


Key Plan:



LUC60345670
 Approved Resource Consent Plan
 18/03/2020

General Notes:
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Rev	Description	Date
D	For Information- Governance Group Presentation Issue	2019-07-11
E	70% Detailed Design	2019-08-09
F	Resource Consent Issue	2019-08-20
G	Detailed Design 95% For Co-ordination	2019-08-23
H	Resource Consent Revised	2019-09-11

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 Wellington, NZ architects@studiopacific.co.nz

In association with:
**Studio J - Jason O'Hara
 Warren Maxwell**

Prepared For:



TBIG
 Dunning Thornton Consultants Rawlinsons
 eCubed Ltd Peers Brown Miller
 Woods Yeomans
 Les Boulton & Associates Ltd Boffa Miskell
 EN-GEO Clough and Associates

Project Title:
National Erebus Memorial

for
 Ministry for Culture and Heritage
 at
 Dove Myer-Robinson Park, Auckland
 Part Allotment 4 Section 2 Suburbs of Auckland
 (Recreation Reserve)

Resource Consent Revised

Layout Name:
**Cover
 Cover Page**


Job No.: Layout ID: Revision:
2494 A-00-01 H

‘Te Paerangi Ataata – Sky Song’

The horizon connects us, defying time and space.
 For here, in this ancient place, we are standing together.
 All the way south. We are connected.

Ahakoā te tāwhiti, kua tūhonongia a tāua e te pae nei.
 I tēnei wāhi onamata, e tū ana a tāua inaianei.
 Ki te tai tonga rā āno, kua tūhonongia a tāua.

Key Plan:

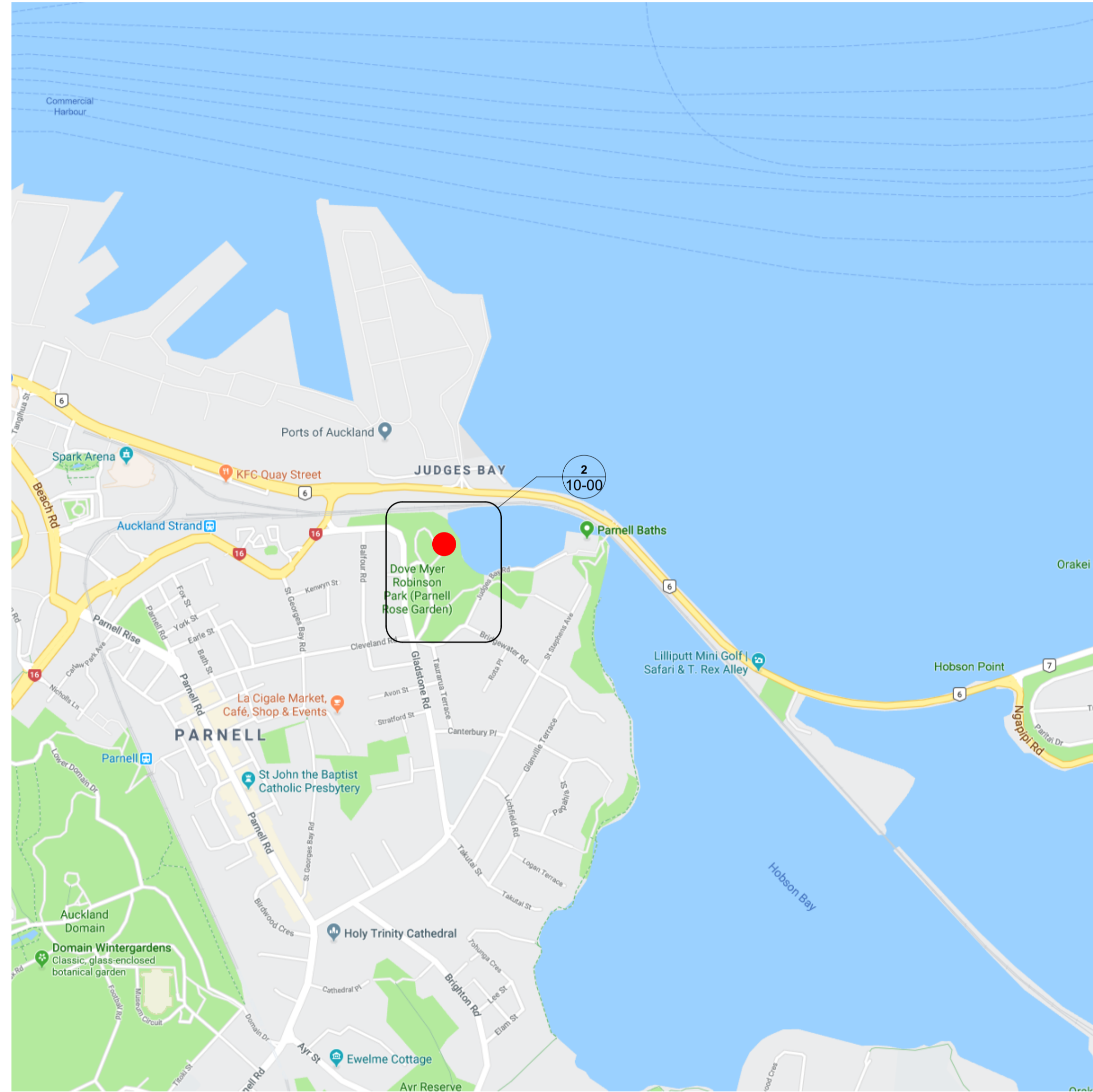


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SITE NOTES:
 Refer Civil Engineer for enabling works incl temporary haul road.

Site Setout to be established with Surveyor from identified setout points (CAD files will be made available for this purpose).



1 Site Location- map
 NTS

Image source: Googlemaps, June 2019



2 Site Location- aerial photograph
 NTS

Image source: Googlemaps, June 2019

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Resource Consent Revised

Layout Name:
Site Location Plan

Job No.: Layout ID: Revision:
2494 A-10-00 G

Printed: 13/09/19, 12:10 PM CAD Ref:2494 Erebus Memorial

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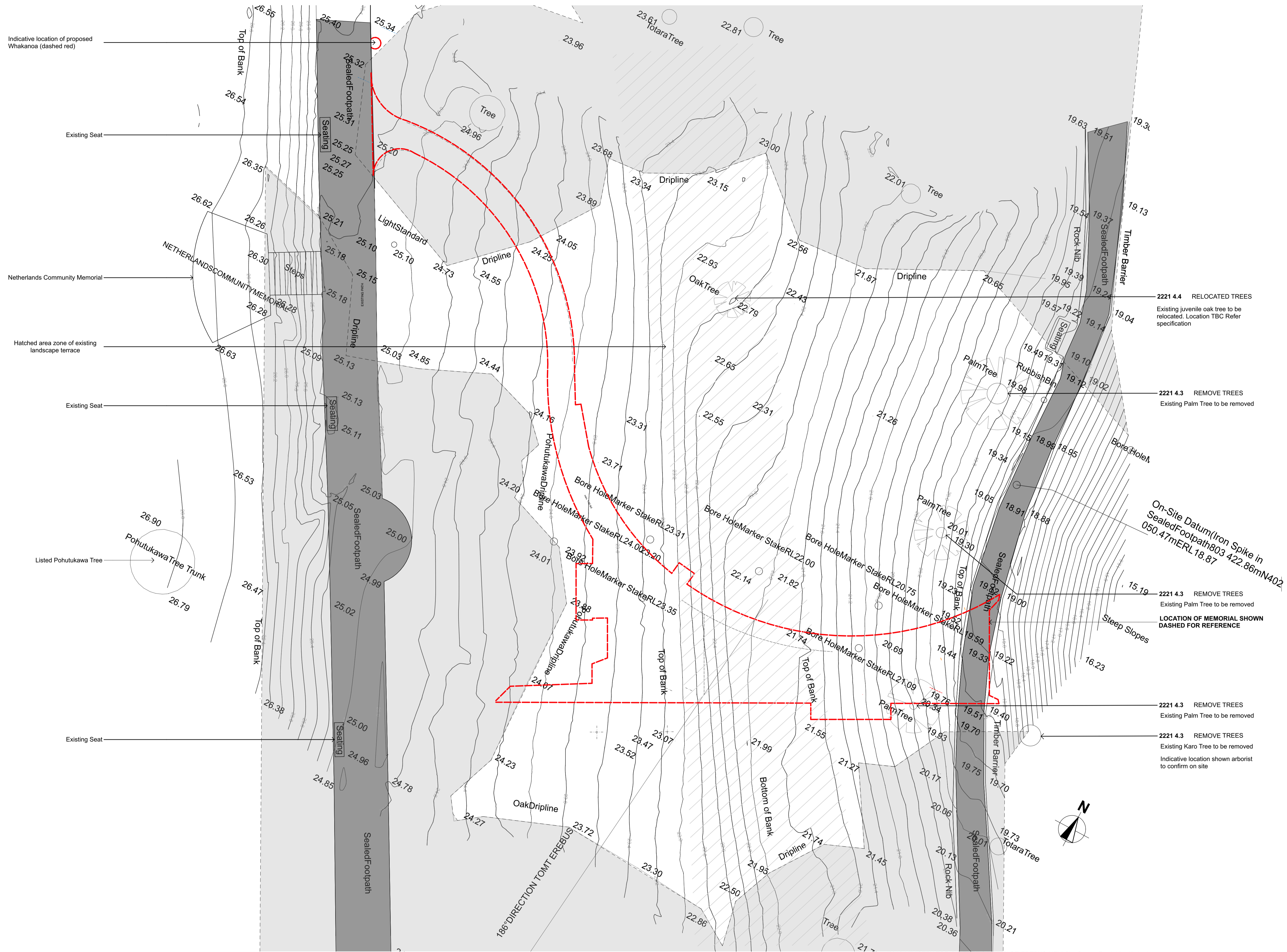
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Resource Consent Revised

Layout Name:
Site Existing Plan

Job No.: **2494** Layout ID: **A-10-01** Revision: **F**



2221 4.4 RELOCATED TREES
 Existing juvenile oak tree to be relocated. Location TBC Refer specification

2221 4.3 REMOVE TREES
 Existing Palm Tree to be removed

2221 4.3 REMOVE TREES
 Existing Palm Tree to be removed

LOCATION OF MEMORIAL SHOWN DASHED FOR REFERENCE

2221 4.3 REMOVE TREES
 Existing Palm Tree to be removed

2221 4.3 REMOVE TREES
 Existing Karo Tree to be removed
 Indicative location shown arborist to confirm on site

1 Site Plan Existing
 Scale 1:100

Survey info source: Yeomans '8216-MINISTRY FOR CULTURE & HERITAGE-EREBUS MEM-Site Survey RevA May19.dwg'

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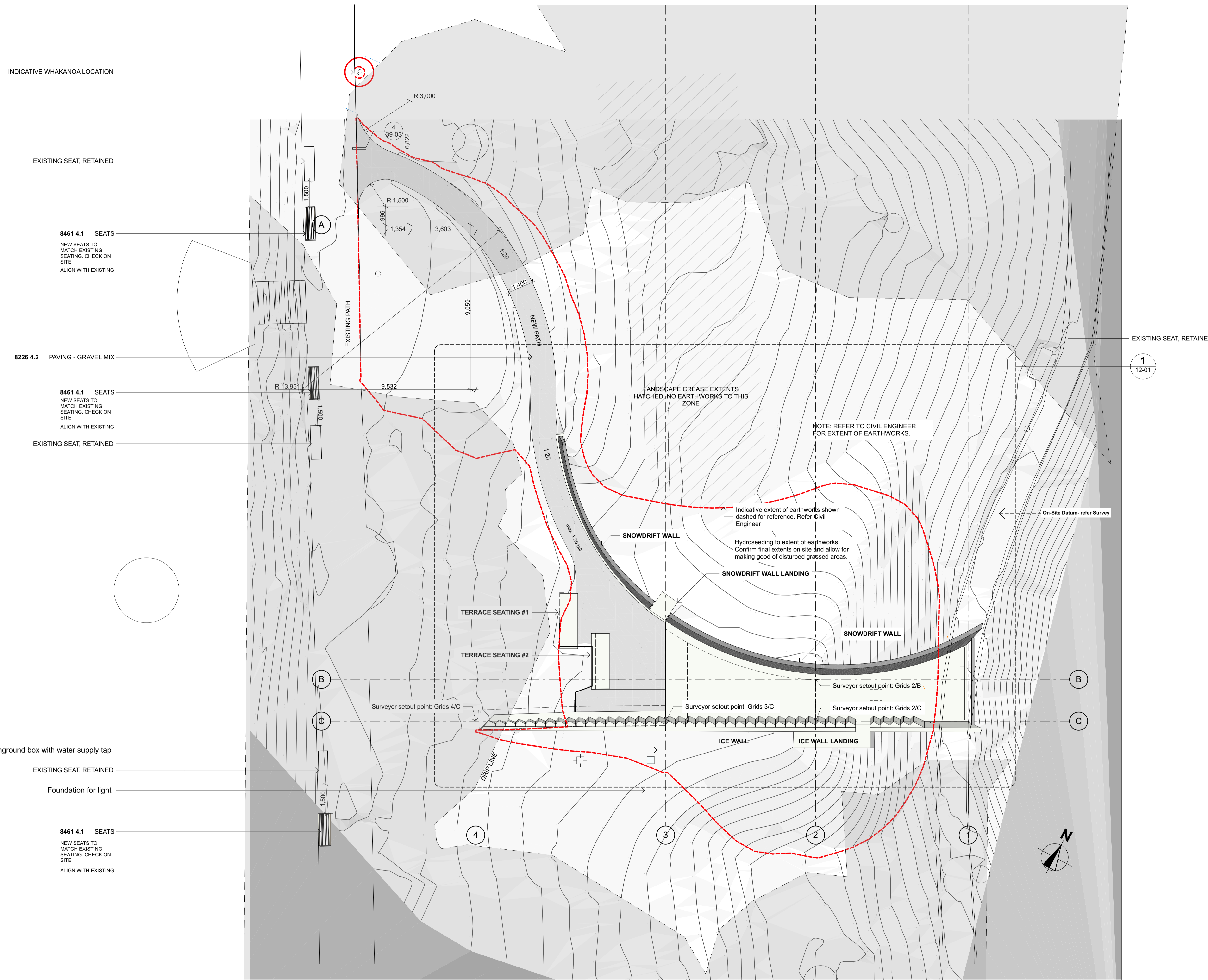
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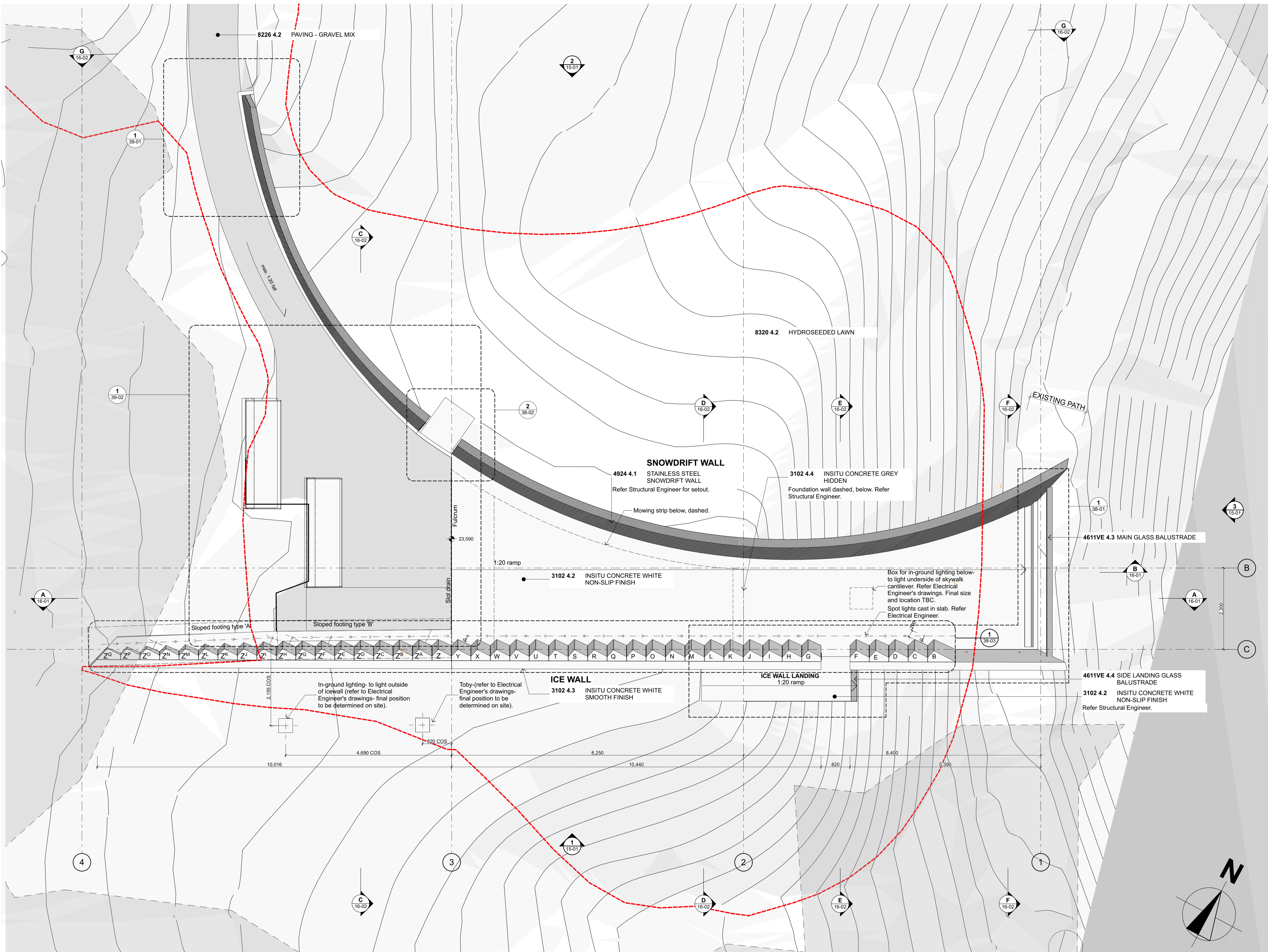
Layout Name:
Site Proposed Plan

Job No.: Layout ID: Revision:
2494 A-10-02 F



1 Site Plan Proposed
 Scale 1:100

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GA NOTES:
General:
 Drawings to be read in conjunction with Civil, Structural and Services Eng docs.
 Please clarify any discrepancies before proceeding.

