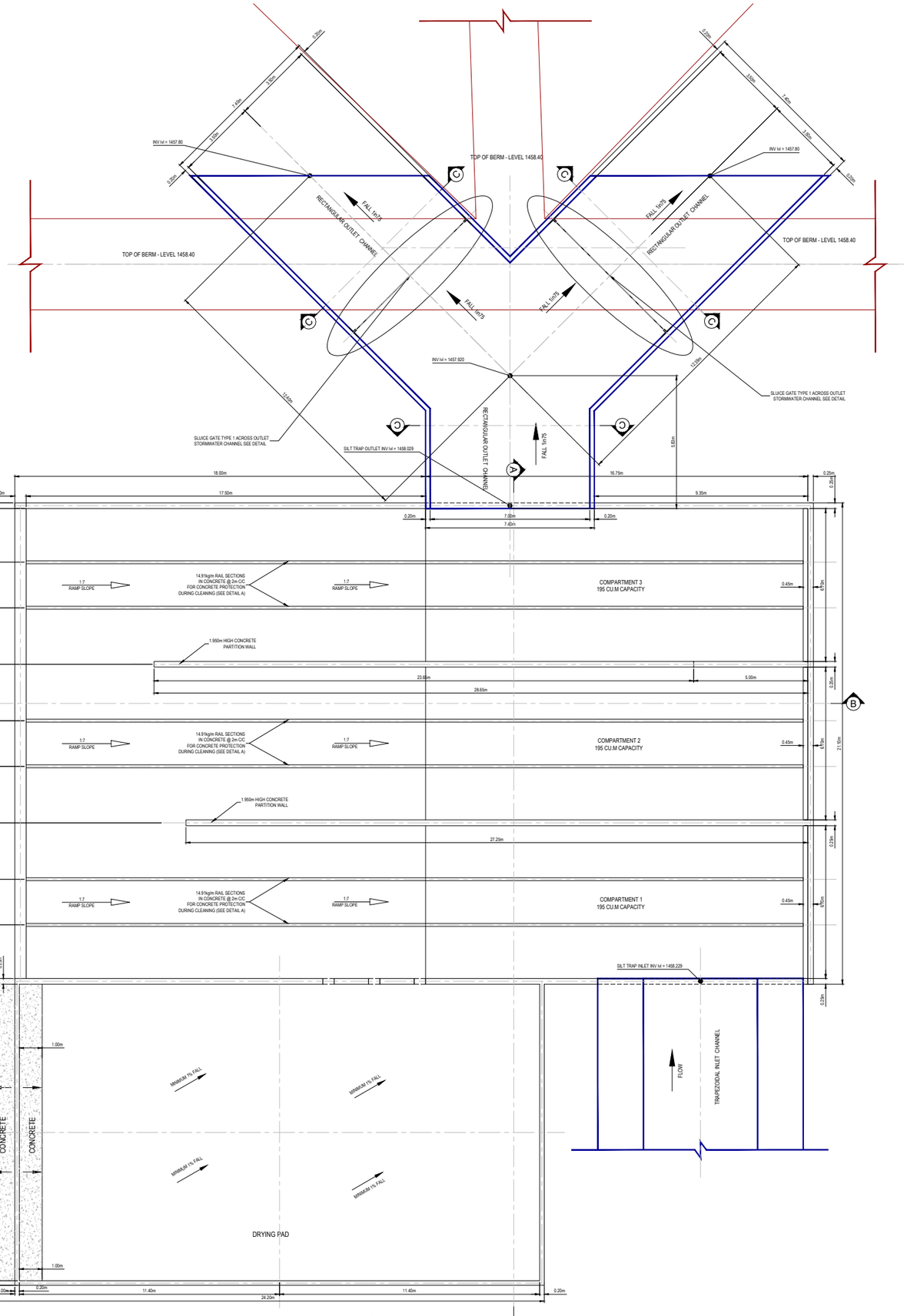
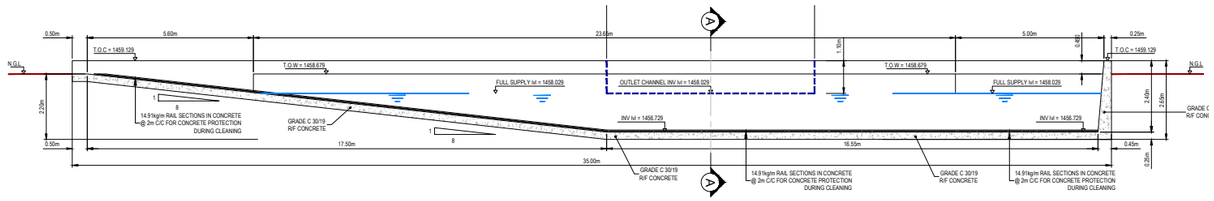
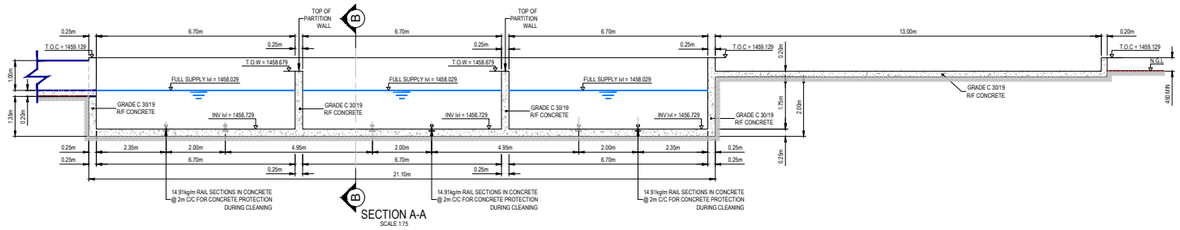


