

# PLAN SET 12 UTILITIES RELOCATION

EAST WEST LINK DRAWING REGISTER						
DWG NUMBER	DRAWING TITLE	CURRENT REVISION	DATE AND REVISION			
	PLAN SET 12 - UTILITIES RELOCATION		11/2/2016	14/12/2016		
AEE-U-001	UTILITIES RELOCATION - EAST WEST LINK - DRAWING INDEX, NOTES AND LEGEND	1	0	1		
AEE-U-100	UTILITIES RELOCATION - EAST WEST LINK - OVERVIEW PLAN	1	0	1		
AEE-U-101	UTILITIES RELOCATION - SH20/NEILSON STREET INTERCHANGE - SHEET 1	0	0			
AEE-U-102	UTILITIES RELOCATION - NEILSON STREET INTERCHANGE - SHEET 2	0	0			
AEE-U-103	UTILITIES RELOCATION/ GALWAY STREET - SHEET 3	0	0			
AEE-U-104	UTILITIES RELOCATION - EMBANKMENT - SHEET 4	0	0			
AEE-U-105	UTILITIES RELOCATION - EMBANKMENT - SHEET 5	0	0			
AEE-U-106	UTILITIES RELOCATION - EMBANKMENT/ANNS CREEK - SHEET 6	0	0			
AEE-U-107	UTILITIES RELOCATION - ANNS CREEK - SHEET 7	1	0	1		
AEE-U-108	UTILITIES RELOCATION - ANNS CREEK/SYLVA PARK ROAD - SHEET 8	1	0	1		
AEE-U-109	UTILITIES RELOCATION - ANNS CREEK/SYLVA PARK RAMPS - SHEET 9	1	0	1		
AEE-U-110	UTILITIES RELOCATION - SH1/SYLVA PARK RAMPS - SHEET 10	0	0			
AEE-U-111	UTILITIES RELOCATION - SH1/PANAMA ROAD - SHEET 11	0	0			
AEE-U-112	UTILITIES RELOCATION - SH1/OTAHUHU CREEK - SHEET 12	0	0			
AEE-U-113	UTILITIES RELOCATION - PRINCES STREET INTERCHANGE - SHEET 13	0	0			
AEE-U-114	UTILITIES RELOCATION - NEILSON STREET INTERCHANGE - LOCAL ROADS - SHEET 14A AND 14B	0	0			
AEE-U-115	UTILITIES RELOCATION - CAPTAIN SPRINGS ROAD/ PORTS LINK - SHEET 15A AND 15B	0	0			
AEE-U-116	UTILITIES RELOCATION - EMBANKMENT - SHEET 16	0	0			

**LEGEND: UTILITIES RELOCATION**

EXISTING SERVICES	PROPOSED SERVICES
<b>COMMUNICATION LINE</b>	<b>NEW SERVICES/DIVERSIONS</b>
- CH - - - - CHORUS	<span style="display: inline-block; width: 20px; height: 10px; background-color: #90EE90; border: 1px solid black;"></span>
- VF - - - - VODAFONE	<span style="display: inline-block; width: 20px; height: 10px; background-color: #FFFF00; border: 1px solid black;"></span>
- FX - - - - FX NETWORK	<span style="display: inline-block; width: 20px; height: 10px; background-color: #FFA500; border: 1px solid black;"></span>
- VC - - - - VECTOR COMMUNICATION	<b>EXISTING SERVICES TO BE REMOVED/ABANDONED</b>
<b>ELECTRICITY CABLE</b>	<b>EXISTING SERVICES TO BE PROTECTED/MODIFIED</b>
- TP-E - - - - TRANSPOWER OVERHEAD CABLES	
- VE - - - - VECTOR ELECTRICITY	
<b>GAS MAIN</b>	<b>EXISTING FEATURES</b>
- FG - - - - TRANSMISSION (FIRST GAS)	PROPERTY BOUNDARY
- VG - - - - DISTRIBUTION (VECTOR)	EXISTING COASTAL MARINE BOUNDARY
<b>AUCKLAND COUNCIL</b>	
- SW - - - - STORMWATER PIPE	
<b>WATERCARE</b>	
- W - - - - WATER PIPE	
- SS - - - - WASTEWATER PIPE	
- W H1 - - - - HUNUA 1 BULK WATERMAIN	
- W H3 - - - - HUNUA 3 BULK WATERMAIN	
- W H4 - - - - HUNUA 4 BULK WATERMAIN	
<b>PROPOSED FEATURES</b>	
CUT SLOPES	STORMWATER FOREBAY/ WETLAND AND BIOFILTRATION AREA
ROAD ALIGNMENT	CYCLE / SHARED FOOTPATH
FILL SLOPES	BOARDWALK
TOE OF OUTER BUND	GRAVEL PATH
FORESHORE VEGETATION	RETAINING WALL
SHINGLE FORESHORE SLOPE	BRIDGE STRUCTURE
	DESIGNATION BOUNDARY
	EXISTING SHARED PATH TO REMAIN

**UTILITIES RELOCATION PLANS, REFER DRAWINGS AEE-U-101 TO AEE-U-116**

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

**FOR CONSENT**

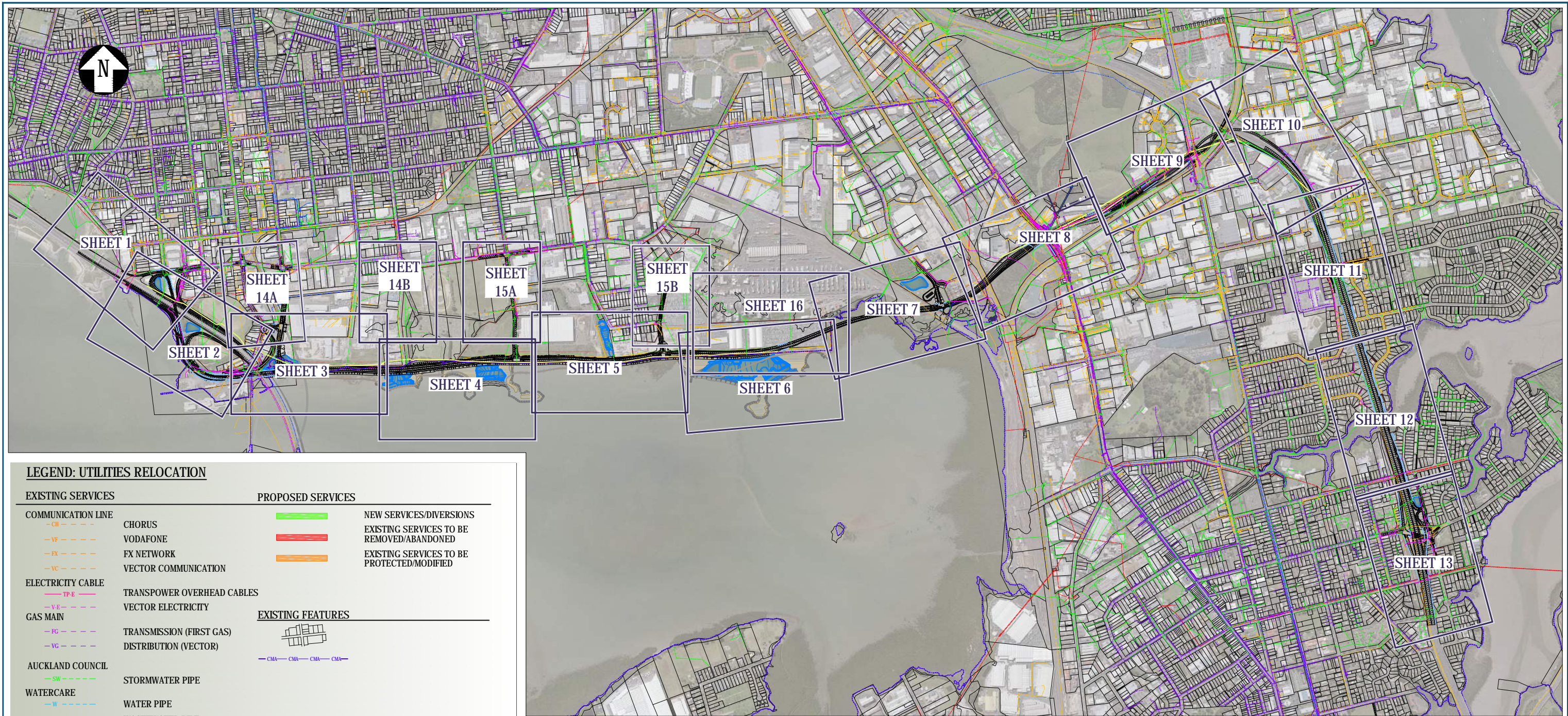
No.	Issued Status	Drawn	Check'd	App'd	Date
1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	JM	NN*	PK*	14/12/2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016

