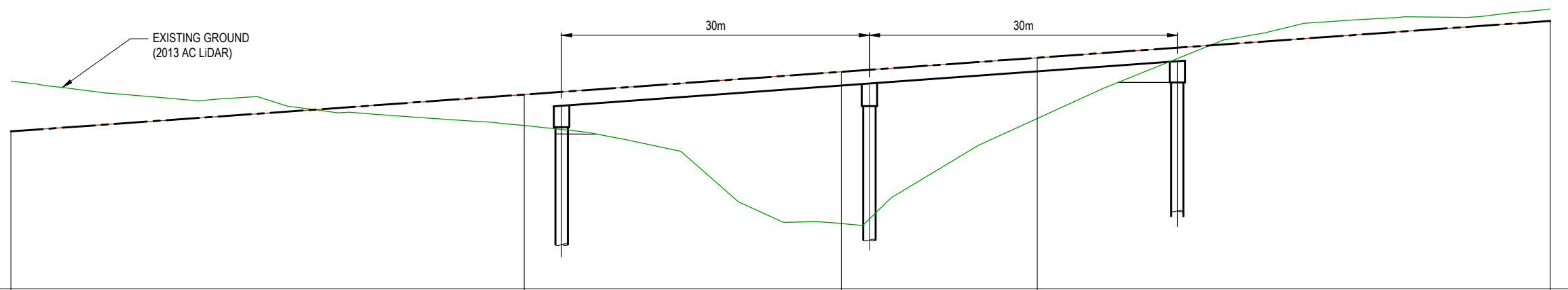
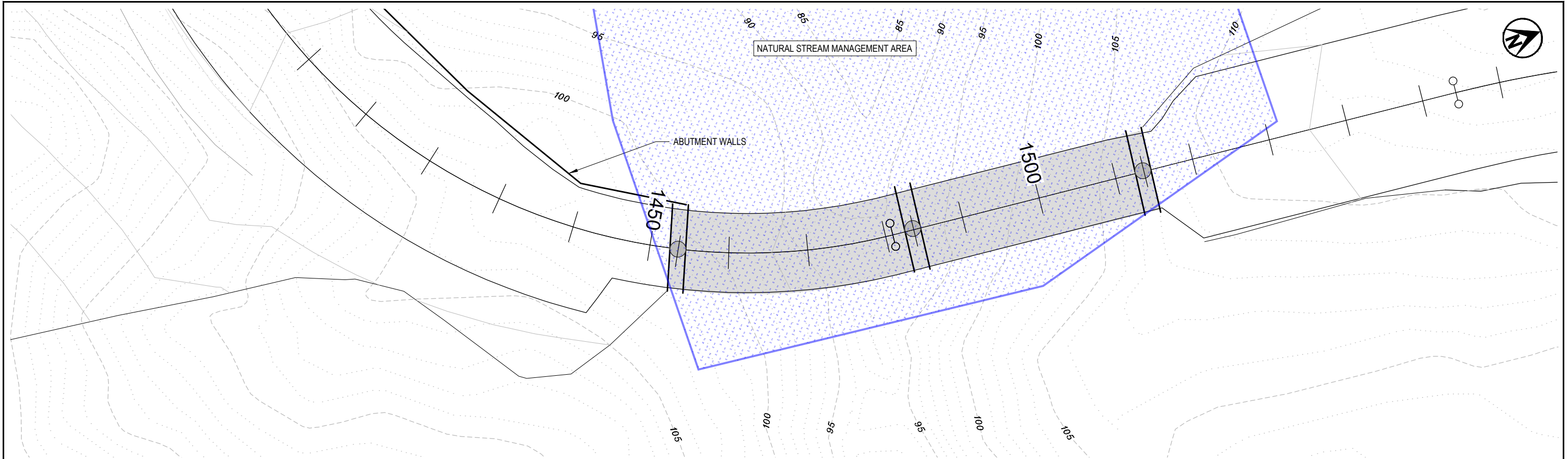


