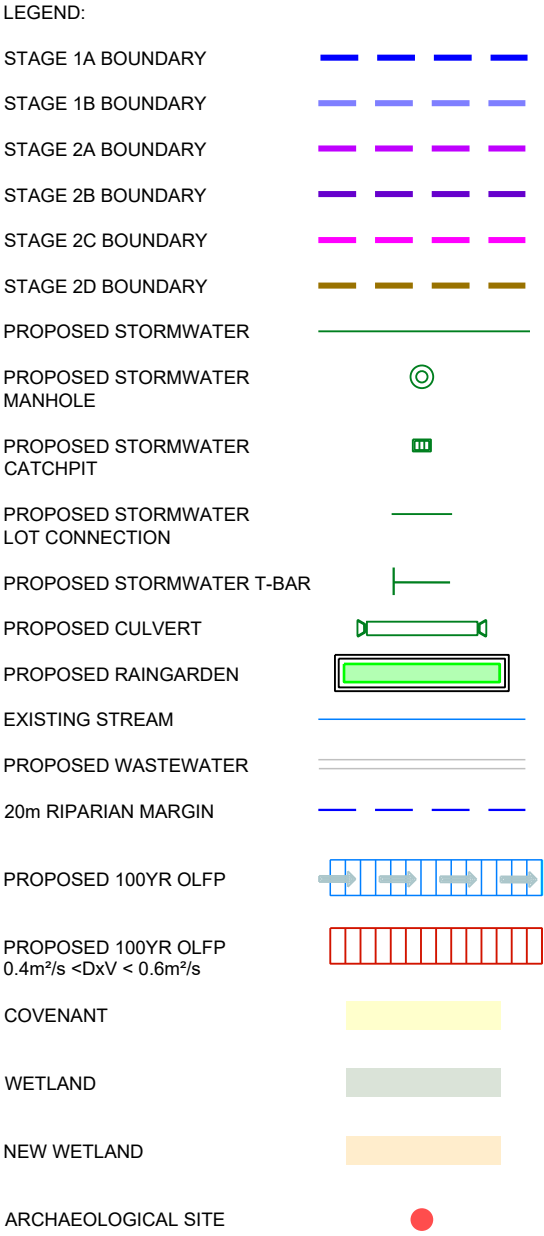
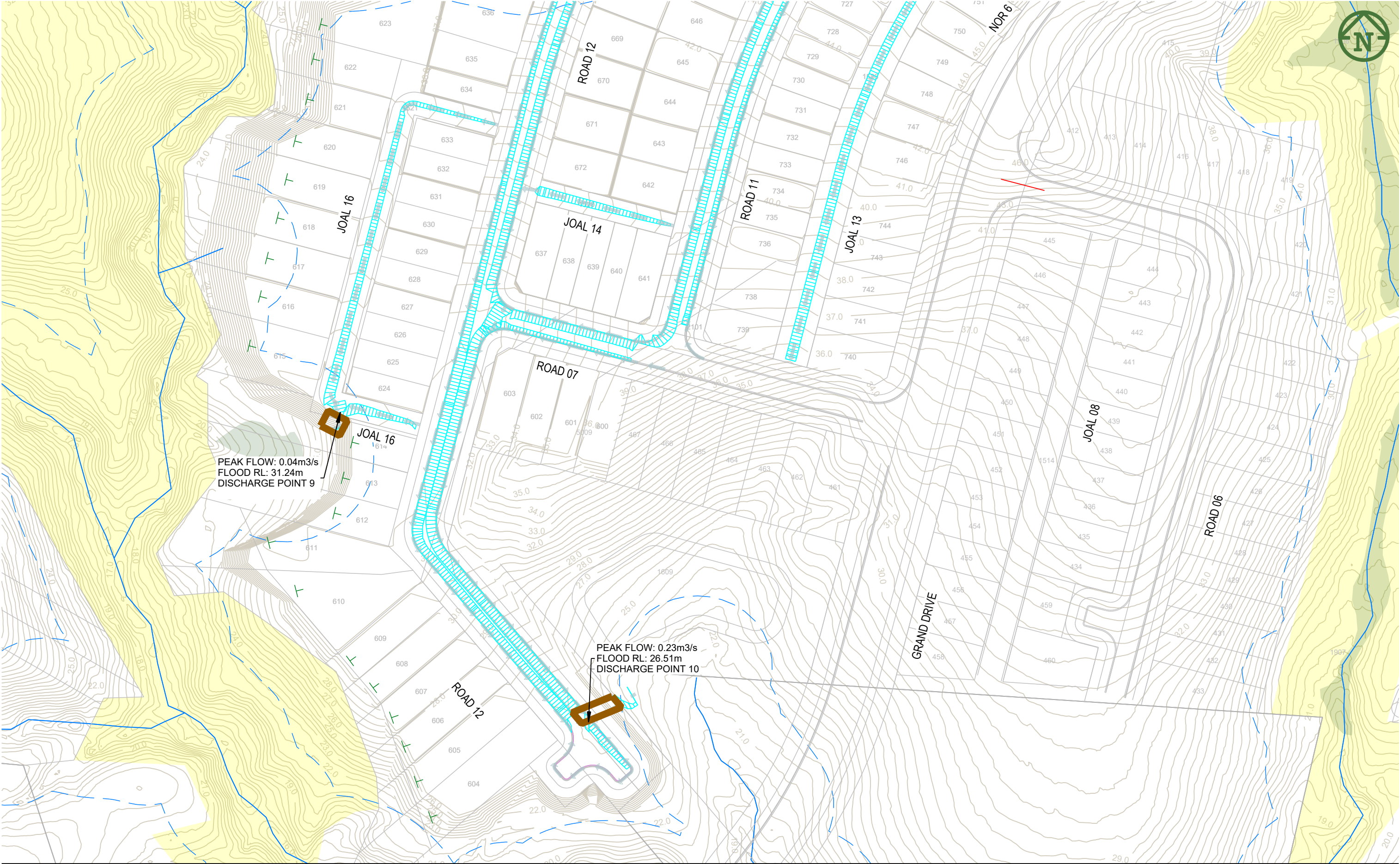