**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.

**East West Link**

Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No <b>PA4014</b>

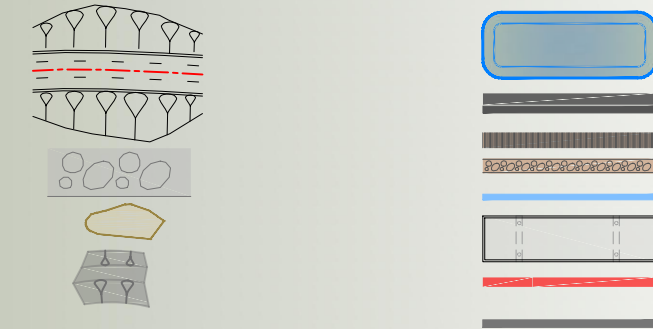
Drawing Title <b>UTILITIES RELOCATION EAST WEST LINK DRAWING INDEX, NOTES AND LEGEND</b>	Drawing Number <b>AEE-U-001</b>	Rev No. <b>1</b>
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**LEGEND: UTILITIES RELOCATION**

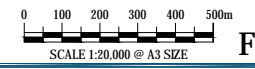
EXISTING SERVICES		PROPOSED SERVICES	
<b>COMMUNICATION LINE</b>			<b>NEW SERVICES/DIVERSIONS</b>
-CH-	CHORUS		<b>EXISTING SERVICES TO BE REMOVED/ABANDONED</b>
-VF-	VODAFONE		<b>EXISTING SERVICES TO BE PROTECTED/MODIFIED</b>
-FX-	FX NETWORK		
-VC-	VECTOR COMMUNICATION		
<b>ELECTRICITY CABLE</b>			
-TP-E-	TRANSPOWER OVERHEAD CABLES		
-VE-	VECTOR ELECTRICITY		
<b>GAS MAIN</b>			<b>EXISTING FEATURES</b>
-FG-	TRANSMISSION (FIRST GAS)		
-VG-	DISTRIBUTION (VECTOR)		
<b>AUCKLAND COUNCIL</b>			
-SW-	STORMWATER PIPE		
<b>WATERCARE</b>			
-W-	WATER PIPE		
-SS-	WASTEWATER PIPE		
-W-H1-	HUNUA 1 BULK WATERMAIN		
-W-H3-	HUNUA 3 BULK WATERMAIN		
-W-H4-	HUNUA 4 BULK WATERMAIN		

**PROPOSED FEATURES**



**NOTE:**  
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 DESIGN AND CONFIRMATION  
 FROM UTILITY OWNER.

UTILITIES RELOCATION PLANS, REFER DRAWINGS AEE-U-101 TO AEE-U-116



**FOR CONSENT**

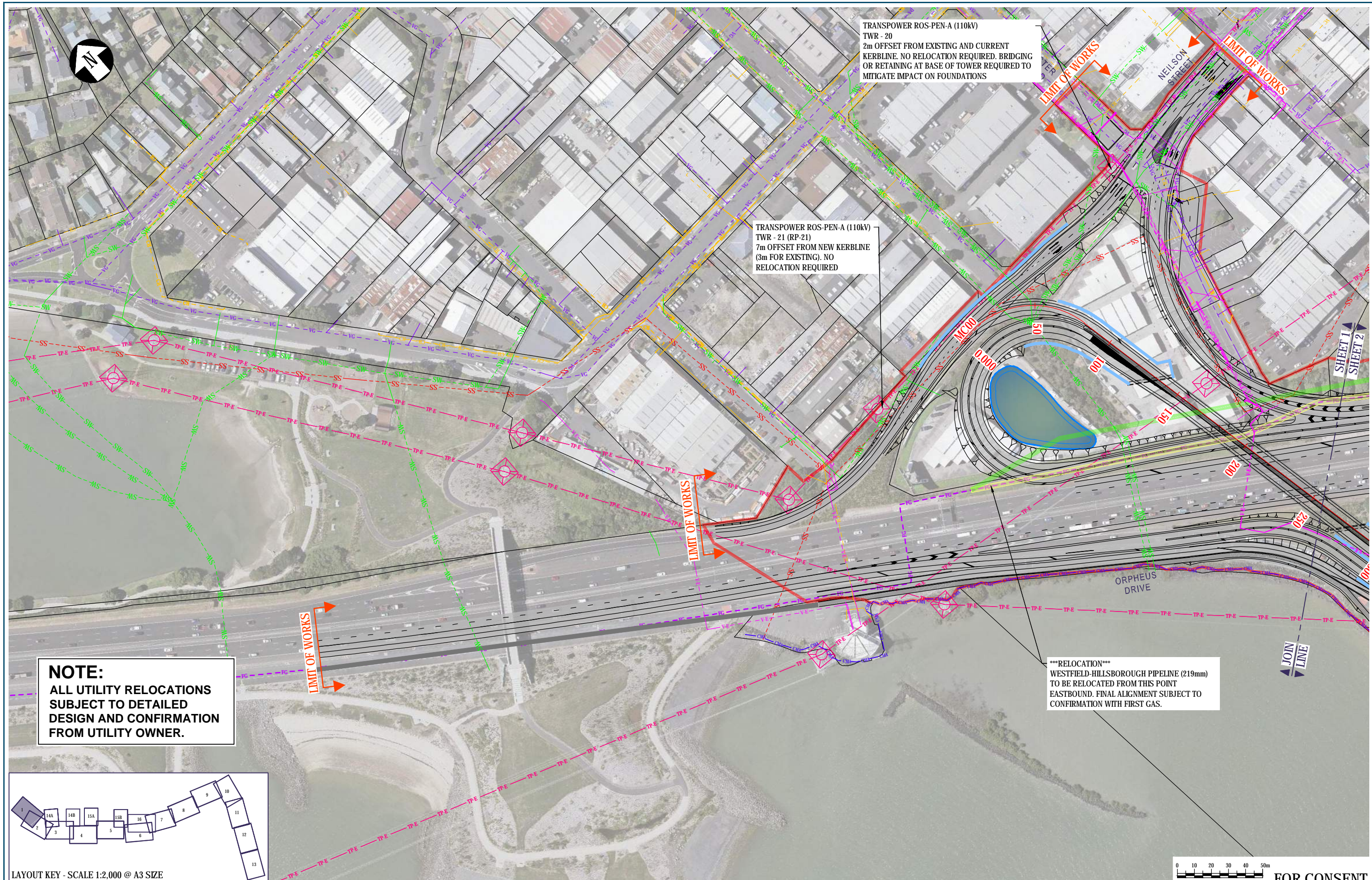
No.	Issued Status	Drawn	Check'd	App'd	Date
1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	JM	NN*	PK*	14/12/2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	N NANCEKIVELL	Approved	P KELLY
Designed	UTIL. OWNER	Design Check	J MURAHIDY	Design Manager	N NANCEKIVELL	Alliance Manager	P KELLY
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.	1		

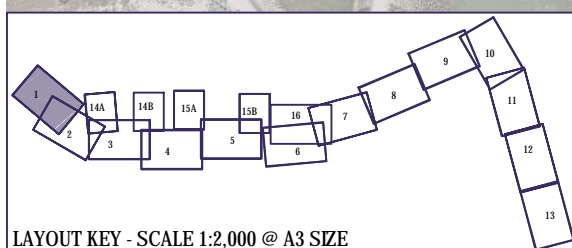


TRANSPOWER ROS-PEN-A (110kV)  
TWR - 20  
2m OFFSET FROM EXISTING AND CURRENT  
KERBLINE. NO RELOCATION REQUIRED. BRIDGING  
OR RETAINING AT BASE OF TOWER REQUIRED TO  
MITIGATE IMPACT ON FOUNDATIONS

TRANSPOWER ROS-PEN-A (110kV)  
TWR - 21 (RP-21)  
7m OFFSET FROM NEW KERBLINE  
(3m FOR EXISTING). NO  
RELOCATION REQUIRED

