




- NOTES:**
- 1. ALL LEVELS ARE IN METRES AND DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
 - 2. LEVELS ARE TO AUCKLAND L&S 1946 DATUM.
 - 3. FOR PLANTING PLAN AND ARRANGEMENTS REFER TO LANDSCAPE DRAWINGS (BY OTHERS).
 - 4. FOR PROPOSED STREAM LONGITUDINAL SECTION REFER TO DRAWING 2011806.058. FOR PROPOSED STREAM CROSS CROSS SECTIONS REFER TO DRAWING 2011806.059 TO 2011806.066.
 - 5. FOR PROPOSED STORMWATER POND LONGITUDINAL SECTION REFER TO DRAWING 2011806.039. FOR PROPOSED STORMWATER POND CROSS SECTIONS (FLOOD STORAGE AREA) REFER TO DRAWING 2011806.019 TO .024.

- LEGEND**
- PROPOSED STREAM BENCH
 - PROPOSED STREAM LOW FLOW CHANNEL
 - PROPOSED STREAM CONTOURS
 - DESIGNATION BOUNDARY

TABLE OF COORDINATES		
ITEM	EASTING	NORTHING
SP01	1754049.864	5913630.699
SP02	1754043.231	5913638.187
SP03	1754034.461	5913650.886
SP04	1754021.126	5913671.531
SP05	1754017.753	5913675.215
SP06	1754009.342	5913687.704
SP07	1754005.954	5913691.771
SP08	1753996.867	5913700.257
SP09	1753989.822	5913709.040
SP10	1753987.194	5913715.491
SP11	1753978.423	5913726.296
SP12	1753969.008	5913738.581
SP13	1753963.647	5913746.389
SP14	1753965.141	5913753.522
SP15	1753984.625	5913765.632
SP16	1754003.509	5913778.870
SP17	1754012.060	5913784.849
SP18	1754016.189	5913789.358



BUN60444050
Approved Resource Consent Plan
02/09/2025

INFORMATION ISSUE

JACOBS AECOM

				DESIGNED	KL	11.23		
				DES. CHECKED	JEH	11.23		
				DRAWN	SS	11.23		
				DWG. CHECKED	PMF	11.23		
				PROJECT LEADER	PCM	11.23		
				INFRASTR APP'D	EB	11.23		
1	17.11.23	INFORMATION ISSUE	SS	JEH				
ISSUE	DATE	AMENDMENT	BY	APPD.	BY	DATE		



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MAY RD – CENTRAL INTERCEPTOR (DSCIN)
11 STORMWATER
SITE ECOLOGICAL ENHANCEMENTS LAYOUT PLAN

CAD FILE	2011806.057	DATE	17.11.23
ORIGINAL SCALE	A1	CONTRACT No.	6661
1:500			
REF. No.	CI-CIVIL	ISSUE	
DWG. No.	2011806.057		1

P:\01 Date: Nov 24, 2023 - 4:26pm C:\pwa_work\jeffrey.naviasa@jacobs.com\dms52365\201806.057.dwg

1. ALL LEVELS ARE IN METRES AND DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
2. LEVELS ARE TO AUCKLAND L&S 1946 DATUM.
3. CROSS SECTION MARKERS REFER TO DRAWING 2011806.057.

GEOTECHNICAL NOTES:

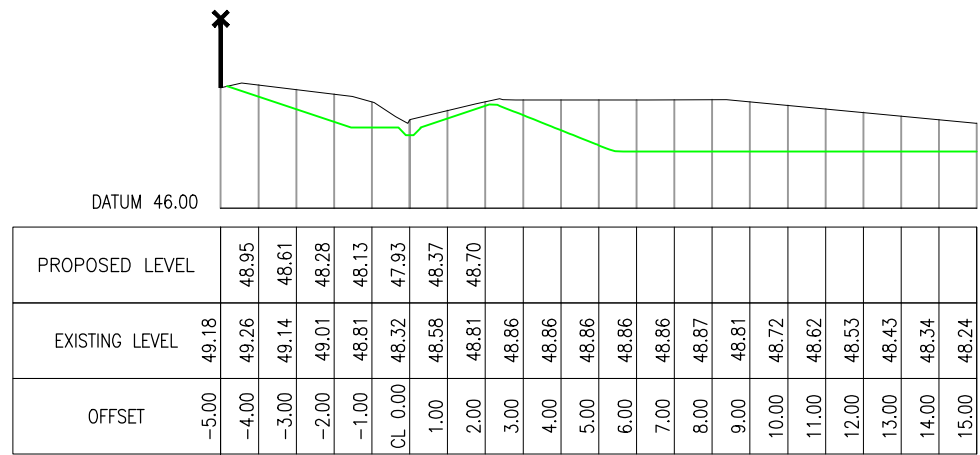
1. HOLD POINTS SHALL BE OBSERVED PRE-CONSTRUCTION. THIS SHALL INVOLVE INSPECTION BY AN EXPERIENCED ENGINEERING GEOLOGIST AND CARRYING OUT HAND AUGERS WITH SCALA DCP TESTING TO CONFIRM THE GROUND MODEL ASSUMED IN THE DESIGN.
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LEGEND:

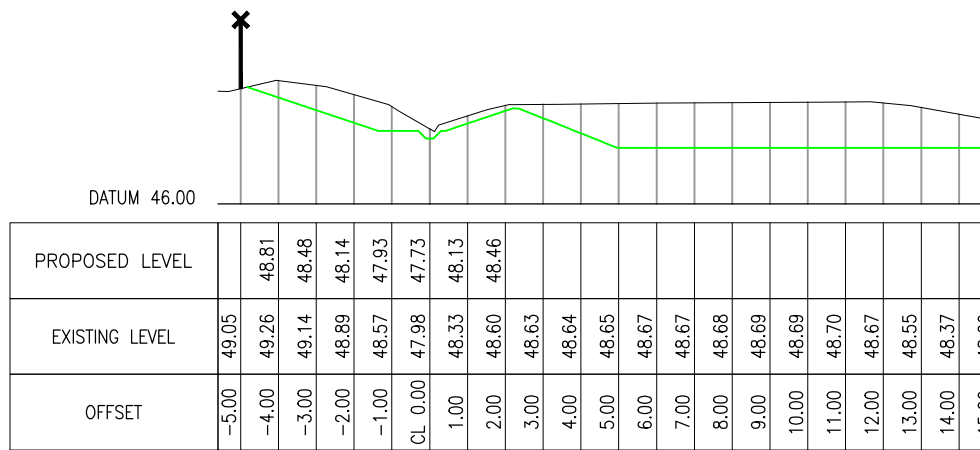
EXISTING GROUND PROFILE

PROPOSED FINISHED GROUND PROFILE

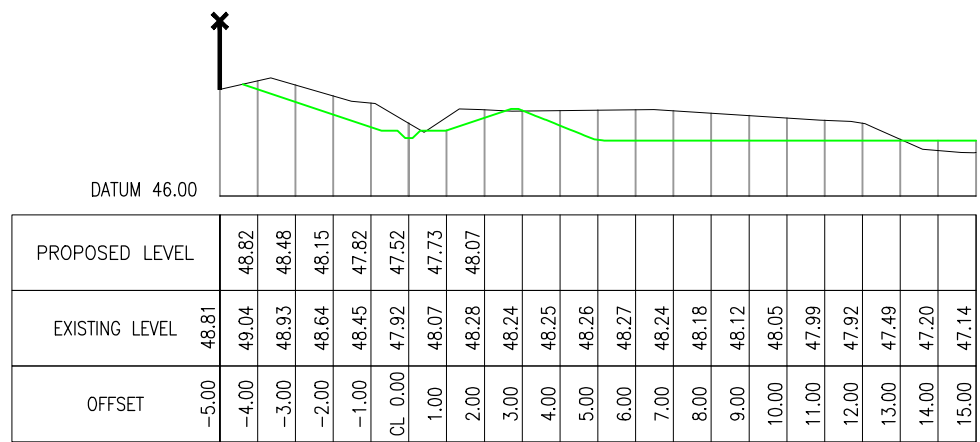
PROPERTY BOUNDARY



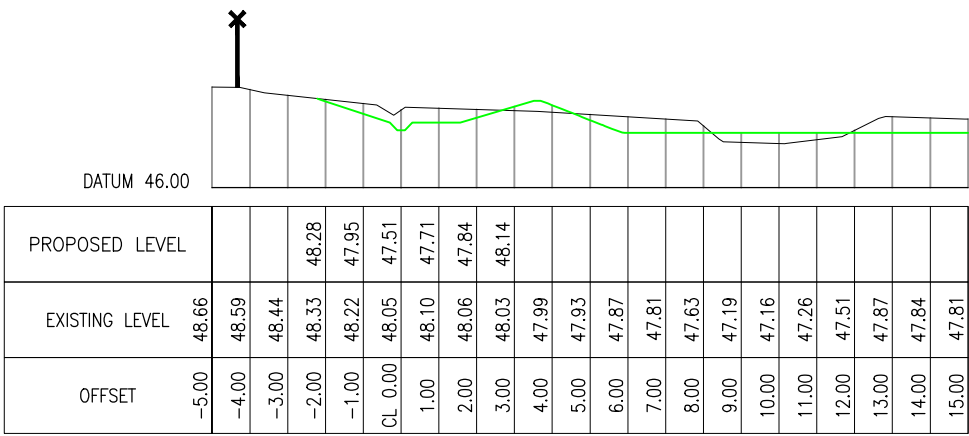
SECTION 13 (CH 160.00)



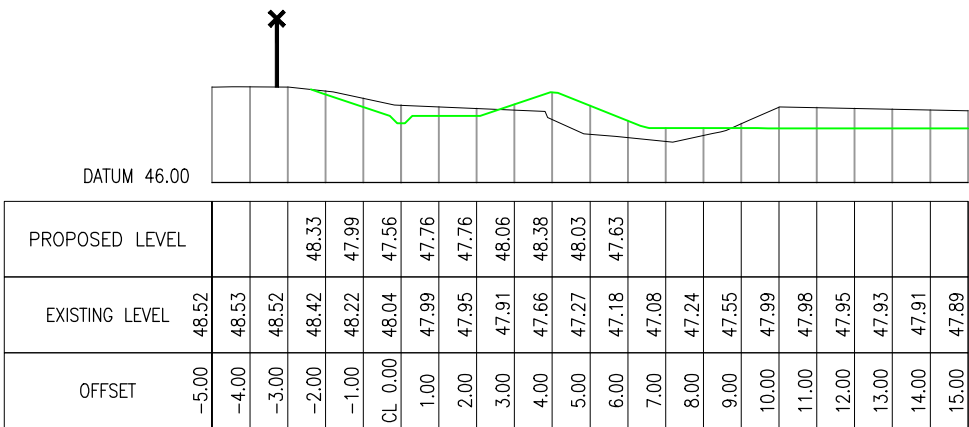
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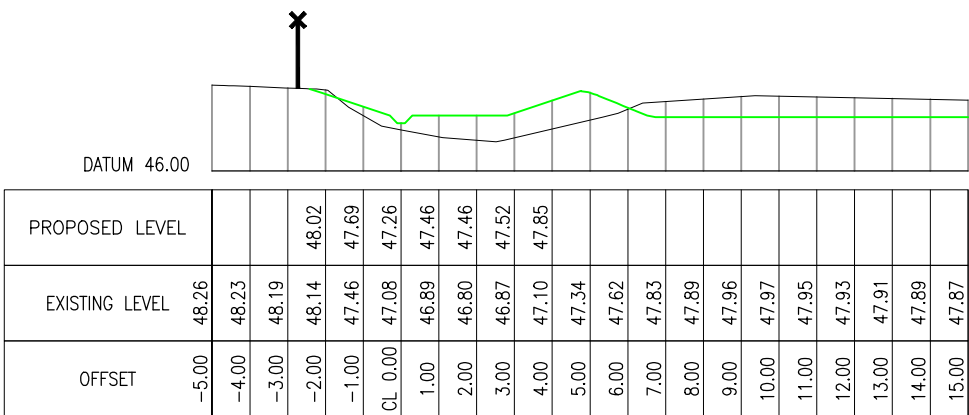
SECTION 15 (CH 170.00)



SECTION 16 (CH 175.00)



SECTION 17 (CH 180.00)



SECTION 18 (CH 185.00)


SCALE 1:100 (A1)

INFORMATION ISSUE



CAD FILE 2011806.061		DATE 17.11.23
ORIGINAL SCALE A1 1:100	CONTRACT No. 6661	
REF. No. CI-CIVIL		ISSUE
DWG. No. 2011806.061	1	

					DESIGNED	KL	11.23
					DES. CHECKED	JEH	11.23
					DRAWN	SS	11.23
					DWG. CHECKED	PMF	11.23
					PROJECT LEADER	PCM	11.23
1	17.11.23	INFORMATION ISSUE	SS	JEH	INFRAS'T'R APP'D	EB	11.23
ISSUE	DATE	AMENDMENT	BY	APPD.		BY	DATE

	 Watercare
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MAY RD - CENTRAL INTERCEPTOR (DSCIN)
11 STORMWATER

SITE ECOLOGICAL ENHANCEMENTS – CROSS SECTIONS SHEET 3 OF 8

1. ALL LEVELS ARE IN METRES AND DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
2. LEVELS ARE TO AUCKLAND L&S 1946 DATUM.
3. CROSS SECTION MARKERS REFER TO DRAWING 2011806.057.

