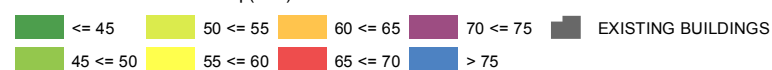
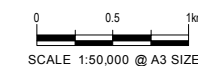


Noise Level dB L_{Aeq} (24h)



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

[illegible]

DISCLAIMER

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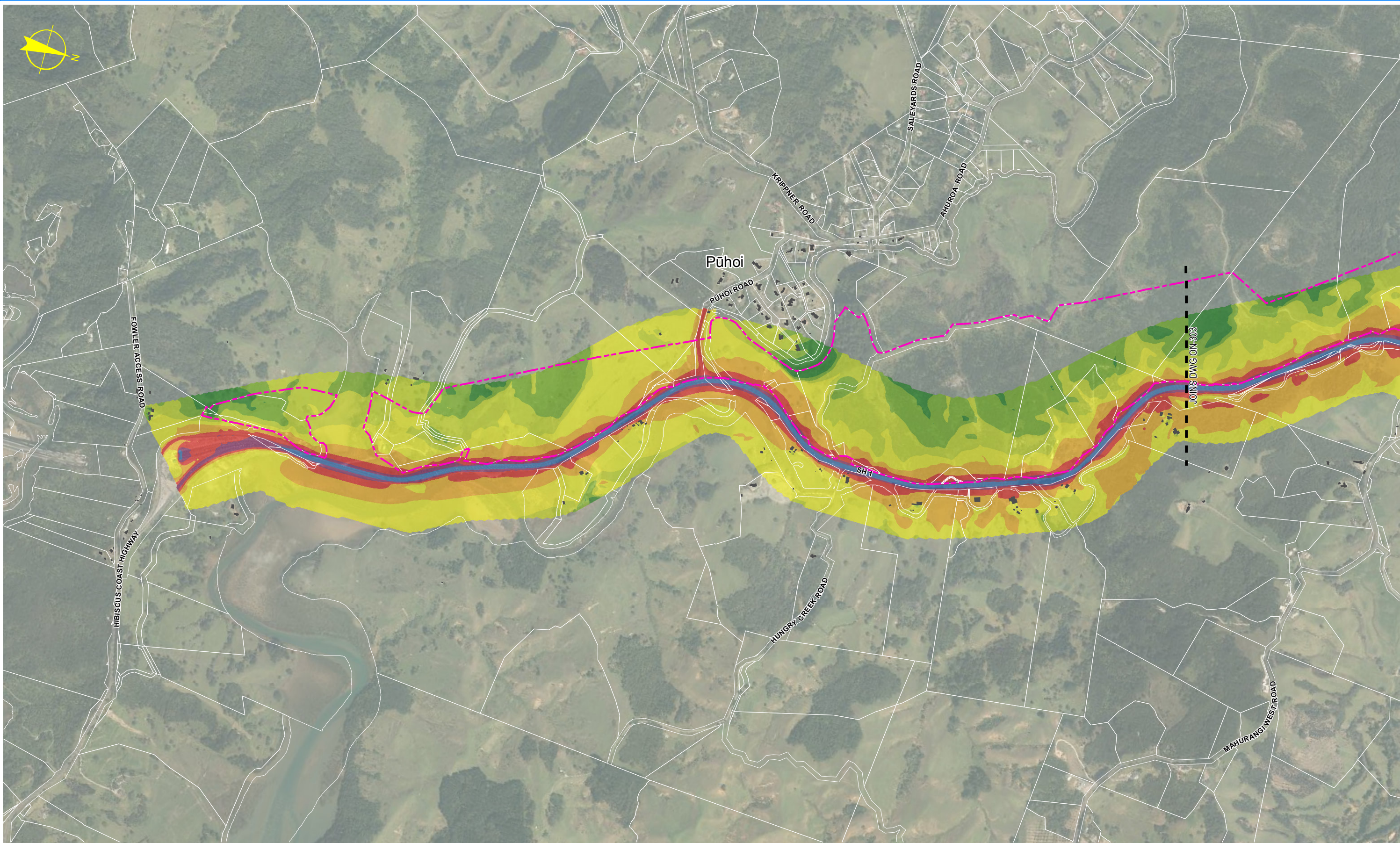
ARA TŪHONO - PŪHOI TO WELLSFORD

