

SCALE: 1:2,500



SCALE: 1:5,000

LEGEND	
	PROPERTY BOUNDARY
	ROADS
	GOULBURN-MURRAY WATER DRAINS
	GOULBURN-MURRAY WATER CHANNELS
	WATERCOURSE
	PSP BOUNDARY
	MAJOR CONTOURS (1m)
	MINOR CONTOURS (0.1m)

REV	DESCRIPTION	APP'D	DATE
B	FINAL FUNCTIONAL DESIGN SSEPSP	JB	11.03.22
A	DRAFT FUNCTIONAL DESIGN SSEPSP	JB	07.12.21

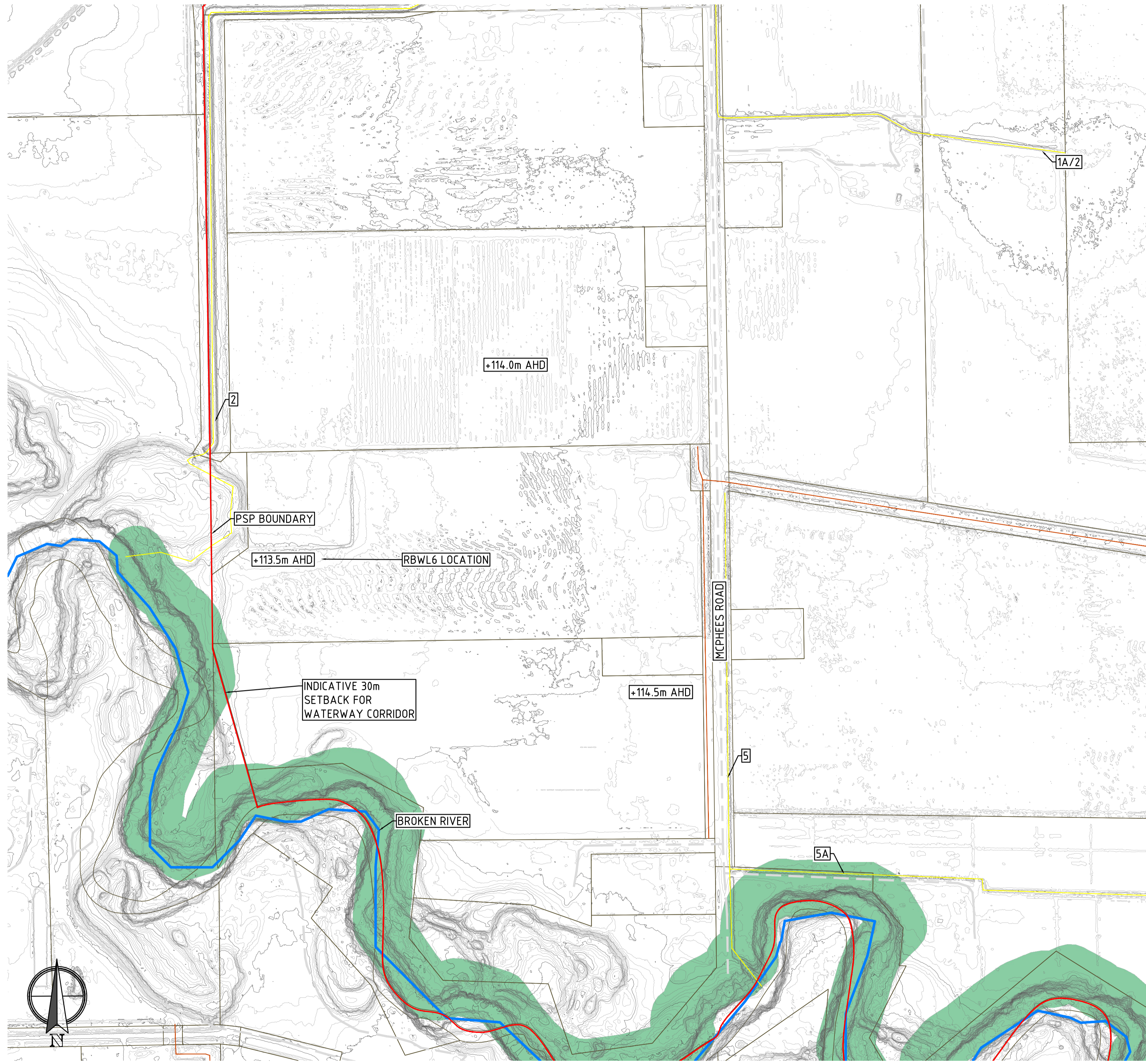


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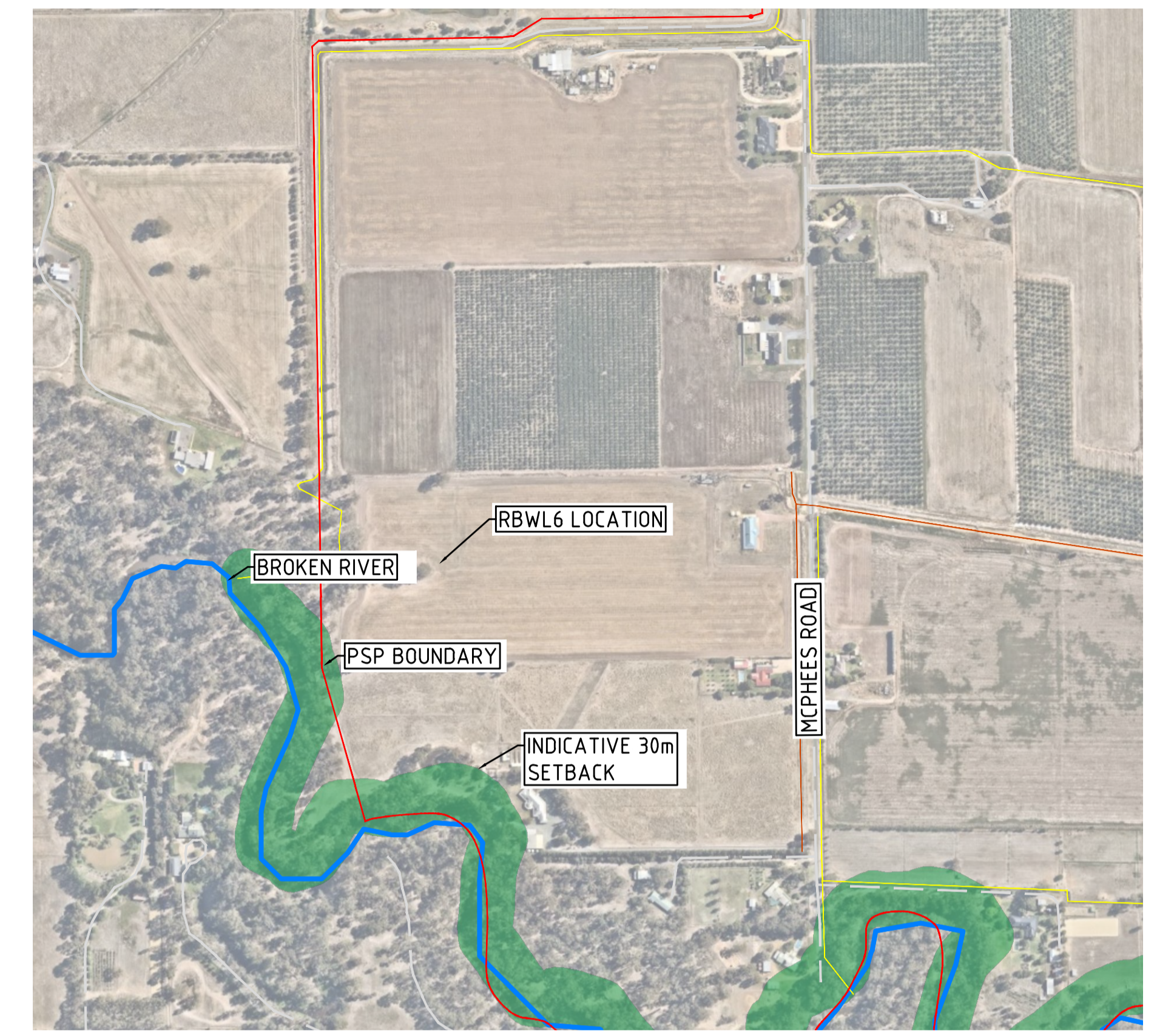
VICTORIAN PLANNING AUTHORITY
 SHEPPARTON SOUTH EAST PRECINCT STRUCTURE PLAN
 FUNCTIONAL DESIGN DRAWINGS
 RBWL 5 EXISTING CONDITIONS

