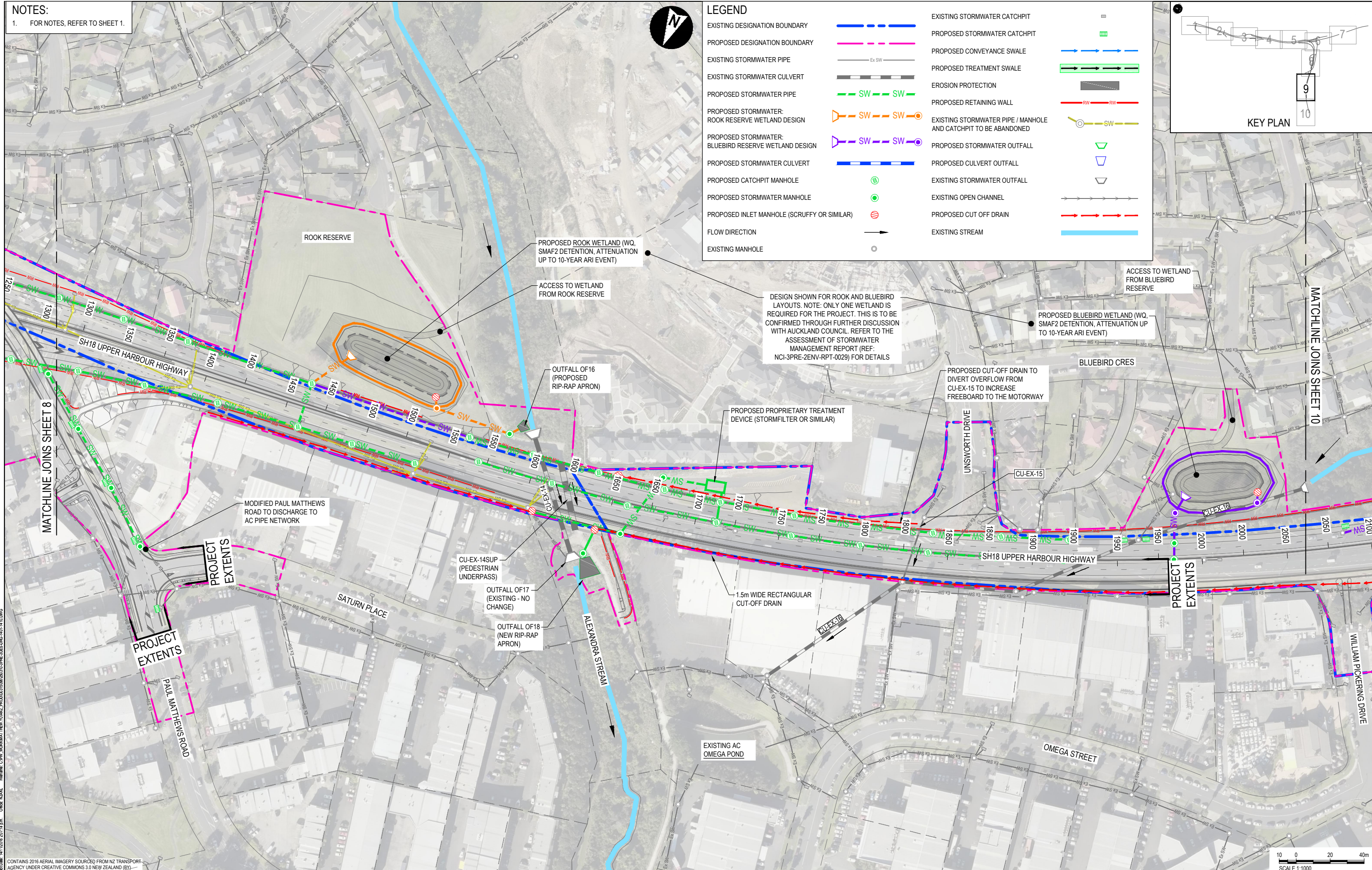
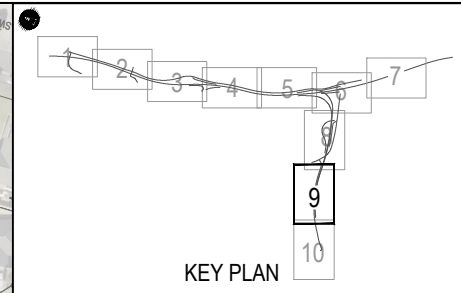


NOTES:
1. FOR NOTES, REFER TO SHEET 1.



LEGEND

| | | | |
|--|--|---|--|
| EXISTING DESIGNATION BOUNDARY | | EXISTING STORMWATER CATCHPIT | |
| PROPOSED DESIGNATION BOUNDARY | | PROPOSED STORMWATER CATCHPIT | |
| EXISTING STORMWATER PIPE | | PROPOSED CONVEYANCE SWALE | |
| EXISTING STORMWATER CULVERT | | PROPOSED TREATMENT SWALE | |
| PROPOSED STORMWATER PIPE | | EROSION PROTECTION | |
| PROPOSED STORMWATER: ROOK RESERVE WETLAND DESIGN | | PROPOSED RETAINING WALL | |
| PROPOSED STORMWATER: BLUEBIRD RESERVE WETLAND DESIGN | | EXISTING STORMWATER PIPE / MANHOLE AND CATCHPIT TO BE ABANDONED | |
| PROPOSED STORMWATER CULVERT | | PROPOSED STORMWATER OUTFALL | |
| PROPOSED CATCHPIT MANHOLE | | PROPOSED CULVERT OUTFALL | |
| PROPOSED STORMWATER MANHOLE | | EXISTING STORMWATER OUTFALL | |
| PROPOSED INLET MANHOLE (SCRUFFY OR SIMILAR) | | EXISTING OPEN CHANNEL | |
| FLOW DIRECTION | | PROPOSED CUT OFF DRAIN | |
| EXISTING MANHOLE | | EXISTING STREAM | |



