

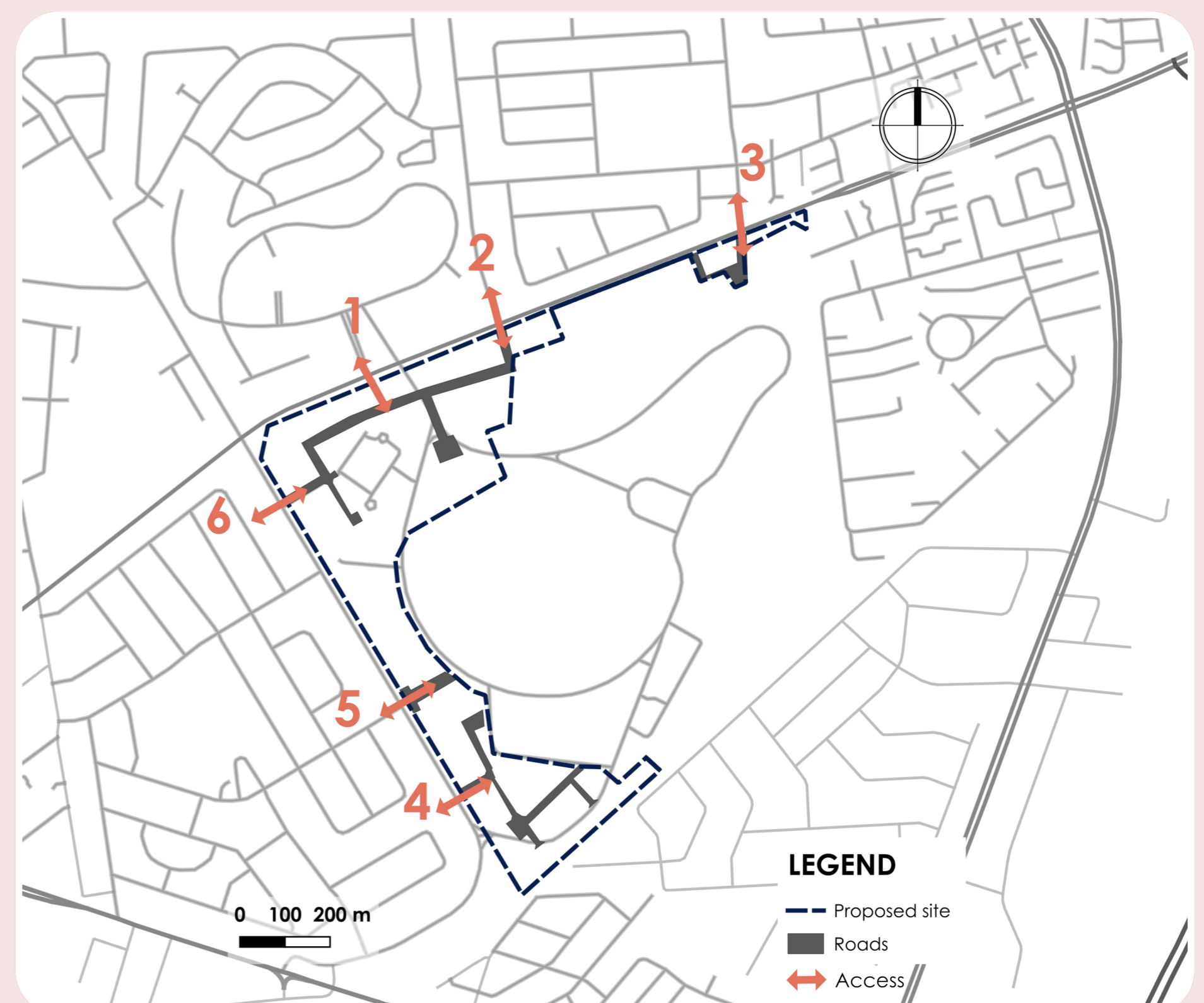
TRANSPORT IMPACT ASSESSMENT

PROPOSED DEVELOPMENT FRAMEWORK FOR STIKLAND SOUTH HOSPITAL SITE, ERF 6300



A Transport Impact Assessment was undertaken for the proposed development by HHO Consulting Engineers to assess the potential impact of the development on traffic operations and the surrounding road network.

1. Links with Old Paarl Road opposite Stikland North Access,
2. Links with Old Paarl Road opposite St Harrod Dr
3. Links with Old Paarl Road opposite Meerlust St,
4. Links with De la Haye Avenue to the north of existing Stikland Hospital Access (to be closed),
5. Links with De la Haye Avenue opposite Frans Hals Street, also new hospital access,
6. Links with De la Haye Avenue at existing Nurses' College Access (see figure adjacent).



IMPACTS AND RECOMMENDATIONS

- The proposed development will impact on the surrounding road network. Additional traffic can be expected on the local road network due to trips generated by the proposed new development.
- Construction phase traffic impacts are anticipated as heavy vehicles and other construction traffic access and leave the site via Old Paarl Road and the wider road networks.
- The intersection of Old Paarl Road with De la Haye Avenue will be upgraded to add significant stop-line capacity to the intersection, with the addition of separate right turn lanes. This will facilitate the effective realisation of the link capacity of the road, which is currently constrained due to the restricted geometry at this intersection.

