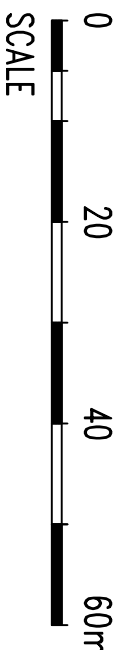


- NOTES
1. LEVELS ARE IN TERMS OF MEAN SEA LEVEL, WELLINGTON CITY DATUM 1953.
 2. CONTOUR INTERVAL = 1.0m



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Hunt Valley, Wellington, Kapiti Coast

Cuttriss
Land Surveyors, Engineers & Resource Managers

Lower Hut Block, Level 3, Coast House, 82 Queens Drive, Lower Hut
Postal Address: P.O. Box 30, 423, Lower Hut 5040
Telephone: (04) 559 8420 Fax: (04) 559 8421 Email: info@cuttriss.co.nz
Residential Branch: 32 Kaiti Road, Parangarua
Postal Address: P.O. Box 986, Parangarua 5524
Telephone: (04) 559 8420 Fax: (04) 559 8420 Email: info@cuttriss.co.nz

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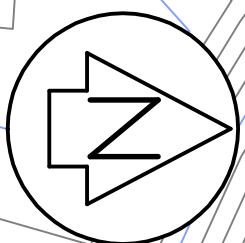
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JOB

AOTEA
BAXTERS KNOB
STAGE 1
SUBDIVISION

EARTHWORKS – ASBUILT
LAYOUT PLAN

| SCALE | | | SIZE | |
|-------------------|------|-------|---------------------|--|
| 1:750 (A3 1:1500) | | | A1 | |
| FIELDWORK | NAME | DATE | DRAWING NUMBER | |
| DESIGNED | RFH | 3/12 | 27713ASB E | |
| DRAWN | RFH | 1/13 | SHEET 1 OF 2 SHEETS | |
| CHECKED | JHM | 07/13 | REVISION – | |



| AMENDMENT | | NAME | DATE |
|-----------|-------------------------|------|-------|
| A | STAGE 2 (SHEET 3) ADDED | JHM | 08/13 |
| B | ROAD 2 FOOTPATH ADDED | KML | 09/13 |
| | | | |
| | | | |

LEGEND:

- NEW BOUNDARY
- NEW CONTOUR (5m)
- NEW CONTOUR (1m)
- EXISTING CONTOUR (5m)
- EXISTING CONTOUR (1m)
- SWMP

NOTES:

- COORDINATE ARE IN TERMS OF NZSD 2000, WELLINGTON CIRCUIT.
- ALL LEVELS ARE IN TERMS OF MEAN SEA LEVEL, WELLINGTON DATUM 1953.
- CONTOURS ARE SHOWN AT 1m INTERVALS.
- LEVELS ARE TOP OF KERB.
- ALL ROAD SWMPs ARE TO PCC STANDARDS.
- ROAD PAVEMENT – MIN 30mm ASPHALTIC CONCRETE OVER MIN 120mm A440 BASECOURSE OVER 230mm SUBBASE.

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Hunt Valley, Wellington, Kapiti Coast

Cuttriss
Land Surveyors, Engineers & Resource Managers

Lower Hut Block, Level 3, Coast House, 80 Queens Drive, Lower Hut
Postal Address: P.O. Box 30, 123, Lower Hut 5040
Telephone: (04) 559 8420 Fax: (04) 559 8421 Email: info@cuttriss.co.nz
Papakura Branch, 50 Kipling Road, Papakura
Postal Address: P.O. Box 986, Papakura 2024
Telephone: (09) 540 5400 Fax: (09) 540 5402 Email: info@cuttriss.co.nz