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



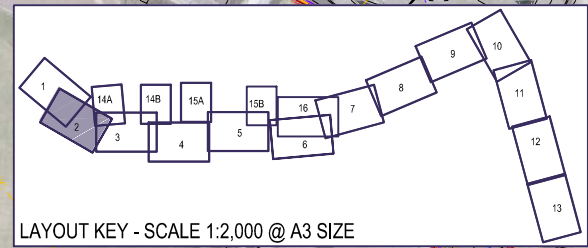
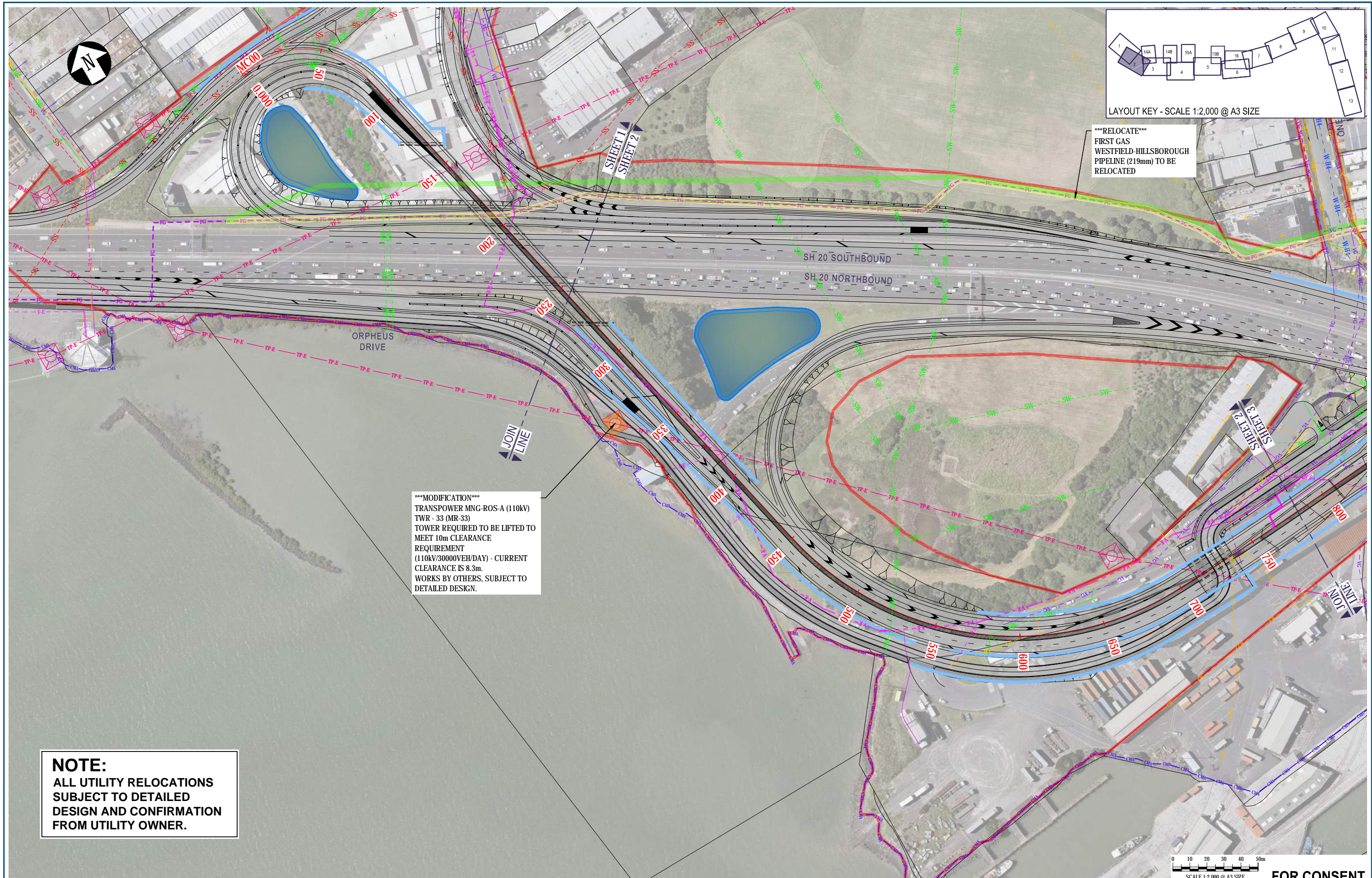
LAYOUT KEY - SCALE 1:2,000 @ A3 SIZE

No.	Issued Status	Drawn	Check'd	App'd	Date
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 P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

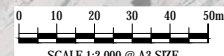
Drawing Title <b>UTILITIES RELOCATION SH20/ NEILSON STREET INTERCHANGE SHEET 1</b>	Drawing Number AEE-U-101	Rev No. 0
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\*\*\*RELOCATE\*\*\*  
 FIRST GAS  
 WESTFIELD-HILLSBOROUGH  
 PIPELINE (219mm) TO BE  
 RELOCATED

\*\*\*MODIFICATION\*\*\*  
 TRANSPOWER MNG-ROS-A (110kV)  
 TWR - 33 (MR-33)  
 TOWER REQUIRED TO BE LIFTED TO  
 MEET 10m CLEARANCE  
 REQUIREMENT  
 (110kV/30000VEH/DAY) - CURRENT  
 CLEARANCE IS 8.3m.  
 WORKS BY OTHERS, SUBJECT TO  
 DETAILED DESIGN.

**NOTE:**  
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 DESIGN AND CONFIRMATION  
 FROM UTILITY OWNER.



**FOR CONSENT**

No.	Issued Status	Drawn	Check'd	App'd	Date
0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016

**DISCLAIMER**  
 Hāwhiri te itahi waka...  
 under the RMA for resource consents and designations.  
 5' hāwhiri te itahi waka...  
 Areas and measurements are subject to survey.  
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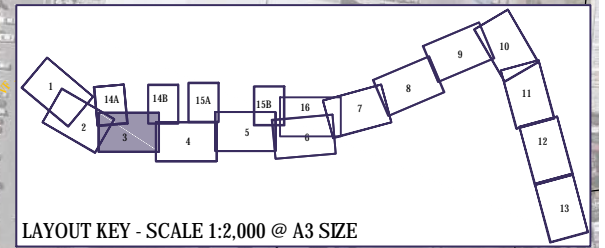


Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

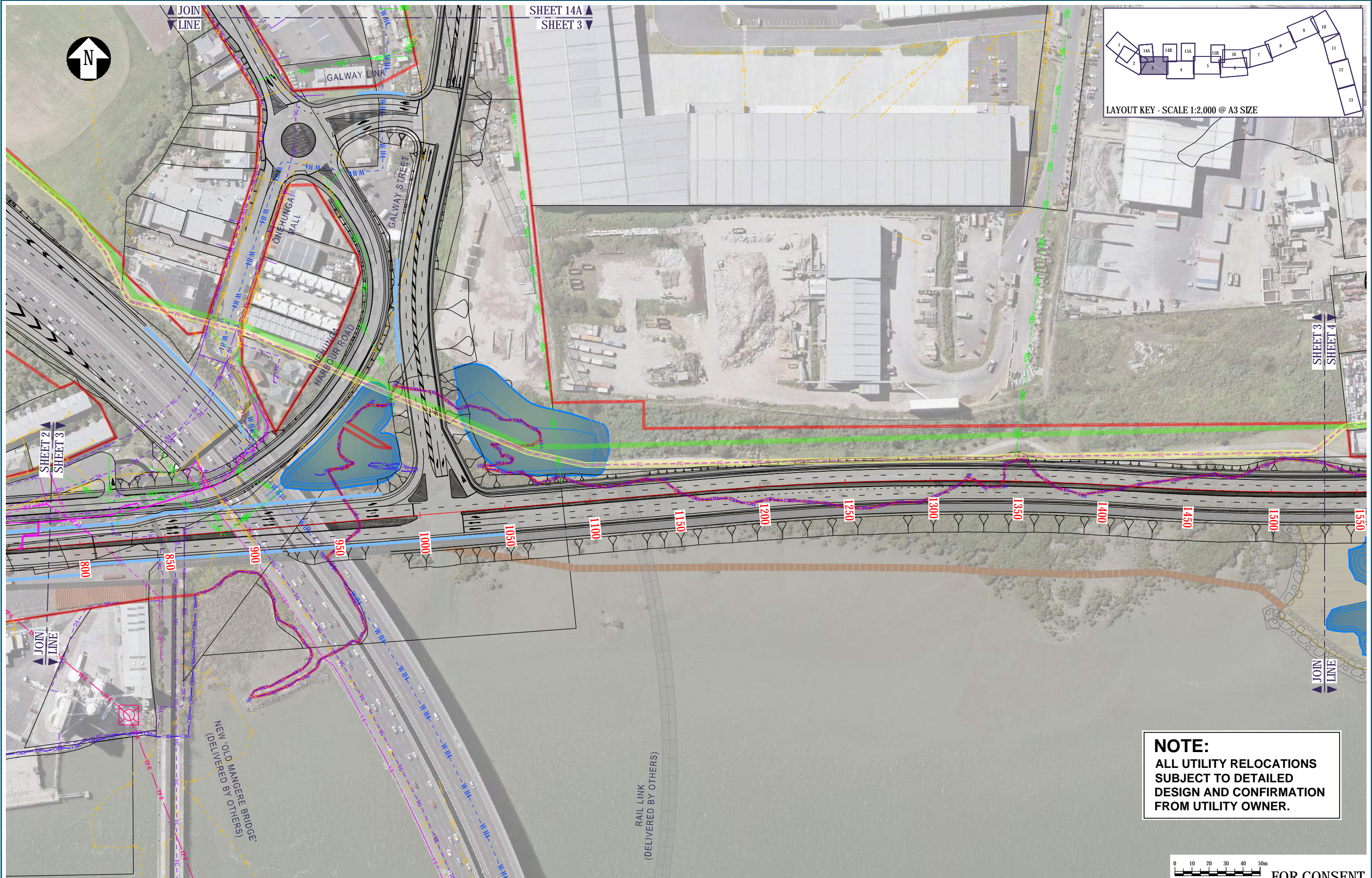
Drawing Title <b>UTILITIES RELOCATION NEILSON STREET INTERCHANGE SHEET 2</b>	Drawing Number AEE-U-102	Rev No. 0
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SHEET 14A  
SHEET 3



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



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DESIGN AND CONFIRMATION  
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SCALE 1:2,000 @ A3 SIZE

FOR CONSENT

0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016
No.	Issued Status	Drawn	Check'd	App'd	Date

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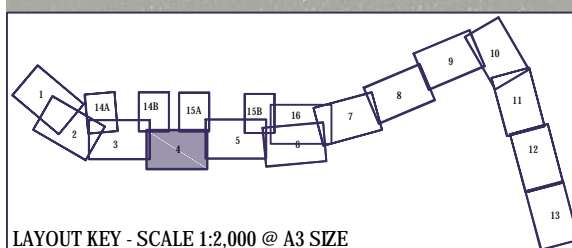

Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title UTILITIES RELOCATION EAST WEST LINK/ GALWAY STREET SHEET 3	Drawing Number AEE-U-103	Rev No. 0
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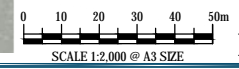


\*\*\*RELOCATE\*\*\*  
 FIRST GAS  
 WESTFIELD-HILLSBOROUGH PIPELINE (219mm OD)  
 TO BE RELOCATED ALONG EMBANKMENT - ALIGNMENT  
 TO BE CONFIRMED

**NOTE:**  
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 DESIGN AND CONFIRMATION  
 FROM UTILITY OWNER.



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



FOR CONSENT

No.	Issued Status	Drawn	Check'd	App'd	Date
0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016

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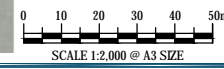
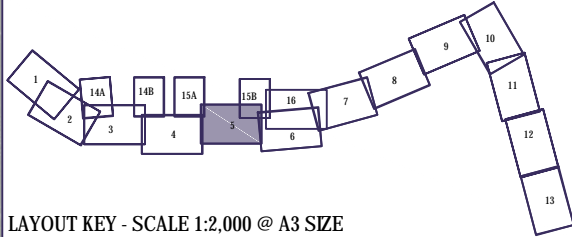
Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title UTILITIES RELOCATION EMBANKMENT SHEET 4	Drawing Number AEE-U-104	Rev No. 0
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\*\*\*RELOCATE\*\*\*  
 FIRST GAS  
 WESTFIELD-HILLSBOROUGH  
 PIPELINE (219mm OD)  
 TO BE RELOCATED ALONG  
 EMBANKMENT - ALIGNMENT  
 TO BE CONFIRMED

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**FOR CONSENT**

No.	Issued Status	Drawn	Check'd	App'd	Date
0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016

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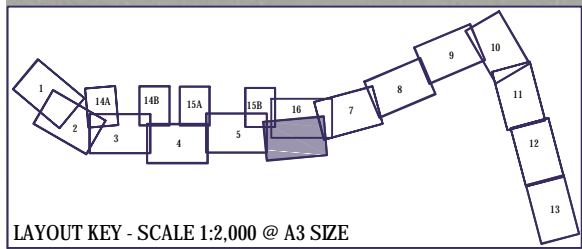
Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title <b>UTILITIES RELOCATION EMBANKMENT SHEET 5</b>	Drawing Number AEE-U-105	Rev No. 0
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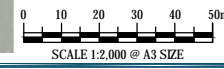


\*\*\*RELOCATION\*\*\*  
 FIRST GAS WESTFIELD-HILLSBOROUGH  
 PIPELINE (219mm OD) TO BE RELOCATED  
 ALONG EMBANKMENT - ALIGNMENT TO BE  
 CONFIRMED

INDICATIVE FIRST GAS  
 ALIGNMENT (TO BE  
 CONFIRMED)



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**FOR CONSENT**

No.	Issued Status	Drawn	Check'd	App'd	Date
0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016

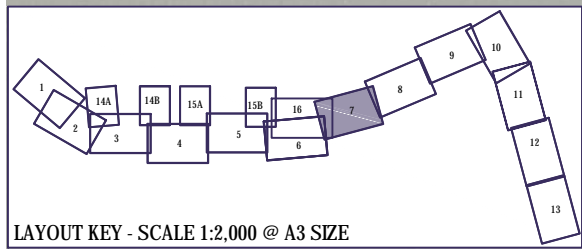
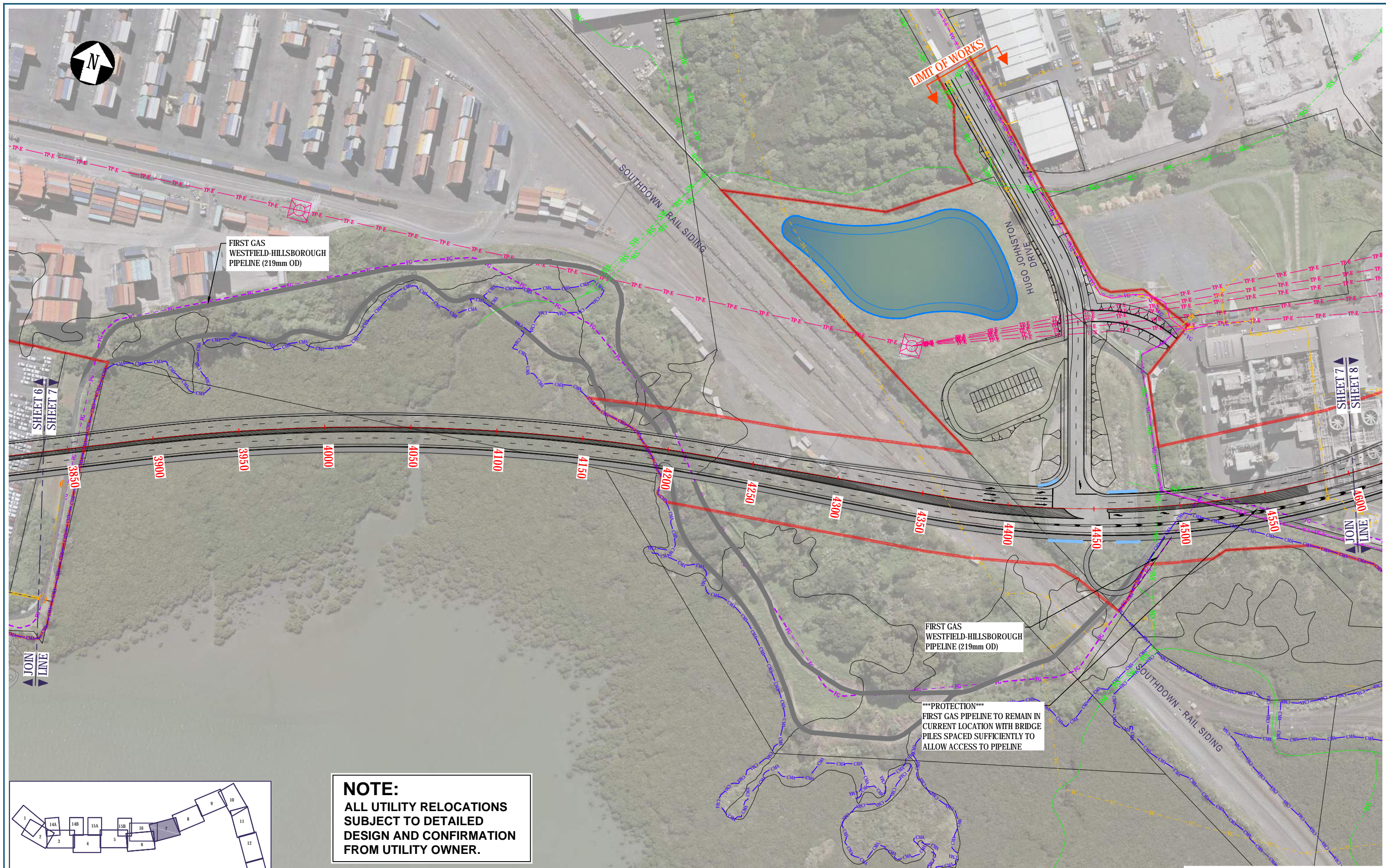
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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title <b>UTILITIES RELOCATION EMBANKMENT/ ANNS CREEK SHEET 6</b>	Drawing Number AEE-U-106	Rev No. 0
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LAYOUT KEY - SCALE 1:2,000 @ A3 SIZE

