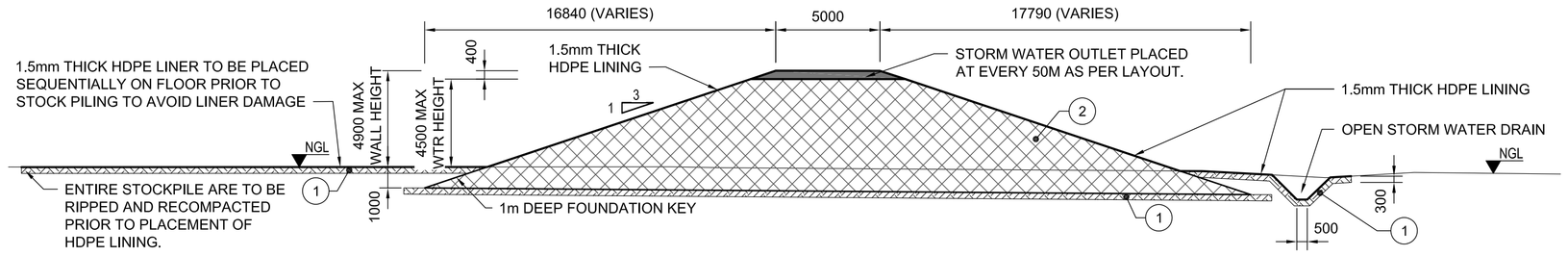
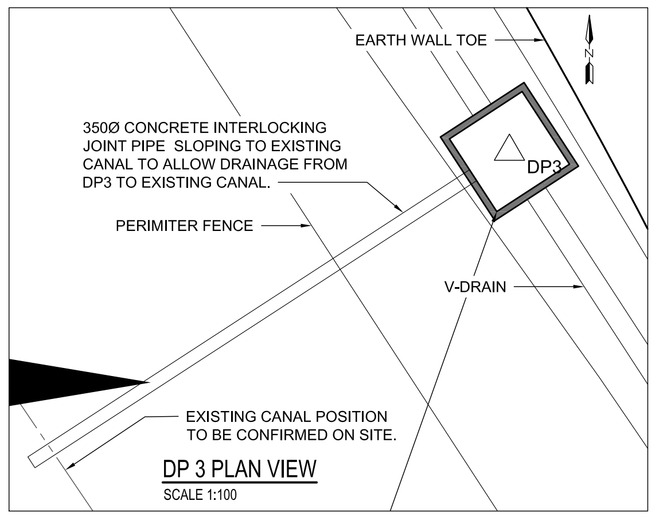
LAYER WORKS		
No.	LAYER DESCRIPTION	THICKNESS
1.	IN-SITU MATERIAL RIPPED AND COMPACTED TO 90% MOD AASHTO DENSITY AT -1% TO +2% OMC	300mm
2.	G7 MATERIAL COMPACTED IN LAYERS NOT EXCEEDING 300mm IN THICKNESS COMPACTED TO 95% MOD AASHTO DENSITY AT -1% TO +2% OMC	4.9m MAX

COORDINATE LIST			
WGS29			
EARTH WALL PHASE 2			
POINT	Y-COORD	X-COORD	ELEVATION
CONST:			
DP1	95848.985	2957242.101	1458.640
DP2	95987.018	2957183.427	1458.290
DP3	96160.757	2956916.571	1459.790



