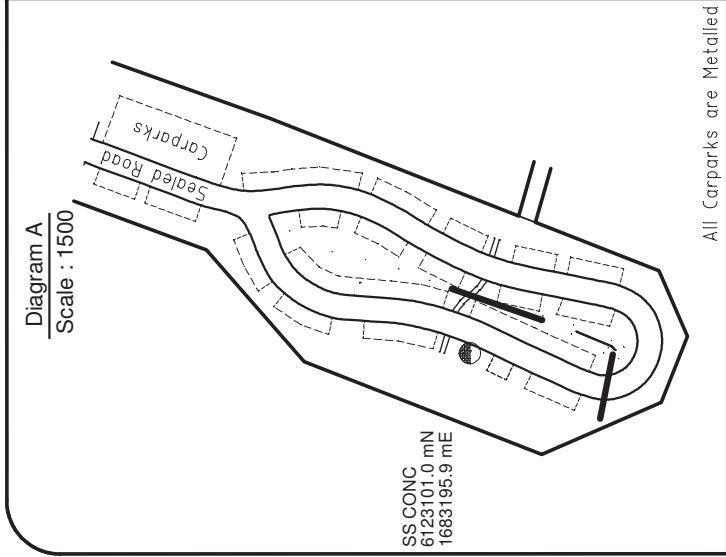
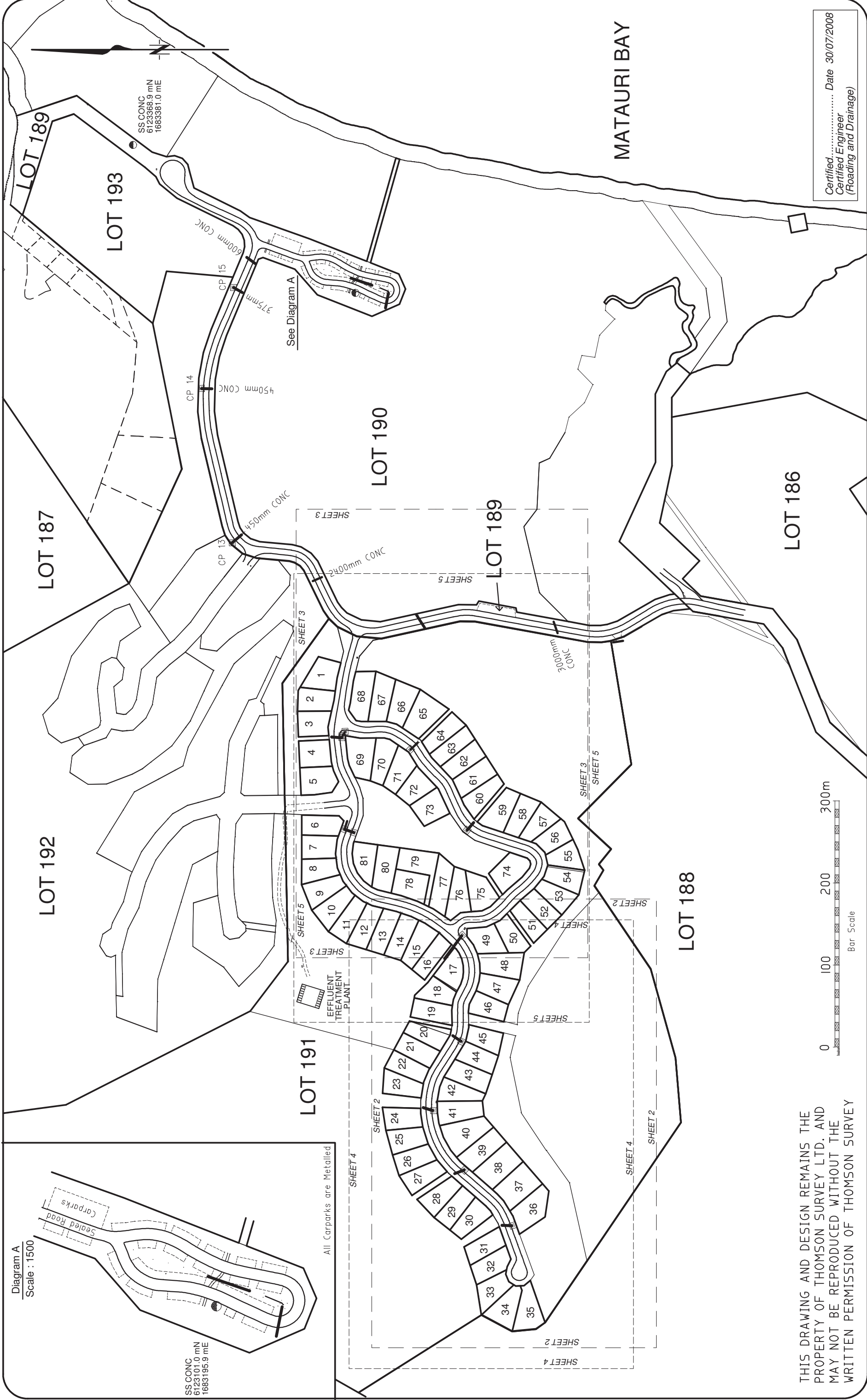
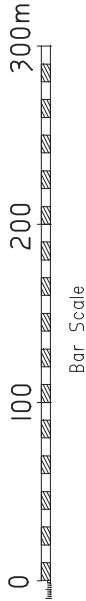