Setout:
 Refer Structural Engineer for setout of Snowdrift wall and insitu concrete elements of IceWall.
 IceWall 'Shards' are setout as identified on 38-03.
 Setout of lighting elements to be confirmed on site.

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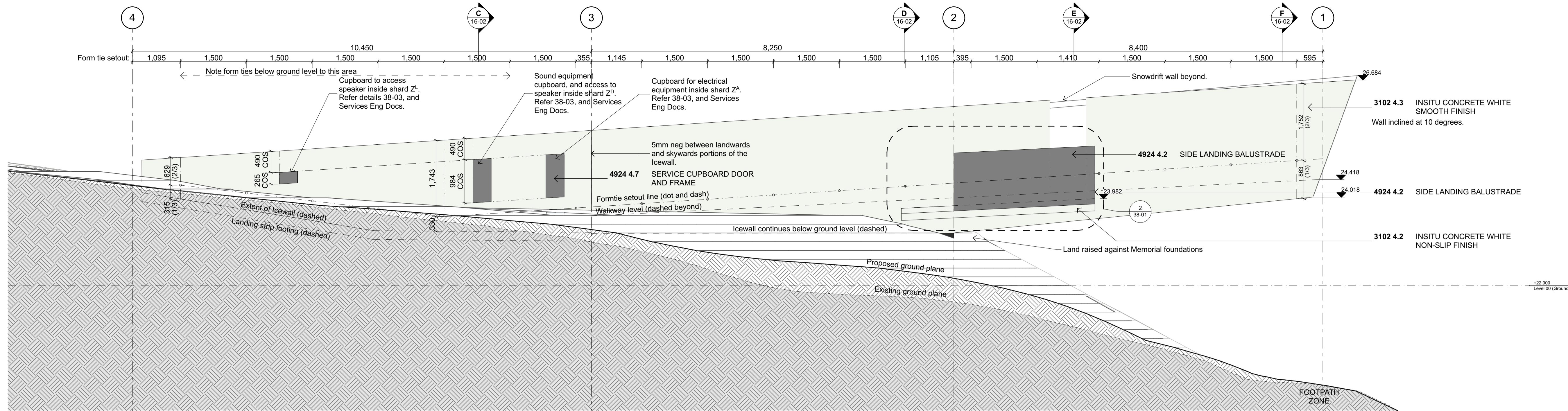
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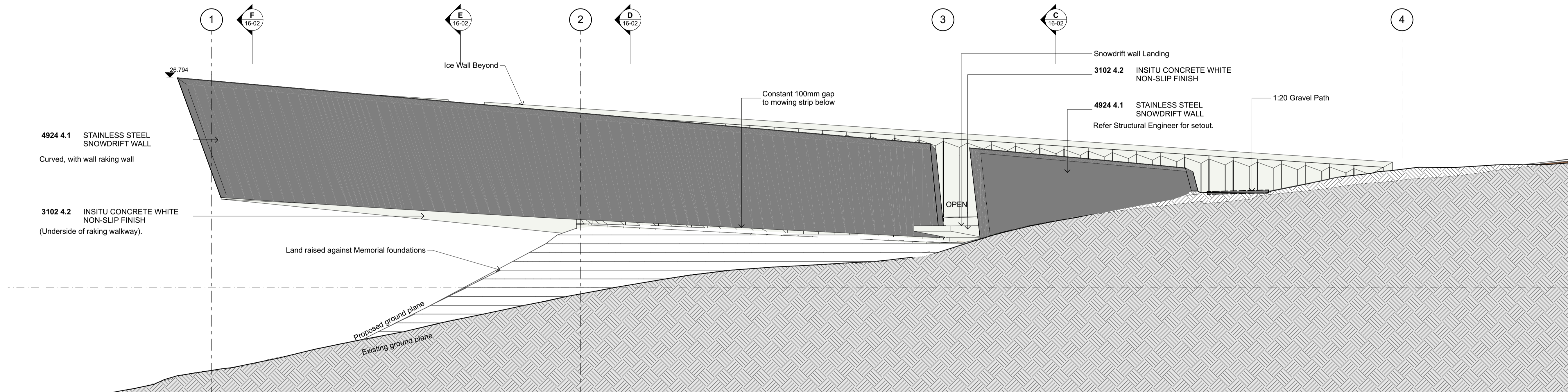
Resource Consent Revised

Layout Name:
**GA Plans
 Level 00 Plan**

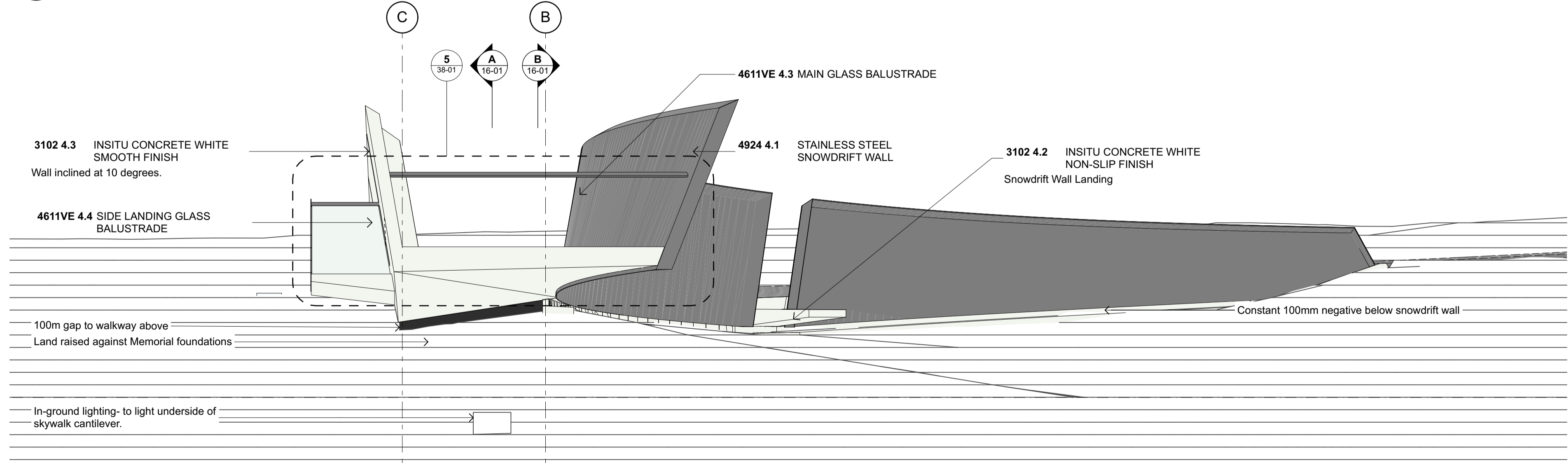
Job No.: **2494** Layout ID: **A-12-01** Revision: **H**



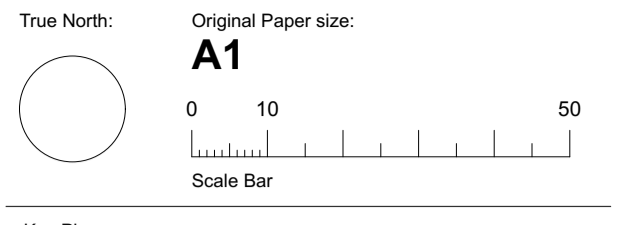
1 Elevation - South
12-01 Elevation



2 Elevation - North
12-01 Elevation



3 Elevation - East
12-01 Elevation



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ELEVATION NOTES:
Setout:
Refer Structural Engineer for setout of Snowdrift wall and insitu concrete elements of IceWall.
Key levels shown only.
Services Cupboard:
Confirm dimensions of services cupboard prior to fabrication.
Note dimensions shown vertically are not true dimensions (IceWall inclines 10 degrees).
Formtie locations:
Formtie preferred locations are shown. Please discuss any changes and confirm with Architect prior to fabrication. Note dimensions shown vertically are not true dimensions (IceWall inclines 10 degrees).

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Resource Consent Revised

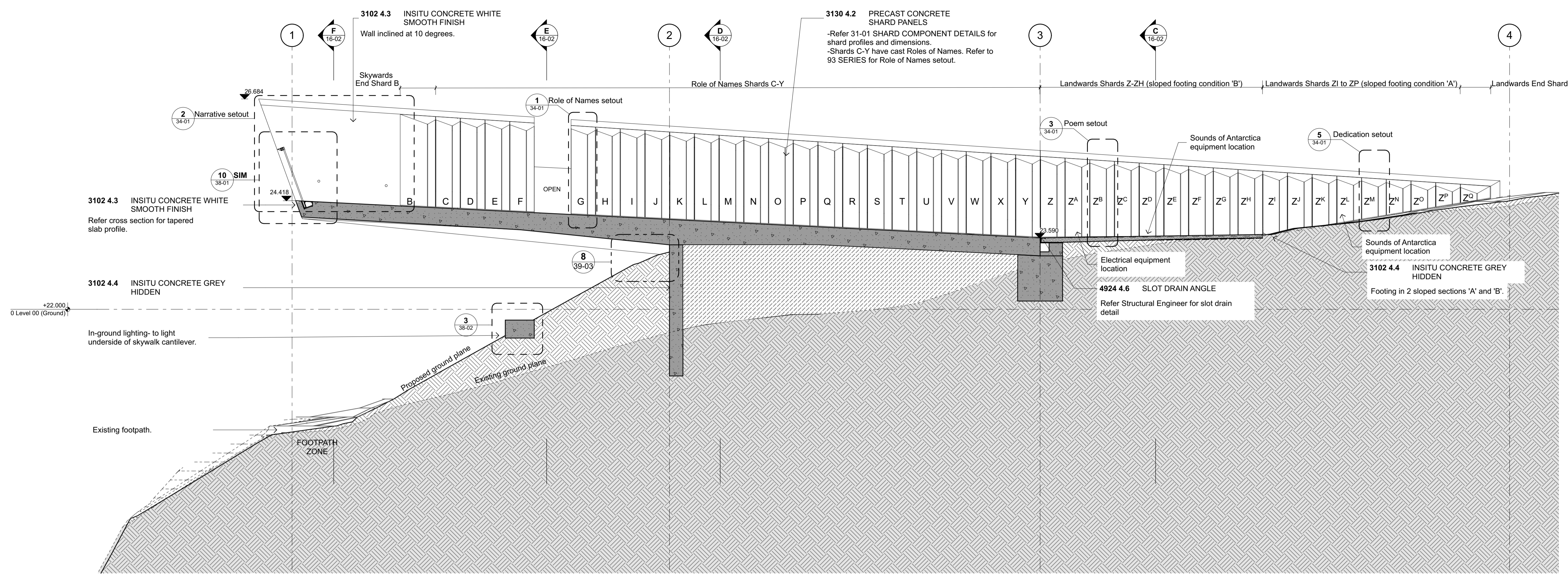
Layout Name:
GA Elevations
North, South Elevations

Job No.: **2494** Layout ID: **A-15-01** Revision: **H**

Printed: 13/09/19, 12:11 PM CAD Ref: 2494 Erebus Memorial

Notes:
 Refer Structural Engineer documentation for setout.

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A Long Section AA'
 12-01 Section 1:50

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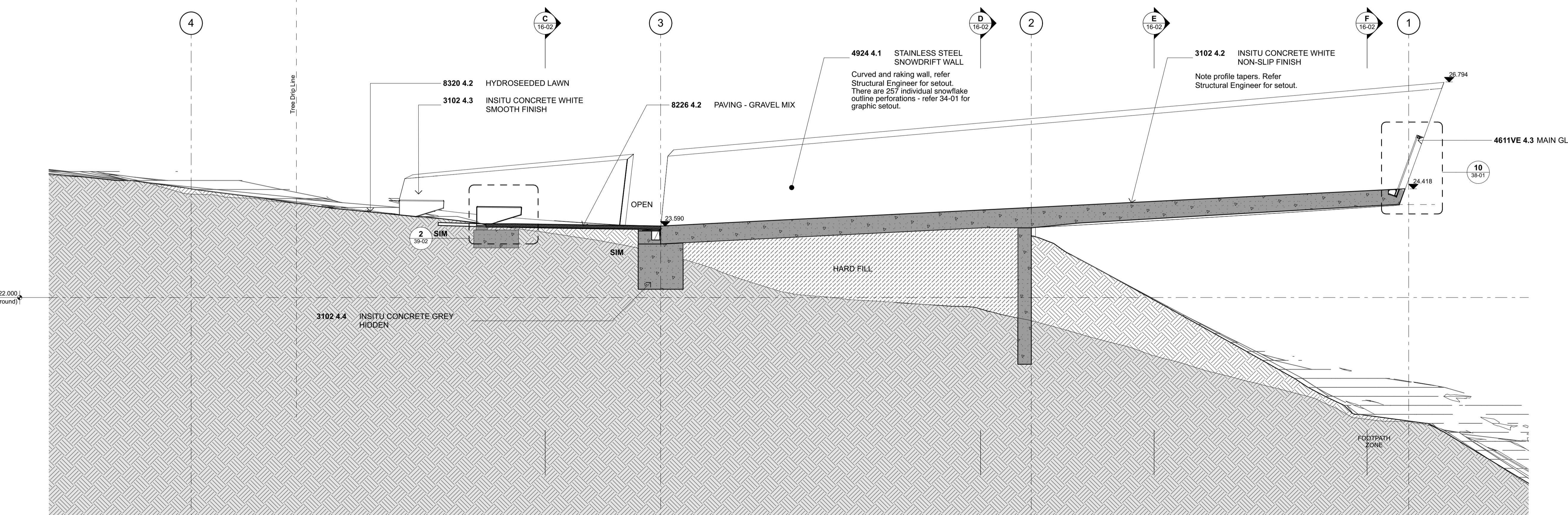
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Layout Name:
GA Sections
Long Sections

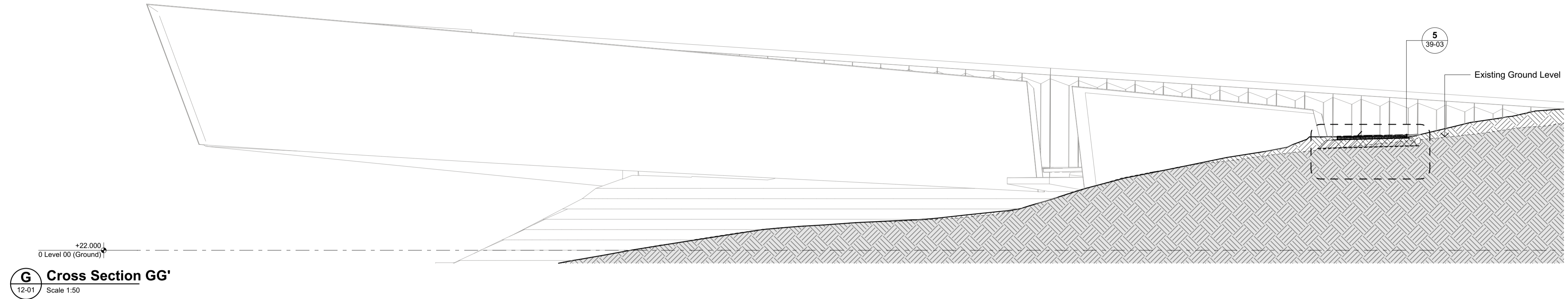
Job No.: **2494 A-16-01** Layout ID: **H** Revision:
H



