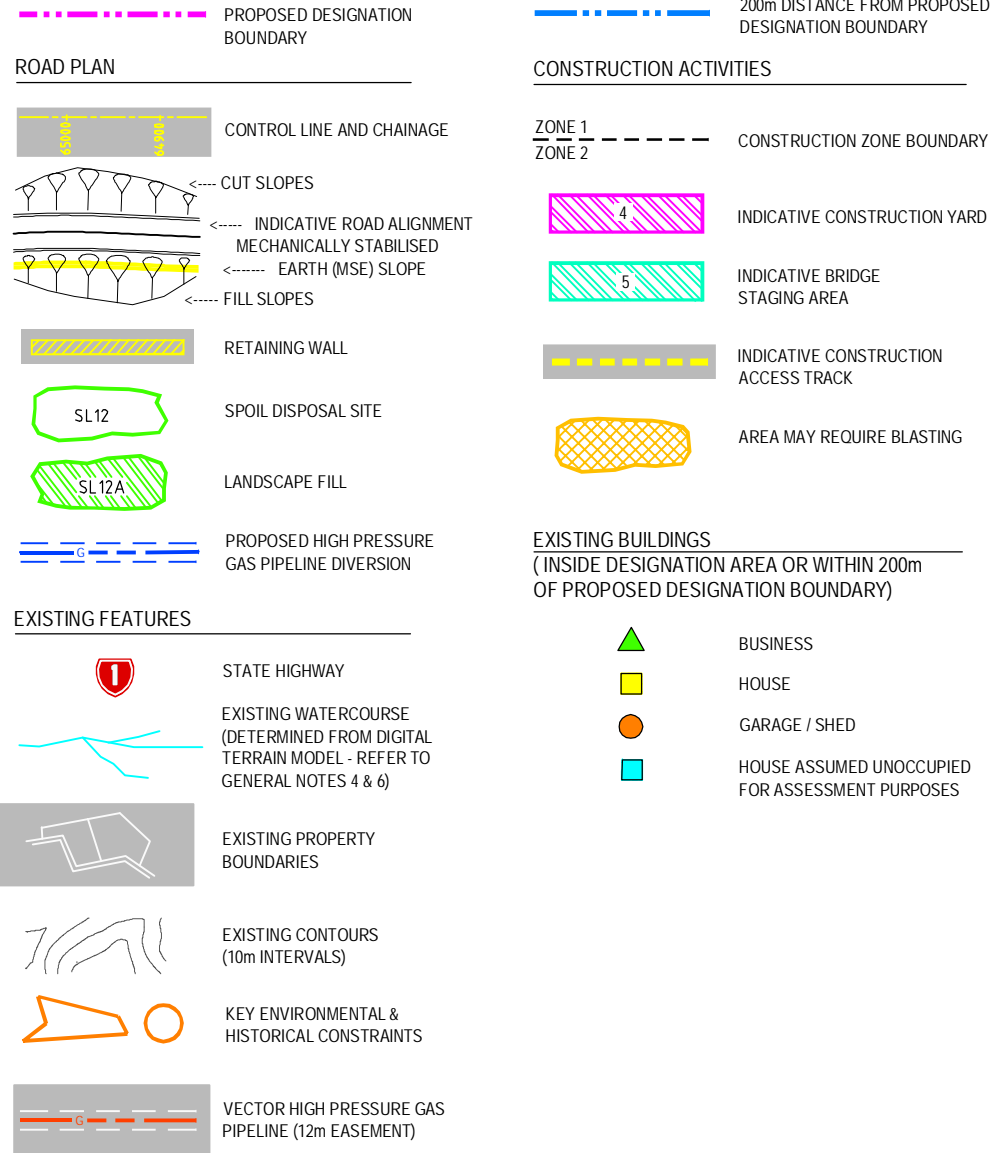


DRWG No.	DRAWING TITLE
C-001	CONSTRUCTION ACTIVITIES - DRAWING INDEX, GENERAL NOTES AND LEGEND
C-100	CONSTRUCTION ACTIVITIES - SHEET LAYOUT
C-101	CONSTRUCTION ACTIVITIES - SHEET 1 OF 17
C-102	CONSTRUCTION ACTIVITIES - SHEET 2 OF 17
C-103	CONSTRUCTION ACTIVITIES - SHEET 3 OF 17
C-104	CONSTRUCTION ACTIVITIES - SHEET 4 OF 17
C-105	CONSTRUCTION ACTIVITIES - SHEET 5 OF 17
C-106	CONSTRUCTION ACTIVITIES - SHEET 6 OF 17
C-107	CONSTRUCTION ACTIVITIES - SHEET 7 OF 17
C-108	CONSTRUCTION ACTIVITIES - SHEET 8 OF 17
C-109	CONSTRUCTION ACTIVITIES - SHEET 9 OF 17
C-110	CONSTRUCTION ACTIVITIES - SHEET 10 OF 17
C-111	CONSTRUCTION ACTIVITIES - SHEET 11 OF 17
C-112	CONSTRUCTION ACTIVITIES - SHEET 12 OF 17
C-113	CONSTRUCTION ACTIVITIES - SHEET 13 OF 17
C-114	CONSTRUCTION ACTIVITIES - SHEET 14 OF 17
C-115	CONSTRUCTION ACTIVITIES - SHEET 15 OF 17
C-116	CONSTRUCTION ACTIVITIES - SHEET 16 OF 17
C-117	CONSTRUCTION ACTIVITIES - SHEET 17 OF 17

## GENERAL LEGEND



## GENERAL NOTES

1. ALL MEASUREMENTS ARE IN METRES UNLESS OTHERWISE STATED.
2. ALL NAMED ROADS SHALL BE ASSUMED TO BE PUBLIC UNLESS STATED OTHERWISE.
3. AERIAL IMAGE FROM AUCKLAND COUNCIL AERIAL SURVEY, 2012.
4. DIGITAL TERRAIN MODEL DERIVED FROM AERIAL PHOTOGRAMETRIC SURVEY (MARCH 2010) TO NZTM PROJECTION.
5. EXISTING PROPERTY BOUNDARIES SOURCED FROM LINZ, APRIL 2013 UPDATE.
6. DOES NOT DIFFERENTIATE BETWEEN INTERMITTENT AND PERMANENT STREAM, REFER TO DRAWING FE-101.

0	30/08/13	MC	MW	TI	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REVD D. MGR	APPD A. MGR	PURPOSE OF ISSUE / AMENDMENT



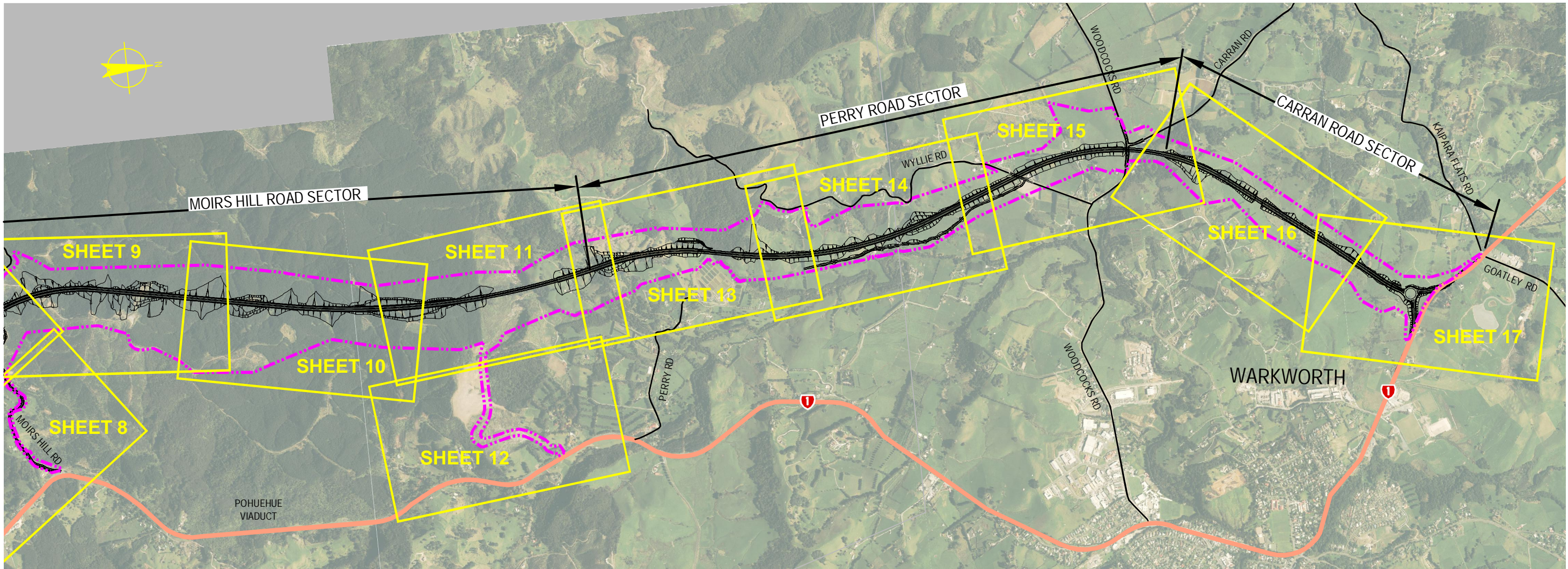
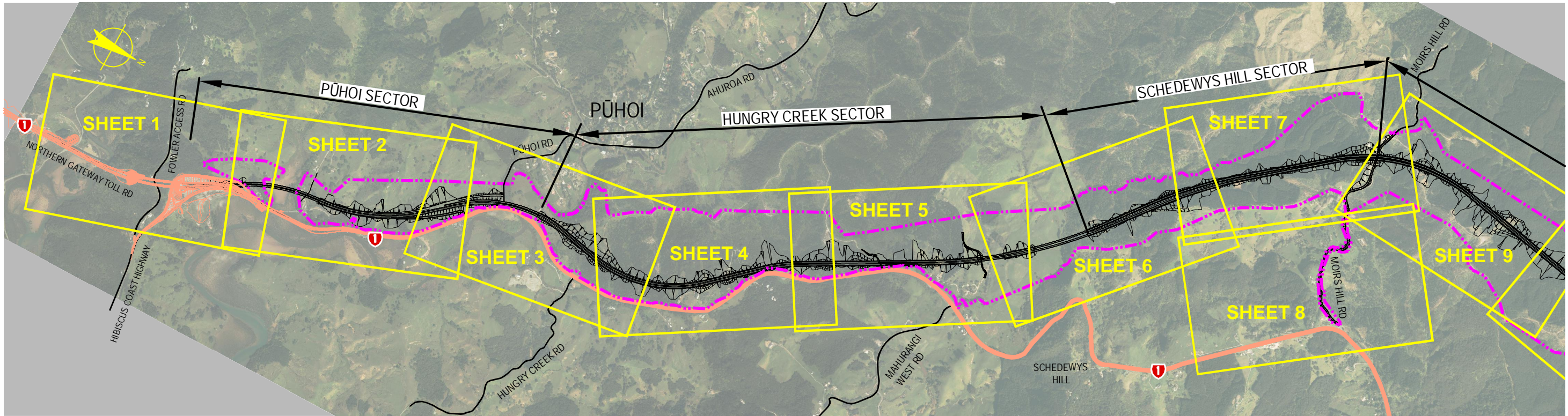
**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SNP	DRAFTING CHECK SD	REVIEWED DISCIPLINE MANAGER	APPROVED ALLIANCE MANAGER
DESIGNED SD	DESIGN REVIEW MC	MW	TI

