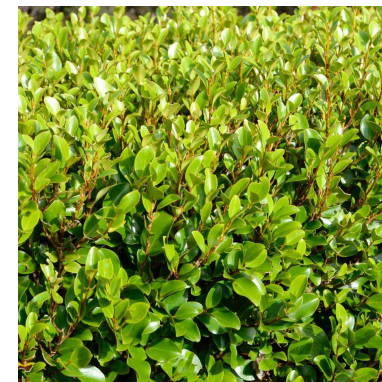
Low Planting



Phormium 'Emerald Green'
Dwarf Mountain Flax

Muhlenbeckia astonii
Shrubby Tororaro

Hedging



Grisilina littoralis
Kapuka

Hebe cupressioides
Cypress Hebe

Coprosma repens
Taupata

Specimen Trees



Sophora tetrapetra
North Island Kowhai

Myrsine australis
Māpou

Pseudopanax laetus
5 Finger

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EXISTING SPECIES

FOODSTUFFS NORTH ISLAND
 F537 NEW WORLD KHANDALLAH
 26 GANGES ROAD

RESOURCE CONSENT

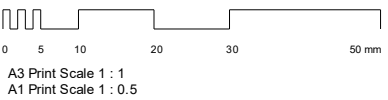
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PROJECT No. **F537**
 PLOT DATE. **13/10/2023 8:45:30 am**

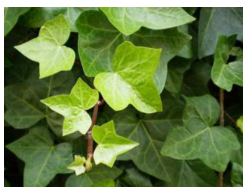
NO.	DESCRIPTION	DATE
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Site Information

Rainfall Intensity: 50 mm/h
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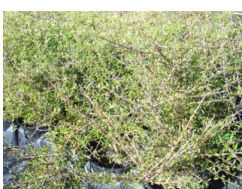
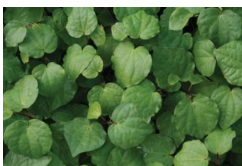


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Hedera helix
Ivy

Coleonema 'Sunset Gold'
Sunset Gold



Macropiper excelsum
Kawakawa

Hydrangea macrophylla
Hydrangea

Rhododendron arboreum
Rhododendron

Agapanthus praecox
Agapanthus

Coprosma propinqua
Mingimingi



Hebe stricta
Koromiko

Escalonia rubra
Red Knight

Cyathea medullaris
Mamuku

Griselina littoralis
Kapuka / Broadleaf

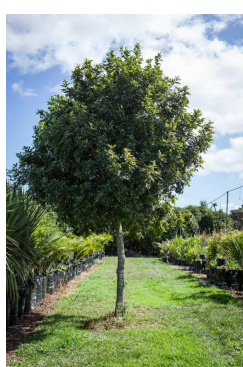
Coprosma repens
Taupata



Melicytus ramiflorus
Mahoe

Sophora tetrapetra
North Island Kowhai

Cordyline australis
Cabbage Tree

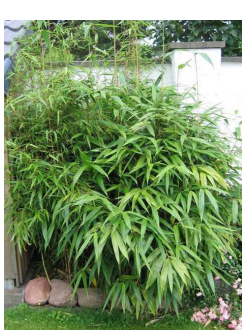
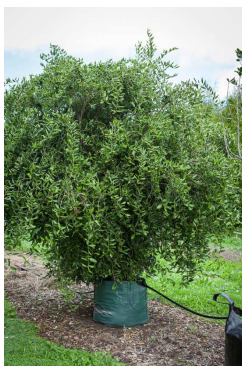


Myrsine australis
Māpou

Alectryon excelsus
Titoki

Pseudopanax laetus
5 Finger

Schefflera digitata
7 Finger

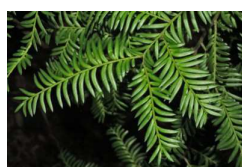


Streblus banksii
Large-leaved Milk Tree

Acer pseudoplatanus
Sycamore Maple

Pittosporum tenuifolium
Black matipo

Pseudosasa japonica
Bamboo



Alnus rubra
Red Alder

Prumnopitys ferruginea
Miro

Myoporum laetum
Ngao

Cupressus leylandii
Leyland's Cypress

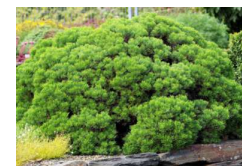


Fuchsia riccartonii
Fuchsia

Metrosideros excelsa
Pōhutukawa

Cupressus sempervirens
Mediterranean Cypress

Mertya sinclairii
Puka

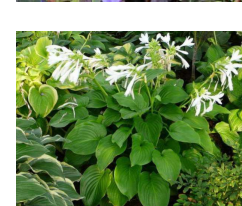
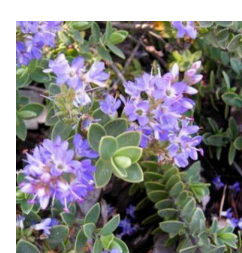


Hebe cupressoides
Cypress Hebe

Banksia integrifolia
Coastal Banksia

Tilia cordata
Little-leaved Linden

Salix fragilis
Crack Willow



Lavandula angustifolia
Lavender

Hebe inverey
Hebe

Hostea plantaginea
Plantain Lily