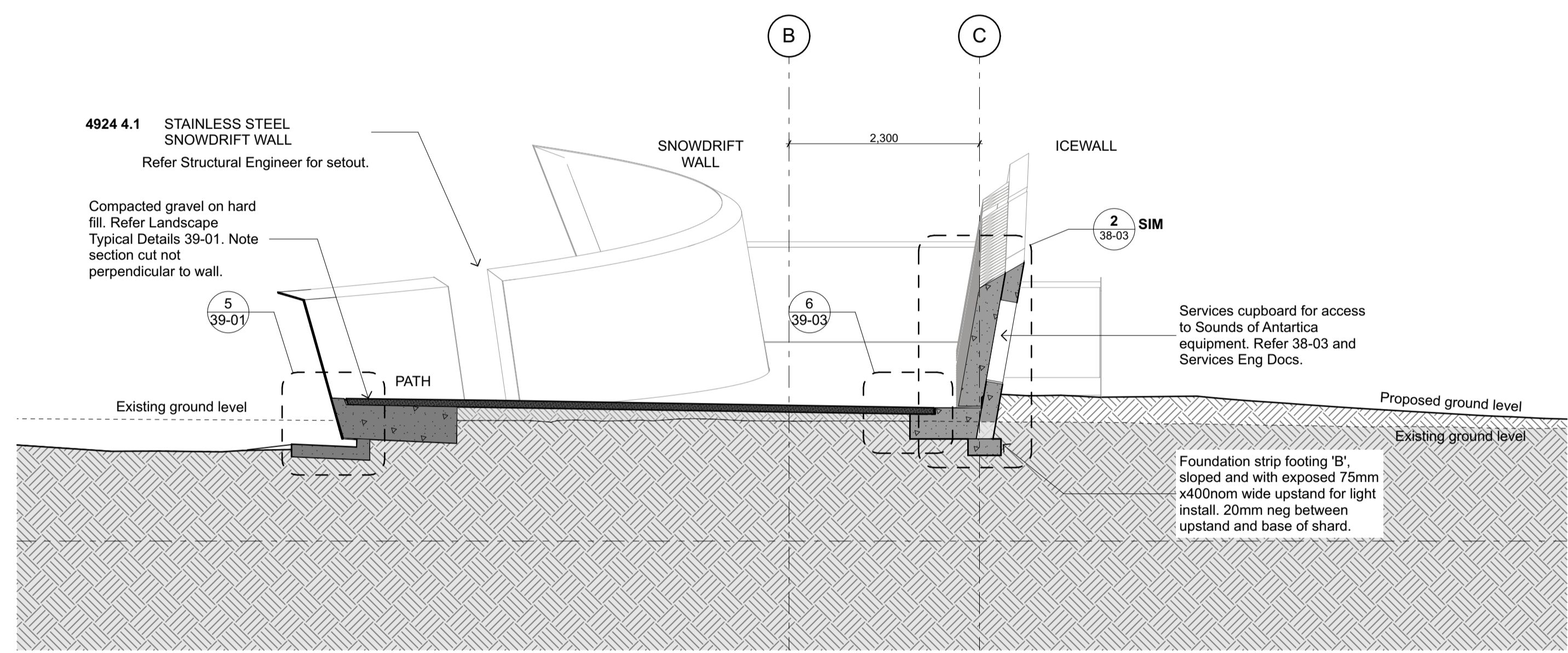
B Long Section BB'
 12-01 Section 1:50

Auckland Council
LUC60345670
 Approved Resource Consent Plan
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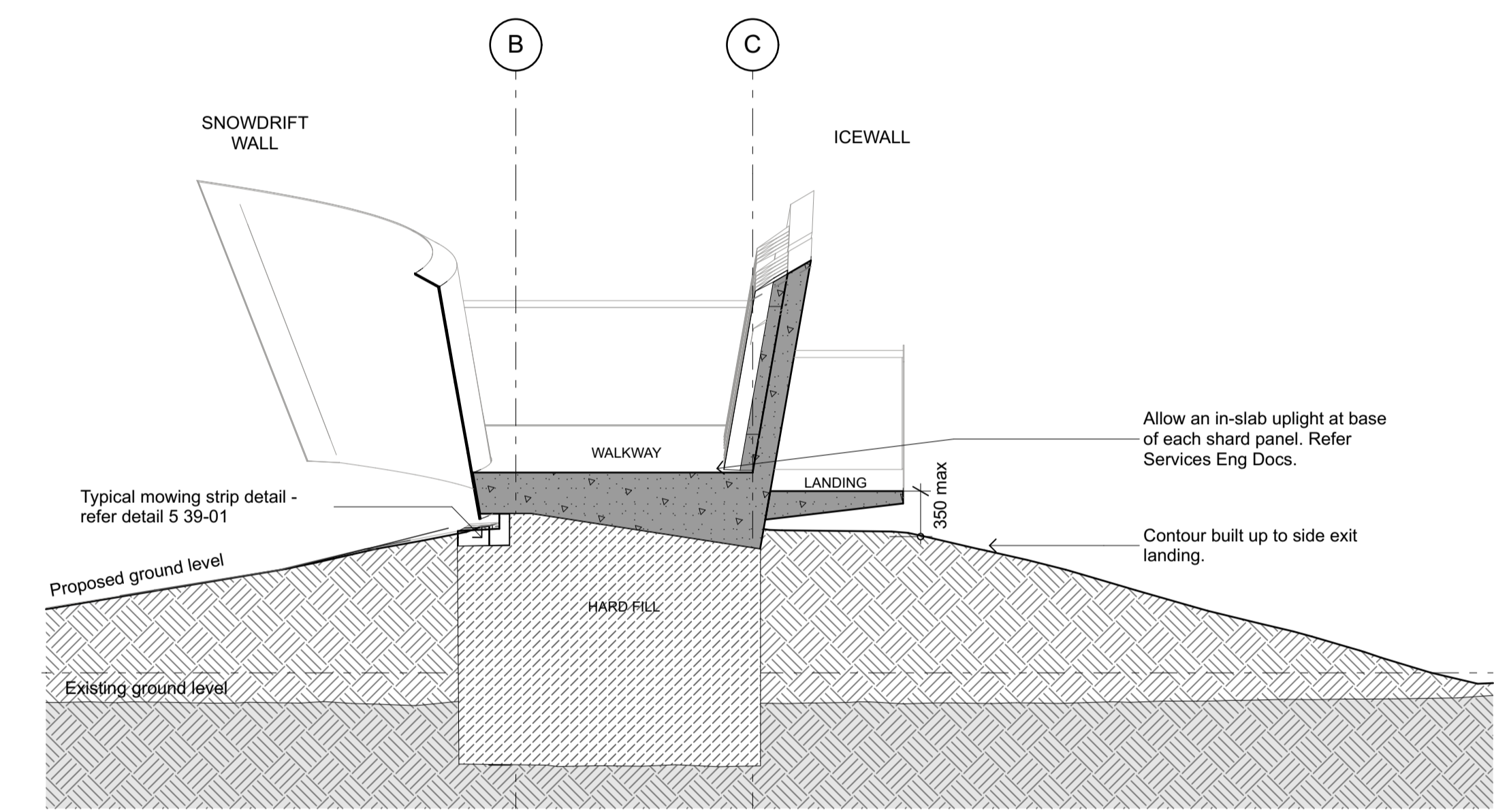
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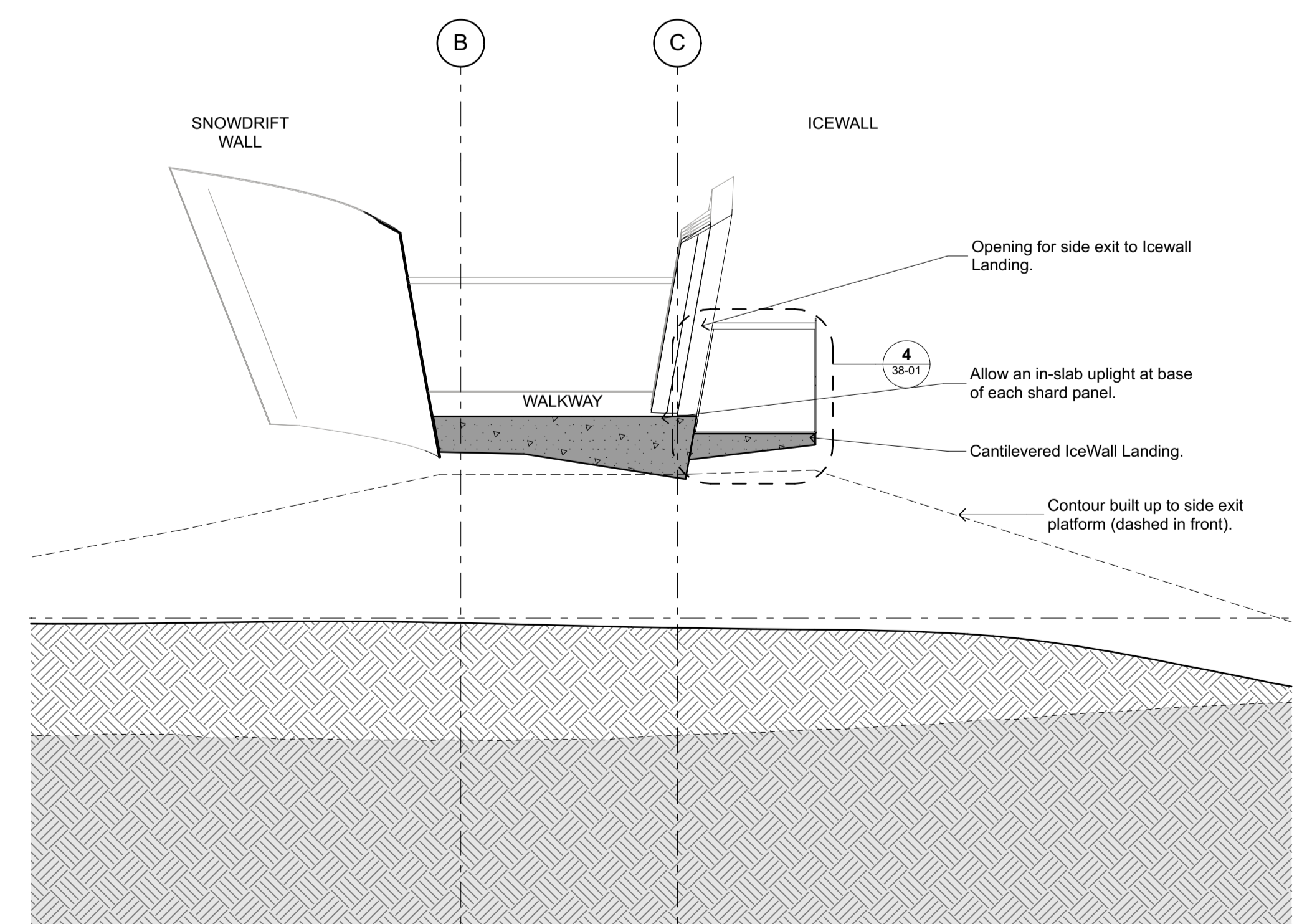
G Cross Section GG'
 12-01 Scale 1:50



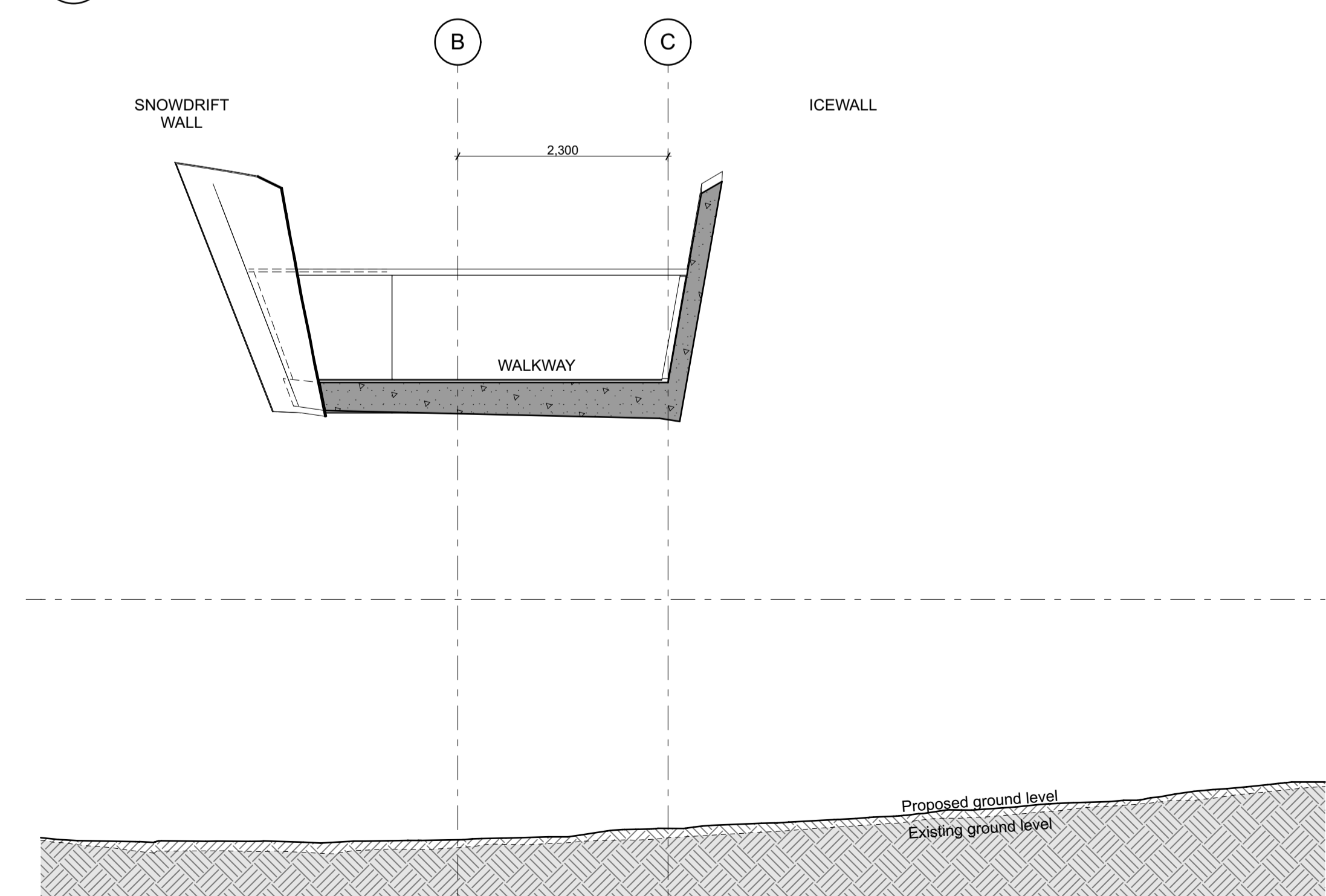
C Cross Section CC'
 12-01 Section 1:50



D Cross Section DD'
 12-01 Section 1:50



E Cross Section EE'
 12-01 Section 1:50



F Cross Section FF'
 12-01 Section 1:50

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Prepared For:
 **Ministry for Culture & Heritage**