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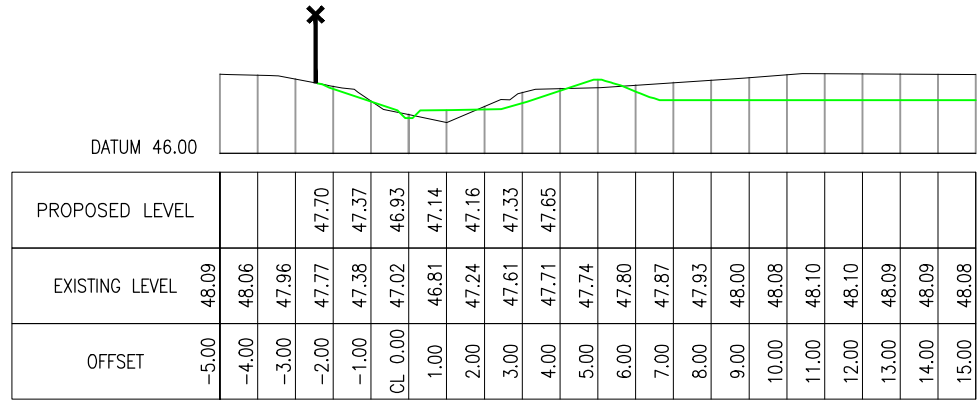
1. HOLD POINTS SHALL BE OBSERVED PRE-CONSTRUCTION. THIS SHALL INVOLVE INSPECTION BY AN EXPERIENCED ENGINEERING GEOLOGIST AND CARRYING OUT HAND AUGERS WITH SCALA DCP TESTING TO CONFIRM THE GROUND MODEL ASSUMED IN THE DESIGN.
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LEGEND:

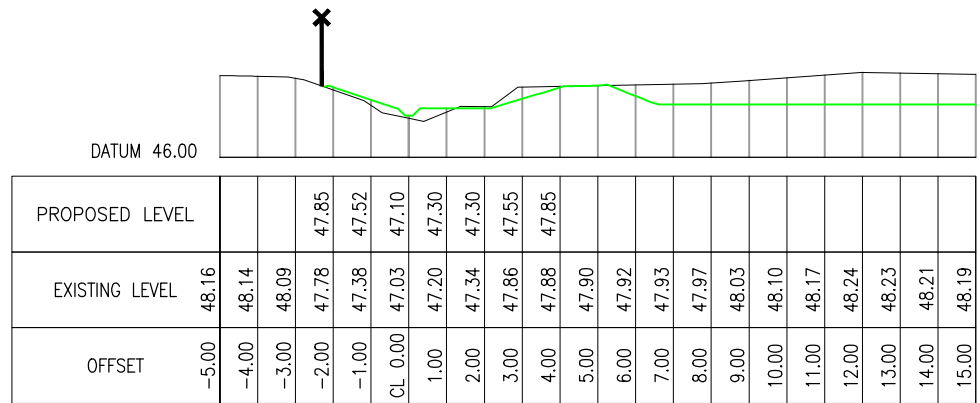
EXISTING GROUND PROFILE

PROPOSED FINISHED GROUND PROFILE

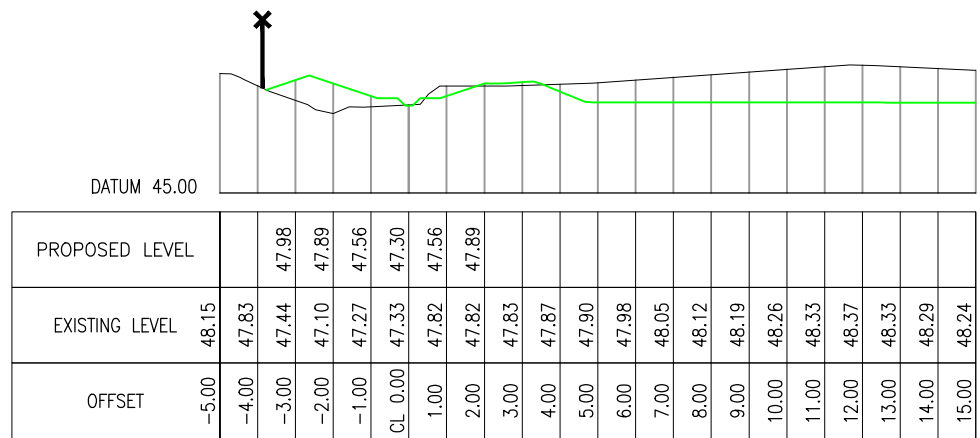
PROPERTY BOUNDARY



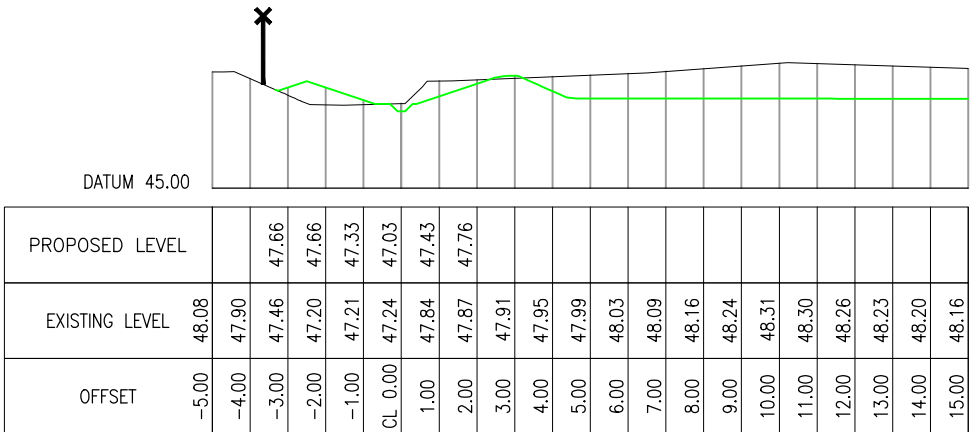
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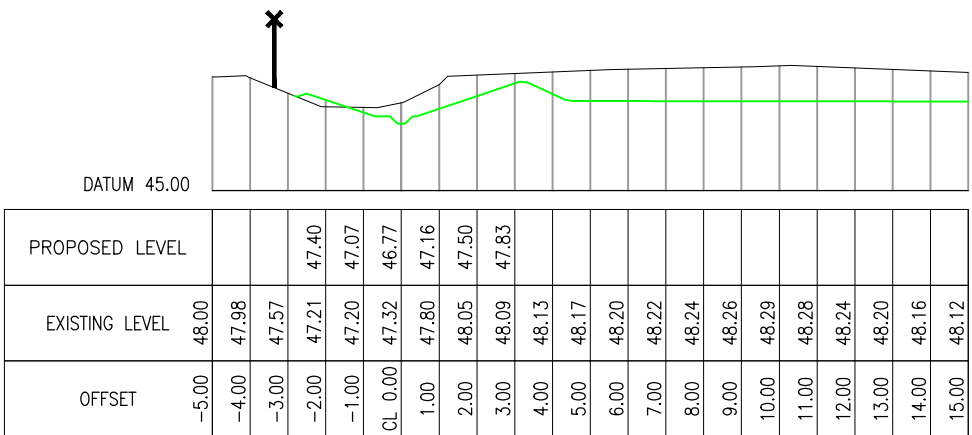
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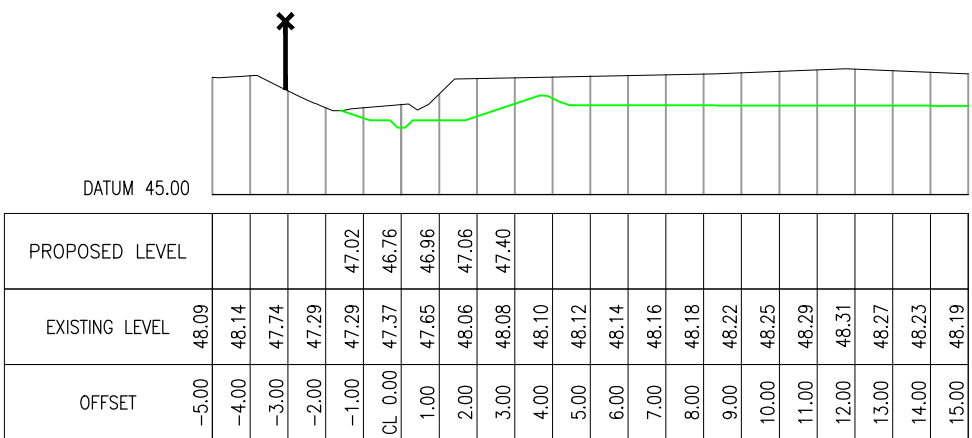
SECTION 21 (CH 200.00)



SECTION 22 (CH 205.00)




SECTION 23 (CH 210.00)




SECTION 24 (CH 215.00)

SCALE 1:100 (A1)



INFORMATION ISSUE



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				DES. CHECKED	JEH	11.23	ORIGINAL SCALE A1				CONTRACT No.			
				DRAWN	SS	11.23	1:100				6661			
				DWG. CHECKED	PMF	11.23	REF. No.				ISSUE			
				PROJECT LEADER	PCM	11.23	CI-CIVIL							
1	17.11.23	INFORMATION ISSUE		SS	JEH	INFRAS'T'R APP'D	EB	11.23	INFRASTRUCTURE			DWG. No.	2011806.062	1
ISSUE	DATE	AMENDMENT		BY	APPD.		BY	DATE						

1. ALL LEVELS ARE IN METRES AND DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
2. LEVELS ARE TO AUCKLAND L&S 1946 DATUM.
3. CROSS SECTION MARKERS REFER TO DRAWING 2011806.057.

