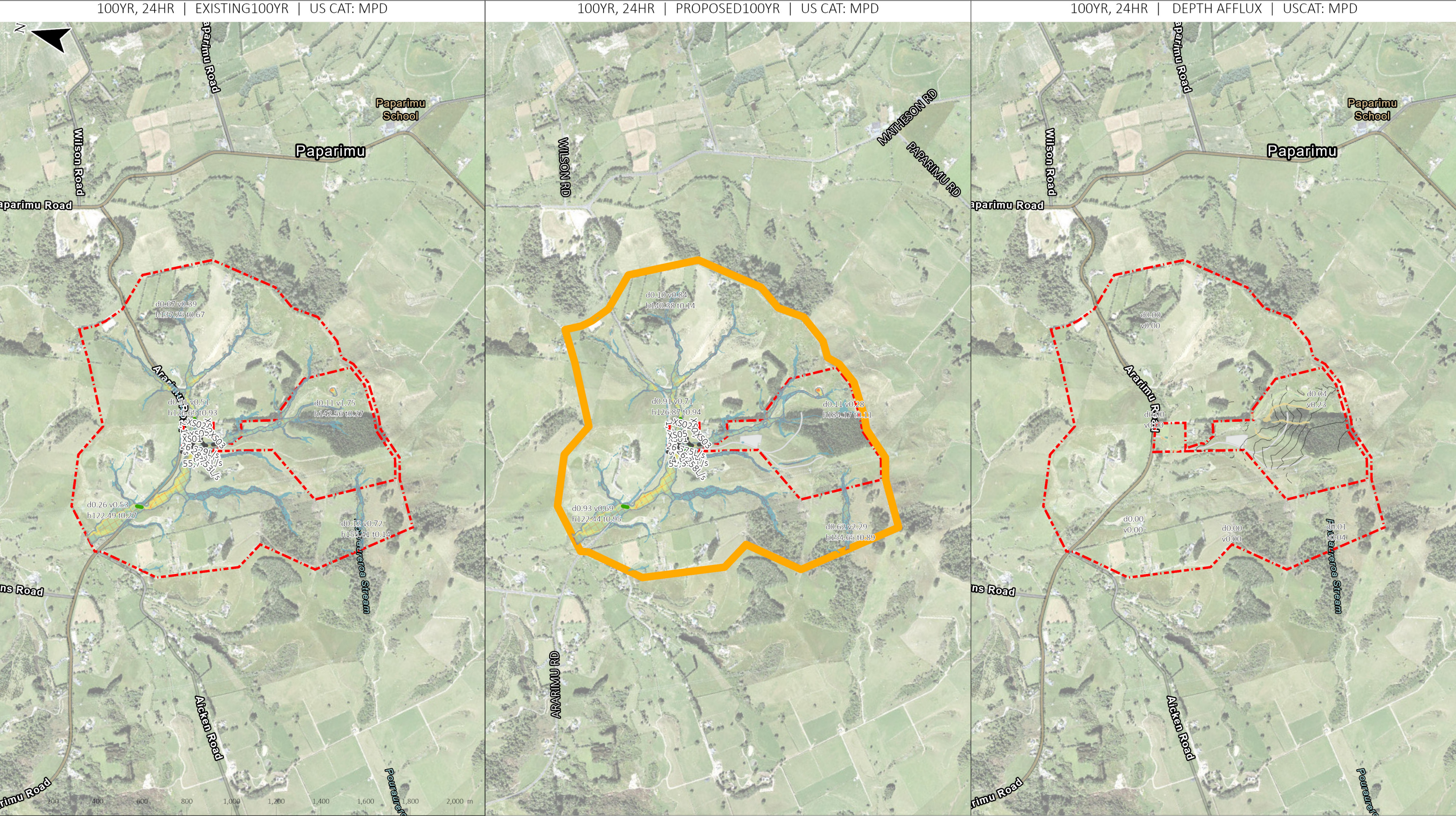




GENERAL NOTES:

- MODELLING CARRIED OUT IN TUFLOW
- FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN -0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

02_Pr100yr LINKS

02_Pr100yr SECTIONS

02_Pr100yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

4.00-4.50m

02_Pr100yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

02_Pr100yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

02_Pr100yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

MAX DEPTH CHANGE (m)

-1.607 - -1.5

-1.499 - -1

-0.999 - -0.5

-0.499 - -0.1

02_Pr100yr AFFLUX LABELS

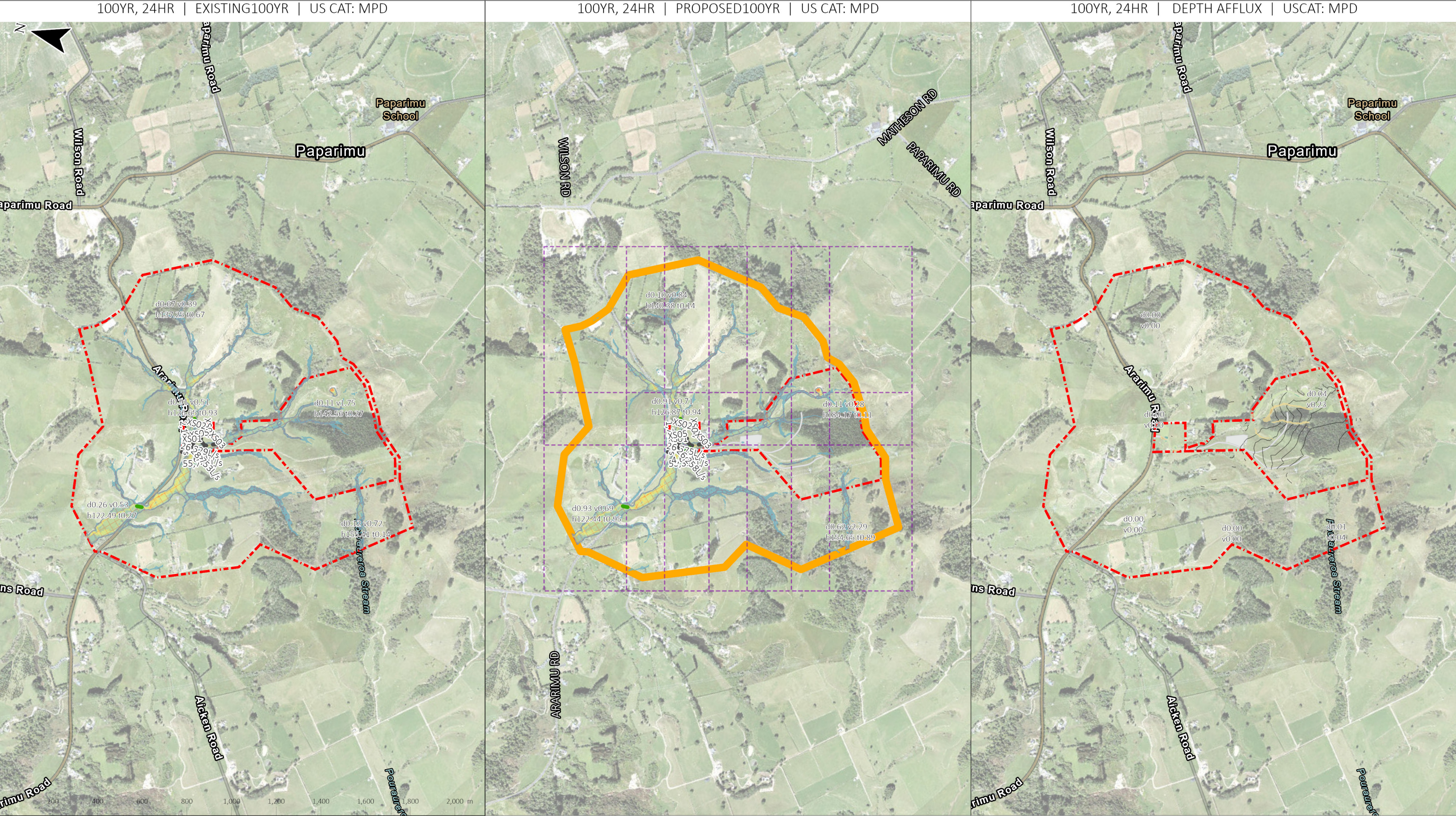
-0.099 - 0.1

0.101 - 0.5

0.501 - 1

1.001 - 1.5

1.501 - 2



GENERAL NOTES:

- MODELLING CARRIED OUT IN TUFLOW
- FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN -0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

02_Pr100yr LINKS

02_Pr100yr SECTIONS

02_Pr100yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

4.00-4.50m

02_Pr100yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

02_Pr100yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

02_Pr100yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

MAX DEPTH CHANGE (m)

-1.607 - -1.5

-1.499 - -1

-0.999 - -0.5

-0.499 - -0.1

02_Pr100yr AFFLUX LABELS

-0.099 - 0.1

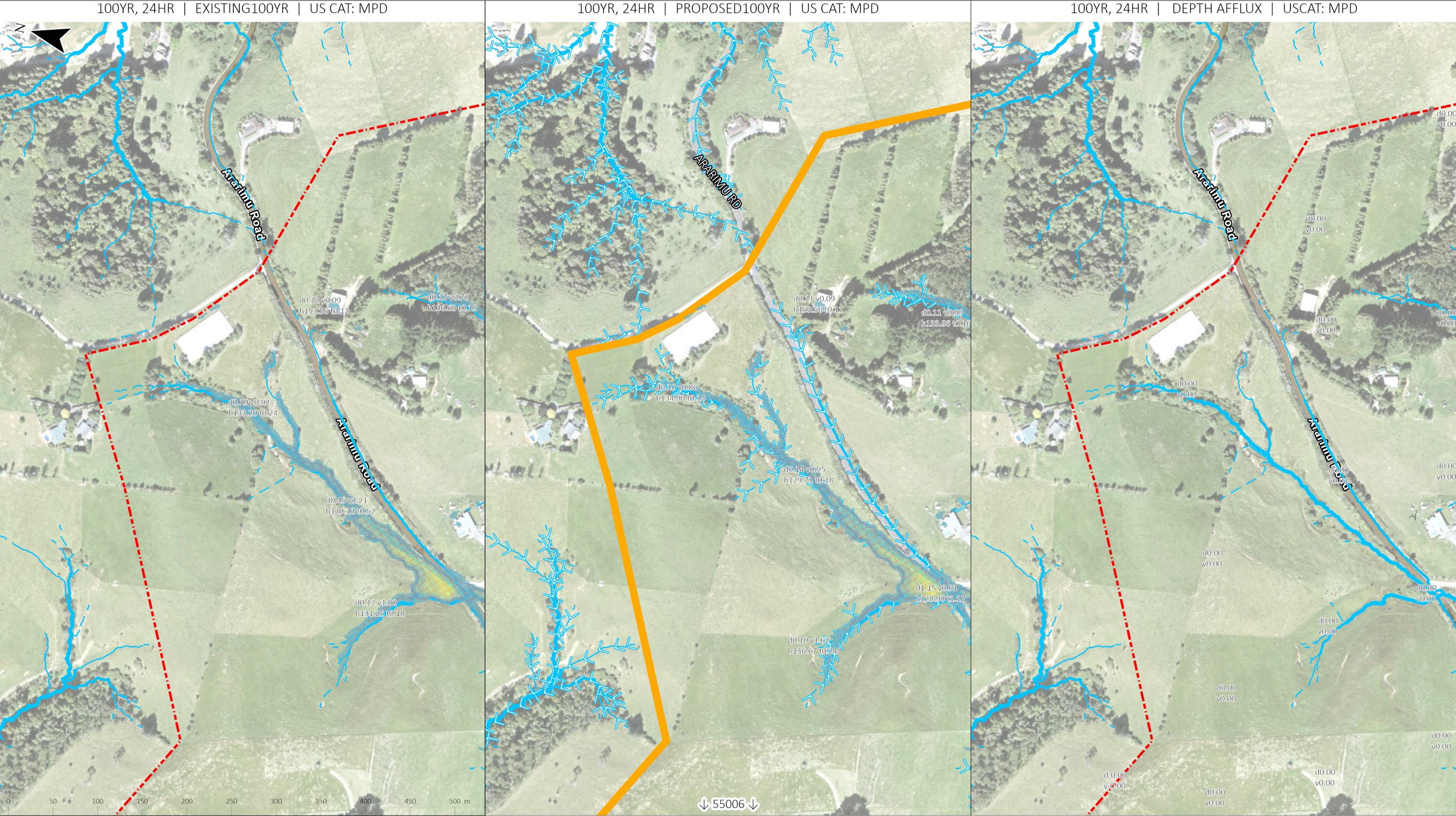
0.101 - 0.5

0.501 - 1

1.001 - 1.5

1.501 - 2

SCAN FOR 3D:  allsite.ai	REV: B	DATE: 03/09/24	DESCRIPTION: FOR S92 RESPONSE	DRAWN: DF	REV: MO	FILE: MO	PROJECT: 1618 ARARIMU ROAD, PAKAKURA	TITLE: FLOODING MODEL RESULTS SCENARIO A1	STATUS: FOR RESOURCE CONSENT			
	A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO			DRAWING NO: 55001			
									SCALE: 1:16,000			
	CIVIX								SHEET: A3			
									REVISION: B			
									DATE: 03/09/24			



GENERAL NOTES:

- MODELLING CARRIED OUT IN TUFLOW
- FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

AUCKLAND COUNCIL, MAXAR, ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, METI/NASA, USGS

LEGEND:

02_Pr100yr LINKS

02_Pr100yr SECTIONS

02_Pr100yr DEPTH

MAX DEPTH (m)

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

4.00-4.50m

02_Pr100yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

02_Pr100yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

02_Pr100yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

MAX DEPTH CHANGE (m)

-1.607 - -1.5

-1.499 - -1

-0.999 - -0.5

-0.499 - -0.1

02_Pr100yr AFFLUX LABELS

-0.099 - 0.1

0.101 - 0.5

0.501 - 1

1.001 - 1.5

1.501 - 2

SCAN FOR 3D:				PROJECT:				TITLE:				STATUS:			
B 03/09/24 FOR S92 RESPONSE				1618 ARARIMU ROAD, PAKAKURA				FLOODING MODEL RESULTS SCENARIO A1				FOR RESOURCE CONSENT			
A 16/10/23 FOR RESOURCE CONSENT												DRAWING NO: 55002			
												SCALE: 1:4,000			
												SHEET: A3		REVISION: B	
												DATE: 03/09/24			



allsite.ai



GENERAL NOTES:

- 1. MODELLING CARRIED OUT IN TUFLOW
- 2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- 3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, METI/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

02_Pr100yr LINKS

02_Pr100yr SECTIONS

02_Pr100yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

4.00-4.50m

02_Pr100yr SAFETY HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

02_Pr100yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

02_Pr100yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

MAX DEPTH CHANGE (m)

-1.607 - -1.5

-1.499 - -1

-0.999 - -0.5

-0.499 - -0.1

-0.099 - 0.1

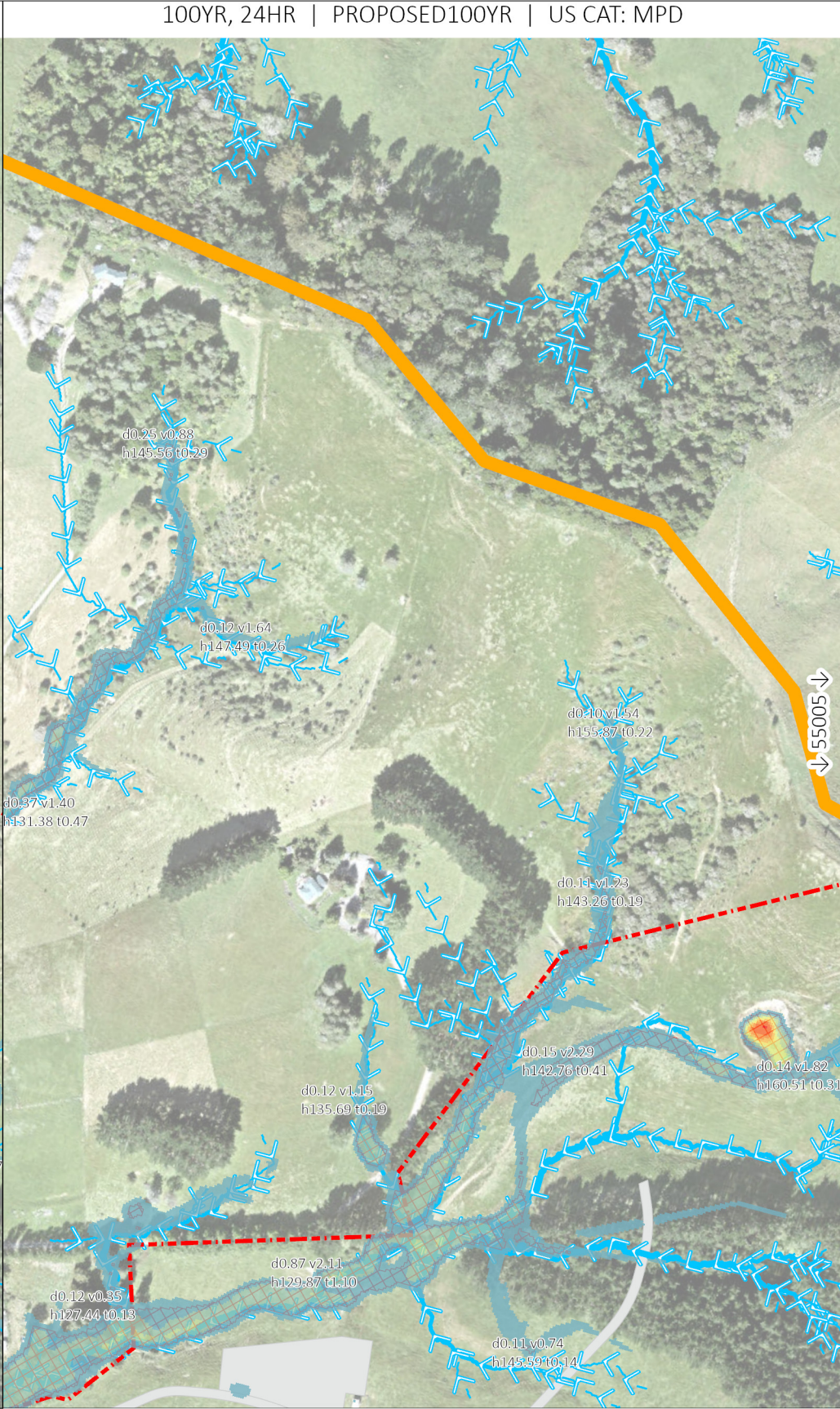
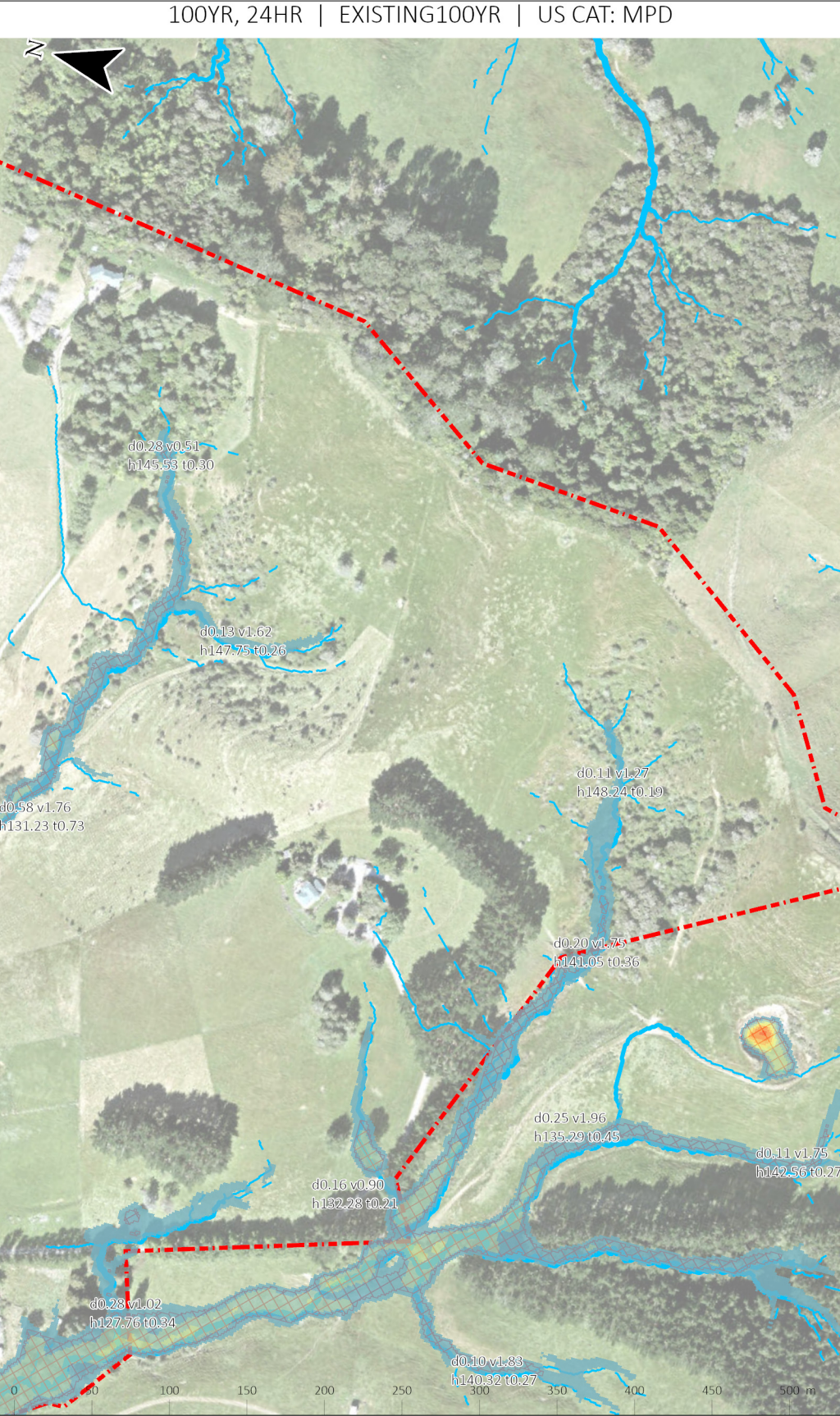
0.101 - 0.5