CONSTRUCTION ACTIVITIES DRAWING INDEX, GENERAL NOTES AND LEGEND			
SCALE NOT TO SCALE	CONTRACT No PA3748	DRAWING No C-001	AMDT 0



S:\Further North - PAA\3300 Design\3300.5 Technical\01-Drawing Production\CADD Drawings\C-100.dwg Plot Date: 17 August, 2013 - 11:42 AM



0	30/08/13	MC	MW	TI	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APP'D A. MGR	PURPOSE OF ISSUE / AMENDMENT



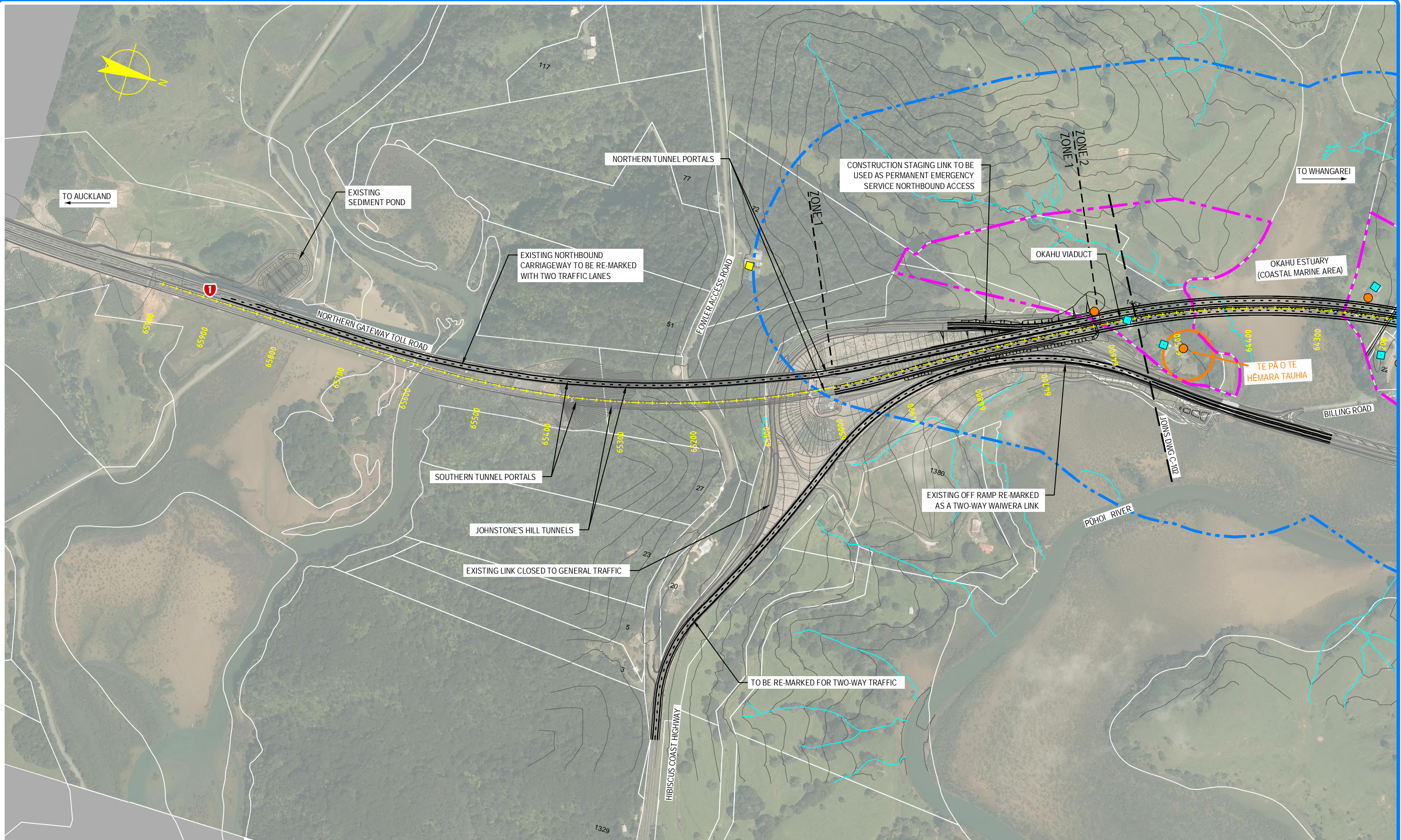
**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN: SP	DRAFTING CHECK: SD	REVIEWED DISCIPLINE MANAGER: MW	APPROVED ALLIANCE MANAGER: TI
DESIGNED: SD	DESIGN REVIEW: MC		

CONSTRUCTION ACTIVITIES SHEET LAYOUT			
SCALE: NOT TO SCALE	CONTRACT No: PA3748	DRAWING No: C-100	AMDT: 0



S:\Further North - PAA\3300 Design\3300 5 Technical\01-Drawing Production\CADD Drawings\C-101\_C-105.dwg Plot Date: 19 August, 2013 - 10:40 AM



NOTE: FOR GENERAL NOTES AND LEGEND, REFER TO DRAWING C-001

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SCALE 1:5,000 @ A3 SIZE

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AMD	DATE	DESIGN REVIEW	REVD. D. MGR	APPD. A. MGR	PURPOSE OF ISSUE / AMENDMENT



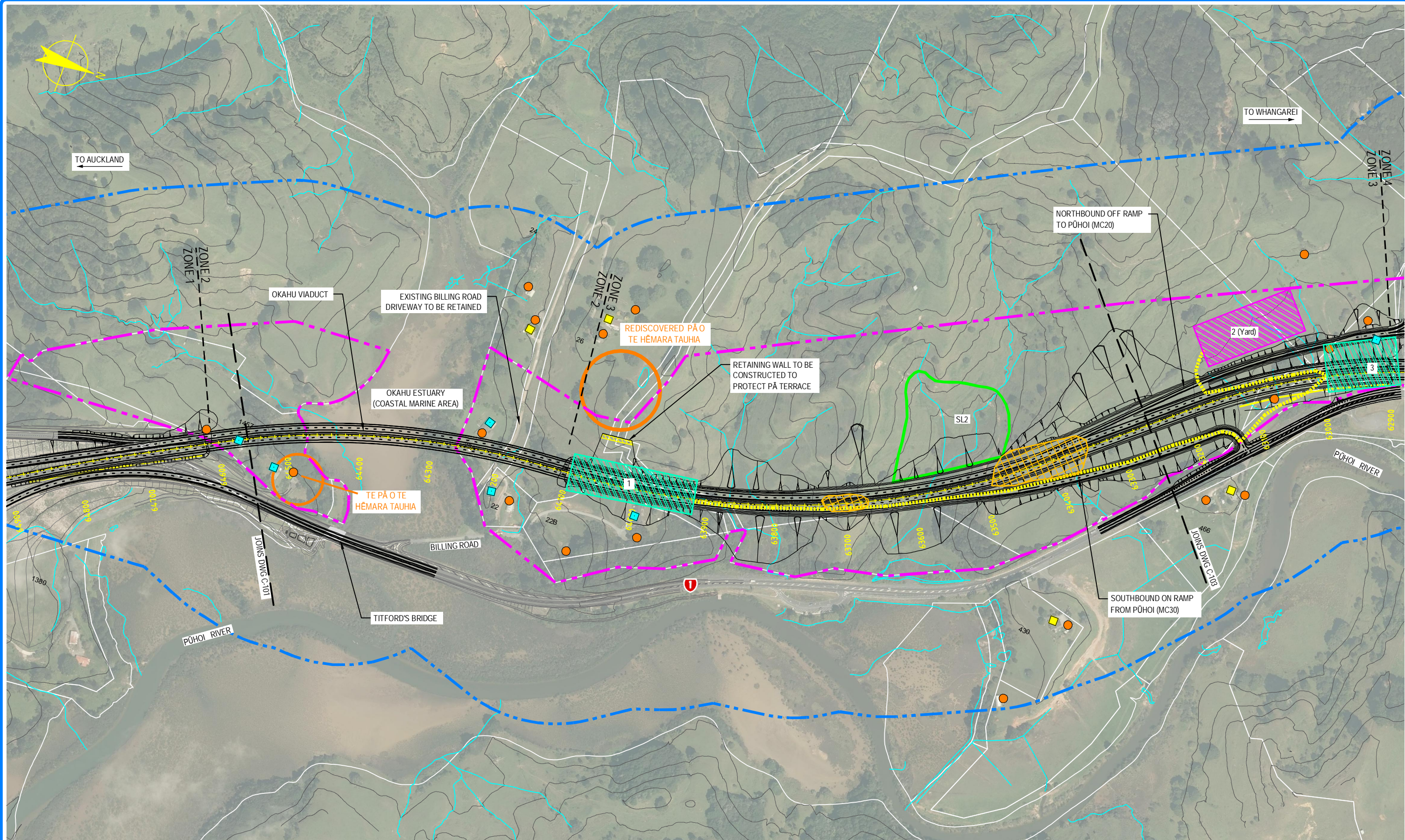
**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SP	DRAFTING CHECK SD	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI
DESIGNED SD	DESIGN REVIEW MC		

