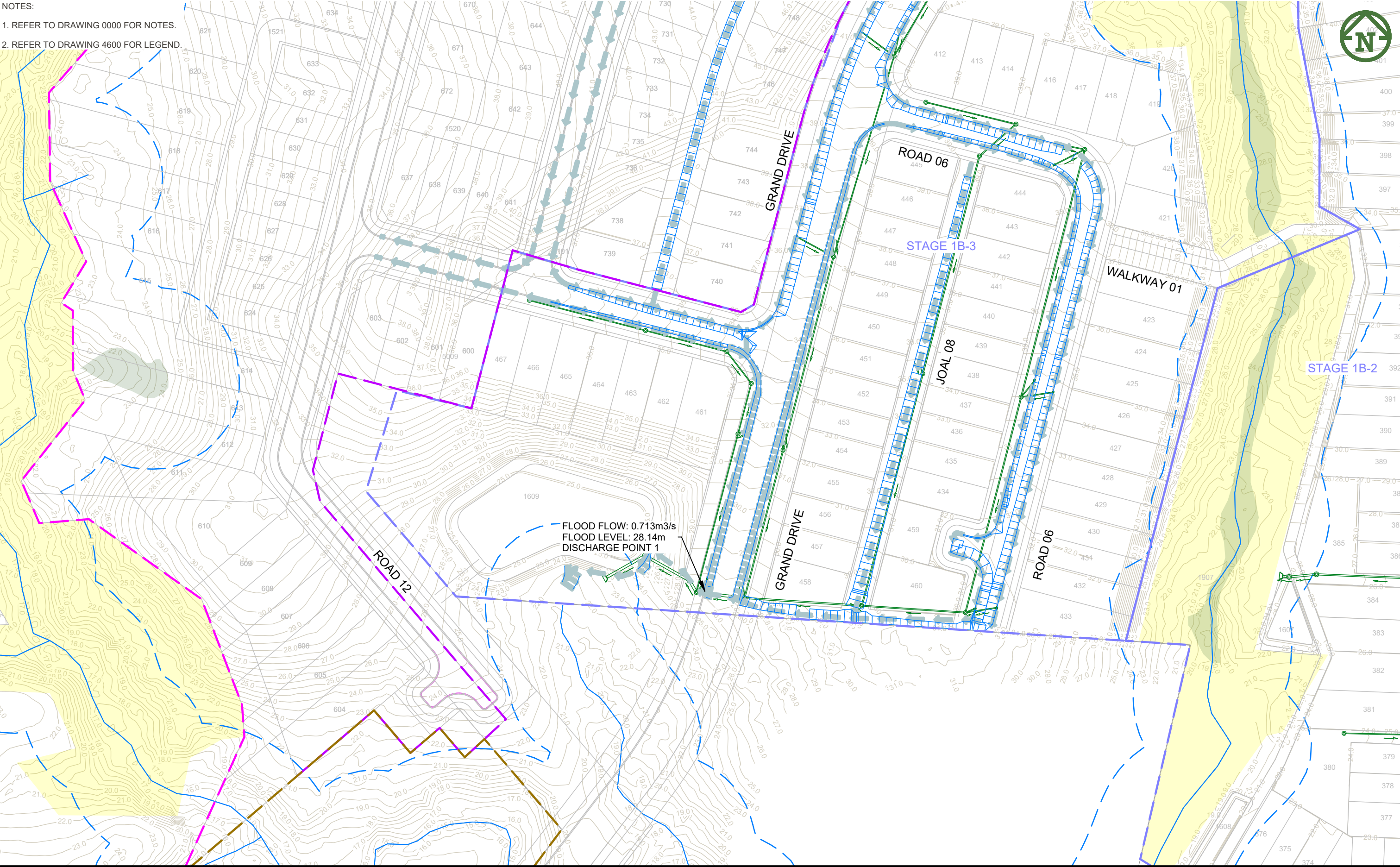


NOTES:
1. REFER TO DRAWING 0000 FOR NOTES.

