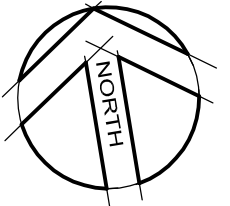
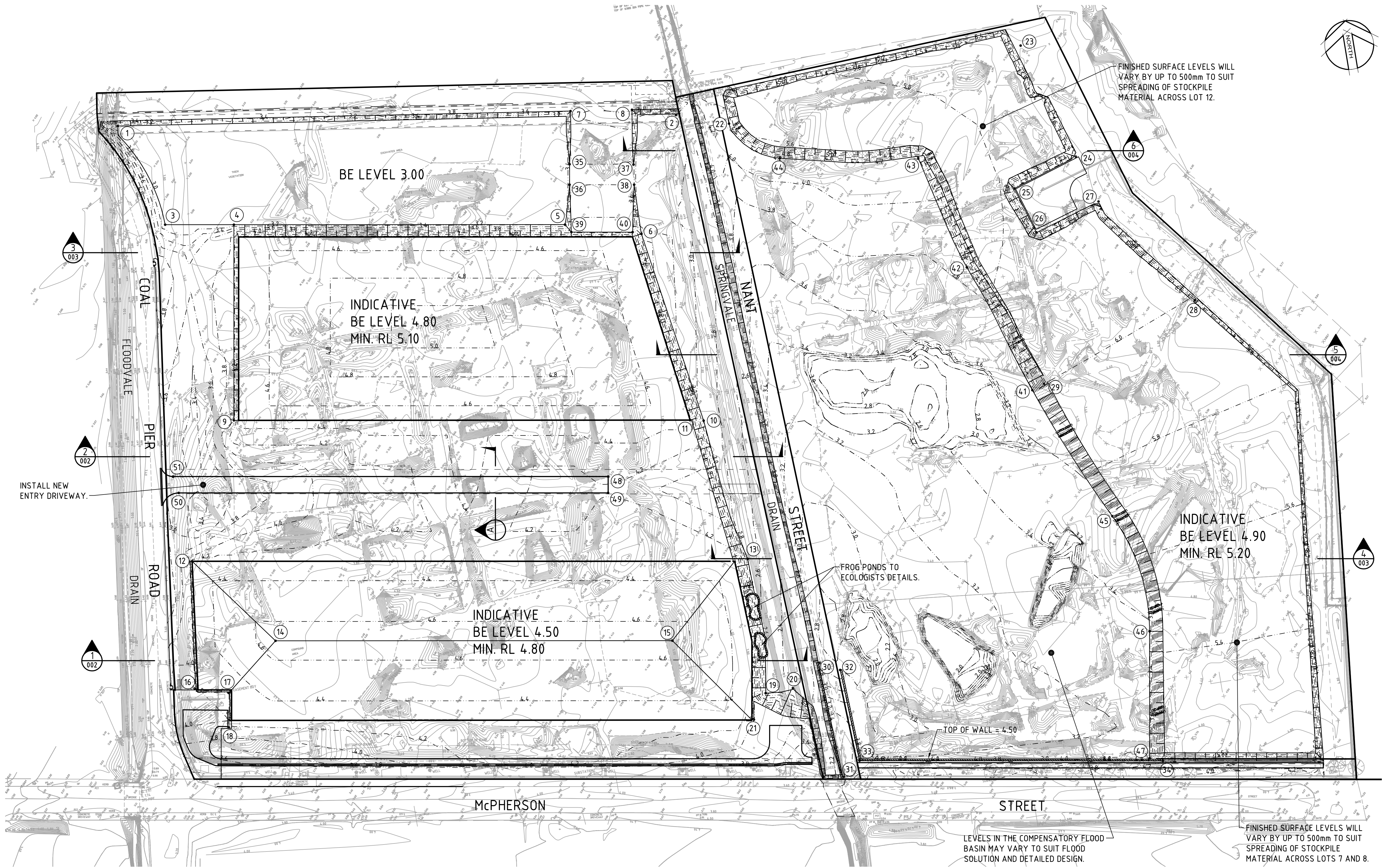


