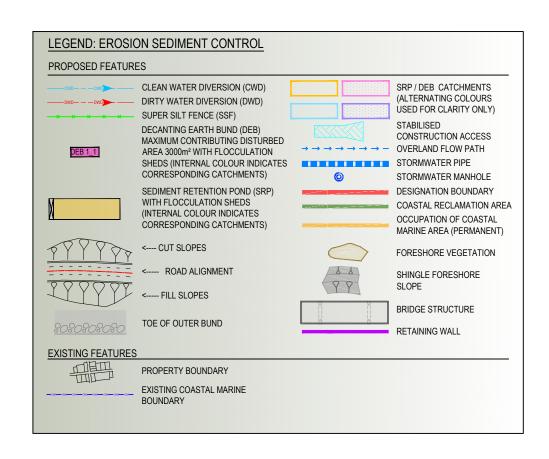
PLAN SET 10 EROSION AND SEDIMENT CONTROL

	EAST WEST LINK DRAWING REGISTER						
DWG NUMBER	DRAWING TITLE	CURRENT REVISION	DA	DATE AND REVISION			
			23/05/2017	27/06/2017	3/07/2017	13/09/2017	22/09/2017
	PLAN SET 10 - EROSION AND SEDIMENT CONTROL						
AEE-ES-001	EROSION AND SEDIMENT CONTROL - EAST WEST LINK - DRAWING INDEX, NOTES AND LEGEND	4	2	3			4
AEE-ES-100	EROSION AND SEDIMENT CONTROL - EAST WEST LINK - OVERVIEW PLAN	4	2	3			4
AEE-ES-101	EROSION AND SEDIMENT CONTROL - SH20/NEILSON STREET INTERCHANGE - SHEET 1	3	1	2			3
AEE-ES-102	EROSION AND SEDIMENT CONTROL - NEILSON STREET INTERCHANGE - SHEET 2	3	1	2			3
AEE-ES-103	EROSION AND SEDIMENT CONTROL - GALWAY STREET - SHEET 3	3	1	2			3
AEE-ES-104	EROSION AND SEDIMENT CONTROL - EMBANKMENT - SHEET 4	3	1	2			3
AEE-ES-105	EROSION AND SEDIMENT CONTROL - EMBANKMENT - SHEET 5	3	1	2			3
AEE-ES-106	EROSION AND SEDIMENT CONTROL - EMBANKMENT/ANNS CREEK - SHEET 6	3	1	2			3
AEE-ES-107	EROSION AND SEDIMENT CONTROL - ANNS CREEK - SHEET 7	4	2	3			4
AEE-ES-108	EROSION AND SEDIMENT CONTROL - ANNS CREEK/SYLVIA PARK ROAD - SHEET 8	4	2	3			4
AEE-ES-109	EROSION AND SEDIMENT CONTROL - ANNS CREEK/SYLVIA PARK RAMPS - SHEET 9	4	2	3			4
AEE-ES-110	EROSION AND SEDIMENT CONTROL - SH1/SYLVIA PARK RAMPS - SHEET 10	3	1	2			3
AEE-ES-111	EROSION AND SEDIMENT CONTROL - SH1/PANAMA ROAD - SHEET 11	3	1	2			3
AEE-ES-112	EROSION AND SEDIMENT CONTROL - SH1/OTAHUHU CREEK - SHEET 12	2	1	2			2
AEE-ES-113	EROSION AND SEDIMENT CONTROL - PRINCES STREET INTERCHANGE - SHEET 13	3	1	2			3
AEE-ES-114	EROSION AND SEDIMENT CONTROL - NEILSON STREET INTERCHANGE - LOCAL ROADS - SHEET 14A AND 14B	3	1	2			3
AEE-ES-115	EROSION AND SEDIMENT CONTROL - CAPTAIN SPRINGS ROAD/ PORTS LINK - SHEET 15A AND 15B	3	1	2			3
AEE-ES-116	EROSION AND SEDIMENT CONTROL - EMBANKMENT - SHEET 16	2	1	2			2
AEE-ES-301	EROSION AND SEDIMENT CONTROL - TYPICAL DETAIL - SHEET 1	2	1	2			2
AEE-ES-302	EROSION AND SEDIMENT CONTROL - TYPICAL DETAIL - SHEET 2	2	1	2			2
AEE-ES-303	EROSION AND SEDIMENT CONTROL - TYPICAL DETAIL - SHEET 3	2	1	2			2
AEE-ES-304	EROSION AND SEDIMENT CONTROL - TYPICAL DETAIL - SHEET 4	2	1	2			2
AEE-ES-305	EROSION AND SEDIMENT CONTROL - TYPICAL DETAIL - SHEET 5	2	1	2			2



NOTE: THIS PLAN SET CONTAINS THE DESIGNATION AND ROAD ALIGNMENT PROVIDED TO THE BOARD OF INQUIRY AT THE TRANSPORT AGENCY CLOSING SUBMISSION 14 SEPTEMBER 2017

 4
 BOARD OF INQUIRY AMENDMENT
 RT
 NN*
 JC*
 22.09.2017

 3
 BOARD OF INQUIRY
 TD
 NN*
 JC*
 27.06.2017

 2
 ISSUED FOR CONFERENCING
 TD
 NN*
 JC*
 23.05.2017

 1
 ISSUED FOR CONSENT - GSR GRADE SEPARATION
 AR
 NN*
 PK*
 14.12.2016

 No.
 Issued Status
 Drawn
 Checkd Checkd App'd
 Date

DISCLAIMER
This drawing is for the purpose of supporting applications under the RMA for resource consents and designations.
All information shown is subject to final design.
Areas and measurements are subject to survey.
Where the designs conflict with conditions the conditions will prevail. This Drawing must not be used for construction





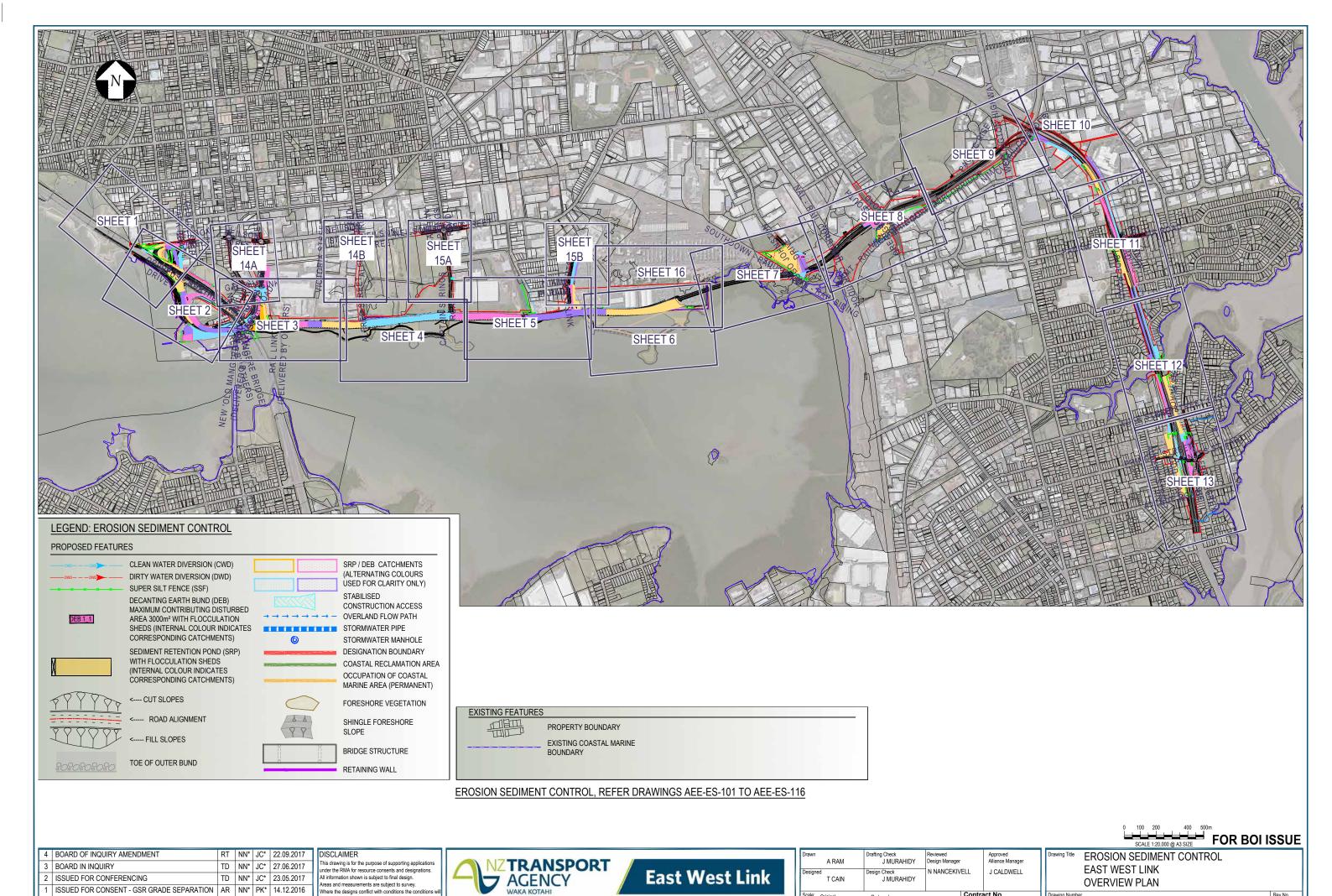
Drawn A RAM		Drafting Check J MURA				Approved Alliance Manager
Designed T CAIN		Design Check J MURA	Design Check J MURAHIDY		ELL.	J CALDWELL
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SI	HOWN	Contra	PA4014

EROSION SEDIMENT CONTROL
EAST WEST LINK
DRAWING INDEX, NOTES AND LEGEND

AEE-ES-001

Rev No.
4

FOR BOI ISSUE



Scale: Original Scale (A1)

Reduced Scale (A3)