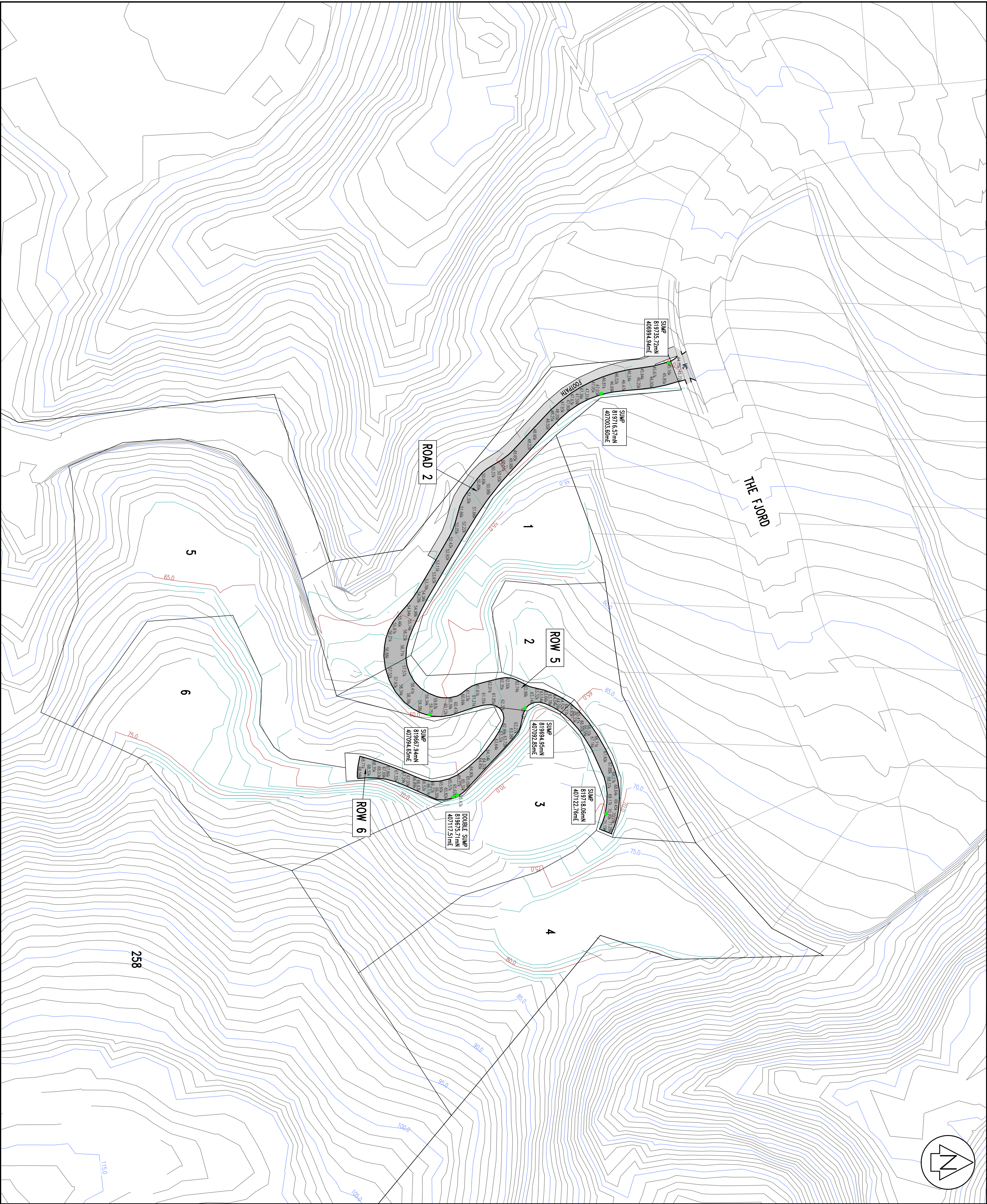
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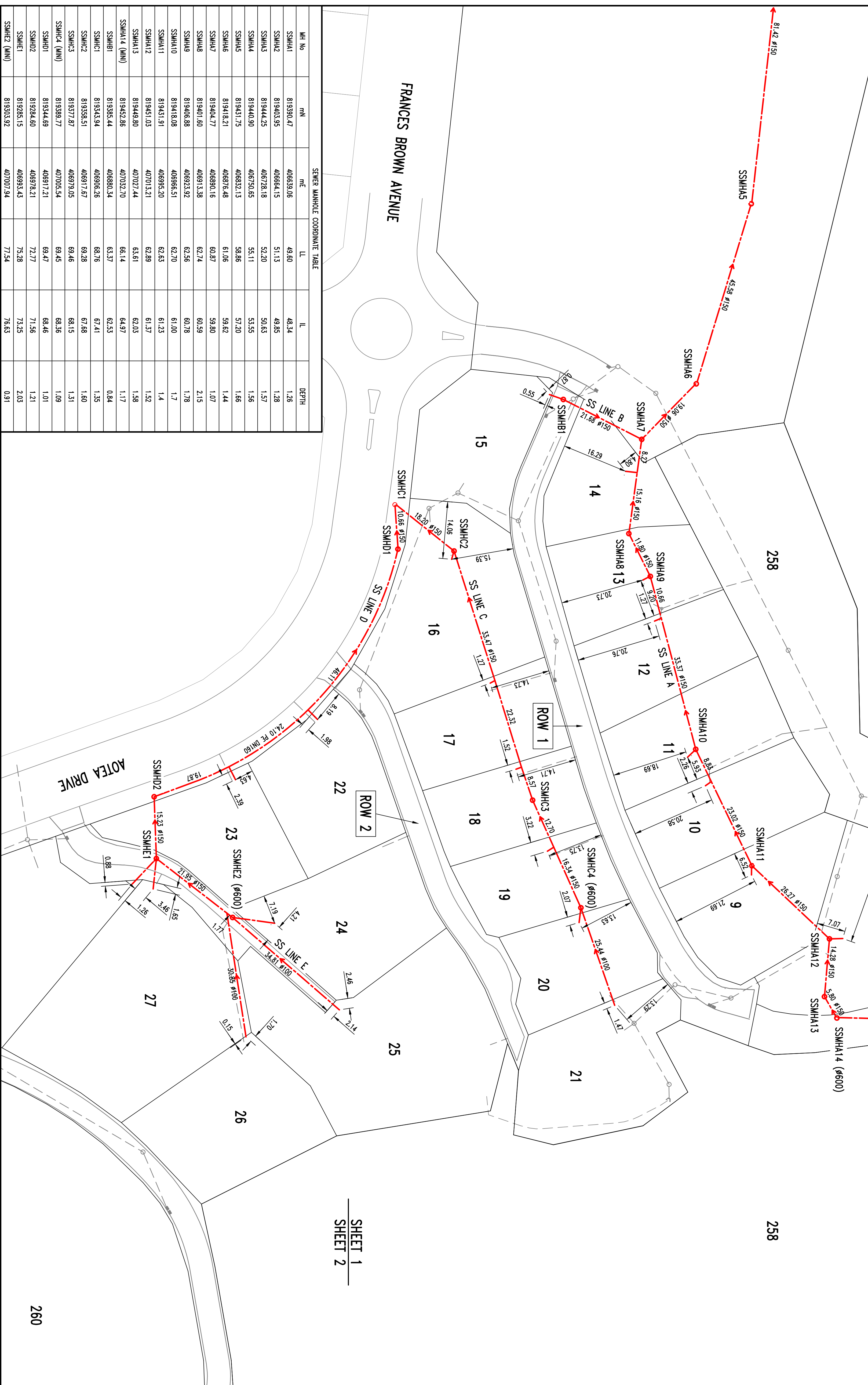
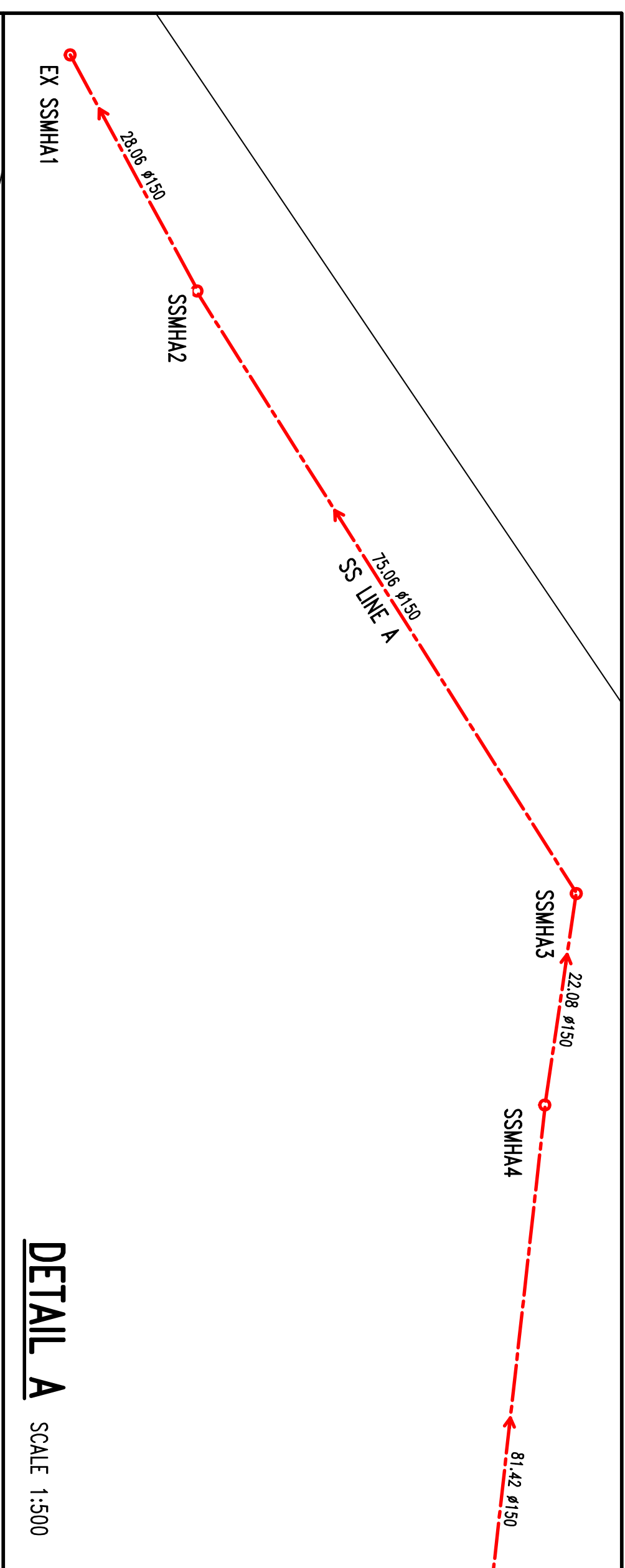
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JOB
**AOTEA
BAXTERS KNOB STAGE 2
SUBDIVISION CIVIL WORKS**

**ROADING
ASBUILT PLAN
(SHEET 3 OF 3)**

| SCALE | | SIZE |
|-----------|-------------|---------------------|
| 1:500 | (A3 1:1000) | A1 |
| NAME | DATE | DRAWING NUMBER |
| FIELDWORK | KOC 05/13 | 27713ASB R |
| DESIGNED | - | |
| DRAWN | KML 05/13 | SHEET 3 OF 3 SHEETS |
| CHECKED | JHM 05/13 | REVISION B |





| AMENDMENT | | NAME | DATE |
|-----------|-------------------------|------|-------|
| A | NOTES CHANGED | JHM | 08/13 |
| B | STAGE 2 (SHEET 3) ADDED | JHM | 08/13 |
| C | MINOR AMENDMENTS | KML | 09/13 |
| | | | |

LEGEND:

-
- NEW BOUNDARY
 --- EXISTING SEWER
 --- NEW SEWER
 --- STORMWATER
 ■ SWAMP

NOTES:

1. ALL LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON DATUM 1953.
2. COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
3. MARKER STAKES PLACED AT THE TERMINATION POINT OF ALL PRIVATE SEWER CONNECTIONS.

