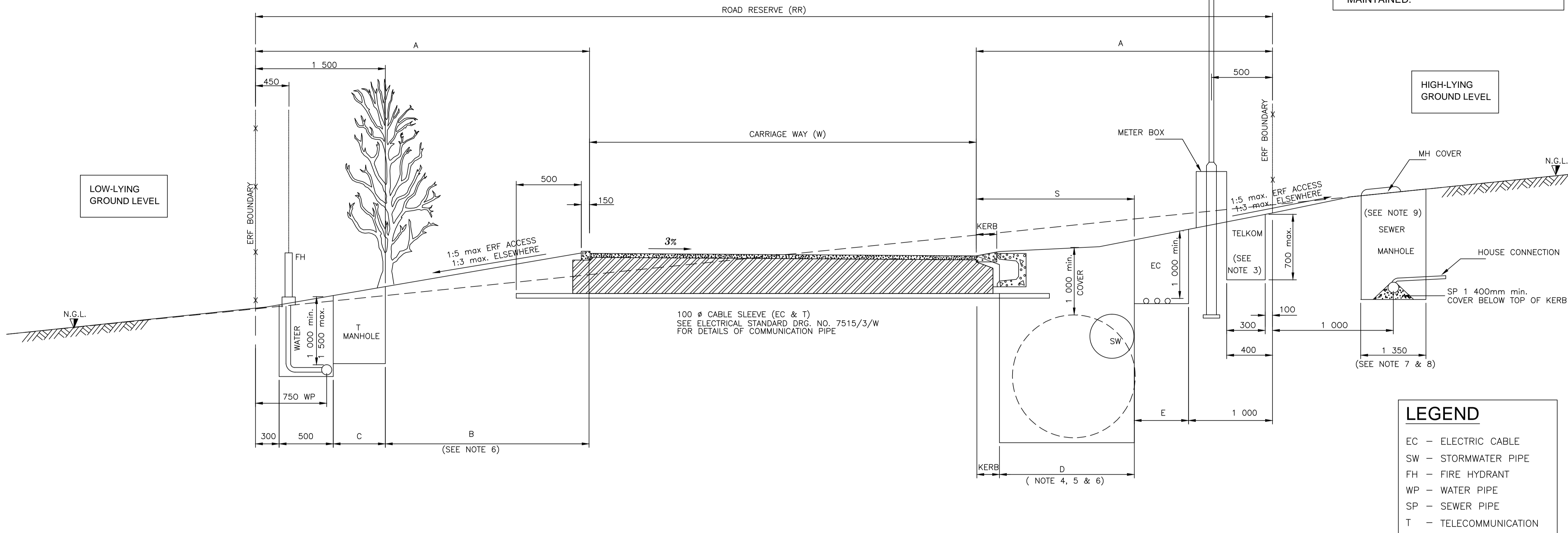


NOTES AND SPECIFICATIONS

- NO MINIATURE ELECTRICAL SUBSTATIONS IN THESE ROAD RESERVES.
- ROAD LENGTHS MUST BE RESTRICTED TO ENSURE THAT NO DWELLING UNIT IS SITUATED MORE THAN 200m FROM THE NEAREST STREET WHERE A MINIATURE SUBSTATION CAN BE PLACED.
- SECONDARY TELKOM POSITION FOR SPECIAL CASES.
- USUALLY NO STORMWATER LINES IN 5,0m AND 8,0m ROAD RESERVE.
- IF THE SPACE PERMITTED FOR STORMWATER IS INADEQUATE, THE PIPE MAY BE PLACED UNDER THE KERB AND CARRIAGE WAY.
- IF THE SIDE SLOPE OF THE ROAD IS IN THE SAME DIRECTION AS THE NATURAL GROUND LEVEL, THEN SPACE 'B' MAY BE USED FOR STORMWATER PURPOSES.
- 5,0 TO 10,0m WIDE ROAD RESERVES DOES NOT PROVIDE ROOM FOR THE PLACING OF SEWERAGE SERVICES WITHIN THE ROAD RESERVE.
- SEWER PIPE TO BE LAID 1,0m INSIDE ERF BOUNDARY.
- A SERVITUDE MUST BE REGISTERED OVER THE SEWER LINE (2,0m WIDE FOR A 150mm Ø PIPE)
- ALL CUL-DE-SACS MUST BE PROVIDED WITH A TURNING FACILITY. REFER TO DRAWING PLN002.
- THIS DRAWING IS NOT APPLICABLE TO THE FOLLOWING:
 - SECTIONAL TITLE DEVELOPMENTS
 - PRIVATE RIGHT OF WAY SERVITUDES PROVIDING ACCESS TO NOT MORE THAN 2 DWELLING UNITS.
- ALL ROADS AND STORMWATER INFRASTRUCTURE IN TERMS OF THIS DRAWING MUST BE ACCORDING TO STANDARD CONSTRUCTION DETAILS AND DESIGN STANDARDS (ALL DRAWINGS IN THIS BOOK)
- ALL ERVEN EXCEPT SPECIAL RESIDENTIAL ERVEN LARGER THAN 1500 SQUARE METERS AND PARK ERVEN MUST BE PROVIDED WITH AN UNDERGROUND STORMWATER CONNECTION.

