PROPOSED CHILDCARE DEVELOPMENT

PLANSET: CONCEPT DRAINAGE AND EARTHWORKS PLANS

CLIENT: BLUE SOX DEVELOPMENTS



LOCALITY PLAN
NOT TO SCALE

# LGA: UPPER LACHLAN SHIRE COUNCIL

3 MEMORY AVE CROOKWELL NSW 2583 LOT 2/DP702788

DRAWIN	NG L	IST					
DWG NO.	REV	DWG TITLE					
GENERAL							
PS02-A000	В	COVER SHEET					
CONSTRUC	TION	MANAGEMENT WORKS					
PS02-B300	В	SEDIMENT AND EROSION CONTROL PLAN					
PS02-B310	Α	SEDIMENT AND EROSION CONTROL DETAILS					
<b>EARTHWO</b>	ARTHWORKS						
PS02-C100	В	EARTHWORKS GRADING PLAN					
PS02-C500	В	EARTHWORKS CUT-FILL PLAN					
PS02-C600	Α	EARTHWORKS SITE SECTIONS					
ROADWOR	KS						
PS02-DZ00	Α	TYPICAL DRIVEWAY DETAILS					
DRAINAGE	•						
PS02-E100	В	DRAINAGE PLAN					
PS02-E200	Α	DRAINAGE DETAILS					
PS02-E600	В	OSD CATCHMENT PLAN, MODEL AND RESULTS					

#### NOTES

- 1 THIS PLAN IS FOR DEVELOPMENT APPLICATION PURPOSE AND NOT FOR CONSTRUCTION. DESIGN TO BE REVIEWED AND UPDATED FOR CONSTRUCTION CERTIFICATE.
- 2 ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH, AND THESE NOTES ARE TO BE READ IN CONJUNCTION WITH THE RELEVANT AUSTRALIAN STANDARDS, COUNCIL SPECIFICATIONS, AND ALL PROJECT CONSULTANT'S PLANS AND REPORTS.
- 3 INTERNAL AND EXTERNAL SURVEY INFORMATION SHOWN BASED ON SURVEY INFORMATION PROVIDED BY SDG PTY LTD.
- 4 PROPOSED ARCHITECT LAYOUT BASED ON INFORMATION PROVIDED BY ARCHITECTS FAUBOURG24.

FOR DEVELOPMENT APPLICATION

REV DESCRIPTION

DATE

DAWN DESIGNED CHECKED APPRVD

30/04/2025

NH RL/PC AVG GT

A INITIAL RELEASE

16/04/2025

NH YAI/PC AVG GT

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PROPOSED CHILDCARE DEVELOPMENT

