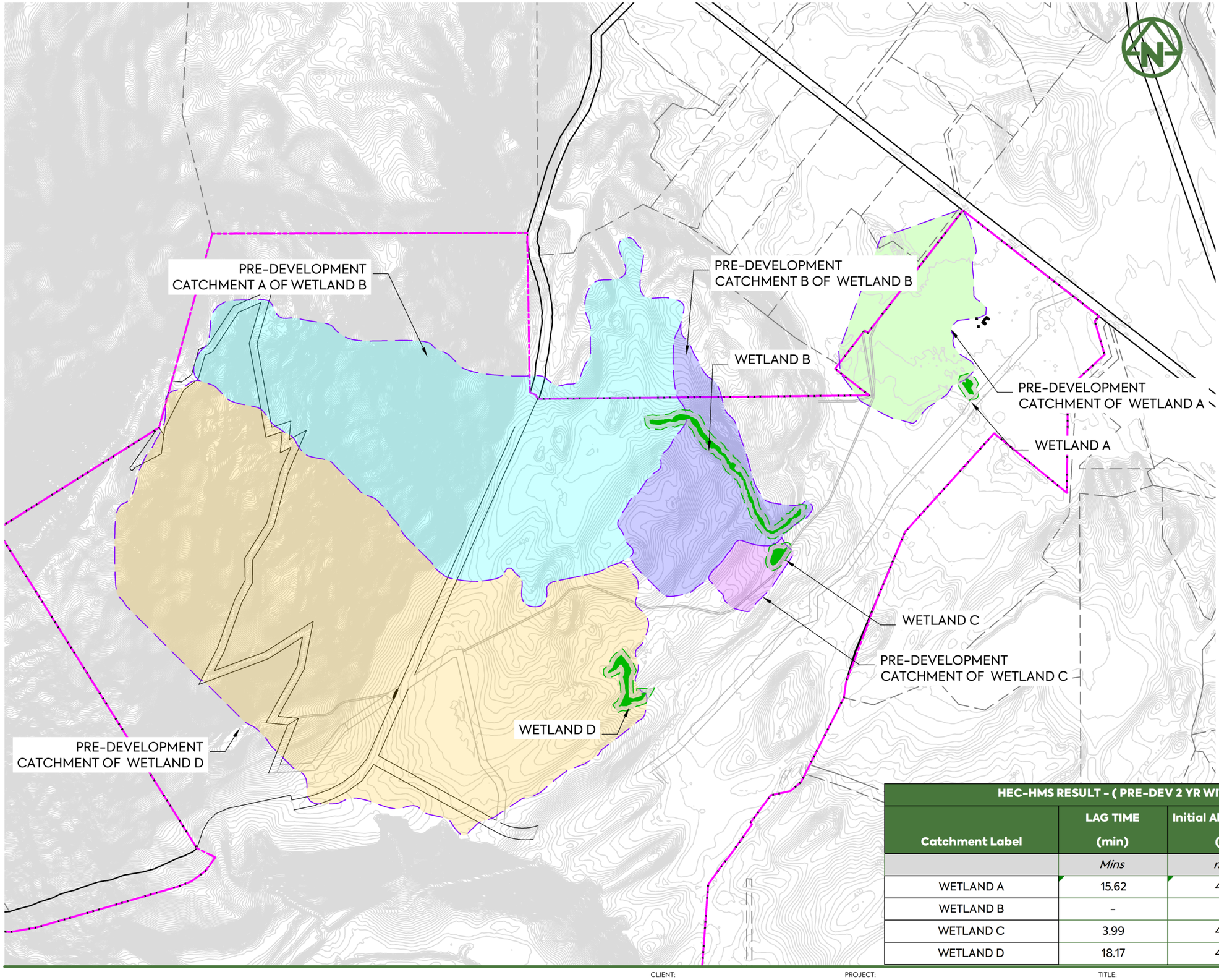


NOTES

1. DATA RECEIVED FROM VIRIDIS ON 04/11/2025. REFER TO VIRIDIS DRAWING 10339-MAP2-3 FOR DETAILS.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING INFRASTRUCTURE AND SERVICING REPORT.
3. COORDINATE REFERENCE SYSTEM IS EPSG:2128 - NZGD2000 / MOUNT NICHOLAS 2000.
4. CATCHMENTS DELINEATED IN QGIS WERE USED TO COMPUTE EXISTING WETLAND FLOWS FOR PRE- AND POST-DEVELOPMENT USING TP108 HYDROLOGY PARAMETERS MODELLED IN HEC-HMS.

