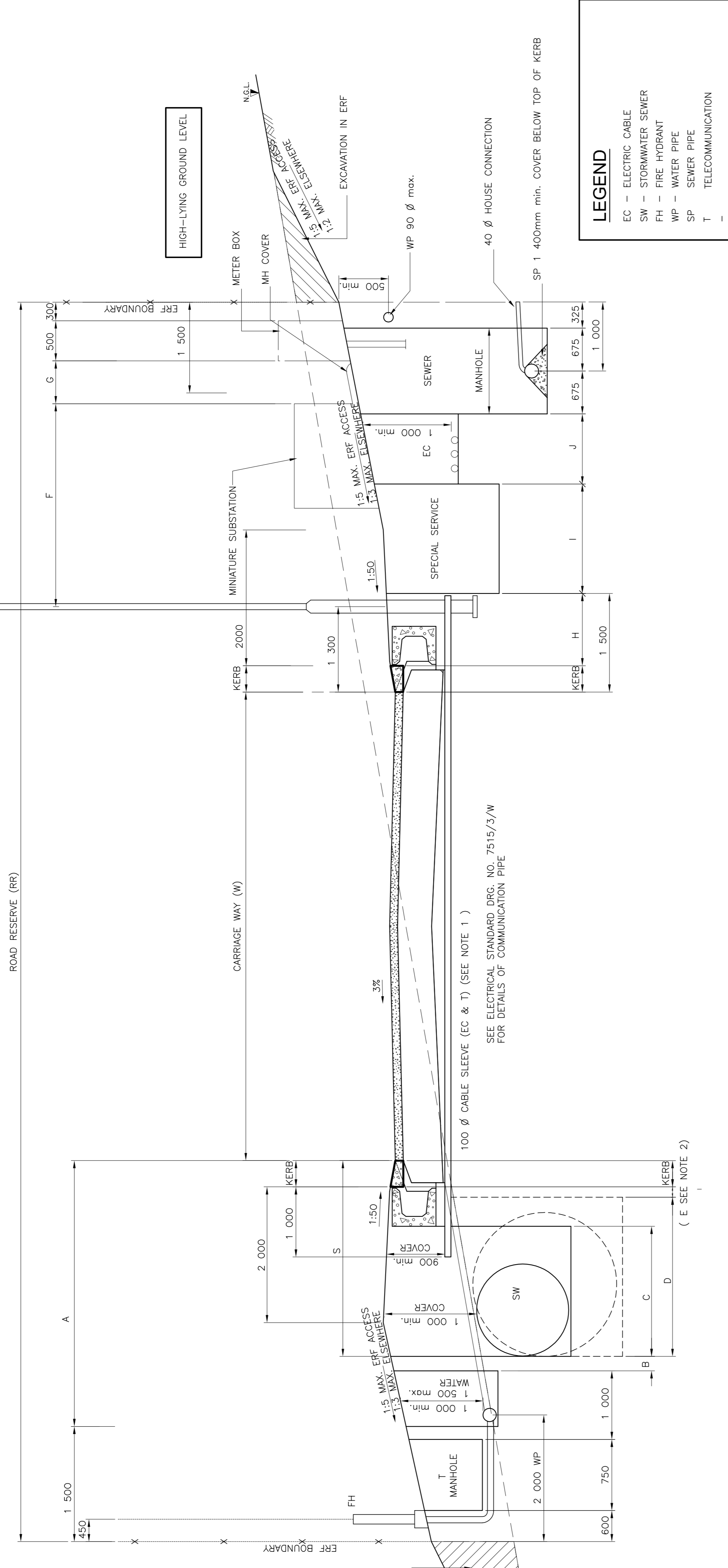


THIS DRAWING IS ONLY APPLICABLE TO THE INSTALLATION OR CONSTRUCTION OF SERVICES IN NEW ROAD RESERVES.

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)

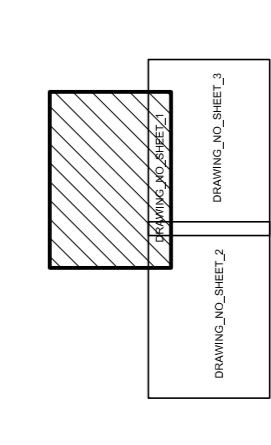
TABLE A

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
4b	Local distributor Major bus route		400 - 1500	Not applicable		7,400	500	7,300	450	1,200	1,800	0	2,300	700	2,700	1,000	1,000	1,325
5a	Residential access collector	Link class 4 and other class 5 roads	< 200	< 500m	16,000	8,000	500	4,500	1,350	1,200	1,800	0	2,300	700	3,200	1,000	1,700	1,125
5b	Residential access loop	Link class 5c and lower classes to class 5a roads	< 120	300m - 500m	13,000	7,400	500	4,800	1,650	1,200	1,800	0	2,300	700	3,500	1,000	2,000	1,125

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

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

- NOTES**
- ONLY T SLEEVES TO BE INSTALLED TO 1 000mm FROM ERF BOUNDARY.
 - 1" 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:
 - PANHANDLES
 - 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.



SHEET LAYOUT

PROJECT STATUS

PROJECT ENGINEER: []
 APPROVED: []
 CHECKED: []
 DRAWN: []

INSPECTOR OF WORKS: []
 DATE: []

REMARKS: []
 ORIGINAL PAPER SIZE: A1

DRAWING NO: **PLN001**
 SHEET NO: **1 OF 4**
 CONTRACT NO: []

TYPICAL STANDARD DETAILS

SERVICES LAYOUT:
 13m - 25m ROAD RESERVES

CITY OF TSHWANE
 PUBLIC WORKS & INFRASTRUCTURE DEVELOPMENT
 ACTING: V. KOBUME
 STRATEGIC EXECUTIVE DIRECTOR

ROADS AND STORMWATER
 MS. L. MCHUNU
 EXECUTIVE DIRECTOR

WATER AND SANITATION
 F. J. SHERRIFF
 EXECUTIVE DIRECTOR

AMENDMENTS

NO.	DATE	APPROVED	DESCRIPTION

CONSULTANTS DETAIL

NO.	DATE	APPROVED	DESCRIPTION