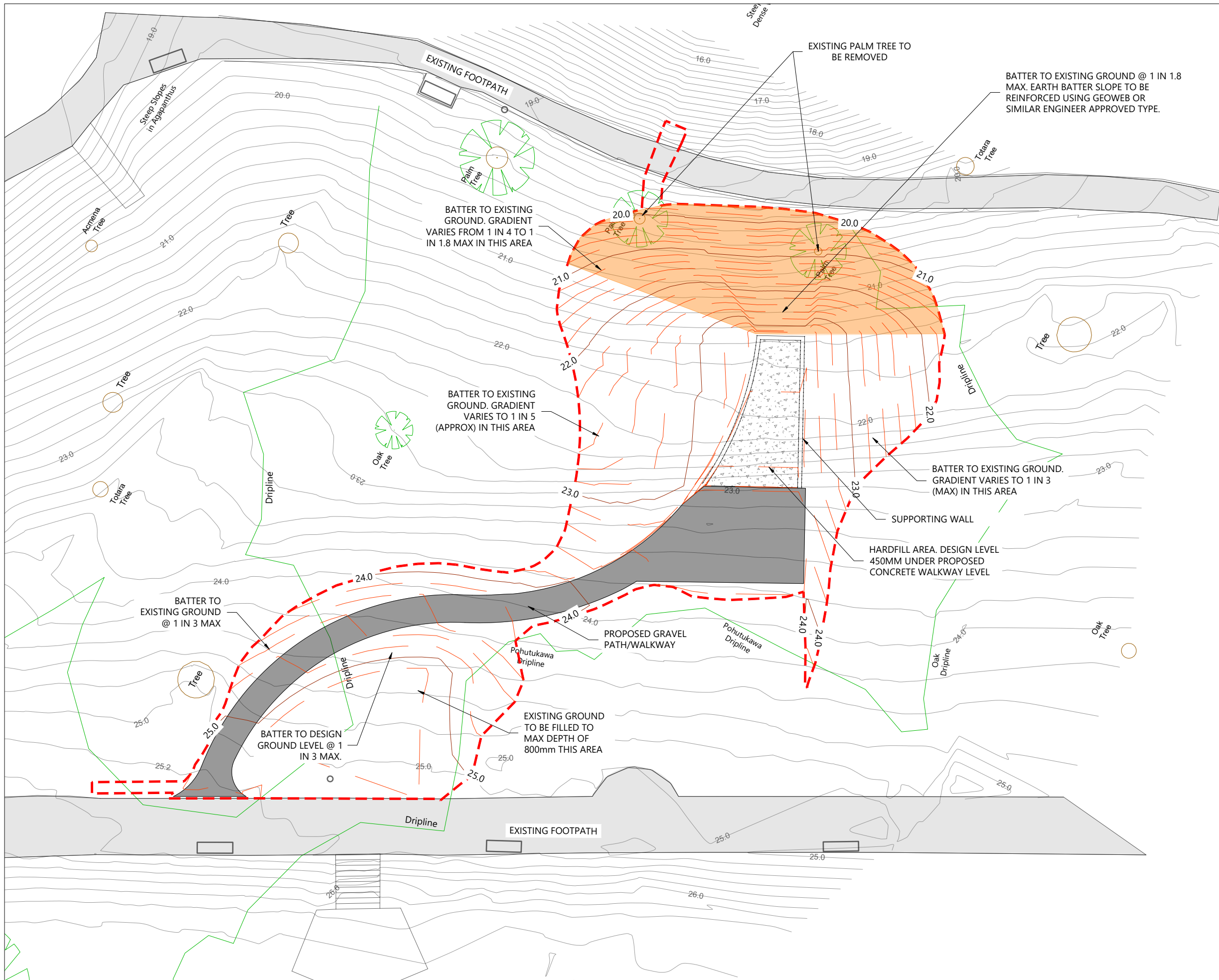
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Resource Consent Revised

Layout Name:
GA Sections
Cross Sections

Job No.: **2494** Layout ID: **A-16-02** Revision: **H**



LEGEND:

- EARTHWORK EXTENT - - - - -
- EXISTING CONTOUR (0.2m INTERVAL) — — — — —
- DESIGN CONTOUR MINOR (0.2m INTERVAL) - - - - -
- DESIGN CONTOUR MAJOR (1.0m INTERVAL) - - - - -
- REINFORCED EARTH SLOPE AREA (98m²)
- PERMEABLE PAVING AREA
- HARDFILL AREA UNDER CONCRETE WALKWAY

LUC60345670
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NOTES

1. REFER TO ENGEO REPORT FOR REINFORCED EARTHSLOPE DESIGN. REINFORCED EARTH SLOPE AREA FOR BATTER FROM 1 IN 4 (25% GRADE) TO 1 IN 1.8 (56% GRADE).
2. UNDERFILL DRAINAGE IS TO BE INSTALLED IN THE DIRECTION OF THE ENGINEER. IF THE CONTRACTOR COUNTERS SPRINGS OR OTHER SOURCES OF WATER HE IS TO NOTIFY THE ENGINEER.
3. ALL UNSUITABLE MATERIAL AS DEFINED IN THE SPECIFICATION IS TO BE REMOVED AND THE STRIPPED AREAS INSPECTED BY THE ENGINEER BEFORE FILLING COMMENCES.
4. EARTHWORKS ARE NOT TO BE EXTENDED INTO ADJOINING SITES UNLESS THE ENGINEER HAS ISSUED SPECIFIC INSTRUCTIONS.
5. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING EXISTING SERVICES AND DRAINAGE ON SITE.
6. THE CONTRACTOR SHALL CLARIFY THE AREAS AND EXTENT OF CLEARING WITH THE ENGINEER BEFORE COMMENCEMENT AND CONFIRM THAT ALL NECESSARY CONSENTS ARE IN PLACE.
7. PRIOR TO ANY WORKS IN THE RESERVE THE CONTRACTOR IS TO OBTAIN THE NECESSARY PERMITS AND PROVIDE THESE TO THE ENGINEER.
8. ALL INFORMATION SHOWN IS SUBJECT TO FINAL SURVEY.
9. EXISTING SURFACE INFORMATION PROVIDED BY OTHERS.



REVISION DETAILS	INT	DATE	SURVEYED		
1 ORIGINAL ISSUE	PL	08/07/19	DESIGNED	PL	2 JUDGES BAY ROAD PARNELL AUCKLAND
2 REVISED ARCHITECT PLAN	PL	20/08/19	DRAWN	PL	
3 REVISED PATH & SLOPE DESIGN	PL	29/08/19	CHECKED	ER	
4 HARDFILL & EARTH SLOPE AMENDMENT	PL	09/09/19	APPROVED	BF	

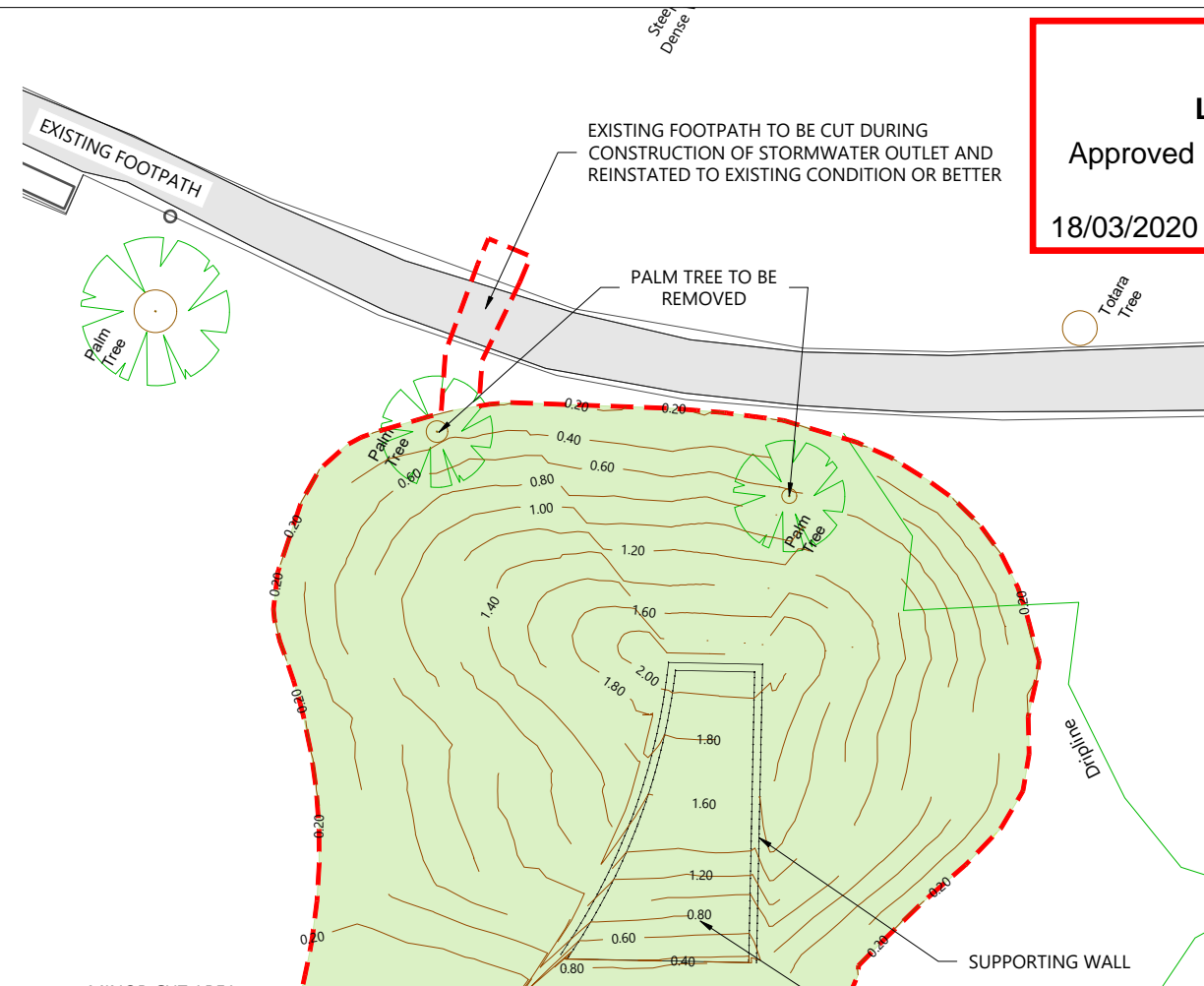
NATIONAL EREBUS MEMORIAL
 Ministry for Culture and Heritage
 PROPOSED CONTOURS PLAN

	STATUS	ISSUED FOR CONSENT	REV
	SCALE	1:200 @ A3	4
COUNCIL		AUCKLAND COUNCIL	
DWG NO	P19-184-110-EW		



EARTHWORKS NEAR ENTRANCE OF 85-87 GLADSTONE ROAD

SCALE 1:500 A3



LEGEND:

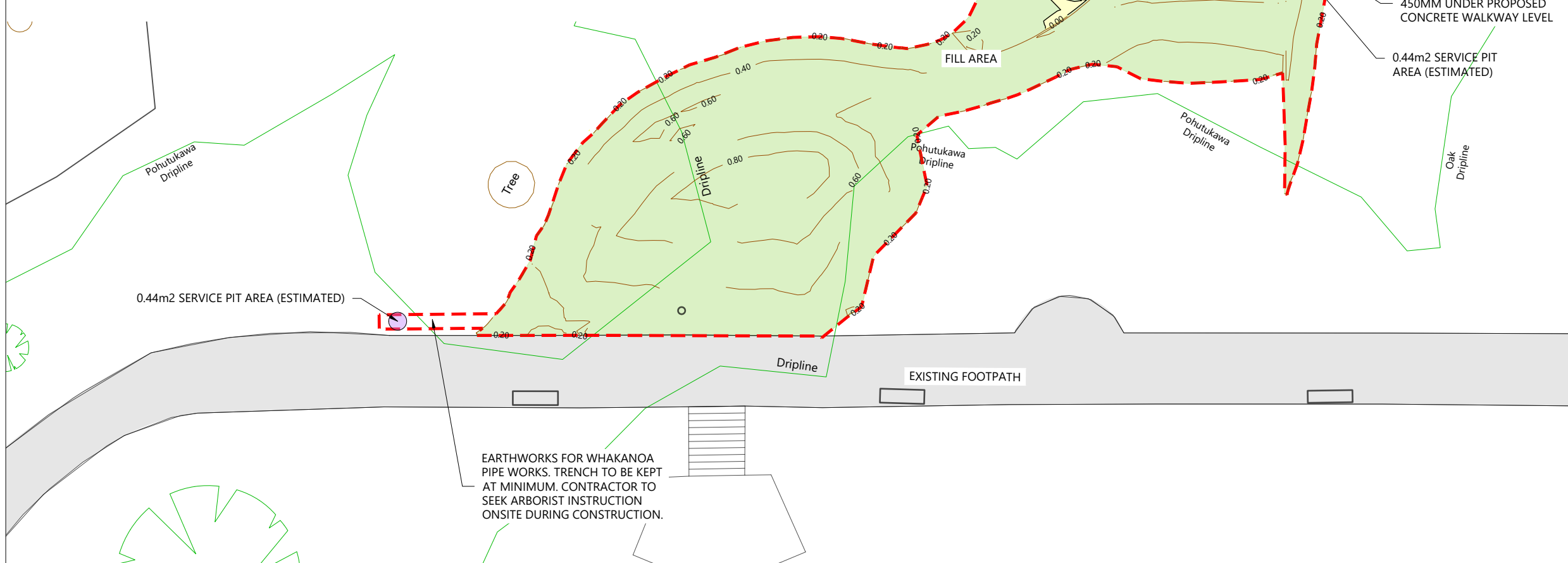
- EARTHWORK EXTENT - - - - -
- FILL CONTOUR (0.2m INTERVAL) - - - - -
- NO CUT/FILL CONTOUR —————
- SERVICE TRENCH/PIT AREA —————

RAW EARTHWORKS VOLUME:

- TOPSOIL STRIPPING = 108m³ (200MM OVER TOTAL EARTHWORKS AREA)
- CUT = 0.01 m³
- FILL = 368 m³ INCLUDING 32.2m³ OF HARDFILL AREA
- SPOIL = 6 m³ (ESTIMATED) FROM UTILITY SERVICE OPEN TRENCH, PIT & TRENCHLESS DRILLING.
- AREA OF PROPOSED PERMEABLE PATH = 82 m²
- TOTAL EARTHWORKS AREA = 556 m² INCLUDING STORMWATER CONSTRUCTION & UTILITY SERVICE TRENCH/PIT AREA.
- NOTE: SOLID MEASURES FROM DESIGN GROUND SURFACE TO EXISTING GROUND SURFACE LESS 200MM OF TOPSOIL STRIPPING.

NOTES

1. CUT FILL CONTOURS ARE CALCULATED BASED ON EXISTING GROUND SURFACE LESS 200mm OF TOPSOIL STRIPPING TO DESIGN GROUND SURFACE.
2. UNDERFILL DRAINAGE IS TO BE INSTALLED THE DIRECTION OF THE ENGINEER. IF THE CONTRACTOR COUNTERS SPRINGS OR OTHER SOURCES OF WATER HE IS TO NOTIFY THE ENGINEER.
3. ALL UNSUITABLE MATERIAL AS DEFINED IN THE SPECIFICATION IS TO BE REMOVED AND THE STRIPPED AREAS INSPECTED BY THE ENGINEER BEFORE FILLING COMMENCES.
4. EARTHWORKS ARE NOT TO BE EXTENDED INTO ADJOINING SITES UNLESS THE ENGINEER HAS ISSUED SPECIFIC INSTRUCTIONS.
5. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING EXISTING SERVICES AND DRAINAGE ON SITE.
6. THE CONTRACTOR SHALL CLARIFY THE AREAS AND EXTENT OF CLEARING WITH THE ENGINEER BEFORE COMMENCEMENT AND CONFIRM THAT ALL NECESSARY CONSENTS ARE IN PLACE.
7. PRIOR TO ANY WORKS IN THE RESERVE THE CONTRACTOR IS TO OBTAIN THE NECESSARY PERMITS AND PROVIDE THESE TO THE ENGINEER.
8. SEDIMENT AND EROSION CONTROL ARE TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL GD005 AND ARE TO BE IN PLACE PRIOR TO EARTHWORKS COMMENCING.
9. REFER TO ENGEO REPORT FOR REINFORCED EARTHSLOPE DESIGN. ALL WORKS ARE TO BE IN ACCORDANCE WITH THE GEOTECHNICAL SPECIFICATION.



