

# TAURANGA CITY COUNCIL

## MAUAO 4WD TRACK & PILOT QUAY SLIP REMEDIATION

### Drawing List

DRAWING LIST		
SHEET	REVISION	TITLE
850677-100	0	Drawing List and Location Plan
850677-101	0	4WD Track Site Plan
850677-102	0	4WD Track Drainage Plan
850677-200	0	Retaining Wall Elevation
850677-201	0	Gabion Wall Elevation and Detail
850677-300	0	Cross Section
850677-301	0	Cross Section
850677-400	0	Retaining Wall Section
850677-401	0	Retaining Wall Handrail Details
850677-500	0	4WD Track Setout Table
850677-600	0	Pilot Quay Site Plan
850677-601	0	Pilot Quay Cross Section One
850677-602	0	Rip Rap Detail

### Location Plan



NOTES :  
1. All dimensions are in millimetres unless noted otherwise.

0 First Issue		
REVISION DESCRIPTION		DATE
DESIGNED :		Feb.07
DRAWN :		Feb.07
DESIGN CHECKED :		
DRAFTING CHECKED :		
REFERENCE :		

CADFILE : \\850677.003-100.dwg  
APPROVED :  
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Email : tgo@tonkin.co.nz  
 Auckland  Wellington  Christchurch  
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**TAURANGA CITY COUNCIL**

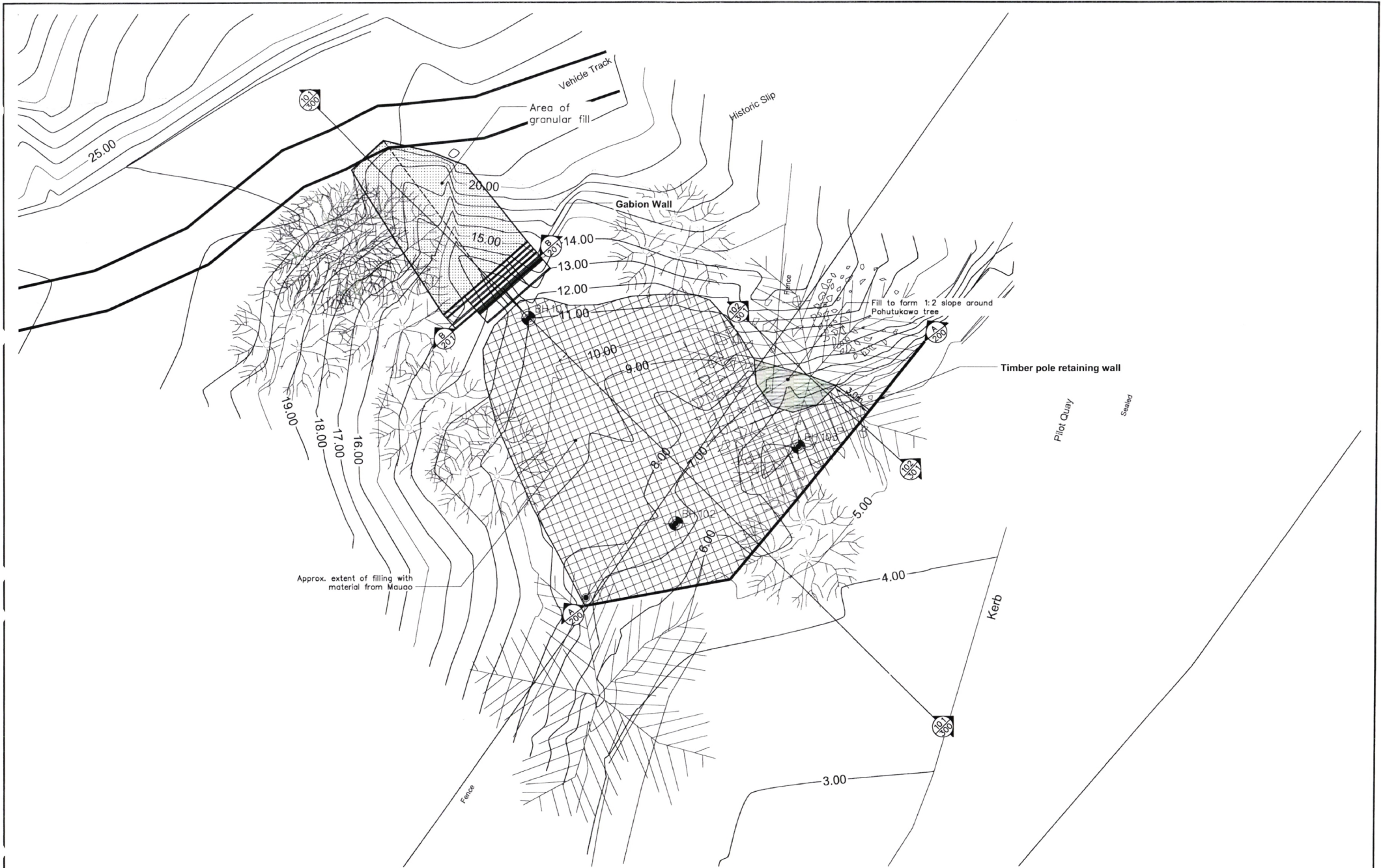
MAUAO 4WD  
TRACK & PILOT  
QUAY

SLIP REMEDIATION

Drawing List &  
Location Plan

SCALES (AT A3 SIZE) NOT TO SCALE	
DWG. No. 850677-100	REV. 0

L:\850677\_Plot4.r (200 22 p.m., smb), 1:1



DESIGNED :	Jun.07
DRAWN :	Jun.07
DESIGN CHECKED :	5/10/07
DRAFTING CHECKED :	5/10/07
CADFILE :	\\850677.003-101.dwg
APPROVED :	
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REVISION DESCRIPTION	BY DATE
0 First Issue	5/10/07

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REFERENCE :



