

FOR CONTINUATION SEE INSET 1

| REV. | DATE | DESCRIPTION | BY |
|------|------|-------------|----|
|      |      |             |    |
|      |      |             |    |

Designed by **K RAKGOLE** Drawn by **K RAKGOLE** Checked by **J MAHLANGU**

**APPROVAL**

| NAME | SIGNATURE | DATE |
|------|-----------|------|
|      |           |      |

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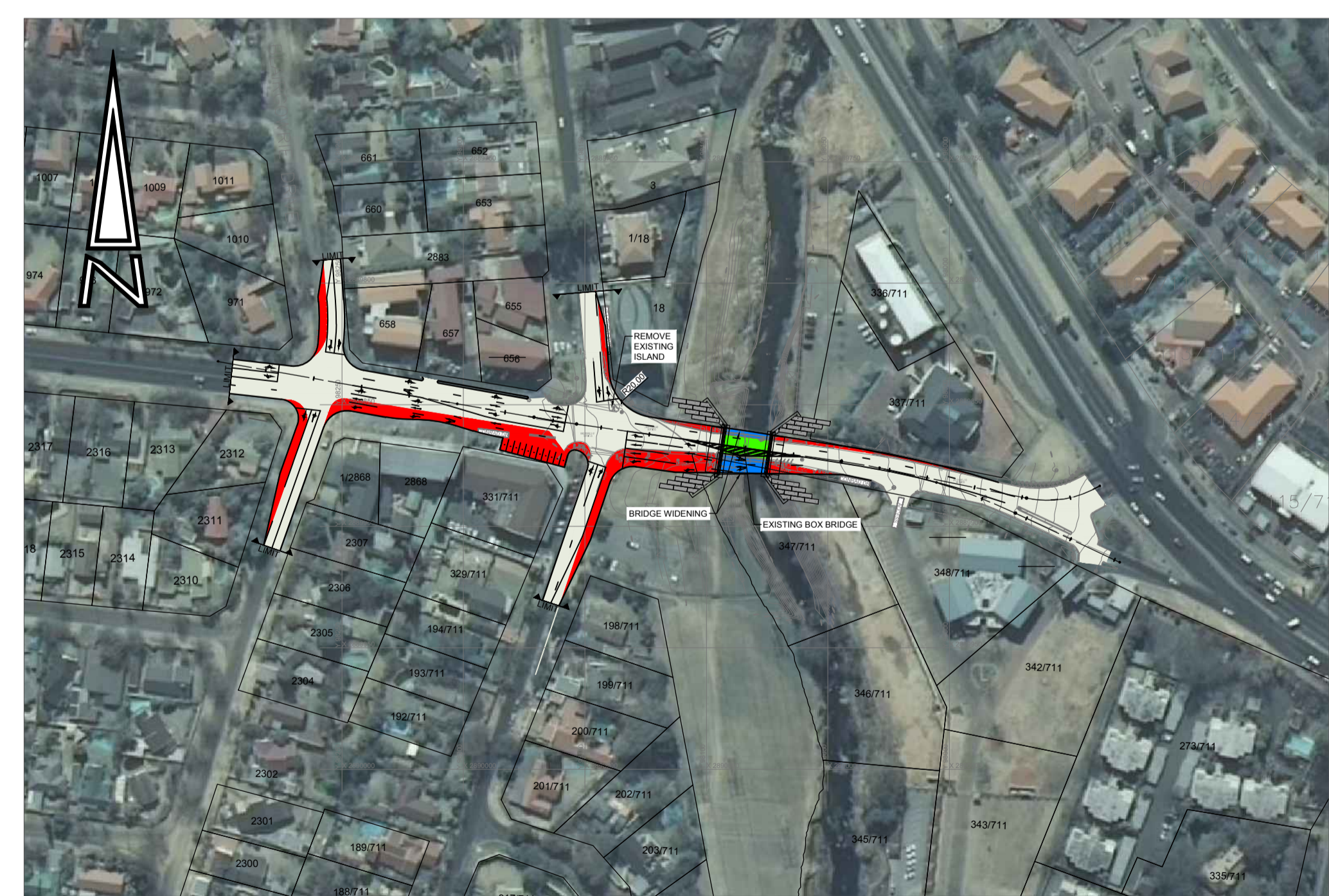
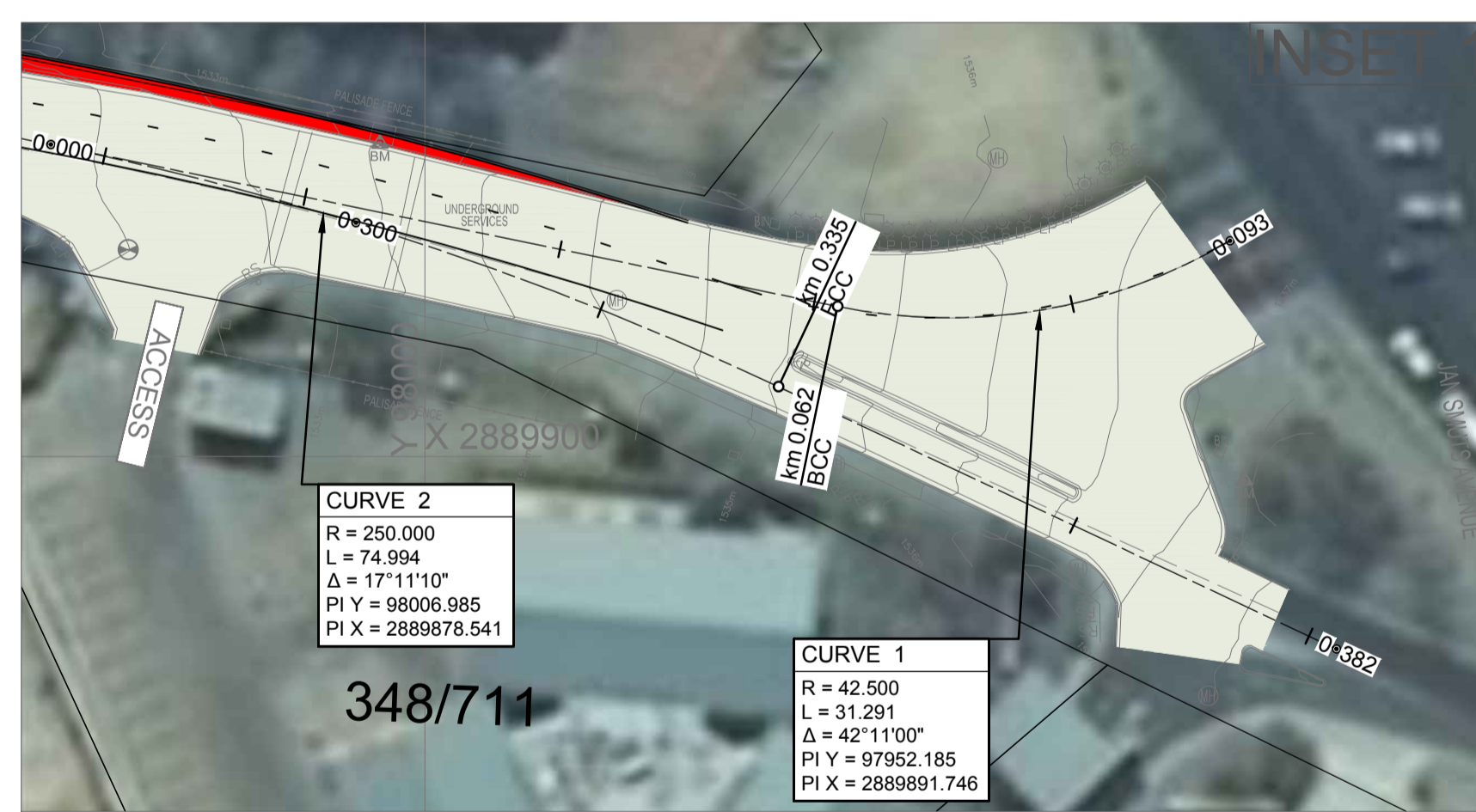
Project Title  
**UPGRADING OF CONRAD DRIVE FROM  
BLAIRGOWRIE DRIVE TO JAN SMUTS AVENUE  
RIVERCLUB, SANDTON**

