



- KEY INFORMATION**
- 1 PUMPSTATION TO KOPIUARO A CANAL
 - 2 UPGRADE TO EX BELL RD PUMPSTATION
 - 3 NOTABLE CAUSEWAYS
 - 4 50M+ WIDE GREENWAY DIVERTING UPSTREAM BELL ROAD DRAIN AND PROVIDING STORAGE
 - 5 STORMWATER ATTENUATION RESERVES
 - 6 <35M WIDE SWALES TREATING AND CONVEYING INTERNAL SW FLOWS
 - 7 50M WIDE SWALES CONVEYING DEVELOPING SW FLOWS
 - 8 20M WIDE BELL ROAD DRAIN CONVEYING DEVELOPMENT SW FLOWS

LEGEND

	EX B'DY
	PROP B'DY
	FARM DRAINS
	OVERLAND FLOW PATH
	PROP WETLAND SWALE
	PROP SW RESERVE
	PROP BATTER SLOPE
	PROP RESERVE

Rev	Description	By	Date
B	FOR CONSENT	MB	03/26
A	FOR REVIEW	MB	12/25

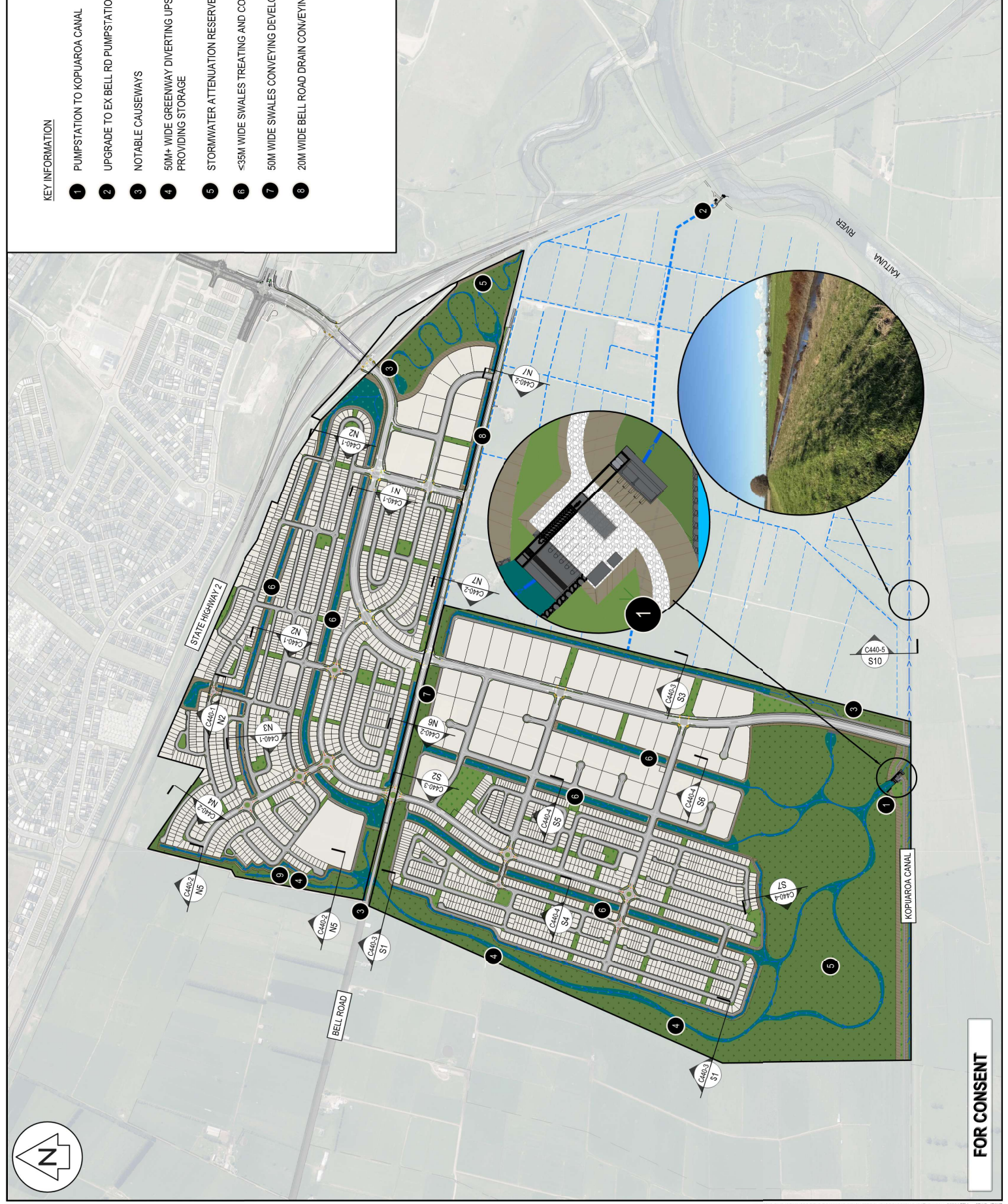
Survey	By	Date
MAVEN	MB	05/20/25
Design	MB	11/25
Drawn	MB	11/25
Checked	CS	11/25