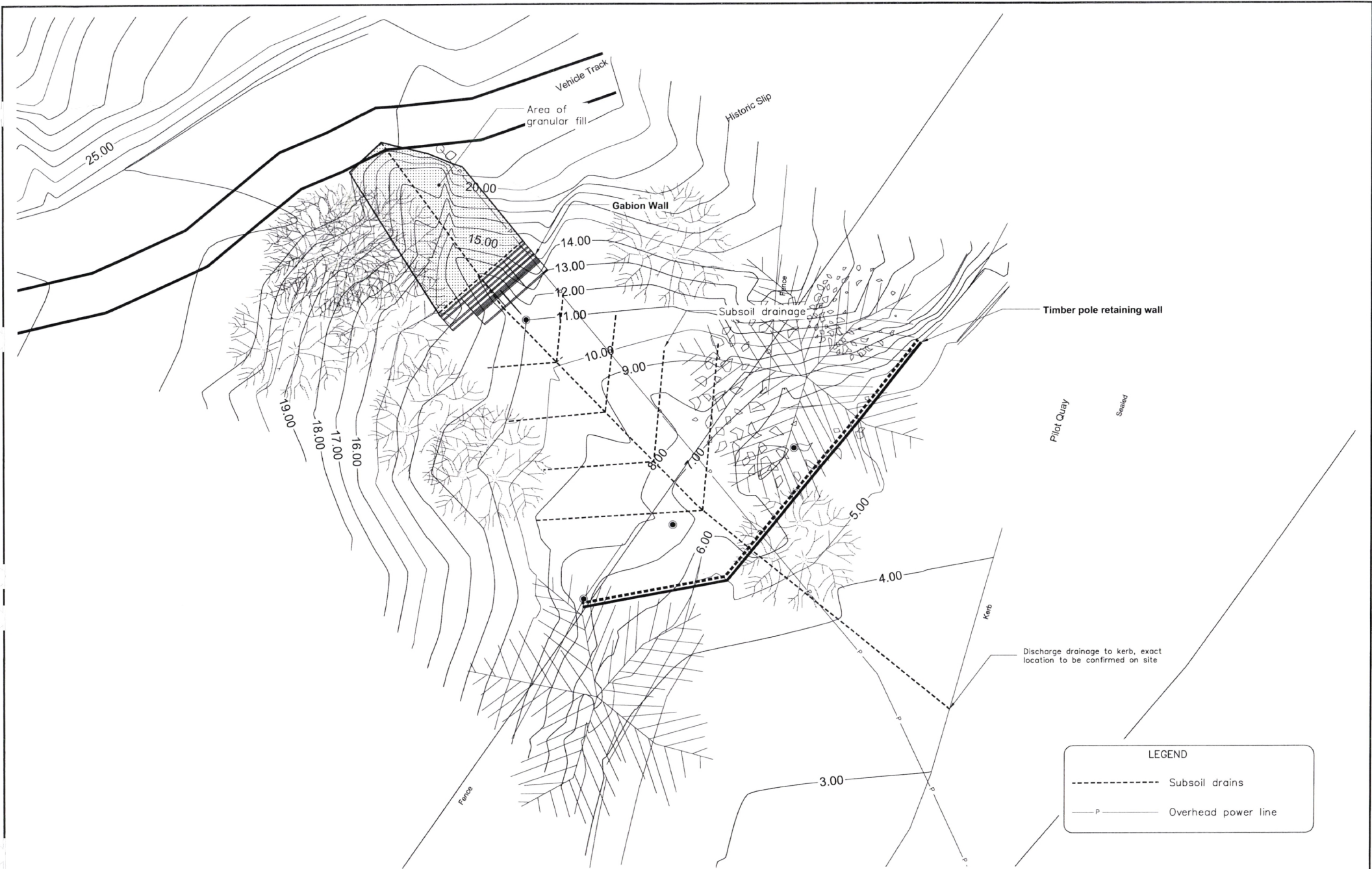
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CLIENT PROJECT	<b>TAURANGA CITY COUNCIL</b>
TITLE	<b>MAUAO 4WD TRACK &amp; PILOT QUAY</b>
	SLIP REMEDIATION
	4WD Track Site Plan
SCALES (AT A3 SIZE)	1:250
DWG. No.	850677-101
REV.	0

L:\850677\_Pilot- 4WD Track\Current Drawings\850677-003-102.dwg, 102 /Z00 /23 p.m., smbj, 1:



**LEGEND**

- Subsoil drains
- P— Overhead power line

DESIGNED :	Jun.07		
DRAWN :	Jun.07		
DESIGN CHECKED :	5712(a) - Privacy		
DRAFTING CHECKED :			
CADFILE :	\\850677.003-102.dwg		
APPROVED :			
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REVISION	DESCRIPTION	BY	DATE
0	First Issue	5720(a) - Privacy	3 Jun 07
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CLIENT, PROJECT  
**TAURANGA CITY COUNCIL**  
**MAUAO 4WD TRACK & PILOT QUAY**

TITLE  
**SLIP REMEDIATION**  
**4WD Track Drainage Plan**

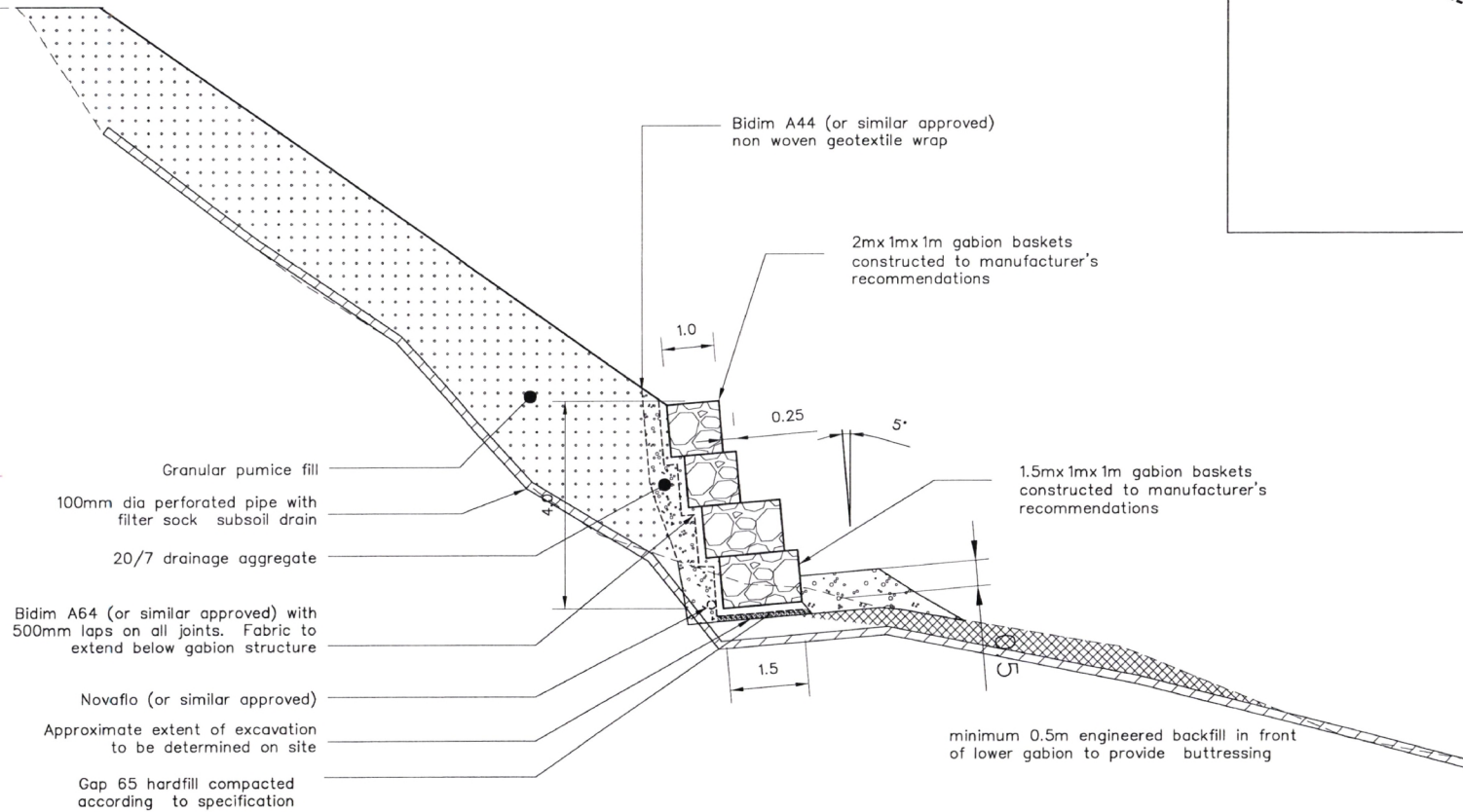
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DWG. No.  
 850677-102

