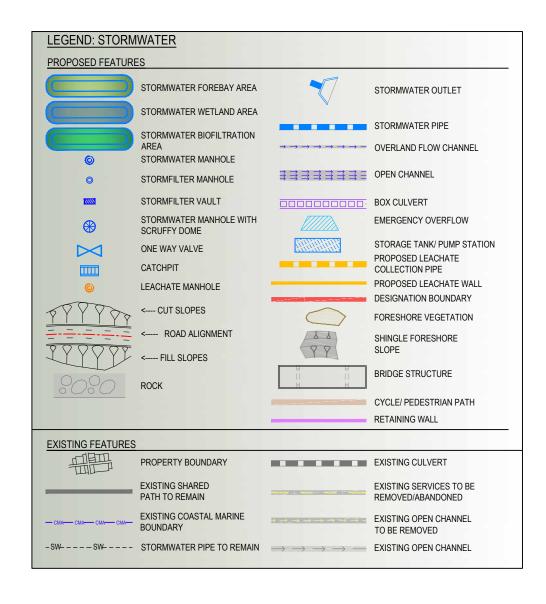
PLAN SET 9 STORMWATER

	EAST WEST LINK DRAWING REGISTER						
DWG NUMBER	DRAWING TITLE		DA	TE A	ND F	REVIS	SION
			23/05/2017	27/06/2017	3/07/2017	13/09/2017	22/09/2017
	PLAN SET 9 - STORMWATER						
AEE-SW-001	STORMWATER - EAST WEST LINK - DRAWING INDEX, NOTES AND LEGEND	4		3			4
AEE-SW-100	STORMWATER - EAST WEST LINK - OVERVIEW PLAN	4		3			4
AEE-SW-101	STORMWATER - SH20/NEILSON STREET INTERCHANGE - SHEET 1	3		2			3
AEE-SW-102	STORMWATER - NEILSON STREET INTERCHANGE - SHEET 2	3		2			3
AEE-SW-103	STORMWATER - GALWAY STREET - SHEET 3	3		2			3
AEE-SW-104	STORMWATER - EMBANKMENT - SHEET 4	3		2			3
AEE-SW-105	STORMWATER - EMBANKMENT - SHEET 5	3		2			3
AEE-SW-106	STORMWATER - EMBANKMENT/ANNS CREEK - SHEET 6	3		2			3
AEE-SW-107	STORMWATER - ANNS CREEK - SHEET 7	3		2			3
AEE-SW-108	STORMWATER - ANNS CREEK/SYLVIA PARK ROAD - SHEET 8	4		3			4
AEE-SW-109	STORMWATER - ANNS CREEK/SYLVIA PARK RAMPS - SHEET 9	4		3			4
AEE-SW-110	STORMWATER - SH1/SYLVIA PARK RAMPS - SHEET 10	4		3			4
AEE-SW-111	STORMWATER - SH1/PANAMA ROAD - SHEET 11	3		2			3
AEE-SW-112	STORMWATER - SH1/OTAHUHU CREEK - SHEET 12	2		2			2
AEE-SW-113	STORMWATER - PRINCES STREET INTERCHANGE - SHEET 13	3		2			3
AEE-SW-114	STORMWATER - NEILSON STREET INTERCHANGE - LOCAL ROADS - SHEET 14A AND 14B	3		2			3
AEE-SW-115	STORMWATER - CAPTAIN SPRINGS ROAD/ PORTS LINK - SHEET 15A AND 15B	3		2			3
AEE-SW-116	STORMWATER - EMBANKMENT - SHEET 16	2		2			2
AEE-SW-301	STORMWATER - TYPICAL WETLAND - PLAN AND SECTION	3		2			3
AEE-SW-311	STORMWATER - EMBANKMENT WETLAND - TYPICAL CROSS SECTION	3		2			3
AEE-SW-312	STORMWATER - FORESHORE TREATMENT AREA - TYPICAL SECTION	3		2			3



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

FOR BOI ISSUE

 4
 BOARD OF INQUIRY AMENDMENT
 RB
 NN*
 JC*
 22/09/2017

 3
 BOARD OF INQUIRY
 RB
 NN*
 JC*
 27/06/2017

 2
 EVIDENCE IN CHIEF
 RB
 NN*
 JC*
 07/04/2017

 1
 ISSUED FOR CONSENT - GSR GRADE SEPARATION
 AR
 NN*
 PK*
 14/12/2016

 No.
 Issued Status
 Drawn
 Checkd
 Appid
 Date

DISCLAIMER

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Areas and measurements are subject to survey.

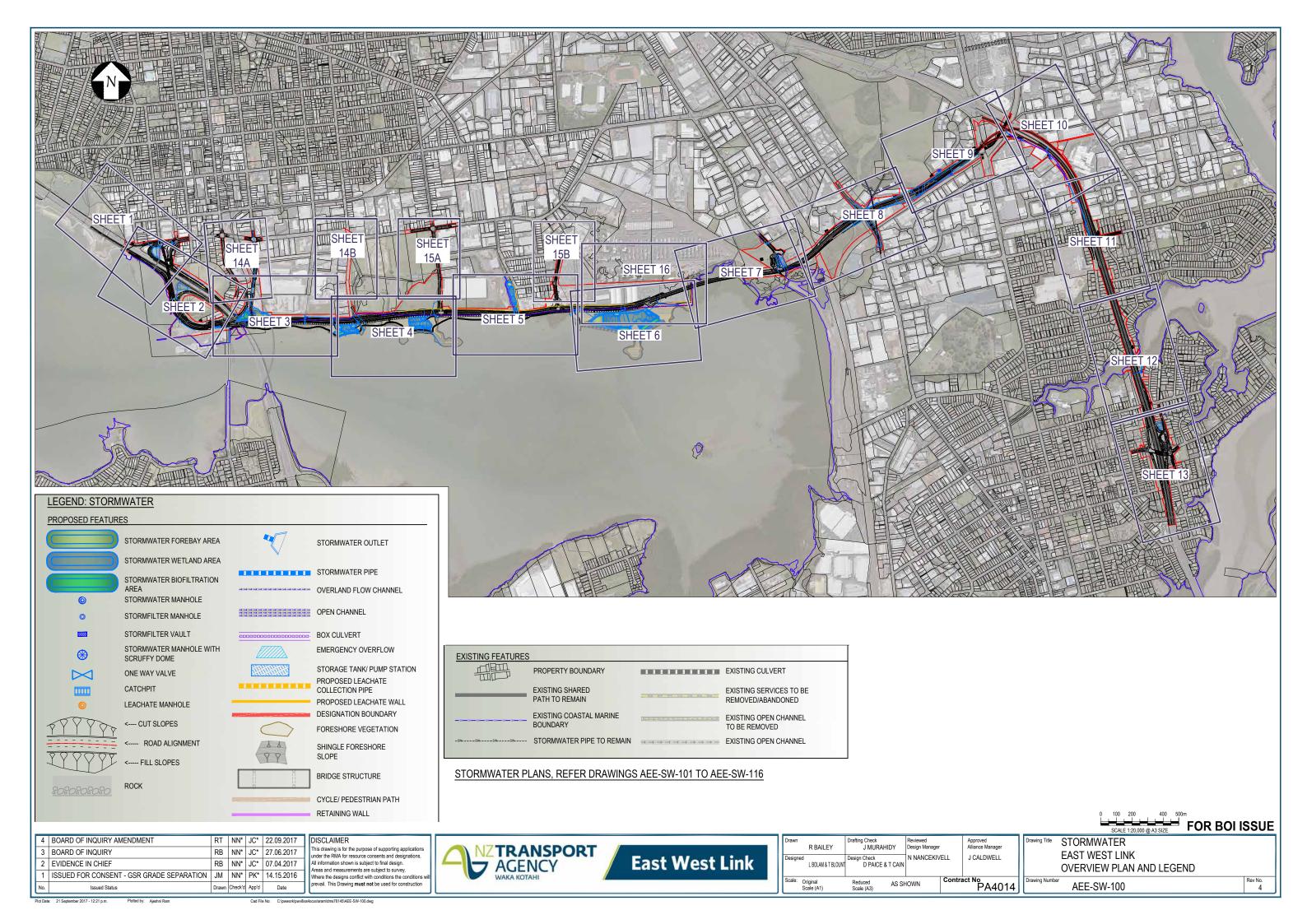
Where the designs conflict with conditions the conditions will prevail. This Drawing must not be used for construction

