



## Appendix A

# Drawings and Figures

### Figure 1

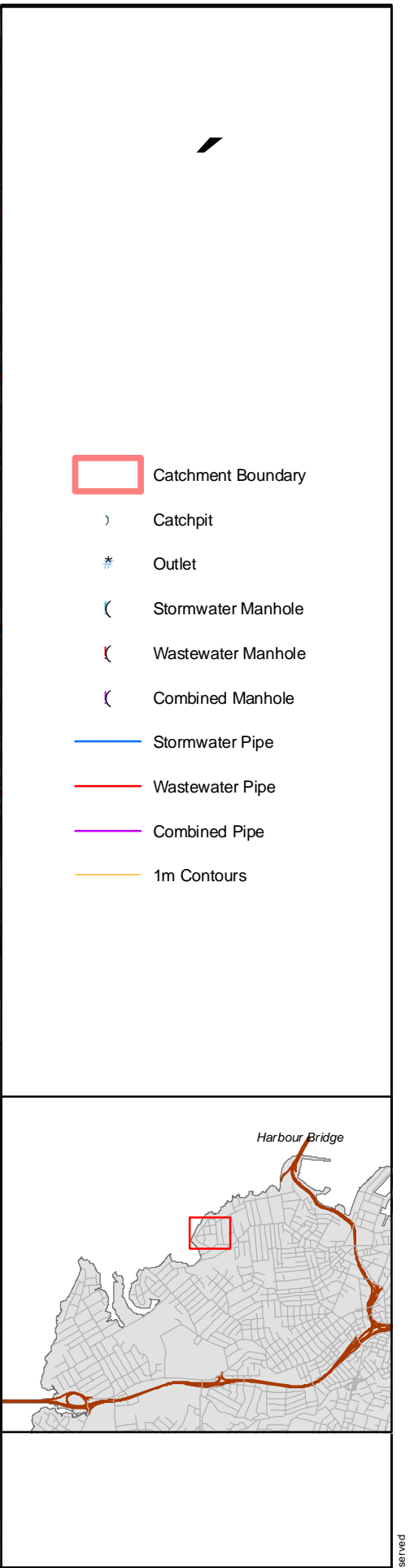
Drawing no. 51-23678-W011

Drawing no. 51-23678-W012

Drawing no. 51-23678-W013

Drawing no. 51-23678-W014

Drawing no. 51-23678-W015



Issue	Description	Date	Approved	Designed	Name	Date
				Designed:		
				Drawn:	J. Chen & G. Hurst	July 2007
				Checked:		
				Approved:		
				Scale @ A3	1:2000	
				Projection:	NZMG 1949	

Client:

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Project: **Marine Parade Catchment Boundaries**  
**Figure 1**

Issued for:

Project Number:	Sheet Number:	Issue:
5123678	1 of 1	



**Standard Legend**

- catchpit
- manhole
- power pole
- power pole/street light
- sign post
- street light
- shrub
- tree
- existing wastewater line
- existing stormwater line
- existing combined line
- existing watercare line
- fenceline
- bank (top/bottom)
- bottom of wall
- bushline
- kerblines
- seal edge

