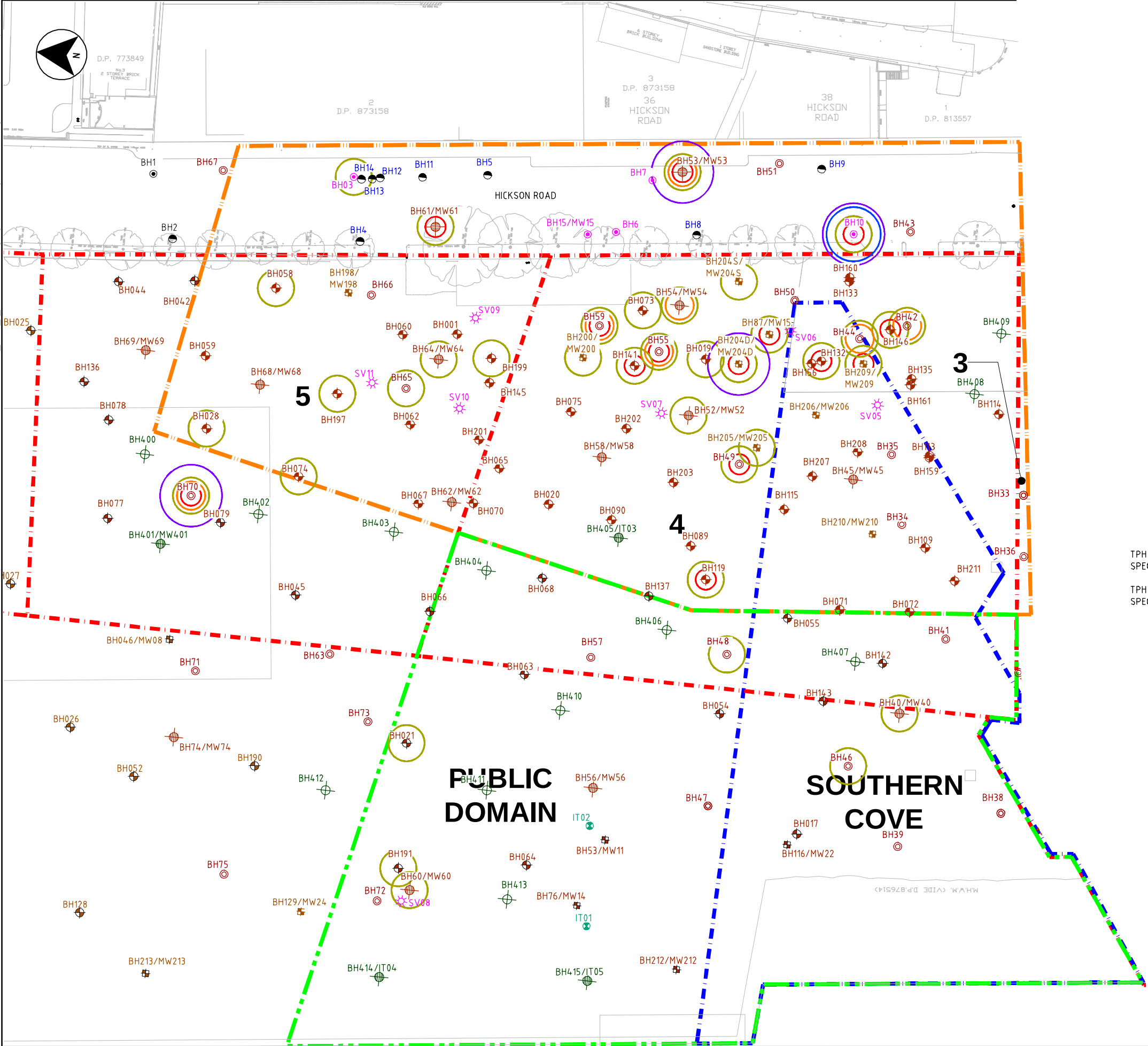


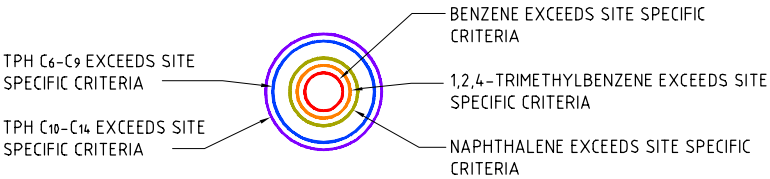
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Last modified: 12 May 11 - 16:37



LEGEND

- COFFEY BOREHOLE LOCATION
- COFFEY GROUNDWATER WELL LOCATION
- ERM BOREHOLE LOCATION
- ERM GROUNDWATER MONITORING WELL LOCATION
- AECOM BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI GROUNDWATER MONITORING WELL LOCATION
- AECOM GROUNDWATER MONITORING WELL LOCATION
- AECOM SOIL VAPOUR LOCATION
- AECOM INTERTIDAL WELL LOCATION
- AECOM STILLING WELL LOCATION

- VMP/PDA REMEDIATION WORKS AREA BOUNDARY
- OTHER REMEDIATION WORKS (NORTH) BOUNDARY
- PROPOSED DEVELOPMENT AREA BOUNDARIES
- PROPOSED SOUTHERN COVE BOUNDARY
- APPROXIMATE EXTENT OF FORMER GASWORKS FEATURES
- PROPOSED DEVELOPMENT BLOCK AREA



NOTE:  
LOCATION OF COFFEY GROUNDWATER WELLS ARE APPROXIMATE ONLY.

This drawing is confidential and shall only be used for the purposes of this project.

| REVISIONS | No. | BY         | DATE | DESCRIPTION | APPD |
|-----------|-----|------------|------|-------------|------|
| 01        | SS  | 28.03.2011 |      |             | AKL  |

SCALES:

5000 0 5000 10000 15000mm

1:500 FULL SIZE A1

|                                                                                                                                                                                        |     |         |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|------------|
| THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM QUALITY ASSURANCE SYSTEM TO ISO 9001-2000 |     |         |            |
| DESIGNED                                                                                                                                                                               | GW  | CHECKED | AKL        |
| DRAWN                                                                                                                                                                                  | SS  | CHECKED | JA         |
| APPROVED                                                                                                                                                                               | AKL | DATE    | 28.03.2011 |

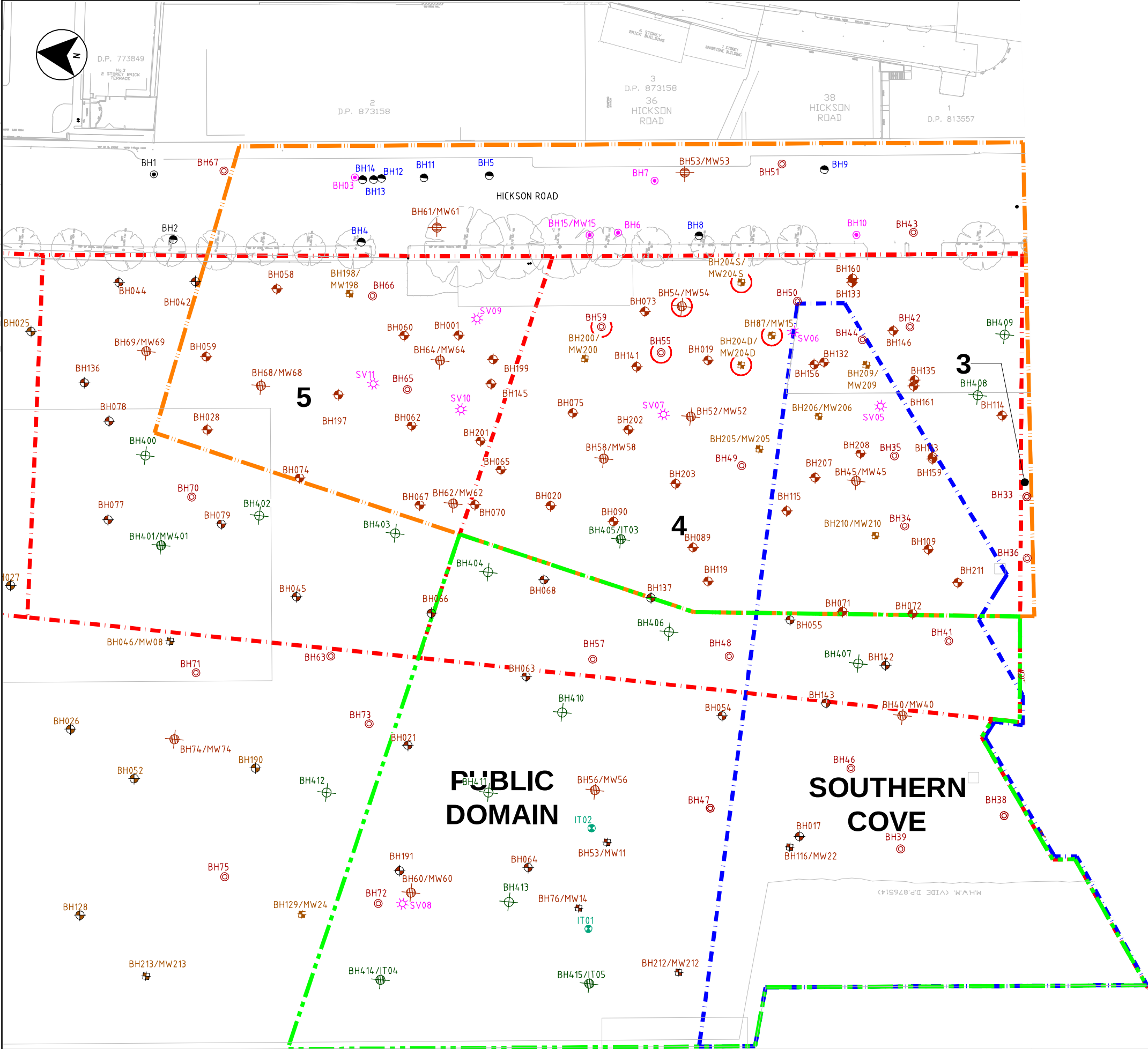
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| DESIGNER:                                     |
| <b>AECOM</b>                                  |
| AECOM Australia Pty Ltd A.B.N. 20 093 846 925 |