DESIGNED: AM	DRAWN: KP	CHECKED: JB	APPROVED: SC	PROJECT No: 0121036.1
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REVISION: B	SHEET No.: 8 of 40	ORIGINAL SIZE: A1	SCALE: SEE ABOVE
		DATUM: m AHD (MGA 255)	



SCALE: 1:2,500



SCALE: 1:5,000

LEGEND	
	PROPERTY BOUNDARY
	ROADS
	GOULBURN-MURRAY WATER DRAINS
	GOULBURN-MURRAY WATER CHANNELS
	WATERCOURSE
	PSP BOUNDARY
	MAJOR CONTOURS (1m)
	MINOR CONTOURS (0.1m)
	30m SETBACK FROM BROKEN RIVER

REV	DESCRIPTION	APP'D	DATE
B	FINAL FUNCTIONAL DESIGN SSEPSP	JB	11.03.22
A	DRAFT FUNCTIONAL DESIGN SSEPSP	JB	07.12.21

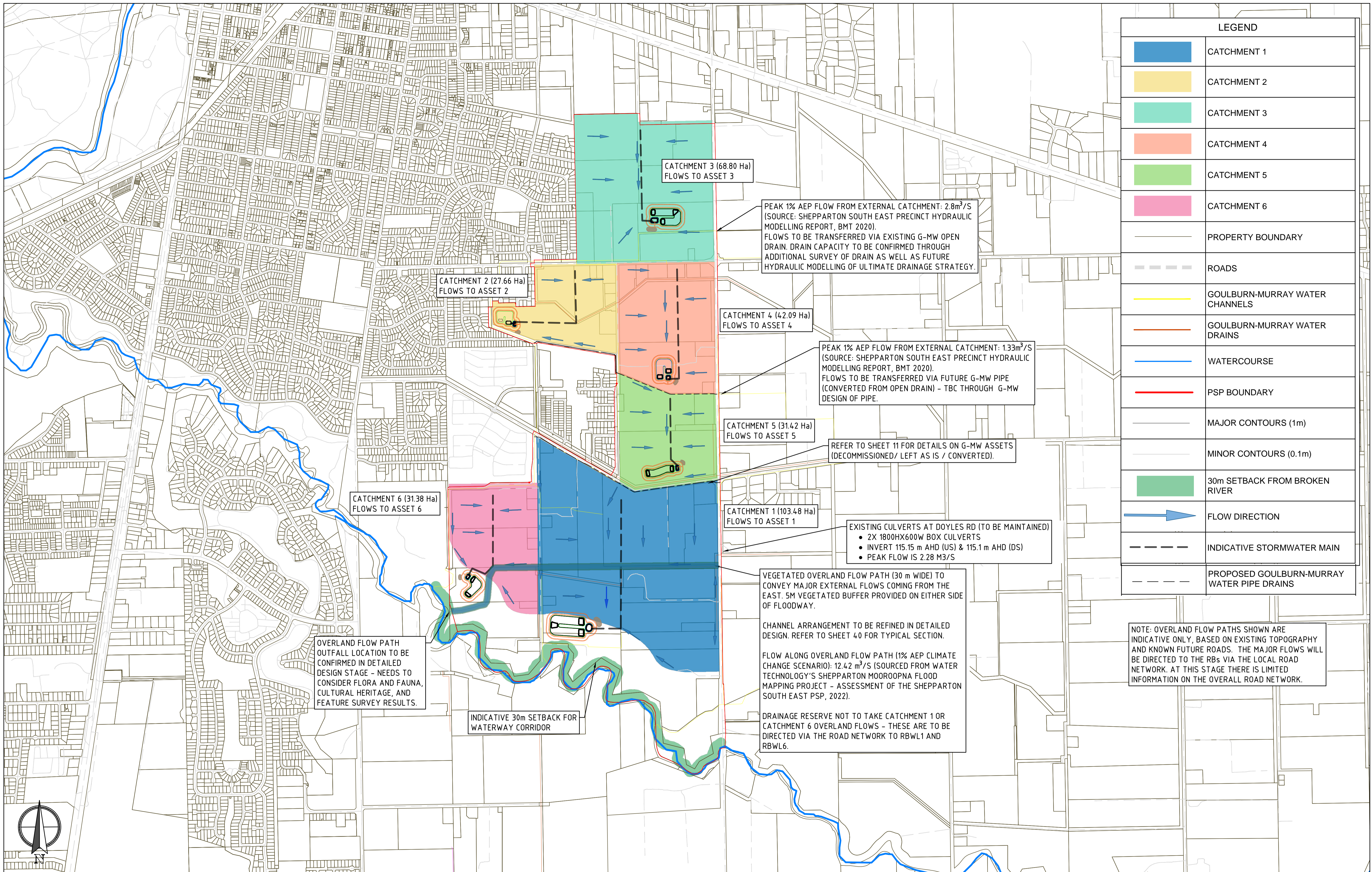


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VICTORIAN PLANNING AUTHORITY
 SHEPPARTON SOUTH EAST PRECINCT STRUCTURE PLAN
 FUNCTIONAL DESIGN DRAWINGS
 RBWL 6 EXISTING CONDITIONS

DESIGNED: AM	DRAWN: KP	CHECKED: JB	APPROVED: SC	PROJECT No: 0121036.1
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REVISION: B	SHEET No.: 9 of 40	ORIGINAL SIZE: A1	SCALE: SEE ABOVE
		DATUM: m AHD (MGA 255)	



REV	DESCRIPTION	APP'D	DATE
D	FINAL FUNCTIONAL DESIGN SSEPSP	JB	31.05.22
C	FINAL FUNCTIONAL DESIGN SSEPSP	JB	29.03.22
B	FINAL FUNCTIONAL DESIGN SSEPSP	JB	11.03.22
A	DRAFT FUNCTIONAL DESIGN SSEPSP	JB	07.12.21