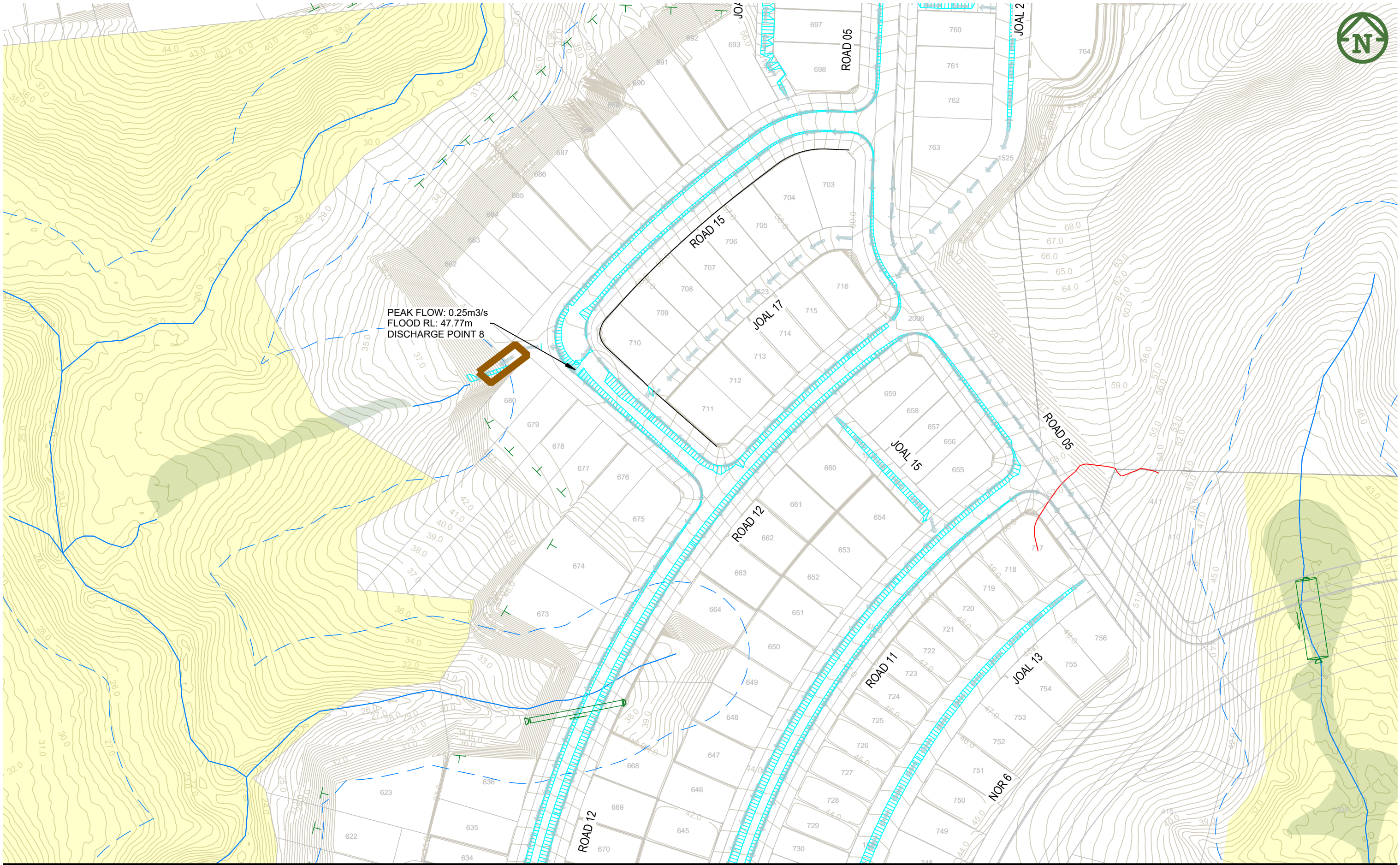


F FOR CONSENT ZW JK 1/07/2025 E FOR CONSENT ZW JK 11/02/2025 D FOR CONSENT ZW JK 4/02/2025 C FOR CONSENT ZW JK 31/01/2025 B UPDATED CONTOURS TDW JK 16/01/2025 A FIRST ISSUE					CLIENT: VINEWAY LIMITED PURPOSE OF ISSUE: RESOURCE CONSENT PROJECT: DELMORE STAGE 2A1, 2A2, 2B1, & 2D 53A, 53B & 55 RUSSELL RD OREWA TITLE: STORMWATER 100 YR OLFP PLAN OVERALL PURPOSE OF ISSUE: RESOURCE CONSENT SCALE: 1:4000 @A3 DO NOT SCALE DRAWING NO: 3725-2AB-4600 REV: F				
REVDESCRIPTIONDRN BYCHK BYAPP BYDATE					PLOT DATE Tue Jul 1 09:13:00 2025WWW.MCKENZIEANDCO.CO.NZTHIS 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				

c:\12d\5\data\MCKFSO1\3725-2 Delmore Stage 2_5201\06000. Engineering Design\6400. 12d\Stage 2AB Plotting\12dmodel Stage 2AB Plotting



