

PLAN SET 12 UTILITIES RELOCATION

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

LEGEND: UTILITIES RELOCATION

EXISTING SERVICES		PROPOSED SERVICES	
COMMUNICATION LINE			NEW SERVICES/DIVERSIONS
-CH- - - - -	CHORUS		EXISTING SERVICES TO BE REMOVED/ABANDONED
-VF- - - - -	VODAFONE		EXISTING SERVICES TO BE PROTECTED/MODIFIED
-FX- - - - -	FX NETWORK		
-VC- - - - -	VECTOR COMMUNICATION		
ELECTRICITY CABLE			
-TPE- - - - -	TRANSPOWER OVERHEAD CABLES		
-VE- - - - -	VECTOR ELECTRICITY		
GAS MAIN			
-FG- - - - -	TRANSMISSION (FIRST GAS)		
-VG- - - - -	DISTRIBUTION (VECTOR)		
AUCKLAND COUNCIL			
-SW- - - - -	STORMWATER PIPE		
WATERCARE			
-W- - - - -	WATER PIPE		
-SS- - - - -	WASTEWATER PIPE		
-WH1- - - - -	HUNUA 1 BULK WATERMAIN		
-WH3- - - - -	HUNUA 3 BULK WATERMAIN		
-WH4- - - - -	HUNUA 4 BULK WATERMAIN		
PROPOSED FEATURES		EXISTING FEATURES	
	CUT SLOPES		PROPERTY BOUNDARY
	ROAD ALIGNMENT		EXISTING COASTAL MARINE BOUNDARY
	FILL SLOPES		STORMWATER FOREBAY/ WETLAND AND BIOFILTRATION AREA
	TOE OF OUTER BUND		CYCLE / SHARED FOOTPATH
	FORESHORE VEGETATION		BOARDWALK
	SHINGLE FORESHORE SLOPE		GRAVEL PATH
			RETAINING WALL
			BRIDGE STRUCTURE
			DESIGNATION BOUNDARY
			EXISTING SHARED PATH TO REMAIN

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

NOTE:
ALL UTILITY RELOCATIONS
SUBJECT TO DETAILED
DESIGN AND CONFIRMATION
FROM UTILITY OWNER.

FOR BOI ISSUE

3	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
2	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	AR	NN*	PK*	14.12.2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016
No.	Issued Status	Drawn	Check'd	App'd	Date

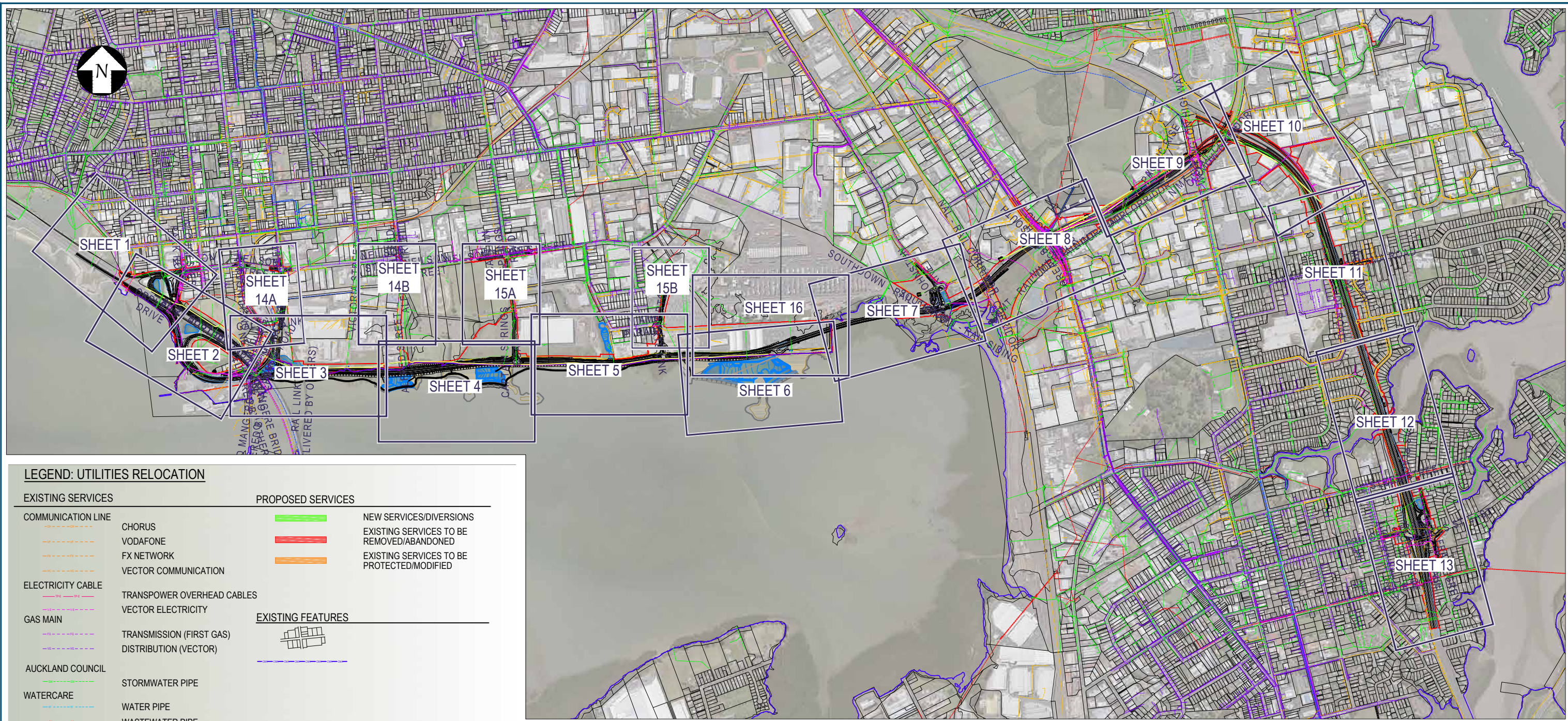
DISCLAIMER
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East West Link

Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	N NANCEKIVELL	Approved	J CALDWELL
Designed	UTIL. OWNER	Design Check	J MURAHIDY				
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

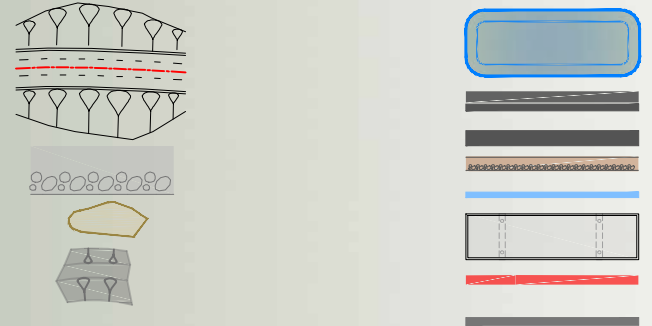
Drawing Title	UTILITIES RELOCATION EAST WEST LINK DRAWING INDEX, NOTES AND LEGEND		
Drawing Number	AEE-U-001	Rev No.	3



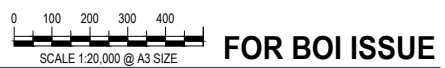
LEGEND: UTILITIES RELOCATION

EXISTING SERVICES		PROPOSED SERVICES	
COMMUNICATION LINE		NEW SERVICES/DIVERSIONS	
CHORUS	--- (dashed orange)	EXISTING SERVICES TO BE REMOVED/ABANDONED	--- (dashed red)
VODAFONE	--- (dashed orange)	EXISTING SERVICES TO BE PROTECTED/MODIFIED	--- (dashed orange)
FX NETWORK	--- (dashed orange)		
VECTOR COMMUNICATION	--- (dashed orange)		
ELECTRICITY CABLE		EXISTING FEATURES	
TRANSPower OVERHEAD CABLES	--- (dashed pink)	TRANSMISSION (FIRST GAS)	--- (dashed blue)
VECTOR ELECTRICITY	--- (dashed pink)	DISTRIBUTION (VECTOR)	--- (dashed blue)
GAS MAIN			
TRANSMISSION (FIRST GAS)	--- (dashed purple)		
DISTRIBUTION (VECTOR)	--- (dashed purple)		
AUCKLAND COUNCIL			
STORMWATER PIPE	--- (dashed cyan)		
WATERCARE			
WATER PIPE	--- (dashed light blue)		
WASTEWATER PIPE	--- (dashed dark blue)		
HUNUA 1 BULK WATERMAIN	--- (dashed light blue)		
HUNUA 3 BULK WATERMAIN	--- (dashed light blue)		
HUNUA 4 BULK WATERMAIN	--- (dashed light blue)		