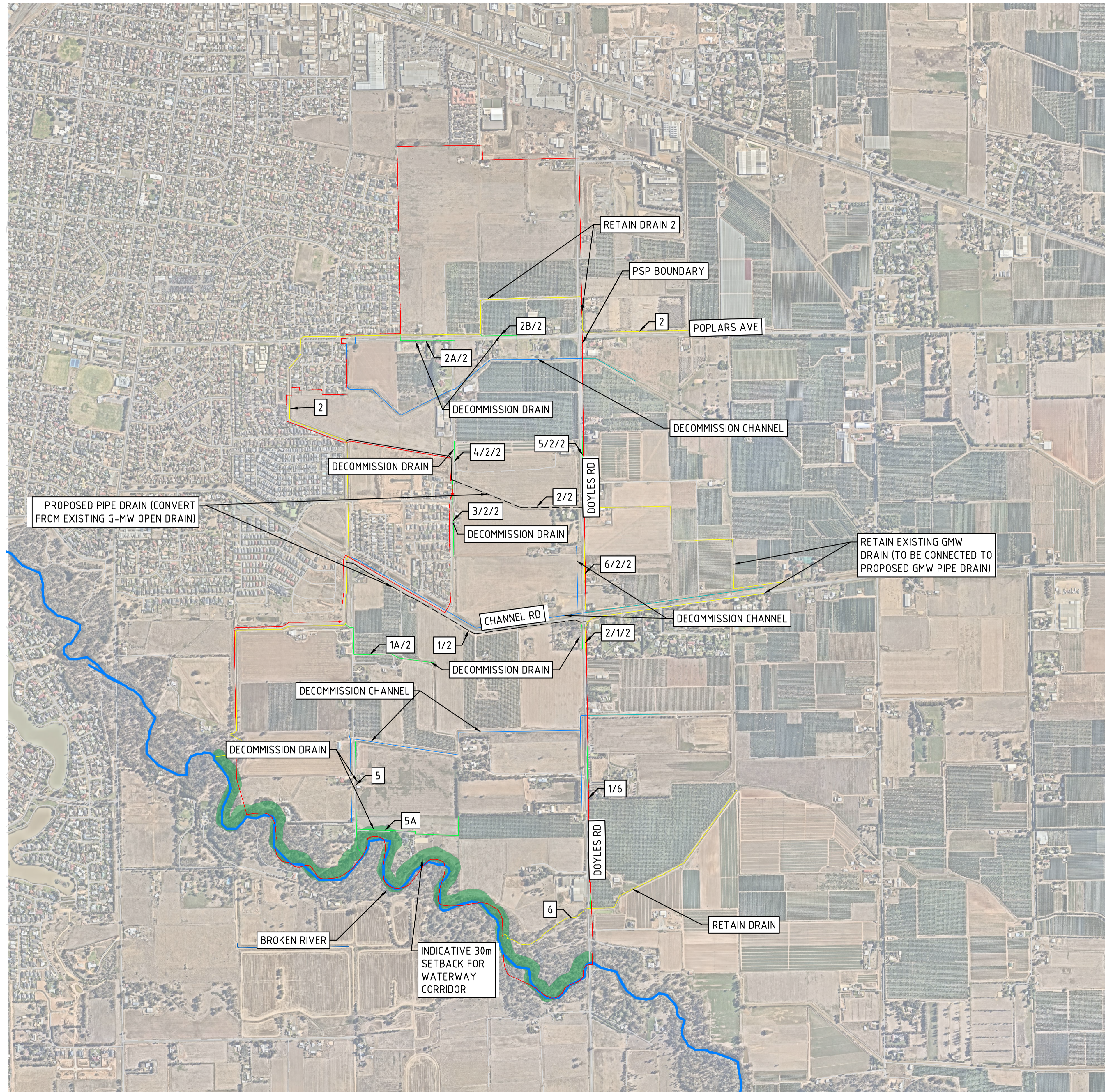


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**VICTORIAN PLANNING AUTHORITY
 SHEPPARTON SOUTH EAST PRECINCT STRUCTURE PLAN
 FUNCTIONAL DESIGN DRAWINGS
 CATCHMENT PLAN**

DESIGNED: AM	DRAWN: KP	CHECKED: JB	APPROVED: SC	PROJECT No: 0121036.1
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REVISION: D	SHEET No.: 10 of 40	ORIGINAL SIZE: A1	SCALE: 1:10,000
		DATUM: m AHD (MGA 255)	0 200 400 600m



LEGEND	
	PROPERTY BOUNDARY
	ROADS
	DECOMMISSION GOULBURN-MURRAY WATER DRAINS
	DECOMMISSION GOULBURN-MURRAY WATER CHANNELS
	RETAIN GOULBURN-MURRAY WATER DRAINS
	PROPOSED GOULBURN-MURRAY WATER PIPE DRAINS
	WATERCOURSE
	PSP BOUNDARY
	MAJOR CONTOURS (1m)
	MINOR CONTOURS (0.1m)
	30m SETBACK FROM BROKEN RIVER

