PROPOOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELEOPMENT

114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

FLOOD IMPACT RISK ASSESSMENT (FIRA)

DRAWING LIST:

DRAWING NO.	DRAWING TITLE
C010628.01-F100	DRAWING LIST & LOCALITY PLAN
C010628.01-F110	FLOOD MODEL CATCHMENT PLAN
C010628.01-F120	PRE-DEVELOPMENT FLOOD MODEL SETUP PLAN
C010628.01-F121	POST-DEVELOPMENT FLOOD MODEL SETUP PLAN
C010628.01-F150	FLOOD BEHAVIOUR PLAN
C010628.01-F220	5% AEP PRE-DEVELOPMENT FLOOD LEVELS & DEPTHS PLAN
C010628.01-F221	5% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN
C010628.01-F222	5% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN
C010628.01-F230	1% AEP PRE-DEVELOPMENT FLOOD LEVELS & DEPTHS PLAN
C010628.01-F231	1% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN
C010628.01-F232	1% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN
C010628.01-F240	0.5% AEP PRE-DEVELOPMENT FLOOD LEVELS & DEPTHS PLAN
C010628.01-F241	0.5% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN
C010628.01-F242	0.5% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN
C010628.01-F250	0.2% AEP PRE-DEVELOPMENT FLOOD LEVELS & DEPTHS PLAN
C010628.01-F251	0.2% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN
C010628.01-F252	0.2% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN
C010628.01-F260	PMF PRE-DEVELOPMENT FLOOD LEVELS & DEPTHS PLAN
C010628.01-F261	PMF PRE-DEVELOPMENT FLOOD VELOCITY PLAN
C010628.01-F262	PMF PRE-DEVELOPMENT FLOOD HAZARD PLAN

DRAWING NO.	DRAWING TITLE
C010628.01-F320	5% AEP POST-DEVELOPMENT FLOOD LEVELS & DEPTHS PLAN
C010628.01-F321	5% AEP POST-DEVELOPMENT FLOOD VELOCITY PLAN
C010628.01-F322	5% AEP POST-DEVELOPMENT FLOOD HAZARD PLAN
C010628.01-F330	1% AEP POST-DEVELOPMENT FLOOD LEVELS & DEPTHS PLAN
C010628.01-F331	1% AEP POST-DEVELOPMENT FLOOD VELOCITY PLAN
C010628.01-F332	1% AEP POST-DEVELOPMENT FLOOD HAZARD PLAN
C010628.01-F340	0.5% AEP POST-DEVELOPMENT FLOOD LEVELS & DEPTHS PLAN
C010628.01-F341	0.5% AEP POST-DEVELOPMENT FLOOD VELOCITY PLAN
C010628.01-F342	0.5% AEP POST-DEVELOPMENT FLOOD HAZARD PLAN
C010628.01-F350	0.2% AEP POST-DEVELOPMENT FLOOD LEVELS & DEPTHS PLAN
C010628.01-F351	0.2% AEP POST-DEVELOPMENT FLOOD VELOCITY PLAN
C010628.01-F352	0.2% AEP POST-DEVELOPMENT FLOOD HAZARD PLAN
C010628.01-F360	PMF POST-DEVELOPMENT FLOOD LEVELS & DEPTHS PLAN
C010628.01-F361	PMF POST-DEVELOPMENT FLOOD VELOCITY PLAN
C010628.01-F362	PMF POST-DEVELOPMENT FLOOD HAZARD PLAN
C010628.01-F520	5% AEP FLOOD LEVEL AFFLUX PLAN
C010628.01-F521	5% AEP FLOOD VELOCITY AFFLUX PLAN
C010628.01-F530	1% AEP FLOOD LEVEL AFFLUX PLAN
C010628.01-F531	1% AEP FLOOD VELOCITY AFFLUX PLAN
C010628.01-F540	0.5% AEP FLOOD LEVEL AFFLUX PLAN
C010628.01-F541	0.5% AEP FLOOD VELOCITY AFFLUX PLAN
C010628.01-F550	0.2% AEP FLOOD LEVEL AFFLUX PLAN
C010628.01-F551	0.2% AEP FLOOD VELOCITY AFFLUX PLAN
C010628.01-F560	PMF FLOOD LEVEL AFFLUX PLAN
C010628.01-F561	PMF FLOOD VELOCITY AFFLUX PLAN

LOCALITY PLAN
NTS

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

ARCHITECT

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CENTENNIAL

PROJECT
PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F100

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DRAWING TITLE
DRAWING LIST & LOCALITY PLAN

DRAWING No C010628.01-F100

ISSUE A

FLOOD MODEL CATCHMENT PLAN
SCALE 1:1000

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

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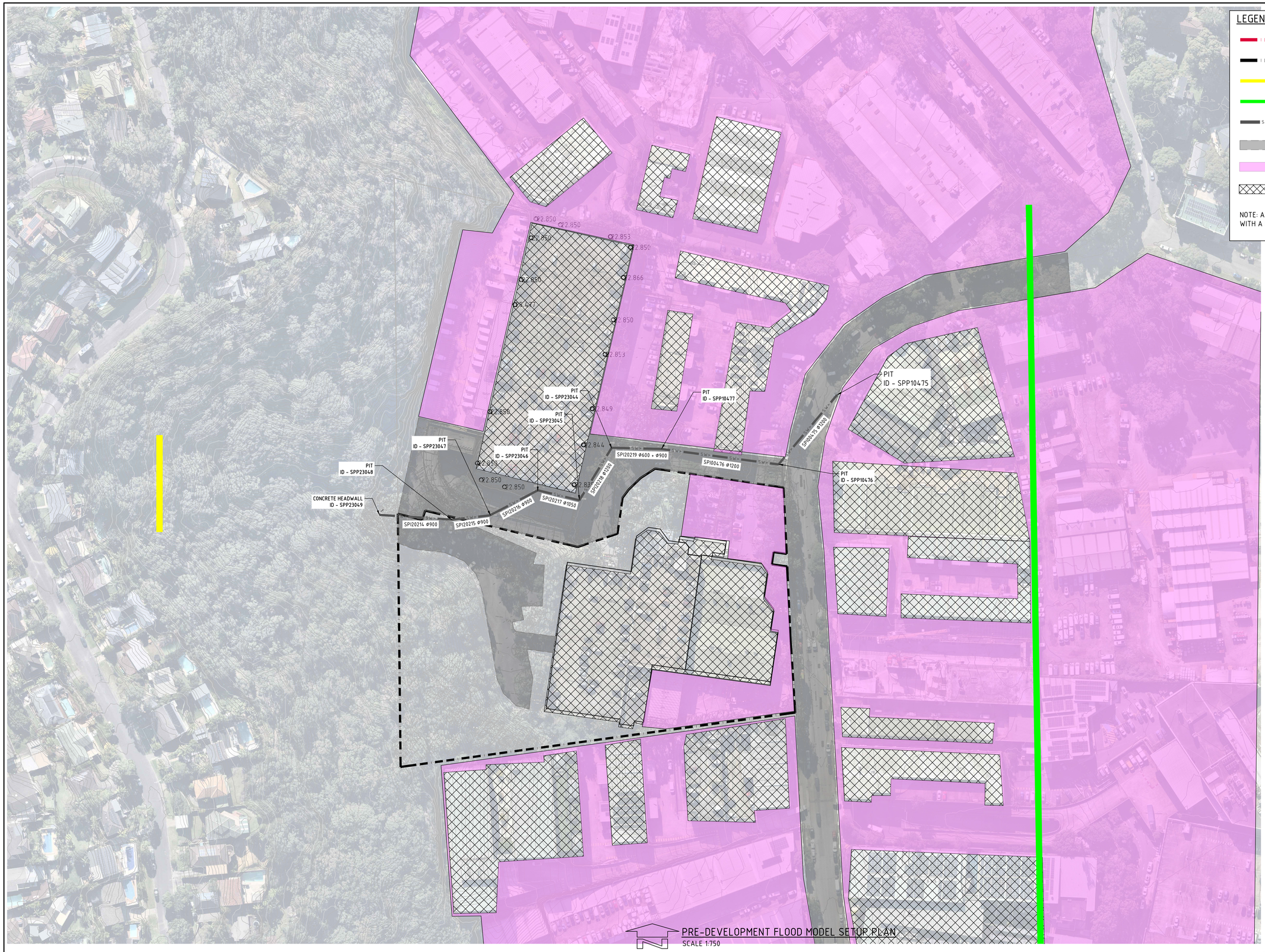
DRAWING TITLE
FLOOD MODEL CATCHMENT PLAN

DRAWING No	ISSUE
C010628.01-F 110	A



PRE-DEVELOPMENT FLOOD MODEL SETUP PLAN
SCALE 1:750

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A			
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DRAWING TITLE
PRE-DEVELOPMENT FLOOD MODEL SETUP PLAN

DRAWING No C010628.01-F120
ISSUE A

FOR DEVELOPMENT APPLICATION

ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A
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AMENDMENTS	DATE	ISSUE

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114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F121

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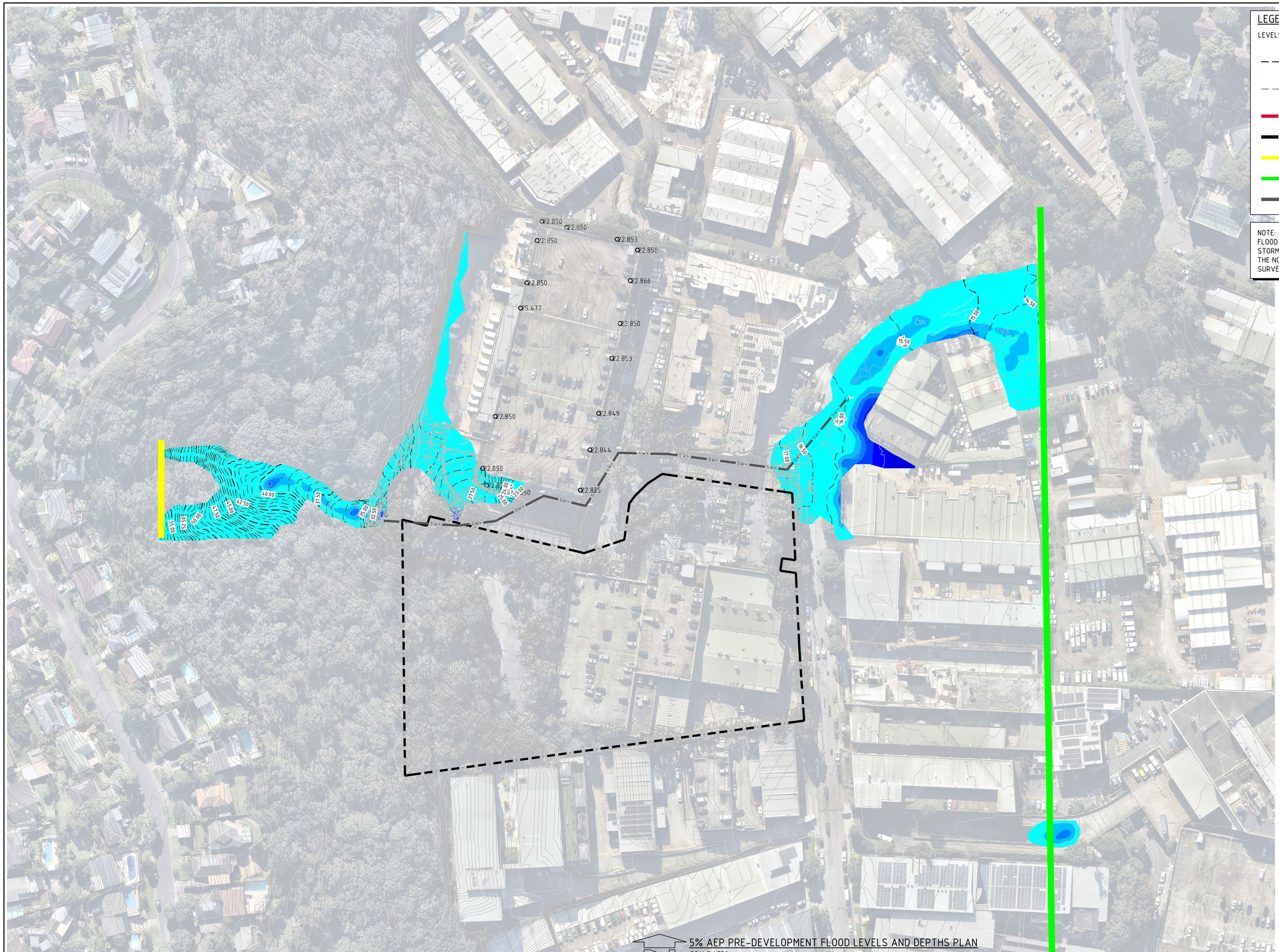
DRAWING TITLE
POST-DEVELOPMENT FLOOD MODEL SETUP PLAN

DRAWING No C010628.01-F121

ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- 30.00 – FLOOD LEVEL CONTOUR (MAJOR) 1m INTERVALS
- 30.50 – FLOOD LEVEL CONTOUR (MINOR) 0.5m INTERVALS
- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- SW> – STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

5% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN

SCALE 1:750

FLOOD DEPTH (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.200	
2	0.200	0.400	
3	0.400	0.600	
4	0.600	0.800	
5	0.800	1.000	
6	1.000	1.500	
7	1.500	2.000	
8	2.000	2.500	
9	2.500	5.000	

6m 0 15 30 45 60 75m

SCALE 1:750 AT B1 SIZE SHEET

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114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

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TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F220

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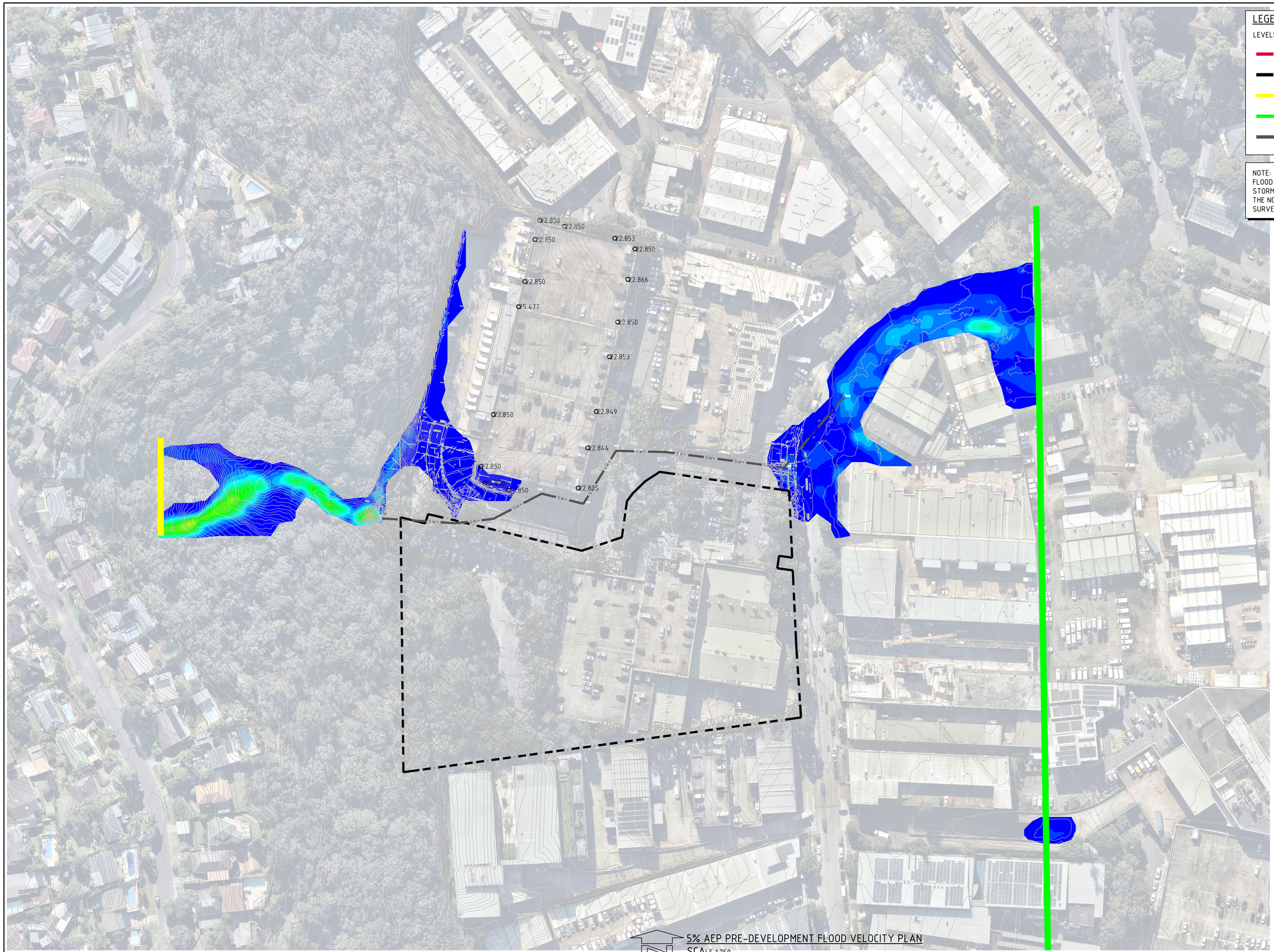
DRAWING TITLE
5% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN

DRAWING No C010628.01-F 220

ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

FLOOD VELOCITY (m/s)

No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.250	
2	0.250	0.500	
3	0.500	0.750	
4	0.750	1.000	
5	1.000	1.250	
6	1.250	1.500	
7	1.500	1.750	
8	1.750	2.000	
9	2.000	2.250	
10	2.250	2.500	
11	2.500	2.750	
12	2.750	3.000	
13	3.000	3.250	
14	3.250	3.500	
15	3.500	3.750	
16	3.750	4.000	
17	4.000	4.250	
18	4.250	4.500	
19	4.500	4.750	
20	4.750	5.000	

5% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN
SCALE 1:750

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

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FOR INDUSTRIAL DEVELEOPMENT
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DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
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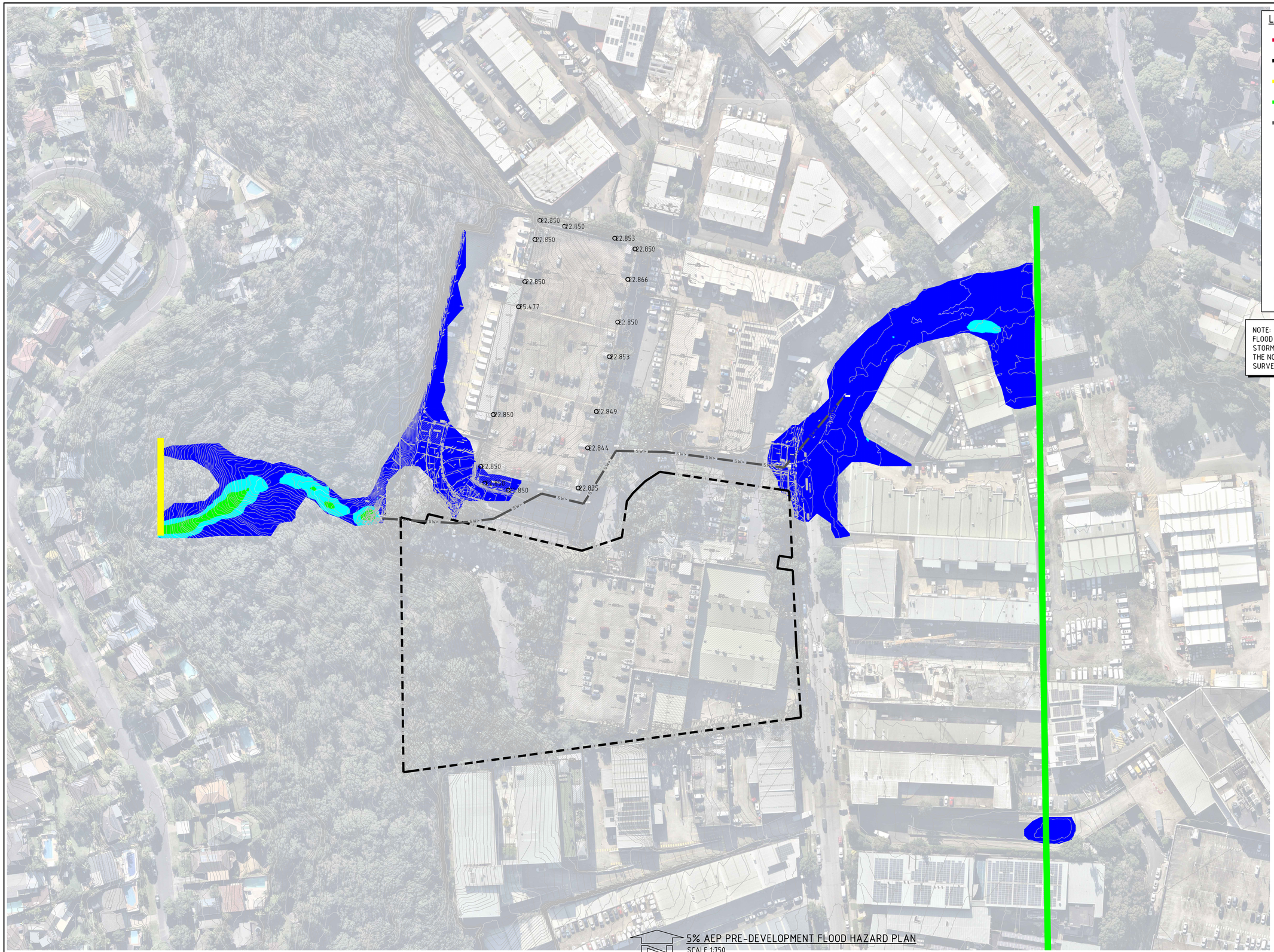
DRAWING TITLE
5% AEP PRE-DEVELOPMENT
FLOOD VELOCITY PLAN

