**LEGEND**

POSITION OF SERVICES IN 13,0m AND WIDER ROAD RESERVES (RESIDENTIAL TOWNSHIPS)

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### TABLE A

<table>
<thead>
<tr>
<th>Service</th>
<th>Description</th>
<th>Application</th>
<th>Recommended Length</th>
<th>Minimum</th>
<th>Maximum</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas</td>
<td>Underground</td>
<td>Residential</td>
<td>200</td>
<td>0</td>
<td>5</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Electricity</td>
<td>Underground</td>
<td>Residential</td>
<td>200</td>
<td>0</td>
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<td>20</td>
<td>25</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>Underground</td>
<td>Residential</td>
<td>200</td>
<td>0</td>
<td>5</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td></td>
</tr>
</tbody>
</table>

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**NOTE:**

All services must be provided with an underground stormwater connection except special residential developments smaller than 100 square meters and park driveways must be provided with an underground stormwater connection.

**FOR SERVICES LAYOUT IN DOLOMITE AREA (SOUTH-WESTERN REGION) SEE DRAWING: PLN 001 SHEET 4 OF 4**

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**TYPICAL STANDARD DETAILS**

**SERVICES LAYOUT:**

13m - 25m ROAD RESERVES

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**NOTES AND SPECIFICATIONS**

1. ONLY 6 BURDENS TO BE INSTALLED.
2. TYPICAL TRAFFIC LANE.
3. ALL SERVICES MUST BE PROVIDED WITH AN UNDERGROUND STORMWATER CONNECTION EXCEPT SPECIAL RESIDENTIAL DEVELOPMENTS SMALLER THAN 100 SQUARE METERS AND PARK DRIVEWAYS.
4. AN UNDERGROUND STORMWATER CONNECTION MANDATORY FOR USE.
5. ALL SERVICES MUST BE PROVIDED WITH AN UNDERGROUND STORMWATER CONNECTION EXCEPT SPECIAL RESIDENTIAL DEVELOPMENTS SMALLER THAN 100 SQUARE METERS AND PARK DRIVEWAYS.
6. FOR SERVICES LAYOUT IN DOLOMITE AREA (SOUTH-WESTERN REGION) SEE DRAWING: PLN 001 SHEET 4 OF 4

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**CITY OF TSHWANE**

ROAD AND TRANSPORT DEPARTMENT

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**DESIGNED**

D.J. CHALMERS

**DRAWN**

S. AUDIE

**APPROVED FOR DRAWING**

P.A. ODENDAAL Pr. Eng.

L.G. JOHANNES Pr. Eng.

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**FOR INTERNAL APPROVAL**

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