



TABLE 1: SUMMARY OF HUMAN CAPITAL			
TABLE 1A: GRADE ENROLMENT FIGURES FOR 2020			
NUMBER OF PUPILS			
GRADE	BOYS	GIRLS	GRADE TOTAL
8	30	21	51
9	35	25	60
10	25	21	46
11	28	21	49
12	14	26	40
TOTAL	132	114	246
TABLE 1A: STAFF COMPLIMENT FOR 2020			
MALE	FEMALE	TOTAL	
N/A	N/A	N/A	

SITE INFORMATION	
Site Area	±8905 m ²
Existing buildings	1211 m ²
New Blocks	45 m ²
Coverage	± 14 %

TABLE 2: SUMMARY FOR SCOPE OF WORKS			
TABLE 2A: DEMOLITION WORKS			
No.	BUILDING USAGE	AREA (m ²)	
1	N/A	N/A	
TOTAL (m ²)		0	
TABLE 2B: RENOVATION / REFURBISHMENT WORKS			
No.	BUILDING USAGE	AREA (m ²)	
1	Male Student Abutions	17m ²	
2	Female Student Abutions	17m ²	
3	Staff Abutions	34m ²	
TOTAL (m ²)		78m ²	
TABLE 2C: NEW WORKS			SIZE
No.	BUILDING USAGE	AREA (m ²)	QUANTITIES
			TOTAL FOR ALL BLOCKS
1	Staff Toilets	N/A	0 (not created & assigned)
2	Grade R Toilets	N/A	0 (not teachers)
TOTAL (m ²)		N/A	
TABLE 2D: CLASSROOMS SUMMARY			TOTAL
CLASSROOMS			
Total number of Renovated / Refurbished classrooms			8
Total number of Newly provided classrooms			0
GRAND TOTAL OF CURRENTLY UTILIZED CLASSROOM BLOCKS FOR THIS SCHOOL			8

1. The implementing agent will give direction whether a pit will be sealed or unsealed depending on the outcome of the ground water protocol
2. The contractor will be responsible for excavation the pit, whatever the ground conditions, rather cost.
3. Contours on ground were extracted from Google Earth
4. The access to the site is via the road
5. Section A shows the arrangement for an un-sealed pit, for sealed pits the outside wall of the substructure must be solid with no open vertical joints.
6. Certain dividing walls must be constructed with fully mortared joints for the full depth.
7. The outer wall of the pit must have a minimum thickness of 200mm
8. The concrete must be cast in 100mm layers
9. The slabs will be designed and approved by the implementing agent.
10. The rain water harvesting tank will be equipped with a float valve and connected to the main water supply within the school yard, where it is available.
11. The tank must be made from reinforced concrete
12. Steps to ensure reliable water consumption, which must be able to close at a minimum 150kpa pressure.
13. Vent pipes are as follows:
 - a) Pipes to be secured to the walls outside the substation facilities
 - b) 3m 100mm vent pipe (black) +/ve fixed with 3 100mm band
 - c) 1.5m 100mm vent pipe (black) +/ve fixed with 3 100mm band
 - d) 1.5m 100mm vent pipe (black) +/ve fixed with 3 100mm band
 - e) To be complete with steel lid. Grade R. Char Bambi/drop lid
 - f) Pipes from sinks and urinals to soakaway pit (500mm pvc)
 - g) Pipes from toilets to fill tank
 - h) Pipes from tanks to tanks (15mm polypropylene) to save internal intensity

[illegible]

CLIENT



DEPARTMENT
of
EDUCATION
PROVINCE OF KWAZULU-NATAL

TECHNICAL CONSULTANT



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	NAME	SIGNATURE	DATE	SHEET SIZE A0
DESIGNED	NI		09/08/22	SCALE 1:11 1:20 1:25 1:50
DRAWN	NI		09/08/22	
VERIFIED	K.G		09/08/22	
VALIDATED				STATUS LEGEND I = Information T = Tender C = Construction AB = As Built

<p> FEDERAL BUREAU OF INVESTIGATION U.S. DEPARTMENT OF JUSTICE </p>	<p> IMPLEMENTING AGENT _____ _____ _____ </p>
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DBSA
Development Bank
of Southern Africa

PROJECT:	KZN DOE INFRASTRUCTURE DEVELOPMENT & MAINTENANCE PROGRAMME
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TITLE:	INCAPHAYI HIGH SCHOOL SITE DEVELOPMENT PLAN
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DESCRIPTION:	SITE DEVELOPMENT PLAN
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DRG No. : 2021/17-SP-001

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AERIAL PHOTOGRAPH

SCALE: N.T.S