

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

LEGEND:

MODEL IN & OUT	OLFP	02_Pr100yr LINKS	0.50-1.00m	3.50-4.00m	02_Pr100yr REVIEW	MAX DEPTH CHANGE (m)	0.05-0.20m
Auto_QvsH	2000m2 to 4000m2	02_Pr100yr SECTIONS	1.00-1.50m	02_Pr100yr SAFETY	REV_TYPE	-0.40--0.20m	0.20-0.40m
MODEL EXTENT	4000m2 to 1ha	02_Pr100yr DEPTH	1.50-2.00m	HAZARDS	LOW	-0.05--0.20m	02_Pr100yr AFFLUX LABELS
TuFlow Catchment Lengths	1ha to 3ha	MAX DEPTH (m)	2.00-2.50m	PEDESTRIAN	MEDIUM	-0.05-0.05m	
PR. PARCELS	3ha to 100ha	0.00-0.05m	2.50-3.00m	VEHICLE+PEDESTRIAN	HIGH		
EX. PARCELS		0.05-0.50m	3.00-3.50m				

REV#	DATE	DESCRIPTION	DES#	REV#	REL#	LOGG#

SCAN FOR 3D: 

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40 MAHI ROAD HELENSVILLE

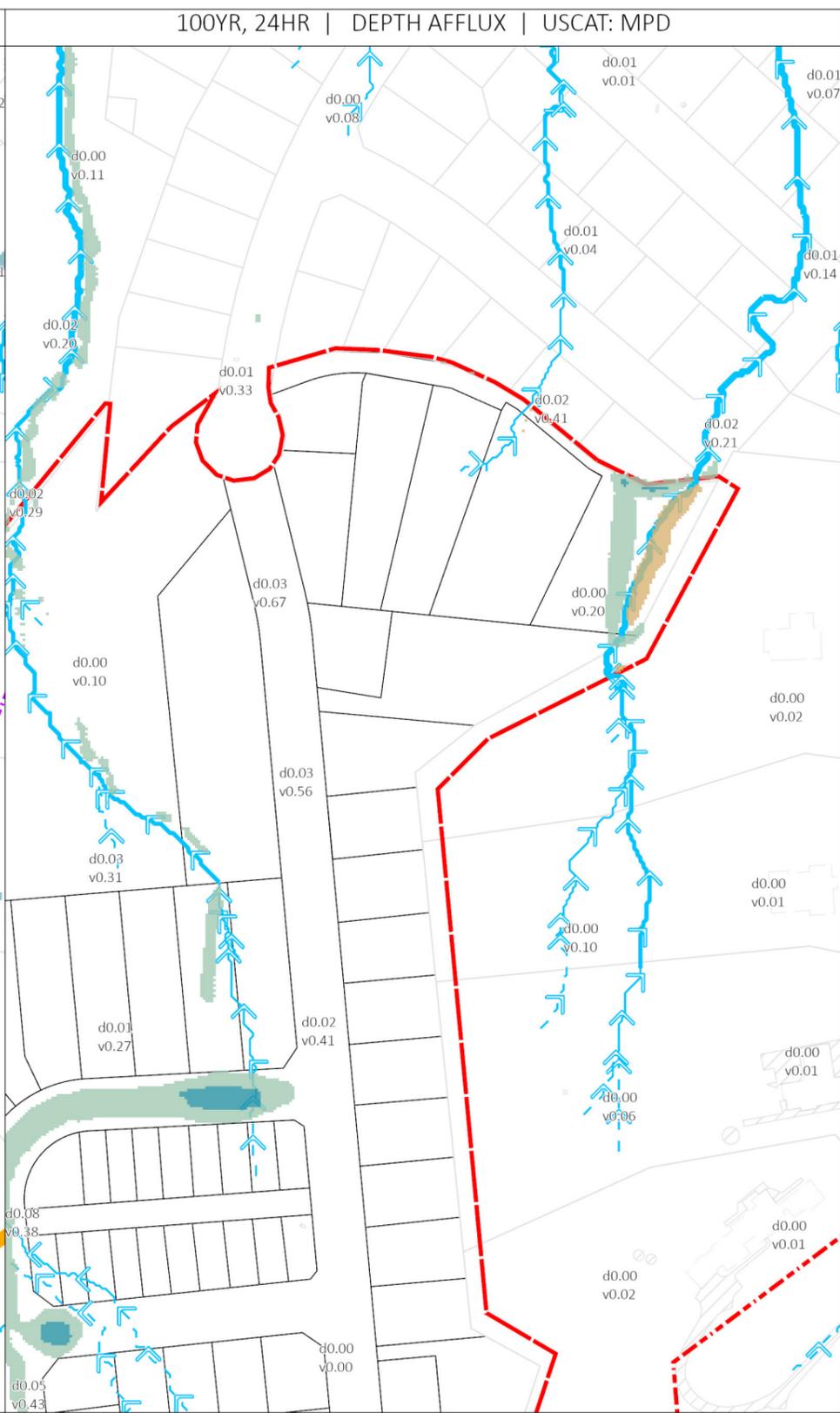
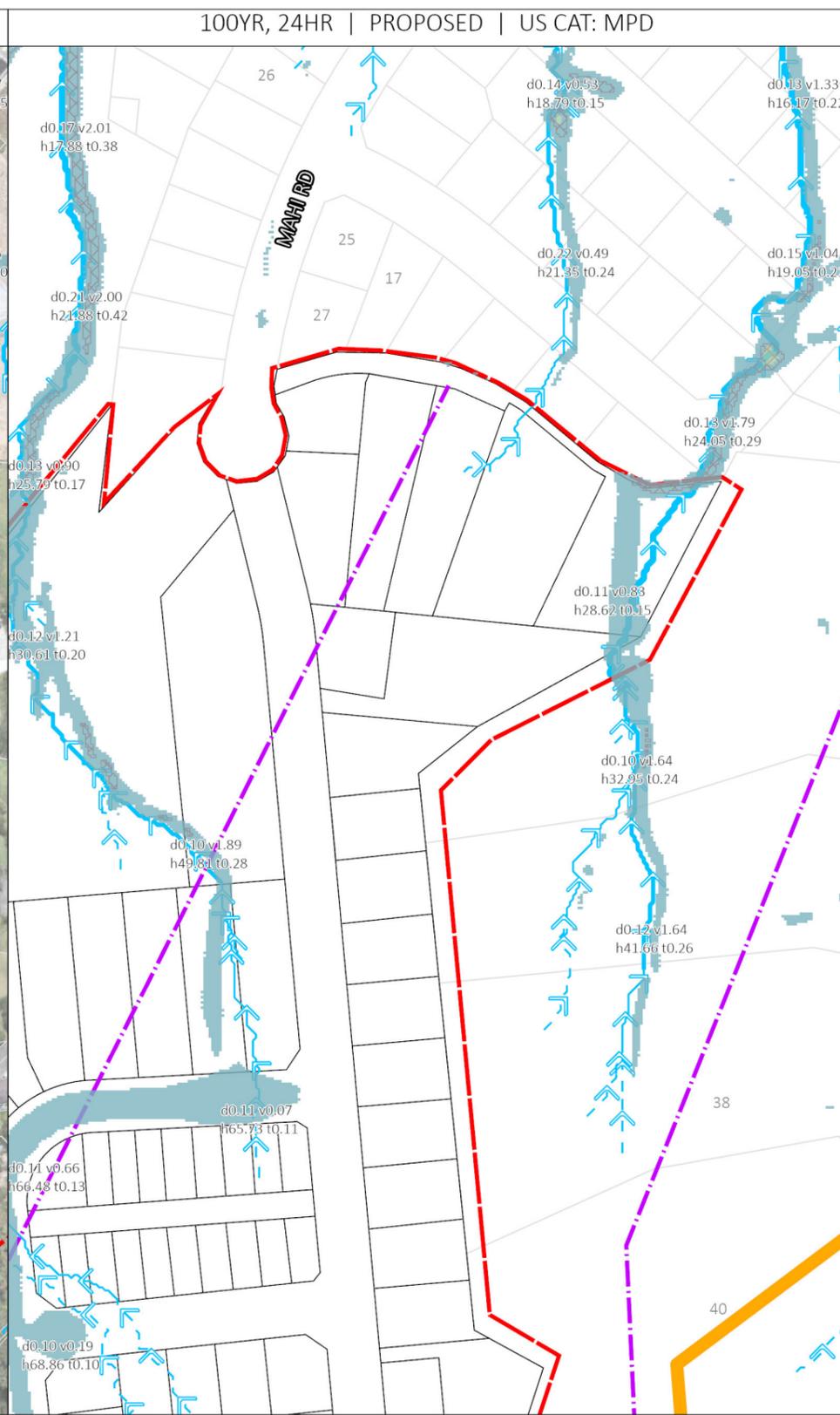
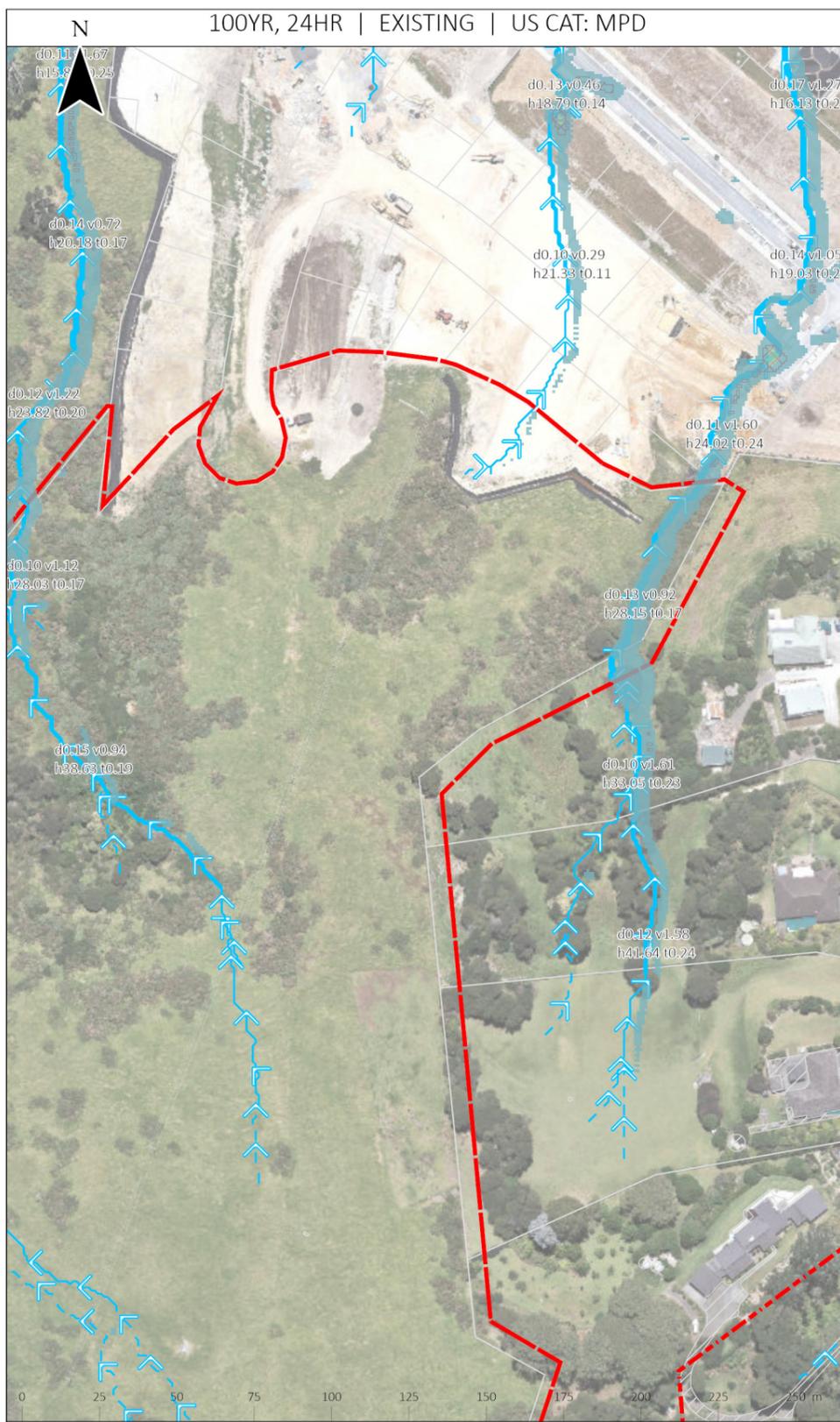
FLOODING MODEL RESULTS
SCENARIO A1