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1 ORIGINAL ISSUE	PL	08/07/19	DESIGNED	PL
2 REVISED ARCHITECT PLAN	PL	20/08/19	DRAWN	PL
3 REVISED PATH & SLOPE DESIGN	PL	29/08/19	CHECKED	ER
4 ADDED HARDFILL & SERVICE TRENCH AREA	PL	09/09/19	APPROVED	BF

2 JUDGES BAY ROAD
PARNELL
AUCKLAND



NATIONAL EREBUS MEMORIAL
Ministry for Culture and Heritage
DEPTH (CUT/FILL) CONTOURS PLAN

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:200 @ A3	4
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P19-184-120-EW	

LEGEND:

- EARTHWORKS EXTENT - - - - -
- FILL CONTOUR (0.2m INTERVAL) - - - - -
- NO CUT/FILL CONTOUR - - - - -
- EARTHWORKS AREA UNDER TREE DRIPLINE

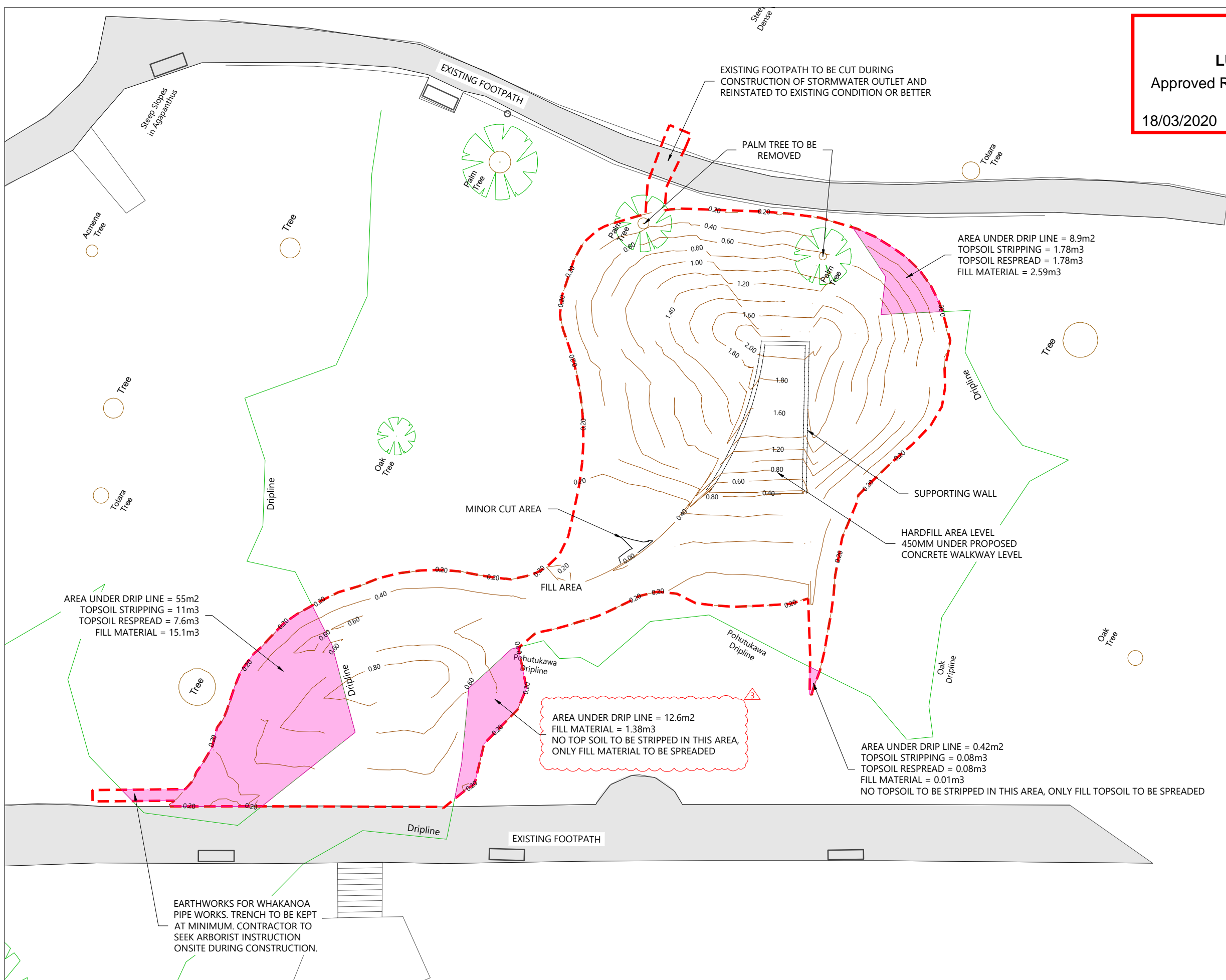
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 - CUT = 0.01 m³
 - FILL = 368 m³ INCLUDING 32.2m³ OF HARDFILL AREA
 - SPOIL = 6 m³ (ESTIMATED) FROM UTILITY SERVICE OPEN TRENCH, PIT & TRENCHLESS DRILLING.
 - AREA OF PROPOSED PERMEABLE PATH = 82 m²
 - TOTAL EARTHWORKS AREA = 556 m² INCLUDING STORMWATER CONSTRUCTION & UTILITY SERVICE TRENCH/PIT AREA.
- NOTE:** SOLID MEASURES FROM DESIGN GROUND SURFACE TO EXISTING GROUND SURFACE LESS 200MM OF TOPSOIL STRIPPING.

NOTES

1. CUT FILL CONTOURS ARE CALCULATED BASED ON EXISTING GROUND SURFACE LESS 200mm OF TOPSOIL STRIPPING TO DESIGN GROUND SURFACE.
2. UNDERFILL DRAINAGE IS TO BE INSTALLED THE DIRECTION OF THE ENGINEER. IF THE CONTRACTOR COUNTERS SPRINGS OR OTHER SOURCES OF WATER HE IS TO NOTIFY THE ENGINEER.
3. ALL UNSUITABLE MATERIAL AS DEFINED IN THE SPECIFICATION IS TO BE REMOVED AND THE STRIPPED AREAS INSPECTED BY THE ENGINEER BEFORE FILLING COMMENCES.
4. EARTHWORKS ARE NOT TO BE EXTENDED INTO ADJOINING SITES UNLESS THE ENGINEER HAS ISSUED SPECIFIC INSTRUCTIONS.
5. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING EXISTING SERVICES AND DRAINAGE ON SITE.
6. THE CONTRACTOR SHALL CLARIFY THE AREAS AND EXTENT OF CLEARING WITH THE ENGINEER BEFORE COMMENCEMENT AND CONFIRM THAT ALL NECESSARY CONSENTS ARE IN PLACE.
7. PRIOR TO ANY WORKS IN THE RESERVE THE CONTRACTOR IS TO OBTAIN THE NECESSARY PERMITS AND PROVIDE THESE TO THE ENGINEER.
8. SEDIMENT AND EROSION CONTROL ARE TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL GD005 AND ARE TO BE IN PLACE PRIOR TO EARTHWORKS COMMENCING.
9. REFER TO ENGEO REPORT FOR REINFORCED EARTHSLOPE DESIGN. ALL WORKS ARE TO BE IN ACCORDANCE WITH THE GEOTECHNICAL SPECIFICATION.

SCALEBAR (m) SCALE | 1:200 @A3 | 1:100 @A1



AREA UNDER DRIP LINE = 55m²
TOPSOIL STRIPPING = 11m³
TOPSOIL RESPREAD = 7.6m³
FILL MATERIAL = 15.1m³

AREA UNDER DRIP LINE = 12.6m²
FILL MATERIAL = 1.38m³
NO TOP SOIL TO BE STRIPPED IN THIS AREA,
ONLY FILL MATERIAL TO BE SPREAD

AREA UNDER DRIP LINE = 0.42m²
TOPSOIL STRIPPING = 0.08m³
TOPSOIL RESPREAD = 0.08m³
FILL MATERIAL = 0.01m³
NO TOPSOIL TO BE STRIPPED IN THIS AREA, ONLY FILL TOPSOIL TO BE SPREAD

EARTHWORKS FOR WHAKANOAO PIPE WORKS. TRENCH TO BE KEPT AT MINIMUM. CONTRACTOR TO SEEK ARBORIST INSTRUCTION ONSITE DURING CONSTRUCTION.

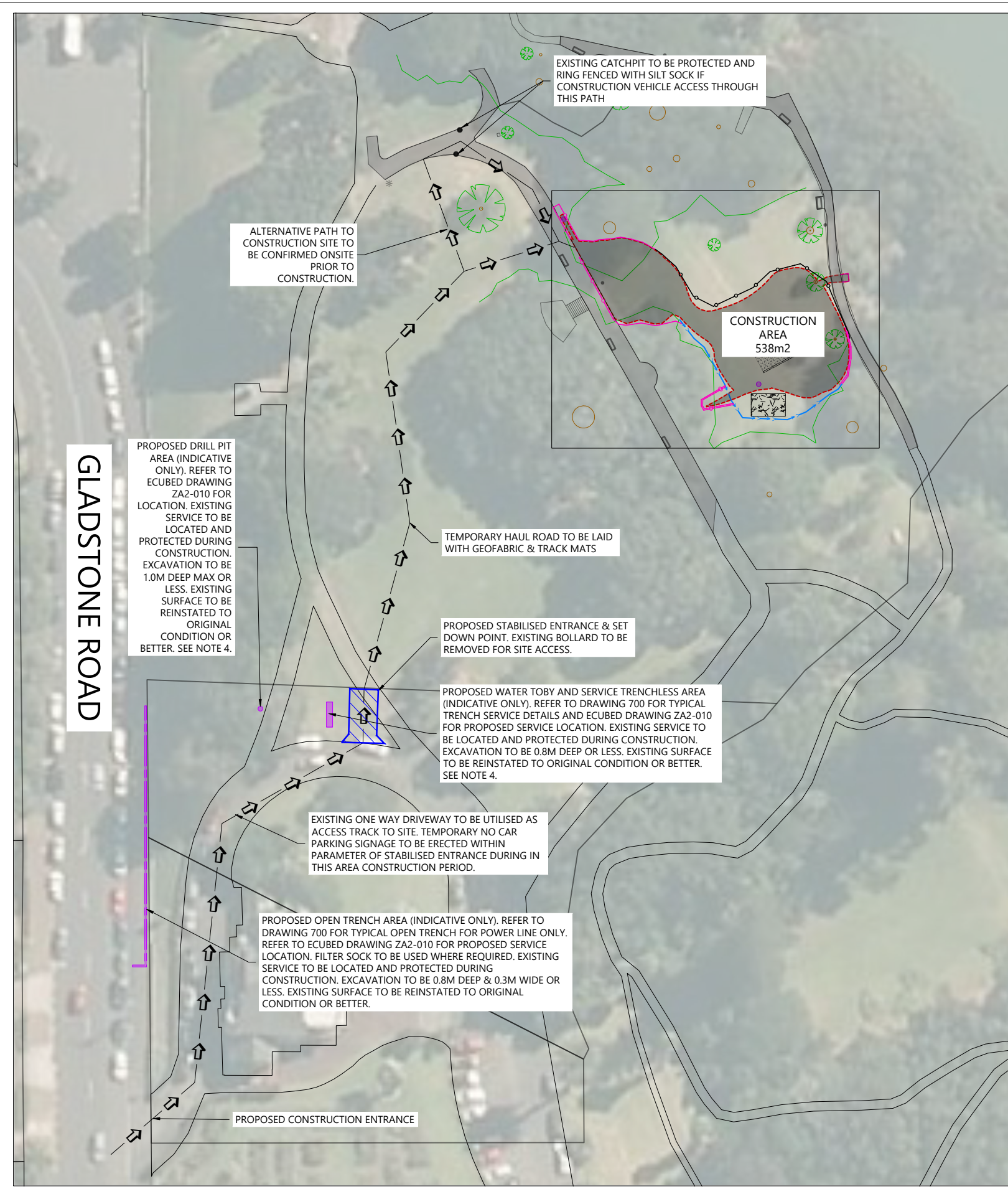
REVISION DETAILS	INT	DATE	SURVEYED	
1 ORIGINAL ISSUE	PL	29/08/19	DESIGNED	PL
2 ADDED HARDFILL & SERVICE TRENCH AREA	PL	09/09/19	DRAWN	PL
3 REVISED ON QUANTITIES UNDER DRIPLINE	PL	30/09/19	CHECKED	ER
			APPROVED	BF

2 JUDGES BAY ROAD
PARNELL
AUCKLAND
WOODS.CO.NZ



NATIONAL EREBUS MEMORIAL
Ministry for Culture and Heritage
DEPTH (CUT/FILL) CONTOURS PLAN UNDER TREE DRIPLINE

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:200 @ A3	3
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P19-184-121-EW	



LEGEND:

- ACCESS PATH TO CONSTRUCTION SITE
- EARTHWORKS EXTENT
- EXISTING CONTOUR (0.2m INTERVAL)
- SUPER SILT FENCE
- SILT SOCKS/FILTER SOCKS
- CLEAN WATER DIVERSION
- STABILISED ENTRANCE

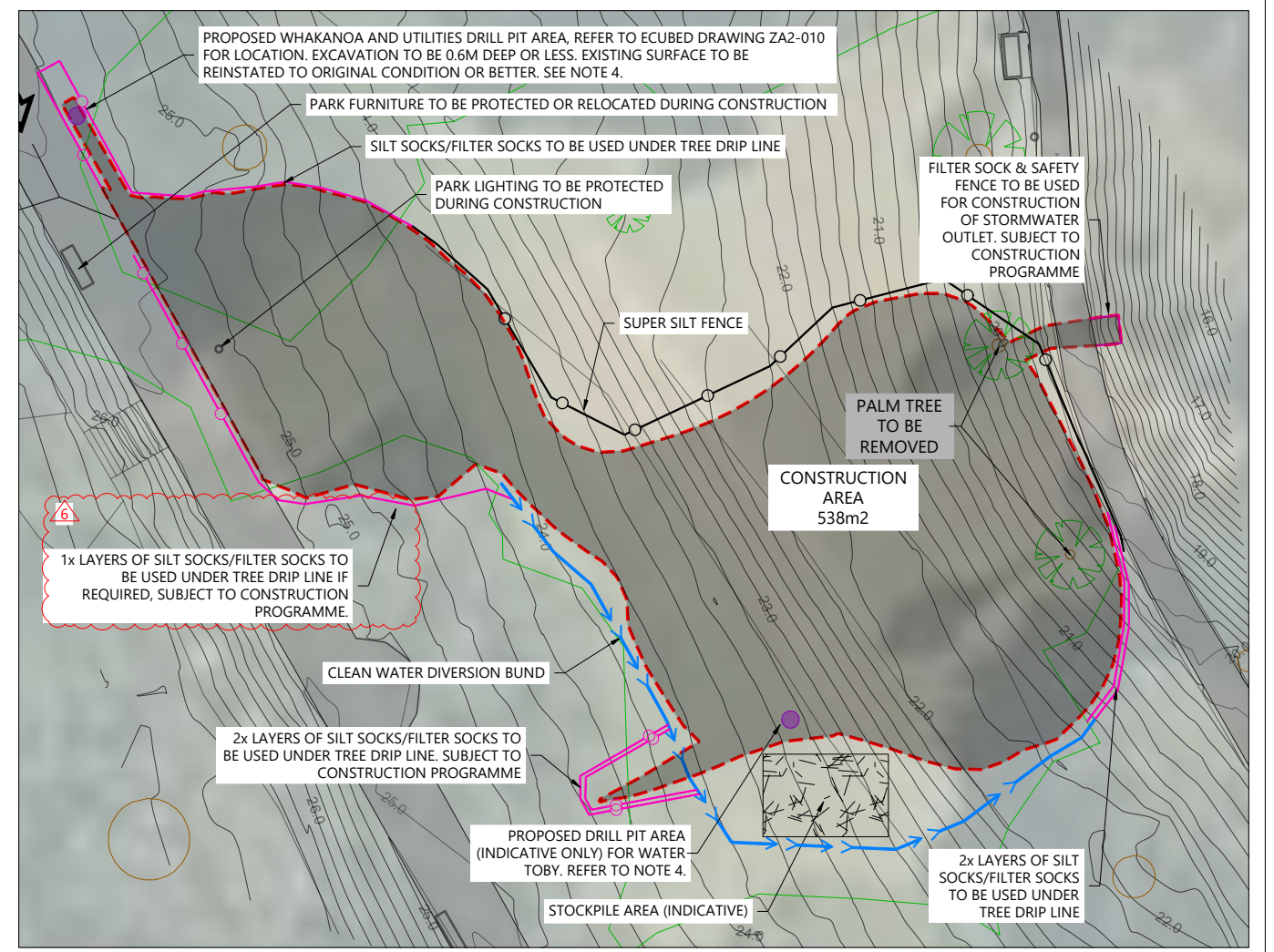
SERVICE TRENCH/
PIT AREA

LUC60345670
 Approved Resource Consent Plan
 18/03/2020



NOTES

1. UNDERFILL DRAINAGE IS TO BE INSTALLED THE DIRECTION OF THE ENGINEER. IF THE CONTRACTOR COUNTERS SPRINGS OR OTHER SOURCES OF WATER HE IS TO NOTIFY THE ENGINEER.
2. ALL UNSUITABLE MATERIAL AS DEFINED IN THE SPECIFICATION IS TO BE REMOVED AND THE STRIPPED AREAS INSPECTED BY THE ENGINEER BEFORE FILLING COMMENCES.
3. EARTHWORKS ARE NOT TO BE EXTENDED INTO ADJOINING SITES UNLESS THE ENGINEER HAS ISSUED SPECIFIC INSTRUCTIONS.
4. SILT FENCE AND FILTER SOCK AREA TO BE USED AROUND DRILLING MACHINE AND DRILL PIT WHERE REQUIRED.
5. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING EXISTING SERVICES AND DRAINAGE ON SITE.
6. THE CONTRACTOR SHALL CLARIFY THE AREAS AND EXTENT OF CLEARING WITH THE ENGINEER BEFORE COMMENCEMENT AND CONFIRM THAT ALL NECESSARY CONSENTS ARE IN PLACE.
7. PRIOR TO ANY WORKS IN THE RESERVE THE CONTRACTOR IS TO OBTAIN THE NECESSARY PERMITS AND PROVIDE THESE TO THE ENGINEER.
8. EROSION AND SEDIMENT CONTROL MEASURES PROPOSED IN THIS PLAN IS ONLY MINIMUM. ANY MODIFICATIONS TO THE CONSENTED EROSION AND SEDIMENT CONTROL MEASURES MUST BE APPROVED BY THE ENGINEER PRIOR TO THE CONSTRUCTION.
9. EROSION AND SEDIMENT CONTROL ARE TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL GD005 AND ARE TO BE IN PLACE PRIOR TO EARTHWORKS COMMENCING.
10. ALL WORKS ARE TO BE IN ACCORDANCE WITH THE GEOTECHNICAL SPECIFICATION.