CONCEPT DRAINAGE AND EARTHWORKS PLANS

PROPOSED LOT 4, 3 MEMORY AVE CROOKWELL NSW 2583

T Associates Pty Ltd Grid

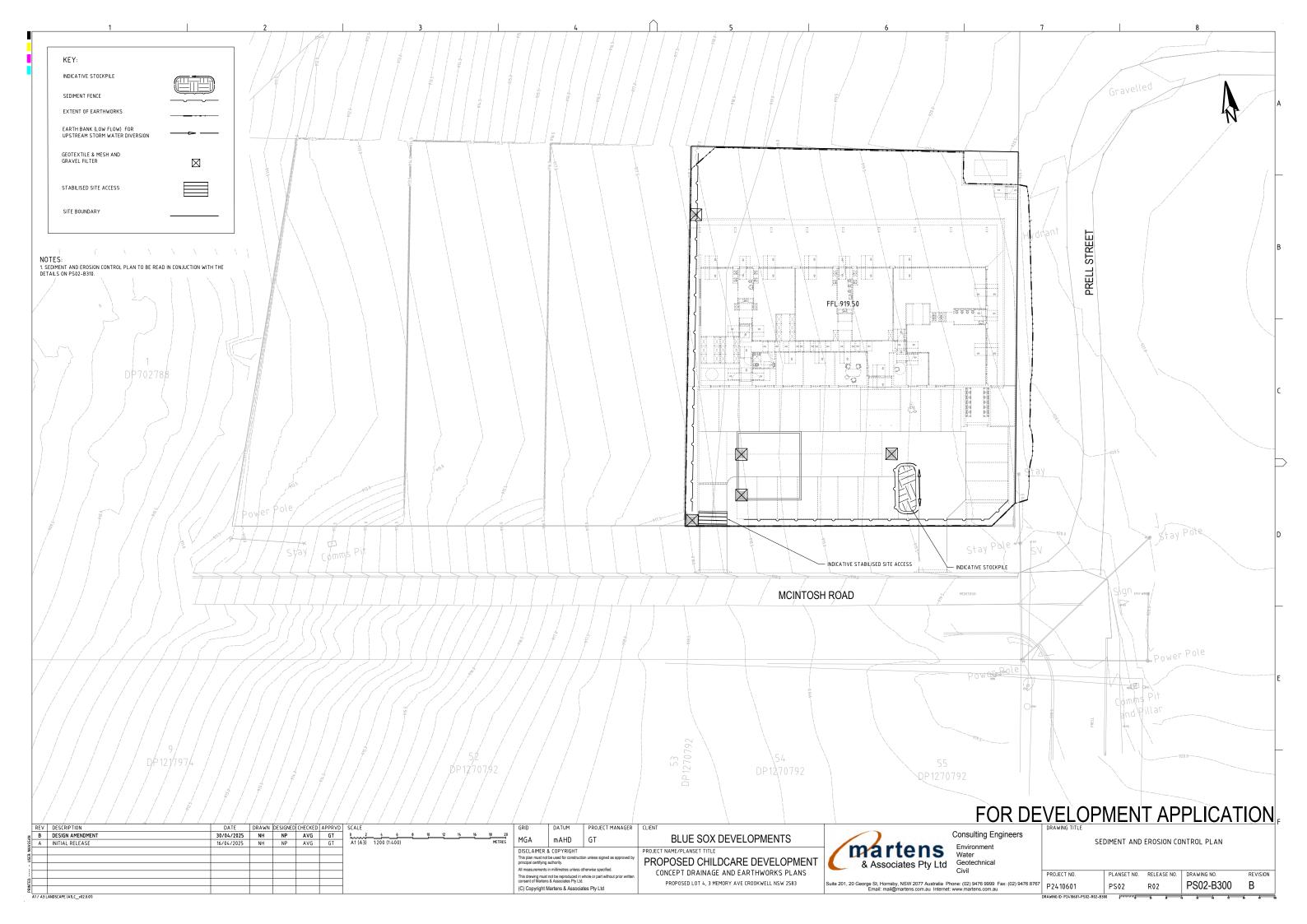
Consulting Engineers

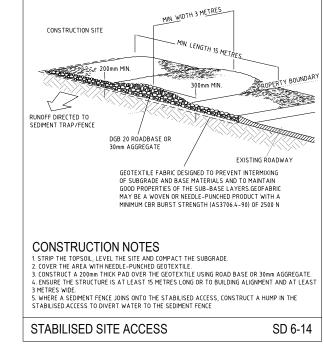
Environment
Water
Geotechnical
Civil

 COVER SHEET

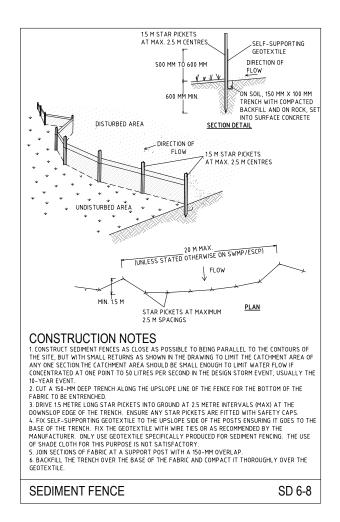
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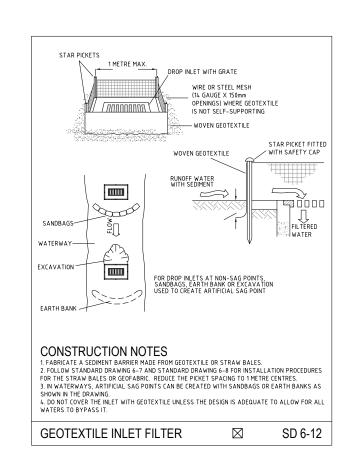
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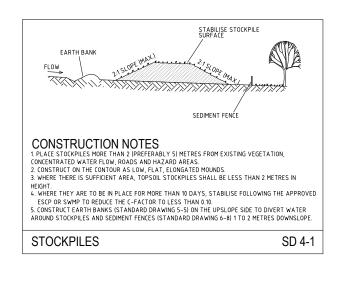


