

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

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

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

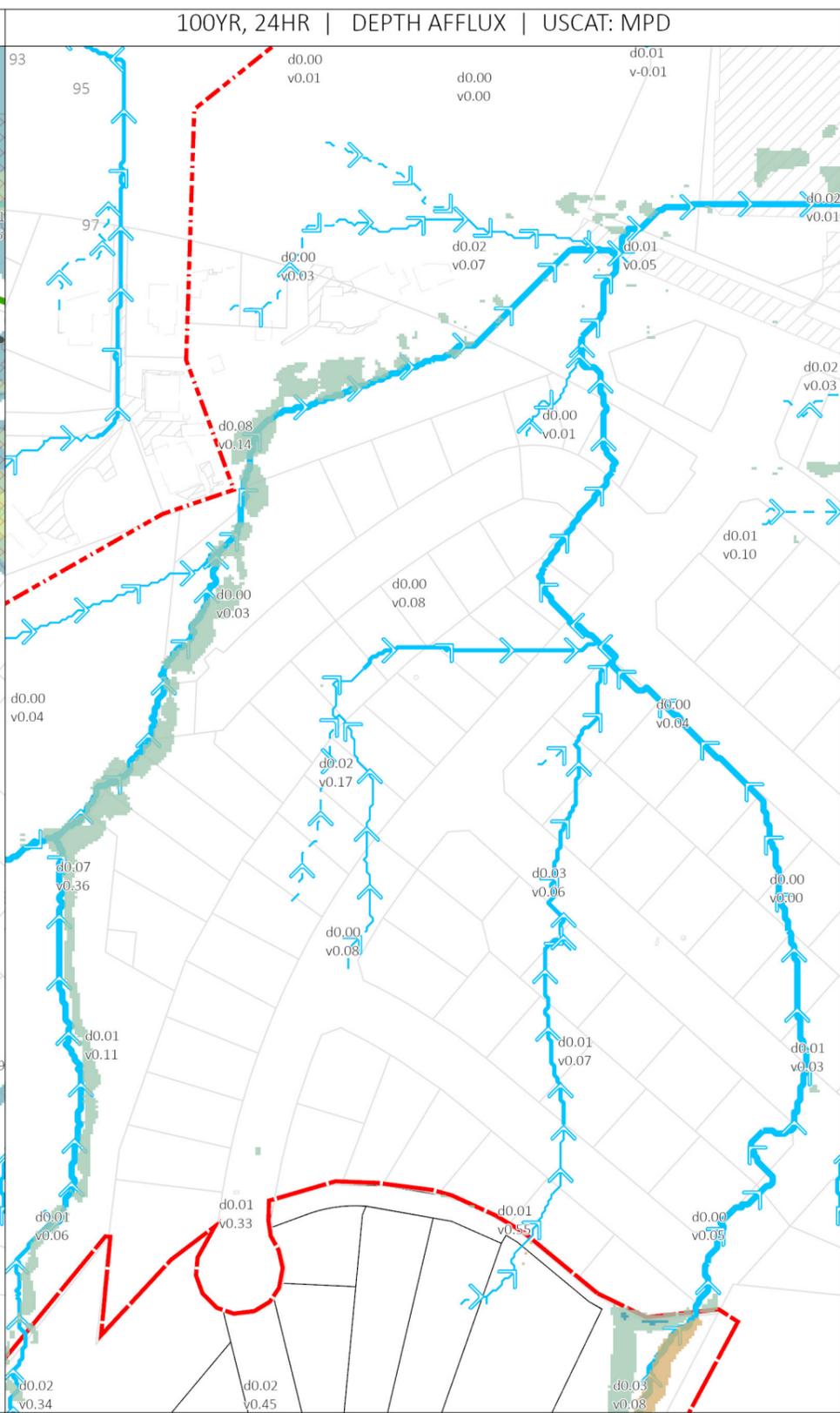
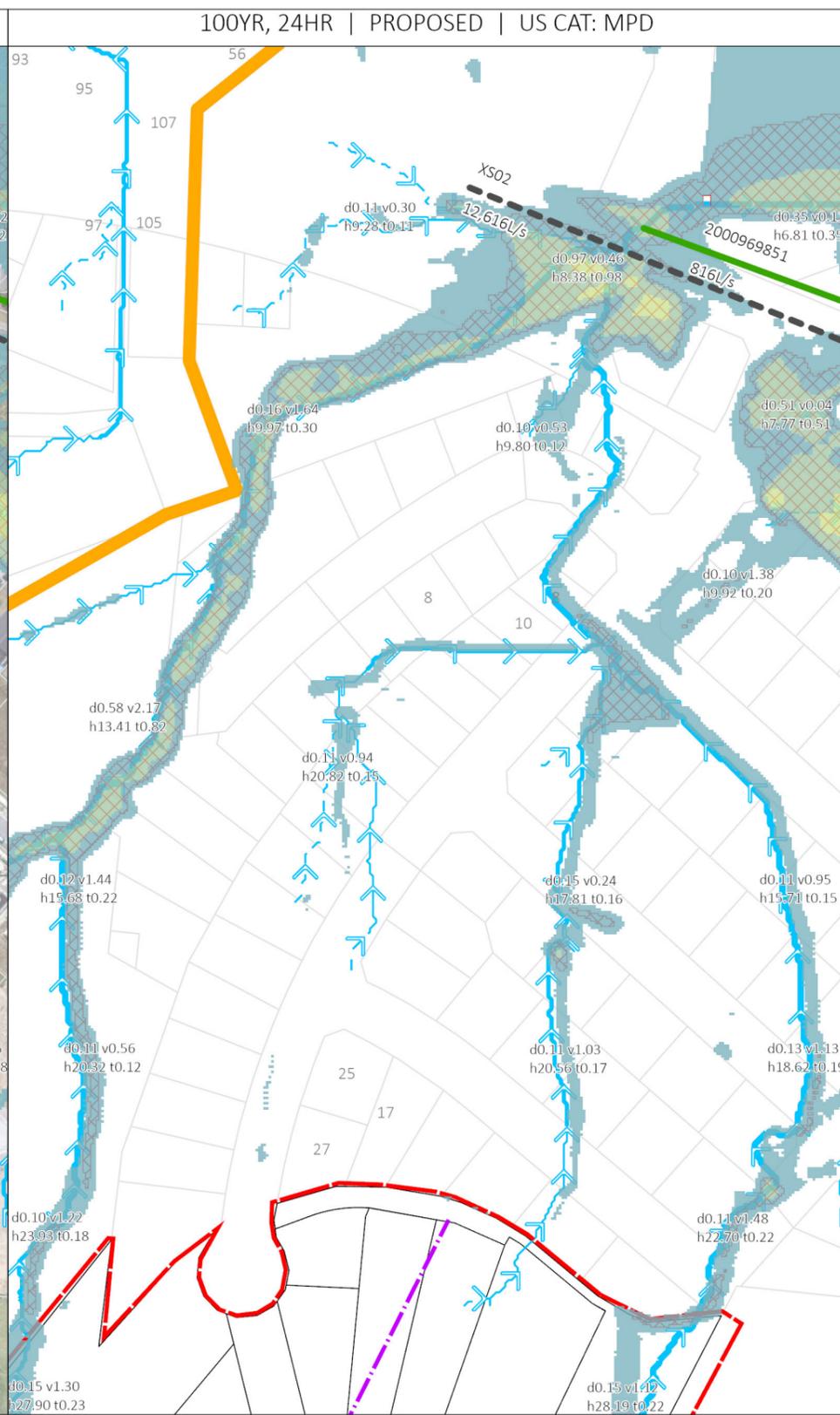
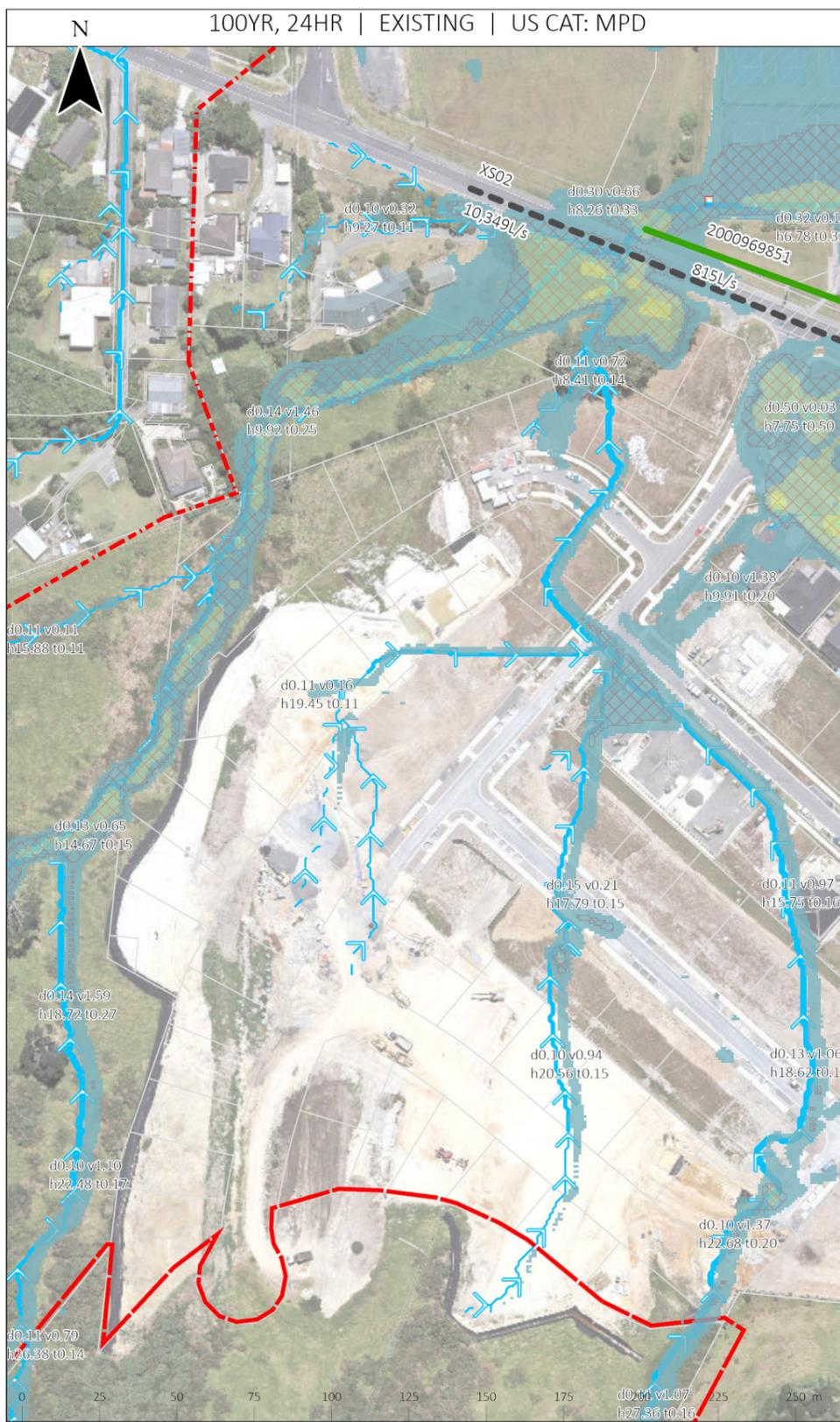