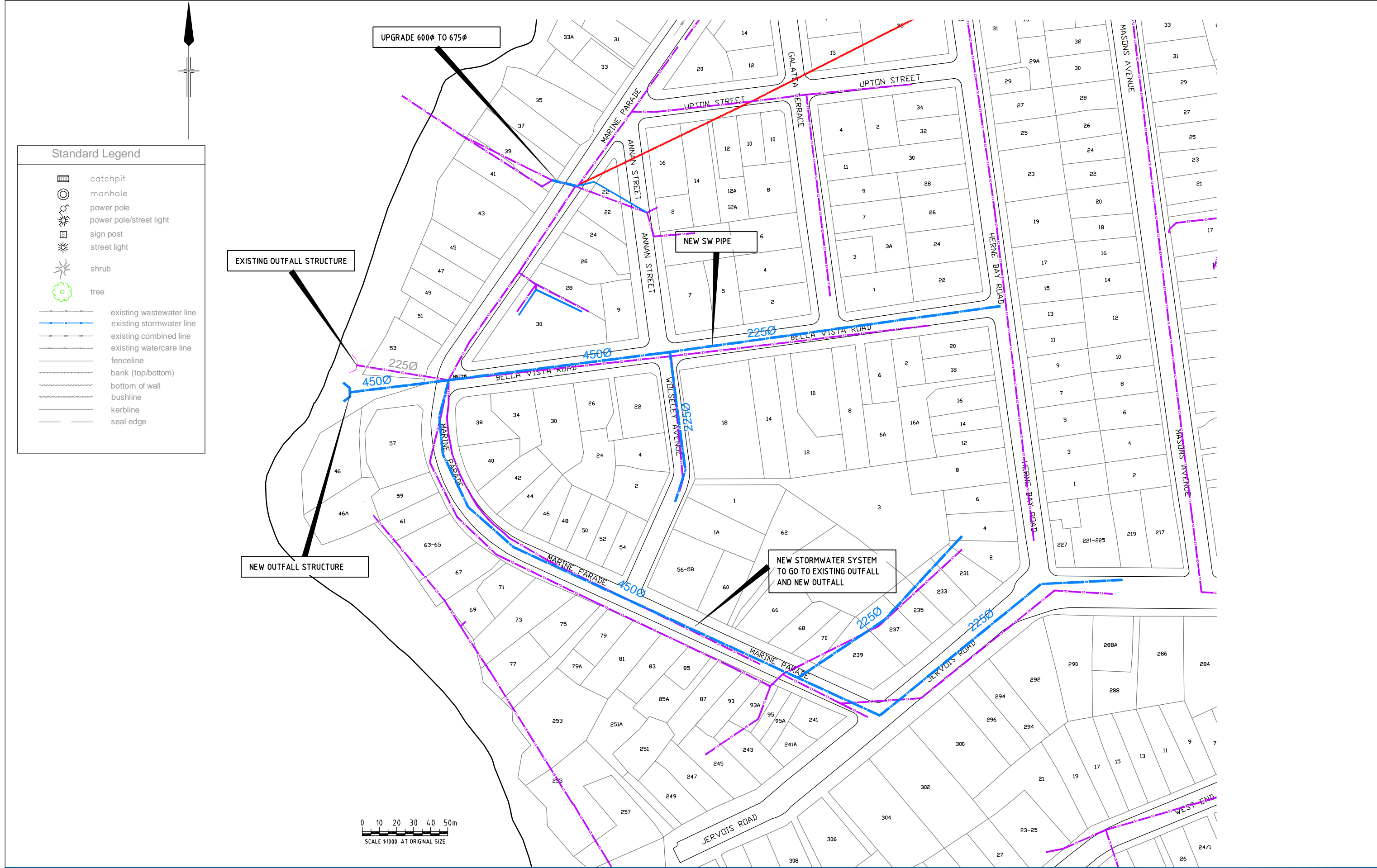
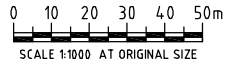
EXISTING OUTFALL STRUCTURE

NEW OUTFALL STRUCTURE

UPGRADE 600 $\phi$  TO 675 $\phi$

NEW SW PIPE

NEW STORMWATER SYSTEM  
TO GO TO EXISTING OUTFALL  
AND NEW OUTFALL



No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Checked	Approved	Date
A	ORIGINAL ISSUE		DX			