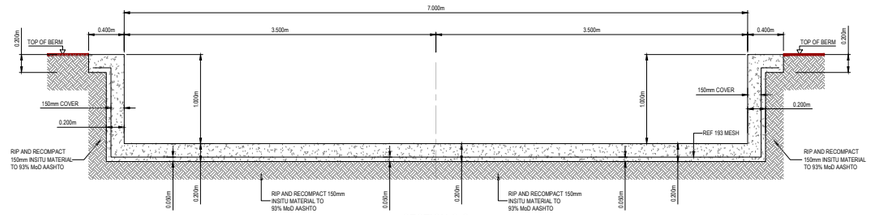
PCD 1A
SILT TRAP PLAN
SCALE 1:75



SECTION B-B
SCALE 1:75



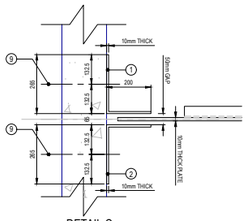
SECTION A-A
SCALE 1:75



SECTION C-C
STORMWATER CHANNEL FROM SILT TRAP TO DAM
(FROM 20MPa CONCRETE)
SCALE 1:25

NOTES:

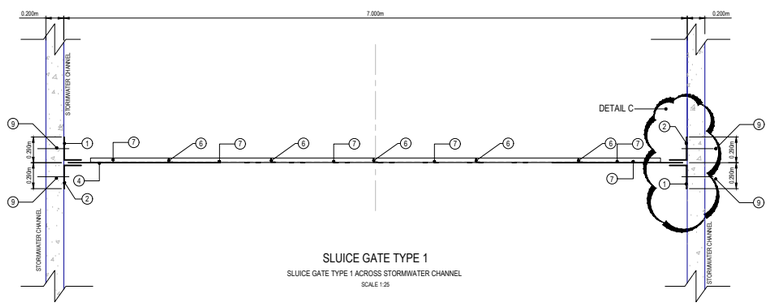
1. ALL CONCRETE CHANNELS AND OTHER DRAINAGE STRUCTURES TO BE CAST USING 20Mpa CONCRETE.
2. MINIMUM CONCRETE COVER TO MAIN REINFORCEMENT IS 150mm
3. CONCRETE DRAINS MUST BE CAST IN ALTERNATIVE LENGTHS OF 2.00m MAXIMUM, WITH EXPANSION JOINTS EVERY 2nd PANNEL.
4. ALL EXPOSED CORNERS MUST BE ROUNDED OFF TO A MINIMUM OF 10mm.



