

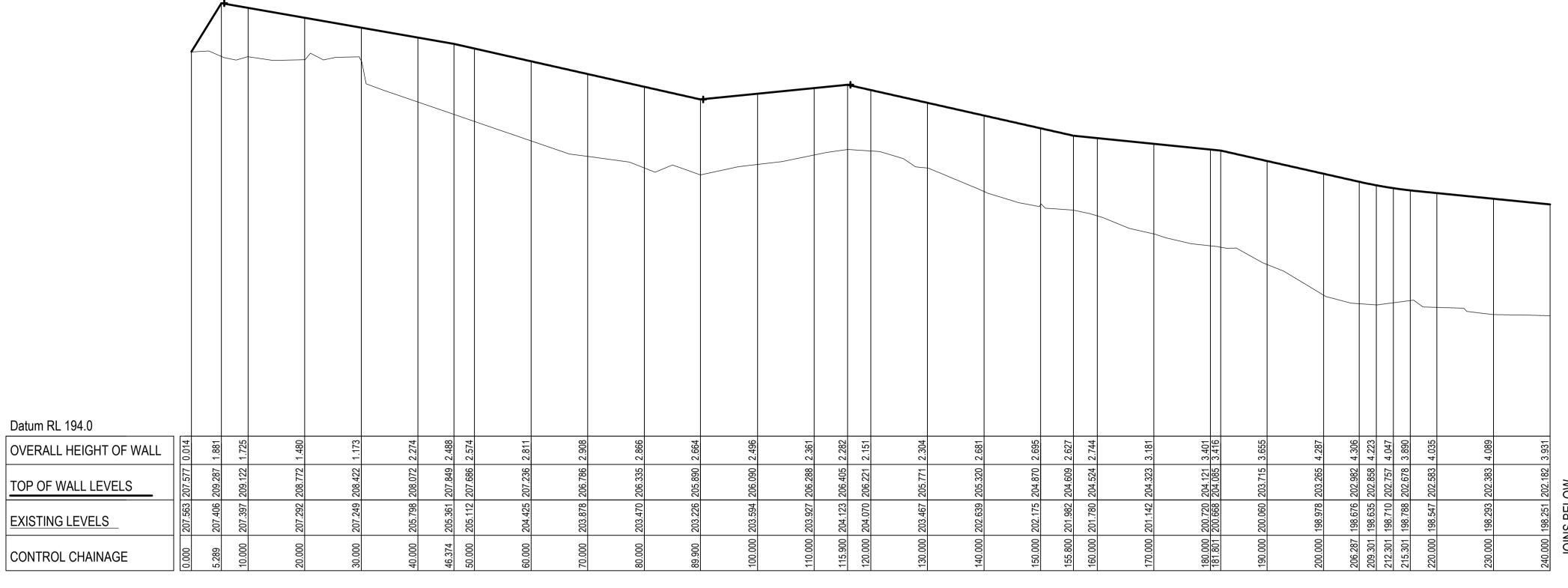
NOTE: 1. EXISTING BULK EARTHWORKS PLAN DOES NOT INCLUDE STOCKPILES SURVEYED ON THE SITE IN AMOUNT ABOUT 20,000 m3. 2. NET FILL VOLUME ABOVE EXISTING SURFACE = 41,700m³ 3. NET CUT VOLUME BELOW EXISTING SURFACE = 29,500m³ 4. BALANCE OF CUT : FILL = (41,700m³ - 29,500m³) = 12,200m³ FILL REQUIRED. THIS MAY BE SOURCED FROM EXISTING STOCKPILES, LEAVING 7,800m³ EXCESS IN STOCKPILES. LEGEND APPROX FILL AREA APPROX CUT AREA PLAN SCALE 1:750 Date 28/06/18 Client KARIONG SAND AND SOIL SUPPLIES **Cardno**®
Shaping the Future Date 28/06/18