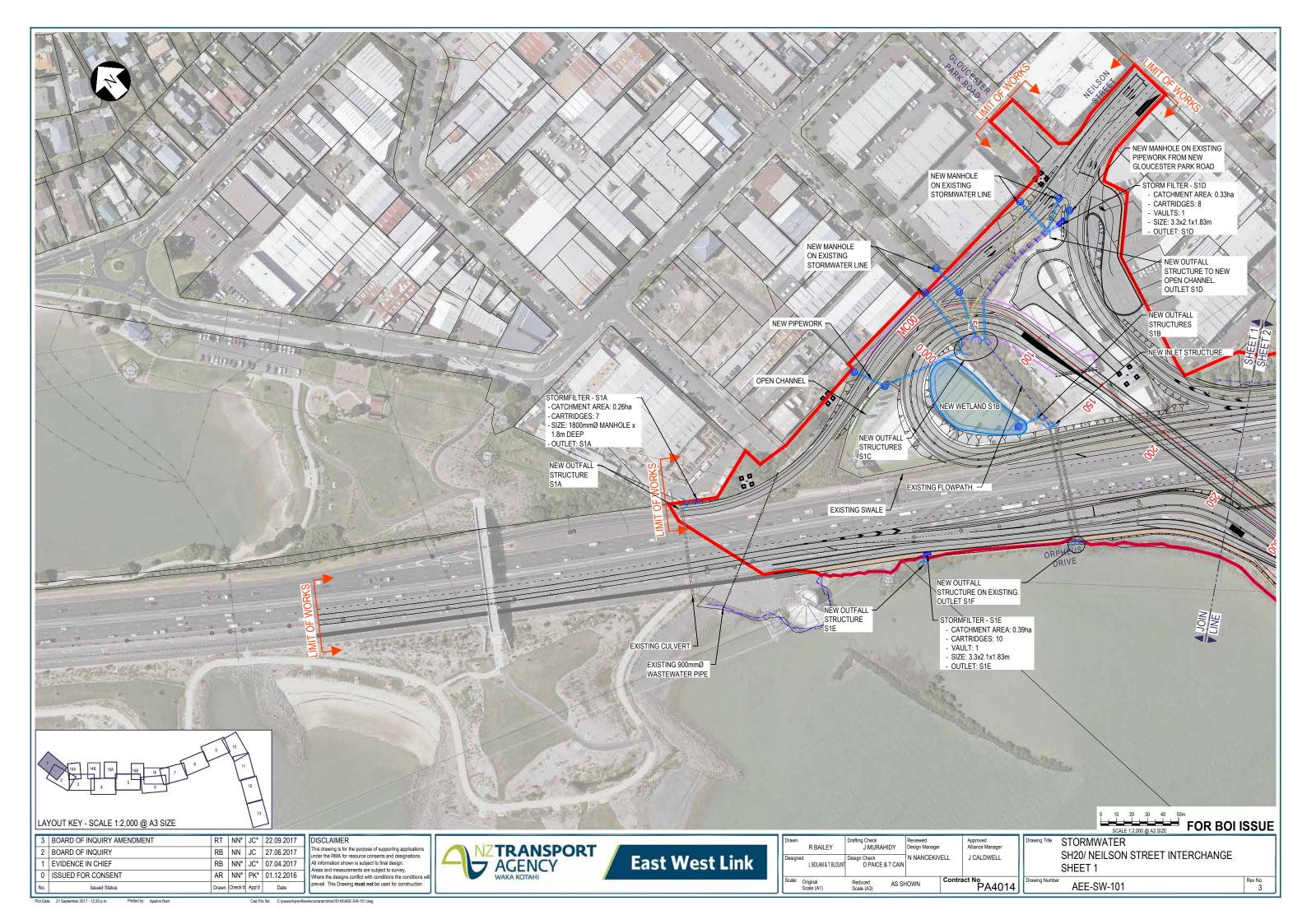


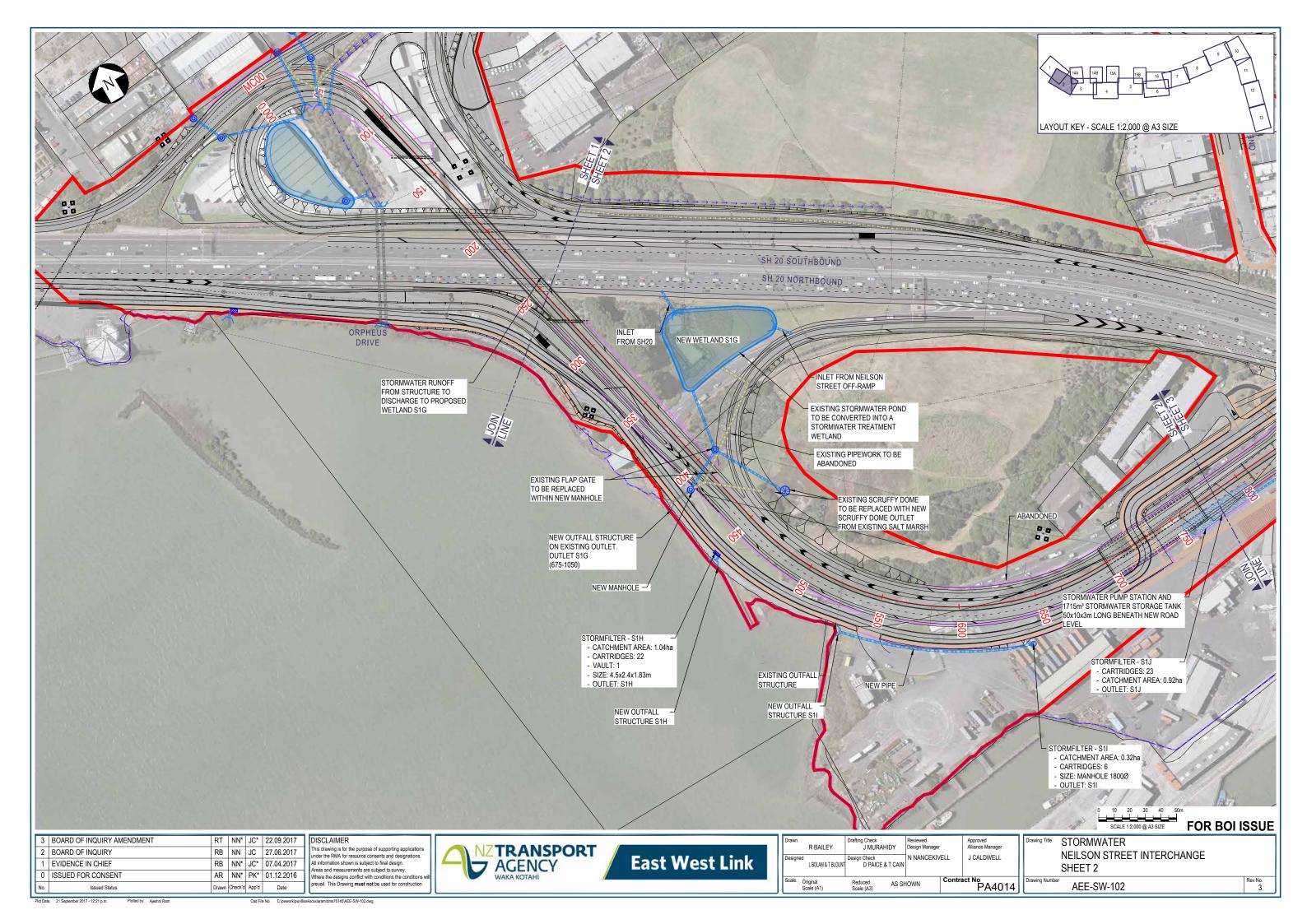


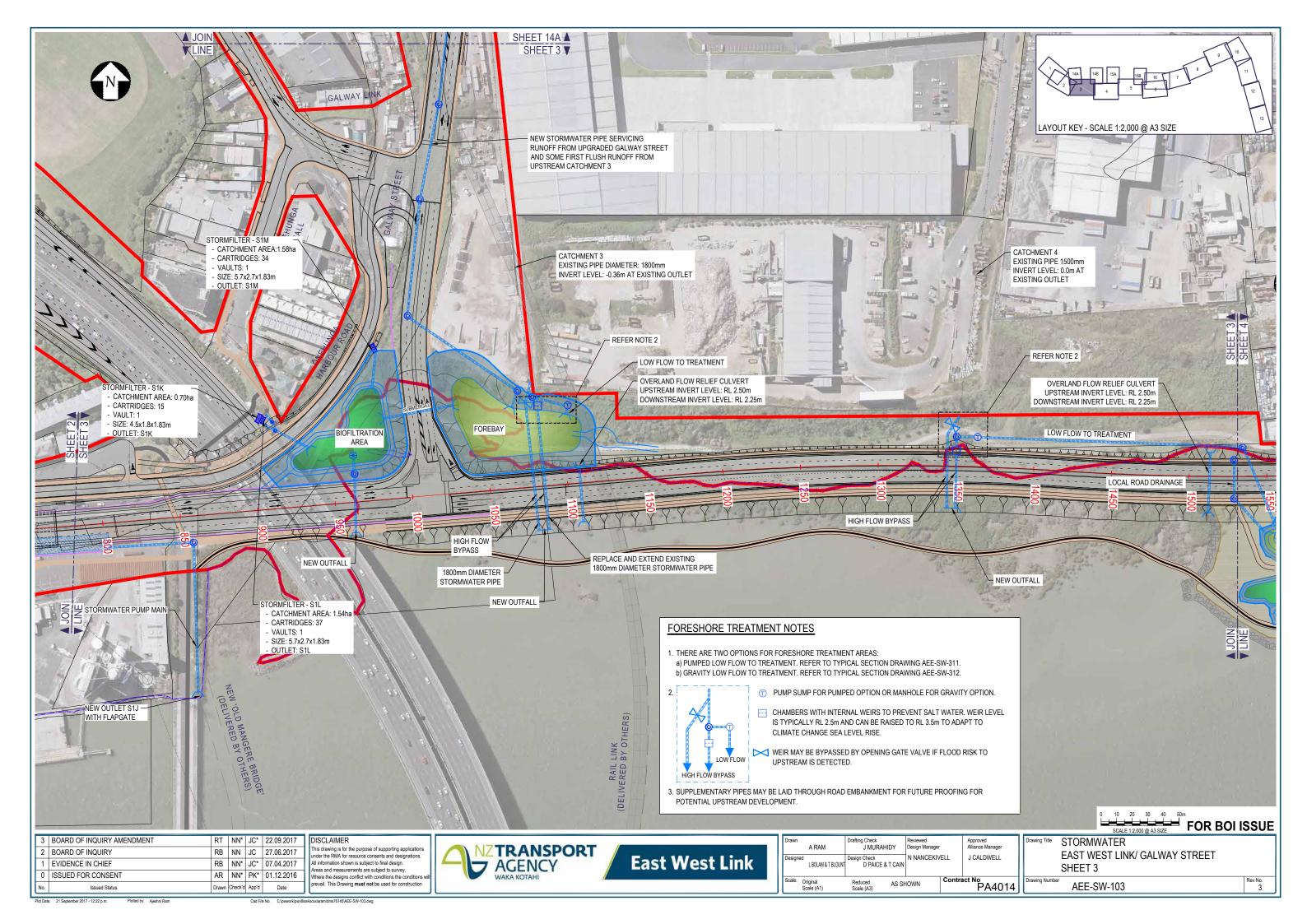
Drawn A RAM Designed LB & TB	Drafting Check J MURAHIDY Design Check DP & TC	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Scale: Original Scale (A1)	Reduced AS SI Scale (A3)	HOWN	PA4014