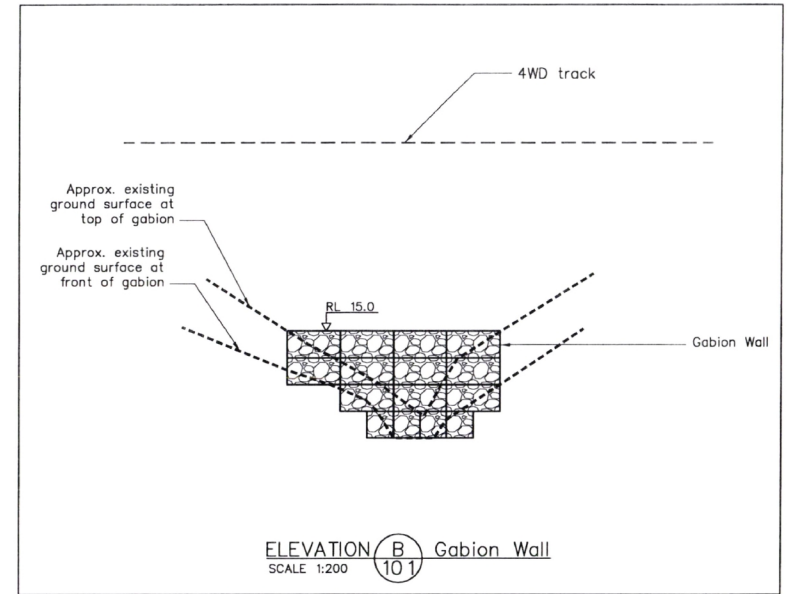
REV.  
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L:\850677\_Pilock - 4WD Track\Current Drawings\850677-003-201.dwg, 201, /200, :54 p.m., smbj, 1:



DETAIL (1) Gabion Wall  
SCALE 1:100



- Bidim A44 (or similar approved) non woven geotextile wrap
- 2m x 1m x 1m gabion baskets constructed to manufacturer's recommendations
- 1.0
- 0.25
- 5°
- 1.5m x 1m x 1m gabion baskets constructed to manufacturer's recommendations
- 1.5
- minimum 0.5m engineered backfill in front of lower gabion to provide buttressing
- Granular pumice fill
- 100mm dia perforated pipe with filter sock subsoil drain
- 20/7 drainage aggregate
- Bidim A64 (or similar approved) with 500mm laps on all joints. Fabric to extend below gabion structure
- Novaflo (or similar approved)
- Approximate extent of excavation to be determined on site
- Gap 65 hardfill compacted according to specification

DESIGNED :	Nov.06
DRAWN :	Nov.06
DESIGN CHECKED :	Nov.06
DRAFTING CHECKED :	Nov.06
CADFILE : T:\Tauranga\850677-SK-303	
APPROVED :	
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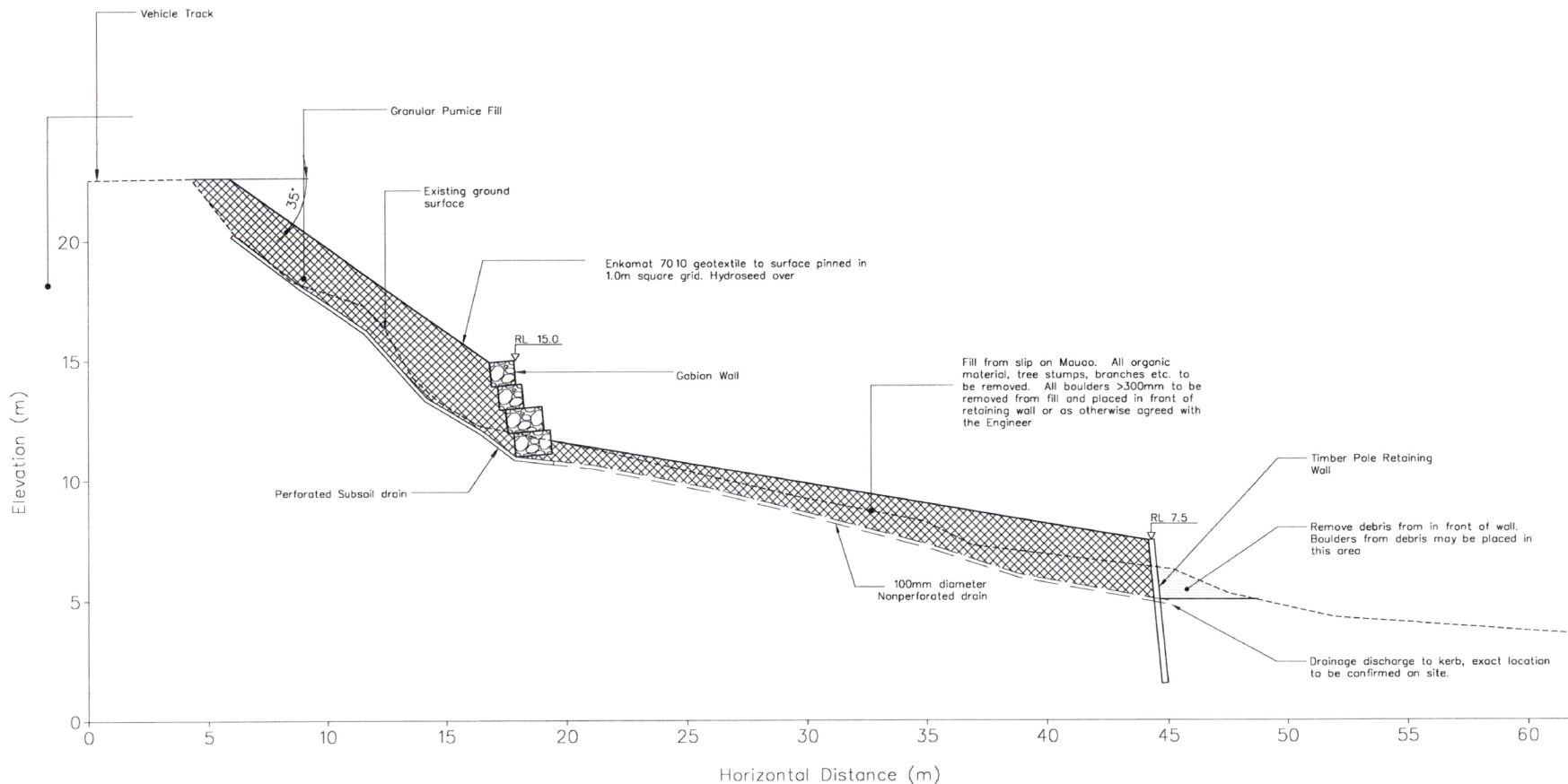
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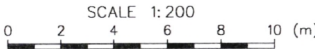
Auckland
  Wellington
  Christchurch
  Hamilton
  Whangarei
  Nelson

CLIENT PROJECT	<b>TAURANGA CITY COUNCIL</b>	
TITLE	<b>MAUAO 4WD TRACK &amp; PILOT QUAY</b>	
TITLE	SLIP REMEDIATION	
TITLE	Gabion Wall Elevation & Detail	
SCALES (AT A3 SIZE)	DWG. No.	REV.
AS SHOWN	850677-201	0

L:\850677\_Pilot-C\Drawings\4WD Track\Current Drawings\850677.003-300.dwg 5/06/2007 3:47:25 p.m., smbf



SECTION **(101)** GABION & RETAINING WALL  
SCALE 1:200



DESIGNED :	Jun.07
DRAWN :	Jun.07
DESIGN CHECKED :	6/7/07 (a) Privacy
DRAFTING CHECKED :	6/7/07 (a) Privacy
CADFILE :	\\850677.003-300.dwg
APPROVED :	
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REVISION DESCRIPTION	BY DATE
0 First Issue	6/7/07 (a) Privacy

NOTES :  
1. All dimensions are in millimetres unless noted otherwise.