Maven Bay of Plenty
 115 Cameron Street, Tauranga
 New Zealand

Project
WAIRAKEI SOUTH FTA090
DEVELOPMENT
BELL ROAD, PAPAMOA
FOR BELL ROAD
LIMITED PARTNERSHIP

Title
PROPOSED
STORMWATER OVERVIEW
PLAN

Project no.	BOP0749
Scale	1:12000 @ A3
Card file	8/20/25/000.DWG
Drawing no.	C400-0-1
Rev	B



FOR CONSENT

- NOTES**
1. ALL WORKS TO BE IN ACCORDANCE WITH WESTERN BAY OF PLENTY DEVELOPMENT CODE.
 2. CO-ORDINATES IN TERMS OF BAY OF PLENTY 2000.
 3. REDUCED LEVELS ARE IN TERMS OF NZVD 2016. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR PROPOSED DEVELOPMENT.
 4. HEAVY DUTY MANKO FLIDS AND FRAMES TO BE USED IN TRAFFICED AREAS. ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 5. ALL LINES ARE TO BE RORRI CLASS 4 UNLESS SHOWN OTHERWISE.



Rev	Description	By	Date
B	FOR CONSENT	MB	03/26
A	FOR REVIEW	MB	12/25

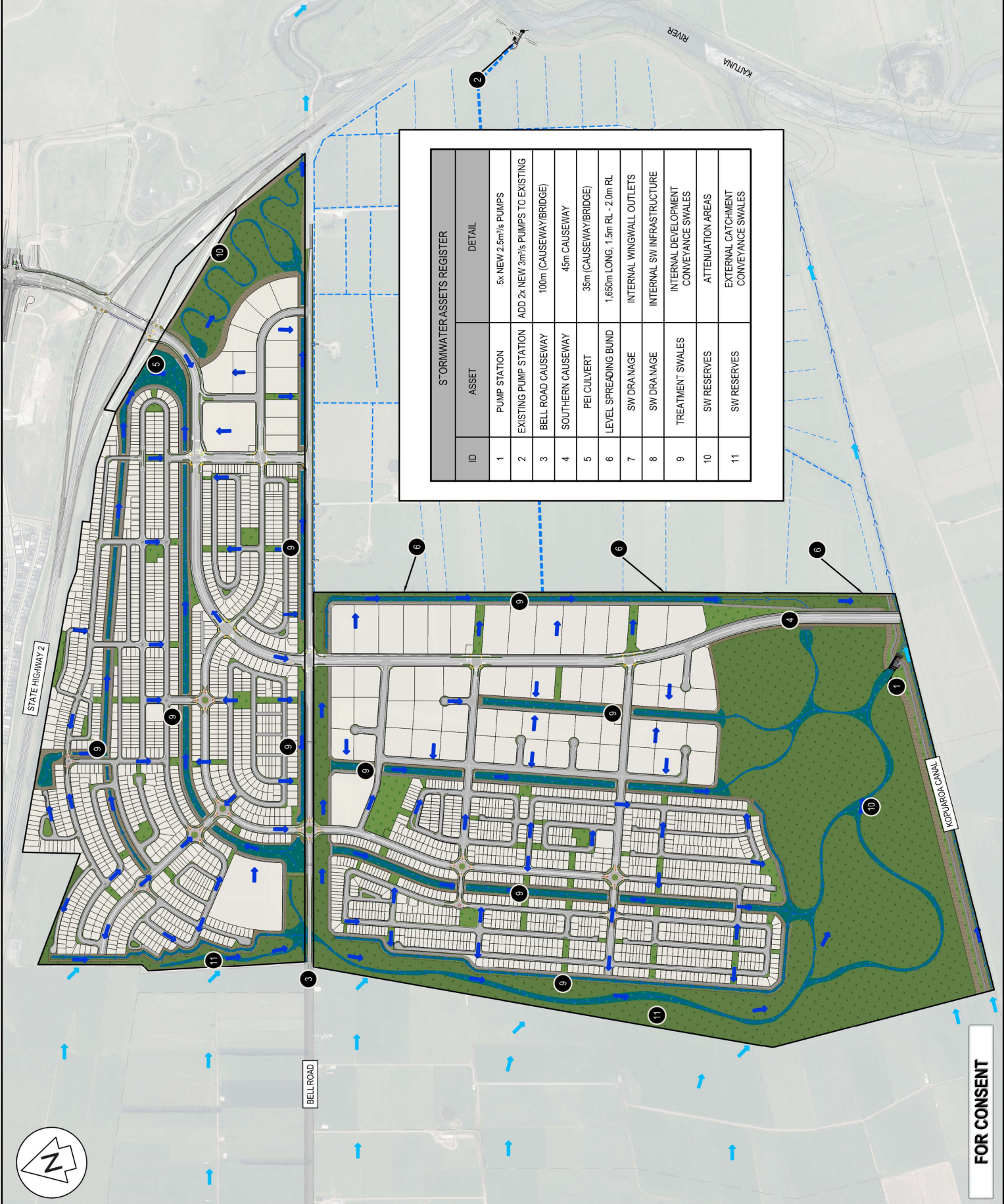
Survey	MAVEN	06/2025
Design	MB	11/25
Drawn	MB	11/25
Checked	SB	11/25