DATE PLOTTED: 19 June 2013 4:33 PM BY: ROBERT LENFERNA (SYDNEY)  
XREF's: X-BLK-A1-SHT: X-Contour Existing, X-Contour Design 200mm, X-Bulk, 12317A\_DAO1\_REV0\_m, X-Base Layout, SITE\_LEG, ACCESS ROAD\_DETAILS, \$0312317A\_DAO1\_REV0\_m, \$03X-Base Layout, \$03X-Contour Design 200mm  
CAD FILE: C:\210094 - Southlands Norwest Civil\Drawings\DA\210094-DA-001 (I) INDICATIVE BULK EARTHWORKS PLAN.dwg



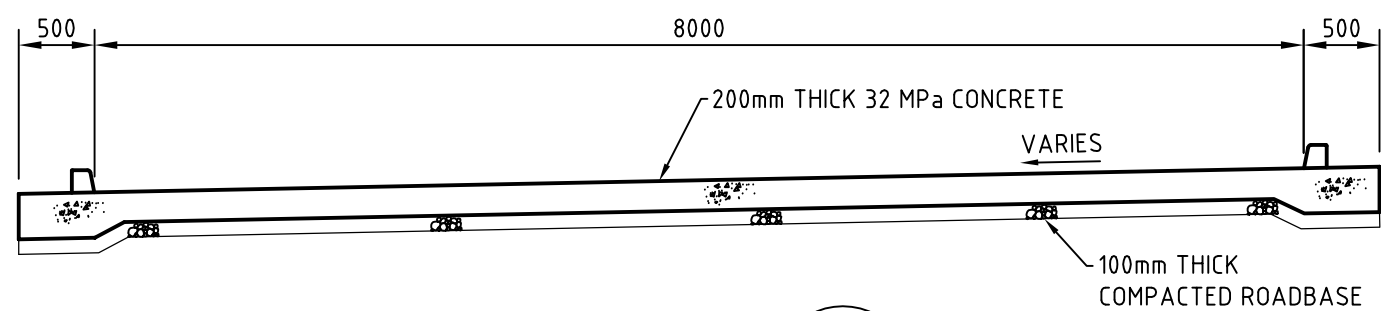
| BULK EARTHWORKS SETOUT |            |             |      |
|------------------------|------------|-------------|------|
| POINT No.              | EASTING    | NORTHING    | FSL  |
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| 2                      | 335132.291 | 6241368.081 | 3.20 |
| 3                      | 334876.521 | 6241356.209 | 3.20 |
| 4                      | 334909.739 | 6241350.680 | 3.20 |
| 5                      | 335069.823 | 6241324.031 | 3.20 |
| 6                      | 335106.022 | 6241313.406 | 3.40 |
| 7                      | 335081.665 | 6241378.484 | 3.60 |
| 8                      | 335111.450 | 6241374.181 | 4.00 |
| 9                      | 334893.983 | 6241256.073 | 4.00 |
| 10                     | 335121.066 | 6241218.083 | 3.00 |
| 11                     | 335114.547 | 6241219.436 | 4.40 |
| 12                     | 334862.435 | 6241191.281 | 4.30 |
| 13                     | 335131.213 | 6241147.714 | 2.80 |
| 14                     | 334896.349 | 6241146.108 | 4.70 |
| 15                     | 335088.210 | 6241114.216 | 4.70 |
| 16                     | 334853.385 | 6241129.493 | 4.00 |
| 17                     | 334869.433 | 6241124.709 | 4.00 |
| 18                     | 334866.671 | 6241108.028 | 3.93 |
| 19                     | 335129.078 | 6241081.292 | 2.60 |
| 20                     | 335142.665 | 6241081.583 | 2.43 |
| 21                     | 335121.283 | 6241069.457 | 4.00 |
| 22                     | 335157.266 | 6241359.650 | 4.24 |
| 23                     | 335304.516 | 6241373.906 | 5.07 |
| 24                     | 335322.231 | 6241315.753 | 4.92 |
| 25                     | 335289.996 | 6241305.283 | 4.41 |
| 26                     | 335297.100 | 6241282.201 | 5.00 |
| 27                     | 335329.615 | 6241292.208 | 5.20 |
| 28                     | 335368.211 | 6241236.730 | 5.20 |
| 29                     | 335288.561 | 6241208.508 | 5.20 |
| 30                     | 335157.558 | 6241091.627 | 3.00 |
| 31                     | 335160.211 | 6241034.606 | 3.60 |
| 32                     | 335166.964 | 6241086.528 | 2.90 |
| 33                     | 335169.004 | 6241041.068 | 3.60 |
| 34                     | 335315.665 | 6241016.555 | 4.20 |
| 35                     | 335076.915 | 6241352.859 | 3.40 |
| 36                     | 335075.270 | 6241342.979 | 3.40 |
| 37                     | 335107.818 | 6241347.539 | 3.40 |
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| 40                     | 335101.916 | 6241314.972 | 4.00 |
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| 42                     | 335260.632 | 6241270.978 | 3.99 |
| 43                     | 335245.958 | 6241327.799 | 4.20 |
| 44                     | 335179.032 | 6241338.838 | 4.20 |
| 45                     | 335310.961 | 6241138.937 | 3.60 |
| 46                     | 335319.674 | 6241080.296 | 3.40 |
| 47                     | 335309.461 | 6241018.858 | 3.40 |
| 48                     | 335070.372 | 6241198.744 | 4.27 |
| 49                     | 335069.057 | 6241190.853 | 4.20 |
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### LEGEND

