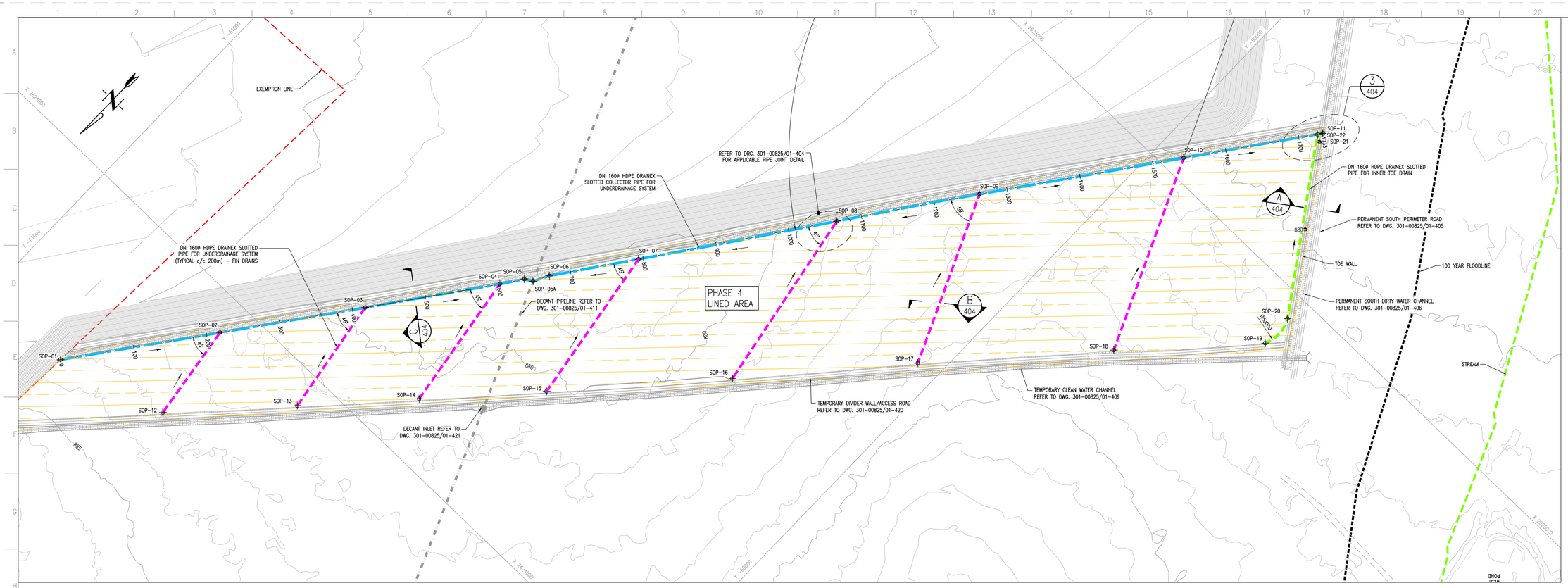
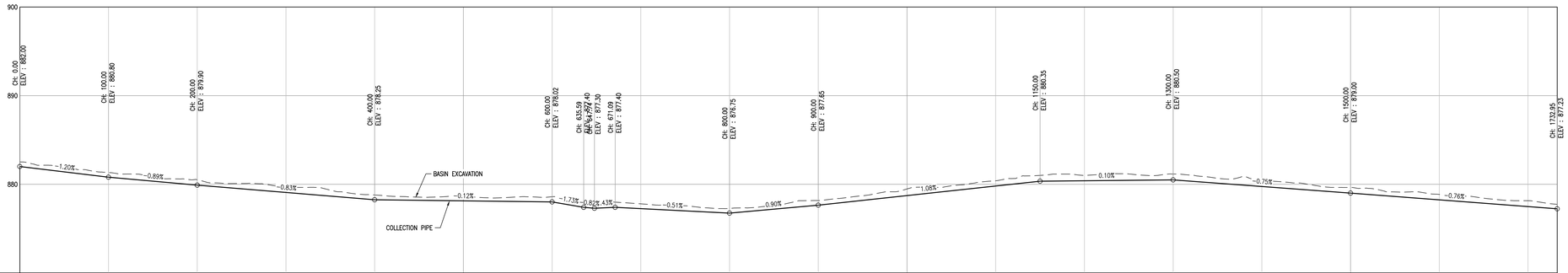


UNDERDRAINAGE LINER SYSTEM LAYOUT PLAN
SCALE 1:2000

UNDERDRAINAGE SETTING OUT DATA (Lo27 WGS84)

POINT	X	Y
SOP-01	2623778.407	-60867.885
SOP-02	2623954.086	-60738.081
SOP-03	2624114.485	-60620.242
SOP-04	2624263.437	-60511.242
SOP-05	2624291.050	-60492.181
SOP-05A	2624297.046	-60481.614
SOP-06	2624317.783	-60470.883
SOP-07	2624417.414	-60399.682
SOP-08	2624640.108	-60242.329
SOP-09	2624799.941	-60128.875
SOP-10	2625026.266	-59964.146
SOP-11	2625180.623	-59852.010
SOP-12	2623822.742	-60718.952
SOP-13	2623955.296	-60594.500
SOP-14	2624076.074	-60482.342
SOP-15	2624202.736	-60365.390
SOP-16	2624389.303	-60196.552
SOP-17	2624577.866	-60030.678
SOP-18	2624774.039	-59852.143
SOP-19	2624922.634	-59711.309
SOP-20	2624967.329	-59712.582
SOP-21	2625174.388	-59855.922
SOP-22	2625180.267	-59851.651



SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 870.00

CHAINAGE (m)	0.00	100.00	200.00	300.00	400.00	500.00	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00	1300.00	1400.00	1500.00	1600.00	1700.00	1732.95
BASIN LEVELS (m)	883.37	882.18	881.37	880.50	879.64	879.48	879.44	878.64	878.12	879.02	880.33	881.25	881.84	882.01	881.28	880.49	879.71	879.00	878.58
PIPE INVERT LEVELS (m)	882.00	880.80	879.90	879.08	878.25	878.13	878.02	877.25	876.75	877.65	878.73	879.81	880.40	880.50	879.75	879.00	878.24	877.48	877.23
CUT / FILL	-0.52	-0.53	-0.61	-0.57	-0.54	-0.50	-0.58	-0.54	-0.53	-0.52	-0.75	-0.59	-0.59	-0.66	-0.68	-0.64	-0.62	-0.67	-0.50

COLLECTION PIPE LONGITUDINAL SECTION
SCALE 1:2000

50 0 50 100 150
METRES 1:2000

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:
CODIFICATION BY:
APPROVED BY: JR WILLIAMSON
CHECKED BY: T MOKOMA
CREATED BY: MK MPHOLO
SCALE AS SHOWN

CLASSIFICATION
PBS PATH

Knight Piésold CONSULTING
PR. ENG. 704312

Eskom
ESKOM HOLDINGS SOC Ltd
REG No 2002/015527/30

MATIMBA POWER STATION
MATIMBA ASH DUMP
PHASE 4 (16 YEARS LINED AREA)
UNDERDRAINAGE LINER SYSTEM
LAYOUT PLAN

301-00825/01-403 REV 3

0.58/61417 SHT 4 REV 3

FOR CONSTRUCTION

DRAWING CLASSIFICATION: CONTROLLED DISCLOSURE