

SANS 1883 South African Address Standard

Developed by SC 71E – Geographic Information, a sub-committee of StanSA TC71 – Information Technology



SANS 1883-1 Data format of addresses

SANS 1883-1 defines the data elements of addresses, and how the data elements are combined to make up different address types. Below are some examples:

Street Address

Dr Lategan Road, Groenkloof
1736 Pretorius Street, Arcadia, 0083

Intersection Address

Corner of Kings and Richmond Roads, Mowbray

Landmark Address

Parliament, Cape Town
Voortrekker Monument, Pretoria

Building Address

Election House, 260 Walker Street, Sunnyside
Block 816 Diamond House, Eloff Street, Braamfontein

Site Address

25436 Soshanguve CC
Portion 938 Mooikloof

Farm Address

Tabakskuur, Grootgelukplaas, Kimberley Road,
Bloemfontein

Informal Address

Opposite the butcher shop, Tsamaya Street, Mamelodi

SA Post Office Rural Village Address

012151 Ngxingxolo, Mooiplaas, 5228
010101 Feni, Peddie, 5640

SA Post Office Box Address

PO Box 2947, Hatfield, 0028, ZA
Private Bag X2438, Glenstantia, 0010

SA Post Office Street Address

477 Chopin Street, Glenstantia, 0181
1038 Schoeman Street, Hatfield, 0083

SA Poste Restante Address

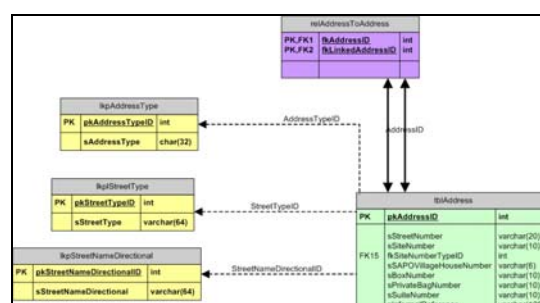
Mr Peter Smith, Poste Restante, Pretoria, 0001
Ms Kagiso Molefe, Poste Restante, Winterveld, 0198

SANS1883-2 Guidelines for addresses in databases, data transfer, exchange and interoperability

SANS 1883-2 specifies how address data are stored in databases, and how it is transferred and exchanged between organizations, e.g. the address can be exchanged in XML format as shown below:

```
File Edit View Favorites Tools Help
Back Forward Stop Home Search Favorites Links
Address [e:\Standards\SANS1883\SANS1883-2\20070301\SANS1883-2.xml] Go
- <StreetAddress>
- <StreetAddressPart>
  <StreetNumber>1736</StreetNumber>
  <StreetName>Pretorius</StreetName>
  <StreetType>Street</StreetType>
  <StreetModifier />
  <StreetDirectional />
</StreetAddressPart>
- <Locality>
  <RegisteredName>Arcadia</RegisteredName>
  <UsedName />
  <TownName />
  <Municipality />
  <Province />
  <SAPOPostcode>0083</SAPOPostcode>
  <Country />
  <CountryCode />
</Locality>
</StreetAddress>
```