0.501 - 1

1.001 - 1.5

1.501 - 2

02_Pr100yr AFFLUX LABELS



GENERAL NOTES:

- MODELLING CARRIED OUT IN TUFLOW
- FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

02_Pr100yr LINKS

02_Pr100yr SECTIONS

02_Pr100yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

4.00-4.50m

02_Pr100yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

02_Pr100yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

02_Pr100yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

MAX DEPTH CHANGE (m)

-1.607 - -1.5

-1.499 - -1

-0.999 - -0.5

-0.499 - -0.1

-0.099 - 0.1

0.101 - 0.5

0.501 - 1

1.001 - 1.5

1.501 - 2

02_Pr100yr AFFLUX LABELS

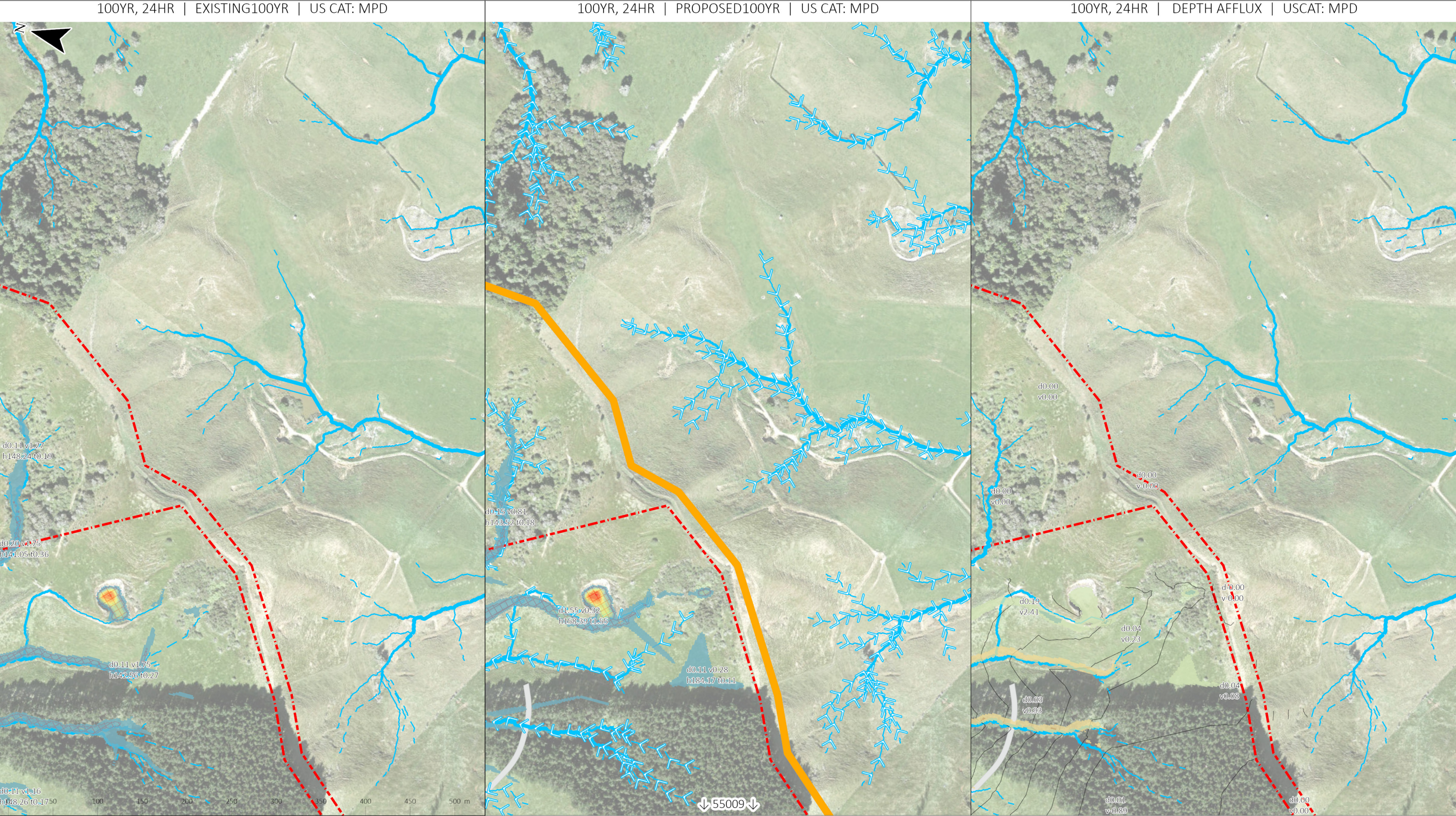
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	B	03/09/24	FOR S92 RESPONSE	DF	MO	MO
	A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO
allsite.ai						



1618 ARARIMU ROAD,
PAPAKURA

FLOODING MODEL RESULTS
SCENARIO A1

FOR RESOURCE CONSENT			
DRAWING NO: 55004			
SCALE:	SHEET:	REVISION:	DATE:
1:4,000	A3	B	03/09/24



GENERAL NOTES:
1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN -0.05M TO 0.05M.

IMAGERY CREDITS:
ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

02_Pr100yr LINKS

02_Pr100yr SECTIONS

02_Pr100yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

4.00-4.50m

02_Pr100yr SAFETY HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

02_Pr100yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

02_Pr100yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

MAX DEPTH CHANGE (m)

-1.607 - -1.5

-1.499 - -1

-0.999 - -0.5

-0.499 - -0.1

-0.099 - 0.1

0.101 - 0.5

0.501 - 1

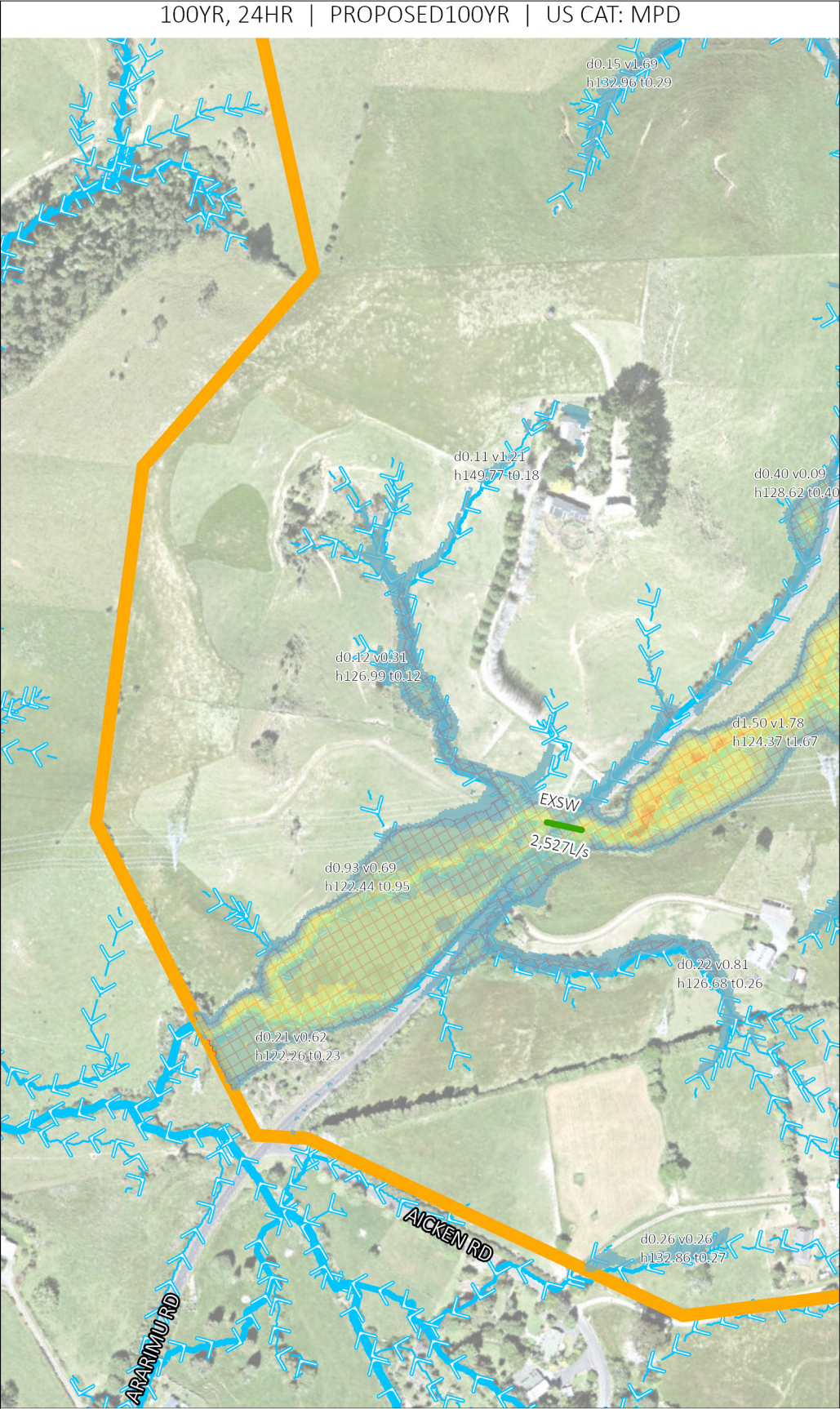
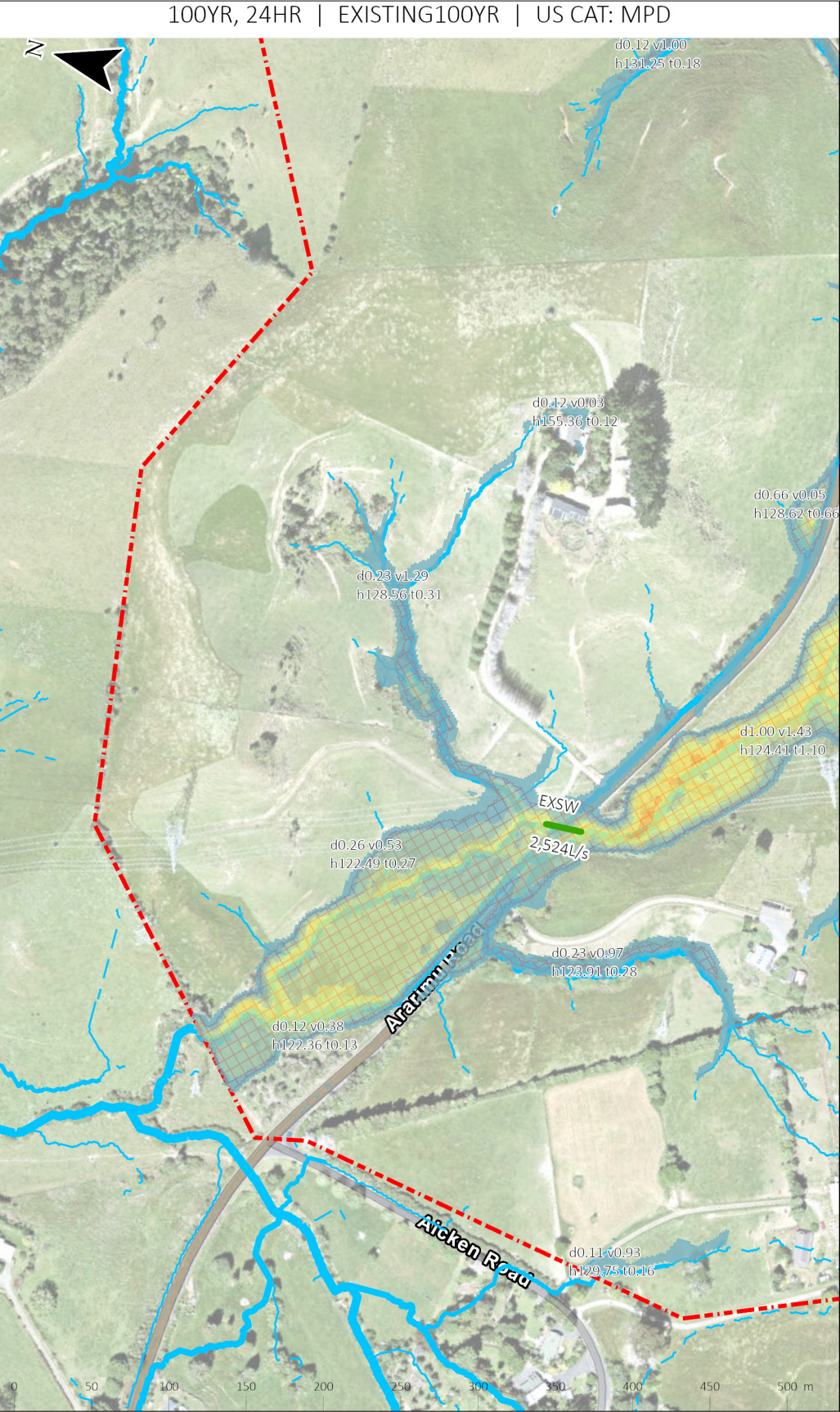
1.001 - 1.5

1.501 - 2

02_Pr100yr AFFLUX LABELS

SCAN FOR 3D:				PROJECT:				TITLE:				STATUS:			
B				1618 ARARIMU ROAD, PAPAKURA				FLOODING MODEL RESULTS SCENARIO A1				FOR RESOURCE CONSENT			
A												DRAWING NO: 55005			
												SCALE: 1:4,000			
												SHEET: A3			
												REVISION: B			
												DATE: 03/09/24			





GENERAL NOTES:

- MODELLING CARRIED OUT IN TUFLOW
- FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN -0.05M TO 0.05M.

IMAGERY CREDITS:

AUCKLAND COUNCIL, MAXAR, ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, METI/NASA, USGS

LEGEND:

02_Pr100yr LINKS

02_Pr100yr SECTIONS

02_Pr100yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

4.00-4.50m

02_Pr100yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

02_Pr100yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

02_Pr100yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

MAX DEPTH CHANGE (m)

-1.607 - -1.5

-1.499 - -1

-0.999 - -0.5

-0.499 - -0.1

-0.099 - 0.1

0.101 - 0.5

0.501 - 1

1.001 - 1.5

1.501 - 2

02_Pr100yr AFFLUX LABELS

SCAN FOR 3D:  allsite.ai	REV: B	DATE: 03/09/24	DESCRIPTION: FOR S92 RESPONSE	DRAWN: DF	DATE: MO	MO	PROJECT: 1618 ARARIMU ROAD, PAPAKURA	TITLE: FLOODING MODEL RESULTS SCENARIO A1	STATUS: FOR RESOURCE CONSENT			
	A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO			DRAWING NO: 55006			
									SCALE: 1:4,000			
	CIVIX								SHEET: A3			
									REVISION: B			
									DATE: 03/09/24			



GENERAL NOTES:

1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN -0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

02_Pr100yr LINKS

02_Pr100yr SECTIONS

02_Pr100yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

4.00-4.50m

02_Pr100yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

02_Pr100yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

02_Pr100yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

MAX DEPTH CHANGE (m)

-1.607 - -1.5

-1.499 - -1

-0.999 - -0.5

-0.499 - -0.1

02_Pr100yr AFFLUX LABELS

-0.099 - 0.1

0.101 - 0.5

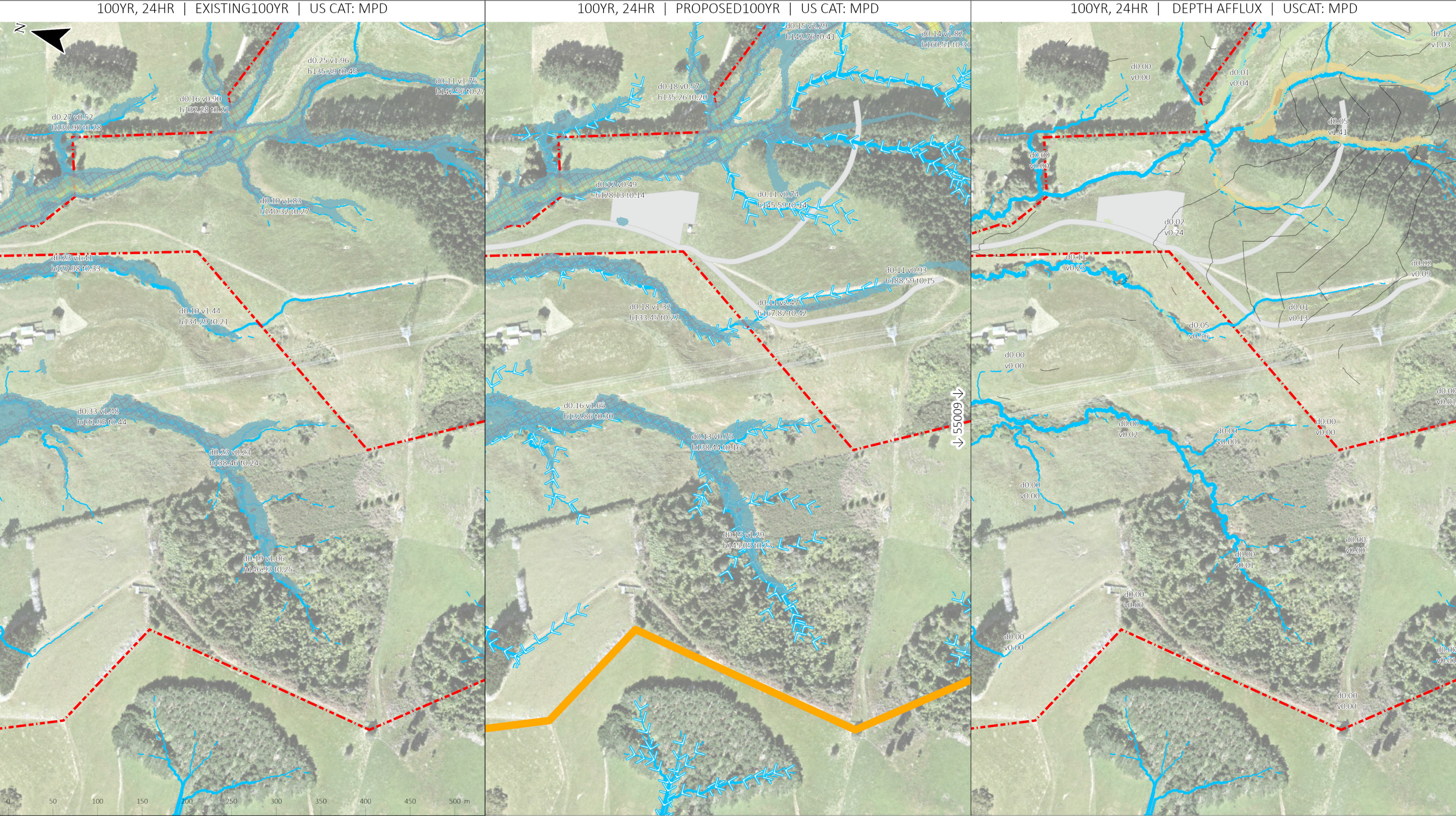
0.501 - 1

1.001 - 1.5

1.501 - 2

SCAN FOR 3D:			PROJECT:			TITLE:			STATUS:		
B 03/09/24 FOR S92 RESPONSE			1618 ARARIMU ROAD, PAKAKURA			FLOODING MODEL RESULTS SCENARIO A1			FOR RESOURCE CONSENT		
A 16/10/23 FOR RESOURCE CONSENT									DRAWING NO: 55007		
									SCALE: 1:4,000		
									SIZE: A3		
									REVISION: B		
									DATE: 03/09/24		





GENERAL NOTES:

- 1. MODELLING CARRIED OUT IN TUFLOW
- 2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- 3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI, COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

02_Pr100yr LINKS

02_Pr100yr SECTIONS

02_Pr100yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

4.00-4.50m

02_Pr100yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

02_Pr100yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

02_Pr100yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

MAX DEPTH CHANGE (m)