PROJECT: 40 MAHI ROAD HELENSVILLE

TITLE: FLOODING MODEL RESULTS
SCENARIO A1

STATUS: PRELIMINARY DESIGN			
DRAWING NO: 58006			
SCALE: 1:2,000	SHEET: A3	REVISION: 02/10/24	DATE: 02/10/24

THIS DRAWING AND DESIGN IS THE PROPERTY OF CIVIX LIMITED. THIS DRAWING MAY NOT BE COPIED OR ALTERED WITHOUT WRITTEN APPROVAL FROM CIVIX LIMITED. NO LIABILITY IS ACCEPTED FOR UNAUTHORISED USE OF THIS DRAWING. LEVELS ARE IN TERMS OF LAND AND SURVEY DATUM. AREAS AND MEASUREMENTS ARE SUBJECT TO SURVEY.



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	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
	MODEL EXTENT	4000m2 to 1ha	O2_Pr100yr DEPTH	1.50-2.00m	HAZARDS	LOW	-0.05--0.20m	O2_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

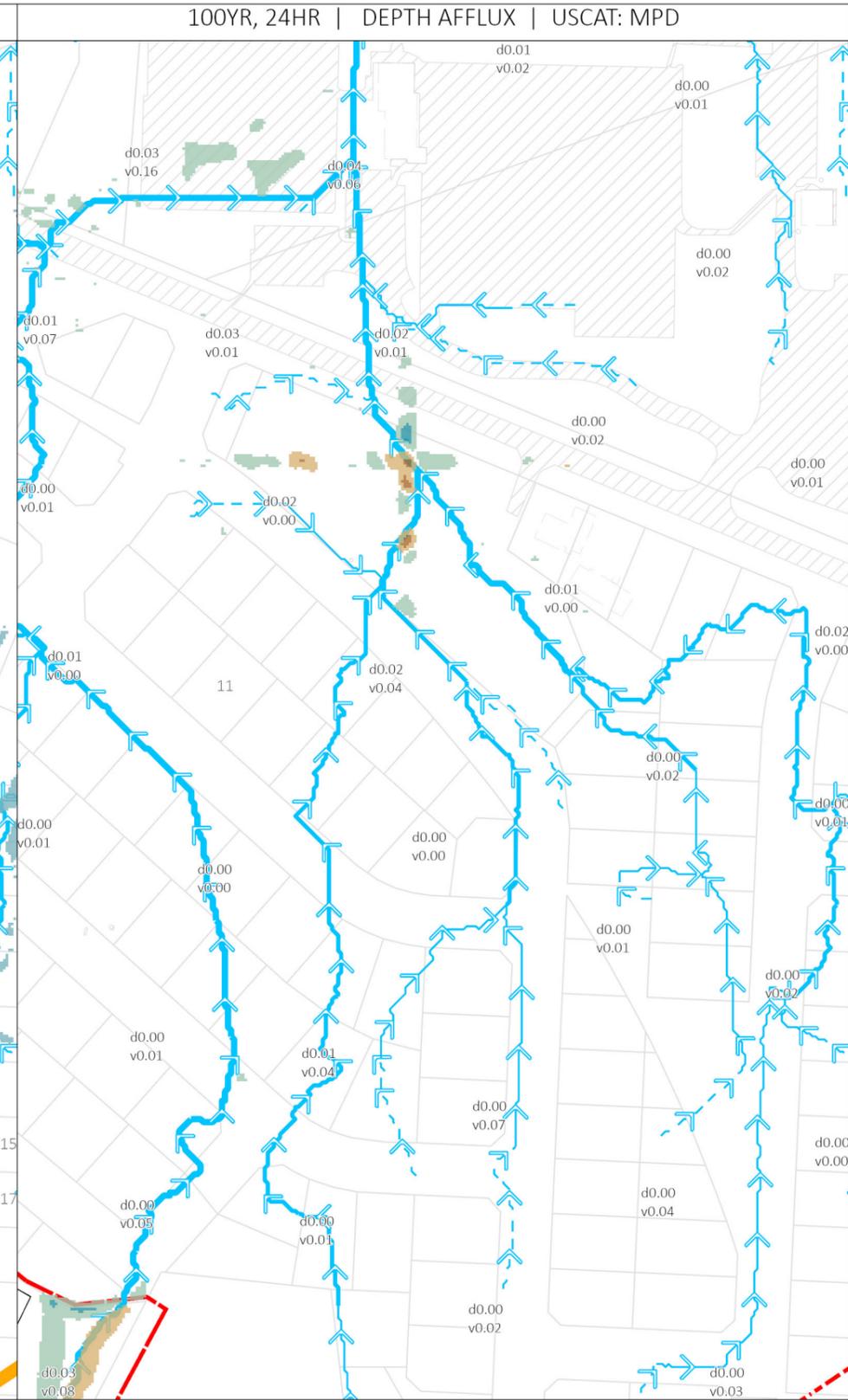
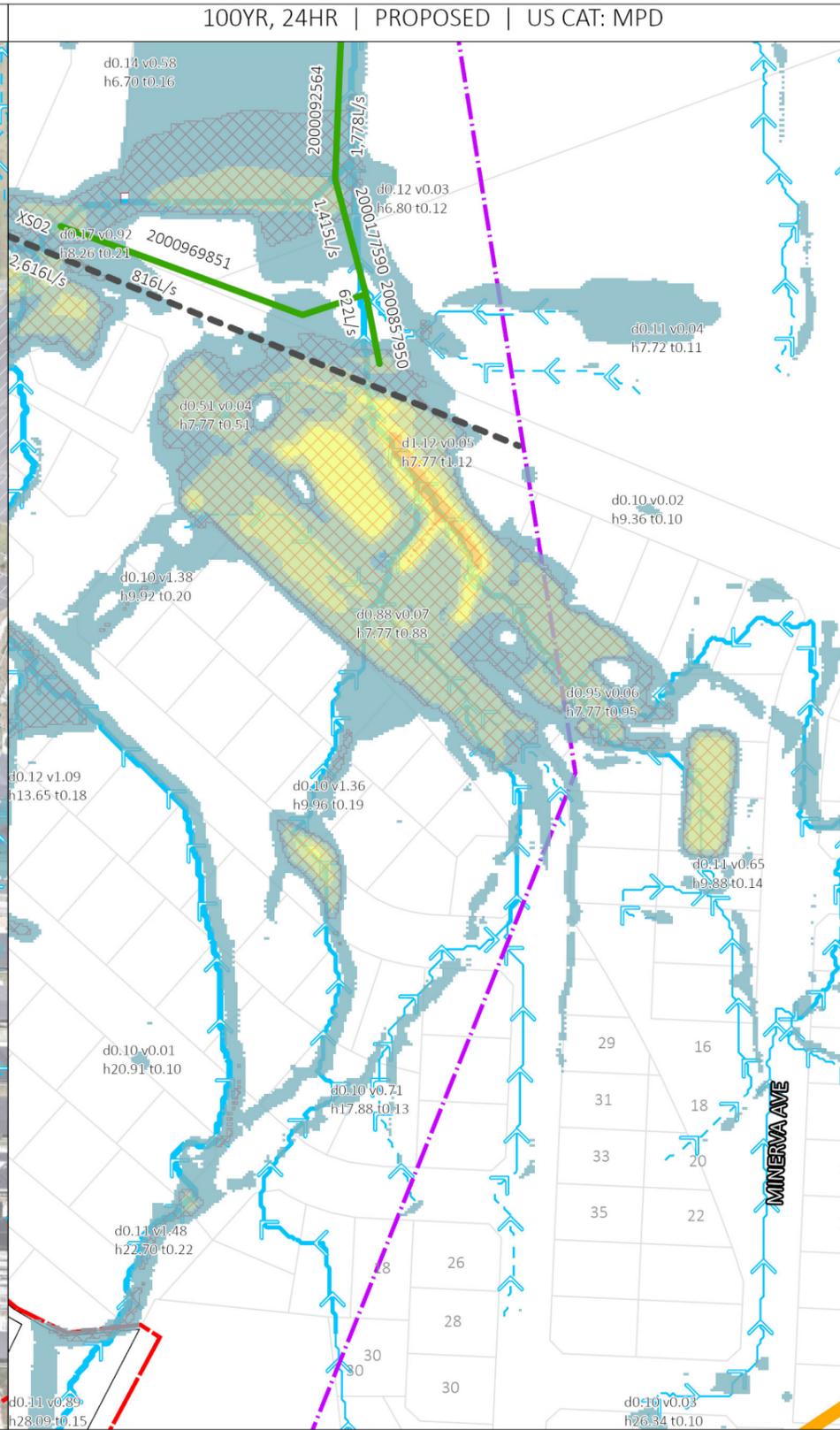
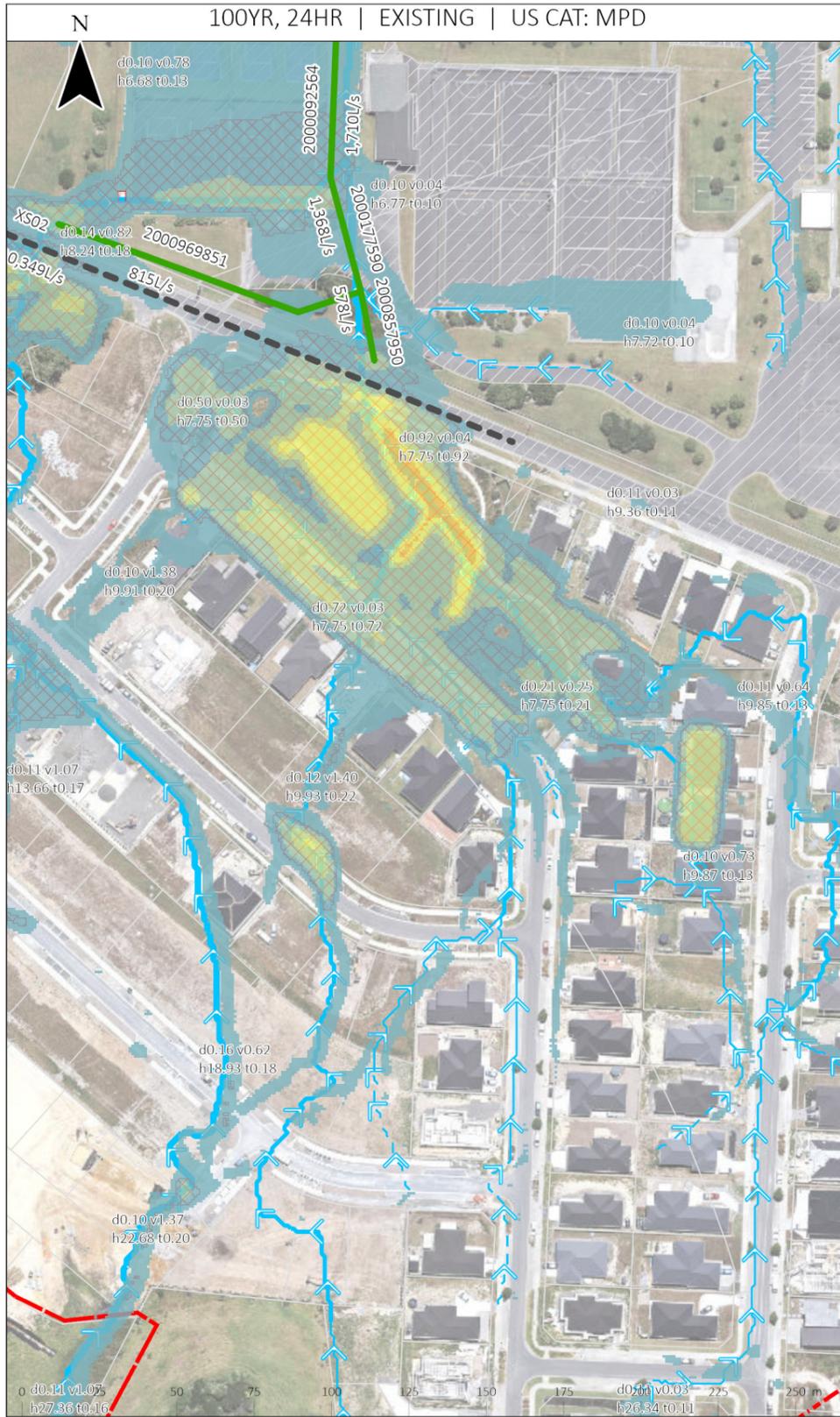