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| DESIGNER:                                     |
| <b>AECOM</b>                                  |
| AECOM Australia Pty Ltd A.B.N. 20 093 846 925 |

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| DESIGNER:                                     |
| <b>AECOM</b>                                  |
| AECOM Australia Pty Ltd A.B.N. 20 093 846 925 |

| HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT                         |                           |      |
|---------------------------------------------------------------------|---------------------------|------|
| FIGURE F8<br>SOIL EXCEEDENCES - SCENARIO 2:<br>UPPER LEVEL BASEMENT |                           |      |
| STATUS:                                                             | DRAWING NO:               | REV: |
| FINAL                                                               | 60104064-DRG-10-PHHERA-F8 | 01   |

Cad ref: K:\A1010\064-Blocks\_4\_SIS\_CADD\53 Working\Drwg\A1010\064-drg-10-PHHERA-F9.dwg  
Last modified: 12 May 11 - 16:37



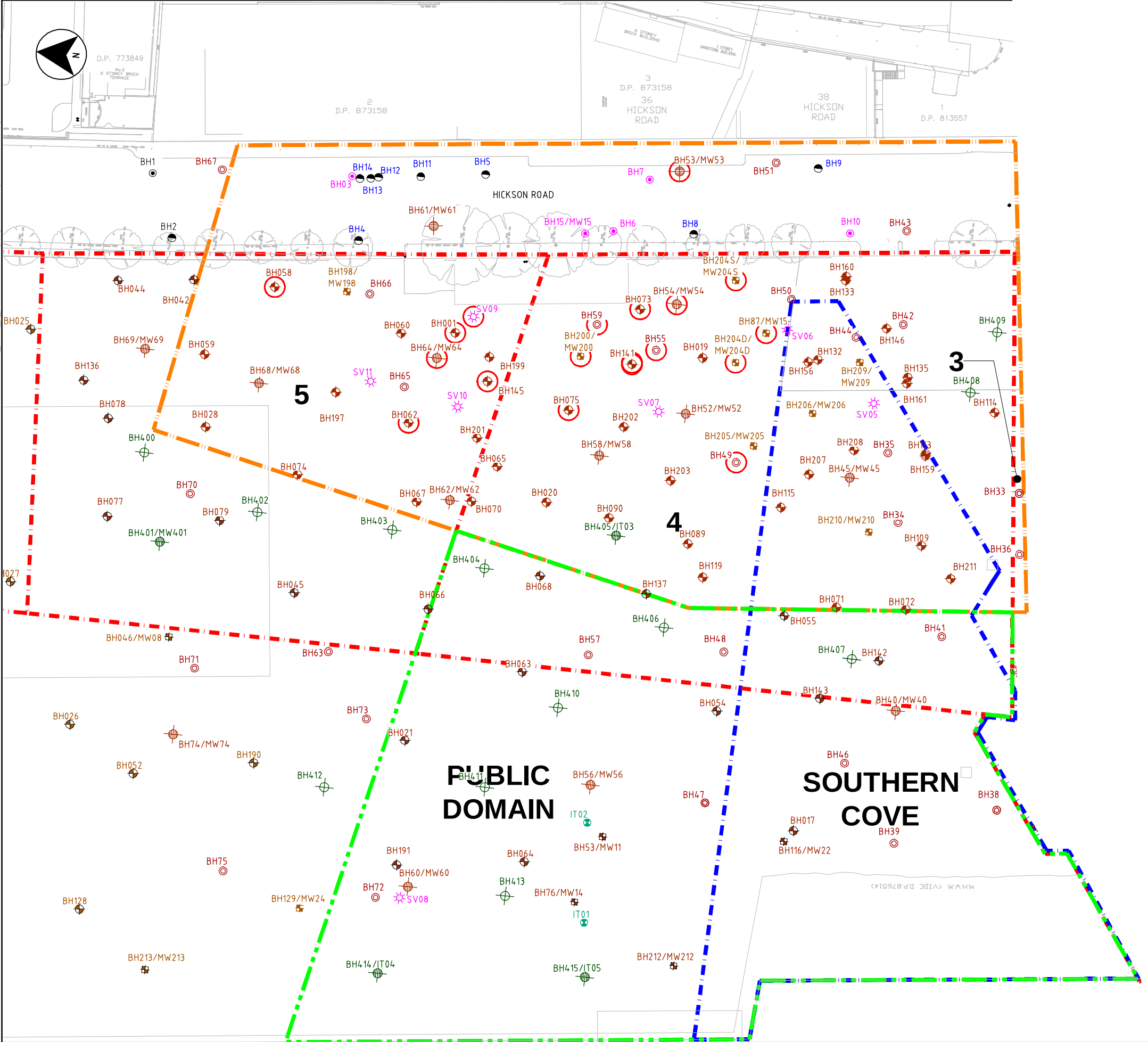
LEGEND

- COFFEY BOREHOLE LOCATION
- COFFEY GROUNDWATER WELL LOCATION
- ERM BOREHOLE LOCATION
- ERM GROUNDWATER MONITORING WELL LOCATION
- AECOM BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI GROUNDWATER MONITORING WELL LOCATION
- AECOM GROUNDWATER MONITORING WELL LOCATION
- AECOM SOIL VAPOUR LOCATION
- AECOM INTERTIDAL WELL LOCATION
- AECOM STILLING WELL LOCATION

- VMP/PDA REMEDIATION WORKS AREA BOUNDARY
- OTHER REMEDIATION WORKS (NORTH) BOUNDARY
- PROPOSED DEVELOPMENT AREA BOUNDARIES
- PROPOSED SOUTHERN COVE BOUNDARY
- PAPPROXIMATE EXTENT OF FORMER GASWORKS FEATURES
- PROPOSED DEVELOPMENT BLOCK AREA
- NAPHTHALENE EXCEEDS SITE SPECIFIC CRITERIA

NOTE:  
LOCATION OF COFFEY GROUNDWATER WELLS ARE APPROXIMATE ONLY.

