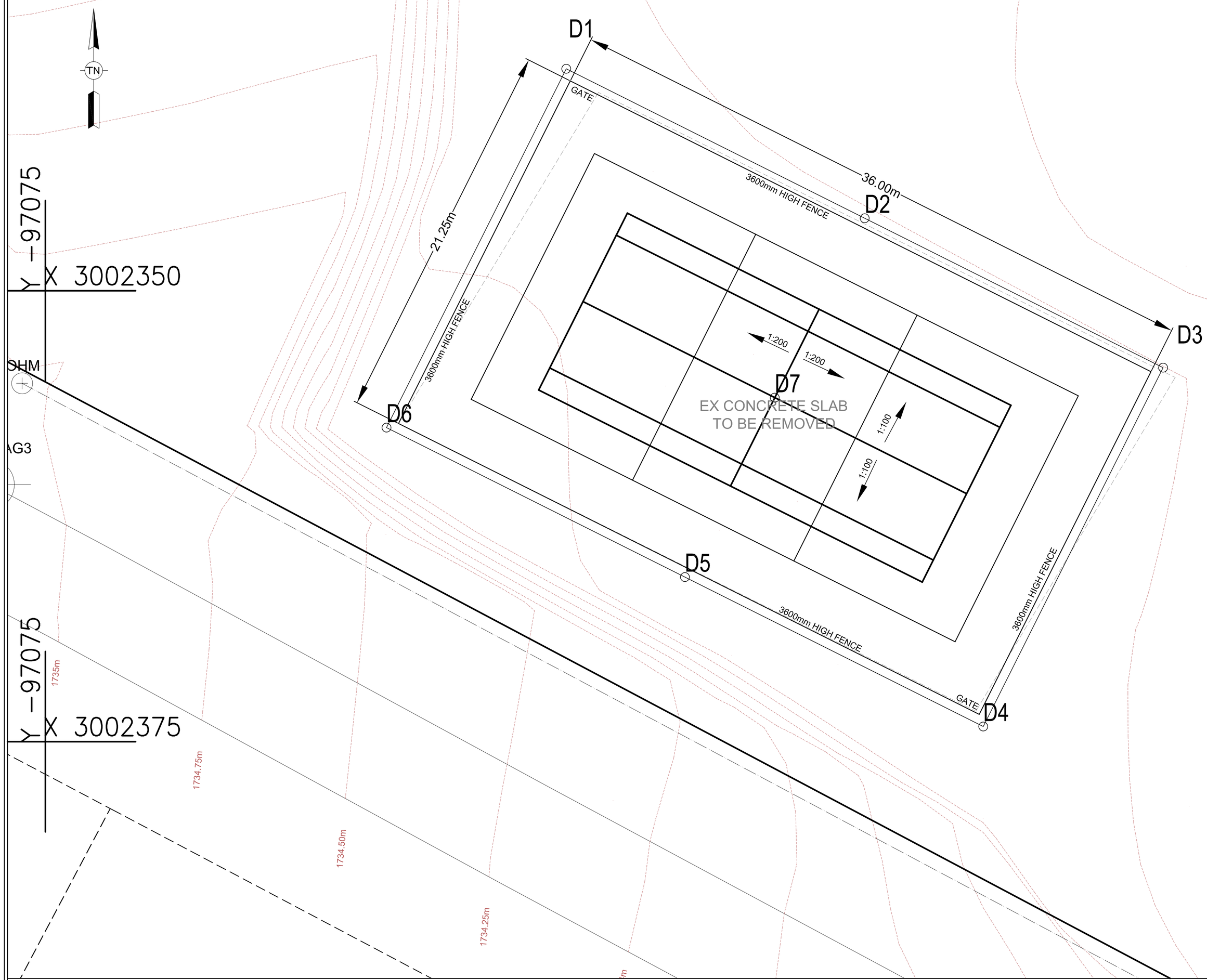

CONSTRUCTION NOTES:

1. ALL CONSTRUCTION, TESTING, TOLERANCES AND MATERIALS AS PER SANS 1200 SERIES OF SPECIFICATIONS

2. STRIP AN AVERAGE OF 100mm TOPSOIL AND STOCKPILE ON SITE. LOCATION OF STOCKPILE TO BE INDICATED BY PROJECT MANAGER. FOR PLATFORMS, INSPECT SITE AND DETERMINE AREAS WHERE MORE THAN 100mm TOPSOIL NEEDS TO BE REMOVED.

3. THE ENGINEER MUST BE NOTIFIED IF THE EMBANKMENT OR SUBGRADE IS IN ROCK

4. AN "AS-BUILT" SURVEY OF THE PLATFORM MUST BE PROVIDED BY THE CONTRACTOR AFTER COMPLETION OF THE WORKS

5. TRENCHES MUST BE EXCAVATED IN ORDER TO DRAIN STORMWATER FROM PLATFORMS

6. THE CONTRACTOR SHALL SUBMIT DENSITY TEST RESULTS AS PER SANS 1200 DM CLAUSE 7 – INCLUDING ONE DCP TEST PER 100 SQUARE METRES OF FILL.

7. BENCHMARKS AS INDICATED ON SURVEYORS DRAWING.

8. STOCKPILE SELECTED FILL MATERIAL FOR BACKFILL BEHIND RETAINING WALLS. QUANTITY AS PER QS. LOCATION OF STOCKPILE TO BE INDICATED BY PROJECT MANAGER.