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

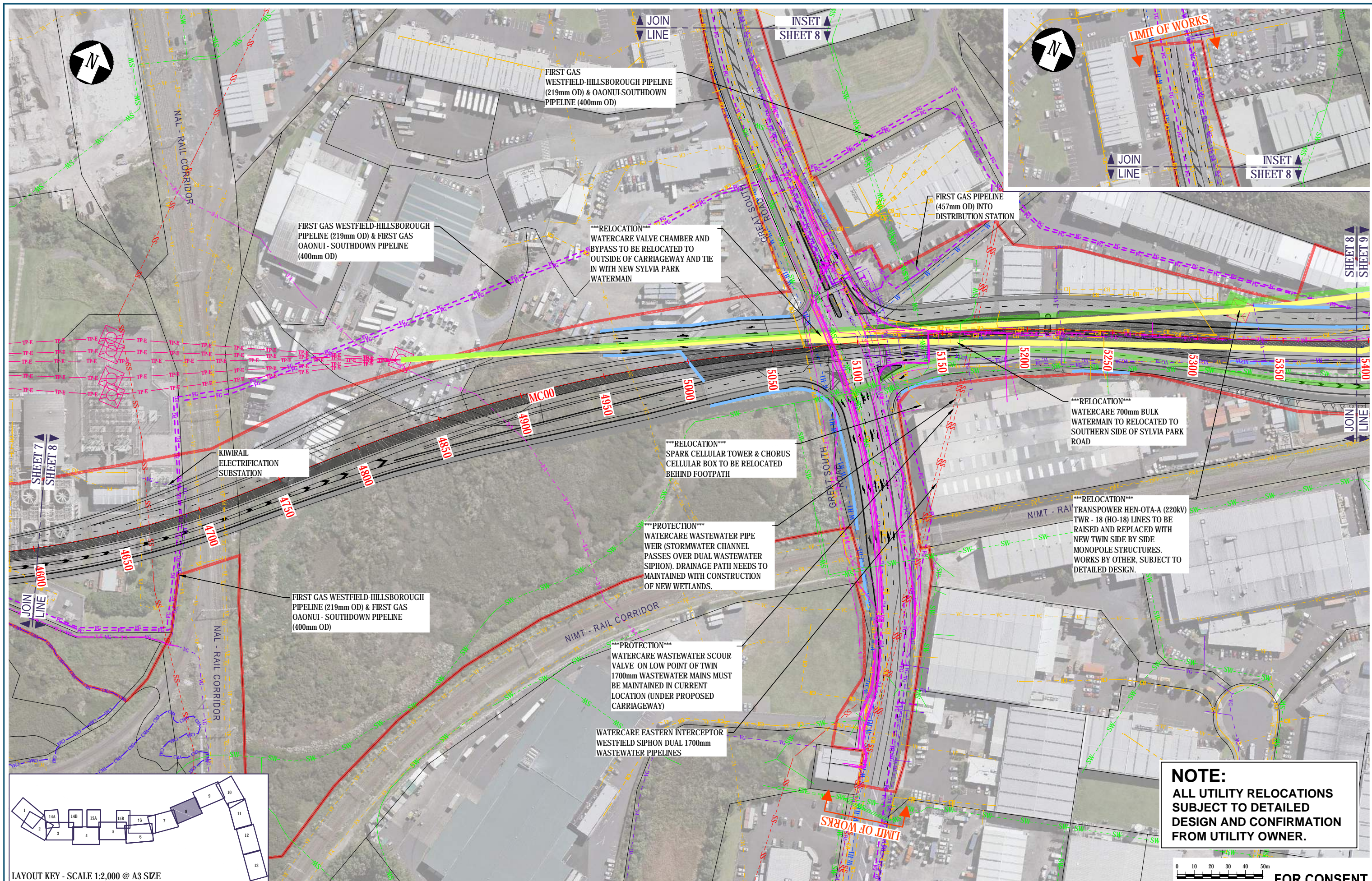
No.	Issued Status	Drawn	Check'd	App'd	Date
1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	JM	NN*	PK*	14/12/2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016

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Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title <b>UTILITIES RELOCATION</b> <b>ANNS CREEK</b> <b>SHEET 7</b>	Drawing Number AEE-U-107	Rev No. 1
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SCALE 1:2,000 @ A3 SIZE **FOR CONSENT**



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

No.	Issued Status	Drawn	Check'd	App'd	Date
1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	AR	NN*	PK*	14/12/2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016

**DISCLAIMER**  
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**East West Link**

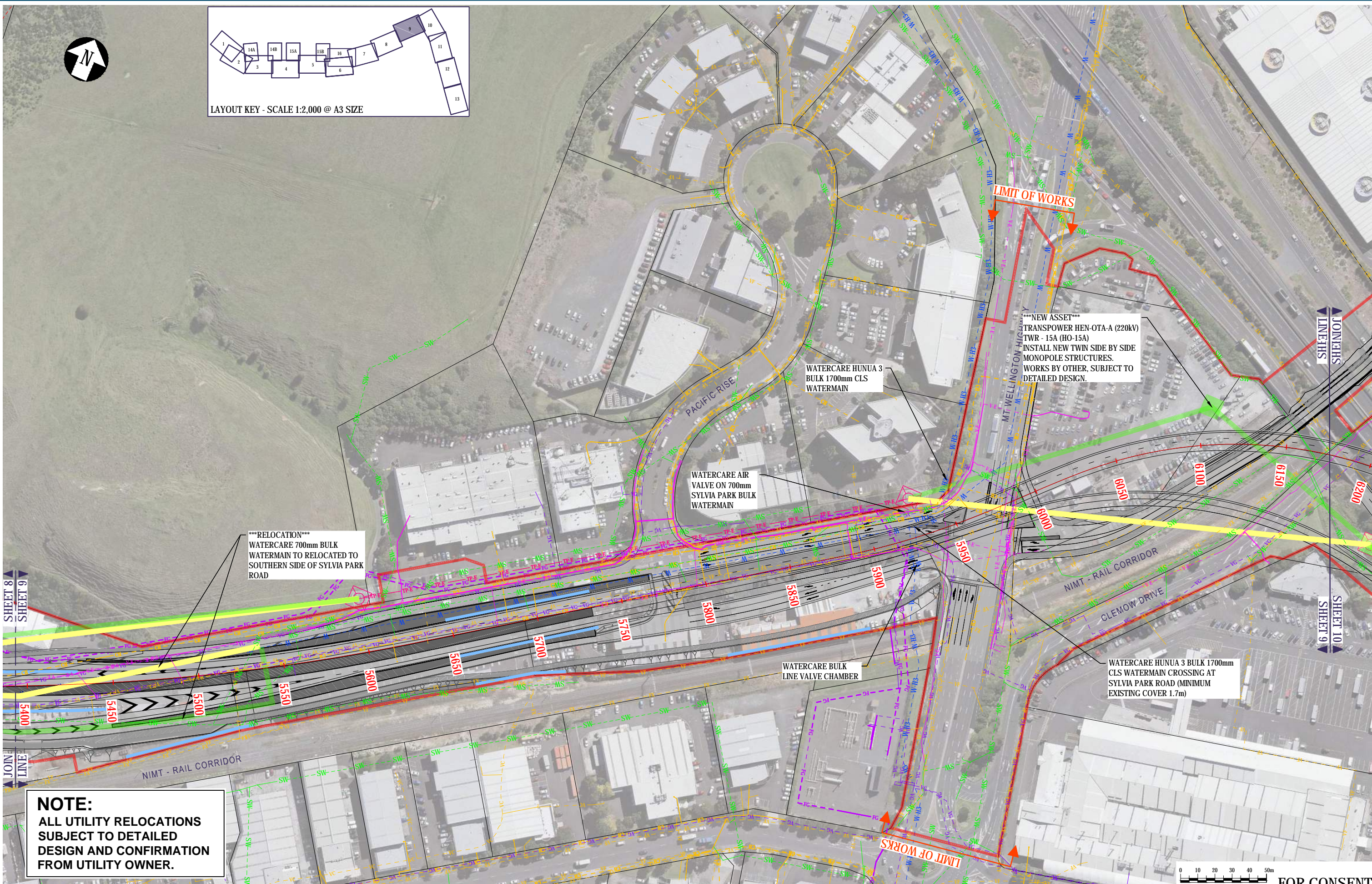
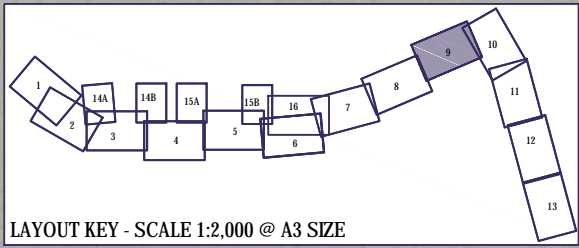
WAKA KOTAHİ

Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	N NANCEKIVELL	Approved	P KELLY
Designed	UTIL. OWNER	Design Check	J MURAHIDY	Date	1/12/16	Contract No	PA4014
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN				

Drawing Title	UTILITIES RELOCATION ANNS CREEK/SYLVIA PARK ROAD SHEET 8		
Drawing Number	AEE-U-108	Rev No.	1

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

SCALE 1:2,000 @ A3 SIZE  
**FOR CONSENT**



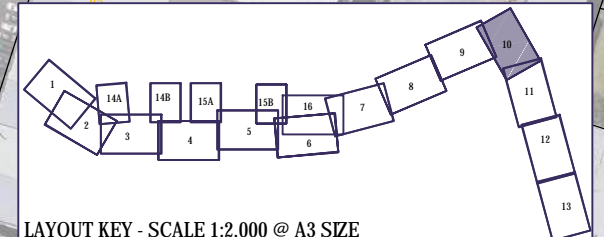
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Designed	UTIL. OWNER	Design Check	J MURAHIDY		N NANCEKIVELL		P KELLY
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	UTILITIES RELOCATION SH1/ SYLVIA PARK RAMPS SHEET 9		
Drawing Number	AEE-U-109		
Rev No.	1		



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

\*\*\*NEW ASSET\*\*\*  
TRANSPOWER HEN-OTA-A (220kV)  
TWR - 15 (HO-15)  
NEW REPLACEMENT TOWER TO BE  
CONSTRUCTED TO MEET  
CLEARANCE OF 11m. TEMPORARY  
DIVERSION STRUCTURES WILL BE  
REQUIRED. WORKS BY OTHERS,  
SUBJECT TO DETAILED DESIGN.