Project: C:\PW\WORK\MATTHEW\YUANKI_PROJECTS\30310\3PRE_3DES.DWG - 14.10.DWG
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 Office: NZAK
 Contains 2016 Aerial Imagery Sourced From NZ Transport Agency Under Creative Commons 3.0 New Zealand (BY)

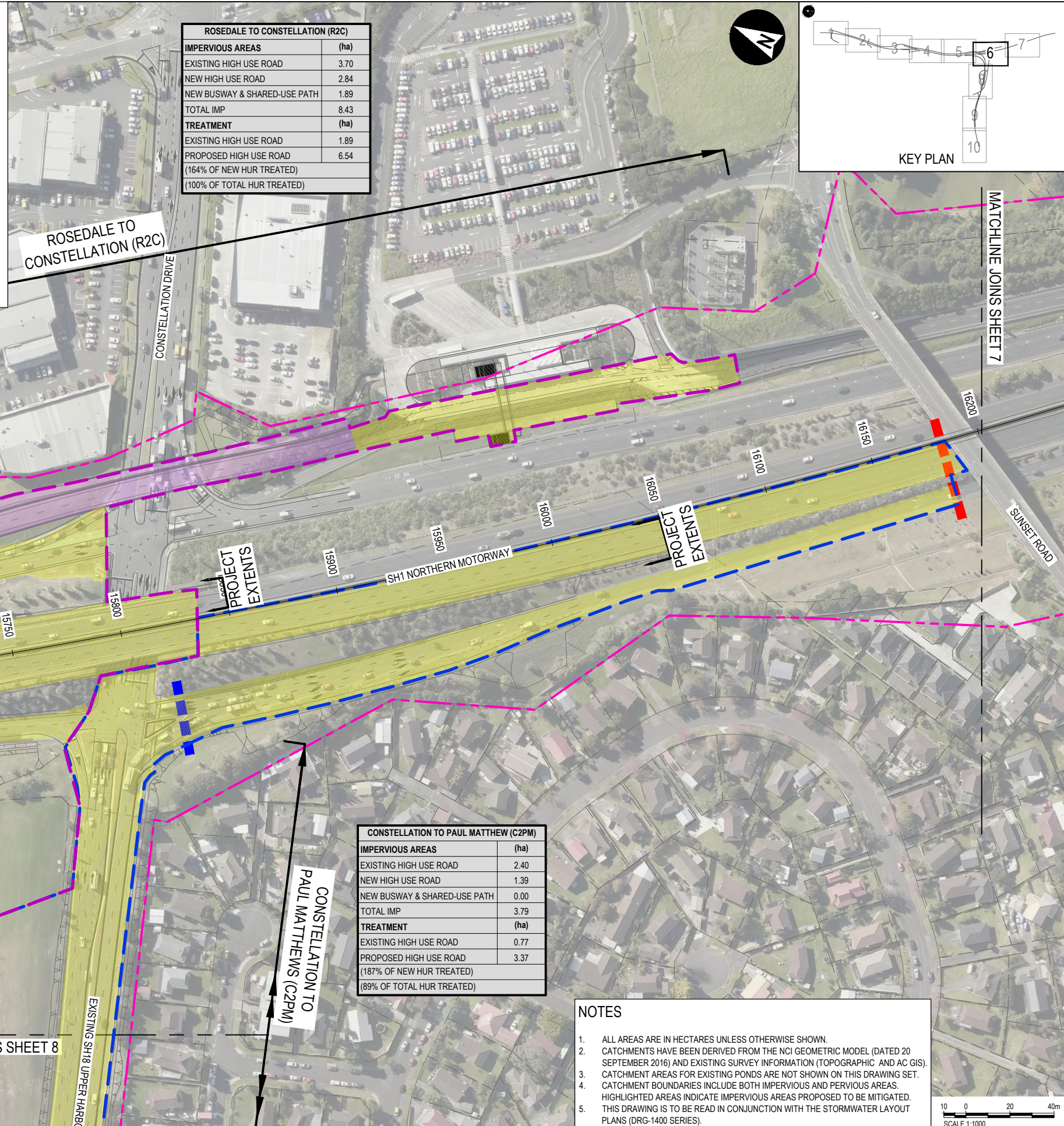
SCALE 1:1000

| | | | | | | | | | | | | | | |
|--------------------|--|--------------------|--------------|----------------|-------------------------|-----------------|--------------|----------------------|--------------------|----------------|---------------------------------------|--|--|--|
| CLIENT | | REV | | DATE | REVISION DETAILS | APPROVED | SCALE | SIZE | PRELIMINARY | PROJECT | NORTHERN CORRIDOR IMPROVEMENTS | | | |
| | | A | 24.11.16 | CONSENT ISSUE | G. MOORE | 1:1000 | A1 | NOT FOR CONSTRUCTION | | | | | | |
| drawn | | DESIGNED | | CHECKED | | DATE | | APPROVED | | TITLE | STORMWATER LAYOUT PLANS | | | |
| V. SMITH | | D. HUGHES | | D. MACKINTOSH | | 17/10/16 | | J. HIND | | SHEET 9 | BLUEBIRD AND ROOK DESIGNS | | | |
| DRAWING No. | | PROJECT No. | STAGE | WP | TYPE | NUMBER | REV | | | | | | | |
| 250310 | | 3PRE | 3DES | DRG | 1429 | A | | | | | | | | |



