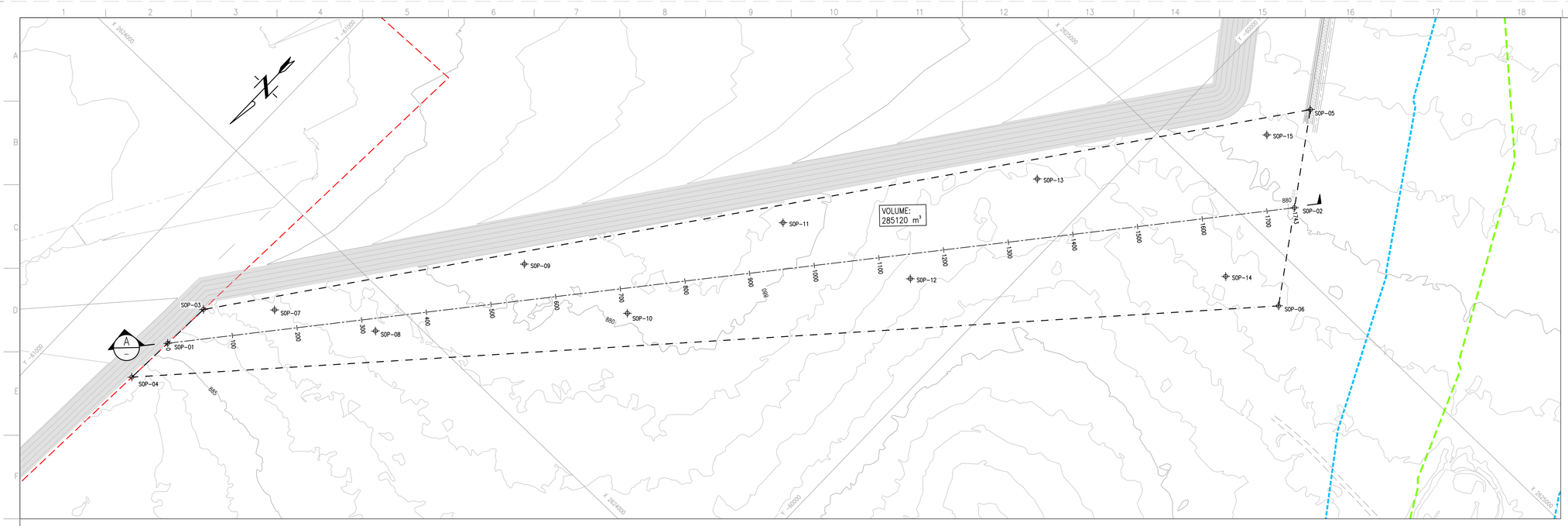
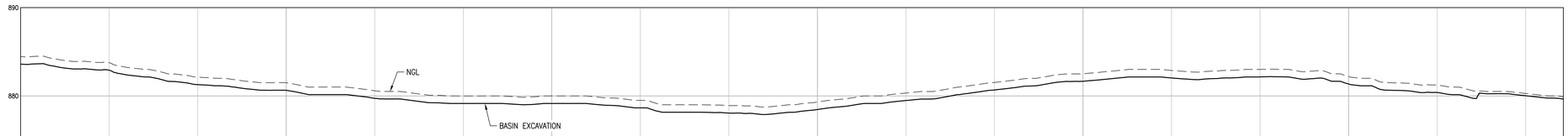


BASIN EXCAVATION LAYOUT PLAN
SCALE 1:2500

BASIN EXCAVATION SETTING OUT DATA (Lo27 WGS84)

POINT	X	Y	Z
SOP-01	2623714.374	-60870.942	883.61
SOP-02	2625064.083	-59768.616	879.64
SOP-03	2623789.917	-60867.336	882.27
SOP-04	2623638.832	-60874.548	885.51
SOP-05	2625189.494	-59855.433	878.25
SOP-06	2624938.672	-59681.798	881.01
SOP-07	2623865.082	-60788.192	881.44
SOP-08	2623949.193	-60654.168	880.47
SOP-09	2624181.761	-60560.581	878.64
SOP-10	2624237.047	-60394.321	878.92
SOP-11	2624502.894	-60318.518	878.99
SOP-12	2624576.612	-60117.980	882.24
SOP-13	2624821.999	-60083.850	882.25
SOP-14	2624914.931	-59771.585	881.31
SOP-15	2625115.177	-59876.730	879.11



SCALES:
Horizontal 1:2500
Vertical 1:250

DATUM 875.00

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	1742.65
EXISTING GROUND LEVELS (m)	884.46	883.77	882.13	881.49	880.58	880.00	880.00	879.50	878.91	879.31	880.33	881.53	882.51	882.89	883.01	882.20	881.24	880.28	879.89
DESIGN LEVELS (m)	883.61	882.92	881.28	880.64	879.73	879.15	879.15	878.65	878.06	878.46	879.48	880.68	881.66	882.04	882.16	881.35	880.39	880.03	879.64
CUT / FILL	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-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:
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 4 (16 YEARS LINED AREA)
BASIN EXCAVATION
LAYOUT PLAN AND SECTIONS

301-00825/01-402 REV 2
0.58/61417 SHT 3 REV 2

FOR CONSTRUCTION

DRAWING CLASSIFICATION: CONTROLLED DISCLOSURE