DRAWING No C010628.01-F221
ISSUE A



LEGEND:

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE
- H1
- H2
- H3
- H4
- H5
- H6

FLOOD HAZARD CLASSIFICATION AS PER AUSTRALIAN RAINFALL & RUNOFF 2019, A GUIDE TO FLOOD ESTIMATION - BOOK 6 - FLOOD HYDRAULICS

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

5% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN
SCALE 1:750

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

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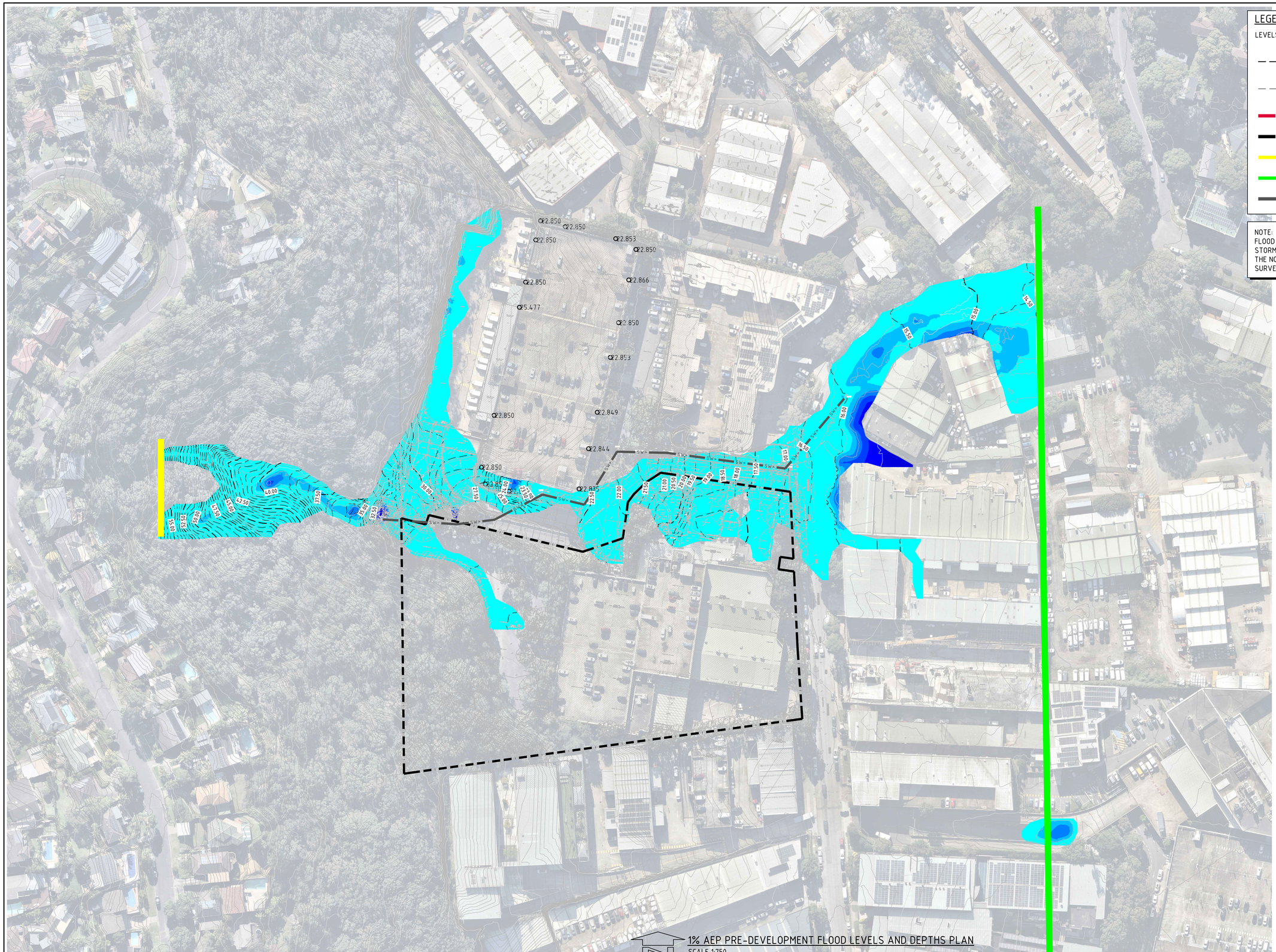
DRAWING TITLE
5% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN

DRAWING No C010628.01-F 222

ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- 30.00 – FLOOD LEVEL CONTOUR (MAJOR) 1m INTERVALS
- 30.50 – FLOOD LEVEL CONTOUR (MINOR) 0.5m INTERVALS
- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- SW – STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

1% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN
SCALE 1:750

FLOOD DEPTH (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.200	
2	0.200	0.400	
3	0.400	0.600	
4	0.600	0.800	
5	0.800	1.000	
6	1.000	1.500	
7	1.500	2.000	
8	2.000	2.500	
9	2.500	5.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

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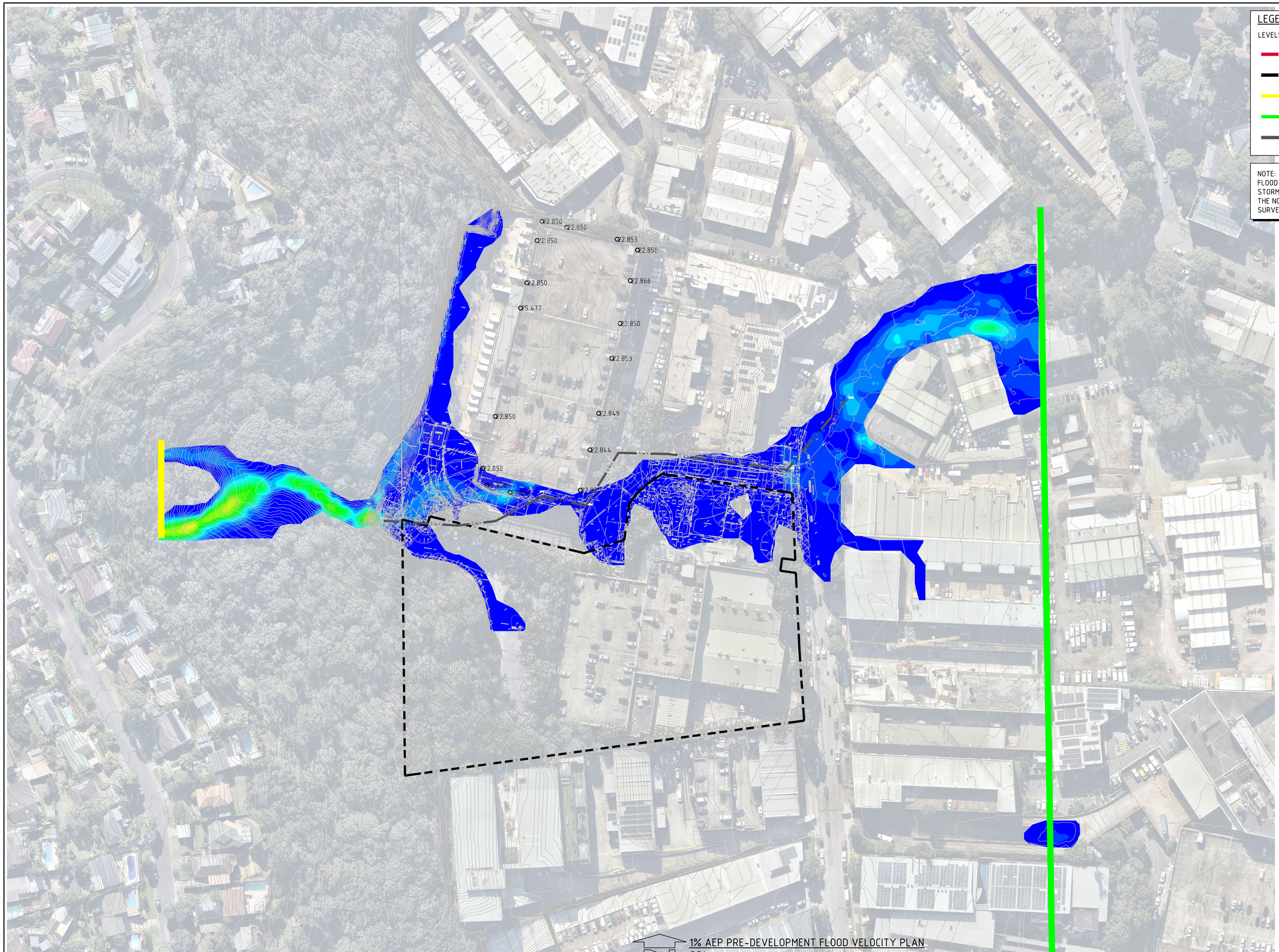
DRAWING TITLE
1% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN

DRAWING No C010628.01-F230
ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
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FLOOD VELOCITY (m/s)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.250	
2	0.250	0.500	
3	0.500	0.750	
4	0.750	1.000	
5	1.000	1.250	
6	1.250	1.500	
7	1.500	1.750	
8	1.750	2.000	
9	2.000	2.250	
10	2.250	2.500	
11	2.500	2.750	
12	2.750	3.000	
13	3.000	3.250	
14	3.250	3.500	
15	3.500	3.750	
16	3.750	4.000	
17	4.000	4.250	
18	4.250	4.500	
19	4.500	4.750	
20	4.750	5.000	

1% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN
SCALE 1:750

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

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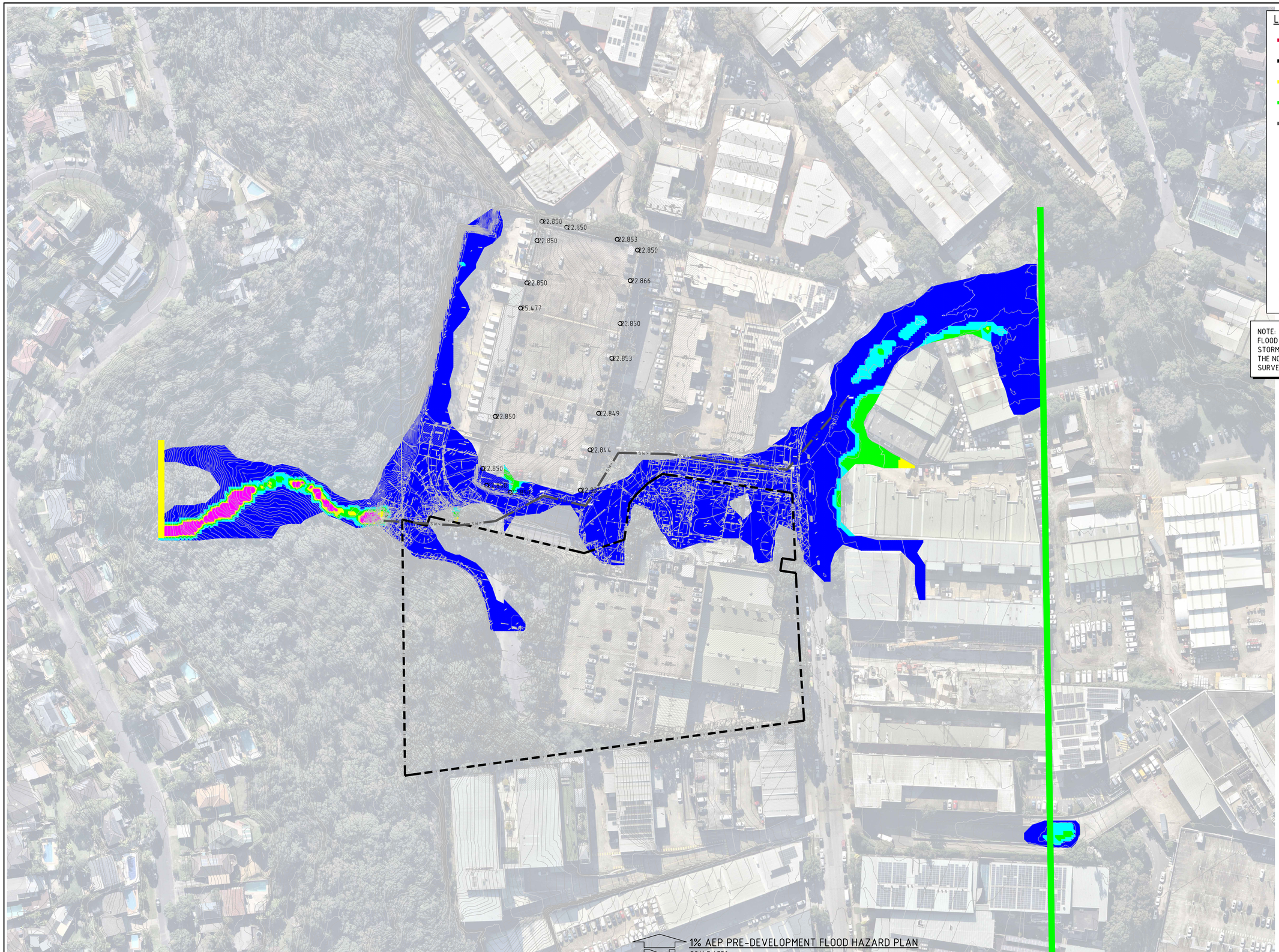
DRAWING TITLE
1% AEP PRE-DEVELOPMENT
FLOOD VELOCITY PLAN

DRAWING No C010628.01-F231
ISSUE A



LEGEND:

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE
- H1
- H2
- H3
- H4
- H5
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NOTE:
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1% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN

SCALE 1:750

6m 0 15 30 45 60 75m

SCALE 1:750 AT B1 SIZE SHEET

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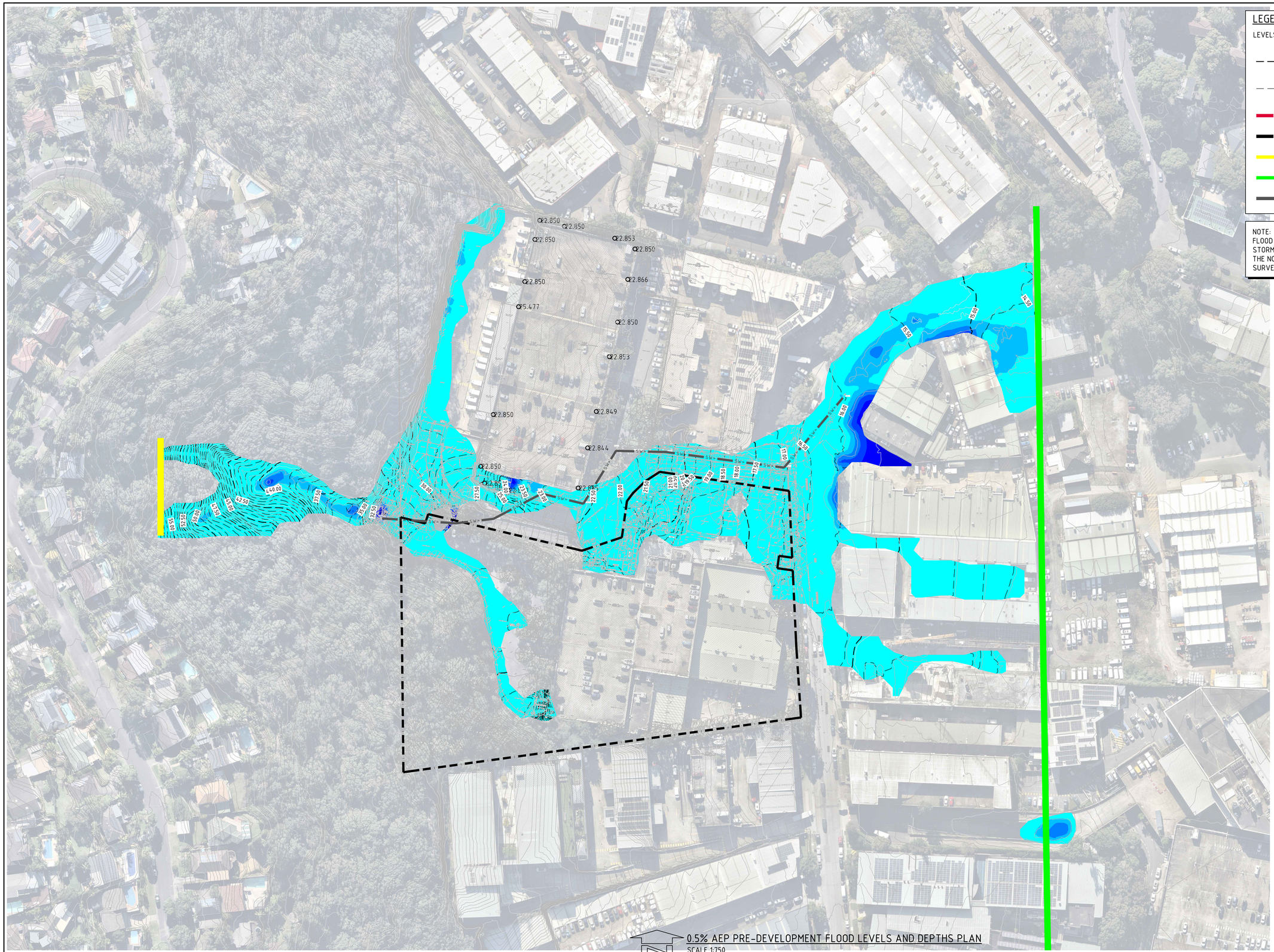
DRAWING TITLE
1% AEP PRE-DEVELOPMENT
FLOOD HAZARD PLAN

DRAWING No	ISSUE
C010628.01-F 232	A



LEGEND:

LEVELS DATUM IS AHD.

- 30.00 – FLOOD LEVEL CONTOUR (MAJOR) 1m INTERVALS
- 30.50 – FLOOD LEVEL CONTOUR (MINOR) 0.5m INTERVALS
- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- SW – STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

FLOOD DEPTH (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.200	
2	0.200	0.400	
3	0.400	0.600	
4	0.600	0.800	
5	0.800	1.000	
6	1.000	1.500	
7	1.500	2.000	
8	2.000	2.500	
9	2.500	5.000	

0.5% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN

SCALE 1:750

6m 0 15 30 45 60 75m

SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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PROJECT
PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F240

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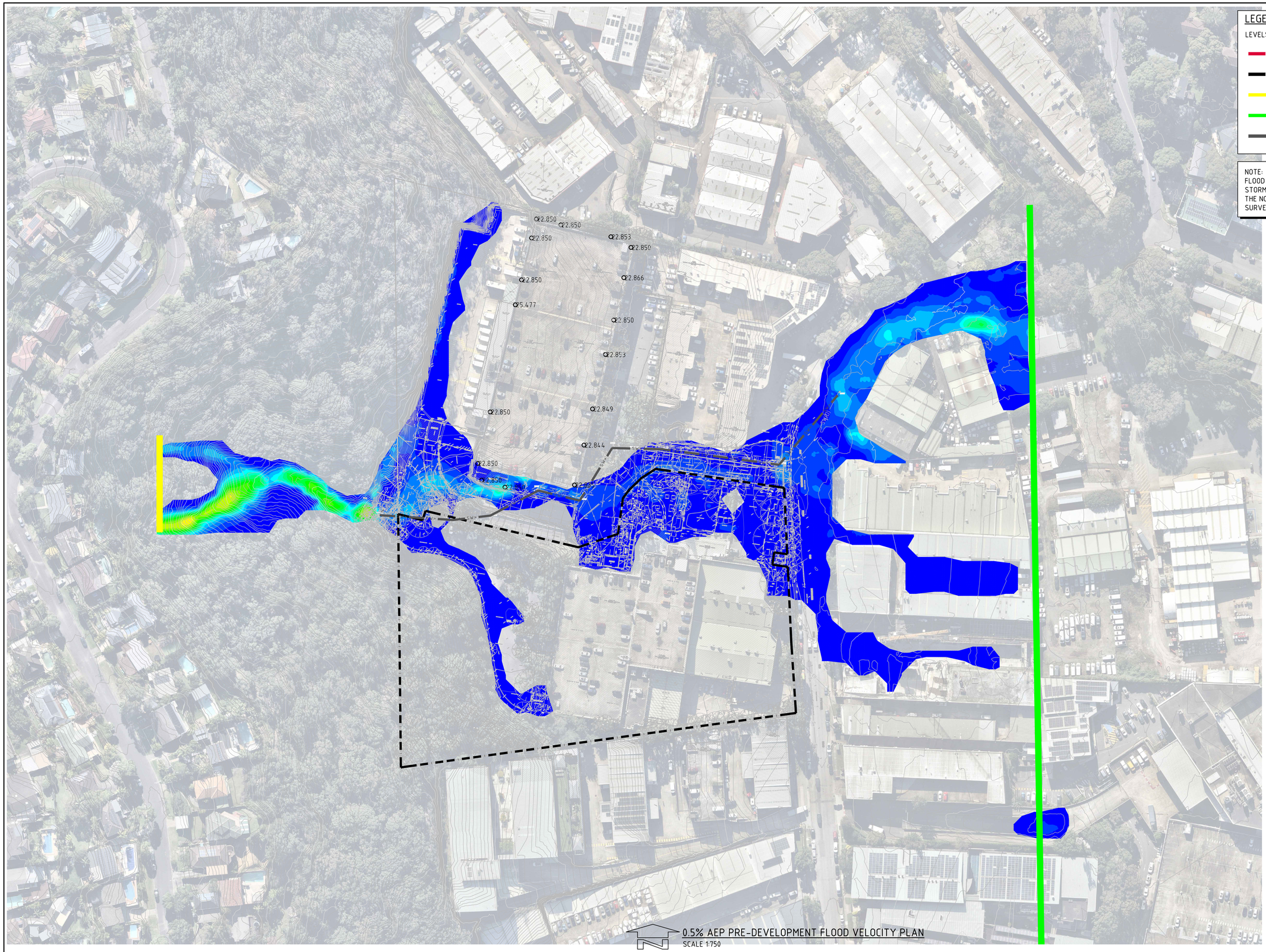
DRAWING TITLE
0.5% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN

DRAWING No C010628.01-F240

ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

FLOOD VELOCITY (m/s)

No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.250	
2	0.250	0.500	
3	0.500	0.750	
4	0.750	1.000	
5	1.000	1.250	
6	1.250	1.500	
7	1.500	1.750	
8	1.750	2.000	
9	2.000	2.250	
10	2.250	2.500	
11	2.500	2.750	
12	2.750	3.000	
13	3.000	3.250	
14	3.250	3.500	
15	3.500	3.750	
16	3.750	4.000	
17	4.000	4.250	
18	4.250	4.500	
19	4.500	4.750	
20	4.750	5.000	

0.5% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN
SCALE 1:750

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A
AMENDMENTS	DATE	ISSUE

AMENDMENTS	DATE	ISSUE

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PROPOOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F241

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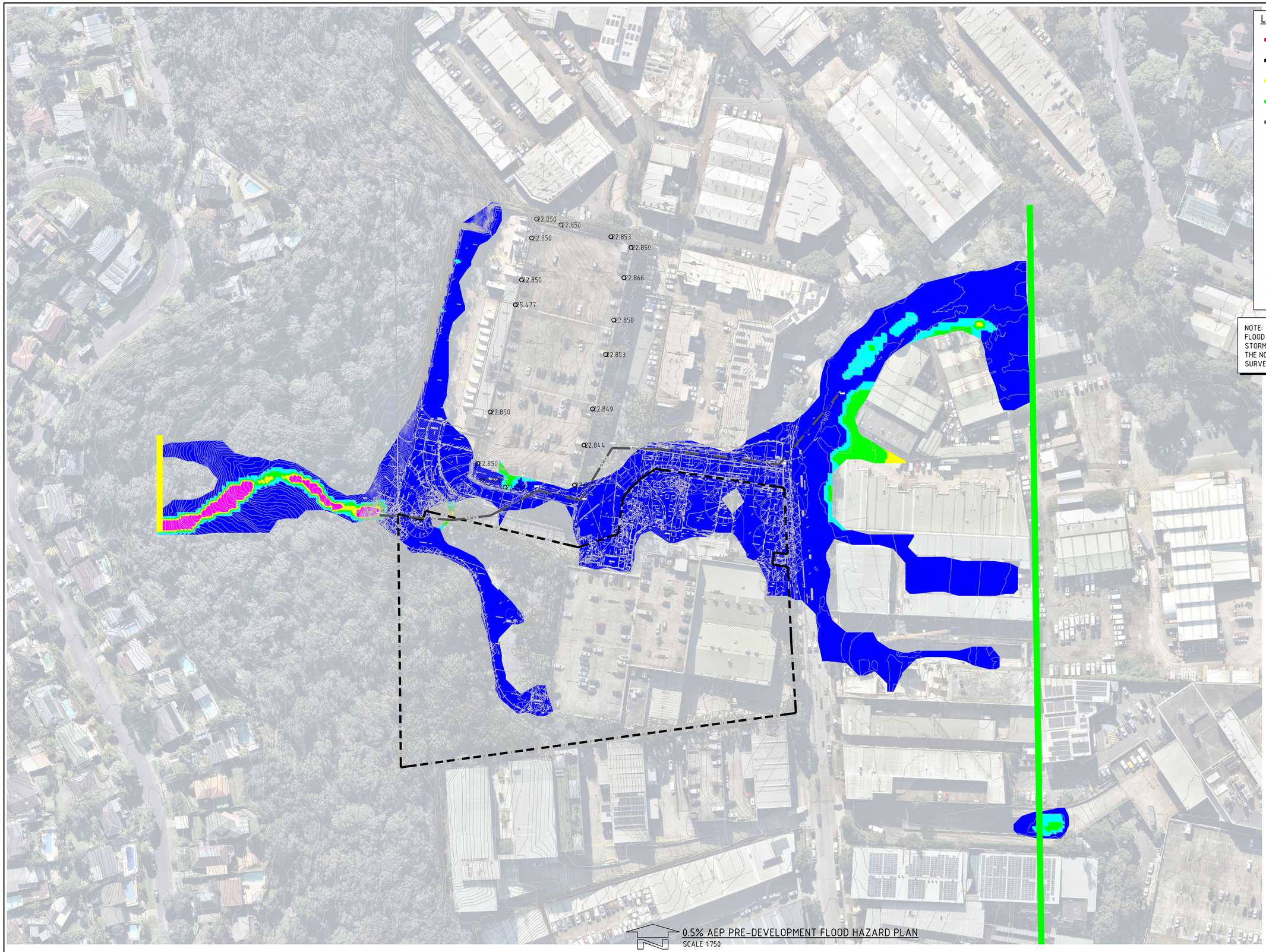
DRAWING TITLE
0.5% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN

DRAWING No C010628.01-F241
ISSUE A



LEGEND:

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE
- H1
- H2
- H3
- H4
- H5
- H6

FLOOD HAZARD CLASSIFICATION AS PER AUSTRALIAN RAINFALL & RUNOFF 2019, A GUIDE TO FLOOD ESTIMATION - BOOK 6 - FLOOD HYDRAULICS

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

0.5% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN
SCALE 1:750

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A
AMENDMENTS	DATE	ISSUE

AMENDMENTS	DATE	ISSUE

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PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F242

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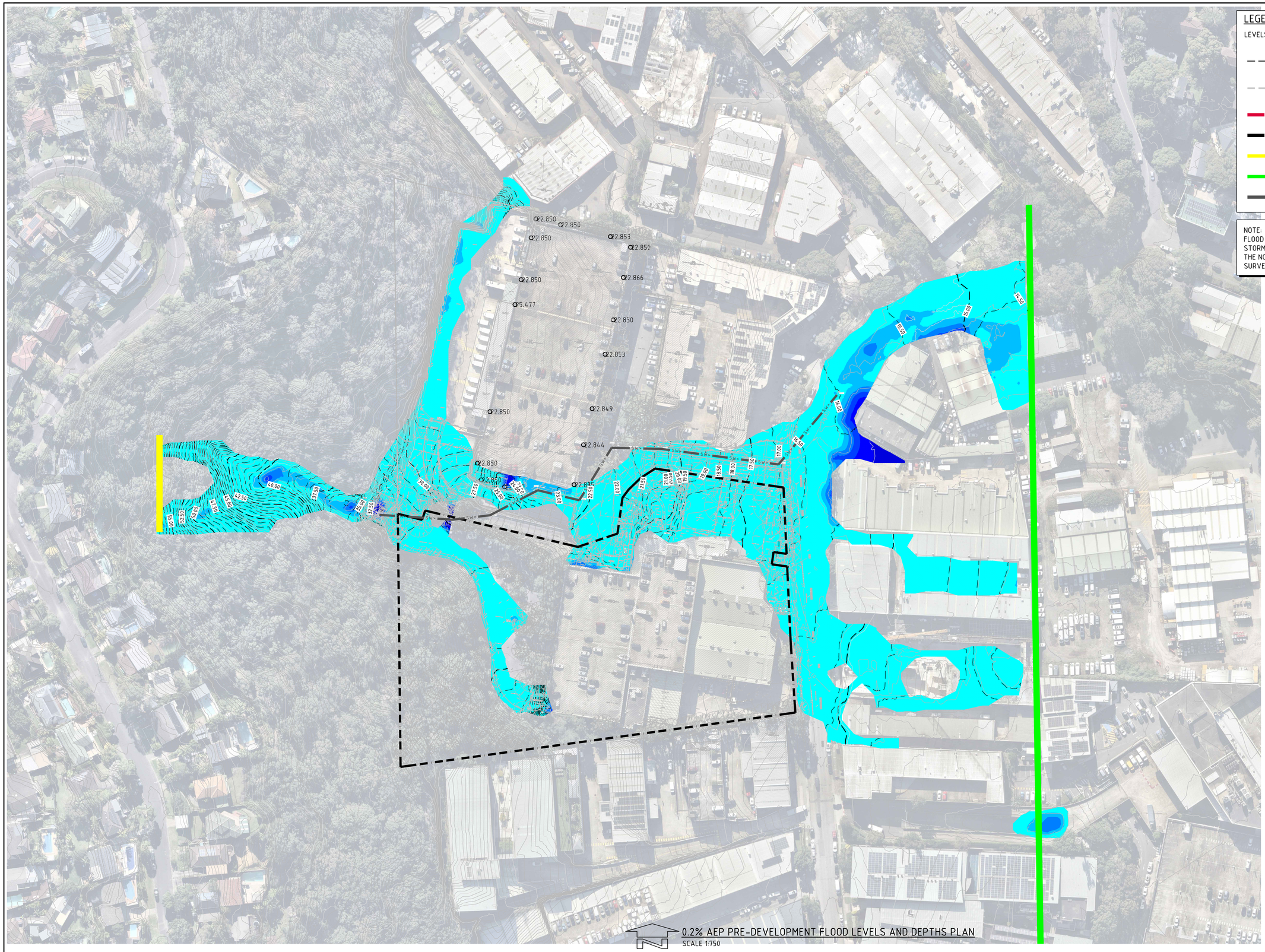
DRAWING TITLE
0.5% AEP PRE-DEVELOPMENT
FLOOD HAZARD PLAN

DRAWING No C010628.01-F242 ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- 30.00 – FLOOD LEVEL CONTOUR (MAJOR) 1m INTERVALS
- 30.50 – FLOOD LEVEL CONTOUR (MINOR) 0.5m INTERVALS
- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- SW – STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

0.2% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN
SCALE 1:750

FLOOD DEPTH (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.200	
2	0.200	0.400	
3	0.400	0.600	
4	0.600	0.800	
5	0.800	1.000	
6	1.000	1.500	
7	1.500	2.000	
8	2.000	2.500	
9	2.500	5.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A
AMENDMENTS	DATE	ISSUE

AMENDMENTS	DATE	ISSUE

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PROJECT
PROPOOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F250

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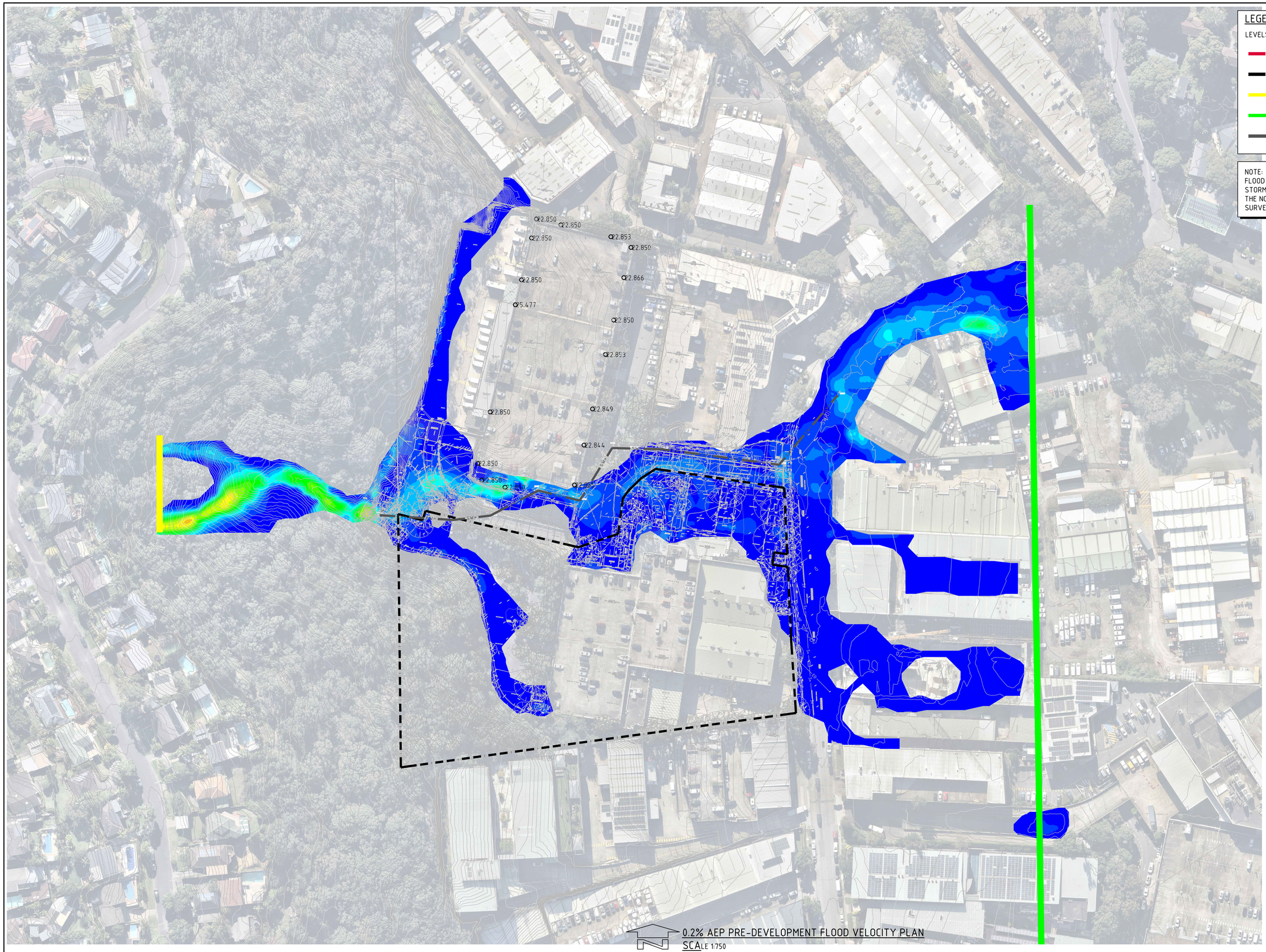
DRAWING TITLE
0.2% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN

DRAWING No C010628.01-F250 | ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

FLOOD VELOCITY (m/s)

No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.250	
2	0.250	0.500	
3	0.500	0.750	
4	0.750	1.000	
5	1.000	1.250	
6	1.250	1.500	
7	1.500	1.750	
8	1.750	2.000	
9	2.000	2.250	
10	2.250	2.500	
11	2.500	2.750	
12	2.750	3.000	
13	3.000	3.250	
14	3.250	3.500	
15	3.500	3.750	
16	3.750	4.000	
17	4.000	4.250	
18	4.250	4.500	
19	4.500	4.750	
20	4.750	5.000	

0.2% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN
SCALE 1:750

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F251

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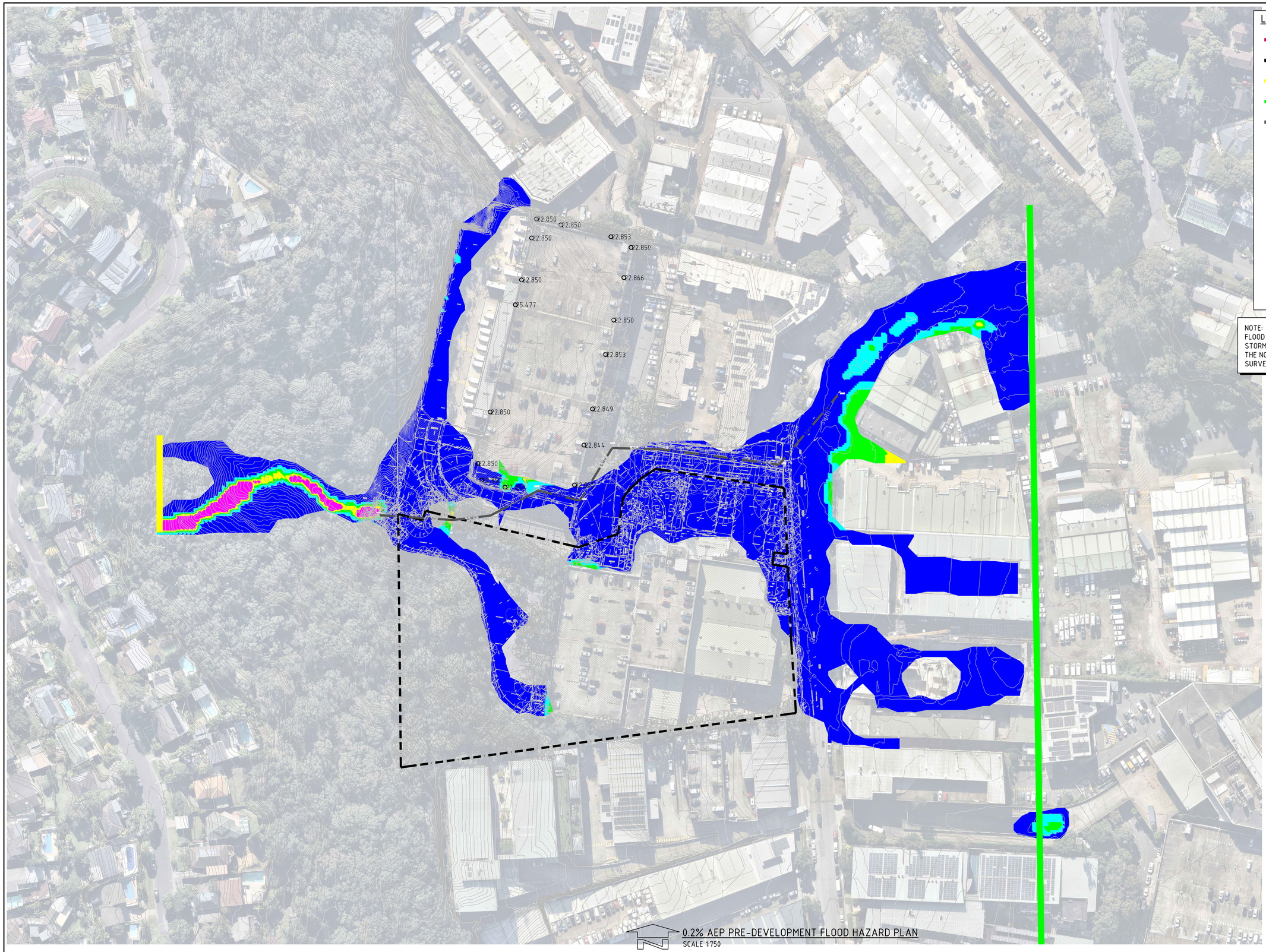
DRAWING TITLE
0.2% AEP PRE-DEVELOPMENT
FLOOD VELOCITY PLAN

DRAWING No C010628.01-F251
ISSUE A



FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
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AMENDMENTS	DATE	ISSUE

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114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F252

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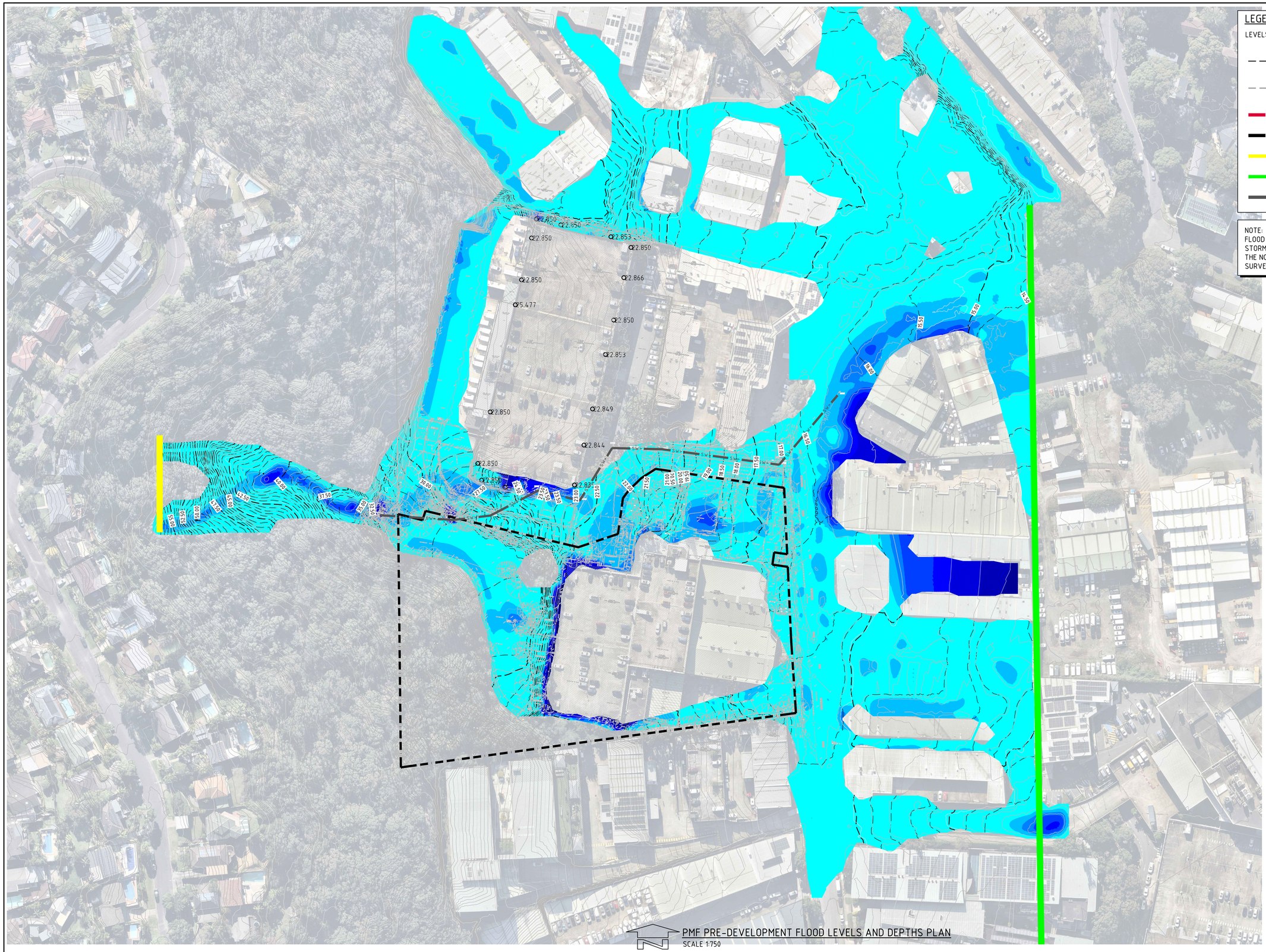
DRAWING TITLE
0.2% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN

DRAWING No C010628.01-F252 ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- 30.00 – FLOOD LEVEL CONTOUR (MAJOR) 1m INTERVALS
- 30.50 – FLOOD LEVEL CONTOUR (MINOR) 0.5m INTERVALS
- – FLOOD MODELLING BOUNDARY
- – SITE BOUNDARY
- – INFLOW HYDROGRAPH
- – OUTFLOW BOUNDARY
- SW – STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

PMF PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN
SCALE 1:750

FLOOD DEPTH (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.200	
2	0.200	0.400	
3	0.400	0.600	
4	0.600	0.800	
5	0.800	1.000	
6	1.000	1.500	
7	1.500	2.000	
8	2.000	2.500	
9	2.500	5.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A
AMENDMENTS	DATE	ISSUE

AMENDMENTS	DATE	ISSUE

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PROJECT
PROPOOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F260

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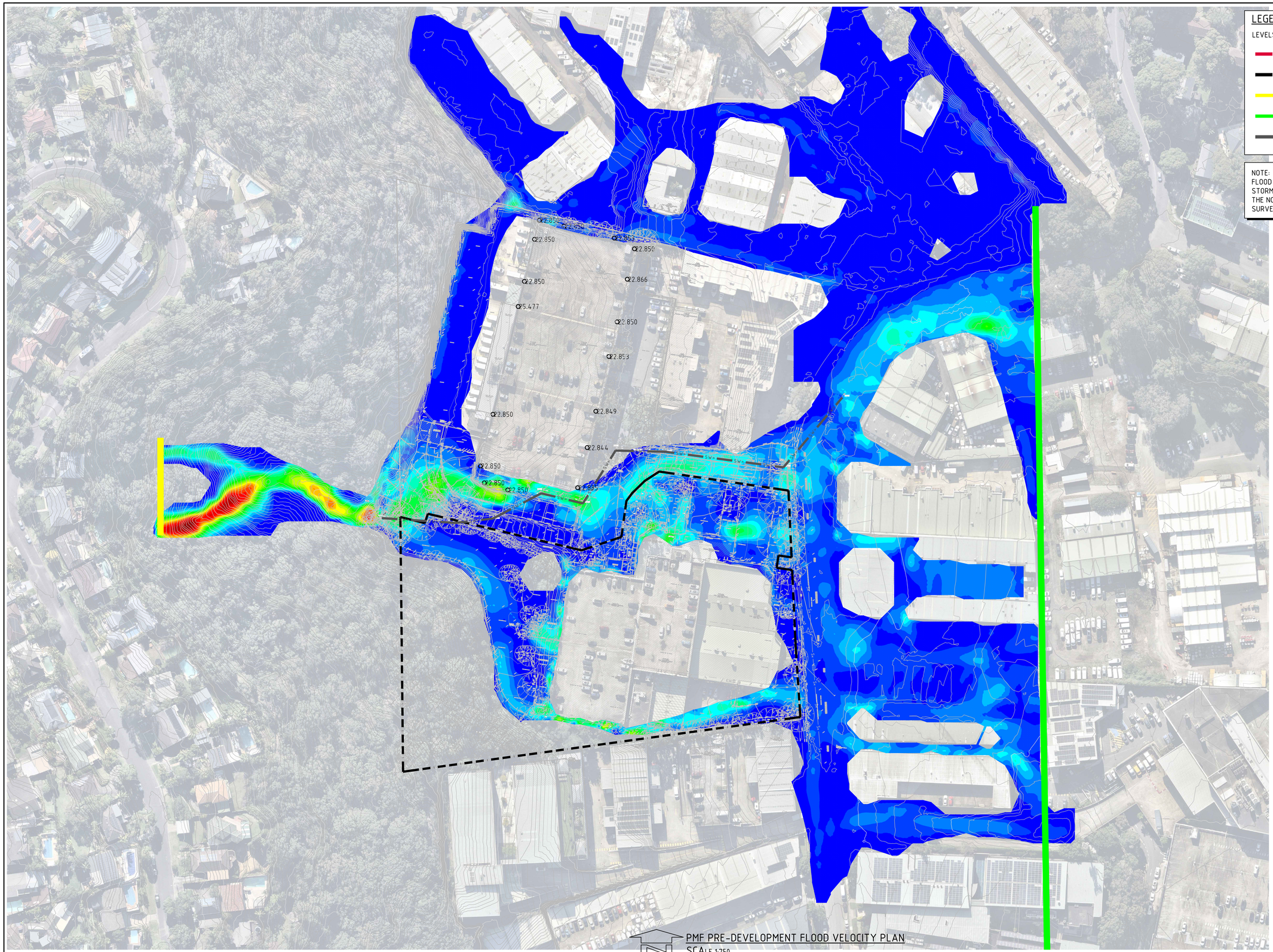
DRAWING TITLE
PMF PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN

DRAWING No C010628.01-F260 ISSUE A



PMF PRE-DEVELOPMENT FLOOD VELOCITY PLAN
SCALE 1:750

LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

FLOOD VELOCITY (m/s)

No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.250	
2	0.250	0.500	
3	0.500	0.750	
4	0.750	1.000	
5	1.000	1.250	
6	1.250	1.500	
7	1.500	1.750	
8	1.750	2.000	
9	2.000	2.250	
10	2.250	2.500	
11	2.500	2.750	
12	2.750	3.000	
13	3.000	3.250	
14	3.250	3.500	
15	3.500	3.750	
16	3.750	4.000	
17	4.000	4.250	
18	4.250	4.500	
19	4.500	4.750	
20	4.750	5.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F261

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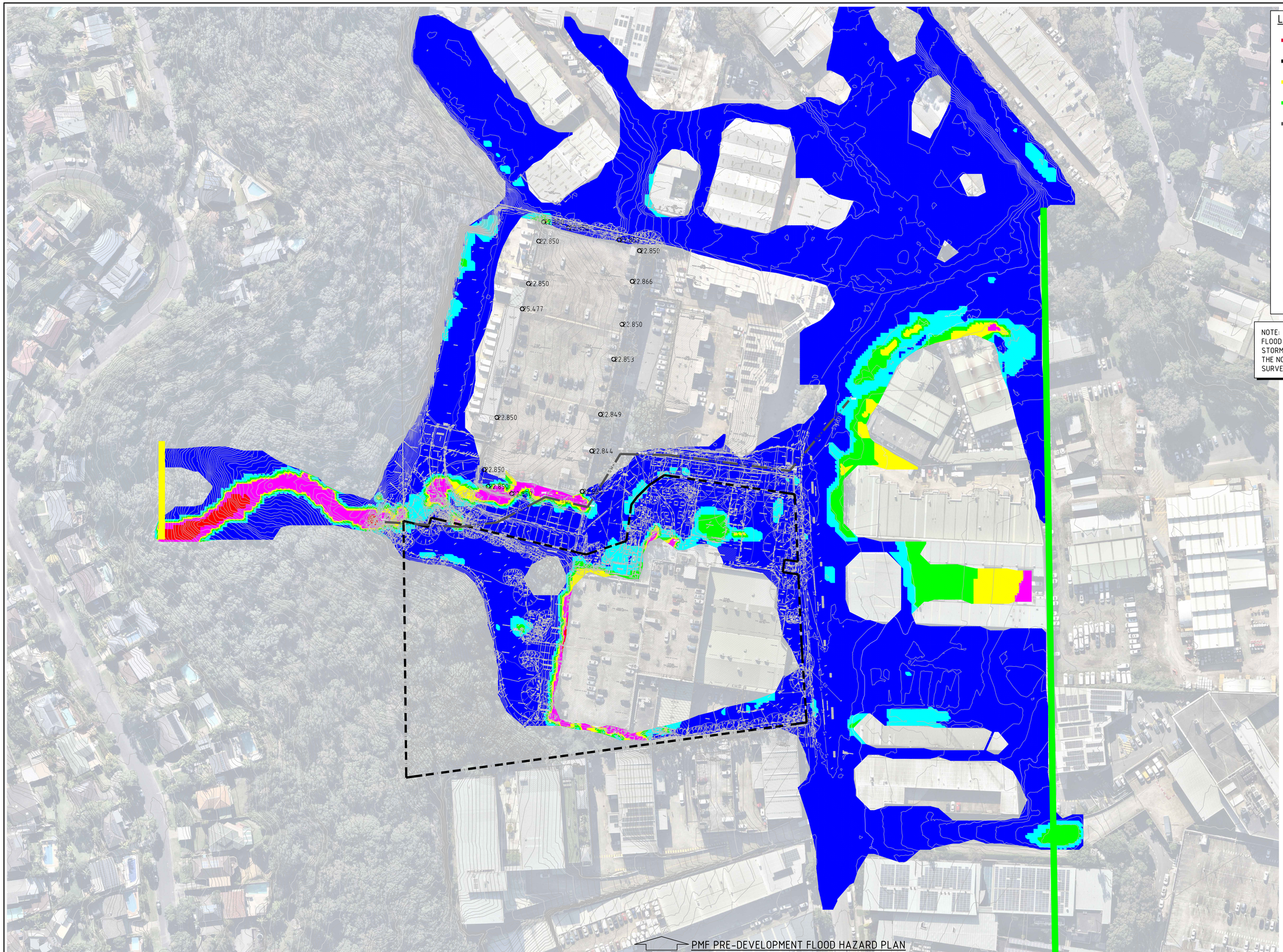
DRAWING TITLE
PMF PRE-DEVELOPMENT
FLOOD VELOCITY PLAN

DRAWING No C010628.01-F261
ISSUE A



LEGEND:

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE
- H1
- H2
- H3
- H4
- H5
- H6

FLOOD HAZARD CLASSIFICATION AS PER AUSTRALIAN RAINFALL & RUNOFF 2019, A GUIDE TO FLOOD ESTIMATION - BOOK 6 - FLOOD HYDRAULICS

NOTE:
FLOOD CONDITIONS SHOWN FOR THE PRE-DEVELOPMENT CONDITION. STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

PMF PRE-DEVELOPMENT FLOOD HAZARD PLAN
SCALE 1:750

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
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AMENDMENTS	DATE	ISSUE

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PROPOOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELEOPMENT
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DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F262

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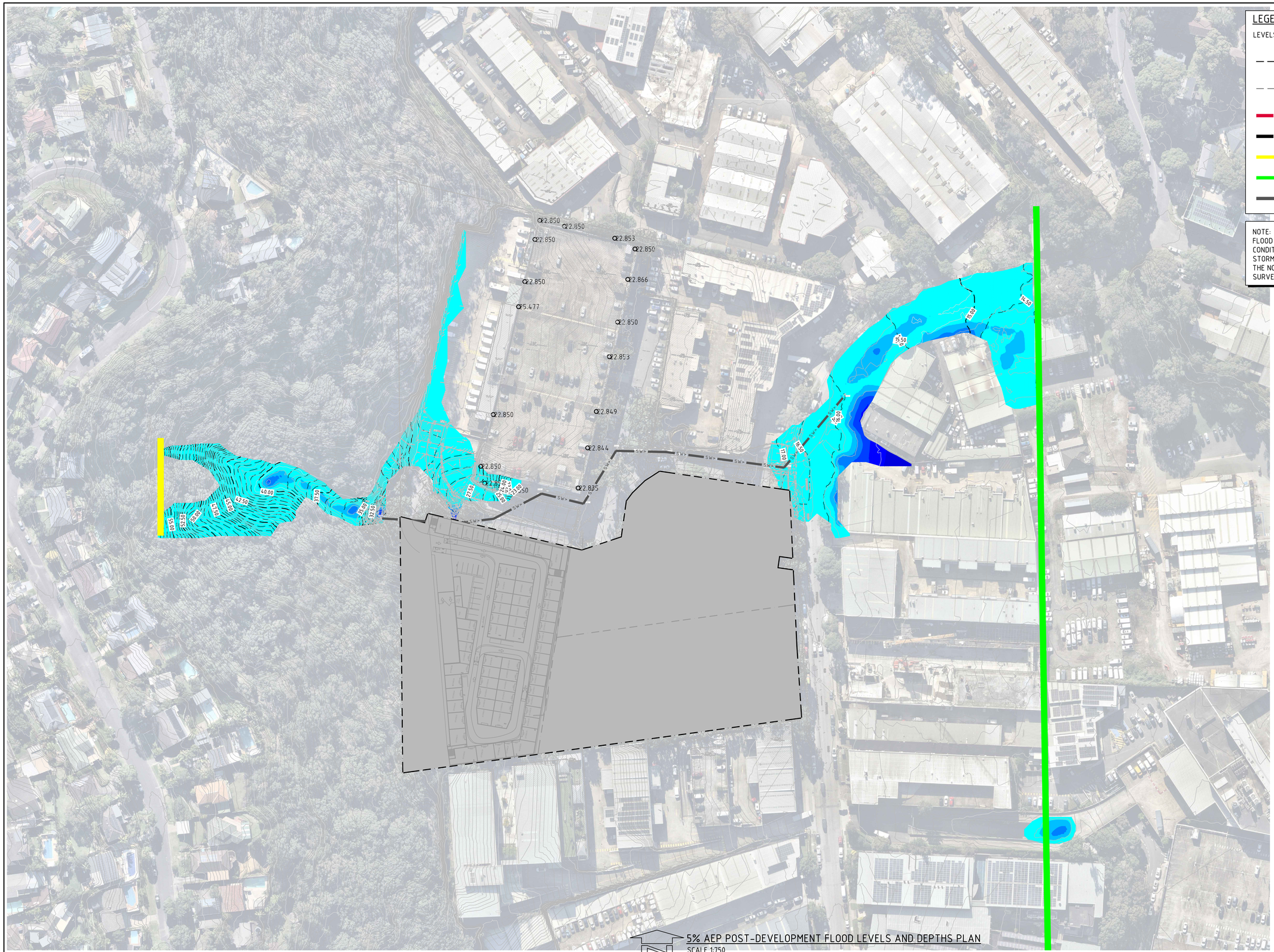
DRAWING TITLE
PMF PRE-DEVELOPMENT FLOOD HAZARD PLAN

DRAWING No	ISSUE
C010628.01-F 262	A



LEGEND:

LEVELS DATUM IS AHD.

- 30.00 – FLOOD LEVEL CONTOUR (MAJOR) 1m INTERVALS
- 30.50 – FLOOD LEVEL CONTOUR (MINOR) 0.5m INTERVALS
- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- SW> – STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

5% AEP POST-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN
SCALE 1:750

FLOOD DEPTH (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.200	
2	0.200	0.400	
3	0.400	0.600	
4	0.600	0.800	
5	0.800	1.000	
6	1.000	1.500	
7	1.500	2.000	
8	2.000	2.500	
9	2.500	5.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

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AMENDMENTS	DATE	ISSUE

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FOR INDUSTRIAL DEVELEOPMENT
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DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
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DRAWING TITLE
5% AEP POST-DEVELOPMENT
FLOOD LEVELS AND DEPTHS PLAN

DRAWING No C010628.01-F320
ISSUE A

LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

FLOOD VELOCITY (m/s)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.250	
2	0.250	0.500	
3	0.500	0.750	
4	0.750	1.000	
5	1.000	1.250	
6	1.250	1.500	
7	1.500	1.750	
8	1.750	2.000	
9	2.000	2.250	
10	2.250	2.500	
11	2.500	2.750	
12	2.750	3.000	
13	3.000	3.250	
14	3.250	3.500	
15	3.500	3.750	
16	3.750	4.000	
17	4.000	4.250	
18	4.250	4.500	
19	4.500	4.750	
20	4.750	5.000	

5% AEP POST-DEVELOPMENT FLOOD VELOCITY PLAN
SCALE 1:750

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

ARCHITECT

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PROJECT
PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F 221

CONSULT AUSTRALIA

Costin Roe Consulting Pty Ltd.
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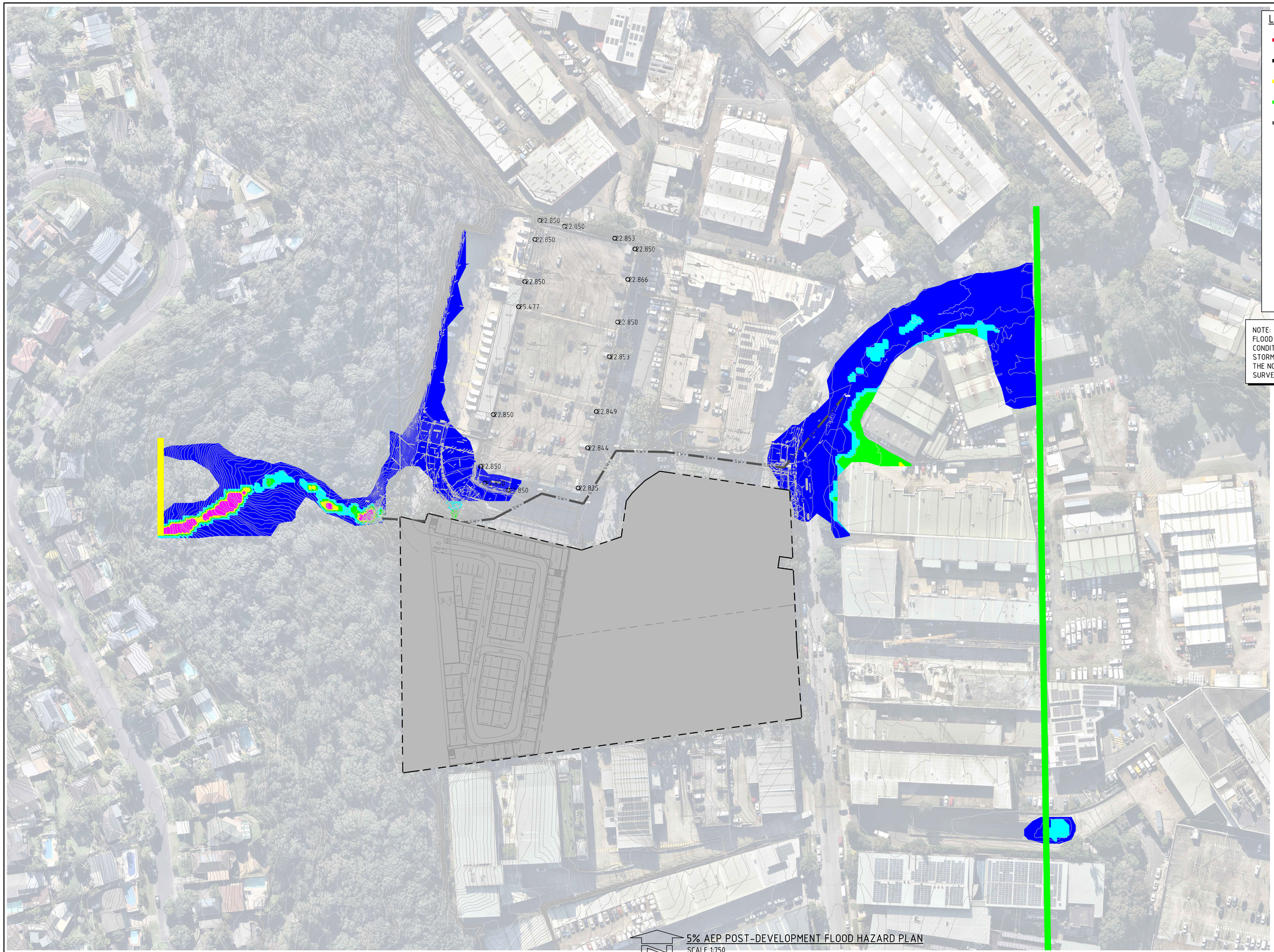
DRAWING TITLE
5% AEP POST-DEVELOPMENT
FLOOD VELOCITY PLAN

DRAWING No C010628.01-F 221

ISSUE A



FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

ARCHITECT

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PROJECT
PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F322