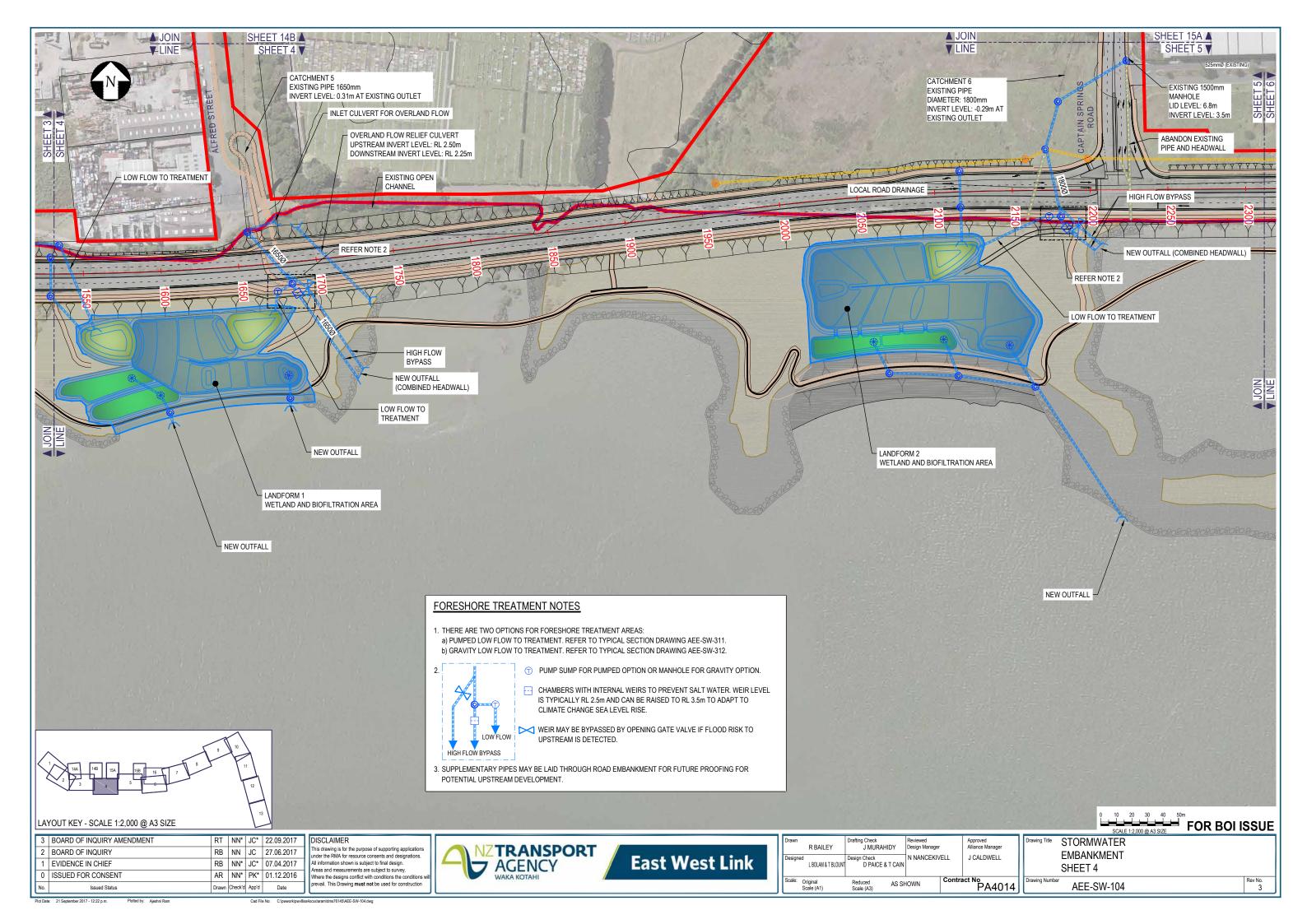
Drawing Title STORMWATER
EAST WEST LINK
DRAWING INDEX, NOTES AND LEGEND
Drawing Number AEE-SW-001