LEGEND

| | | | | | | |
|--|--|--|--|--|--|--|
| EXISTING DESIGNATION BOUNDARY | | PROPOSED CATCHMENT EX ALPURT A1 POND 34 | | SUB-CATCHMENT BOUNDARY | | |
| ALTERATION TO EXISTING DESIGNATION BOUNDARY | | PROPOSED CATCHMENT EX ALPURT A1 POND 35 | | PROPOSED TREATMENT | | |
| PROPOSED CATCHMENT EX ALPURT A1 POND 29 | | PROPOSED CATCHMENT GREVILLE NORTHBOUND DRY POND | | PROPOSED TREATMENT AND DETENTION | | |
| PROPOSED CATCHMENT EX ALPURT A1 POND 30 | | PROPOSED CATCHMENT GREVILLE SOUTHBOUND DRY POND | | PROPOSED TREATMENT, DETENTION AND 10-YEAR ATTENUATION | | |
| PROPOSED CATCHMENT OTEHA VALLEY WETLAND EAST | | PROPOSED CATCHMENT MORO WETLAND | | PROPOSED TREATMENT, DETENTION AND 100-YEAR ATTENUATION | | |
| PROPOSED CATCHMENT OTEHA VALLEY WETLAND WEST | | PROPOSED CATCHMENT CARIBBEAN WETLAND | | PROPOSED DETENTION AND 10-YEAR ATTENUATION | | |
| PROPOSED CATCHMENT MCCLYMONTS WETLAND | | PROPOSED CATCHMENT BLUEBIRD WETLAND | | PROPOSED DETENTION AND 100-YEAR ATTENUATION | | |
| PROPOSED CATCHMENT GREVILLE WETLAND | | PROPOSED CATCHMENT PROPRIETARY DEVICE SF-PM2AH-1 | | PROPOSED SWALE | | |
| | | | | HIGH POINT | | |
| | | | | LOW POINT | | |



ROSEDALE TO CONSTELLATION (R2C)

| IMPERVIOUS AREAS | (ha) |
|------------------------------|------|
| EXISTING HIGH USE ROAD | 3.70 |
| NEW HIGH USE ROAD | 2.84 |
| NEW BUSWAY & SHARED-USE PATH | 1.89 |
| TOTAL IMP | 8.43 |
| TREATMENT | (ha) |
| EXISTING HIGH USE ROAD | 1.89 |
| PROPOSED HIGH USE ROAD | 6.54 |
| (164% OF NEW HUR TREATED) | |
| (100% OF TOTAL HUR TREATED) | |

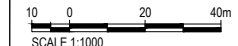
EXISTING ARC REFUSE POND - AC (REMOVED)

| VOLUMES | (m3) |
|----------------------|------|
| WATER QUALITY VOLUME | 1600 |
| TOTAL LIVE VOLUME | 3400 |

CONSTELLATION TO PAUL MATTHEW (C2PM)

| IMPERVIOUS AREAS | (ha) |
|------------------------------|------|
| EXISTING HIGH USE ROAD | 2.40 |
| NEW HIGH USE ROAD | 1.39 |
| NEW BUSWAY & SHARED-USE PATH | 0.00 |
| TOTAL IMP | 3.79 |
| TREATMENT | (ha) |
| EXISTING HIGH USE ROAD | 0.77 |
| PROPOSED HIGH USE ROAD | 3.37 |
| (187% OF NEW HUR TREATED) | |
| (89% OF TOTAL HUR TREATED) | |

- NOTES**
- ALL AREAS ARE IN HECTARES UNLESS OTHERWISE SHOWN.
 - CATCHMENTS HAVE BEEN DERIVED FROM THE NCI GEOMETRIC MODEL (DATED 20 SEPTEMBER 2016) AND EXISTING SURVEY INFORMATION (TOPOGRAPHIC AND AC GIS).
 - CATCHMENT AREAS FOR EXISTING PONDS ARE NOT SHOWN ON THIS DRAWING SET.
 - CATCHMENT BOUNDARIES INCLUDE BOTH IMPERVIOUS AND PERVIOUS AREAS.
 - HIGHLIGHTED AREAS INDICATE IMPERVIOUS AREAS PROPOSED TO BE MITIGATED.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE STORMWATER LAYOUT PLANS (DRG-1400 SERIES).



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 Office: NZAKL
 Contains 2016 Aerial Imagery Sourced From NZ Transport Agency Under Creative Commons 3.0 New Zealand (BY)

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|--|--|--|--|-------------------------------------|-------------------------|---------------------------------------|---|---|---|---|--|
| | | CLIENT NZ TRANSPORT AGENCY WAKA KOTAHI | REV A 17.10.16 PRELIMINARY ISSUE B 24.11.16 CONSENT ISSUE | DATE 17/10/16 24/11/16 | REVISION DETAILS | APPROVED J. HIND J. HIND | SCALE 1:1000 SIZE A1 | DRAWN V. SMITH DESIGNED D. HUGHES CHECKED D. MACKINTOSH | PRELIMINARY NOT FOR CONSTRUCTION APPROVED J. HIND J. HIND | PROJECT NORTHERN CORRIDOR IMPROVEMENTS TITLE STORMWATER CATCHMENT PLAN SHEET 6 | DRAWING No. 250310 - STAGE 3PRE - WP 3DES - TYPE DRG - NUMBER 1466 - REV B |
|--|--|--|--|-------------------------------------|-------------------------|---------------------------------------|---|---|---|---|--|