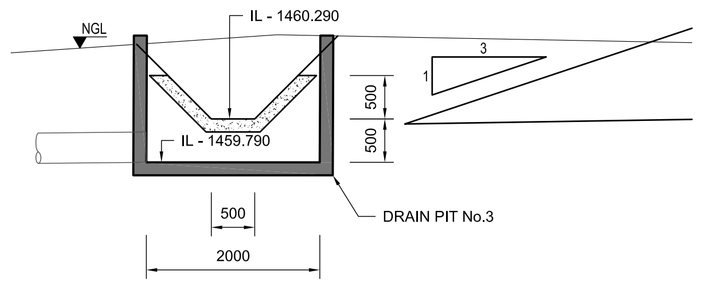
TYPICAL STOCK PILE EARTH WALL CROSS SECTION

SCALE 1:200



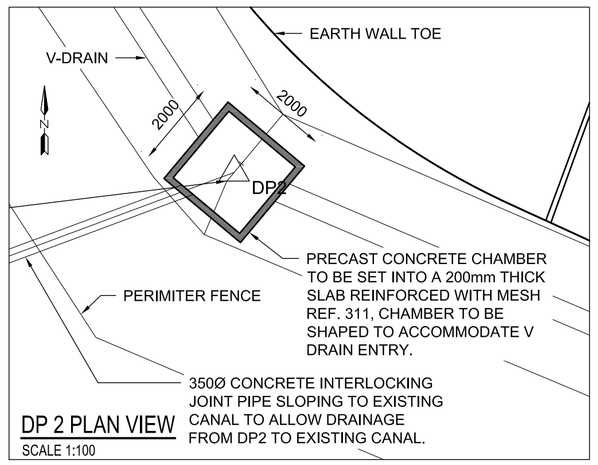
DP 3 PLAN VIEW

SCALE 1:100



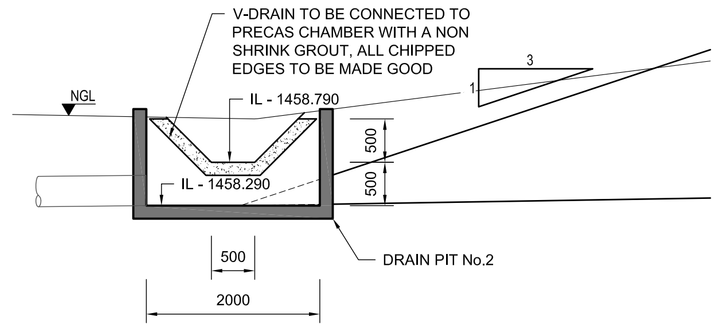
DP 3 CROSS SECTION

SCALE 1:50



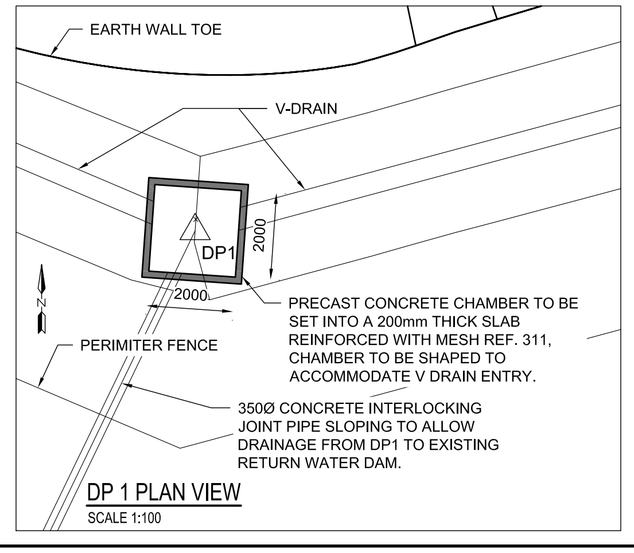
DP 2 PLAN VIEW

SCALE 1:100



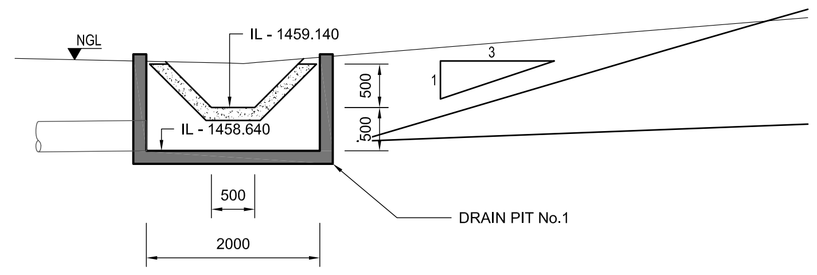
DP 2 CROSS SECTION

SCALE 1:50



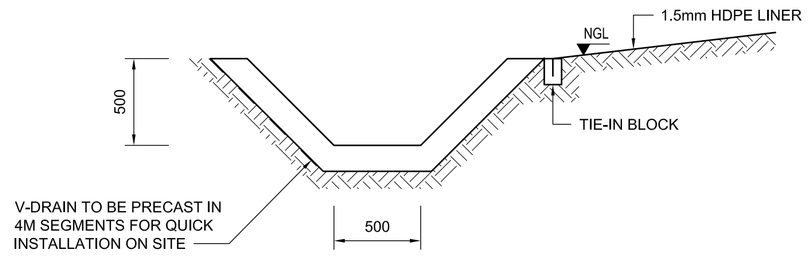
DP 1 PLAN VIEW

SCALE 1:100



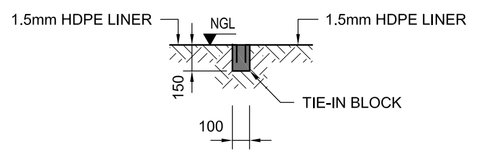
DP 1 CROSS SECTION

SCALE 1:50



V-DRAIN DETAIL

SCALE 1:25



TIE-IN BLOCK DETAIL

SCALE 1:25

NOTE:

TIE-IN BLOCKS TO BE USED WHEREVER NECESSARY TO HOLD LINER IN POSITION.

ALTERNATIVELY THE CONTRACTOR CAN USE HOLD DOWN ANCHORS SPECIFIED BY THE LINER SUPPLIER

DRG. No. RA 23900/009

REVISIONS				
No	DATE	CHECKED	APPROVED	DESCRIPTION

REFERENCE DRAWINGS	
NUMBER	TITLE
RA23900/001	LAYOUT OF EXISTING SITE
RA23900/002	PHASE 1 OF STOCKPILE EARTH WALL
RA23900/003	PHASE 2 OF STOCKPILE EARTH WALL AND DRAIN
RA23900/004	PHASE 3 OF STOCKPILE EARTH WALL
RA23900/005	STOCKPILE LAYOUT WITH SECTIONS
RA23900/006	CROSS SECTIONS SHEET 1
RA23900/007	CROSS SECTIONS SHEET 2
RA23900/008	CROSS SECTIONS SHEET 3
RA23900/009	SECTIONS AND DETAILS

ISSUED FOR TENDER

BOX 1127
JOHANNESBURG
2000
TEL: 682-0911

RAND WATER

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PROJECT No	P.04638	CHECKED	A. SALOOJEE	
NETWORK No	4059850		APPROVED	
CONTRACT No	RW10395627/21	LEAD ENG.	M. CHIBU	
DESIGNED BY	A. SALOOJEE	REG No	20150256	Pr Eng.
DRAWN BY	J. HATTINGH	DATE	09/2021	
DATE	09/2021	SECTION HEAD	C TUMBARE	

PANFONTEIN SLUDGE DISPOSAL

DRYING BEDS

ADDITIONAL DRYING BED CAPACITY

SECTIONS AND DETAILS

STATION	WKS	DOC. TYPE	S
P F T	2 0 U Z K	D A G	A

SCALE 1:200 | REVISION

A1 | RA 23900/009 | 0