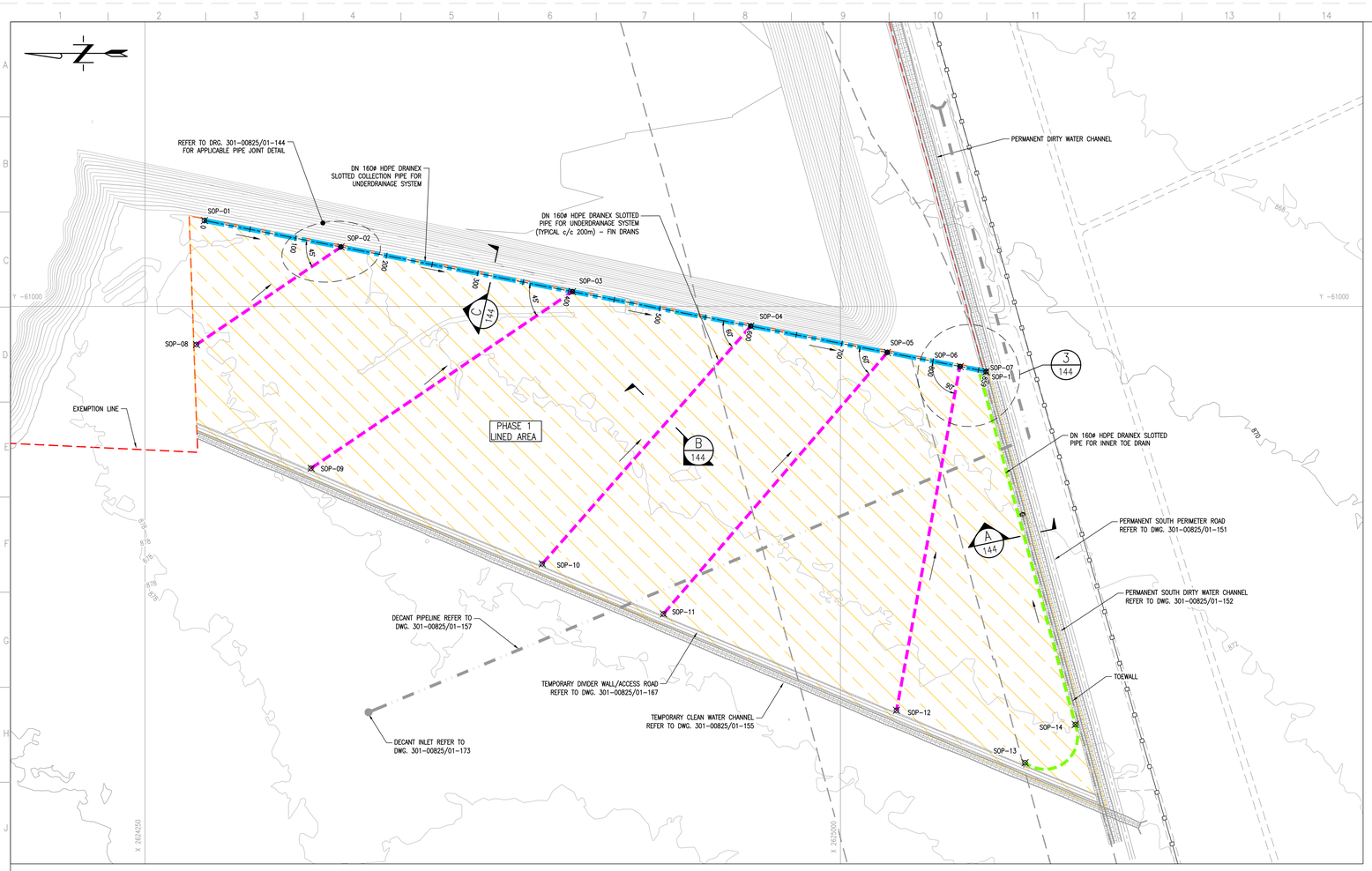
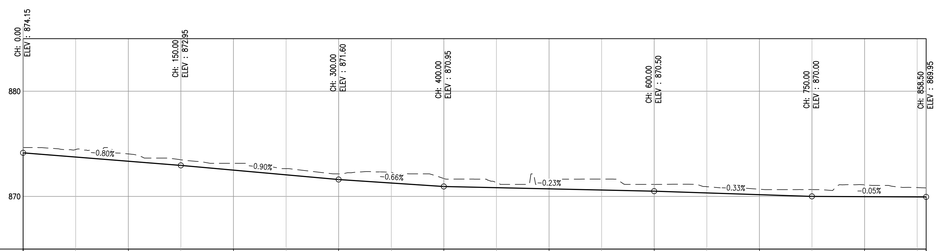