PROPOSED FEATURES



NOTE:
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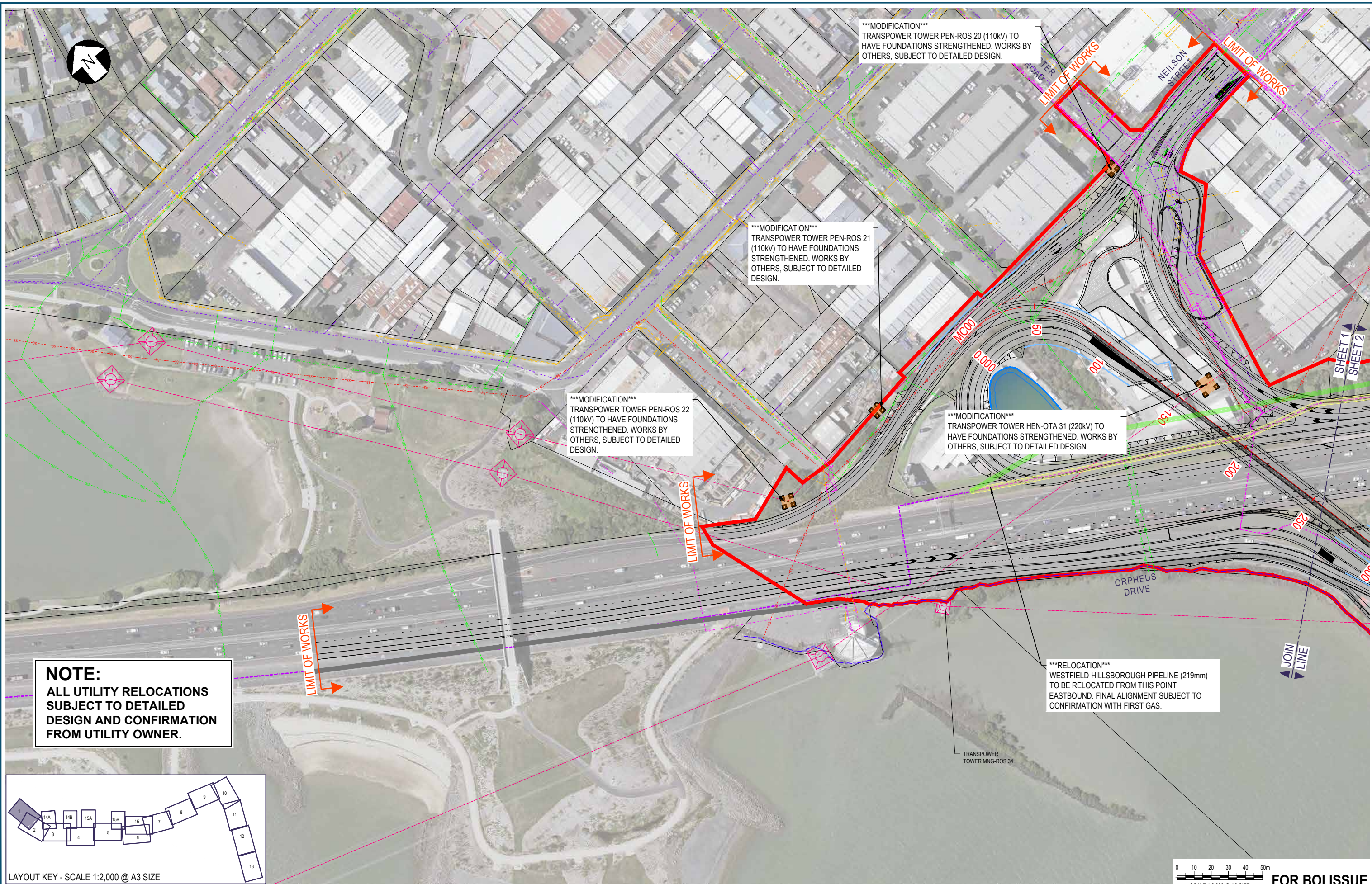
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3	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
2	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	AR	NN*	PK*	14.12.2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	N NANCEKIVELL	Approved	J CALDWELL
Designed	UTIL. OWNER	Design Check	J MURAHIDY				
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No		PA4014	

Drawing Title	UTILITIES RELOCATION EAST WEST LINK OVERVIEW PLAN		
Drawing Number	AEE-U-100		
Rev No.	3		



MODIFICATION
 TRANSPOWER TOWER PEN-ROS 20 (110kV) TO HAVE FOUNDATIONS STRENGTHENED. WORKS BY OTHERS. SUBJECT TO DETAILED DESIGN.

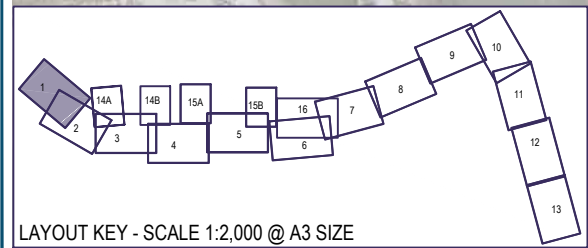
MODIFICATION
 TRANSPOWER TOWER PEN-ROS 21 (110kV) TO HAVE FOUNDATIONS STRENGTHENED. WORKS BY OTHERS. SUBJECT TO DETAILED DESIGN.

MODIFICATION
 TRANSPOWER TOWER PEN-ROS 22 (110kV) TO HAVE FOUNDATIONS STRENGTHENED. WORKS BY OTHERS. SUBJECT TO DETAILED DESIGN.

MODIFICATION
 TRANSPOWER TOWER HEN-OTA 31 (220kV) TO HAVE FOUNDATIONS STRENGTHENED. WORKS BY OTHERS. SUBJECT TO DETAILED DESIGN.

RELOCATION
 WESTFIELD-HILLSBOROUGH PIPELINE (219mm) TO BE RELOCATED FROM THIS POINT EASTBOUND. FINAL ALIGNMENT SUBJECT TO CONFIRMATION WITH FIRST GAS.

NOTE:
 ALL UTILITY RELOCATIONS SUBJECT TO DETAILED DESIGN AND CONFIRMATION FROM UTILITY OWNER.



LAYOUT KEY - SCALE 1:2,000 @ A3 SIZE

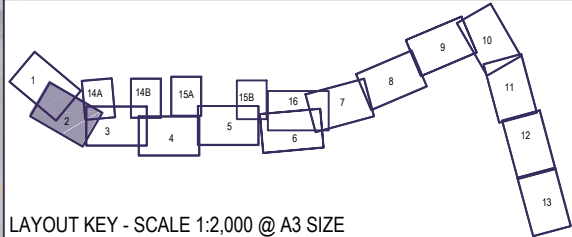
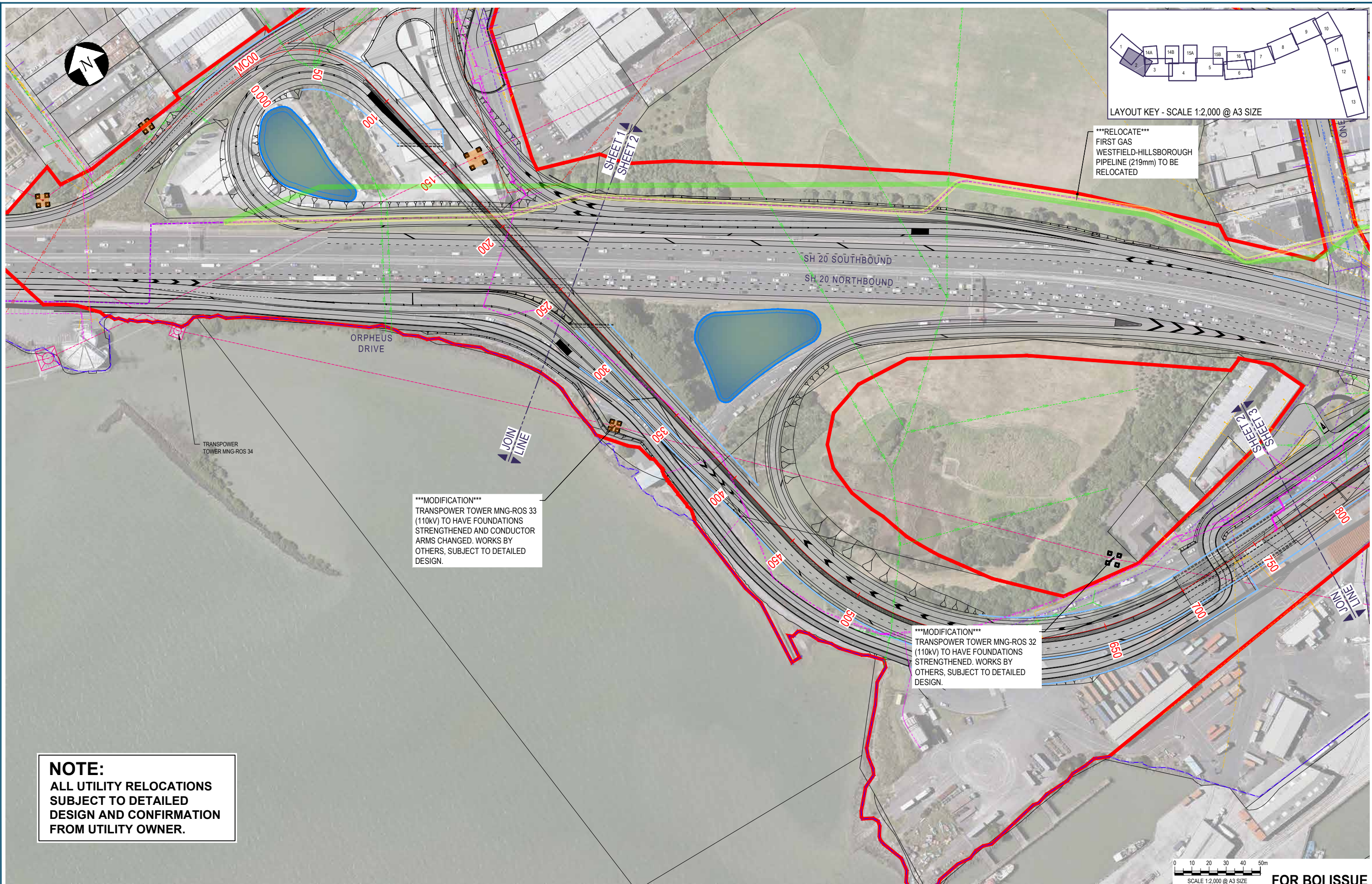
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 SCALE 1:2,000 @ A3 SIZE **FOR BOI ISSUE**

No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
1	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed UTIL OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION NEILSON STREET INTERCHANGE SHEET 01	Rev No. 2
Drawing Number AEE-U-101	

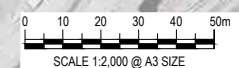


RELOCATE
 FIRST GAS
 WESTFIELD-HILLSBOROUGH
 PIPELINE (219mm) TO BE
 RELOCATED

MODIFICATION
 TRANSPOWER TOWER MNG-ROS 33
 (110kV) TO HAVE FOUNDATIONS
 STRENGTHENED AND CONDUCTOR
 ARMS CHANGED. WORKS BY
 OTHERS, SUBJECT TO DETAILED
 DESIGN.

MODIFICATION
 TRANSPOWER TOWER MNG-ROS 32
 (110kV) TO HAVE FOUNDATIONS
 STRENGTHENED. WORKS BY
 OTHERS, SUBJECT TO DETAILED
 DESIGN.

NOTE:
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 DESIGN AND CONFIRMATION
 FROM UTILITY OWNER.