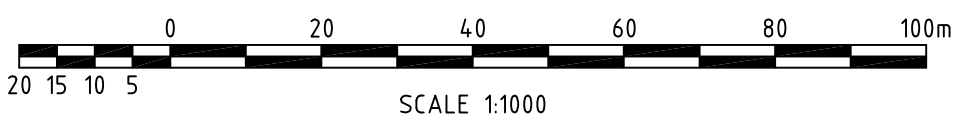
- PROPOSED BULK EARTHWORKS CONTOUR
- BUILDING PLATFORMS
- SETOUT POINT

### NOTE:

- LEVELS ARE INDICATIVE ONLY. EARTHWORKS LEVELS ON STAGE 1 MAY VARY TO SUIT A BALANCE OF CUT AND FILL AND FLOOD LEVELS.
- ALL BATTERS TO BE MAXIMUM 1:3 GRADIENT OR AS RECOMMENDED BY GEOTECHNICAL ENGINEER.



SECTION A-A  
SCALE 1:20



SCALE 1:1000

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AS 9001 Lic 9900  
Standard Australia

|                |                |
|----------------|----------------|
| Drawn<br>DJB   | Date<br>JAN'13 |
| Checked<br>RL  | Date<br>JAN'13 |
| Designed<br>RH | Date<br>JAN'13 |
| Verified<br>RL | Date<br>JAN'13 |
| Approved<br>RL | Date<br>JAN'13 |

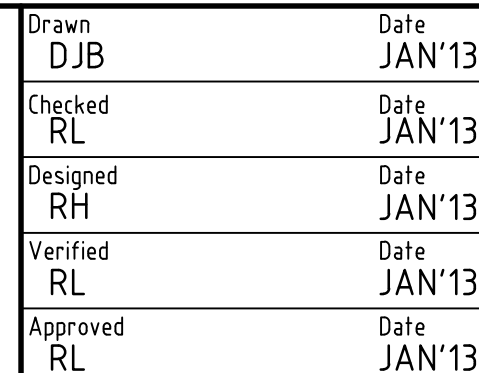
Client **ORICA**  
**SOUTHLANDS INDUSTRIAL ESTATE**  
**CIVIL WORKS PACKAGE**  
**INDICATIVE BULK EARTHWORKS PLAN**

| FOR APPROVAL                           |              |                 |                      |
|----------------------------------------|--------------|-----------------|----------------------|
| Date<br>JAN'13                         | Datum<br>AHD | Scale<br>1:1000 | Size<br>A1           |
| Drawing Number<br><b>210094-DA-001</b> |              |                 | Revision<br><b>D</b> |