|                                                                                       |  |  |  |  |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |                                                                                                                                            |  |  |  |  |  |  |  |  |  |                                                                                          |  |  |  |  |  |  |  |  |  |                                       |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
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| This drawing is confidential and shall only be used for the purposes of this project. |  |  |  |  |  |  |  |  |  | SCALES:                                                                              |  |  |  |  |  |  |  |  |  | THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM QUALITY ASSURANCE SYSTEM TO ISO 9001-2000 |  |  |  |  |  |  |  |  |  | DESIGNER:                                                                                                                                  |  |  |  |  |  |  |  |  |  | HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT                                              |  |  |  |  |  |  |  |  |  |                                       |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
| REVISIONS                                                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | DESIGNED GW CHECKED AKL                                                                                                                                                                |  |  |  |  |  |  |  |  |  | <br><br>AECOM Australia Pty Ltd A.B.N. 20 093 846 925 |  |  |  |  |  |  |  |  |  | FIGURE F9<br>SOIL EXCEEDENCES – SCENARIO 5:<br>COMMERCIAL SLAB ON GROUND (UPPER 2m ONLY) |  |  |  |  |  |  |  |  |  |                                       |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                       |  |  |  |  |  |  |  |  |  | DRAWN SS CHECKED JA                                                                  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |                                                                                                                                            |  |  |  |  |  |  |  |  |  |                                                                                          |  |  |  |  |  |  |  |  |  |                                       |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                       |  |  |  |  |  |  |  |  |  | APPROVED AKL DATE 28.03.2011                                                         |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |                                                                                                                                            |  |  |  |  |  |  |  |  |  |                                                                                          |  |  |  |  |  |  |  |  |  |                                       |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
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| 01 SS 28.03.2011                                                                      |  |  |  |  |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |                                                                                                                                            |  |  |  |  |  |  |  |  |  | STATUS: FINAL                                                                            |  |  |  |  |  |  |  |  |  | DRAWING NO: 60104064-DRG-10-PHHERA-F9 |  |  |  |  |  |  |  |  |  | REV: 01 |  |  |  |  |  |  |  |  |  |
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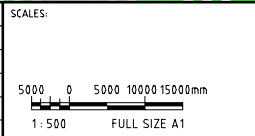
LEGEND

- COFFEY BOREHOLE LOCATION
- COFFEY GROUNDWATER WELL LOCATION
- ERM BOREHOLE LOCATION
- ERM GROUNDWATER MONITORING WELL LOCATION
- AECOM BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI GROUNDWATER MONITORING WELL LOCATION
- AECOM GROUNDWATER MONITORING WELL LOCATION
- AECOM SOIL VAPOUR LOCATION
- AECOM INTERTIDAL WELL LOCATION
- AECOM STILLING WELL LOCATION

- VMP/PDA REMEDIATION WORKS AREA BOUNDARY
- OTHER REMEDIATION WORKS (NORTH) BOUNDARY
- PROPOSED DEVELOPMENT AREA BOUNDARIES
- PROPOSED SOUTHERN COVE BOUNDARY
- APPROXIMATE EXTENT OF FORMER GASWORKS FEATURES
- PROPOSED DEVELOPMENT BLOCK AREA
- CARCINOGENIC PAHs EXCEEDS SITE SPECIFIC CRITERIA

NOTE:  
LOCATION OF COFFEY GROUNDWATER WELLS ARE APPROXIMATE ONLY.

|                                                                                       |     |    |            |             |
|---------------------------------------------------------------------------------------|-----|----|------------|-------------|
| This drawing is confidential and shall only be used for the purposes of this project. |     |    |            |             |
| REVISIONS                                                                             | No. | BY | DATE       | DESCRIPTION |
|                                                                                       | 01  | SS | 28.03.2011 | AKL         |
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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|------------|
| THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM QUALITY ASSURANCE SYSTEM TO ISO 9001-2000 |     |         |            |
| DESIGNED                                                                                                                                                                               | GW  | CHECKED | AKL        |
| DRAWN                                                                                                                                                                                  | SS  | CHECKED | JA         |
| APPROVED                                                                                                                                                                               | AKL | DATE    | 28.03.2011 |

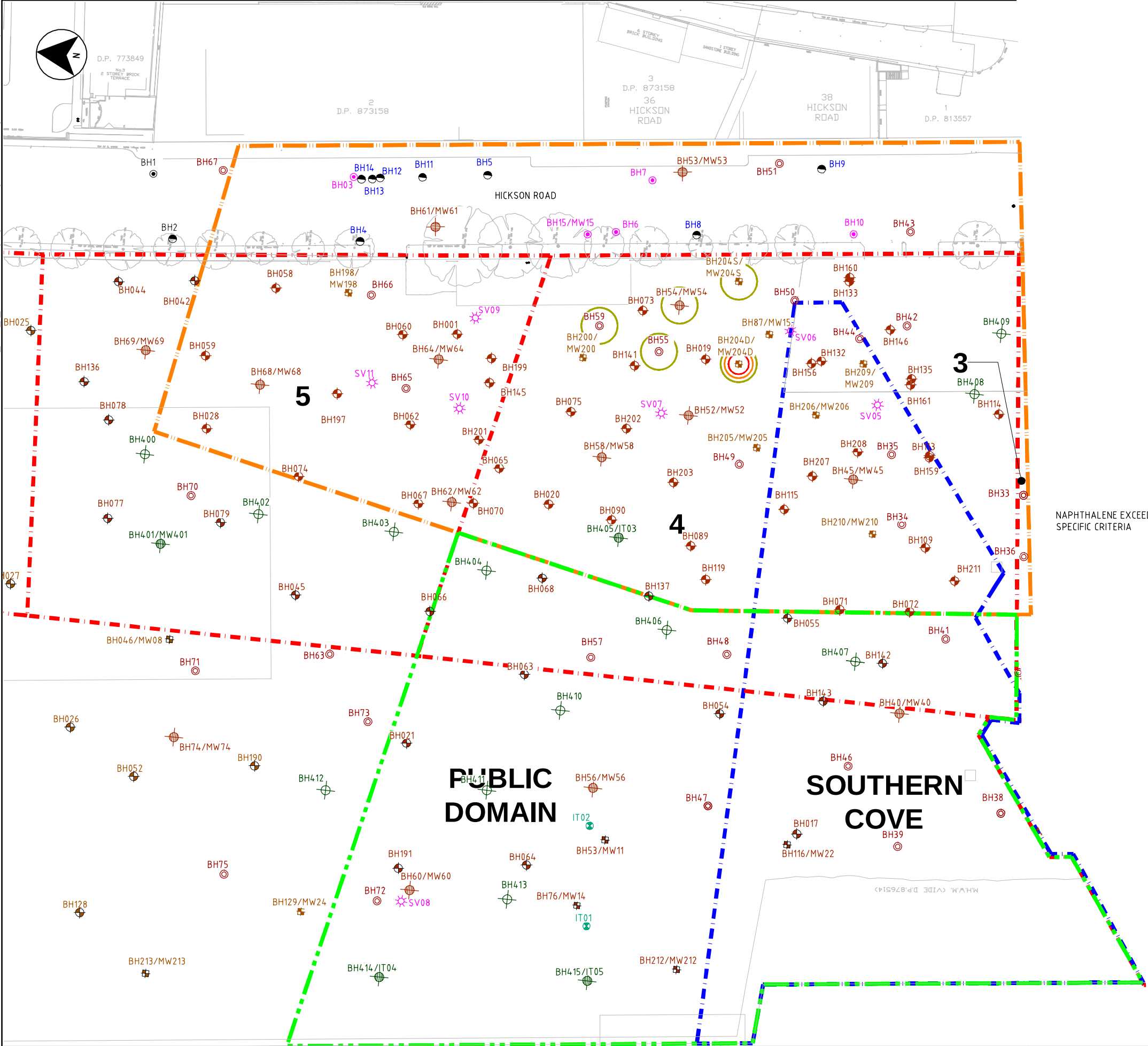
DESIGNER:

**AECOM**

AECOM Australia Pty Ltd A.B.N. 20 093 846 925

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|---------------------------------------------------------------------------------------|----------------------------|---------|
| HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT                                           |                            |         |
| FIGURE F10<br>SOIL EXCEEDENCES - SCENARIO 6:<br>INTRUSIVE MAINTENANCE (UPPER 2m ONLY) |                            |         |
| STATUS:                                                                               | FINAL                      | REV: 01 |
| DRAWING NO:                                                                           | 60104064-DRG-10-PHHERA-F10 |         |

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Last modified: 12 May 11 - 16:34



LEGEND

- COFFEY BOREHOLE LOCATION
- COFFEY GROUNDWATER WELL LOCATION
- ERM BOREHOLE LOCATION
- ERM GROUNDWATER MONITORING WELL LOCATION
- AECOM BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI GROUNDWATER MONITORING WELL LOCATION
- AECOM GROUNDWATER MONITORING WELL LOCATION
- AECOM SOIL VAPOUR LOCATION
- AECOM INTERTIDAL WELL LOCATION
- AECOM STILLING WELL LOCATION
- VMP/PDA REMEDIATION WORKS AREA BOUNDARY
- OTHER REMEDIATION WORKS (NORTH) BOUNDARY
- PROPOSED DEVELOPMENT AREA BOUNDARIES
- PROPOSED SOUTHERN COVE BOUNDARY
- PAPPROXIMATE EXTENT OF FORMER GASWORKS FEATURES
- PROPOSED DEVELOPMENT BLOCK AREA