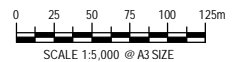
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SCALE AS SHOWN	CONTRACT No PA3748	DRAWING No C-101	AMDT 0



S:\Further North - PAA\3300 Design\3300.5 Technical\01-Drawing Production\CADD Drawings\C-101\_C-105.dwg Plot Date: 19 August, 2013 - 10:42 AM



NOTE: FOR GENERAL NOTES AND LEGEND,  
REFER TO DRAWING C-001



AMT	DATE	DESIGN REVIEW	REVD D. MGR	APPD A. MGR	PURPOSE OF ISSUE / AMENDMENT
0	30/08/13	MC	MW	TI	ISSUE FOR NOR / CONSENT



**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD  
PŪHOI TO WARKWORTH - FOR RMA APPROVALS

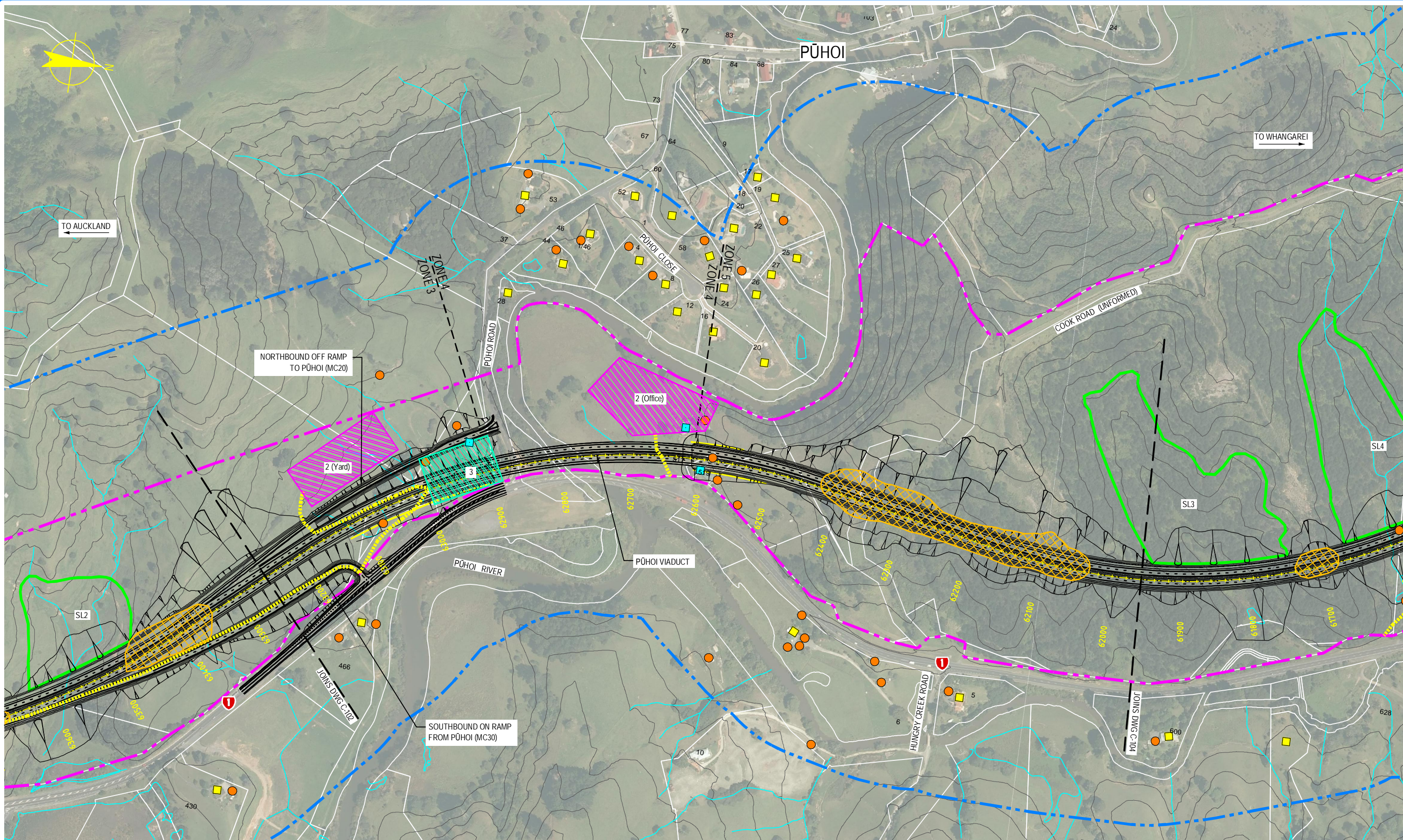
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DESIGNED SD	DESIGN REVIEW MC		

CONSTRUCTION ACTIVITIES  
SHEET 2 OF 17

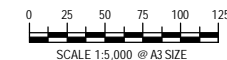
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S:\Further North - PAA\3300 Design\3300 5 Technical\01-Drawing Production\CADD Drawings\C-101\_C-105.dwg Plot Date: 19 August, 2013 - 10:47 AM



NOTE: FOR GENERAL NOTES AND LEGEND,  
REFER TO DRAWING C-001



0	30/08/13	MC	MW	TI	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APP'D A. MGR	PURPOSE OF ISSUE / AMENDMENT



**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD  
**PŪHOI TO WARKWORTH - FOR RMA APPROVALS**

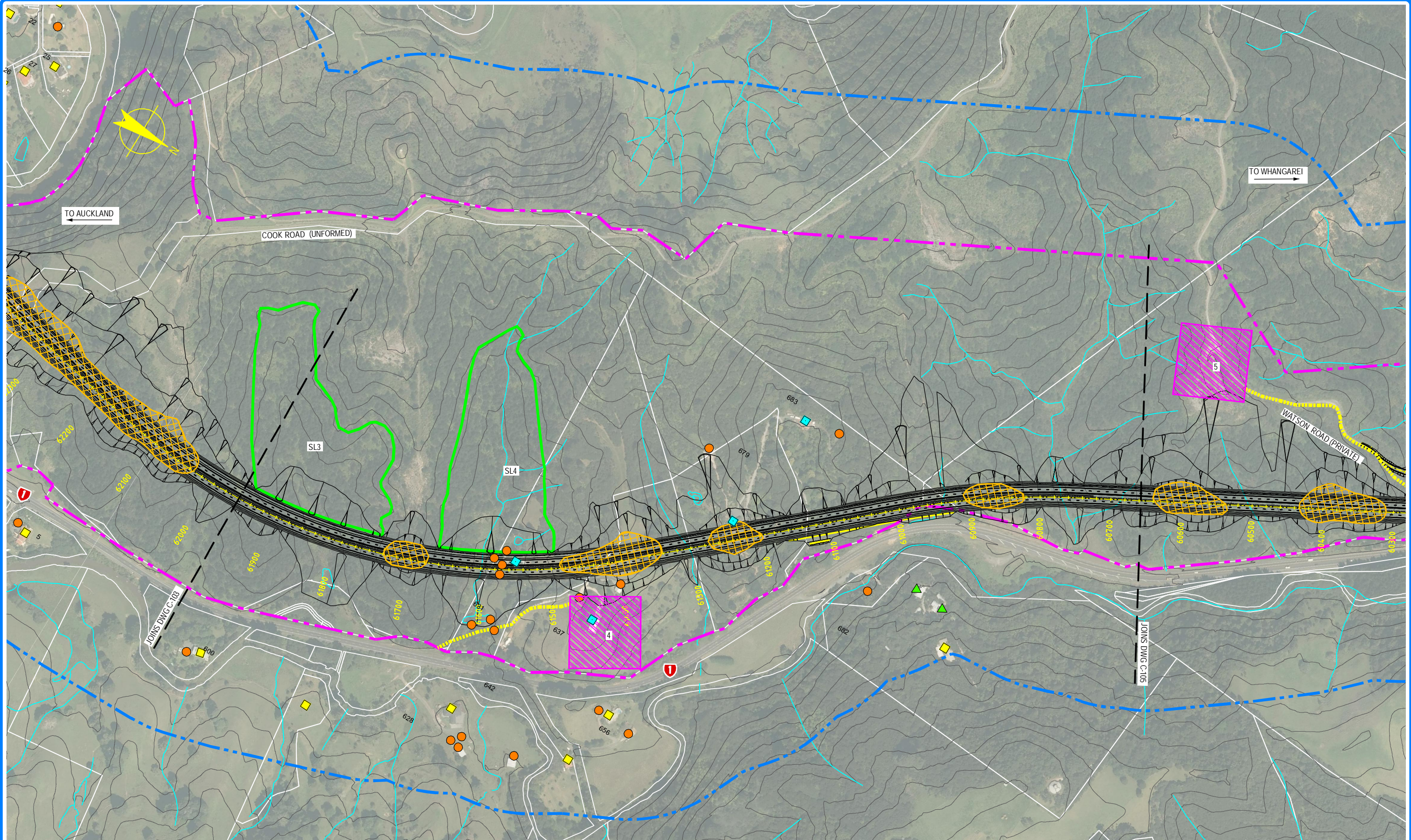
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DESIGNED SD	DESIGN REVIEW MC		