M A E N
 Naven Bay of Plenty
 115 Cameron Street, Tauranga
 New Zealand

Project
WAIRAKEI SOUTH FTA090 DEVELOPMENT
BELL ROAD, PAPAMOA
FOR BELL ROAD LIMITED PARTNERSHIP

Title
PROPOSED STORMWATER ASSETS PLAN

Project no. BOP0749
Scale 1:10000 @ A3
Card file BOP095-C00-DWG
Drawing no. C400-0-2
Rev B



ID	ASSET	DETAIL
1	PUMP STATION	5x NEW 2.5m ³ /s PUMPS
2	EXISTING PUMP STATION	ADD 2x NEW 3m ³ /s PUMPS TO EXISTING
3	BELL ROAD CAUSEWAY	100m (CAUSEWAY/BRIDGE)
4	SOUTHERN CAUSEWAY	45m CAUSEWAY
5	PEI CULVERT	35m (CAUSEWAY/BRIDGE)
6	LEVEL SPREADING BUND	1,660m LONG, 1.5m RL - 2.0m RL
7	SW DRAINAGE	INTERNAL WINGWALL OUTLETS
8	SW DRAINAGE	INTERNAL SW INFRASTRUCTURE
9	TREATMENT SWALES	INTERNAL DEVELOPMENT CONVEYANCE SWALES
10	SW RESERVES	ATTENUATION AREAS
11	SW RESERVES	EXTERNAL CATCHMENT CONVEYANCE SWALES

ORIGINAL SIZE: A3

FOR CONSENT

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LEGEND

---	EXISTING
---	PROP. BOUNDARY
---	PROP. STAGE BOUNDARY
---	PROP. STORMWATER
---	PROP. OVERLAND FLOW PATH
---	PROP. WETLAND SWALE
---	PROP. SW RESERVE
---	PROP. BATTER SLOPE
---	PROP. RESERVE

Rev	Description	By	Date
B	FOR CONSENT	MB	03/26
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Survey	MAVEN	05/2025
Design	MB	11/25
Drawn	MB	12/25
Checked	CS	12/25