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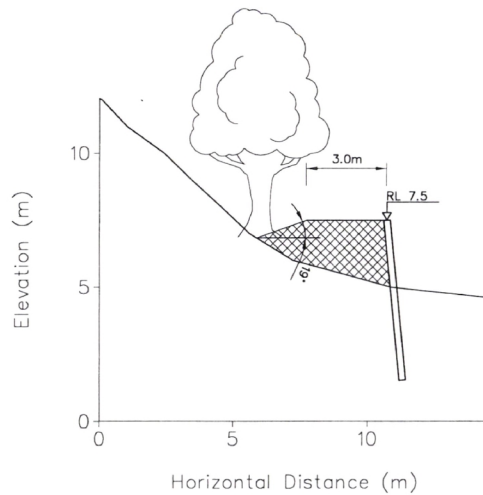
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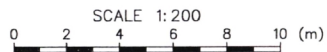
□ Auckland □ Wellington □ Christchurch □ Hamilton □ Whangarei □ Nelson

CLIENT PROJECT	TAURANGA CITY COUNCIL MAUAO 4WD TRACK & PILOT QUAY
TITLE	SLIP REMEDIATION Cross Section
SCALES (AT A3 SIZE)	1:200
DWG. No.	850677-300
REV	0

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SECTION 102 RETAINING WALL & POHUTUKAWA TREE  
SCALE 1:200 101




NOTE: Fill not to be placed on the roots of Pohutukawa tree.

DESIGNED :	Jun.07	
DRAWN :	Jun.07	
DESIGN CHECKED :	<i>[Signature]</i>	
DRAFTING CHECKED :	<i>[Signature]</i>	
CADFILE :	\\850677.003-300.dwg	
APPROVED :	<i>[Signature]</i>	
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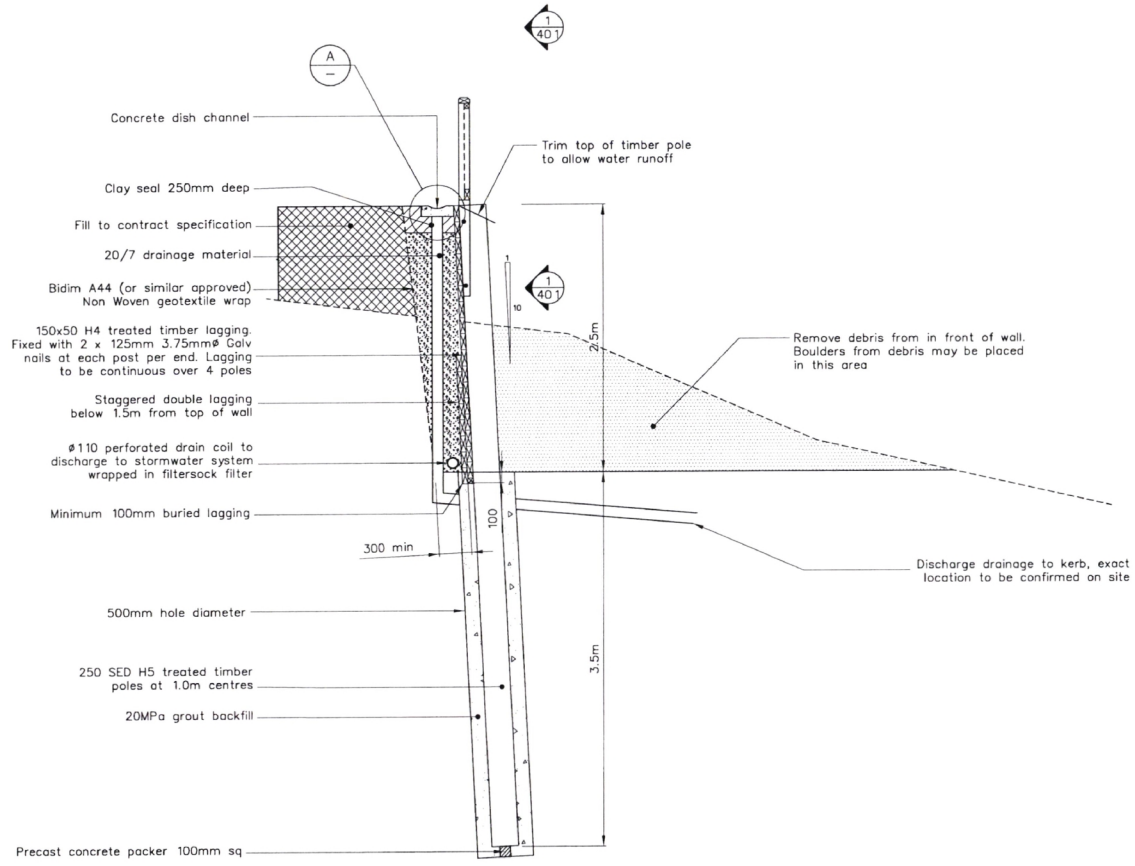
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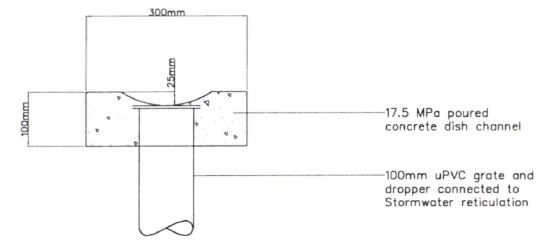
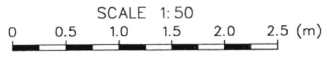
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CLIENT PROJECT	TAURANGA CITY COUNCIL
TITLE	MAUAO 4WD TRACK & PILOT QUAY
TITLE	SLIP REMEDIATION
TITLE	Cross Section
SCALES (A4 SIZE)	1:200
DWG. No.	850677-301
REV.	0

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SECTION (101) Retaining Wall  
SCALE 1:50