NOTES

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- 5.

| CARIBBEAN WETLAND | |
|--------------------------|------------------------|
| CATCHMENT AREA | (ha) |
| IMPERVIOUS | 3.09 |
| PERVIOUS | 2.16 |
| AREA TREATED | (ha) |
| HIGH USE ROAD | 3.09 |
| VOLUMES | (m³) |
| WATER QUALITY VOLUME | 470 |
| DETENTION VOLUME | 250 |
| TOTAL LIVE VOLUME | 2400 |

NO INCREASED IMPERVIOUS AREAS DISCHARGING TO CARIBBEAN DRIVE

| CONSTELLATION TO PAUL MATTHEW (C2PM) | |
|--|-------------|
| IMPERVIOUS AREAS | (ha) |
| EXISTING HIGH USE ROAD | 2.40 |
| NEW HIGH USE ROAD | 1.39 |
| NEW BUSWAY & SHARED-USE PATH | 0.00 |
| TOTAL IMP | 3.79 |
| TREATMENT | (ha) |
| EXISTING HIGH USE ROAD | 0.77 |
| PROPOSED HIGH USE ROAD (187% OF NEW HUR TREATED) | 3.37 |
| (89% OF TOTAL HUR TREATED) | |

| EXISTING CONSTELLATION POND - AC (REMOVED) | |
|--|-------------------|
| VOLUMES | (m ³) |
| WATER QUALITY VOLUME | 0 |
| TOTAL LIVE VOLUME | 19100 |

| TREATMENT SWALE SW-C2PM-1 | |
|---------------------------|------|
| AREA TREATED | (ha) |
| TREATMENT - IMP | 0.28 |

UPPER HARBOUR DRIVE TO DISCHARGE TO PROPOSED CULVERT CU-NEW-13A

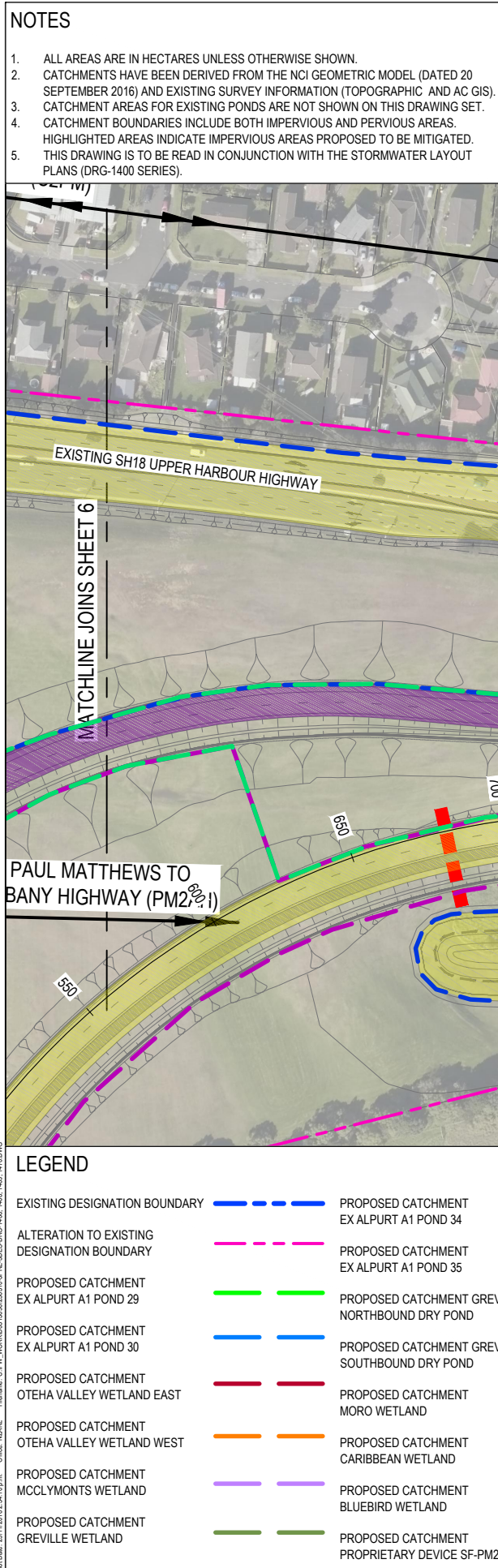
SUB-CATCHMENT TREATED BY SWALE SW-C2PM-1 (NO DETENTION AND ATTENUATION)

PROPOSED CONSTELLATION DRY POND TO REPLACE FLOW CONTROL FUNCTIONS OF EXISTING AC CONSTELLATION POND, ARC REFUSE POND & MORO POND

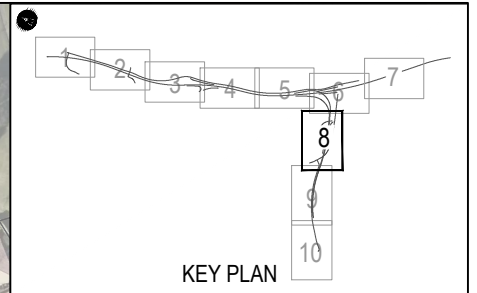
| CONSTELLATION HIGH-LEVEL DRY POND | |
|-----------------------------------|-------------------|
| VOLUMES | (m ³) |
| TOTAL LIVE VOLUME | 8500 |

| PAUL MATTHEWS TO ALBANY HIGHWAY (PM2AH) | |
|---|-------------|
| IMPERVIOUS AREAS | (ha) |
| EXISTING HIGH USE ROAD | 4.33 |
| NEW HIGH USE ROAD | 2.19 |
| NEW BUSWAY & SHARED-USE PATH | 0.51 |
| TOTAL IMP | 7.03 |
| TREATMENT | (ha) |
| EXISTING HIGH USE ROAD | 0.00 |
| PROPOSED HIGH USE ROAD | 6.53 |
| (298% OF NEW HUR TREATED) | |
| (100% OF TOTAL HUR TREATED) | |