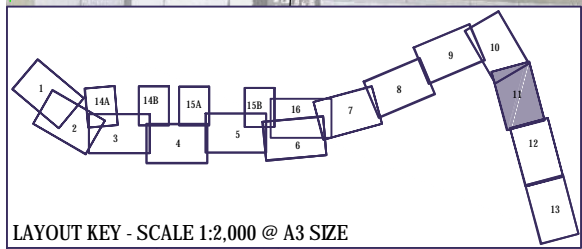
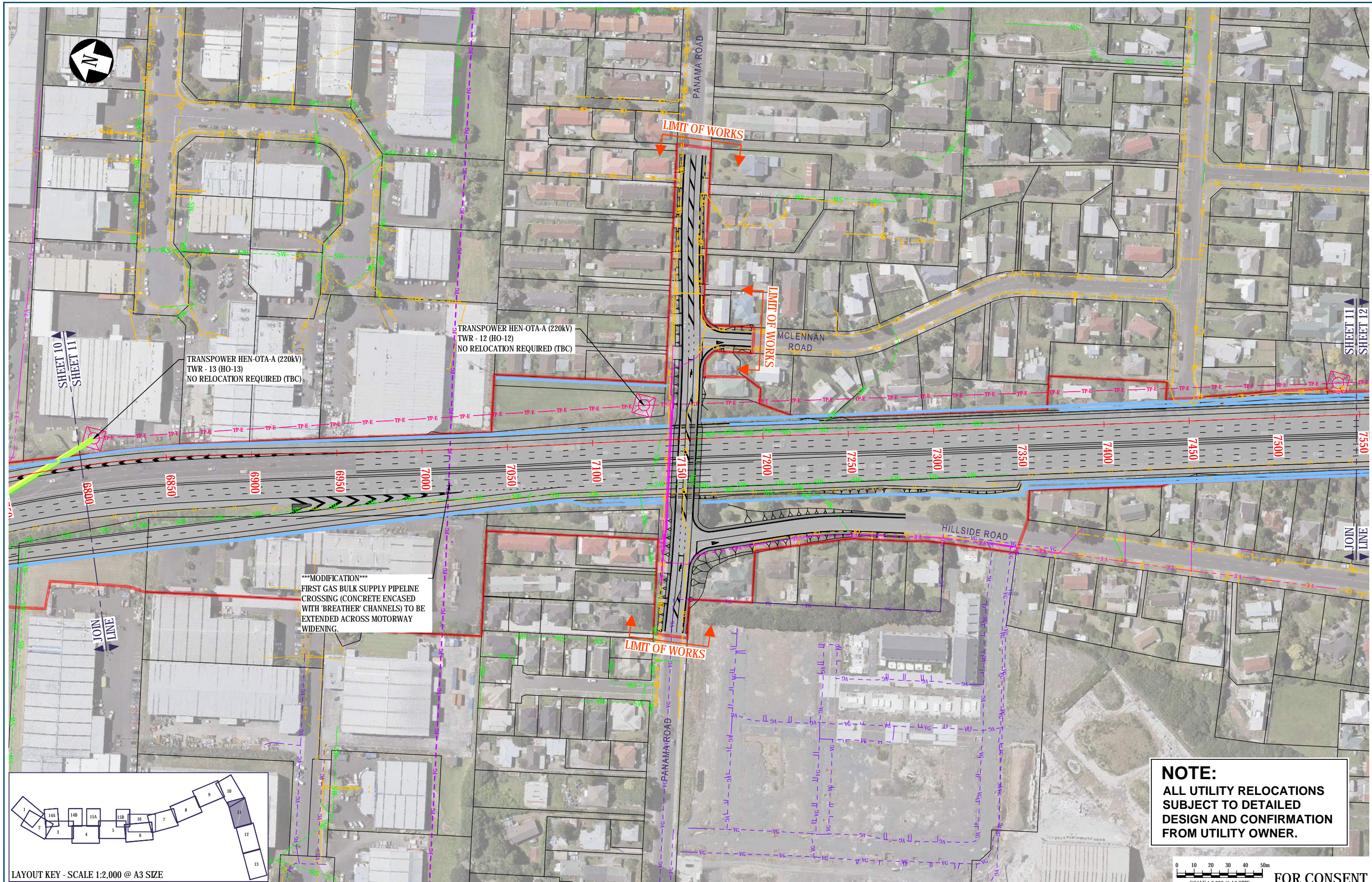
\*\*\*NEW ASSET\*\*\*  
TRANSPOWER HEN-OTA-A (220kV)  
TWR - 14 (HO-14)  
PYLON TO BE REPLACED WITH NEW  
TWIN SIDE BY SIDE MONOPOLE  
STRUCTURE OFFSET FROM CURRENT  
LOCATION. WORKS BY OTHERS,  
SUBJECT TO DETAILED DESIGN.

No.	Issued Status	Drawn	Check'd	App'd	Date
0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016

**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 MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title: UTILITIES RELOCATION SH1/ SYLVIA PARK RAMPS SHEET 10	Drawing Number AEE-U-110	Rev No. 0
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**NOTE:**  
 ALL UTILITY RELOCATIONS  
 SUBJECT TO DETAILED  
 DESIGN AND CONFIRMATION  
 FROM UTILITY OWNER.

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

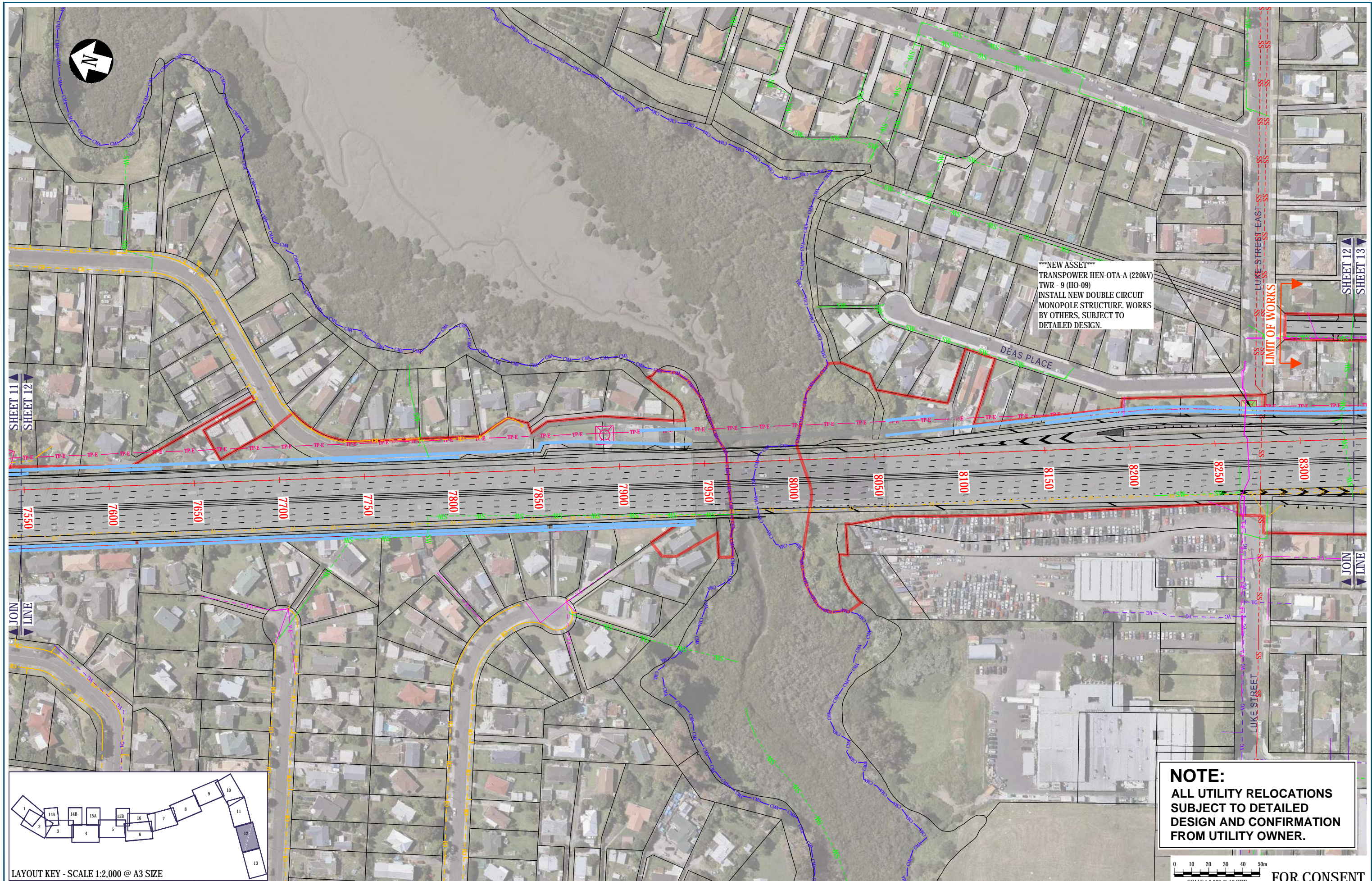
No.	Issued Status	Drawn	Check'd	App'd	Date
0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016

**DISCLAIMER**  
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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

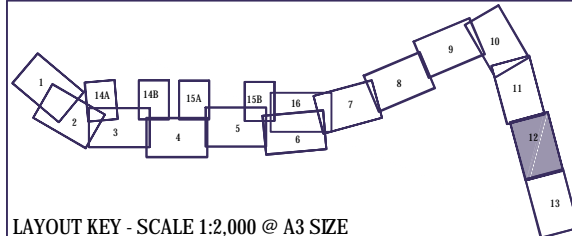
Drawing Title UTILITIES RELOCATION SH1/ PANAMA ROAD SHEET 11	Drawing Number AEE-U-111	Rev No. 0
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SCALE 1:2,000 @ A3 SIZE **FOR CONSENT**



\*\*\*NEW ASSET\*\*\*  
 TRANSPOWER HEN-OTA-A (220KV)  
 TWR - 9 (HO-09)  
 INSTALL NEW DOUBLE CIRCUIT  
 MONOPOLE STRUCTURE. WORKS  
 BY OTHERS, SUBJECT TO  
 DETAILED DESIGN.