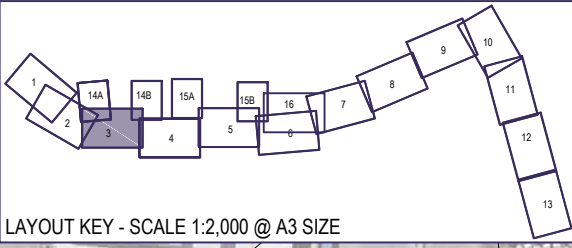
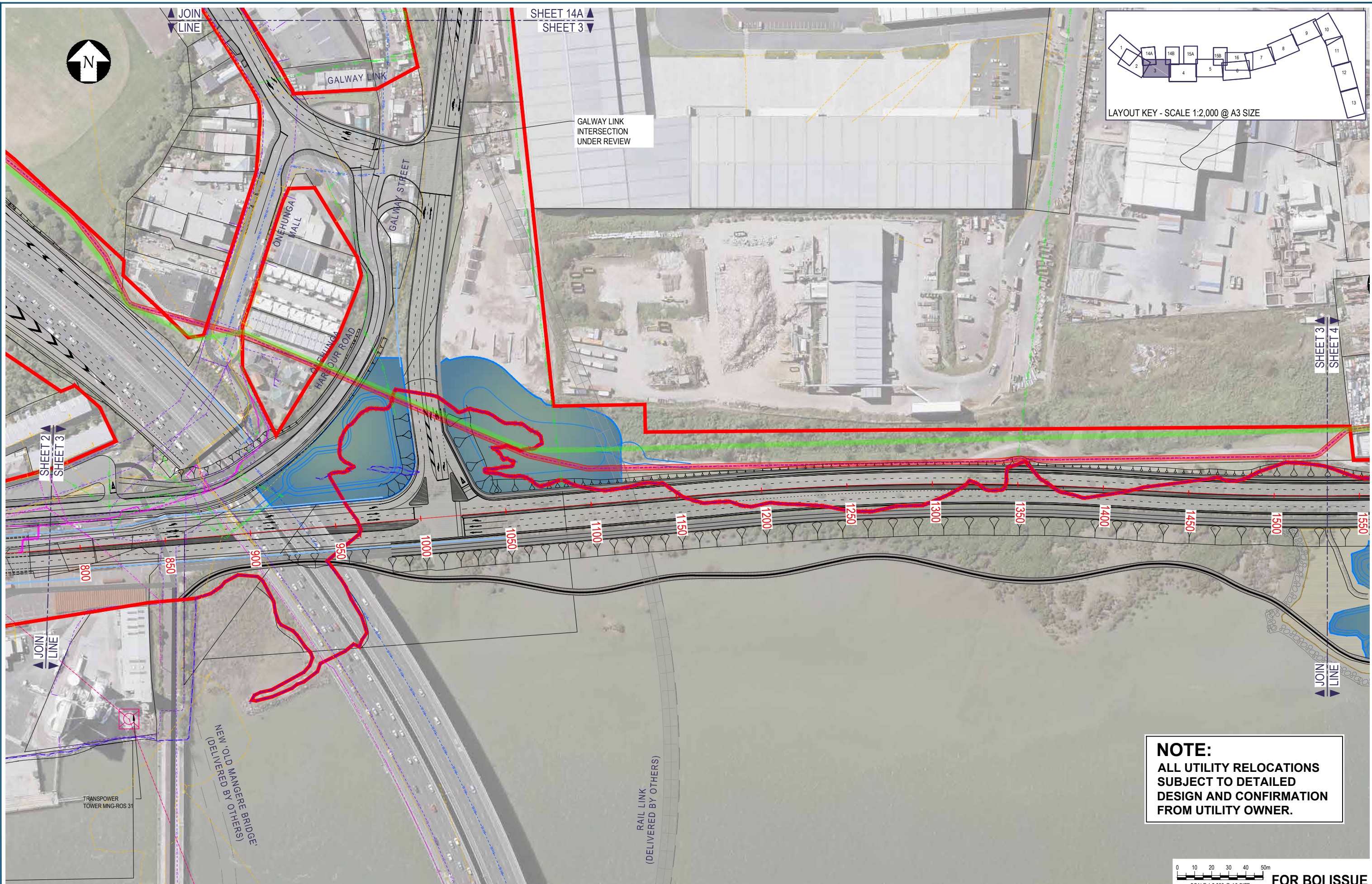
FOR BOI ISSUE

No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
1	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

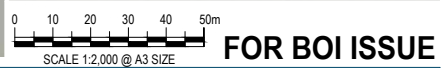
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Designed UTIL. OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION NELSON STREET INTERCHANGE SHEET 02	Drawing Number AEE-U-102	Rev No. 2
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NOTE:
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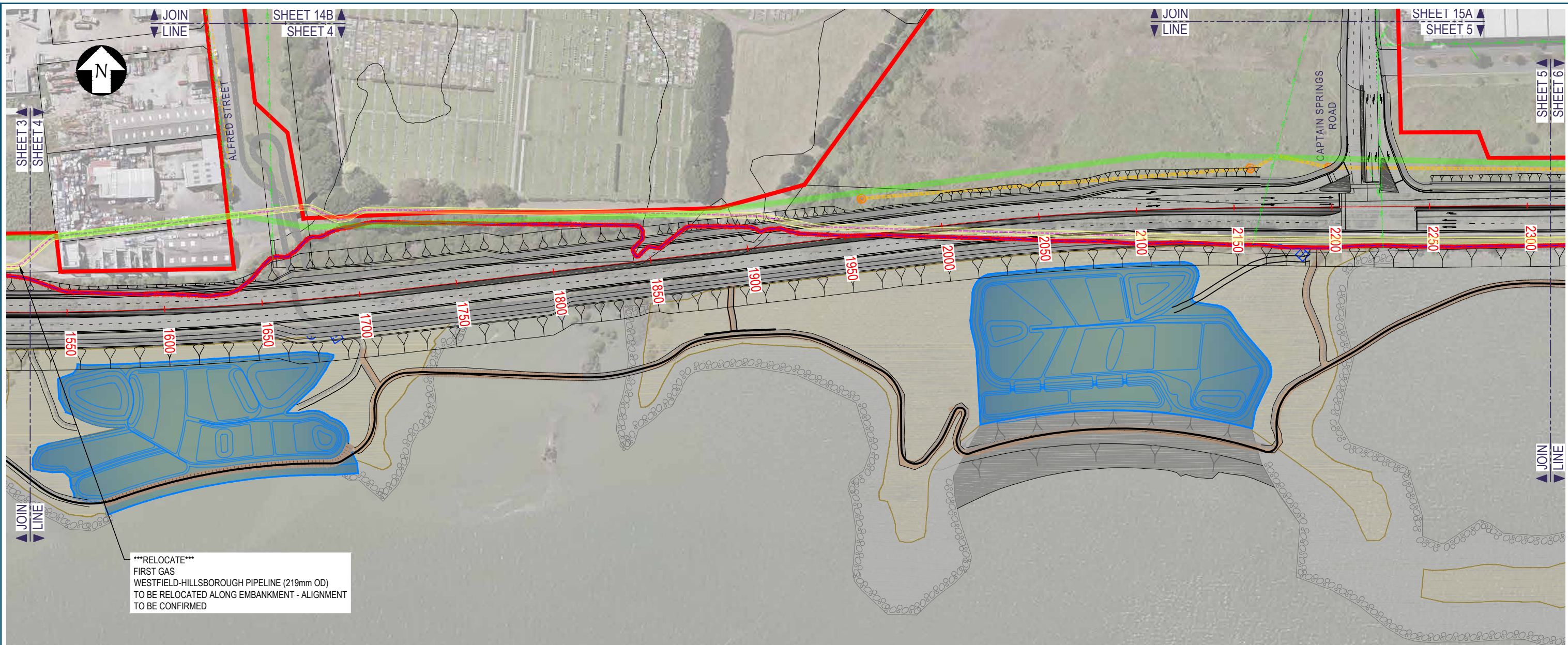
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2	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
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0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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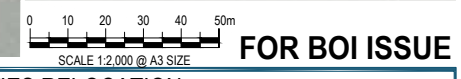
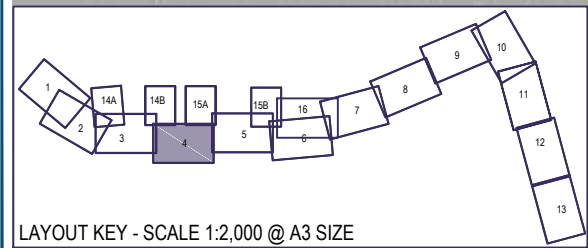
Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed UTIL. OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION EAST WEST LINK/ GALWAY STREET SHEET 03	Drawing Number AEE-U-103	Rev No. 2
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RELOCATE
 FIRST GAS
 WESTFIELD-HILLSBOROUGH PIPELINE (219mm OD)
 TO BE RELOCATED ALONG EMBANKMENT - ALIGNMENT
 TO BE CONFIRMED

NOTE:
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2	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
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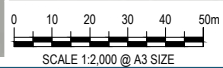
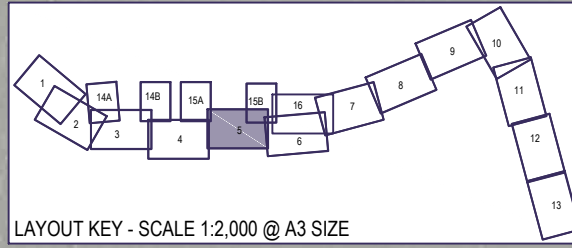
Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed UTIL. OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION EMBANKMENT SHEET 04	Rev No. 2
Drawing Number AEE-U-104	



RELOCATE
 FIRST GAS
 WESTFIELD-HILLSBOROUGH
 PIPELINE (219mm OD)
 TO BE RELOCATED ALONG
 EMBANKMENT - ALIGNMENT
 TO BE CONFIRMED