GEOTECHNICAL NOTES:

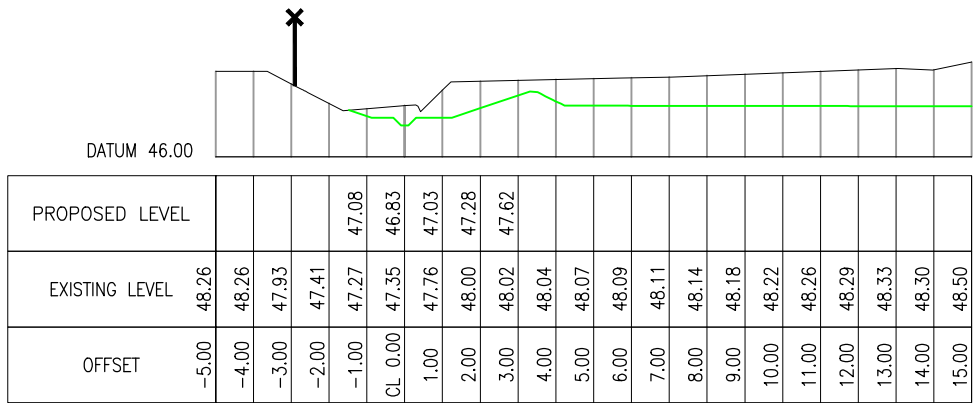
1. HOLD POINTS SHALL BE OBSERVED PRE-CONSTRUCTION. THIS SHALL INVOLVE INSPECTION BY AN EXPERIENCED ENGINEERING GEOLOGIST AND CARRYING OUT HAND AUGERS WITH SCALA DCP TESTING TO CONFIRM THE GROUND MODEL ASSUMED IN THE DESIGN.
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LEGEND:

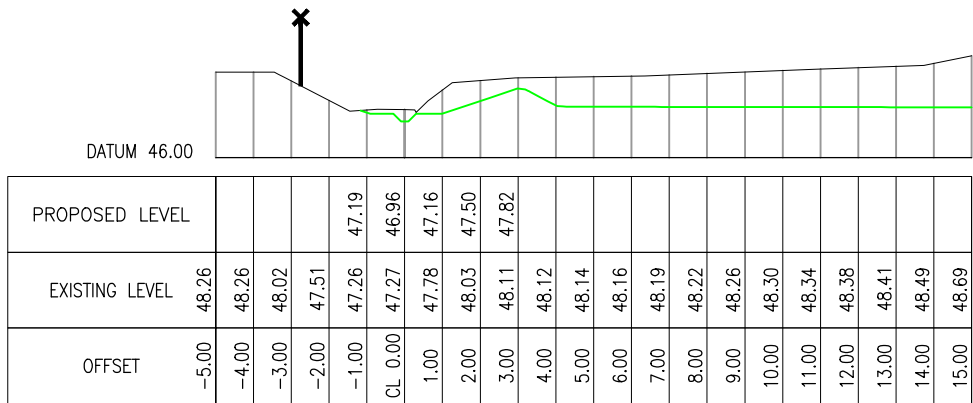
EXISTING GROUND PROFILE

PROPOSED FINISHED GROUND PROFILE

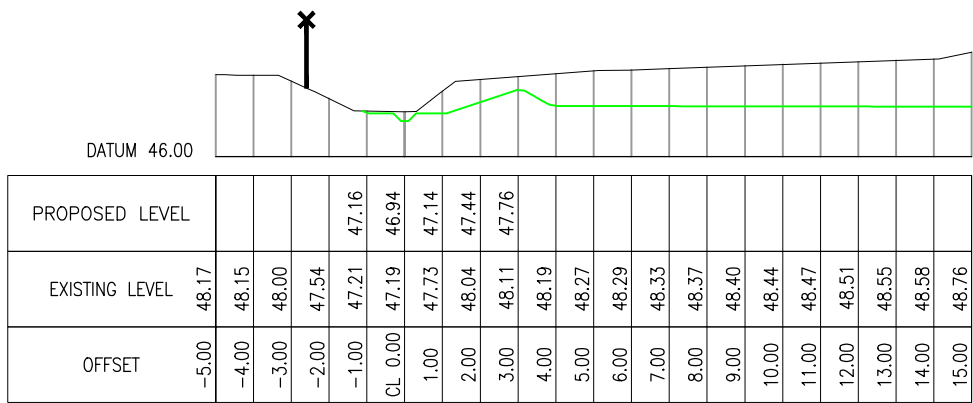
PROPERTY BOUNDARY



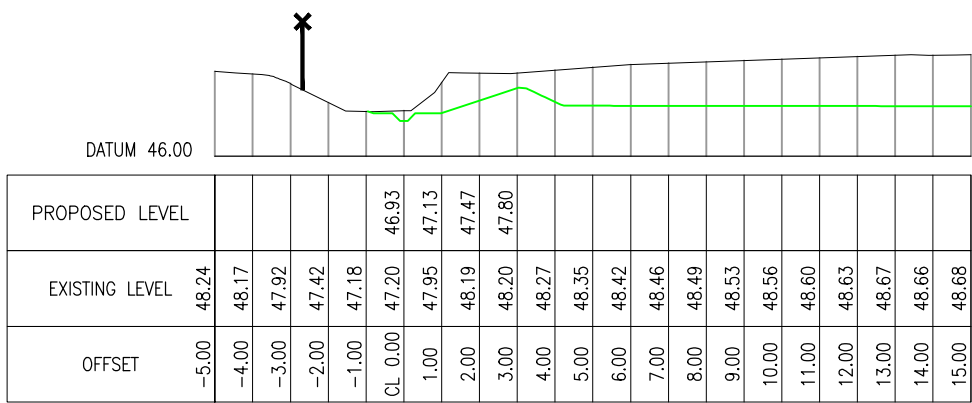
SECTION 25 (CH 220.00)



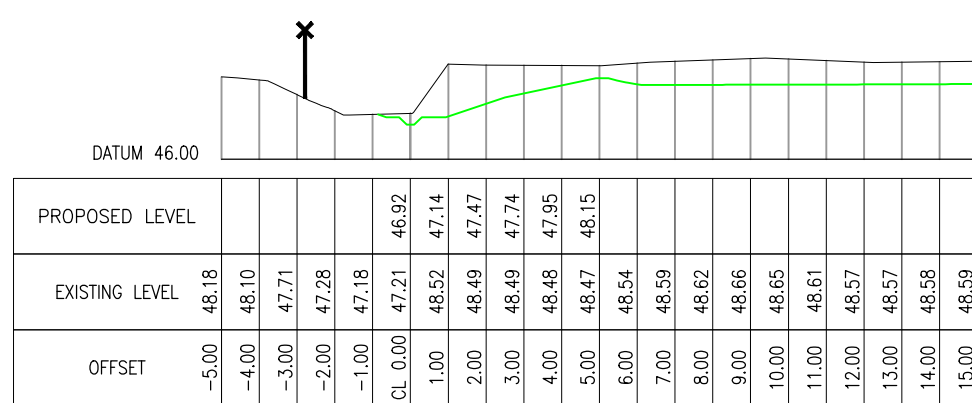
SECTION 26 (CH 225.00)



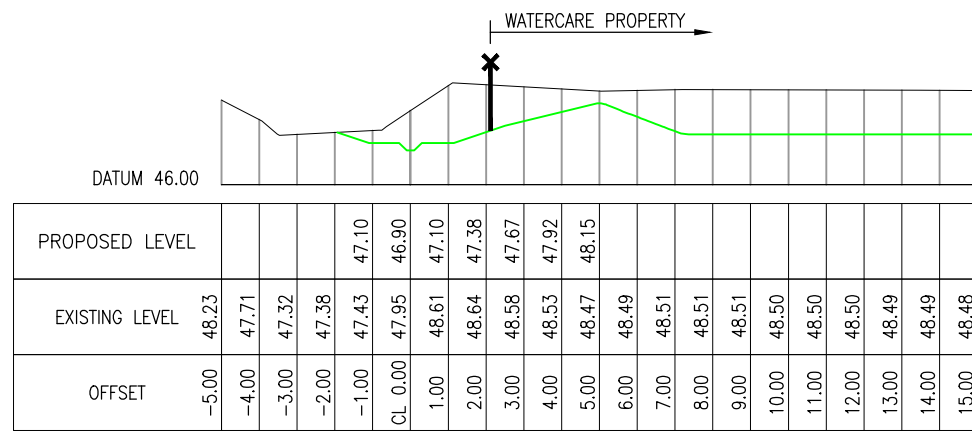
SECTION 27 (CH 230.00)



SECTION 28 (CH 235.00)




SECTION 29 (CH 240.00)



SECTION 30 (CH 245.00)

SCALE 1:100 (A1)



INFORMATION ISSUE


CAD FILE 2011806.063	DATE 17.11.23
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ORIGINAL SCALE A1 1:100	CONTRACT No. 6661
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REF. No.	C1-CIVIL	ISSUE
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DWG. No.	2011806.063	1
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					DES. CHECKED	JEH	11.23
					DRAWN	SS	11.23
					DWG. CHECKED	PMF	11.23
					PROJECT LEADER	PCM	11.23
1	17.11.23	INFORMATION ISSUE	SS	JEH	INFRAS'T'R APP'D	EB	11.23
ISSUE	DATE	AMENDMENT	BY	APPD.		BY	DATE

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OPERATIONS	
INFRASTRUCTURE	

MAY RD – CENTRAL INTERCEPTOR (DSCIN)
11 STORMWATER

SITE ECOLOGICAL ENHANCEMENTS – CROSS SECTIONS SHEET 5 OF 8

1. ALL LEVELS ARE IN METRES AND DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
2. LEVELS ARE TO AUCKLAND L&S 1946 DATUM.
3. CROSS SECTION MARKERS REFER TO DRAWING 2011806.057.

GEOTECHNICAL NOTES:

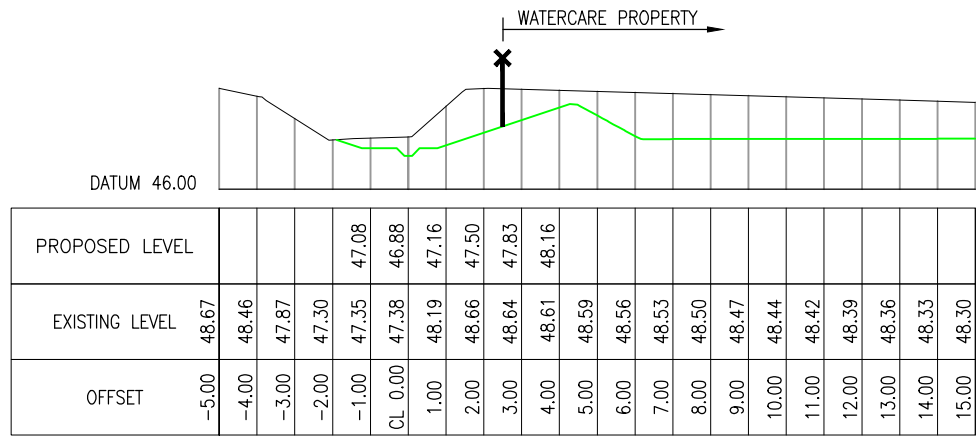
1. HOLD POINTS SHALL BE OBSERVED PRE-CONSTRUCTION. THIS SHALL INVOLVE INSPECTION BY AN EXPERIENCED ENGINEERING GEOLOGIST AND CARRYING OUT HAND AUGERS WITH SCALA DCP TESTING TO CONFIRM THE GROUND MODEL ASSUMED IN THE DESIGN.
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LEGEND:

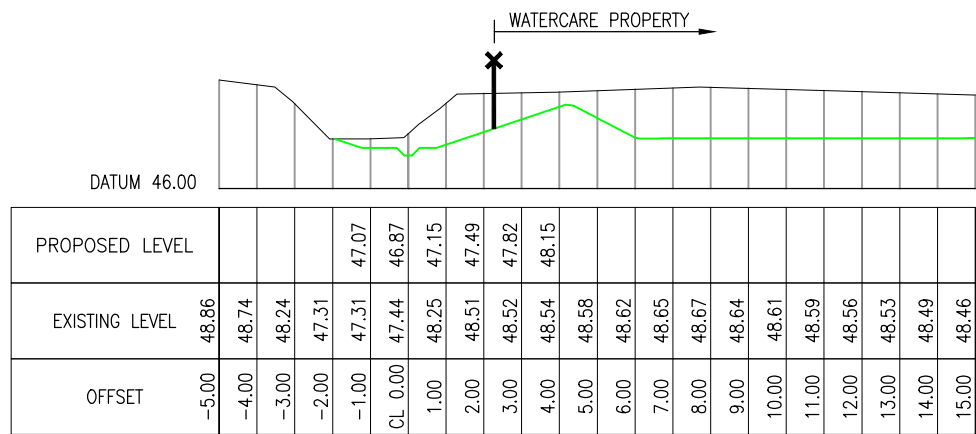
EXISTING GROUND PROFILE

PROPOSED FINISHED GROUND PROFILE

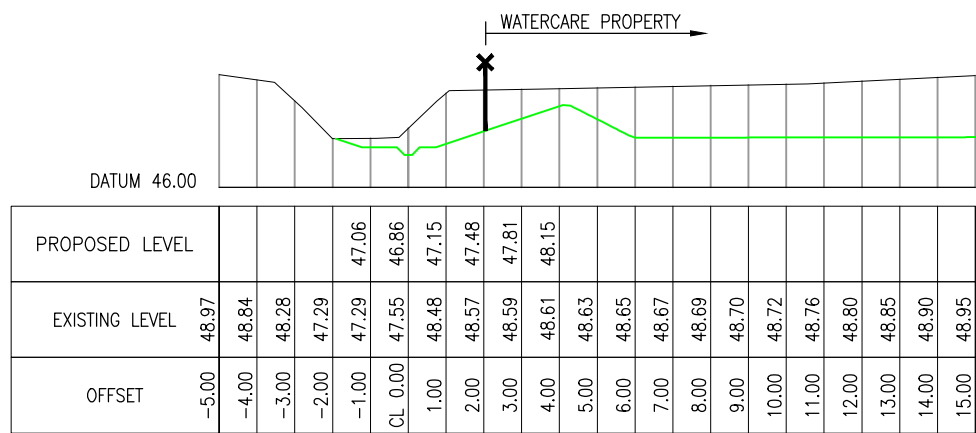
PROPERTY BOUNDARY



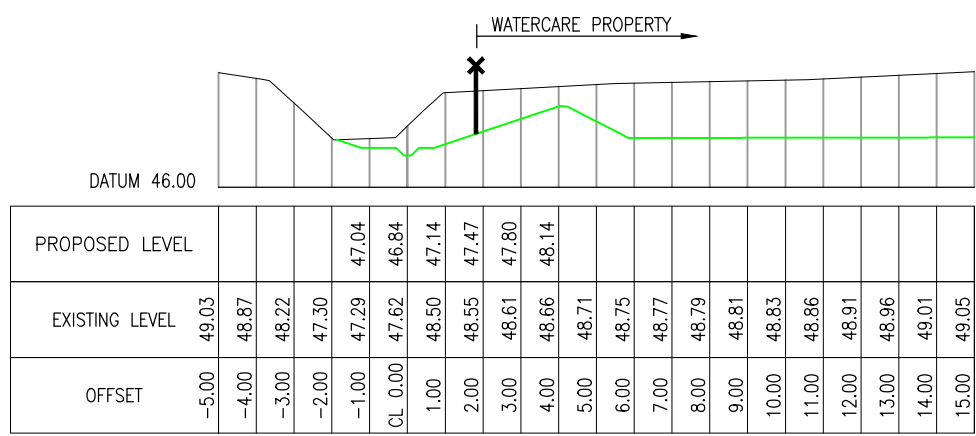
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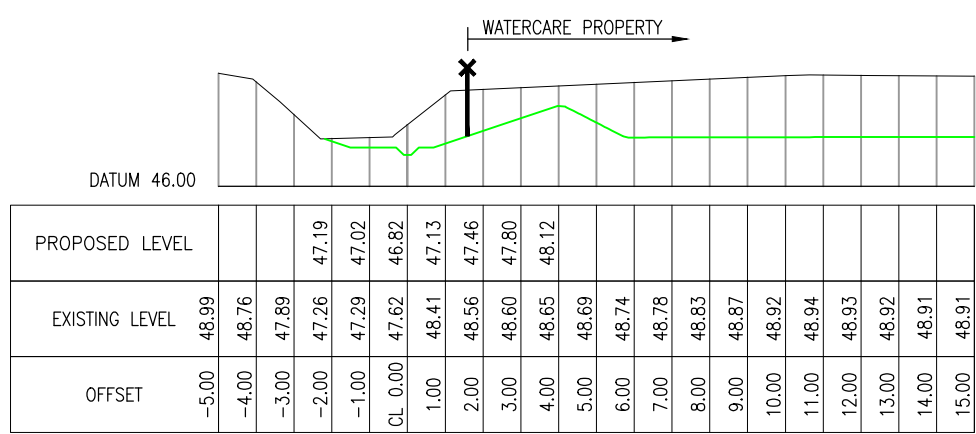
SECTION 32 (CH 255.00)



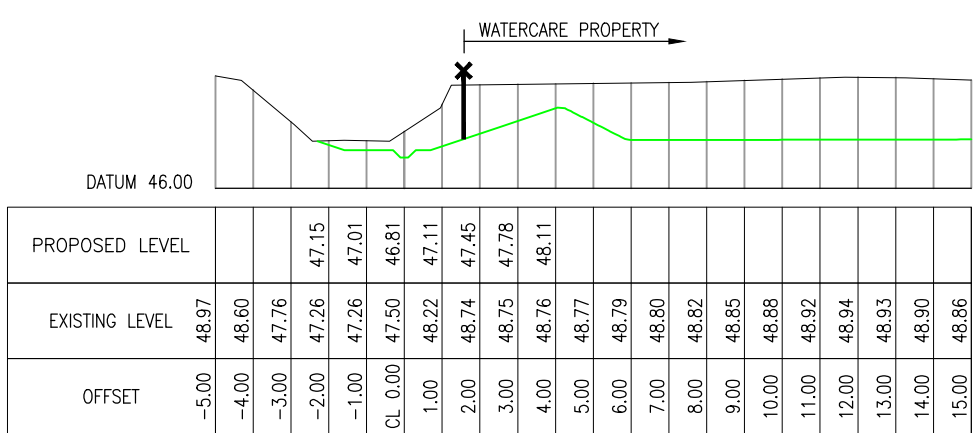
SECTION 33 (CH 260.00)



SECTION 34 (CH 265.00)



SECTION 35 (CH 270.00)



SECTION 36 (CH 275.00)

SCALE 1:100 (A1)

INFORMATION ISSUE


CAD FILE 2011806.064 DATE 17.11.23

ORIGINAL SCALE A1 1:100	CONTRACT No. 6661
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REF. No.	CI-CIVIL	ISSUE
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DWG. No.	2011806_064	1
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ISSUE	DATE	AMENDMENT	BY	APPD.		BY	DATE

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11 STORMWATER

SITE ECOLOGICAL ENHANCEMENTS – CROSS SECTIONS SHEET 6 OF 8

1. ALL LEVELS ARE IN METRES AND DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
2. LEVELS ARE TO AUCKLAND L&S 1946 DATUM.
3. CROSS SECTION MARKERS REFER TO DRAWING 2011806.057.

GEOTECHNICAL NOTES:

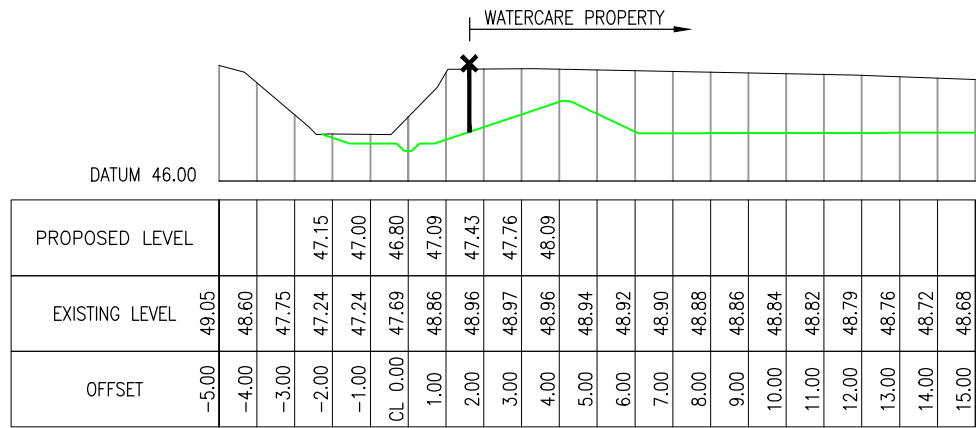
1. HOLD POINTS SHALL BE OBSERVED PRE-CONSTRUCTION. THIS SHALL INVOLVE INSPECTION BY AN EXPERIENCED ENGINEERING GEOLOGIST AND CARRYING OUT HAND AUGERS WITH SCALA DCP TESTING TO CONFIRM THE GROUND MODEL ASSUMED IN THE DESIGN.
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LEGEND:

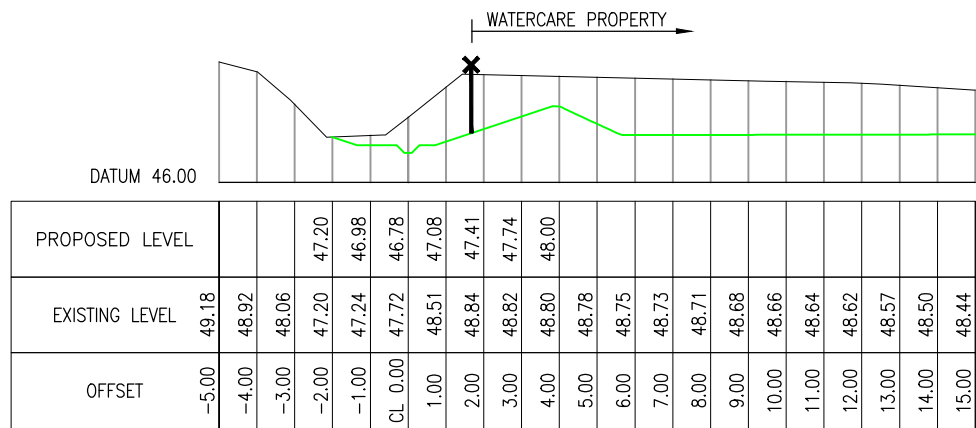
EXISTING GROUND PROFILE

PROPOSED FINISHED GROUND PROFILE

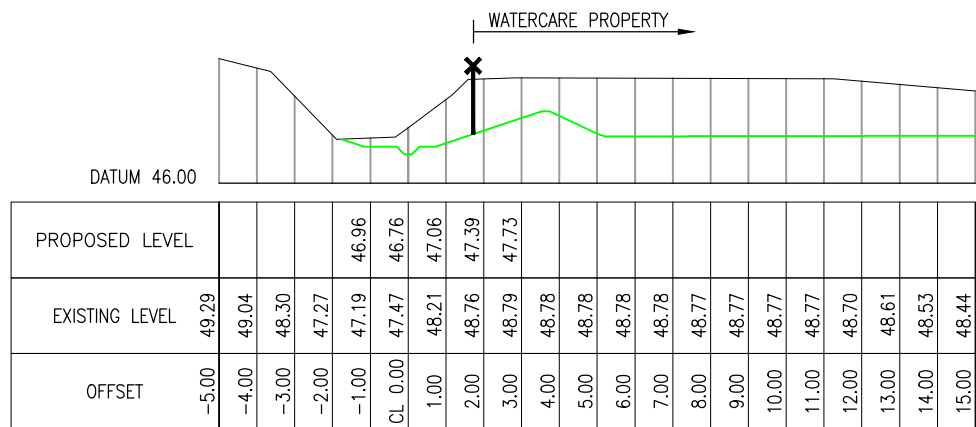
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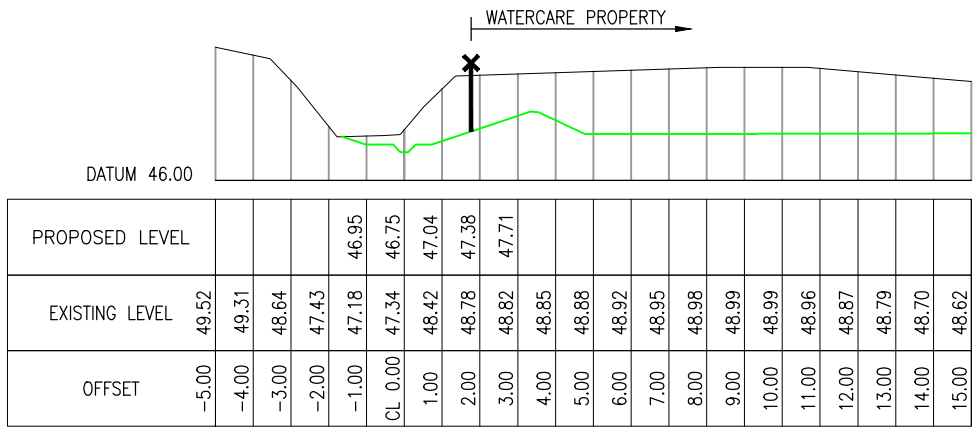
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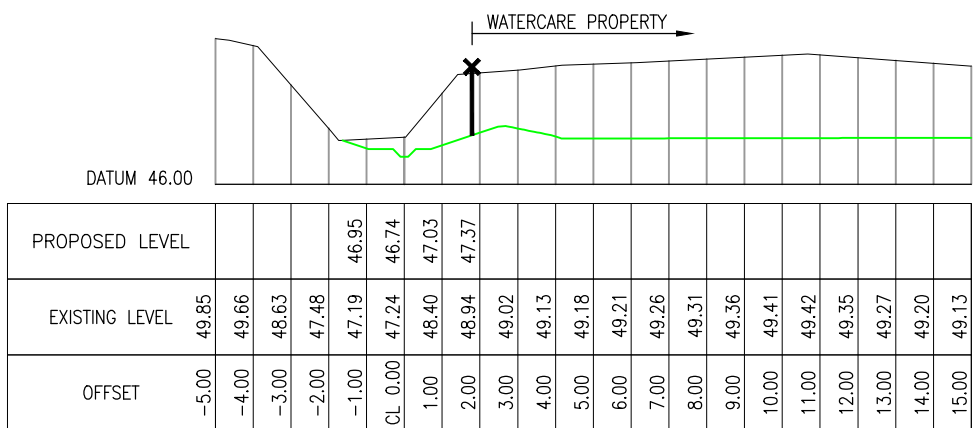
SECTION 38 (CH 285.00)



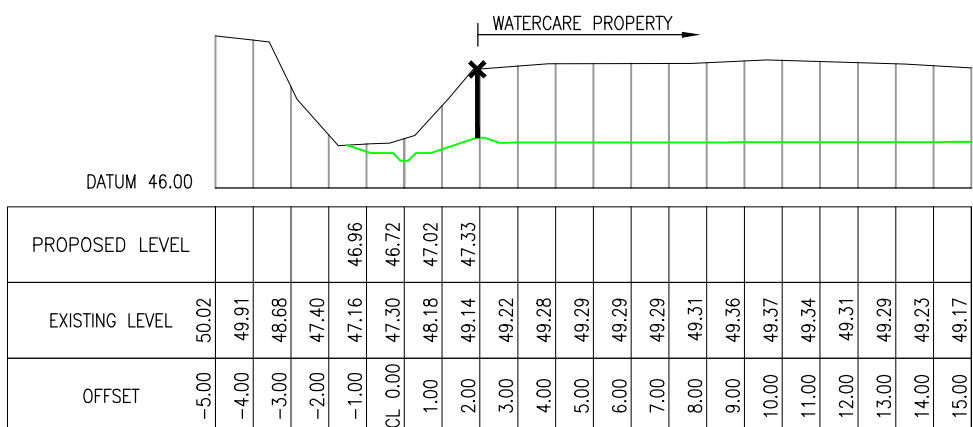
SECTION 39 (CH 290.00)



SECTION 40 (CH 295.00)



SECTION 41 (CH 300.00)



SECTION 42 (CH 305.00)

SCALE 1:100 (A1)

INFORMATION ISSUE

CAD FILE 2011806.065		DATE 17.11.23
ORIGINAL SCALE A1 1:100	CONTRACT No. 6661	
REF. No.	CI-CIVIL	ISSUE
DWG. No.	2011806.065	1

					DESIGNED	KL	11.23	OPERATIONS
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					DRAWN	SS	11.23	
					DWG. CHECKED	PMF	11.23	
					PROJECT LEADER	PCM	11.23	INFRASTRUCTURE
1	17.11.23	INFORMATION ISSUE	SS	JEH	INFRASTR'R APP'D	EB	11.23	
ISSUE	DATE	AMENDMENT	BY	APPD.		BY	DATE	



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MAY RD – CENTRAL INTERCEPTOR (DSCIN)
11 STORMWATER

SITE ECOLOGICAL ENHANCEMENTS – CROSS SECTIONS SHEET 7 OF 8

1. ALL LEVELS ARE IN METRES AND DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
2. LEVELS ARE TO AUCKLAND L&S 1946 DATUM.
3. CROSS SECTION MARKERS REFER TO DRAWING 2011806.057.

GEOTECHNICAL NOTES:

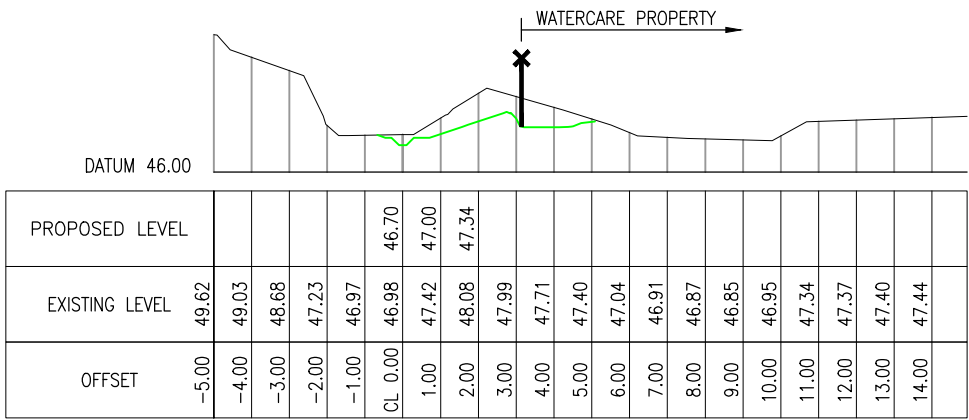
1. HOLD POINTS SHALL BE OBSERVED PRE-CONSTRUCTION. THIS SHALL INVOLVE INSPECTION BY AN EXPERIENCED ENGINEERING GEOLOGIST AND CARRYING OUT HAND AUGERS WITH SCALA DCP TESTING TO CONFIRM THE GROUND MODEL ASSUMED IN THE DESIGN.
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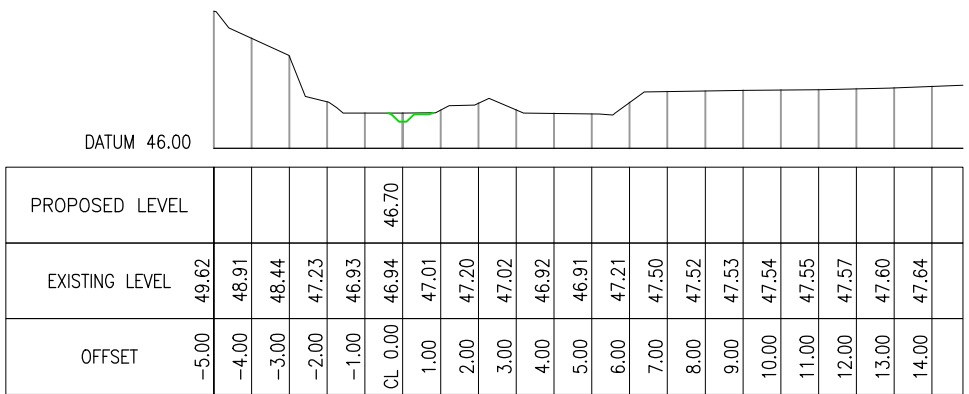
EXISTING GROUND PROFILE

PROPOSED FINISHED GROUND PROFILE

PROPERTY BOUNDARY



SECTION 43 (CH 310.00)



SECTION 44 (CH 310.73)

SCALE 1:100 (A1)

2 1 0 2 4 6 8 10m

INFORMATION ISSUE




				DESIGNED	KL	11.23	OPERATIONS	 Watercare COPYRIGHT – This drawing, the design concept, remain the exclusive property of Watercare Services Limited and may not be used without approval. Copyright reserved.	MAY RD – CENTRAL INTERCEPTOR (DSCIN) 11 STORMWATER SITE ECOLOGICAL ENHANCEMENTS – CROSS SECTIONS SHEET 8 OF 8	CAD FILE 2011806.066 DATE 17.11.23	
				DES. CHECKED	JEH	11.23				ORIGINAL SCALE A1 1:100	CONTRACT No. 6661
				DRAWN	SS	11.23				REF. No. CI-CIVIL	ISSUE
				DWG. CHECKED	PMF	11.15					
				PROJECT LEADER	PCM	11.23					
1	17.11.23	INFORMATION ISSUE	MB	JEH	INFRAS'T'R APP'D	EB	11.23	INFRASTRUCTURE		DWG. No. 2011806.066	1
ISSUE	DATE	AMENDMENT	BY	APPD.		BY	DATE				

-
- The diagram illustrates a cross-section of a stream enhancement project. Key features include:
- EXISTING GROUND:** Represented by a hatched area on the left.
 - EXTENT OF STREAM ENHANCEMENTS:** Indicated by vertical dashed lines.
 - PROPOSED GROUND MIN 1:3:** Slopes on either side of the stream bed.
 - PLANTING BY OTHERS REFER TO NOTE 3:** Green grass-like symbols along the upper slopes.
 - VARIES MIN 400:** Dimensions for the upper slope sections.
 - 600:** Dimension for the central stream bed section.
 - PROPOSED BENCH:** Flat areas on the slopes.
 - PROPOSED LOW FLOW CHANNEL:** A 200-unit wide channel at the bottom of the stream bed.
 - PROPOSED GROUND MIN 1:3:** Slopes on the right side of the stream bed.
 - PROPOSED STORMWATER POND BASE REFER NOTE 4:** A flat area at the far right.

SCALE 1:10 (A1)

0 0.2 0.4 0.6 0.8 1.0m

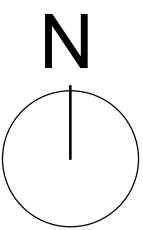
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					DESIGNED	KL	11.23	OPERATIONS	<div> Watercare <small>COPYRIGHT - This drawing, the design concept, remain the exclusive property of Watercare Services Limited and may not be used without approval. Copyright reserved.</small></div>	MAY RD – CENTRAL INTERCEPTOR (DSCIN) 11 STORMWATER SITE ECOLOGICAL ENHANCEMENTS – TYPICAL DETAILS	CAD FILE 2011806.067		DATE 17.11.23	
				DES. CHECKED	JEH	11.23	ORIGINAL SCALE A1 1:10				CONTRACT No. 6661			
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				PROJECT LEADER	PCM	11.23								
1	17.11.23	INFORMATION ISSUE		MB	JEH	INFRASTR APP'D	EB	11.23	INFRASTRUCTURE			DWG. No.	2011806.067	1
ISSUE	DATE		AMENDMENT	BY	APPD.		BY	DATE						

Plot Date: Nov 24, 2023 - 3:02pm C:\p_w\work\jeffrey.navisa@jacobs.com\dms52365\ 201806.067.dwg

MAY ROAD ECOLOGICAL STREAM ENHANCEMENT

MOUNT ROSKILL, AUCKLAND



LANDSCAPE DRAWINGS FOR RESOURCE CONSENT
22 MARCH 2024
REVISION A

BECA PROJECT NUMBER: 3126161

PREPARED FOR:
WATERCARE SERVICES LIMITED
CONTACT: SHALINI SANJESHNI
ENVIRONMENTAL LEAD - CENTRAL INTERCEPTOR



PREPARED BY:
BECA LTD
21 PITT ST
AUCKLAND 1010



GENERAL NOTES

- DRAWINGS FOR RESOURCE CONSENT ONLY, NOT FOR CONSTRUCTION.
- LEVELS AND DRAINAGE SHOWN INDICATIVE ONLY/ REFER TO JACOBS CIVIL DRAWINGS FOR ALL DRAINAGE AND LEVELS INFORMATION.