THIS DRAWING IS ONLY APPLICABLE TO THE INSTALLATION OR CONSTRUCTION OF SERVICES IN NEW ROAD RESERVES.

IN EXISTING ROAD RESERVES OR THE EXTENSION THEREOF THE CURRENT SERVICES CONFIGURATION MUST BE MAINTAINED.



POSITION OF SERVICES IN 10,0m AND NARROWER ROAD RESERVES

TABLE B

ROAD CLASS	DESCRIPTION	APPLICATION	DWELLING UNITS SERVED	RECOMMENDED LENGTH	ROAD RESERVE (RR)	CARRIAGE WAY (W)	KERB	A	B	C	D	S	E
5c	Access cul-de-sac	Closed system, exit at one end only, link class 5e roads to each other and other class 5 roads.	Up to 60	150m	10,000	4,500	300	2,750	1,200	750	1,000	1,300	450
5d	Access way			50m									
5e	Access court	Place rather than a route, use with class 5d roads.	Up to 30	25m	8,000	4,500	300	1,750	200	750	0	300	450
5f	Access strip	Access strip to a few dwelling units.	Up to 5 (Erf < 400m² otherwise private panhandle) Up to 3 (Erf < 400m² otherwise private panhandle)	Depth of 2 erven Depth of 1 erven									

NOTE:
ALL ERVEN MUST BE PROVIDED WITH AN UNDERGROUND STORMWATER CONNECTION, EXCEPT SPECIAL RESIDENTIAL ERVEN SMALLER THAN 1500 SQUARE METERS AND PARK ERVEN.

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

LEGEND

EC - ELECTRIC CABLE
 SW - STORMWATER PIPE
 FH - FIRE HYDRANT
 WP - WATER PIPE
 SP - SEWER PIPE
 T - TELECOMMUNICATION

NR.	DATE	APPROVED	DESCRIPTION	PAR.

DESIGNED P.A. ODENDAAL Pr.Eng.	DRAWN S. AUDIE
DESIGN CHECKED BY L.G. JOHANNES Pr. Eng.	INFRASTRUCTURE TECHNICAL INFORMATION MANAGEMENT D.J. CHALMERS

CITY OF TSHWANE
 ROADS AND TRANSPORT DEPARTMENT

GROUP HEAD: Mr. Lebokane P. (Phako) | ACTING DIVISIONAL HEAD: Mr. Lebepe M.T. (Thabo)

P.O. BOX 1409 PRETORIA 0001 | P.O. BOX 1409 PRETORIA 0001

DRAWING APPROVED BY ACTING EXECUTIVE DIRECTOR: Mr. Lebepe M.T. (Thabo)

LOCATION OF PROJECT:

TYPICAL STANDARD DETAILS

DESCRIPTION OF PROJECT:

SERVICES LAYOUT: 8,0m AND 10,0m ROAD RESERVES

CONTRACT No.:	PROJECT No.:
DATE: FEBRUARY 2017	SCALE: AS SHOWN
DRAWING NO. PLN001	SHEET NO. 2 OF 4