DETAIL (A) DRAINAGE CHANNEL  
SCALE 1:10

DESIGNED :	Jun.07	
DRAWN :	Jun.07	
DESIGN CHECKED :		
DRAFTING CHECKED :		
CADFILE :	\\850677.003-400.dwg	
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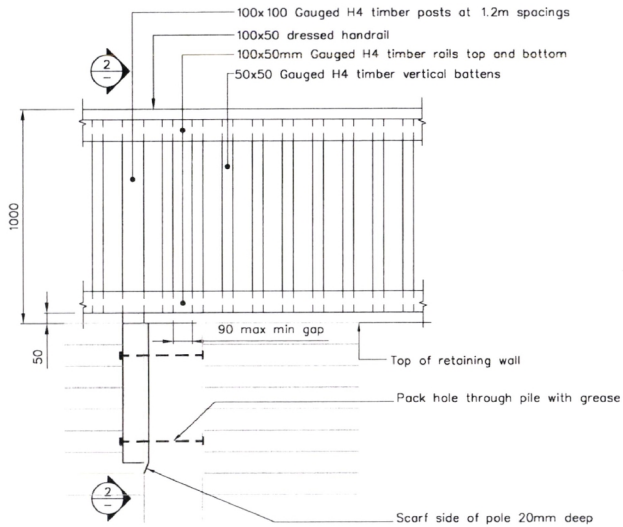
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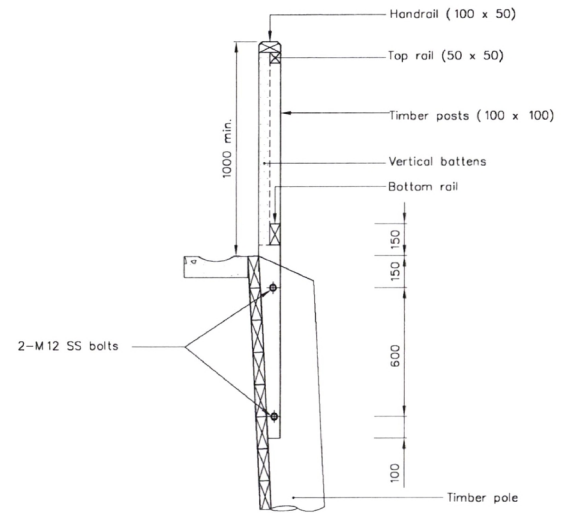
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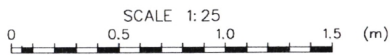
CLIENT PROJECT	TAURANGA CITY COUNCIL MAUAO 4WD TRACK & PILOT QUAY
TITLE	SLIP REMEDIATION Retaining Wall Section
SCALES (AT A3 SIZE)	AS SHOWN
DWG. No.	850677-400
REV.	0



SECTION 1 HANDRAIL ELEVATION  
SCALE 1:25



SECTION 2 HANDRAIL DETAIL  
SCALE 1:25



DESIGNED :	Jun.07
DRAWN :	Jun.07
DESIGN CHECKED :	4/7/2/01 - Privacy
DRAFTING CHECKED :	5/10/07
CADFILE :	\\B50677.003-400.dwg
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CLIENT PROJECT  
**TAURANGA CITY COUNCIL**  
MAUAO 4WD TRACK & PILOT QUAY

TITLE  
SLIP REMEDIATION  
Retaining Wall Handrail Details

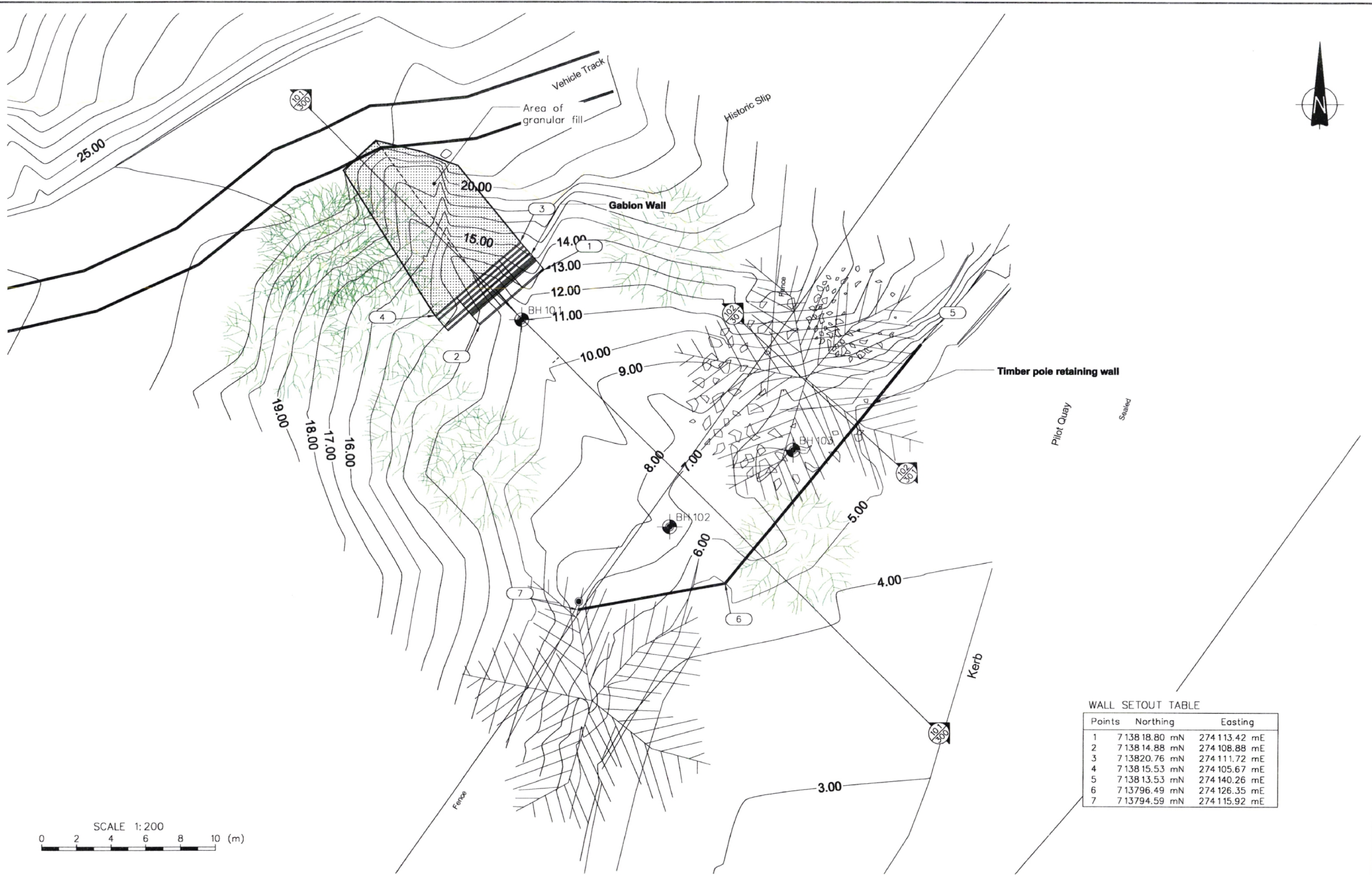
SCALES (AT A3 SIZE)  
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DWG. No.  
850677-401

REV  
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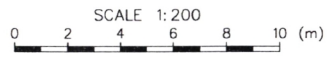
L:\850677\_Pilot-Drawings\4WD Track\Current Drawings\850677.003-500.dwg, 18/06/2007 5:21:50 p.m., sml

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WALL SETOUT TABLE

Points	Northing	Easting
1	7 138 18.80 mN	274 113.42 mE
2	7 138 14.88 mN	274 108.88 mE
3	7 138 20.76 mN	274 111.72 mE
4	7 138 15.53 mN	274 105.67 mE
5	7 138 13.53 mN	274 140.26 mE
6	7 137 96.49 mN	274 126.35 mE
7	7 137 94.59 mN	274 115.92 mE



DESIGNED :	Jun.07
DRAWN :	Jun.07
DESIGN CHECKED :	
DRAFTING CHECKED :	
CADFILE :	\\850677.003-500.dwg
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- Setout co-ordinates are NZGD49 Boy of Plenty Circuit.