All Carparks are Metalled



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Certified..... Date 30/07/2008  
Certified Engineer  
(Roading and Drainage)



315 Kerikeri Rd  
P.O. Box 372 Kerikeri  
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Ph: (09) 4077360 Fax (09) 4077322

Registered Land Surveyors, Planners & Land Development Consultants

ROAD ASBUILT AND TREATMENT PLANT LOCATION **Sheet 1 of 6**

DP 393665  
MATAURI BAY

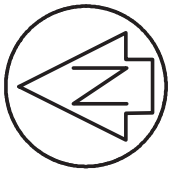
Prepared For Matauri Bay Properties

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| Survey                     | Name | Date      | 25-06-08 | SCALE    |            |  |           |  |
| Design                     |      |           |          |          |            |  |           |  |
| Drawn                      |      |           |          | CNK      |            |  |           |  |
| Approved                   |      |           |          |          |            |  |           |  |
| Rev.                       | SH   | 129-07-08 |          |          |            |  |           |  |

Surveyors  
Ref. No:

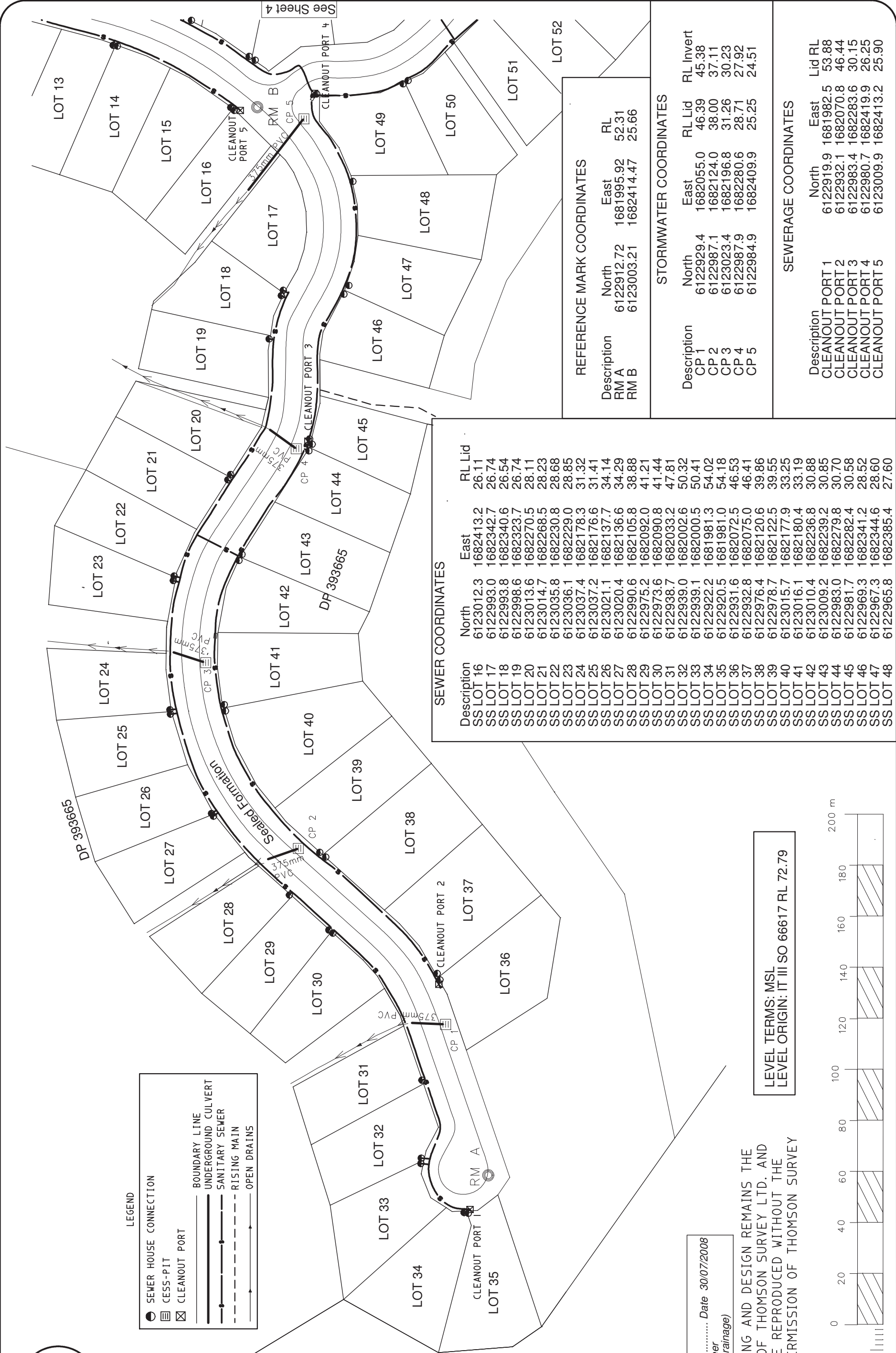
7107

Series



LEGEND

|       |                        |
|-------|------------------------|
| ●     | SEWER HOUSE CONNECTION |
| ▤     | CESS-PIT               |
| ⊠     | CLEANOUT PORT          |
| —     | BOUNDARY LINE          |
| —     | UNDERGROUND CULVERT    |
| —●—   | SANITARY SEWER         |
| - - - | RISING MAIN            |
| →     | OPEN DRAINS            |



SEWER COORDINATES

| Description | North     | East      | RL Lid |
|-------------|-----------|-----------|--------|
| SS LOT 16   | 6123012.3 | 1682413.2 | 26.11  |
| SS LOT 17   | 6122993.0 | 1682342.7 | 26.74  |