MANHOLLS

1. ALL MANHOLES ARE PRECAST CONCRETE WITH WETFORGE HEAVY DUTY CLASS D HINGED LD.
 2. ALL MANHOLES ARE #1050 UNLESS SHOWN OTHERWISE.
- PIPE WORK:
1. ALL SEWER MAINS ARE #150 uPVC S116 UNLESS SHOWN AS UN160 PE.
 2. ALL PRIVATE MATERIALS ARE #100 uPVC S116.

PIPE WO

DN160 PE.

2. ALL PRIVATE LATERALS ARE Ø100 uPVC SN16.

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Hutt Valley, Wellington, Kapiti Coast

1



Utilities

Lower Hull Branch - Level 3 Crest House, 92 Queens Drive, Lower Hull
Postal Address - PO Box 20 439 | Lower Hull SM10

Telephone (04) 939 9245 Fax (04) 939 9249 Email hnm@curtiss.co.nz

Paraparaumu Branch - 33 Kapiti Road, Paraparaumu
Postal Address: PO Box 906, Paraparaumu, 7064

Telephone (04) 904 5420 Fax (04) 904 5423 Email kapi@cutniss.co.nz

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AOTEA

BAXTERS KNOB STAGE 1

SUBDIVISION CIVIL WORKS

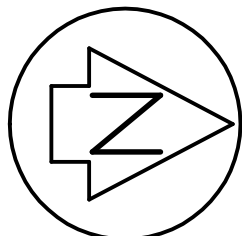
SEWER

ASBUILT PLAN

(SHEET 1 OF 3)

| | | | |
|-------------------|------------|----------------|---------------|
| SCALE | | SIZE | |
| 1:500 (A3 1:1000) | | A1 | |
| NAME | DATE | DRAWING NUMBER | |
| FIELDWORK | 06/01/3 | 27713ASB SS | |
| DESIGNED | - | | |
| DRAWN | KUL 06/1/3 | | |
| CHECKED | JHM 07/1/3 | SHEET | 1 OF 3 SHEETS |
| | | REVISION | C |

| SEWER MANHOLE COORDINATE TABLE | | | | | |
|--------------------------------|-----------|-----------|-------|-------|-------|
| MH No | mn | mE | LL | IL | DEPTH |
| SSMH1 | 819734.27 | 406993.19 | 45.15 | 42.96 | 2.19 |
| SSMH2 | 819700.55 | 407013.91 | 48.64 | 47.69 | 0.95 |
| SSMH3 | 819660.16 | 407078.35 | 57.07 | 55.88 | 1.19 |
| SSMH11 | 819638.65 | 407066.26 | 58.23 | 56.40 | 1.83 |
| SSMH12 | 819630.11 | 407068.04 | 65.40 | 62.65 | 2.75 |
| SSMHK1 | 819718.56 | 407107.69 | 67.78 | 66.47 | 1.31 |



LEGEND:

- NEW BOUNDARY
- EXISTING SEWER
- NEW SEWER
- STORMWATER
- SLOPE

NOTES:

1. ALL LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON DATUM 1953.
2. COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
3. MARKER STAKES PLACED AT THE TERMINATION POINT OF ALL PRIVATE SEWER CONNECTIONS.

MANHOLES:

1. ALL MANHOLES ARE PRECAST CONCRETE WITH WEBORE HEAVY DUTY CLASS D HINGED LID.
2. ALL MANHOLES ARE #1050 UNLESS SHOWN OTHERWISE.
- PIPE WORK:
1. ALL SEWER MAINS ARE #150 UPVC SNI6 UNLESS SHOWN AS D100 FE.
2. ALL PRIVATE LATERALS ARE #100 UPVC SNI6.

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Hunt Valley, Wellington, Kapiti Coast

Cuttriss
Land Surveyors, Engineers & Resource Managers

Lower Hutia Branch - Level 3, Coast House, 80 Queens Drive, Lower Hutt
Postal Address: P.O. Box 30, 423, Lower Hutt 5504
Telephone (04) 559 6245 Fax (04) 559 6245 Email info@cuttriss.co.nz
Kapiti Coast Branch - 33 Kaiti Road, Paraparaumu
Postal Address: P.O. Box 986, Paraparaumu 5254
Telephone (04) 559 6400 Fax (04) 559 6400 Email kapi@cuttriss.co.nz

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AOTEA
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SUBDIVISION CIVIL WORKS

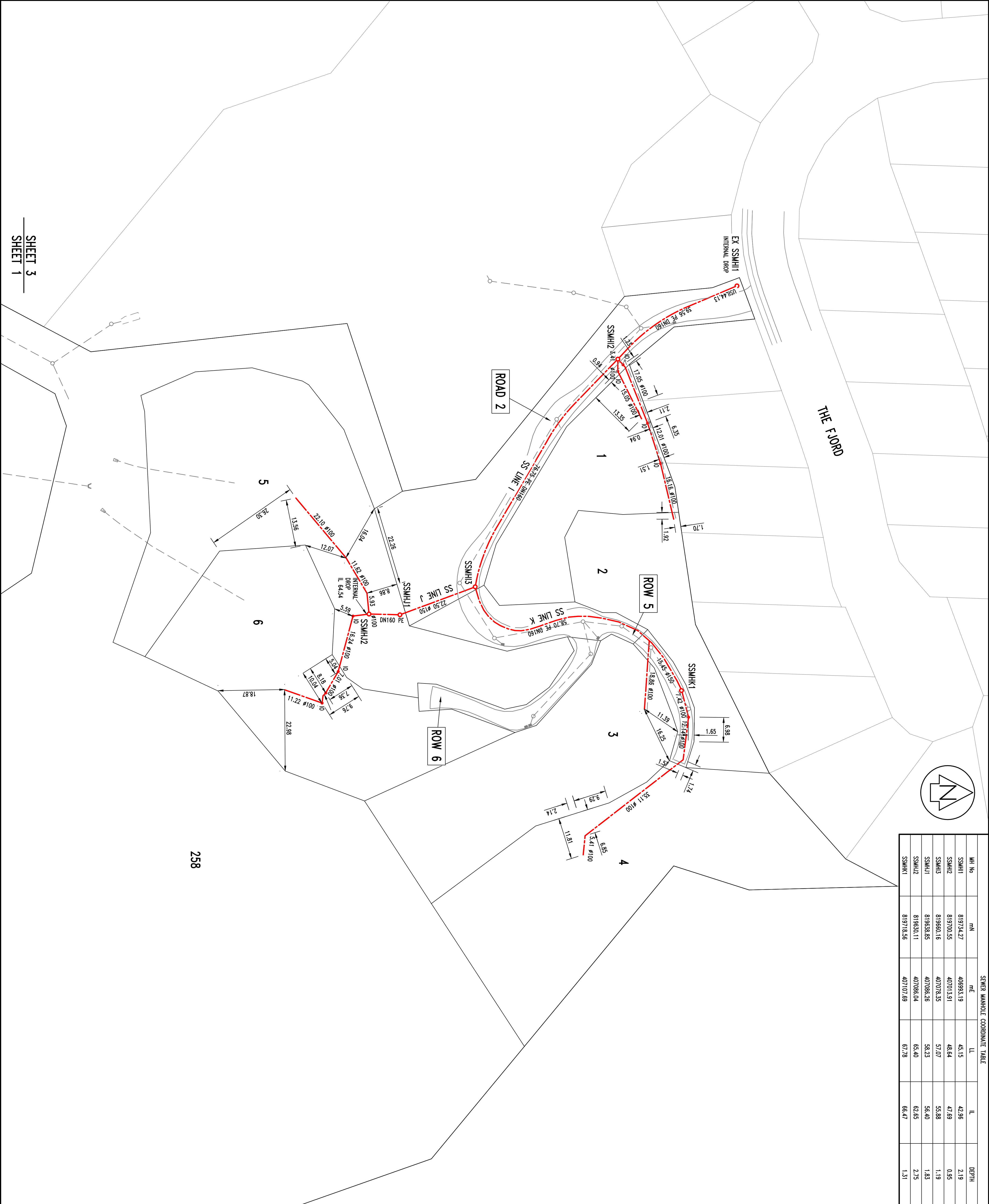
SEWER

ASBUILT PLAN

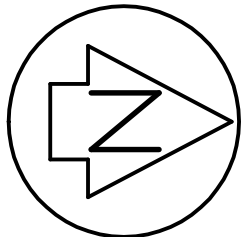
(SHEET 3 OF 3)