NAPHTHALENE EXCEEDS SITE SPECIFIC CRITERIA

BENZENE EXCEEDS SITE SPECIFIC CRITERIA

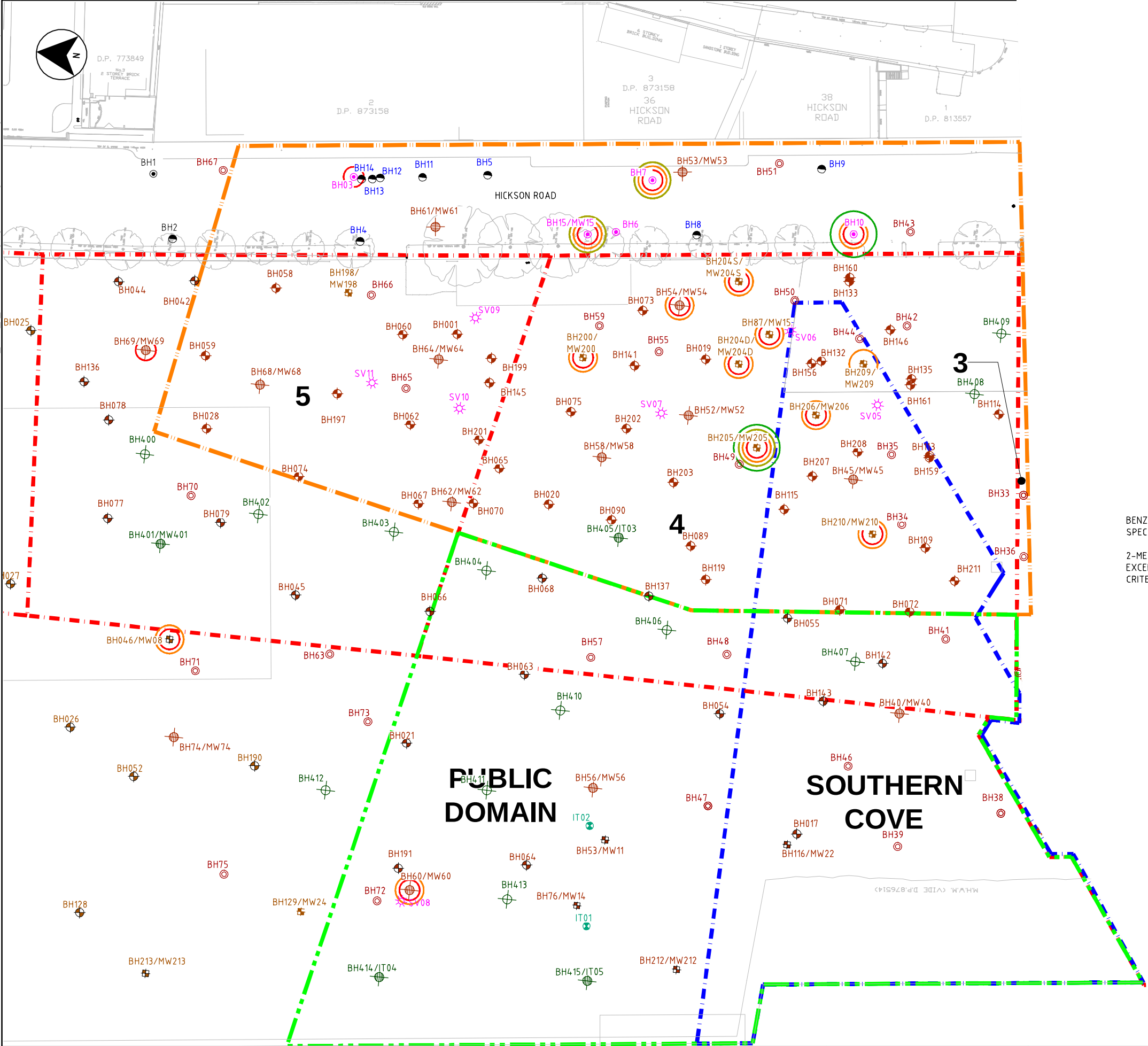
TPH C10-C14 EXCEEDS SITE SPECIFIC CRITERIA

NOTE:  
LOCATION OF COFFEY GROUNDWATER WELLS ARE APPROXIMATE ONLY.

|                                                                                                 |     |    |            |             |                                                                                                                                                                                        |  |  |     |           |                                                                                       |                                                                                            |  |                                        |         |  |
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| This drawing is confidential and shall only be used for the purposes of this project.           |     |    |            |             | THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM QUALITY ASSURANCE SYSTEM TO ISO 9001-2000 |  |  |     | DESIGNER: |                                                                                       | HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT                                                |  |                                        |         |  |
| REVISIONS                                                                                       |     |    |            |             |                                                                                                                                                                                        |  |  |     |           |  | FIGURE F11<br>SOIL EXCEEDENCES – SCENARIO 7:<br>HIGH DENSITY RESIDENTIAL (UPPER 2m ONLY Y) |  |                                        |         |  |
|                                                                                                 |     |    |            |             |                                                                                                                                                                                        |  |  |     |           |                                                                                       |                                                                                            |  |                                        |         |  |
|                                                                                                 |     |    |            |             |                                                                                                                                                                                        |  |  |     |           |                                                                                       |                                                                                            |  |                                        |         |  |
|                                                                                                 |     |    |            |             |                                                                                                                                                                                        |  |  |     |           |                                                                                       |                                                                                            |  |                                        |         |  |
|                                                                                                 | 01  | SS | 28.03.2011 |             |                                                                                                                                                                                        |  |  |     |           |                                                                                       | STATUS: FINAL                                                                              |  | DRAWING NO: 60104064-DRG-10-PHHERA-F11 | REV: 01 |  |
|                                                                                                 | No. | BY | DATE       | DESCRIPTION |                                                                                                                                                                                        |  |  | AKL | APPD      |                                                                                       |                                                                                            |  |                                        |         |  |
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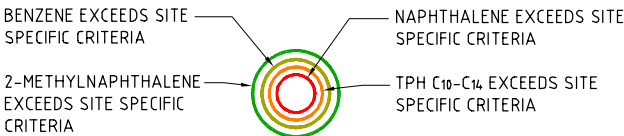
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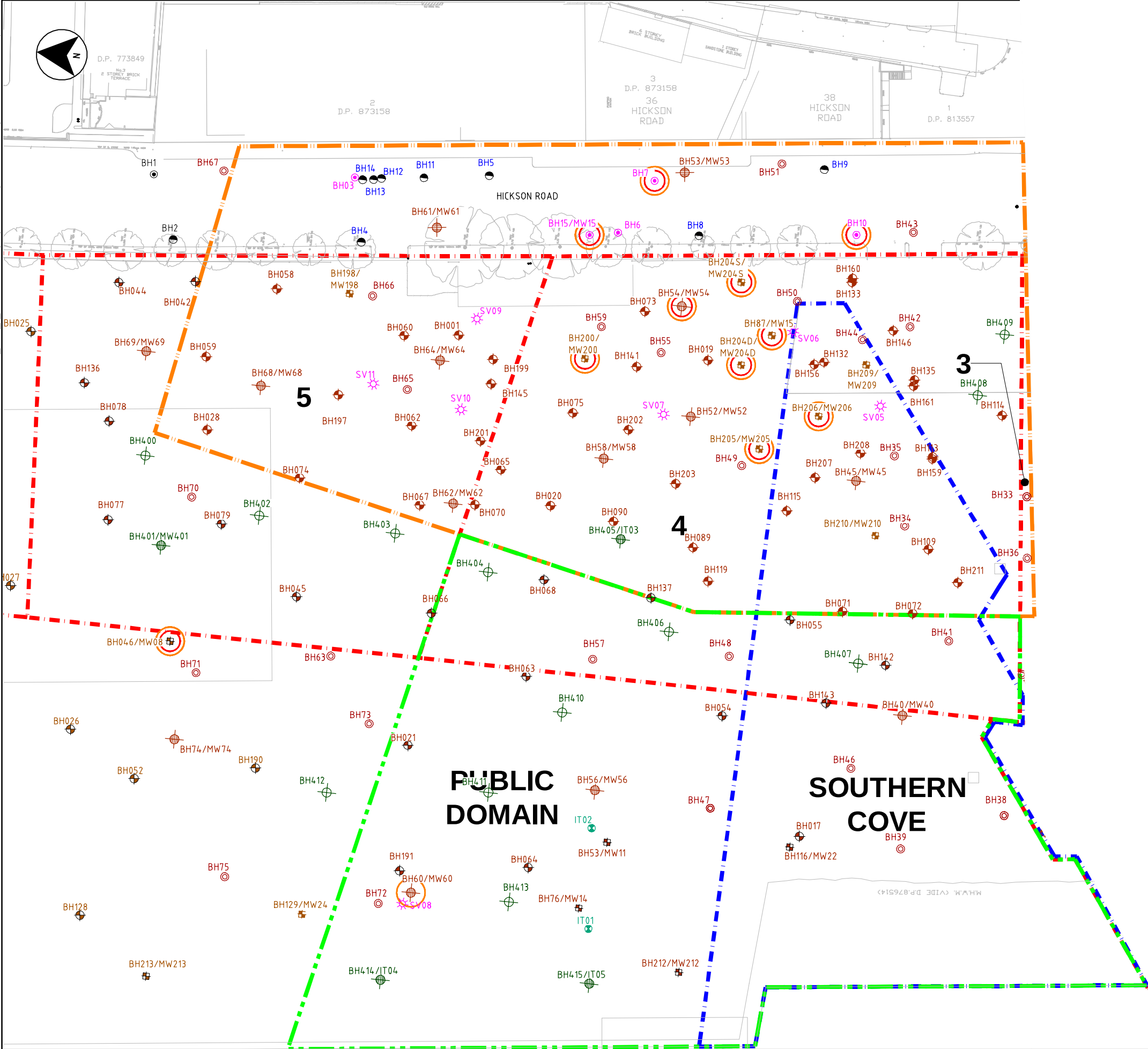
- COFFEY BOREHOLE LOCATION
- COFFEY GROUNDWATER WELL LOCATION
- ERM BOREHOLE LOCATION
- ERM GROUNDWATER MONITORING WELL LOCATION
- AECOM BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI GROUNDWATER MONITORING WELL LOCATION
- AECOM GROUNDWATER MONITORING WELL LOCATION
- AECOM SOIL VAPOUR LOCATION
- AECOM INTERTIDAL WELL LOCATION
- AECOM STILLING WELL LOCATION