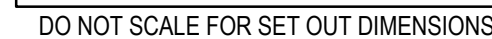


LOCATION OF ECOLOGICAL STREAM ENHANCEMENT
SITE ACCESSED FROM ROMA ROAD, MOUNT ROSKILL

SCALE 1:1000@A1, 1:2000 @A3












DRAWING LIST

DWG No.	TITLE	ISSUE
AL-001	COVER SHEET	A
AL-002	SITE PLAN	A
AL-003	PLANTING PLAN 1	A
AL-004	PLANTING PLAN 2	A
AL-005	PLANTING PLAN 3	A
AL-006	TYPICAL CROSS SECTIONS	A
AL-007	PLANTING SCHEDULE	A



RESOURCE CONSENT
NOT FOR CONSTRUCTION

LEGEND

-  LANDSCAPE EXTENT OF WORKS
 PARCEL BOUNDARY
 STREAM BASE CHANNEL (UNPLANTED)
 (PM1) BASALT POCKET PLANTING MIX
 (PM2) HIGH FLOOD FREQUENCY PLANTING MIX
 (PM3) LOWER STREAM TERRACE PLANTING MIX
 (PM4) STREAM EMBANKMENT PLANTING MIX
 EXTERNAL FLOW INPUTS
 *GRISELINIA LUCIDA*
 *HEBE STRICTA*
 *LEPTOSPERMUM SCOPARIUM*












NOTES:

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ent:		WATERCARE	
ject:		MAY ROAD STREAM ECOLOGICAL ENHANCEMENT	
le:		MAY ROAD STREAM	
discipline		LANDSCAPE ARCHITECTURE	
rawing No.		Beca Project Number:	
AL-002		Rev. A	



LEGEND

-  LANDSCAPE EXTENT OF WORKS
 PARCEL BOUNDARY
 STREAM BASE CHANNEL (UNPLANTED)
 (PM1) BASALT POCKET PLANTING MIX
 (PM2) HIGH FLOOD FREQUENCY PLANTING MIX
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NOTES:

A	INTERNAL REVIEW						
No.	Revision	By	Chk	Appd	Date		

Original Scale (A1) 1:100	Design	RC	04.2.23	Approved For Construction*
	Drawn	EB	04.12.23	
Reduced Scale (A3) 1:200	Dwg Verifier			Date
	Drg Check			
* Refer to Revision 1 for Original Signature				



Client:	WATERCARE
Project:	MAY ROAD STREAM ECOLOGICAL ENHANCEMENT

Title: MAY ROAD STREAM DETAILED PLAN 1		
Discipline: LANDSCAPE ARCHITECTURE		
Drawing No. AL-003	Beca Project Number:	Rev. A












Document No. 3126161_MAY RD STREAM LANDSCAPE ARCHITECTURE.DWG

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MATCHLINE REFER SHEET AL-004



LEGEND

-  LANDSCAPE EXTENT OF WORKS
-  PARCEL BOUNDARY
-  STREAM BASE CHANNEL (UNPLANTED)
-  (PM1) BASALT POCKET PLANTING MIX
-  (PM2) HIGH FLOOD FREQUENCY PLANTING MIX
-  (PM3) LOWER STREAM TERRACE PLANTING MIX
-  (PM4) STREAM EMBANKMENT PLANTING MIX
-  EXTERNAL FLOW INPUTS
-  *GRISELINIA LUCIDA*
-  *HEBE STRICTA*
-  *LEPTOSPERMUM SCOPARIUM*

NOTES:

[illegible]

A	INTERNAL REVIEW				
No.	Revision	By	Chk	Appd	Date

Original Scale (A1) 1:200	Design	RC	04.12.23	Approved For Construction*
	Drawn	EB	04.12.23	
Reduced Scale (A3) 1:200	Dsg Verifier			Date
	Drg Check			
* Refer to Revision 1 for Original Signature				



Client:	WATERCARE
Project:	MAY ROAD STREAM ECOLOGICAL ENHANCEMENT

Title:		
MAY ROAD STREAM DETAILED PLAN 2		
Discipline		
LANDSCAPE ARCHITECTURE		
Drawing No.	Becca Project Number:	Rev.
AL-004		A

Document No. 3126161_MAY RD STREAM LANDSCAPE ARCHITECTURE.DWG

Beca 2024

DO NOT SCALE FOR SET OUT DIMENSIONS



LEGEND

-
- LANDSCAPE EXTENT OF WORKS
 PARCEL BOUNDARY
 STREAM BASE CHANNEL (UNPLANTED)
 (PM1) BASALT POCKET PLANTING MIX
 (PM2) HIGH FLOOD FREQUENCY PLANTING MIX
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NOTES:

A	INTERNAL REVIEW						
No.	Revision		By	Chk	Appd	Date	
Original ale (A1) 1:100 duced ale (A3) 1:200	Design	RC	04.12.23	Approved For Construction*			
	Drawn	EB	04.12.23				
	Dwg Verifier						
	Dwg Check					Date	
	* Refer to Revision 1 for Original Signature						



ent:

WATERCARE

Project: MAY ROAD STREAM
ECOLOGICAL ENHANCEMENT

le: MAY ROAD STREAM
DETAILED PLAN 3

discipline

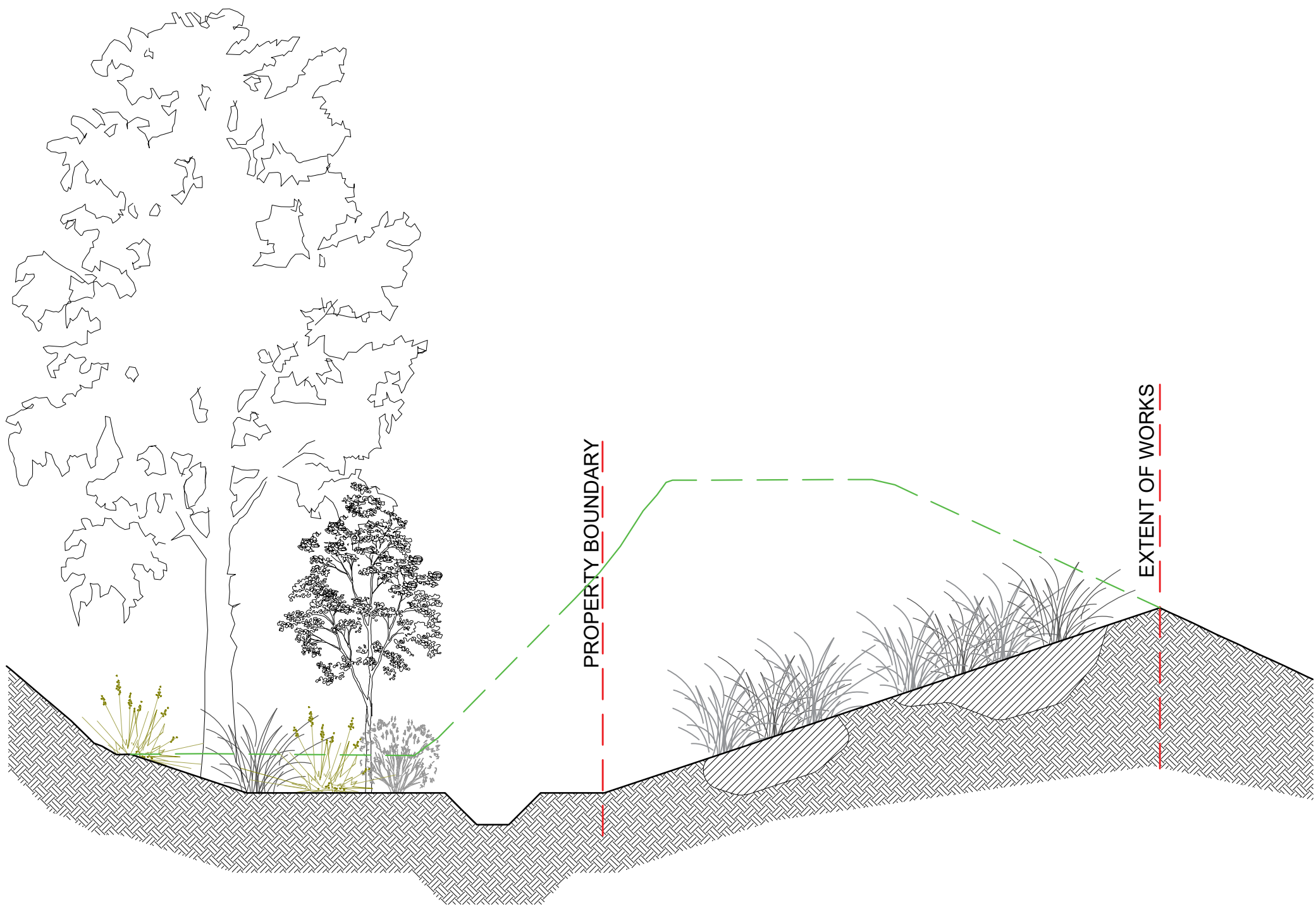
LANDSCAPE ARCHITECTURE

Drawing No.	Beca Project Number:	Rev.
AL-005		A

RESOURCE CONSENT
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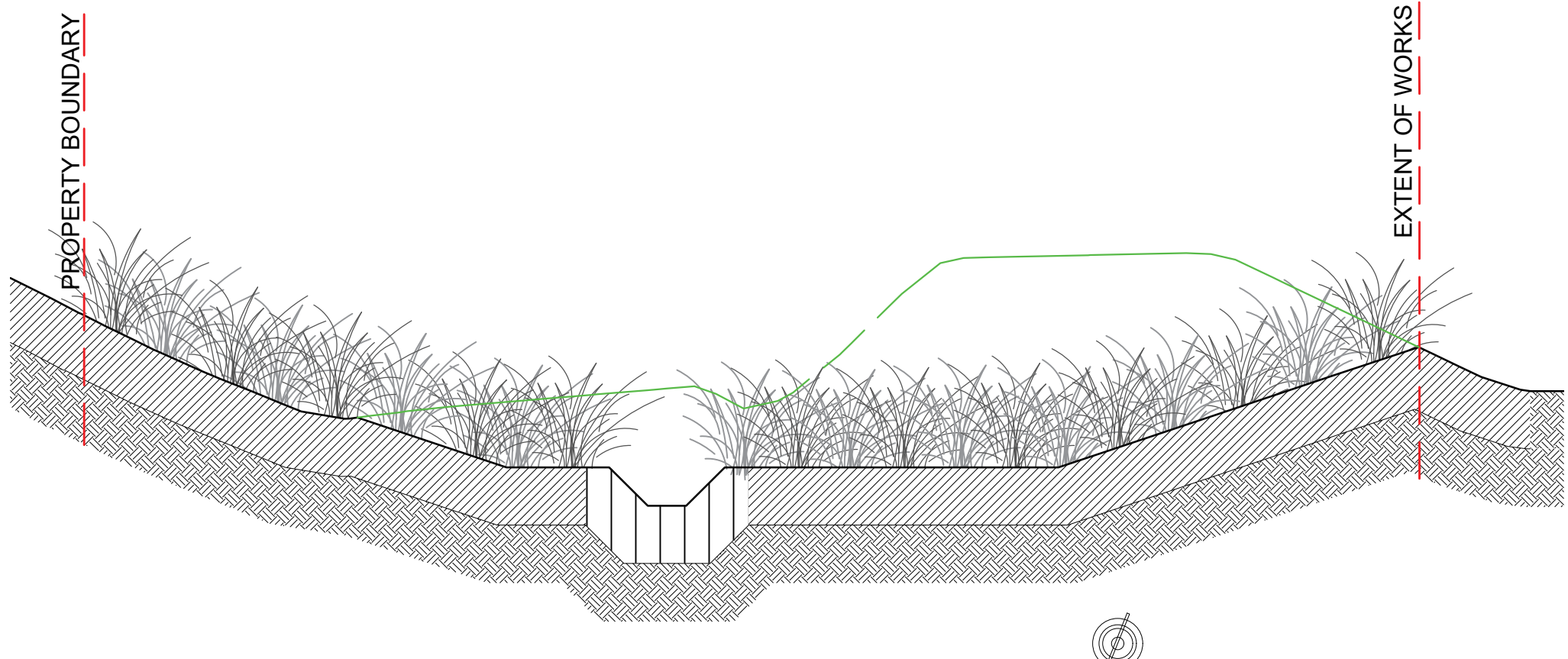
LEGEND