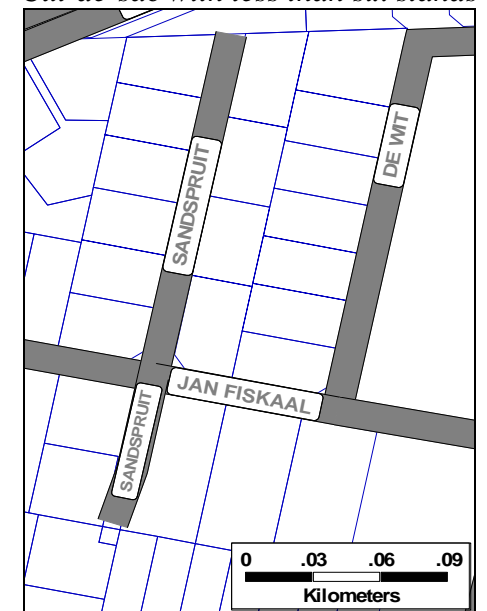
```
SANS1883_Address.csv - SciTE
File Edit Search View Tools Options Language Buffers Help
1 AddressID,StreetNumber,StreetName,StreetType,StreetNameDirectional
2 1,,Dr Lategan,Road,,GROENKLOOF,,,,,0,0,Street front,Street Add
3 2,1736,Pretorius,Street,,ARCADIA,,,,,0083,,0,0,Centre of land par
4 3,70,Park,Street,,HATFIELD,CITY of Tshwane Metropolitan Municip
5 4,938,Nelson Mandela,Drive,,RUSTENBURG,,South Africa,0,0,Cent
6 5,938,Van Staden,Street,,RUSTENBURG,,South Africa,0,0,Cent
7 6,18-20,Settlers,Avenue,,Rhodes,,,,,0,0,GPS coordinates anywher
8 7,260,Walker,Street,,SUNNYSIDE (PTA),,0,0,Street front,Street Addre
9 8,18,Settlers,Avenue,,Rhodes,,,,,0,0,Centre of land parcel,Stre
10 9,20,Fine,Road,,Woodhill,,,,,0,0,Street front,Street Address,Ac
11 10,276,Why,Street,,Woodhill,,,,,0,0,Street front,Street Address
12 11,Marshall,Street,,JOHANNESBURG,,,,,0,0,Street front,Street
13 13,,Park,Street,East,,HATFIELD,Pretoria,,,,,0,0,No Coordinates,St
14 14,,Brooklyn,Road,,BROOKLYN,,,,,0,0,No Coordinates,Street Addre
15 17,,Parliament,Road,,MID-ENNERDALE,,,,,0,0,No Coordinates,Stree
16 23,15,R374,Road,,Escort,,,,,0,0,No Coordinates,Street Address,U
17 25,477,Chopin,Street,,CONSTANTIA PARK,,,,,0,0,No Coordinates,St
18 32.5,First.Avenue,,Woodhill.PRETORIUSPARK,,,,,0,0.No Coordinates
```



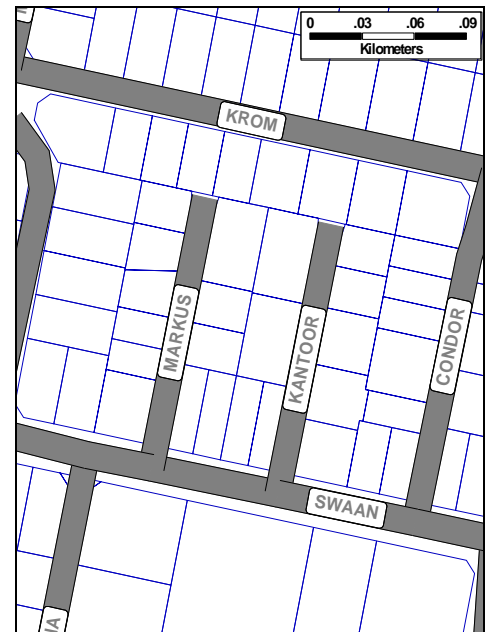
SANS 1883-3 Guidelines for address allocation and updates

SANS 1883-3 provides guidelines for the allocation and maintenance of addresses in the form of a list of recommendations, e.g. it is recommended that a cul-de-sac gets a separate street name if it has more than six stands.

Cul-de-sac with less than six stands



Cul-de-sac with six or more stands



SANS 1883 project team representation

AfriGIS, Business Connexion, Central University of Technology, CSIR, Eskom, Electoral Commission (IEC), Department of Agriculture, Department of Arts and Culture, Department of Water Affairs and Forestry, Drakenstein Municipality, E-Intelligence, Experian, Geo-Information Society of South Africa (GISSA), Geospace, GIMS, Knowledge Factory, Metropolitan municipalities of Cape Town, Ekurhuleni, Ethekwini, Johannesburg, Nelson Mandela Bay and Tshwane, Munsys, Inc, National Spatial Information Framework (NSIF), Oracle, Propnet, Prosource, Saldanha Bay Municipality, SA Post Office, SAS, State IT Agency (SITA), Statistics SA, Telkom, Transunion ITC, University of Pretoria.

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