PRELIMINARY DESIGN

DRAWING NO: 58011

SCALE: 1:2,000 SIZE: A3 REVISION: 02/10/24 DATE: 02/10/24

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MODEL IN & OUT	OLFP	O2_Pr100yr LINKS	O2_Pr100yr SECTIONS	O2_Pr100yr SAFETY	O2_Pr100yr REVIEW	MAX DEPTH CHANGE (m)	O2_Pr100yr AFFLUX LABELS
Auto_QvsH	2000m2 to 4000m2	0.50-1.00m	0.00-0.05m	1.00-1.50m	LOW	-0.40--0.20m	0.05-0.20m
MODEL EXTENT	4000m2 to 1ha	1.50-2.00m	0.05-0.50m	2.00-2.50m	MEDIUM	-0.05--0.20m	0.20-0.40m
TuFlow Catchment Lengths	1ha to 3ha	2.50-3.00m		3.00-3.50m	HIGH	-0.05-0.05m	
PR. PARCELS	3ha to 100ha	PEDESTRIAN					
EX. PARCELS		VEHICLE+PEDESTRIAN					

SCAN FOR 3D:

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PROJECT: 40 MAHI ROAD HELENSVILLE

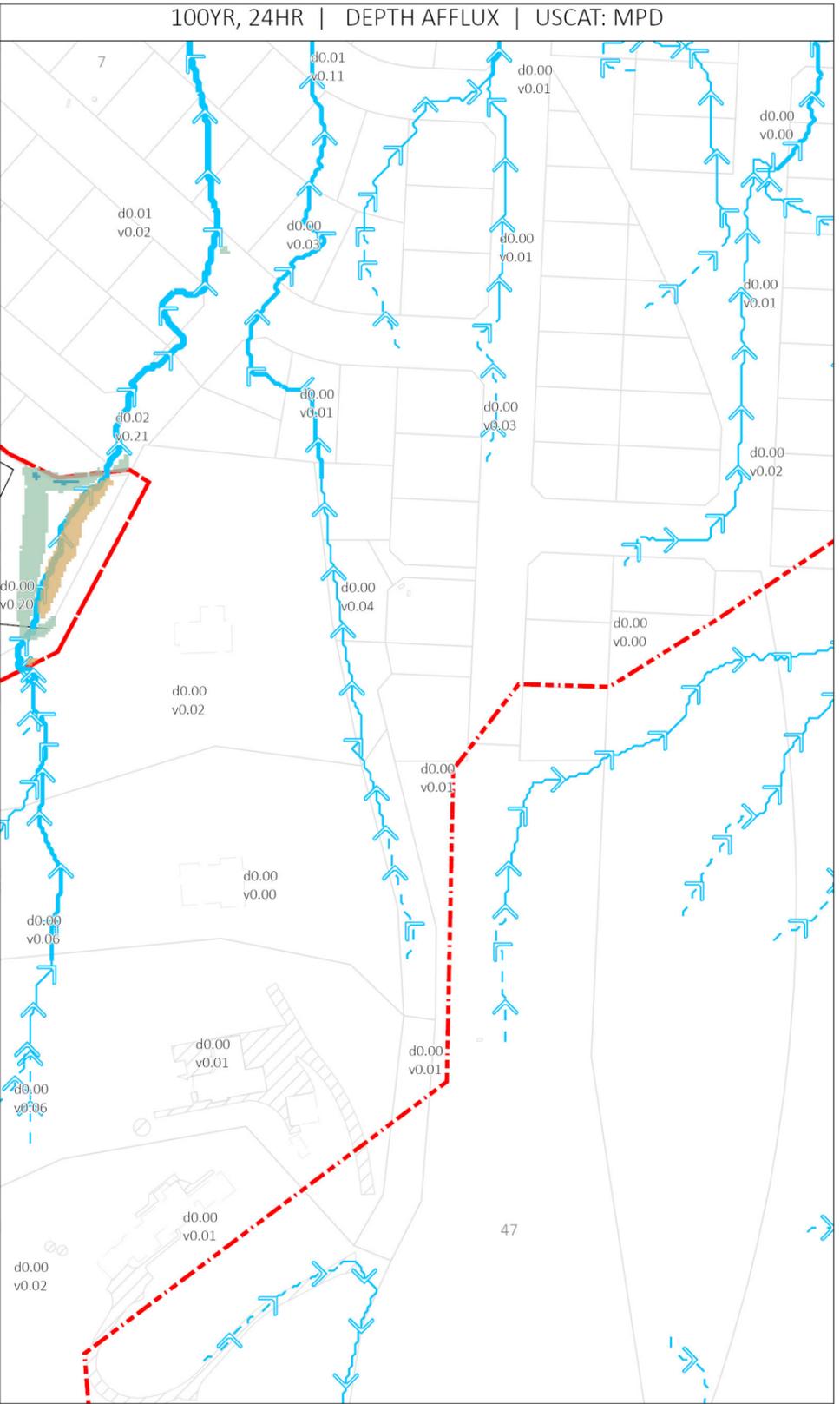
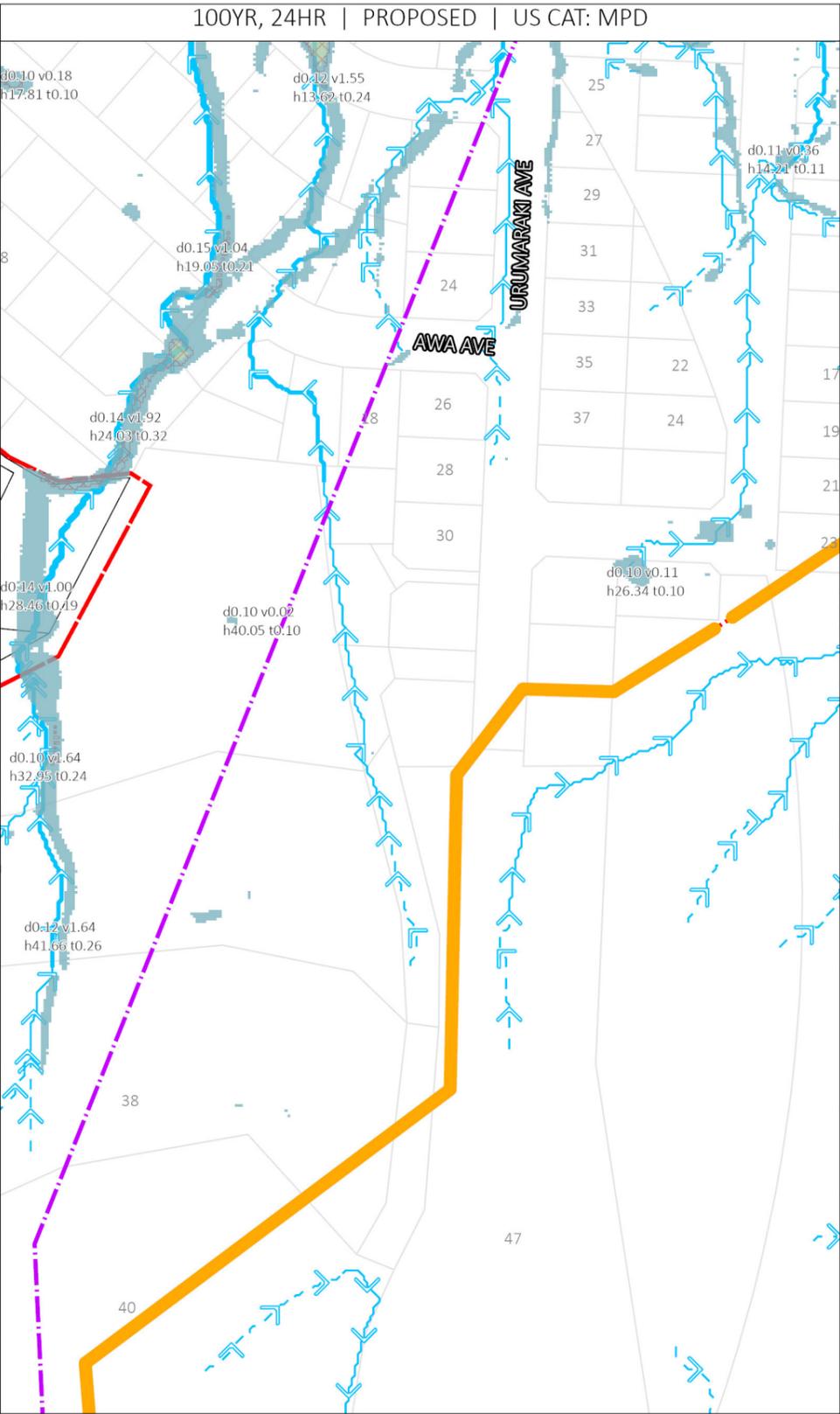
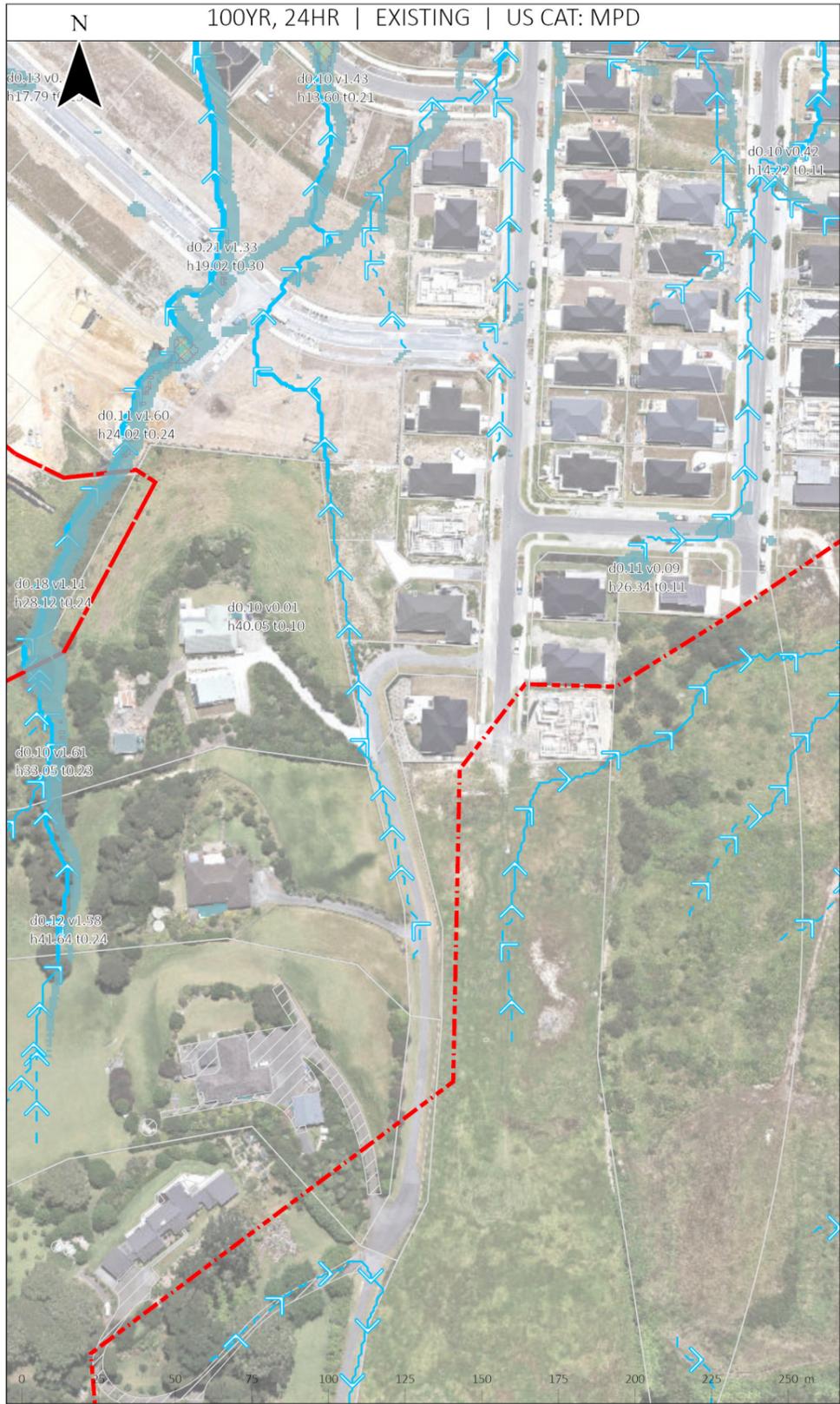
TITLE: FLOODING MODEL RESULTS
SCENARIO A1