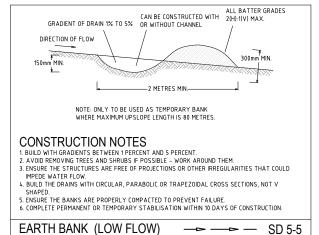


A1 / A3 LANDSCAPE (A1LC\_v02.0.01)

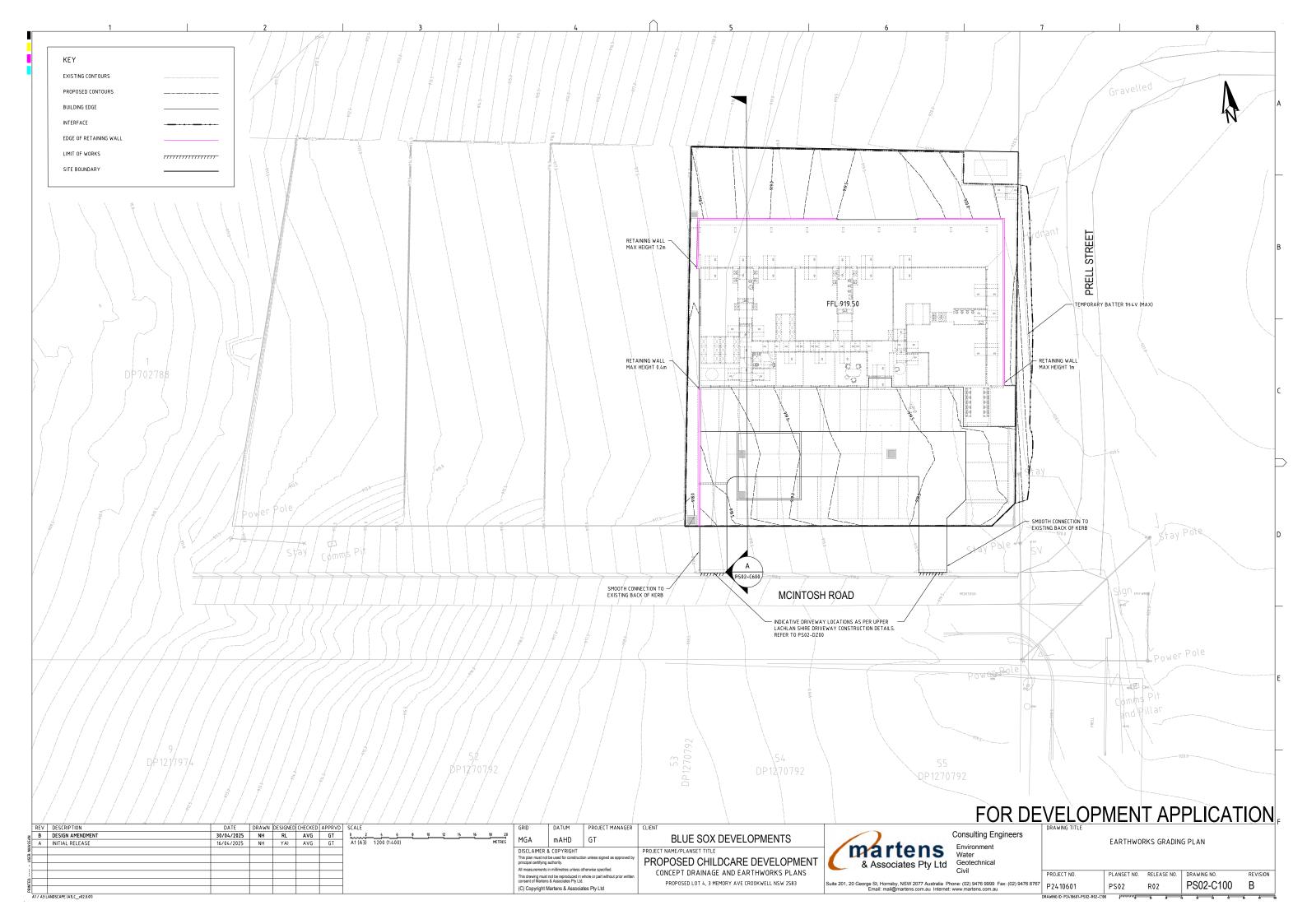


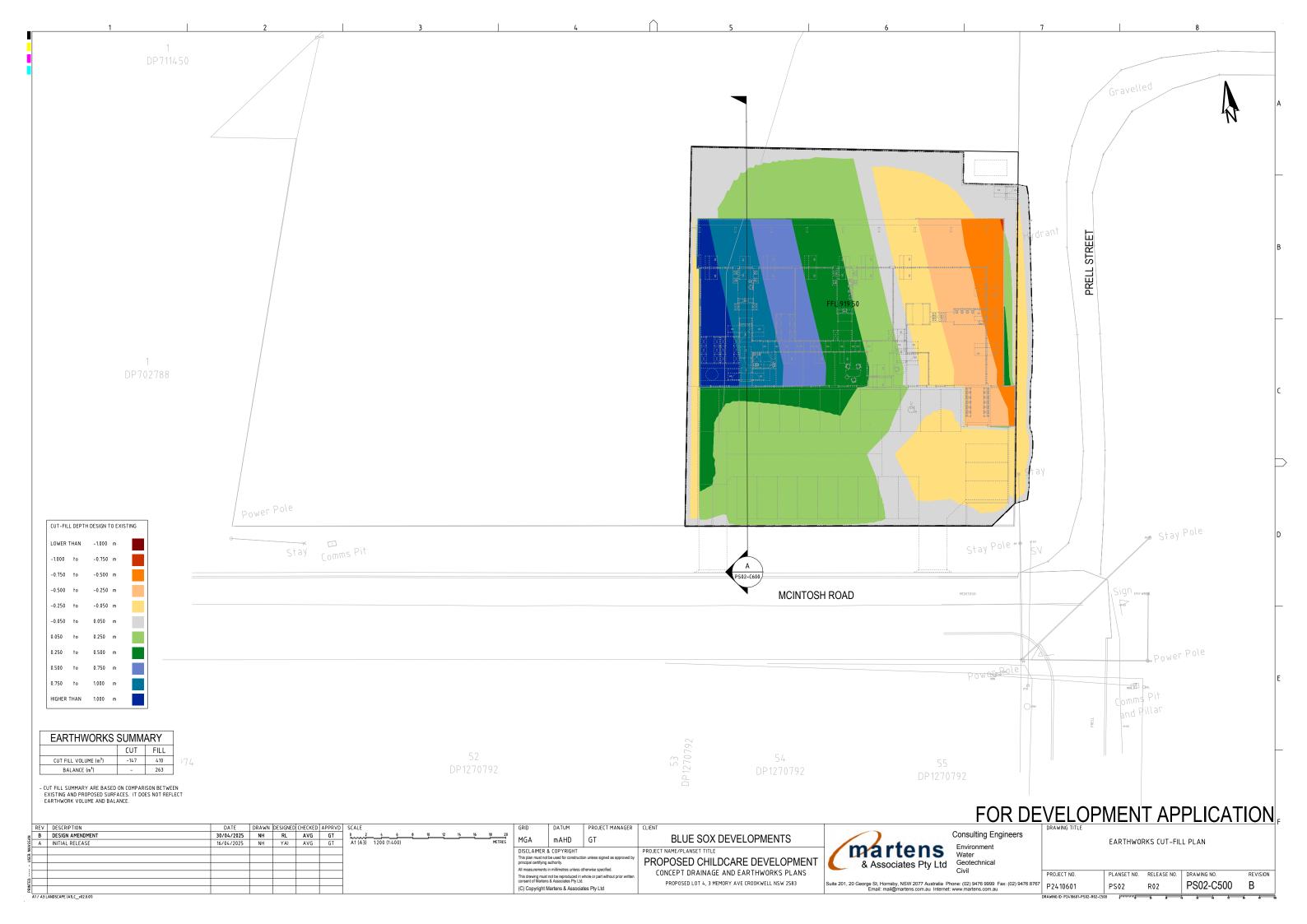












FFL:919.50 DATUM RL 911.000 DESIGN SURFACE **LEVELS EXISTING SURFACE** LEVELS CUT / FILL DEPTH CHAINAGE

SECTION A

SCALE: HORIZONTAL - 1:200 VERTICAL - 1:100

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD	SCALE									
Α	INITIAL RELEASE	30/04/2025	NH	RL	AVG	GT	0 2		6	8	10	12	14	16	18	20
							A1 (A3)	1:200 (1	400)						ME	TRES
							0 1	2	3	4	5	6	_1	8	9	10
							A1 (A3)	1:100 (1:	200)						ME	TRES

				GRID
_	16	18 METR	ES ES	MGA
	ŧ	9 METR	10 ES	DISCLAIMER This plan must no principal certifyin
				All

DATUM PROJECT MANAGER CLIENT mAHD GT R & COPYRIGHT

t not be used for construction unless signed as approving authority.

ents in millimetres unless otherwise specified. This drawing must not be reproduced in whole or part without prior written consent of Martens & Associates Pty Ltd.