| SS LOT 18   | 6122993.8 | 1682340.6 | 26.54  |
| SS LOT 19   | 6122998.6 | 1682323.7 | 26.74  |
| SS LOT 20   | 6123013.6 | 1682270.5 | 28.11  |
| SS LOT 21   | 6123014.7 | 1682268.5 | 28.23  |
| SS LOT 22   | 6123035.8 | 1682230.8 | 28.68  |
| SS LOT 23   | 6123036.1 | 1682229.0 | 28.85  |
| SS LOT 24   | 6123037.4 | 1682178.3 | 31.32  |
| SS LOT 25   | 6123037.2 | 1682176.6 | 31.41  |
| SS LOT 26   | 6123021.1 | 1682137.7 | 34.14  |
| SS LOT 27   | 6123020.4 | 1682136.6 | 34.29  |
| SS LOT 28   | 6122990.6 | 1682105.8 | 38.88  |
| SS LOT 29   | 6122975.2 | 1682092.0 | 41.21  |
| SS LOT 30   | 6122973.6 | 1682090.8 | 41.44  |
| SS LOT 31   | 6122938.7 | 1682033.2 | 47.81  |
| SS LOT 32   | 6122939.0 | 1682002.6 | 50.32  |
| SS LOT 33   | 6122939.1 | 1682000.5 | 50.41  |
| SS LOT 34   | 6122922.2 | 1681981.3 | 54.02  |
| SS LOT 35   | 6122920.5 | 1681981.0 | 54.18  |
| SS LOT 36   | 6122931.6 | 1682072.5 | 46.53  |
| SS LOT 37   | 6122932.8 | 1682075.0 | 46.41  |
| SS LOT 38   | 6122976.4 | 1682120.6 | 39.86  |
| SS LOT 39   | 6122978.7 | 1682122.5 | 39.55  |
| SS LOT 40   | 6123015.7 | 1682177.9 | 33.25  |
| SS LOT 41   | 6123016.1 | 1682180.4 | 33.19  |
| SS LOT 42   | 6123010.4 | 1682236.8 | 30.88  |
| SS LOT 43   | 6123009.2 | 1682239.2 | 30.85  |
| SS LOT 44   | 6122983.0 | 1682279.8 | 30.70  |
| SS LOT 45   | 6122981.7 | 1682282.4 | 30.58  |
| SS LOT 46   | 6122969.3 | 1682341.2 | 28.52  |
| SS LOT 47   | 6122967.3 | 1682344.6 | 28.60  |
| SS LOT 48   | 6122965.8 | 1682385.4 | 27.60  |

REFERENCE MARK COORDINATES

| Description | North      | East       | RL    |
|-------------|------------|------------|-------|
| RM A        | 6122912.72 | 1681995.92 | 52.31 |
| RM B        | 6123003.21 | 1682414.47 | 25.66 |