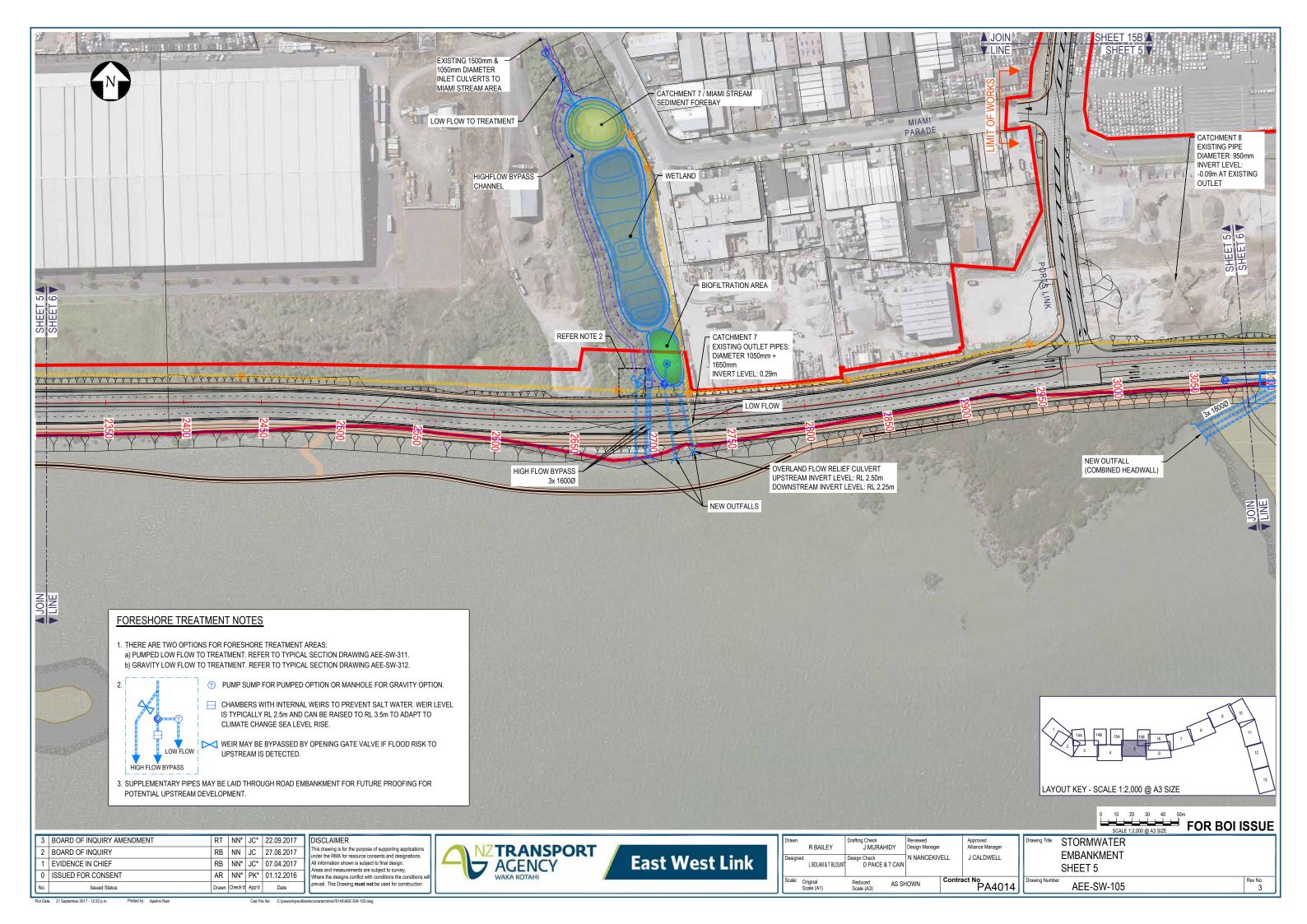


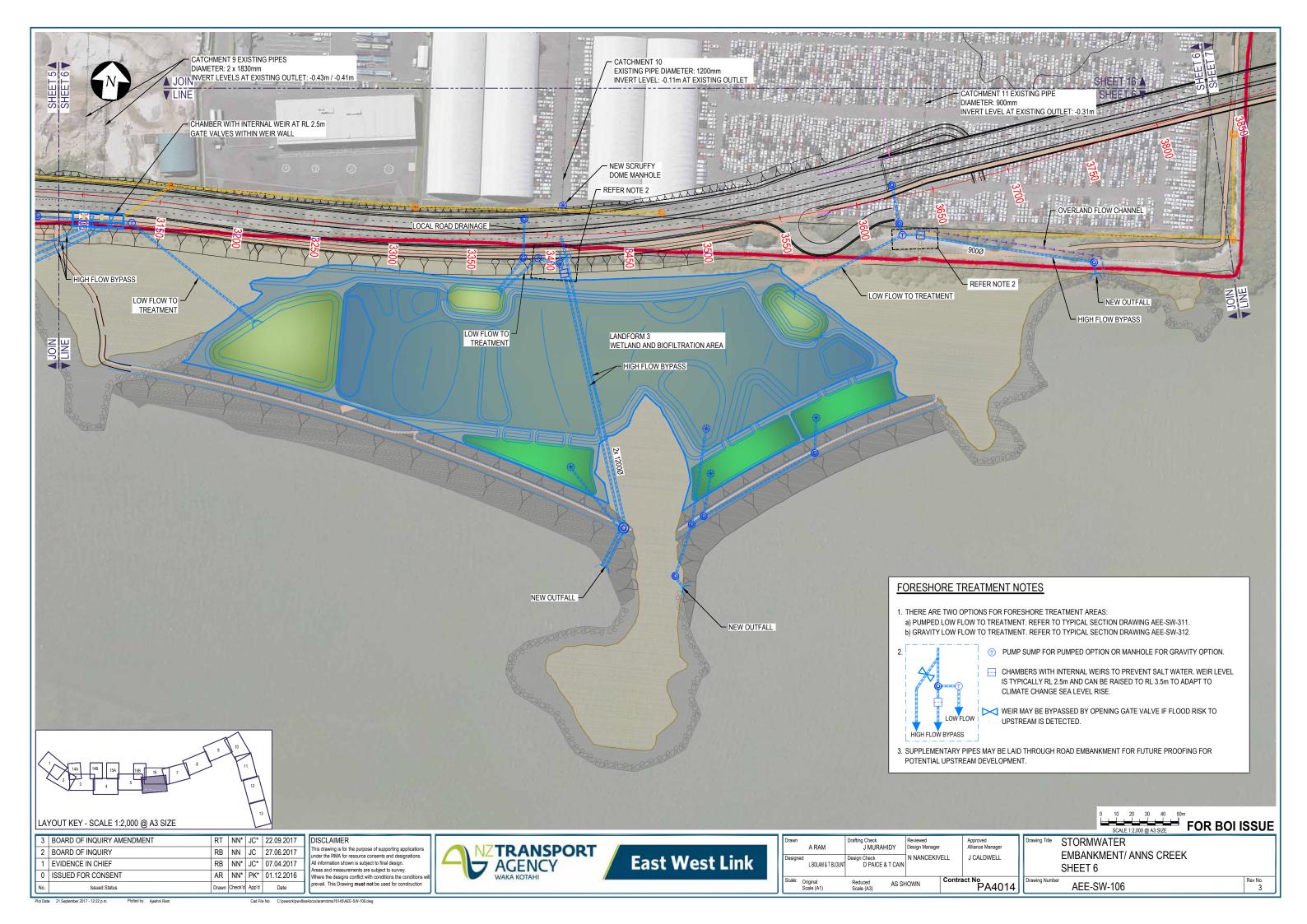


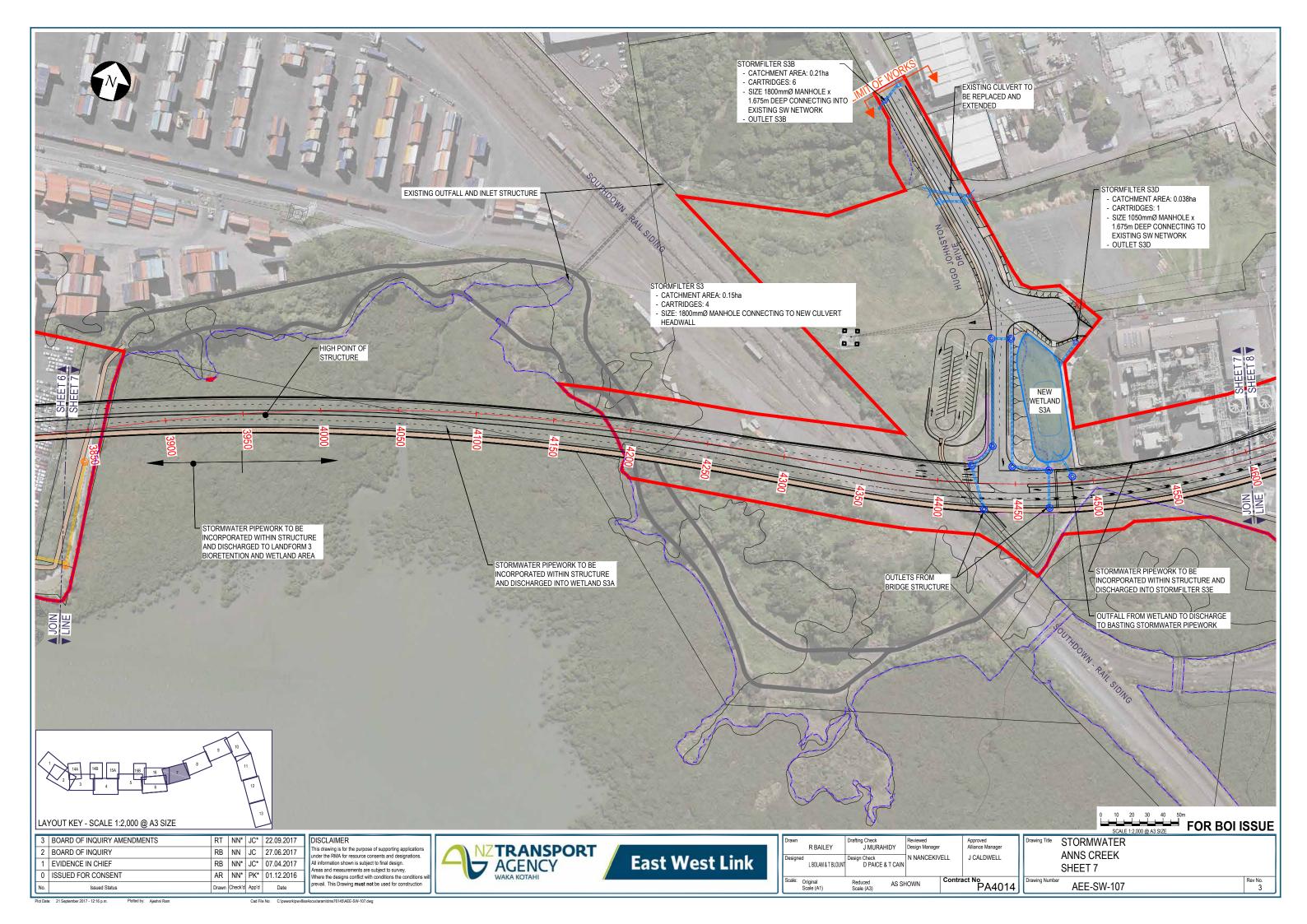


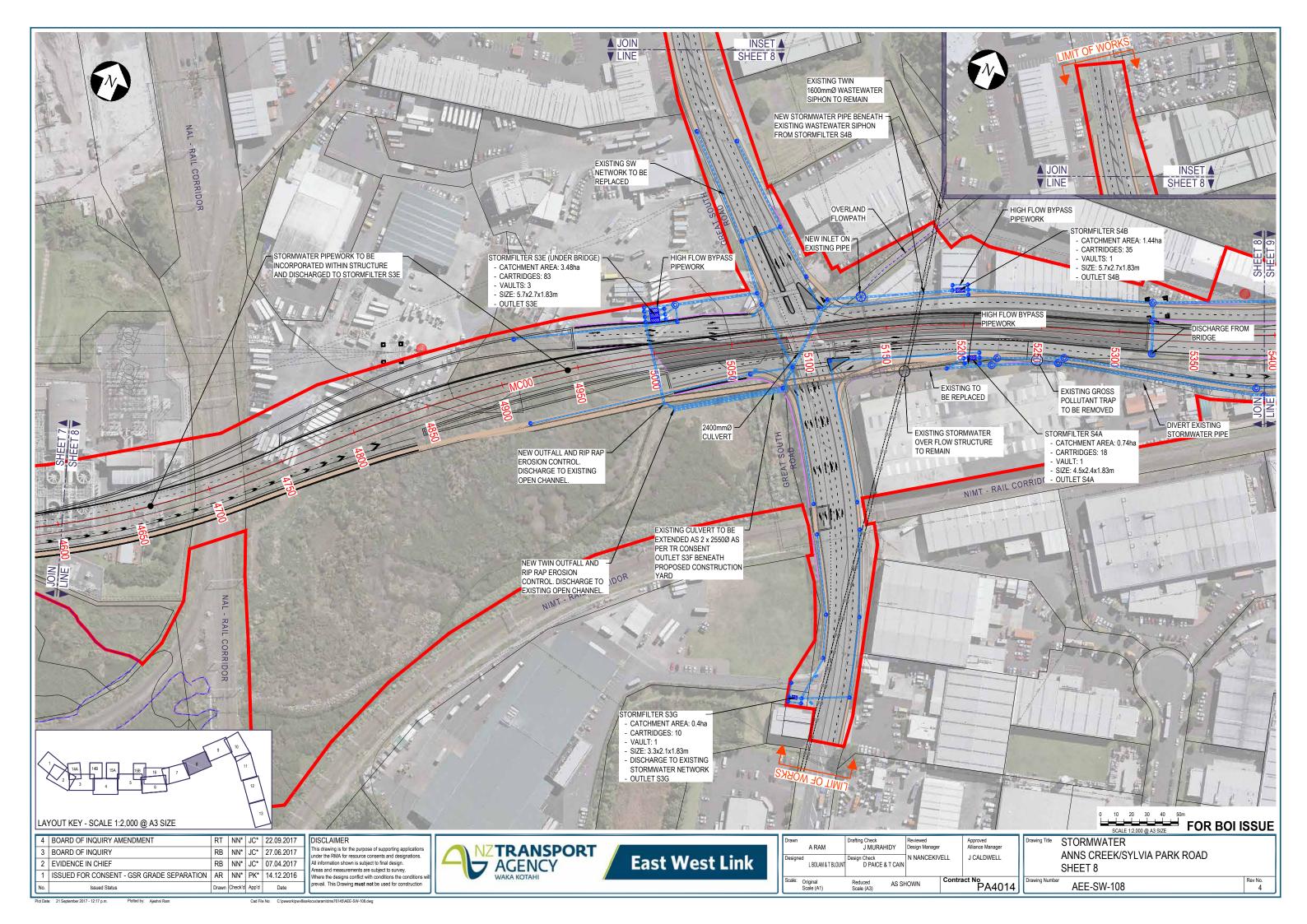


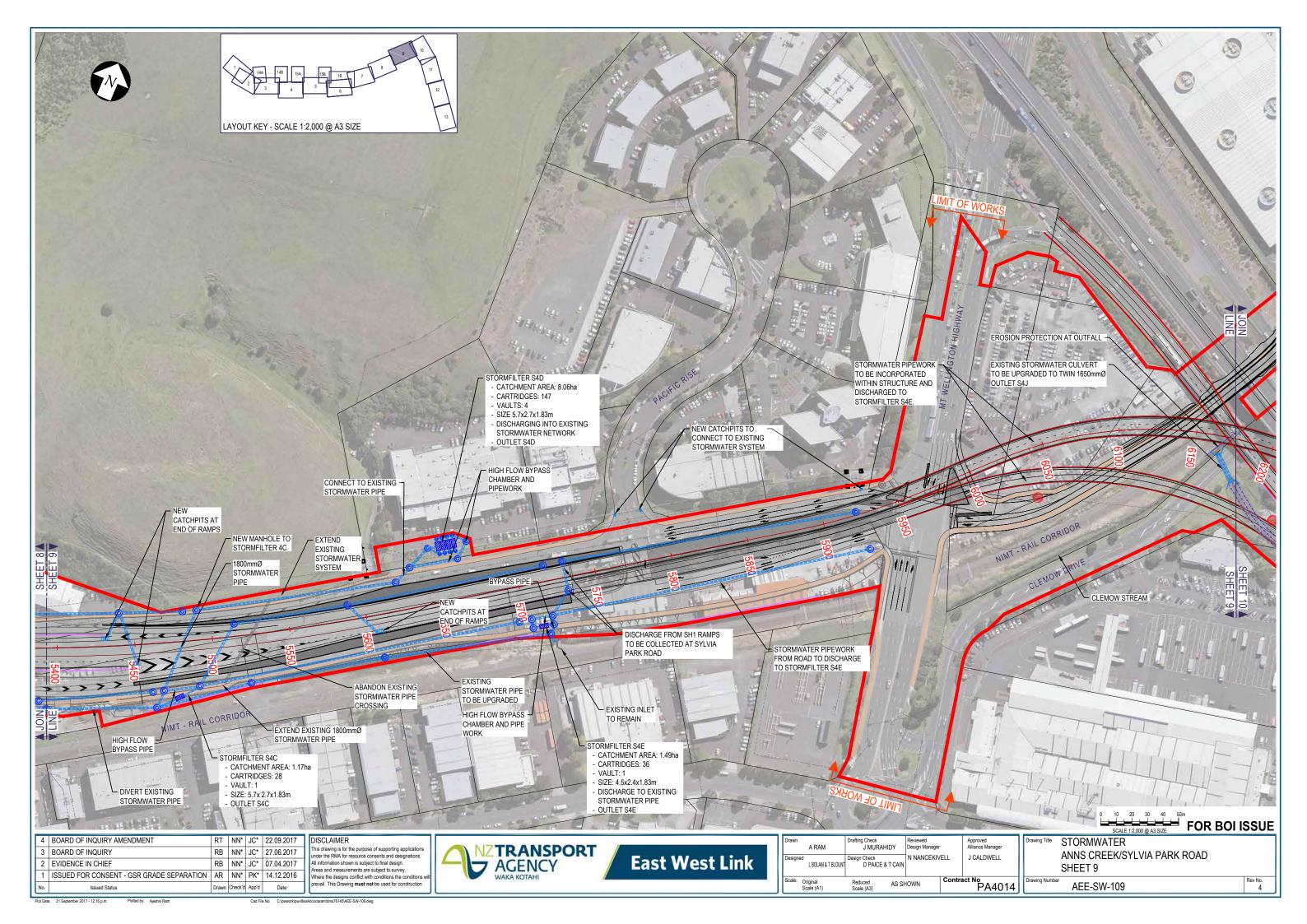


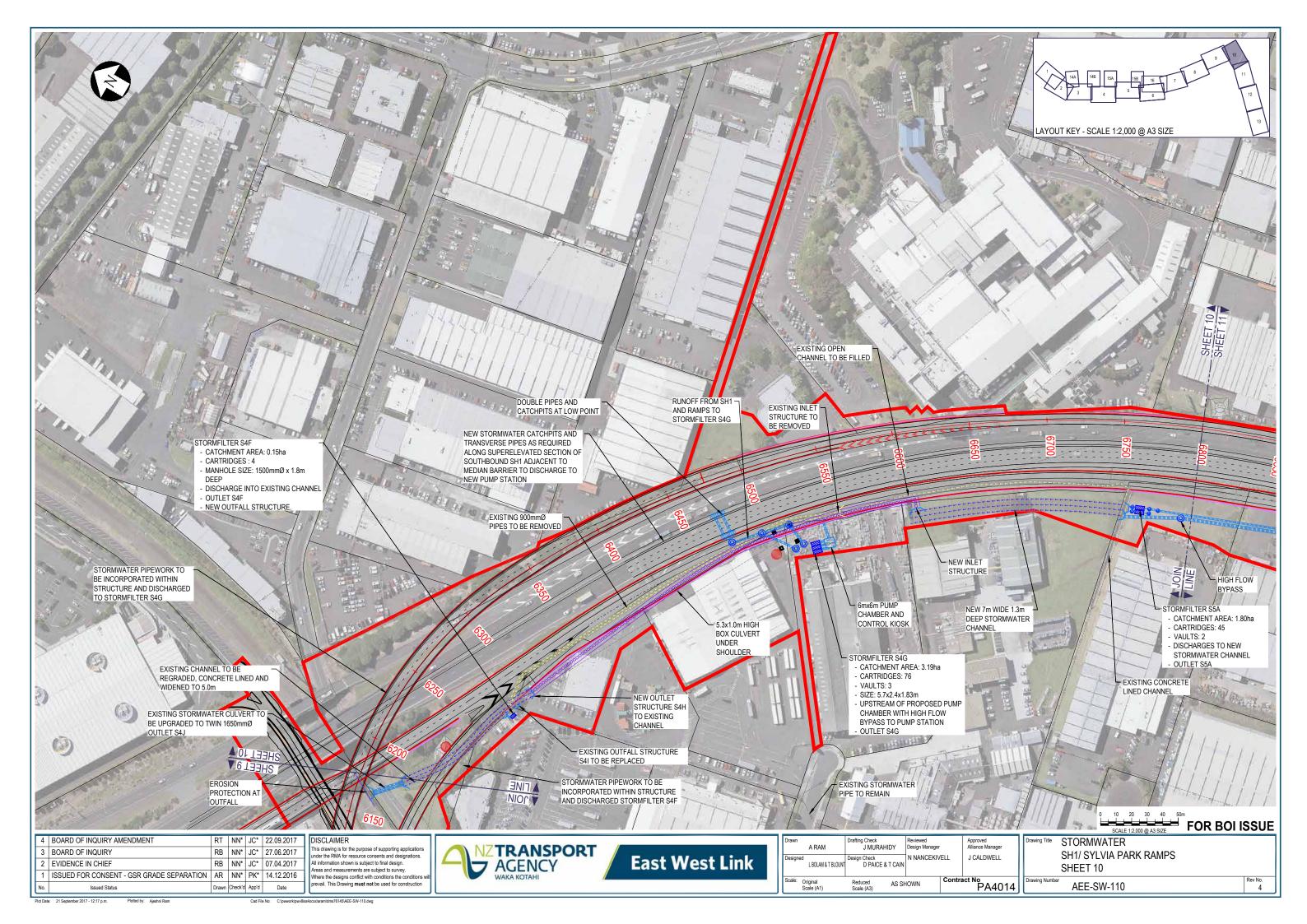


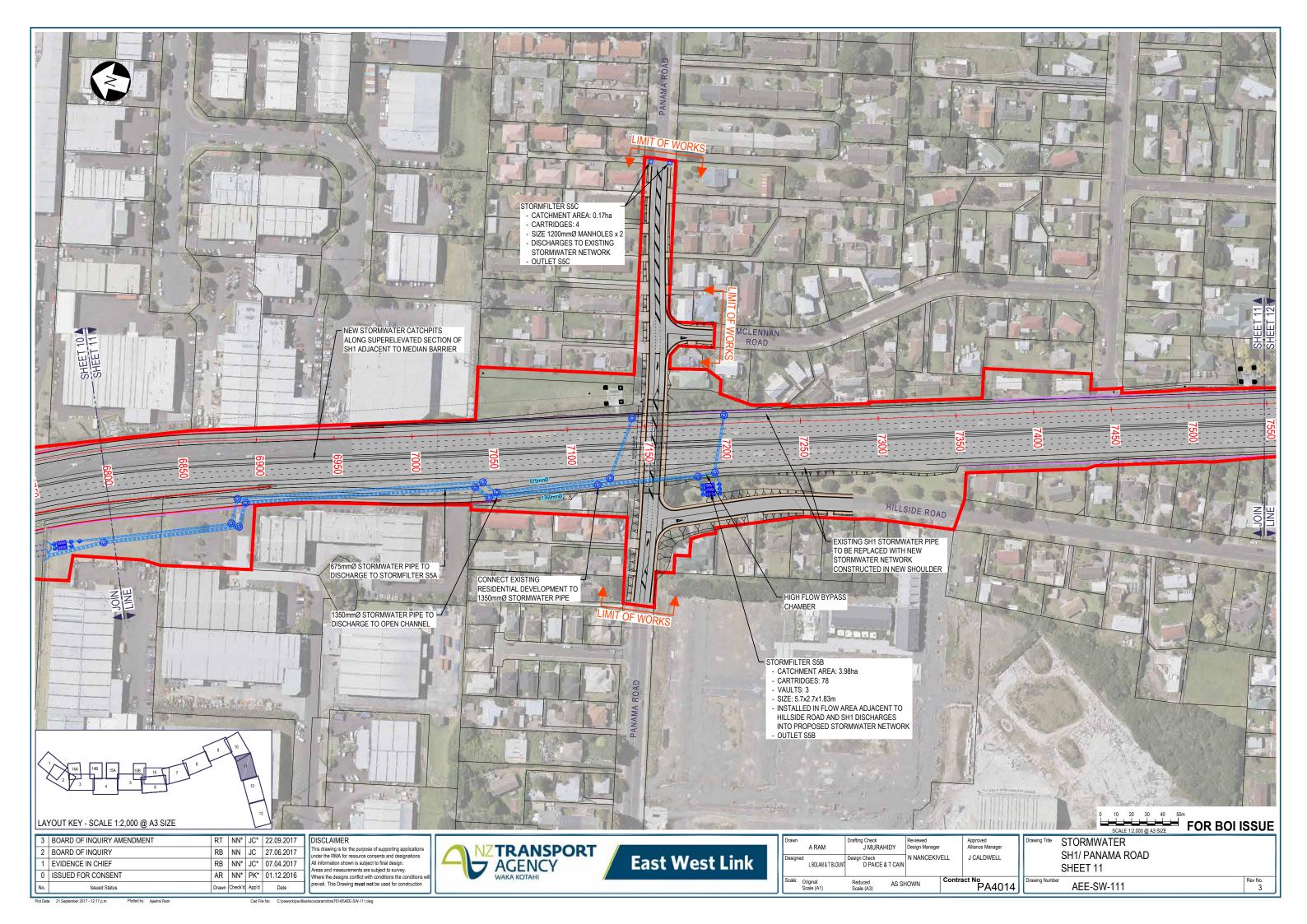


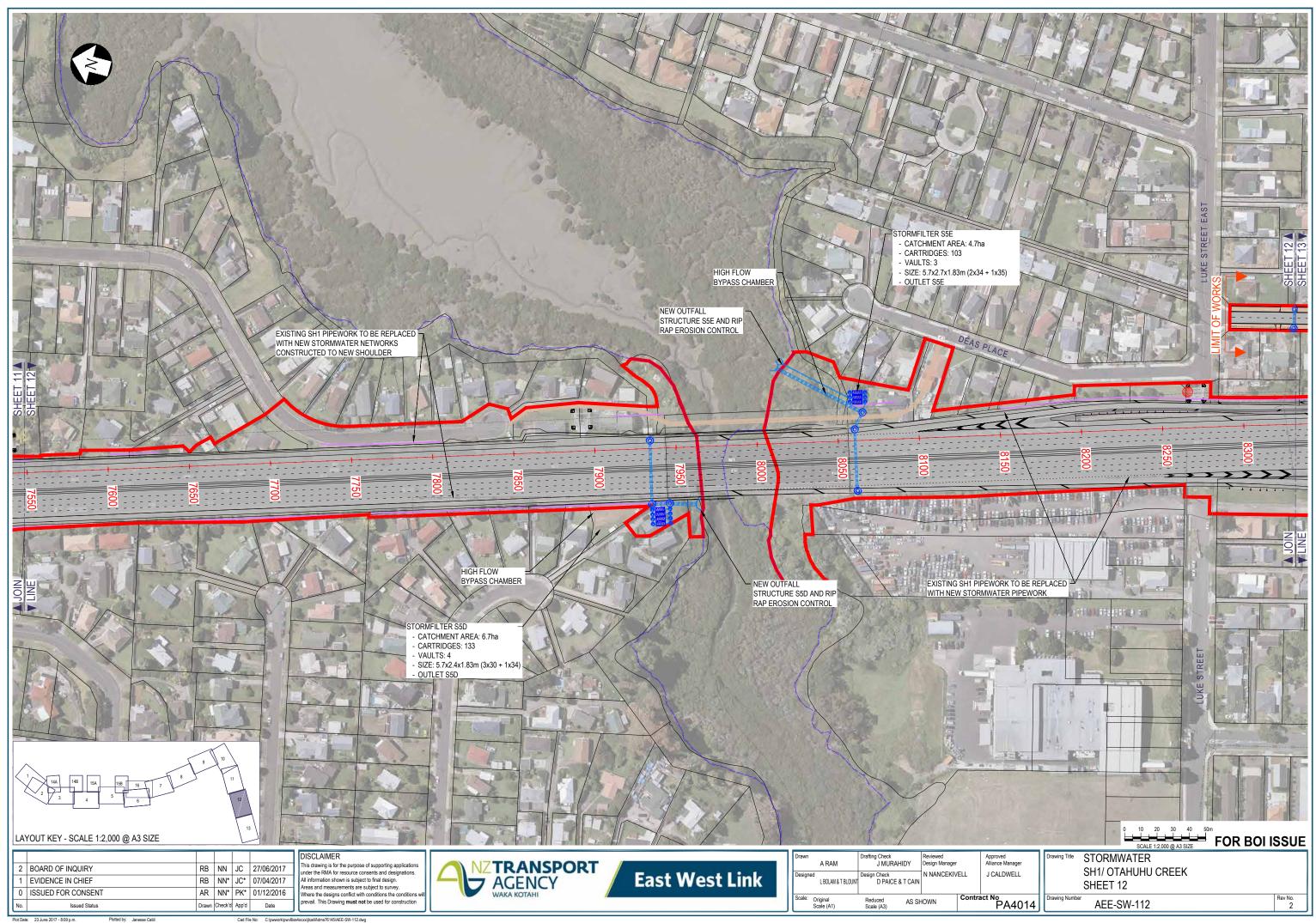


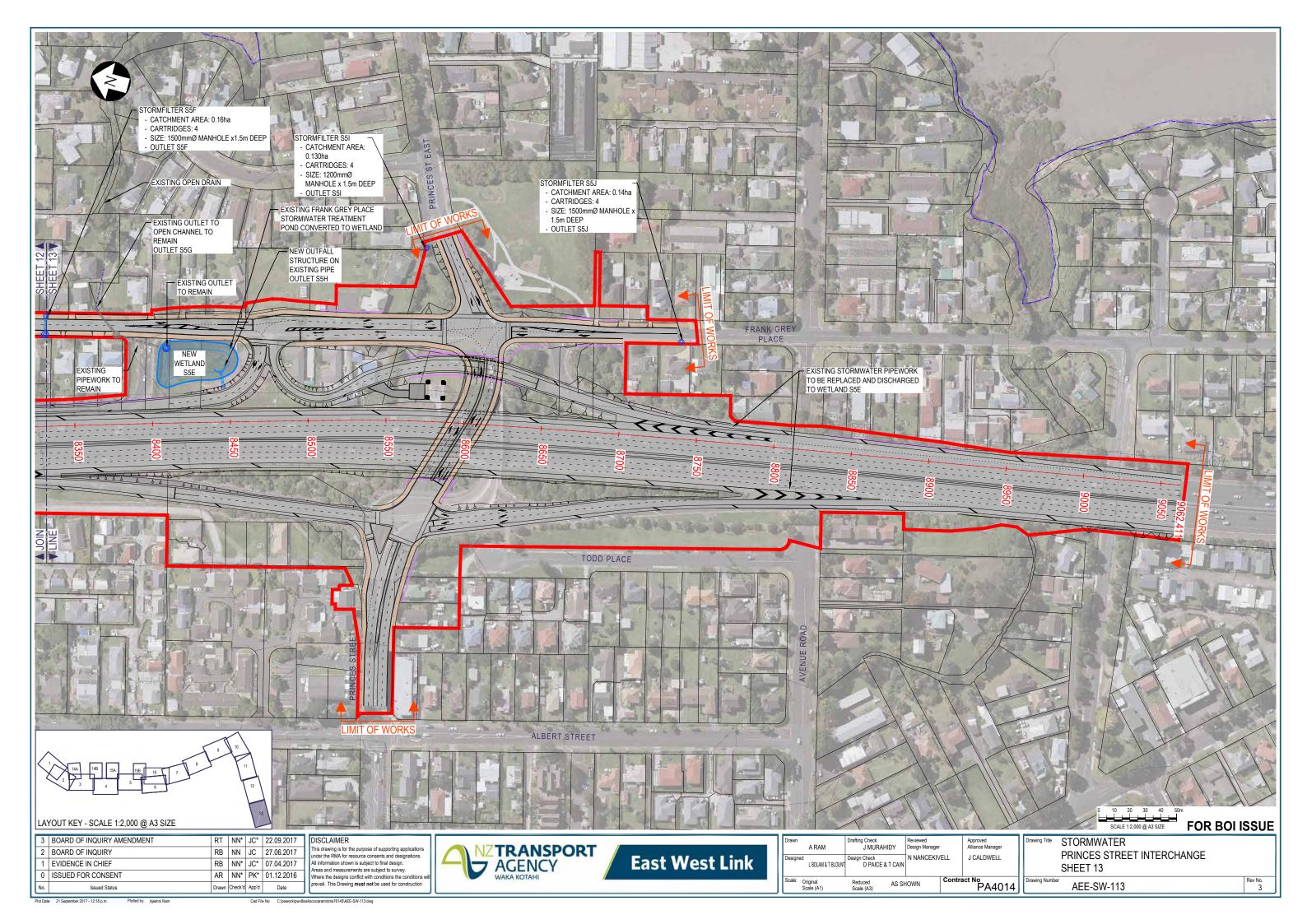


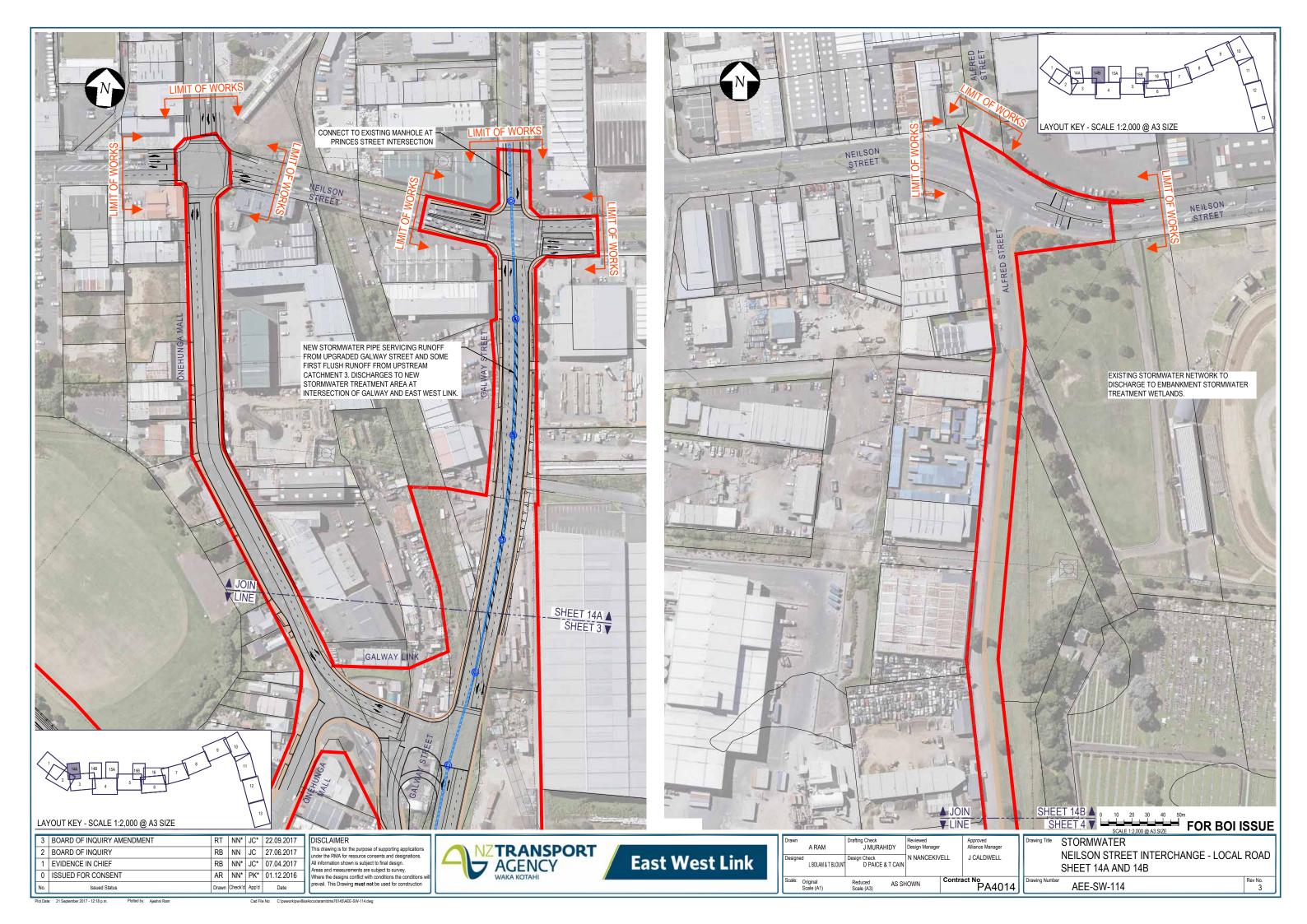


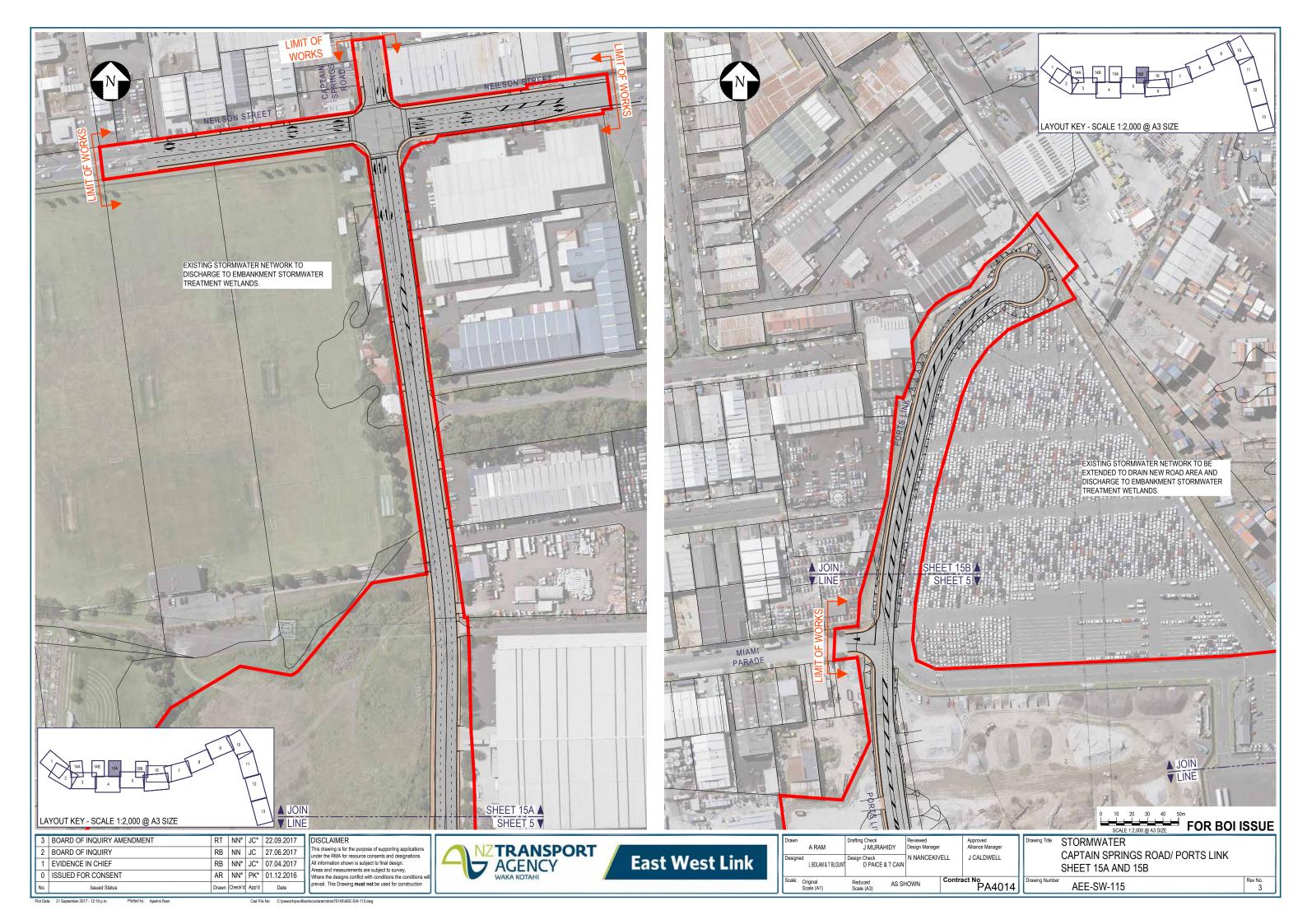




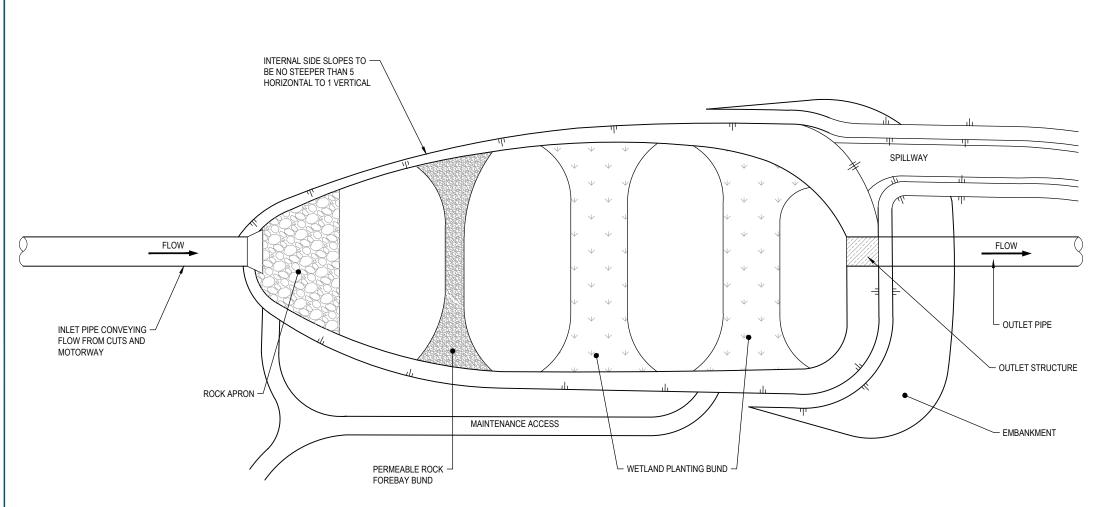




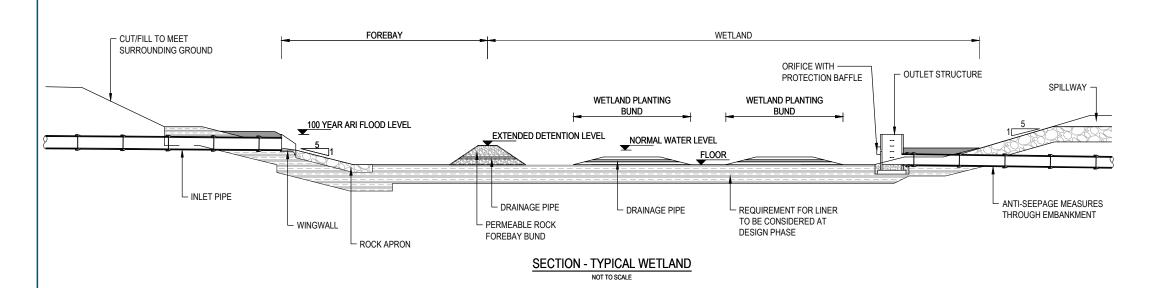












FOR BOI ISSUE

ı	3	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
ı	2	BOARD OF INQUIRY	RB	NN	JC	27.06.2017
ı	1	EVIDENCE IN CHIEF	RB	NN*	JC*	07.04.2017