NO INCREASED IMPERVIOUS AREAS DISCHARGING TO PAUL MATTHEWS ROAD



| LEGEND | | | |
|--|--|---|---|
| EXISTING DESIGNATION BOUNDARY | PROPOSED CATCHMENT EX ALPURT A1 POND 34 | SUB-CATCHMENT BOUNDARY | PROPOSED TREATMENT |
| ALTERATION TO EXISTING DESIGNATION BOUNDARY | PROPOSED CATCHMENT EX ALPURT A1 POND 35 | PROPOSED TREATMENT AND DETENTION | PROPOSED TREATMENT, DETENTION AND 10-YEAR ATTENUATION |
| PROPOSED CATCHMENT EX ALPURT A1 POND 29 | PROPOSED CATCHMENT GREVILLE NORTHBOUND DRY POND | PROPOSED TREATMENT, DETENTION AND 10-YEAR ATTENUATION | PROPOSED TREATMENT, DETENTION AND 10-YEAR ATTENUATION |
| PROPOSED CATCHMENT EX ALPURT A1 POND 30 | PROPOSED CATCHMENT GREVILLE SOUTHBOUND DRY POND | PROPOSED DETENTION AND 10-YEAR ATTENUATION | PROPOSED SWALE |
| PROPOSED CATCHMENT OTEHA VALLEY WETLAND EAST | PROPOSED CATCHMENT MORO WETLAND | PROPOSED DETENTION AND 10-YEAR ATTENUATION | HIGH POINT |
| PROPOSED CATCHMENT OTEHA VALLEY WETLAND WEST | PROPOSED CATCHMENT CARIBBEAN WETLAND | PROPOSED DETENTION AND 10-YEAR ATTENUATION | LOW POINT |
| PROPOSED CATCHMENT MCCLYMONTS WETLAND | PROPOSED CATCHMENT BLUEBIRD WETLAND | PROPOSED SWALE | |
| PROPOSED CATCHMENT GREVILLE WETLAND | PROPOSED CATCHMENT PROPRIETARY DEVICE SF-PM2AH-1 | HIGH POINT | |
| | | LOW POINT | |

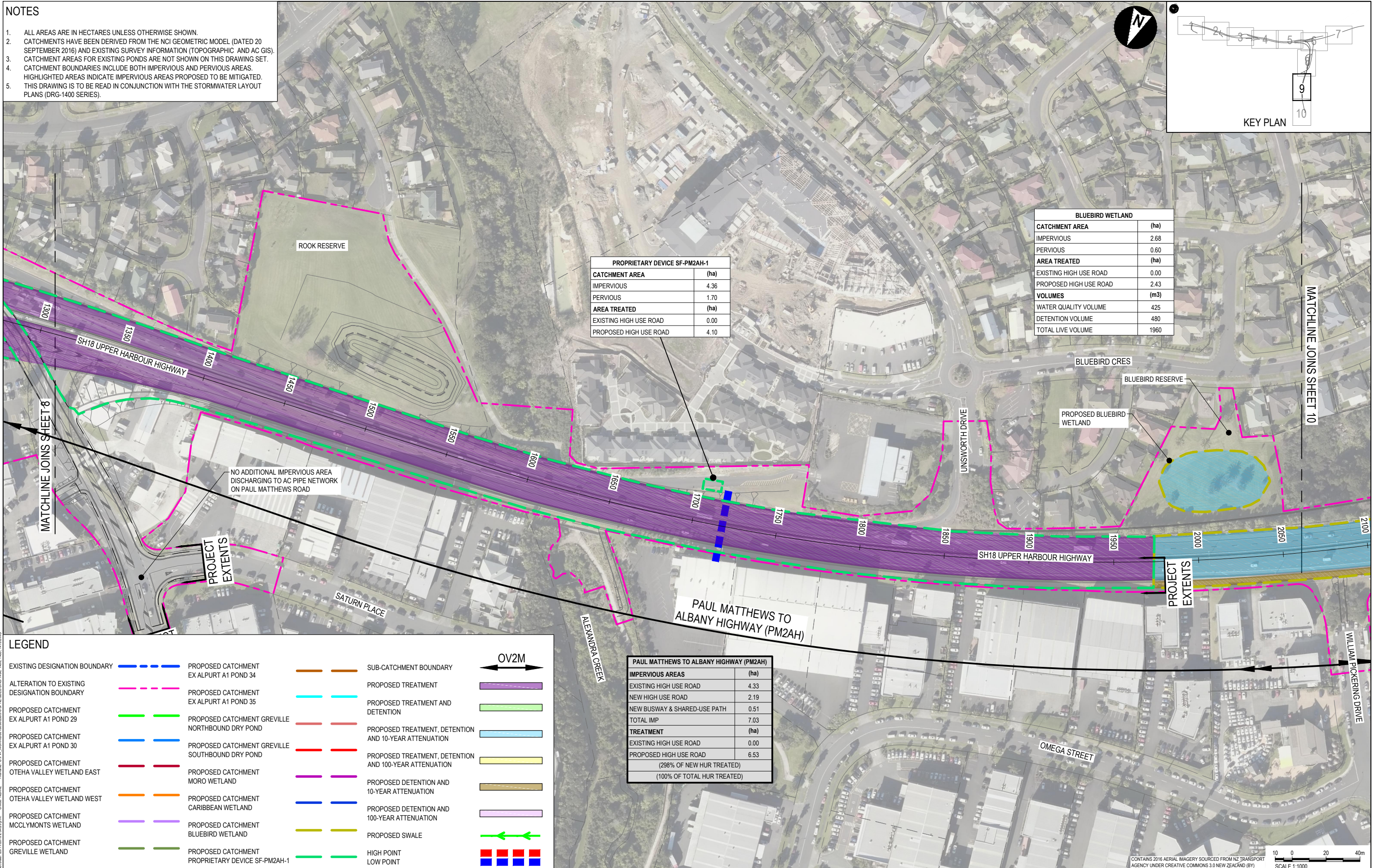
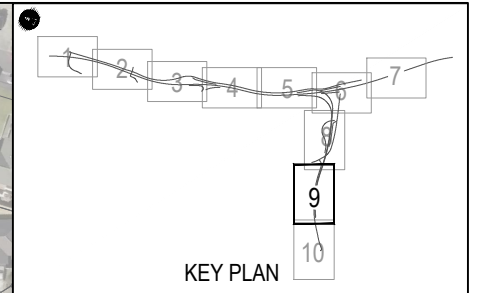