PŪHOI TO WARKWORTH - FOR RMA APPROVALS

| | | | |
|----------------|---------------------|--------------------------------------|------------------------------------|
| DRAWN JW | REVIEWED SW | REVIEWED DISCIPLINE MANAGER MW | APPROVED ALLIANCE MANAGER TI |
| DESIGNED SW | DESIGN REVIEW GW | | |

NOISE LEVEL CONTOUR PLANS
EXISTING ENVIRONMENT, YEAR 2013
SHEET LAYOUT

| | | | |
|----------|-------------|------------|------|
| SCALE | CONTRACT No | DRAWING No | AMDT |
| AS SHOWN | PA3748 | ON-301 | 0 |



KEY
Noise Level dB L Aeq (24h)

| | | | | |
|----------|----------|----------|----------|--------------------|
| <= 45 | 50 <= 55 | 60 <= 65 | 70 <= 75 | EXISTING BUILDINGS |
| 45 <= 50 | 55 <= 60 | 65 <= 70 | > 75 | |

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

SCALE 1:14,000 @ A3 SIZE

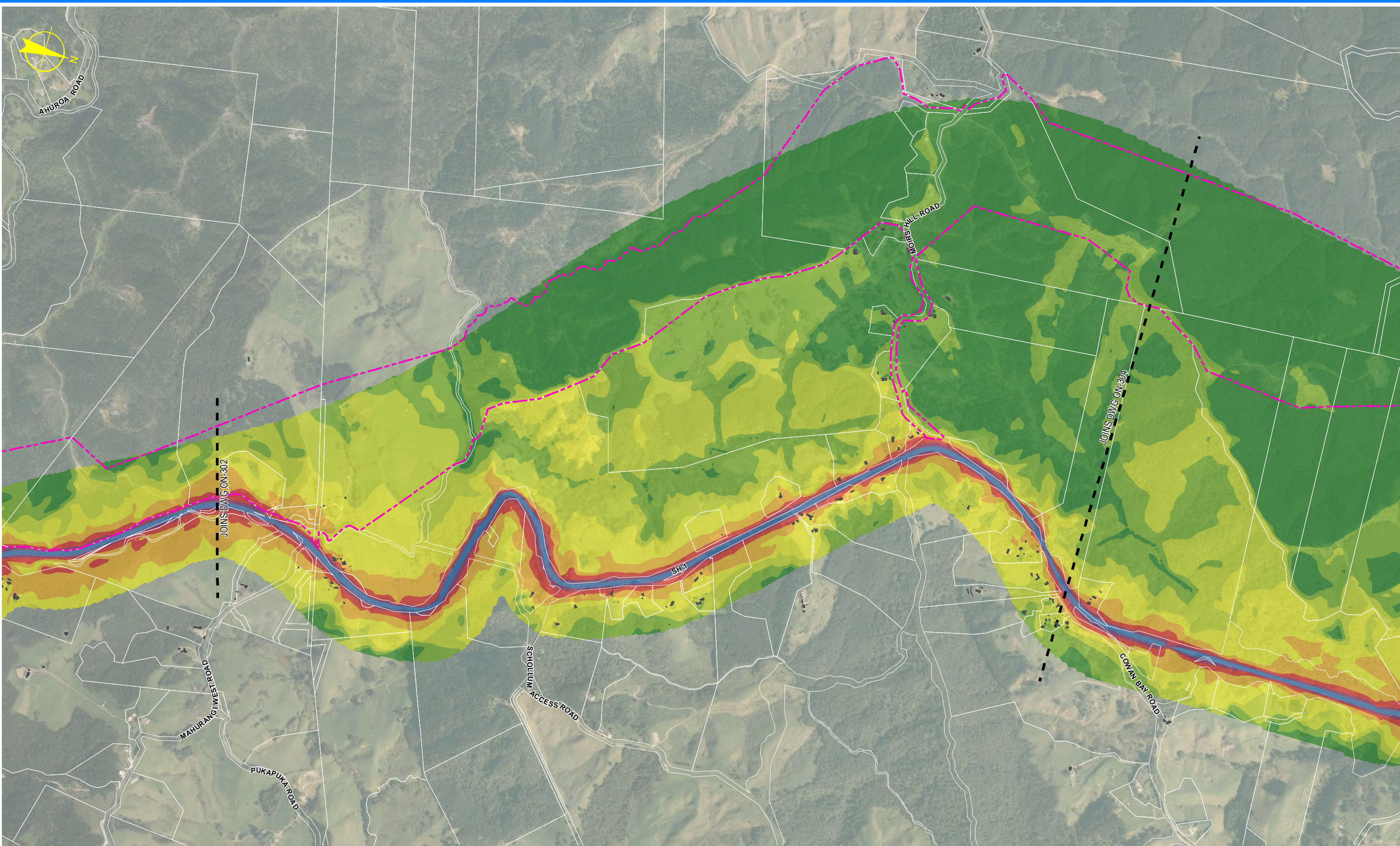
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| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 0 | 30/08/13 | GW | MW | TI | ISSUE FOR NOR / CONSENT | | | | |
| AMD | DATE | DESIGN REVIEW | REV'D D. MGR | APPR'D A. MGR | PURPOSE OF ISSUE / AMENDMENT | | | | |