M A V E N

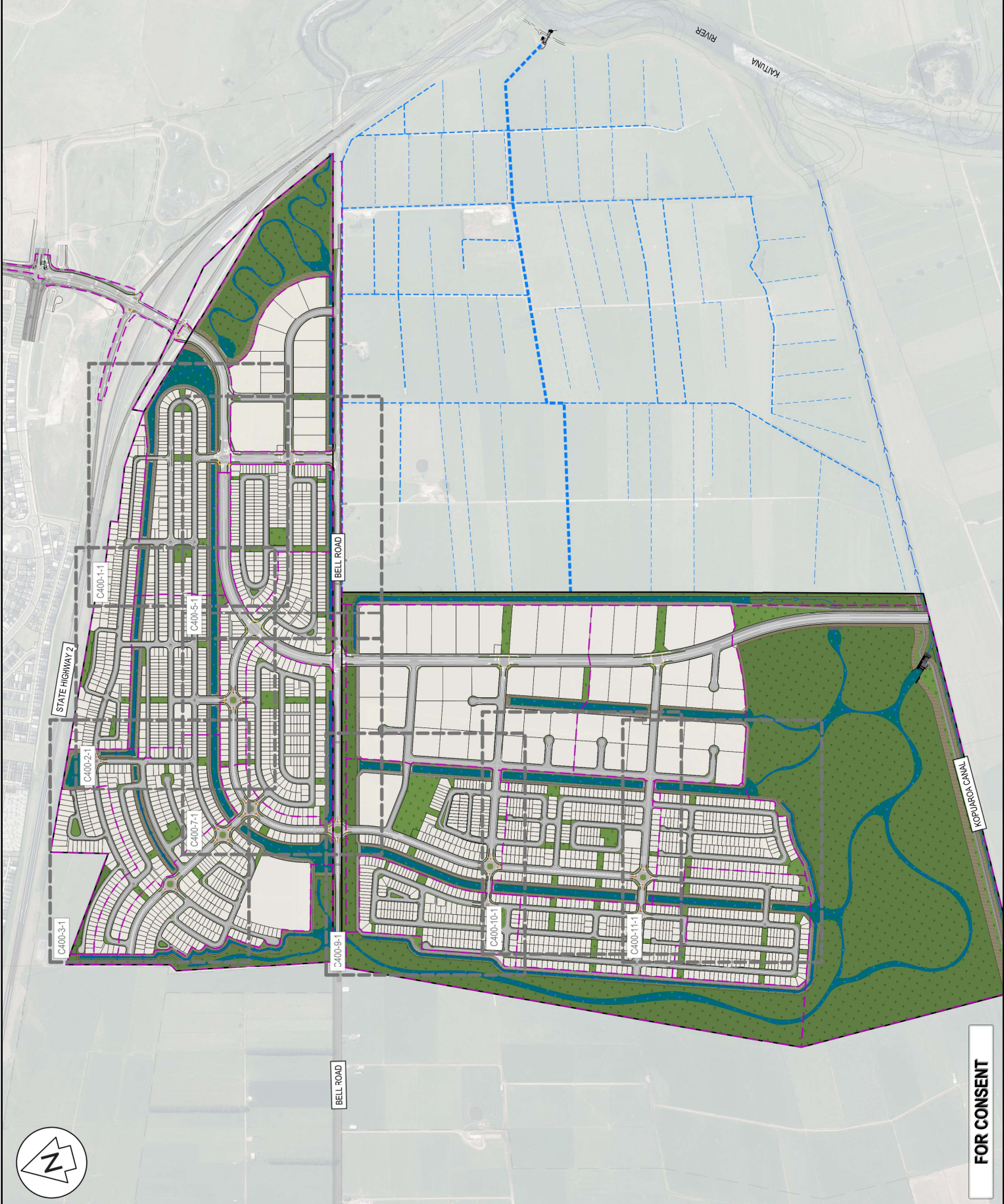
Naven Bay of Plenty
 115 Cameron Street, Tauranga
 New Zealand

Project
WAIRAKEI SOUTH FTA090 DEVELOPMENT
BELL ROAD, PAPAMOA
FOR BELL ROAD LIMITED PARTNERSHIP

Title
PROPOSED STORMWATER LAYOUT OVERVIEW PLAN

Project no. BOP0749
Scale 1:10000 @ A3
Card file BOP0749-000.DWG

Drawing no. C400-0-3
Rev B



DATE: 5/28 FILE PATH: F:\M\KEN_39\PROJECTS\09\789\BELL ROAD\789\SWM\000.DWG DESIGN:09/24/CS

ORIGINAL SIZE: A3

150m

100

50

0

FOR CONSENT

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LEGEND

---	EXISTING
---	PROP. BOUNDARY
---	PROP. STAGE BOUNDARY
---	PROP. STORMWATER
---	PROP. OVERLAND FLOW PATH
---	PROP. VIETLAND SWALE
---	PROP. SW RESERVE
---	PROP. BATTER SLOPE
---	PROP. RESERVE