**CONSTRUCTION ACTIVITIES  
SHEET 3 OF 17**

SCALE AS SHOWN	CONTRACT No PA3748	DRAWING No C-103	AMDT 0
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S:\Further North - PAA\3300 Design\3300 5 Technical\01-Drawing Production\CADD Drawings\C-101\_C-105.dwg Plot Date: 19 August, 2013 - 10:54 AM



NOTE: FOR GENERAL NOTES AND LEGEND,  
REFER TO DRAWING C-001



0	30/08/13	MC	MW	TI	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REVD D. MGR	APPD A. MGR	PURPOSE OF ISSUE / AMENDMENT



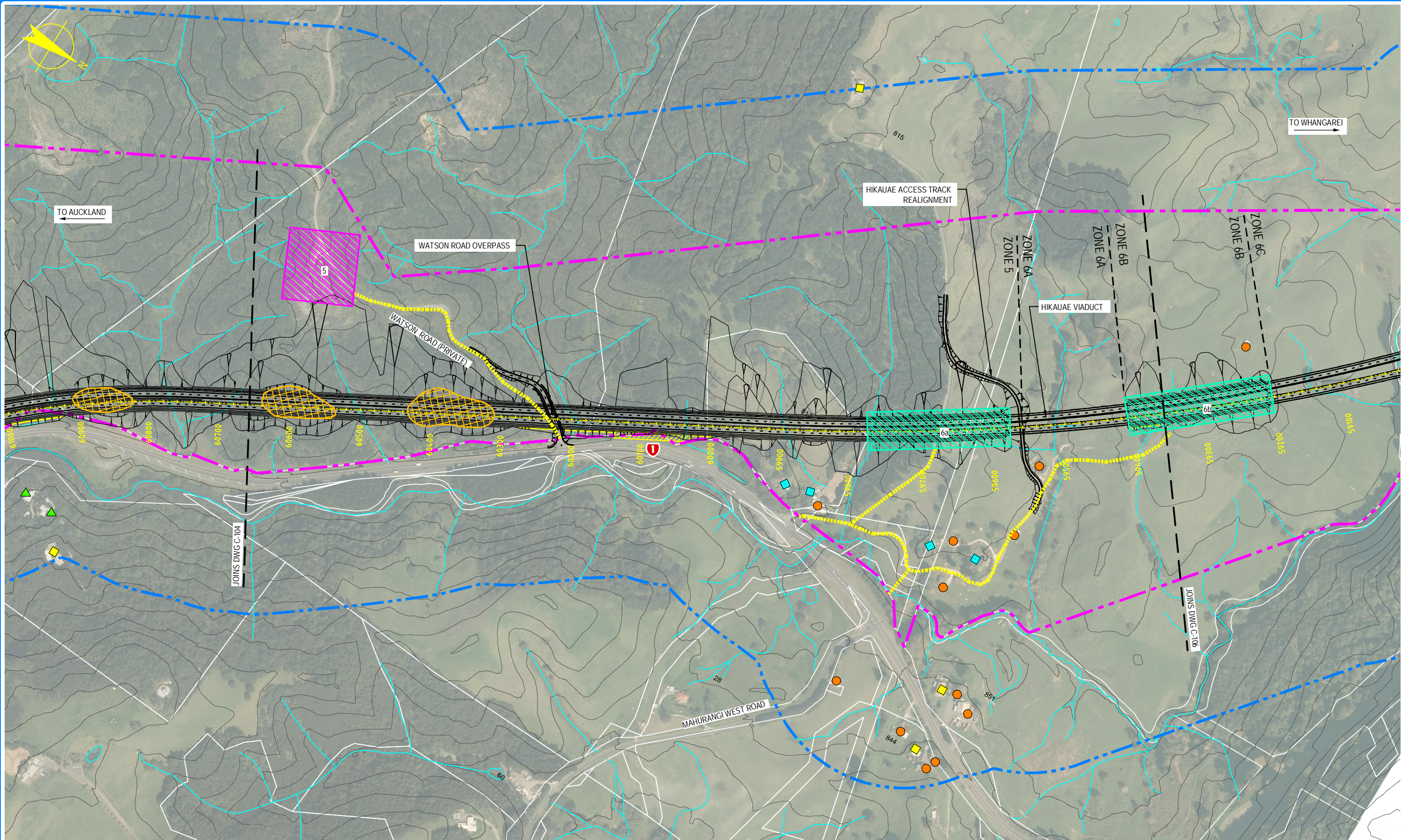
**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SP	DRAFTING CHECK SD	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI
DESIGNED SD	DESIGN REVIEW MC		

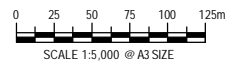
CONSTRUCTION ACTIVITIES SHEET 4 OF 17			
SCALE AS SHOWN	CONTRACT No PA3748	DRAWING No C-104	AMDT 0



S:\Further North - PAA\3300 Design\3300.5 Technical\01-Drawing Production\CAADD Drawings\C-101\_C-105.dwg Plot Date: 19 August, 2013 - 10:57 AM



NOTE: FOR GENERAL NOTES AND LEGEND,  
REFER TO DRAWING C-001



0	30/08/13	MC	MW	TI	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REVD. D. MGR	APPD. A. MGR	PURPOSE OF ISSUE / AMENDMENT



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ARA TŪHONO - PŪHOI TO WELLSFORD  
PŪHOI TO WARKWORTH - FOR RMA APPROVALS

DRAWN SP	DRAFTING CHECK SD	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI
DESIGNED SD	DESIGN REVIEW MC		

CONSTRUCTION ACTIVITIES  
SHEET 5 OF 17

SCALE AS SHOWN	CONTRACT No PA3748	DRAWING No C-105	AMDT 0
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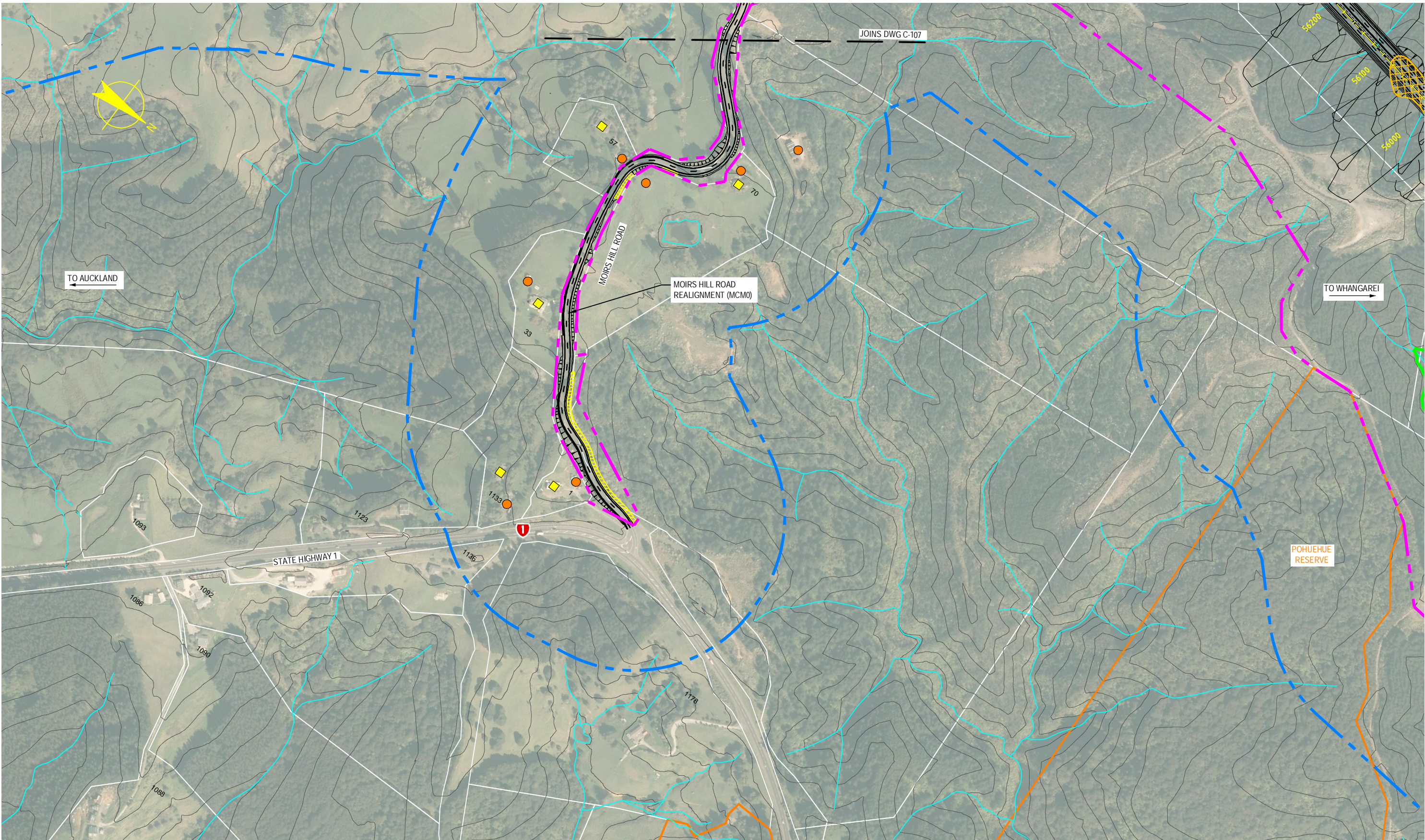