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| | | | |
|--|---------------------|-----------------------------------|---------------------------------|
| ARA TŪHONO - PŪHOI TO WELLSFORD | | | |
| PŪHOI TO WARKWORTH - FOR RMA APPROVALS | | | |
| DRAWN JW | REVIEWED SW | REVIEWED DISCIPLINE MANAGER MW | APPROVED ALLIANCE MANAGER TI |
| DESIGNED SW | DESIGN REVIEW GW | | |

| | | | |
|--|------------------------|-----------------------|-----------|
| NOISE LEVEL CONTOUR PLANS EXISTING ENVIRONMENT, YEAR 2013 SHEET 1 OF 4 | | | |
| SCALE AS SHOWN | CONTRACT No. PA3748 | DRAWING No. ON-302 | AMDT 0 |



KEY

Noise Level dB L Aeq (24h)

<= 45

45 <= 50

50 <= 55

55 <= 60

60 <= 65

65 <= 70

70 <= 75

> 75

EXISTING BUILDINGS

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

0100200300

SCALE 1:14,000 @ A3 SIZE

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

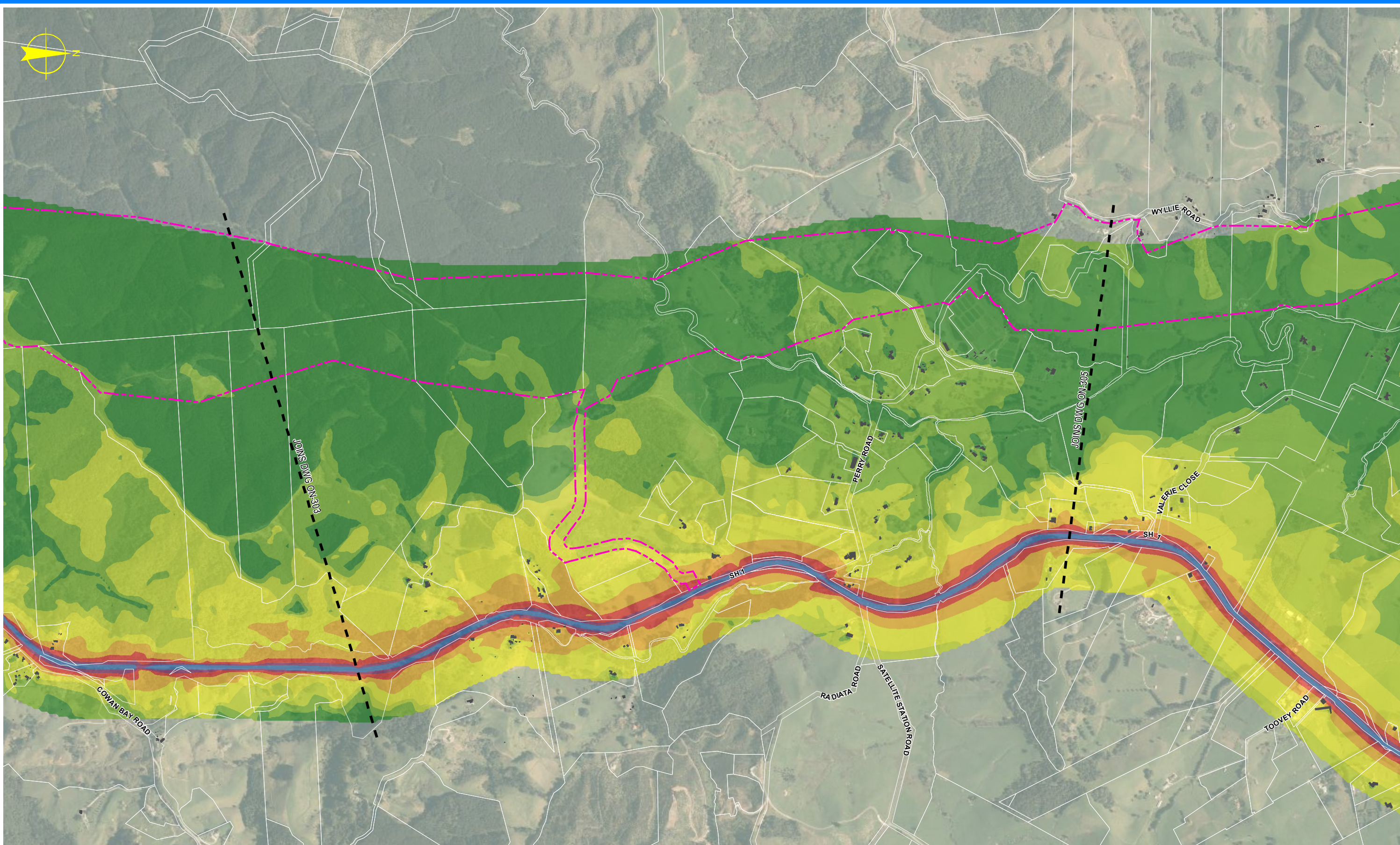


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| | | | |
|--|---------------------|-----------------------------------|---------------------------------|
| ARA TŪHONO - PŪHOI TO WELLSFORD | | | |
