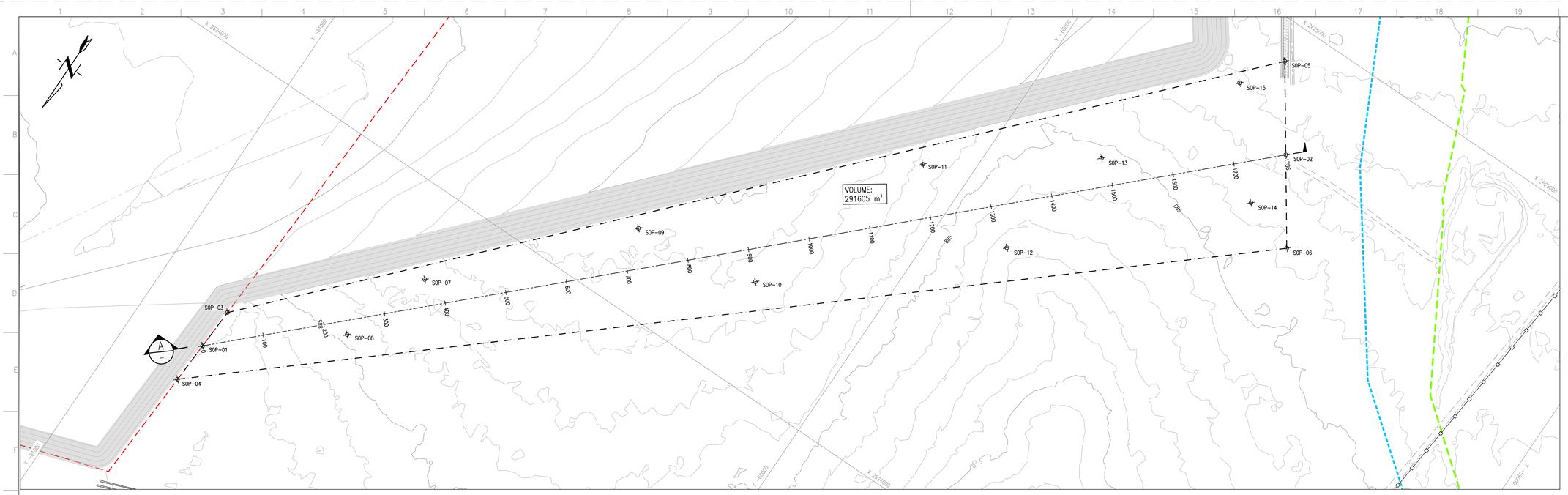
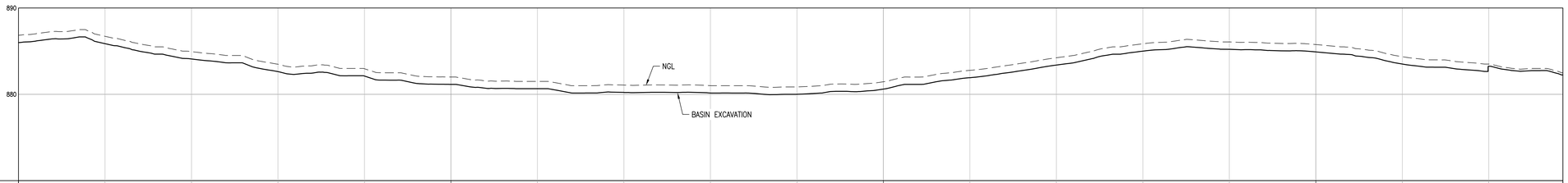


BASIN EXCAVATION LAYOUT PLAN
SCALE 1:2500

BASIN EXCAVATION SETTING OUT DATA (Lo27 WGS84)			
POINT	X	Y	Z
SOP-01	2623571.240	-60877.775	885.99
SOP-02	2624813.959	-59595.463	882.24
SOP-03	2623638.832	-60874.548	885.51
SOP-04	2623503.648	-60881.002	886.38
SOP-05	2624938.672	-59681.798	881.01
SOP-06	2624689.245	-59509.128	883.58
SOP-07	2623862.673	-60639.525	881.75
SOP-08	2623717.835	-60693.730	883.83
SOP-09	2624125.919	-60398.652	879.80
SOP-10	2624160.521	-60193.108	880.56
SOP-11	2624470.755	-60074.772	882.97
SOP-12	2624435.143	-59885.810	887.20
SOP-13	2624641.782	-59840.057	885.21
SOP-14	2624717.604	-59598.445	883.41
SOP-15	2624868.504	-59722.916	881.95



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	1785.69
EXISTING GROUND LEVELS (m)	886.94	886.72	884.95	883.48	882.97	882.00	881.50	881.07	881.00	880.86	881.45	882.77	884.24	885.85	886.07	885.76	884.36	883.50	882.49
DESIGN LEVELS (m)	885.99	885.87	884.10	882.63	882.12	881.15	880.65	880.22	880.15	880.01	880.60	881.92	883.39	885.00	885.22	884.91	883.51	883.25	882.24
CUT / FILL	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95	-0.25	-0.25

A – BASIN EXCAVATION SECTION
SCALE 1:2000

NOTES

1. REMOVE VEGETATION.
2. REMOVE STOCKPILE TOPSOIL TO RECOMMENDED DEPTH.
3. A GRID OF TEST HOLES DUG BY HAND SHOULD BE DONE TO VERIFY THE DEPTH OF TOPSOIL IS AT THE MINIMUM REQUIRED.
4. LEVEL RIDGES AND OUTCROPS.
5. TOPSOIL STRIPPING MUST STILL FOLLOW FOR GROUND TO BE FREE DRAINING.
6. STRIPPING TO TAPER OFF TO 250mm DEEP AT SOUTHERN EDGE.
7. LEVEL, RIP AND COMPACT IN-SITU MATERIAL 300mm – 500mm DEEP AND COMPACT TO 95% AASHTO.

50 0 50 100 150
METRES 1:2000

50 0 50 100 150
METRES 1:2500

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
	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 5 (20 YEARS LINED AREA)
BASIN EXCAVATION
LAYOUT PLAN AND SECTIONS

301-00825/01-502 REV 2
0.58/61418 SHT 3 REV 2

FOR CONSTRUCTION

DRAWING CLASSIFICATION: CONTROLLED DISCLOSURE
SIZE A0L