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AMD	DATE	DESIGN REVIEW	REVD D. MGR	APPD A. MGR	PURPOSE OF ISSUE / AMENDMENT



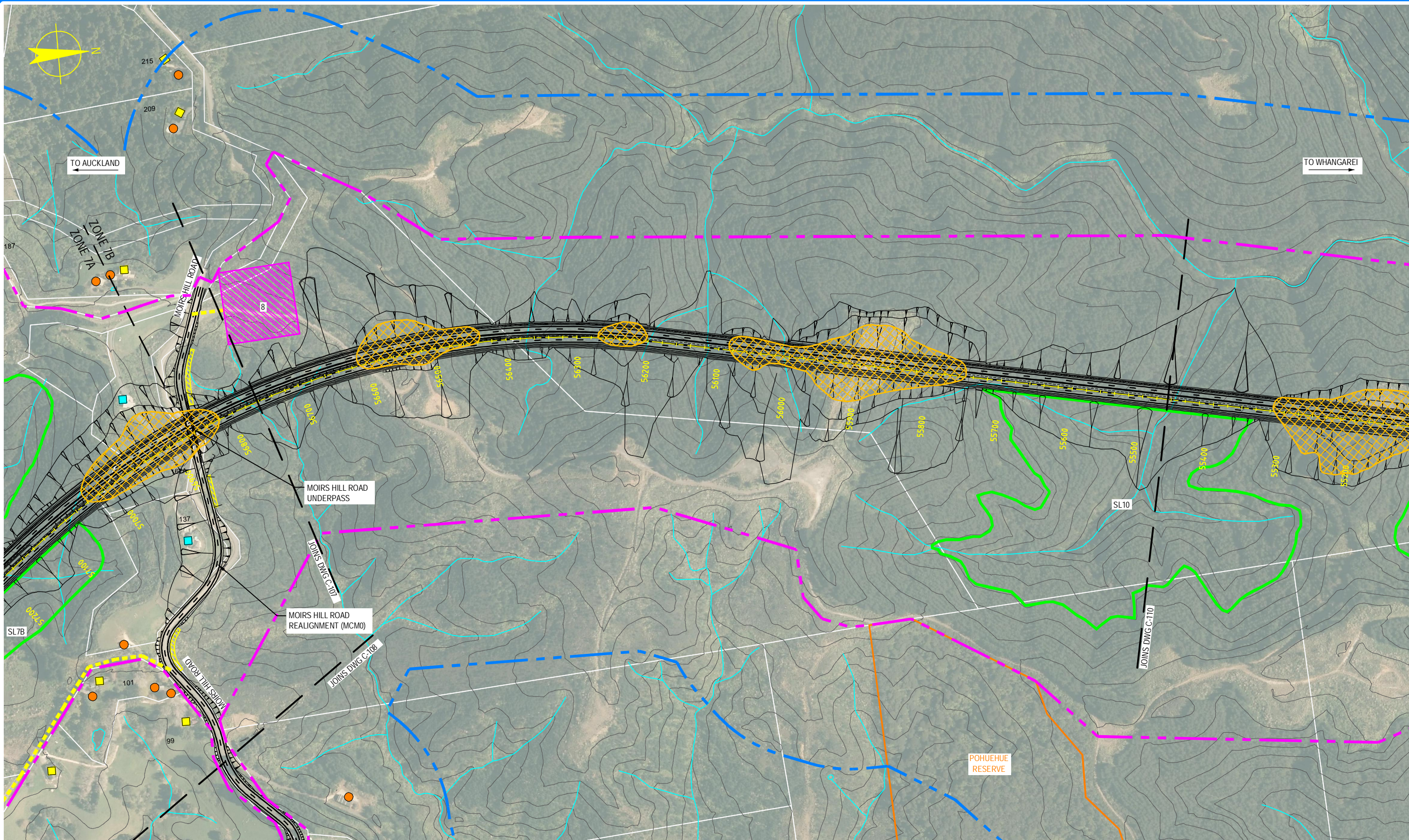
**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SP	DRAFTING CHECK SD	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI
DESIGNED SD	DESIGN REVIEW MC		

CONSTRUCTION ACTIVITIES SHEET 8 OF 17			
SCALE AS SHOWN	CONTRACT No PA3748	DRAWING No C-108	AMDT 0



S:\Further North - PAA\3300 Design\3300.5 Technical\01-Drawing Production\CADD Drawings\C-106\_C-112.dwg Plot Date: 19 August, 2013 - 11:29 AM



NOTE: FOR GENERAL NOTES AND LEGEND, REFER TO DRAWING C-001

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AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APP'D A. MGR	PURPOSE OF ISSUE / AMENDMENT



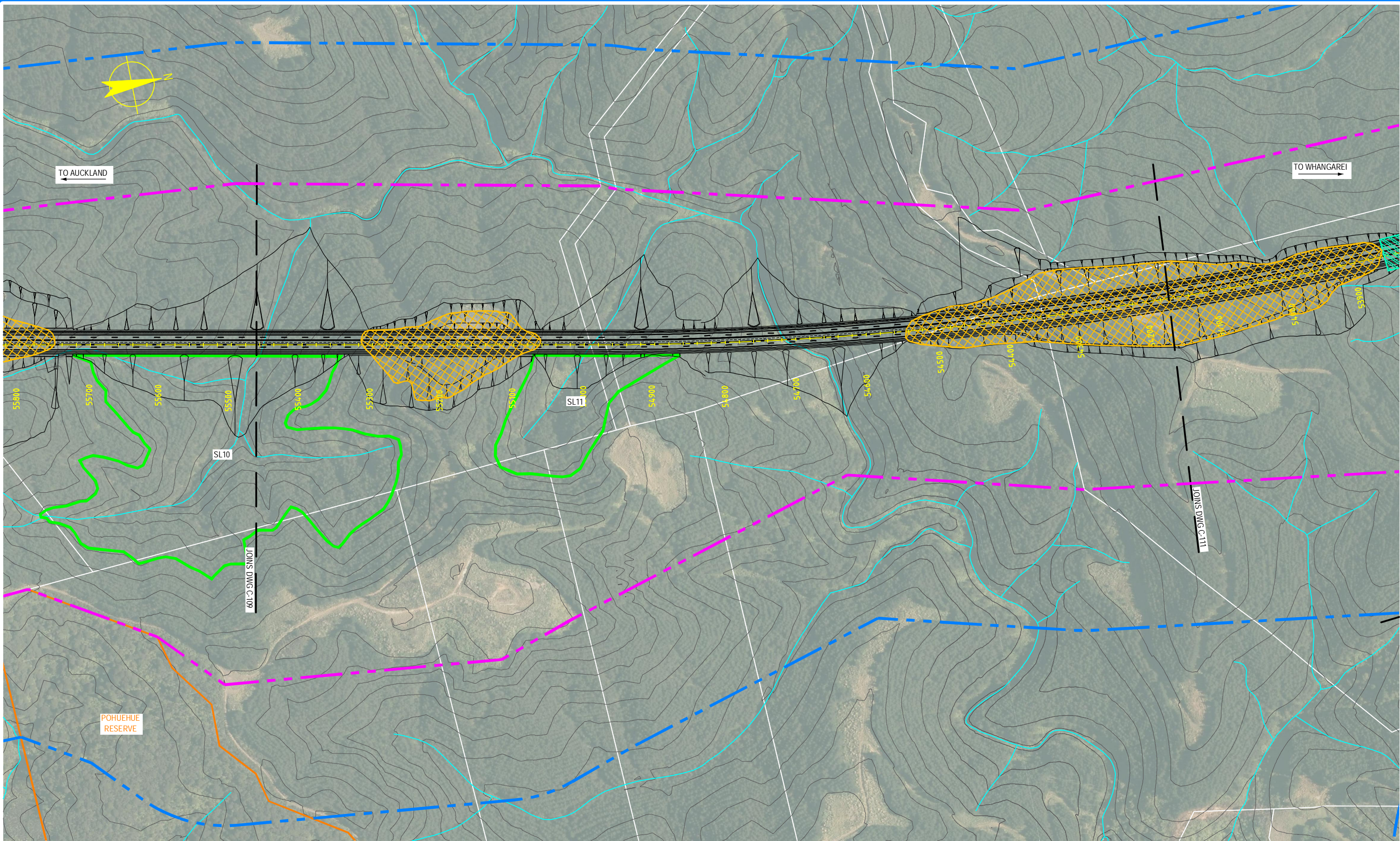
**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SP	DRAFTING CHECK SD	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI
DESIGNED SD	DESIGN REVIEW MC		