REV	DESCRIPTION	APP'D	DATE
B	FINAL FUNCTIONAL DESIGN SSESP	JB	11.03.22
A	DRAFT FUNCTIONAL DESIGN SSESP	JB	07.12.21

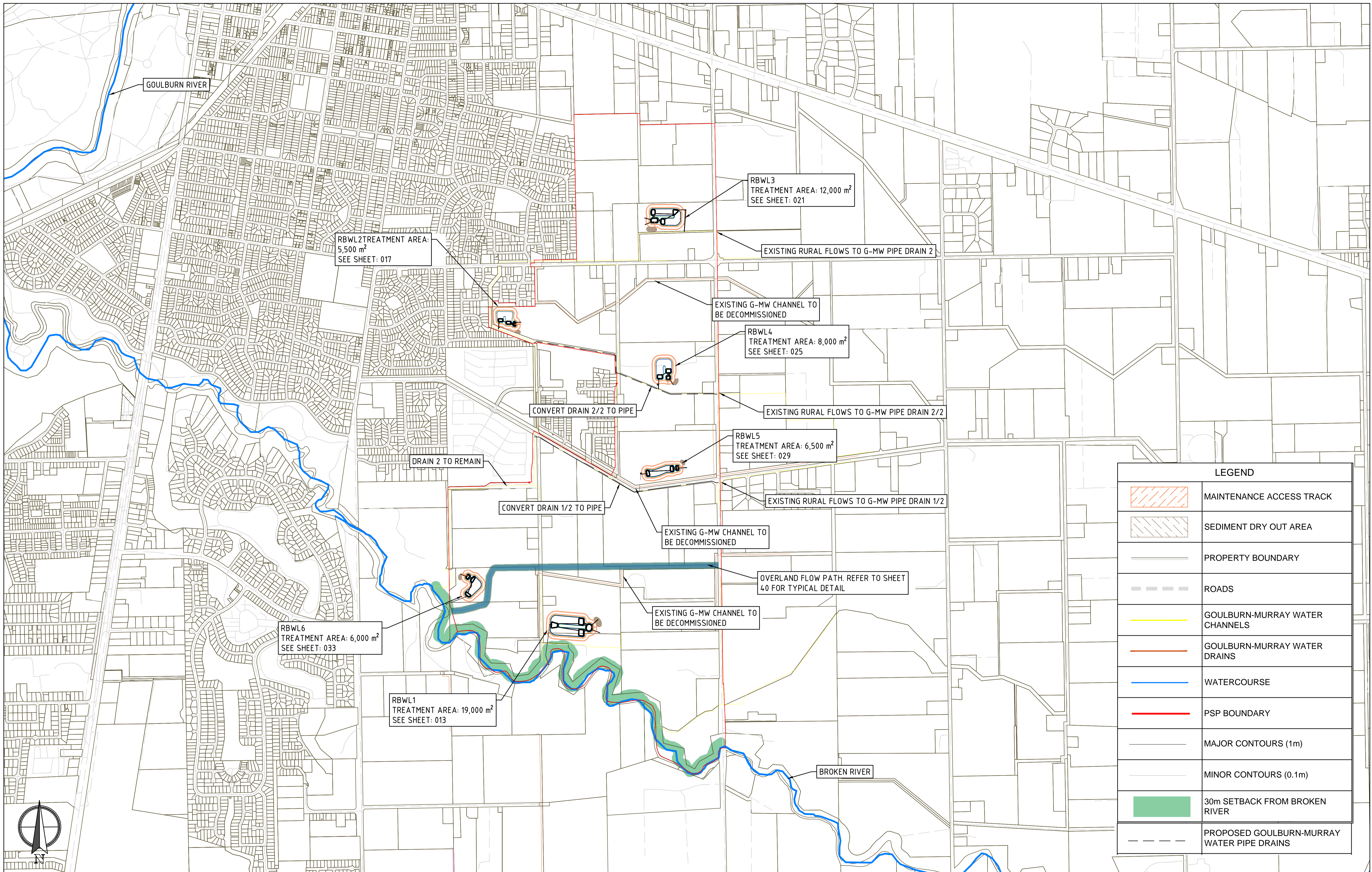


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DESIGNED: AM	DRAWN: KP	CHECKED: JB	APPROVED: SC	PROJECT No: 0121036.1
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VICTORIAN PLANNING AUTHORITY
 SHEPPARTON SOUTH EAST PRECINCT STRUCTURE PLAN
 FUNCTIONAL DESIGN DRAWINGS
 OVERVIEW PLAN OF G-MW ASSET ALTERATIONS

REVISION: B	SHEET No.: 11 of 40	ORIGINAL SIZE: A1	SCALE: 1:10,000 0 200 400 600m 100
DATUM: m AHD (MGA 255)			



REV	DESCRIPTION	APP'D	DATE
C	FINAL FUNCTIONAL DESIGN SSEPSP	JB	31.05.22
B	FINAL FUNCTIONAL DESIGN SSEPSP	JB	11.03.22
A	DRAFT FUNCTIONAL DESIGN SSEPSP	JB	07.12.21