9. REFER TO TYPICAL SECTIONS ON THIS DRAWING FOR DEPTH CATEGORIES OF EXCAVATION WRT TEMPORARY EMBANKMENTS. ALL PERMANENT EMBANKMENT SLOPES ARE TO BE CUT – 1:1.5 AND FILL – 1:2.

10. THE EXISTING GROUND LEVELS AS PER THE LAND SURVEYOR'S DWG. MUST BE CONFIRMED BY THE CONTRACTOR BEFORE CONSTRUCTION COMMENCES. ANY CONFLICT IN LEVELS MUST BE REPORTED IMMEDIATELY. NO CLAIM WILL BE ENTERTAINED IF THE CONTRACTOR HAS NOT NOTIFIED THE ENGINEER OF A CONFILCT IN LEVELS PRIOR TO CONSTRUCTION

11. CONTRACTOR TO CONFIRM POSITIONS OF BOUNDARY PEGS WITH LAND SURVEYOR BEFORE CONSTRUCTION COMMENCES

12. EXTENT OF EARTHWORKS IS RESTRICTED TO THE INSIDE OF THE ERF.

13. BULK EARTHWORKS LEVELS (B.E.L.) INDICATED ARE AS PER DETAILS ON THIS DRAWING.

14. PERMISSIBLE DEVIATION (PD) FOR TERRACES AND EMBANKMENTS AS PER SANS 1200 D & DM SECTION 6 :
a. 150mm ± POSITION OF TOP EDGE OF TERRACE
b. 50mm ± ALIGNMENT OF TOP EDGE OF TERRACE
c. FINISHED LEVELS +25mm & –25mm

15. THE LANDSCAPE ARCHITECT WILL POINT OUT WHICH TREES ARE TO BE REMOVED AND WHICH TREES ARE TO BE PROTECTED.

16. DIMENSIONS ARE NOT BE SCALED OFF DRAWINGS.

REV	DATE	DRAWN	CHECKED	DESCRIPTION
A	11/11/21	RS	MM	ISSUED FOR INFORMATION

CLIENT

Dr Pixley ka Isaka Seme Local Municipality
78 Adelaide Tambo Street,
Volksrust,
2470

ENGINEER

ETL Consulting (Pty) Ltd
The Oval Office Park
1 Meadowbrook Lane Epsom Downs,
Bryanston,
2152

PROJECT

DAGGAKRAAL WARD 11

DRAWING

CONSTRUCTION OF SPORTS FACILITIES: WARD 11: COMBI-COURT LAYOUT

ISSUED FOR INFORMATION

	SIGNATURE	DATE
DESIGNED	RS	11/11/21
DRAWN	RS	11/11/21
CHECKED		
APPROVED		
SCALE	AS SHOWN	

PROJECT No.	DISCPL	DRG. NUMBER	STAGE	SHEET SIZE	REVISION
E145	C	200	C	A1	A

CLIENT DRAWING No. | FILE NAME AND LOCATION

0 10 50 100

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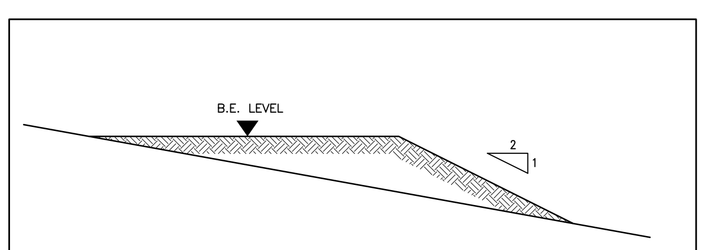
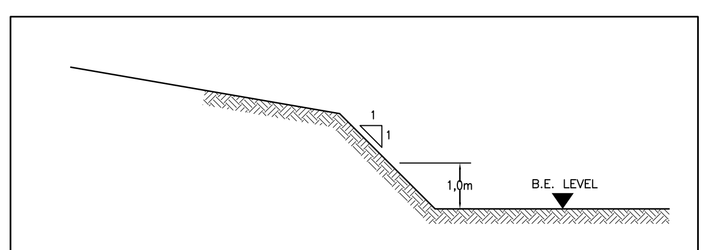
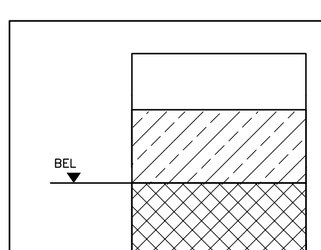


TYPICAL SECTION FOR PERMANENT EMBANKMENTS.



TYPICAL SECTION FOR DEPTH EXCEEDING 1.0m (TEMPORARY EMBANKMENTS)



75mm THICK CONCRETE SURFACE BED

150mm SUBGRADE MIN. G5 QUALITY MATERIAL IMPORTED COMPACTED TO 95% MOD AASHTO

RIP & RECOMPACT MIN G9 TO 90% MOD AASHTO

BULK EARTHWORKS DETAIL

BULK EARTHWORKS SETTING OUT DETAILS
BULK EARTHWORKS LEVELS SHOWN

Code	Y	X	Elevation
D1	-97104.544	3002337.467	1732.300
D2	-97121.084	3002345.754	1732.400
D3	-97137.624	3002354.041	1732.300
D4	-97127.657	3002373.934	1732.300
D5	-97111.117	3002365.647	1732.400
D6	-97094.577	3002357.360	1732.300
D7	-97116.101	3002355.701	1732.500