UNDERDRAINAGE LINER SYSTEM LAYOUT PLAN
SCALE 1:2000

UNDERDRAINAGE SETTING OUT DATA (Lo27 WGS84)

POINT	X	Y
SOP-01	2624314.247	-61092.617
SOP-02	2624461.525	-61064.171
SOP-03	2624711.077	-61015.971
SOP-04	2624903.360	-60978.833
SOP-05	2625050.638	-60950.387
SOP-06	2625129.186	-60935.216
SOP-07	2625157.169	-60929.811
SOP-08	2624305.654	-60958.876
SOP-09	2624429.243	-60825.463
SOP-10	2624678.518	-60722.369
SOP-11	2624809.183	-60668.329
SOP-12	2625060.482	-60564.398
SOP-13	2625199.184	-60507.901
SOP-14	2625253.250	-60549.110
SOP-15	2625157.121	-60929.566



SCALES:
Horizontal 1:2000
Vertical 1:200

DATUM 865.00

CHAINAGE (m)	0.00	50.00	100.00	150.00	200.00	250.00	300.00	350.00	400.00	450.00	500.00	550.00	600.00	650.00	700.00	750.00	800.00	850.00 858.50
BASIN LEVELS (m)	874.66	874.46	874.05	873.49	873.15	872.65	872.15	872.29	871.71	871.34	871.65	871.65	871.14	870.93	870.69	870.65	871.10	870.95 870.81
PIPE INVERT LEVELS (m)	874.15	873.75	873.35	872.95	872.50	872.05	871.60	871.28	870.95	870.84	870.72	870.61	870.50	870.33	870.17	870.00	869.98	869.95 869.95
CUT / FILL	-0.51	-0.71	-0.70	-0.54	-0.65	-0.59	-0.54	-1.01	-0.76	-0.50	-0.93	-1.04	-0.84	-0.60	-0.52	-0.65	-1.13	-0.98 -0.86

COLLECTION PIPE LONGITUDINAL SECTION
SCALE 1:2000

50 0 50 100 150
METRES 1:2000

FOR CONSTRUCTION

DISCLAIMER

This drawing, was prepared by Knight Piésold Consulting (Pty) Ltd based on the best information available at the time of preparation. During construction site conditions, or site conditions, or site development, may possibly dictate that amendments of adaptations be made to certain details on the drawing. Strict compliance with the project specifications is also essential. Knight Piésold Consulting (Pty) Ltd will therefore not accept liability for any losses, damages or consequential losses, suffered by any party resulting from the use or implementation of the contents of this drawing, if executed or amended without fulltime supervision by Knight Piésold Consulting (Pty) Ltd.

D.O.	REV	DATE	REVISION	REV BY	CHKD BY	APP BY	AUTH BY	KKS APP	REFERENCE DRAWINGS
	3	25.05.20	SETTING OUT POINTS AMENDED	MKM	TM	JRW			
	2	09.04.20	ISSUED FOR CONSTRUCTION	MKM	TM	JRW			

AUTHORISED FOR ESKOM BY:
CLASSIFICATION
PBS PATH
CODIFICATION BY:
APPROVED BY: JR WILLIAMSON
CHECKED BY: T MOKOMA
CREATED BY: MK MPHOLO
SCALE AS SHOWN

Knight Piésold CONSULTING
PR. ENG. 704312
Eskom
ESKOM HOLDINGS SOC Ltd
REG No 2002/015527/30

MATIMBA POWER STATION
MATIMBA ASH DUMP
PHASE 1 (4 YEARS LINED AREA)
UNDERDRAINAGE LINER SYSTEM
LAYOUT PLAN

301-00825/01-143 REV 3
0.58/61414 SHT 4 REV 3

DRAWING CLASSIFICATION: CONTROLLED DISCLOSURE
SIZE A0L