| SCALE | | SIZE |
|-------|-------------|------|
| 1:500 | (A3 1:1000) | A1 |

| NAME | | DATE | DRAWING NUMBER | |
|-----------|-----|-------|----------------|-------------|
| FIELDWORK | KDC | 05/13 | 27713ASB | SS |
| DESIGNED | - | - | | |
| DRAWN | KML | 05/13 | SHEET 3 | OF 3 SHEETS |
| CHECKED | JHM | 07/13 | REVISION | C |



SHEET 3
SHEET 1



| STORMWATER MANHOLE COORDINATE TABLE | | | | |
|-------------------------------------|-----------|-----------|--------|--------|
| MH No | mN | mE | LL | LL |
| SWMH1A | 819185.22 | 407100.17 | 85.14 | 83.59 |
| SWMH1B | 819198.83 | 407113.53 | 88.12 | 86.50 |
| SWMH1C | 819209.91 | 407116.26 | 93.59 | 91.42 |
| SWMH1D | 819207.57 | 407154.05 | 96.23 | 95.04 |
| SWMH1E | 819237.92 | 407163.88 | 104.07 | 102.82 |
| SWMH2A | 819253.39 | 406988.77 | 74.11 | 72.95 |
| SWMH2B | 819223.49 | 407000.79 | 75.63 | 74.34 |
| SWMH2C | 819225.59 | 407007.21 | 80.50 | 78.97 |
| SWMH2D | 819219.75 | 407016.95 | 85.41 | 84.63 |
| SWMH2E | 819212.55 | 407031.32 | 89.68 | 88.36 |
| SWMH2F | 819229.78 | 407040.89 | 93.82 | 92.10 |
| SWMH2G | 819281.85 | 407065.71 | 100.76 | 98.69 |
| SWMH3F | 819383.67 | 406939.87 | 63.71 | 62.57 |
| SWMH6C | 819335.23 | 406951.86 | 70.64 | 69.34 |
| SWMH12A | 819156.94 | 407056.21 | 80.14 | 79.68 |
| CLEANING EYE 1 | 819250.21 | 407169.48 | 110.39 | 108.14 |
| CLEANING EYE 2 | 819256.81 | 407172.92 | 111.14 | 108.89 |

| STORMWATER SUMP COORDINATE TABLE | | | | |
|----------------------------------|-----------|-----------|--------|--------|
| SUMP No | mN | mE | LL | LL |
| SUMP4 | 819383.57 | 406949.46 | 63.68 | 62.57 |
| SUMPS (DOUBLE) | 819335.49 | 406957.25 | 70.57 | 69.34 |
| SUMP6 (DOUBLE) | 819236.77 | 407050.55 | 93.88 | 92.10 |
| SUMP7 (DOUBLE) | 819287.81 | 407079.57 | 102.89 | 101.63 |
| SUMP8 | 819212.78 | 407034.88 | 89.71 | 88.41 |
| SUMP9 (DOUBLE) | 819216.23 | 407116.05 | 93.41 | 92.10 |
| SUMP16 | 819233.11 | 406988.37 | 73.69 | 72.39 |
| SUMP23 | 819153.49 | 407058.67 | 79.98 | 78.68 |
| SUMP24 | 819159.00 | 407064.52 | 80.69 | 79.39 |

- LEGEND:
- NEW BOUNDARY
 - EXISTING STORMWATER SUMP (SINGLE)
 - EXISTING STORMWATER SUMP (DOUBLE)
 - SEWER

- NOTES:
- ALL LEVELS ARE IN TERMS OF MEAN SEA LEVEL, WELLINGTON DATUM 1953.
 - COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
 - STAKES ARE PLACED AT THE TERMINATION POINT OF ALL PRIVATE STORMWATER CONNECTIONS.
 - ALL ROAD SUMPS ARE TO PCC STANDARDS.
 - PREPARED GALVANISED DUCTILE IRON KERB ADAPTERS USED FOR SW CONNECTIONS TO KERB.

- MANHOLES:
- ALL MANHOLES ARE PRECAST CONCRETE WITH WEIRFORE HEAVY DUTY CLASS D RINGED LID.
 - ALL MANHOLES ARE #1050 UNLESS SHOWN OTHERWISE.

- PIPE WORK:
- ALL PRIVATE LATERALS ARE #100 UPVC SM16.
 - ALL #225-#375 BOSS PIPE.
 - ALL >#375 RCRH CLASS 2.
 - ALL SUMP LEADS #225 UNLESS SHOWN OTHERWISE.

Cuttriss Consultants Limited
Hunt Valley, Wellington, Kapiti Coast

Cuttriss
Land Surveyors, Engineers & Resource Managers

Lower Hutia Road, Level 3, Court House, 82 Queens Drive, Lower Hutia
Postal Address: P.O. Box 30, 423, Lower Hutia 5240
Telephone: (04) 559 6245 Fax: (04) 559 6248 Email: info@cuttriss.co.nz
Perpetua Road, 3rd Floor, 3rd Floor, 3rd Floor, 3rd Floor, 3rd Floor
Postal Address: P.O. Box 30, 423, Lower Hutia 5240
Telephone: (04) 559 6245 Fax: (04) 559 6248 Email: info@cuttriss.co.nz