AS SHOWN

PA4014

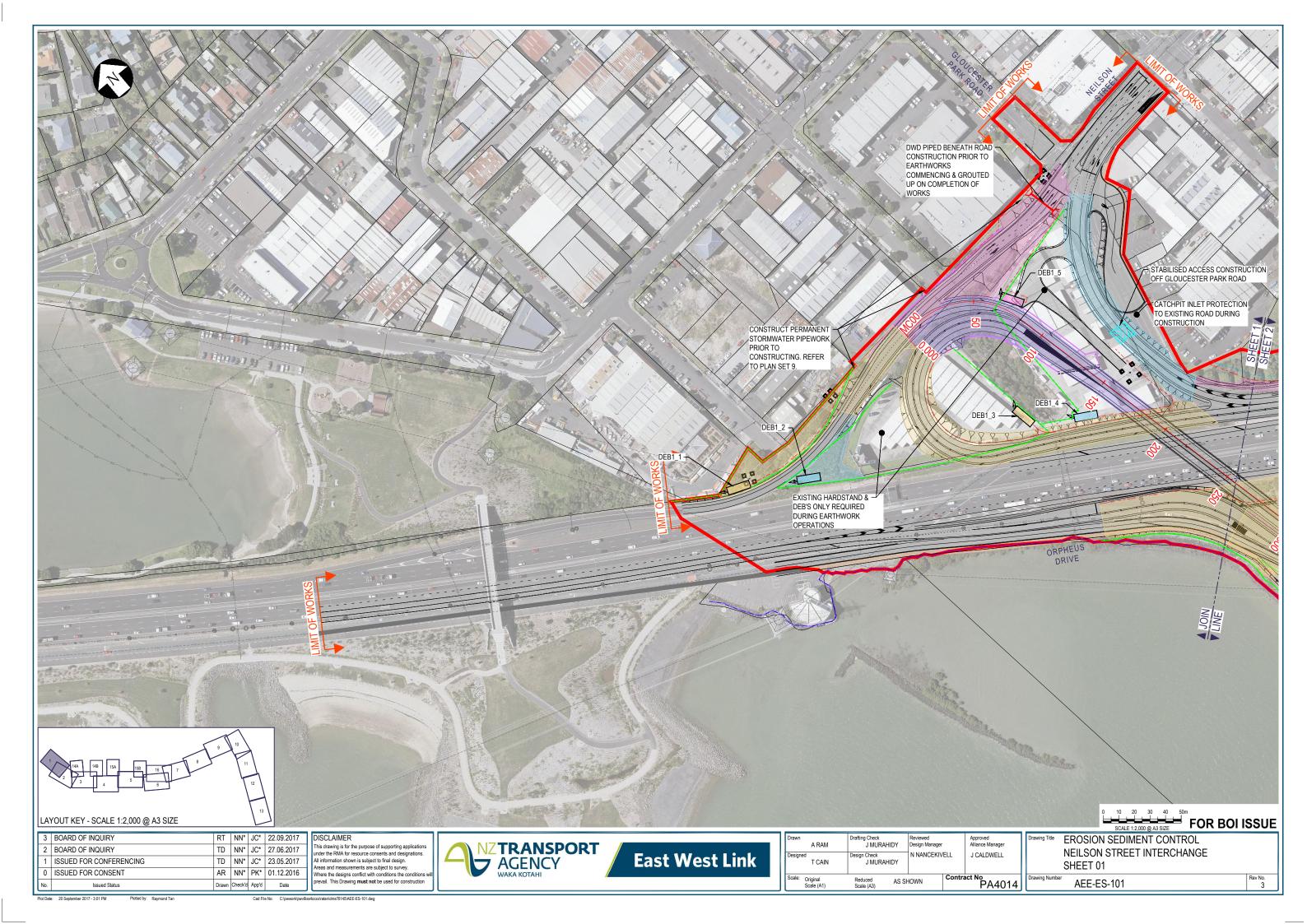
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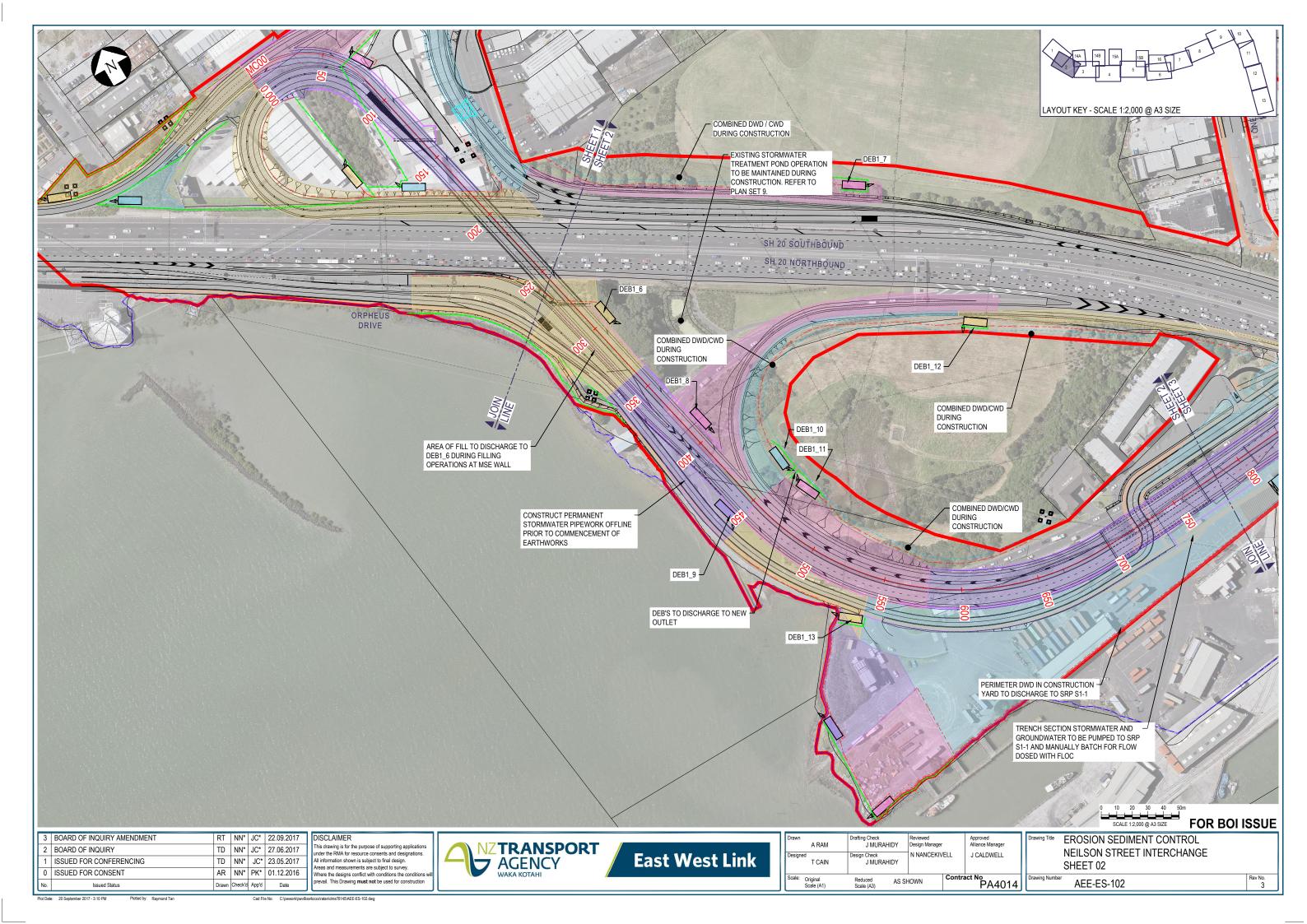
Drawn Check'd App'd