-1.607 - -1.5

-1.499 - -1

-0.999 - -0.5

-0.499 - -0.1

-0.099 - 0.1

0.101 - 0.5

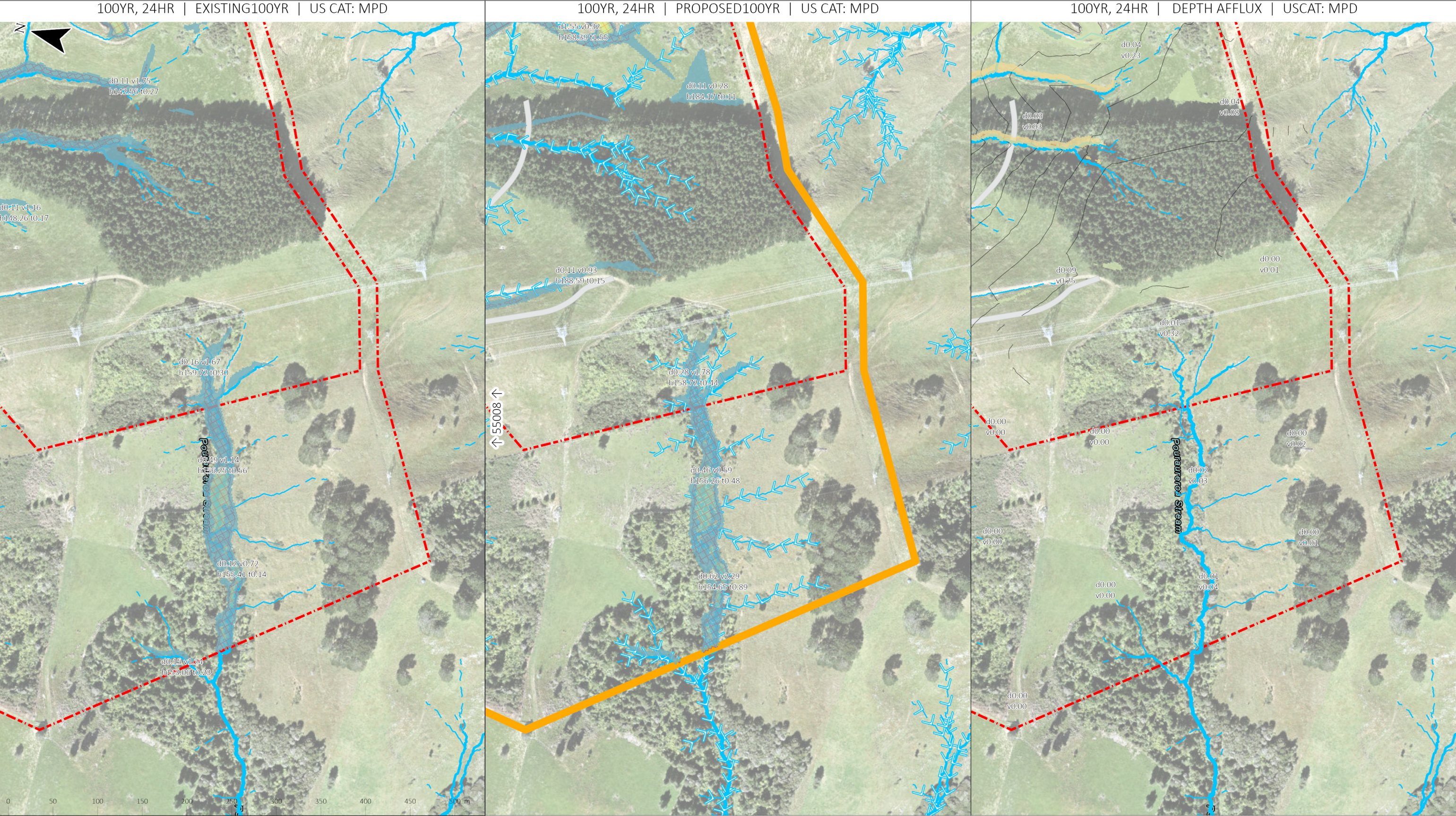
0.501 - 1

1.001 - 1.5

1.501 - 2

02_Pr100yr AFFLUX LABELS

SCAN FOR 3D:				CIVIX				1618 ARARIMU ROAD, PAKAKURA				FLOODING MODEL RESULTS SCENARIO A1				FOR RESOURCE CONSENT			
B 03/09/24 FOR S92 RESPONSE																55008			
A 16/10/23 FOR RESOURCE CONSENT																1:4,000			
																A3			
																B			
																03/09/24			



GENERAL NOTES:

- MODELLING CARRIED OUT IN TUFLOW
- FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN -0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

O2_Pr100yr LINKS

- 0.50-1.00m
- 1.00-1.50m
- 1.50-2.00m
- 2.00-2.50m
- 2.50-3.00m
- 3.00-3.50m

O2_Pr100yr SECTIONS

O2_Pr100yr DEPTH

MAX DEPTH (m)

- 0.00-0.05m
- 0.05-0.50m

O2_Pr100yr SAFETY HAZARDS

- PEDESTRIAN
- VEHICLE+PEDESTRIAN

O2_Pr100yr REVIEW

REV_TYPE

- LOW
- MEDIUM
- HIGH

O2_Pr100yr LABELS

MODEL WALLS

MODEL IN & OUT

- Auto_QvsH
- TP108_QvsT
- Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

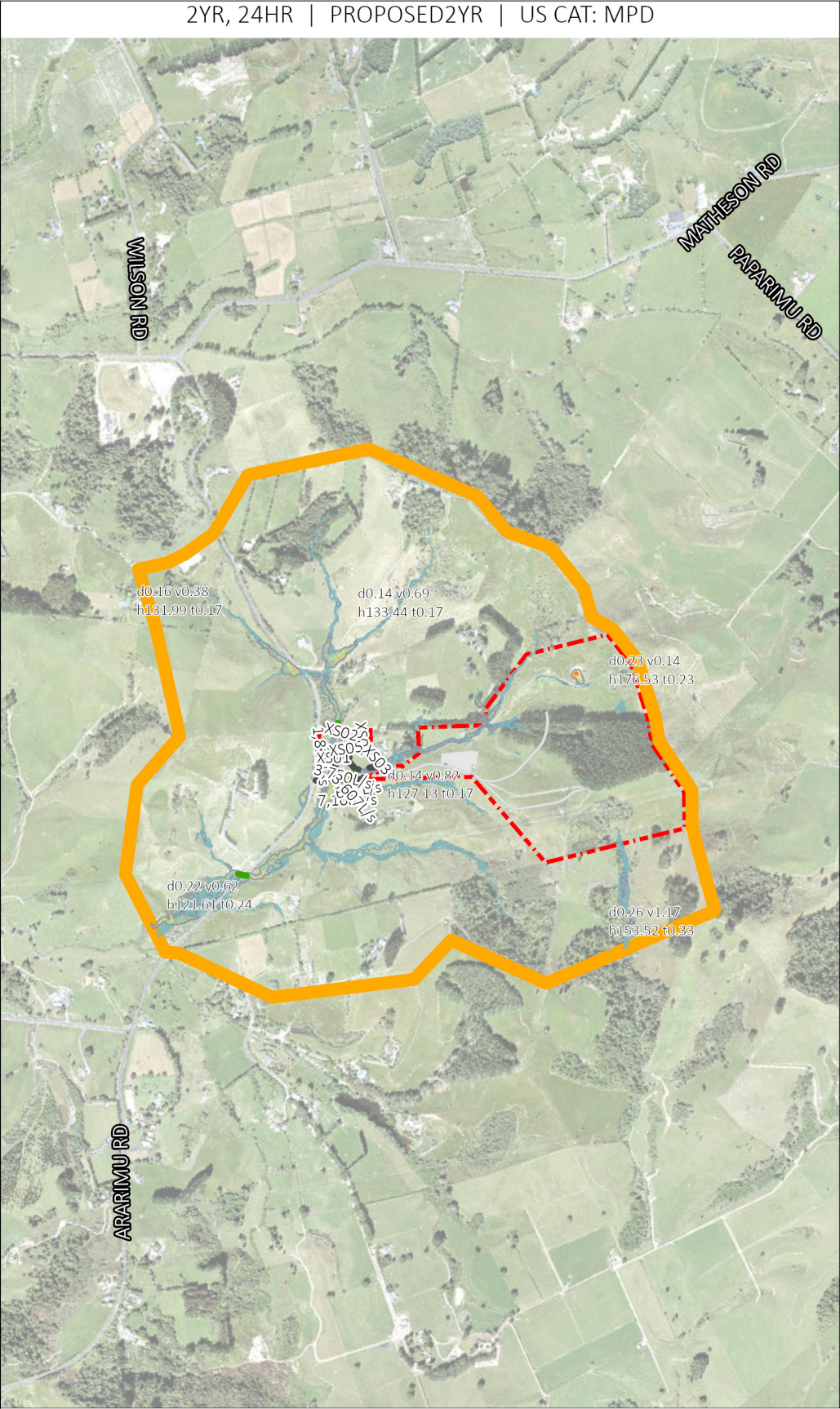
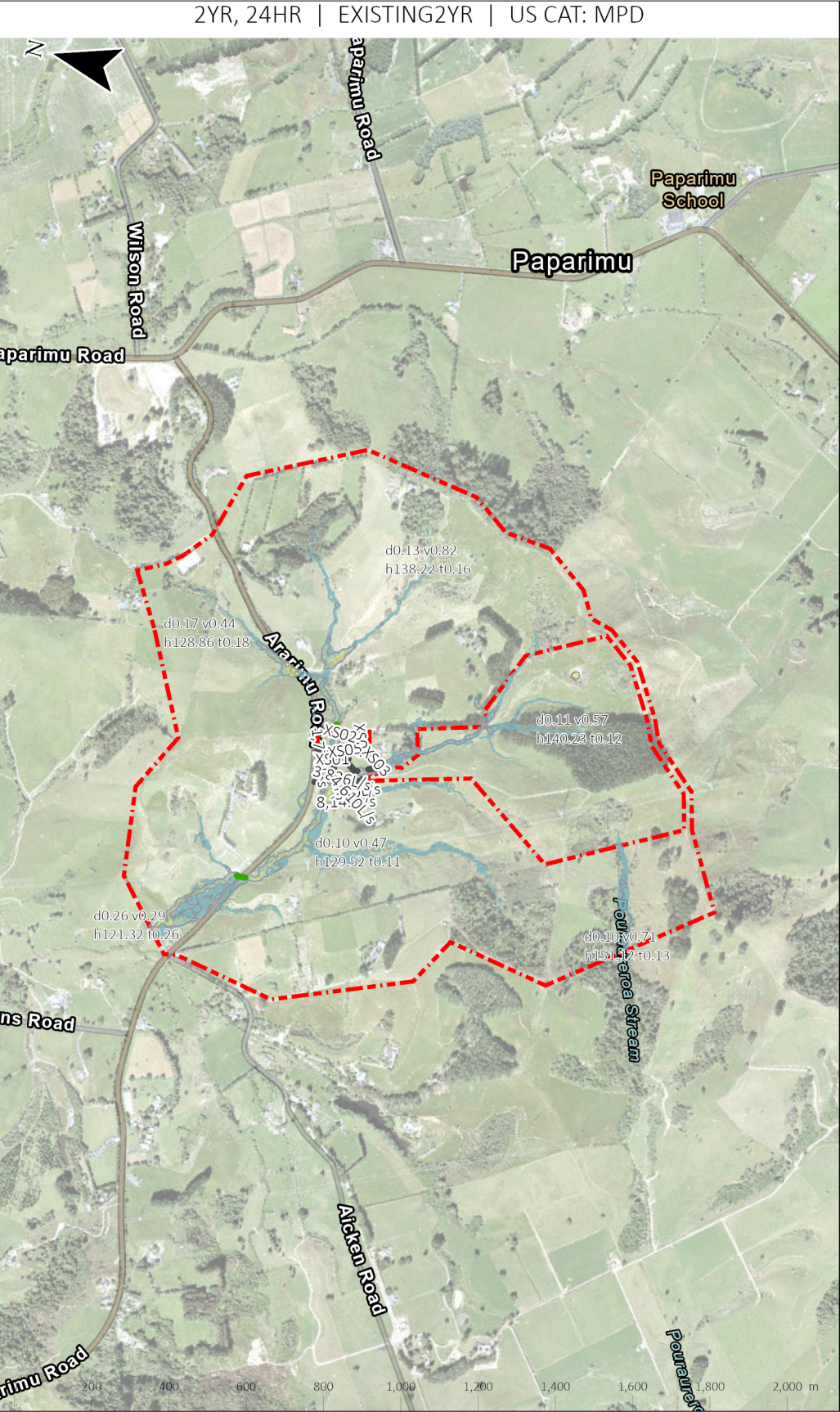
MAX DEPTH CHANGE (m)

- 1.607 - -1.5
- 1.499 - -1
- 0.999 - -0.5
- 0.499 - -0.1

O2_Pr100yr AFFLUX LABELS

- 0.099 - 0.1
- 0.101 - 0.5
- 0.501 - 1
- 1.001 - 1.5
- 1.501 - 2

SCAN FOR 3D:  allsite.ai	REV: B	DATE: 03/09/24	DESCRIPTION: FOR S92 RESPONSE	DES: DF	REV: MO	FILE: MO	LOGO:	PROJECT: 1618 ARARIMU ROAD, PAPAKURA	TITLE: FLOODING MODEL RESULTS SCENARIO A1	STATUS: FOR RESOURCE CONSENT			
	A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO				DRAWING NO: 55009			
										SCALE: 1:4,000			
										SHEET: A3			
								REVISION: B				DATE: 03/09/24	



GENERAL NOTES:

- MODELLING CARRIED OUT IN TUFLOW
- FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAS, MAXAR

LEGEND:

06_Pr2yr LINKS

06_Pr2yr SECTIONS

06_Pr2yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

06_Pr2yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

06_Pr2yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

06_Pr2yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

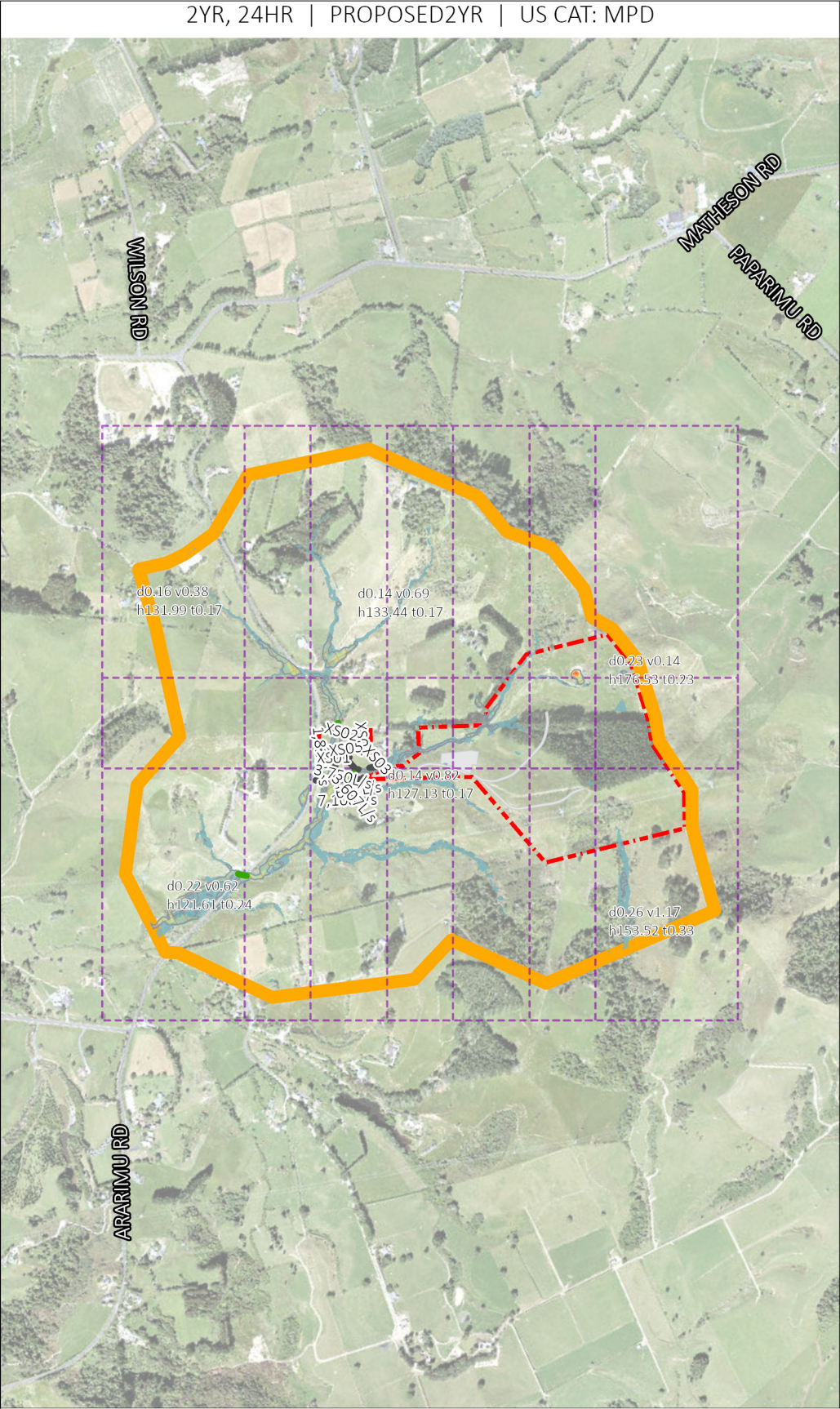
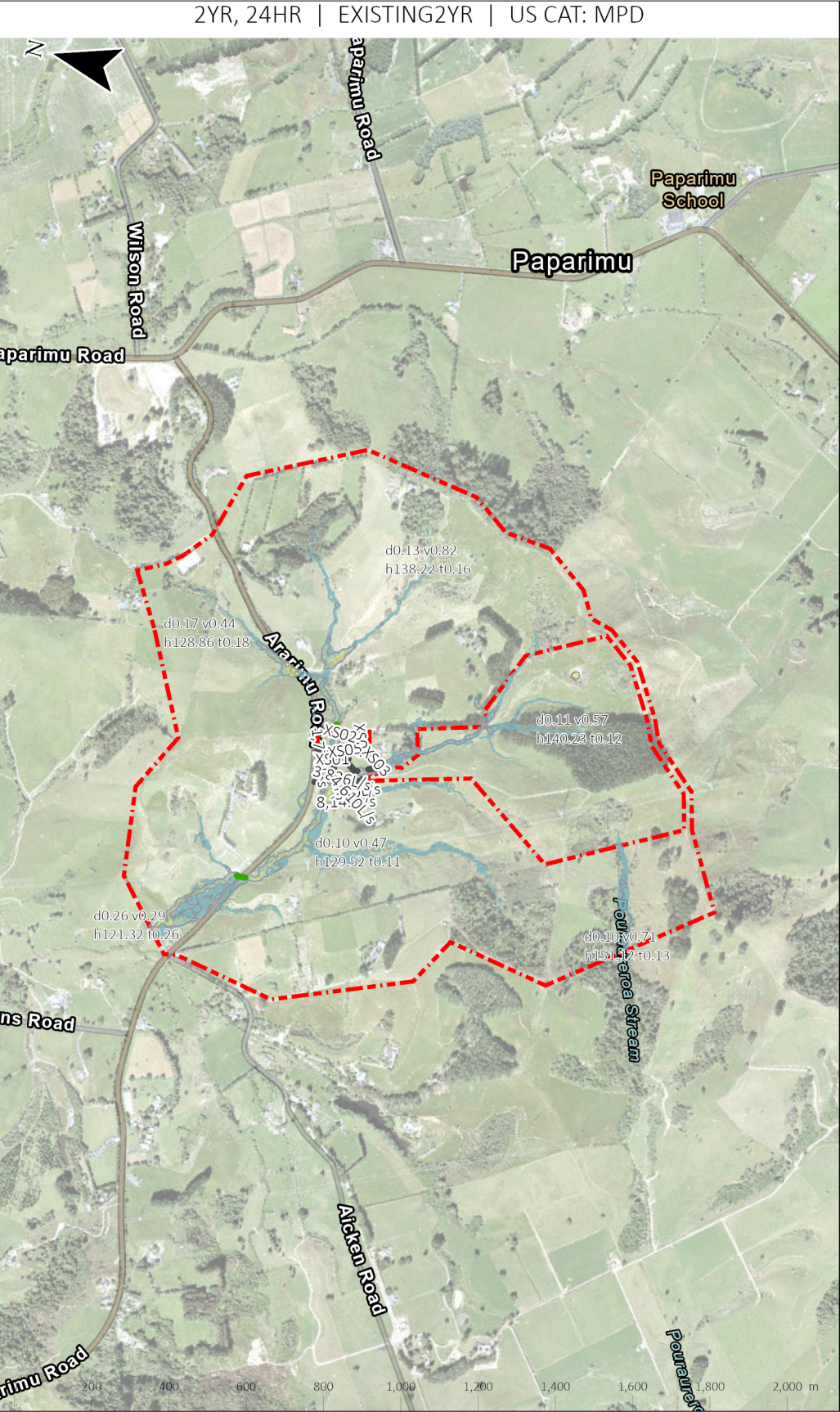
PR. BUILD.