STATUS: PRELIMINARY DESIGN

DRAWING NO: 58012

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LEGEND:

MODEL IN & OUT	OLFP	O2_Pr100yr LINKS	O2_Pr100yr SECTIONS	O2_Pr100yr SAFETY HAZARDS	O2_Pr100yr REVIEW	MAX DEPTH CHANGE (m)	O2_Pr100yr AFFLUX LABELS
Auto_QvsH	2000m2 to 4000m2	0.50-1.00m	0.00-0.05m	3.50-4.00m	LOW	-0.40--0.20m	0.05-0.20m
MODEL EXTENT	4000m2 to 1ha	1.00-1.50m	0.05-0.50m	2.00-2.50m	MEDIUM	-0.05--0.20m	0.20-0.40m
TuFlow Catchment Lengths	1ha to 3ha	1.50-2.00m		2.50-3.00m	HIGH	-0.05-0.05m	
PR. PARCELS	3ha to 100ha	2.00-2.50m		3.00-3.50m			
EX. PARCELS		2.50-3.00m					

REV#	DATE	DESCRIPTION	DESIGNER	REV#	DATE	LOGO

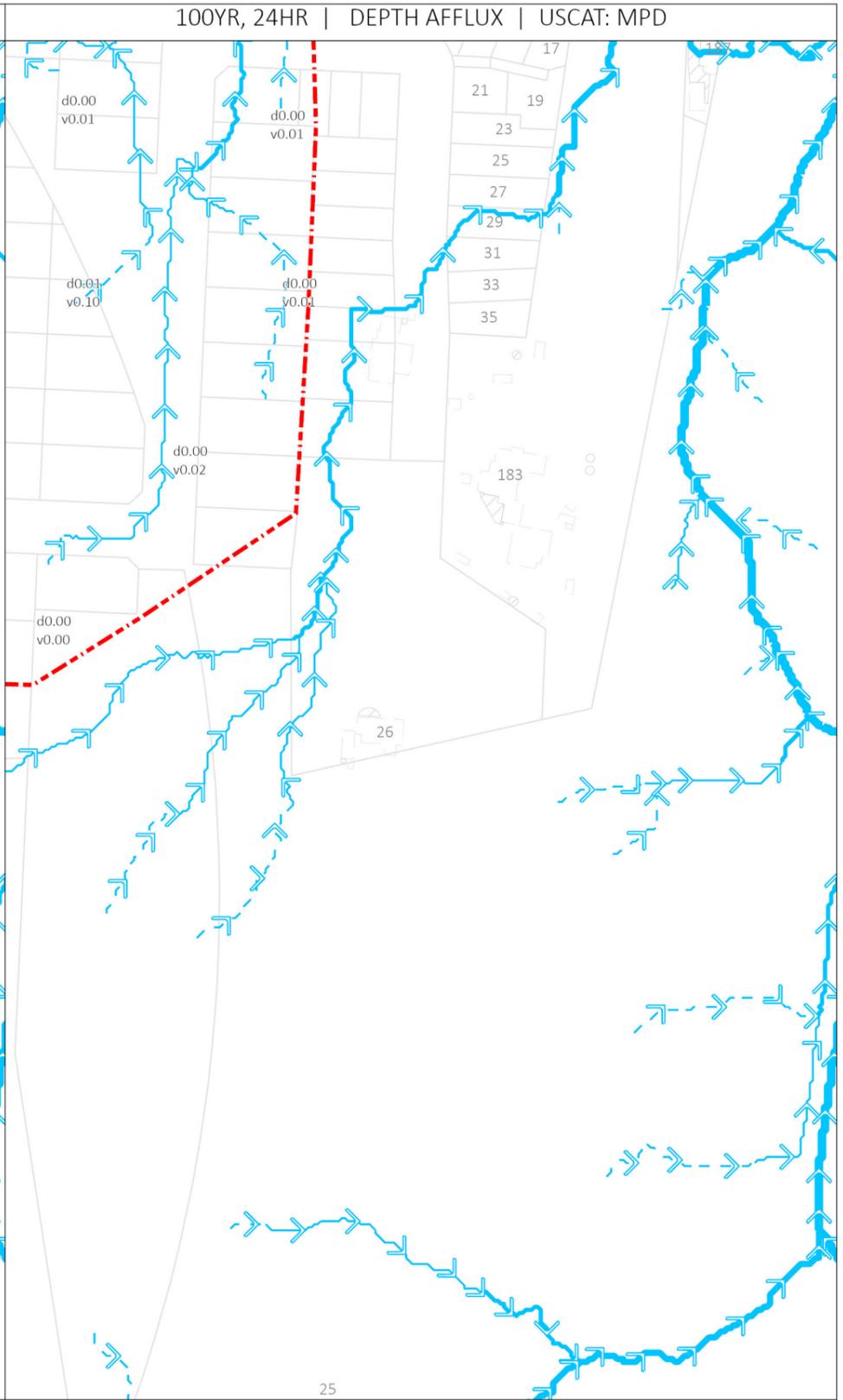
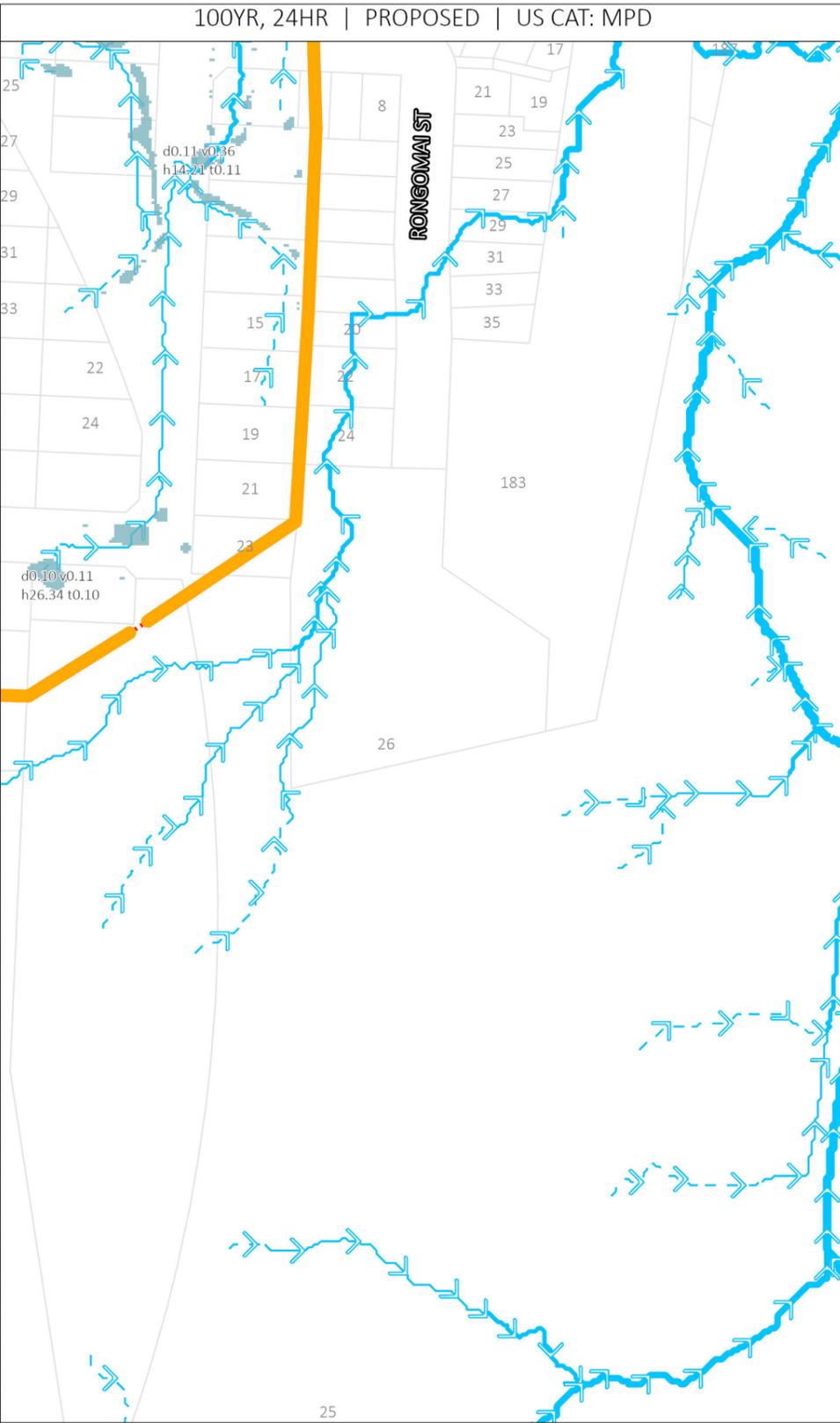
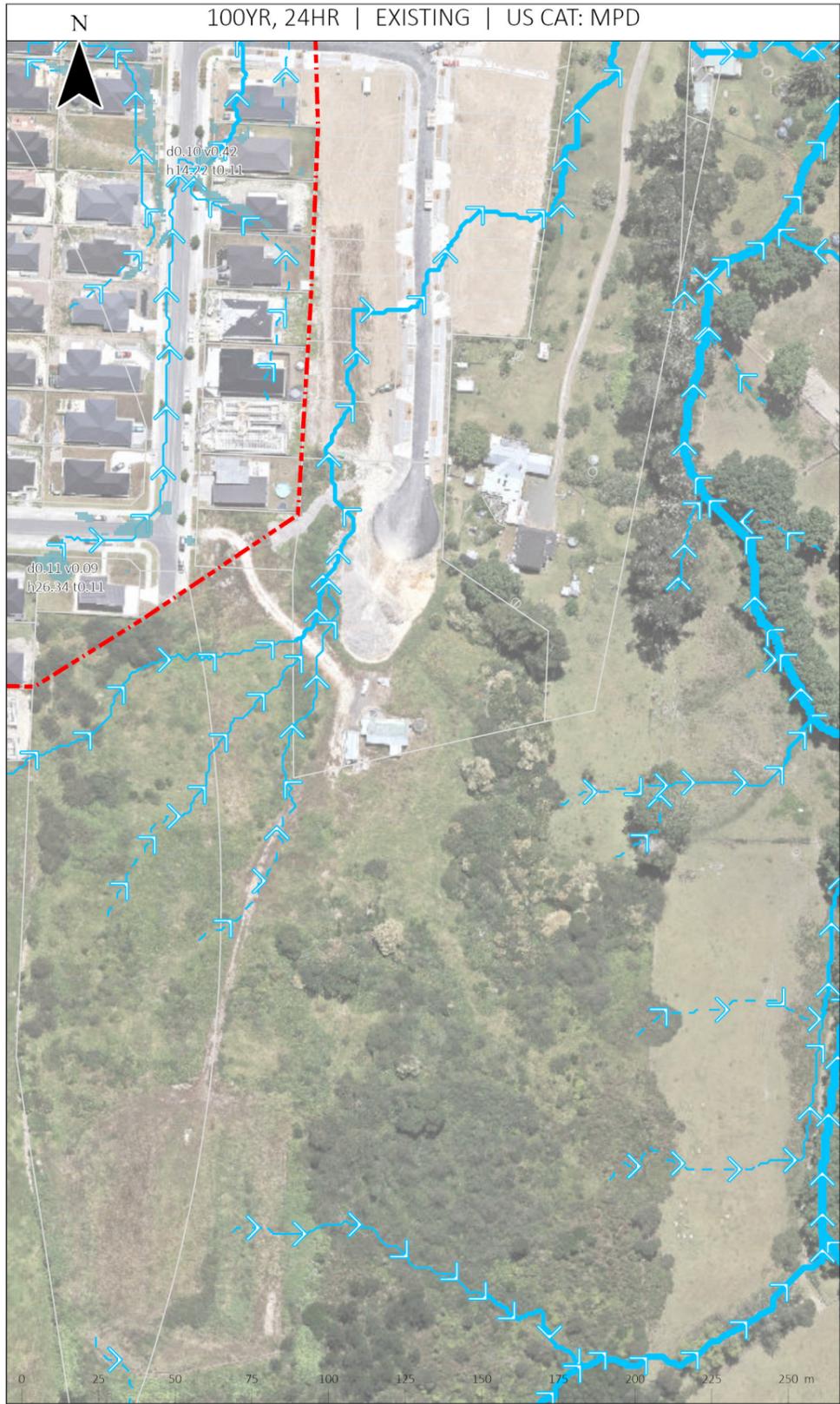