NOTE:
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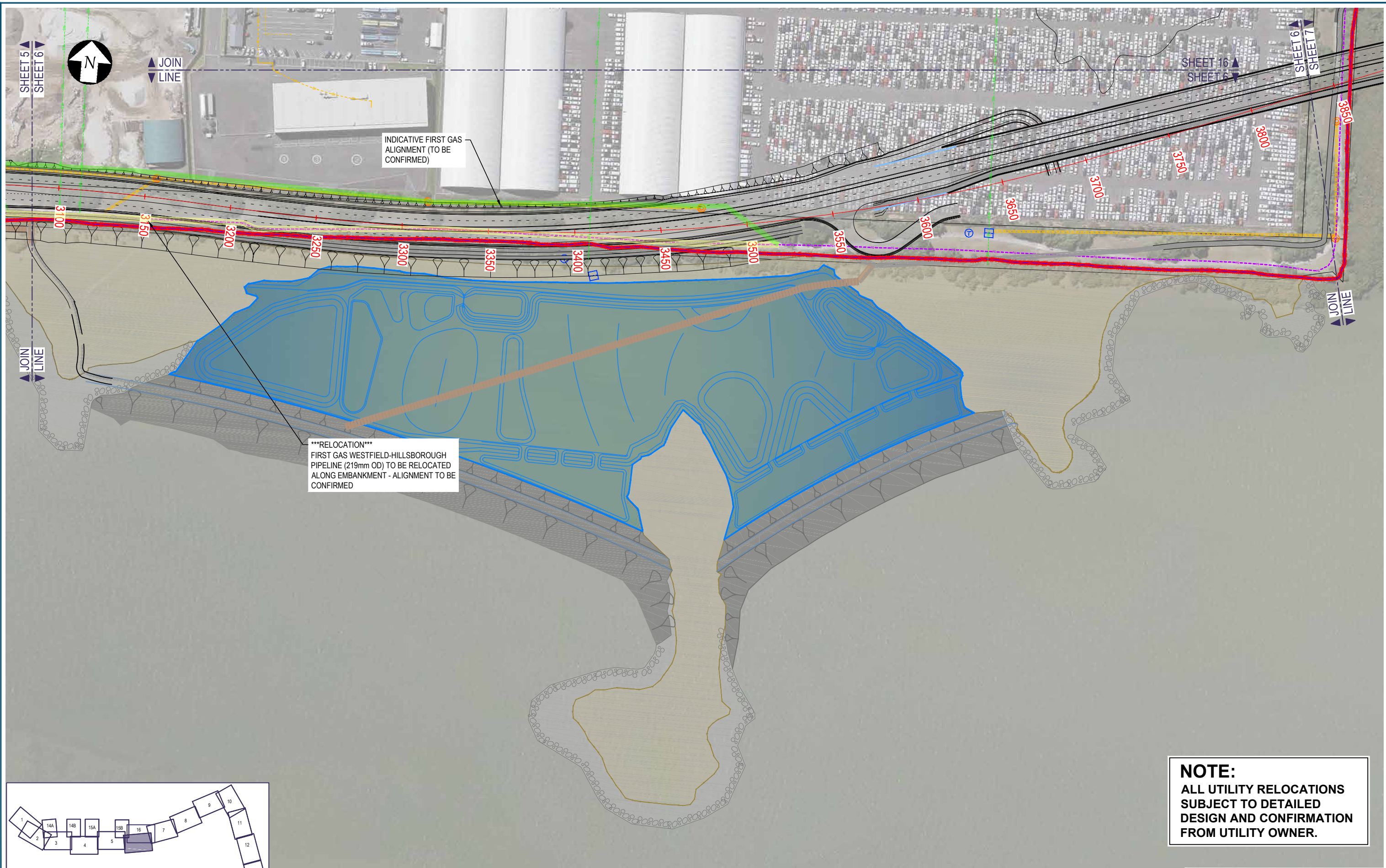
FOR BOI ISSUE

No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY AMENDMENTS	RT	NN*	JC*	22.09.2017
1	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed UTIL. OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

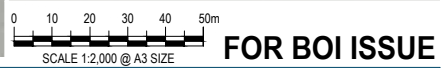
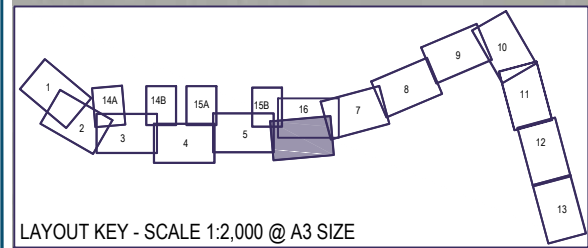
Drawing Title UTILITIES RELOCATION EMBANKMENT SHEET 05	Drawing Number AEE-U-105	Rev No. 2
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INDICATIVE FIRST GAS ALIGNMENT (TO BE CONFIRMED)

RELOCATION
 FIRST GAS WESTFIELD-HILLSBOROUGH PIPELINE (219mm OD) TO BE RELOCATED ALONG EMBANKMENT - ALIGNMENT TO BE CONFIRMED

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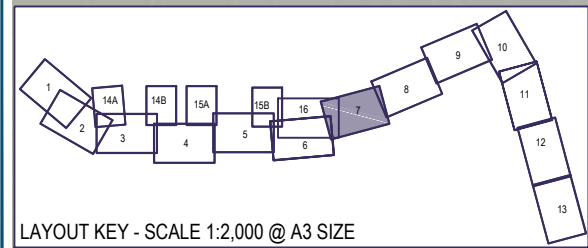
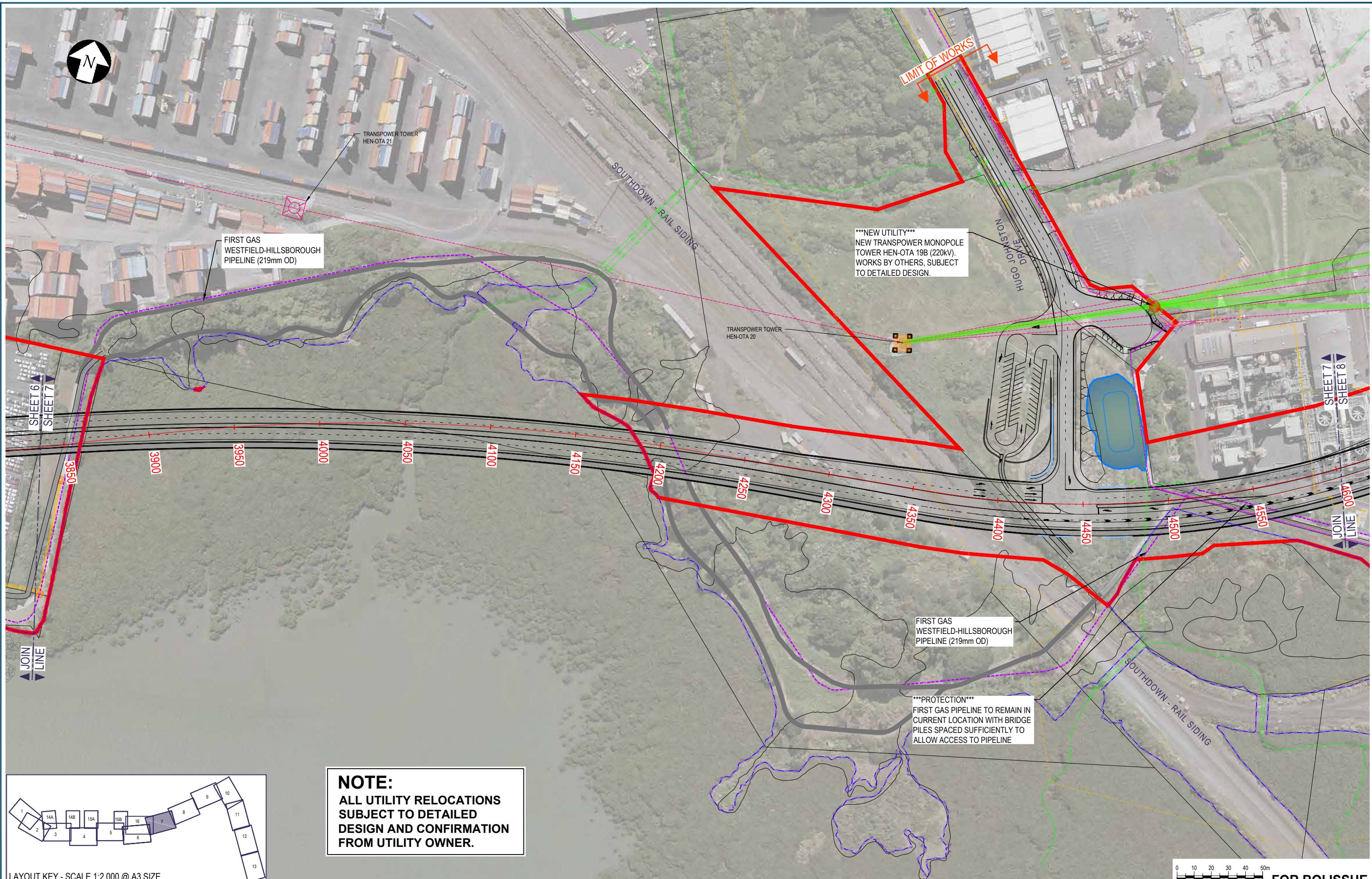
No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
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Designed UTIL. OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION ANNS CREEK/ ANNS CREEK SHEET 06	Rev No. 2
Drawing Number AEE-U-106	