Date 28/06/18

Date 28/06/18

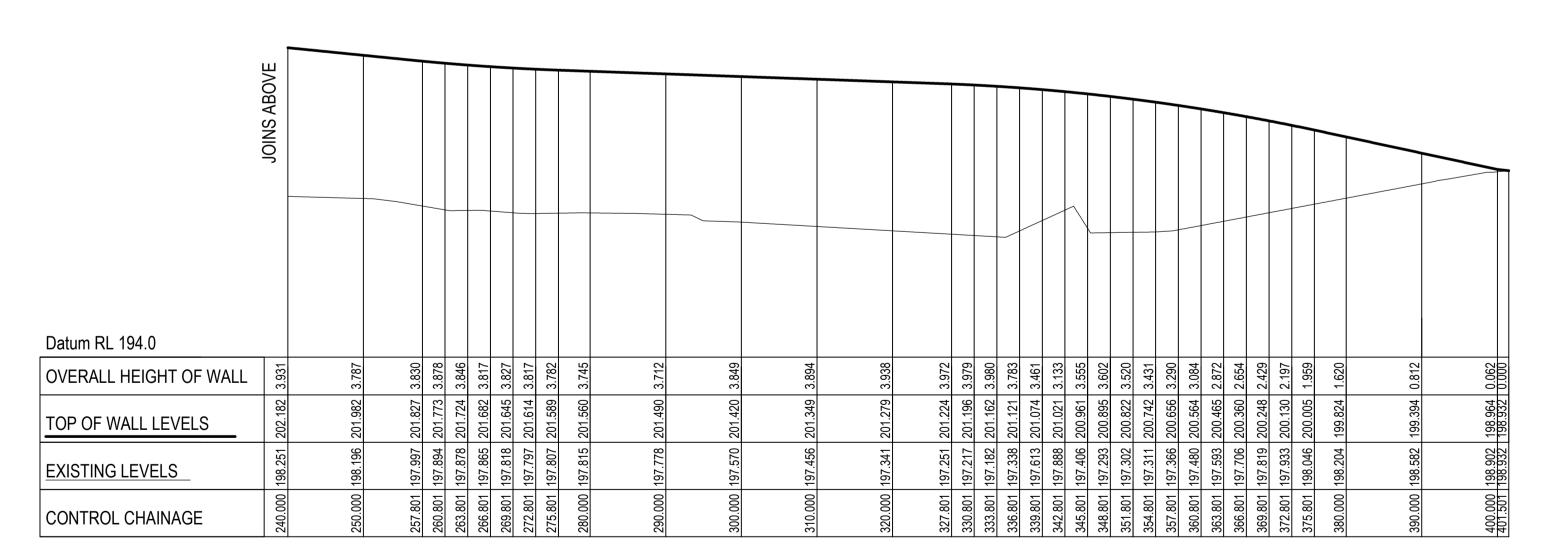
Date 28/06/18

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LONGSECTION RETAINING WALL 01

HORIZ. 1:500 VERT. 1:100



LONGSECTION RETAINING WALL 01

HORIZ. 1:500

VERT. 1:100

							_						
							0		10	20	30	40	50m
						HORIZONTAL SCALE							
							SCALE	1:500					@A1
												_	
							0	1	2	4	6	8	10m
	06/07/18	ISSUED FOR DEVELOPMENT APPLICATION	PW	SJB	SJB	VERTICAL SCALE		1 100					
	02/07/18	ISSUED FOR CLIENT REVIEW	PW	SJB	SJB		SCALE	: 1:100					@A1
٧.	Date	Description	Des.	Verif.	.baaA								

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Tel: 02 4323 2558 Fax: 02 4324 3251	
Web: www.cardno.com.au	

Drawn PW	Date 28/06/18	Client KARIONG SAND AND SOIL SUPPLIES					
Checked SJB	Date 28/06/18	Project SAND, SOIL & BUILDING MATERIALS RECYCLING FACILITY.	Status	PRFLIM	/INARY		
Designed SJB	Date 28/06/18		NOT TO BE U	PURPOSES			
Verified SJB	Date 28/06/18	SOMERSBY Title	Datum AHD	Register -	Scale 1:500/1:100	Size A1	
Approved Date		CONCEPT RET. WALLS LONGSECTIONS SHEET 1 OF 2	Drawing Number				
		CONCLITICAL WALLO ECINOCECTIONO CHILLITION 2	80	2			

2 06/07/18 ISSUED FOR DEVELOPMENT APPLICATION PW SJB SJB
1 02/07/18 ISSUED FOR CLIENT REVIEW PW SJB SJB
Rev. Date Description Des. Verif. Appd.

0		10	20	30	40	50m
SCALE	1:50	0				@A1
0 1		2	4	6	8	10m
	1:10	^				@A1

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	28/06/18	Cilent	KARIONG SAND AND SOIL SUPPLIES				
necked SJB	Date 28/06/18	Project	SAND, SOIL & BUILDING MATERIALS RECYCLING FACILITY.	Status	PRELIN	MNARY	
esigned SJB	Date 28/06/18			NOT TO BE U		NSTRUCTION	1 P
erified SJB	Date 28/06/18	Title	SOMERSBY	Datum AHD	Register -	Scale 1:500/1:100	Siz
pproved	Date		CONCEPT RET. WALLS LONGSECTIONS SHEET 2 OF 2	Drawing Number)518002-C	I-109	

