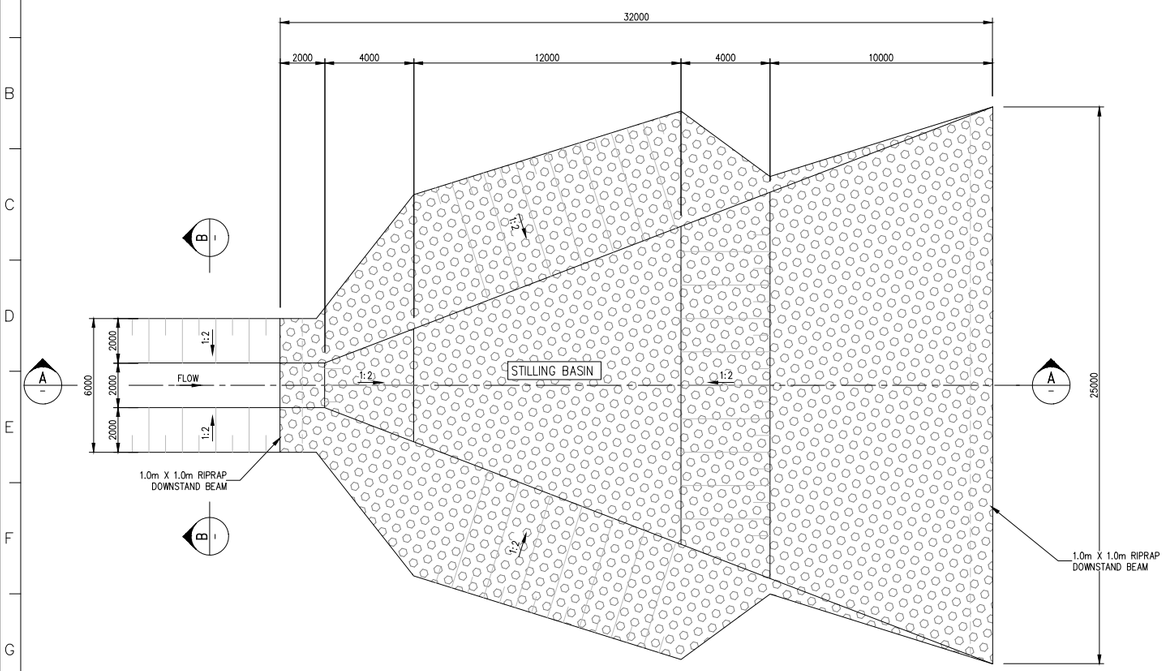
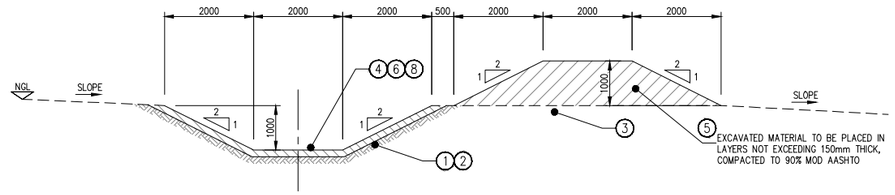
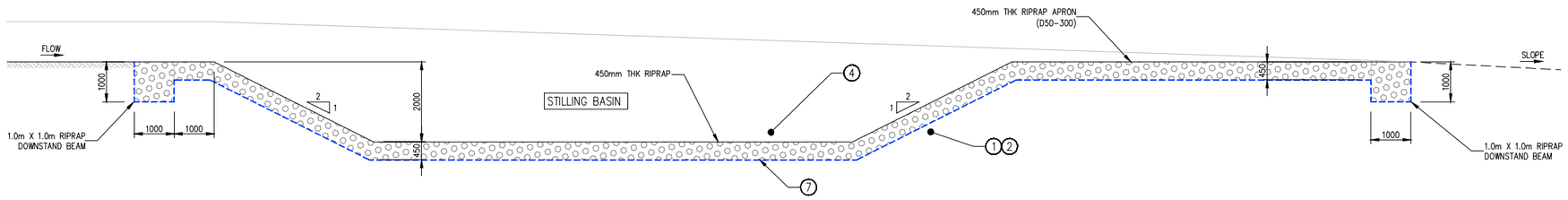


PLAN
1:100

LINER SPECIFICATION	
LAYER	DESCRIPTION
1	CLEAR & GRUB OVER FOOTPRINT OF CHANNEL, BERM AND STILLING BASIN / OUTLET STRUCTURE
2	REMOVE VEGETATION AND TOPSOIL TO A DEPTH OF 150mm, TO BE STOCKPILED IN A DESIGNATED AREA OR IN WIND ROWS ALONGSIDE CHANNEL
3	BASE PREPARATION FOOTPRINT OF BERMS: RIP AND RE-COMPACT IN SITU MATERIAL TO A DEPTH OF 300mm TO 95% MOD AASHTO AT MC -2% TO +2%
4	EXCAVATE CHANNEL PROFILE & RIPRAP APRON AND STILLING BASIN PROFILE
5	PLACE MATERIAL IN LAYERS NOT EXCEEDING 150mm THICK, COMPACTED TO 90% MOD AASHTO
6	PLACE 150mm TOPSOIL IN CHANNEL
7	1000g/m² SEPARATION GEOTEXTILE TO GRI- GT12 SPECIFICATION, ALL SEAMS TO BE STITCHED
8	SOIL SAVING BIO-DEGRADABLE FABRIC LAYER TO ENCOURAGE VEGETATION GROWTH



SECTION B
SCALE 1:50



SECTION A
SCALE 1:50

-	0.1	12.02.24	ISSUED FOR CONSTRUCTION	MM	BLJ	KPM			
-	0	27.11.2023	ISSUED FOR CONSTRUCTION	-	-	-			
-				-	-	-			
-	A	2023.10.10	ISSUED FOR INTERNAL REVIEW	MM	BLJ	KPM			
D.O.	REV	DATE	INDEX REFERENCE :	REV BY	CHKD BY	AUTH BY	KKS APP	REFERENCE DWG. No.	REFERENCE DRAWINGS

60YR ADF SCOPE LEGEND | KKS | PBS: 00UEQ01

NAME	LABEL	ASH DISPOSAL FACILITY

NOTES:
COORDINATE SYSTEM : LO29 WGS-84

Sign.....
K.P.MATULOVICH
Pr. Eng. 20190729
Date:.....25-02-2024.....

DRG REGISTERED		–	SUPERVISED FOR ESKOM BY	DATE
DESIGN APPROVED	19 02 23	KPM	–	–
KKS APP		–	SUPERVISED FOR ESKOM BY	DATE
AUTH BY		–	–	–
CHKD BY	19 02 23	KPM	ESKOM HOLDINGS LTD. REG. No. 2002/015627/06	
DRAWN BY	09 10 23	RS		
SCALE	1:50			

Eskom

KUSILE POWER STATION
ASH DISPOSAL FACILITY
TEMPORARY BY-PASS DRAINS
OUTLET STILLING BASIN LAYOUT

366-511924 | SHEET 1 | REV 0.1

SIZE GROOTTE A0L

OUTLET STRUCTURE

C:\Users\Molly.ENVITECHJHB\Envitech Solutions PTY-LTD\Communication site - Documents\Johannesburg\Projects\ES projects\816-2023 EPCM - Eskom 60yr ADF\3. Project Stage\Design Drawings\Rito30Nov\366-511924 Rev 0.dwg Feb 19, 2024 - 6:11pm