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### BLUE SOX DEVELOPMENTS PROJECT NAME/PLANSET TITLE

PROPOSED CHILDCARE DEVELOPMENT CONCEPT DRAINAGE AND EARTHWORKS PLANS PROPOSED LOT 4, 3 MEMORY AVE CROOKWELL NSW 2583

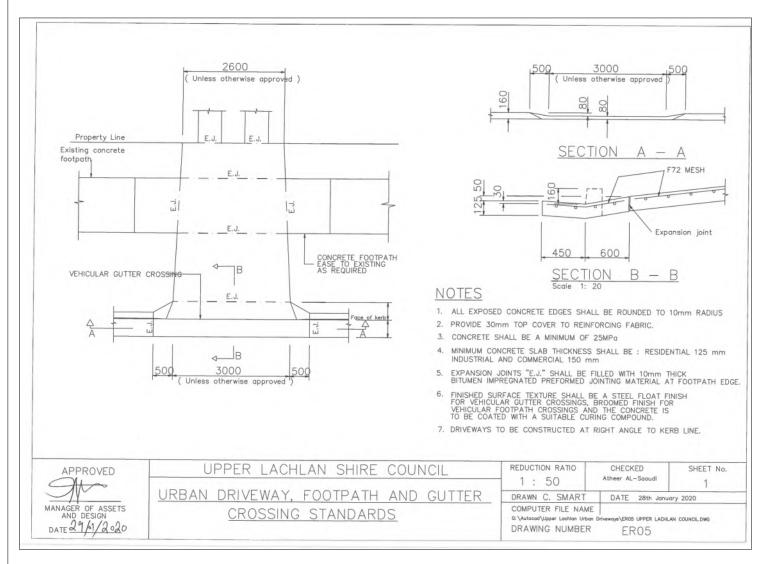


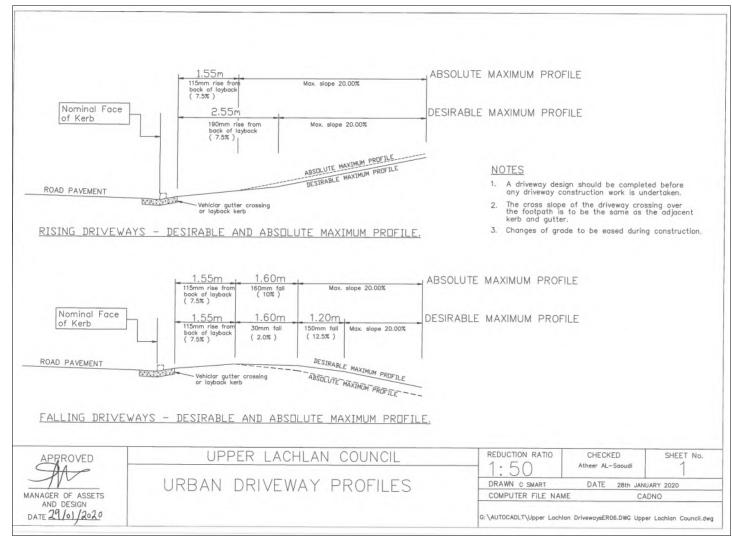
Consulting Engineers