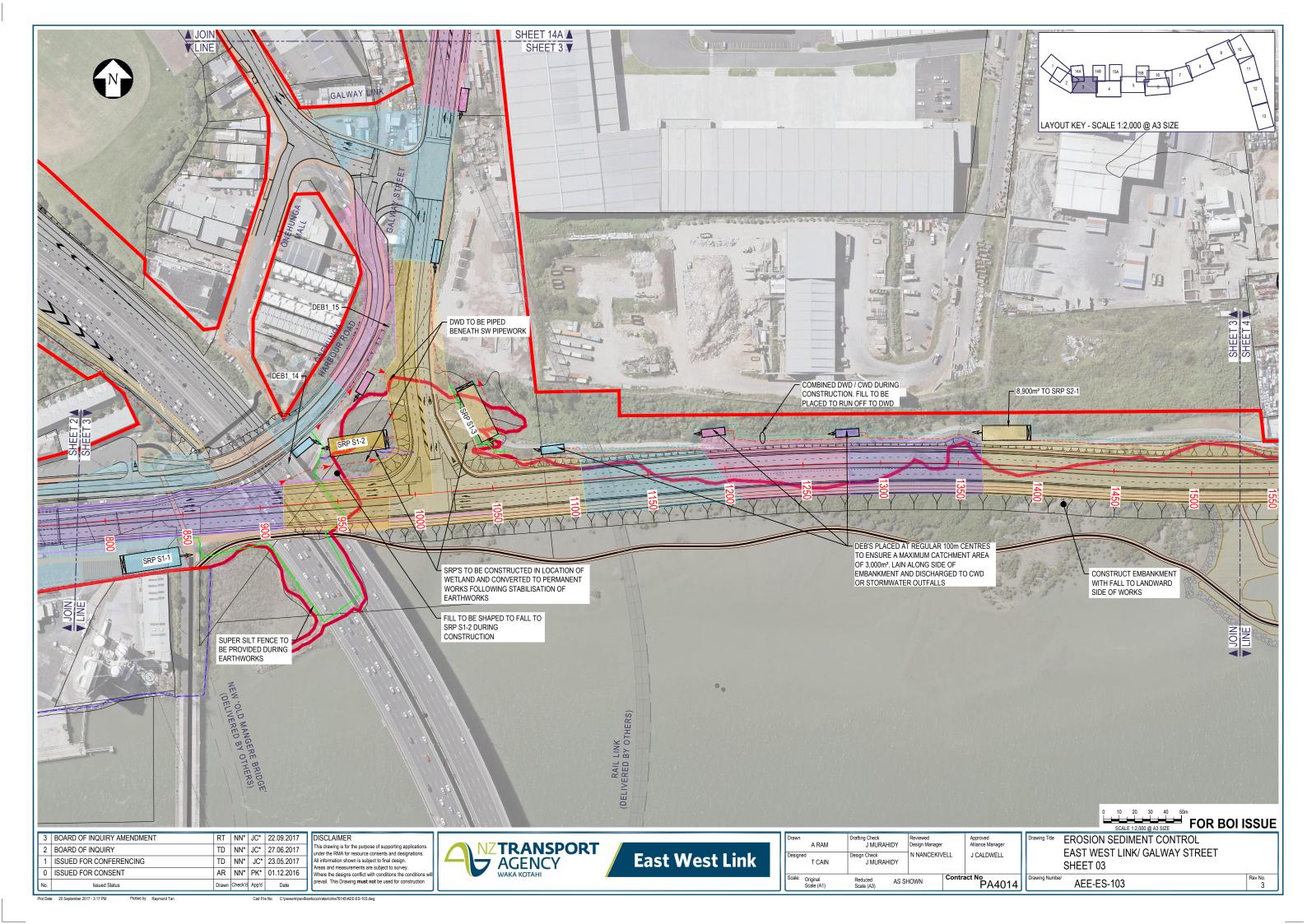
Date

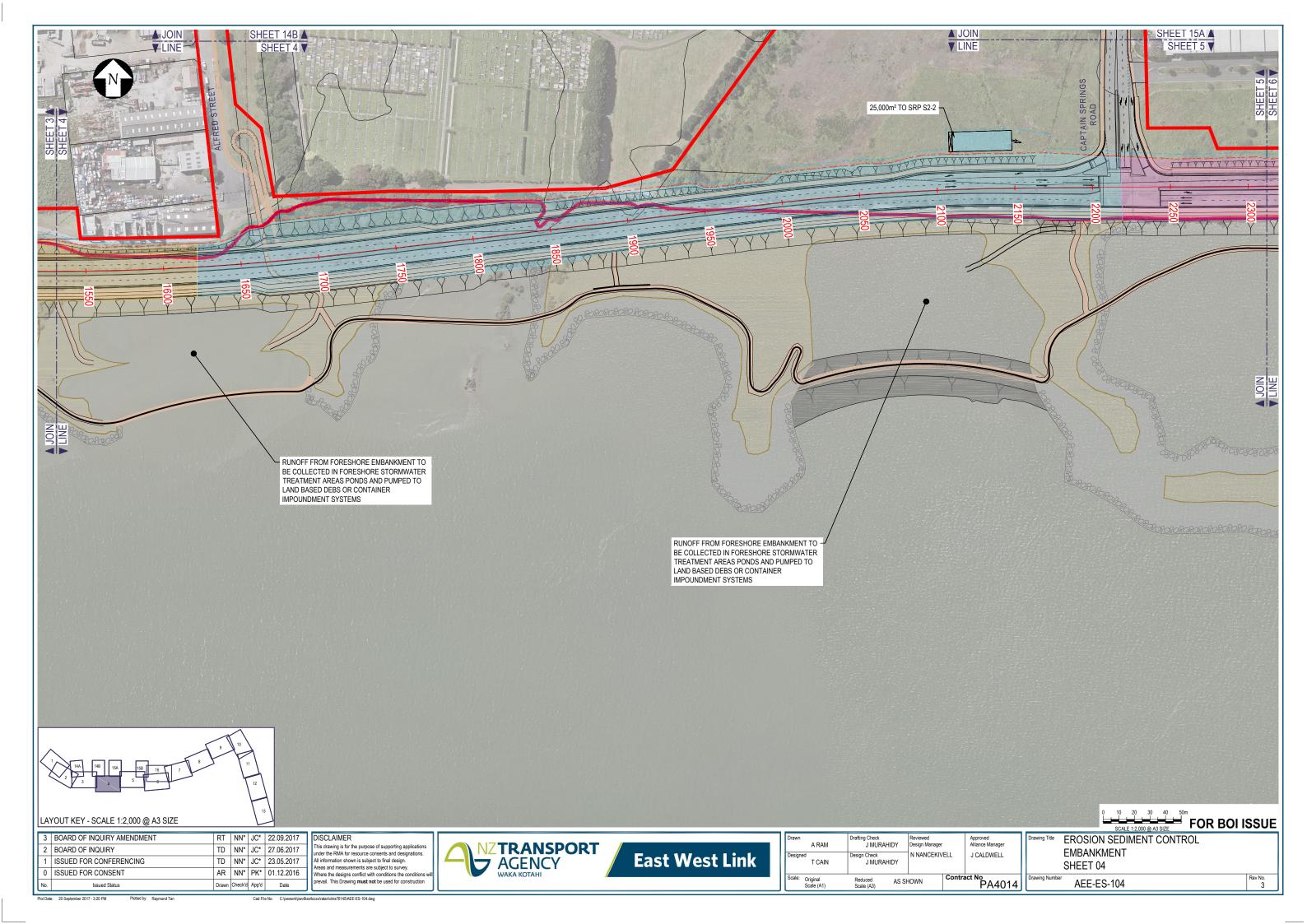
prevail. This Drawing must not be used for construction

