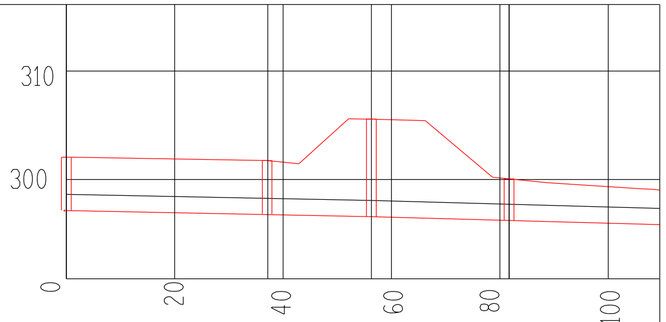
STORMWATER PIPE LINE
VERTICAL SCALE : 1:500
HORIZONTAL SCALE : 1:1000



NODE DATA						
	DISTANCE	0.00	37.17	56.29	81.69	109.49
	INVERT LEVEL	301.40	295.75	295.74	295.49	295.22
	MANHOLE	SWMH1	SWMH2	SWMH3	SWMH4	SWHW
	CHAINAGES	0.00	37.17	56.29	81.69	108.19
	COVER LEVEL	305.57	299.92	304.94	298.76	299.13
	DESCRIPTION	CH1	CH2	CH3	CH4	CH5
NODE OUTLET PIPE DATA	PIPE DIAMETER(m)	1,5	1,5	1,5	1,5	1,5
	LENGTH (m)	0	35	17.3	23.9	25.6
	GRADE (%)	1%	1%	1%	1%	1%
	PIPE CLASS	100D	100D	100D	100D	100D
	BEDDING CLASS	B	A	A(25Mpa RC)	B	
	VELOCITY	12m/s				
	RUNOFF US	15.5m3/s				
	CAPACITY US	17.5m3/s				

REV	DRAWN	CHKD	APPROVED	DATE	REVISION DESCRIPTION
00	SN	PM	PDC	29/02/24	FIRST ISSUE FOR TENDER PURPOSES ONLY

CHECKED: P MOABI 29/02/2024
DRAWN: S NSELE 06/02/2024
SCALE: NTS
AUTHORIZED: P D CHETTY 29/02/2024
Eskom Distribution

NEW GERMANY
CIVILS
TYPICAL STORMWATER DETAILS
1500mm INTERNAL DIA. CONCRETE PIPE FOR CONSTRUCTION: LONGITUDINAL SECTION

ER00789

SET	SHEET	REVISION
17	02	00

A2