| PŪHOI TO WARKWORTH - FOR RMA APPROVALS | | | |
| DRAWN JW | REVIEWED SW | REVIEWED DISCIPLINE MANAGER MW | APPROVED ALLIANCE MANAGER TI |
| DESIGNED SW | DESIGN REVIEW GW | | |

| | | | |
|--|------------------------|-----------------------|-----------|
| NOISE LEVEL CONTOUR PLANS EXISTING ENVIRONMENT, YEAR 2013 SHEET 2 OF 4 | | | |
| SCALE AS SHOWN | CONTRACT NO. PA3748 | DRAWING NO. ON-303 | AMDT 0 |



KEY
Noise Level dB L Aeq (24h)

| | | | | |
|----------|----------|----------|----------|--------------------|
| <= 45 | 50 <= 55 | 60 <= 65 | 70 <= 75 | EXISTING BUILDINGS |
| 45 <= 50 | 55 <= 60 | 65 <= 70 | > 75 | |

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

0 100 200 300m
SCALE 1:14,000 @ A3 SIZE

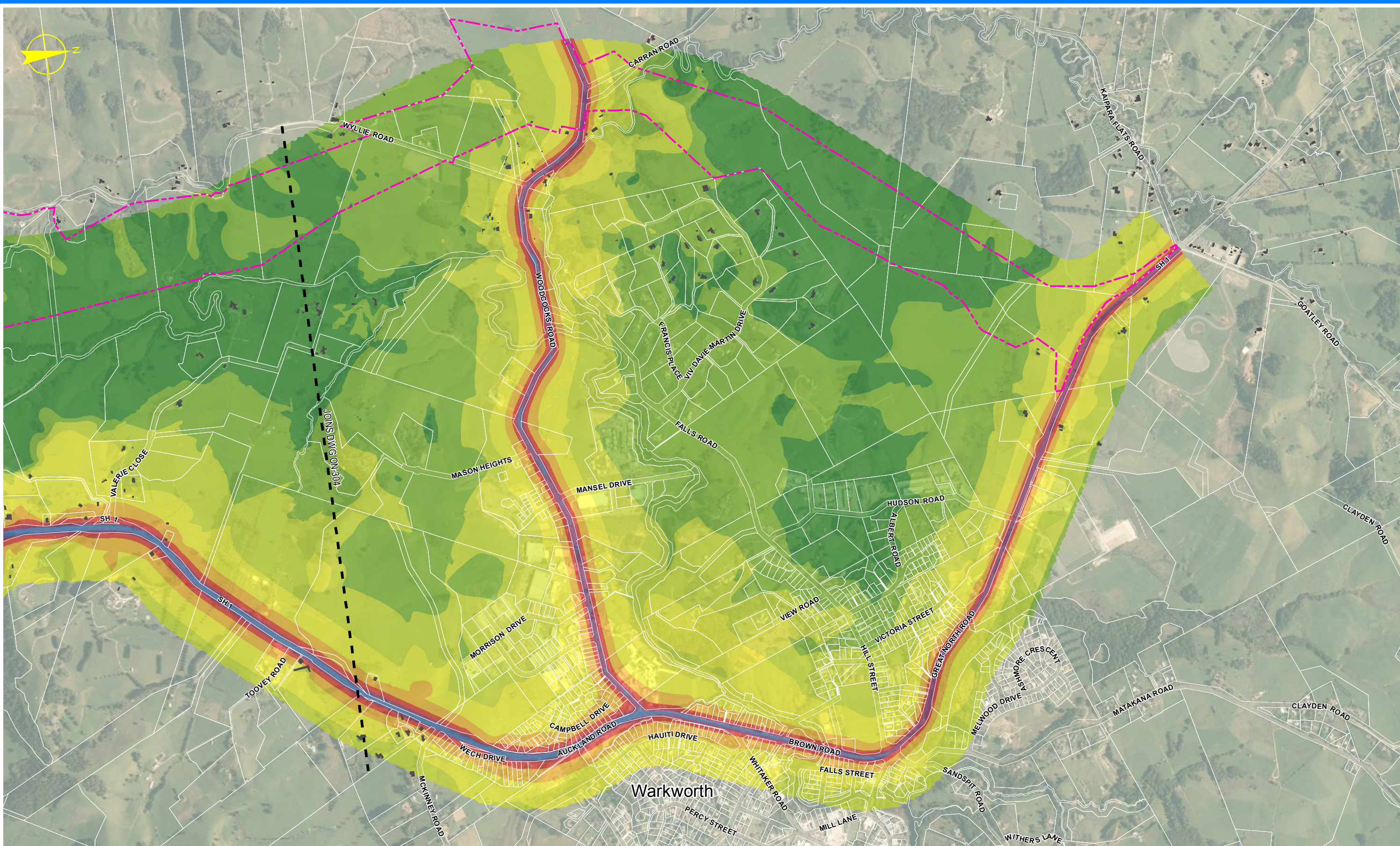
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|-----|----------|---------------|--------------|---------------|------------------------------|--|--|--|--|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 0 | 30/08/13 | GW | MW | TI | ISSUE FOR NOR / CONSENT | | | | |
| AMD |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