EX. PARCELS

PR. PAVEMENT

06_Pr2yr AFFLUX LABELS

SCAN FOR 3D:			CIVIX			1618 ARARIMU ROAD, PAPA KURA			FLOODING MODEL RESULTS SCENARIO A3			FOR RESOURCE CONSENT		
A												55020		
16/10/23												1:16,000		
												A3		
												B		
												03/09/24		



GENERAL NOTES:

- 1. MODELLING CARRIED OUT IN TUFLOW
- 2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- 3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAS, MAXAR

LEGEND:

06_Pr2yr LINKS

06_Pr2yr SECTIONS

06_Pr2yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

06_Pr2yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

06_Pr2yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

06_Pr2yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

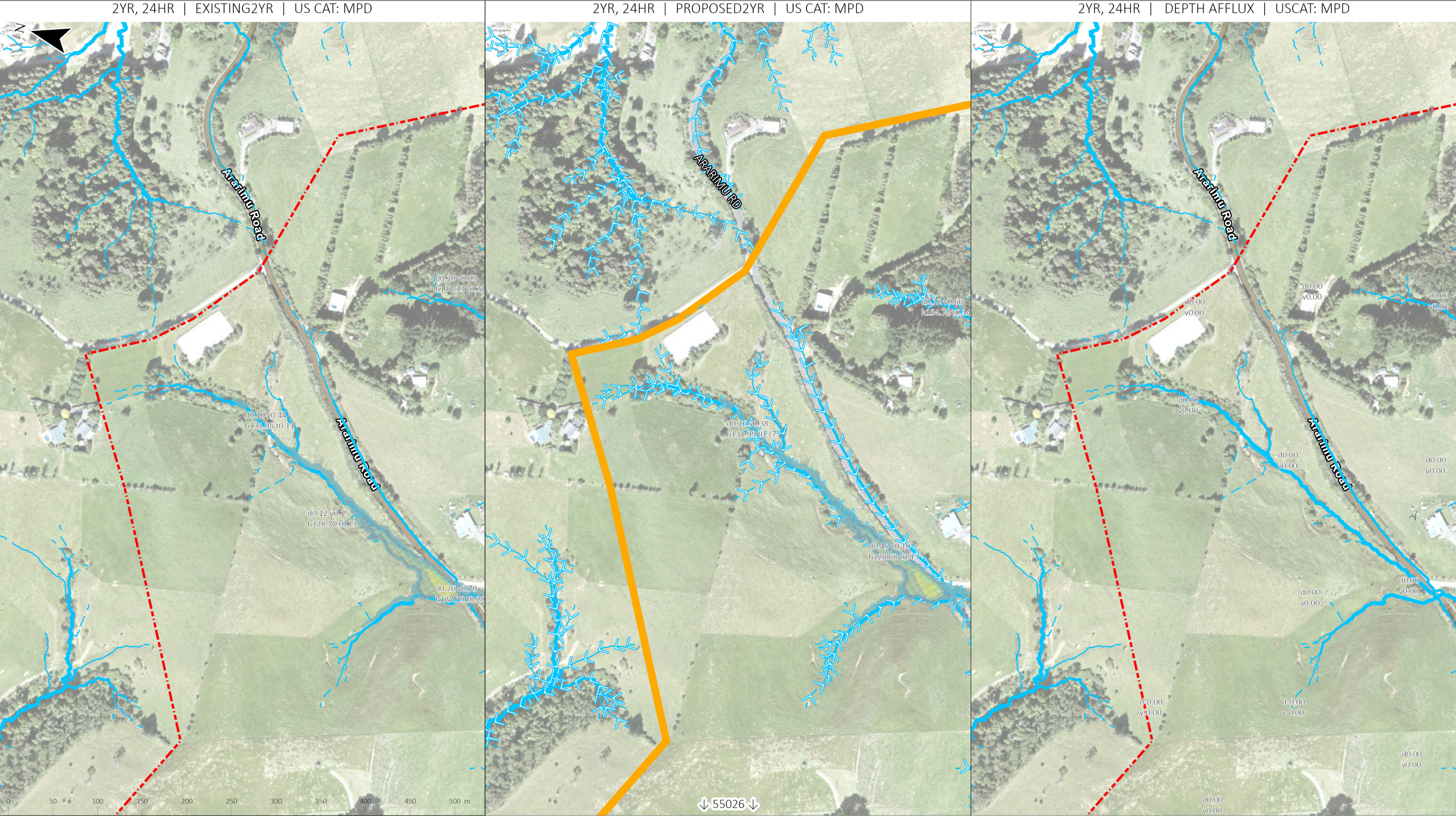
PR. BUILD.

EX. PARCELS

PR. PAVEMENT

SCAN FOR 3D:			PROJECT:			TITLE:			STATUS:		
B 03/09/24 FOR S92 RESPONSE			1618 ARARIMU ROAD, PAKURA			FLOODING MODEL RESULTS SCENARIO A3			FOR RESOURCE CONSENT		
A 16/10/23 FOR RESOURCE CONSENT									DRAWING NO: 55021		
									SCALE: 1:16,000		
									SHEET: A3		
									REVISION: B		
									DATE: 03/09/24		





GENERAL NOTES:
1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:
AUCKLAND COUNCIL, MAXAR, ESRI COMMUNITY MAPS CONTRIBUTORS,
LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, METI/NASA, USGS

LEGEND:

06_Pr2yr LINKS

06_Pr2yr SECTIONS

06_Pr2yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

06_Pr2yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

06_Pr2yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

06_Pr2yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

06_Pr2yr AFFLUX LABELS

SCAN FOR 3D:				CIVIX				1618 ARARIMU ROAD, PAKAKURA				FLOODING MODEL RESULTS SCENARIO A3				FOR RESOURCE CONSENT			
A																55022			
																1:4,000			
																A3			
																B			
																03/09/24			



GENERAL NOTES:
1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:
ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, METU/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

06_Pr2yr LINKS

06_Pr2yr SECTIONS

06_Pr2yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

06_Pr2yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

06_Pr2yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

06_Pr2yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

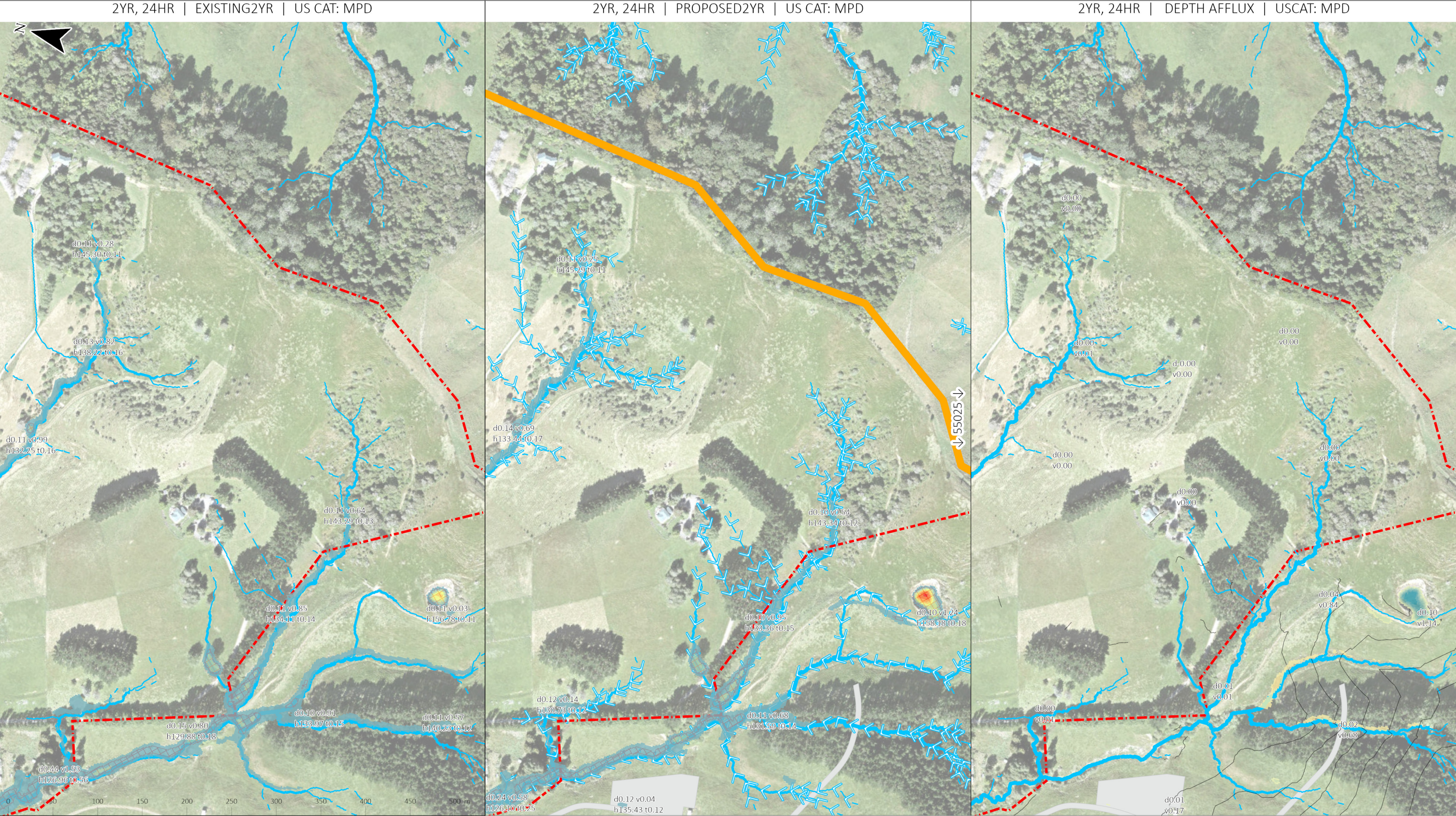
MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

06_Pr2yr AFFLUX LABELS



GENERAL NOTES:
1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:
ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

06_Pr2yr LINKS

06_Pr2yr SECTIONS

06_Pr2yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

06_Pr2yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

06_Pr2yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

06_Pr2yr LABELS

MODEL EXTENT

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

PR. BUILD.

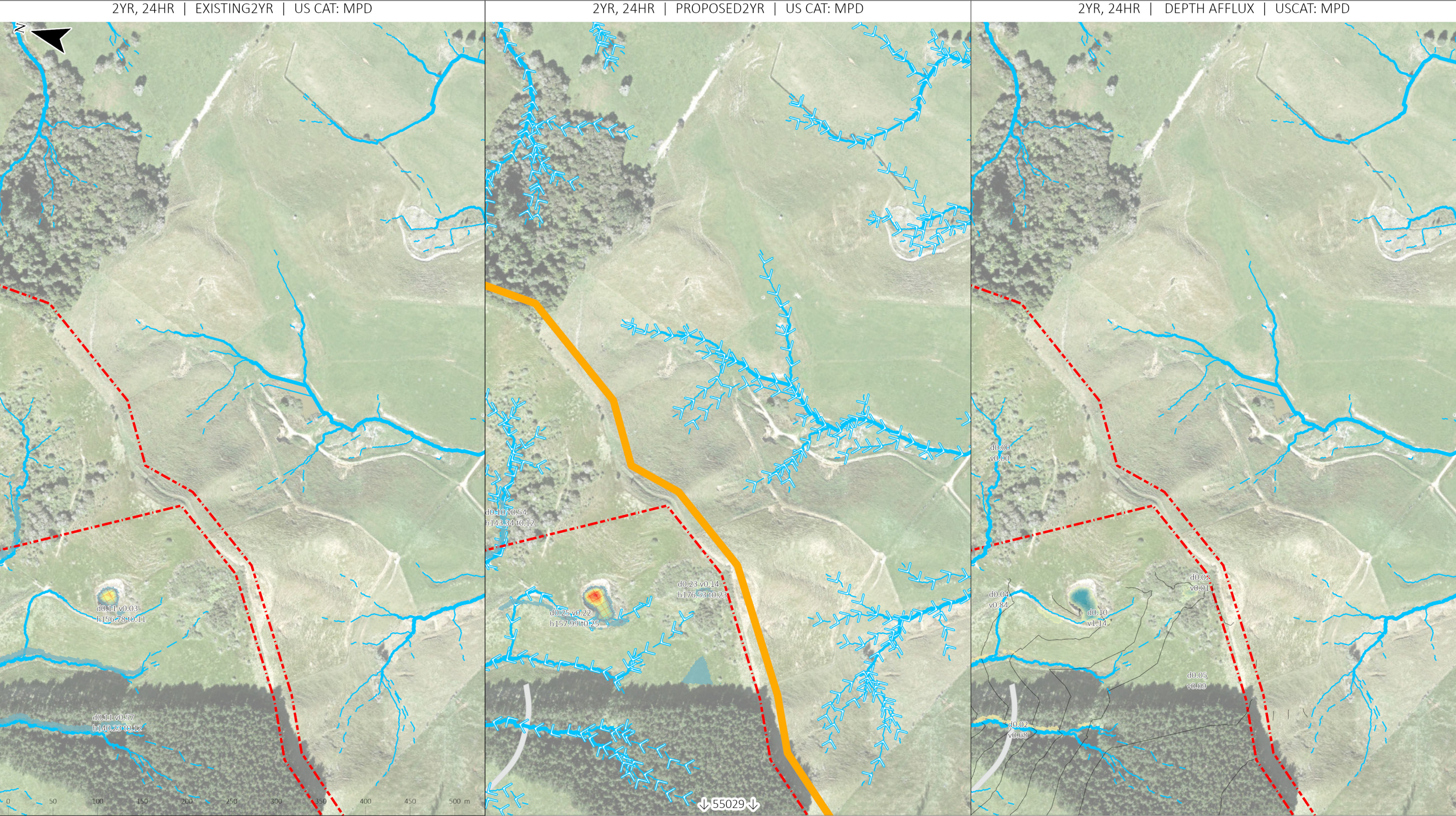
EX. PARCELS

PR. PAVEMENT

06_Pr2yr AFFLUX LABELS

SCAN FOR 3D:				PROJECT:				TITLE:				STATUS:			
B 03/09/24 FOR S92 RESPONSE				1618 ARARIMU ROAD, PAKAKURA				FLOODING MODEL RESULTS SCENARIO A3				FOR RESOURCE CONSENT			
A 16/10/23 FOR RESOURCE CONSENT												DRAWING NO: 55024			
												SCALE: 1:4,000			
												SHEET: A3			
												REVISION: B			
												DATE: 03/09/24			





GENERAL NOTES:

1. MODELLING CARRIED OUT IN TUFLOW

2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M

3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

06_Pr2yr LINKS

06_Pr2yr SECTIONS

06_Pr2yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

06_Pr2yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

06_Pr2yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

06_Pr2yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

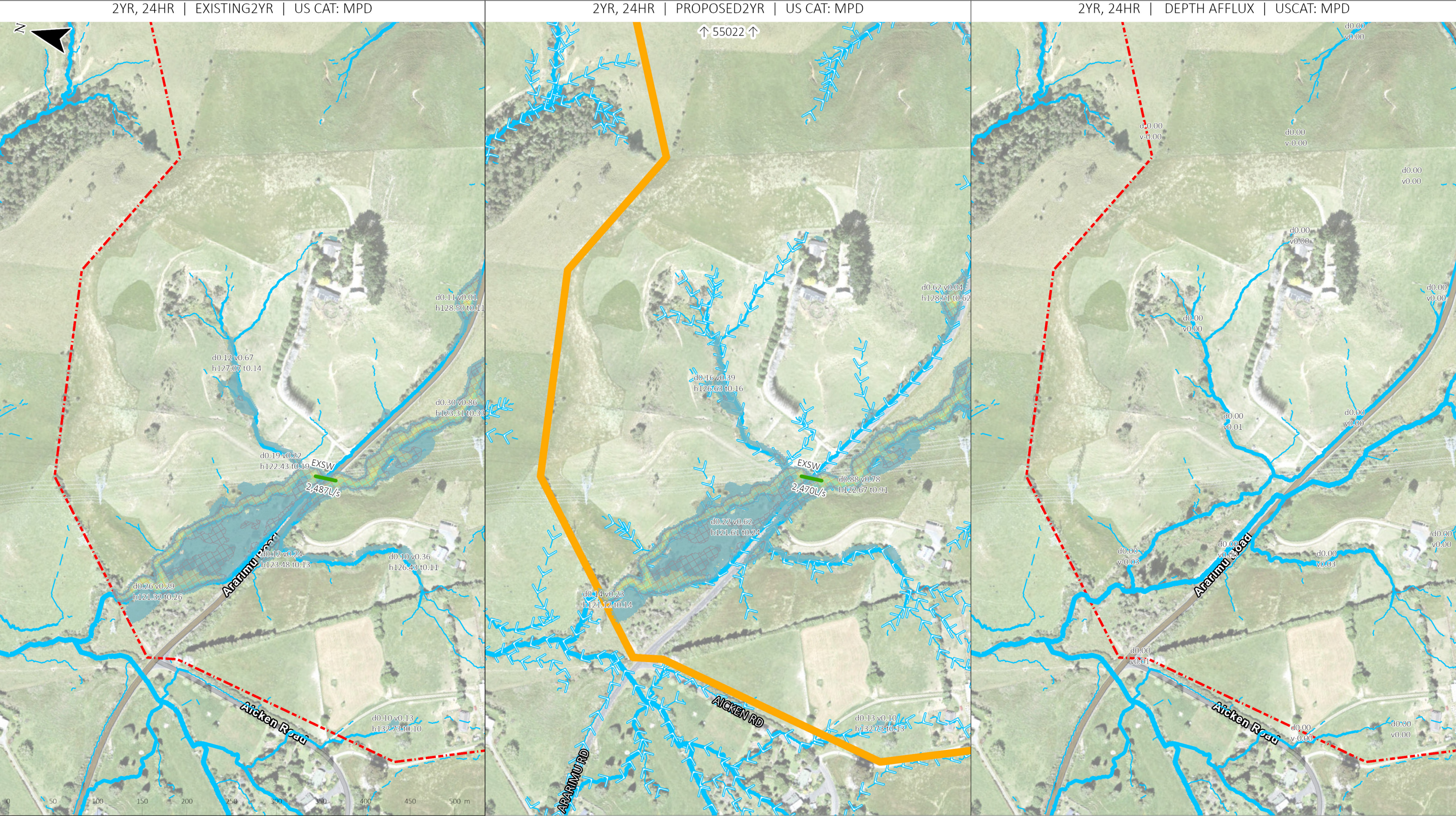
EX. PARCELS

PR. PAVEMENT

06_Pr2yr AFFLUX LABELS

SCAN FOR 3D:				PROJECT:				TITLE:				STATUS:			
B 03/09/24 FOR S92 RESPONSE				1618 ARARIMU ROAD, PAKAKURA				FLOODING MODEL RESULTS SCENARIO A3				FOR RESOURCE CONSENT			
A 16/10/23 FOR RESOURCE CONSENT												DRAWING NO: 55025			
												SCALE: 1:4,000			
												SIDE: A3		REVISION: B	
														DATE: 03/09/24	





GENERAL NOTES:
1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:
AUCKLAND COUNCIL, MAXAR, ESRI COMMUNITY MAPS CONTRIBUTORS,
LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS

LEGEND:

06_Pr2yr LINKS

06_Pr2yr SECTIONS

06_Pr2yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

06_Pr2yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

06_Pr2yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

06_Pr2yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

06_Pr2yr AFFLUX LABELS

SCAN FOR 3D:  allsite.ai				REV: DATE: DESCRIPTION: DF: MO: MO: LOGO:				PROJECT: 1618 ARARIMU ROAD, PAKAKURA				TITLE: FLOODING MODEL RESULTS SCENARIO A3				STATUS: FOR RESOURCE CONSENT			
A 16/10/23 FOR RESOURCE CONSENT				B 03/09/24 FOR S92 RESPONSE				DRAWING NO: 55026				SCALE: 1:4,000				REVISION: A3			
												DATE: 03/09/24				B			





GENERAL NOTES:

1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

06_Pr2yr LINKS

06_Pr2yr SECTIONS

06_Pr2yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

06_Pr2yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

06_Pr2yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

06_Pr2yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

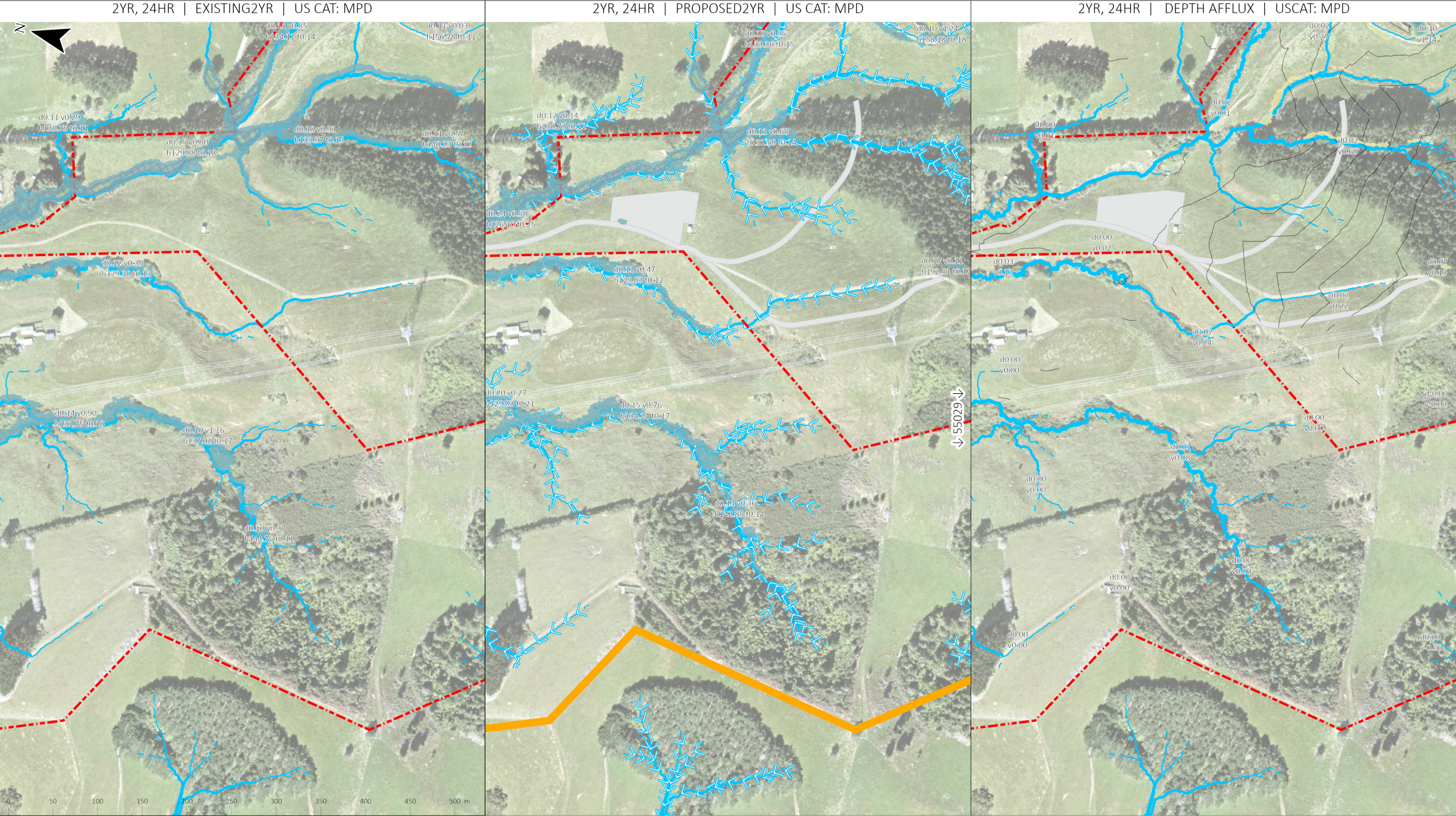
EX. PARCELS

PR. PAVEMENT

06_Pr2yr AFFLUX LABELS

SCAN FOR 3D:			REV. DATE DESCRIPTION			REV. DATE DESCRIPTION			PROJECT			TITLE			STATUS		
B			03/09/24			FOR S92 RESPONSE			1618 ARARIMU ROAD, PAKAKURA			FLOODING MODEL RESULTS SCENARIO A3			FOR RESOURCE CONSENT		
A			16/10/23			FOR RESOURCE CONSENT									DRAWING NO: 55027		
															SCALE: 1:4,000		
															SIZE: A3		
															REVISION: B		
															DATE: 03/09/24		





GENERAL NOTES:
1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:
ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

06_Pr2yr LINKS

06_Pr2yr SECTIONS

06_Pr2yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

06_Pr2yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

06_Pr2yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

06_Pr2yr LABELS

MODEL EXTENT

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

PR. BUILD.

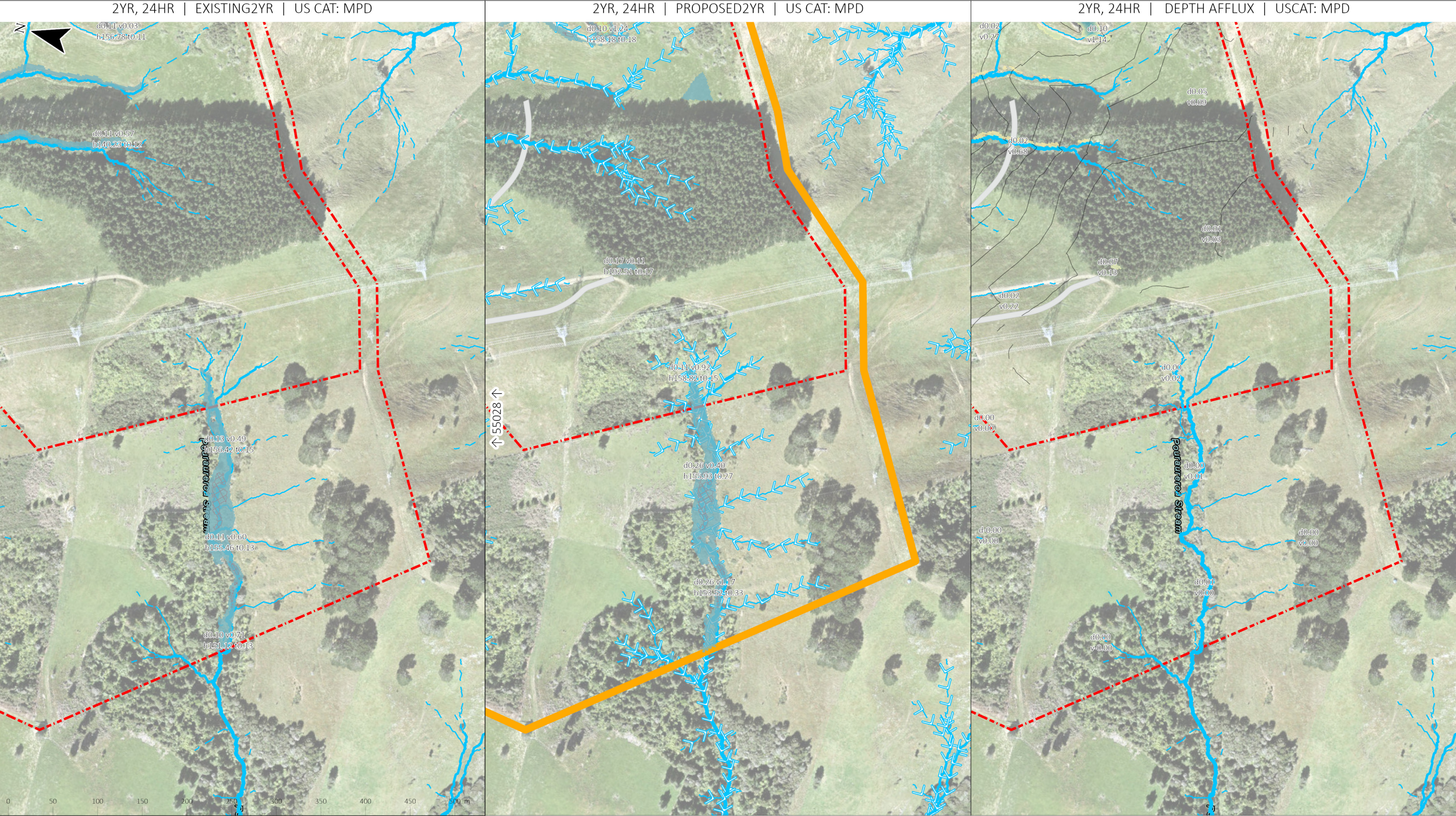
EX. PARCELS

PR. PAVEMENT

06_Pr2yr AFFLUX LABELS

SCAN FOR 3D:			REV. DATE DESCRIPTION			REV. DATE DESCRIPTION			PROJECT			TITLE			STATUS		
A			B 03/09/24 FOR S92 RESPONSE			DF MO MO			1618 ARARIMU ROAD, PAKAKURA			FLOODING MODEL RESULTS SCENARIO A3			FOR RESOURCE CONSENT		
A			16/10/23 FOR RESOURCE CONSENT			DF MO MO									DRAWING NO: 55028		
															SCALE: 1:4,000		
															SHEET: A3		
															REVISION: B		
															DATE: 03/09/24		

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GENERAL NOTES:

- 1. MODELLING CARRIED OUT IN TUFLOW
- 2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- 3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

06_Pr2yr LINKS

06_Pr2yr SECTIONS

06_Pr2yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

06_Pr2yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

06_Pr2yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

06_Pr2yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

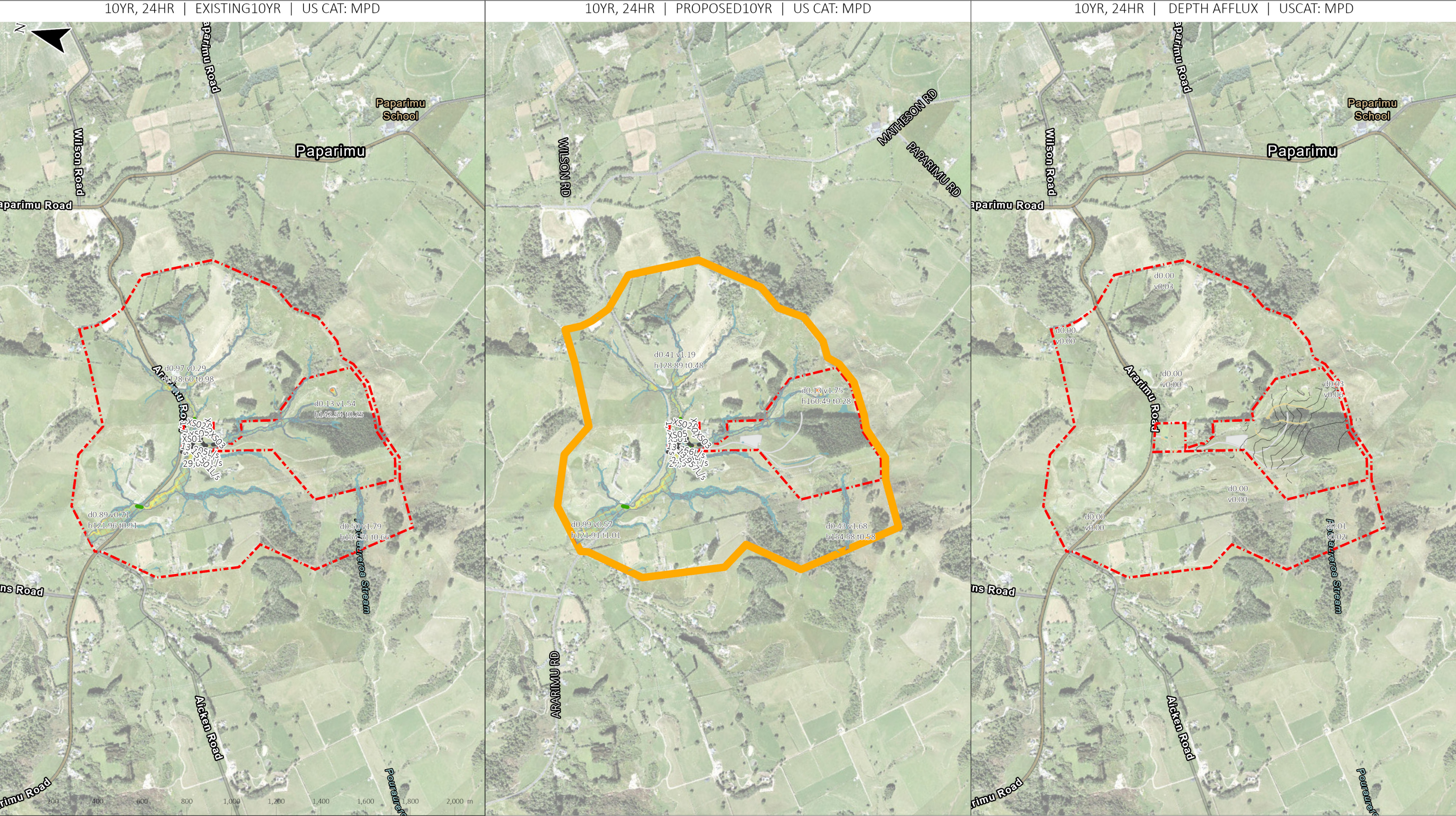
PR. BUILD.

EX. PARCELS

PR. PAVEMENT

06_Pr2yr AFFLUX LABELS

SCAN FOR 3D:  allsite.ai	REV: B	DATE: 03/09/24	DESCRIPTION: FOR S92 RESPONSE	DES: DF	REV: MO	FILE: MO	LOGO:		PROJECT: 1618 ARARIMU ROAD, PAPAKURA	TITLE: FLOODING MODEL RESULTS SCENARIO A3	STATUS: FOR RESOURCE CONSENT			
	A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO					DRAWING NO: 55029			
											SCALE:	SIDE:	REVISION:	DATE:
											1:4,000	A3	B	03/09/24



GENERAL NOTES:
1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN -0.05M TO 0.05M.

IMAGERY CREDITS:
ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

04_Pr10yr LINKS

04_Pr10yr SECTIONS

04_Pr10yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

04_Pr10yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

04_Pr10yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

04_Pr10yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

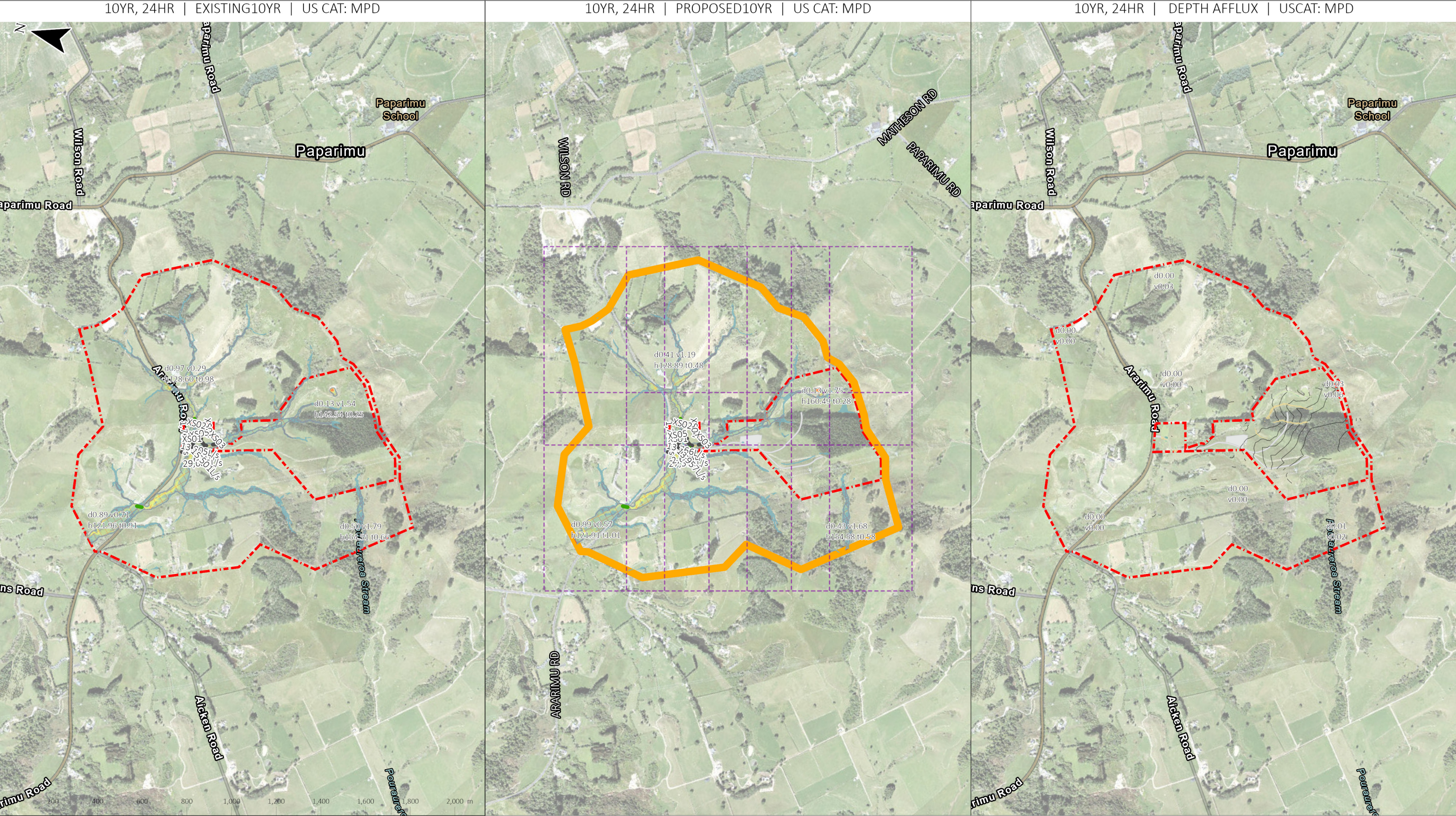
PR. BUILD.

EX. PARCELS

PR. PAVEMENT

04_Pr10yr AFFLUX LABELS

SCAN FOR 3D:  allsite.ai	REV	DATE	DESCRIPTION	DES	REV	REL	LOGO	CIVIX	PROJECT	1618 ARARIMU ROAD, PAPAKURA	TITLE	FLOODING MODEL RESULTS SCENARIO A2	STATUS			
	B	03/09/24	FOR S92 RESPONSE	DF	MO	MO	FOR RESOURCE CONSENT									
	A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO										
DRAWING NO:				55010												
SCALE:		SIZE:		REVISION:		DATE:										
1:16,000		A3		B		03/09/24										



GENERAL NOTES:

1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

04_Pr10yr LINKS

04_Pr10yr SECTIONS

04_Pr10yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

04_Pr10yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

04_Pr10yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

04_Pr10yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

PR. BUILD.

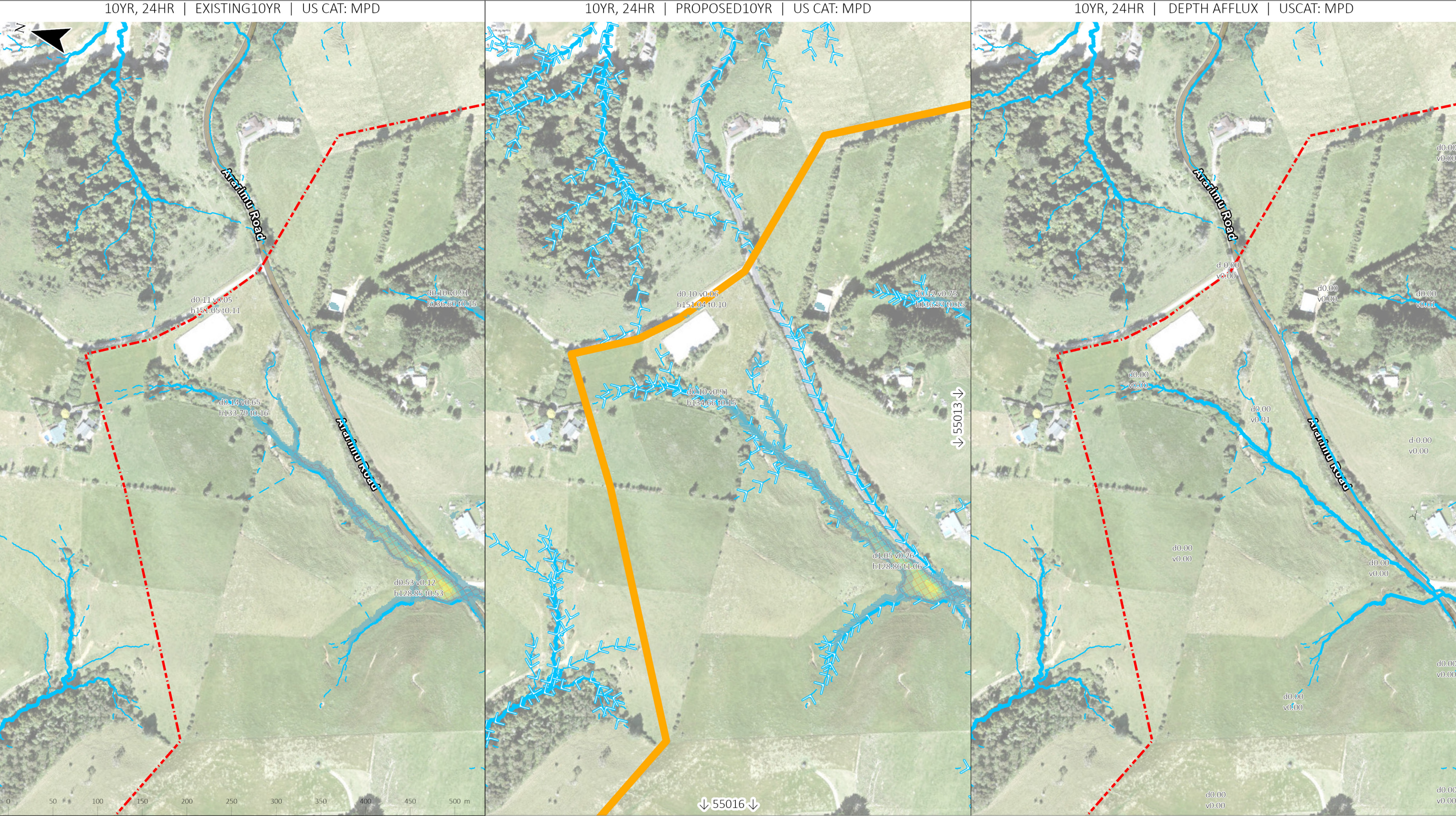
EX. PARCELS

PR. PAVEMENT

MODEL EXTENT

04_Pr10yr AFFLUX LABELS

SCAN FOR 3D:  allsite.ai	REV: B	DATE: 03/09/24	DESCRIPTION: FOR S92 RESPONSE	DES: DF	REV: MO	FILE: MO	LOGO:
	A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO	
				PROJECT: 1618 ARARIMU ROAD, PAKAKURA			
				TITLE: FLOODING MODEL RESULTS SCENARIO A2			
				STATUS: FOR RESOURCE CONSENT			
				DRAWING NO: 55011			
SCALE: 1:16,000		SHEET: A3	REVISION: B	DATE: 03/09/24			



GENERAL NOTES:

- MODELLING CARRIED OUT IN TUFLOW
- FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

AUCKLAND COUNCIL, MAXAR, ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, METI/NASA, USGS

LEGEND:

04_Pr10yr LINKS

04_Pr10yr SECTIONS

04_Pr10yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

04_Pr10yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

04_Pr10yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

04_Pr10yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

PR. BUILD.