LEGEND:	
STAGE 1A BOUNDARY	
STAGE 1B BOUNDARY	
STAGE 2A BOUNDARY	
STAGE 2B BOUNDARY	
STAGE 2C BOUNDARY	
STAGE 2D BOUNDARY	
PROPOSED STORMWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER LOT CONNECTION	
PROPOSED STORMWATER T-BAR	
PROPOSED CULVERT	
PROPOSED RAINGARDEN	
EXISTING STREAM	
PROPOSED WASTEWATER	
20m RIPARIAN MARGIN	
PROPOSED 100YR OLFP	
FLOOD HAZARD 0.4m²/s <DxV < 0.6m²/s	
COVENANT	
WETLAND	
NEW WETLAND	

- NOTES:
1. REFER TO DRAWING 0000 FOR NOTES.
2. REFER TO DRAWING 4600 FOR LEGEND.



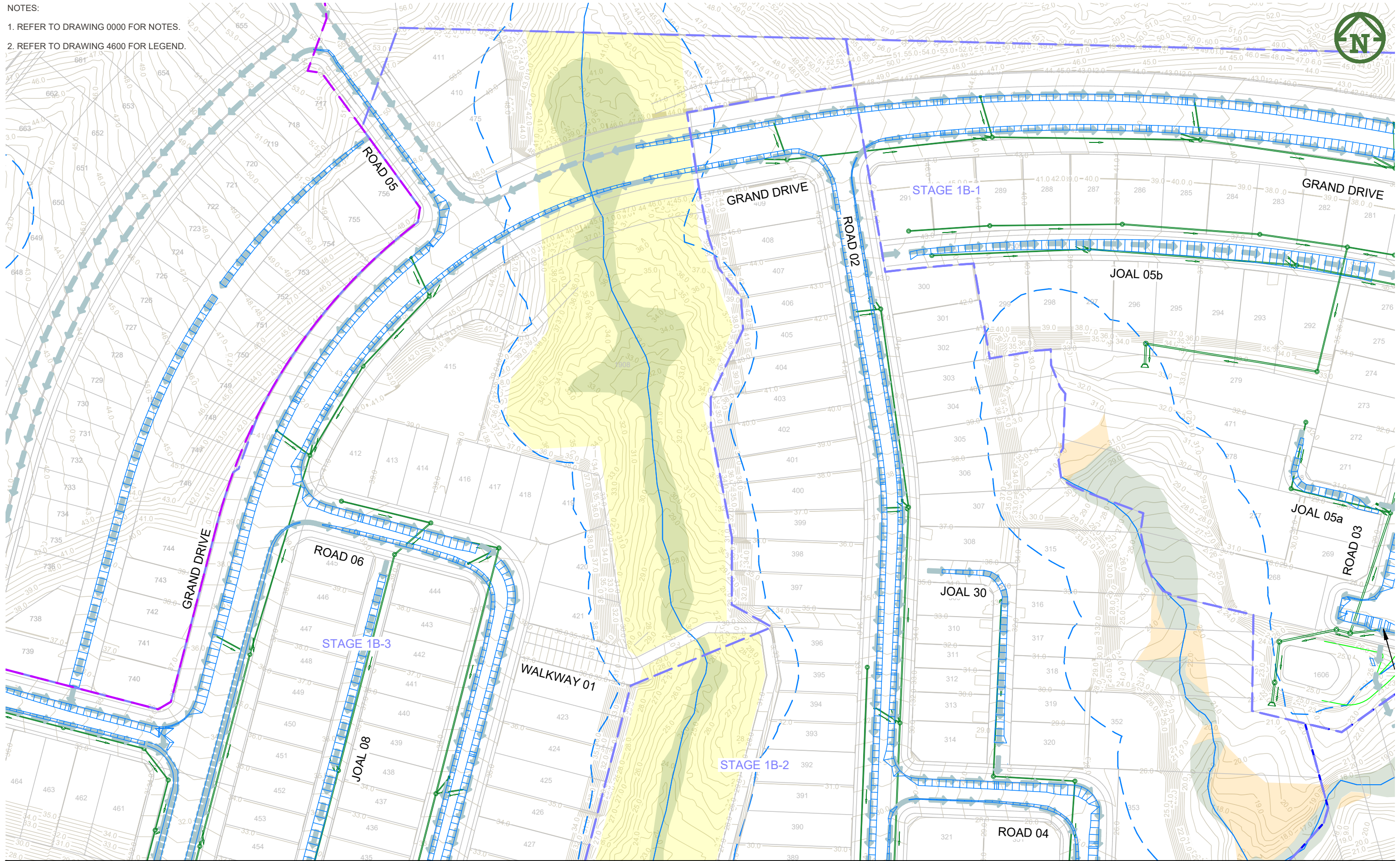
CLIENT:				PROJECT:				TITLE:				PURPOSE OF ISSUE:			
VINEWAY LIMITED				DELMORE STAGE 1 53A, 53B & 55 RUSSELL RD OREWA				STORMWATER 1% AEP OLFP PLAN SHEET 1 OF 7				RESOURCE CONSENT			
D FOR RESOURCE CONSENT				C FOR RESOURCE CONSENT				B FOR RESOURCE CONSENT				A FIRST ISSUE			
ZW JK 2/07/2025				NC PO JK 5/02/2025				NC PO JK 31/01/2025				20/12/2024			
REV DESCRIPTION				DRN BY CHK BY APP BY DATE				SCALE:				DRAWING NO:			
11/25:22:44 2025				THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE				1:1000 @ A3				3725-1-4601			
MCKENZIE & CO.				DO NOT SCALE				REV:				D			