F FOR CONSENT						ZW	JK	1/07/2025		CLIENT: VINEWAY LIMITED	PROJECT: DELMORE STAGE 2A1, 2A2, 2B1, & 2D 53A, 53B & 55 RUSSELL RD OREWA	TITLE: STORMWATER 100 YR OLFP PLAN SHEET 1 OF 5	PURPOSE OF ISSUE: RESOURCE CONSENT
E FOR CONSENT						ZW	JK	11/02/2025					
D FOR CONSENT						ZW	JK	4/02/2025					
C FOR CONSENT						ZW	JK	31/01/2025					
B UPDATED CONTOURS						TDW	JK	16/01/2025					
A FIRST ISSUE													
REV	DESCRIPTION					DRN BY	CHK BY	APP BY	DATE				
PLOT DATE Tue Jul 1 09:13:15 2025													
WWW.MCKENZIEANDCO.CO.NZ													
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													
c:\12d\5\data\MCKFS01\3725-2 Delmore Stage 2_5201\06000. Engineering Design\6400. 12d\Stage 2AB Plotting\12dmodel Stage 2AB Plotting													



F	FOR CONSENT	ZW	JK	1/07/2025
E	FOR CONSENT	ZW	JK	11/02/2025
D	FOR CONSENT	ZW	JK	4/02/2025
C	FOR CONSENT	ZW	JK	31/01/2025
B	UPDATED CONTOURS	TDW	JK	16/01/2025
A	FIRST ISSUE			