FOR DEVELOPMENT APPLICATION

	PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
6 8767	P2410601	PS02	R02	PS02-C600	Α
	DDAWING ID. DOLINANT DONG DAY CAL	v 00000			

EARTHWORKS SITE SECTIONS







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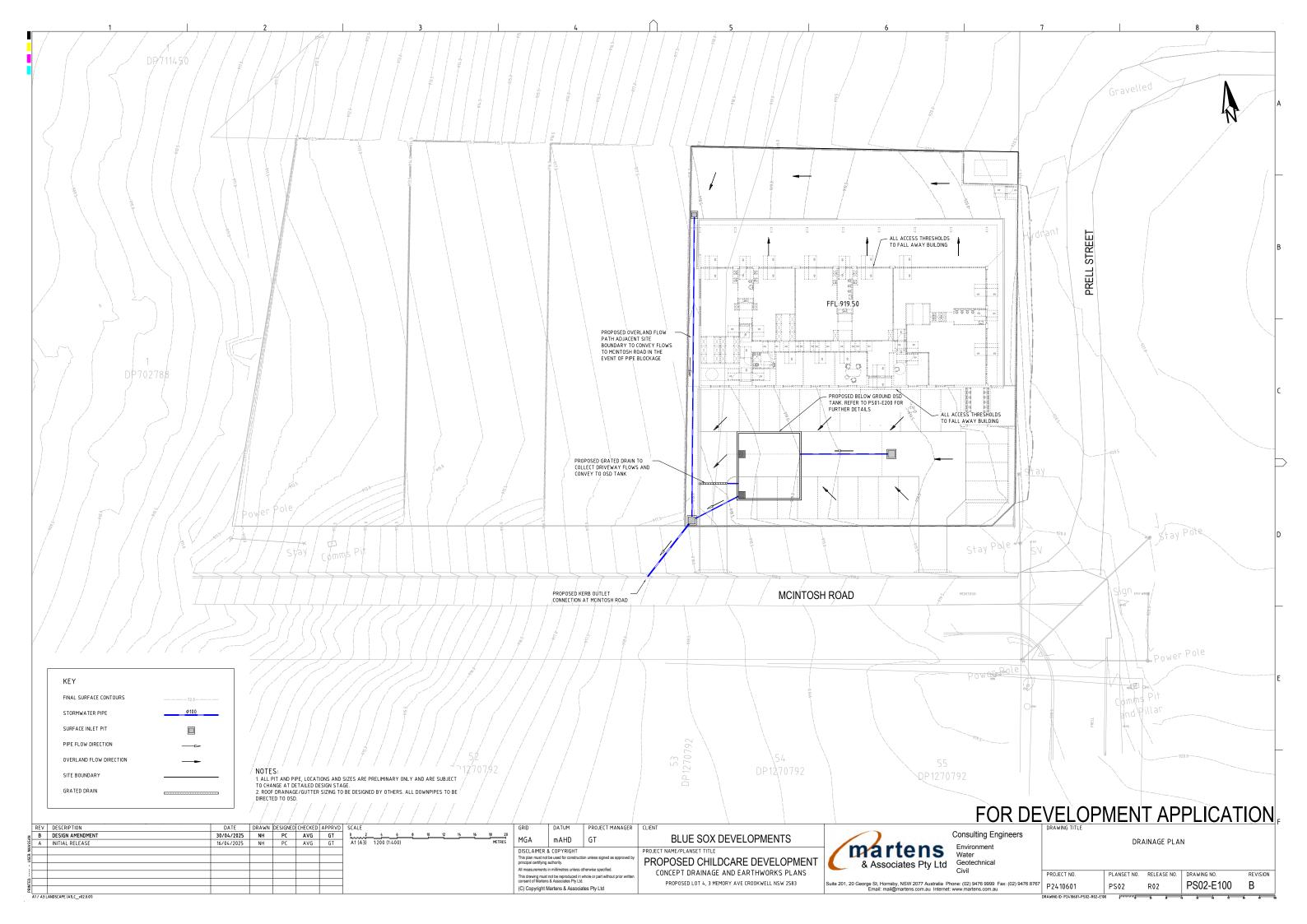
PROPOSED LOT 4, 3 MEMORY AVE CROOKWELL NSW 2583