CONTAINS 2016 AERIAL IMAGERY SOURCED FROM NZ TRANSIT AGENCY UNDER CREATIVE COMMONS 3.0 NEW ZEALAND (BY) SCALE 1:1000

| | | <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>REVISION DETAILS</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>17.10.16</td> <td>PRELIMINARY ISSUE</td> <td>J. HIND</td> </tr> <tr> <td>B</td> <td>24.11.16</td> <td>CONSENT ISSUE</td> <td>J. HIND</td> </tr> </tbody> </table> | REV | DATE | REVISION DETAILS | APPROVED | A | 17.10.16 | PRELIMINARY ISSUE | J. HIND | B | 24.11.16 | CONSENT ISSUE | J. HIND | <table border="1"> <thead> <tr> <th>SCALE</th> <th>SIZE</th> </tr> </thead> <tbody> <tr> <td>1:1000</td> <td>A1</td> </tr> </tbody> </table> | SCALE | SIZE | 1:1000 | A1 | <table border="1"> <thead> <tr> <th colspan="2">PRELIMINARY NOT FOR CONSTRUCTION</th> </tr> </thead> <tbody> <tr> <td>APPROVED</td> <td>DATE 17/10/16</td> </tr> <tr> <td>J. HIND</td> <td></td> </tr> <tr> <td>J. HIND</td> <td></td> </tr> </tbody> </table> | PRELIMINARY NOT FOR CONSTRUCTION | | APPROVED | DATE 17/10/16 | J. HIND | | J. HIND | | <table border="1"> <thead> <tr> <th>PROJECT</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>NORTHERN CORRIDOR IMPROVEMENTS</td> <td>STORMWATER CATCHMENT PLAN SHEET 8</td> </tr> </tbody> </table> | PROJECT | TITLE | NORTHERN CORRIDOR IMPROVEMENTS | STORMWATER CATCHMENT PLAN SHEET 8 |
|---|-----------------------------------|---|-------------|------------------|------------------|----------|--------|----------|-------------------|---------|------|----------|---------------|---------|--|-------|------|--------|----|--|----------------------------------|--|----------|---------------|---------|--|---------|--|--|---------|-------|--------------------------------|-----------------------------------|
| | | REV | DATE | REVISION DETAILS | APPROVED | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | 17.10.16 | PRELIMINARY ISSUE | J. HIND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | 24.11.16 | CONSENT ISSUE | J. HIND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE | SIZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1:1000 | A1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRELIMINARY NOT FOR CONSTRUCTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED | DATE 17/10/16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J. HIND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J. HIND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROJECT | TITLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN CORRIDOR IMPROVEMENTS | STORMWATER CATCHMENT PLAN SHEET 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>DRAWING No.</th> <th>PROJECT No.</th> <th>STAGE</th> <th>WP</th> <th>TYPE</th> <th>NUMBER</th> <th>REV</th> </tr> </thead> <tbody> <tr> <td>250310</td> <td>3PRE</td> <td>3DES</td> <td>DRG</td> <td>1468</td> <td>B</td> <td></td> </tr> </tbody> </table> | | DRAWING No. | PROJECT No. | STAGE | WP | TYPE | NUMBER | REV | 250310 | 3PRE | 3DES | DRG | 1468 | B | | | | | | | | | | | | | | | | | | | |
| DRAWING No. | PROJECT No. | STAGE | WP | TYPE | NUMBER | REV | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250310 | 3PRE | 3DES | DRG | 1468 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NOTES

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4. CATCHMENT BOUNDARIES INCLUDE BOTH IMPERVIOUS AND PERVIOUS AREAS.
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PROPRIETARY DEVICE SF-PM2AH-1

| CATCHMENT AREA | (ha) |
|------------------------|-------------|
| IMPERVIOUS | 4.36 |
| PERVIOUS | 1.70 |
| AREA TREATED | (ha) |
| EXISTING HIGH USE ROAD | 0.00 |
| PROPOSED HIGH USE ROAD | 4.10 |

