

Plotted: 25 July, 2022 10:07:08 PM File Name: J:\110709 - Bullecourt Ave - Milperra02 - Concept Design\CD\SK110709-02-SK002.dwg

DRAFT ISSUE ONLY
PRELIMINARY DESIGNS SUBJECT TO CHANGE

2	BASIN 3 & SITE REGRADING	JB	JB	MS	MS	25/07/22
1	FIRST ISSUE	JB	TO	MS	DJ	4/07/22
	AMENDMENT	DES	DRN	CKD	APR	DATE

J. WYNDHAM PRINCE
CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

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STATUS:

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MILPERRA WSU
PRELIMINARY SITE GRADING ANALYSIS
BULK EARTHWORKS PLAN
SHEET 1

AZIMUTH: M.G.A.

DATUM: A.H.D.

ORIGIN:

PLAN No: 110709-02-SK002

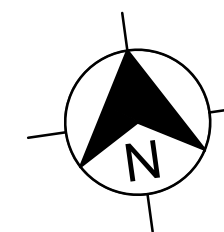
PROJECT No:

110709-02

SHEET No:

SK002

2



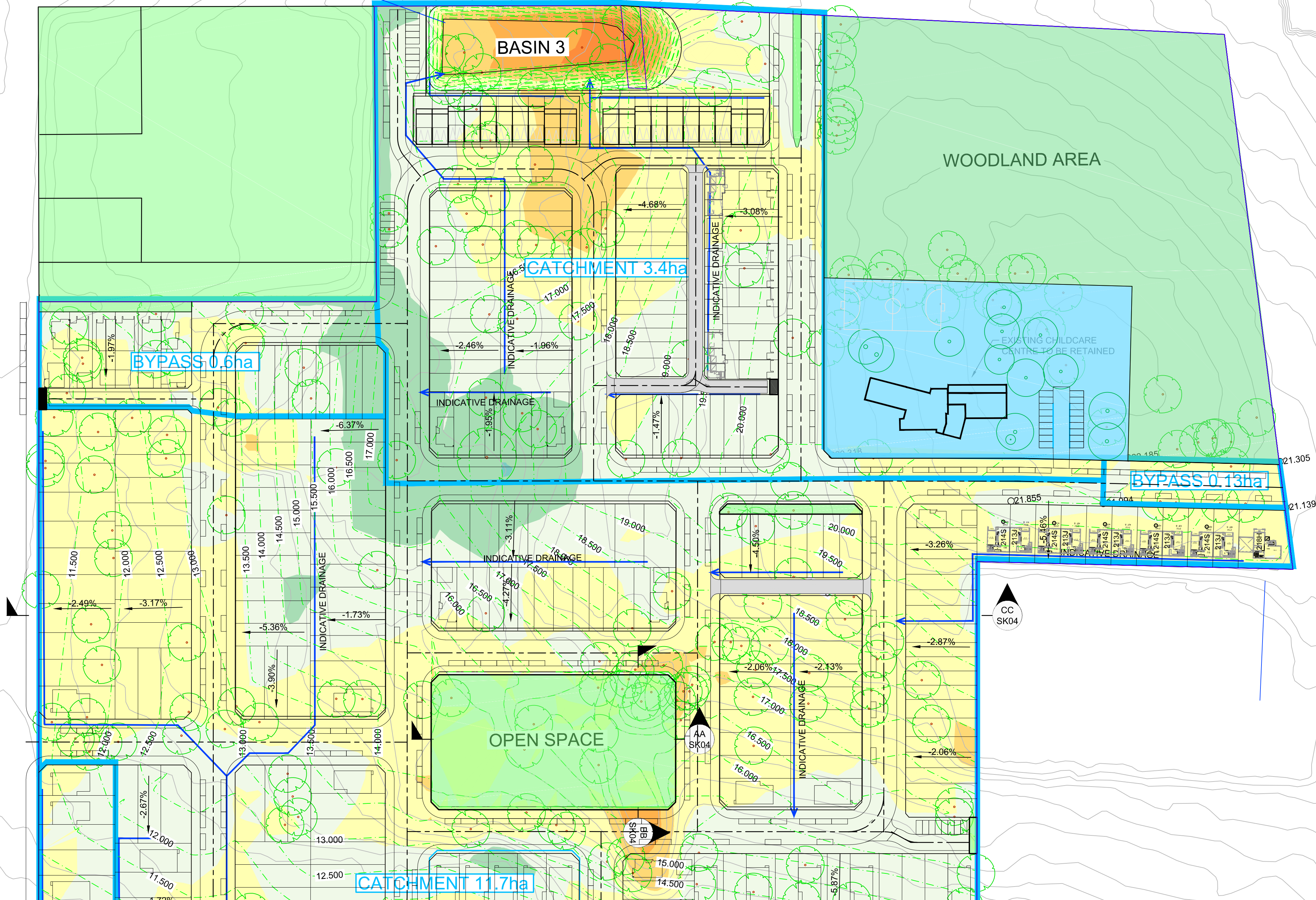
BASIN 3

1:3 BATTERS
TWL 15.5m
INVERT (TOP OF FILTER MEDIA) RL 14.35m
AREA = 2100m²
VOLUME = 1750m³

NOTES:

- OUTLET LEVEL TO BE CONFIRMED
- BASIN SIZE HAS BEEN REDUCED BY 25% BASED ON A REDUCED CATCHMENT AREA - SUBJECT TO ANALYSIS & WQ MODELLING.