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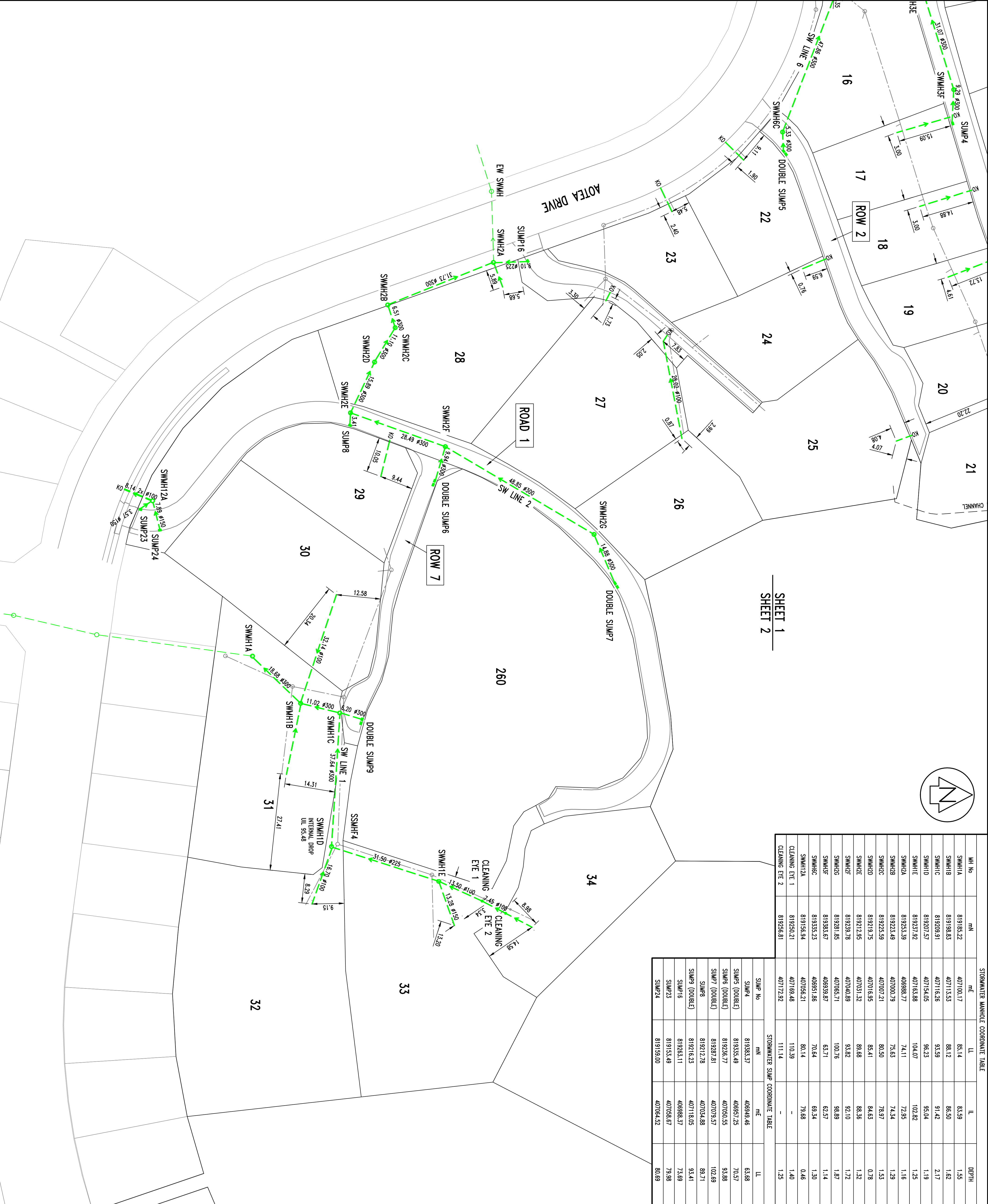
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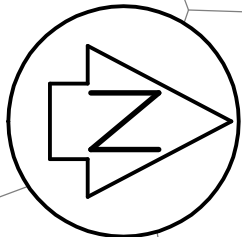
JOB
**AOTEA
BAXTERS KNOB STAGE 1
SUBDIVISION CIVIL WORKS**

**STORMWATER
ASBUILT PLAN
(SHEET 2 OF 3)**

SCALE
1:500 (A3 1:1000)

| NAME | DATE | DRAWING NUMBER | SIZE |
|-----------|-----------|-----------------------------------|------|
| FIELDWORK | KOC 05/13 | 27713ASB SW | A1 |
| DESIGNED | - | - | - |
| DRAWN | KML 05/13 | SHEET 2 OF 3 SHEETS | - |
| CHECKED | JHM 07/13 | REVISION C | - |





| STORMWATER MANHOLE COORDINATE TABLE | | | | | |
|-------------------------------------|-----------|-----------|-------|-------|-------|
| MH No | MN | mE | LL | LL | DEPTH |
| SWMH8A | 819663.54 | 406990.31 | N/A | 31.03 | N/A |
| SWMH8B | 819664.33 | 406991.84 | 32.76 | 31.05 | 1.71 |
| SWMH8C | 819688.03 | 406995.14 | 40.88 | 39.13 | 1.55 |
| SWMH8D | 819702.94 | 406999.12 | 47.04 | 45.30 | 1.14 |
| SWMH8E | 819707.13 | 407005.18 | 47.74 | 46.05 | 1.59 |
| SWMH7A | 819683.23 | 407030.92 | 50.93 | 49.17 | 1.76 |
| SWMH7B | 819655.77 | 407077.25 | 57.01 | 55.00 | 2.01 |
| SWMH7C | 819665.39 | 407092.85 | 59.31 | 57.88 | 1.43 |
| SWMH7D | 819690.68 | 407088.19 | 62.58 | 60.30 | 1.68 |
| SWMH7E | 819701.64 | 407088.48 | 63.84 | 62.25 | 1.59 |
| SWMH7F | 819709.96 | 407095.52 | 65.50 | 63.04 | 2.46 |
| SWMH7G | 819720.59 | 40712.88 | 68.52 | 66.75 | 1.77 |
| SWMH1A | 819692.87 | 407097.33 | 63.03 | 61.77 | 1.26 |
| SWMH1B | 819676.62 | 407114.94 | 65.27 | 64.09 | 1.18 |

| STORMWATER SUMP COORDINATE TABLE | | | |
|----------------------------------|-----------|-----------|-------|
| SUMP No | MN | mE | LL |
| SUMP10 | 819716.57 | 407003.60 | 46.83 |
| SUMP11 | 819684.28 | 407033.28 | 50.93 |
| SUMP13 | 819667.94 | 407094.65 | 59.56 |
| SUMP14 | 819694.95 | 407092.85 | 62.95 |
| SUMP15 (DOUBLE) | 819675.71 | 407117.51 | 65.34 |
| SUMP17 | 819718.06 | 407122.76 | 70.08 |
| SUMP21 | 819735.72 | 406994.94 | 45.09 |

- LEGEND:
- NEW BOUNDARY
 - EXISTING STORMWATER
 - NEW STORMWATER
 - SUMP (SINGLE)
 - SUMP (DOUBLE)
 - SEWER

- NOTES:
- ALL LEVELS ARE IN TERMS OF MEAN SEA LEVEL, WELLINGTON DATUM 1953.
 - COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
 - STAKES ARE PLACED AT THE TERMINATION POINT OF ALL PRIVATE STORMWATER CONNECTIONS.
 - ALL ROAD SUMPS ARE TO PCG STANDARDS.
 - PREPARED GALVANISED DUCTILE IRON KERB ADAPTERS USED FOR SW CONNECTIONS TO KERB.

- MANHOLES:
- ALL MANHOLES ARE PRECAST CONCRETE WITH WEIRBORE HEAVY DUTY CLASS D RINGED LID.
 - ALL MANHOLES ARE #1050 UNLESS SHOWN OTHERWISE.
 - PIPE WORK:
 - ALL PRIVATE LATERALS ARE #100 UPVC S/N16.
 - ALL #225-#375 BOSS PIPE.
 - ALL >#375 RCRU CLASS 2.
 - ALL SUMP LEADS #225 UNLESS SHOWN OTHERWISE.