40 MAHI ROAD HELENSVILLE

FLOODING MODEL RESULTS
SCENARIO A1

STATUS: PRELIMINARY DESIGN			
DRAWING NO: 58007			
SCALE: 1:2,000	SIE: A3	REVISION: 02/10/24	DATE: 02/10/24

THIS DRAWING AND DESIGN IS THE PROPERTY OF CIVIX LIMITED. THIS DRAWING MAY NOT BE COPIED OR ALTERED WITHOUT WRITTEN APPROVAL FROM CIVIX LIMITED. NO LIABILITY IS ACCEPTED FOR UNAUTHORISED USE OF THIS DRAWING. LEVELS ARE IN TERMS OF LAND AND SURVEY DATUM. AREAS AND MEASUREMENTS ARE SUBJECT TO SURVEY.



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

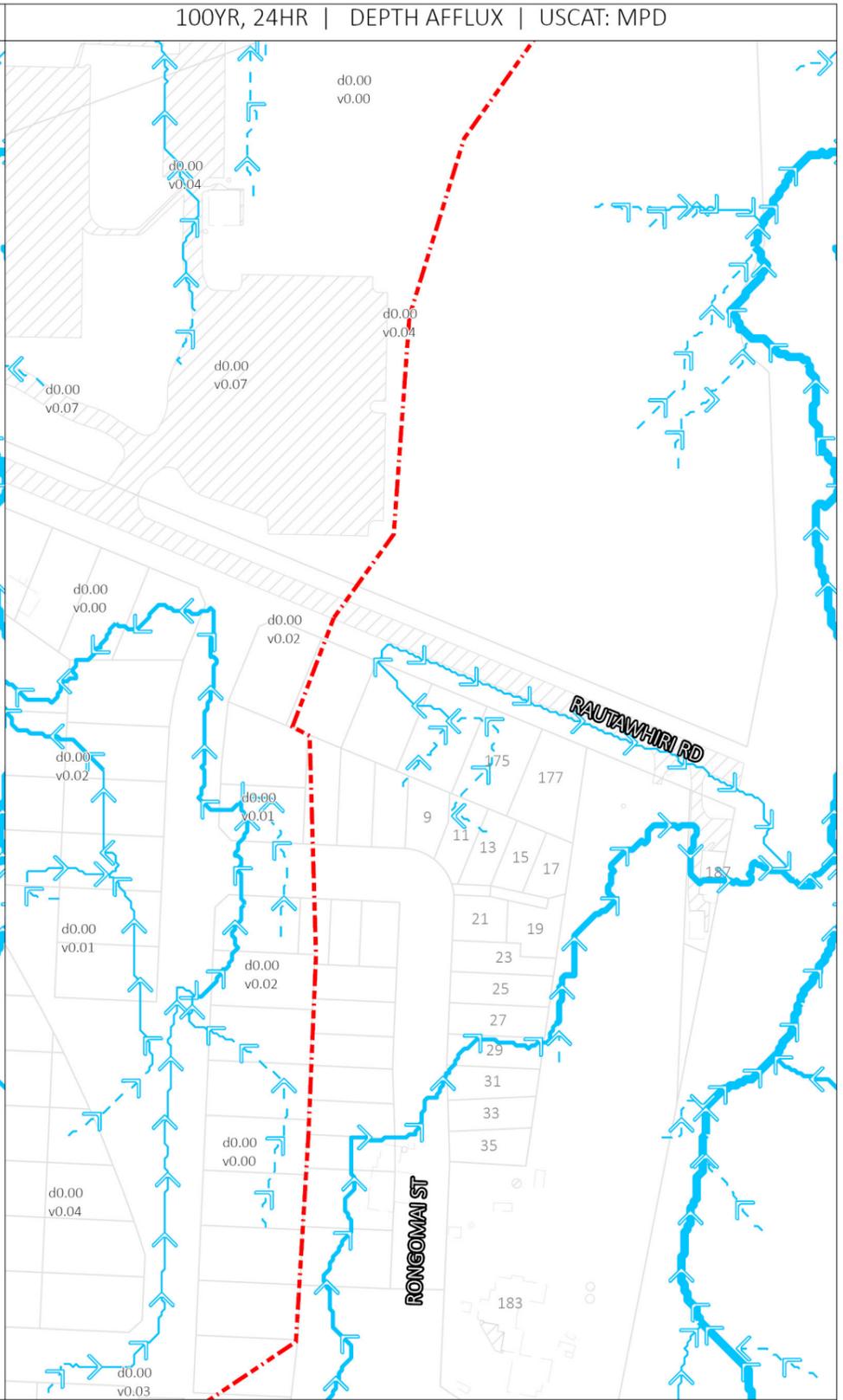
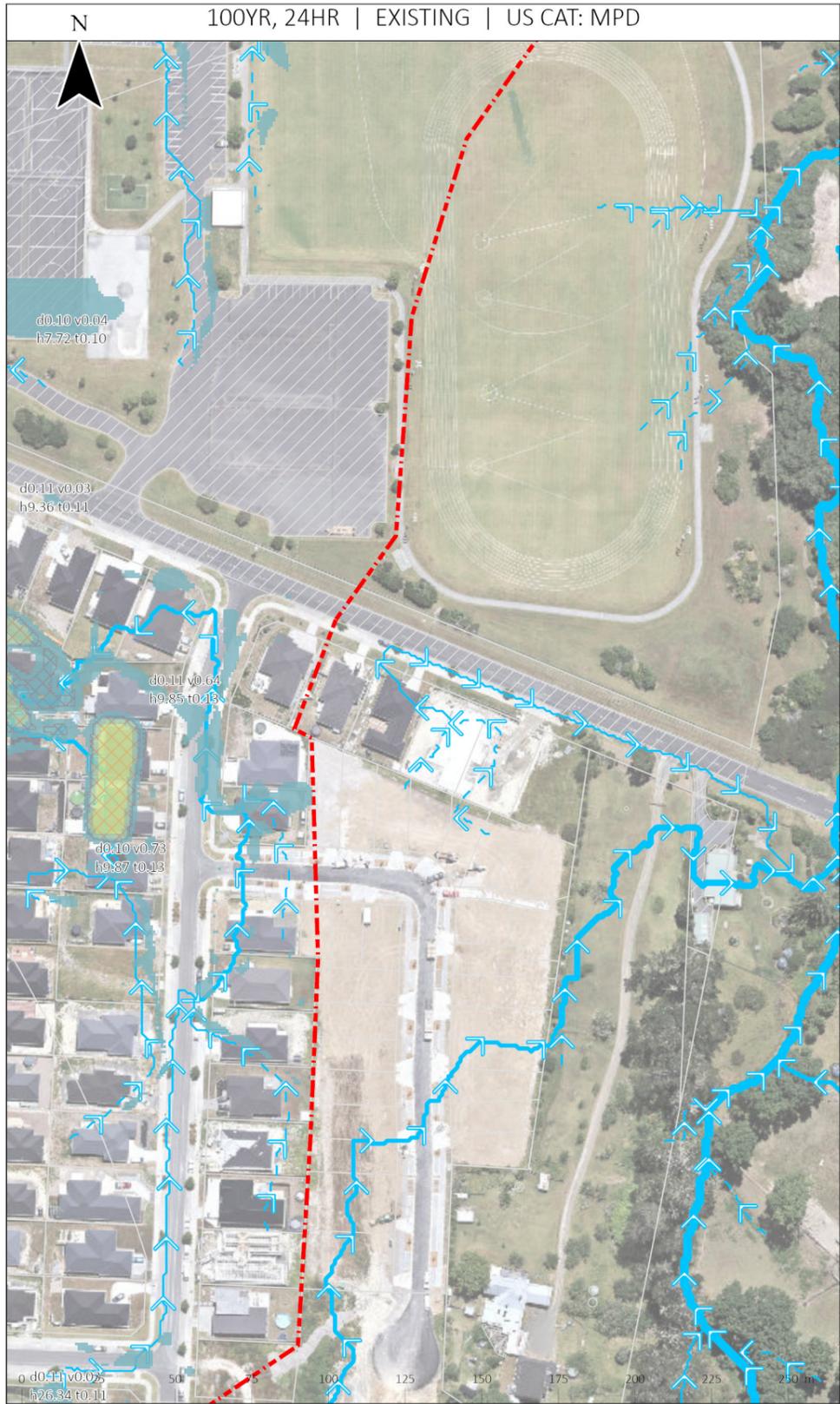


40 MAHI ROAD HELENSVILLE

FLOODING MODEL RESULTS
SCENARIO A1

STATUS: PRELIMINARY DESIGN			
DRAWING NO: 58008			
SCALE: 1:2,000	SIE: A3	REVISION: 02/10/24	DATE: 02/10/24

THIS DRAWING AND DESIGN IS THE PROPERTY OF CIVIX LIMITED. THIS DRAWING MAY NOT BE COPIED OR ALTERED WITHOUT WRITTEN APPROVAL FROM CIVIX LIMITED. NO LIABILITY IS ACCEPTED FOR UNAUTHORISED USE OF THIS DRAWING. LEVELS ARE IN TERMS OF LAND AND SURVEY DATUM. AREAS AND MEASUREMENTS ARE SUBJECT TO SURVEY.