CONSTRUCTION ACTIVITIES SHEET 9 OF 17			
SCALE AS SHOWN	CONTRACT No PA3748	DRAWING No C-109	AMDT 0



S:\Further North - PAA\3300 Design\3300.5 Technical\01-Drawing Production\CADD Drawings\C-106\_C-112.dwg Plot Date: 19 August, 2013 - 1133 AM



NOTE: FOR GENERAL NOTES AND LEGEND, REFER TO DRAWING C-001

0 25 50 75 100 125m  
SCALE 1:5,000 @ A3 SIZE

0	30/08/13	MC	MW	TI	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REV'D BY MGR	APP'D BY MGR	PURPOSE OF ISSUE / AMENDMENT



**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SP	DRAFTING CHECK SD	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI
DESIGNED SD	DESIGN REVIEW MC		

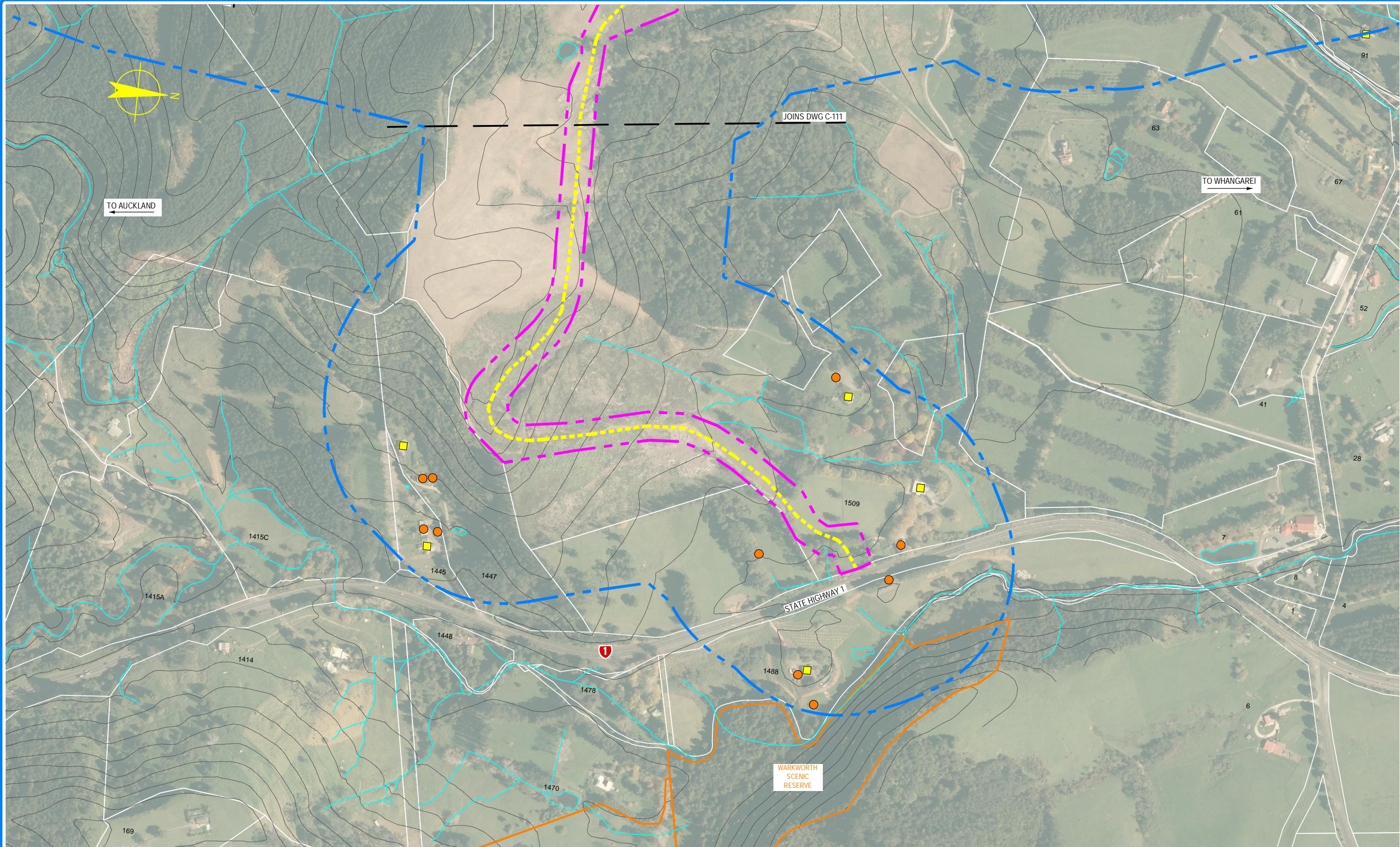
CONSTRUCTION ACTIVITIES SHEET 10 OF 17			
SCALE AS SHOWN	CONTRACT No. PA3748	DRAWING No. C-110	AMDT 0



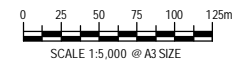




S:\Further North - PAA\300 Design\300.5 Technical\01-Drawing Production\CADD\Drawings\C-116\_C-112.dwg Plot Date: 19 August, 2013 - 11:38 AM



NOTE: FOR GENERAL NOTES AND LEGEND, REFER TO DRAWING C-001



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AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APP'D A. MGR	PURPOSE OF ISSUE / AMENDMENT



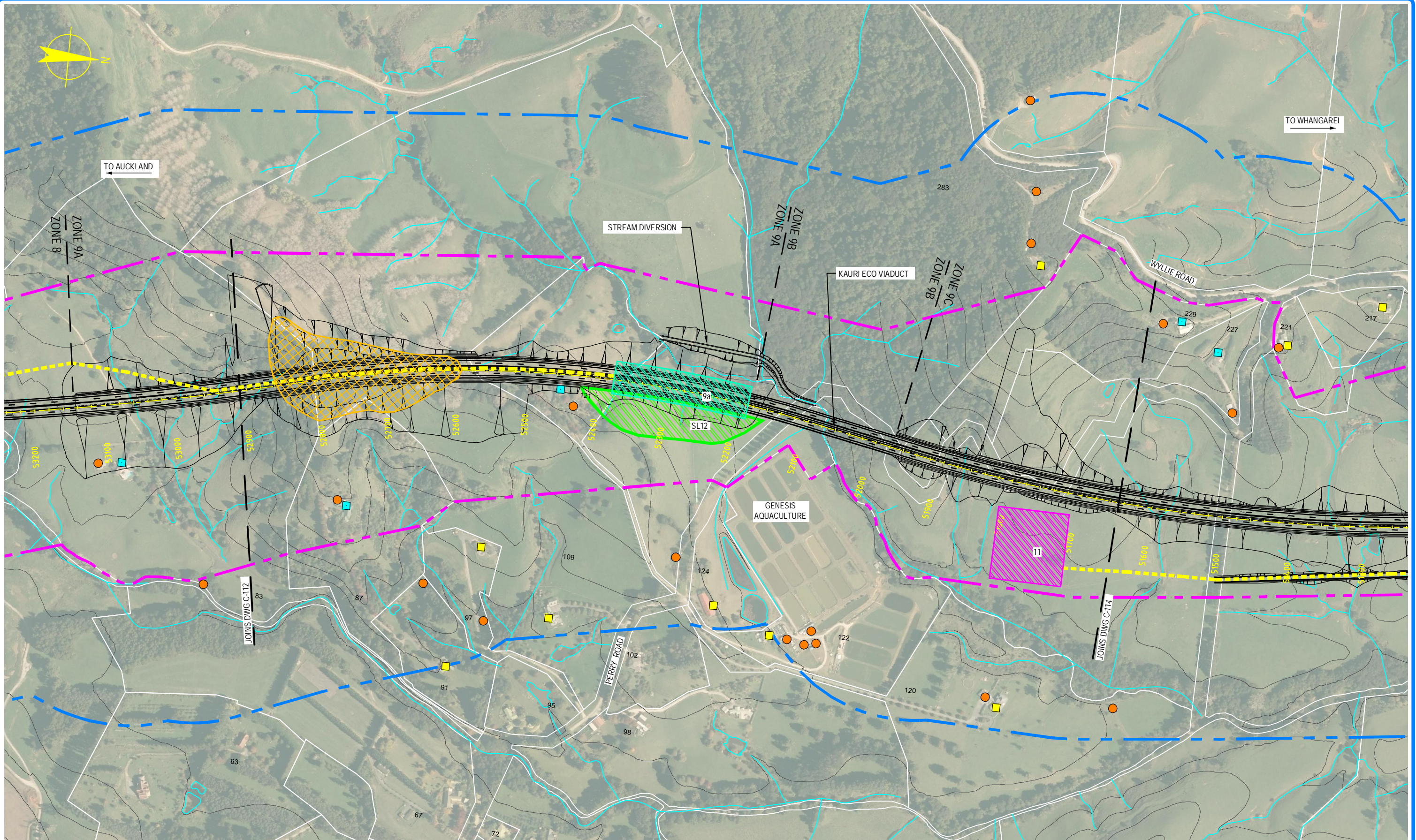
**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SP	DRAFTING CHECK SD	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI
DESIGNED SD	DESIGN REVIEW MC		

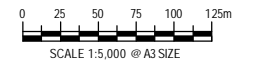
CONSTRUCTION ACTIVITIES			
SHEET 12 OF 17			
SCALE AS SHOWN	CONTRACT No PA3748	DRAWING No C-112	AMDT 0



S:\Further North - PAA\300 Design\300.5 Technical\01-Drawing Production\CADD Drawings\C-113\_C-117.dwg Plot Date: 19 August, 2013 - 11:48 AM