Cuttriss
Land Surveyors, Engineers & Resource Managers

Cuttriss Consultants Limited
Hunt Valley, Wellington, Kapiti Coast

Lower Hutia Branch, Level 3, Coast House, 80 Queens Drive, Lower Hutia
Postal Address: P.O. Box 30, 423, Lower Hutia 5504
Telephone: (04) 559 6245 Fax: (04) 559 6245 Email: info@cuttriss.co.nz
Pauatanga Branch, 23 Kaiti Road, Pauatanga
Postal Address: P.O. Box 986, Pauatanga 5524
Telephone: (04) 559 6245 Fax: (04) 559 6245 Email: info@cuttriss.co.nz

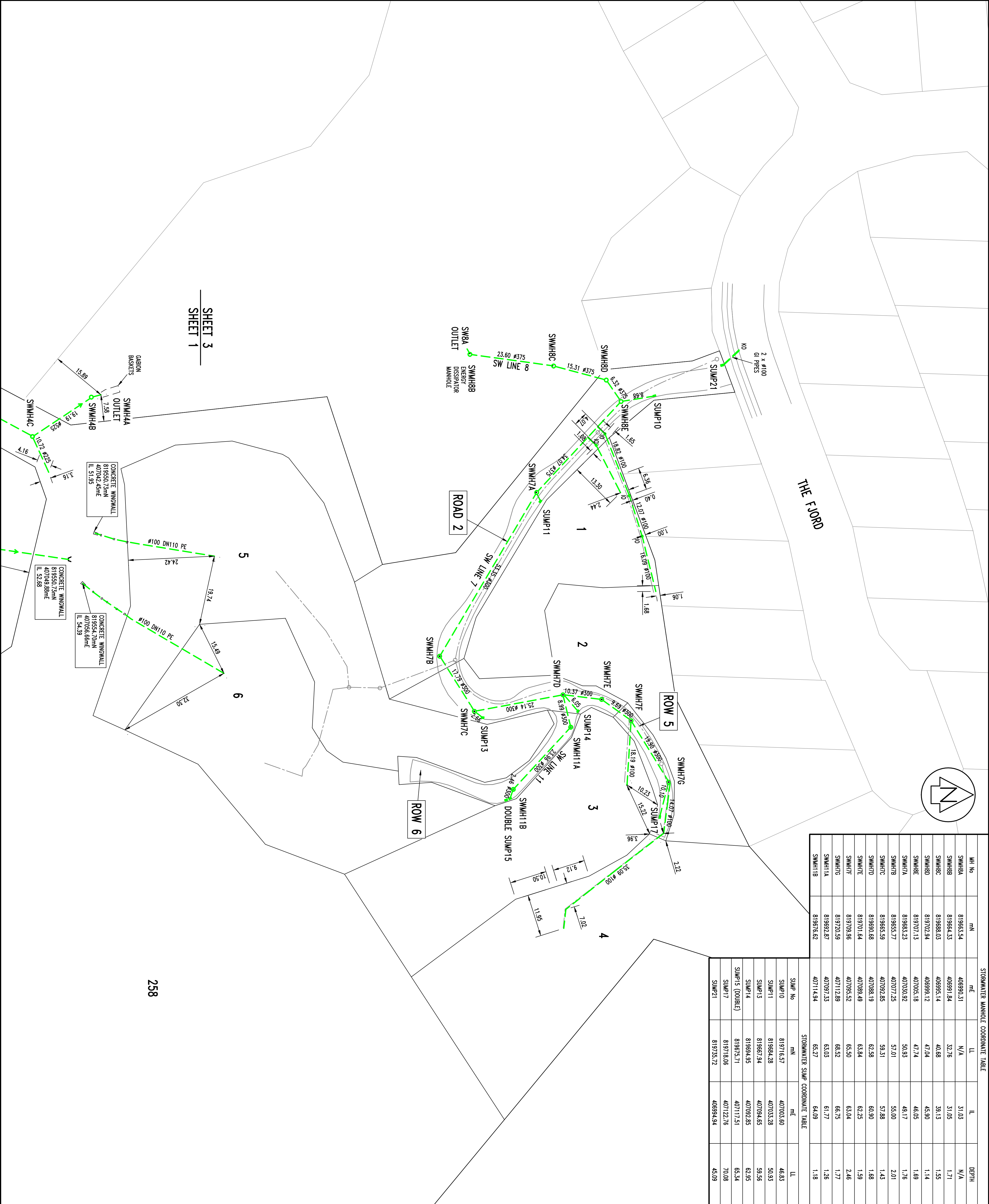
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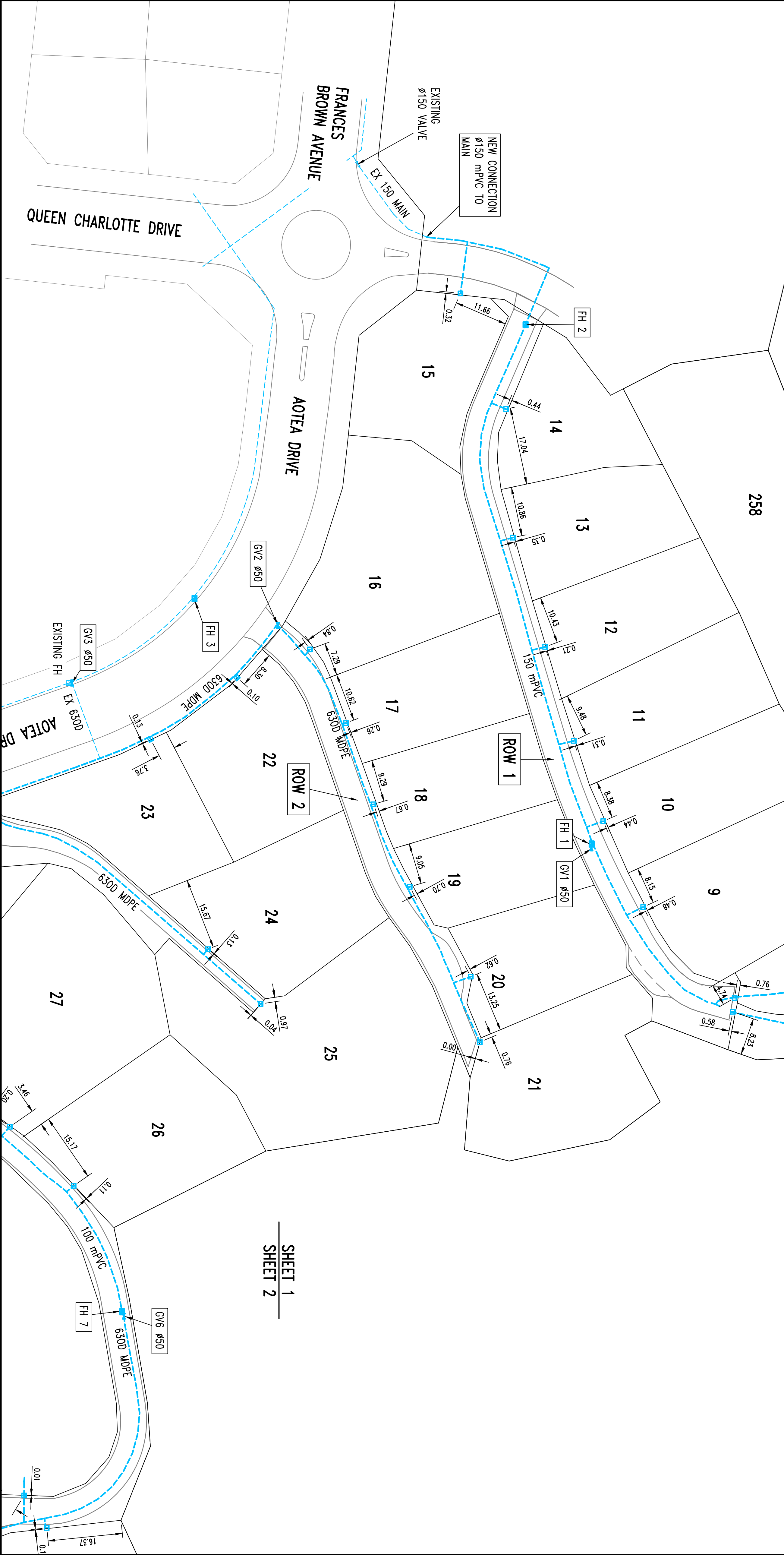
**STORMWATER
ASBUILT PLAN
(SHEET 3 OF 3)**

| SCALE | | SIZE | |
|-------------------|-----------|----------------|--|
| 1:500 (A3 1:1000) | | A1 | |
| NAME | DATE | DRAWING NUMBER | |
| FIELDWORK | KOC 05/13 | 27713ASB SW | |
| DESIGNED | - | SHEET 3 OF 3 | |
| DRAWN | KML 05/13 | SHEETS | |
| CHECKED | JHM 07/13 | REVISION C | |