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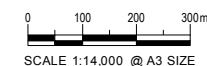
| | | | |
|--|---------------------|-----------------------------------|---------------------------------|
| ARA TŪHONO - PŪHOI TO WELLSFORD | | | |
| PŪHOI TO WARKWORTH - FOR RMA APPROVALS | | | |
| DRAWN JW | REVIEWED SW | REVIEWED DISCIPLINE MANAGER MW | APPROVED ALLIANCE MANAGER TI |
| DESIGNED SW | DESIGN REVIEW GW | | |

| | | | |
|--|------------------------|-----------------------|-----------|
| NOISE LEVEL CONTOUR PLANS EXISTING ENVIRONMENT, YEAR 2013 SHEET 3 OF 4 | | | |
| SCALE AS SHOWN | CONTRACT No. PA3748 | DRAWING No. ON-304 | AMDT 0 |



| KEY | | | | | |
|----------------------------|----------|----------|----------|--------------------|--|
| Noise Level dB L Aeq (24h) | | | | | |
| <= 45 | 50 <= 55 | 60 <= 65 | 70 <= 75 | EXISTING BUILDINGS | |
| 45 <= 50 | 55 <= 60 | 65 <= 70 | > 75 | | |

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



| REV | DATE | BY | CHKD | APPD | DESCRIPTION |
|------------------------------|----------|--------|--------|-------|-------------------------|
| 0 | 30/08/13 | GW | MW | TI | ISSUE FOR NOR / CONSENT |
| AMT | DATE | DESIGN | REVIEW | REV'D | APPROV'D |
| | | D.MGR | A.MGR | | |
| PURPOSE OF ISSUE / AMENDMENT | | | | | |



DISCLAIMER
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| ARA TŪHONO - PŪHOI TO WELLSFORD | | | |
|--|---------------|--------------------|------------------|
| PŪHOI TO WARKWORTH - FOR RMA APPROVALS | | | |
| DRAWN | REVIEWED | REVIEWED | APPROVED |
| JW | SW | DISCIPLINE MANAGER | ALLIANCE MANAGER |
| DESIGNED | DESIGN REVIEW | MW | TI |
| SW | GW | | |

| NOISE LEVEL CONTOUR PLANS EXISTING ENVIRONMENT, YEAR 2013 SHEET 4 OF 4 | | | |
|--|--------------|-------------|------|
| SCALE | CONTRACT NO. | DRAWING NO. | AMDT |
| AS SHOWN | PA3748 | ON-305 | 0 |