PROJECT No. 1005069		
DESIGNED	AGBB	Sep.19
DRAWN	BKD	Sep.19
CHECKED		
APPROVED		DATE

CLIENT	WASTE MANAGEMENT NZ LTD		
PROJECT	AUCKLAND REGIONAL LANDFILL		
TITLE	BIN EXCHANGE AREA AND LANDFILL ACCESS ROAD OVERALL PLAN - ALT BRIDGE		
SCALE (A3)	1:5000	FIG No.	ENG-61
		REV	1



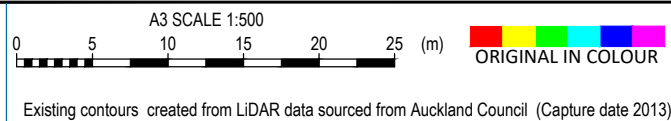
Datum RL85	
VERTICAL GEOMETRY	
HORIZONTAL GEOMETRY	Arc Radius=76.4m
FINISHED ROAD LEVEL (m)	1400.00 100.31 1450.00 103.89 1480.92 106.11 1500.00 107.48 1550.00 111.06
CHAINAGE (m)	1400.00 100.31 1450.00 103.89 1480.92 106.11 1500.00 107.48 1550.00 111.06

ALIGNMENT RS03 E BR->BRIDGE OPTION 2

Horizontal Scale 1:500
Vertical Scale 1:500



Exceptional thinking together www.tonkintaylor.co.nz

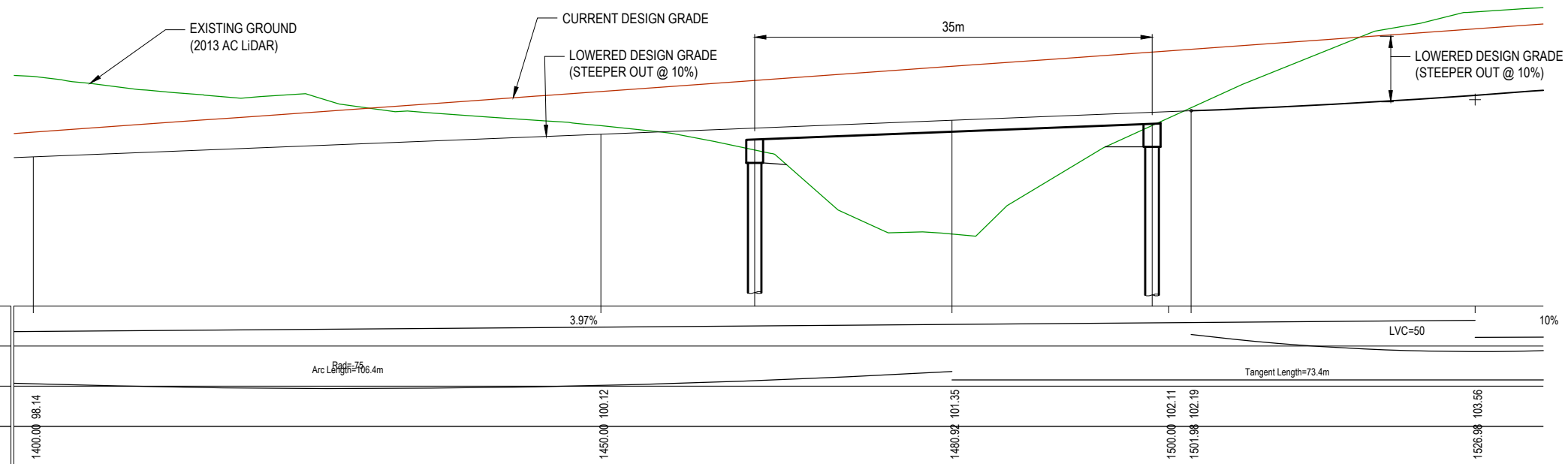
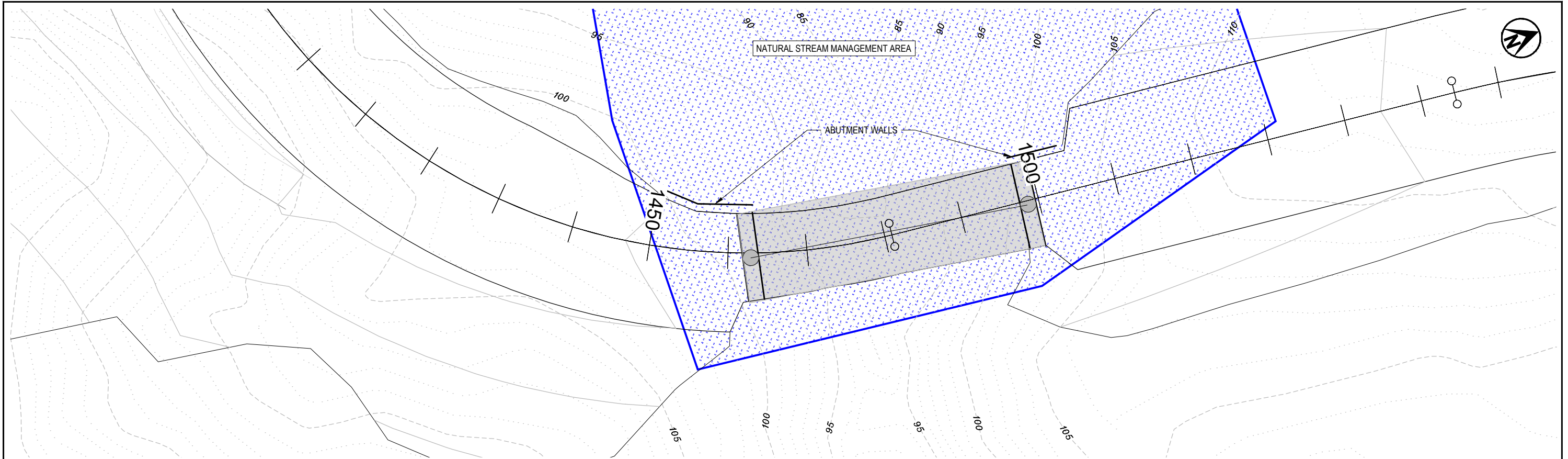