SHEET 3
SHEET 1

| LOT CONNECTION COORDINATE TABLE | | |
|------------------------------------|-----------|-----------|
| COMPONENT DESCRIPTION | mN | mE |
| LOT 7 | 819452.08 | 407031.18 |
| LOT 8 | 819452.45 | 407028.15 |
| LOT 9 | 819412.40 | 407008.21 |
| LOT 10 | 819403.82 | 406989.38 |
| LOT 11 | 819397.16 | 406971.77 |
| LOT 12 | 819390.88 | 406951.15 |
| LOT 13 | 819383.80 | 406927.18 |
| LOT 14 | 819382.30 | 406898.97 |
| LOT 15 | 819372.30 | 406873.82 |
| LOT 16 | 819359.27 | 406851.89 |
| LOT 17 | 819347.20 | 406867.84 |
| LOT 18 | 819190.55 | 406865.88 |
| LOT 19 | 819351.16 | 407003.78 |
| LOT 20 | 819374.56 | 407023.48 |
| LOT 21 | 819376.55 | 407037.83 |
| LOT 22 | 819323.24 | 406957.89 |
| LOT 23 | 819304.29 | 406971.39 |
| LOT 24 | 819316.92 | 407017.44 |
| LOT 25 | 819328.43 | 407029.47 |
| LOT 26 | 819287.42 | 407069.36 |
| LOT 27 | 819273.40 | 406158.08 |
| LOT 34 | 819281.51 | 407144.40 |
| LOT 260 | 819276.56 | 407137.28 |
| WATERMAIN FITTING COORDINATE TABLE | | |
| FH 1 | 819401.10 | 406994.40 |
| FH 2 | 819386.59 | 406880.46 |
| FH 3 | 819313.93 | 406940.54 |
| FH 7 | 819298.03 | 407097.00 |
| GV 1 | 819401.02 | 406995.20 |
| GV 2 | 819323.23 | 406946.44 |
| GV 3 | 819287.06 | 406959.06 |
| GV 6 | 819298.43 | 407097.86 |



| AMENDMENT | | NAME | DATE |
|-----------|-------------------------|------|-------|
| A | STAGE 2 (SHEET 3) ADDED | JHM | 08/13 |
| B | ROW 6 PIPE TYPE ADDED | KML | 09/13 |
| | | | |
| | | | |

| LEGEND: | |
|---------|----------------|
| | NEW BOUNDARY |
| | EXISTING WATER |
| | NEW WATER |
| | PIPE HYDRANT |
| | VALVE |

NOTES:

- COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
- ALL #150 & #100 MAINS ARE mPVC-PN12.
- ALL ROVER MAINS ARE 6300 MDPE-PN12.
- ALL PRIVATE SERVICE CONNECTIONS ARE 2500 MDPE-PN12 UNLESS SPECIFIED OTHERWISE.
- MINIMUM COVER ON PIPES ARE AS FOLLOWS:
 - MAINS #100mm AND GREATER 750mm COVER (ALL AREAS)
 - ROVER MAINS 600mm COVER IN BERMS & 750mm COVER IN TRAFFICKED AREAS
 - SERVICE PIPES 450mm COVER
- ALL RESIDENTIAL SERVICE TOWERS ARE ACUTIO MANIFOLDS WITH DOUBLE CHECK VALVES.
- ALL HYDRANTS ARE TALL TYPE HYDRANTS.
- ALL #50 VALVES ARE TYPE ANK OR HANDLE EPOXY COATED DUCTILE IRON WITH A 2.07MPa RATING AND CONFORM TO AS2838:2011.
- ALL #100 OR GREATER VALVES HAVE FLANGED JOINTS EPOXY COATED DUCTILE IRON WITH A 2.07MPa RATING TO CONFORM TO AS2838:2011.
- #150, #100 & #50 VALVES HAVE WHITE CAST IRON COVER. PAINTED WHITE WITH A MINIMUM OPENING OF 200mm SQUARE. VALVES ARE MARKED WITH 'V' ETCHED IN KERB.
- FIRE HYDRANTS HAVE YELLOW PAINTED TRIANGLE AND BLUE CANS ETC ON ROAD. COVER PAINTED YELLOW.

Cuttriss

Land Surveyors, Engineers & Resource Managers

Lower Hill Brand: Level 3, 40th Floor, 80 Queen Drive, Lower Hill
Postal Address: PO Box 93, 423, Lower Hill 594
Telephone: (04) 559 5245 Fax: (04) 559 5248 Email: info@cuttriss.co.nz
Parapetum Branch: 21 Kaiti Road, Parapetum
Postal Address: PO Box 886, Parapetum 554
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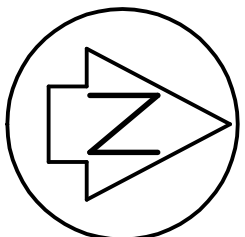
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JOB
**AOTEA
BAXTERS KNOB STAGE 1
SUBDIVISION CIVIL WORKS**

**WATER
ASBUILT PLAN
(SHEET 1 OF 3)**

| SCALE | | SIZE | |
|-------------------|-----------|----------------|-------------|
| 1:500 (A3 1:1000) | | A1 | |
| NAME | DATE | DRAWING NUMBER | |
| FIELDWORK | KOC 05/13 | 27713ASB W | |
| DESIGNED | – | – | |
| DRAWN | KML 05/13 | SHEET 1 | OF 3 SHEETS |
| CHECKED | JHM 07/13 | REVISION | B |



| LOT CONNECTION COORDINATE TABLE | | | |
|------------------------------------|-----------|-----------|--|
| COMPONENT DESCRIPTION | nm | mE | |
| LOT 12 | 819390.88 | 405951.15 | |
| LOT 13 | 819383.80 | 405927.18 | |
| LOT 16 | 819339.27 | 405951.89 | |
| LOT 17 | 819347.20 | 405967.84 | |
| LOT 18 | 819180.55 | 405985.68 | |
| LOT 19 | 819361.16 | 407003.78 | |
| LOT 20 | 819374.56 | 407023.48 | |
| LOT 21 | 819376.55 | 407037.83 | |
| LOT 22 | 819323.24 | 405957.89 | |
| LOT 23 | 819304.29 | 405971.39 | |
| LOT 24 | 819316.92 | 407017.44 | |
| LOT 25 | 819328.43 | 407029.47 | |
| LOT 26 | 819287.42 | 407069.35 | |
| LOT 27 | 819273.40 | 405158.08 | |
| LOT 28 | 819229.28 | 407034.55 | |
| LOT 29 | 819223.48 | 407072.02 | |
| LOT 30 | 819222.46 | 407077.93 | |
| LOT 31 | 819211.29 | 407118.83 | |
| LOT 32 | 819214.25 | 407124.36 | |
| LOT 33 | 819267.28 | 407145.63 | |
| LOT 34 | 819281.51 | 407144.40 | |
| LOT 260 | 819276.56 | 407137.28 | |
| WATERMAIN FITTING COORDINATE TABLE | | | |
| FH 3 | 819313.93 | 405940.54 | |
| FH 4 | 819148.64 | 407061.34 | |
| FH 5 | 819237.28 | 407039.16 | |
| FH 6 | 819223.82 | 407087.19 | |
| FH 7 | 819298.03 | 407097.00 | |
| SV 1 | 819134.05 | 407057.19 | |
| SV 2 | 819238.64 | 407039.94 | |
| GV 2 | 819332.23 | 405946.44 | |
| GV 3 | 819287.06 | 405959.06 | |
| GV 4 | 819267.17 | 405985.21 | |
| GV 5 | 819223.78 | 407098.30 | |
| GV 6 | 819296.43 | 407097.96 | |

| LEGEND: | |
|---------|----------------|
| | NEW BOUNDARY |
| | EXISTING WATER |
| | NEW WATER |
| | 100 mm HYDRANT |
| | 150 mm HYDRANT |