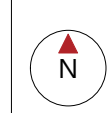
SCALEBAR (m) 0 7.5 15 37.5
SCALE | 1:750 @A3 | 1:375 @A1

SCALEBAR (m) 0 3 6 15
SCALE | 1:300 @A3 | 1:150 @A1

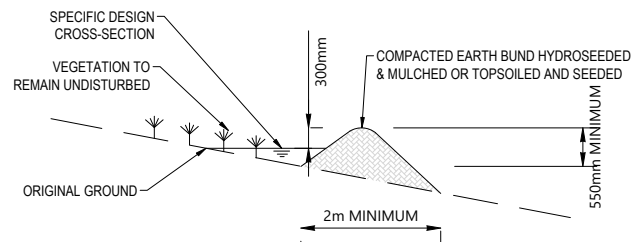
REVISION DETAILS	INT	DATE	SURVEYED		
5 E&SC FOR COMBINED SERVICES	PL	04/09/19	DESIGNED	PL	2 JUDGES BAY ROAD PARNELL AUCKLAND
6 AMENDMENT TO FILTER SOCK NOTE	PL	30/09/19	DRAWN	PL	
3 REVISED ARCHITECT PLAN	PL	20/08/19	CHECKED	ER	WOODS.CO.NZ
4 REVISED PATH & SLOPE DESIGN	PL	29/08/19	APPROVED	BF	



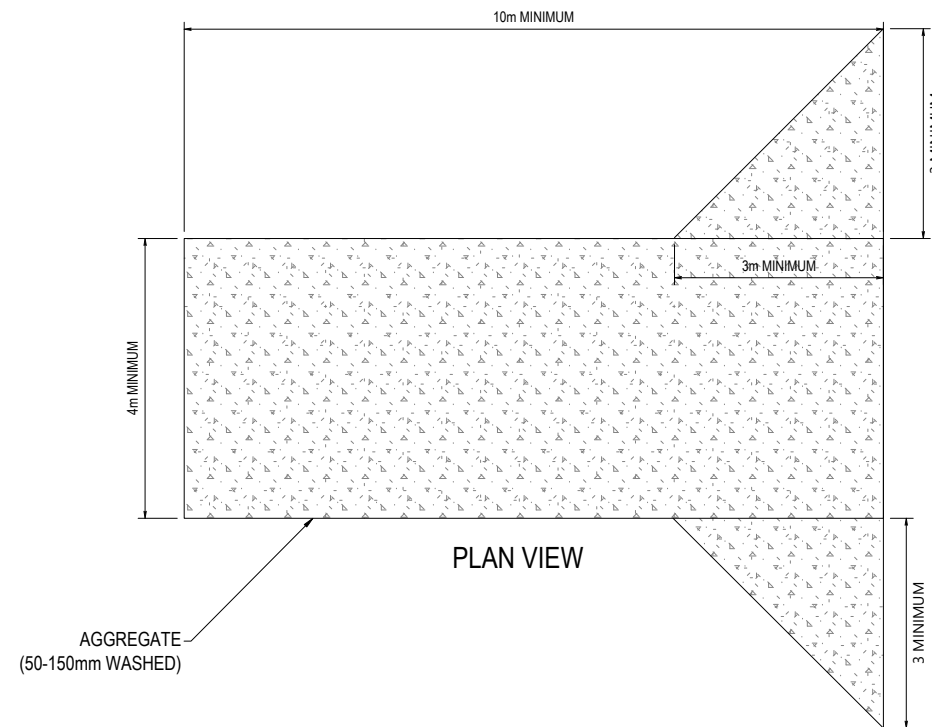
NATIONAL EREBUS MEMORIAL
 Ministry for Culture and Heritage
 EROSION AND SEDIMENT CONTROL LAYOUT PLAN



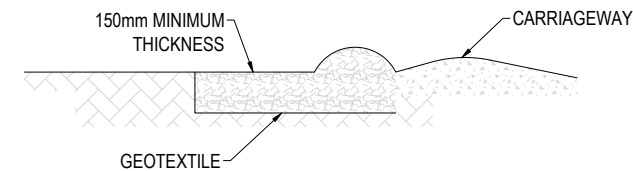
STATUS	ISSUED FOR CONSENT	REV
SCALE	AS SHOWN	6
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P19-184-180-EW	



CLEAN WATER DIVERSION BUND/CHANNEL



PLAN VIEW

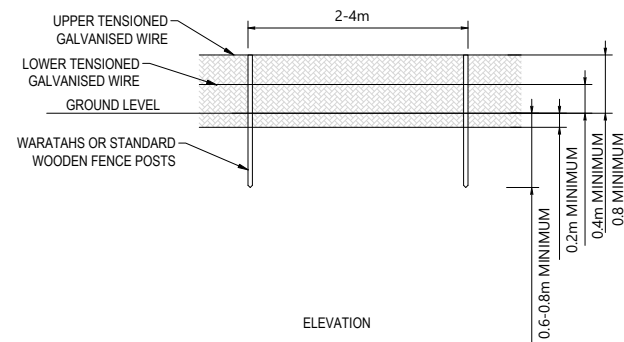


SIDE ELEVATION

NOTES

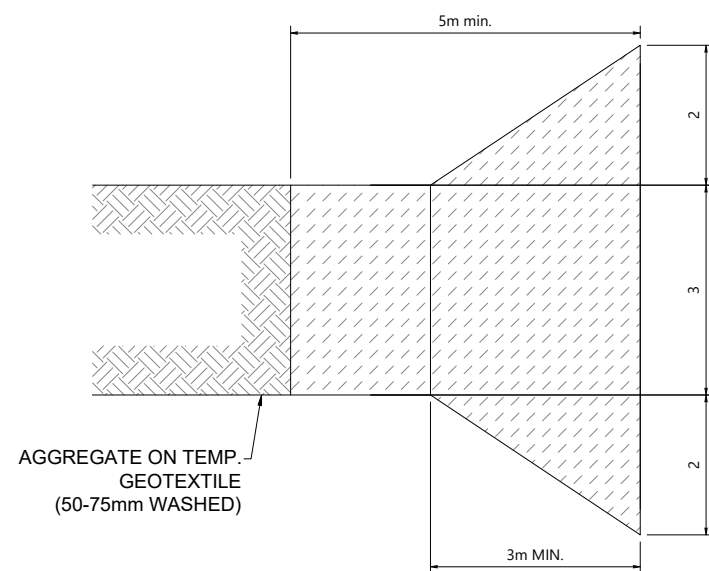
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8. EROSION AND SEDIMENT CONTROL ARE TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL GD005 AND ARE TO BE IN PLACE PRIOR TO EARTHWORKS COMMENCING.
9. ALL WORKS ARE TO BE IN ACCORDANCE WITH THE GEOTECHNICAL SPECIFICATION.

SUPER SILT FENCE



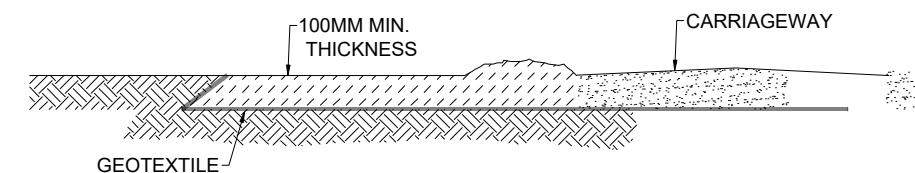
ELEVATION

STABILISED CONSTRUCTION ENTRANCE

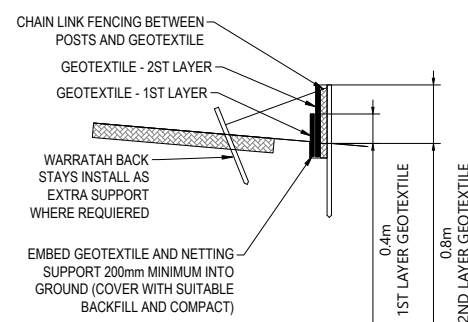


PLAN VIEW

CARRIAGEWAY



SIDE ELEVATION



CROSS SECTION

REVISION DETAILS	INT	DATE	SURVEYED	PL	2 JUDGES BAY ROAD PARNELL AUCKLAND
1 ORIGINAL ISSUE	PL	08/07/19	DESIGNED	PL	
			DRAWN	PL	
			CHECKED	ER	
			APPROVED	BF	WOODS.CO.NZ



NATIONAL EREBUS MEMORIAL
Ministry for Culture and Heritage
EROSION AND SEDIMENT CONTROL STANDARD DETAILS PLAN

STATUS	ISSUED FOR CONSENT	REV
SCALE	NOT TO SCALE	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P19-184-181-EW	

LEGEND:

CONTOUR (1.0m INTERVAL)

EXISTING CONTOUR

DESIGN CONTOUR

PROPOSED WALKWAY/
PATH CENTRELINE

PROPOSED DRAINAGE LINE

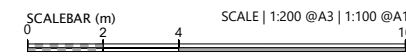
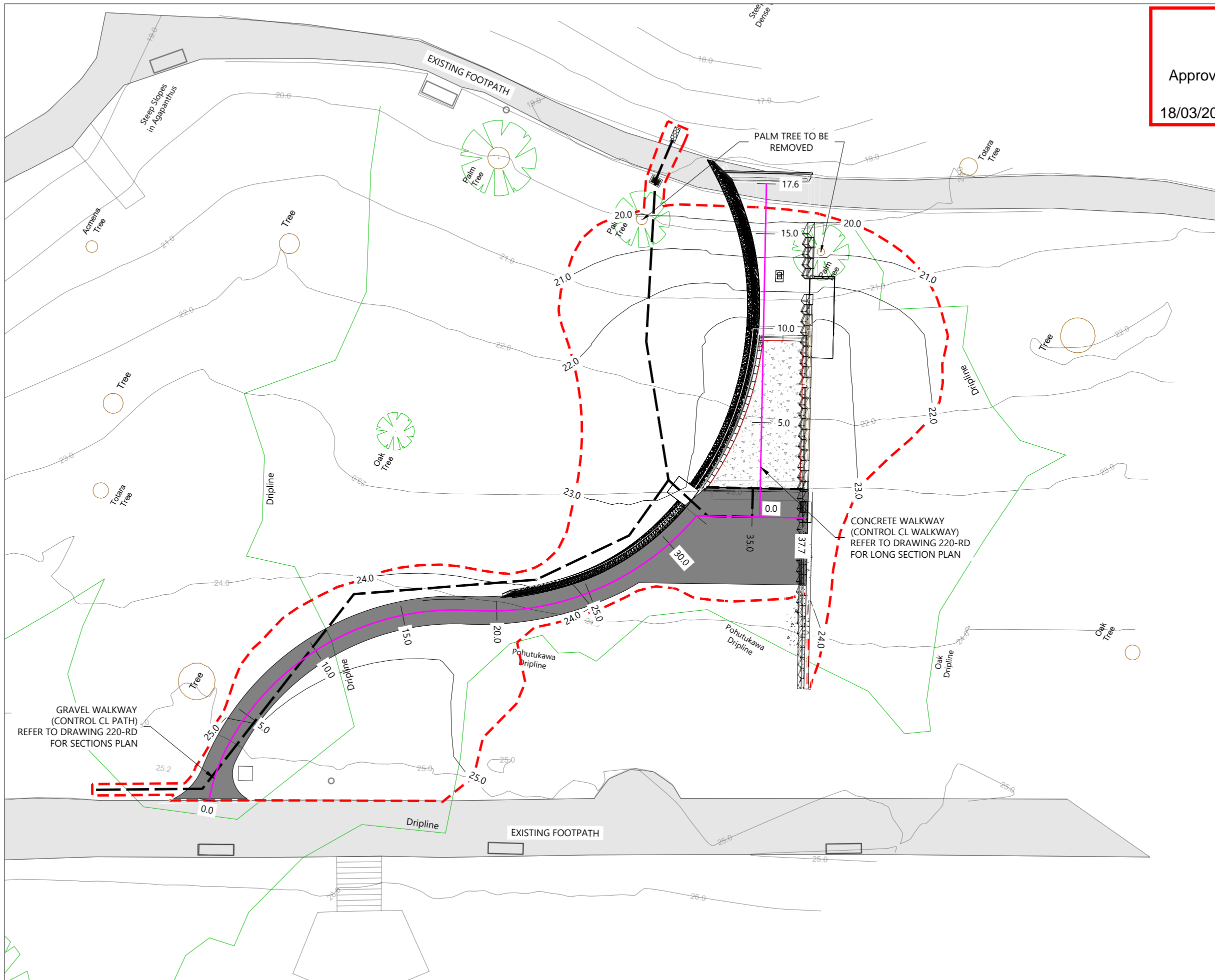
EARTHWORKS EXTENT

PERMEABLE PAVING
AREA

HARDFILL AREA UNDER
CONCRETE WALKWAY

NOTES

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5. THE CONTRACTOR SHALL CLARIFY THE AREAS AND EXTENT OF CLEARING WITH THE ENGINEER BEFORE COMMENCEMENT AND CONFIRM THAT ALL NECESSARY CONSENTS ARE IN PLACE.
6. PRIOR TO ANY WORKS IN THE RESERVE THE CONTRACTOR IS TO OBTAIN THE NECESSARY PERMITS AND PROVIDE THESE TO THE ENGINEER.
7. ALL INFORMATION SHOWN IS SUBJECT TO FINAL SURVEY.
8. EXISTING SURFACE INFORMATION PROVIDED BY OTHERS.