REFERENCE :

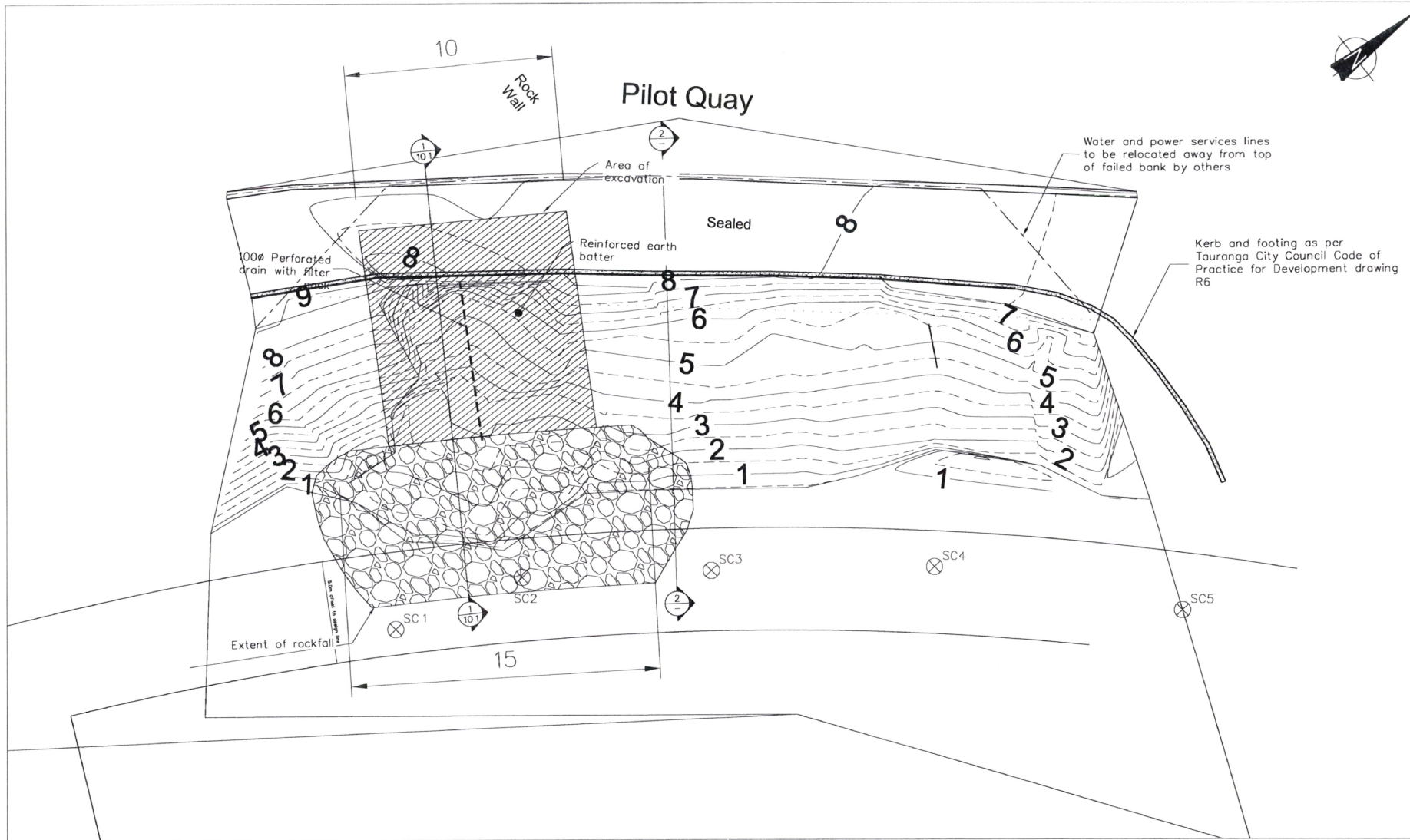
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CLIENT, PROJECT	TAURANGA CITY COUNCIL MAUAO 4WD TRACK & PILOT QUAY
TITLE	SLIP REMEDIATION 4WD Track Wall Setout Table
SCALES (AT A3 SIZE)	1:200
DWG. No.	850677-500
REV.	0

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DESIGNED :	Jun.05
DRAWN :	Jun.05
DESIGN CHECKED :	
DRAFTING CHECKED :	
CADFILE : I:\CADFILE	
APPROVED :	
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0 First Issue	

NOTES :

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- Survey provided by Cammap Howley, drawing 6319, dated 17 June 2005.
- Coordinate Datum: NZ Geodetic 1949 Bay of Plenty Circuit Coordinates

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CLIENT PROJECT	TAURANGA CITY COUNCIL
	MAUAO 4WD & PILOT QUAY
TITLE	SLIP REMEDIATION
	Pilot Quay Site Plan
SCALES (AT A3 SIZE)	1:200
DWG. No.	850677 - 600
REV.	0

smbj, 1:1

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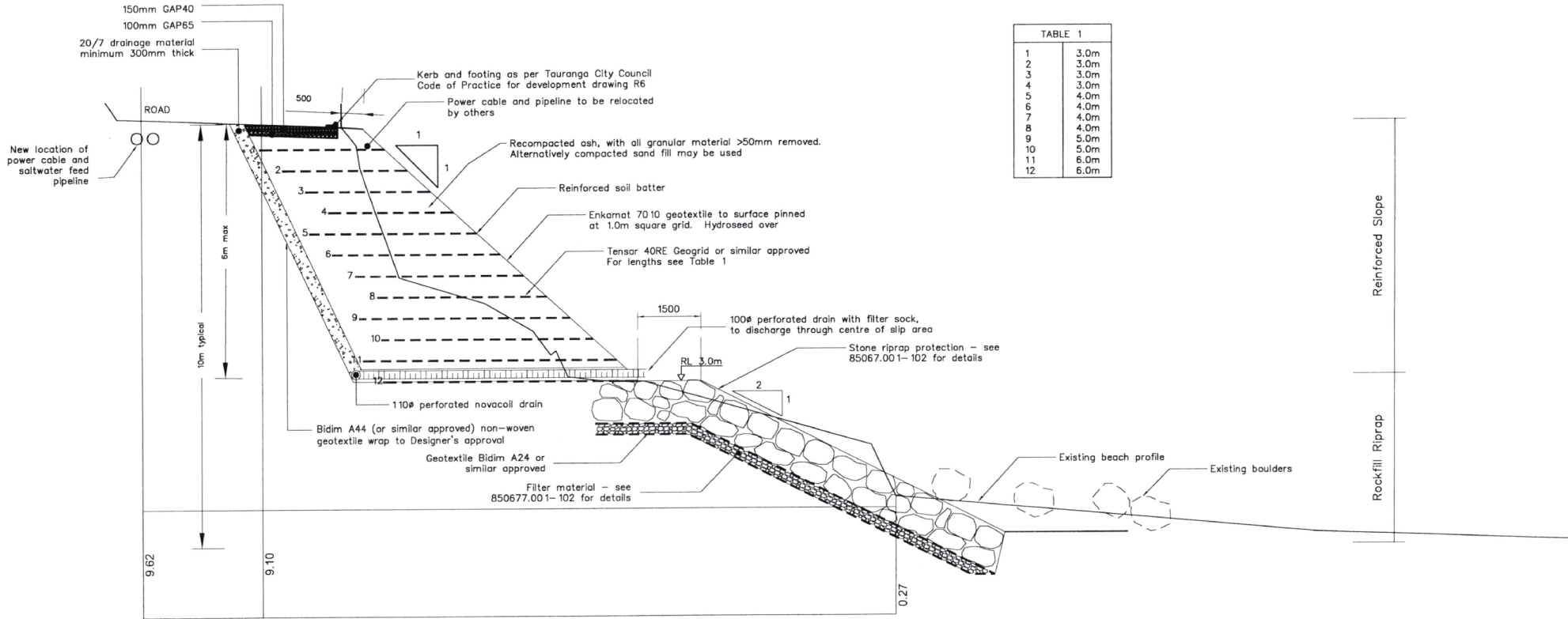