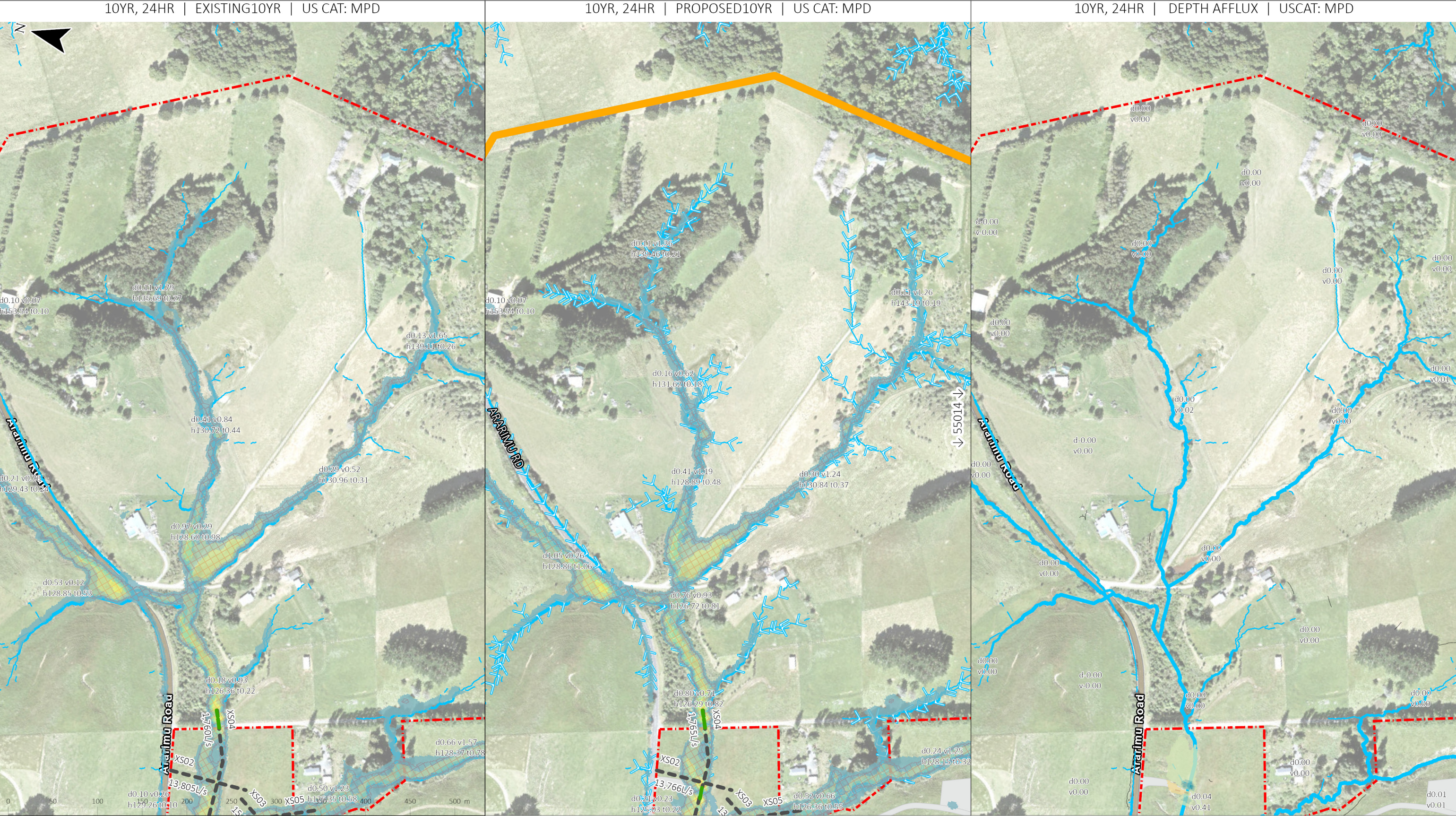
EX. PARCELS

PR. PAVEMENT

MODEL EXTENT

04_Pr10yr AFFLUX LABELS

SCAN FOR 3D:  allsite.ai	REV: B	DATE: 03/09/24	DESCRIPTION: FOR S92 RESPONSE	DES: DF	REV: MO	FILE: MO	LOGO:
	A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO	
				PROJECT: 1618 ARARIMU ROAD, PAKAKURA			TITLE: FLOODING MODEL RESULTS SCENARIO A2
				STATUS: FOR RESOURCE CONSENT			DRAWING NO: 55012
				SCALE: 1:4,000	SHEET: A3	REVISION: B	DATE: 03/09/24



GENERAL NOTES:

- 1. MODELLING CARRIED OUT IN TUFLOW
- 2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- 3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN -0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, METI/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

04_Pr10yr LINKS

04_Pr10yr SECTIONS

04_Pr10yr DEPTH

MAX DEPTH (m)

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

04_Pr10yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

04_Pr10yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

04_Pr10yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

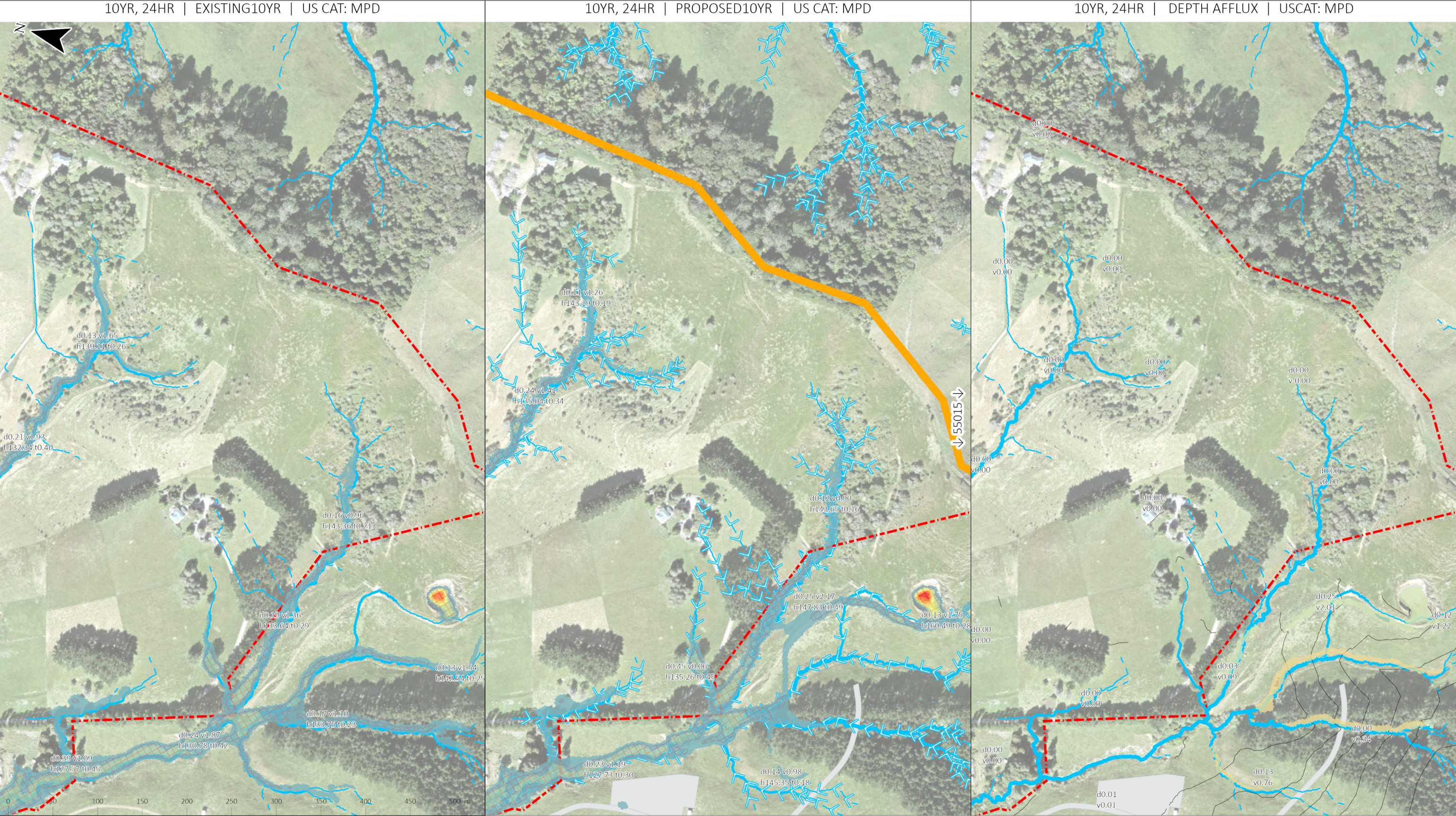
EX. PARCELS

PR. PAVEMENT

04_Pr10yr AFFLUX LABELS

SCAN FOR 3D:			REV. DATE DESCRIPTION			REV. DATE DESCRIPTION			PROJECT			TITLE:			STATUS:		
A			B 03/09/24 FOR S92 RESPONSE			DF MO MO			1618 ARARIMU ROAD, PAKAKURA			FLOODING MODEL RESULTS SCENARIO A2			FOR RESOURCE CONSENT		
A			16/10/23 FOR RESOURCE CONSENT			DF MO MO									DRAWING NO: 55013		
															SCALE: 1:4,000		
															SIZE: A3		
															REVISION: B		
															DATE: 03/09/24		





GENERAL NOTES:
1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:
ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

04_Pr10yr LINKS

04_Pr10yr SECTIONS

04_Pr10yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

04_Pr10yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

04_Pr10yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

04_Pr10yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

04_Pr10yr AFFLUX LABELS

SCAN FOR 3D:

allsite.ai

REV	DATE	DESCRIPTION	DF	MO	MO
B	03/09/24	FOR S92 RESPONSE	DF	MO	MO
A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO

CIVIX

PROJECT:

1618 ARARIMU ROAD,
PAPAKURA

TITLE:

FLOODING MODEL RESULTS
SCENARIO A2

STATUS:

FOR RESOURCE CONSENT

DRAWING NO:

55014

SCALE:

1:4,000

SHEET:

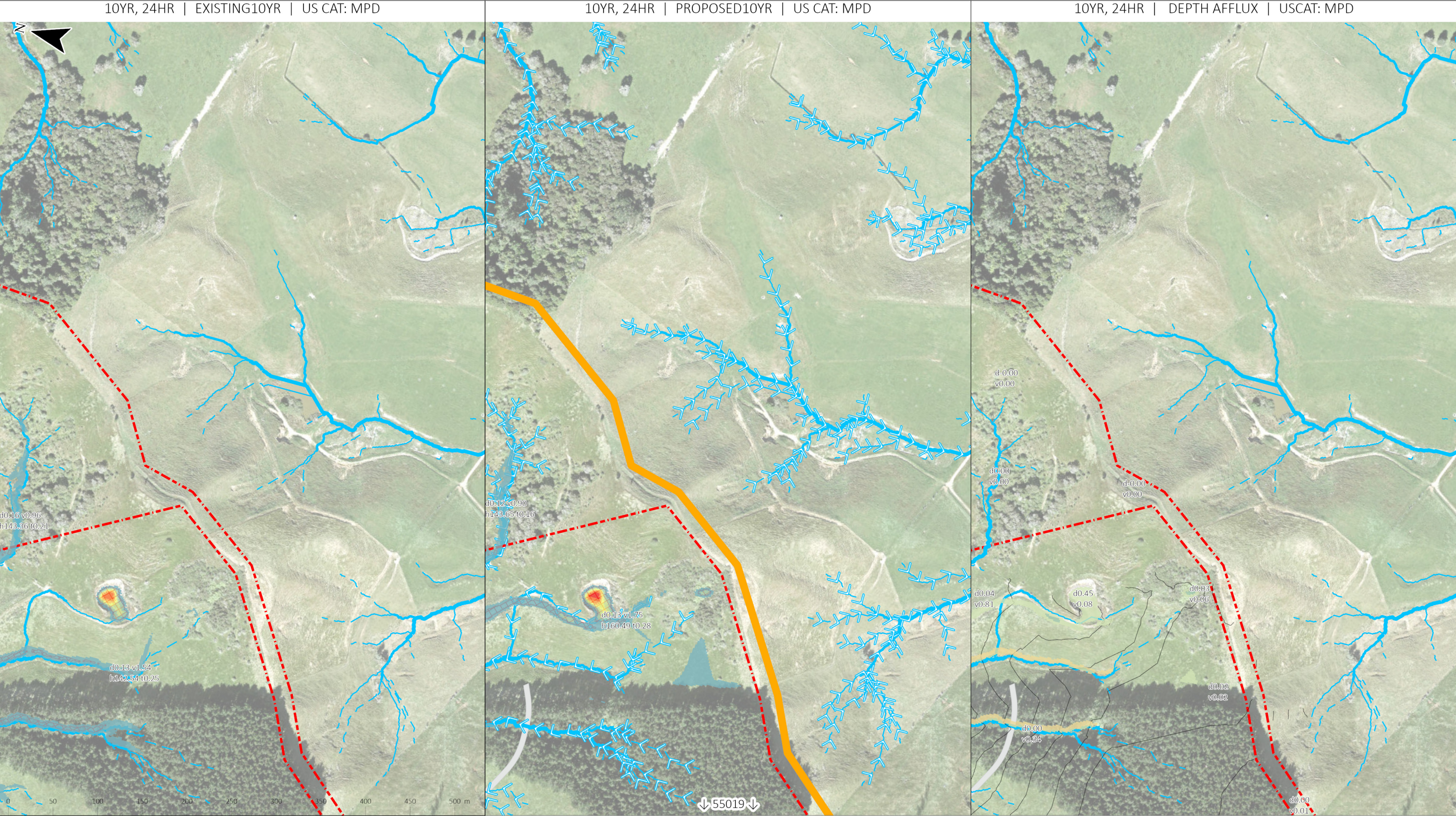
A3

REVISION:

B

DATE:

03/09/24



GENERAL NOTES:

- 1. MODELLING CARRIED OUT IN TUFLOW
- 2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- 3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

04_Pr10yr LINKS

04_Pr10yr SECTIONS

04_Pr10yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

04_Pr10yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

04_Pr10yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

04_Pr10yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

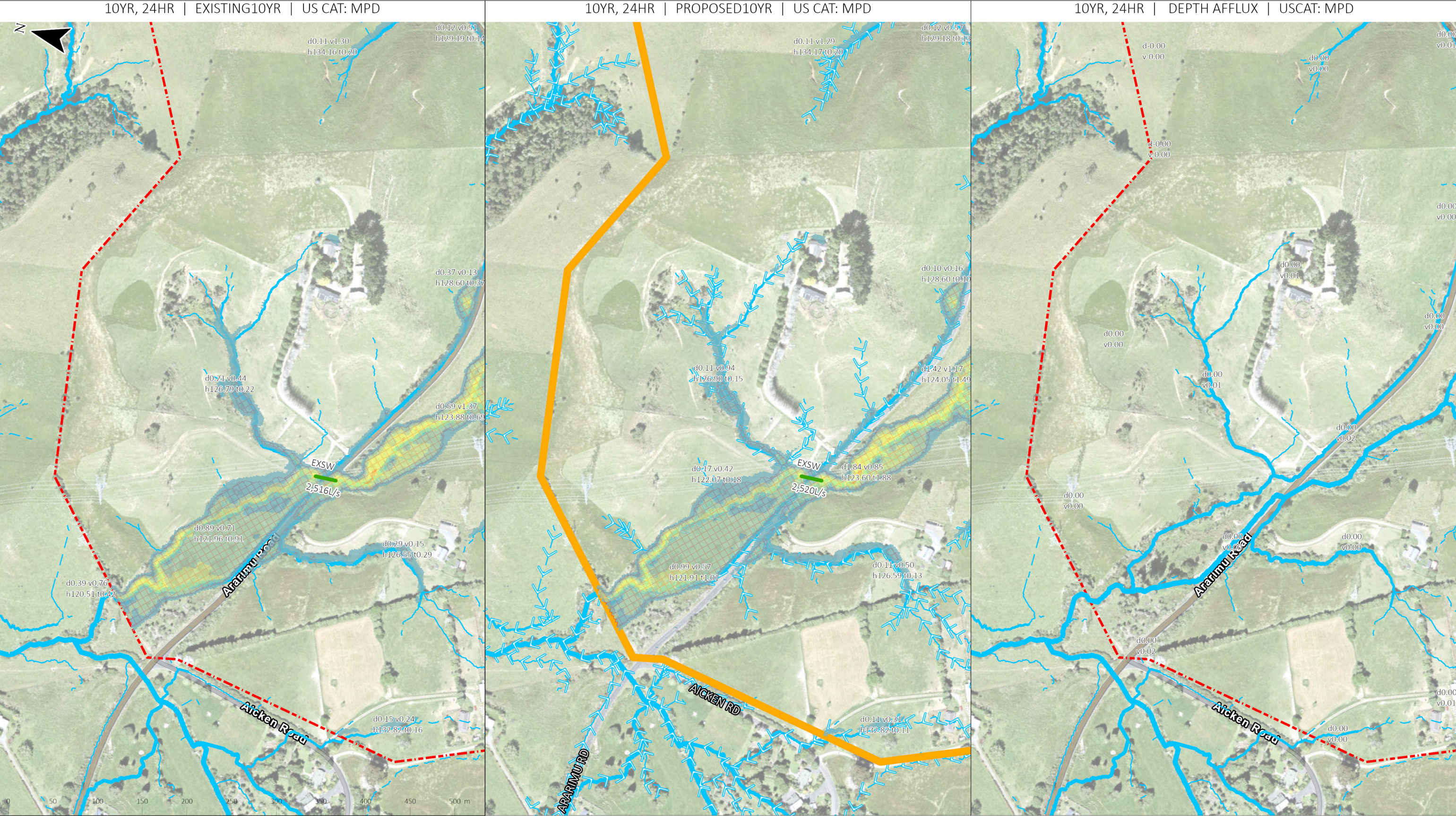
MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

04_Pr10yr AFFLUX LABELS



GENERAL NOTES:

- 1. MODELLING CARRIED OUT IN TUFLOW
- 2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- 3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

AUCKLAND COUNCIL, MAXAR, ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, METI/NASA, USGS

LEGEND:

04_Pr10yr LINKS

04_Pr10yr SECTIONS

04_Pr10yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

04_Pr10yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

04_Pr10yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

04_Pr10yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

04_Pr10yr AFFLUX LABELS

SCAN FOR 3D:			REV: DATE: DESCRIPTION:			ISS: REV: FILE: LOGO:			PROJECT:			TITLE:			STATUS:		
B			03/09/24			FOR S92 RESPONSE			1618 ARARIMU ROAD,			FLOODING MODEL RESULTS			FOR RESOURCE CONSENT		
A			16/10/23			FOR RESOURCE CONSENT			PAPAKURA			SCENARIO A2			DRAWING NO:		
															55016		
															SCALE:		
															1:4,000		
															SIZE:		
															A3		
															REVISION:		
															B		
															DATE:		
															03/09/24		





GENERAL NOTES:

- 1. MODELLING CARRIED OUT IN TUFLOW
- 2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
- 3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:

ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

04_Pr10yr LINKS

04_Pr10yr SECTIONS

04_Pr10yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

3.50-4.00m

04_Pr10yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

04_Pr10yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

04_Pr10yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

MODEL EXTENT

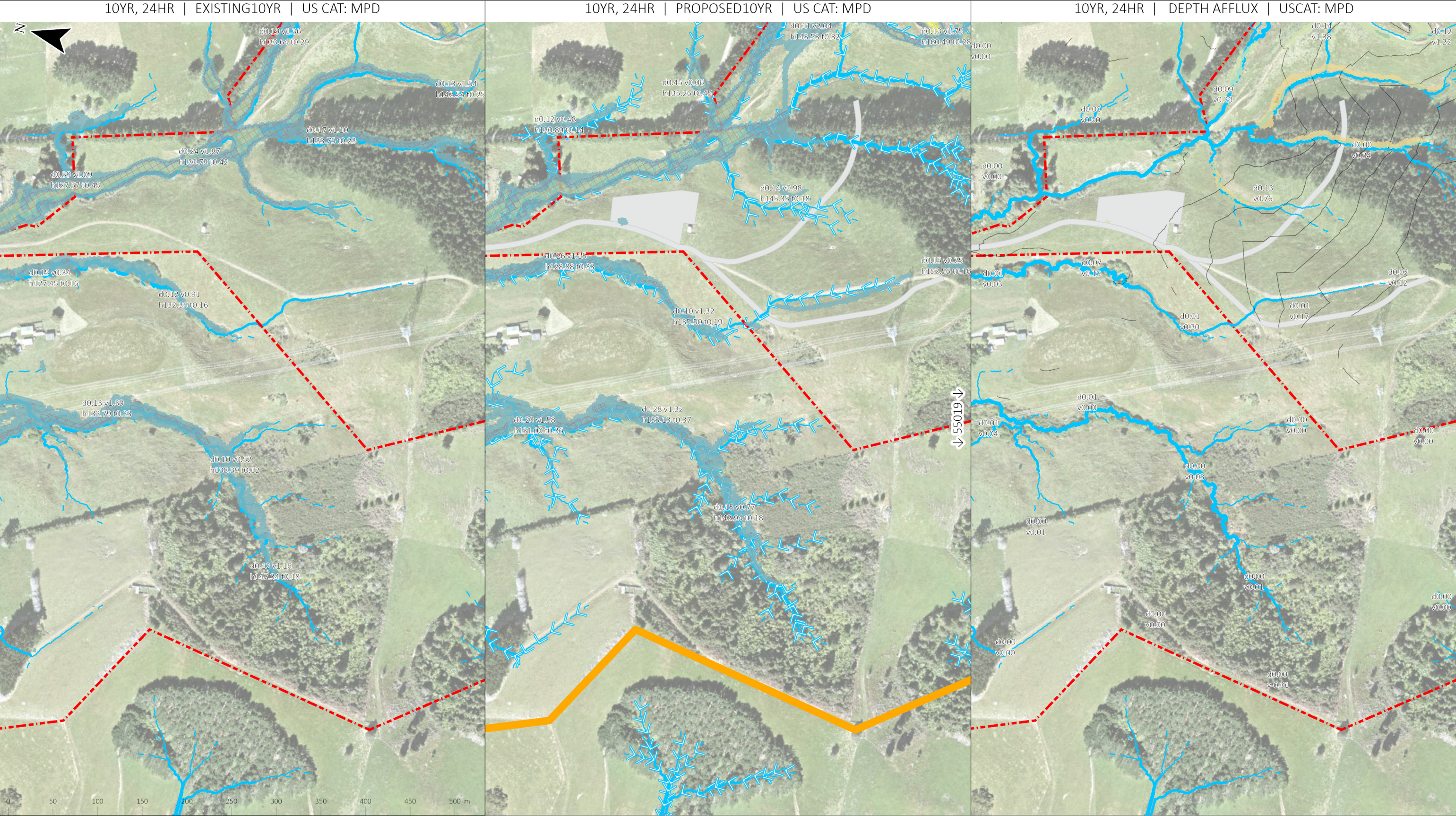
PR. BUILD.

EX. PARCELS

PR. PAVEMENT

04_Pr10yr AFFLUX LABELS

SCAN FOR 3D:  allsite.ai	REV: B	DATE: 03/09/24	DESCRIPTION: FOR S92 RESPONSE	DRAWN: DF	CHECKED: MO	DATE: MO	DATE: MO		PROJECT: 1618 ARARIMU ROAD, PAPAKURA	TITLE: FLOODING MODEL RESULTS SCENARIO A2	STATUS: FOR RESOURCE CONSENT			
	A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO					DRAWING NO: 55017			
											SCALE: 1:4,000	SHEET: A3	REVISION: B	DATE: 03/09/24



GENERAL NOTES:
1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:
ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

04_Pr10yr LINKS

04_Pr10yr SECTIONS

04_Pr10yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

04_Pr10yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

04_Pr10yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

04_Pr10yr LABELS

MODEL EXTENT

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

PR. BUILD.

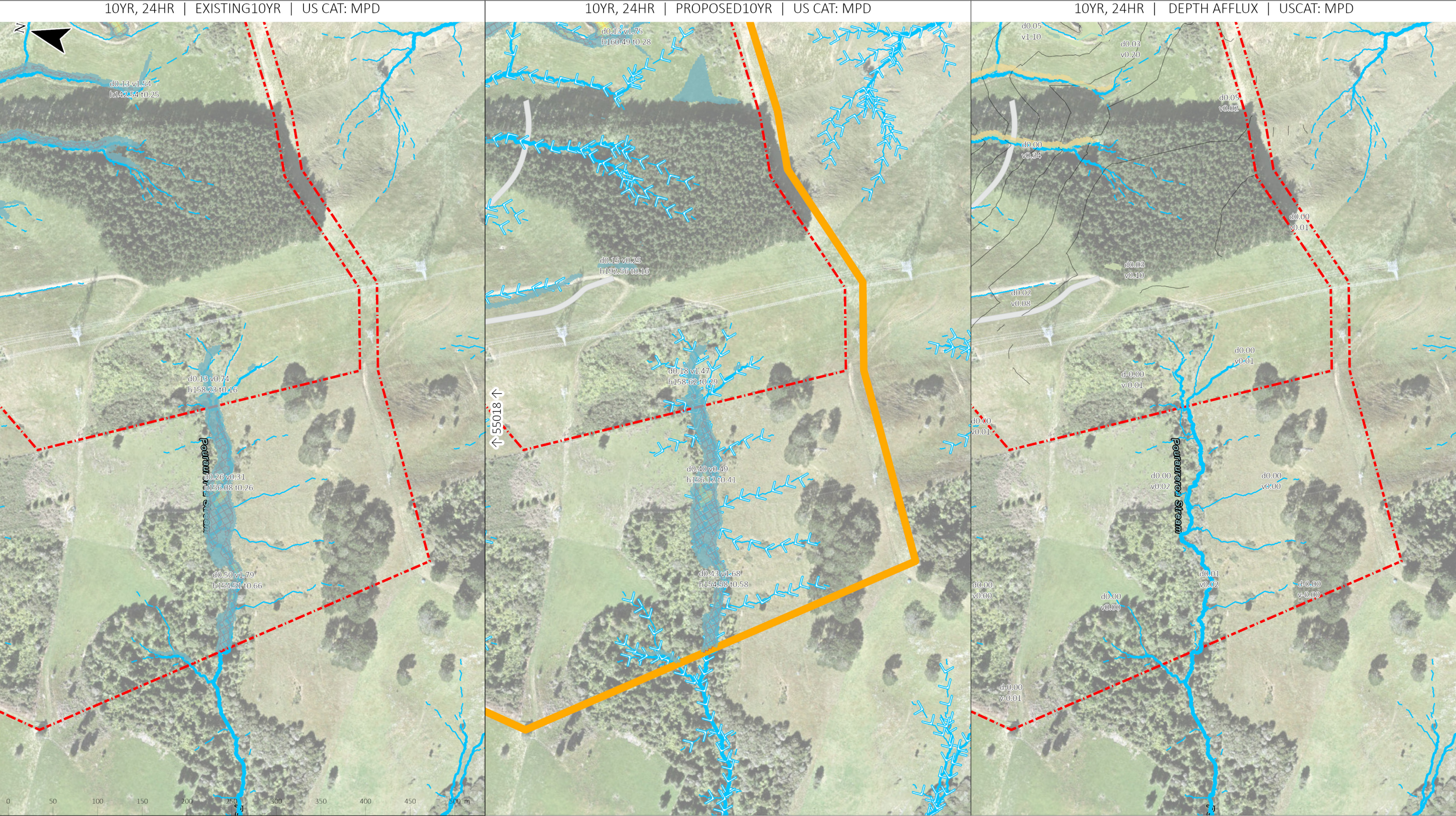
EX. PARCELS

PR. PAVEMENT

04_Pr10yr AFFLUX LABELS

SCAN FOR 3D:				REV. DATE DESCRIPTION				REV. DATE DESCRIPTION				PROJECT				TITLE:				STATUS:			
				B 03/09/24 FOR S92 RESPONSE				DF MO MO				1618 ARARIMU ROAD, PAKAKURA				FLOODING MODEL RESULTS SCENARIO A2				FOR RESOURCE CONSENT			
				A 16/10/23 FOR RESOURCE CONSENT				DF MO MO												DRAWING NO: 55018			
																				SCALE: 1:4,000			
																				SHEET: A3			
																				REVISION: B			
																				DATE: 03/09/24			

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GENERAL NOTES:
1. MODELLING CARRIED OUT IN TUFLOW
2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN 0.05M TO 0.05M.

IMAGERY CREDITS:
ESRI COMMUNITY MAPS CONTRIBUTORS, LINZ, STATS NZ, ESRI, TOMTOM, GARMIN, FOURSQUARE, MET/NASA, USGS, AUCKLAND COUNCIL, COLAB, MAXAR

LEGEND:

04_Pr10yr LINKS

04_Pr10yr SECTIONS

04_Pr10yr DEPTH

MAX DEPTH (m)

0.00-0.05m

0.05-0.50m

0.50-1.00m

1.00-1.50m

1.50-2.00m

2.00-2.50m

2.50-3.00m

3.00-3.50m

04_Pr10yr SAFETY

HAZARDS

PEDESTRIAN

VEHICLE+PEDESTRIAN

04_Pr10yr REVIEW

REV_TYPE

LOW

MEDIUM

HIGH

04_Pr10yr LABELS

MODEL WALLS

MODEL IN & OUT

Auto_QvsH

TP108_QvsT

Auto_HvsT

PR. BUILD.

EX. PARCELS

PR. PAVEMENT

MODEL EXTENT

04_Pr10yr AFFLUX LABELS

SCAN FOR 3D:  allsite.ai	REV: B	DATE: 03/09/24	DESCRIPTION: FOR S92 RESPONSE	DES: DF	REV: MO	FILE: MO	LOGO:		PROJECT: 1618 ARARIMU ROAD, PAPAKURA	TITLE: FLOODING MODEL RESULTS SCENARIO A2	STATUS: FOR RESOURCE CONSENT			
	A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO					DRAWING NO: 55019			
											SCALE:	SIZE:	REVISION:	DATE:
											1:4,000	A3	B	03/09/24

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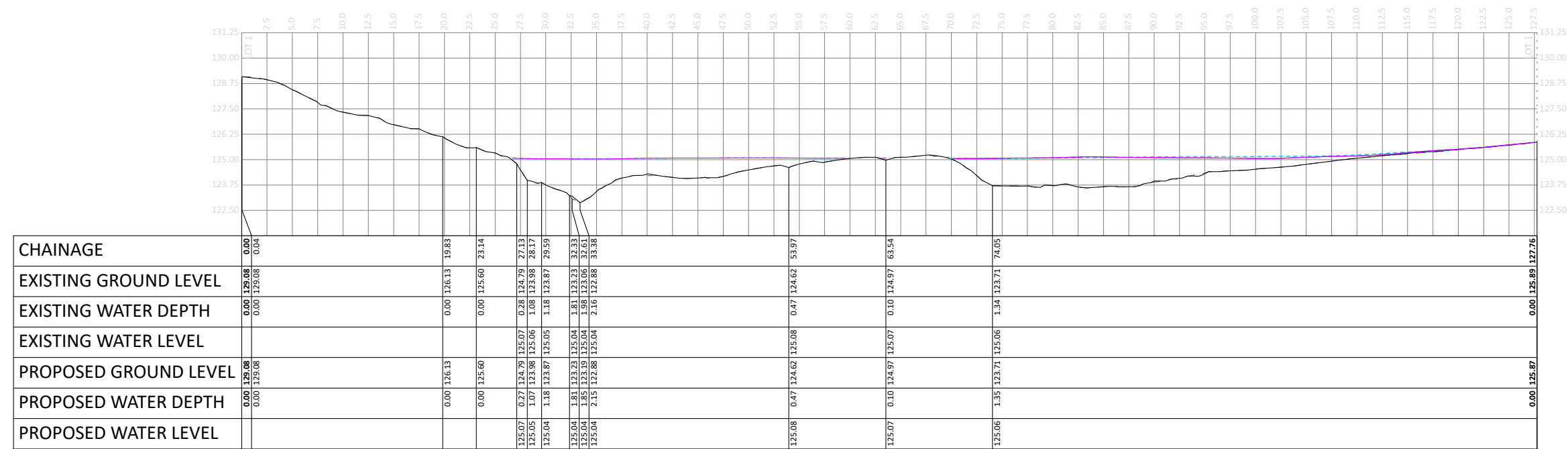
LEGEND:

EXISTING SURFACE

PROPOSED SURFACE

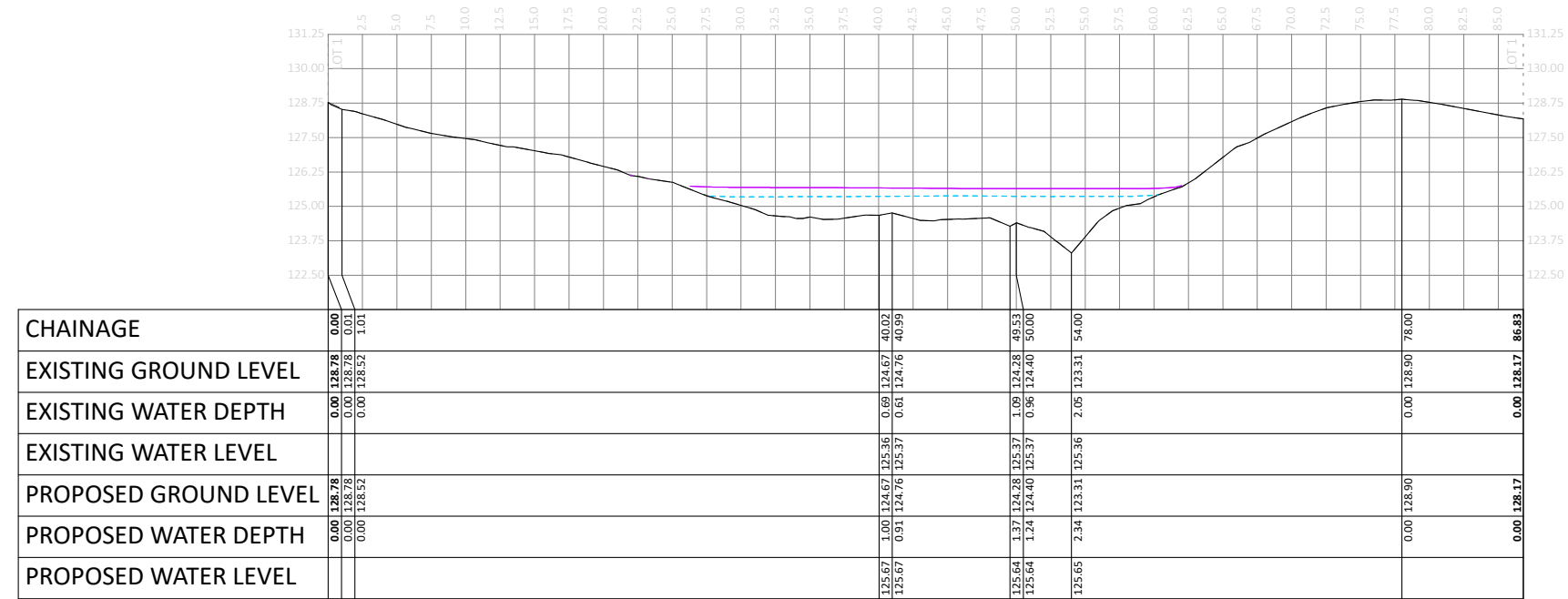
EXISTING WATER LEVEL

PROPOSED WATER LEVEL



XS01 A1 01_Ex100yr, 02_Pr100yr

SCALE H1:500 V1:250



XS02 A1 01_Ex100yr, 02_Pr100yr

SCALE H1:500 V1:250

SCAN FOR 3D:

allsite.ci

REV.	DATE	DESCRIPTION	DWG.	REV.	REL.
B	03/09/24	FOR S92 RESPONSE	DF	MO	MO
A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO

PROJECT:

1618 ARARIMU ROAD,
PAPAKURA

TITLE:

FLOODING MODEL SECTION

STATUS:

FOR RESOURCE CONSENT

DRAWING NO:

55500

SCALE:

1:500

SHEET:

A3

REVISION:

B

DATE:

03/09/24

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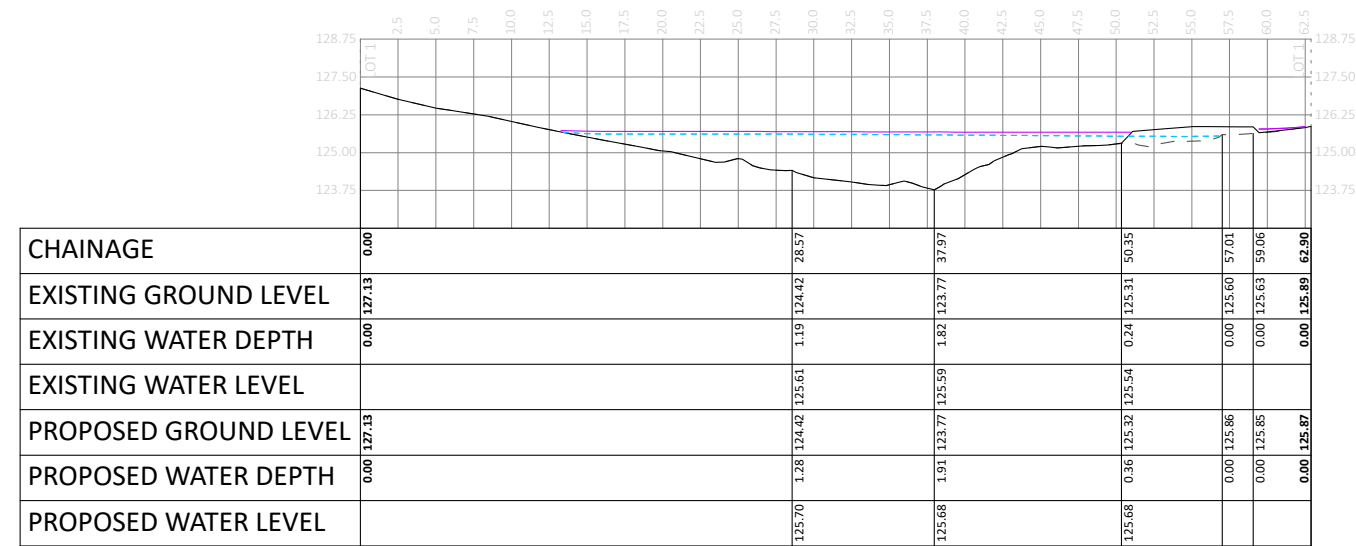
LEGEND:

EXISTING SURFACE

PROPOSED SURFACE

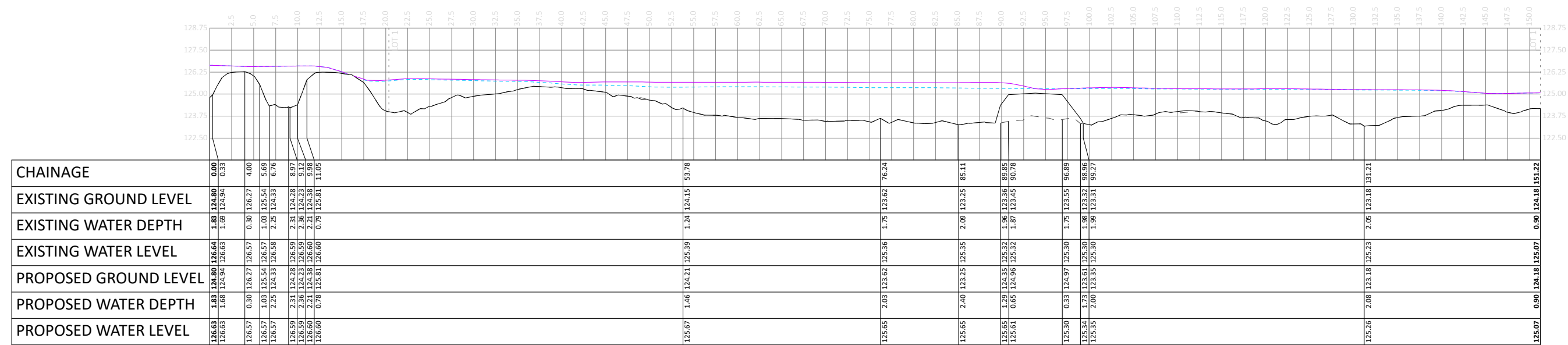
EXISTING WATER LEVEL

PROPOSED WATER LEVEL



XS03 A1 01_Ex100yr, 02_Pr100yr

SCALE H1:500 V1:250



XS04 A1 01_Ex100yr, 02_Pr100yr

SCALE H1:500 V1:250

SCAN FOR 3D:

allsite.ci

REV.	DATE	DESCRIPTION	DWG.	REV.	REL.
B	03/09/24	FOR S92 RESPONSE	DF	MO	MO
A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO

PROJECT:

1618 ARARIMU ROAD,
PAPAKURA

TITLE:

FLOODING MODEL SECTION

STATUS:

FOR RESOURCE CONSENT

DRAWING NO:

55501

SCALE:

1:500

SIZE:

A3

REVISION:

B

DATE:

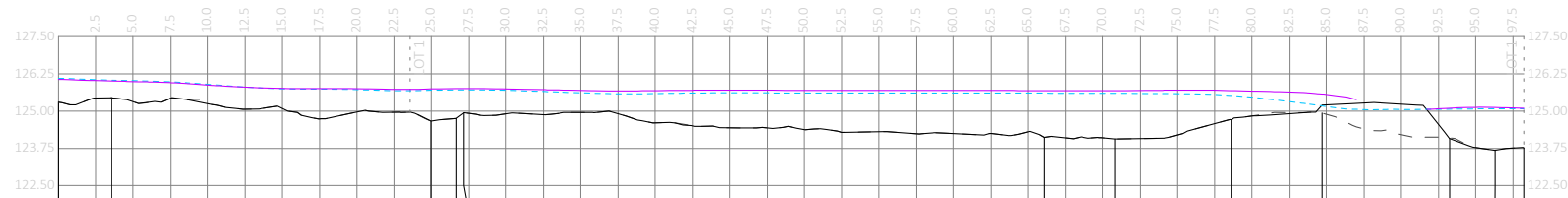
03/09/24

EXISTING SURFACE - - - - -

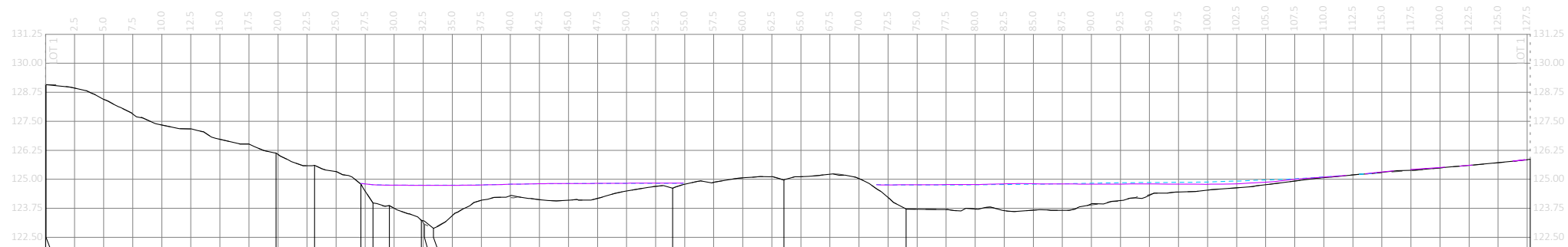
PROPOSED SURFACE _____

EXISTING WATER LEVEL - - - - -

PROPOSED WATER LEVEL _____

[illegible]

SCALE H1:500 V1:250

[illegible]

SCALE H1:500 V1:250

**allsite.ai**

REV:	DATE:	DESCRIPTION:	DES:	REV:	REL:	LOGG:
B	03/09/24	FOR S92 RESPONSE	DF	MO	MO	
A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO	



PROJECT:

1618 ARARIMU ROAD,
PAPAKURA

TITLE:

FLOODING MODEL SECTION

STATUS:

FOR RESOURCE CONSENT

DRAWING NO:

55502

SCALE:
1:50

SIZE: A3

REVISION: B

DATE: 03/09/24

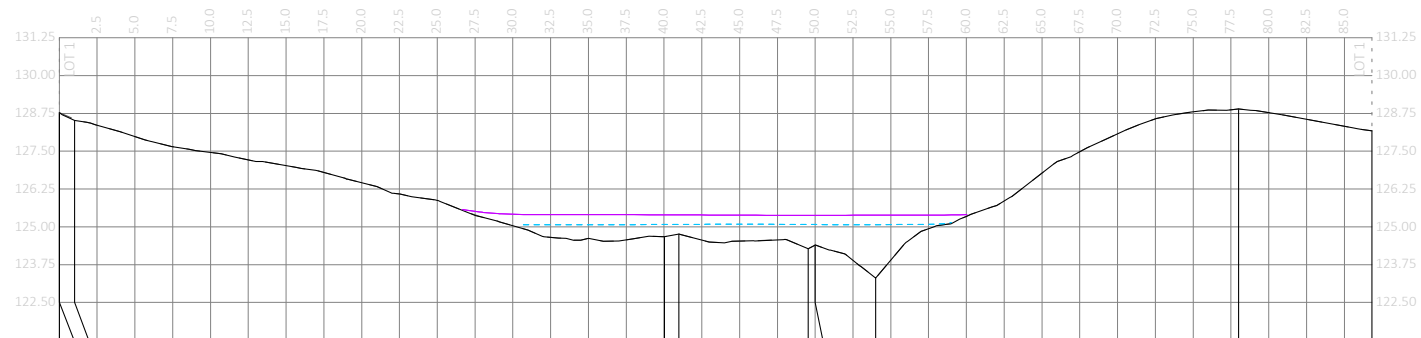
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EXISTING SURFACE - - - - -

PROPOSED SURFACE _____

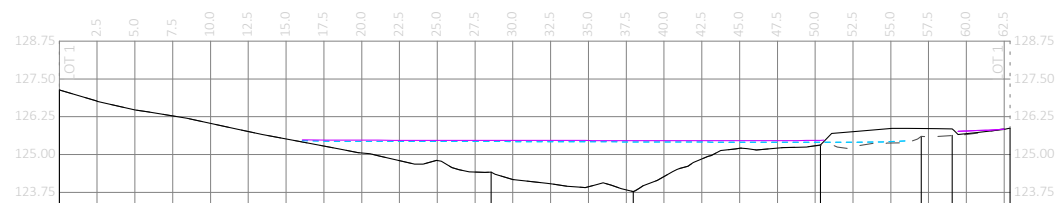
EXISTING WATER LEVEL - - - - -

PROPOSED WATER LEVEL _____

[illegible]

XS02 A2 03_Ex10yr, 04_Pr10yr

SCALE H1:500 V1:250



CHAINAGE	0.00		28.57	37.97	50.35				
EXISTING GROUND LEVEL	127.13		124.42	123.77	125.31			125.60	57.01
EXISTING WATER DEPTH	0.00		1.01	1.64	0.10			0.00	125.63
EXISTING WATER LEVEL			125.43	125.42	125.40			0.00	59.06
PROPOSED GROUND LEVEL	127.13		124.42	123.77	125.32			0.00	125.85
PROPOSED WATER DEPTH	0.00		1.05	1.69	0.15			0.00	125.87
PROPOSED WATER LEVEL			125.47	125.46	125.47				

XS03 A2 03_Ex10yr, 04_Pr10yr

SCALE H1:500 V1:250

**allsite.ai**

REV	DATE	DESCRIPTION	DES	REV	REL
B	03/09/24	FOR 592 RESPONSE	DF	MO	MO
A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO



PROJECT:

1618 ARARIMU ROAD,
PAPAKURA

TITLES

FLOODING MODEL SECTION

STATUS:

FOR RESOURCE CONSENT

DRAWING NO:

55503

SCALE:
1:500

A3

REVISION: B

DATE: 03/09/24

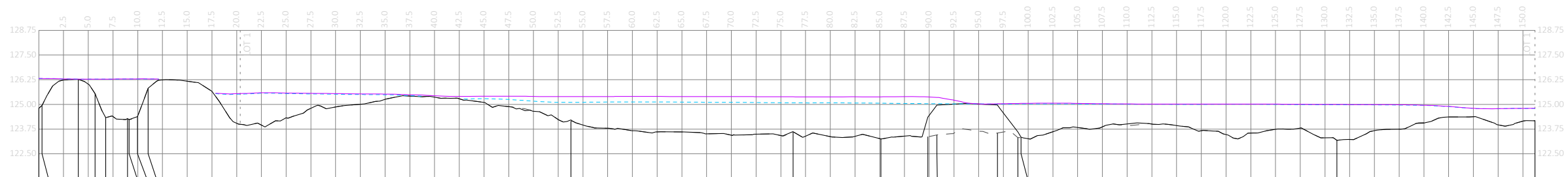
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EXISTING SURFACE - - - - -

PROPOSED SURFACE _____

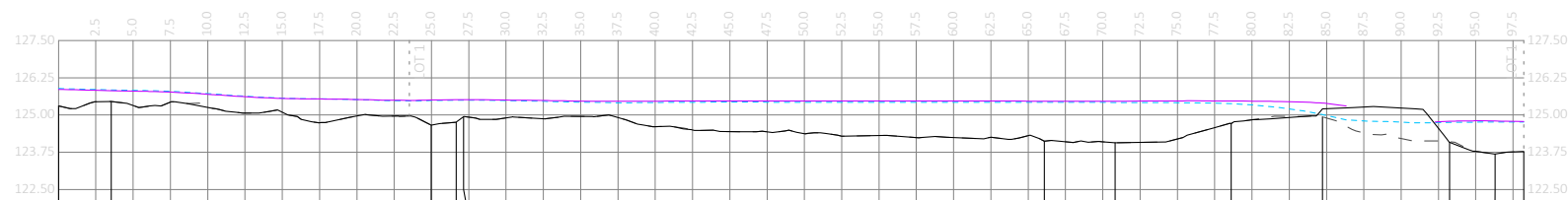
EXISTING WATER LEVEL - - - - -

PROPOSED WATER LEVEL _____

[illegible]

XS04 A2 03_Ex10yr, 04_Pr10yr

SCALE H1:500 V1:250

[illegible]

XS05 A2 03_Ex10yr, 04_Pr10yr

SCALE H1:500 V1:250

**allsite.ai**

REV.	DATE:	DESCRIPTION:	DES:	REV.	REL.
B	03/09/24	FOR S92 RESPONSE	DF	MO	MO
A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO



1618 ARARIMU ROAD,
PAPAKURA

FLOODING MODEL SECTION

STATUS: **FOR RESOURCE CONSENT**

DRAWING NO: 55504

SCALE:	SIZE:	REVISION:	DATE:
1:500	A3	B	03/09/24

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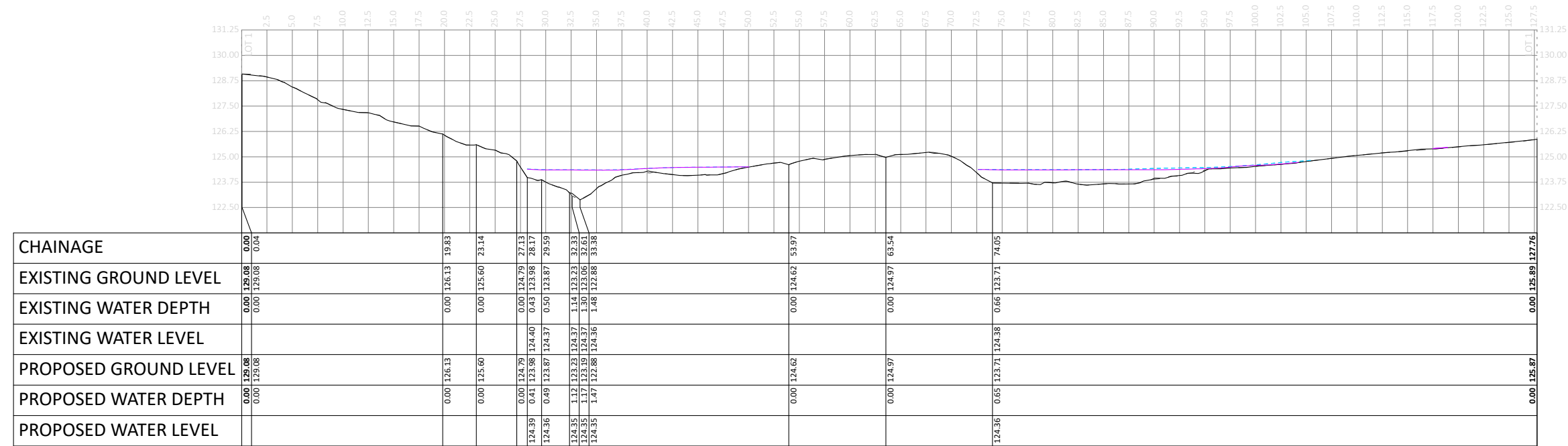
LEGEND:

EXISTING SURFACE

PROPOSED SURFACE

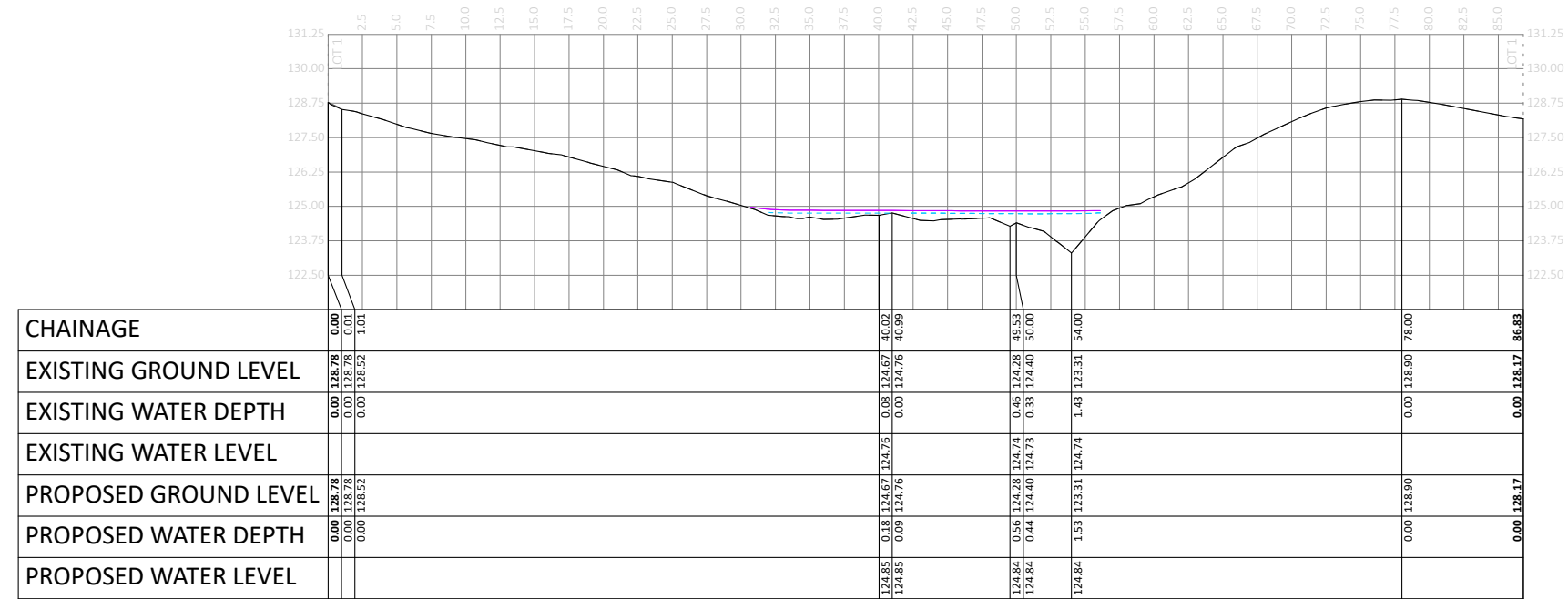
EXISTING WATER LEVEL

PROPOSED WATER LEVEL



XS01 A3 05_Ex2yr, 06_Pr2yr

SCALE H1:500 V1:250



XS02 A3 05_Ex2yr, 06_Pr2yr

SCALE H1:500 V1:250

SCAN FOR 3D:



allsite.ci

REV: B	DATE: 03/09/24	DESCRIPTION: FOR S92 RESPONSE	DES: DF	REV: MO	REL: MO	LOGO:
A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO	



PROJECT:

1618 ARARIMU ROAD,
PAPAKURA

TITLE:

FLOODING MODEL SECTION

STATUS:

FOR RESOURCE CONSENT

DRAWING NO:

55505

SCALE:

1:500

SIZE:

A3

REVISION:

B

DATE:

03/09/24

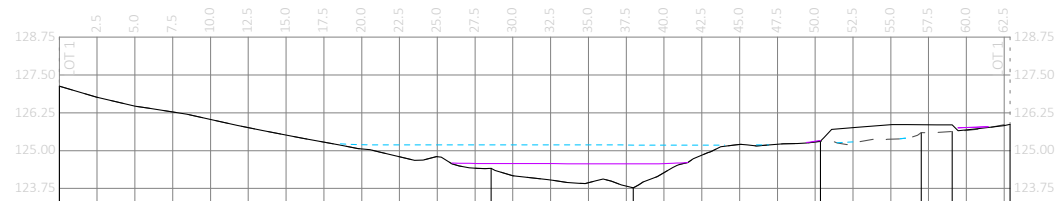
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EXISTING SURFACE - - - - -

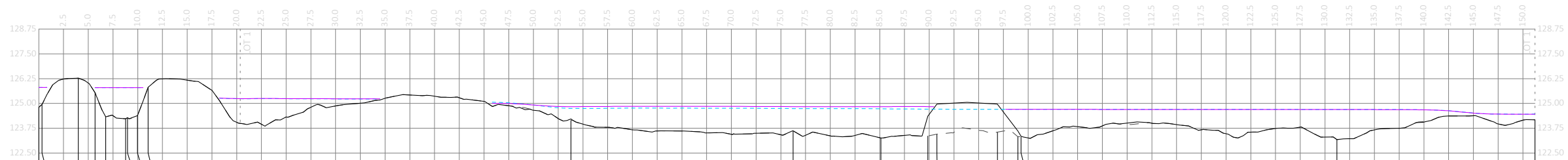
PROPOSED SURFACE _____

EXISTING WATER LEVEL - - - - -

PROPOSED WATER LEVEL _____

[illegible]

SCALE H1:500 V1:250

[illegible]

SCALE H1:500 V1:250

**allsite.ai**

REV.	DATE	DESCRIPTION	DESS	REV.	REL.	LOGO2
B	03/09/24	FOR S92 RESPONSE	DF	MO	MO	
A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO	



1618 ARARIMU ROAD,
PAPAKURA

FLOODING MODEL SECTION

STATUS:	
---------	--

FOR RESOURCE CONSENT

DRAWING NO:

55506

SCALE:

1:500

SIZE:

A3

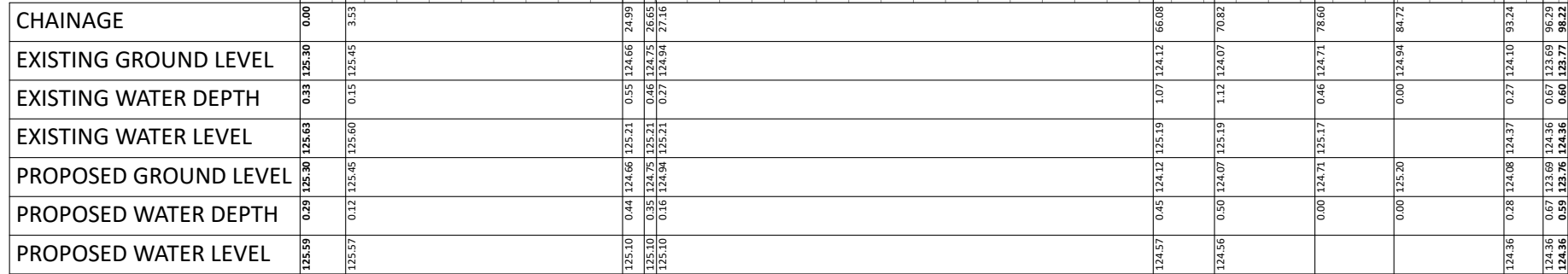
REVISION:

B

DATE: 03/09/24

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EXISTING SURFACE
PROPOSED SURFACE
EXISTING WATER LEVEL
PROPOSED WATER LEVEL



SCALE H1:500 V1:250

SCAN FOR 3D:  allsite.ai	REV: B	DATE: 03/09/24	DESCRIPTION: FOR S92 RESPONSE	DES: DF	REV: MO	REC: MO	LOGO:		PROJECT:	1618 ARARIMU ROAD, PAKAKURA	TITLE:	FLOODING MODEL SECTION	STATUS: FOR RESOURCE CONSENT			
	A	16/10/23	FOR RESOURCE CONSENT	DF	MO	MO							DRAWING NO: 55507			
													SCALE: 1:500	SIZE: A3	REVISION: B	DATE: 03/09/24