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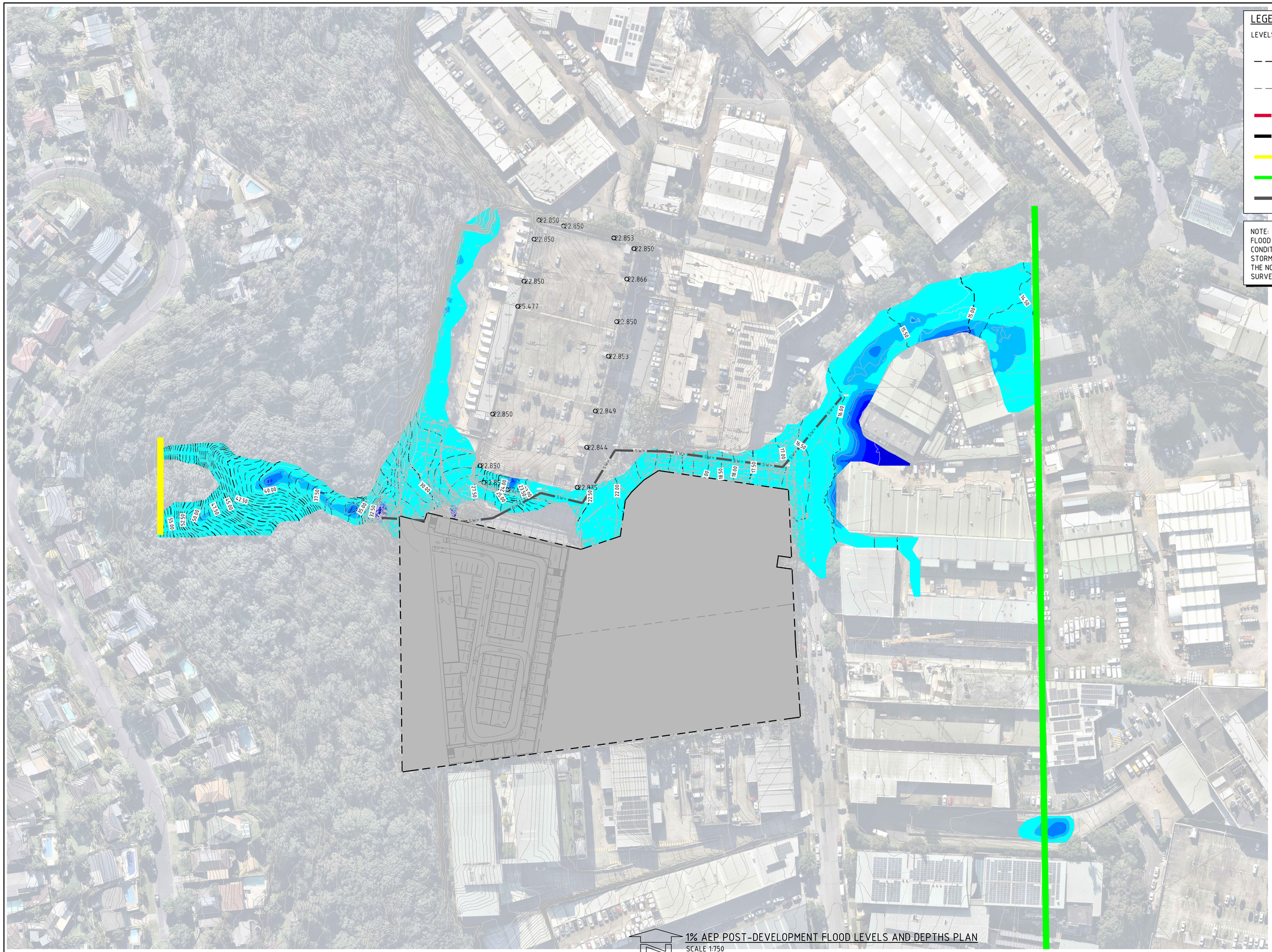
DRAWING TITLE
5% AEP POST-DEVELOPMENT
FLOOD HAZARD PLAN

DRAWING No C010628.01-F322

ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- 30.00 – FLOOD LEVEL CONTOUR (MAJOR) 1m INTERVALS
- 30.50 – FLOOD LEVEL CONTOUR (MINOR) 0.5m INTERVALS
- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- SW – STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

1% AEP POST-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN
SCALE 1:750

FLOOD DEPTH (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.200	
2	0.200	0.400	
3	0.400	0.600	
4	0.600	0.800	
5	0.800	1.000	
6	1.000	1.500	
7	1.500	2.000	
8	2.000	2.500	
9	2.500	5.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F330

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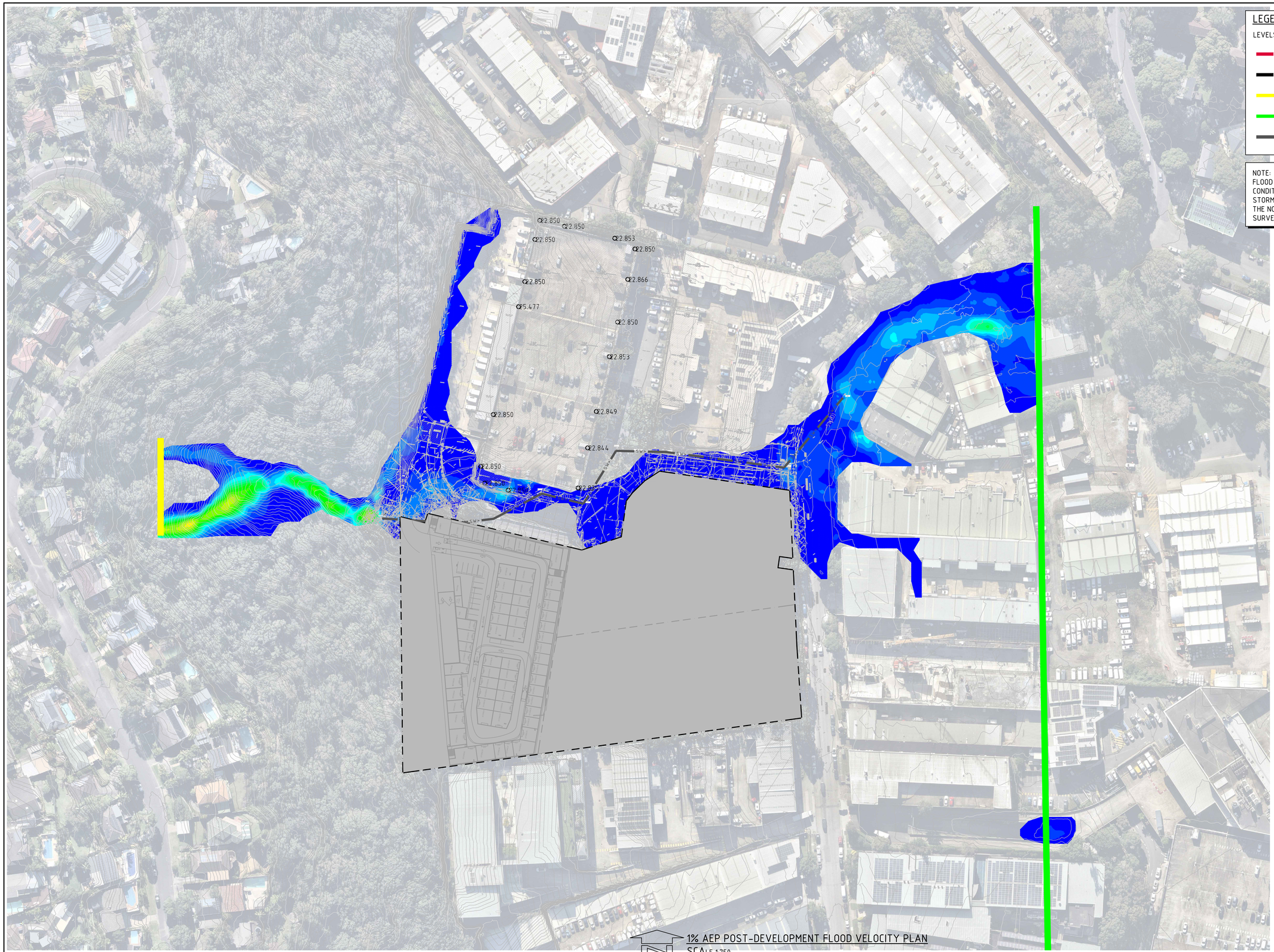
DRAWING TITLE
1% AEP POST-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN

DRAWING No C010628.01-F330
ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

1% AEP POST-DEVELOPMENT FLOOD VELOCITY PLAN
SCALE 1:750

FLOOD VELOCITY (m/s)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.250	
2	0.250	0.500	
3	0.500	0.750	
4	0.750	1.000	
5	1.000	1.250	
6	1.250	1.500	
7	1.500	1.750	
8	1.750	2.000	
9	2.000	2.250	
10	2.250	2.500	
11	2.500	2.750	
12	2.750	3.000	
13	3.000	3.250	
14	3.250	3.500	
15	3.500	3.750	
16	3.750	4.000	
17	4.000	4.250	
18	4.250	4.500	
19	4.500	4.750	
20	4.750	5.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F331

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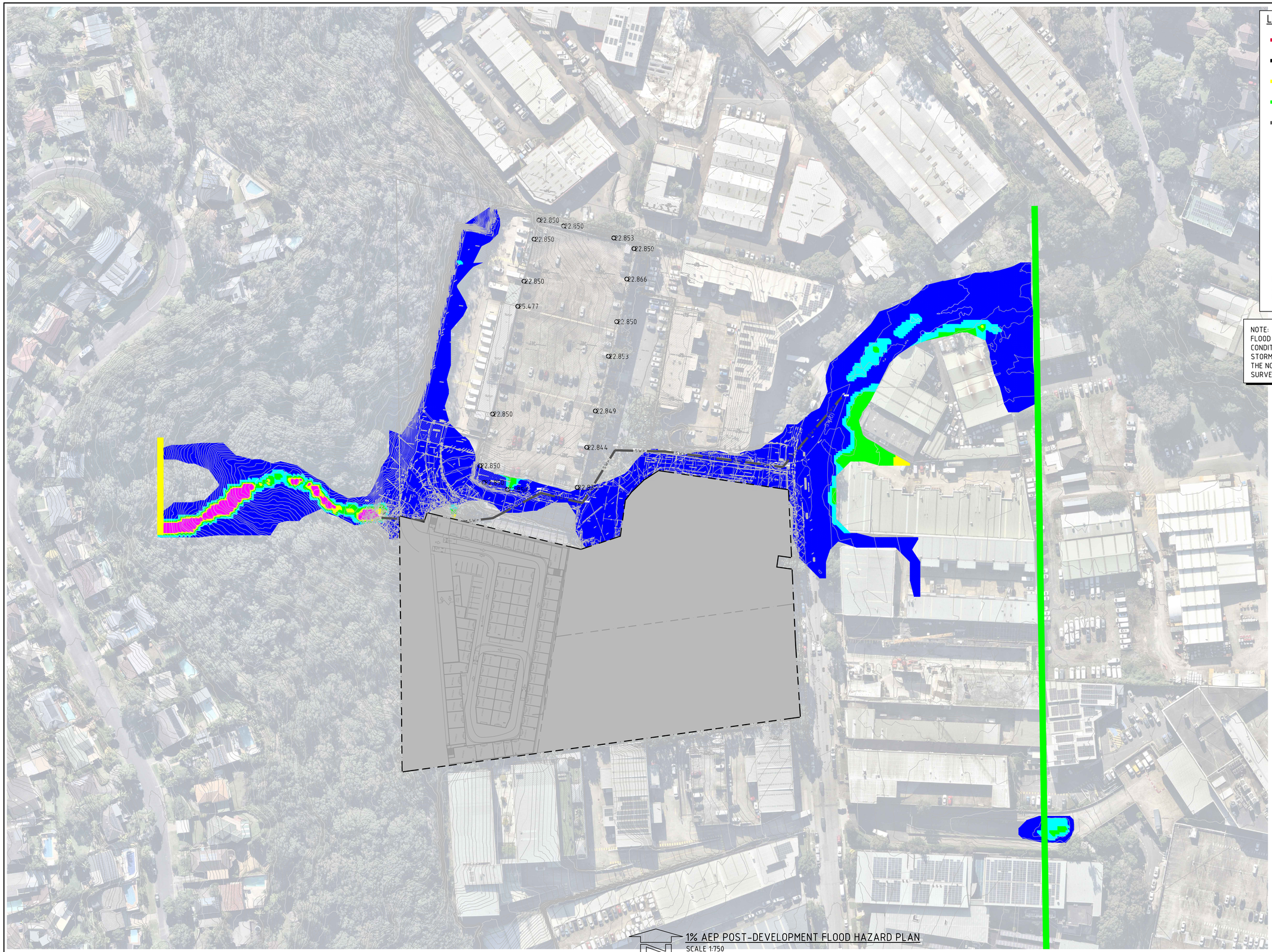
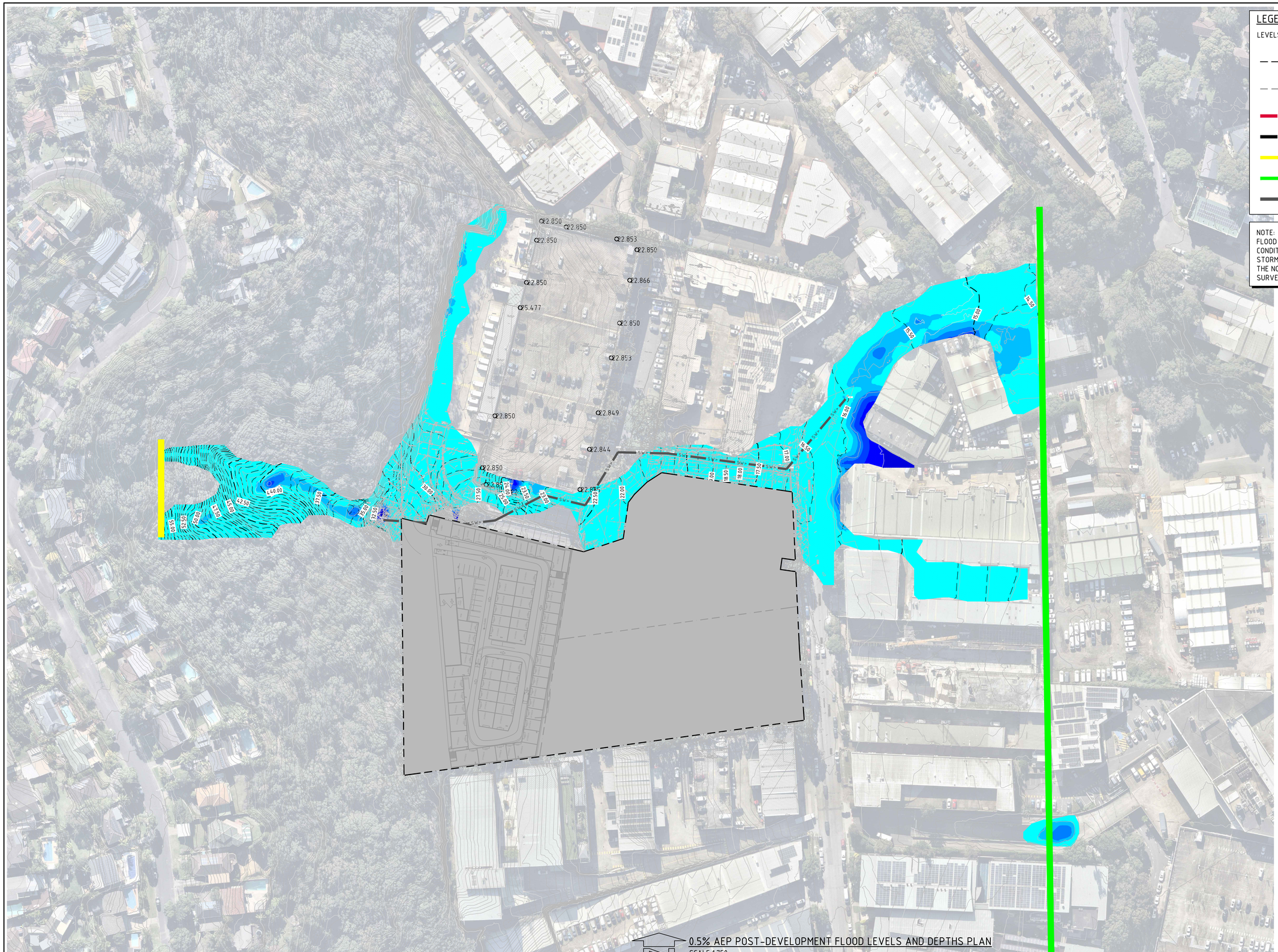
DRAWING TITLE
1% AEP POST-DEVELOPMENT
FLOOD VELOCITY PLAN

DRAWING No C010628.01-F331
ISSUE A


LEGEND:
- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
SWP - STORMWATER INFRASTRUCTURE
- H1
- H2
- H3
- H4
- H5
- H6
FLOOD HAZARD CLASSIFICATION AS PER AUSTRALIAN RAINFALL & RUNOFF 2019, A GUIDE TO FLOOD ESTIMATION - BOOK 6 - FLOOD HYDRAULICS
NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.
2.850
2.850
2.850
2.853
2.850
2.850
2.866
5.477
2.850
2.853
2.850
2.849
2.844
2.850
2.850
SWP
SWP
SWP



0.5% AEP POST-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN
SCALE 1:750

LEGEND:

LEVELS DATUM IS AHD.

- 30.00 – FLOOD LEVEL CONTOUR (MAJOR) 1m INTERVALS
- 30.50 – FLOOD LEVEL CONTOUR (MINOR) 0.5m INTERVALS
- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- SWP – STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

FLOOD DEPTH (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.200	
2	0.200	0.400	
3	0.400	0.600	
4	0.600	0.800	
5	0.800	1.000	
6	1.000	1.500	
7	1.500	2.000	
8	2.000	2.500	
9	2.500	5.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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PROJECT
PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG 2025	XC	B1	AS SHOWN	C010628.01-F340

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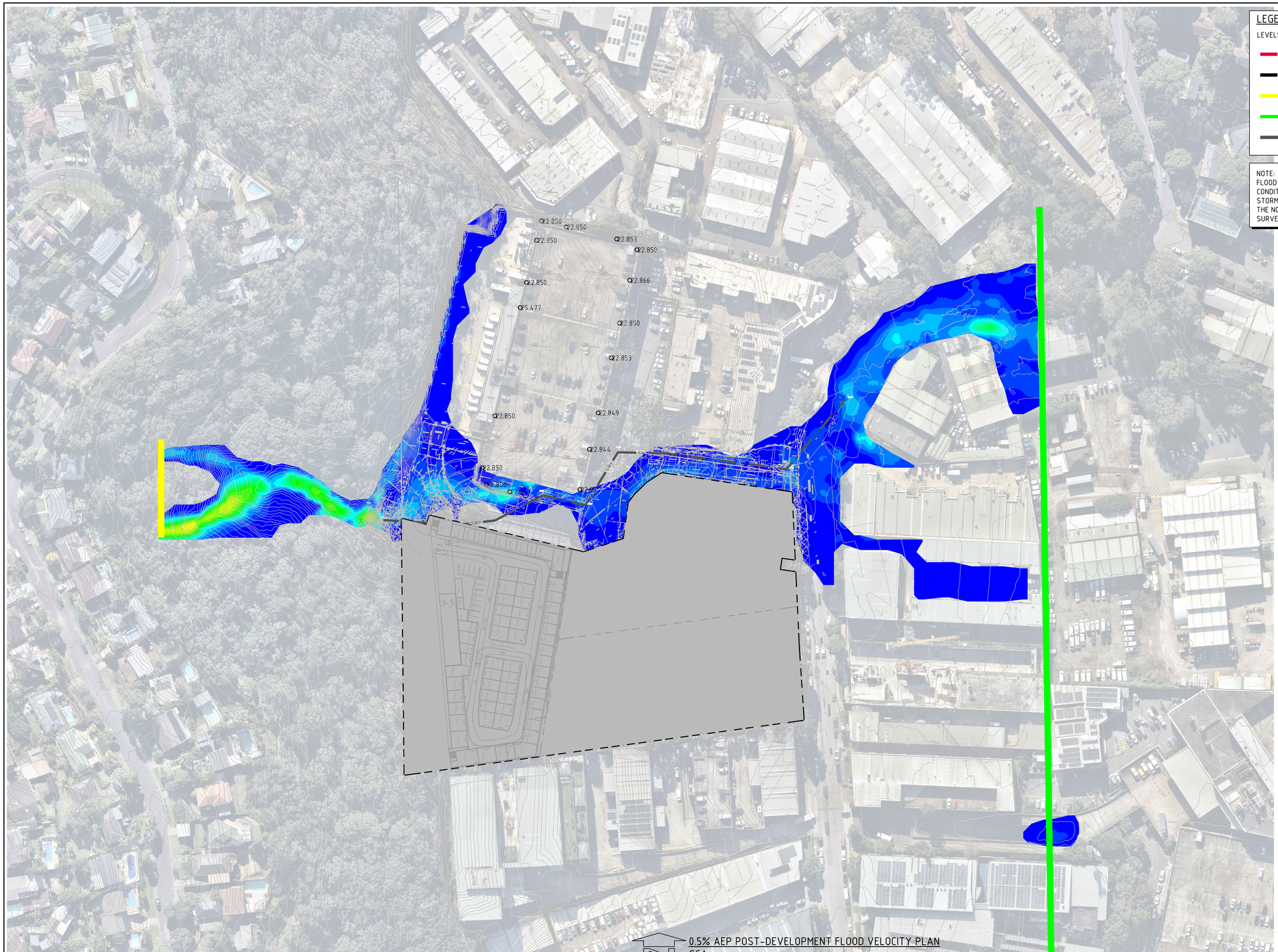
DRAWING TITLE
0.5% AEP POST-DEVELOPMENT
FLOOD LEVELS AND DEPTHS PLAN

DRAWING No C010628.01-F340 | ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