REVISION DETAILS	INT	DATE	SURVEYED	
1 ORIGINAL ISSUE	PL	08/07/19	DESIGNED	PL
2 REVISED ARCHITECT PLAN	PL	20/08/19	DRAWN	PL
3 REVISED PATH & SLOPE DESIGN	PL	29/08/19	CHECKED	ER
4 ADDED HARDFILL AREA	PL	09/09/19	APPROVED	BF

2 JUDGES BAY ROAD
PARNELL
AUCKLAND
WOODS.CO.NZ



NATIONAL EREBUS MEMORIAL
Ministry for Culture and Heritage
PROPOSED PATH LAYOUT

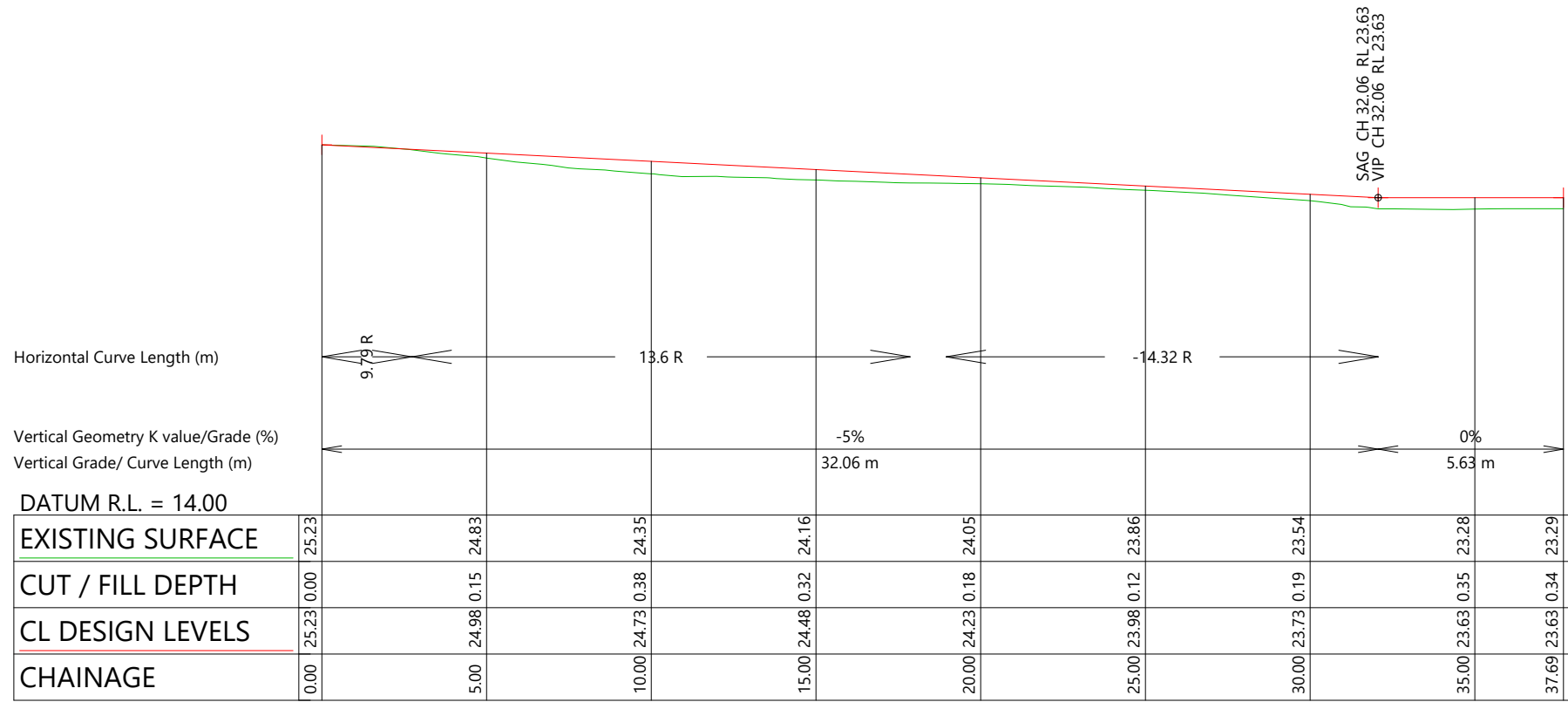


STATUS	ISSUED FOR CONSENT	REV
SCALE	1:200 @ A3	4
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P19-184-200-RD	

NOTES

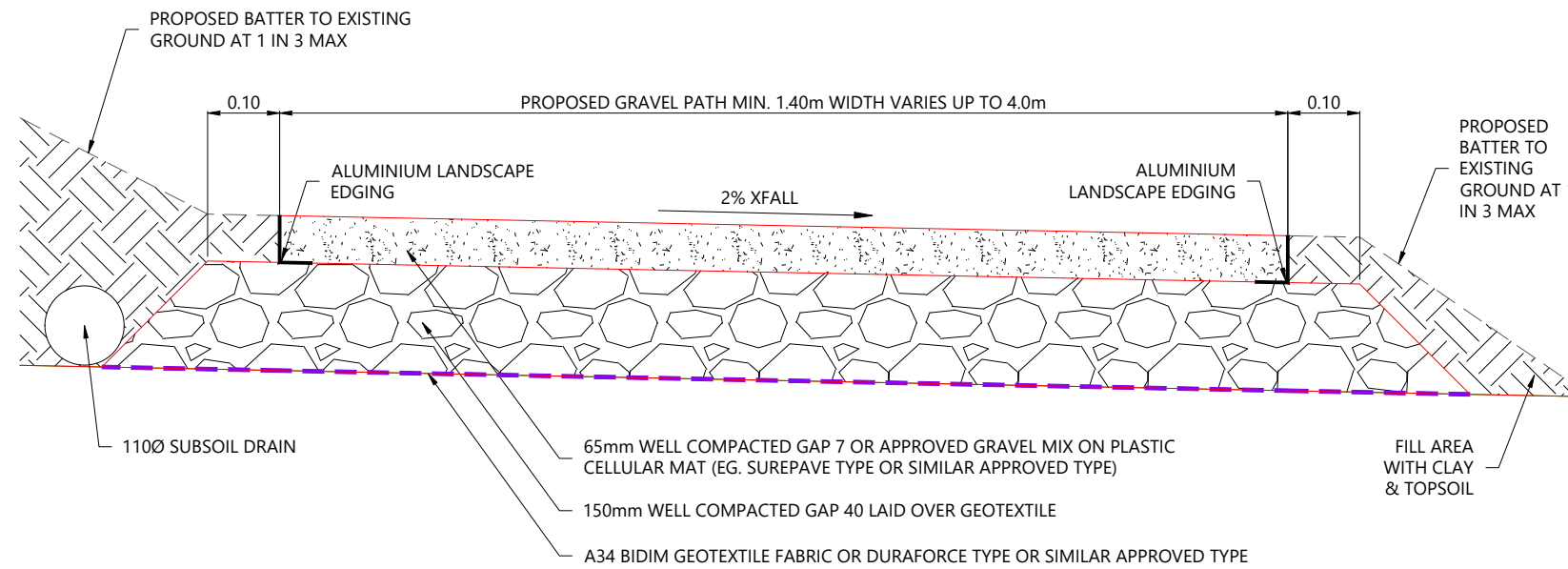
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7. ALL INFORMATION SHOWN IS SUBJECT TO FINAL SURVEY.
8. EXISTING SURFACE INFORMATION PROVIDED BY OTHERS.

LUC60345670
Approved Resource Consent Plan
18/03/2020



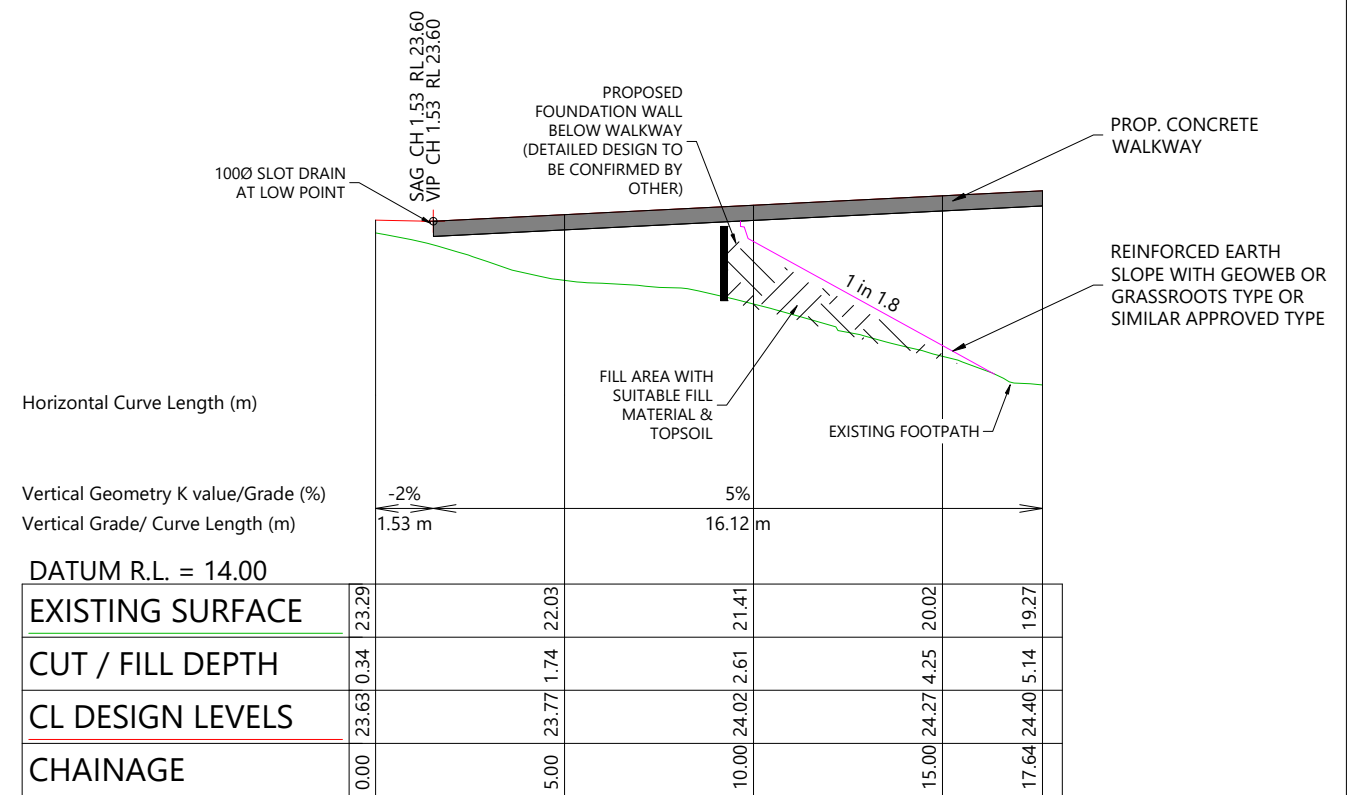
ROAD CONTROL CL PATH LONGITUDINAL SECTION

HORZ 1:200 VERT 1:200



TYPICAL GRAVEL PATH/WALKWAY DETAILS

SCALE 1:10 (A3)



CONTROL CL WALKWAY - LONGITUDINAL SECTION (CONCRETE WALKWAY)

HORZ 1:200 VERT 1:200

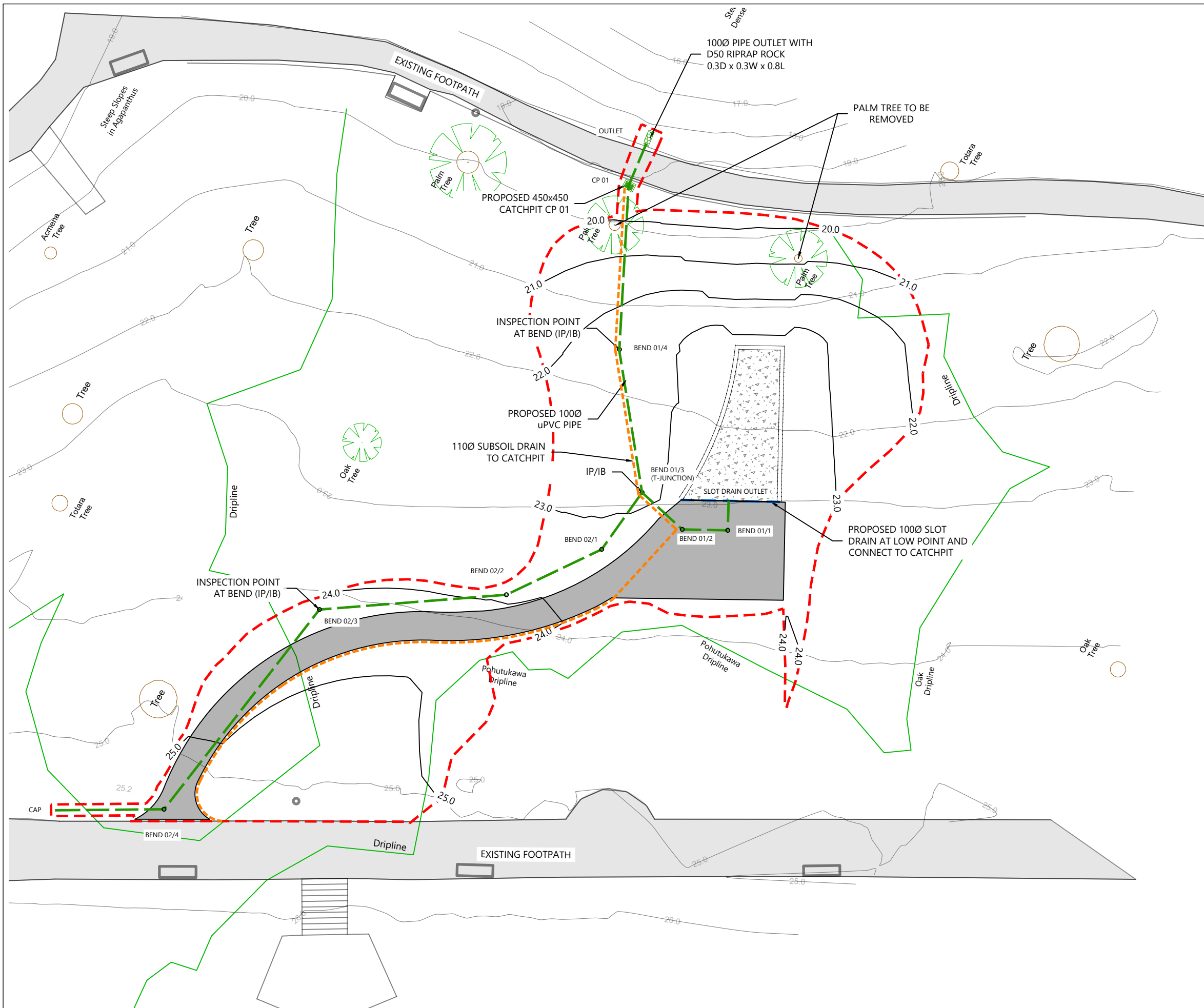


REVISION DETAILS	INT	DATE	SURVEYED	PL	
1 ORIGINAL ISSUE	PL	08/07/19	DESIGNED	PL	2 JUDGES BAY ROAD PARNELL AUCKLAND
2 REVISED ARCHITECT PLAN	PL	20/08/19	DRAWN	PL	
3 UPDATED PAVEMENT DETAILS	PL	29/08/19	CHECKED	ER	
			APPROVED	BF	WOODS.CO.NZ



NATIONAL EREBUS MEMORIAL
Ministry for Culture and Heritage
PATH/WALKWAY LONG SECTION & TYPICAL CROSS SECTION PLAN

STATUS	ISSUED FOR CONSENT	REV
SCALE	AS SHOWN	3
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P19-184-220-RD	



LEGEND:

- EARTHWORK EXTENT - - - - -
- EXISTING CONTOUR (1.0m INTERVAL) — — — — —
- DESIGN CONTOUR (1.0m INTERVAL) — — — — —
- PROPOSED SLOT DRAIN - - - - -
- PROPOSED SW LINE - - - - -
- PROPOSED SUBSOIL DRAIN - - - - -
- PERMEABLE PAVING AREA
- HARDFILL AREA UNDER CONCRETE WALKWAY

Auckland Council

LUC60345670
 Approved Resource Consent Plan

18/03/2020

- NOTES**
1. UNDERFILL DRAINAGE IS TO BE INSTALLED THE DIRECTION OF THE ENGINEER. IF THE CONTRACTOR COUNTERS SPRINGS OR OTHER SOURCES OF WATER HE IS TO NOTIFY THE ENGINEER.
 2. ALL UNSUITABLE MATERIAL AS DEFINED IN THE SPECIFICATION IS TO BE REMOVED AND THE STRIPPED AREAS INSPECTED BY THE ENGINEER BEFORE FILLING COMMENCES.
 3. PRIOR TO ANY WORKS IN THE RESERVE THE CONTRACTOR IS TO OBTAIN THE NECESSARY PERMITS AND PROVIDE THESE TO THE ENGINEER.
 4. ALL WORKS, DESIGN AND MATERIALS TO COMPLY WITH CURRENT AUCKLAND COUNCIL STORMWATER CODE OF PRACTICE (AC SW COP).
 5. BEDDING FOR STORMWATER TO COMPLY WITH AC SW COP.