LEGEND:

- SITE BOUNDARY
- PROPOSED PRE-DEVELOPMENT CATCHMENT BOUNDARY
- EXISTING CONTOUR (1.0m)
- PRE-DEVELOPMENT CATCHMENT AREAS
- EXISTING WETLAND (10m setback)

HEC-HMS RESULT - (PRE-DEV 2 YR WITH 2.1 DEGREE CLIMATE CHANGE)

Catchment Label	LAG TIME (min)	Initial Abstraction (m)	Weighted Curve Number	Catchment Flow (m3/s)
	Mins	*mm*	*CN*	
WETLAND A	15.62	4.46	74.00	0.18023
WETLAND B	-	-	-	1.00227
WETLAND C	3.99	4.46	74.00	0.04488
WETLAND D	18.17	4.46	74.00	1.02957

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
F	FOR RESOURCE CONSENT	NS	SL	JK	25/02/26
E	FIFTH ISSUE	EY	HS	JK	30/01/26
D	FOURTH ISSUE	EY	HS	JK	28/01/26
C	THIRD ISSUE	EY	HS	JK	23/01/26
B	SECOND ISSUE	EY	HS	JK	22/12/25
G	UDAED LAYERS	JDK	SL	JK	09/03/26

MCKENZIE & CO.

CLIENT: RIDGEBURN LTD

PROJECT: RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

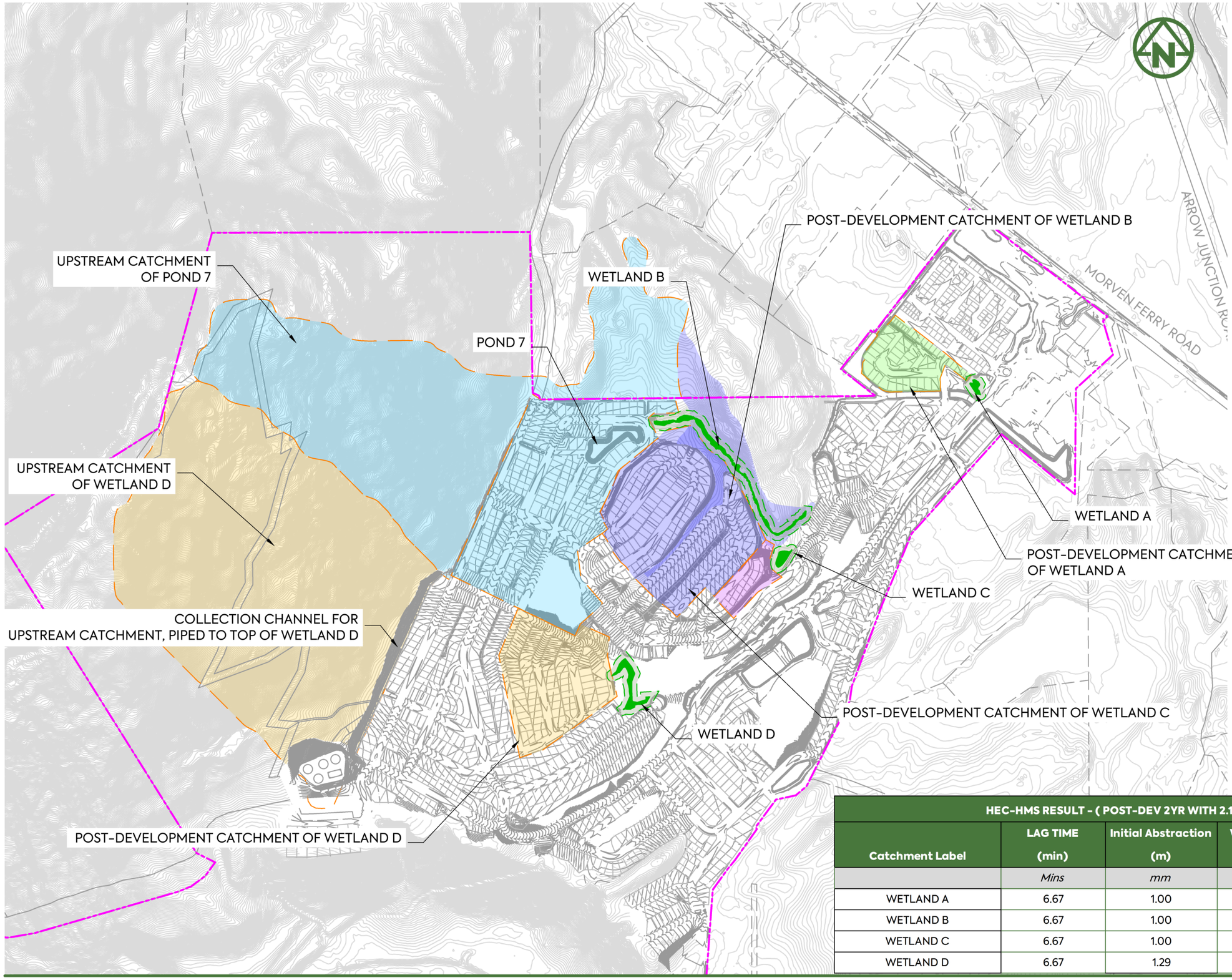
TITLE: STORMWATER
PRE-DEVELOPMENT
WETLAND CATCHMENT PLAN
OVERALL SHEET 1

PURPOSE OF ISSUE: RESOURCE CONSENT

SCALE: 1:7500
DO NOT SCALE

DRAWING NO: 4048-0-4250

REV: G



NOTES

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4. CATCHMENTS DELINEATED IN QGIS WERE USED TO COMPUTE EXISTING WETLAND FLOWS FOR PRE- AND POST-DEVELOPMENT USING TP108 HYDROLOGY PARAMETERS MODELLED IN HEC-HMS.