MCKENZIE & CO.

1. REFER TO DRAWING 0000 FOR NOTES.

2. REFER TO DRAWING 4600 FOR LEGEND.



PURPOSE OF ISSUE:

RESOURCE CONSENT

REV:

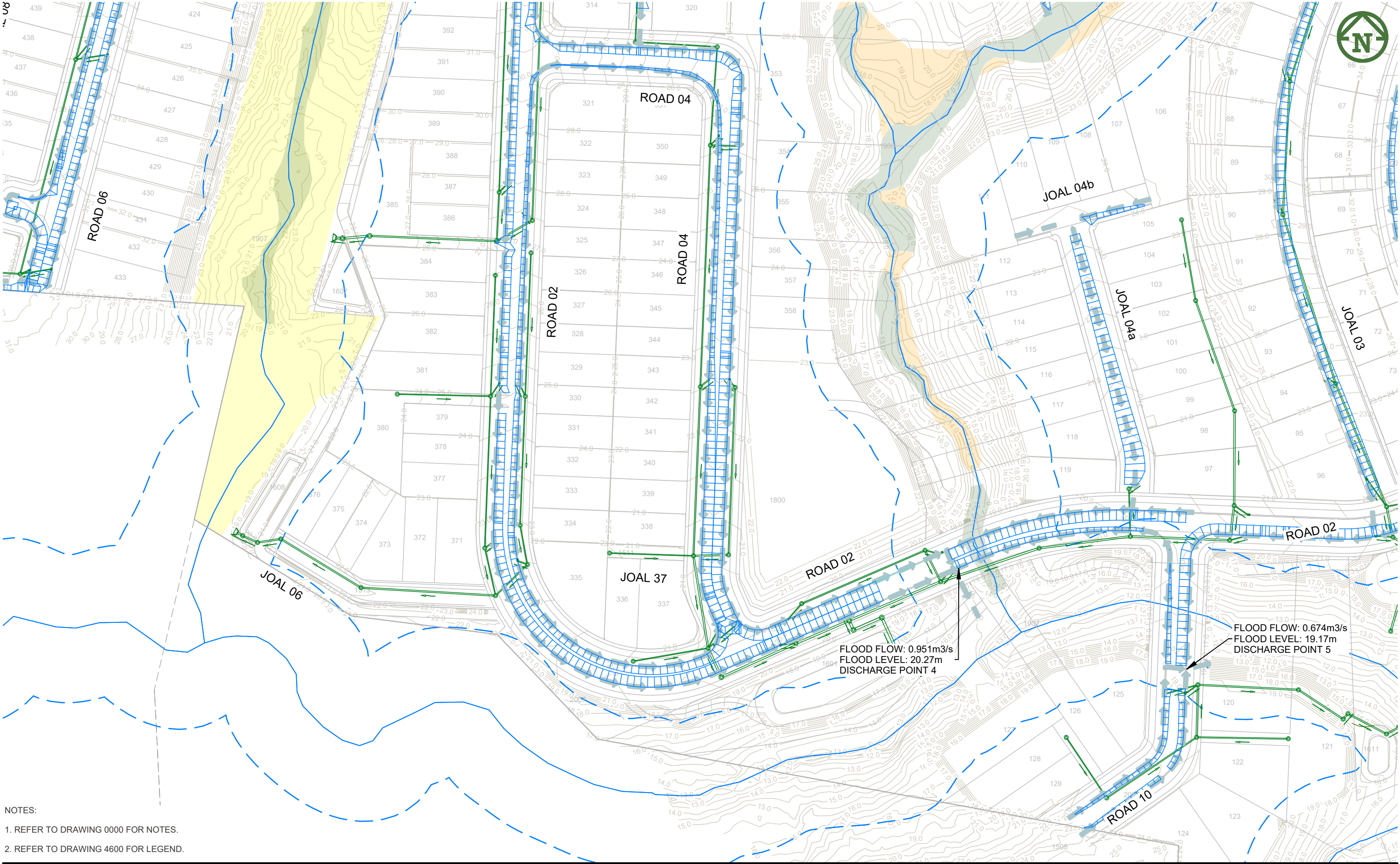
D

D	FOR RESOURCE CONSENT	ZW	JK	2/07/2025	
C	FOR RESOURCE CONSENT	NC	PO	JK 5/02/2025	
B	FOR RESOURCE CONSENT	NC	PO	JK 31/01/2025	
A	FIRST ISSUE			20/12/2024	
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE

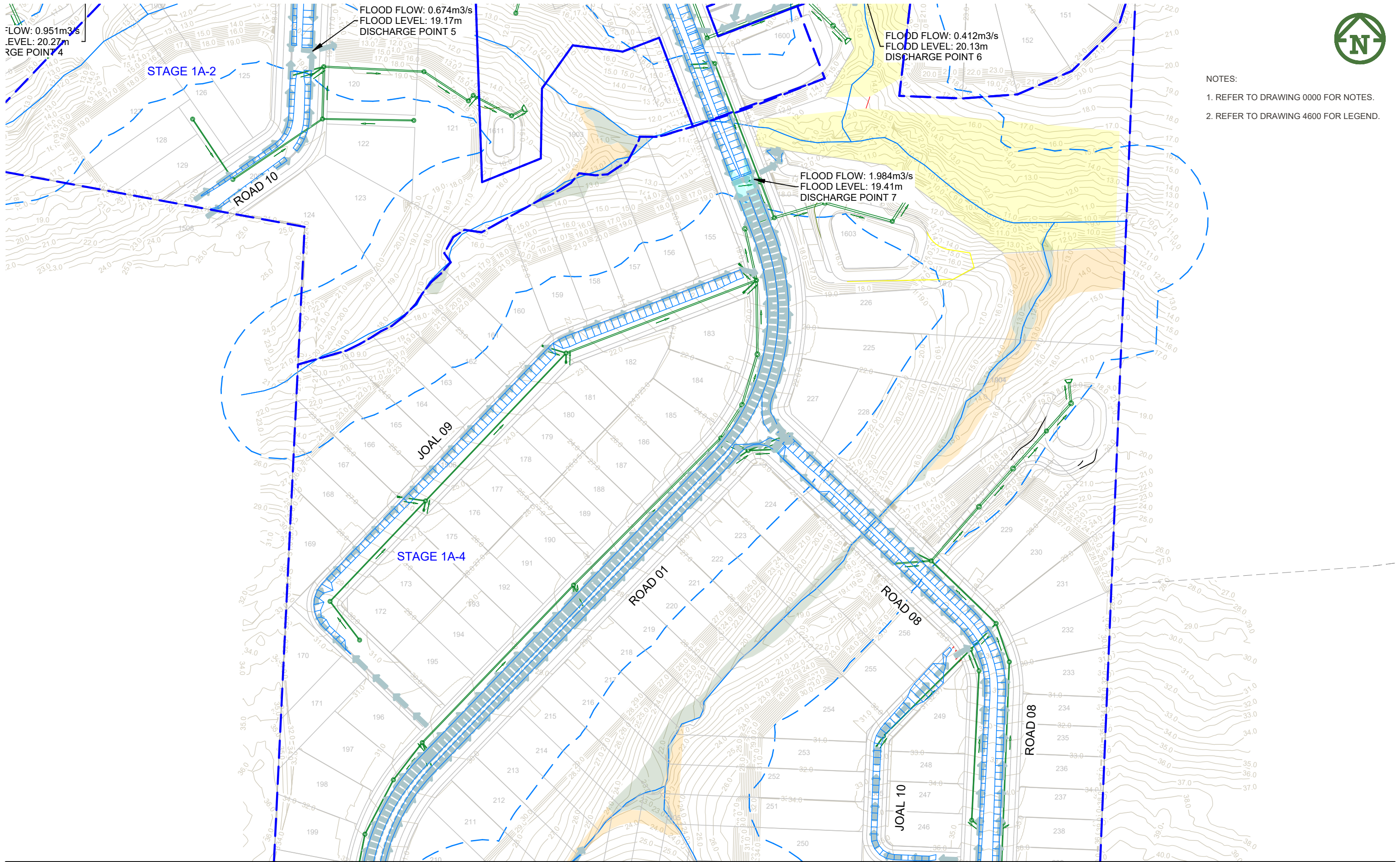


MCKENZIE & CO.

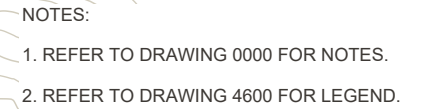
c:\2dS\data\MCKFS01\3725 Delmore - 53A, 53B & 55 Russell Road, Orewa. Delmore_4684\06. Engineering Design\6.4. 