BLUEBIRD WETLAND

| CATCHMENT AREA | (ha) |
|------------------------|------------------------|
| IMPERVIOUS | 2.68 |
| PERVIOUS | 0.60 |
| AREA TREATED | (ha) |
| EXISTING HIGH USE ROAD | 0.00 |
| PROPOSED HIGH USE ROAD | 2.43 |
| VOLUMES | (m³) |
| WATER QUALITY VOLUME | 425 |
| DETENTION VOLUME | 480 |
| TOTAL LIVE VOLUME | 1960 |

PAUL MATTHEWS TO ALBANY HIGHWAY (PM2AH)

| IMPERVIOUS AREAS | (ha) |
|------------------------------|-------------|
| EXISTING HIGH USE ROAD | 4.33 |
| NEW HIGH USE ROAD | 2.19 |
| NEW BUSWAY & SHARED-USE PATH | 0.51 |
| TOTAL IMP | 7.03 |
| TREATMENT | (ha) |
| EXISTING HIGH USE ROAD | 0.00 |
| PROPOSED HIGH USE ROAD | 6.53 |
| (298% OF NEW HUR TREATED) | |
| (100% OF TOTAL HUR TREATED) | |

LEGEND

| | | | | |
|--|--|---|--|------|
| EXISTING DESIGNATION BOUNDARY | PROPOSED CATCHMENT EX ALPURT A1 POND 34 | SUB-CATCHMENT BOUNDARY | PROPOSED TREATMENT | OV2M |
| ALTERATION TO EXISTING DESIGNATION BOUNDARY | PROPOSED CATCHMENT EX ALPURT A1 POND 35 | PROPOSED TREATMENT AND DETENTION | PROPOSED TREATMENT, DETENTION AND 10-YEAR ATTENUATION | |
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| PROPOSED CATCHMENT MCCLYMONT'S WETLAND | PROPOSED CATCHMENT BLUEBIRD WETLAND | PROPOSED SWALE | LOW POINT | |
| PROPOSED CATCHMENT GREVILLE WETLAND | PROPOSED CATCHMENT PROPRIETARY DEVICE SF-PM2AH-1 | | | |

Project No: 251012012-24203.m. Office: NZAK. Rev: 1.0. Date: 25/11/2012 12:24:20 PM.



| REV | DATE | REVISION DETAILS | APPROVED |
|-----|----------|-------------------|----------|
| A | 17.10.16 | PRELIMINARY ISSUE | J. HIND |
| B | 24.11.16 | CONSENT ISSUE | J. HIND |

| | |
|----------|---------------|
| SCALE | 1:1000 |
| SIZE | A1 |
| DRAWN | V. SMITH |
| DESIGNED | D. HUGHES |
| CHECKED | D. MACKINTOSH |

| |
|----------------------------------|
| PRELIMINARY NOT FOR CONSTRUCTION |
| APPROVED |
| J. HIND |
| J. HIND |

| | | | | |
|-------------|-----------------------------------|-------|------|------|
| PROJECT | NORTHERN CORRIDOR IMPROVEMENTS | | | |
| TITLE | STORMWATER CATCHMENT PLAN SHEET 9 | | | |
| DRAWING No. | PROJECT No. | STAGE | WP | TYPE |
| 250310 | 250310 | 3PRE | 3DES | DRG |
| NUMBER | REV | | | |
| 1469 | B | | | |

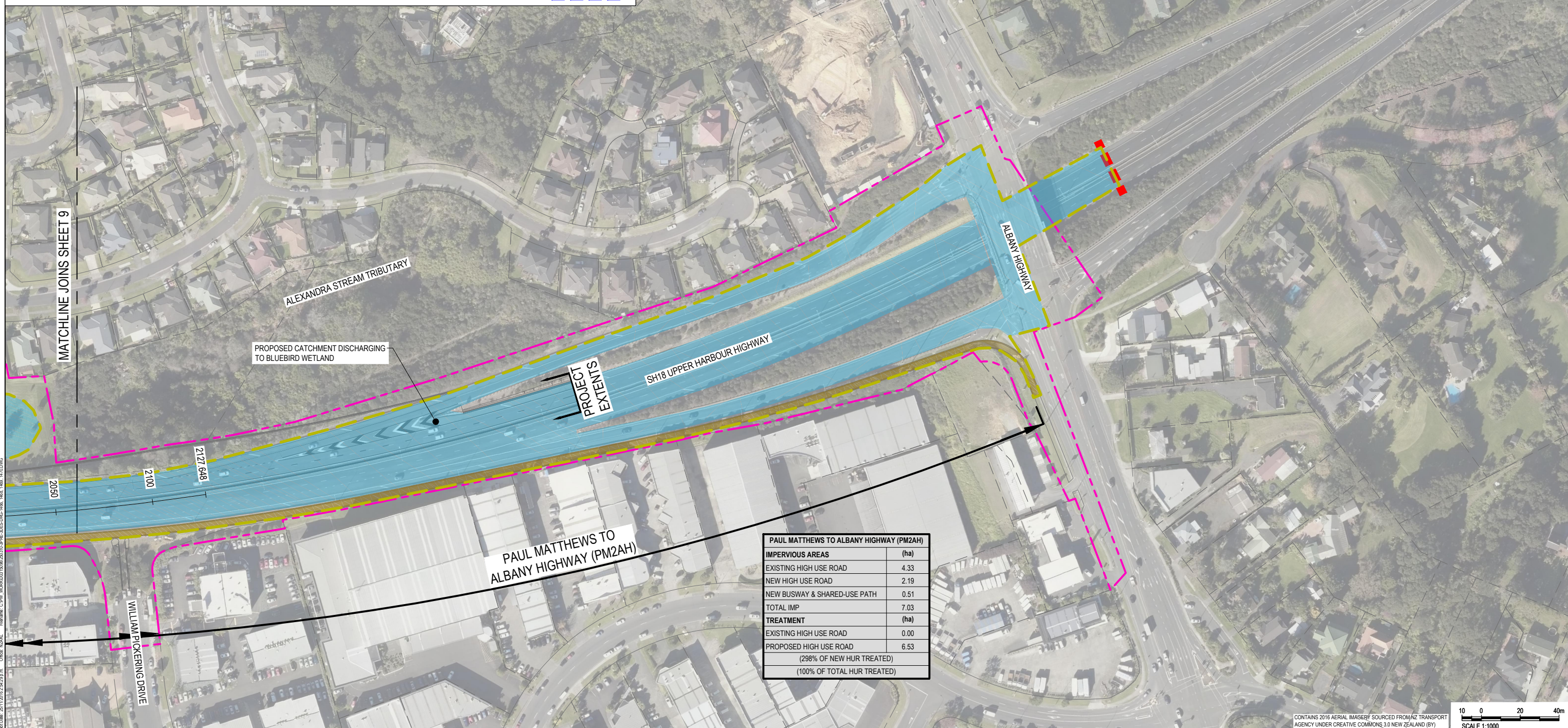
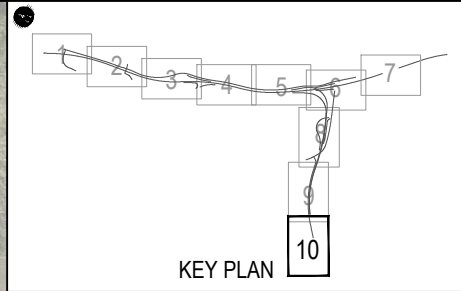
CONTAINS 2016 AERIAL IMAGERY SOURCED FROM NZ TRANSPORT AGENCY UNDER CREATIVE COMMONS 3.0 NEW ZEALAND (BY) SCALE 1:1000