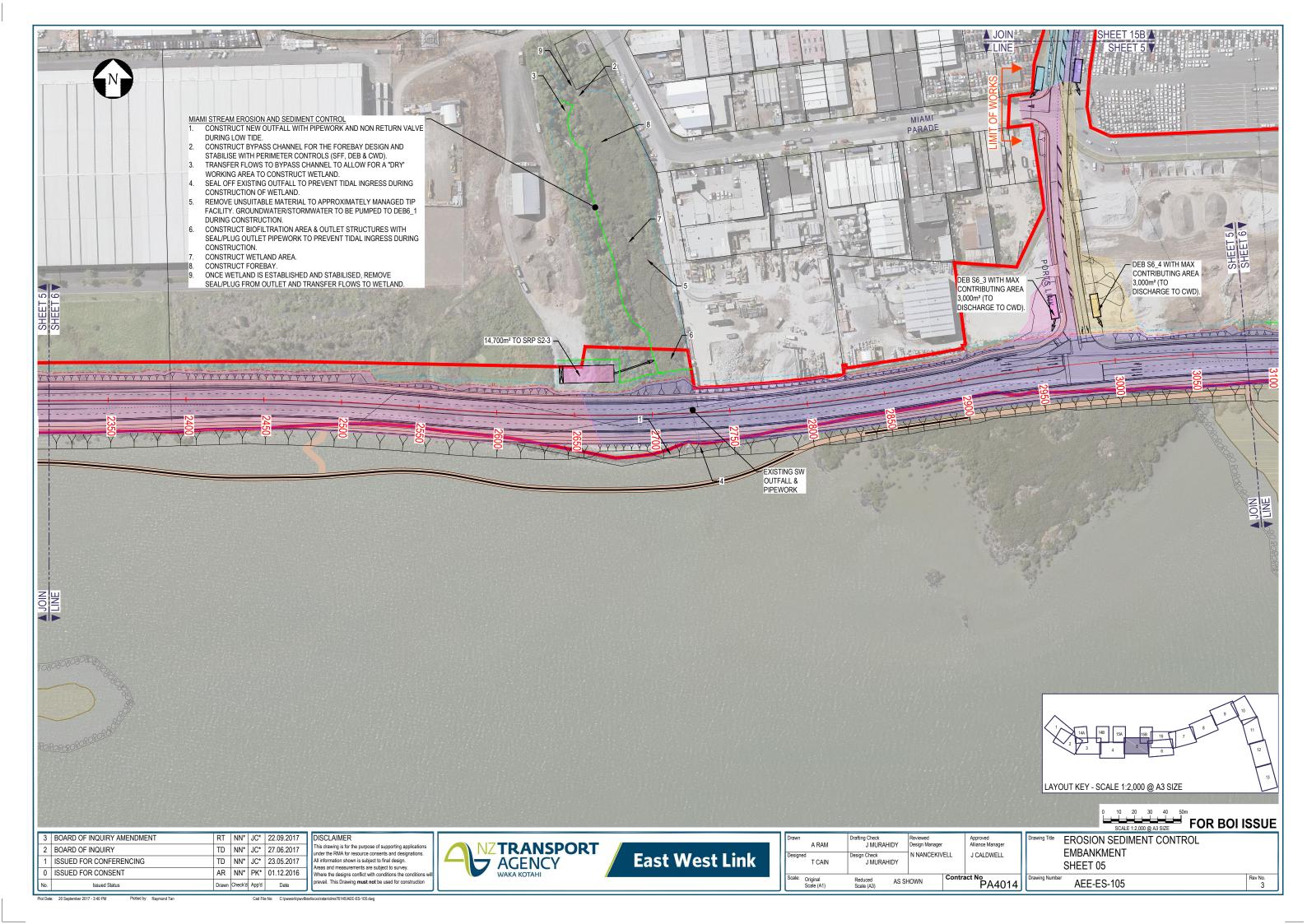
1 ISSUED FOR CONSENT - GSR GRADE SEPARATION AR NN* PK* 14.12.2016



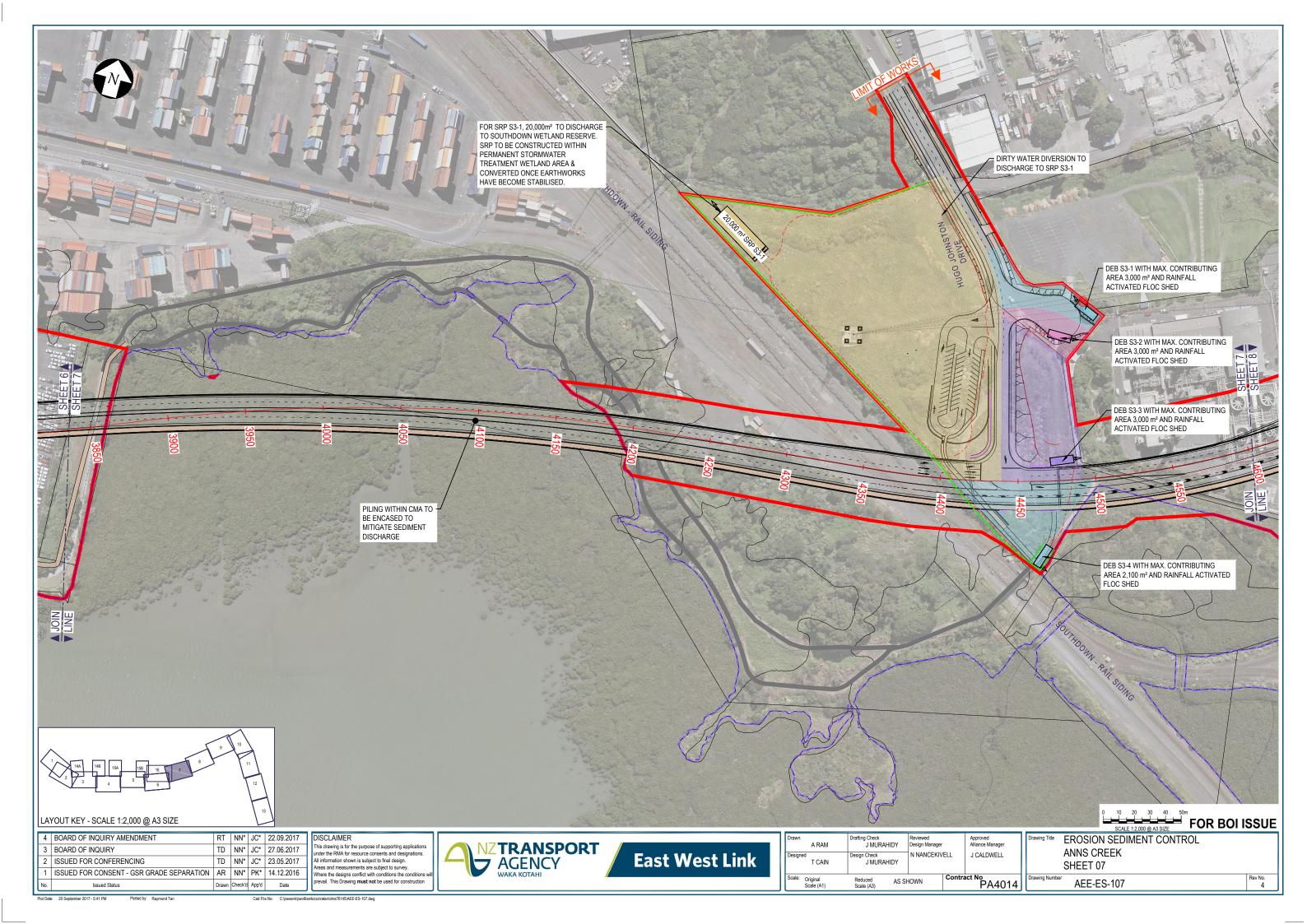


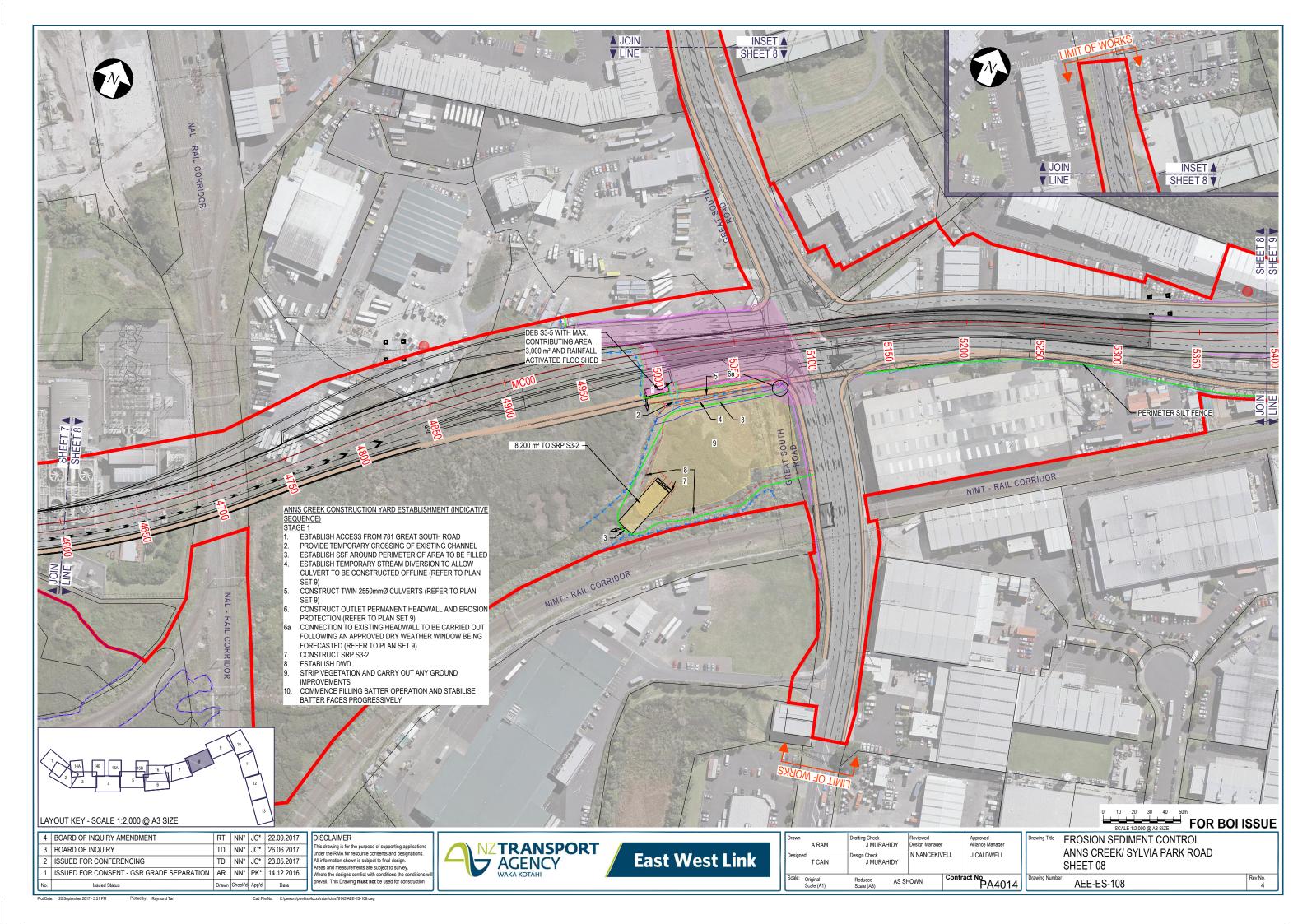


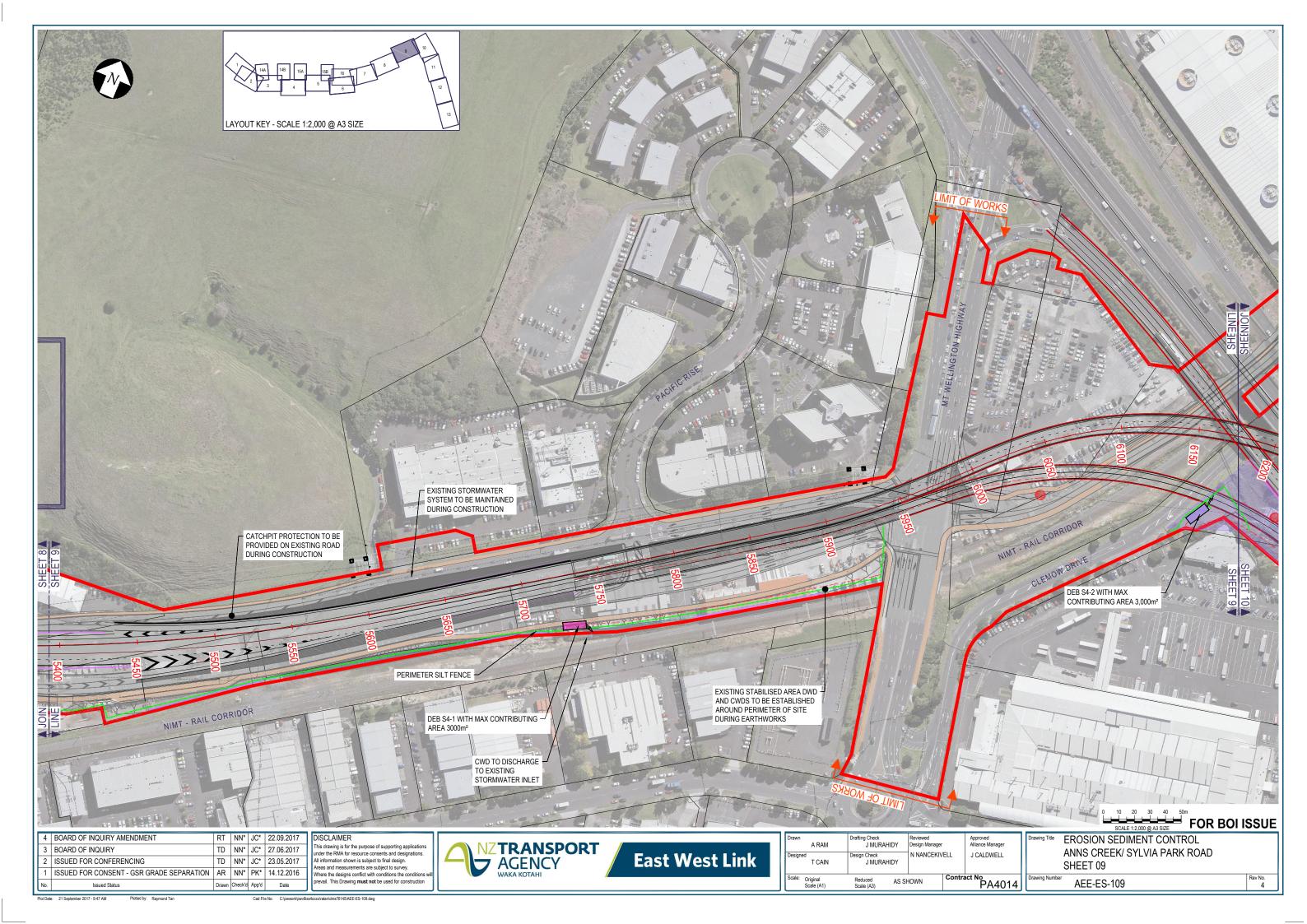


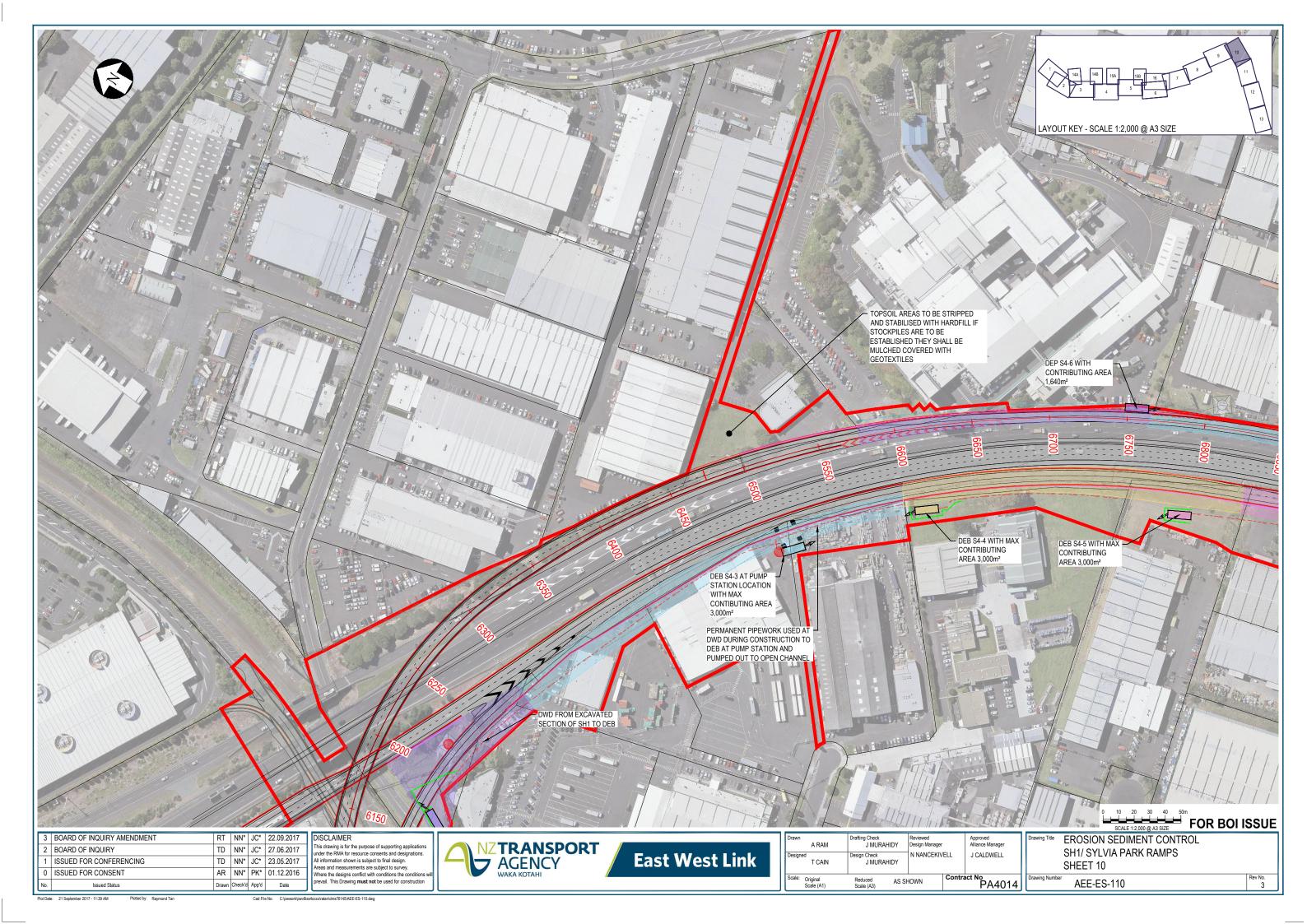


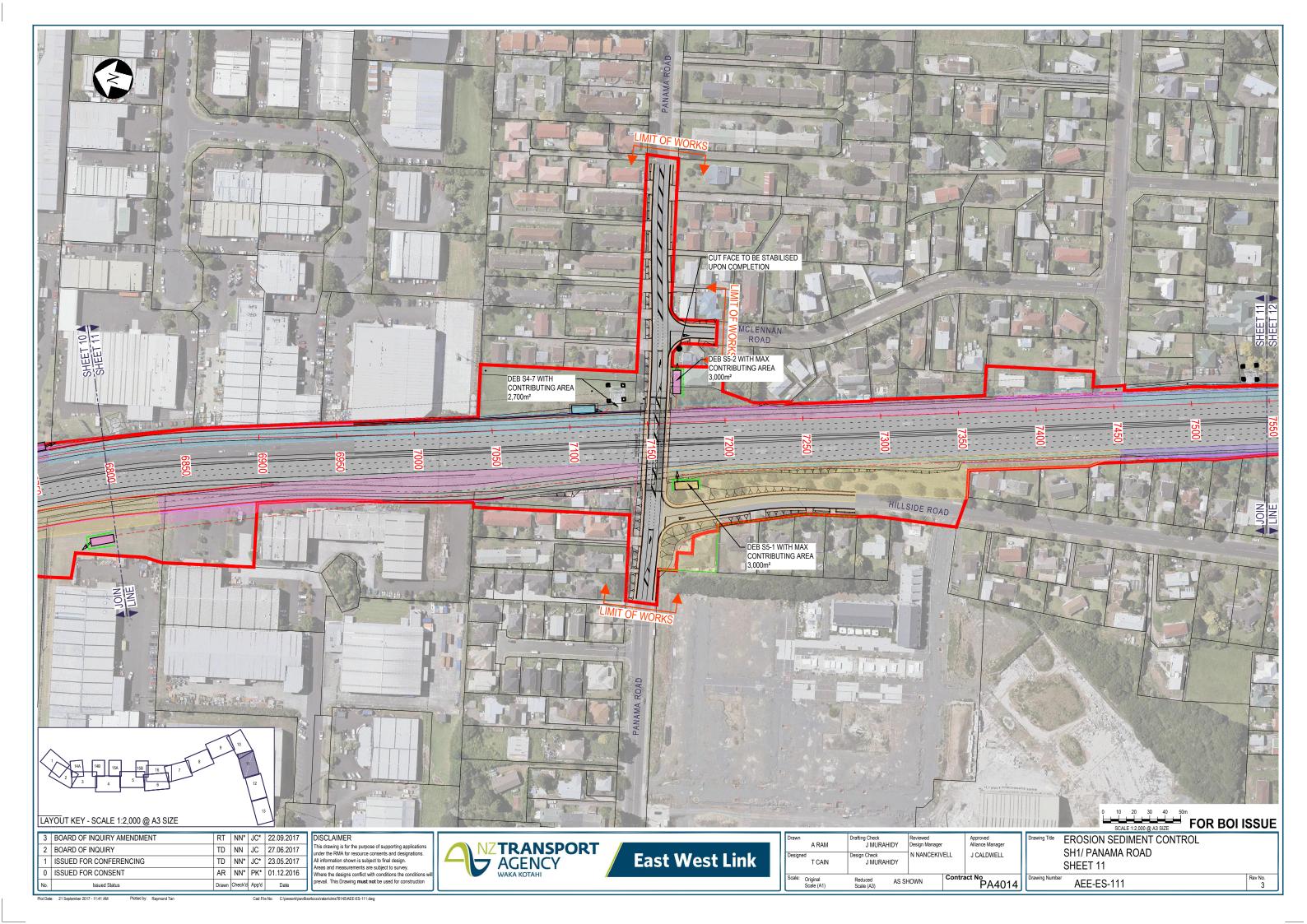


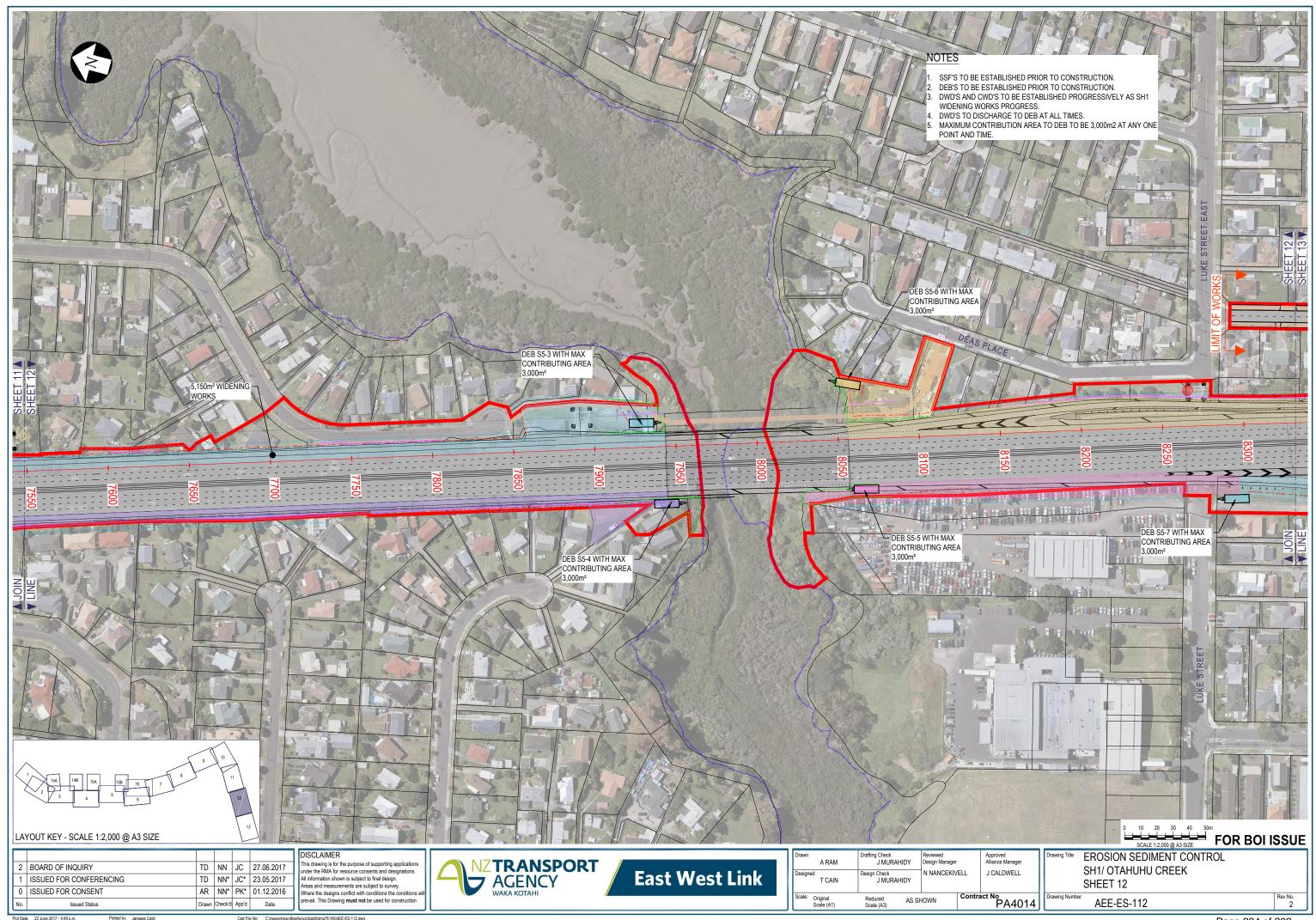


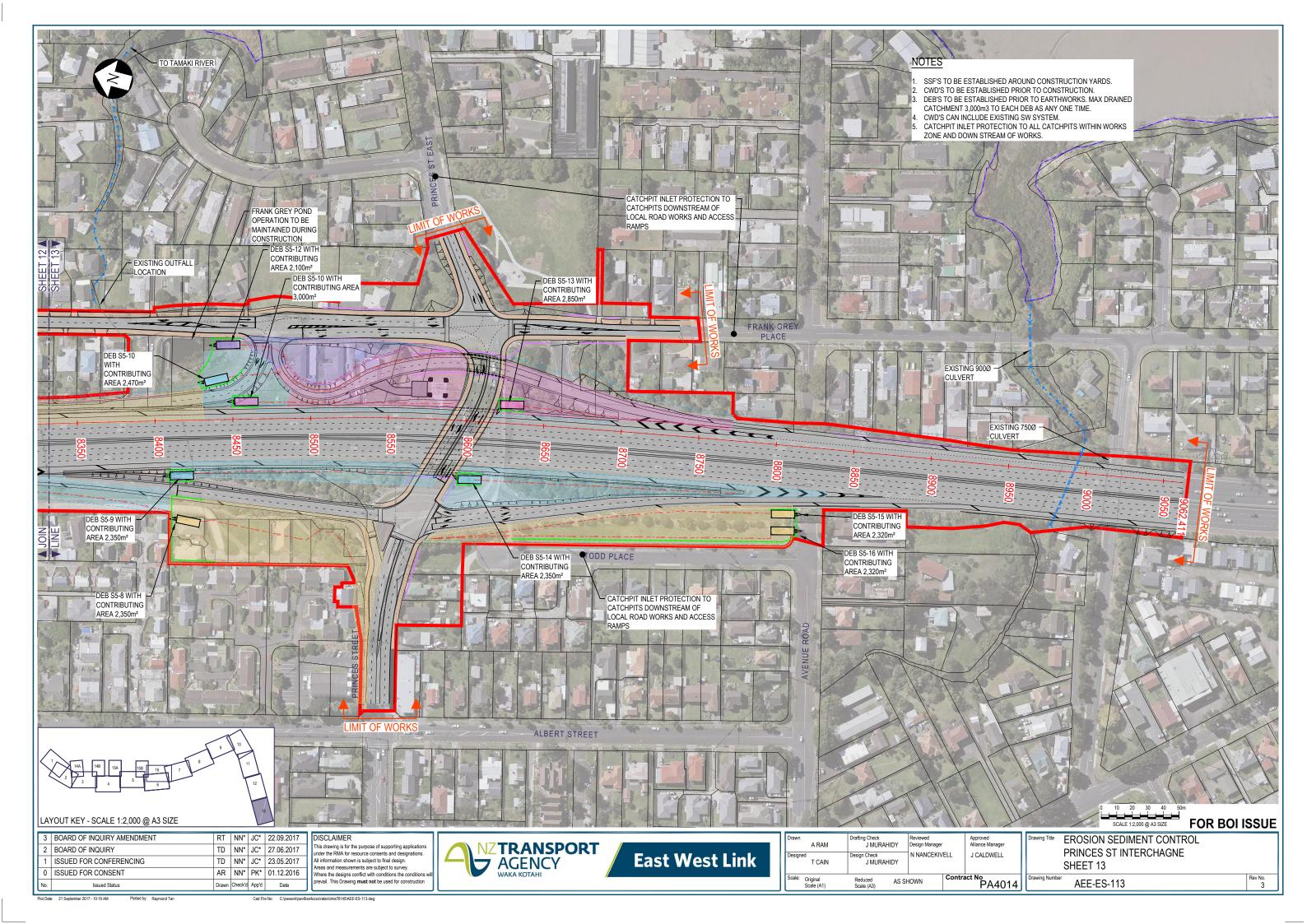


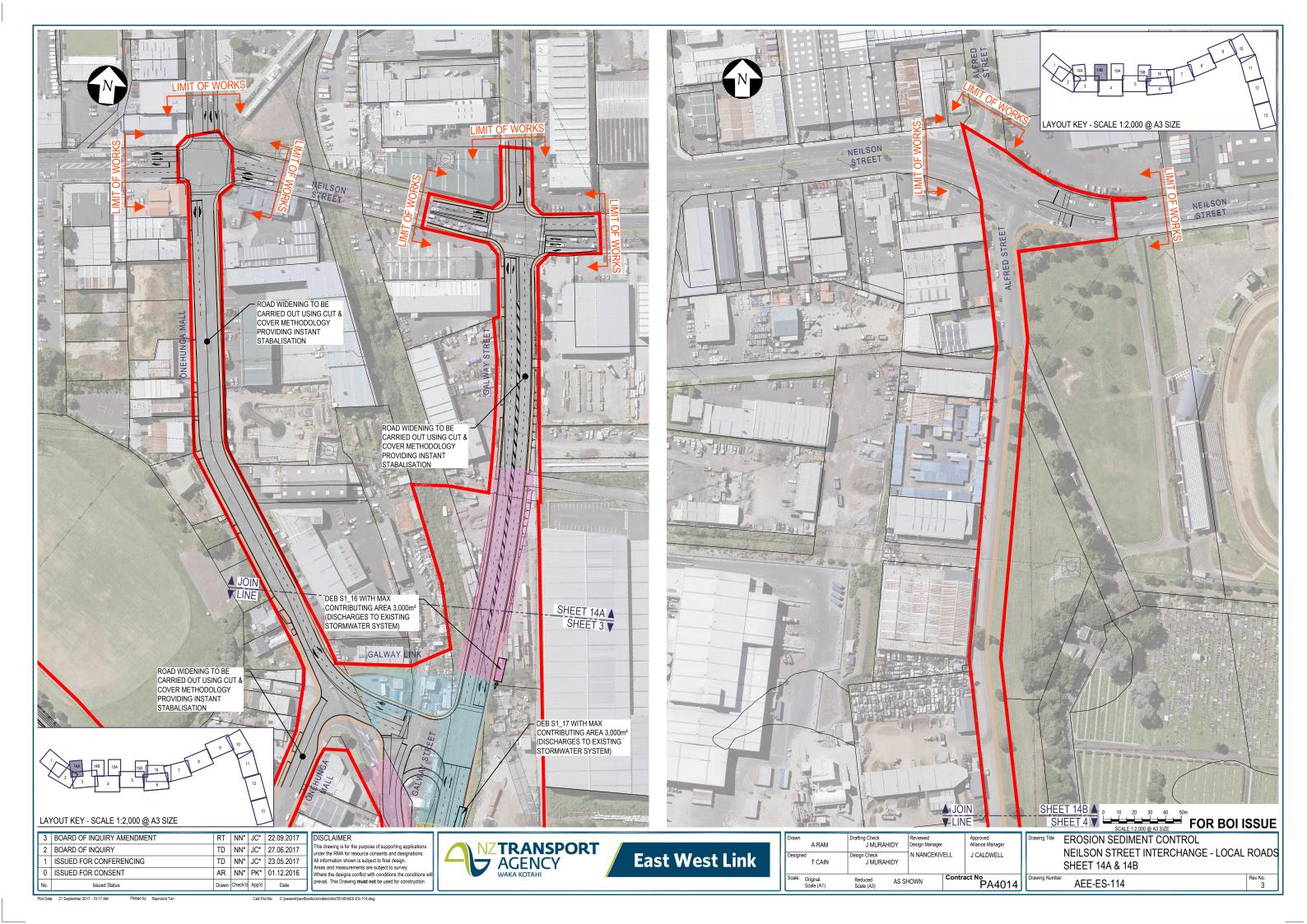