0.5% AEP POST-DEVELOPMENT FLOOD VELOCITY PLAN
SCALE 1:750

FLOOD VELOCITY (m/s)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.250	
2	0.250	0.500	
3	0.500	0.750	
4	0.750	1.000	
5	1.000	1.250	
6	1.250	1.500	
7	1.500	1.750	
8	1.750	2.000	
9	2.000	2.250	
10	2.250	2.500	
11	2.500	2.750	
12	2.750	3.000	
13	3.000	3.250	
14	3.250	3.500	
15	3.500	3.750	
16	3.750	4.000	
17	4.000	4.250	
18	4.250	4.500	
19	4.500	4.750	
20	4.750	5.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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PROJECT
PROPOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG 2025	XC	B1	AS SHOWN	C010628.01-F341

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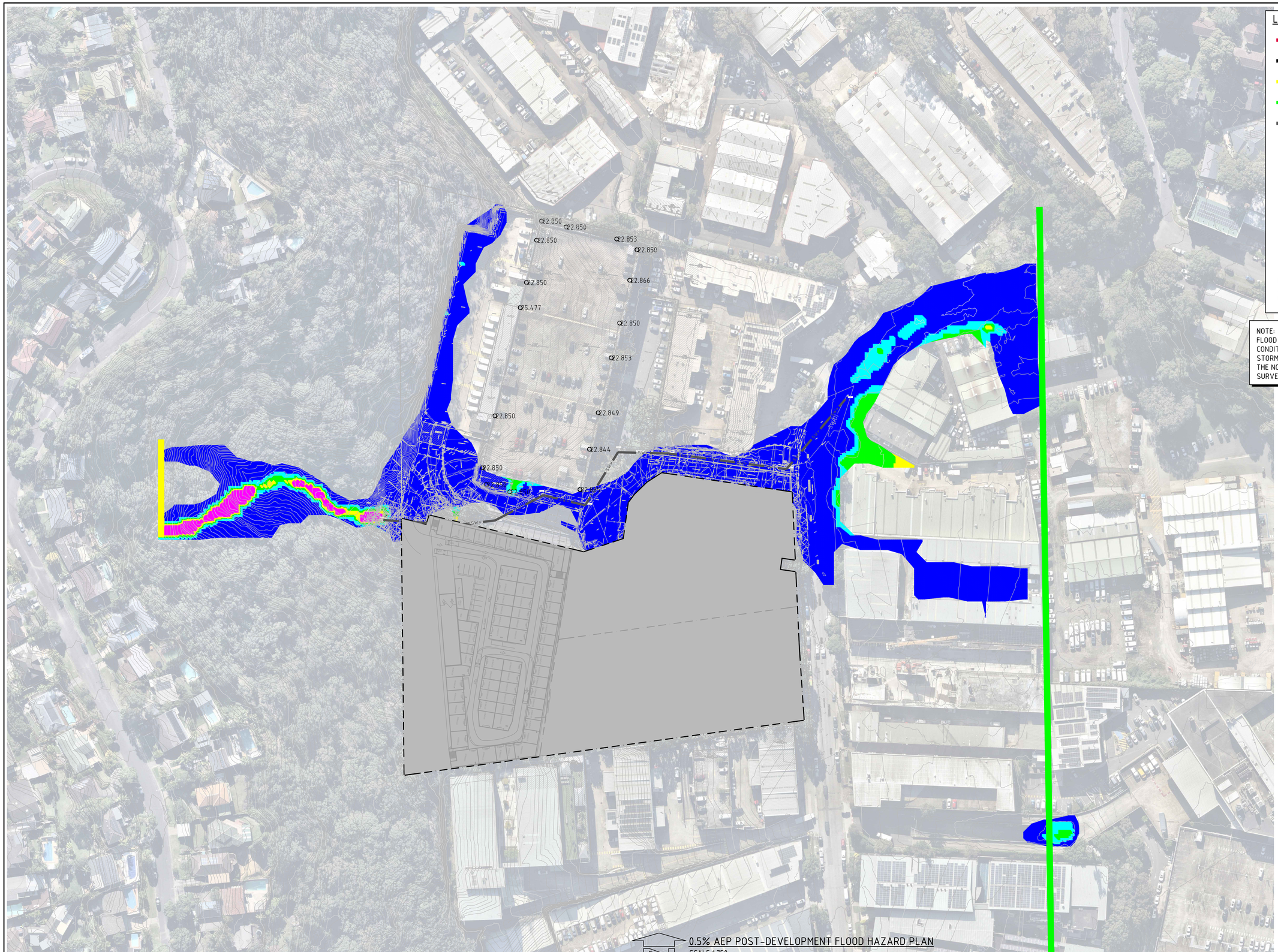
DRAWING TITLE
0.5% AEP POST-DEVELOPMENT
FLOOD VELOCITY PLAN

DRAWING No C010628.01-F341

ISSUE A


LEGEND:
- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
SWP - STORMWATER INFRASTRUCTURE
- H1
- H2
- H3
- H4
- H5
- H6
FLOOD HAZARD CLASSIFICATION AS PER AUSTRALIAN RAINFALL & RUNOFF 2019, A GUIDE TO FLOOD ESTIMATION - BOOK 6 - FLOOD HYDRAULICS
NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.
2.850
2.850
2.850
2.853
2.850
2.850
2.866
5.477
2.850
2.853
2.850
2.849
2.844
2.850
2.850
SWP
SWP
SWP

2.850
2.850
2.850
2.853
2.850
2.850
2.866
5.477
2.850
2.853
2.850
2.849
2.844
2.850
2.850
2.850
40.00
37.50
35.00
32.50
30.00
27.50
25.00
22.50
20.00
17.50
15.00
12.50
10.00
7.50
5.00
2.50
SW1
SW2
SW3
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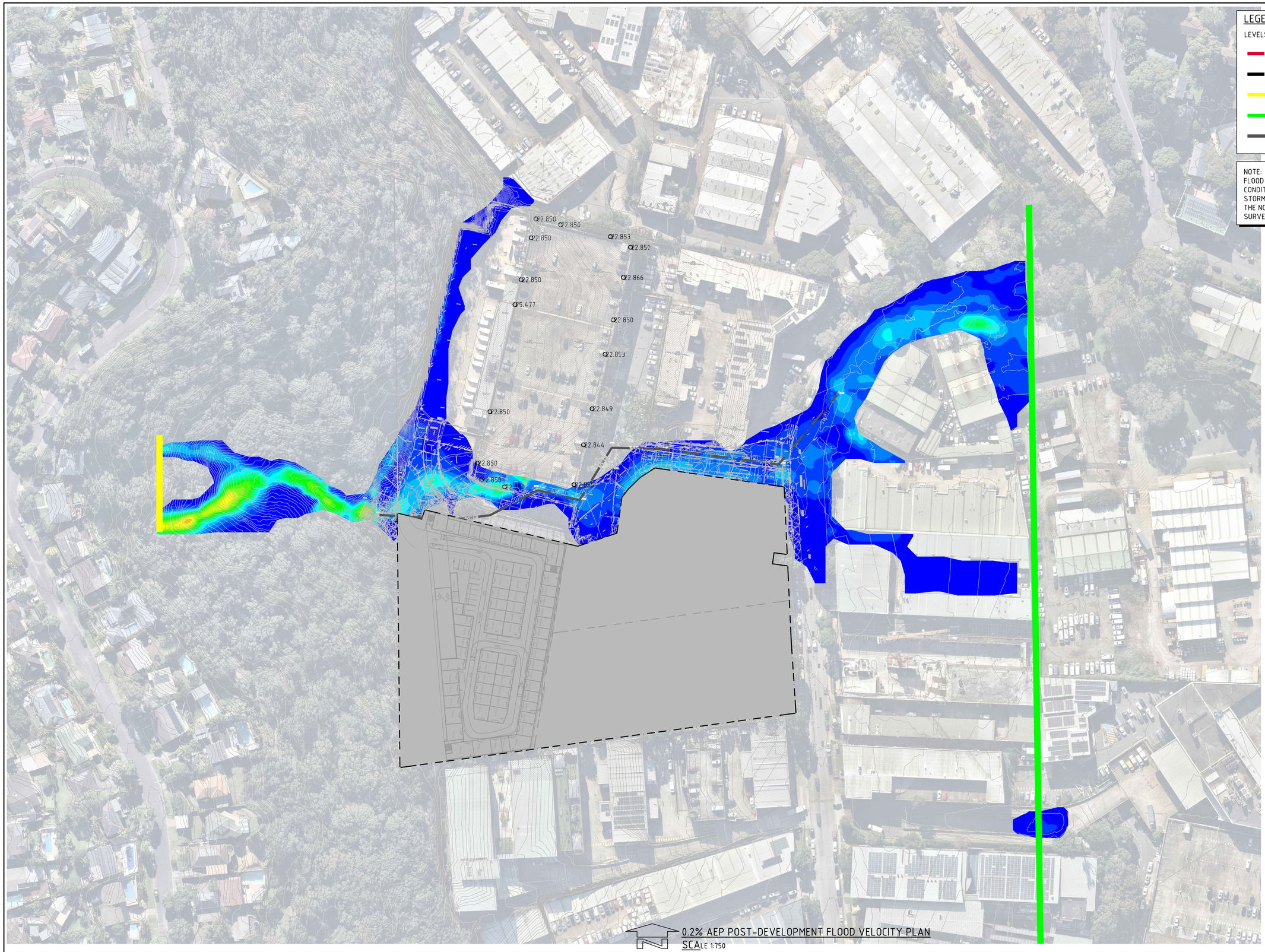

LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

0.2% AEP POST-DEVELOPMENT FLOOD VELOCITY PLAN
SCALE 1:750

FLOOD VELOCITY (m/s)

No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.250	
2	0.250	0.500	
3	0.500	0.750	
4	0.750	1.000	
5	1.000	1.250	
6	1.250	1.500	
7	1.500	1.750	
8	1.750	2.000	
9	2.000	2.250	
10	2.250	2.500	
11	2.500	2.750	
12	2.750	3.000	
13	3.000	3.250	
14	3.250	3.500	
15	3.500	3.750	
16	3.750	4.000	
17	4.000	4.250	
18	4.250	4.500	
19	4.500	4.750	
20	4.750	5.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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PROJECT
PROPOOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F351

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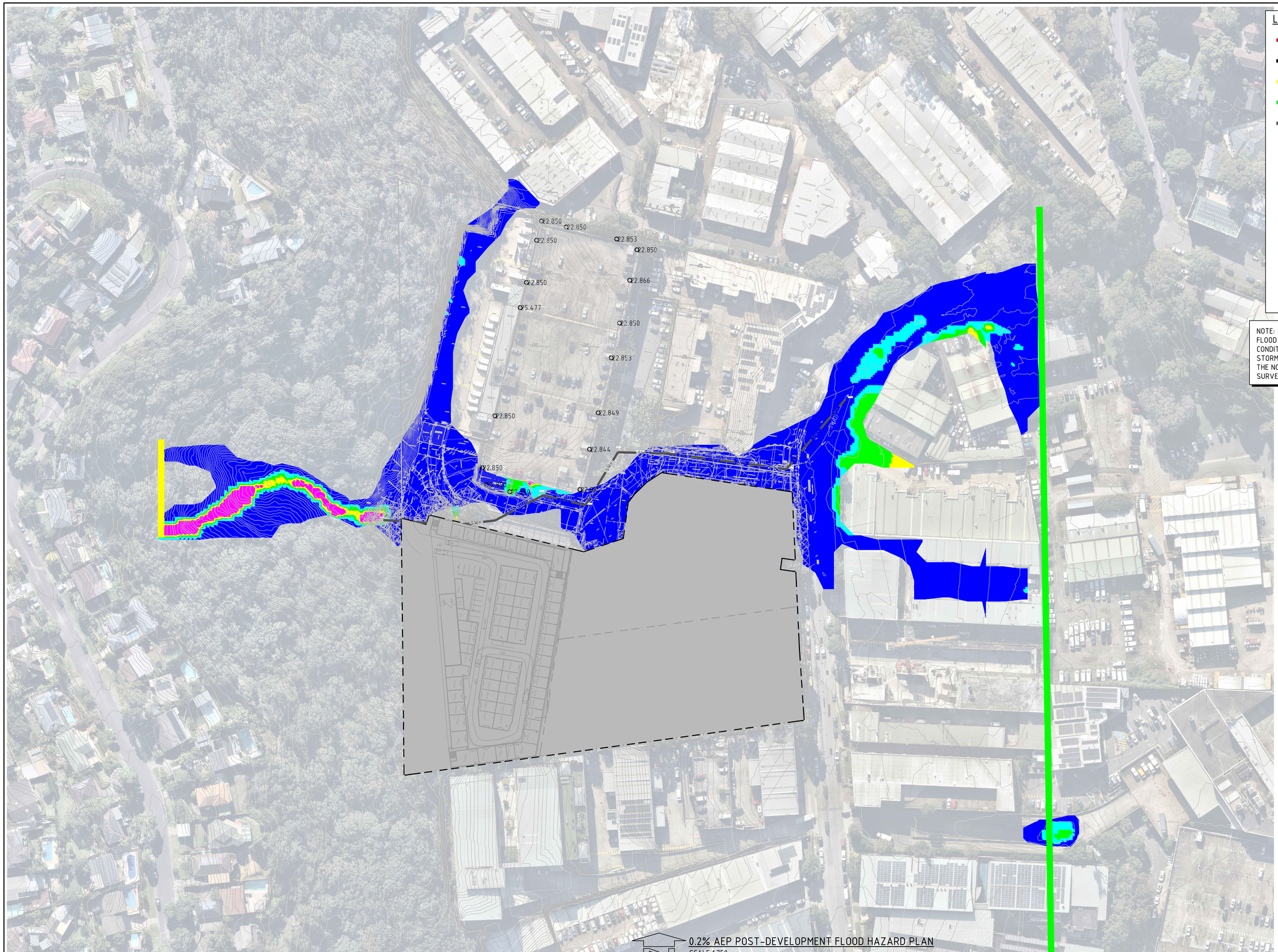
DRAWING TITLE
0.2% AEP POST-DEVELOPMENT FLOOD VELOCITY PLAN

DRAWING No C010628.01-F351
ISSUE A



FOR DEVELOPMENT APPLICATION

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AMENDMENTS	DATE	ISSUE

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PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F352

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COSTIN ROE CONSULTING
CIVIL & STRUCTURAL ENGINEERS

DRAWING TITLE
0.2% AEP POST-DEVELOPMENT
FLOOD HAZARD PLAN

DRAWING No	ISSUE
C010628.01-F352	A

LEGEND:

LEVELS DATUM IS AHD.

- 30.00 – FLOOD LEVEL CONTOUR (MAJOR) 1m INTERVALS
- 30.50 – FLOOD LEVEL CONTOUR (MINOR) 0.5m INTERVALS
- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- SWP – STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

FLOOD DEPTH (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.200	
2	0.200	0.400	
3	0.400	0.600	
4	0.600	0.800	
5	0.800	1.000	
6	1.000	1.500	
7	1.500	2.000	
8	2.000	2.500	
9	2.500	5.000	

PMF POST-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN
SCALE 1:750

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

ARCHITECT

CLIENT
CENTENNIAL

PROJECT
PROPOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F360

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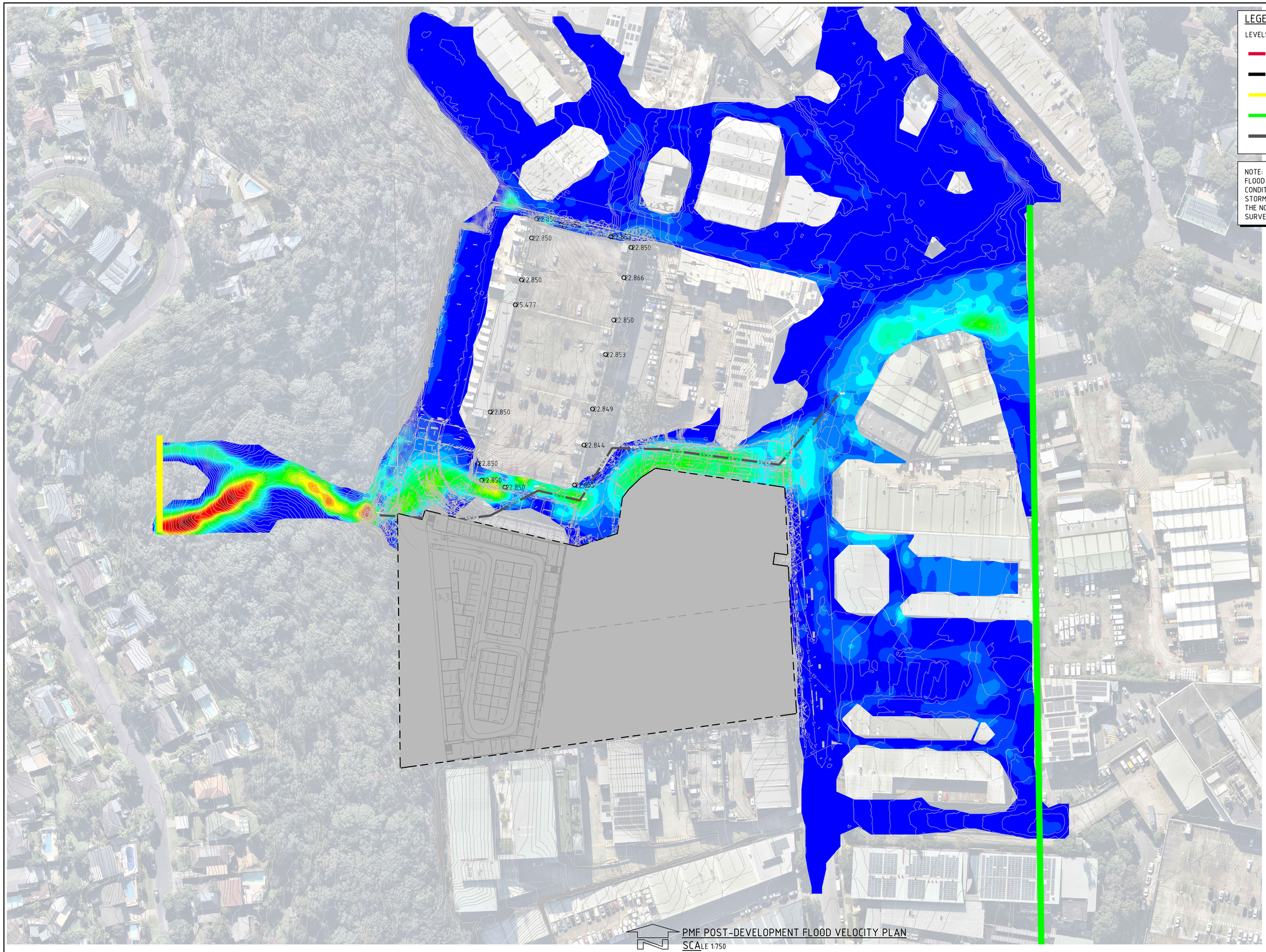
DRAWING TITLE
PMF POST-DEVELOPMENT
FLOOD LEVELS AND DEPTHS PLAN

DRAWING No C010628.01-F360
ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.