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



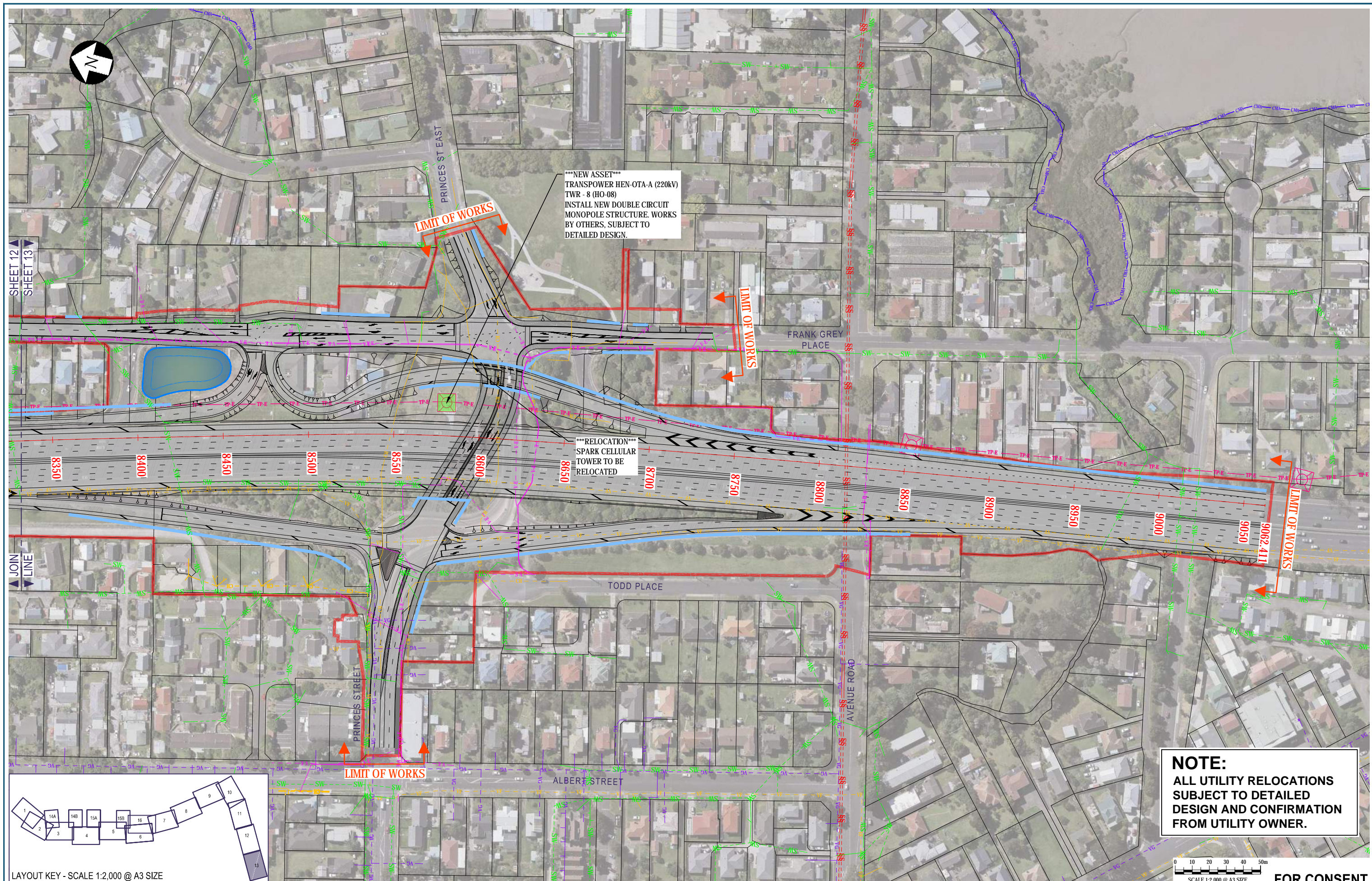
LAYOUT KEY - SCALE 1:2,000 @ A3 SIZE

No.	Issued Status	Drawn	Check'd	App'd	Date
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 P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title UTILITIES RELOCATION SH1/ OTAHUHU CREEK SHEET 12	Rev No. 0
Drawing Number AEE-U-112	



\*\*\*NEW ASSET\*\*\*  
 TRANSPOWER HEN-OTA-A (220KV)  
 TWR - 8 (HO-08)  
 INSTALL NEW DOUBLE CIRCUIT  
 MONOPOLE STRUCTURE. WORKS  
 BY OTHERS, SUBJECT TO  
 DETAILED DESIGN.

\*\*\*RELOCATION\*\*\*  
 SPARK CELLULAR  
 TOWER TO BE  
 RELOCATED

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

SHEET 12  
 SHEET 13

JOIN  
 LINE

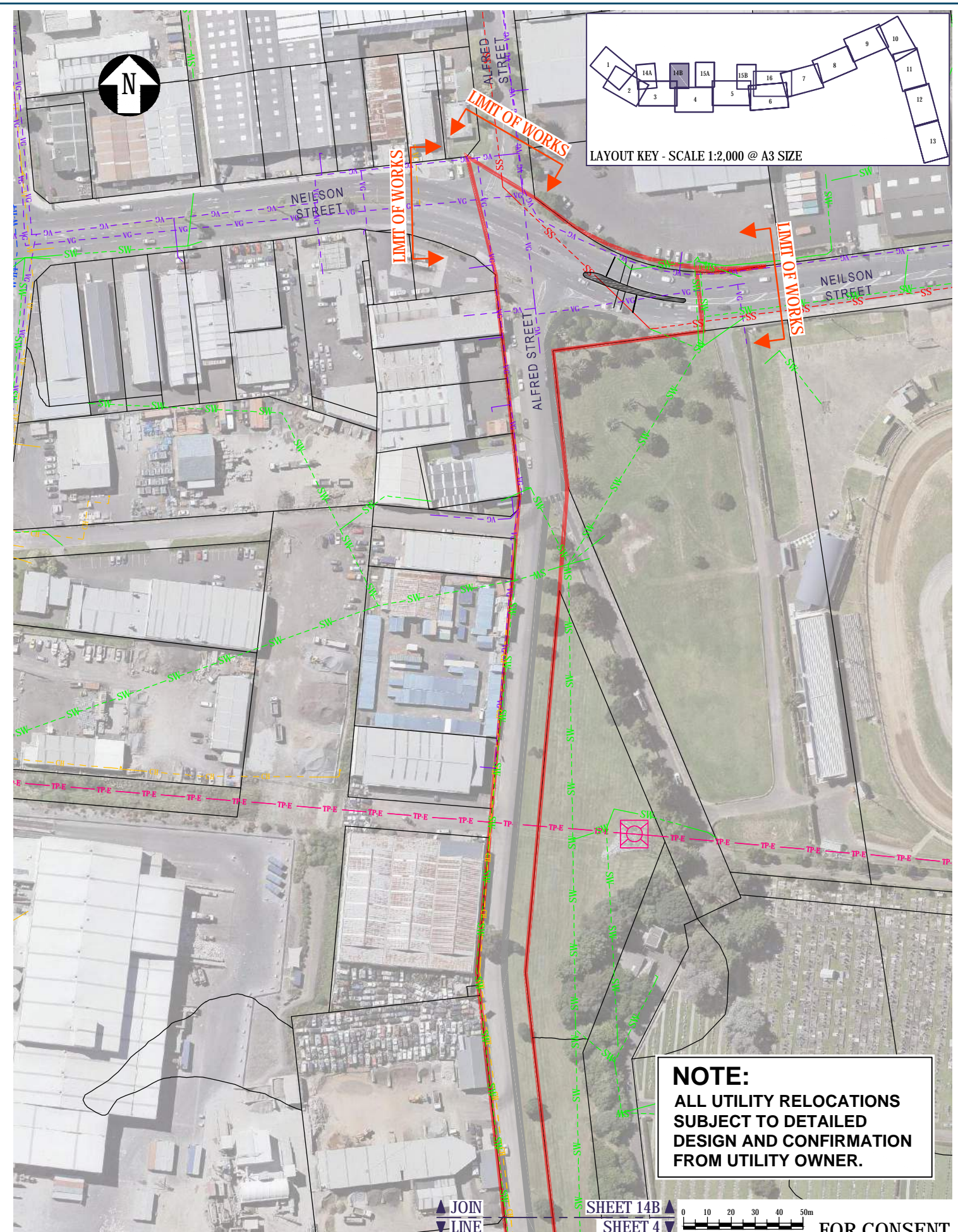
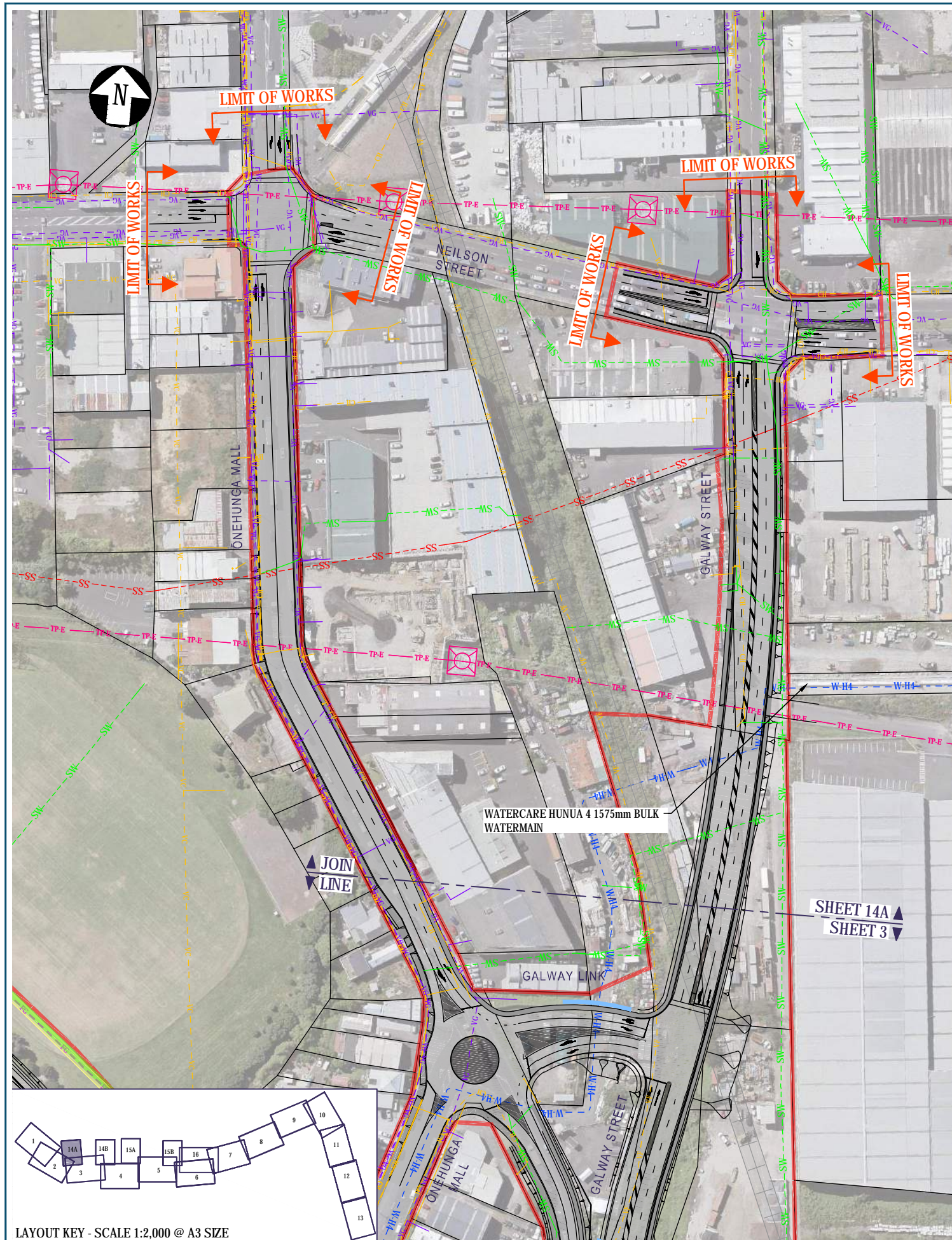
LAYOUT KEY - SCALE 1:2,000 @ A3 SIZE