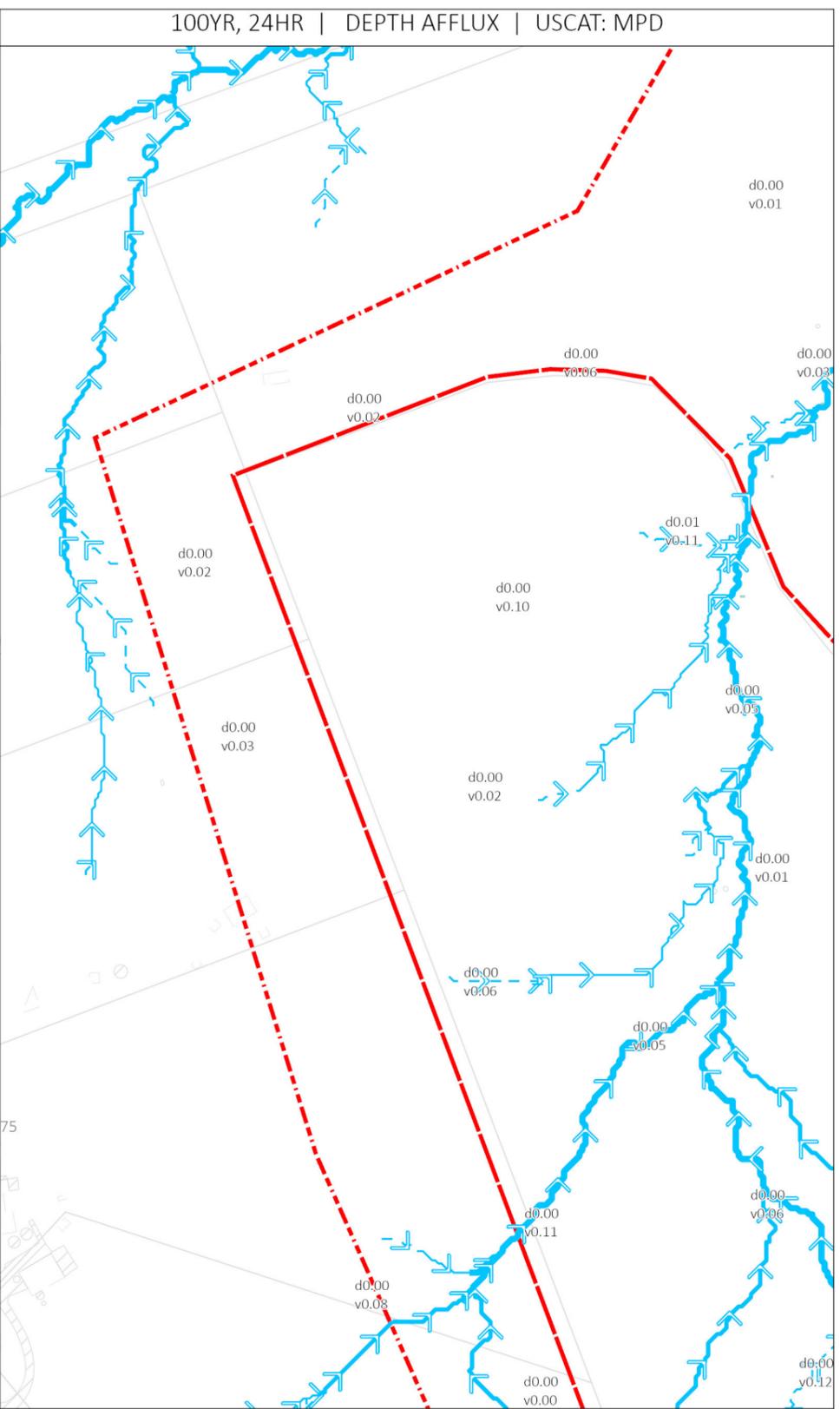
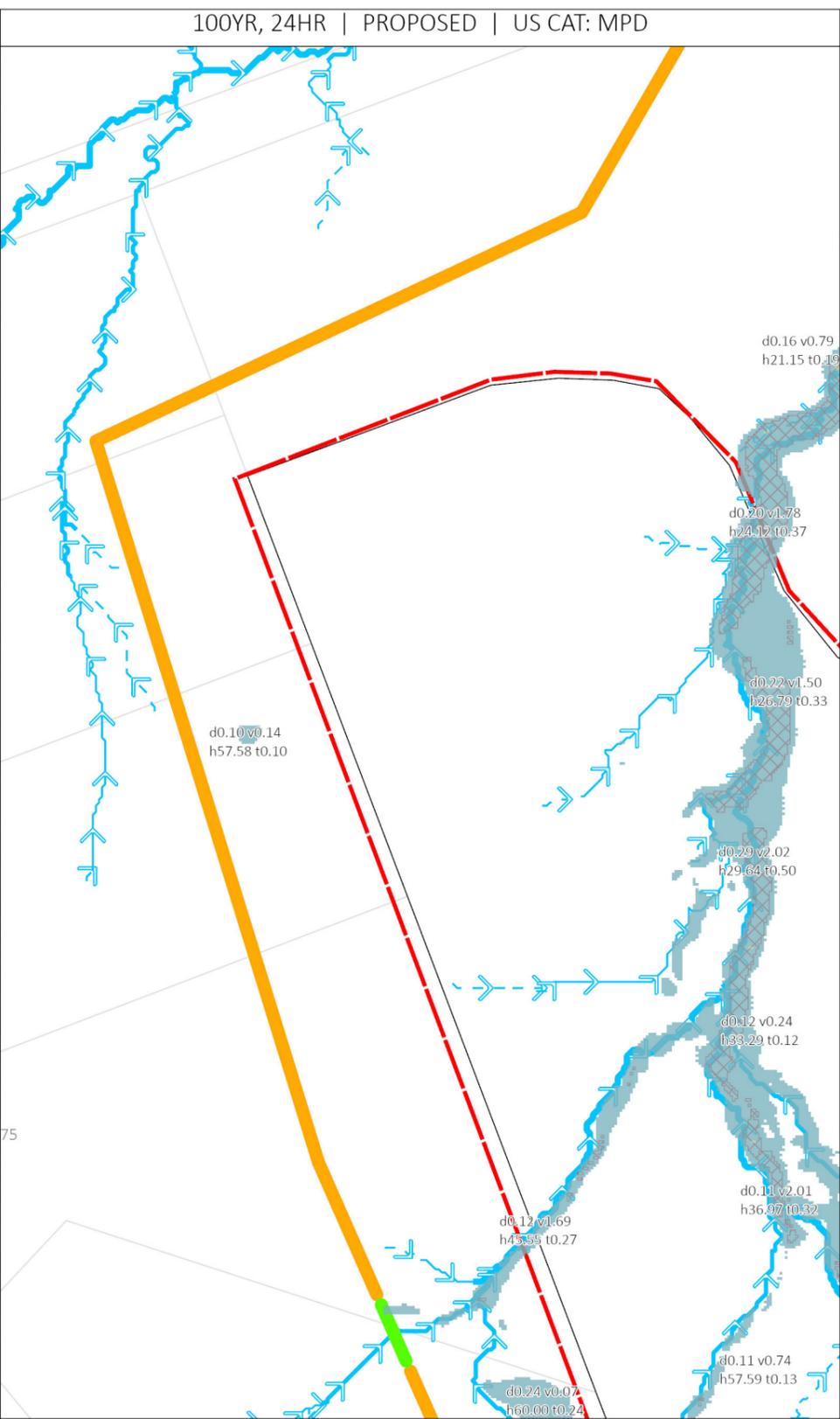