40 MAHI ROAD HELENSVILLE

FLOODING MODEL RESULTS
SCENARIO A1

STATUS: PRELIMINARY DESIGN			
DRAWING NO: 58013			
SCALE: 1:2,000	SHEET: A3	REVISION: 02/10/24	DATE: 02/10/24

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MODEL IN & OUT	1ha to 3ha	O2_Pr100yr DEPTH	1.50-2.00m	O2_Pr100yr SAFETY	O2_Pr100yr REVIEW	MAX DEPTH CHANGE (m)	0.05-0.20m
Auto_QvsH	3ha to 100ha	MAX DEPTH (m)	2.00-2.50m	HAZARDS	REV_TYPE	-0.40--0.20m	0.20-0.40m
MODEL EXTENT	100ha and above	0.00-0.05m	2.50-3.00m	PEDESTRIAN	LOW	-0.05--0.20m	O2_Pr100yr AFFLUX LABELS
OLFPP	EX. PARCELS	0.05-0.50m	3.00-3.50m	VEHICLE+PEDESTRIAN	MEDIUM	-0.05-0.05m	
2000m2 to 4000m2	O2_Pr100yr LINKS	0.50-1.00m	3.50-4.00m	HIGH	O2_Pr100yr LABELS		
4000m2 to 1ha	O2_Pr100yr SECTIONS	1.00-1.50m					

SCAN FOR 3D:

REV#	DATE	DESCRIPTION	DES.	REV#	REL.	LOGO

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PROJECT: 40 MAHI ROAD HELENSVILLE