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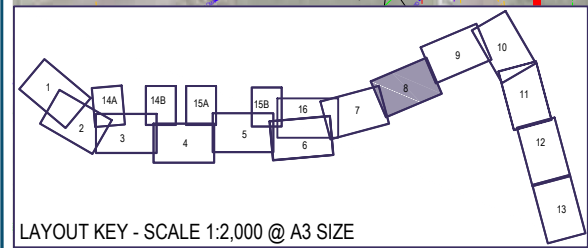
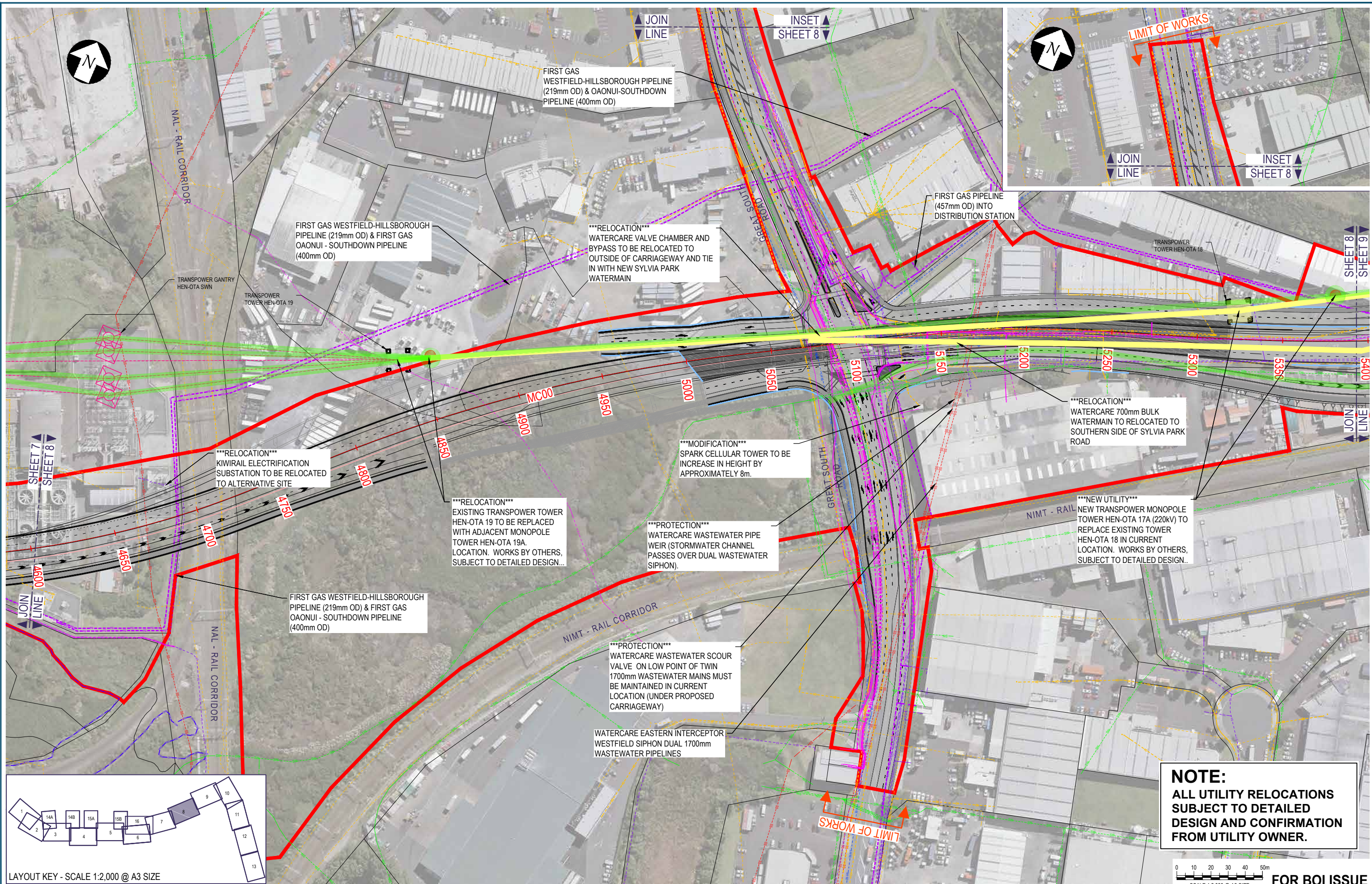
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 SCALE 1:2,000 @ A3 SIZE **FOR BOI ISSUE**

No.	Issued Status	Drawn	Check'd	App'd	Date
3	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
2	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	AR	NN*	PK*	14.12.2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Designed UTIL OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION ANNS CREEK SHEET 07	Drawing Number AEE-U-107	Rev No. 3
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3	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
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1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	AR	NN*	PK*	14.12.2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

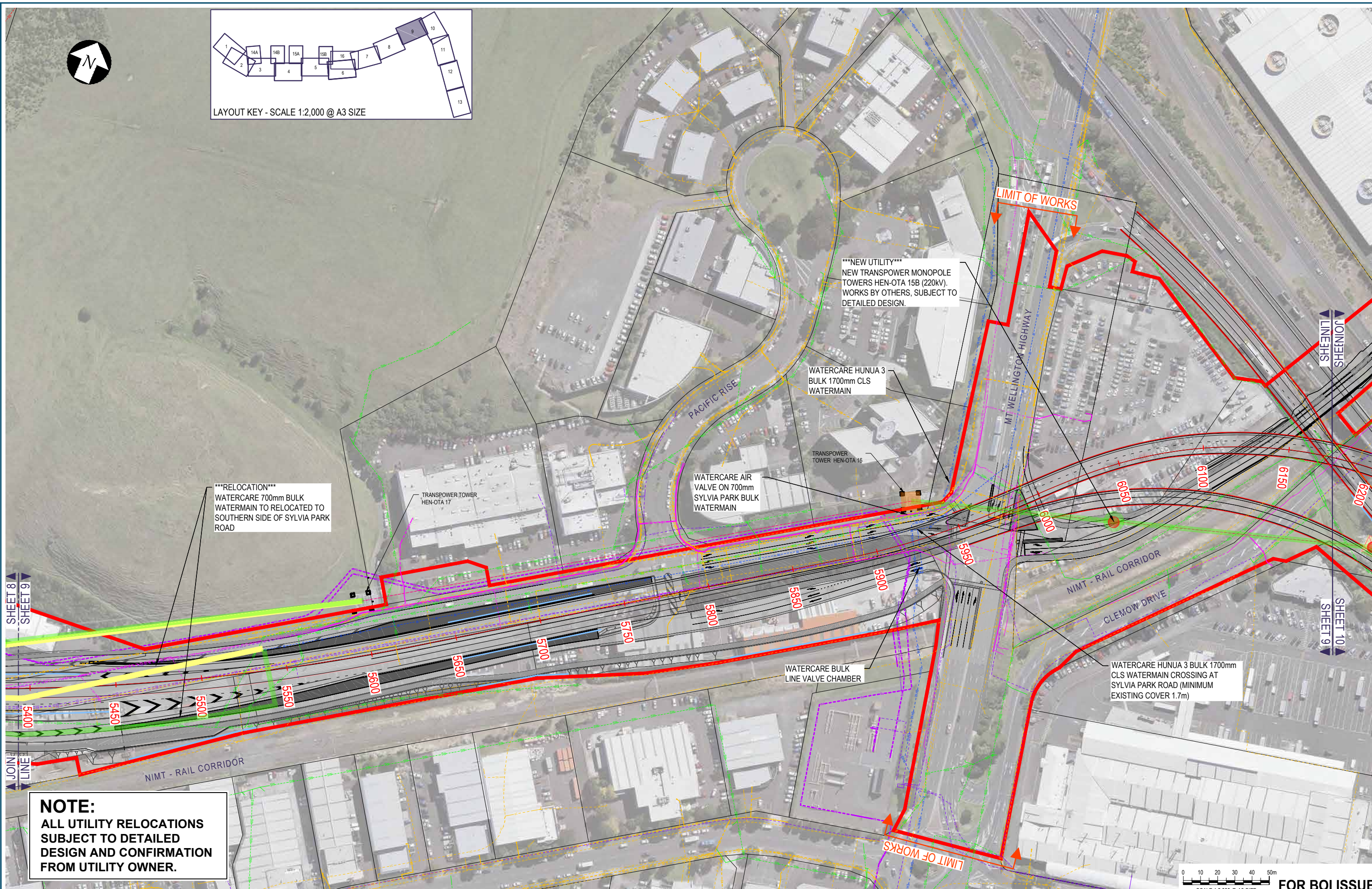
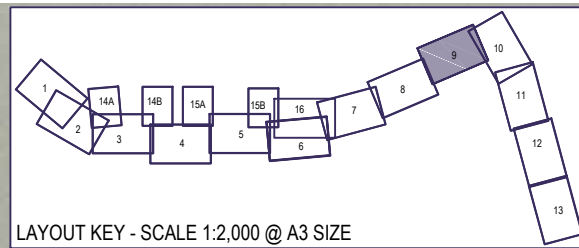
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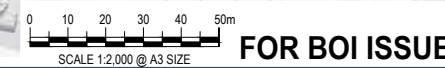
East West Link

Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed UTIL. OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION ANNS CREEK/ SYLVIA PARK ROAD SHEET 08	Drawing Number AAE-U-108	Rev No. 3
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DESIGN AND CONFIRMATION
FROM UTILITY OWNER.



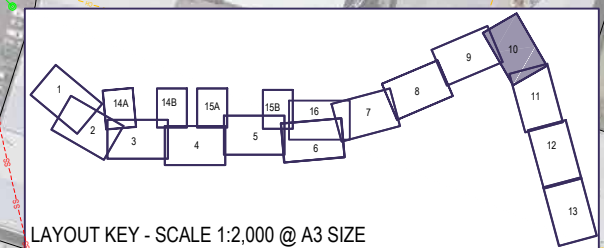
3	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
2	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	AR	NN*	PK*	14.12.2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016
No.	Issued Status	Drawn	Check'd	App'd	Date

DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	N NANCEKIVELL	Approved	J CALDWELL
Designed	UTIL OWNER	Design Check	J MURAHIDY	Contract No	PA4014		
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN				

Drawing Title	UTILITIES RELOCATION ANNS CREEK/ SYLVIA PARK ROAD SHEET 09	
Drawing Number	AEE-U-109	
Rev No.	3	



NOTE:
 ALL UTILITY RELOCATIONS
 SUBJECT TO DETAILED
 DESIGN AND CONFIRMATION
 FROM UTILITY OWNER.

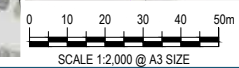
OFF-RAMP LOCATION
 ADJACENT TO
 TRANSPOWER TOWER 15
 IS UNDER REVISION

TRANSPOWER
 TOWER HEN-OTA 15

NEW UTILITY
 NEW TRANSPOWER MONOPOLE
 TOWER HEN-OTA 15A (220kV) TO
 REPLACE EXISTING TOWER
 HEN-OTA 15 IN CURRENT
 LOCATION. WORKS BY OTHERS,
 SUBJECT TO DETAILED DESIGN.