GUTTER LEVEL RL, 14.4m
OUTLET IL, 13.4m
(TO BE CONFIRMED)



REFER TO DRAWING SK003 FOR CONTINUATION

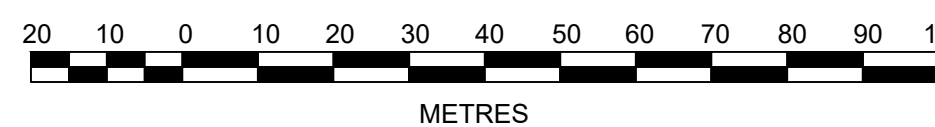
LEGEND DEPTH RANGE

COLOUR	DEPTH RANGE (m)
	-7 TO -6
	-6 TO -5
	-5 TO -4
	-4 TO -3
	-3 TO -2
	-2 TO -1
	-1 TO 0
	0 TO 1
	1 TO 2
	2 TO 3
	3 TO 4
	4 TO 5
	2.5 TO 3
	3 TO 4

CUT = 64,140m³
FILL = 50,120m³
BALANCE = 14,020m³ EXCESS CUT MATERIAL

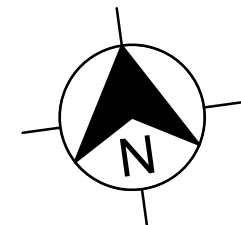
NOTE:
THIS VOLUME IS TO BEW DESIGN SURFACE AND DOES NOT
INCLUDE EXISTING CONCRETE BUILDING SLABS, ROAD
PAVEMENT OR TOPSOIL STRIPPING

1:1000 (AT A1)
1:2000 (AT A3)



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REFER TO DRAWING SK002 FOR CONTINUATION



LEGEND DEPTH RANGE	
COLOUR	DEPTH RANGE (m)
	-7 TO -6
	-6 TO -5
	-5 TO -4
	-4 TO -3
	-3 TO -2
	-2 TO -1
	-1 TO 0
	0 TO 1
	1 TO 2
	2 TO 3
	3 TO 4
	4 TO 5
	5 TO 6
	6 TO 7

CUT = 64,140m³
FILL = 50,120m³
BALANCE = 14,020m³ EXCESS CUT MATERIAL

NOTE:
THIS VOLUME IS TO BEW DESIGN SURFACE AND DOES NOT
INCLUDE EXISTING CONCRETE BUILDING SLABS, ROAD
PAVEMENT OR TOPSOIL STRIPPING

EXISTING RESIDENTIAL

ASHFORD AVENUE

RSLEY ROAD

Mt St JOSEPH SCHOOL

M5 SOUTH WESTERN MOTORWAY

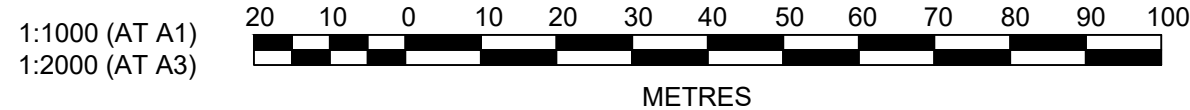
BASIN 2
1m HIGH WALLS
TWL 5.0m
INVERT (TOP OF FILTER MEDIA) RL 4.0m
AREA = 600m²
VOLUME = 600m³

BASIN 1
1:5 BATTERS
TWL 4.5m
INVERT (TOP OF FILTER MEDIA) RL 3.3m
AREA = 3936m²
VOLUME = 3615m³

OUTLET I/L 2.5m
(TO BE CONFIRMED)

4 x 1450mm RCP's

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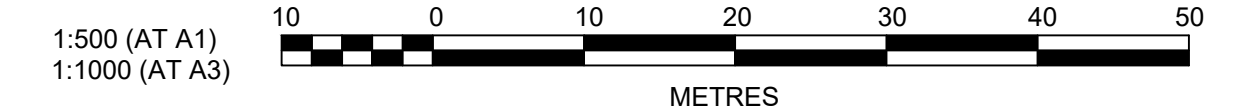
MILPERRA WSU
PRELIMINARY SITE GRADING ANALYSIS
BULK EARTHWORKS PLAN
SHEET 2

AZIMUTH: M.G.A. DATUM: A.H.D. ORIGIN: PLAN No: 110709-02-SK003

PROJECT No:
110709-02
SHEET No:
SK003



DRAFT ISSUE ONLY
PRELIMINARY DESIGNS SUBJECT TO CHANGE



4	ISSUE FOR INFORMATION	JB	TO	MS	DJ	4/07/22
	AMENDMENT	DES	DRN	CKD	APR	DATE

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MILPERRA WSU
PRELIMINARY SITE GRADING ANALYSIS
SITE SECTIONS

PROJECT No:

110709-02

SHEET No:

SK004

AZIMUTH: M.G.A.	DATUM: A.H.D.	ORIGIN:	PLAN No: 110709-02-SK004
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