12d\Stage 1 Plotting.12dmodel Stage 1 Plotting



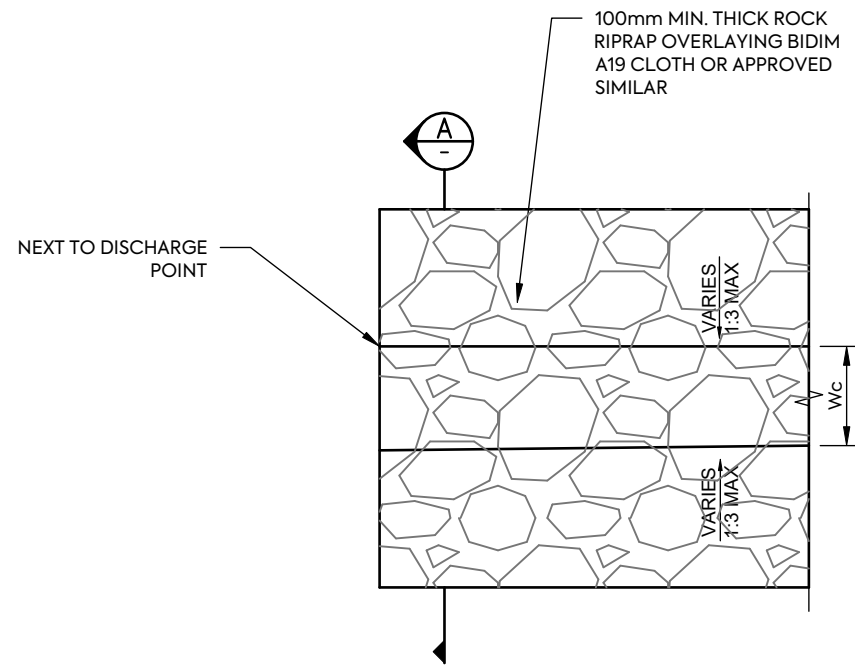
- NOTES:
- 1. REFER TO DRAWING 0000 FOR NOTES.
 - 2. REFER TO DRAWING 4600 FOR LEGEND.