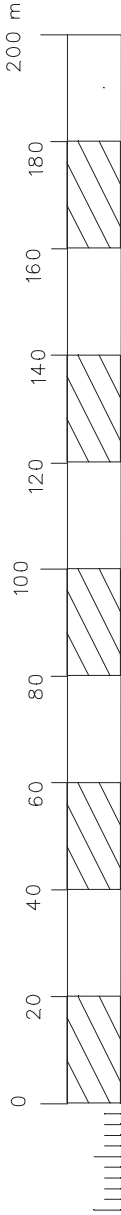
STORMWATER COORDINATES

| Description | North     | East      | RL Lid | RL Invert |
|-------------|-----------|-----------|--------|-----------|
| CP 1        | 6122929.4 | 1682055.0 | 46.39  | 45.38     |
| CP 2        | 6122987.1 | 1682124.0 | 38.00  | 37.11     |
| CP 3        | 6123023.4 | 1682196.8 | 31.26  | 30.23     |
| CP 4        | 6122987.9 | 1682280.6 | 28.71  | 27.92     |
| CP 5        | 6122984.9 | 1682409.9 | 25.25  | 24.51     |

SEWERAGE COORDINATES

| Description     | North     | East      | Lid RL |
|-----------------|-----------|-----------|--------|
| CLEANOUT PORT 1 | 6122919.9 | 1681982.5 | 53.88  |
| CLEANOUT PORT 2 | 6122932.1 | 1682070.8 | 46.44  |
| CLEANOUT PORT 3 | 6122983.4 | 1682283.6 | 30.15  |
| CLEANOUT PORT 4 | 6122980.7 | 1682419.9 | 26.25  |
| CLEANOUT PORT 5 | 6123009.9 | 1682413.2 | 25.90  |

LEVEL TERMS: MSL  
LEVEL ORIGIN: IT III SO 66617 RL 72.79



Certified:..... Date 30/07/2008  
Certified Engineer  
(Roading and Drainage)