Rev	Description	By	Date
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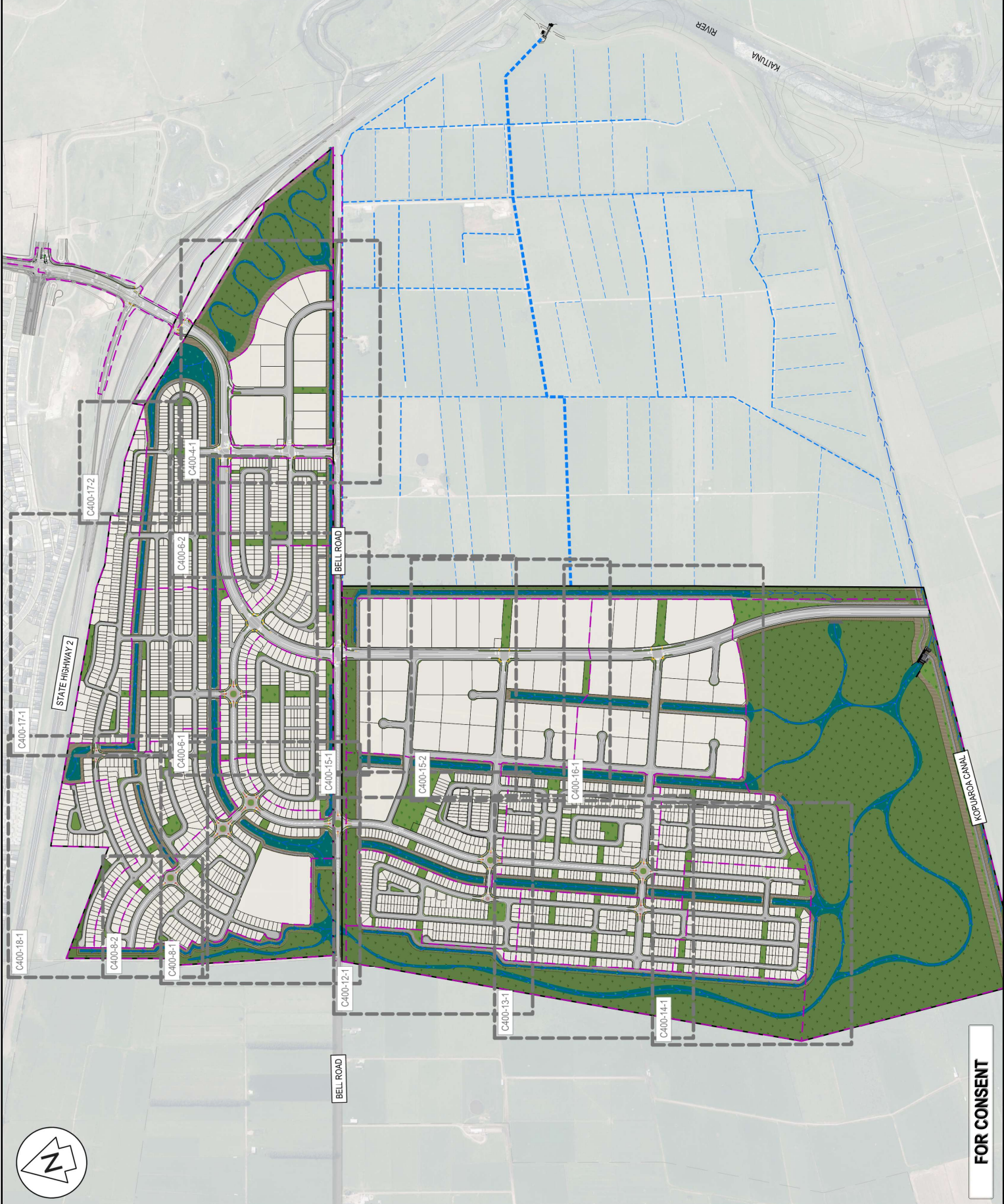
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Maven Bay of Plenty
 115 Cameron Street, Tauranga
 www.maven.co.nz

Project
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DEVELOPMENT
BELL ROAD, PAPAMOA
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LIMITED PARTNERSHIP

Title
PROPOSED
STORMWATER LAYOUT
OVERVIEW PLAN

Project no.	BOP0749
Scale	1:10000 @ A3
Card file	SPRIVES-C400.DWG
Drawing no.	C400-0-4
Rev	B



ORIGINAL SIZE: A3

FOR CONSENT