- EXISTING GROUND LEVEL
- PROPOSED GROUND LEVEL
- EXTENT OF WORKS



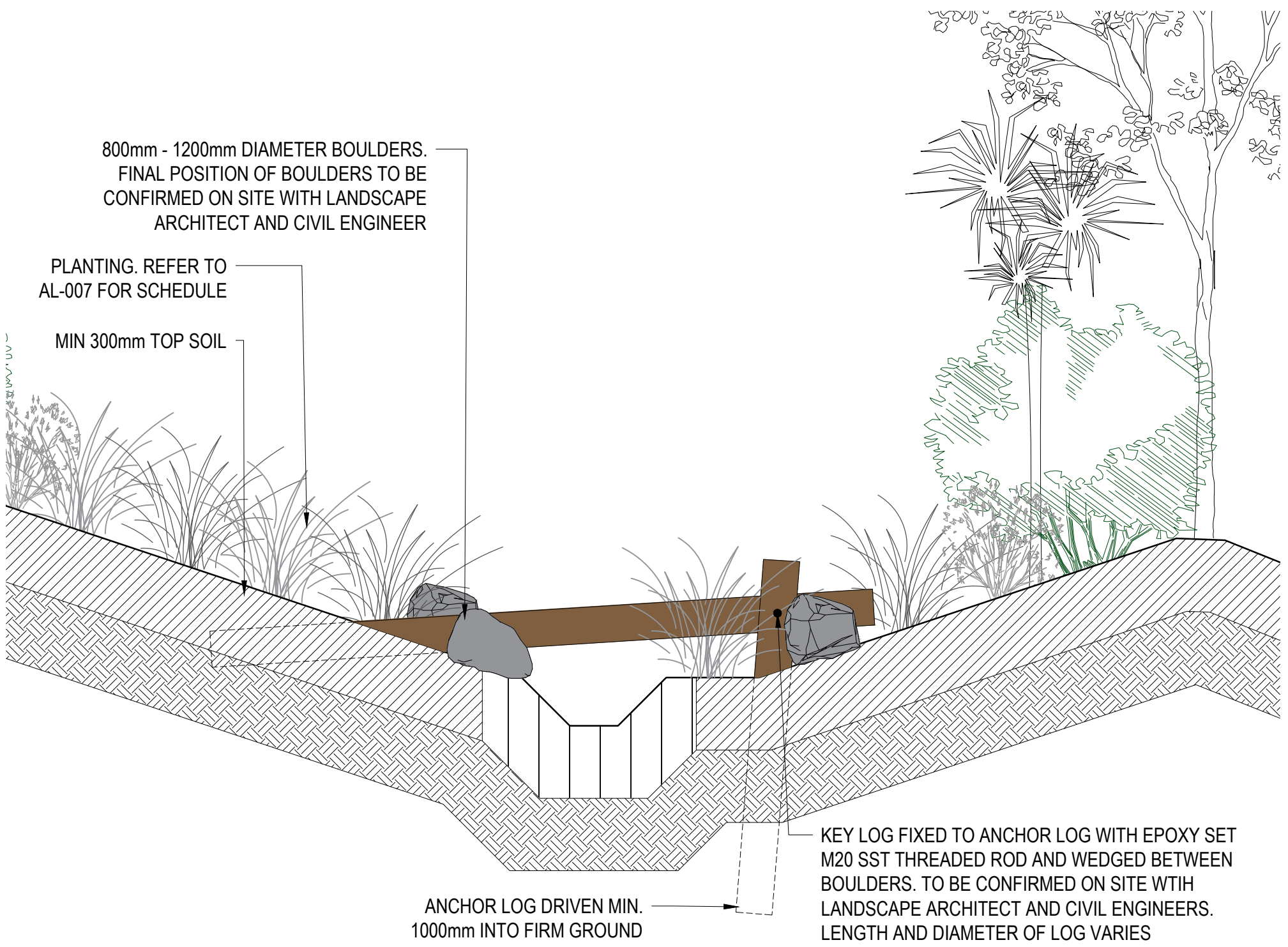
EXISTING PLANTING 2m
STREAM 0.6m
BASALT POCKET PLANTING 3.8m

1 PLANTING CROSS SECTION - BASALT POCKET
AL-003 SCALE 1:25 @ A1, 1:50 @ A3

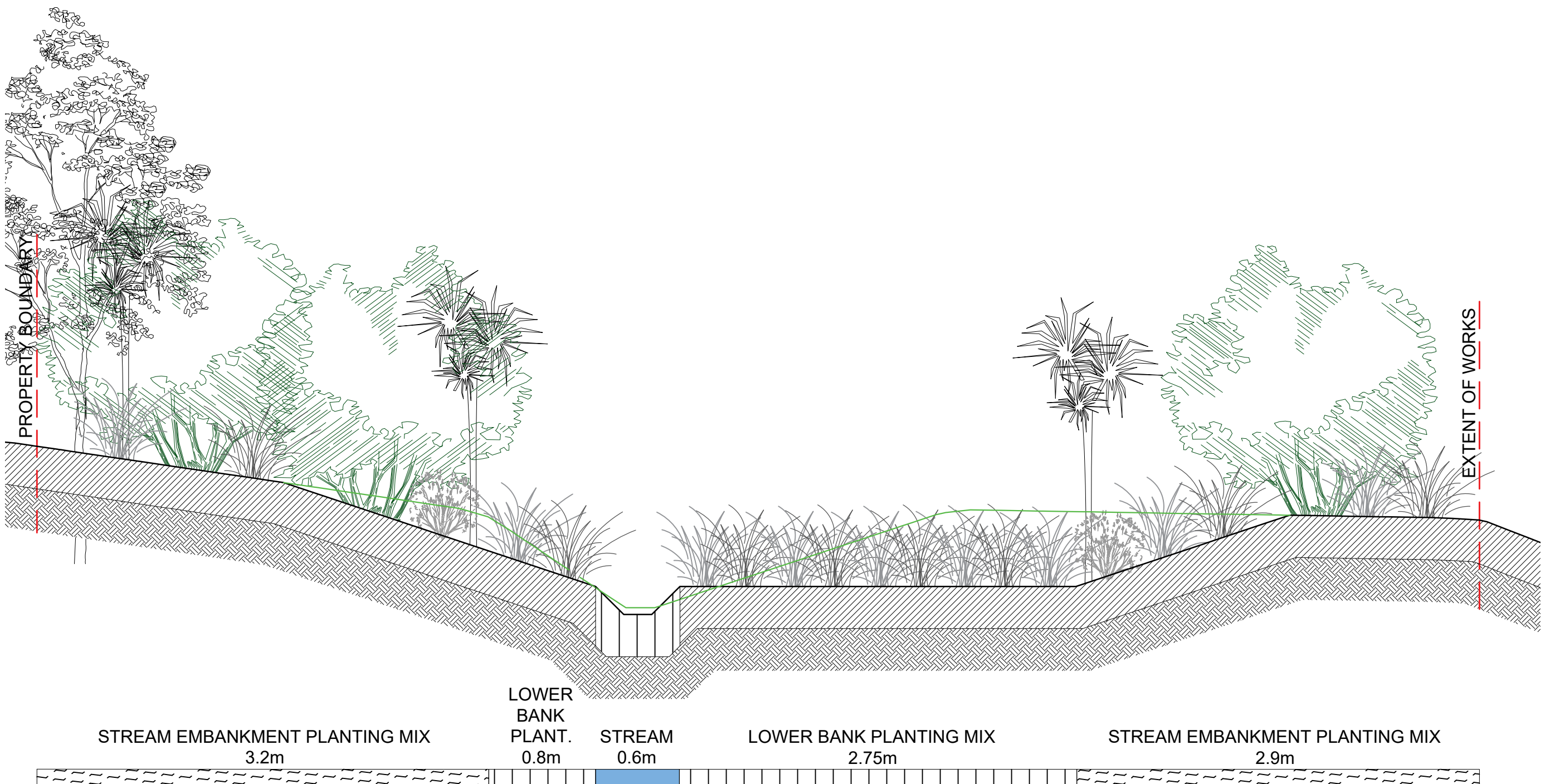


LOWER BANK PLANT. MIX 1.7m
STREAM 0.6m
HIGH FLOOD FREQ. PLANTING MIX 2.2m
HIGH FLOOD FREQ. PLANTING MIX 1.9m

2 PLANTING CROSS SECTION - HIGH FLOOD FREQUENCY
AL-004 SCALE 1:25 @ A1, 1:50 @ A3



3 TYPICAL SECTION - EEL REDOUBTS
AL-003 SCALE 1:20 @ A1, 1:50 @ A3



STREAM EMBANKMENT PLANTING MIX 3.2m
LOWER BANK PLANT. MIX 2.75m
STREAM 0.6m
STREAM EMBANKMENT PLANTING MIX 2.9m

4 PLANTING CROSS SECTION - STREAM EMBANKMENT
AL-005 SCALE 1:25 @ A1, 1:50 @ A3

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INTERNAL REVIEW					
No.	Revision		By	Chk	Appd Date
Original Scale (A1)	Design	RC	04.12.23	Approved For Construction*	
	Drawn	EB	04.12.23		
Reduced Scale (A3)	Dsg Verifier			Date	
	Drg Check				
* Refer to Revision 1 for Original Signature					