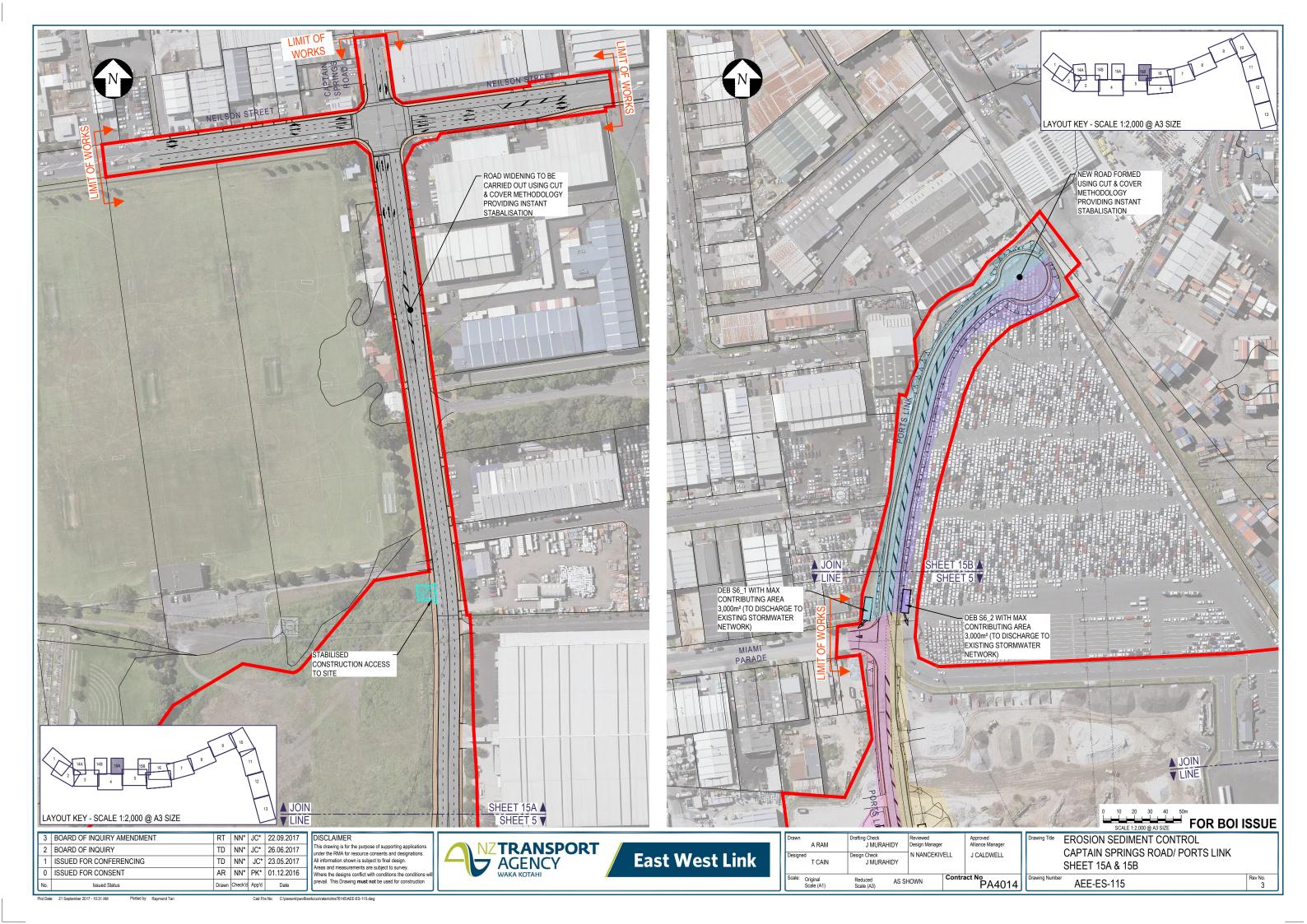




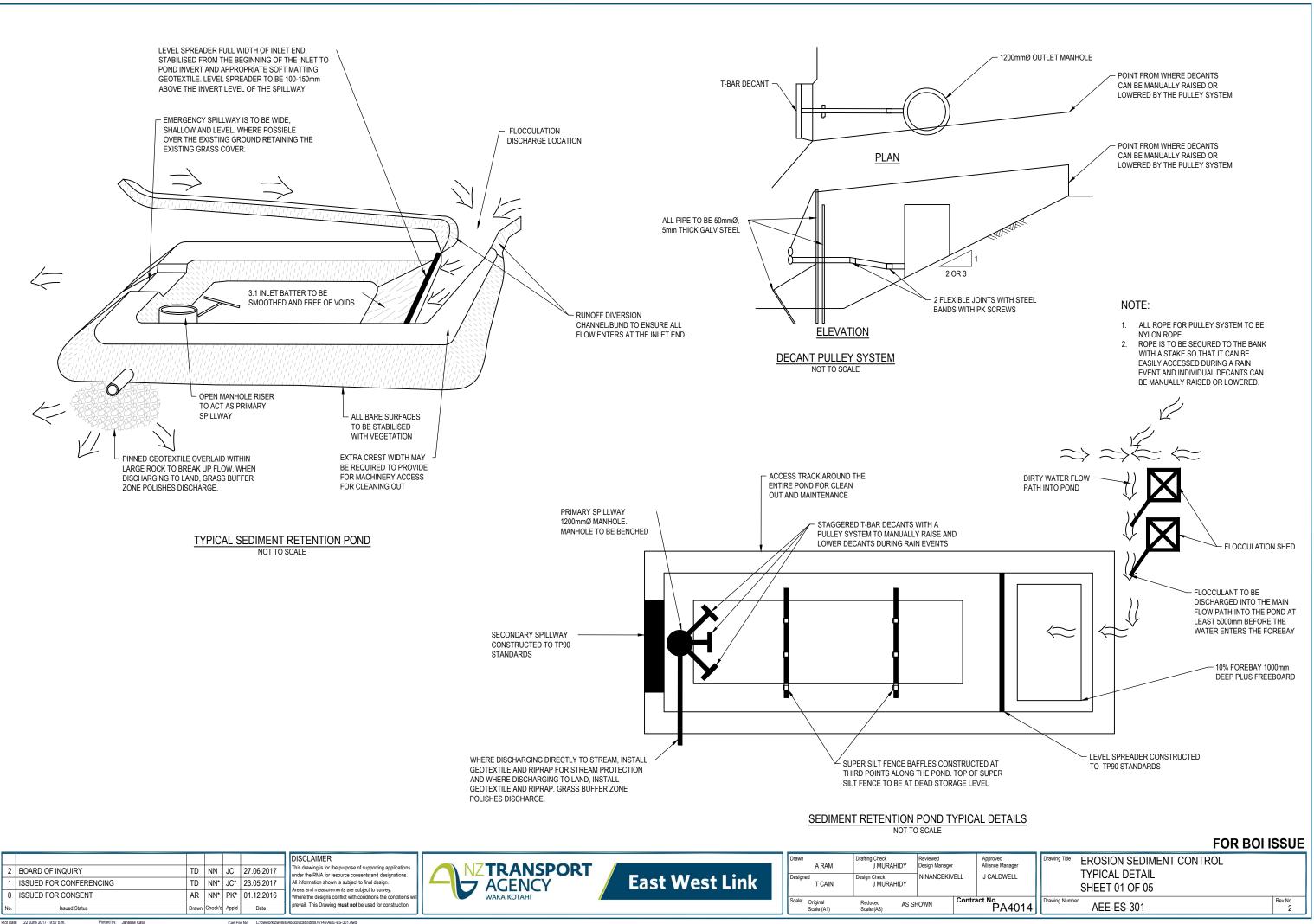


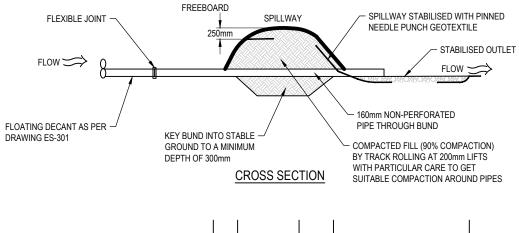


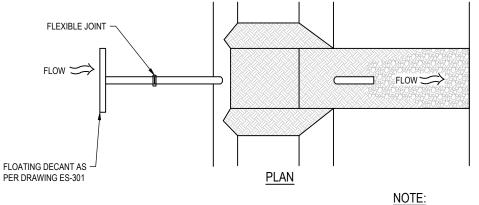




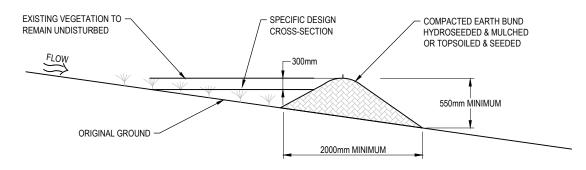




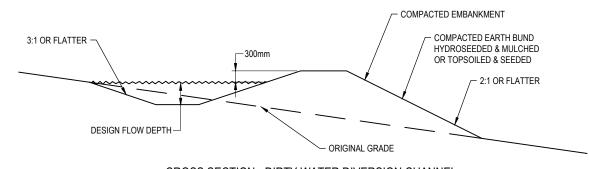




DECANTING EARTH BUND NOT TO SCALE CHEMICAL TREATMENT
 (FLOCCULATION) TO BE PROVIDED
 FOR ALL DECANTING EARTH BUNDS



CROSS SECTION - CLEAN WATER RUNOFF DIVERSION BUND



