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NEW BOUNDARY FENCE

OIL DAM

SECURITY FENCES

EDGE OF TERRACE

GRASS LINED AREA TO SPREAD WATER TO BE 100mm GEOCELLS FILLED WITH TOPSOIL AND PLANTED WITH KIKUYU SODS AND WATERED

CONC HEADWALL AND STILLING BASIN (3x3,6) AS PER DTL G.54/390 SHT 136

CONCRETE PIPES

NEW 765kV SUBSTATION

TOPSOIL

CUT-OFF DRAIN

STOCKPILE AREA FOR TOPSOIL

STOCKPILE AREA FOR SPOIL

CONTRACTORS YARDS

STORAGE YARD

NEW BOUNDARY FENCE

EXISTING BOUNDARY FENCE

EXISTING SUBSTATION

Subdivision 1

KLEINFONTEIN No. 389

NEW BOUNDARY FENCE

EXISTING BOUNDARY FENCE

Remainder of Subdivision 2

ZAMPLAATS No. 198

CONTROL BUILDING

EXISTING SECURITY FENCES

EXISTING ACCESS ROAD

EXISTING BOUNDARY FENCE

48
36
56
40
217,3 (REF)
100
33
16
15

EXISTING PROPERTY CO-ORDINATES SYSTEM WGS 84 Lo 27°		
POINT	Y	X
A	18 272.768	2 987 712.241
B	17 725.029	2 987 600.243
C	17 608.198	2 988 172.429
D	17 857.512	2 988 507.593
E	18 140.948	2 988 350.440

PROPOSED ADDITIONAL PROPERTY CO-ORDINATES SYSTEM WGS 84 Lo 27°		
POINT	Y	X
H	18 240.314	2 987 866.938
J	18 682.125	2 987 960.848
K	18 807.950	2 987 368.888
L	17 815.304	2 987 158.172

NOTES:

1. THE PROPERTY TO BE FENCED-OFF WITH A STANDARD BOUNDARY TYPE FENCE 1,2m HIGH CONSISTING OF 6 RUNS OF SINGLE H.T.STEEL STRAND GALV.WIRE BEFORE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES

2. CUT-OFF DRAINS AROUND THE PROPOSED CONSTRUCTION SITE TO BE INSTALLED TO MINIMISE THE RISK OF POLLUTION OF RUNOFF WATER ONTO AND OFF THE CONSTRUCTION SITE

3. THE DRAINAGE SYSTEM CONSIST OF A NETWORK OF SUBSOIL DRAINS CONNECTED TO CONCRETE PIPES WHICH ARE LINKED TO OUTLET STRUCTURES WITH A STILLING BASIN AND GRASSED SPREADER BOX BEFORE THE WATER RUN TO THE NATURAL WATER COURSES

4. THE FIRE PROTECTION SYSTEM CONSIST OF A PIPE NETWORK TO CONVEY OIL IN THE CASE OF A OIL SPILL TO THE OPEN OIL HOLDING DAM FROM WHERE THE OIL CAN BE RECOVERED WITHOUT THE RISK OF POLLUTION.

5. SIDES OF TERRACES COVERED WITH TOPSOIL TO BE GRASSED, OR AREAS USED FOR CONSTRUCTION SITES AND STORAGE/STOCKPILE TO BE REHABILITATED AFTERWARDS AND GRASSED - SEE DETAIL BELOW:

GRASSING:

1. GRASSING TO BE DONE WITH GRASS/GEL MIXTURE.
   SEED MIX : ERRAGROSTIS TEFF - 8kg/ha
   ERRAGROSTIS CURVULA - 8kg/ha
   CYNODON DACTYLON - 8kg/ha
2. GRASSED AREAS TO BE COVERED WITH TERRASAFE '500' NATURAL GEOTEXTILE, INSTALLATION AS PER SUPPLIERS SPECIFICATIONS
3. ALL GRASSED AREAS SHALL BE ADEQUATELY WATERED AT REGULARY AND FREQUENT INTERVALS TO ENSURE PROPER GERMINATION OF SEEDS AND GROWTH OF GRASS.

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