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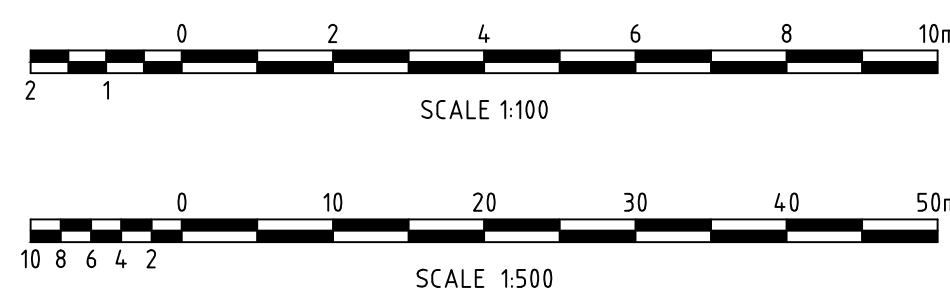
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| Date           | JAN'13 | Datum | AHD | Scale        | AS SHOWN |
|                |        |       |     |              | Size     |
| Drawing Number |        |       |     |              | Revision |
| 210094-DA-002  |        |       |     |              | C        |





ALL LEVELS ARE INDICATIVE ONLY.  
LEVELS MAY VARY TO SUIT A BALANCE  
OF CUT AND FILL AND FLOOD LEVELS.

|     |          |                       |  |       |       |
|-----|----------|-----------------------|--|-------|-------|
|     |          |                       |  |       |       |
|     |          |                       |  |       |       |
|     |          |                       |  |       |       |
|     |          |                       |  |       |       |
| D   | 19.06.13 | STOCKPILE REMOVED     |  | DJB   | RL    |
| C   | 09.05.13 | NOTE ADDED            |  | DJB   | RL    |
| B   | 24.01.13 | REISSUED FOR APPROVAL |  | DJB   | RL    |
| A   | 22.01.13 | ISSUED FOR APPROVAL   |  | DJB   | RL    |
| Rev | Date     | Description           |  | Drawn | Appr. |



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|                |                |
|----------------|----------------|
| Drawn<br>DJB   | Date<br>JAN'13 |
| Checked<br>RL  | Date<br>JAN'13 |
| Designed<br>RH | Date<br>JAN'13 |
| Verified<br>RL | Date<br>JAN'13 |
| Approved<br>RL | Date<br>JAN'13 |

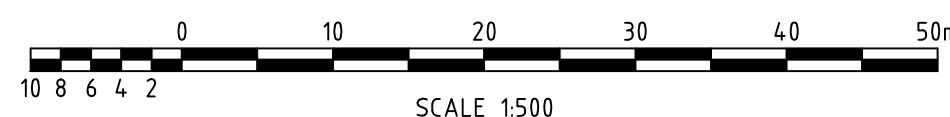
|        |                                                                                                            |
|--------|------------------------------------------------------------------------------------------------------------|
| Client | ORICA                                                                                                      |
|        | SOUTHLANDS<br>INDUSTRIAL ESTATE<br>CIVIL WORKS PACKAGE<br>INDICATIVE BULK EARTHWORKS SECTIONS -<br>SHEET 2 |

|                |          |       |          |
|----------------|----------|-------|----------|
| Status         |          |       |          |
| FOR APPROVAL   |          |       |          |
| Date           | JAN'13   | Datum | AHD      |
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| Drawing Number |          |       | Revision |
| 210094-DA-003  |          |       | D        |

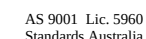




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**SOUTHLANDS**  
**INDUSTRIAL ESTATE**  
**CIVIL WORKS PACKAGE**  
**INDICATIVE BULK EARTHWORKS SECTIONS -**  
**SHEET 3**

|                |       |          |          |
|----------------|-------|----------|----------|
| Status         |       |          |          |
| FOR APPROVAL   |       |          |          |
| Date           | Datum | Scale    | Size     |
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| Drawing Number |       |          | Revision |
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