Client: WATERCARE

Project: MAY ROAD STREAM ECOLOGICAL ENHANCEMENT

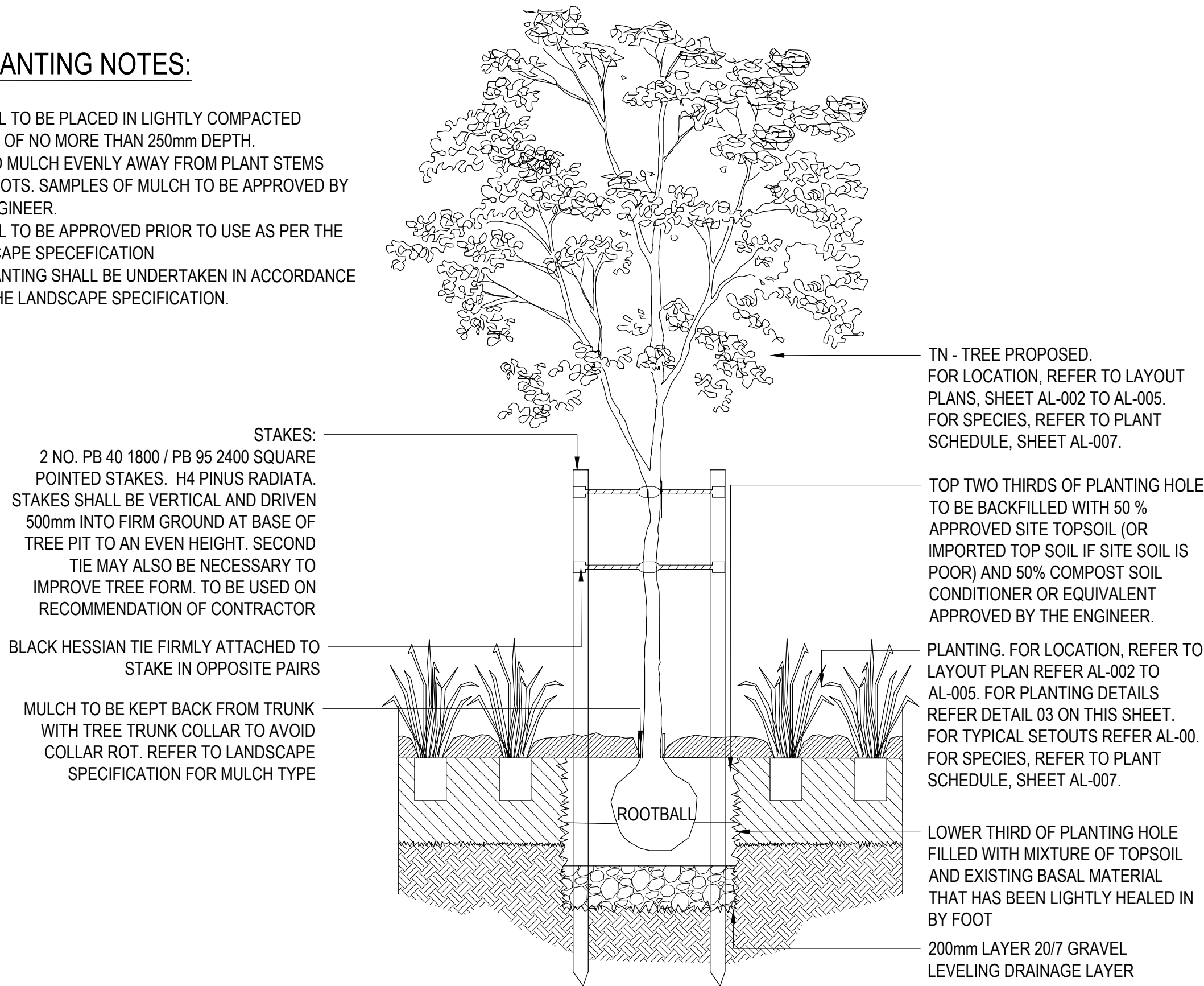
Title: TYPICAL CROSS SECTIONS

Discipline: LANDSCAPE ARCHITECTURE

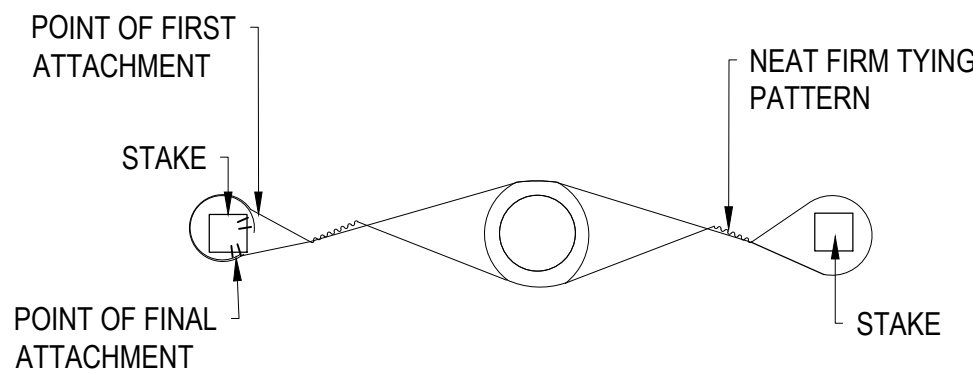
Drawing No. AL-006 Beca Project Number: Rev. A

TREE PLANTING NOTES:

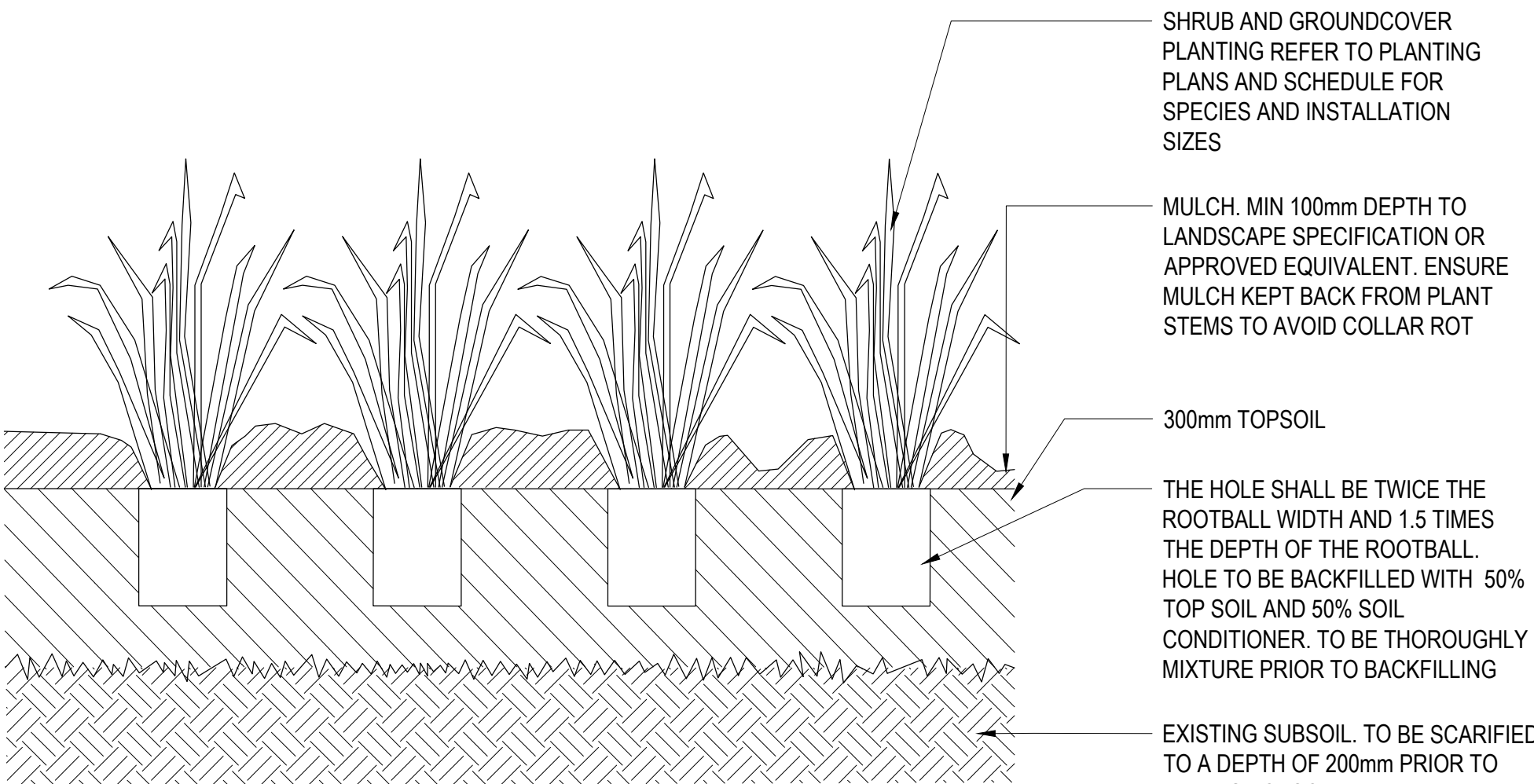
1. TOPSOIL TO BE PLACED IN LIGHTLY COMPACTED LAYERS OF NO MORE THAN 250mm DEPTH.
2. SPREAD MULCH EVENLY AWAY FROM PLANT STEMS AND ROOTS. SAMPLES OF MULCH TO BE APPROVED BY THE ENGINEER.
3. TOPSOIL TO BE APPROVED PRIOR TO USE AS PER THE LANDSCAPE SPECIFICATION
4. ALL PLANTING SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE LANDSCAPE SPECIFICATION.



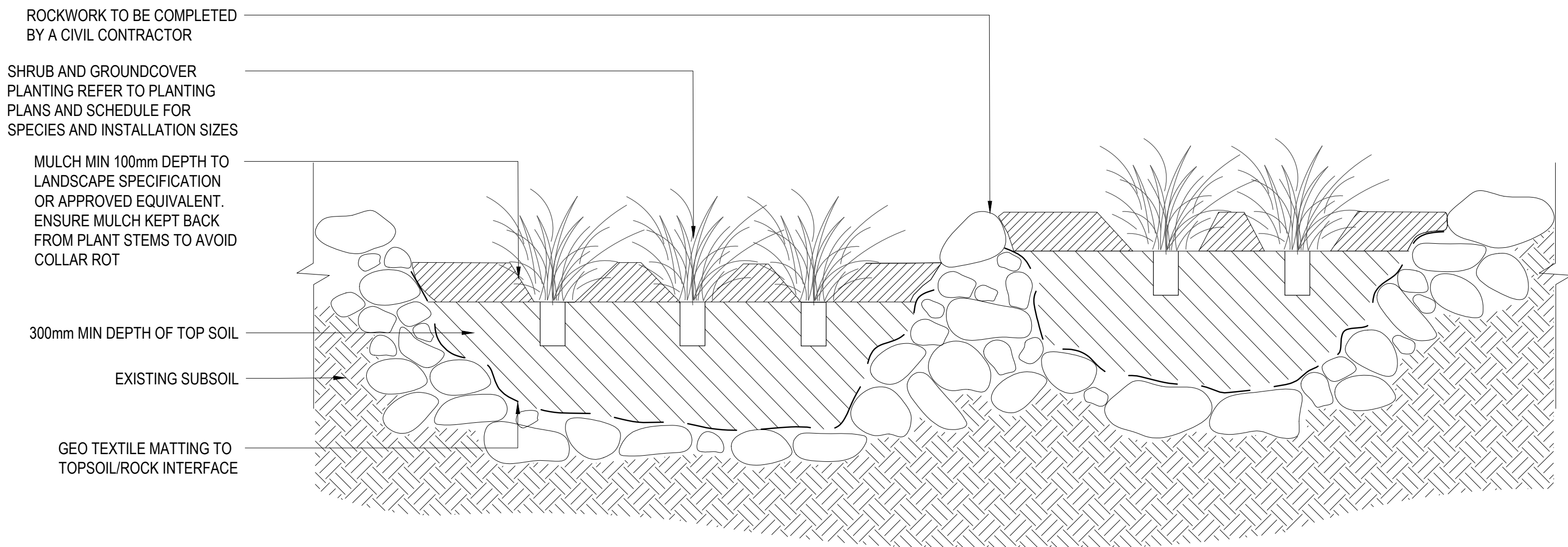
4 TYPICAL DETAIL - TREE IN GARDEN
SCALE 1:20 (A1), 1:40 (A3)



5 TYPICAL DETAIL - TREE STAKING TIES
SCALE 1:10 (A1), 1:20 (A3)



6 TYPICAL DETAIL - PLANTING
SCALE 1:10 (A1), 1:20 (A3)



7 BASALT POCKET PLANTING
SCALE 1:10 (A1), 1:20 (A3)

LEGEND

- EXISTING GROUND LEVEL
- PROPOSED GROUND LEVEL

INTERNAL REVIEW					
No.	Revision	By	Chk	Appd	Date
A	INTERNAL REVIEW				
Original Scale (A1)	Design	RC	04.12.23	Approved For Construction?	
Reduced Scale (A3)	Drawn	EB	04.12.23		
	Disg Verifier				
	Drg Check				Date
* Refer to Revision 1 for Original Signature					



Client:	WATERCARE				
Project:	MAY ROAD STREAM ECOLOGICAL ENHANCEMENT				
Title:	TYPICAL DETAILS				
Discipline	LANDSCAPE ARCHITECTURE				
Drawing No.	AL-007			Beca Project Number:	Rev.
					A

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