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4	3.0m
5	4.0m
6	4.0m
7	4.0m
8	4.0m
9	5.0m
10	5.0m
11	6.0m
12	6.0m

SECTION 1  
SCALE 1:100

DESIGNED :	Jun.05	
DRAWN :	Jun.05	
DESIGN CHECKED :		
DRAFTING CHECKED :		
CADFILE :	I:\CADFILE	
APPROVED :		
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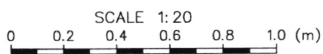
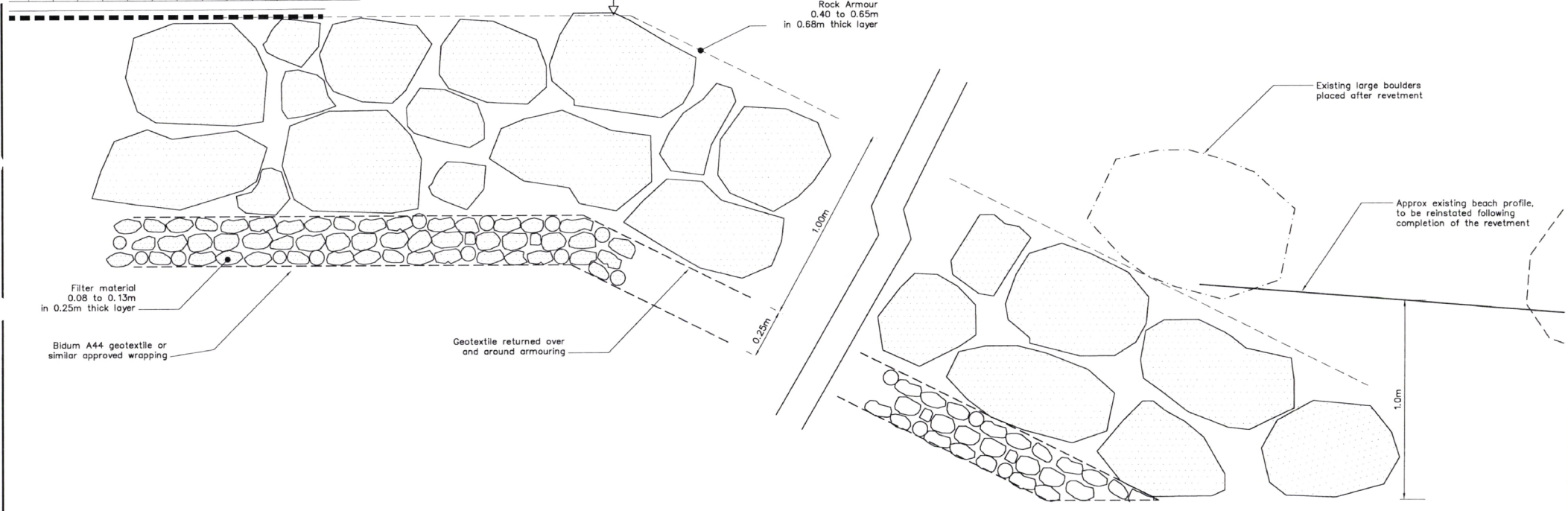
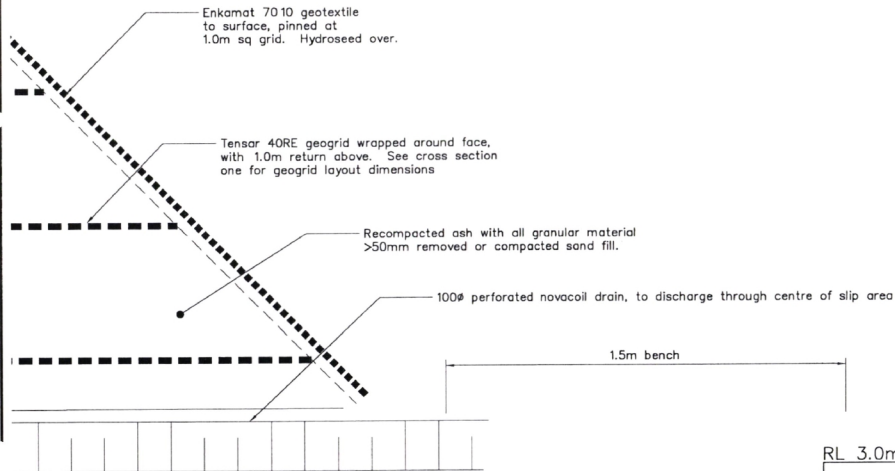
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CLIENT PROJECT	TAURANGA CITY COUNCIL
TITLE	MAUAO 4WD TRACK & PILOT QUAY
TITLE	SLIP REMEDIATION
TITLE	Cross Section One
SCALES (AT A3 SIZE)	1:100
DWG. No.	850677-601
REV.	0



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DESIGNED :	Sep_05	
DRAWN :	Sep_05	
DESIGN CHECKED :	Sep_05	
DRAFTING CHECKED :	Sep_05	
CADFILE :	\\850677_100-102.dwg	
APPROVED :		
<b>NOT FOR CONSTRUCTION</b>		
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CLIENT PROJECT  
**TAURANGA CITY COUNCIL**  
MAUAO 4WD TRACK & PILOT QUAY