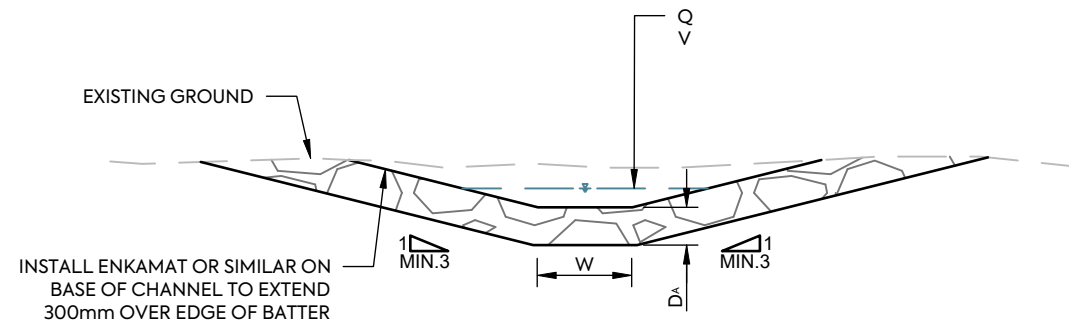
- NOTES:
- 1. REFER TO DRAWING 0000 FOR NOTES.
 - 2. REFER TO DRAWING 4600 FOR LEGEND.



D



TYPICAL DISCHARGE CHANNEL DETAIL - PLAN
SCALE: 1:40 @ A3



SECTION A
SCALE: 1:40 @ A3

DISCHARGE POINT DIMENSIONS

DISCHARGE	FLOOD FLOW (m3/s)	FLOOD VELOCITY (m/s)	CHANNEL BED WIDTH Wb	GRADE (SLOPE) '%'	CHANNEL SIDE SLOPE	RIPRAP DIAMETER 'd^s' (m)	RIPRAP THICKNESS 'D^A' (m)
DISCHARGE POINT 1	0.713	2.99	0.4	12	1 IN 3	0.20	0.40
DISCHARGE POINT 2	1.013	4.784	0.5	34	1 IN 3	0.43	0.86
DISCHARGE POINT 3	1.123	4.256	0.5	23	1 IN 3	0.36	0.72
DISCHARGE POINT 4	0.951	OVER TOP AT CULVERT 5					
DISCHARGE POINT 5	0.674	OVER TOP AT CULVERT 4					
DISCHARGE POINT 6	0.412	OVER TOP AT CULVERT 2					
DISCHARGE POINT 7	1.984	OVER TOP AT CULVERT 3					
DISCHARGE POINT 8	0.03	OVER TOP AT CULVERT 12					

Refer to Engineering Calculations (TR2013/018)



CLIENT:
VINEWAY LIMITED

PROJECT:
DELMORE
STAGE 1
53A, 53B & 55 RUSSELL ROAD
OREWA

TITLE:
STORMWATER
DISCHARGE CHANNEL
DETAIL PLAN

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
AS SHOWN
DO NOT SCALE

DRAWING NO:
3725-1-4608
REV:
A

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FOR CONSENT	ZW	JK	JK	29/06/25