- VMP/PDA REMEDIATION WORKS AREA BOUNDARY
- OTHER REMEDIATION WORKS (NORTH) BOUNDARY
- PROPOSED DEVELOPMENT AREA BOUNDARIES
- PROPOSED SOUTHERN COVE BOUNDARY
- PAPPROXIMATE EXTENT OF FORMER GASWORKS FEATURES
- PROPOSED DEVELOPMENT BLOCK AREA



NOTE:  
LOCATION OF COFFEY GROUNDWATER WELLS ARE APPROXIMATE ONLY.

|                                                                                       |  |  |  |  |                                                                                                                                                                                        |  |     |         |                                                                                    |            |                                                                       |  |                                        |  |         |  |
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| REVISIONS                                                                             |  |  |  |  |                                                                                                    |  |     |         |                                                                                    |            | FIGURE F12<br>GROUNDWATER EXCEEDENCES – SCENARIO 1:<br>LOWER BASEMENT |  |                                        |  |         |  |
|                                                                                       |  |  |  |  | DESIGNED                                                                                                                                                                               |  | GW  | CHECKED |                                                                                    | AKL        |                                                                       |  |                                        |  |         |  |
|                                                                                       |  |  |  |  | DRAWN                                                                                                                                                                                  |  | SS  | CHECKED |                                                                                    | JA         |                                                                       |  |                                        |  |         |  |
|                                                                                       |  |  |  |  | APPROVED                                                                                                                                                                               |  | AKL | DATE    |                                                                                    | 28.03.2011 |                                                                       |  |                                        |  |         |  |
| 01 SS 28.03.2011                                                                      |  |  |  |  |                                                                                                                                                                                        |  |     |         |                                                                                    |            |                                                                       |  |                                        |  |         |  |
| No. BY DATE DESCRIPTION                                                               |  |  |  |  | AKL APPD                                                                                                                                                                               |  |     |         |                                                                                    |            | STATUS: FINAL                                                         |  | DRAWING NO: 60104064-DRG-10-PHHERA-F12 |  | REV: 01 |  |



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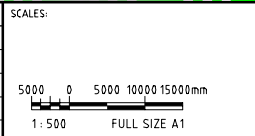
- COFFEY BOREHOLE LOCATION
- COFFEY GROUNDWATER WELL LOCATION
- ERM BOREHOLE LOCATION
- ERM GROUNDWATER MONITORING WELL LOCATION
- AECOM BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI GROUNDWATER MONITORING WELL LOCATION
- AECOM GROUNDWATER MONITORING WELL LOCATION
- AECOM SOIL VAPOUR LOCATION
- AECOM INTERTIDAL WELL LOCATION
- AECOM STILLING WELL LOCATION

- VMP/PDA REMEDIATION WORKS AREA BOUNDARY
- OTHER REMEDIATION WORKS (NORTH) BOUNDARY
- PROPOSED DEVELOPMENT AREA BOUNDARIES
- PROPOSED SOUTHERN COVE BOUNDARY
- APPROXIMATE EXTENT OF FORMER GASWORKS FEATURES
- PROPOSED DEVELOPMENT BLOCK AREA

- NAPHTHALENE EXCEEDS SITE SPECIFIC CRITERIA
- TPH C10-C14 EXCEEDS SITE SPECIFIC CRITERIA

NOTE:  
LOCATION OF COFFEY GROUNDWATER WELLS ARE APPROXIMATE ONLY.

|                                                                                       |    |            |             |      |
|---------------------------------------------------------------------------------------|----|------------|-------------|------|
| This drawing is confidential and shall only be used for the purposes of this project. |    |            |             |      |
| REVISIONS                                                                             |    |            |             |      |
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| 01                                                                                    | SS | 28.03.2011 |             | AKL  |
| No.                                                                                   | BY | DATE       | DESCRIPTION | APPD |



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| THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM QUALITY ASSURANCE SYSTEM TO ISO 9001-2000 |     |         |            |
| DESIGNED                                                                                                                                                                               | GW  | CHECKED | AKL        |
| DRAWN                                                                                                                                                                                  | SS  | CHECKED | JA         |
| APPROVED                                                                                                                                                                               | AKL | DATE    | 28.03.2011 |