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Sheet 2 of 6

ASBUILTS  
ROAD, SEWER & STORMWATER

DP 393665, MATAURI BAY

For: Matauri Bay Properties Ltd

7107 asbuilt sheet 2-5.lcd

ORIGINAL

Survey Name

Design SL

Drawn CHK

Approved

Rev. SH

SCALE

SHEET

SIZE

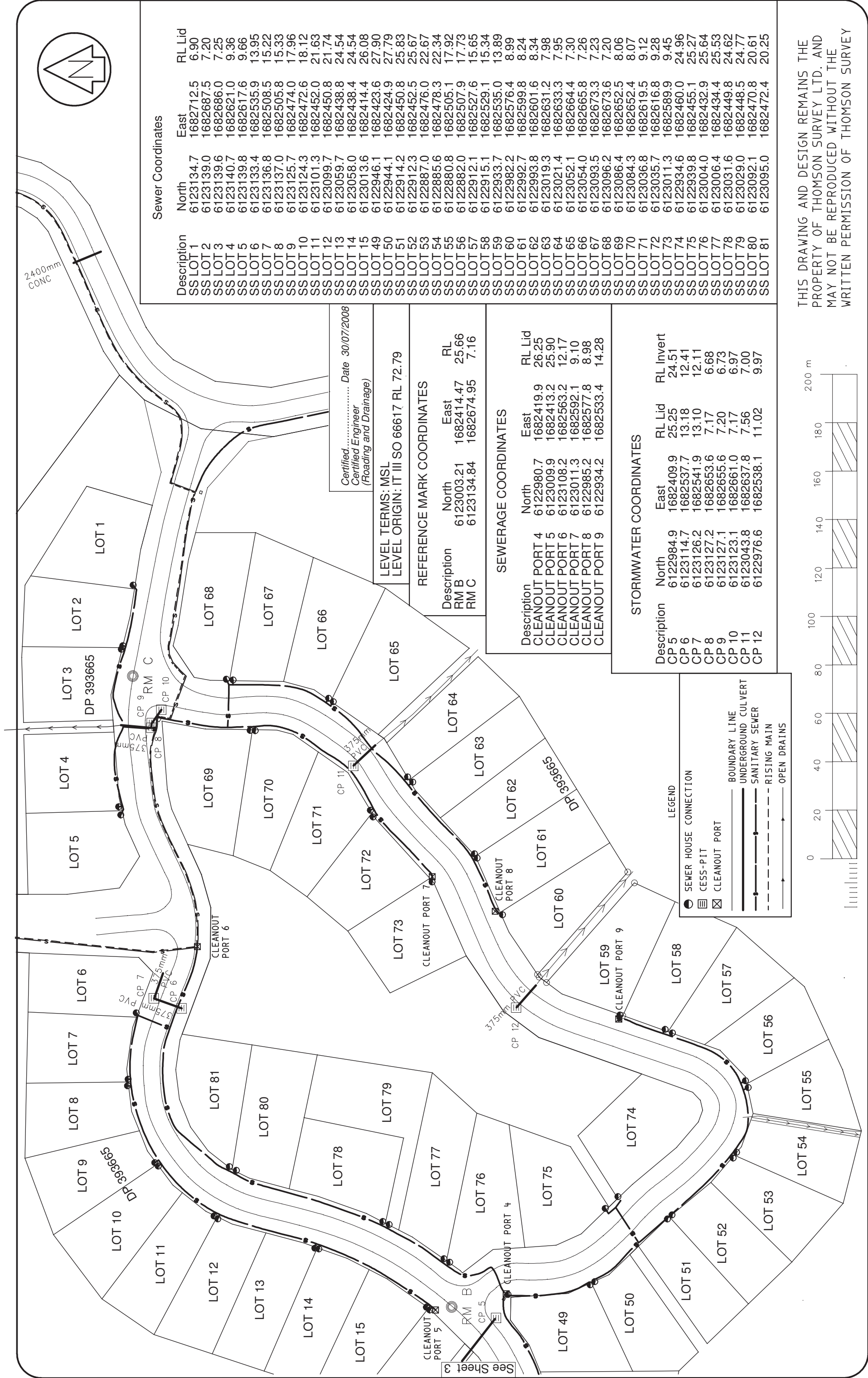
A2

Surveyors

Ref. No:

7107

Series



| Sewer Coordinates |           |           |        |
|-------------------|-----------|-----------|--------|
| Description       | North     | East      | RL Lid |
| SS LOT 1          | 6123134.7 | 1682712.5 | 6.90   |
| SS LOT 2          | 6123139.0 | 1682687.5 | 7.20   |
| SS LOT 3          | 6123139.6 | 1682686.0 | 7.25   |
| SS LOT 4          | 6123140.7 | 1682621.0 | 9.36   |
| SS LOT 5          | 6123139.8 | 1682617.6 | 9.66   |
| SS LOT 6          | 6123133.4 | 1682535.9 | 13.95  |
| SS LOT 7          | 6123136.8 | 1682508.5 | 15.22  |
| SS LOT 8          | 6123137.0 | 1682505.8 | 15.33  |
| SS LOT 9          | 6123125.7 | 1682474.0 | 17.96  |
| SS LOT 10         | 6123124.3 | 1682472.6 | 18.12  |
| SS LOT 11         | 6123101.3 | 1682452.0 | 21.63  |
| SS LOT 12         | 6123099.7 | 1682450.8 | 21.74  |
| SS LOT 13         | 6123059.7 | 1682438.8 | 24.54  |
| SS LOT 14         | 6123058.0 | 1682438.4 | 24.54  |
| SS LOT 15         | 6123013.6 | 1682414.4 | 26.08  |
| SS LOT 49         | 6122946.1 | 1682423.6 | 27.90  |
| SS LOT 50         | 6122944.1 | 1682424.9 | 27.79  |
| SS LOT 51         | 6122914.2 | 1682450.8 | 25.83  |
| SS LOT 52         | 6122912.3 | 1682452.5 | 25.67  |
| SS LOT 53         | 6122887.0 | 1682476.0 | 22.67  |
| SS LOT 54         | 6122885.6 | 1682478.3 | 22.34  |
| SS LOT 55         | 6122880.8 | 1682505.1 | 17.92  |
| SS LOT 56         | 6122882.0 | 1682507.9 | 17.73  |
| SS LOT 57         | 6122912.1 | 1682527.6 | 15.65  |
| SS LOT 58         | 6122915.1 | 1682529.1 | 15.34  |
| SS LOT 59         | 6122933.7 | 1682535.0 | 13.89  |
| SS LOT 60         | 6122982.2 | 1682576.4 | 8.99   |
| SS LOT 61         | 6122992.7 | 1682599.8 | 8.24   |
| SS LOT 62         | 6122993.8 | 1682601.6 | 8.34   |
| SS LOT 63         | 6123019.3 | 1682631.2 | 7.98   |
| SS LOT 64         | 6123021.4 | 1682633.3 | 7.95   |
| SS LOT 65         | 6123052.1 | 1682664.4 | 7.30   |
| SS LOT 66         | 6123054.0 | 1682665.8 | 7.26   |
| SS LOT 67         | 6123093.5 | 1682673.3 | 7.23   |
| SS LOT 68         | 6123096.2 | 1682673.6 | 7.20   |
| SS LOT 69         | 6123086.4 | 1682652.5 | 8.06   |
| SS LOT 70         | 6123084.3 | 1682652.4 | 8.07   |
| SS LOT 71         | 6123036.8 | 1682619.5 | 9.12   |
| SS LOT 72         | 6123035.7 | 1682616.8 | 9.28   |
| SS LOT 73         | 6123011.3 | 1682589.9 | 9.45   |
| SS LOT 74         | 6122934.6 | 1682460.0 | 24.96  |
| SS LOT 75         | 6122939.8 | 1682455.1 | 25.27  |
| SS LOT 76         | 6123004.0 | 1682432.9 | 25.64  |
| SS LOT 77         | 6123006.4 | 1682434.4 | 25.53  |
| SS LOT 78         | 6123031.6 | 1682449.8 | 24.62  |
| SS LOT 79         | 6123029.0 | 1682448.5 | 24.77  |
| SS LOT 80         | 6123092.1 | 1682470.8 | 20.61  |
| SS LOT 81         | 6123095.0 | 1682472.4 | 20.25  |