No.	Issued Status	Drawn	Check'd	App'd	Date
0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016

**DISCLAIMER**  
 This drawing is prepared under the Resource Management Act 1991 (RMA) for resource consent and designations. It is not to be used for construction. 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 MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title UTILITIES RELOCATION PRINCES STREET INTERCHANGE SHEET 13	Drawing Number AEE-U-113	Rev No. 0
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LAYOUT KEY - SCALE 1:2,000 @ A3 SIZE

No.	Issued Status	Drawn	Check'd	App'd	Date
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 P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title <b>UTILITIES RELOCATION NEILSON STREET INTERCHANGE - LOCAL ROAD SHEET 14A AND 14B</b>	Drawing Number AEE-U-114	Rev No. 0
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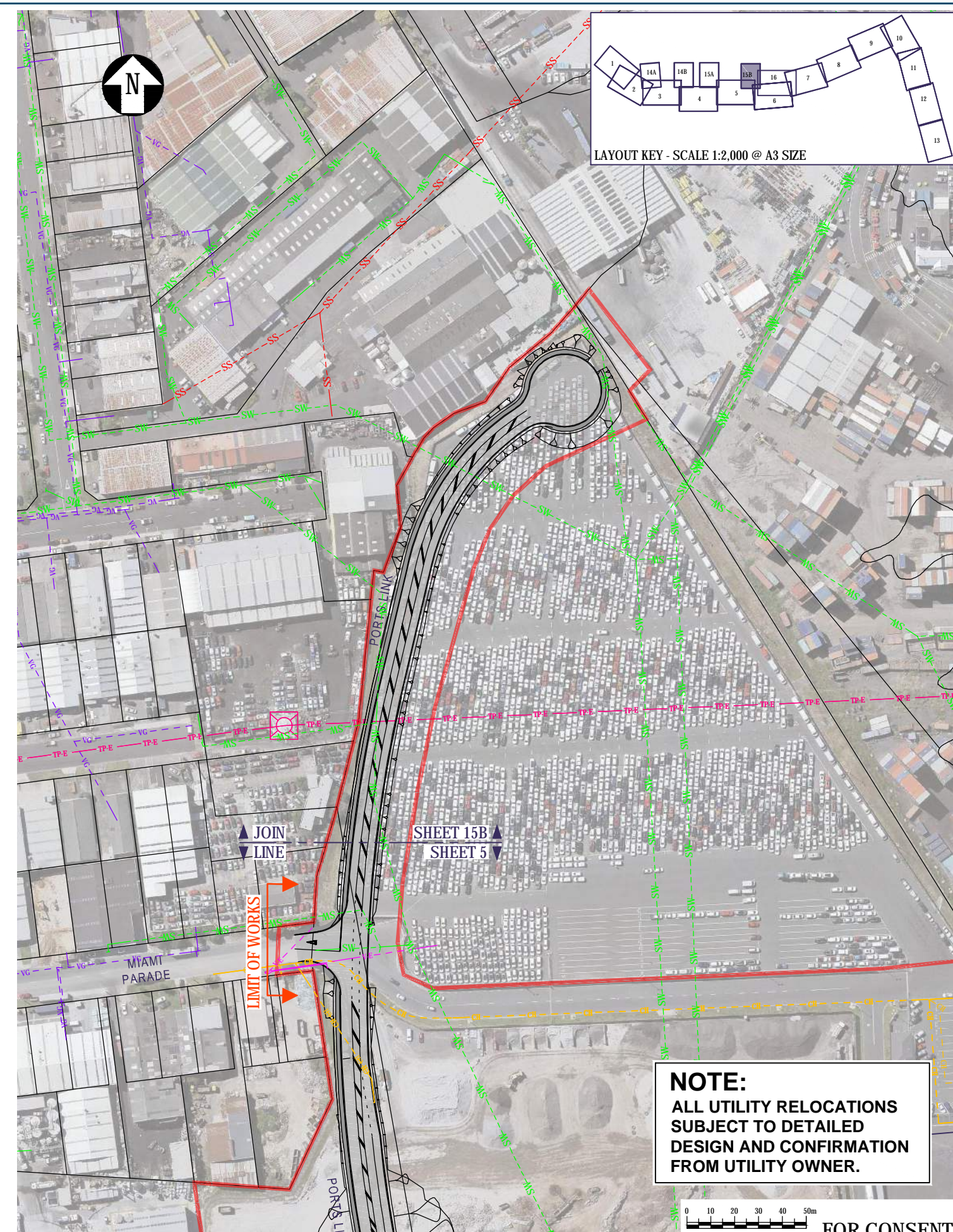




LAYOUT KEY - SCALE 1:2,000 @ A3 SIZE

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	P KELLY
Designed	UTIL. OWNER	Design Check	J MURAHIDY	Design Manager	1/12/16	Alliance Manager	1/12/16
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	UTILITIES RELOCATION CAPTAIN SPRINGS ROAD/ PORTS LINK SHEET 15A AND 15B		
Drawing Number	AEE-U-115	Rev No.	0



0	ISSUED FOR CONSENT	AR	NN*	PK*	01/12/2016
No.	Issued Status	Drawn	Check'd	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

**East West Link**

Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager P KELLY
Designed UTIL. OWNER	Design Check J MURAHIDY	1/12/16	1/12/16
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title: <b>UTILITIES RELOCATION EMBANKMENT SHEET 16</b>	Drawing Number: AEE-U-116	Rev No. 0
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**NOTE:**  
 ALL UTILITY RELOCATIONS  
 SUBJECT TO DETAILED  
 DESIGN AND CONFIRMATION  
 FROM UTILITY OWNER.

0 10 20 30 40 50m  
 SCALE 1:2,000 @ A3 SIZE

**FOR CONSENT**