Drawing Title  
**PROPOSED ROAD LAYOUT  
CONRAD DRIVE**

Issued for  
**FOR DISCUSSION ONLY**

Paper Size **A1** Scale **1:500** DIMENSIONS IN mm UNLESS OTHERWISE STATED

Drawing No. **001** Sheet **1** Rev. **03**



**LEGEND**

|                                |  |
|--------------------------------|--|
| PROPOSED ROAD WIDENING         |  |
| EXISTING ROAD                  |  |
| ERF BOUNDARIES / ROAD RESERVE  |  |
| BENCHMARKS / REFERENCE POINTS  |  |
| EXISTING GROUND ELEVATIONS     |  |
| EXISTING FENCE-LINE            |  |
| EXISTING WALL                  |  |
| EXISTING GUARDRAIL             |  |
| EXISTING ROAD SIGN             |  |
| EXISTING SIGN BOARD            |  |
| EXISTING DISTANCE MARKER       |  |
| EXISTING REFUSE BIN            |  |
| EXISTING TRAFFIC SIGNAL        |  |
| EXISTING STREET LIGHT POLE     |  |
| EXISTING ELECTRICAL MAST/POLE  |  |
| EXISTING ELEC. LINE            |  |
| EXISTING ELEC. OVERHEAD LINE   |  |
| EXISTING ELEC. MANHOLE         |  |
| EXISTING ELEC. BOX/TRANSFORMER |  |
| EXISTING SEWER PIPE            |  |
| EXISTING SEWER MANHOLE         |  |
| EXISTING SEWER CLEANING EYE    |  |
| EXISTING STORMWATER PIPE       |  |
| EXISTING STORMWATER MANHOLE    |  |
| EXISTING WATER PIPE            |  |
| EXISTING WATER END CAP         |  |
| EXISTING WATER VALVE           |  |
| EXISTING WATER METER           |  |
| EXISTING TELKOM CABLE          |  |
| EXISTING TELKOM MANHOLE        |  |
| EXISTING TELEPHONE POLE        |  |

**ALIGNMENT DATA: CONRAD DRIVE**

| SEGMENT | CHAINAGE                     | Y-COORD                        | X-COORD                            | RADIUS    | D.A. / BEARING | LENGTH    |
|---------|------------------------------|--------------------------------|------------------------------------|-----------|----------------|-----------|
| STR. 1  | Km 0.000 to Km 0.132         | 98301.002<br>98170.962         | 2889832.221<br>2889855.199         |           | 280°01'10"     | 132.055 m |
| CURVE 1 | BC: Km 0.132<br>EC: Km 0.150 | BC: 98170.962<br>EC: 98153.490 | BC: 2889855.199<br>EC: 2889857.968 | 500.000 m | Δ: 2°01'40"    | 17.691 m  |
| STR. 2  | Km 0.150 to Km 0.260         | 98153.490<br>98044.399         | 2889857.968<br>2889873.287         |           | 277°59'40"     | 110.161 m |
| CURVE 2 | BC: Km 0.260<br>EC: Km 0.335 | BC: 98044.399<br>EC: 97972.795 | BC: 2889873.287<br>EC: 2889894.616 | 250.000 m | Δ: 17°11'10"   | 74.994 m  |
| STR. 3  | Km 0.335 to Km 0.382         | 97972.795<br>97929.866         | 2889894.616<br>2889914.798         |           | 295°10'50"     | 47.436 m  |

**ALIGNMENT DATA: CONRAD DRIVE-LEFT EXIT**

| SEGMENT | CHAINAGE                     | Y-COORD                        | X-COORD                            | RADIUS   | D.A. / BEARING | LENGTH   |
|---------|------------------------------|--------------------------------|------------------------------------|----------|----------------|----------|
| STR. 1  | Km 0.000 to Km 0.062         | 98028.784<br>97968.241         | 2889875.987<br>2889888.443         |          | 281°37'30"     | 61.811 m |
| CURVE 1 | BC: Km 0.062<br>EC: Km 0.093 | BC: 97968.241<br>EC: 97938.069 | BC: 2889888.443<br>EC: 2889883.412 | 42.500 m | Δ: 42°11'00"   | 31.291 m |