Certified..... Date 30/07/2008  
Certified Engineer  
(Roading and Drainage)

|                                                            |
|------------------------------------------------------------|
| LEVEL TERMS: MSL<br>LEVEL ORIGIN: IT III SO 66617 RL 72.79 |
|------------------------------------------------------------|

| REFERENCE MARK COORDINATES |            |            |       |
|----------------------------|------------|------------|-------|
| Description                | North      | East       | RL    |
| RM B                       | 6123003.21 | 1682414.47 | 25.66 |
| RM C                       | 6123134.84 | 1682674.95 | 7.16  |

| SEWERAGE COORDINATES |           |           |        |
|----------------------|-----------|-----------|--------|
| Description          | North     | East      | RL Lid |
| CLEANOUT PORT 4      | 6122980.7 | 1682419.9 | 26.25  |
| CLEANOUT PORT 5      | 6123009.9 | 1682413.2 | 25.90  |
| CLEANOUT PORT 6      | 6123108.2 | 1682563.2 | 12.17  |
| CLEANOUT PORT 7      | 6123011.3 | 1682592.1 | 9.10   |
| CLEANOUT PORT 8      | 6122985.2 | 1682577.8 | 8.98   |
| CLEANOUT PORT 9      | 6122934.2 | 1682533.4 | 14.28  |

| STORMWATER COORDINATES |           |           |        |
|------------------------|-----------|-----------|--------|
| Description            | North     | East      | RL Lid |
| CP 5                   | 6122984.9 | 1682409.9 | 25.25  |
| CP 6                   | 6123114.7 | 1682537.7 | 13.18  |
| CP 7                   | 6123126.2 | 1682541.9 | 13.10  |
| CP 8                   | 6123127.2 | 1682653.6 | 7.17   |
| CP 9                   | 6123127.1 | 1682655.6 | 7.20   |
| CP 10                  | 6123123.1 | 1682661.0 | 7.17   |
| CP 11                  | 6123043.8 | 1682637.8 | 7.56   |
| CP 12                  | 6122976.6 | 1682538.1 | 11.02  |

LEGEND

●

SEWER HOUSE CONNECTION

▢

CESS-PIT

▣

CLEANOUT PORT

—

BOUNDARY LINE

—

UNDERGROUND CULVERT

—●—

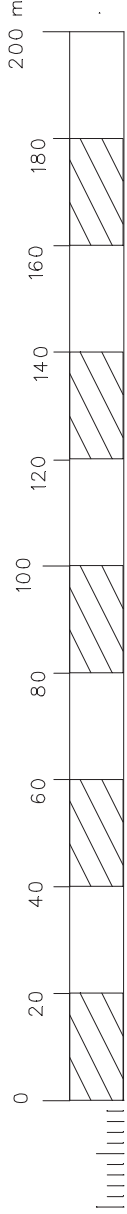
SANITARY SEWER

- - -

RIISING MAIN

—●—

OPEN DRAINS



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ASBUILTS

ROAD FORMATION, SEWER & STORMWATER

DP 393665, MATAURI BAY

Sheet 3 of 6

For : Matuari Bay Properties Ltd

7107 asbuilt sheet 3-5.lcd

Survey

Name

SL

Date

25/06/08

Design

Drawn

CMK

04/07/08

Approved

Rev.