NEW UTILITY
 NEW TRANSPOWER MONOPOLE TOWER
 HEN-OTA 14A (220kV) TO REPLACE
 EXISTING TOWER HEN-OTA 14 IN
 CURRENT LOCATION. WORKS BY
 OTHERS, SUBJECT TO DETAILED
 DESIGN.

TRANSPOWER
 TOWER HEN-OTA 14



FOR BOI ISSUE

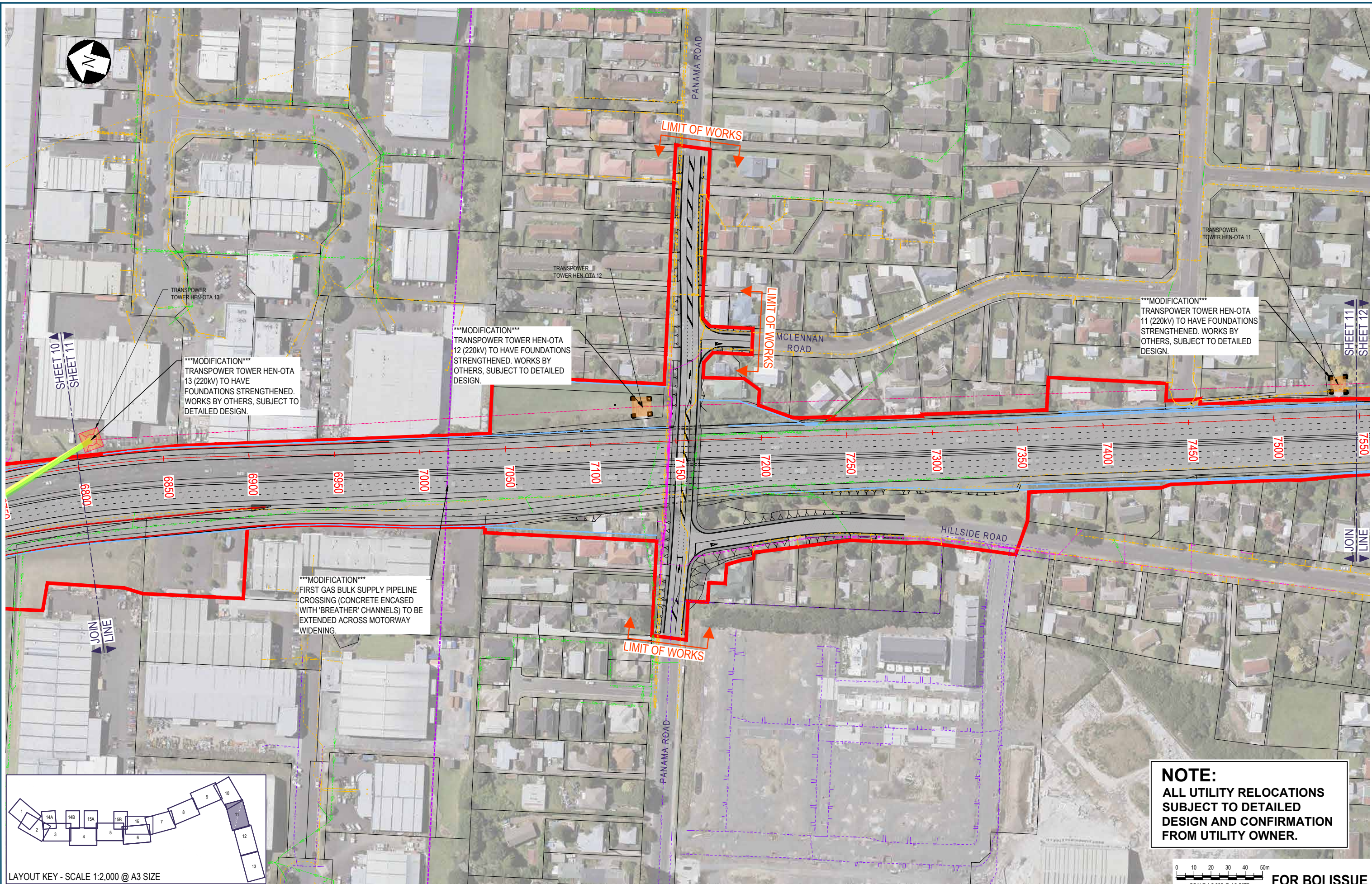
No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
1	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	N NANCEKIVELL	Approved	J CALDWELL
Designed	UTIL. OWNER	Design Check	J MURAHIDY	Contract No	PA4014		
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN				

Drawing Title	UTILITIES RELOCATION SH1/ SYLVIA PARK RAMPS SHEET 10	Rev No.	2
Drawing Number	AEU-U-110		



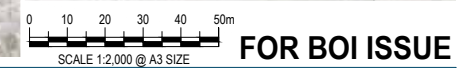
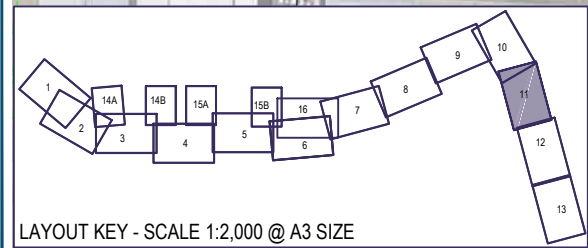
MODIFICATION
TRANSPOWER TOWER HEN-OTA 13 (220kV) TO HAVE FOUNDATIONS STRENGTHENED. WORKS BY OTHERS, SUBJECT TO DETAILED DESIGN.

MODIFICATION
TRANSPOWER TOWER HEN-OTA 12 (220kV) TO HAVE FOUNDATIONS STRENGTHENED. WORKS BY OTHERS, SUBJECT TO DETAILED DESIGN.

MODIFICATION
TRANSPOWER TOWER HEN-OTA 11 (220kV) TO HAVE FOUNDATIONS STRENGTHENED. WORKS BY OTHERS, SUBJECT TO DETAILED DESIGN.

MODIFICATION
FIRST GAS BULK SUPPLY PIPELINE CROSSING (CONCRETE ENCASED WITH 'BREATHERS' CHANNELS) TO BE EXTENDED ACROSS MOTORWAY WIDENING.

NOTE:
ALL UTILITY RELOCATIONS SUBJECT TO DETAILED DESIGN AND CONFIRMATION FROM UTILITY OWNER.

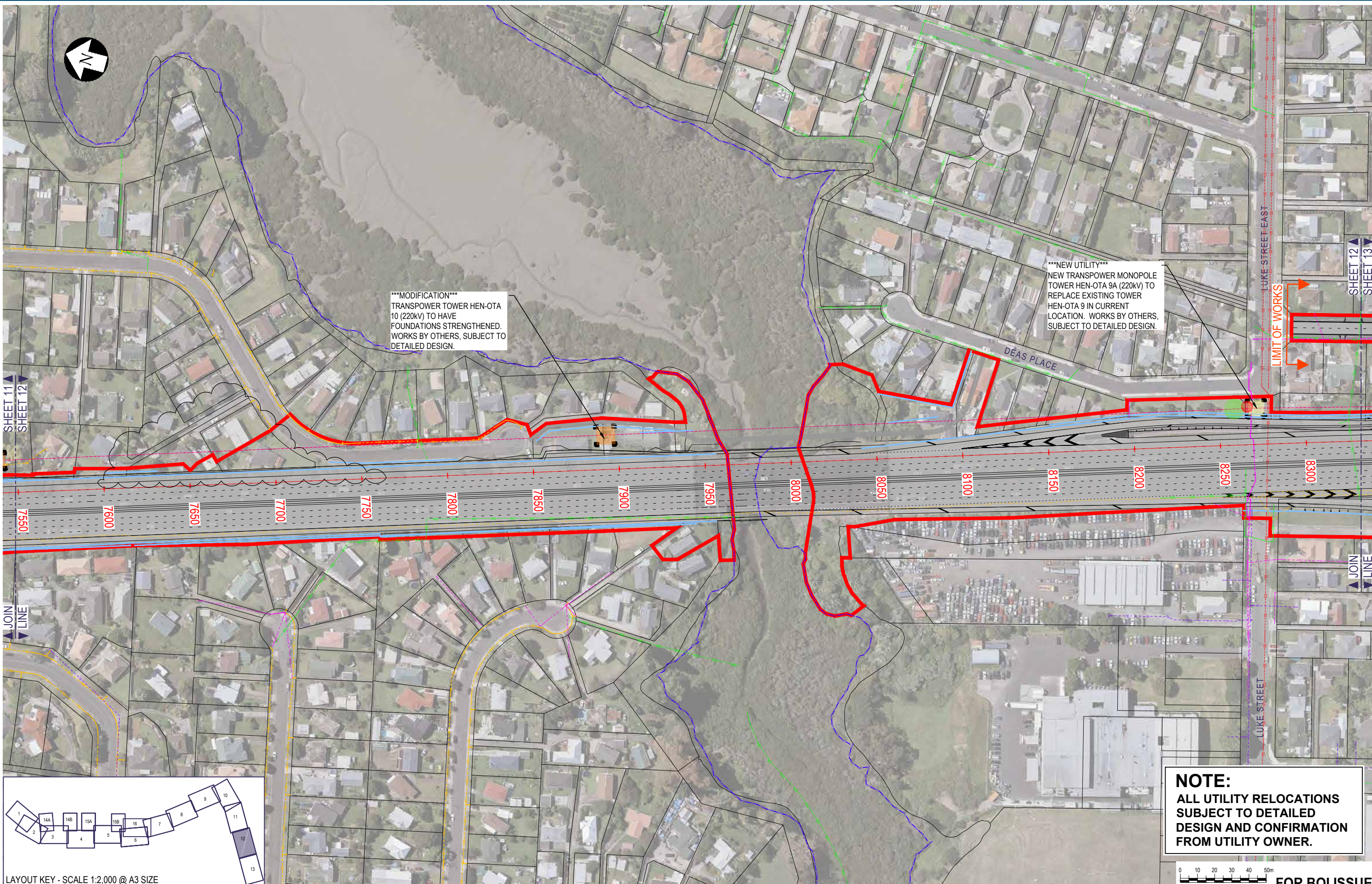


No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY	RT	NN*	JC*	22.09.2017
1	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed UTIL. OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

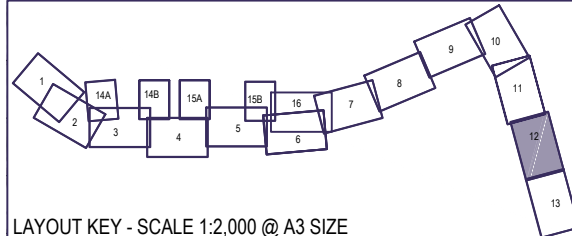
Drawing Title UTILITIES RELOCATION SH1/ PANAMA ROAD SHEET 11	Drawing Number AEE-U-111	Rev No. 2
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MODIFICATION
 TRANSPOWER TOWER HEN-OTA
 10 (220kV) TO HAVE
 FOUNDATIONS STRENGTHENED.
 WORKS BY OTHERS, SUBJECT TO
 DETAILED DESIGN.