NOTES:

- COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
- ALL #150 & #100 MAINS ARE mPVC-PN12.
- ALL RIGID MAINS ARE 6300 MDPE-PN12.
- ALL PRIVATE SERVICE CONNECTIONS ARE 2500 MDPE-PN12 UNLESS SPECIFIED OTHERWISE.
- MINIMUM COVER ON PIPES ARE AS FOLLOWS:
 - MAINS #100mm AND GREATER 750mm COVER (ALL AREAS) IN TRAFFICKED AREAS
 - SERVICE PIPES 450mm COVER
- ALL RESIDENTIAL SERVICE TUBES ARE ACJUTO MANIFOLDS WITH DOUBLE CHECK VALVES.
- ALL HYDRANTS ARE TALL TYPE HYDRANTS.
- ALL #50 VALVES ARE TEE AWK OR WASTE EPOXY COATED DUCTILE IRON WITH A 2.07mPa RATING AND CONFORM TO AS2838:2011.
- ALL #100 OR GREATER VALVES HAVE FLANGED JOINTS EPOXY COATED DUCTILE IRON WITH A 2.07mPa RATING TO CONFORM TO AS2838:2011.
- #150, #100 & #50 VALVES HAVE WHITE CAST IRON COVER PAINTED WHITE WITH A MINIMUM OPENING OF 200mm SQUARE. VALVES ARE MARKED WITH 'V' ETCHED IN KERB.
- FIRE HYDRANTS HAVE YELLOW PAINTED TRIANGLE AND BLUE CANS ETC ON ROAD. COVER PAINTED YELLOW.

Cuttriss Consultants Limited
Hunt Valley, Wellington, Kapiti Coast

Cuttriss
Land Surveyors, Engineers & Resource Managers

Lower Hutt Branch: Level 3 Court House, 82 Queens Drive, Lower Hutt
Postal Address: #70 Box 30, 423, Lower Hutt 5040
Telephone: (04) 559 6245 Fax: (04) 559 6248 Email: info@cuttriss.co.nz
Parapetum Branch: 23 Kapa Road, Parapetum
Postal Address: #70 Box 866, Parapetum 5504
Telephone: (04) 559 6240 Fax: (04) 559 6242 Email: kapiti@cuttriss.co.nz

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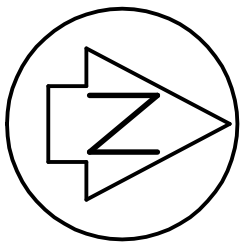
JOB
**AOTEA
BAXTERS KNOB STAGE 1
SUBDIVISION CIVIL WORKS**

**WATER
ASBUILT PLAN
(SHEET 2 OF 3)**

| SCALE | | SIZE |
|-------|-------------|------|
| 1:500 | (A3 1:1000) | A1 |

| DRAWING NUMBER | |
|----------------|-----------|
| NAME | DATE |
| FIELDWORK | KOC 05/13 |
| DESIGNED | – |
| DRAWN | KML 05/13 |
| CHECKED | JHM 07/13 |
| REVISION | |
| B | |





| LOT CONNECTION COORDINATE TABLE | | | |
|------------------------------------|-----------|-----------|--|
| COMPONENT DESCRIPTION | NH | ME | |
| LOT 1 | 819682.19 | 407085.57 | |
| LOT 2 | 819706.07 | 407089.75 | |
| LOT 3 | 819717.07 | 407112.66 | |
| LOT 4 | 819718.20 | 407128.43 | |
| LOT 5 | 819647.33 | 407108.01 | |
| LOT 6 | 819646.90 | 407110.94 | |
| WATERMAIN FITTING COORDINATE TABLE | | | |
| FH 8 | 819731.40 | 406996.92 | |
| FH 9 | 819688.41 | 407090.05 | |
| FH 10 | 819672.65 | 407114.36 | |
| SV 3 | 819740.70 | 406995.20 | |
| GV 7 | 819680.83 | 407090.10 | |
| GV 8 | 819671.33 | 407114.92 | |
| GV 4 | 819267.17 | 406985.21 | |
| GV 5 | 819223.78 | 407088.30 | |
| GV 6 | 819298.43 | 407097.96 | |

LEGEND:

- NEW BOUNDARY
- EXISTING WATER
- NEW WATER
- EXISTING HYDRANT VALVE

NOTES:

1. COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
2. ALL Ø150 & Ø100 MAINS ARE mPVC PN12.
3. ALL RIVER MAINS ARE 6300 MDPE-PN12.
4. ALL PRIVATE SERVICE CONNECTIONS ARE 2500 MDPE-PN12 UNLESS SPECIFIED OTHERWISE.
5. MINIMUM COVER ON PIPES ARE AS FOLLOWS:

- MAINS Ø100mm AND GREATER 750mm COVER (ALL AREAS)

- RIVER MAINS 600mm COVER IN BERMS & 750mm COVER IN TRAFFICKED AREAS

- SERVICE PIPES 450mm COVER
6. ALL RESIDENTIAL SERVICE TOBIES ARE ACJUTO MANIFOLDS WITH DOUBLE CHECK VALVES.
7. ALL HYDRANTS ARE TALL TYPE HYDRANTS.
8. ALL 450 VALVES ARE TEE ANK OR HAMLE EPOXY COATED DUCTILE IRON WITH A 2.07MPa RATING AND CONFORM TO AS2638:2011.
9. ALL Ø100 OR GREATER VALVES HAVE FLANGED JOINTS EPOXY COATED DUCTILE IRON WITH A 2.07MPa RATING TO CONFORM TO AS2638:2011.
10. Ø150, Ø100 & Ø50 VALVES HAVE WHITE CAST IRON COVER PAINTED WHITE WITH A MINIMUM OPENING OF 200mm SQUARE. VALVES ARE MARKED WITH 'V' ETCHED IN KERB.
11. FIRE HYDRANTS HAVE YELLOW PAINTED TRIANGLE AND BLUE CANS ETC ON ROAD. COVER PAINTED YELLOW.

Cuttriss Consultants Limited
Hunt Valley, Wellington, Kapiti Coast

Cuttriss
Land Surveyors, Engineers & Resource Managers

Lower Hutt Branch: Level 3, Crest House, 80 Queens Drive, Lower Hutt
Postal Address: P.O. Box 93, 423, Lower Hutt 5040
Telephone (04) 559 8245 Fax (04) 559 8248 Email info@cuttriss.co.nz
Rangitikei Branch: 33 Kaiti Road, Paritutu
Postal Address: P.O. Box 986, Paritutu 554
Telephone (04) 559 5400 Fax (04) 559 5402 Email kapi@cuttriss.co.nz

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JOB

AOTEA
BAXTERS KNOB STAGE 2
SUBDIVISION CIVIL WORKS

WATER
ASBUILT PLAN
(SHEET 3 OF 3)

| SCALE | | SIZE |
|-------|-------------|------|
| 1:500 | (A3 1:1000) | A1 |

| DRAWING NUMBER | |
|----------------|-----------|
| NAME | DATE |
| FIELDWORK | KOC 05/13 |
| DESIGNED | - |
| DRAWN | KML 05/13 |
| CHECKED | JHM 07/13 |

| | |
|---------------------|---|
| SHEET 3 OF 3 SHEETS | |
| REVISION | B |