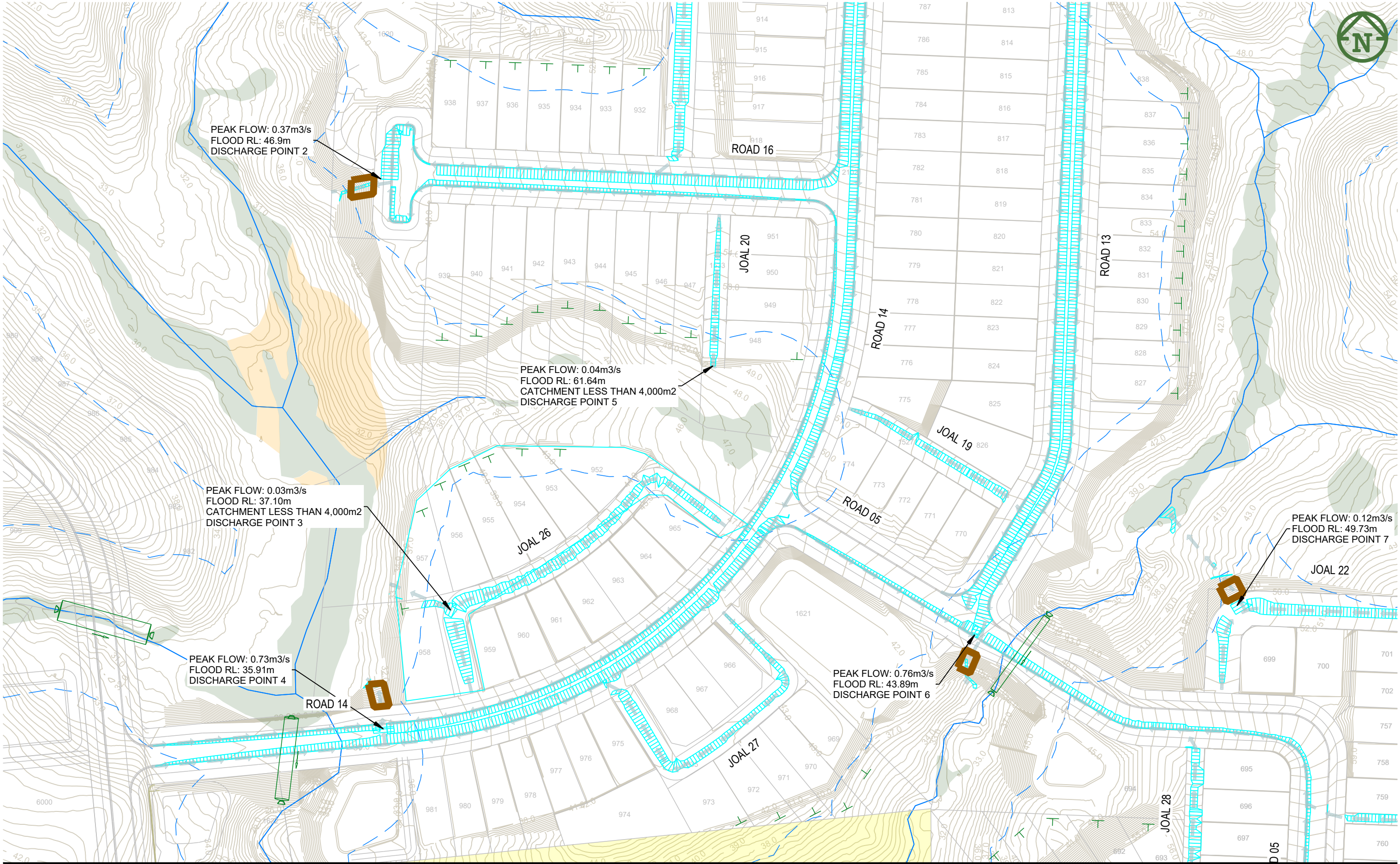


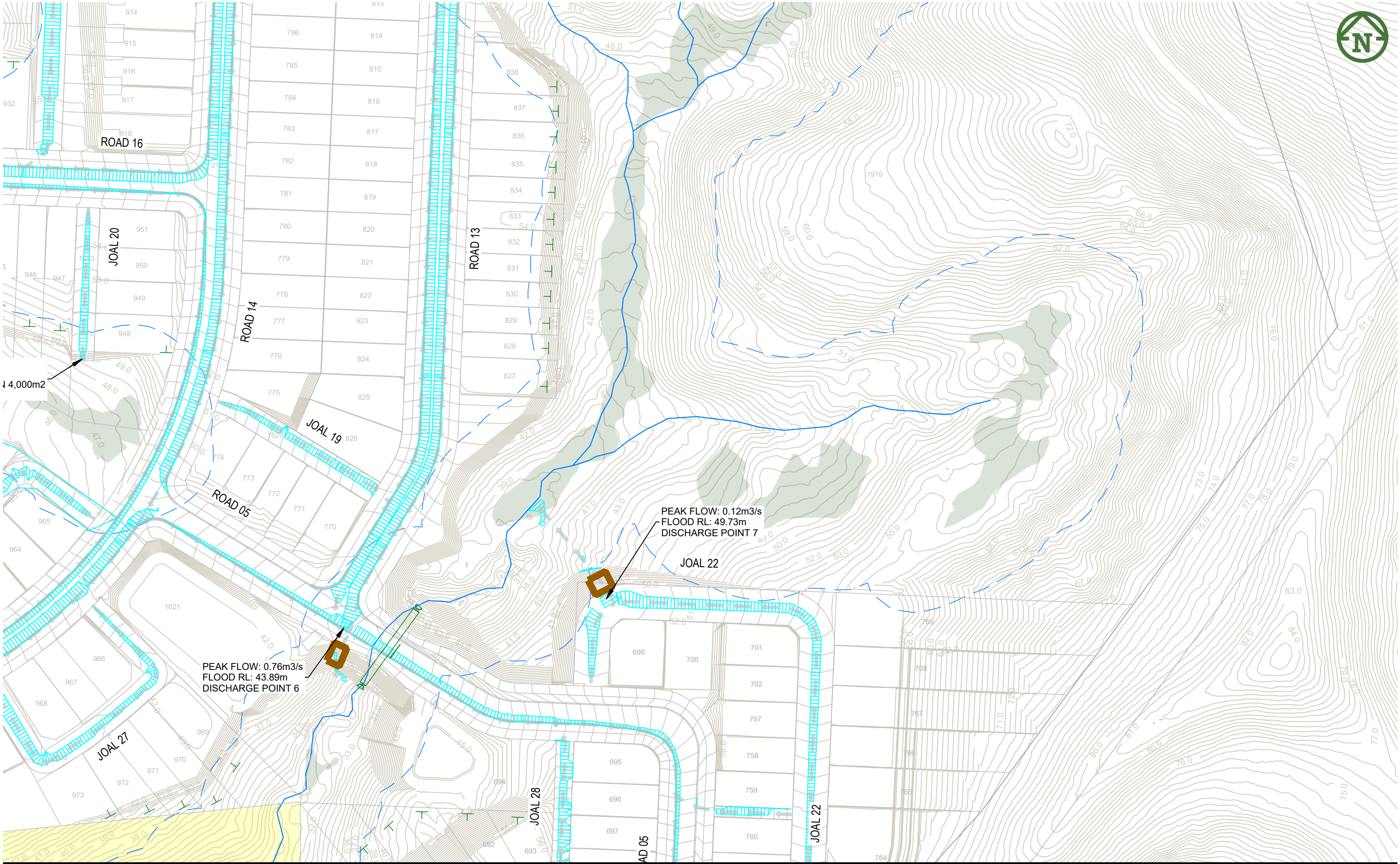
VINEWAY LIMITED

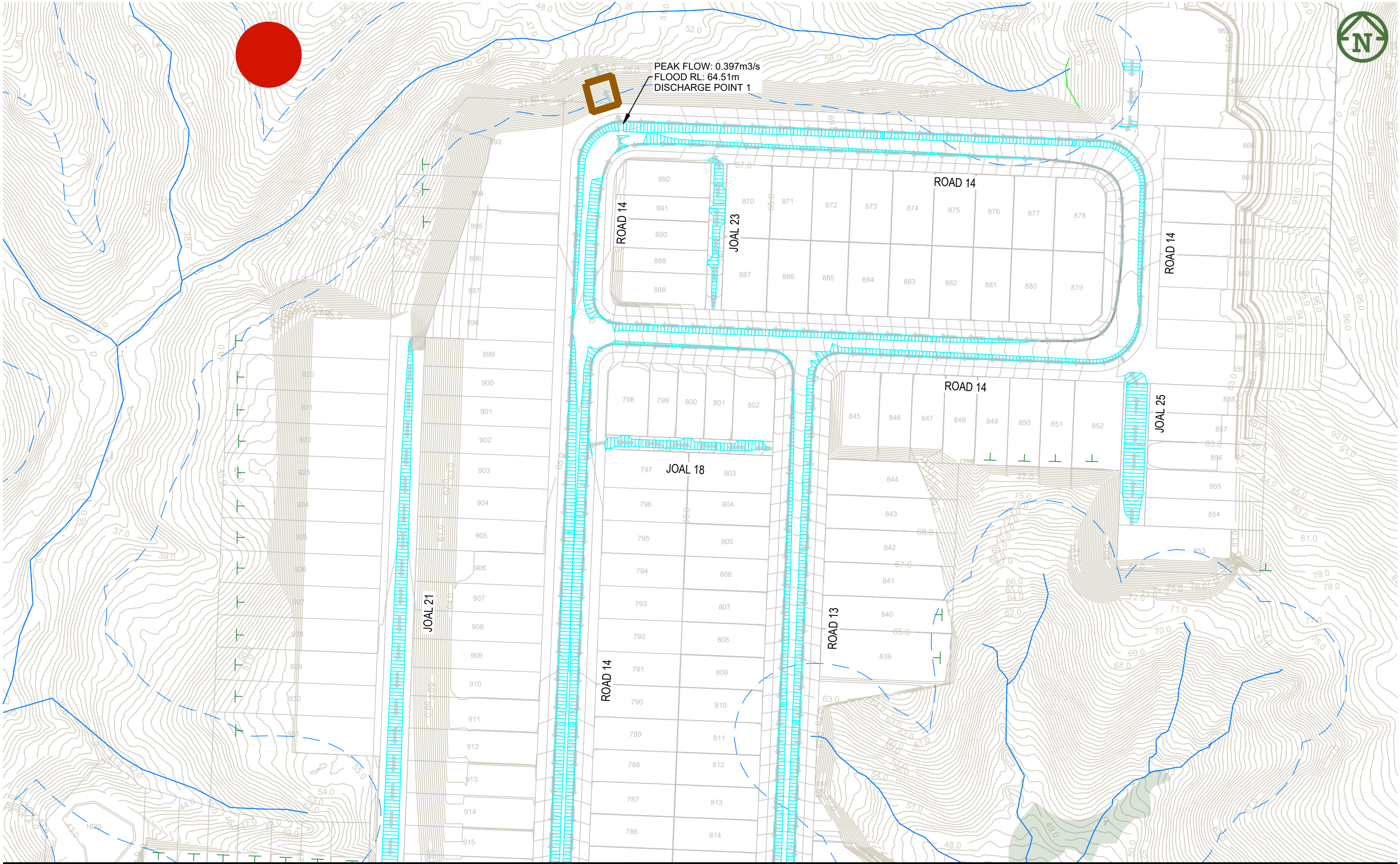
DELMORE
STAGE 2A1, 2A2, 2B1, & 2D
53A, 53B & 55 RUSSELL RD
OREWA

STORMWATER
100 YR OLFP PLAN
SHEET 2 OF 5

PURPOSE OF ISSUE:	RESOURCE CONSENT
SCALE:	1:1000 @ A3
DO NOT SCALE	
DRAWING NO:	3725-2AB-4602
REV:	F



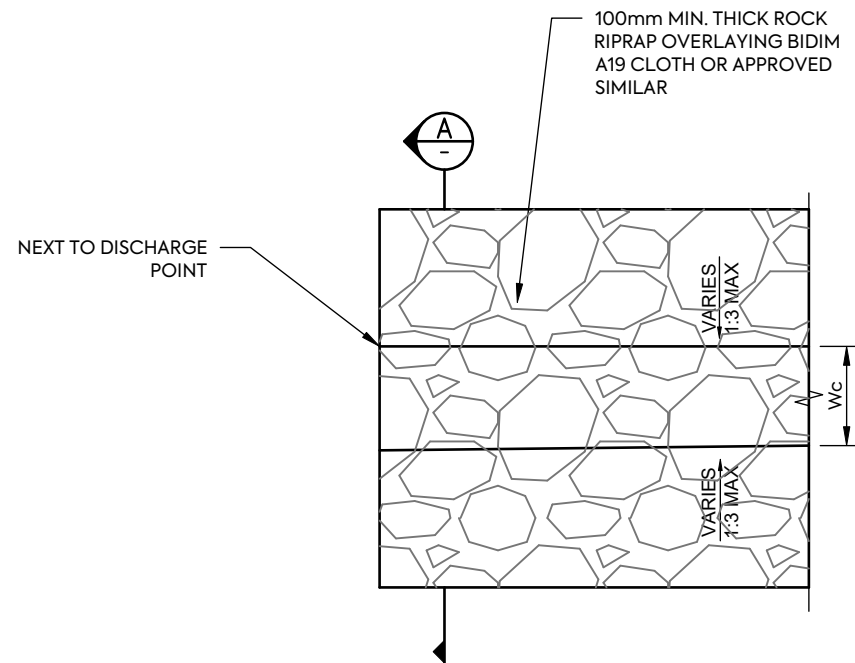




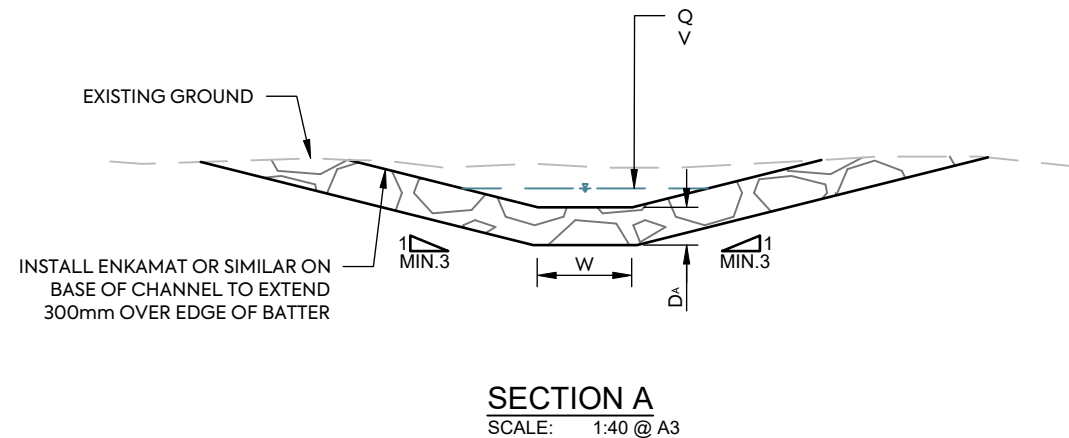
F FOR CONSENT					ZW	JK	1/07/2025