LEGEND:

- SITE BOUNDARY
- PROPOSED LOT BOUNDARIES
- PROPOSED POST-DEVELOPMENT CATCHMENT BOUNDARY
- EXISTING CONTOUR (1.0m)
- PROPOSED CONTOUR (1.0m) MAJOR — 22.0
- PROPOSED CONTOUR (0.1m) MINOR — 22.1
- POST-DEVELOPMENT CATCHMENT AREAS
- EXISTING WETLAND (10m setback)

HEC-HMS RESULT - (POST-DEV 2YR WITH 2.1 DEGREE CLIMATE CHANGE)

Catchment Label	LAG TIME (min)	Initial Abstraction (m)	Weighted Curve Number	Catchment Flow (m3/s)	Percentage Change (%)
	Mins	*mm*	*CN*		
WETLAND A	6.67	1.00	86.00	0.18876	5%
WETLAND B	6.67	1.00	74.00	1.10764	10%
WETLAND C	6.67	1.00	86.00	0.04511	0.5%
WETLAND D	6.67	1.29	86.00	1.03325	0%

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
F	FOR RESOURCE CONSENT	NS	SL	JK	25/02/26
E	FIFTH ISSUE	EY	HS	JK	30/01/26
D	FOURTH ISSUE	EY	HS	JK	28/01/26
C	THIRD ISSUE	EY	HS	JK	23/01/26
B	SECOND ISSUE	EY	HS	JK	22/12/25
G	UPDATED LAYERS	JK	SL	JK	09/03/26

MCKENZIE & CO.

CLIENT: RIDGEBURN LTD

PROJECT: RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

TITLE: STORMWATER
POST-DEVELOPMENT
WETLAND CATCHMENT PLAN
OVERALL SHEET 1

PURPOSE OF ISSUE: RESOURCE CONSENT

SCALE: 1:7500
DO NOT SCALE

DRAWING NO: 4048-0-4251

REV: G