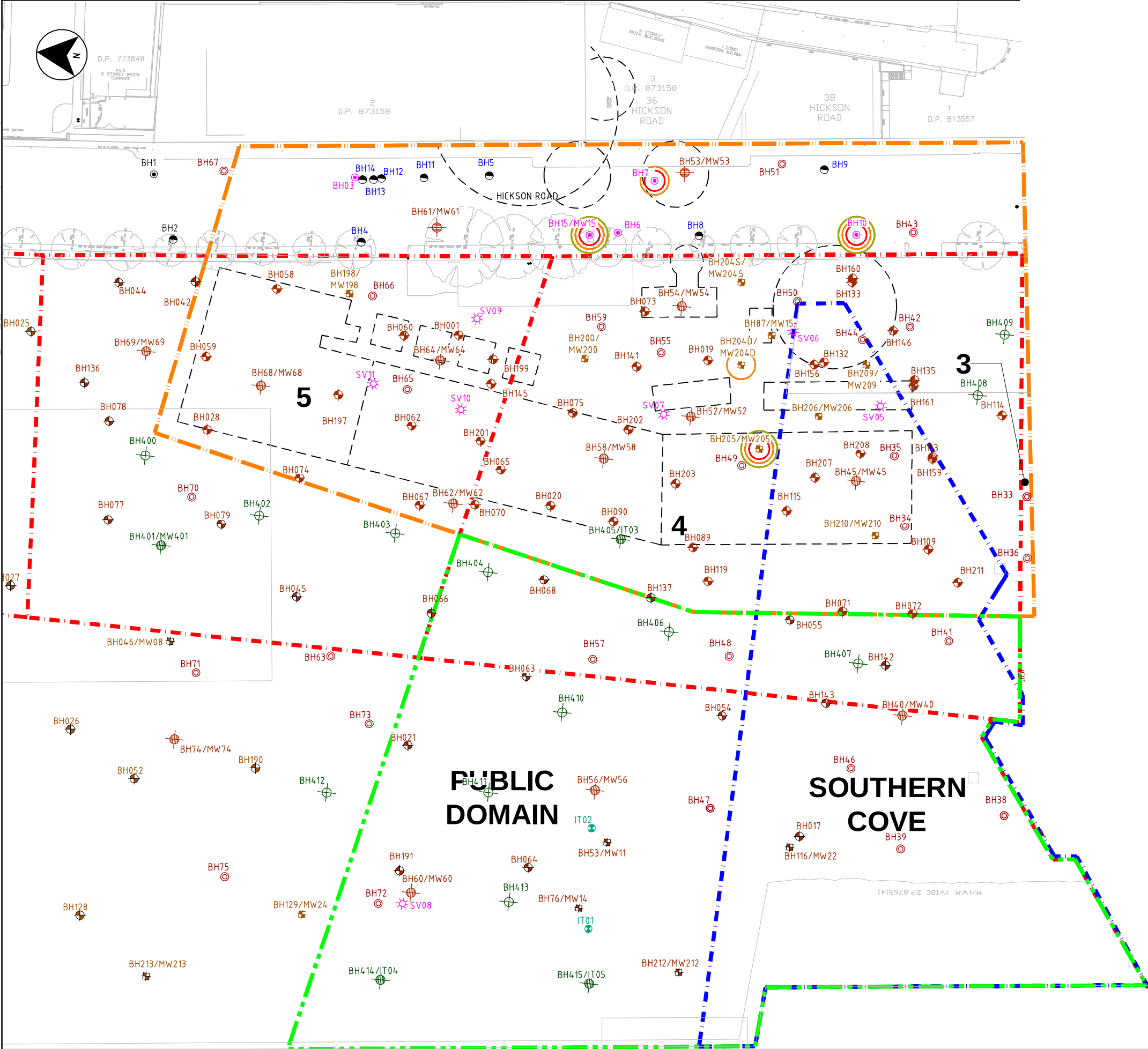
DESIGNER:

**AECOM**

AECOM Australia Pty Ltd A.B.N. 20 093 846 925

|                                                                       |                            |         |
|-----------------------------------------------------------------------|----------------------------|---------|
| HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT                           |                            |         |
| FIGURE F13<br>GROUNDWATER EXCEEDENCES - SCENARIO 2:<br>UPPER BASEMENT |                            |         |
| STATUS:                                                               | FINAL                      | REV: 01 |
| DRAWING NO:                                                           | 60104064-DRG-10-PHHERA-F13 |         |

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Last modified: 12 May 11 - 16:32



LEGEND

- COFFEY BOREHOLE LOCATION
- COFFEY GROUNDWATER WELL LOCATION
- ERM BOREHOLE LOCATION
- ERM GROUNDWATER MONITORING WELL LOCATION
- AECOM BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI GROUNDWATER MONITORING WELL LOCATION
- AECOM GROUNDWATER MONITORING WELL LOCATION
- AECOM SOIL VAPOUR LOCATION
- AECOM INTERTIDAL WELL LOCATION
- AECOM STILLING WELL LOCATION

- VMP/PDA REMEDIATION WORKS AREA BOUNDARY
- OTHER REMEDIATION WORKS (NORTH) BOUNDARY
- PROPOSED DEVELOPMENT AREA BOUNDARIES
- PROPOSED SOUTHERN COVE BOUNDARY
- APPROXIMATE EXTENT OF FORMER GASWORKS FEATURES
- PROPOSED DEVELOPMENT BLOCK AREA

- BENZENE EXCEEDS SITE SPECIFIC CRITERIA
- TPH C10-C14 EXCEEDS SITE SPECIFIC CRITERIA
- NAPHTHALENE EXCEEDS SITE SPECIFIC CRITERIA

NOTE:  
LOCATION OF COFFEY GROUNDWATER WELLS ARE APPROXIMATE ONLY.

|                                                                                       |     |    |            |             |
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| REVISIONS                                                                             | No. | BY | DATE       | DESCRIPTION |
|                                                                                       | 01  | SS | 28.03.2011 | AKL         |

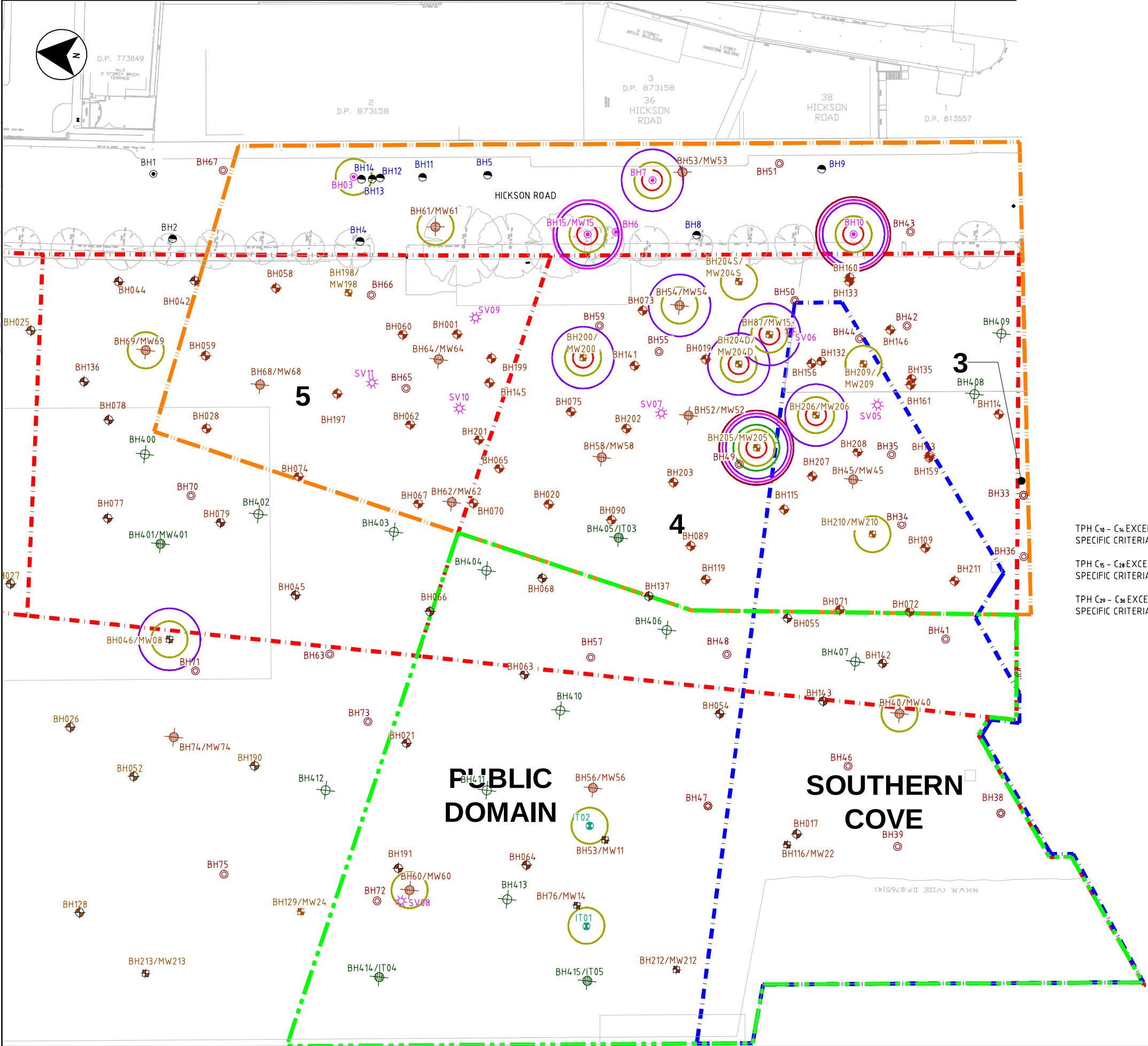
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| 1:500   | FULL SIZE A1         |

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| DRAWN                                                                                                                                                                                  | SS  | CHECKED | JA         |
| APPROVED                                                                                                                                                                               | AKL | DATE    | 28.03.2011 |