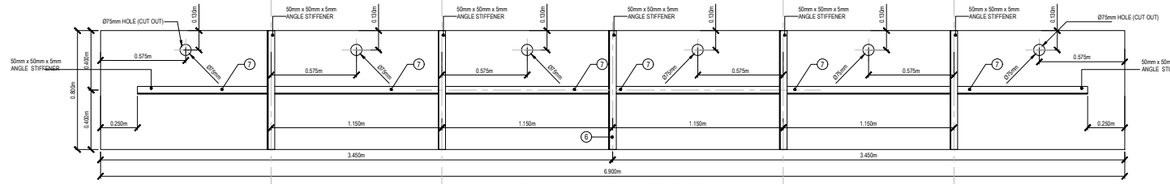
DETAIL C
SCALE 1:10

LEGEND / QUANTITIES SCHEDULE

SYMBOL	DESCRIPTION	NO. OFF
1	260mm x 170mm x 10mm x 800mm LONG ANGLE IRON (FABRICATED) WITH M16 BOLT HOLES 300mm c/c	4 OFF
2	265mm x 170mm x 10mm x 800mm LONG ANGLE IRON (FABRICATED) WITH M16 BOLT HOLES 300mm c/c	4 OFF
3	1900mm x 1200mm x 10mm HDPE PLATES (STIFFENED BY HDPE 50mm X 50mm x 5mm ANGLES)	1 OFF
4	50mm x 50mm x 5mm x 800mm LONG ANGLE STIFFENERS	6 OFF
5	50mm x 50mm x 5mm x 1100mm LONG ANGLE STIFFENERS	4 OFF
6	50mm x 50mm x 5mm x 875mm LONG ANGLE STIFFENERS	2 OFF
7	M16 RAWL BOLTS (16mm x 100mm)	24 OFF



SLUICE GATE TYPE 1
SLUICE GATE TYPE 1 ACROSS STORMWATER CHANNEL
SCALE 1:25



6900mm x 800mm x 10mm HDPE PLATE
SCALE 1:15

60YR ADF SCOPE LEGEND		KKS	PBS: 00UEQ01
NAME	LABEL	ASH DISPOSAL FACILITY	

NOTES:
COORDINATE SYSTEM : LO29 WCS-84

Sign: .....
K.P.MATULOVICH
Pr. Eng. 20190729
Date: 30-11-2023

D.O.	REV	DATE	INDEX REFERENCE :	REV BY	CHKD BY	AUTH BY	KKS APP	REFERENCE DWG. No.	REFERENCE DRAWINGS
	0	07/11/2023	ISSUED FOR CONSTRUCTION	KPM	BLJ	KPM			
	B	11/10/2023	ISSUED FOR CLIENT REVIEW	KPM	BLJ	KPM			
	A	26/10/2023	ISSUED FOR INTERNAL REVIEW	KPM	BLJ	KPM			

DRG REGISTERED			–	AUTHORISED FOR ESKOM BY:	DATE –
DESIGN APPROVED	27 11 23	KPM			
KKS APP			–	–	–
AUTH BY				ESKOM HOLDINGS LTD. REG. No. 2002/015527/06	
CHKD BY	09 10 23	BLJ			
DRAWN BY	09 10 23	NT			
SCALE	1:5000				

KUSILE POWER STATION
ASH DISPOSAL FACILITY
PCD-1A SILT TRAP
SETTING OUT AND DETAILS

Eskom

366-513498 | SHEET 1 | REV 0

SIZE GROOTTE A0L

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\Nat\366-513498 REV0.dwg Dec 06, 2023 - 8:48pm