SH

29/07/08

ORIGINAL

SCALE

SHEET  
SIZE

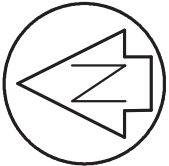
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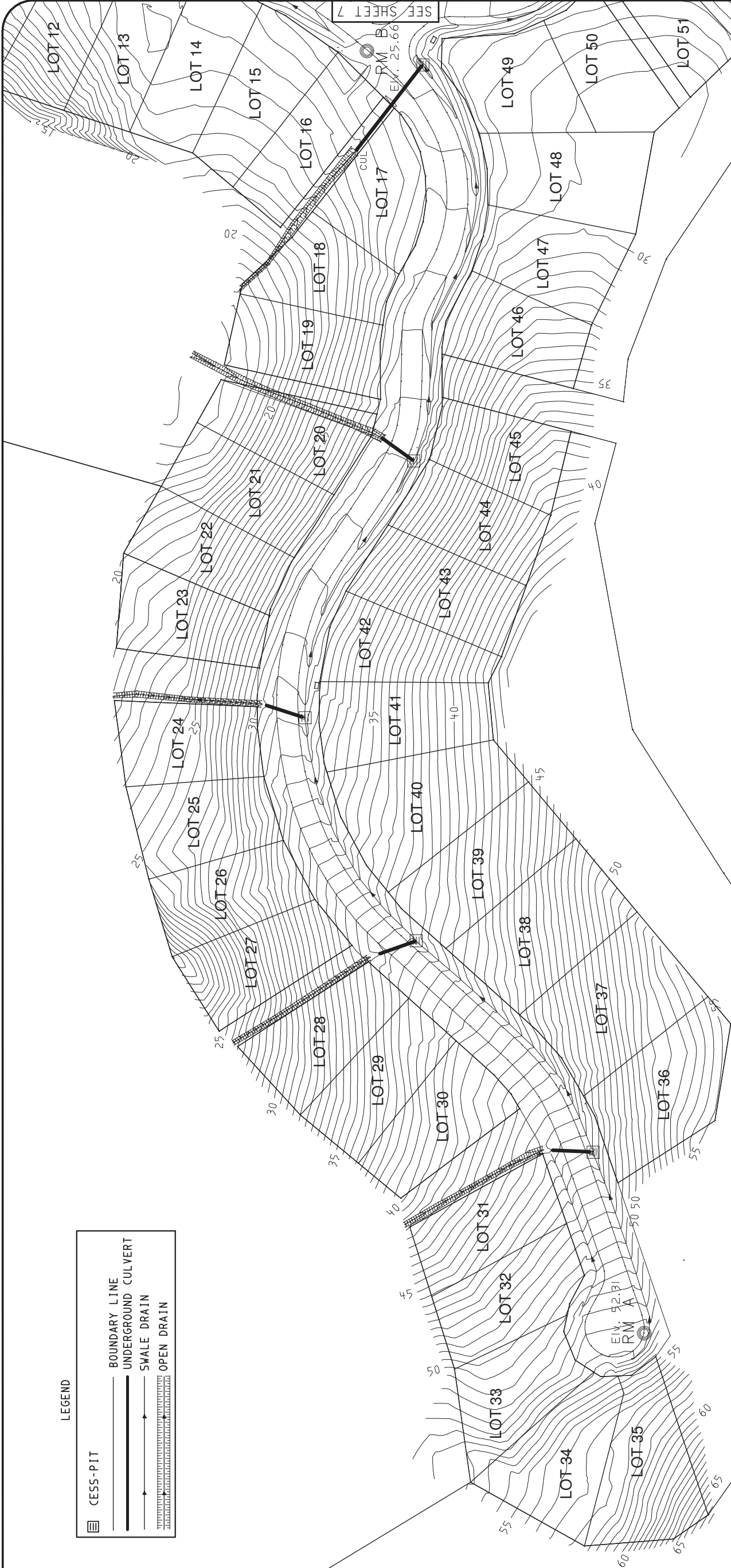
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Series



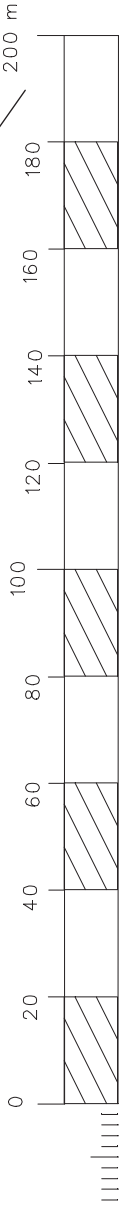
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|  |                     |
|--|---------------------|
|  | CESS-PIT            |
|  | BOUNDARY LINE       |
|  | UNDERGROUND CULVERT |
|  | SWALE DRAIN         |
|  | OPEN DRAIN          |



Contour interval is:    -Major 5.0m  
                                  -Minor 0.5m

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LEVEL TERMS: MSL  
LEVEL ORIGIN: IT III SO 66617 RL 72.79

Certified..... Date 30/07/2008  
Certified Engineer  
(Roading and Drainage)



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P.O. Box 372 Kerikeri  
Email: kerikerisurvey.co.nz  
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FINAL CONTOURS / STORMWATER

