



SITE INFORMATION	
Site Area	±17 907 m <sup>2</sup>
Existing buildings	2253m <sup>2</sup>
New Blocks	0 m <sup>2</sup>
Coverage	± 13 %

ANNEXURE A2: SCHEDULE				
TABLE 2A: DEMOLITION WORKS				
No.	BUILDING USAGE	AREA (m <sup>2</sup> )		
1	VIP TOILETS	57.8m <sup>2</sup>		
TOTAL (m <sup>2</sup> )		57.8m <sup>2</sup>		
TABLE 2B: RENOVATION / REFURBISHMENT WORKS				
No.	BUILDING USAGE	AREA (m <sup>2</sup> )		
1	Male Student Ablutions	0		
2	Female Student Ablutions	0		
3	Staff Ablutions	25m <sup>2</sup>		
TOTAL (m <sup>2</sup> )		25m <sup>2</sup>		
TABLE 2C: NEW WORKS				
No.	BUILDING USAGE	AREA (m <sup>2</sup> )	QUANTITIES	TOTAL FOR ALL BLOCKS
1	Girls Toilets	50m <sup>2</sup>	6	600 sqm (600 seats)
2	Boys Toilets	31m <sup>2</sup>	6	600 sqm (600 seats & showers)
TOTAL (m <sup>2</sup> )		81m <sup>2</sup>		
TABLE 2D: CLASSROOMS SUMMARY				TOTAL
CLASSROOMS				
Total number of Renovated / Refurbished classrooms				10
Total number of Newly provided classrooms				0
GRAND TOTAL OF CURRENTLY UTILIZED CLASSROOM BLOCKS FOR THIS SCHOOL				10



**AERIAL PHOTOGRAPH**  
SCALE: N.T.S

# TOILET CALCULATOR

### GENERAL NOTE

- The implementing agent will give direction whether a pit will be sealed or unsealed depending on the outcome of the ground water protocol.
- All work is the responsibility of the contractor, pit whatever the ground conditions, higher cost.
- Contours down ground were extracted from Google Earth.
- Blocks to be used for sealing are shown in the plan view of the Section A-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.
- Sealing of existing walls must be constructed with fully mortared joints for the full depth.
- The outer wall of the pit must have a minimum thickness of 200mm minimum. It must be of concrete of minimum 20MPa.
- The slabs will be designed and approved by the implementing agent.
- The rain water harvesting tank must be equipped with a float valve and connected to the rain water supply to the tank, the tank must be available.
- Taps in all wash hand basins must be chrome plated.
- Closets to ensure reliable water conservation, which must be able to close at minimum 15kpa pressure.
- Vegetation as follows:
  - Plants to be secured to the walls outside the ablution facilities
  - 3m 10mm vent pipe (capped) - fixed with 3 x 10mm hold down bolts
  - 10mm green pipe used to connect the 10mm vent pipe to the 10mm hold down bolts to be complete with steel tie. Grade R Class B (improved) (kiddle pan)
  - Pipes from sinks & urinals outlets to soakaway pit (50mm pvc)
  - From sinks to fill to fill (50mm pvc)
  - Pipe from tanks to fill (15mm polypropylene) tie to be done internally

NO.	DATE	REVISION	DRAWN
00	09/09/2022	FOR INFORMATION	NI

CLIENT



DEPARTMENT  
of  
EDUCATION  
PROVINCE OF KWAZULU-NATAL

TECHNICAL CONSULTANT



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	NAME	SIGNATURE	DATE	SHEET SIZE			
DESIGNED	N.I		05/09/22	A0			
DRAWN	N.I		05/09/22	SCALE			
VERIFIED	K.G		05/09/22	1:10	1:20	1:25	1:50
VALIDATED				STATUS LEGEND			
				I = Information			
				T = Tender			
				C = General			

IMPLEMENTING AGENT



PROJECT:	KZN DOE INFRASTRUCTURE DEVELOPMENT & MAINTENANCE PROGRAMME
TITLE:	MACEKANE PRIMARY SCHOOL SITE DEVELOPMENT PLAN

DESCRIPTION: SITE DEVELOPMENT PLAN

DRG No. : 2021/01-SP-001

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