LONGSECTION RETAINING WALL 03
HORIZ. 1:500

VERT. 1:100

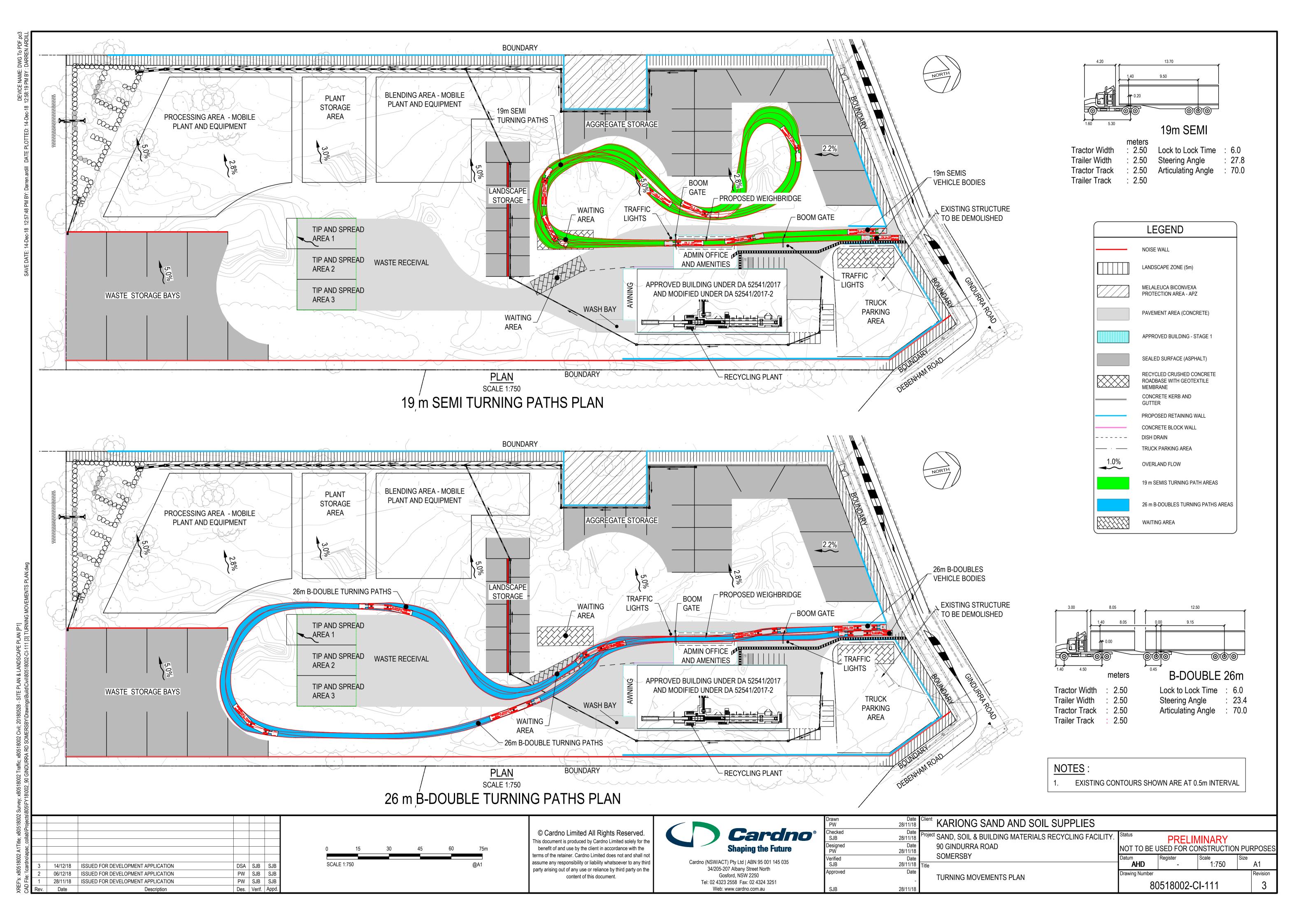
Datum RL 194.0								
OVERALL HEIGHT OF WALL 5	0.793	1.496	2.198			1.568	1.708 1.791 1.791 1.791	1.458
TOP OF WALL LEVELS	209.629	210.523	211.864	12.35	212.941	213.614 213.806	213.212 213.058 212.805 212.282	211.910 211.614 210.586 209.566
EXISTING LEVELS 88 88 88 88 88 88 88 88 88 88 88 88 88	208.836	209.028	209.219	209.589	210.565	212.046	211.503 211.250 211.014 210.524	210.248 210.155 209.835 209.566
CONTROL CHAINAGE	30.000	50.000	80.000	100.000	120.000	150.000	180.000	207.118 210.000 220.000 228.367