I	0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016
ı	No.	Issued Status	Drawn	Check'd	App'd	Date

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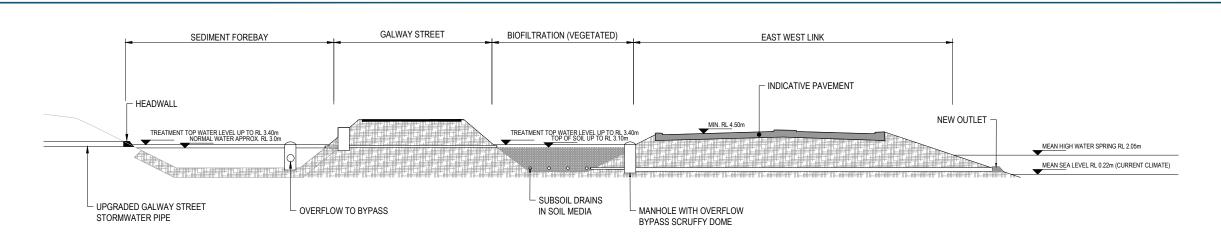
Where the designs conflict with conditions the conditions we prevail. This Drawing must not be used for construction



East West Link	
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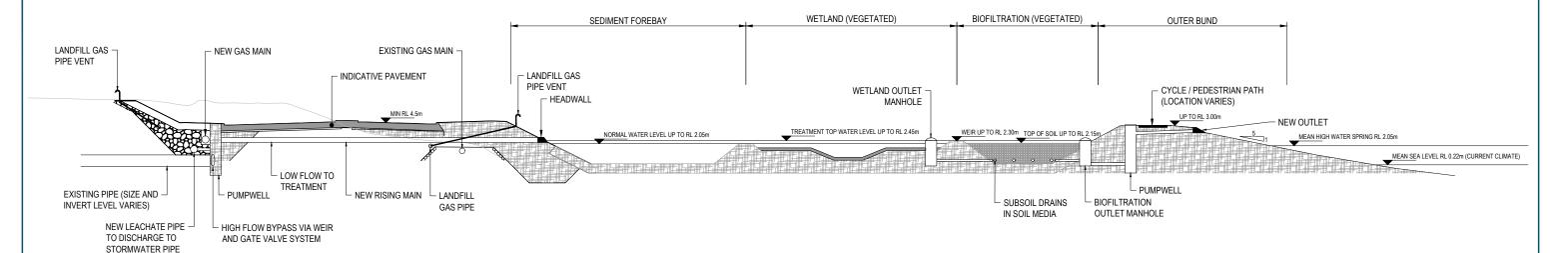
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SH	HOWN	Contra	PA4014	
Designe	L BOLAM & T BLOUNT	Design Check D PAICE	& T CAIN	N NANCEKIV	'ELL	J CALDWELL	
Drawn	A RAM	J MURA	AHIDY	Design Manager		Approved Alliance Manager	l

	1 011 5011	
Drawing Title	STORMWATER	
	WETLAND	