PROJECT No.	1005069
DESIGNED	AGBB
DRAWN	BKD
CHECKED	

CLIENT	WASTE MANAGEMENT NZ LTD
PROJECT	AUCKLAND REGIONAL LANDFILL
TITLE	LANDFILL ACCESS ROAD ALTERNATE DESIGN - BRIDGE 2

APPROVED	DATE
----------	------

SCALE (A3)	1:500	FIG No.	ENG-63	REV	1
------------	-------	---------	--------	-----	---

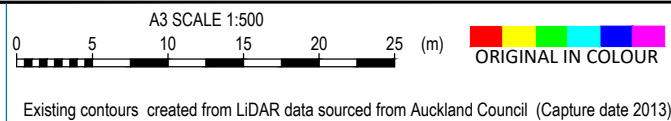


ALIGNMENT RS03 E BR->BRIDGE OPTION 2A

Horizontal Scale 1:500
Vertical Scale 1:500



Exceptional thinking together www.tonkintaylor.co.nz

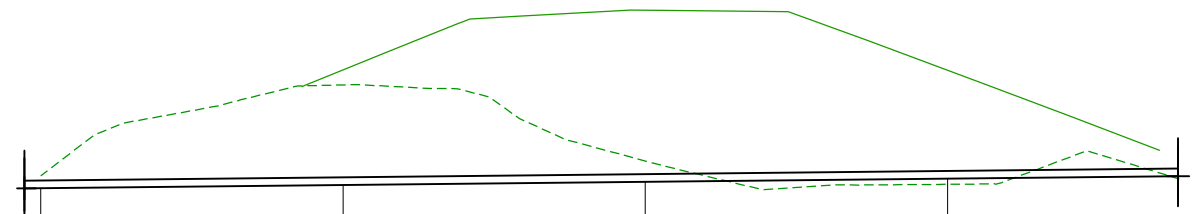
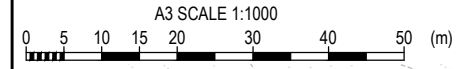
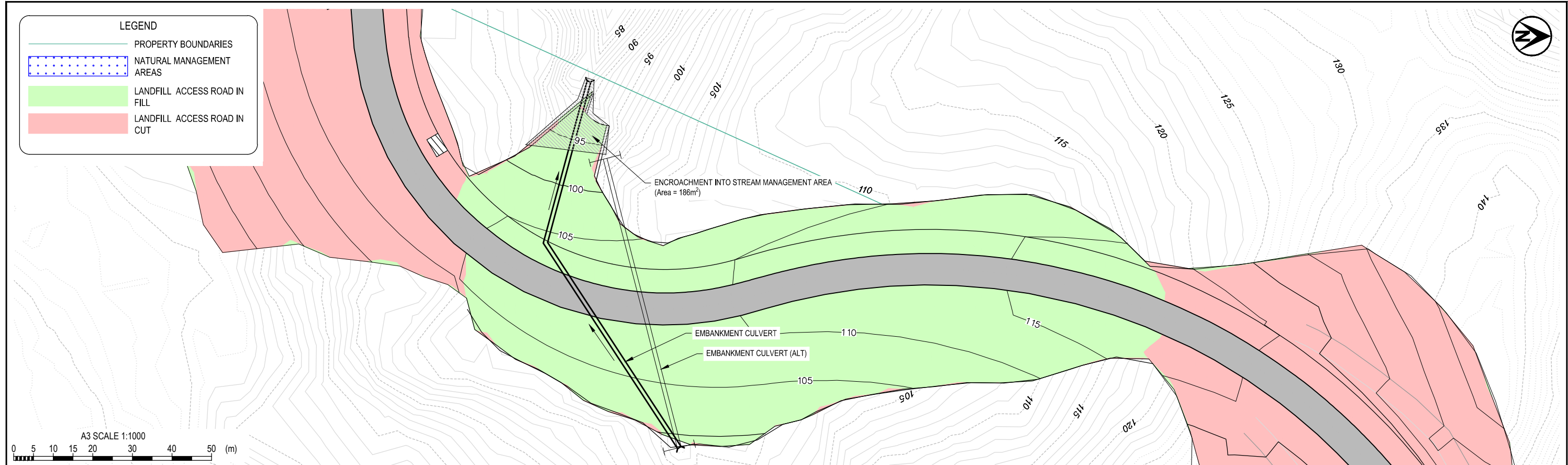


PROJECT No.	1005069	
DESIGNED	AGBB	Oct.19
DRAWN	BKD	Oct.19
CHECKED		

CLIENT	WASTE MANAGEMENT NZ LTD
PROJECT	AUCKLAND REGIONAL LANDFILL
TITLE	LANDFILL ACCESS ROAD ALTERNATE DESIGN - BRIDGE 2A