NEW UTILITY
 NEW TRANSPOWER MONOPOLE
 TOWER HEN-OTA 9A (220kV) TO
 REPLACE EXISTING TOWER
 HEN-OTA 9 IN CURRENT
 LOCATION. WORKS BY OTHERS,
 SUBJECT TO DETAILED DESIGN.

NOTE:
 ALL UTILITY RELOCATIONS
 SUBJECT TO DETAILED
 DESIGN AND CONFIRMATION
 FROM UTILITY OWNER.



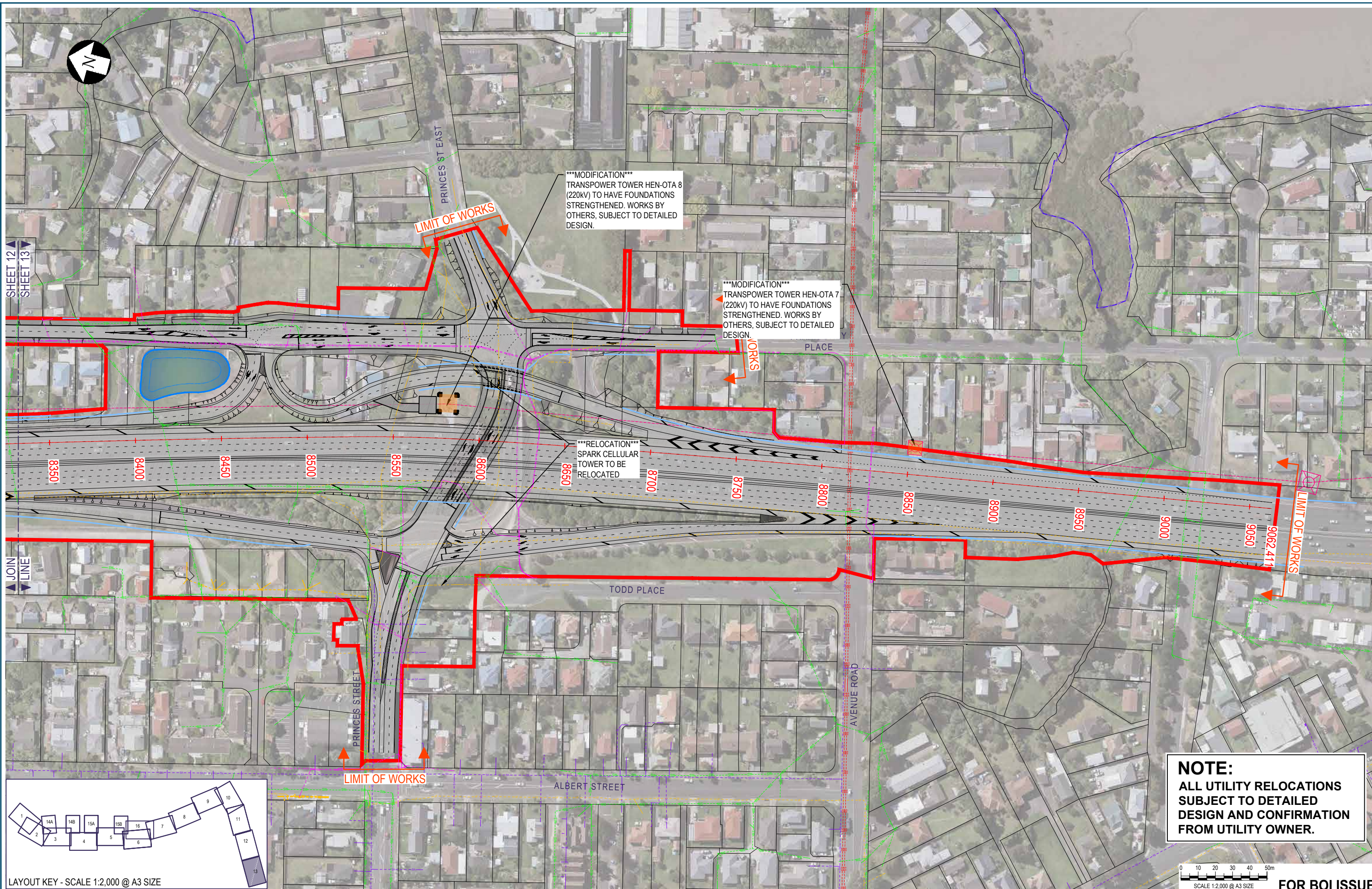
SCALE 1:2,000 @ A3 SIZE
FOR BOI ISSUE

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

DISCLAIMER
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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed UTIL. OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION SH1/ OTAHUHU CREEK SHEET 12	Rev No. 1
Drawing Number AEE-U-112	



MODIFICATION
 TRANSPOWER TOWER HEN-OTA 8
 (220kV) TO HAVE FOUNDATIONS
 STRENGTHENED. WORKS BY
 OTHERS, SUBJECT TO DETAILED
 DESIGN.

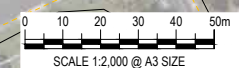
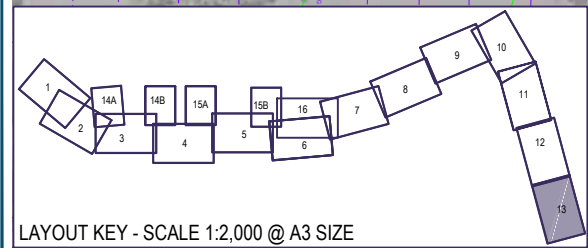
MODIFICATION
 TRANSPOWER TOWER HEN-OTA 7
 (220kV) TO HAVE FOUNDATIONS
 STRENGTHENED. WORKS BY
 OTHERS, SUBJECT TO DETAILED
 DESIGN.

RELOCATION
 SPARK CELLULAR
 TOWER TO BE
 RELOCATED

NOTE:
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 SUBJECT TO DETAILED
 DESIGN AND CONFIRMATION
 FROM UTILITY OWNER.