TITLE  
**SLIP REMEDIATION**  
Rip Rap Detail

SCALES (AT A3 SIZE)  
1:20

DWG. No.  
850677 - 602

REV.  
0

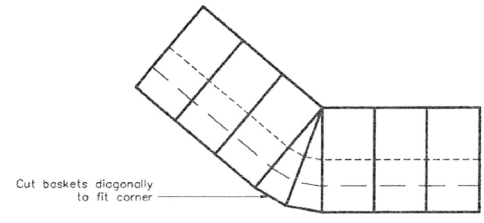






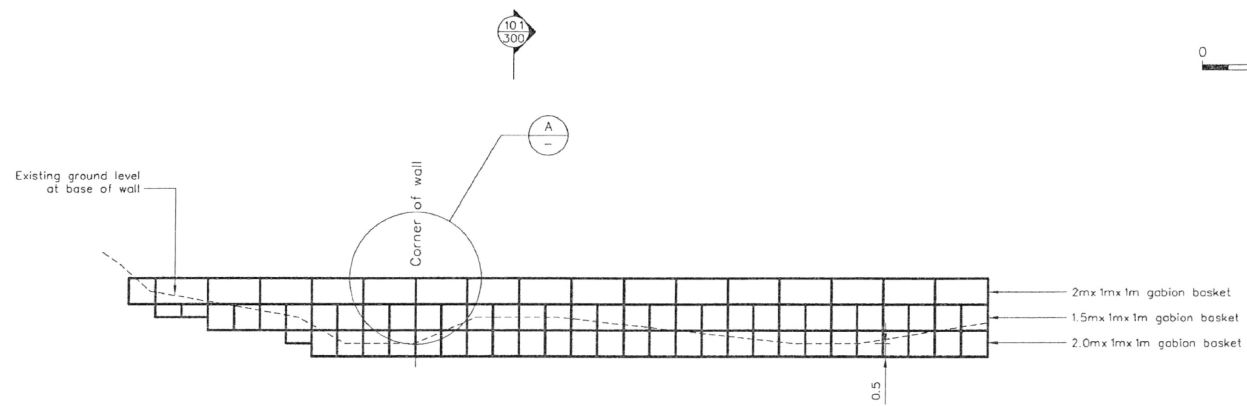
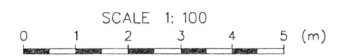


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Cut baskets diagonally to fit corner

DETAIL A WALL CORNER  
SCALE 1:100



ELEVATION A Lower Gabion Wall  
SCALE 1:200



DESIGNED :		Nov 07
DRAWN :	4702(a) - Privacy	Nov 07
DESIGN CHECKED :		
DRAFTING CHECKED :		
CADFILE :	\\850677-200.dwg	
APPROVED :		
REVISION DESCRIPTION	BY	DATE
B Gabion replaces timber wall	4702(a) - Privacy	
A Construction Issue		

NOTES :

- All dimensions are in millimetres unless noted otherwise.

REFERENCE :

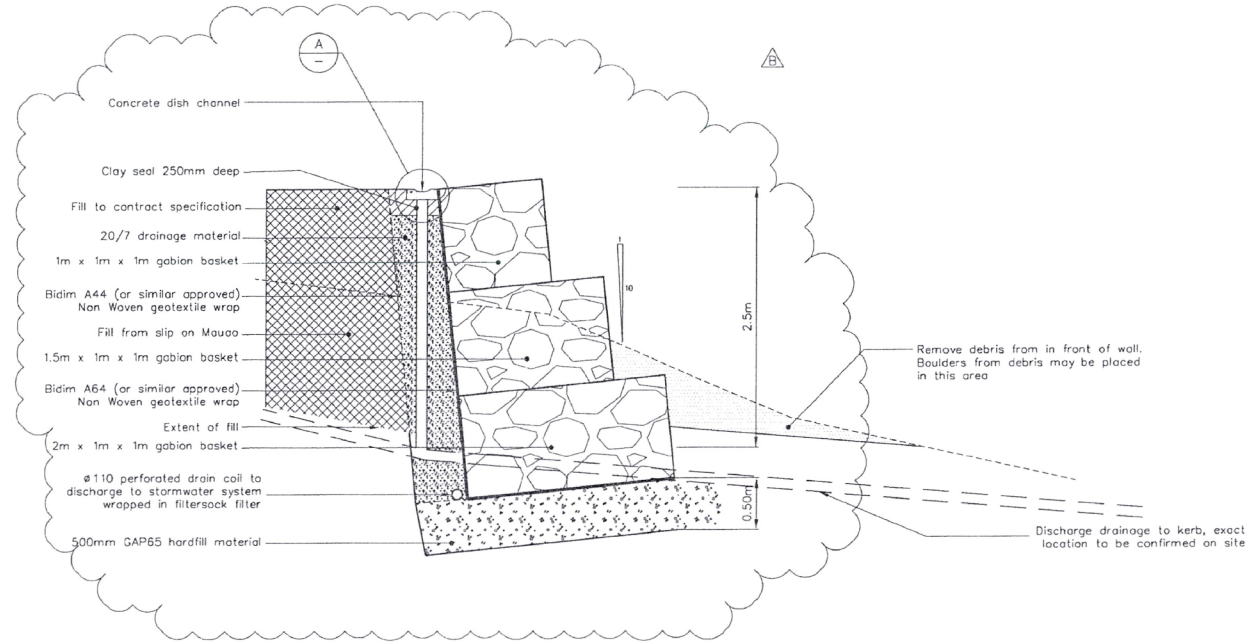
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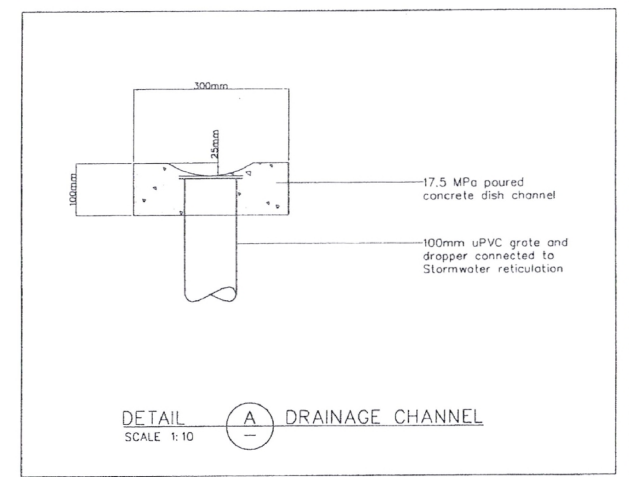
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CLIENT PROJECT	TAURANGA CITY COUNCIL MAUAO 4WD TRACK & PILOT QUAY
TITLE	SLIP REMEDIATION LOWER GABION WALL ELEVATION
SCALES (AF A3 SIZE)	AS SHOWN
DWG. No.	850677-200
REV.	B

L:\850677\_Pilot-Quay\Drawings\Construction Issue\850677-400.dwg, 400, 8/11/2007 2:30:18 p.m., smb.j, 1:1



SECTION 101 Gabion Wall  
SCALE 1:50



DETAIL A DRAINAGE CHANNEL  
SCALE 1:10



DESIGNED :		Nov.07
DRAWN :		Nov.07
DESIGN CHECKED :		
DRAFTING CHECKED :		
CADFILE :	\\850677-400.dwg	
APPROVED :		
REVISION DESCRIPTION	BY	DATE
B Gabion replaces timber		
A Construction Issue		Sep.07

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REFERENCE :

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**Tonkin & Taylor**  
Environmental & Engineering Consultants

Tauranga, Level 1, 12 Elizabeth Street  
Tel. (07) 571 3570 Fax. (07) 571 5508  
Email : lga@tonkin.co.nz

Auckland  Wellington  Christchurch  Hamilton  Whangarei  Nelson

CLIENT PROJECT	TAURANGA CITY COUNCIL
TITLE	MAUAO 4WD TRACK & PILOT QUAY
TITLE	SLIP REMEDIATION
TITLE	Lower Gabion Wall Section
SCALES (AT A3 SIZE)	1:50
DWG. No.	850677-400
REV.	B