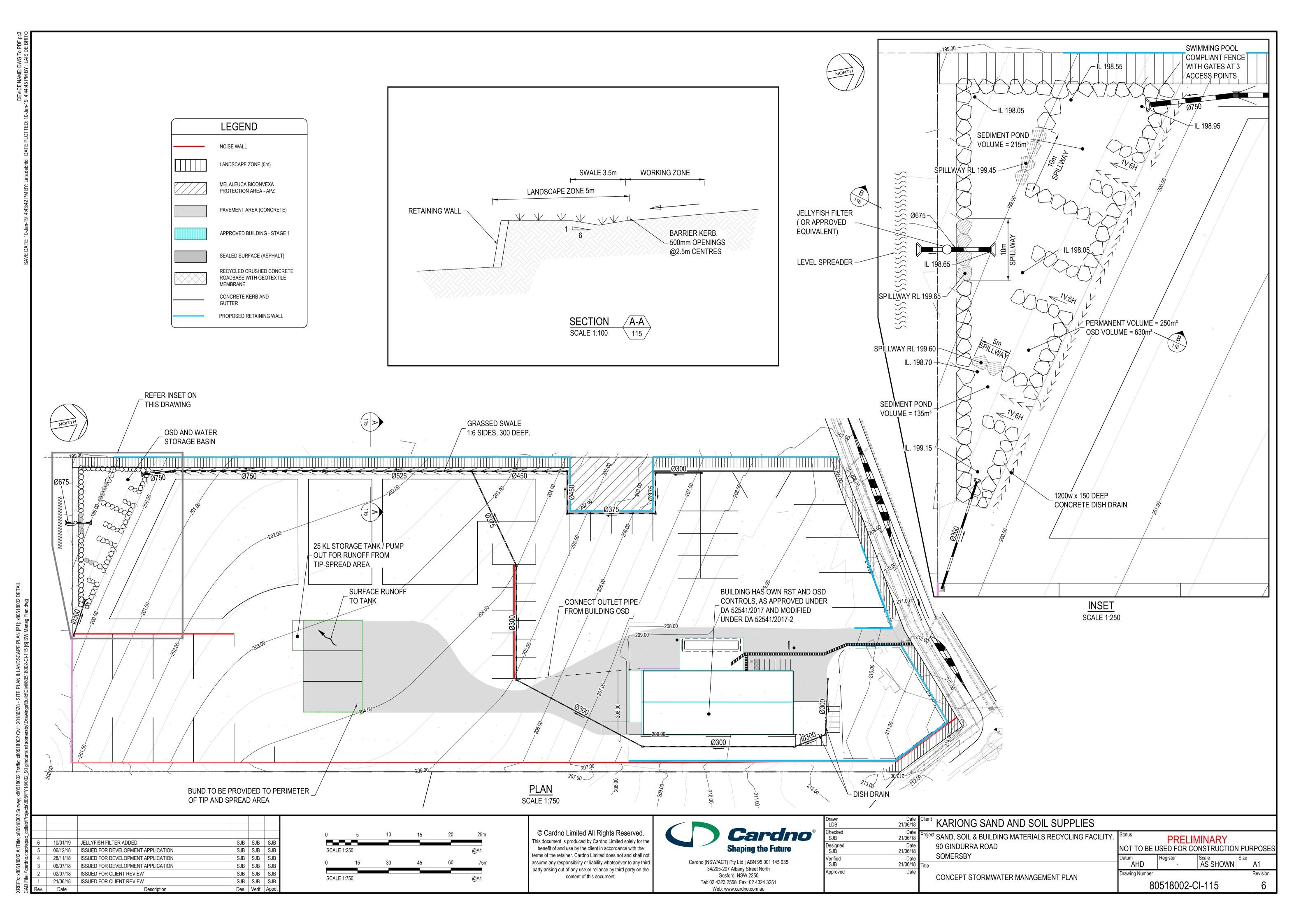
LONGSECTION RETAINING WALL 02

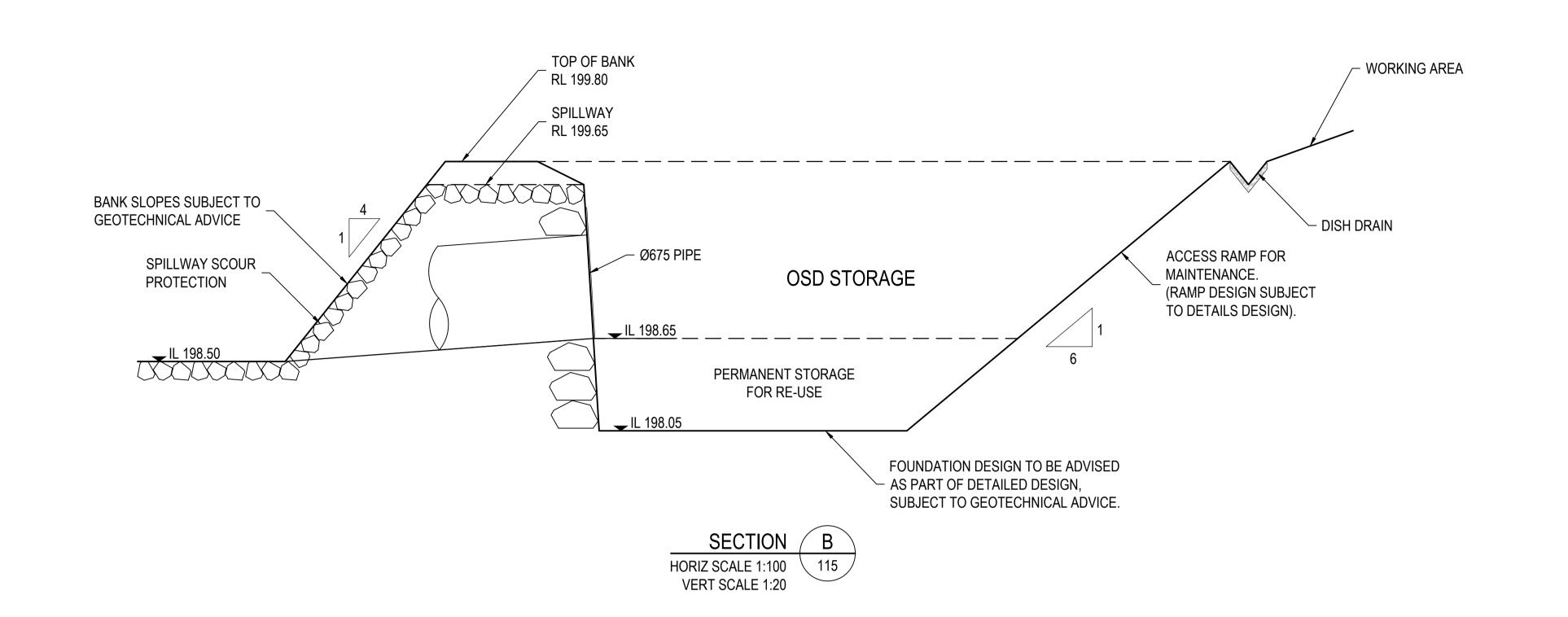
HORIZ. 1:500

VERT. 1:100

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Datum RL 194.0											
OVERALL HEIGHT OF WALL	-0.454	0.000	0.401	1.286	1.604	1.354	1.092	1.041	0.884	0.317	0.000
TOP OF WALL LEVELS	209.000	209.604	210.103	211.207	211.605	211.302	210.983	210.904	210.665	210.014	209.642
EXISTING LEVELS	209.454	209.604	209.703	209.921	210.001	209.947	209.891	209.864	209.780	209.697	209.642
CONTROL CHAINAGE	0.000	5.500	10.000	20.000	23.607	30.000	36.727	40.000	50.000	60.000	66.588

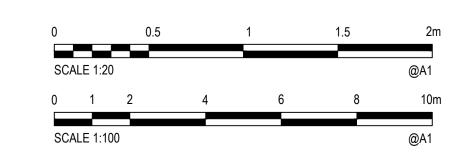






 02
 06/07/18
 ISSUED FOR DEVELOPMENT APPLICATION
 SJB
 SJB

DEVICE NAME: DWG To PDF.pc3 3 3:47:15 PM BY : PIOTR WOJCIK



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L	Drawn Date LDB 02/07/18	Client KARIONG SAND AND SOIL SUPPLIES					
L	Checked Date SJB 02/07/18		Status	PRFLII	MINARY		
	Designed Date SJB 02/07/18		NOT TO BE USED FOR CONSTRUCTION PURPO				
١	/erified Date	SOMERSBY Title	Datum AHD	Register -	Scale AS SHOWN	Size	A1
7	Approved Date	CONCEPT STORMWATER DETAILS	Drawing Number		7.0 0.101111		Revision
	- -	OONOLI I OTOKWWATEK DETAILO	80518002-CI-116				