	PLAN AND TYPICAL CROSS SECTION	
Drawing Numbe	^ AFF-SW-301	Rev No.

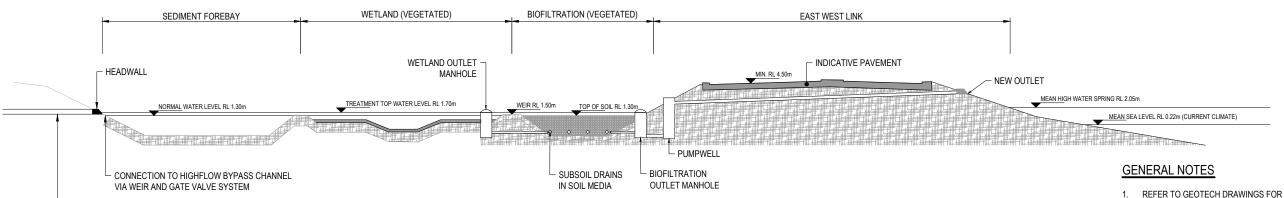


TYPICAL GALWAY STREET TRIANGLES TREATMENT AREA SECTION GRAVITY TO TREATMENT AREA

NOT TO SCALE



TYPICAL LANDFORM 1,2,3 TREATMENT AREA SECTION PUMP TO TREATMENT AREA & PUMP TO OUTFALL NOT TO SCALE



TYPICAL MIAMI STREAM TREATMENT AREA SECTION GRAVITY TO TREATMENT AREA & PUMP TO OUTFALL NOT TO SCALE

- REFER TO GEOTECH DRAWINGS FOR MATERIAL TYPES.
- LEACHATE QUALITY TO BE MONITORED SO THAT LEACHATE MAY BE DIVERTED TO TRADE WASTE SUBJECT TO CONTAMINATION LEVELS.
- OUTER BUND CAN BE RAISED BY UP TO 1m TO ADAPT TO SEA LEVEL RISE.
- ALL LEVELS AND DIMENSIONS ARE CONCEPT ONLY AND SUBJECT TO CHANGE.