E FOR CONSENT					ZW	JK	11/02/2025
D FOR CONSENT					ZW	JK	4/02/2025
C FOR CONSENT					ZW	JK	31/01/2025
B UPDATED CONTOURS					TDW	JK	16/01/2025
A FIRST ISSUE							

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
-----	-------------	--------	--------	--------	------

<



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



DISCHARGE POINT DIMENSIONS

DISCHARGE	FLOOD FLOW (m3/s)	FLOOD VELOCITY (m/s)	CHANNEL BED WIDTH W _b	GRADE (SLOPE) '%'	CHANNEL SIDE SLOPE	RIPRAP DIAMETER 'd's' (m)	RIPRAP THICKNESS 'D'A' (m)
DISCHARGE POINT 1	0.397	3.12	0.5	21.651	1 IN 3	0.33	0.67
DISCHARGE POINT 2	0.37	3.261	0.5	25	1 IN 3	0.36	0.72
DISCHARGE POINT 3	0.03	1.623	0.5	30	1 IN 3	0.37	0.74
DISCHARGE POINT 4	0.73	OVERTOP AT CULVERT 9					
DISCHARGE POINT 5	0.04	1.412	0.5	15	1 IN 3	0.27	0.53
DISCHARGE POINT 6	0.76	OVERTOP AT CULVERT 8					
DISCHARGE POINT 7	0.12	2.26	0.5	22	1 IN 3	0.33	0.66
DISCHARGE POINT 8	0.25	2.31	0.5	12.89	1 IN 3	0.26	0.52
DISCHARGE POINT 9	0.04	1.609	0.5	22.363	1 IN 3	0.32	0.64
DISCHARGE POINT 10	0.23	2.052	0.5	10	1 IN 3	0.23	0.46

Refer to Engineering Calculations (TR2013/018)



CLIENT:
VINEWAY LIMITED

PROJECT:
DELMORE
STAGE 2A1, 2A2, 2B1 & 2D
53A, 53B & 55 RUSSELL ROAD
OREWA

TITLE:
STORMWATER
100 YR OLFP
DISCHARGE POINT DETAIL PLAN

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
AS SHOWN
DO NOT SCALE

DRAWING NO:
3725-2AB-4606
REV:
A

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