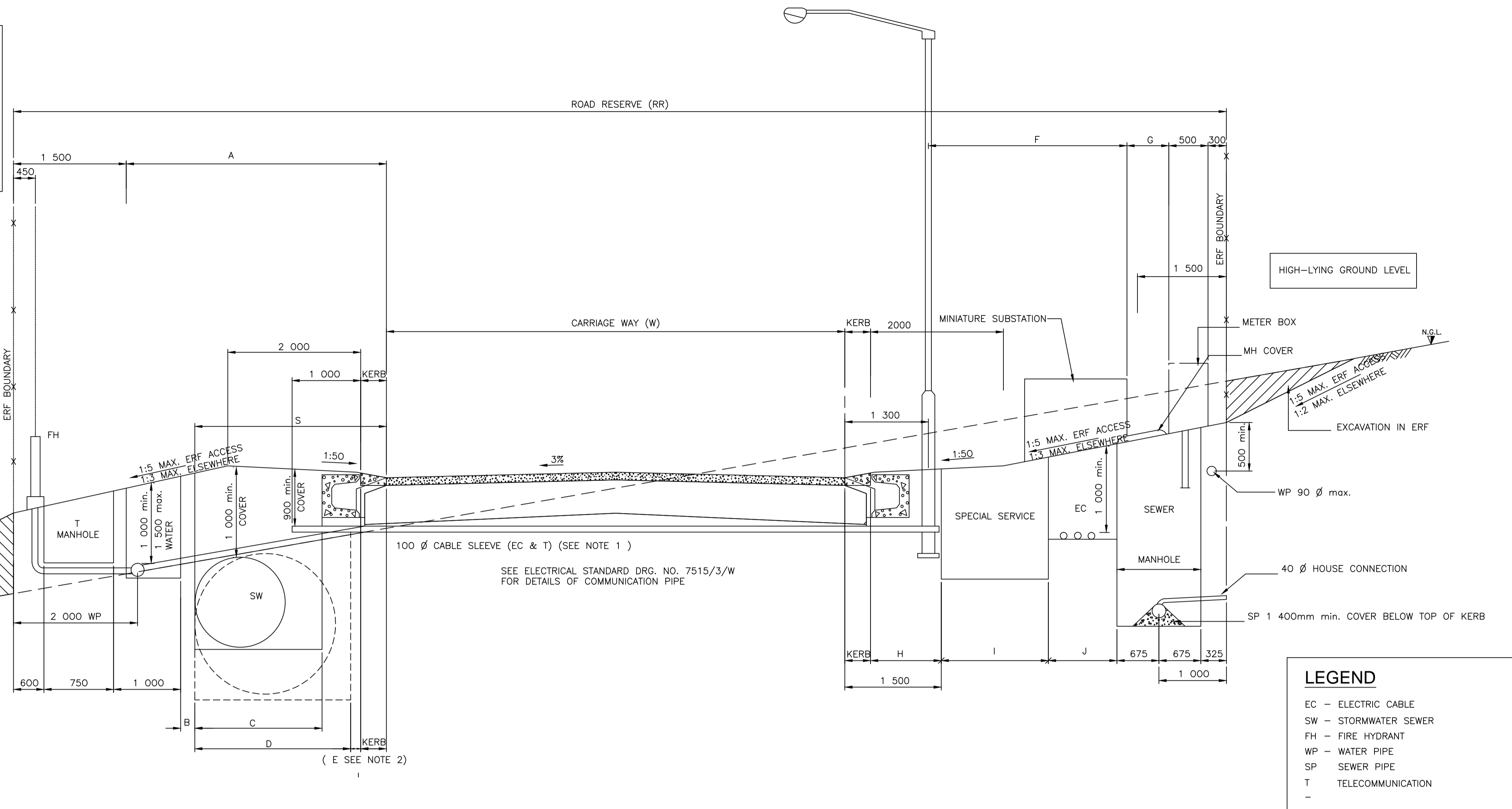


THIS DRAWING IS ONLY APPLICABLE TO THE INSTALLATION OR CONSTRUCTION OF SERVICES IN NEW ROAD RESERVES.

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



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

TABLE A

ROAD CLASS	DESCRIPTION	APPLICATION	DWELLING UNITS SERVED	RECOMMENDED LENGTH	ROAD RESERVE (RR)	CARRIAGE WAY (W)	KERB	A	B	C	D	E	S	F	G	H	I	J
4a	District distributor	Link class 3 and class 5 roads.	Not applicable	Not applicable	25,000	14,000	500	4,000	850	1,200	1,800	0	2,300	700	2,700	1,000	1,000	1,325
						10,500	500	5,750	0	600	1,200	3,200	4,900	700	4,450	1,000	2,750	1,325
4b	Local distributor Major bus route Local distributor Local bus route	Link class 3 and class 5 roads.	400 - 1500	Not applicable	20,000	10,500	500	3,250	100	1,200	1,800	0	2,300	700	1,950	1,000	450	1,125
						8,000	500	4,500	1,350	1,200	1,800	0	2,300	700	3,200	1,000	1,700	1,125
5a	Residential access collector	Link class 4 and other class 5 roads	< 200	< 500m	16,000	7,400	500	2,800	0	850	1,450	0	1,950	700	1,500	1,000	0	1,125
						6,800	500	3,100	0	1,150	1,750	0	2,250	700	1,800	1,000	100	1,325
						* 6,000	400	3,500	350	1,200	1,900	0	2,300	700	2,200	1,100	500	1,325
5b	Residential access loop	Link class 5c and lower classes to class 5a roads	< 120	300m - 500m	13,000	5,500	400	2,250	0	300	1,000	0	1,400	0	1,650	1,100	0	575
						5,000	300	2,500	0	550	1,350	0	1,650	0	1,900	1,200	0	825

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

NOTES AND SPECIFICATIONS

- ONLY T SLEEVES TO BE INSTALLED TO 1 000mm FROM ERF BOUNDARY.
- "E" SPACE ALLOCATED FOR FUTURE TRAFFIC LANE.
- 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.

LEGEND

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

AMENDMENTS				
NR.	DATE	APPROVED	DESCRIPTION	PAR.

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

CITY OF TSHWANE
ROADS AND TRANSPORT DEPARTMENT

GROUP HEAD
Mr. Letsohale P. (Phiso)

ACTING DIVISIONAL HEAD
Mr. Lebepe M.T. (Thabo)

P.O. BOX 1409
PRETORIA 0001

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PRETORIA 0001

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

LOCATION OF PROJECT:
TYPICAL STANDARD DETAILS

DESCRIPTION OF PROJECT:
**SERVICES LAYOUT:
13m - 25m ROAD RESERVES**

CONTRACT No.:	PROJECT No.:
DATE: FEBRUARY 2017	SCALE: AS SHOWN
DRAWING NO. PLN001	ORIGINAL PAPER SIZE: A1
SHEET NO. 1 OF 4	REVISION

