1660
1650
DATUM 1640.00

GRADE		0.17%					0.09%		
CONTOUR BERM	1655.74	1655.82	1655.90	1655.99	1656.07	1656.15	1656.19	1656.21	
EXISTING GROUND	1654.24	1654.32	1654.41	1654.49	1654.57	1654.65	1654.70	1654.72	
CUT AND FILL DEPTH (m)	1.50	1.50	1.50	1.50	1.50	1.50	1.49	1.49	
CHAINAGE	0.00	50.00	100.00	150.00	200.00	250.00	300.00	315.46	

PHASE 2 TO 4 STANDBY ADF CREST BERM 1

SCALE 1:1,250 m

PHASE 2 TO 4 STANDBY ADF CREST BERM 1 WGS84 LO 29					
TAG NUMBER	START STATION END STATION	START EASTING START NORTHING	END EASTING END NORTHING	RADIUS (m)	LENGTH (m)
L16	0+000 0+239.81	41601.81 -2961859.68	41739.15 -2962056.27		239.81
L17	0+239.81 0+315.46	41739.15 -2962056.27	41772.47 -2962124.19		75.65

1660
1650
DATUM 1640.00

GRADE		0.39%				
CONTOUR BERM	1654.36	1654.56	1654.75	1654.94	1655.14	1655.18
EXISTING GROUND	1652.86	1653.06	1653.26	1653.45	1653.65	1653.70
CUT AND FILL DEPTH (m)	1.50	1.50	1.49	1.49	1.49	1.48
CHAINAGE	0.00	50.00	100.00	150.00	200.00	211.37

PHASE 2 TO 4 STANDBY ADF CREST BERM 2

SCALE 1:1,250 m

PHASE 2 TO 4 STANDBY ADF CREST BERM 2 WGS84 LO 29					
TAG NUMBER	START STATION END STATION	START EASTING START NORTHING	END EASTING END NORTHING	RADIUS (m)	LENGTH (m)
L18	0+000 0+211.37	41484.26 -2962962.18	41693.87 -2962989.46		211.37

PHASE 2 TO 4 STANDBY ADF PADDOCK CROSSWALL 1 WGS84 LO 29					
TAG NUMBER	START STATION END STATION	START EASTING START NORTHING	END EASTING END NORTHING	RADIUS (m)	LENGTH (m)
L19	0+000 1+001.56	41594.63 -2962976.55	41685.24 -2961979.09		1001.56

1660
1650
DATUM 1640.00

GRADE		0.10%																			
CONTOUR BERM	1655.18	1655.23	1655.28	1655.33	1655.39	1655.44	1655.49	1655.54	1655.59	1655.64	1655.69	1655.75	1655.80	1655.85	1655.90	1655.95	1656.00	1656.05	1656.10	1656.16	1656.21
EXISTING GROUND	1653.30	1653.36	1653.42	1653.48	1653.54	1653.60	1653.65	1653.71	1653.77	1653.83	1653.89	1653.95	1654.01	1654.07	1654.13	1654.19	1654.24	1654.30	1654.36	1654.42	1654.48
CUT AND FILL DEPTH (m)	1.88	1.87	1.86	1.86	1.85	1.84	1.83	1.83	1.82	1.81	1.80	1.80	1.79	1.78	1.77	1.77	1.76	1.75	1.74	1.73	1.73
CHAINAGE	0.00	50.00	100.00	150.00	200.00	250.00	300.00	350.00	400.00	450.00	500.00	550.00	600.00	650.00	700.00	750.00	800.00	850.00	900.00	950.00	1000.00

PHASE 2 TO 4 STANDBY ADF PADDOCK CROSSWALL 1

SCALE 1:1,250 m

PHASE 2 TO 4 STANDBY ADF PADDOCK CROSSWALL 2 WGS84 LO 29					
TAG NUMBER	START STATION END STATION	START EASTING START NORTHING	END EASTING END NORTHING	RADIUS (m)	LENGTH (m)
L21	0+000 0+868.84	41693.87 -2962989.46	41772.47 -2962124.19		868.84

1660
1650
DATUM 1640.00

GRADE		0.12%																			
CONTOUR BERM	1655.21	1655.26	1655.32	1655.38	1655.44	1655.50	1655.56	1655.61	1655.67	1655.73	1655.79	1655.85	1655.91	1655.96	1656.02	1656.08	1656.14	1656.20	1656.22		
EXISTING GROUND	1653.70	1653.76	1653.81	1653.87	1653.93	1653.99	1654.05	1654.11	1654.17	1654.23	1654.29	1654.34	1654.40	1654.46	1654.52	1654.58	1654.64	1654.70	1654.72		
CUT AND FILL DEPTH (m)	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50		
CHAINAGE	0.00	50.00	100.00	150.00	200.00	250.00	300.00	350.00	400.00	450.00	500.00	550.00	600.00	650.00	700.00	750.00	800.00	850.00	868.84		

PHASE 2 TO 4 STANDBY ADF PADDOCK CROSSWALL 2

SCALE 1:1,250 m

ISSUED FOR
INFORMATION

Franco Small
Pr.Eng. 20170153

Lo 29
SOUTH AFRICAN SURVEY GRID
WGS84 DATUM
FEBRUARY 2021

THIS DRAWING HAS BEEN CREATED ON A C.A.D. SYSTEM.
ANY AMENDMENT MUST BE EFFECTED ON THE SAME SYSTEM.

D.O. REV	DATE	INDEX REFERENCE:	REV BY	CHKD BY	AUTH BY	KKS APP	REFERENCE DWG. No.	REFERENCE DRAWINGS
A	21/06/10	ISSUED FOR INFORMATION	MPM	DL	FS			

DRG REGISTERED	18 05 07		CHIEF ENGINEER CIVIL DESIGN	DATE
DESIGN APPROVED	18 05 07	FS	EK	18/05/07
KKS APP	18 05 07		CHIEF ENGINEER CIVIL DESIGN	DATE
AUTH BY	18 05 07	FS	AK	18/05/07
CHKD BY	18 05 07	DL	ESKOM HOLDINGS LTD. REG. No. 2002/015527/06	
DRAWN BY	17 05 07	MPM		
SCALE	AS SHOWN			

TUTUKA ASH DUMP VOLUME INCREASE PROJECT
PHASE 2 DETAILED DESIGN - PHASE 2 TO 4 DEVELOPMENT
STANDBY CREST BERMS AND PADDOCK CROSSWALL
SETTING OUT INFORMATION AND SECTIONS

Eskom Enterprises

0,61 /96776 | SHEET 13 | REV A

SIZE A0L

B:\Eskom\Tutuka\99_PROJECTS\1791142-Tutuka_AshIncrease_Standerton\02_PRODUCTION\DRAWINGS\Phase 2 - Standby\25-30-2 ADF POST DEPOSITION WORKS BERM LAYOUT & SO INFO.dwg Sep 14, 2021 - 1:41pm