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| DESIGNER:                                     |  |
| AECOM                                         |  |
| AECOM Australia Pty Ltd A.B.N. 20 093 846 925 |  |

|                                                                                  |                            |
|----------------------------------------------------------------------------------|----------------------------|
| HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT                                      |                            |
| FIGURE F14<br>GROUNDWATER EXCEEDENCES - SCENARIO 5:<br>COMMERCIAL SLAB ON GROUND |                            |
| STATUS:                                                                          | FINAL                      |
| DRAWING NO:                                                                      | 60104064-DRG-10-PHHERA-F14 |
| REV:                                                                             | 01                         |

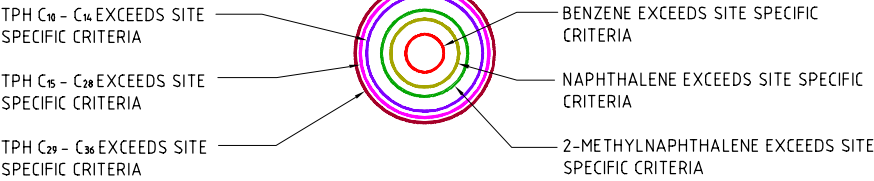
Card ref: K:\0104064\_Blocks\_4\_SIS\_CADD\53 Working\Drwg\0104064-drwg-10-PHHERA-F15.dwg  
Last modified: 12 May 11 - 16:31



LEGEND

- COFFEY BOREHOLE LOCATION
- COFFEY GROUNDWATER WELL LOCATION
- ERM BOREHOLE LOCATION
- ERM GROUNDWATER MONITORING WELL LOCATION
- AECOM BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI GROUNDWATER MONITORING WELL LOCATION
- AECOM GROUNDWATER MONITORING WELL LOCATION
- AECOM SOIL VAPOUR LOCATION
- AECOM INTERTIDAL WELL LOCATION
- AECOM STILLING WELL LOCATION

- VMP/PDA REMEDIATION WORKS AREA BOUNDARY
- OTHER REMEDIATION WORKS (NORTH) BOUNDARY
- PROPOSED DEVELOPMENT AREA BOUNDARIES
- PROPOSED SOUTHERN COVE BOUNDARY
- APPROXIMATE EXTENT OF FORMER GASWORKS FEATURES
- PROPOSED DEVELOPMENT BLOCK AREA



NOTE:  
LOCATION OF COFFEY GROUNDWATER WELLS ARE  
APPROXIMATE ONLY.

|                                                                                       |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |                                                                              |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
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| This drawing is confidential and shall only be used for the purposes of this project. |  |  |  |  |  |  |  |  |  | THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM QUALITY ASSURANCE SYSTEM TO ISO 9001-2000 |  |  |  |  |  |  |  |  |  | DESIGNER:                                     |  |  |  |  |  |  |  |  |  | HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT                                  |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
| REVISIONS                                                                             |  |  |  |  |  |  |  |  |  | DESIGNED GW CHECKED AKL                                                                                                                                                                |  |  |  |  |  |  |  |  |  | AECOM                                         |  |  |  |  |  |  |  |  |  | FIGURE F15<br>GROUNDWATER EXCEEDENCES - SCENARIO 6:<br>INTRUSIVE MAINTENANCE |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                       |  |  |  |  |  |  |  |  |  | DRAWN SS CHECKED JA                                                                                                                                                                    |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |                                                                              |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                       |  |  |  |  |  |  |  |  |  | APPROVED AKL DATE 28.03.2011                                                                                                                                                           |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |                                                                              |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
| 01 SS 28.03.2011                                                                      |  |  |  |  |  |  |  |  |  | AKL                                                                                                                                                                                    |  |  |  |  |  |  |  |  |  | AECOM Australia Pty Ltd A.B.N. 20 093 846 925 |  |  |  |  |  |  |  |  |  | STATUS: FINAL                                                                |  |  |  |  |  |  |  |  |  | DRAWING NO: 60104064-DRG-10-PHHERA-F15 |  |  |  |  |  |  |  |  |  | REV: 01 |  |  |  |  |  |  |  |  |  |
| No. BY DATE DESCRIPTION APPD                                                          |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |                                                                              |  |  |  |  |  |  |  |  |  |                                        |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |





-  COFFEY BOREHOLE LOCATION
-  COFFEY GROUNDWATER WELL LOCATION
-  ERM BOREHOLE LOCATION
-  ERM GROUNDWATER MONITORING WELL LOCATION
-  AECOM BOREHOLE LOCATION
-  AECOM SUPPLEMENTARY VMP DGI BOREHOLE LOCATION
-  AECOM SUPPLEMENTARY VMP DGI GROUNDWATER MONITORING WELL LOCATION
-  AECOM GROUNDWATER MONITORING WELL LOCATION
-  AECOM SOIL VAPOUR LOCATION
-  AECOM INTERTIDAL WELL LOCATION
-  AECOM STILLING WELL LOCATION

-  VMP/PDA REMEDIATION WORKS AREA BOUNDARY  
 OTHER REMEDIATION WORKS (NORTH) BOUNDARY  
 PROPOSED DEVELOPMENT AREA BOUNDARIES  
 PROPOSED SOUTHERN COVE BOUNDARY  
 APPROXIMATE EXTENT OF FORMER GASWORKS FEATURES  
**4** PROPOSED DEVELOPMENT BLOCK AREA

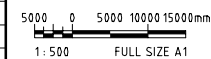
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NOTE:

**NOTE**  
LOCATION OF COFFEY GROUNDWATER WELLS ARE APPROXIMATE ONLY.

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SCALES:



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| DRAWN    | SS  | CHECKED | JA         |
| APPROVED | AKL | DATE    | 28.03.2011 |

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HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT

FIGURE F16  
GROUNDWATER EXCEEDENCES - SCENARIO 7:  
HIGH DENSITY RESIDENTIAL

|         |  |
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| STATUS: |  |
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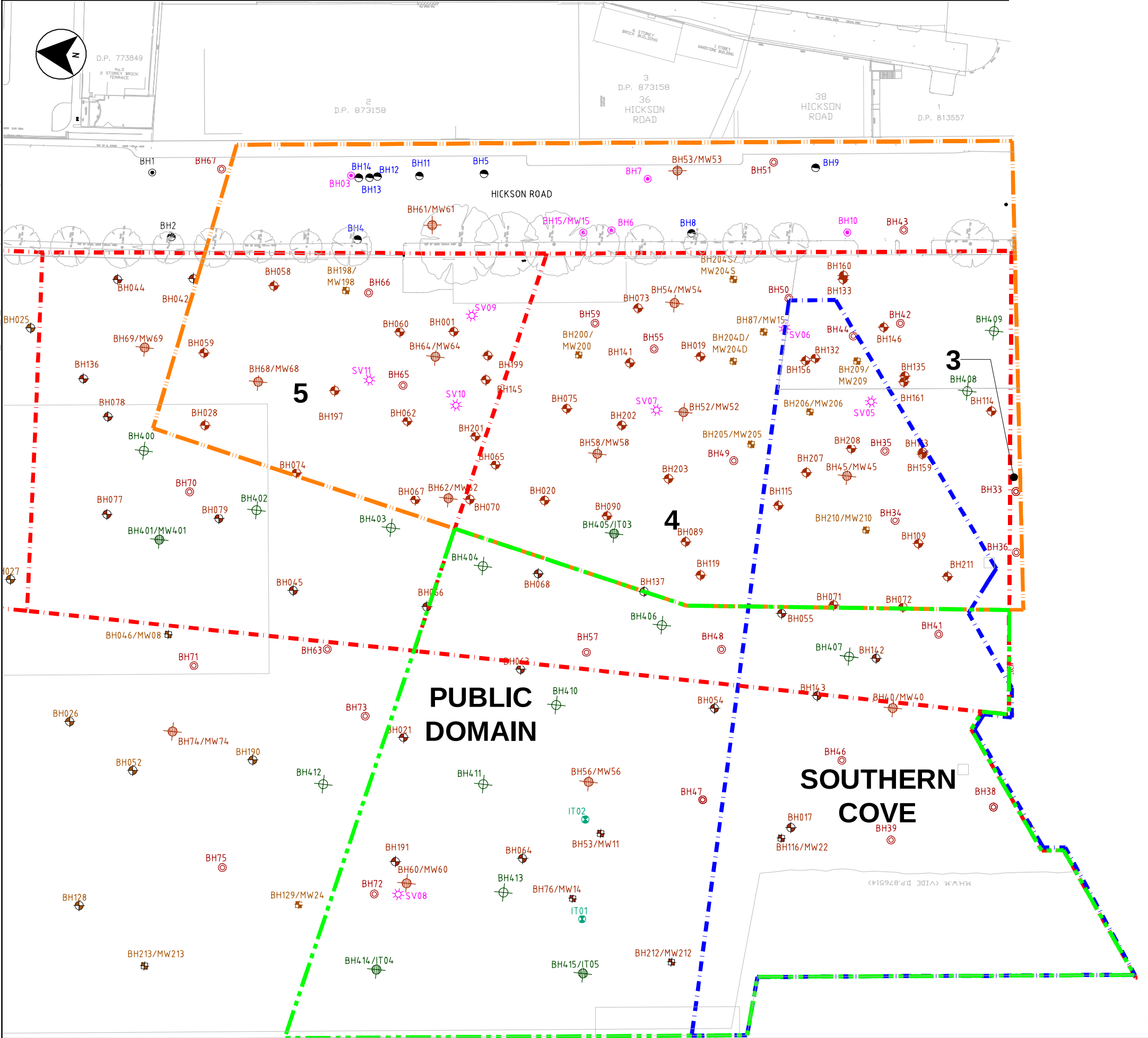
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LEGEND