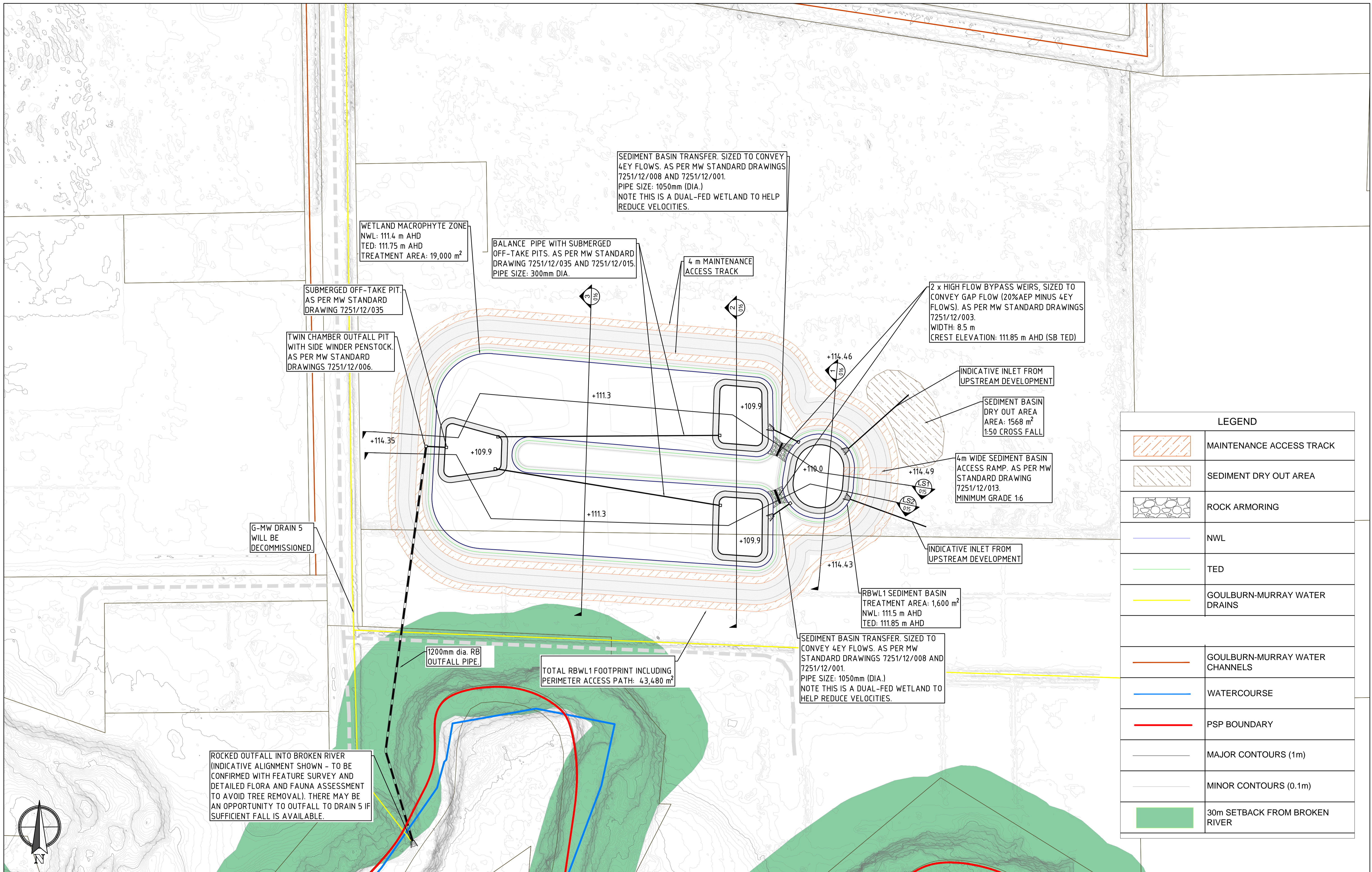


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VICTORIAN PLANNING AUTHORITY
 SHEPPARTON SOUTH EAST PRECINCT STRUCTURE PLAN
 FUNCTIONAL DESIGN DRAWINGS
 OVERVIEW PLAN

DESIGNED: AM	DRAWN: KP	CHECKED: JB	APPROVED: SC	PROJECT No: 0121036.1
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REVISION: C	SHEET No.: 12 of 40	ORIGINAL SIZE: A1	SCALE: 1:10,000
		DATUM: m AHD (MGA 255)	0 200 400 600m



SEDIMENT BASIN TRANSFER. SIZED TO CONVEY 4EY FLOWS. AS PER MW STANDARD DRAWINGS 7251/12/008 AND 7251/12/001. PIPE SIZE: 1050mm (DIA.) NOTE THIS IS A DUAL-FED WETLAND TO HELP REDUCE VELOCITIES.

