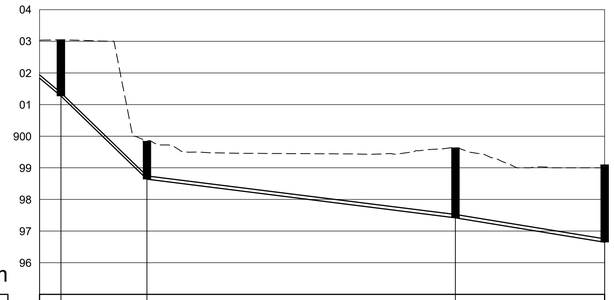
PIPE

NGL

SCALES:
Horizontal 1:1000
Vertical 1:100

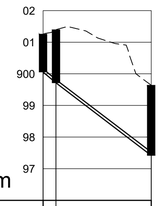
Datum : 895m



MANHOLE NAMES	S150 S151	S152	S153	MH27
DEPTH TO INVERTS	-1.204 -1.779	-1.204	-2.219	-2.450
INVERT LEVEL	901.833 901.268	898.639	897.420	896.650
GROUND LEVEL	903.037 903.047	899.843	899.639	899.100
CHAINAGE (m)	0.000 6.780	33.972	131.519	178.729
PIPE GRADES	6.780m 1: 12 8.333 %	27.192m 1: 10.343 9.668 %	97.547m 1: 80 1.250 %	47.210m 1: 61.339 1.630 %
PIPE DETAILS	110mm uPVC Class 34 Flexible pipe bedding			
HYDRAULICS DESIGN: Q (l/s)	0.02	0.02	0.02	0.30
HYDRAULICS DESIGN: V (m/s)	0.34	0.36	0.18	0.45
HYDRAULICS MAX.(0.8D): Q (l/s)	17.53	18.88	6.79	7.75
HYDRAULICS MAX.(0.8D): V (m/s)	2.41	2.59	0.93	1.06

S150 - MH27

896m



S153.2 S153.1		S153
-1.883 -1.204		-2.219
899.713 900.054		897.420
901.396 901.258		899.639
4.092 0.000		34.202
4.092m 1: 12 8.333 %	30.110m 1: 13.129 7.617 %	
110mm uPVC Class 34 Flexible pipe bedding		
0.28	0.28	
0.78	0.75	
17.53	16.76	
2.41	2.30	

S153.2 - S153

WEIGH BRIDGE LONG SECTION

ISSUED FOR TENDER

KKS CODES:

D.O.	REV	DATE	** REVISION ** / INDEX REFERENCE	REV BY	CHKD BY	AUTH BY	KKS APP	REFERENCE DRAWINGS
	1	13/11/2017	ISSUED FOR TENDER	PS	FDL	FDL		
	0	28/04/2017	ISSUED FOR INFORMATION	PS	CM	CM	0.84/50866/1	WEIGH BRIDGE & ACCESS GATE 4 GENERAL SEWER LAYOUT

DRG REGISTER			AUTHORISED FOR ESKOM BY / DATE
DESIGN APPROVED	31 01 2017	CM	FC VENTER 03/02/2017
KKS APP			
DD AUTH	31 01 2017	CM	
CHKD BY	31 01 2017	CM	
DRAWN BY	31 01 2017	PS	
SCALE	AS SHOWN		

2 Lynwood Galleries
354 Rosemary Road
Lynwood, Tshwane
Tel: (012) 361 3629
Fax: (012) 361 3525
Nyeleti Engineered to Excel

Eskom

MEDUPI POWER STATION
WEIGH BRIDGE & ACCESS GATE 4
SEWER LONG SECTION

14031 - AE - 301

0.84 / 50886

SHEET 2 REV 1

SIZE GROOTTE A1L