- COFFEY BOREHOLE LOCATION
- COFFEY GROUNDWATER WELL LOCATION
- ERM BOREHOLE LOCATION
- ERM GROUNDWATER MONITORING WELL LOCATION
- AECOM BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI GROUNDWATER MONITORING WELL LOCATION
- AECOM GROUNDWATER MONITORING WELL LOCATION
- AECOM SOIL VAPOUR LOCATION
- AECOM INTERTIDAL WELL LOCATION
- AECOM STILLING WELL LOCATION

- VMP/PDA REMEDIATION WORKS AREA BOUNDARY
- OTHER REMEDIATION WORKS (NORTH) BOUNDARY
- PROPOSED DEVELOPMENT AREA BOUNDARIES
- PROPOSED SOUTHERN COVE BOUNDARY
- APPROXIMATE EXTENT OF FORMER GASWORKS FEATURES
- PROPOSED DEVELOPMENT BLOCK AREA

| REVISIONS |    |            |             |      |
|-----------|----|------------|-------------|------|
| No.       | BY | DATE       | DESCRIPTION | APPD |
| 01        | SS | 01.04.2011 |             | AKL  |

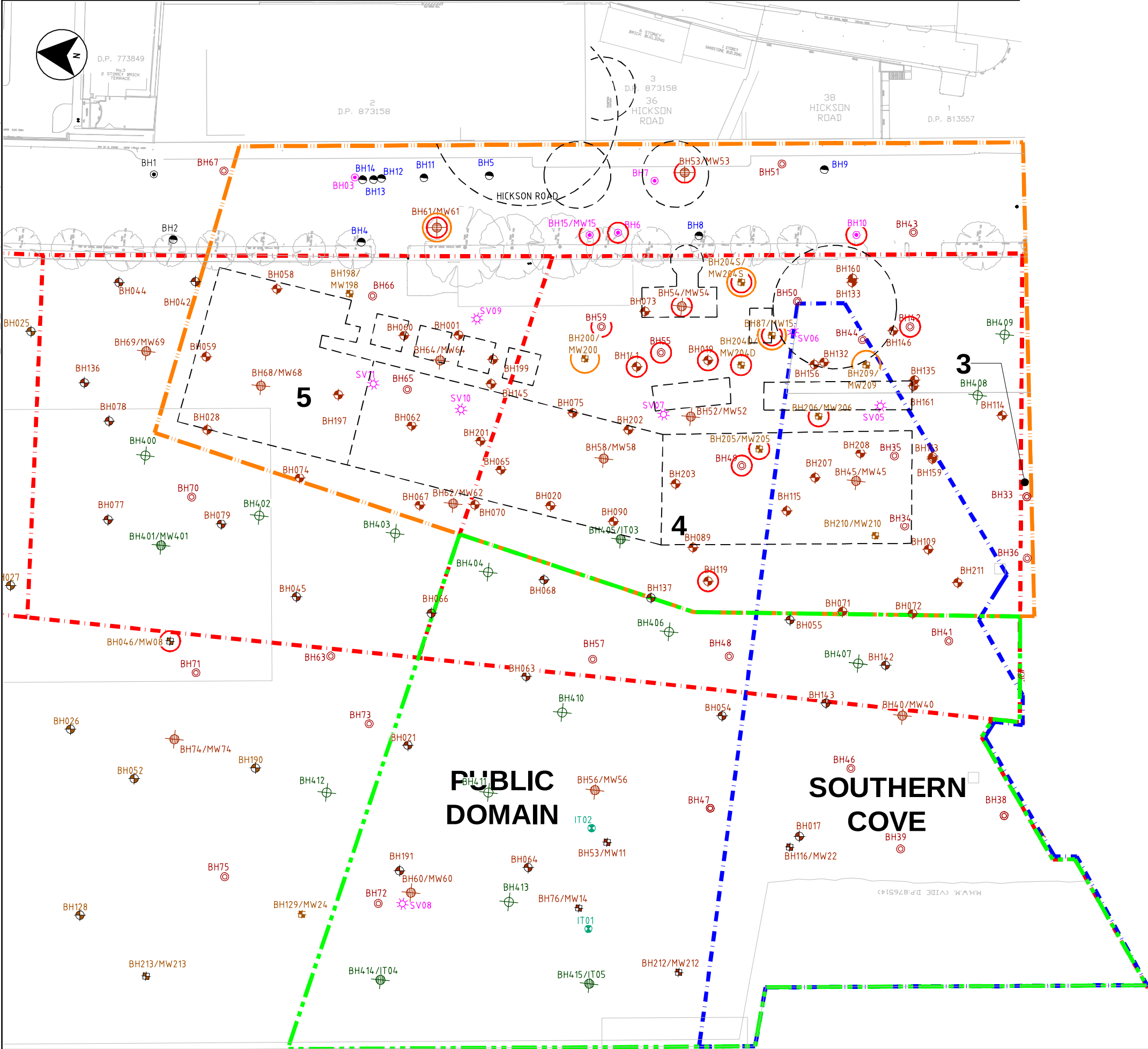
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| 1:500                                                                                 |   |      |       | FULL SIZE A1 |

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| DESIGNED                                                                                                                                                                               | GW  | CHECKED | AKL        |
| DRAWN                                                                                                                                                                                  | SS  | CHECKED | JA         |
| APPROVED                                                                                                                                                                               | AKL | DATE    | 01.04.2011 |

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| HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT |       |             |                            |
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| FIGURE F17<br>SUPPLEMENTARY DGI LOCATIONS   |       |             |                            |
| STATUS:                                     | FINAL | DRAWING NO: | 60104064-DRG-10-PHHERA-F17 |
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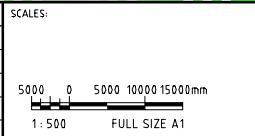
- COFFEY BOREHOLE LOCATION
- COFFEY GROUNDWATER WELL LOCATION
- ERM BOREHOLE LOCATION
- ERM GROUNDWATER MONITORING WELL LOCATION
- AECOM BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI BOREHOLE LOCATION
- AECOM SUPPLEMENTARY VMP DGI GROUNDWATER MONITORING WELL LOCATION
- AECOM GROUNDWATER MONITORING WELL LOCATION
- AECOM SOIL VAPOUR LOCATION
- AECOM INTERTIDAL WELL LOCATION
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- PROPOSED SOUTHERN COVE BOUNDARY
- PAPPROXIMATE EXTENT OF FORMER GASWORKS FEATURES
- PROPOSED DEVELOPMENT BLOCK AREA

- PRESENCE OF TAR NOTED
- PRESENCE OF SHEEN NOTED

NOTE:  
LOCATION OF COFFEY GROUNDWATER WELLS ARE APPROXIMATE ONLY.

|                                                                                       |     |    |            |             |
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|                                                                                       | 01  | SS | 28.03.2011 | AKL         |
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| DRAWN                                                                                                                                                                                  | SS  | CHECKED | JA         |
| APPROVED                                                                                                                                                                               | AKL | DATE    | 28.03.2011 |

DESIGNER:

**AECOM**

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|                                                   |                            |      |
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| HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT       |                            |      |
| FIGURE F18<br>LOCATIONS OF NOTED GASWORKS IMPACTS |                            |      |
| STATUS:                                           | FINAL                      | REV: |
| DRAWING NO:                                       | 60104064-DRG-10-PHHERA-F18 | 01   |