NOTE: FOR GENERAL NOTES AND LEGEND,  
REFER TO DRAWING C-001



0	30/08/13	MC	MW	TI	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APP'D A. MGR	PURPOSE OF ISSUE / AMENDMENT



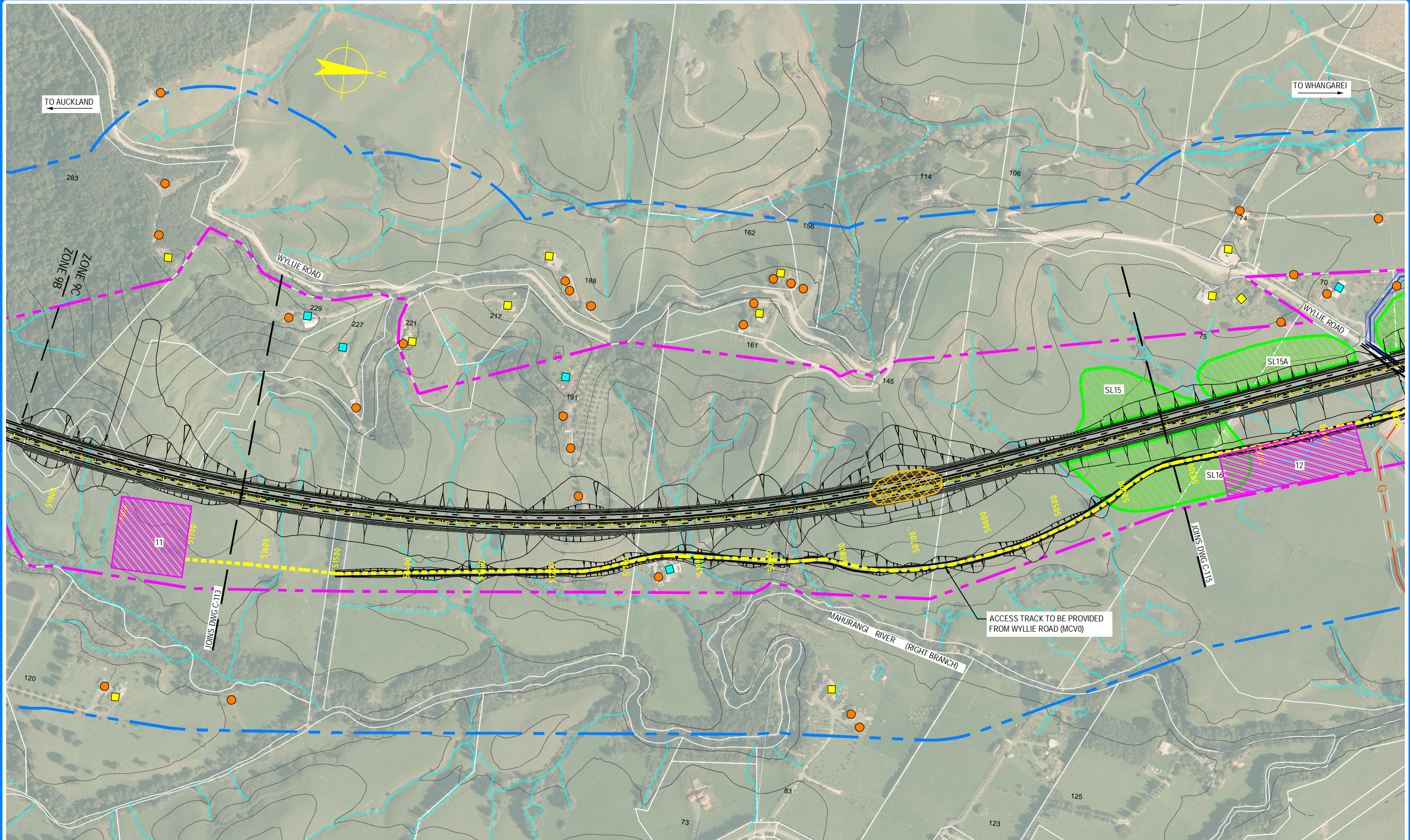
**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SP	DRAFTING CHECK SD	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI
DESIGNED SD	DESIGN REVIEW MC		

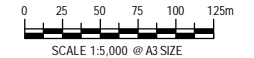
CONSTRUCTION ACTIVITIES			
SHEET 13 OF 17			
SCALE AS SHOWN	CONTRACT No PA3748	DRAWING No C-113	AMDT 0



S:\Further North - PAA\300 Design\300.5 Technical\01-Drawing Production\CAAD\Drawings\C-113\_C-117.dwg Plot Date: 19 August, 2013 - 11:50 AM



NOTE: FOR GENERAL NOTES AND LEGEND, REFER TO DRAWING C-001



0	30/08/13	MC	MW	TI	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APP'D A. MGR	PURPOSE OF ISSUE / AMENDMENT



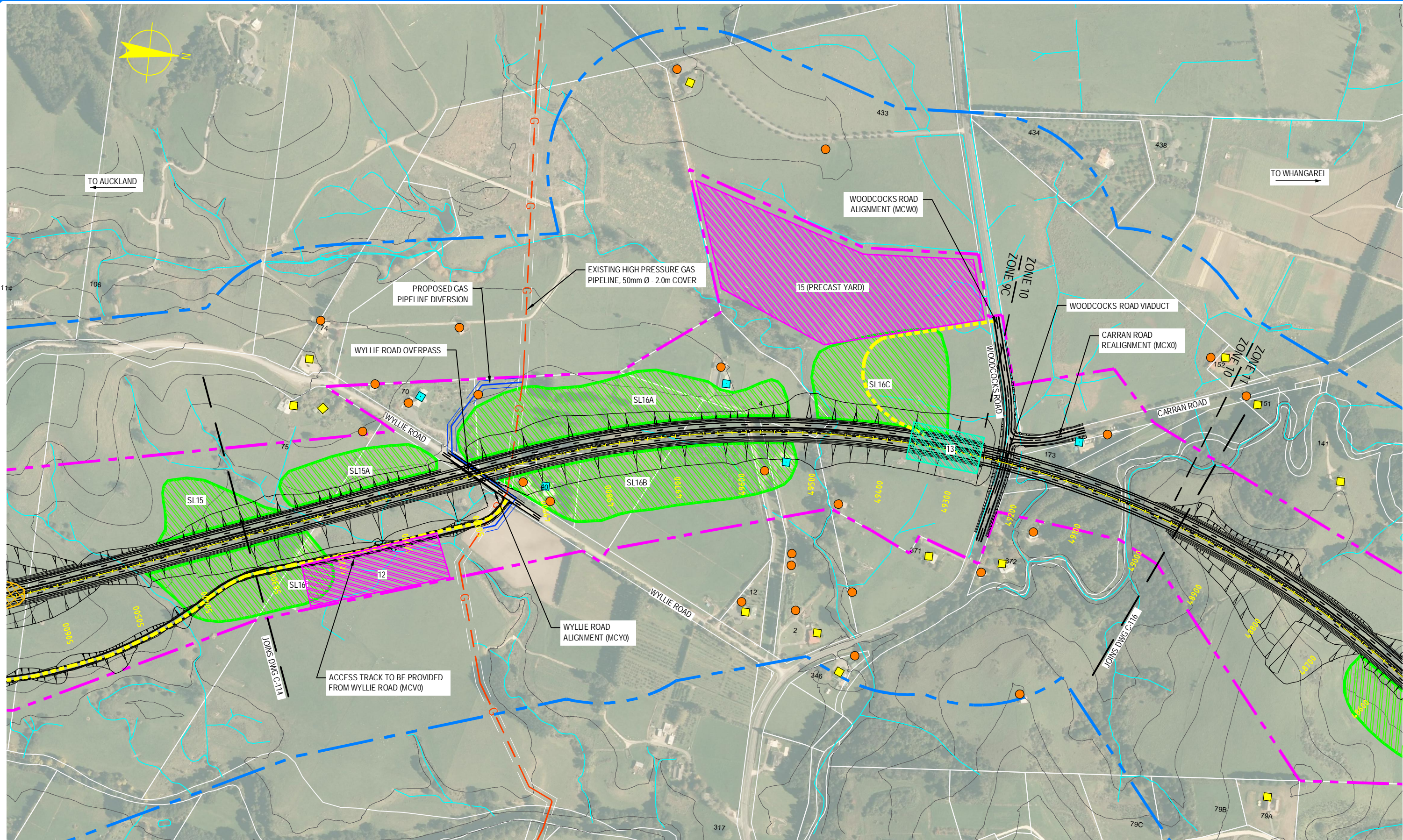
**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SP	DRAFTING/CHECK SD	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI
DESIGNED SD	DESIGN REVIEW MC		

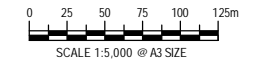
CONSTRUCTION ACTIVITIES			
SHEET 14 OF 17			
SCALE AS SHOWN	CONTRACT No. PA3748	DRAWING No. C-114	AMDT 0



S:\Further North - PAA\300 Design\300.5 Technical\01-Drawing Production\CADD Drawings\C-113\_C-117.dwg Plot Date: 19 August, 2013 - 11:54 AM



