C:\USERS\VINOTHH\DESKTOP\BGM SCHOOL\14 FREE STATE\REVISIONS\ARCHIVAL SECONDARY_ SEP 29-10-2021 2021-10-29 12:47 PM VINOTH.NAIDOO\SMEC COLOUR.CTB

NEW 1,8m SECURITY FENCE WITH SPIKES ON TOP

3,5m BUILDING LINE

3,0m VEHICLE GATE

GATES

BACKUP WATER RESERVOIR (50kl) & PUMP HOUSE

1,8m PALISADE

EXISTING CONCRETE SLAB TO BE DEMOLISHED

VEGETABLE GARDENS

OPEN AREA FOR FUTURE EXPANSION
LANDSCAPING

EXISTING BUILDINGS TO BE DEMOLISHED

OUTSIDE LEARNING SPACE

BLOCK Q : CL4+STO4-W
FFL= 1389.59
EL:1389.50

BLOCK S : CL4+STO4-W
FFL= 1389.10
EL:1389.10

BLOCK U : TS-1+CL2+STO4-W
FFL=1388.7
EL:1388.75

BLOCK P : HOD+CL2+ABL-W
FFL=1389.96
EL:1389.70

BLOCK R : HOD+CL2+ABL-W
FFL=1389.83
EL:1389.40

BLOCK T : CL2+STO4-W
FFL=1389.23
EL:1389.04

COURTYARD 5
PAVING / LANDSCAPING

COURTYARD 6
PAVING / LANDSCAPING
MULTI-PURPOSE COURT

EXISTING COW TO BE REMOVED

DRINKING FOUNTAIN

SEATING STRUCTURE

STORMWATER FLOW DIRECTION

STEPPED TERRACE SEATING

TREES

EXISTING BUILDING TO BE DEMOLISHED

BLOCK L : CL4+STO4-W
FFL= 1389.68
EL:1389.68

BLOCK N : CL4+STO4-W
FFL= 1389.05
EL:1389.30

EXISTING GOAL TO BE REMOVED

WATER TANK

SHADED SPACE

BLOCK K : HOD+CL2+ABL-W
FFL=1389.92
EL:1389.92

BLOCK M : HOD+SCI-W
FFL=1389.59
EL:1389.60

BLOCK O : HOD+CL2+ABL-W
FFL=1389.00
EL:1389.17

COURTYARD 3
PAVING / LANDSCAPING

COURTYARD 4
PAVING / LANDSCAPING

NEW MEGA SECONDARY SCHOOL
ERF Nr. 8363, HEIDEDAL EXT. 17

COVERED WALKWAY

SPACE

BLOCK I : CL4+STO4-W
FFL=1390.01
EL:1390.01

BLOCK J : CL4+STO4-W
FFL=1389.54
EL:1389.54

EL:1390.14

EL:1389.54

EL:1390.01

EXISTING BUILDING TO BE DEMOLISHED

BLOCK E : HOD+CL4+STO4-W
FFL=1390.69
EL:1390.50

BLOCK F : MPC2-W
FFL=1389.84
EL:1389.84

BLOCK G : MED+COL2-W
FFL=1389.57
EL:1389.79

COURTYARD 1
PAVING / LANDSCAPING

COURTYARD 2
PAVING / LANDSCAPING

LARGE SCALE CHESS BOARD

EL:1390.50

EL:1390.26

EL:1390.02

EL:1389.84

EL:1389.67

EL:1390.06

COVERED WALKWAY

4 STAIRS

SECURITY FENCE WITH PEDESTRIAN GATES

1,8m SECURITY FENCE

OUTSIDE LEARNING SPACE

BLOCK B : ADM2- W
FFL=1390.25
EL:1390.70

ASSEMBLY PLAZA
PAVING / LANDSCAPING

EL:1389.96

BLOCK D : HALL
FFL=139
EL:1390.06

STAGE LEVEL=1391.11

EXISTING BUILDINGS AND FENCE TO BE DEMOLISHED

FUTURE MULTI-PURPOSE COURT

FUTURE MULTI-PURPOSE COURT

1,8m SECURITY FENCE AROUND LIGHT MAST

5,0m VEHICLE ENTRANCE/ EXIT GATE

NEW 1,8m SECURITY FENCE WITH SPIKES ON TOP

TEMPORARY 1,8m WIRE-FENCE DURING CONSTRUCTION

POSITION OF SOCCER FIELD ESTABLISHMENT.
TO BE DESIGNED AS BY CIVIL ENGINEERS

SITE FOR TEMPORARY SCHOOL STRUCTURES DURING CONSTRUCTION.
TO BE PROCURED AS SEPARATE PROJECT BY DBE.

POSITION OF SOCCER FIELD ESTABLISHMENT.
TO BE DESIGNED AS BY CIVIL ENGINEERS

-1.00%

PARKING / DRIVEWAY
PAVING

-0.75%

DROP-OFF

PEDESTRIAN ENTRY ROUTE

SIGN WALL

FFL=1390.07

EL:1390.07

BLOCK A : SEC-W

REFUSE

DROP-OFF / PICK-UP SLIPWAY LANE

6,0m VEHICLE ENTRANCE/ EXIT GATE

ELEVATIONS TABLE

NUMBER	MINIMUM ELEVATION	MAXIMUM ELEVATION	AREA (m2)	COLOR
1	-0.17	0.00	3976	
2	0.00	0.86	15525	

Cut/Fill Summary

Cut	Fill	Net
148.684 Cu. M.	4033.465 Cu. M.	3884.781 Cu. M.<Fill>

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CLIENT

REFERENCE DRAWINGS		No.	REVISIONS	DATE
DRG. No.	DESCRIPTION			
		1	REVISION DESCRIPTION	DATE

DRG SIZE	SCALE	DATE DRAWN
A1	1:500	2021/04/07
DESIGNED		CHECKED
V NAIDOO		S MARAIS
DRAWN		CHECKED
V NAIDOO		S MARAIS

PROJECT
FSDoE
BERGMAN SECONDARY

DRAWING DESCRIPTION
BULK EARTHWORKS LAYOUT
LAYOUT
SHEET 1 of 1

PROJECT NO	PHASE	DISCIPLINE	STAGE
B 0 0 3 3	A	C E	P

DOC TYPE	DRAWING NUMBER				REVISION
	TYPE	LEVEL	NUMBER	L/O	
DRG	B	E	1 0 0	A	A