SHEET 12
 SHEET 13

JOIN
 LINE



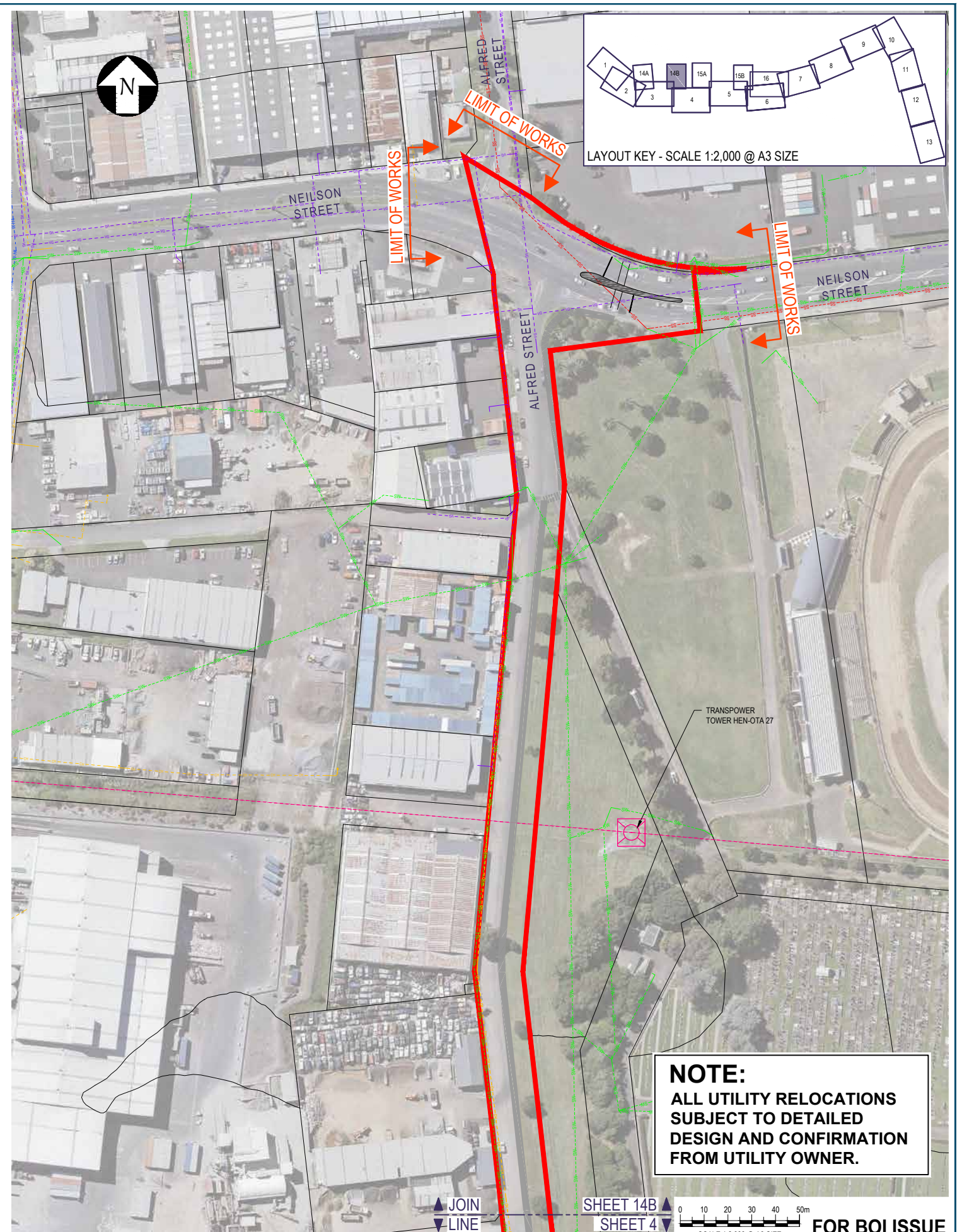
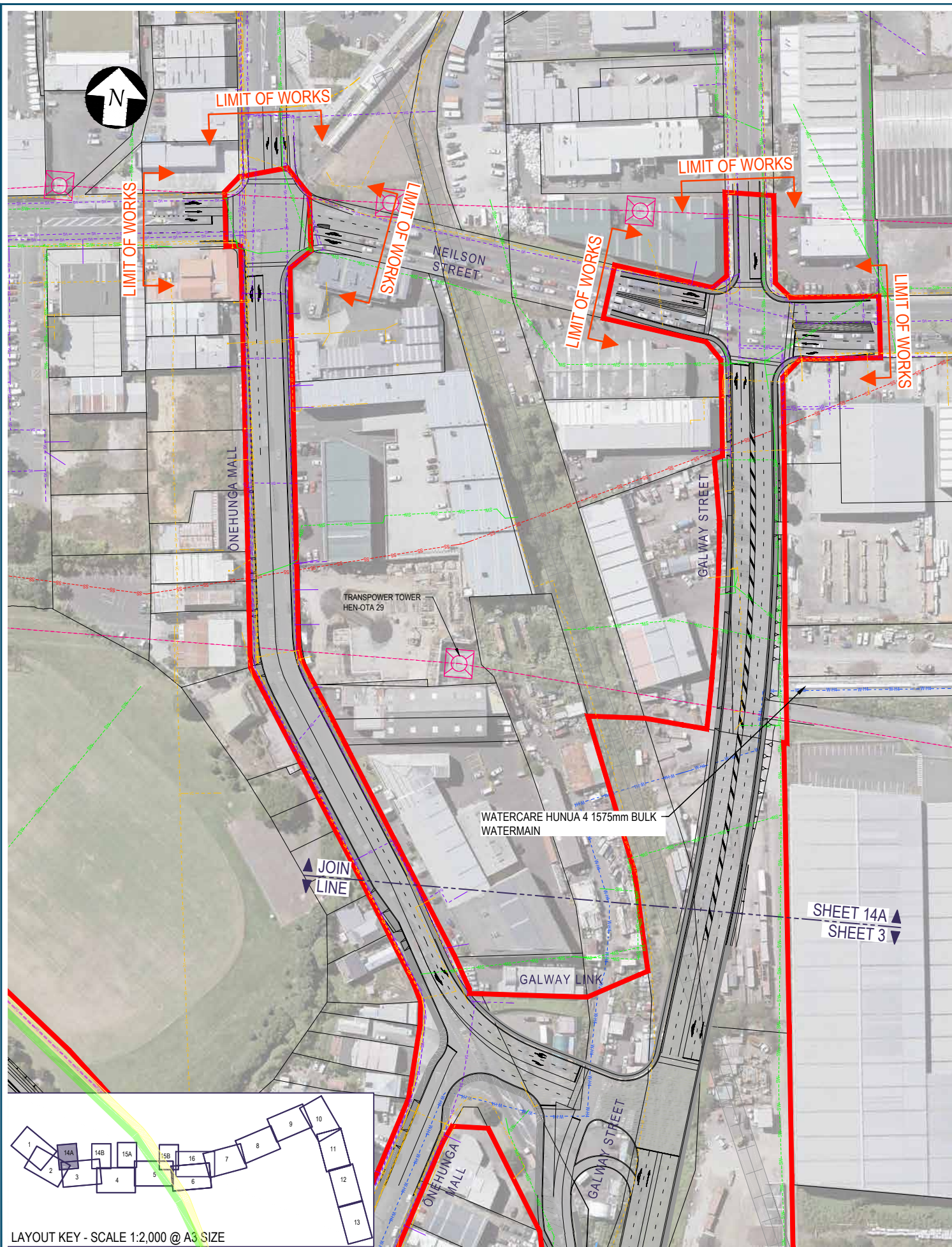
FOR BOI ISSUE

No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
1	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed UTIL OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION PRINCES ST INTERCHAGNE SHEET 13	Drawing Number AEE-U-113	Rev No. 2
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No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
1	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

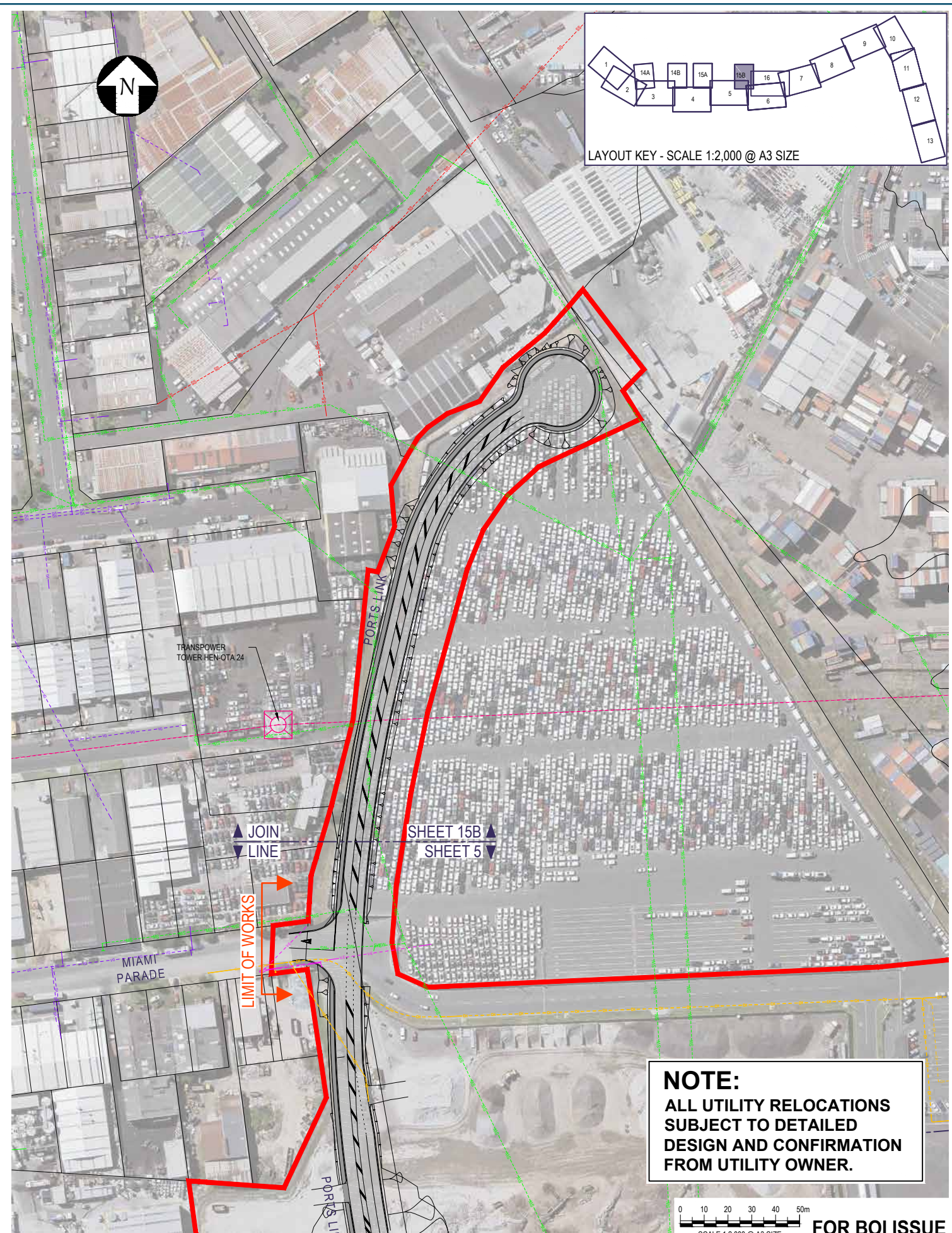
DISCLAIMER
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NZ TRANSPORT AGENCY
 WAKA KOTAHĪ

East West Link

Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed UTIL OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION NEILSON STREET INTERCHANGE - LOCAL ROADS SHEET 14A & 14B	Drawing Number AEE-U-114	Rev No. 2
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NOTE:
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 DESIGN AND CONFIRMATION
 FROM UTILITY OWNER.

No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY AMENDMENT	RT	NN*	JC*	22.09.2017
1	BOARD OF INQUIRY	RT	NN*	JC*	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

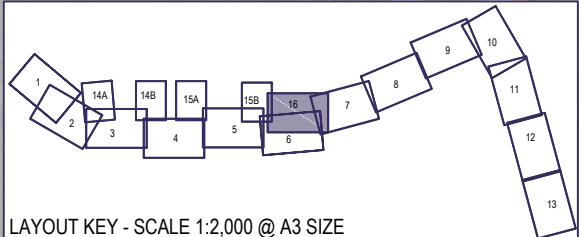
DISCLAIMER
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NZ TRANSPORT AGENCY
 WAKA KOTAHĪ

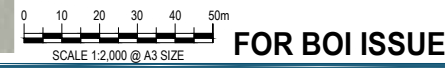
East West Link

Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed UTIL OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION CAPTAIN SPRINGS ROAD/ PORTS LINK SHEET 15A & 15B	Drawing Number AEE-U-115	Rev No. 2
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NOTE:
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 DESIGN AND CONFIRMATION
 FROM UTILITY OWNER.



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

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed UTIL. OWNER	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title UTILITIES RELOCATION EMBANKMENT SHEET 16	Drawing Number AEE-U-116	Rev No. 1
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