NOTE: FOR GENERAL NOTES AND LEGEND, REFER TO DRAWING C-001



NO	DATE	DESIGN REVIEW	REV'D D. MGR	APP'D A. MGR	PURPOSE OF ISSUE / AMENDMENT
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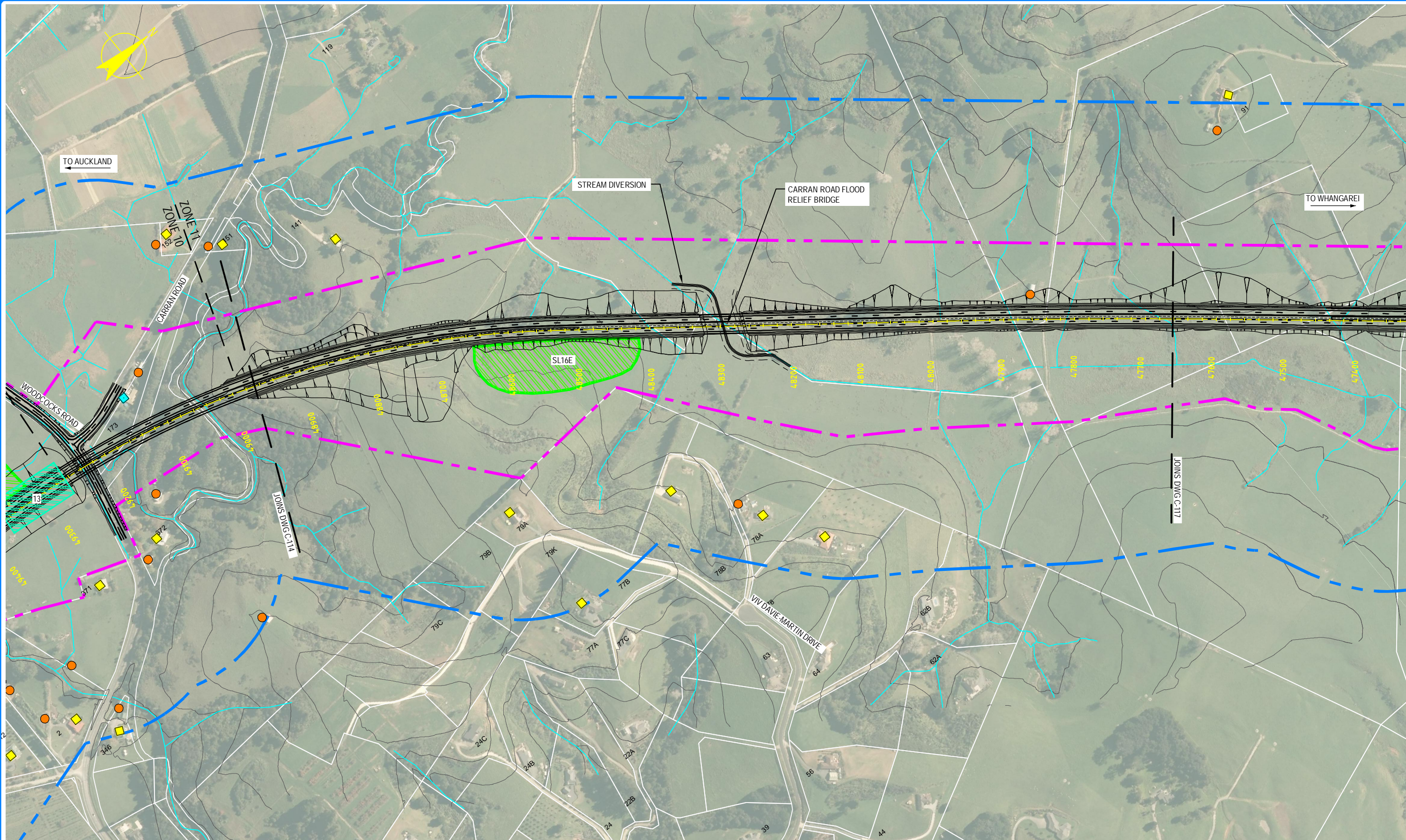
**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD			
PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SP DESIGNED SD	DRAFTING CHECK SD DESIGN REVIEW MC	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI

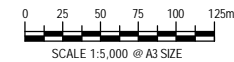
CONSTRUCTION ACTIVITIES			
SHEET 15 OF 17			
SCALE AS SHOWN	CONTRACT No PA3748	DRAWING No C-115	AMDT 0



S:\Further North - PAA 300 Design\300.5 Technical\01-Drawing Production\CADD\Drawings\C-113\_C-117.dwg Plot Date: 19 August 2013 - 11:56 AM



NOTE: FOR GENERAL NOTES AND LEGEND,  
REFER TO DRAWING C-001



0	30/08/13	MC	MW	TI	ISSUE FOR NOR / CONSENT
AMD	DATE	DESIGN REVIEW	REV'D D. MGR	APP'D A. MGR	PURPOSE OF ISSUE / AMENDMENT



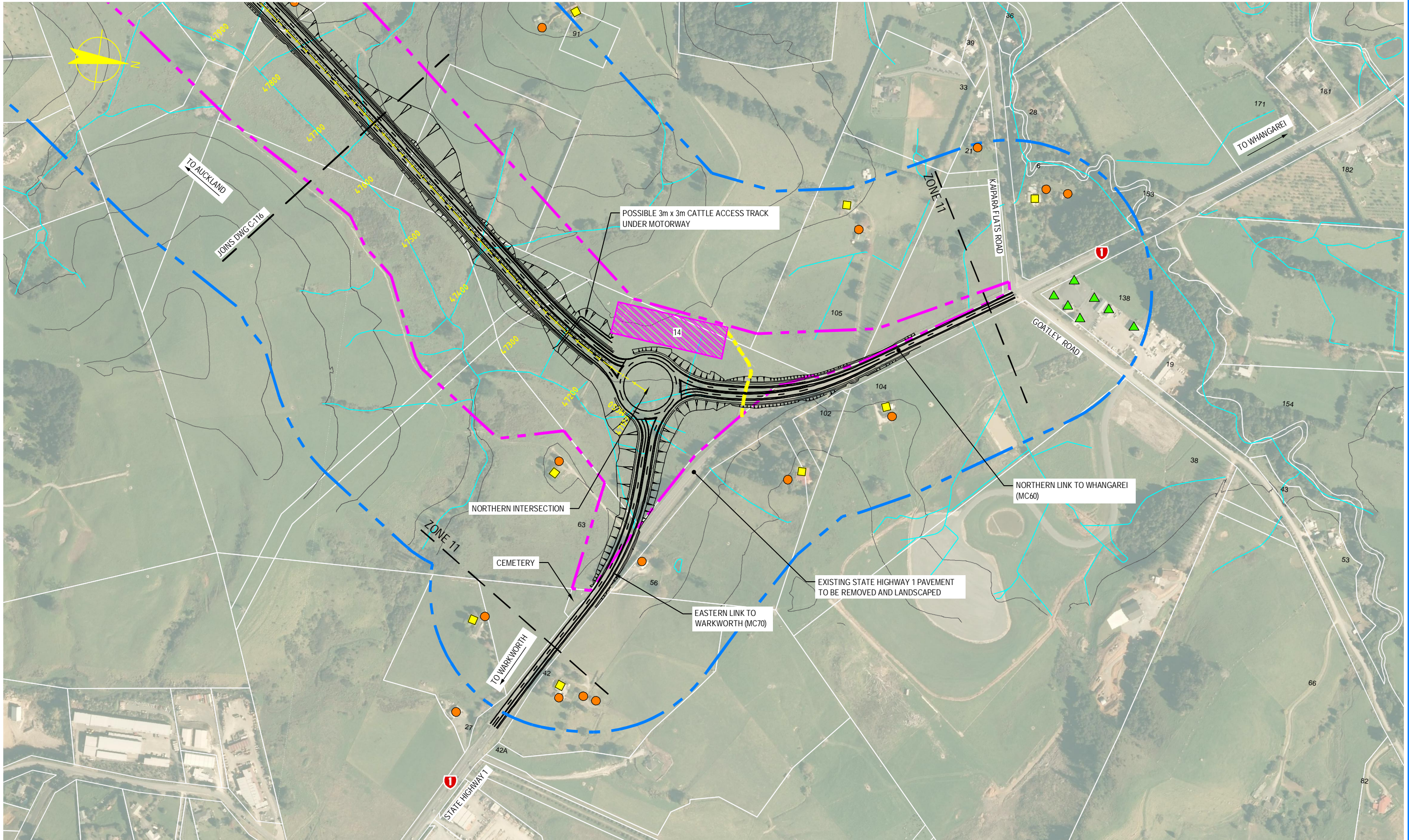
**DISCLAIMER**  
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ARA TŪHONO - PŪHOI TO WELLSFORD PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SP DESIGNED SD	DRAFTING CHECK SD DESIGN REVIEW MC	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI

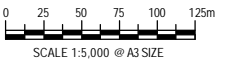
CONSTRUCTION ACTIVITIES SHEET 16 OF 17			
SCALE AS SHOWN	CONTRACT No. PA3748	DRAWING No. C-116	AMD 0



S:\Further North - PAA\3300 Design\3300.5 Technical\01-Drawing Production\CADD Drawings\3300.5\_C-117.dwg Plot Date: 19 August 2013 12:01 PM



NOTE: FOR GENERAL NOTES AND LEGEND,  
REFER TO DRAWING C-001



AMT	DATE	DESIGN REVIEW	REV'D D. MGR	APPR'D A. MGR	PURPOSE OF ISSUE / AMENDMENT
0	30/08/13	MC	MW	TI	ISSUE FOR NOR / CONSENT



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ARA TŪHONO - PŪHOI TO WELLSFORD PŪHOI TO WARKWORTH - FOR RMA APPROVALS			
DRAWN SP	DRAFTING CHECK SD	REVIEWED DISCIPLINE MANAGER MW	APPROVED ALLIANCE MANAGER TI
DESIGNED SD	DESIGN REVIEW MC		

CONSTRUCTION ACTIVITIES SHEET 17 OF 17			
SCALE AS SHOWN	CONTRACT No PA3748	DRAWING No C-117	AMT 0