WETLAND MACROPHYTE ZONE
NWL: 111.4 m AHD
TED: 111.75 m AHD
TREATMENT AREA: 19,000 m²

BALANCE PIPE WITH SUBMERGED OFF-TAKE PITS. AS PER MW STANDARD DRAWING 7251/12/035 AND 7251/12/015. PIPE SIZE: 300mm DIA.

4 m MAINTENANCE ACCESS TRACK

SUBMERGED OFF-TAKE PIT. AS PER MW STANDARD DRAWING 7251/12/035

TWIN CHAMBER OUTFALL PIT WITH SIDE WINDER PENSTOCK. AS PER MW STANDARD DRAWINGS 7251/12/006.

2 x HIGH FLOW BYPASS WEIRS, SIZED TO CONVEY GAP FLOW (20%AEP MINUS 4EY FLOWS). AS PER MW STANDARD DRAWINGS 7251/12/003. WIDTH: 8.5 m CREST ELEVATION: 111.85 m AHD (SB TED)

INDICATIVE INLET FROM UPSTREAM DEVELOPMENT

SEDIMENT BASIN DRY OUT AREA AREA: 1568 m² 1:50 CROSS FALL

4m WIDE SEDIMENT BASIN ACCESS RAMP. AS PER MW STANDARD DRAWING 7251/12/013. MINIMUM GRADE 1:6

INDICATIVE INLET FROM UPSTREAM DEVELOPMENT

RBWL1 SEDIMENT BASIN TREATMENT AREA: 1,600 m² NWL: 111.5 m AHD TED: 111.85 m AHD

SEDIMENT BASIN TRANSFER. SIZED TO CONVEY 4EY FLOWS. AS PER MW STANDARD DRAWINGS 7251/12/008 AND 7251/12/001. PIPE SIZE: 1050mm (DIA.) NOTE THIS IS A DUAL-FED WETLAND TO HELP REDUCE VELOCITIES.

1200mm dia. RB OUTFALL PIPE.

TOTAL RBWL1 FOOTPRINT INCLUDING PERIMETER ACCESS PATH: 43,480 m²

ROCKED OUTFALL INTO BROKEN RIVER (INDICATIVE ALIGNMENT SHOWN - TO BE CONFIRMED WITH FEATURE SURVEY AND DETAILED FLORA AND FAUNA ASSESSMENT TO AVOID TREE REMOVAL). THERE MAY BE AN OPPORTUNITY TO OUTFALL TO DRAIN 5 IF SUFFICIENT FALL IS AVAILABLE.

G-MW DRAIN 5 WILL BE DECOMMISSIONED.

LEGEND	
	MAINTENANCE ACCESS TRACK
	SEDIMENT DRY OUT AREA
	ROCK ARMORING
	NWL
	TED
	GOULBURN-MURRAY WATER DRAINS
	GOULBURN-MURRAY WATER CHANNELS
	WATERCOURSE
	PSP BOUNDARY
	MAJOR CONTOURS (1m)
	MINOR CONTOURS (0.1m)
	30m SETBACK FROM BROKEN RIVER

REV	DESCRIPTION	APP'D	DATE
B	FINAL FUNCTIONAL DESIGN SSEPSP	JB	11.03.22
A	DRAFT FUNCTIONAL DESIGN SSEPSP	JB	07.12.21



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VICTORIAN PLANNING AUTHORITY
SHEPPARTON SOUTH EAST PRECINCT STRUCTURE PLAN
FUNCTIONAL DESIGN DRAWINGS
RBWL1 DESIGN PLAN

DESIGNED: AM	DRAWN: KP	CHECKED: JB	APPROVED: SC	PROJECT No: 0121036.1
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REVISION: B	SHEET No: 13 of 40	ORIGINAL SIZE: A1	SCALE: 1:1,000
		DATUM: m AHD (MGA 255)	10 20 40 60m