PMF POST-DEVELOPMENT FLOOD VELOCITY PLAN
SCALE 1:750

FLOOD VELOCITY (m/s)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.250	
2	0.250	0.500	
3	0.500	0.750	
4	0.750	1.000	
5	1.000	1.250	
6	1.250	1.500	
7	1.500	1.750	
8	1.750	2.000	
9	2.000	2.250	
10	2.250	2.500	
11	2.500	2.750	
12	2.750	3.000	
13	3.000	3.250	
14	3.250	3.500	
15	3.500	3.750	
16	3.750	4.000	
17	4.000	4.250	
18	4.250	4.500	
19	4.500	4.750	
20	4.750	5.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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PROJECT
PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG 2025	XC	B1	AS SHOWN	C010628.01-F361

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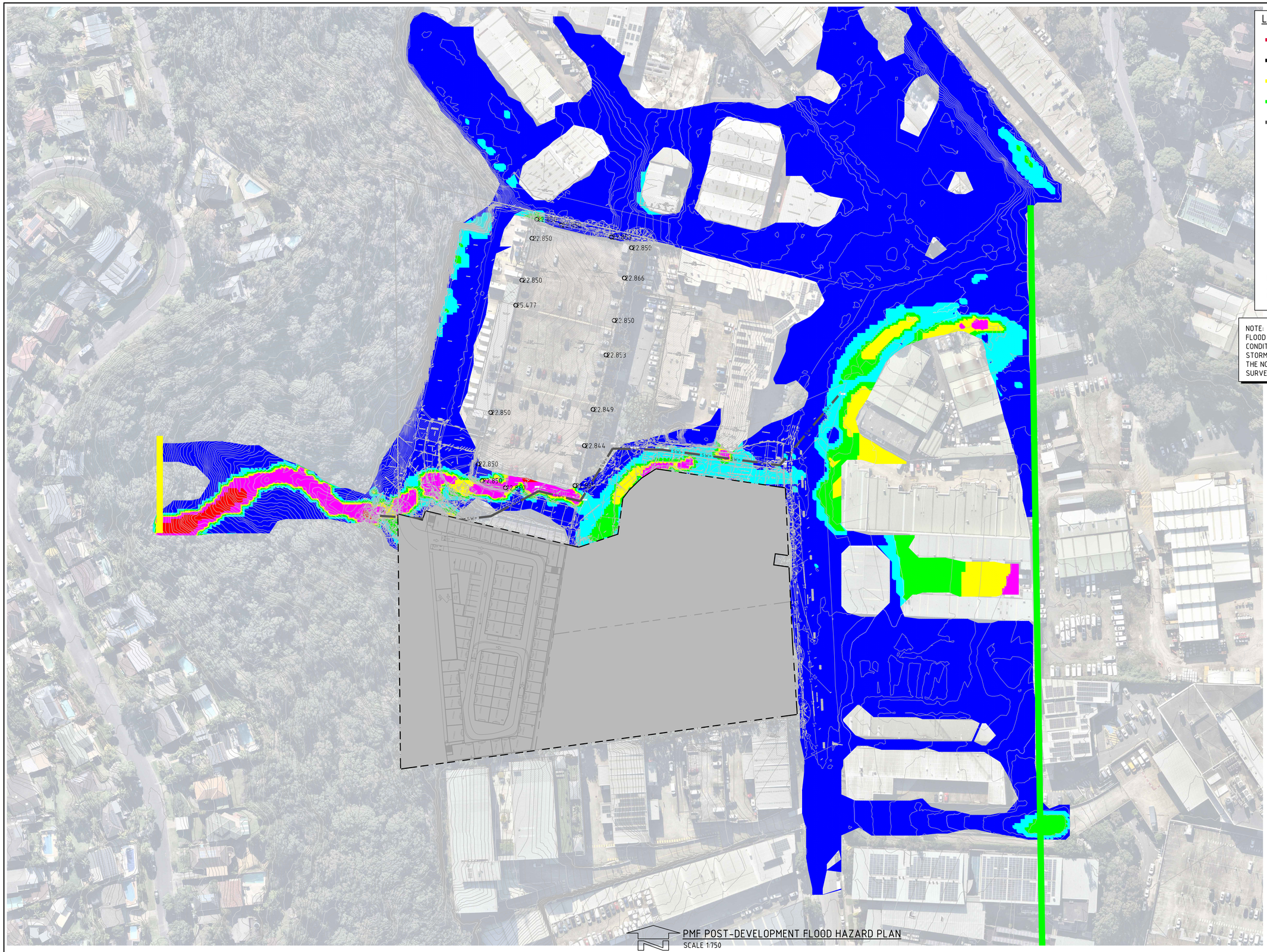
DRAWING TITLE
PMF POST-DEVELOPMENT
FLOOD VELOCITY PLAN

DRAWING No C010628.01-F361
ISSUE A


LEGEND:
– FLOOD MODELLING BOUNDARY
– SITE BOUNDARY
– INFLOW HYDROGRAPH
– OUTFLOW BOUNDARY
SW
– STORMWATER INFRASTRUCTURE
– H1
– H2
– H3
– H4
– H5
– H6
FLOOD HAZARD CLASSIFICATION AS PER AUSTRALIAN RAINFALL & RUNOFF 2019, A GUIDE TO FLOOD ESTIMATION – BOOK 6 – FLOOD HYDRAULICS
NOTE:
FLOOD CONDITIONS SHOWN FOR THE POST-DEVELOPMENT CONDITION.
STORMWATER DRAINAGE MODELLED BASED ON INFORMATION FROM THE NORTHERN BEACHES COUNCIL ONLINE MAPPING AND DETAILED SURVEY.
22.850
22.850
22.850
22.866
5.477
22.850
22.853
22.850
22.849
22.844
22.850
22.850
22.850
SW
SW
SW

2.850
2.850
2.850
2.853
2.850
2.850
2.866
5.477
2.850
2.853
2.850
2.849
2.844
2.850
2.835
SW>
SW>
SW>

LEGEND:

VELOCITYS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
FLOOD VELOCITY DIFFERENCE PROVIDED FOR THE EXISTING PRE-DEVELOPMENT SCENARIO VS THE PROPOSED POST-DEVELOPMENT SCENARIO

5% AEP FLOOD VELOCITY AFFLUX PLAN
SCALE 1:750

FLOOD VELOCITY AFFLUX (m/s)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	-1.500	-1.250	
2	-1.250	-1.000	
3	-1.000	-0.750	
4	-0.750	-0.500	
5	-0.500	-0.250	
6	-0.250	-0.050	
7	-0.050	0.050	
8	0.050	0.250	
9	0.250	0.500	
10	0.500	0.750	
11	0.750	1.000	
12	1.000	1.250	
13	1.250	1.500	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
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AMENDMENTS	DATE	ISSUE

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PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

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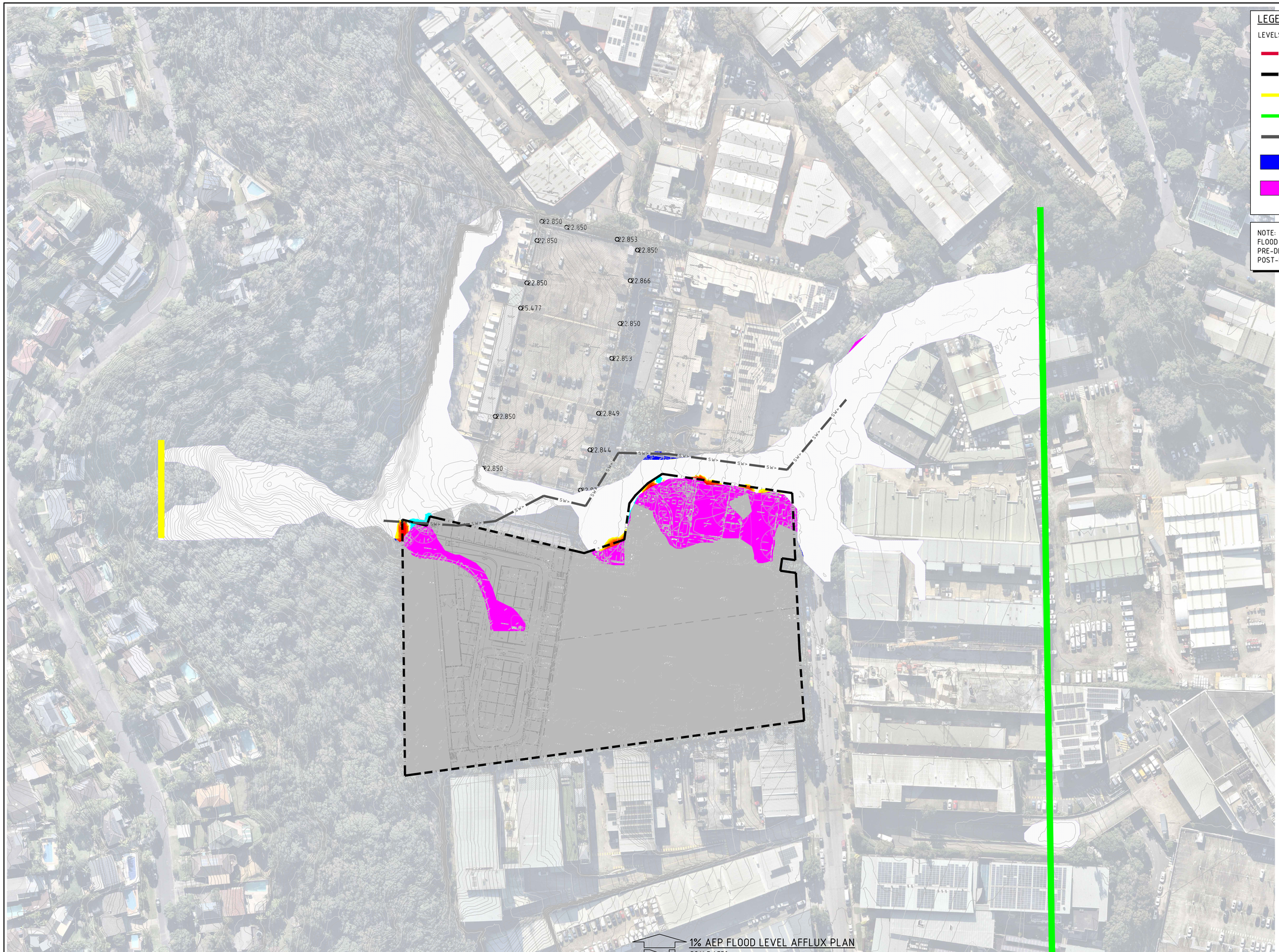
DRAWING TITLE
5% AEP FLOOD VELOCITY AFFLUX PLAN

DRAWING No C010628.01-F521
ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE
- WAS DRY NOW WET
- WAS WET NOW DRY

NOTE:
FLOOD LEVEL DIFFERENCE PROVIDED FOR THE EXISTING PRE-DEVELOPMENT SCENARIO VS THE PROPOSED POST-DEVELOPMENT SCENARIO

1% AEP FLOOD LEVEL AFFLUX PLAN
SCALE 1:750

FLOOD LEVEL AFFLUX (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	-1.000	-0.020	
2	-0.020	0.020	
3	0.020	0.030	
4	0.030	0.040	
5	0.040	0.050	
6	0.050	0.100	
7	0.100	0.250	
8	0.250	0.500	
9	0.500	1.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
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AMENDMENTS	DATE	ISSUE

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FOR INDUSTRIAL DEVELEOPMENT
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DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F530

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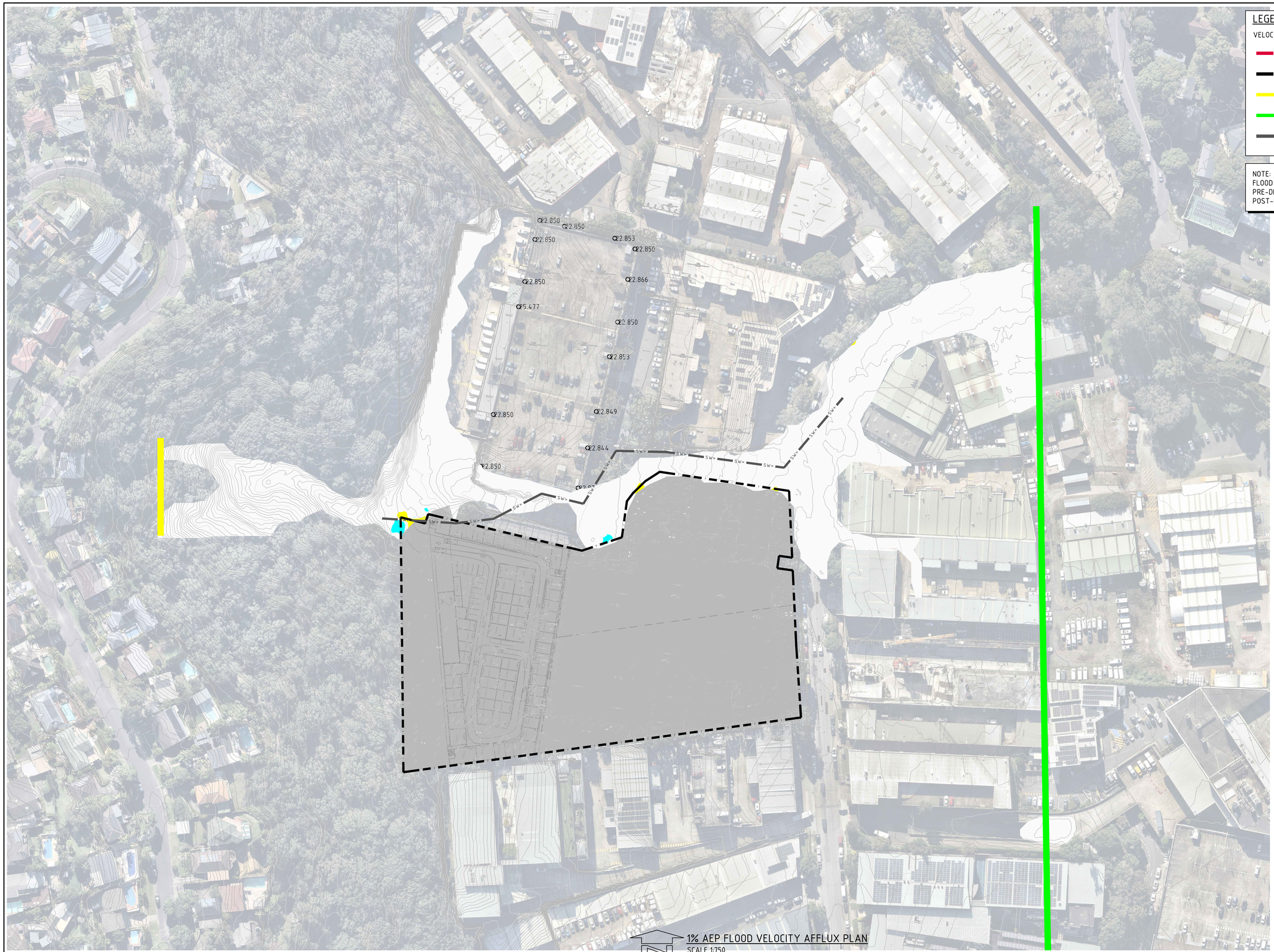
DRAWING TITLE
1% AEP FLOOD FLOOD LEVEL AFFLUX PLAN

DRAWING No C010628.01-F530
ISSUE A



LEGEND:

VELOCITYS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- SW - STORMWATER INFRASTRUCTURE

NOTE:
FLOOD VELOCITY DIFFERENCE PROVIDED FOR THE EXISTING PRE-DEVELOPMENT SCENARIO VS THE PROPOSED POST-DEVELOPMENT SCENARIO

1% AEP FLOOD VELOCITY AFFLUX PLAN
SCALE 1:750

FLOOD VELOCITY AFFLUX (m/s)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	-1.500	-1.250	
2	-1.250	-1.000	
3	-1.000	-0.750	
4	-0.750	-0.500	
5	-0.500	-0.250	
6	-0.250	-0.050	
7	-0.050	0.050	
8	0.050	0.250	
9	0.250	0.500	
10	0.500	0.750	
11	0.750	1.000	
12	1.000	1.250	
13	1.250	1.500	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
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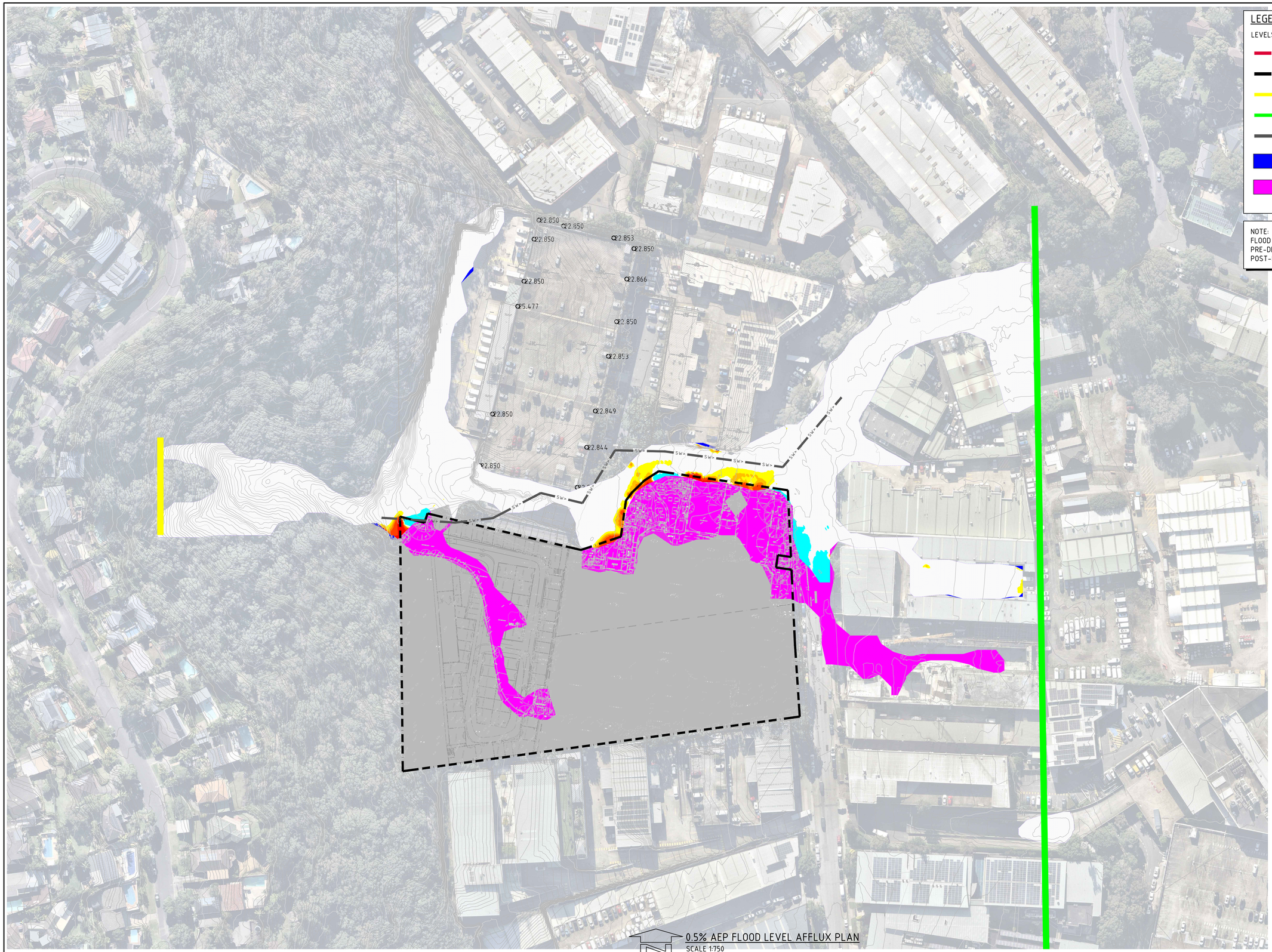
DRAWING TITLE
1% AEP FLOOD VELOCITY AFFLUX PLAN

DRAWING No C010628.01-F531
ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE
- WAS DRY NOW WET
- WAS WET NOW DRY

NOTE:
FLOOD LEVEL DIFFERENCE PROVIDED FOR THE EXISTING PRE-DEVELOPMENT SCENARIO VS THE PROPOSED POST-DEVELOPMENT SCENARIO

0.5% AEP FLOOD LEVEL AFFLUX PLAN
SCALE 1:750

FLOOD LEVEL AFFLUX (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	-1.000	-0.020	
2	-0.020	0.020	
3	0.020	0.030	
4	0.030	0.040	
5	0.040	0.050	
6	0.050	0.100	
7	0.100	0.250	
8	0.250	0.500	
9	0.500	1.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
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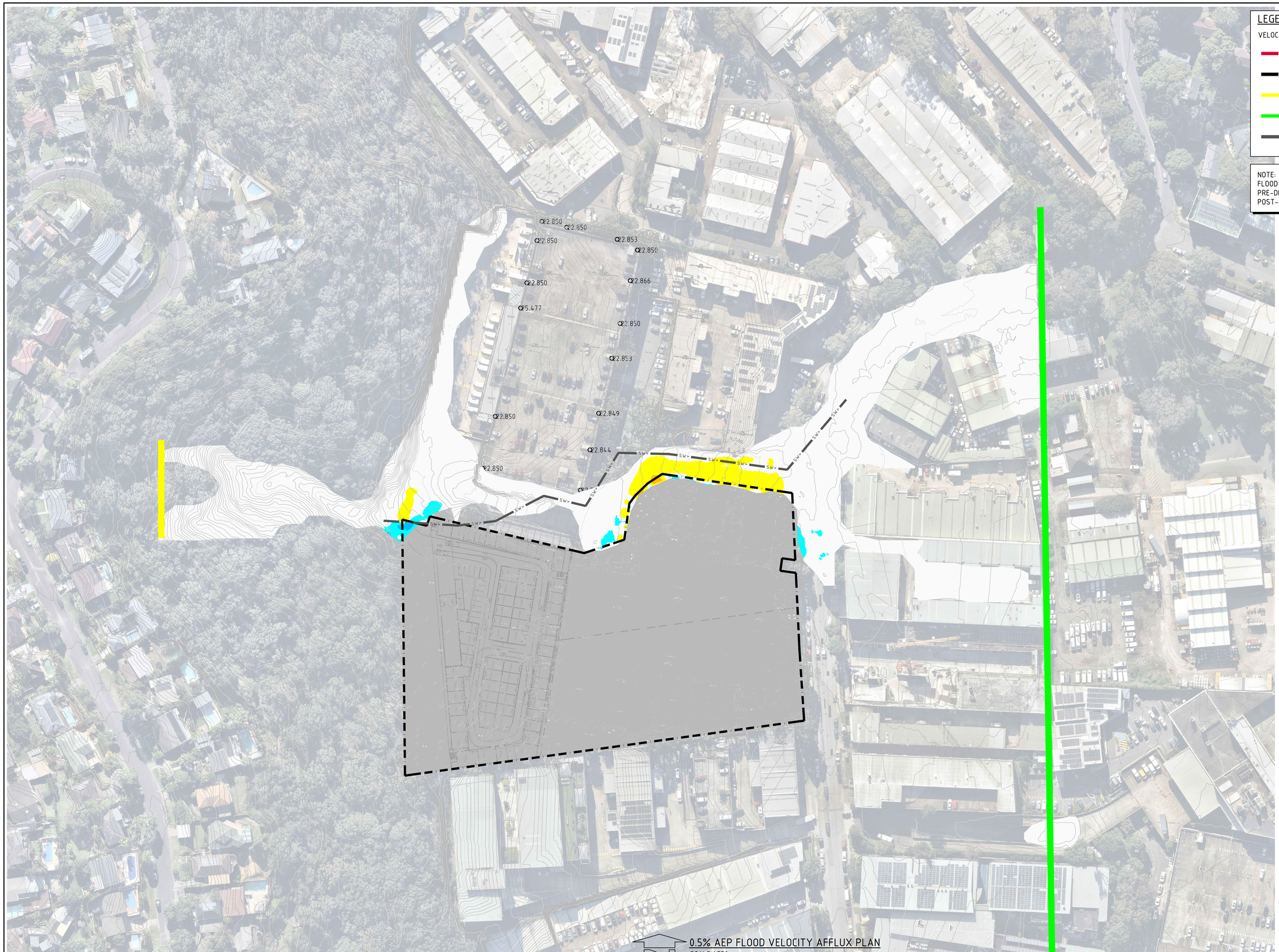
DRAWING TITLE
0.5% AEP FLOOD FLOOD LEVEL AFFLUX PLAN