 $\frac{\text{CROSS SECTION - DIRTY WATER DIVERSION CHANNEL}}{\text{NOT TO SCALE}}$

l						
l	2	BOARD OF INQUIRY	TD	NN	JC	27.06.2017
ı	1	ISSUED FOR CONFERENCING	TD	NN*	JC*	23.05.2017
l	0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016
ı	No.	Issued Status	Drawn	Check'd	App'd	Date

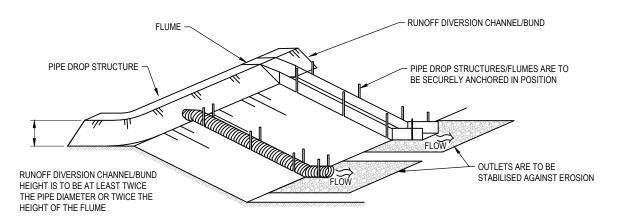
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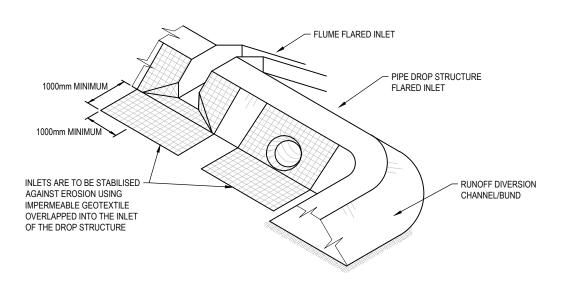


East West Link

Drawn	A RAM	Drafting Check J MUR	AHIDY	Reviewed Design Manager		Approved Alliance Manager	D
Design	T CAIN	Design Check J MUR	AHIDY	N NANCEKI\	/ELL	J CALDWELL	
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SI	HOWN	Contra	PA4014	

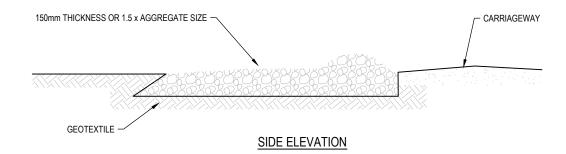
	FOR BOI	ISSUE
Drawing Title	EROSION SEDIMENT CONTROL	
	TYPICAL DETAIL	
	SHEET 02 OF 05	
Drawing Number	er AEE-ES-302	Rev No.