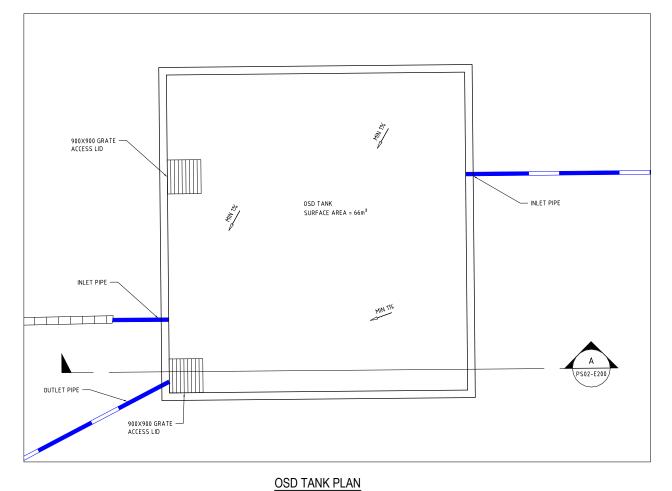
Consulting Engineers martens Water & Associates Pty Ltd

TYPICAL DRIVEWAY DETAILS

PLANSET NO. RELEASE NO. DRAWING NO REVISION Suite 201, 20 George St, Hornsby, NSW 2077 Australia Phone: (02) 9476 9999 Fax: (02) 9476 8767 Email: mail@martens.com.au Internet: www.martens.com.au PS02-DZ00 Α PS02

FOR DEVELOPMENT APPLICATION

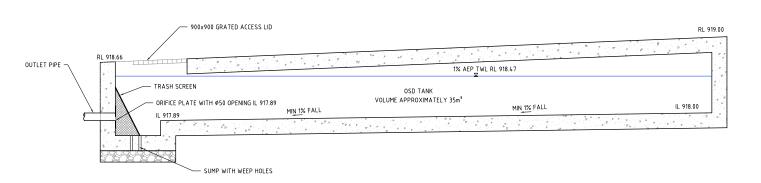


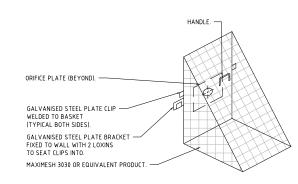


CIRCULAR HOLE WITH SHARP EDGES MACHINED TO 0.5mm ACCURACY ORIFICE PLATE (BEYOND). -- M12 STAINLESS STEEL CHEMICAL ANCHORS OR EQUIVALENT