APPROVED DATE

SCALE (A3) 1:500 FIG No. ENG-64 REV 1



LONGITUDINAL SECTION: ALTERNATIVE CULVERT

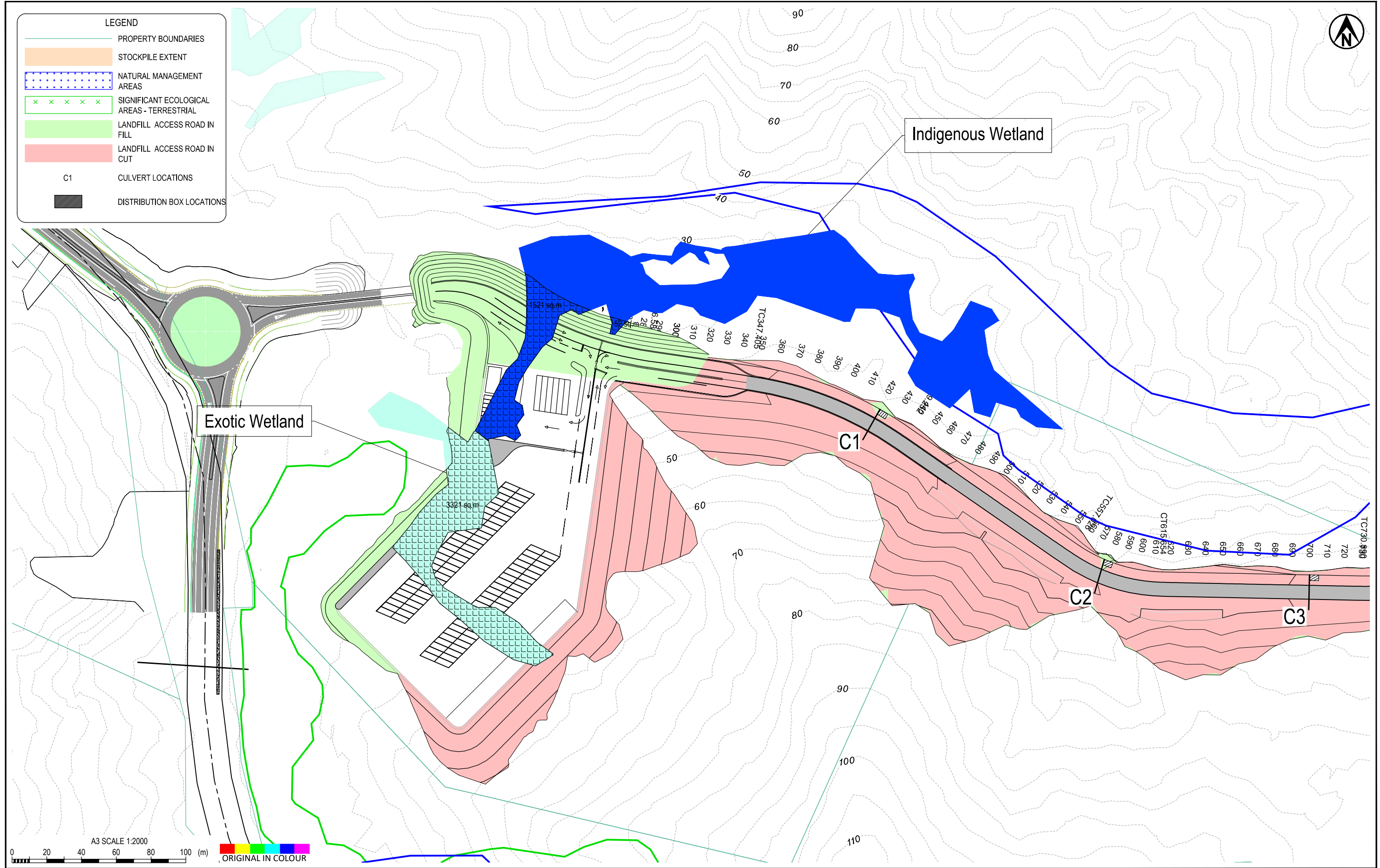
Horizontal Scale 1:500
Vertical Scale 1:500

Datum RL(m) 85					
PIPE INVERT LEVEL (m)	96.67	96.89	97.10	97.31	
EXISTING GROUND RL (m)		104.49	108.43	104.46	
CHAINAGE (m)	0.00	20.00	40.00	60.00	75.32
VERTICAL GEOMETRY	1.06%				
HORIZONTAL GEOMETRY	Tangent Length=75.3m				
SUPERELEVATION	-----				

ORIGINAL IN COLOUR

PROJECT No.	1005069	
DESIGNED	AGBB	Sep.19
DRAWN	BKD	Sep.19
CHECKED		
APPROVED	DATE	

CLIENT	WASTE MANAGEMENT NZ LTD	
PROJECT	AUCKLAND REGIONAL LANDFILL	
TITLE	BIN EXCHANGE AREA AND LANDFILL ACCESS ROAD BUND - ALTERNATIVE CULVERT	
SCALE (A3)	AS SHOWN	FIG No. ENG-CULVERT 2
REV	1	



PROJECT No.	1005069	
DESIGNED	AGBB	Nov.19
DRAWN	BKD	Nov.19
CHECKED		
APPROVED	DATE	

CLIENT	WASTE MANAGEMENT NZ LTD	
PROJECT	AUCKLAND REGIONAL LANDFILL	
TITLE	BIN EXCHANGE AREA AND LANDFILL ACCESS ROAD EXISTING WETLANDS	
SCALE (A3)	1:2000	FIG No. ENG-30
REV	1	