GENERAL NOTES:
 1. MODELLING CARRIED OUT IN TUFLOW
 2. FLOW DEPTHS SHOW IN FLOOD DEPTH PLANS EXCLUDE DEPTHS < 0.05M
 3. AFFLUX DEPTH CHANGES EXCLUDE CHANGES WITHIN -0.05M TO 0.05M.

IMAGERY CREDITS:
 AUCKLAND COUNCIL, MAXAR

MODEL IN & OUT	1ha to 3ha	3ha to 100ha	100ha and above	MODEL EXTENT	MODEL EXTENT	OLFP	2000m2 to 4000m2	4000m2 to 1ha	O2_Pr100yr LINKS	O2_Pr100yr SECTIONS	O2_Pr100yr DEPTH	0.00-0.05m	0.05-0.50m	0.50-1.00m	1.00-1.50m	O2_Pr100yr SAFETY HAZARDS	PEDESTRIAN	VEHICLE+PEDESTRIAN	O2_Pr100yr REVIEW	LOW	MEDIUM	HIGH	MAX DEPTH CHANGE (m)	-0.40--0.20m	-0.05--0.20m	-0.05-0.05m	O2_Pr100yr AFFLUX LABELS	0.05-0.20m	0.20-0.40m
---------------------------	------------	--------------	-----------------	---------------------	--------------	-------------	------------------	---------------	------------------	---------------------	-------------------------	------------	------------	------------	------------	----------------------------------	------------	--------------------	--------------------------	-----	--------	------	-----------------------------	--------------	--------------	-------------	---------------------------------	------------	------------

SCAN FOR 3D: 	REV:	DATE:	DESCRIPTION:	DES:	REV:	REL:	LOGG:		PROJECT: 40 MAHI ROAD HELENSVILLE	TITLE: FLOODING MODEL RESULTS SCENARIO A1	STATUS: PRELIMINARY DESIGN	
	DRAWING NO:		58009									
	SCALE:	1:2,000	SIE:	A3	REVISION:	02/10/24	DATE:					02/10/24
	<small>THIS DRAWING AND DESIGN IS THE PROPERTY OF CIVIX LIMITED. THIS DRAWING MAY NOT BE COPIED OR ALTERED WITHOUT WRITTEN APPROVAL FROM CIVIX LIMITED. NO LIABILITY IS ACCEPTED FOR UNAUTHORISED USE OF THIS DRAWING. LEVELS ARE IN TERMS OF LAND AND SURVEY DATUM. AREAS AND MEASUREMENTS ARE SUBJECT TO SURVEY.</small>											



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

SCAN FOR 3D: 	REV:	DATE:	DESCRIPTION:	DES:	REV:	REL:	LOGG:		PROJECT: 40 MAHI ROAD HELENSVILLE	TITLE: FLOODING MODEL RESULTS SCENARIO A1	STATUS: PRELIMINARY DESIGN
	DRAWING NO:	58010		SCALE:	SIE:	REVISION:	DATE:				
	1:2,000	A3	02/10/24	02/10/24							

THIS DRAWING AND DESIGN IS THE PROPERTY OF CIVIX LIMITED. THIS DRAWING MAY NOT BE COPIED OR ALTERED WITHOUT WRITTEN APPROVAL FROM CIVIX LIMITED. NO LIABILITY IS ACCEPTED FOR UNAUTHORISED USE OF THIS DRAWING. LEVELS ARE IN TERMS OF LAND AND SURVEY DATUM. AREAS AND MEASUREMENTS ARE SUBJECT TO SURVEY.