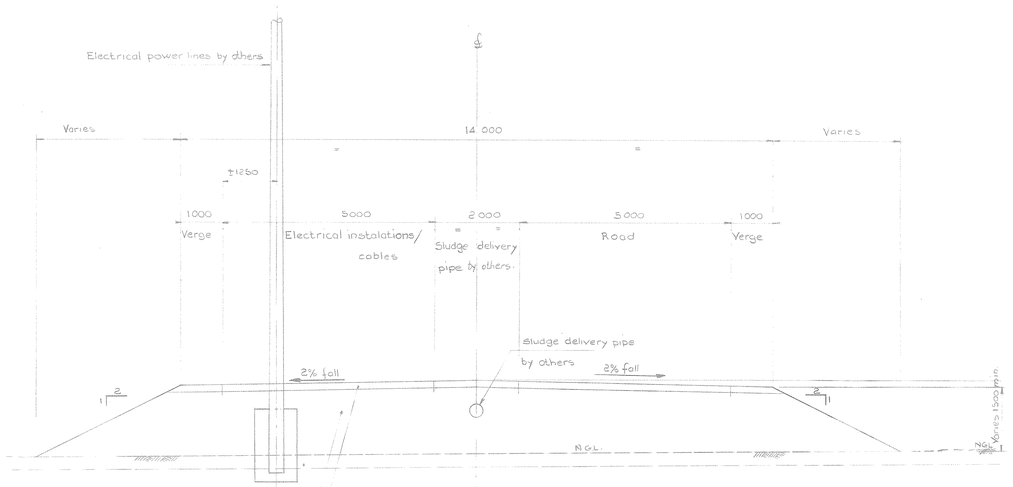


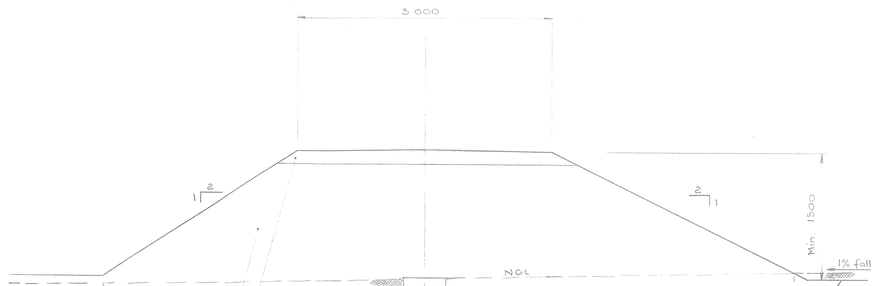
Top 150mm of embankment compact to 95% MOD AASHTO

Embankment constructed from selected material compact to 93% MOD AASHTO in 150 layers

Scarify in-situ material under embankment 300mm deep and compact to 90% MOD AASHTO

TYPICAL SERVICE ROAD SECTION

1:50



Top 150mm of embankment compact to 95% MOD AASHTO

For subsoil drain details see drwg. No 11809

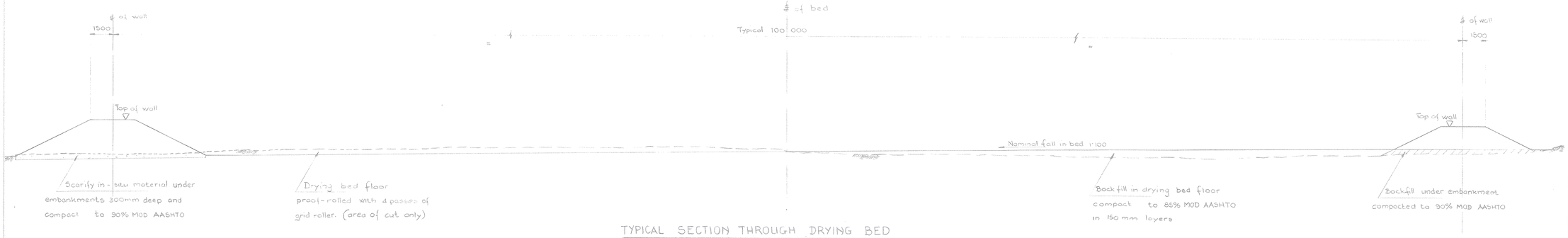
Floor of bed proof-rolled with 4 passes of grid roller

Embankment constructed from selected material compact to 93% MOD AASHTO in 150mm layers

Scarify in-situ material under embankment 300mm deep and compact to 90% MOD AASHTO.

TYPICAL WALL SECTION

1:25



Scarify in-situ material under embankments 300mm deep and compact to 90% MOD AASHTO

Drying bed floor proof-rolled with 4 passes of grid roller. (area of cut only)

Backfill in drying bed floor compact to 85% MOD AASHTO in 150 mm layers

Backfill under embankment compacted to 90% MOD AASHTO

TYPICAL SECTION THROUGH DRYING BED

1:100

DRG. No. 11807

NOTES

1) Embankment walls to be constructed to at least the dimensions shown. Where side slopes are overbuilt, these are to be trimmed back to a hard compacted surface.
2) The drying bed floor is to be shaped with a grader after proof rolling to achieve a uniform flat surface for efficient drainage.

REVISIONS

No	DATE	CHECKED	APPROVED	DESCRIPTION

REFERENCE DRAWINGS

NUMBER	TITLE
11816 - 11822	WALL LONGSECTIONS SHEETS 1 - 7
11815	SERVICE ROADS LONGSECTIONS
11811	FLOOR DETAILS BEDS 21 - 40
11810	FLOOR DETAILS BEDS 1 - 20
11808	STORMWATER OUTLET DETAILS
11809	DETAILS OF DRYING BED DRAINAGE
11806	LAYOUT OF STORMWATER DRAINAGE
11805	LAYOUT OF DRYING BEDS
11744	SITE PLAN

RAND WATER BOARD
BOX 1127
JOHANNESBURG
2000
TEL. 680-0911
A. S. SMIT
GENERAL MANAGER
ENGINEERING

JOB No.	50/482/4/33	CHECKED	91-06-10
CONTRACT No.	1728	SECTION HEAD	
SCHEME	SUNDRY WORKS	APPROVED	Chief C.Eng.: Pr. Eng.
DRAWN BY	L. Y. S.	CAPACITY	for C.E.W.
DATE	MARCH, 1991	DATE	91.06.12

PANFONTEIN

DRYING BEDS

WALLS AND DRYING BED DETAILS

STATION	WKS	DOC. TYPE	S.
PFT	0 0 1 6 5	DRG	A

SCALE

REVISION

DRG. No. 11807/1728

scaled 88-2123