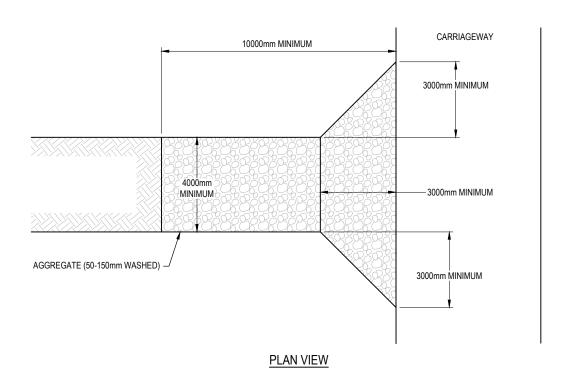




TP90 DESIGN CRITERIA FOR PIPE DROP STRUCTURE							
PIPE DIAMETER (mm) MAXIMUM CATCHMENT AREA (ha							
150	0.05						
300	0.20						
450	0.60						
500	1.00						
600	1.00						
SPECIFIC DESIGNS ARE REQUIRED FOR FLUME SIZING							

PIPE DROP / FLUME STRUCTURE NOT TO SCALE





STABILISED CONSTRUCTION ENTRANCE NOT TO SCALE

FOR BOI ISSUE

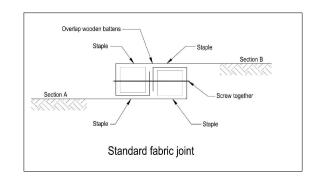
2	BOARD OF INQUIRY	TD	NN	JC	27.06.2017
1	ISSUED FOR CONFERENCING	TD	NN*	JC*	23.05.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016
No.	Issued Status	Drawn	Check'd	App'd	Date

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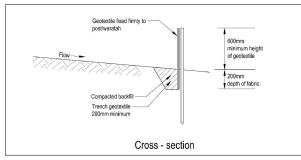
East West Link

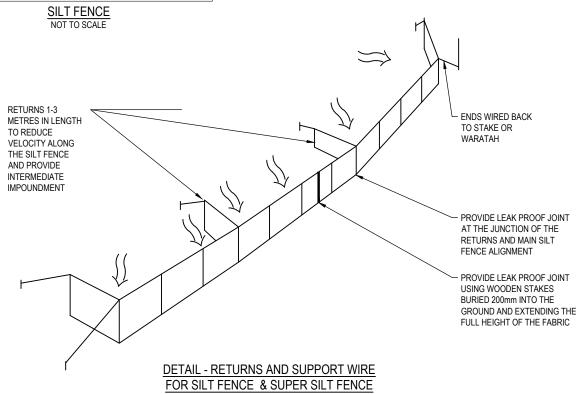
Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager	Approved Alliance Manager	
Designed T CAIN	Design Check J MURAHIDY	N NANCEKIVELL	J CALDWELL	
Scale: Original Scale (A1)	Reduced AS SH	HOWN	PA4014	С

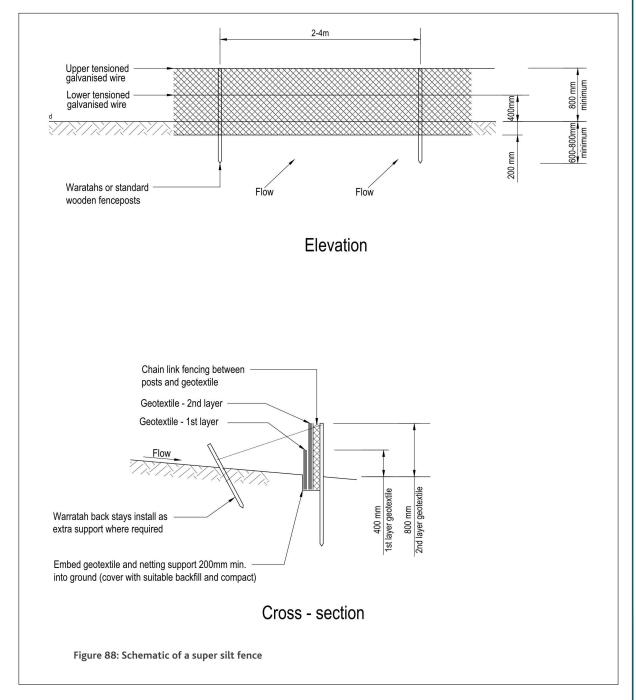


POST SPACING CAN BE INCREASED FROM 2000mm TO 4000mm IF SUPPORTED BY A 2.5mm DIAMETER HIGH TENSILE WIRE ALONG THE TOP WITH CLIPS EVERY 200mm









SUPER SILT FENCE NOT TO SCALE

FOR BOLISSUE

 2
 BOARD OF INQUIRY
 TD
 NN
 JC
 27.06.2017

 1
 ISSUED FOR CONFERENCING
 TD
 NN*
 JC*
 23.05.2017

 0
 ISSUED FOR CONSENT
 AR
 NN*
 PK*
 01.12.2016

 No.
 Issued Status
 Drawn
 Check'd
 App'd
 Date

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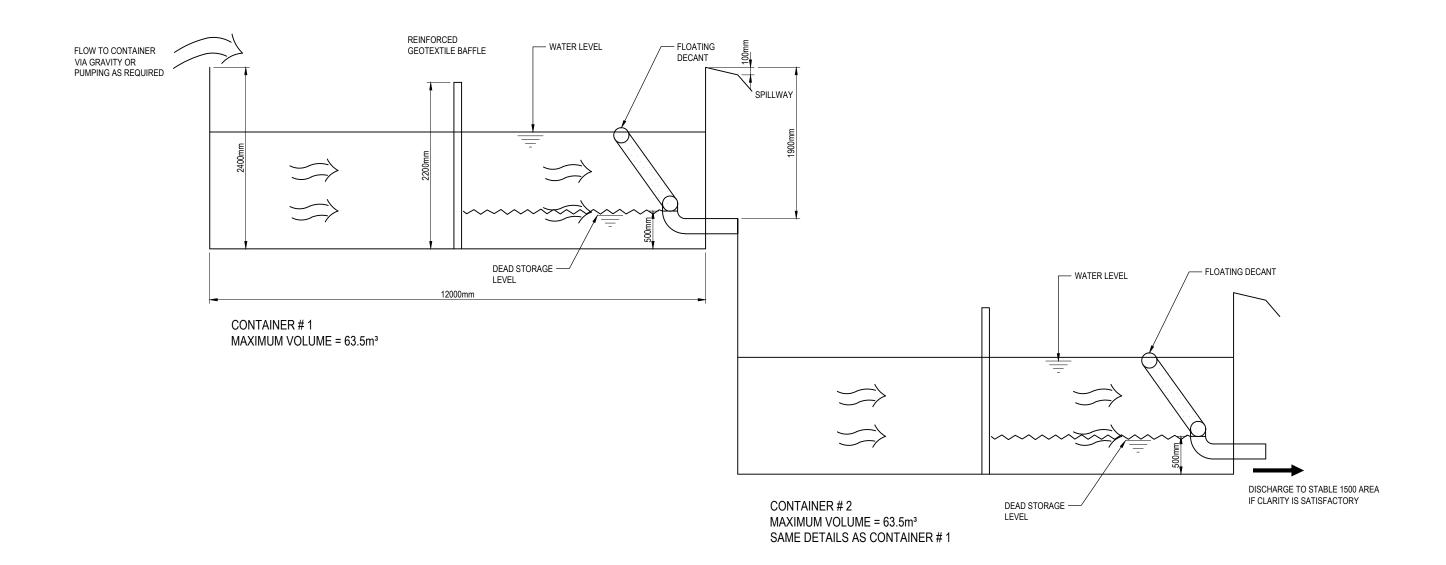
East West Link

Drawn A RAM	Drafting Check J MURA	AHIDY	Reviewed Design Manage	r	Approved Alliance Manager	
Designed T CAIN	Design Check J MURA	AHIDY	N NANCEKI	VELL	J CALDWELL	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SH	HOWN	Contra	PA4014	

		FUR BUI I	33UE
Drawing Title	EROSION SEDIMENT CONT	ROL	
	TYPICAL DETAIL		
	SHEET 04 OF 05		
Drawing Number	AEE-ES-304		Rev No.

<u>NOTES</u>

- DRAWINGS NOT TO SCALE. SCHEMATIC ONLY.
 BAFFLE DESIGNED FROM REINFORCED GEOTEXTILE TO ALLOW FLOWS TO
- STRUCTURAL INTEGRITY OF CONTAINERS WOULD REMAIN.
 CONTAINER # 1 WILL BE POSITIONED 1900mm HIGHER THAN CONTAINER # 2.
 IF CONTOURS DO NOT ALLOW THIS THEN CONTAINER # 1 WILL BE ARTIFICIALLY RAISED BY 1900mm.
- WATER CLARITY CAN BE CHECKED IN CONTAINER # 2 AND FLOCCULANT ADDED MANUALLY IF NECESSARY TO ACHIEVE WATER CLARITY.



CONTAINER IMPOUNDMENT SYSTEM

FOR BOLISSUE

2	BOARD OF INQUIRY	TD	NN	JC	27.06.2017
1	ISSUED FOR CONFERENCING	TD	NN*	JC*	23.05.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016
No.	Issued Status	Drawn	Check'd	App'd	Date

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Drawn A RAM Designed T CAIN	Drafting Check J MURAHIDY Design Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Scale: Original Scale (A1)	Reduced AS SF Scale (A3)	HOWN Contra	PA4014

		1 01 001	COOL
Drawing Title	EROSION SEDIMENT CON	NTROL	
	TYPICAL DETAIL		
	SHEET 05 OF 05		
Drawing Number	AEE-ES-305		Rev No.