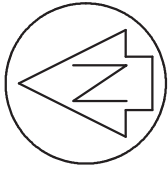
DP 393665  
MATAURI BAY

For : Matauri Bay Properties Ltd

Sheet 4 of 6

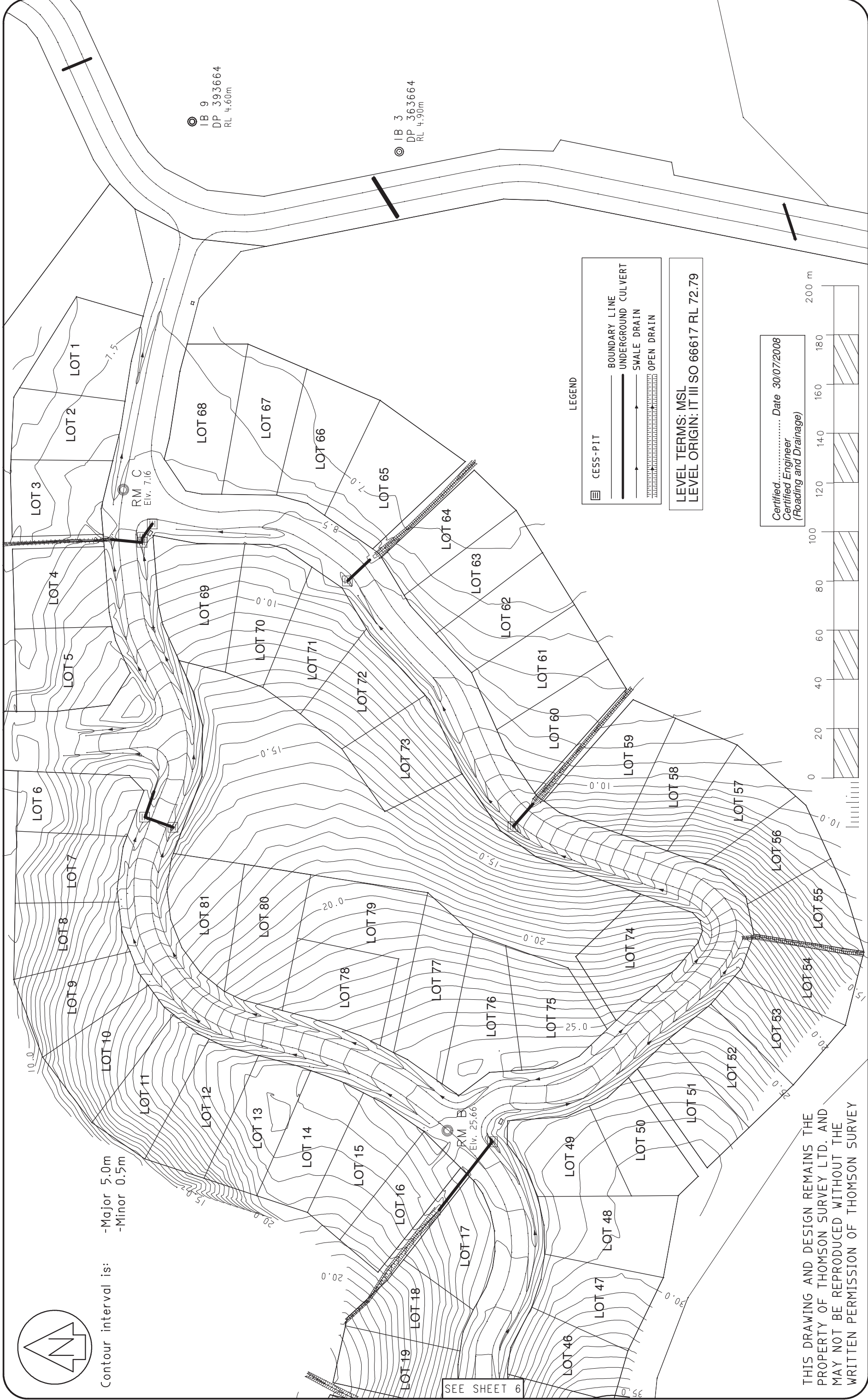
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| Design                     | CMK      | 17-07-08 |
| Drawn                      | Approved | 1:1000   |
| Rev.                       | CMK      | 28-07-08 |

Surveyors  
Ref. No:  
**7107**  
Series



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- Major 5.0m
- Minor 0.5m



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Registered Land Surveyors, Planners & Land Development Consultants

## FINAL CONTOURS / STORMWATER

Sheet 5 of 6

DP 393665  
MATAURI BAY

For : Matauri Bay Properties Ltd

|                            |      |          |
|----------------------------|------|----------|
| 7107 asbuilt sheet 5-5.lcd |      | ORIGINAL |
| Name                       | Date | SCALE    |
| Survey                     |      | SHEET    |
| Design                     |      | SIZE     |
| Drawn                      | CMK  | 17-07-08 |
| Approved                   |      |          |
| Rev.                       | CMK  | 28-07-08 |

1:1000 A2

Surveyors  
Ref. No:  
**7107**  
Series