southeast engineering + environmental PROJECT:
PO Box 96 Moruya NSW 2537
p: 02 44744439
e: lachlan@south-east.com.au mark@south-east.com.au Charlon NA- .

Subdivision access and road upgrade

scale: 1:1000@A3 SHEET. 1/4

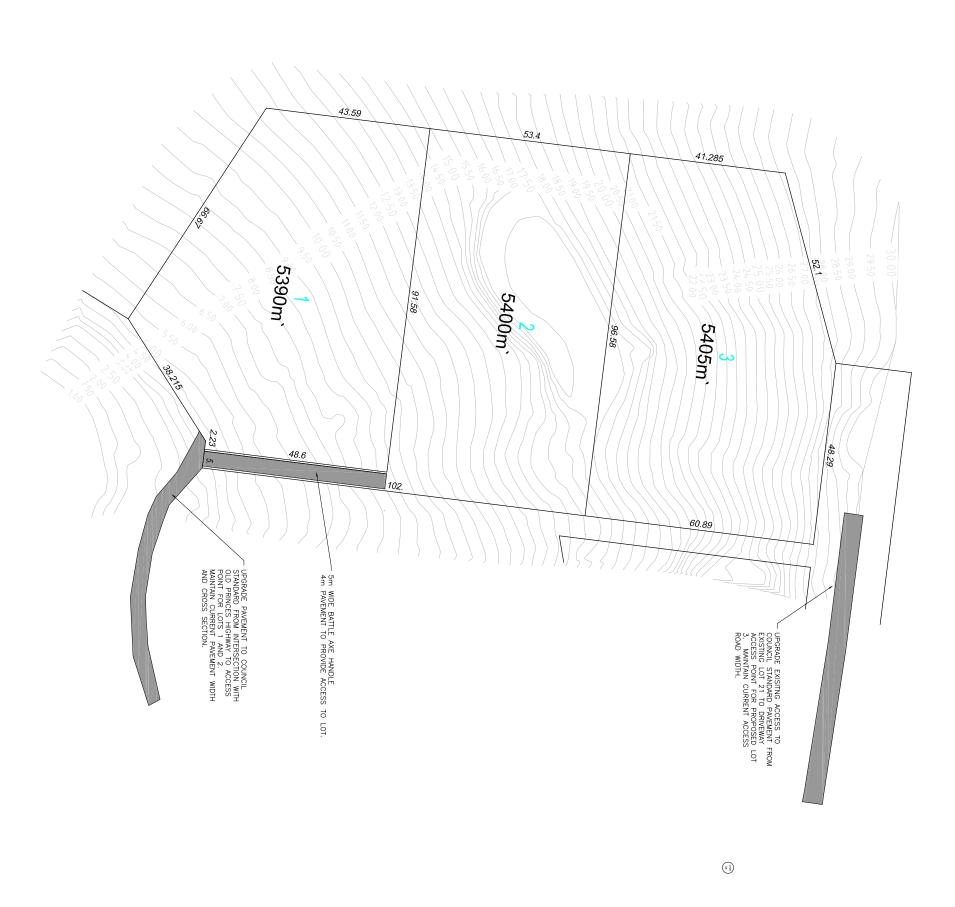
DRAWING NUMBER: 199-01

DESIGNED: CHECKED:

20/12/13 DATE OF ISSUE:

PURPOSE:

| | / | 4 | _ | / | | |
|--|---|---|---|---|-----------------|--|
| | | | | | REV | |
| | | | | | REV DESCRIPTION | |
| | | | | | ВҮ | |
| | | | | | DATE | |
| | | | | | REV | |
| | | | | | REV DESCRIPTION | |



southeast engineering + environmental

PROJECT:
PO Box 96 Moruya NSW 2537
p: 02 44744439
e: lachlan@south-east.com.au mark@south-east.com.au Charlon NA- .

DRAWING NUMBER: 199 - 02 DRAWING TITLE:
Sewer provision

scale: 1:1000@A3 SHEET 2/4

DESIGNED: CHECKED:

PURPOSE: 20/12/13 DATE OF ISSUE:

| φ | | | | | | | |
|-----------|--|--|--|--|--|--------------------------------|-----------------|
| | | | | | | A | REV |
| | | | | | | Modification of sewer location | REV DESCRIPTION |
| | | | | | | LB | ВҮ |
| | | | | | | 24/2/14 | DATE |
| | | | | | | | REV |
| | | | | | | | REV DESCRIPTION |



Southeast engineering + environmental engineering + enviro

DRAWING NUMBER: 199-01 Proposed sewer longsection 1:500@A3

SHEET 3/4 DESIGNED: CHECKED:

DATE OF ISSUE: 20/12/13

PURPOSE:

| Chainage 0.00 | Natural Surface | Design 2.494 | - N. J. |
|---------------|-----------------|-----------------|--|
| 5.000 | 4.255 | 2.817 | E: 2.494m Ch: 5.048m |
| 5.048 | 4.262 | 2.820 | E: 2.820m |
| 10.000 | 4.998 | 3.386 | H N N N N N N N N N N N N N N N N N N N |
| 15.000 | 5.541 | 3.957 | - CONNECT TO - EXISTING COUNCIL - PUMP STATION |
| 20.000 | 6.015 | 4.527 | <u> </u> |
| 25.000 | 6.359 | 5.098 | |
| 30.000 | 6.700 | 5.669 | 11.4% |
| 35.000 | 7.150 | 6.240 | 150mm |
| 40.000 | 7.987 | 6.811 | |
| 45.000 | 8.517 | 7.382 | + |
| 50.000 | 9.039 | 7.953 | Ch:\50.412m |
| 50.412 | 9.094 | 8.000 | E: 8.000m |
| 55.000 | 9.681 | 8.566 | + |
| 60.000 | 10.408 | 9.184 | _ |
| 65.000 | 11.036 | 9.801 | _ |
| 70.000 | 11.680 | 10.419 | |
| 75.000 | 12.290 | 11.036 | 12 |
| 80.000 | 12.852 | 11.653 | 12.3% |
| 85.000 | 13.511 | 12.271 | + |
| 90.000 | 14.087 | 12.888 | + |
| 95.000 | 14.635 | 13.506 | |
| 100.000 | 15.284 | 14.123 | |
| 103.877 | 15.752 | 14.602 | Ch: 103.877π |

southeast engineering + environmental

PO Box 96 Moruya NSW 2537 p: 02 44744439 e: lachlan@south-east.com.au mark@south-east.com.au Charles Morton

| DRAWING NUMBER: 199-04 | Subdivision stormwater |
|---------------------------|------------------------|
| scale: 1:1000@A3 | stormwater |
| SHEET: 4/4 | |
| DESIGNED: | |
| DESIGNED: CHECKED: | |
| LB 20/12/13 | PURPOSE: |



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