SCALEBAR (m) SCALE | 1:200 @A3 | 1:100 @A1

REVISION DETAILS					
	INT	DATE	SURVEYED		
1	ORIGINAL ISSUE	PL	08/07/19	DESIGNED	PL
2	REVISED ARCHITECT PLAN	PL	29/08/19	DRAWN	PL
3	REVISED STORMWATER DESIGN	PL	29/08/19	CHECKED	ER
4	ADDED HARDFILL AREA	PL	09/09/19	APPROVED	BF

2 JUDGES BAY ROAD
 PARNELL
 AUCKLAND

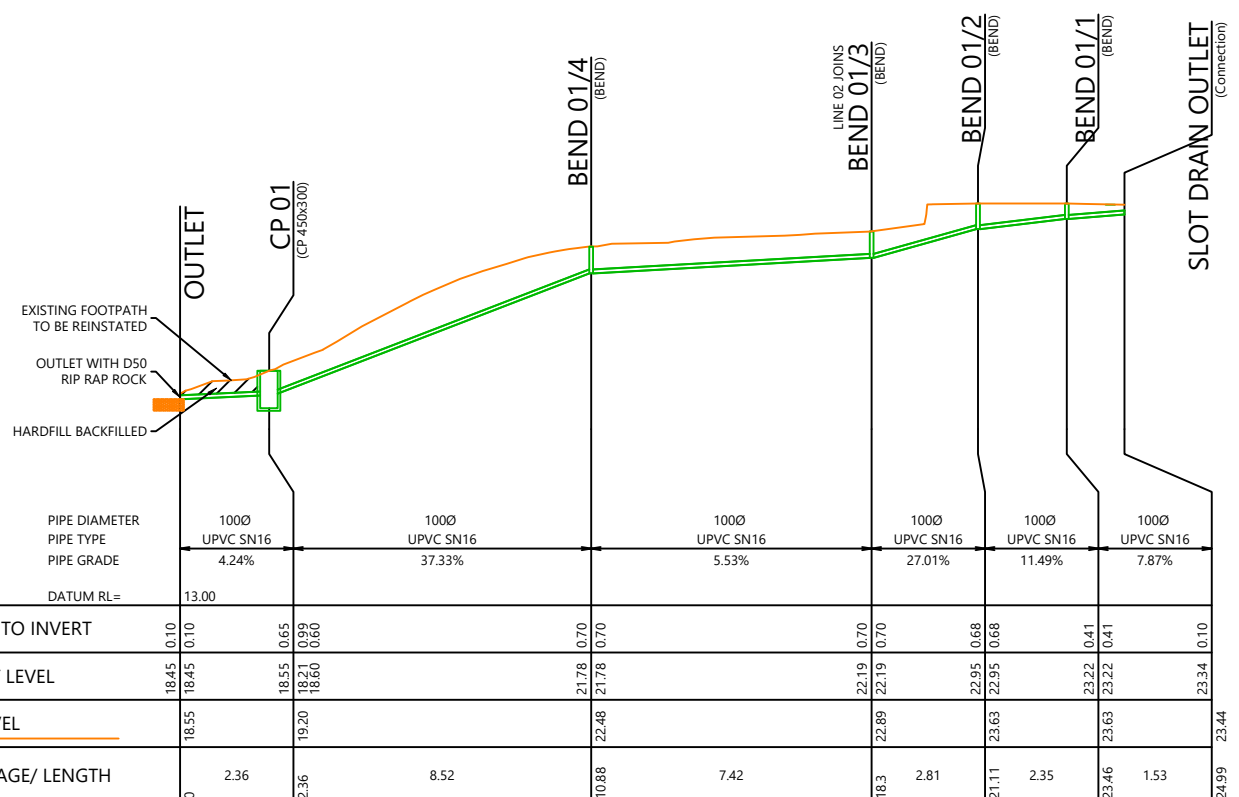


NATIONAL EREBUS MEMORIAL
 Ministry for Culture and Heritage
 PROPOSED DRAINAGE PLAN

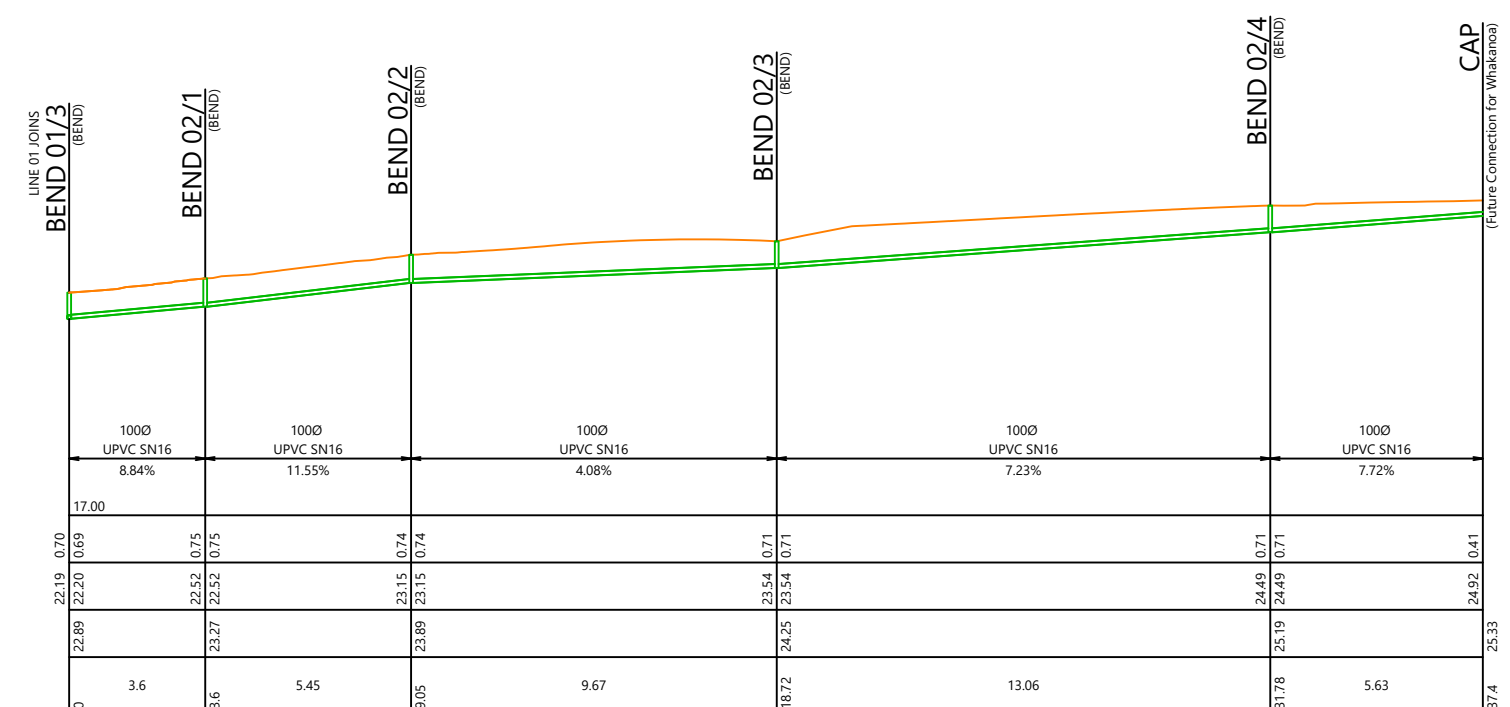
STATUS	ISSUED FOR CONSENT	REV
SCALE	1:200 @ A3	4
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P19-184-300-DR	

NOTES

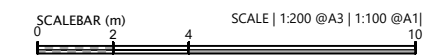
1. UNDERFILL DRAINAGE IS TO BE INSTALLED THE DIRECTION OF THE ENGINEER. IF THE CONTRACTOR COUNTERS SPRINGS OR OTHER SOURCES OF WATER HE IS TO NOTIFY THE ENGINEER.
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4. ALL WORKS, DESIGN AND MATERIALS TO COMPLY WITH CURRENT AUCKLAND COUNCIL STORMWATER CODE OF PRACTICE (AC SW COP).
5. BEDDING FOR STORMWATER TO COMPLY WITH AC SW COP.



01



02



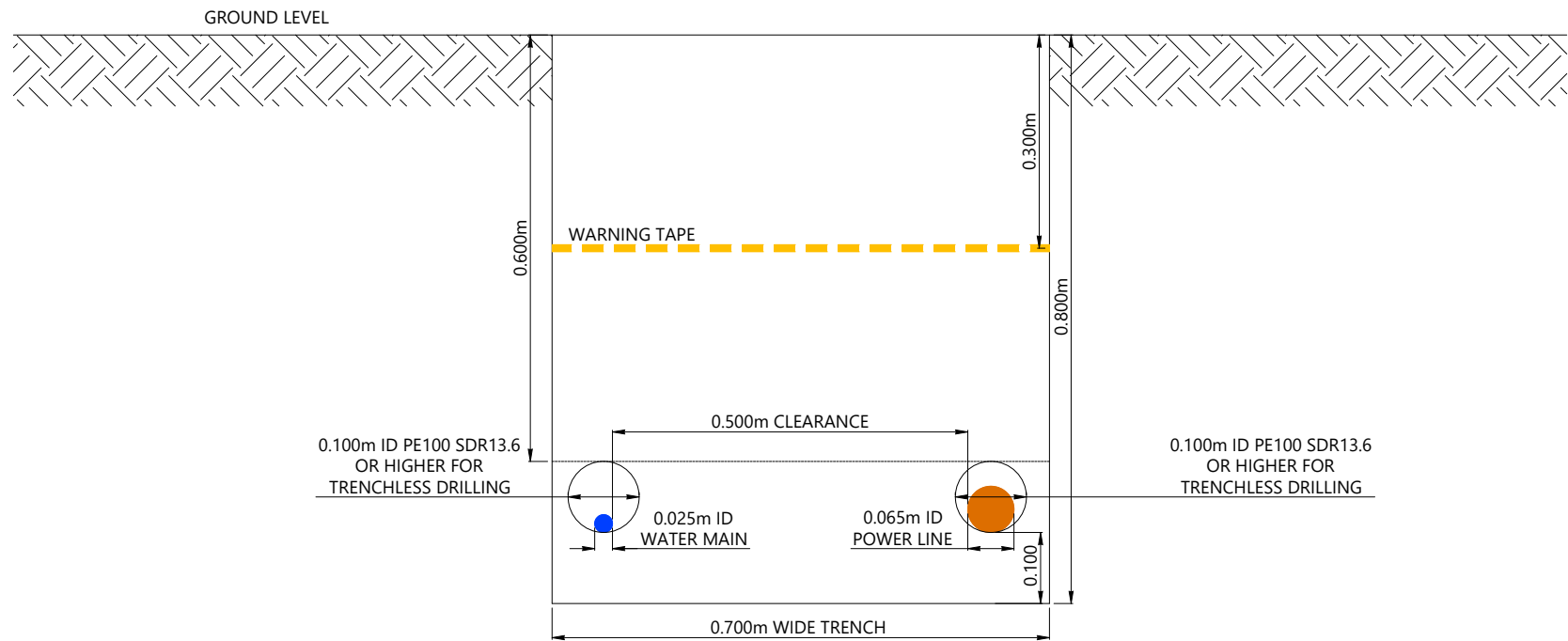
REVISION DETAILS	INT	DATE	SURVEYED	PL
1 ORIGINAL ISSUE	PL	29/08/19	DESIGNED	PL
			DRAWN	PL
			CHECKED	ER
			APPROVED	BF

2 JUDGES BAY ROAD
PARNELL
AUCKLAND

WOODS.CO.NZ

NATIONAL EREBUS MEMORIAL
Ministry for Culture and Heritage
PROPOSED DRAINAGE LONG SECTIONS

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:200 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P19-184-310-DR	

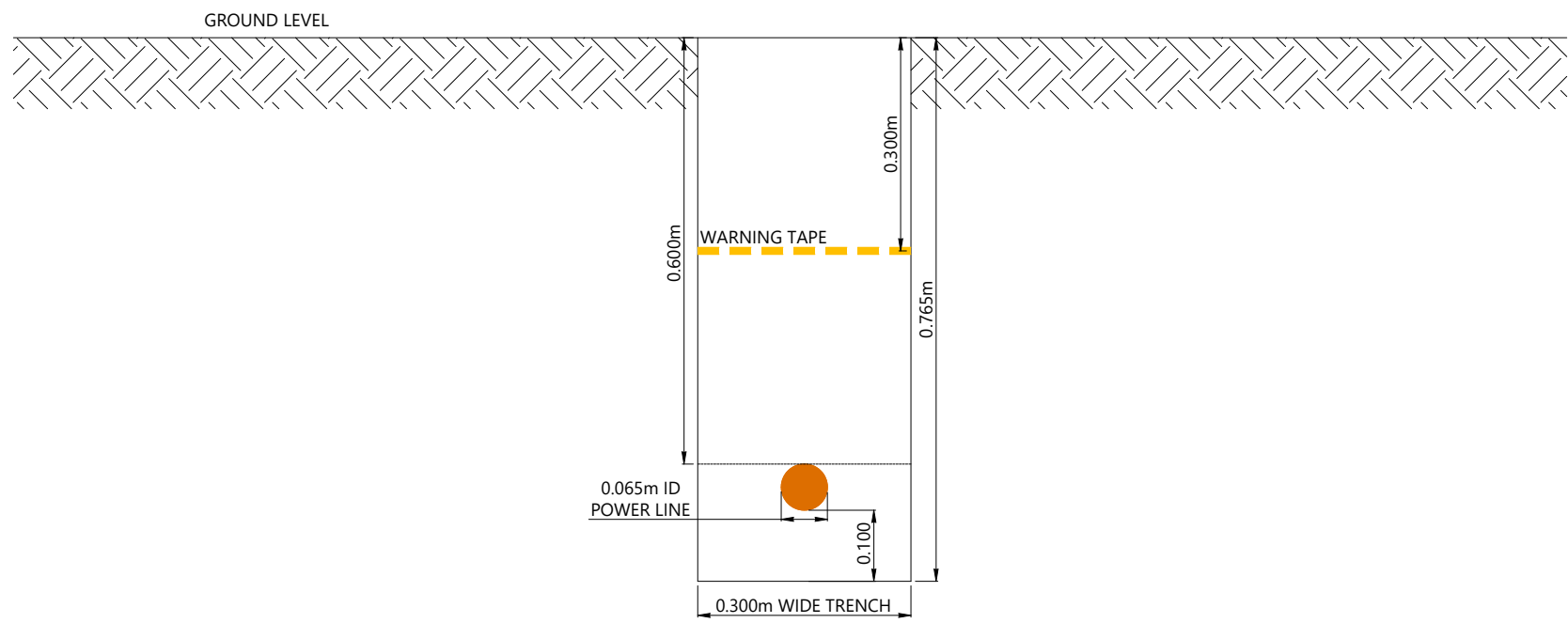


TYPICAL SERVICE TRENCH FOR WATER & POWER LINE
SCALE 1:10 (A3)

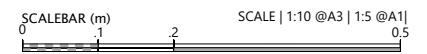
NOTES

1. REFER TO ECUBED COMBINED SERVICES SITE SERVICES LAYOUT AND SPECS FOR DETAILED DESIGN.
2. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL AND RELEVANT UTILITIES PROVIDER'S STANDARDS.
3. ALL BEDDING AND LAY REQUIREMENTS AS PER RELEVANT UTILITY COMPANY STANDARDS.
4. ALL CROSSINGS UNDER ROADS TO BE HARDFILL BACKFILLED. TRENCHES IN FRONT OF RETAINING WALLS TO BE HARDFILL BACKFILLED.
5. THIS PLAN IS TO BE READ IN CONJUNCTION WITH RELEVANT GAS, POWER, VECTOR COMMS AND TELECOM SERVICE DESIGN DRAWINGS. ANY AMBIGUITY IS TO BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
6. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING EXISTING SERVICES AND DRAINAGE ON SITE.
7. THE CONTRACTOR SHALL CLARIFY THE AREAS AND EXTENT OF CLEARING WITH THE ECUBED & SITE ENGINEER BEFORE COMMENCEMENT AND CONFIRM THAT ALL NECESSARY CONSENTS ARE IN PLACE.
8. PRIOR TO ANY WORKS IN THE RESERVE THE CONTRACTOR IS TO OBTAIN THE NECESSARY PERMITS AND PROVIDE THESE TO THE SITE ENGINEER.

LUC60345670
 Approved Resource Consent Plan
 18/03/2020



TYPICAL OPEN TRENCH FOR POWER LINE ONLY
SCALE 1:10 (A3)



REVISION DETAILS	INT	DATE	SURVEYED	PL	
1 ORIGINAL ISSUE	PL	09/09/19	DESIGNED	PL	2 JUDGES BAY ROAD PARNELL AUCKLAND
			DRAWN	PL	
			CHECKED	ER	
			APPROVED	BF	WOODS.CO.NZ



NATIONAL EREBUS MEMORIAL
 Ministry for Culture and Heritage
 TYPICAL SERVICE TRENCH FOR POWER AND WATER SUPPLY

STATUS	ISSUED FOR CONSENT	REV
SCALE	AS SHOWN	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P19-184-700-UT	