LEGEND

| | | | | | | | |
|--|--|--|--|--|--|------|--|
| EXISTING DESIGNATION BOUNDARY | | PROPOSED CATCHMENT EX ALPURT A1 POND 34 | | SUB-CATCHMENT BOUNDARY | | OV2M | |
| ALTERATION TO EXISTING DESIGNATION BOUNDARY | | PROPOSED CATCHMENT EX ALPURT A1 POND 35 | | PROPOSED TREATMENT | | | |
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| PROPOSED CATCHMENT GREVILLE WETLAND | | PROPOSED CATCHMENT PROPRIETARY DEVICE SF-PM2AH-1 | | PROPOSED SWALE | | | |
| | | | | HIGH POINT | | | |
| | | | | LOW POINT | | | |

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1. ALL AREAS ARE IN HECTARES UNLESS OTHERWISE SHOWN.
2. CATCHMENTS HAVE BEEN DERIVED FROM THE NCI GEOMETRIC MODEL (DATED 20 SEPTEMBER 2016) AND EXISTING SURVEY INFORMATION (TOPOGRAPHIC AND AC GIS).
3. CATCHMENT AREAS FOR EXISTING PONDS ARE NOT SHOWN ON THIS DRAWING SET.
4. CATCHMENT BOUNDARIES INCLUDE BOTH IMPERVIOUS AND PERVIOUS AREAS. HIGHLIGHTED AREAS INDICATE IMPERVIOUS AREAS PROPOSED TO BE MITIGATED.
5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE STORMWATER LAYOUT PLANS (DRG-1400 SERIES).



| PAUL MATTHEWS TO ALBANY HIGHWAY (PM2AH) | |
|---|------|
| IMPERVIOUS AREAS | (ha) |
| EXISTING HIGH USE ROAD | 4.33 |
| NEW HIGH USE ROAD | 2.19 |
| NEW BUSWAY & SHARED-USE PATH | 0.51 |
| TOTAL IMP | 7.03 |
| TREATMENT | (ha) |
| EXISTING HIGH USE ROAD | 0.00 |
| PROPOSED HIGH USE ROAD | 6.53 |
| (298% OF NEW HUR TREATED) | |
| (100% OF TOTAL HUR TREATED) | |

Proj Date: 25/11/2016 12:54:29 PM, Office: NZAL, Filename: C:\PM\WORK\003\19\26\2010\SPR\30ES-DRG-1406-1468-1468-1470.DWG

CONTAINS 2016 AERIAL IMAGERY SOURCED FROM NZ TRANSPORT AGENCY UNDER CREATIVE COMMONS 3.0 NEW ZEALAND (BY) SCALE 1:1000



| REV | DATE | REVISION DETAILS | APPROVED |
|-----|----------|-------------------|----------|
| A | 17.10.16 | PRELIMINARY ISSUE | J. HIND |
| B | 24.11.16 | CONSENT ISSUE | J. HIND |

| | |
|----------|---------------|
| SCALE | 1:1000 |
| SIZE | A1 |
| DRAWN | V. SMITH |
| DESIGNED | D. HUGHES |
| CHECKED | D. MACKINTOSH |

| |
|----------------------------------|
| PRELIMINARY NOT FOR CONSTRUCTION |
| APPROVED |
| J. HIND |
| J. HIND |

| | | | | | |
|-------------|------------------------------------|-------|------|------|--------|
| PROJECT | NORTHERN CORRIDOR IMPROVEMENTS | | | | |
| TITLE | STORMWATER CATCHMENT PLAN SHEET 10 | | | | |
| DRAWING No. | PROJECT No. | STAGE | WP | TYPE | NUMBER |
| 250310 | 250310 | 3PRE | 3DES | DRG | 1470 |
| REV | | | | | B |