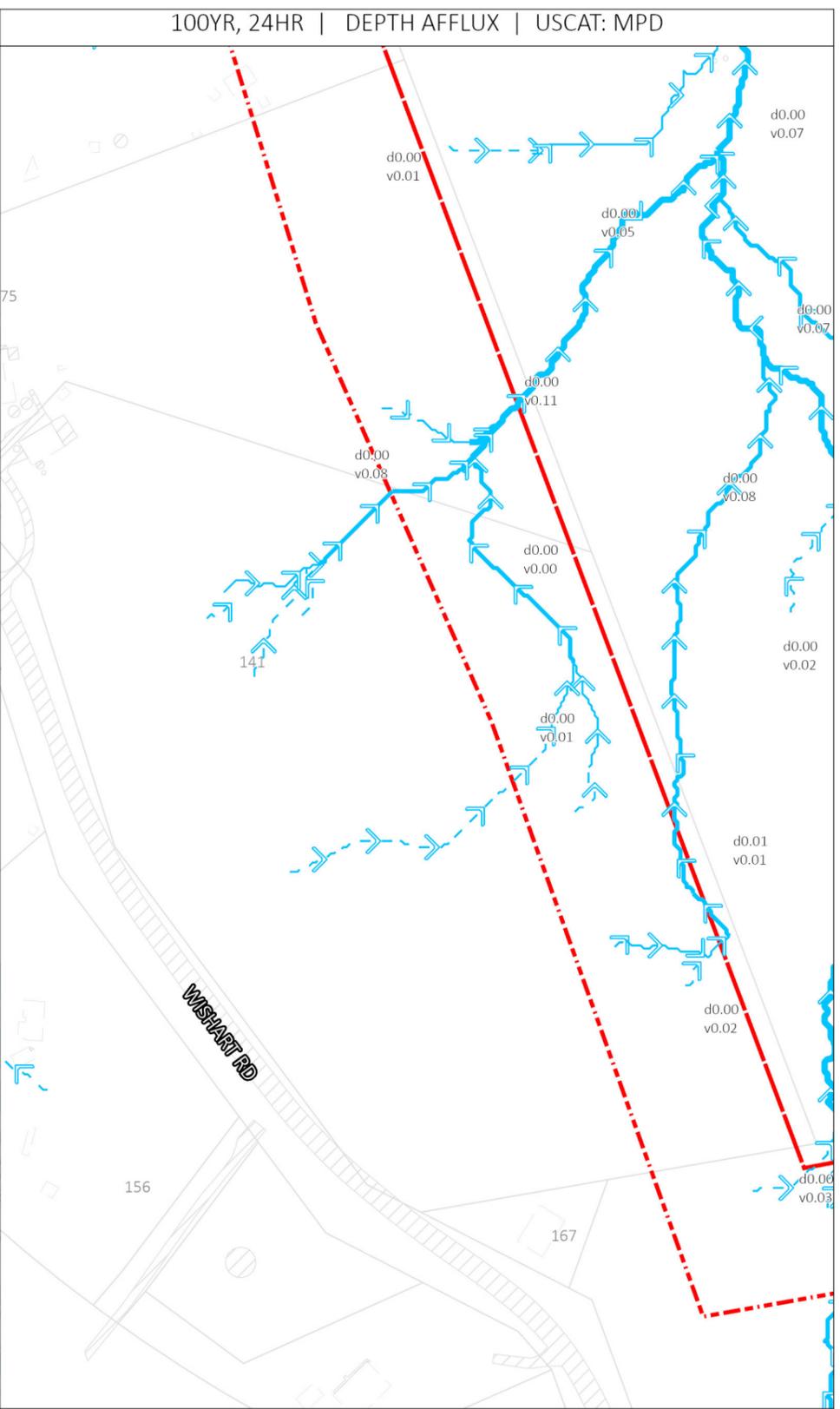
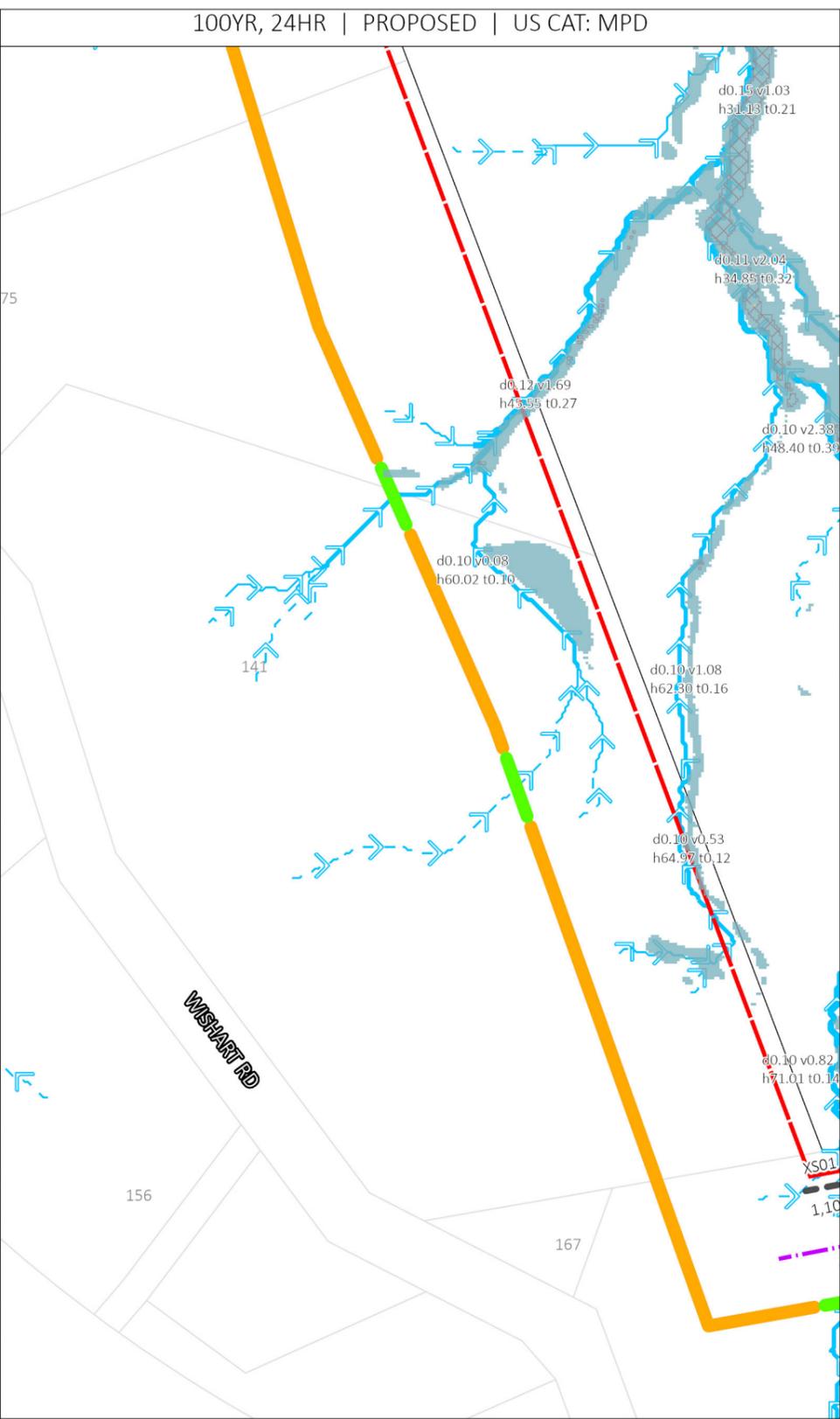
TITLE: FLOODING MODEL RESULTS SCENARIO A1

STATUS: PRELIMINARY DESIGN

DRAWING NO: 58014

SCALE: 1:2,000 SIZE: A3 REVISION: 02/10/24 DATE: 02/10/24

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IMAGERY CREDITS:
 AUCKLAND COUNCIL, MAXAR

LEGEND:

MODEL IN & OUT	OLFP	O2_Pr100yr LINKS	0.50-1.00m	3.50-4.00m	O2_Pr100yr REVIEW	MAX DEPTH CHANGE (m)	0.05-0.20m
Auto_QvsH	2000m2 to 4000m2	O2_Pr100yr SECTIONS	1.00-1.50m	O2_Pr100yr SAFETY	REV_TYPE	-0.40--0.20m	0.20-0.40m
TP108_QvsT	4000m2 to 1ha	O2_Pr100yr DEPTH	1.50-2.00m	HAZARDS	LOW	-0.05--0.20m	O2_Pr100yr AFFLUX LABELS
MODEL EXTENT	1ha to 3ha	MAX DEPTH (m)	2.00-2.50m	PEDESTRIAN	MEDIUM	-0.05-0.05m	
TuFlow Catchment Lengths	3ha to 100ha	0.00-0.05m	2.50-3.00m	VEHICLE+PEDESTRIAN	HIGH		
PR. PARCELS	EX. PARCELS	0.05-0.50m	3.00-3.50m				

SCAN FOR 3D: allsite.ci	REV: DATE: DESCRIPTION:	DES: REV: REL: LOGO:	PROJECT:	TITLE:	STATUS:
				40 MAHI ROAD HELENSVILLE	FLOODING MODEL RESULTS SCENARIO A1
					DRAWING NO:
					58015
SCALE:	SIZE:	REVISION:	DATE:		
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