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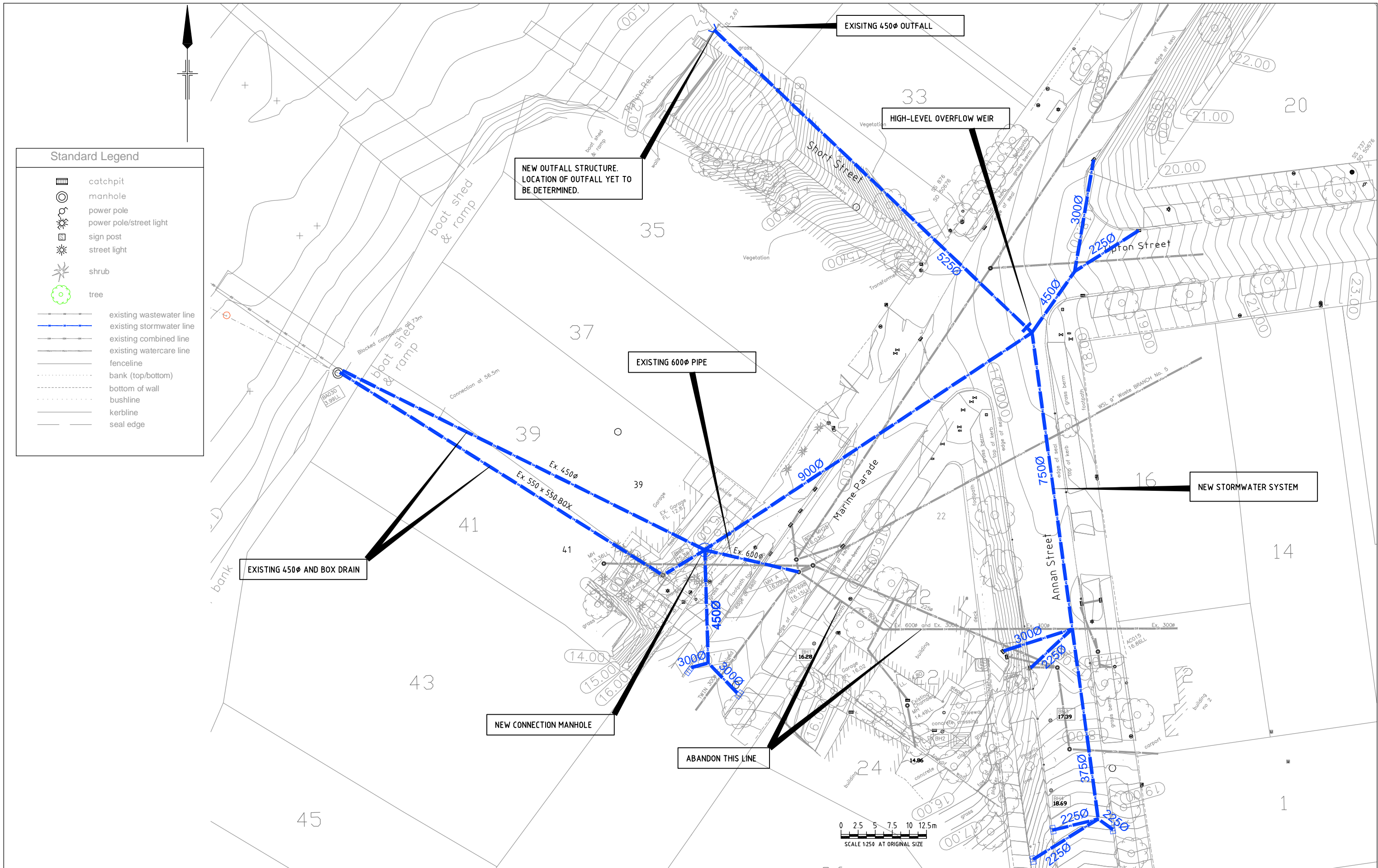
Drawn	DX	Designed	NG
Drafting Check		Design Check	
Approved			
Date			
Scale	1:1000	This Drawing must not be used for Construction unless signed as Approved.	