- FOR GALWAY STREET, ALTERNATIVES MAY INCLUDE PUMPING FROM EXISTING STORMWATER PIPE TO FOREBAY AND/OR PUMPING FROM FOREBAY TO BIOFILTRATION.

FOR BOI ISSUE

ı	3	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017	Ш
ı	2	BOARD OF INQUIRY	RB	NN	JC	27.06.2017	Ш
ı	1	EVIDENCE IN CHIEF	RB	NN*	JC*	07.04.2017	
ı	0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016	
ı	No.	Issued Status	Drawn	Check'd	App'd	Date	П

- EXISTING STORMWATER PIPE

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East West Link

Drawn	A RAM		Reviewed Design Manager		Approved Alliance Manager
Designed	L BOLAM & T BLOUNT	Design Check D PAICE & T CAIN	N NANCEKIV	ELL	J CALDWELL
	Original Scale (A1)	Reduced Scale (A3)		Contra	PA4014

Drawing Title STORMWATER EMBANKMENT WETLAND TYPICAL CROSS SECTION - SHEET 1 AEE-SW-311

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3	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
2	BOARD OF INQUIRY	RB	NN	JC	27/06/2017
1	EVIDENCE IN CHIEF	RB	NN*	JC*	07/04/2017
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	Drafting Check J MURAHIDY	Reviewed Design Manager		Approved Alliance Manager
Designed	L BOLAM & T BLOUNT	Design Check D PAICE & T CAIN	N NANCEKIV	ELL.	J CALDWELL
Scale: Original		Reduced AS S	HOWN	Contra	PΔ4∩14

		FOR BOI IS	SSUE
Drawing Title	STORMWATER EAST WEST LINK		
Drawing Number	AEE-SW-312		Rev No.

Plot Date: 21 September 2017 - 12:23 p.m. Plotted by: Ajeshni Ram Cad File No: C:/pwwork/pw/8iss4ocxx/arami/dms/76145/AEE-SW-31