> OFFICE PLATE NOT TO SCALE

SCALE 1:50





TRASH SCREEN DETAILS

NOT TO SCALE

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Environment Water

### SECTION A- OSD TANK SECTION

SCALE: 1:25

RE\	/ DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD	D SCALE GRID DATUM PROJECT MANAGER CLIENT	
A	INITIAL RELEASE	16/04/2025	NH	PC	AVG	GT	0 05 10 15 20 25 30 35 40 45 50 AT (A3) 1:50 (1:100) BLUE SOX DEVELOPMENTS	
≨—							A1 (A3) 130 (140)	
<u>=</u>							0 025 050 075 100 125 150 175 200 225 250 DISCLAIMER & COPYRIGHT PROJECT NAME/PLANSET TITLE	
<u> </u>							A1 (A3) 1:25 (1:50) METRES This plan must not be used for construction unless signed as approved by PROPOSED CHILDCARE DEVELOPM	FNT
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필							consent of Martens & Associates Pty Ltd. PROPOSED LOT 4, 3 MEMORY AVE CROOKWELL NSW 2583	
X X							(C) Copyright Martens & Associates Pty Ltd	

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MENTS martens VELOPMENT & Associates Pty Ltd

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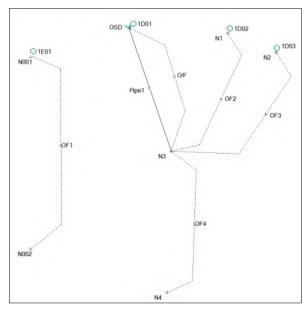
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	PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION	
9 9476 9999 Fax: (02) 9476 8767	P2410601	PS02	R02	PS02-E200	Α	



# PRE DEVELOPMENT CATCHMENT PLAN

SCALE 1:500

P	PRE DEVELOPMENT CATCHMENT DETAILS (P2410601DRN03V02)												
KEY	DRAINS NODE	DESCRIPTION	AREA (ha)	% PAVED									
V   V   V   V	1E01	GRASS	0.205	0%									
	TOTAL AREA		0.205	= 100% OF TOTAL AREA									
	TOTAL IMPERVIOUS AREA		0.000	= 0% OF TOTAL AREA									
	TOTAL PERVIOUS AREA		0.205	= 100% OF TOTAL AREA									



# POST DEVELOPMENT CATCHMENT PLAN

KEY	DRAINS NODE	DESCRIPTION	AREA (ha)	% PAVED
	1D01	CARPARK + ROOF TO OSD	0.147	100%
	1D02	LANDSCAPE + PATIO BYPASS	0.055	11%
	1D03	CAR PARK BYPASS	0.003	100%
	TOTAL AREA		0.205	= 100% OF TOTAL AREA
	TOTAL IMPERVIOUS AREA		0.156	= 76% OF TOTAL AREA
	TOTAL PERVIOUS AREA		0.049	= 24% OF TOTAL AREA

DRAINS MODEL RESULTS (P2410601DRN03V02)									
STORM EVENT	PRE-DEVELOPMENT PEAK FLOW (m³/s)	POST-DEVELOPMENT PEAK FLOW (m³/s)	POST < PRE (YES/NO)	DIFFERENCE (m3/s)					
1% AEP	0.027	0.023	YES	-0.004					
2% AEP	0.021	0.019	YES	-0.002					
5% AEP	0.016	0.008	YES	-0.008					
10% AEP	0.010	0.007	YES	-0.003					
0.2EY	0.005	0.005	YES	-0.000					

## DRAINS LAYOUT PRE AND POST DEVELOPMENT (P2410601DRN03V02)

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD	SCALE							
В	DESIGN AMENDMENT	30/04/2025	NH	PC	AVG	GT		10 15		25	30	35	40	45 50
Α	INITIAL RELEASE	16/04/2025	NH	PC	AVG	GT	A1 (A3)	1:500 (1:1,00	(0)					METRES
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							1							

	GRID	DATUM	PROJECT MANAGER	CLIENT								
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Consulting Engineers

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WING	TITLE	LE			]
		OSD CATCHMENT PLAN, MODEL AND RESUL	TS		

	PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
67	P2410601	PS02	R02	PS02-E600	В
DRAWING ID: P2410601-PS02-R02-E600 PUBLISHING & 4 4 4					