Client **AUCKLAND CITY COUNCIL**

Project **MARINE PARADE, HERNE BAY**

Title **STORMWATER UPGRADE PLAN - OPTION 1**

Original Size **A1** Drawing No: **51-23678-W011** Rev: **A**



B	OUTFALL EXTENDED, PIPE CONNECTIVITY CHANGED	GC				
A	ORIGINAL ISSUE	DX				
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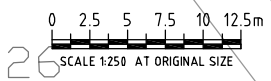
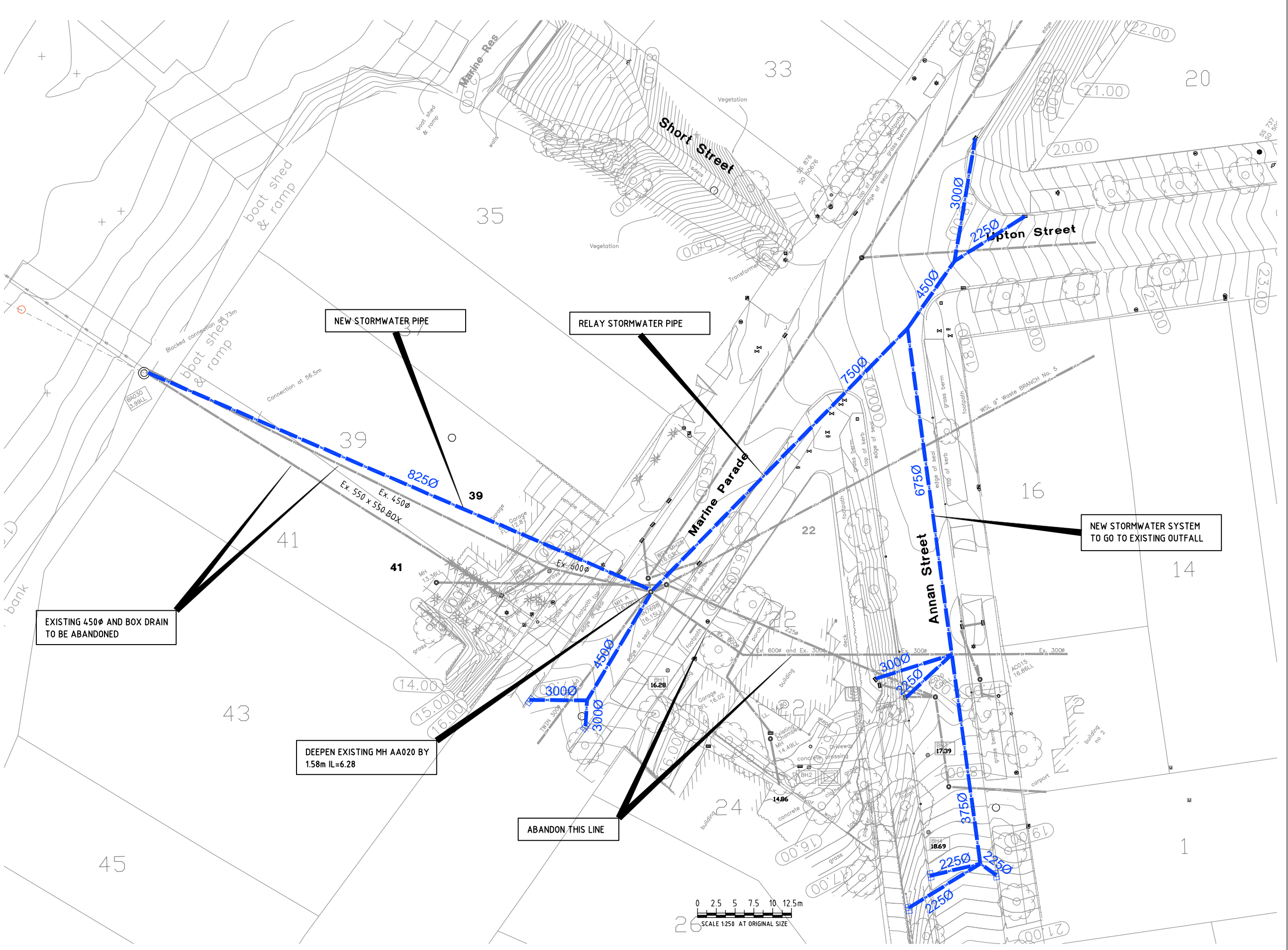
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Drawn	DX	Designed	NG
Drafting	Check	Design	Check
Approved			
Date			
Scale	1:250	This Drawing must not be used for Construction unless signed as Approved	

Client	<b>AUCKLAND CITY COUNCIL</b>
Project	<b>MARINE PARADE, HERNE BAY</b>
Title	<b>STORMWATER UPGRADE PLAN - OPTION 2</b>
Original Size	A1
Drawing No:	<b>51-23678-W012</b>
Rev:	<b>A</b>



Standard Legend	
	catchpit
	manhole
	power pole
	power pole/street light
	sign post
	street light
	shrub
	tree
	existing wastewater line
	existing stormwater line
	existing combined line
	existing watercare line
	fenceline
	bank (top/bottom)
	bottom of wall
	bushline
	kerbline
	seal edge



No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Checked	Approved	Date
A	ORIGINAL ISSUE		DX			



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Approved	Date	Scale 1:250

Client **AUCKLAND CITY COUNCIL**  
 Project **MARINE PARADE, HERNE BAY**  
 Title **STORMWATER UPGRADE PLAN - OPTION 3**

Original Size **A1** Drawing No: **51-23678-W013** Rev: **A**

This Drawing must not be used for Construction unless signed as Approved