DRAWING No C010628.01-F540
ISSUE A



LEGEND:

VELOCITYS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- SW - STORMWATER INFRASTRUCTURE

NOTE:
FLOOD VELOCITY DIFFERENCE PROVIDED FOR THE EXISTING PRE-DEVELOPMENT SCENARIO VS THE PROPOSED POST-DEVELOPMENT SCENARIO

0.5% AEP FLOOD VELOCITY AFFLUX PLAN

SCALE 1:750

FLOOD VELOCITY AFFLUX (m/s)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	-1.500	-1.250	
2	-1.250	-1.000	
3	-1.000	-0.750	
4	-0.750	-0.500	
5	-0.500	-0.250	
6	-0.250	-0.050	
7	-0.050	0.050	
8	0.050	0.250	
9	0.250	0.500	
10	0.500	0.750	
11	0.750	1.000	
12	1.000	1.250	
13	1.250	1.500	

6m 0 15 30 45 60 75m

SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F541

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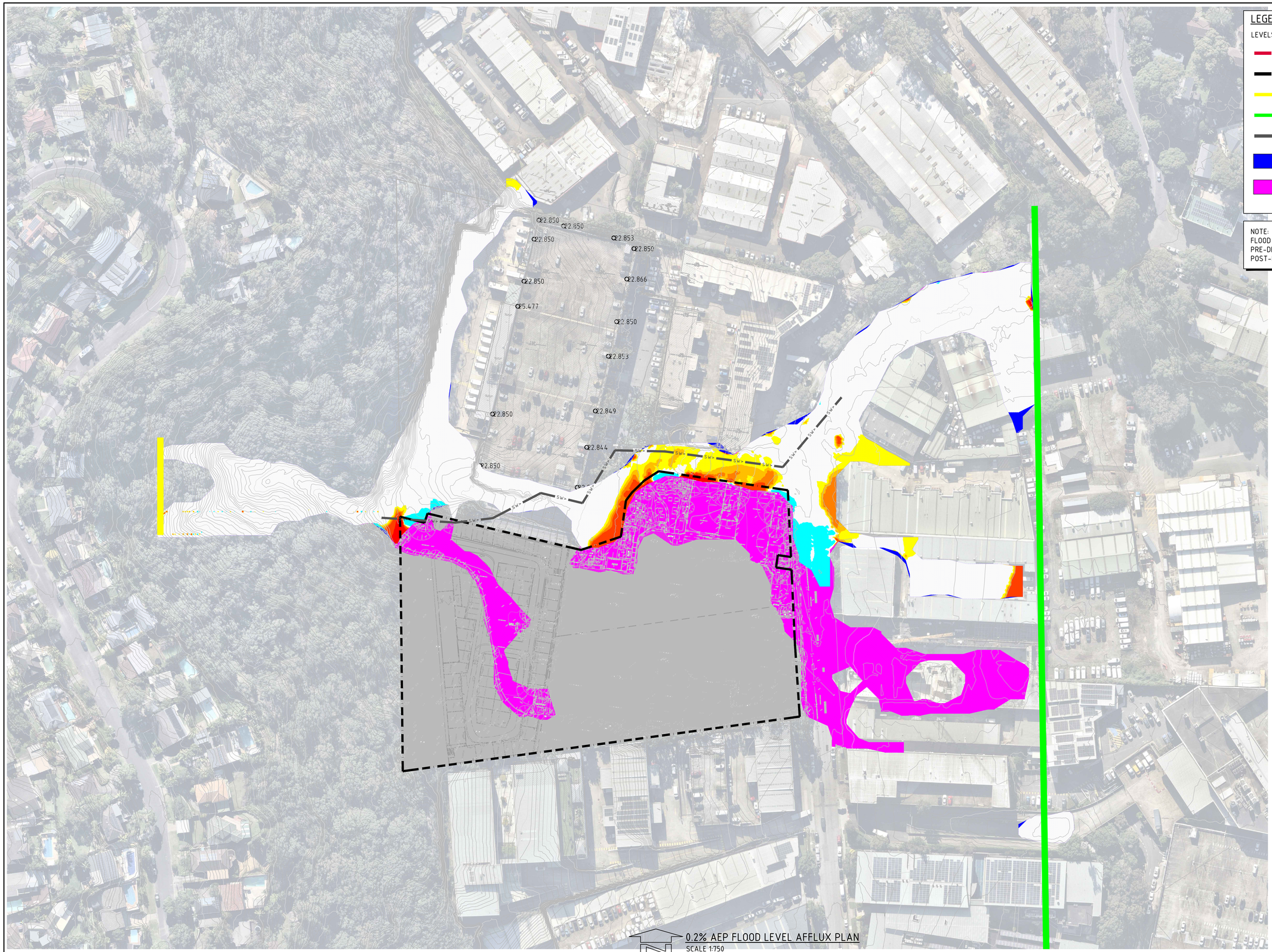
DRAWING TITLE
0.5% AEP FLOOD VELOCITY AFFLUX PLAN

DRAWING No C010628.01-F541

ISSUE A



LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE
- WAS DRY NOW WET
- WAS WET NOW DRY

NOTE:
FLOOD LEVEL DIFFERENCE PROVIDED FOR THE EXISTING PRE-DEVELOPMENT SCENARIO VS THE PROPOSED POST-DEVELOPMENT SCENARIO

0.2% AEP FLOOD LEVEL AFFLUX PLAN
SCALE 1:750

FLOOD LEVEL AFFLUX (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	-1.000	-0.020	
2	-0.020	0.020	
3	0.020	0.030	
4	0.030	0.040	
5	0.040	0.050	
6	0.050	0.100	
7	0.100	0.250	
8	0.250	0.500	
9	0.500	1.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
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AMENDMENTS	DATE	ISSUE

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PROJECT
PROPOOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F550

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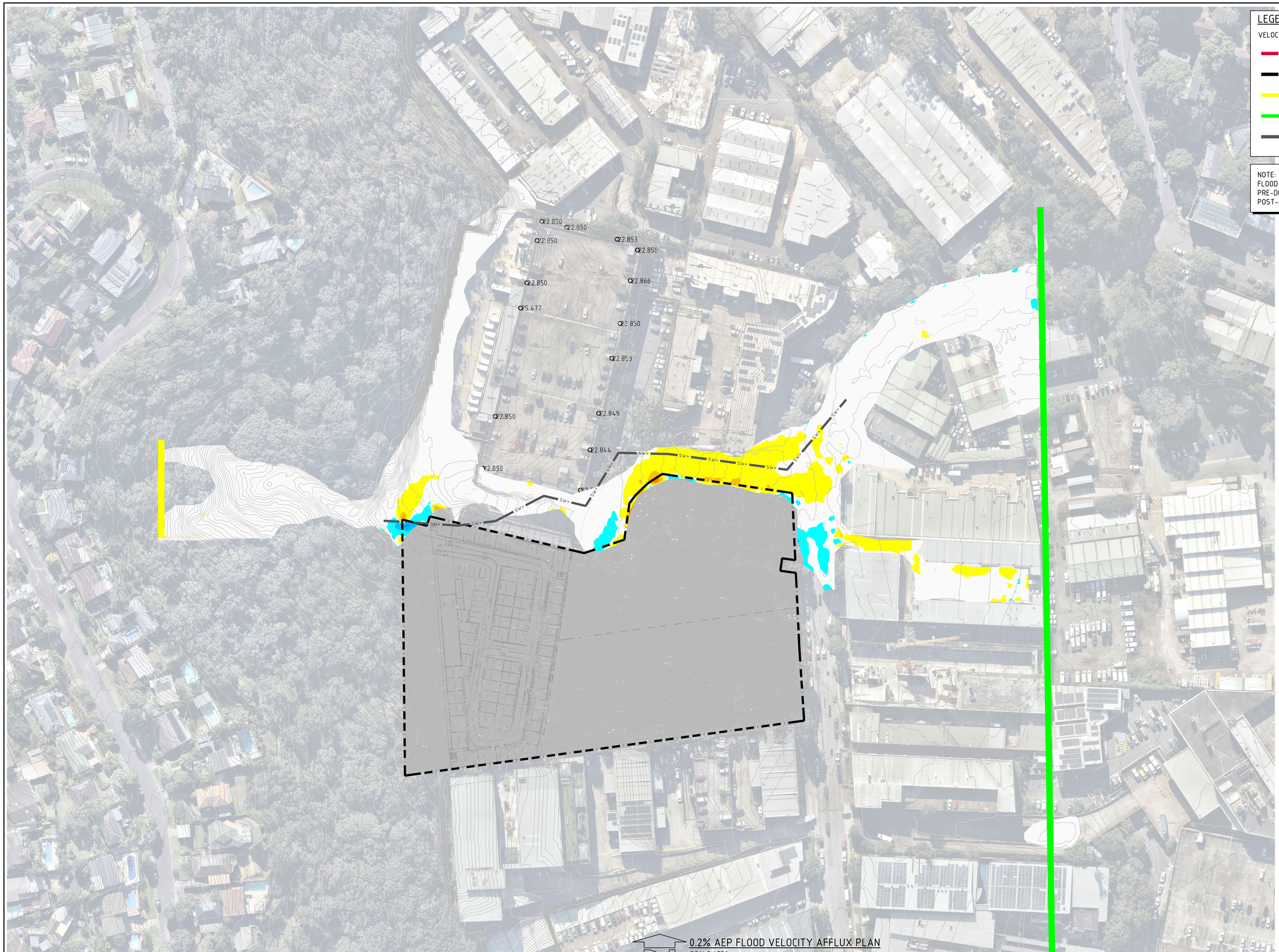
DRAWING TITLE
0.2% AEP FLOOD FLOOD LEVEL AFFLUX PLAN

DRAWING No C010628.01-F550
ISSUE A



LEGEND:

VELOCITYS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- SW STORMWATER INFRASTRUCTURE

NOTE:
FLOOD VELOCITY DIFFERENCE PROVIDED FOR THE EXISTING PRE-DEVELOPMENT SCENARIO VS THE PROPOSED POST-DEVELOPMENT SCENARIO

0.2% AEP FLOOD VELOCITY AFFLUX PLAN

SCALE 1:750

FLOOD VELOCITY AFFLUX (m/s)

No.	FROM DEPTH	TO DEPTH	COLOUR
1	-1.500	-1.250	
2	-1.250	-1.000	
3	-1.000	-0.750	
4	-0.750	-0.500	
5	-0.500	-0.250	
6	-0.250	-0.050	
7	-0.050	0.050	
8	0.050	0.250	
9	0.250	0.500	
10	0.500	0.750	
11	0.750	1.000	
12	1.000	1.250	
13	1.250	1.500	

6m 0 15 30 45 60 75m

SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

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FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F551

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DRAWING TITLE
0.2% AEP FLOOD VELOCITY AFFLUX PLAN

DRAWING No C010628.01-F551

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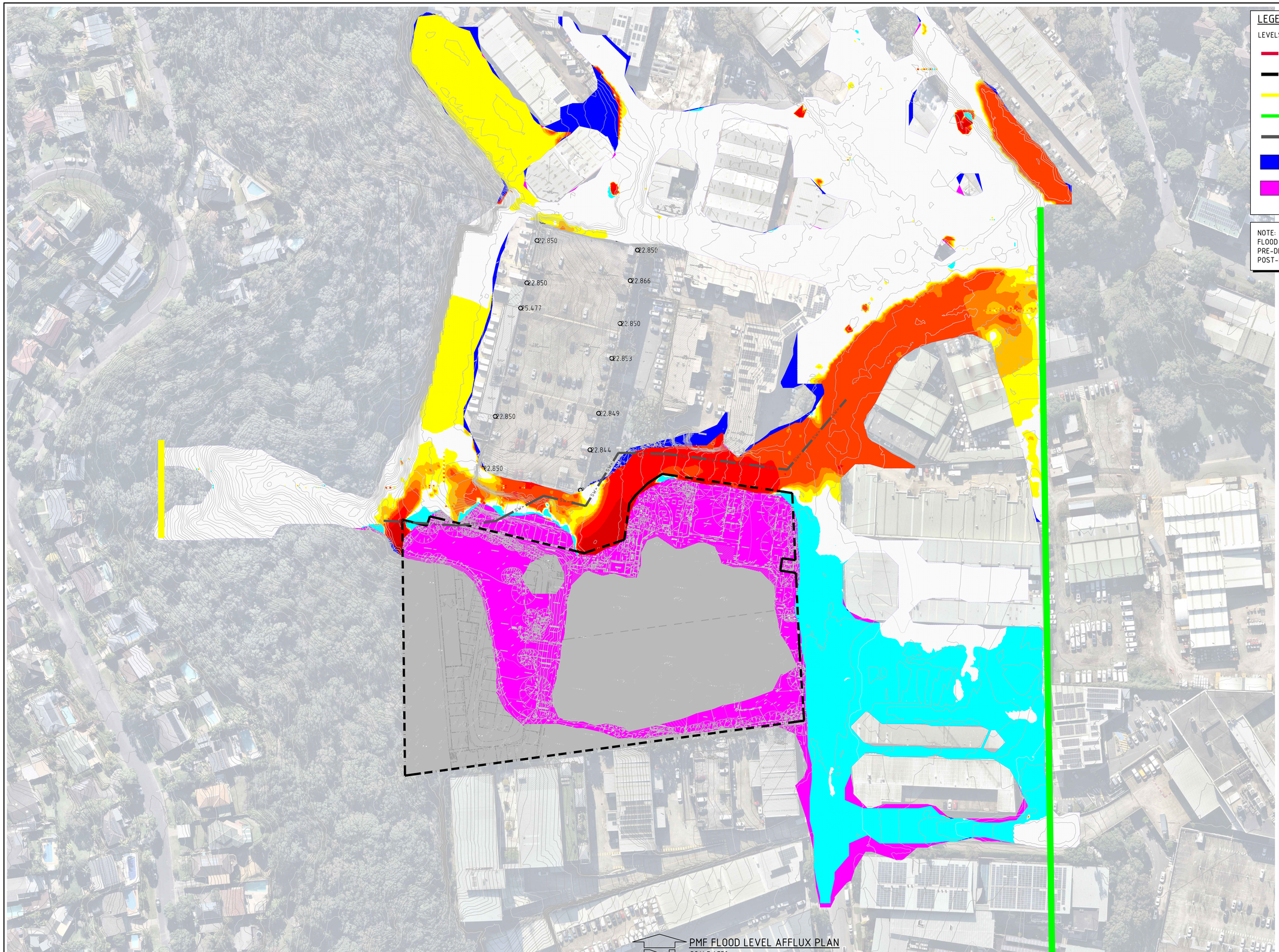

LEGEND:

LEVELS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE
- WAS DRY NOW WET
- WAS WET NOW DRY

NOTE:
FLOOD LEVEL DIFFERENCE PROVIDED FOR THE EXISTING PRE-DEVELOPMENT SCENARIO VS THE PROPOSED POST-DEVELOPMENT SCENARIO

PMF FLOOD LEVEL AFFLUX PLAN
SCALE 1:750

FLOOD LEVEL AFFLUX (m)

No.	FROM DEPTH	TO DEPTH	COLOUR
1	-1.000	-0.020	
2	-0.020	0.020	
3	0.020	0.030	
4	0.030	0.040	
5	0.040	0.050	
6	0.050	0.100	
7	0.100	0.250	
8	0.250	0.500	
9	0.500	1.000	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

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AMENDMENTS	DATE	ISSUE

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PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F560

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DRAWING TITLE
PMF FLOOD FLOOD LEVEL AFFLUX PLAN

DRAWING No C010628.01-F560
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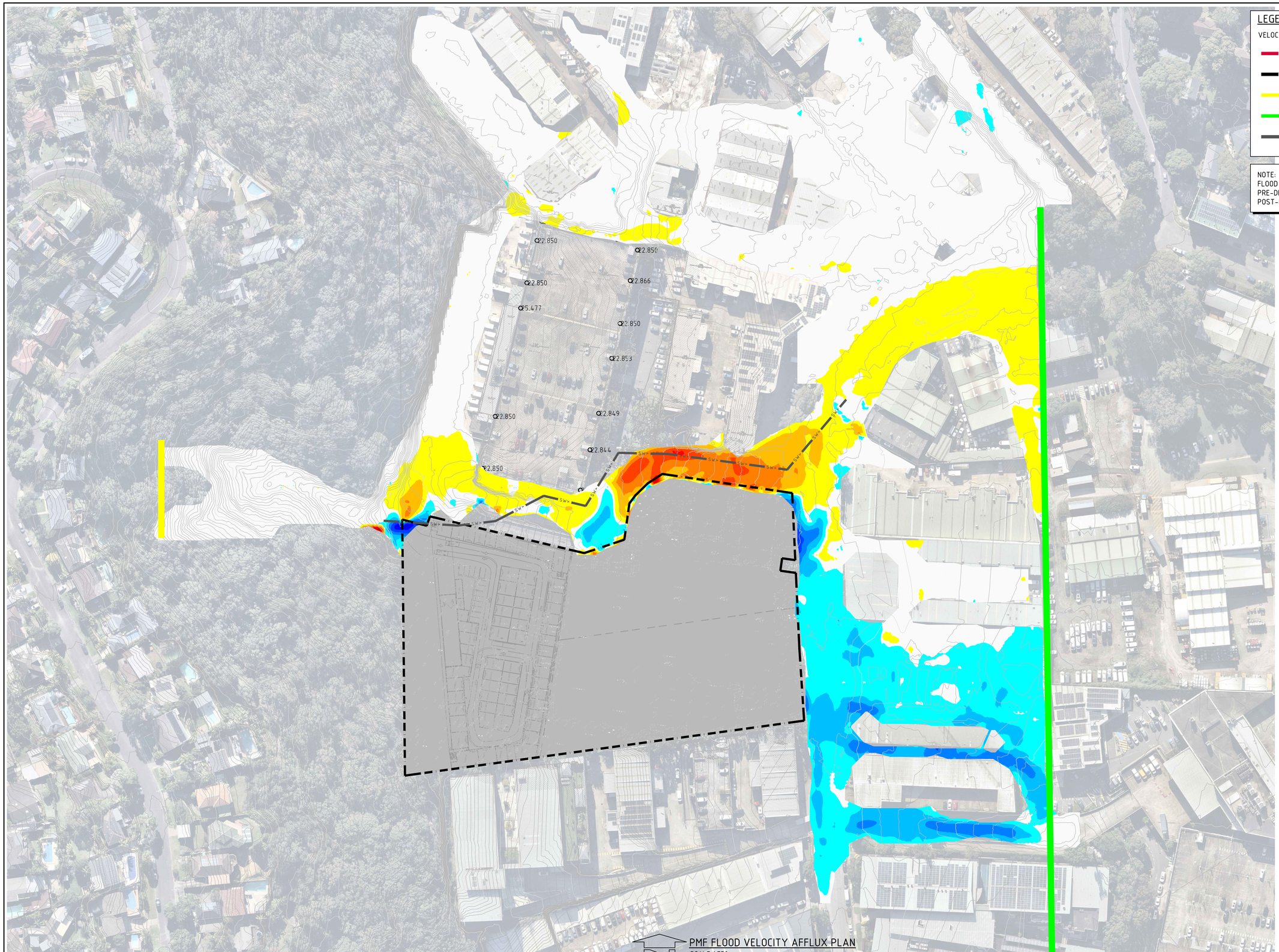

LEGEND:

VELOCITYS DATUM IS AHD.

- FLOOD MODELLING BOUNDARY
- SITE BOUNDARY
- INFLOW HYDROGRAPH
- OUTFLOW BOUNDARY
- STORMWATER INFRASTRUCTURE

NOTE:
FLOOD VELOCITY DIFFERENCE PROVIDED FOR THE EXISTING PRE-DEVELOPMENT SCENARIO VS THE PROPOSED POST-DEVELOPMENT SCENARIO

PMF FLOOD VELOCITY AFFLUX PLAN
SCALE 1:750

FLOOD VELOCITY AFFLUX (m/s)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	-1.500	-1.250	
2	-1.250	-1.000	
3	-1.000	-0.750	
4	-0.750	-0.500	
5	-0.500	-0.250	
6	-0.250	-0.050	
7	-0.050	0.050	
8	0.050	0.250	
9	0.250	0.500	
10	0.500	0.750	
11	0.750	1.000	
12	1.000	1.250	
13	1.250	1.500	

6m 0 15 30 45 60 75m
SCALE 1:750 AT B1 SIZE SHEET

FOR DEVELOPMENT APPLICATION

AMENDMENTS	DATE	ISSUE
ISSUED FOR DEVELOPMENT APPLICATION	12.09.25	A

AMENDMENTS	DATE	ISSUE

ARCHITECT

CLIENT
CENTENNIAL

PROJECT
PROPOOSED LAND SUBDIVISION
FOR INDUSTRIAL DEVELEOPMENT
114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
TW	JB	AUG' 2025	XC	B1	AS SHOWN	C010628.01-F561

CONSULT AUSTRALIA

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CIVIL & STRUCTURAL ENGINEERS

DRAWING TITLE
PMF FLOOD VELOCITY AFFLUX PLAN

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