

# SITE DEVELOPMENT PLAN

1 : 500

QUEENSTOWN  
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**PROVINCE OF THE EASTERN CAPE ROADS & PUBLIC WORKS**

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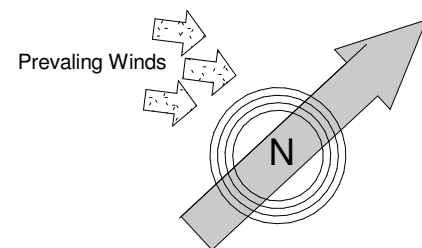
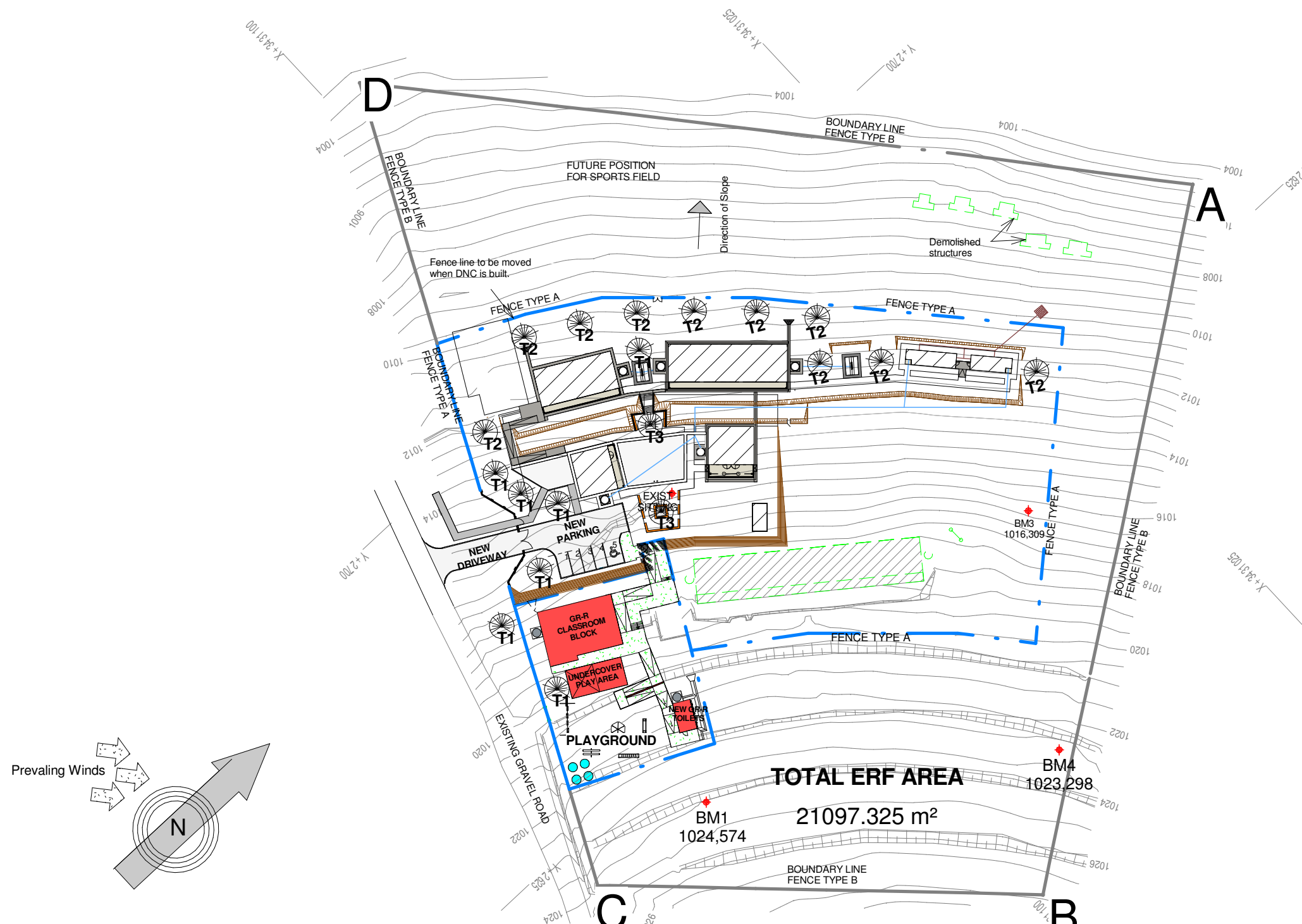
REVISION			
rev.	date	name	description
01	25/01/17	ZM	Levels added
02	02/03/17	ZM	services added

RECOMMEND	W.K.M BUSS/ C. HEPBURN
ISSUED	W.K.M BUSS/ C. HEPBURN
DRAWN	PK/ZM
SCALE	
DATE	02 March 2017

PROJECT  
**CABANE JUNIOR SECONDARY SCHOOL**

EMIS NUMBER	200400546
CO-ORDINATES	31°37'14.17"S 28°47'18.75"E
DRAWING TITLE <b>SITE DEVELOPMENT PLAN</b>	
PROJ NO 0405	DWG NO 000
REV. PR02	

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**1** KEY PLAN  
1 : 1000

**TOTAL ERF AREA**  
21097.325 m<sup>2</sup>

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rev.	date	name	description

RECOMMEND	W.K.M BUSS/ C. HEPBURN
ISSUED	W.K.M BUSS/ C. HEPBURN
DRAWN	PK/ZM
SCALE	
DATE	28 February 2017

PROJECT  
**CABANE JUNIOR SECONDARY SCHOOL**

EMIS NUMBER	200400546	
CO- ORDINATES	31°37'14.17"S 28°47'18.75"E	
DRAWING TITLE <b>KEY PLAN</b>		
PROJ NO 0405	DWG NO 001	REV. PR00

**TABLE 1:  
SUMMARY FOR HUMAN CAPITAL**

TABLE 1A: GRADE ENROLMENT FIGURES FOR 2016

G GRADES	NUMBER OF PUPILS			TOTAL
	BOYS	GIRLS		
R	8	6		14
SCHOOL	BOYS	GIRLS		TOTAL
1	14	11		25
2	2	13		15
3	8	8		16
4	6	12		18
5	8	11		19
6	8	12		20
7	8	14		22
8	11	8		19
9	10	11		21
SCHOOL GRAND TOTALS		83	106	189

TABLE 1B: NUMBER OF ADMINISTRATION STAFF

Nature	Male	Female	Total
Clerk	0	1	1

TABLE 1B: NUMBER OF EDUCATORS

Nature	Male	Female	Total
	2	5	7

**TABLE 2: SUMMARY FOR SCOPE OF WORKS**

TABLE 2A: DEMOLITION WORKS			TOTAL FOR ALL BLOCKS	
No.	BUILDING USAGE	AREA	SIZE	
			QUANTITIES	
			No. of Classrooms	
1				
2				
3				
4				
TABLE 2B: RENOVATION / REFURBISHMENT WORKS				
No.	BUILDING USAGE	AREA	SIZE	
1	Existing GR-R (to be converted to Multi-purpose Classroom)	96.148m <sup>2</sup>		
				96.148m <sup>2</sup>

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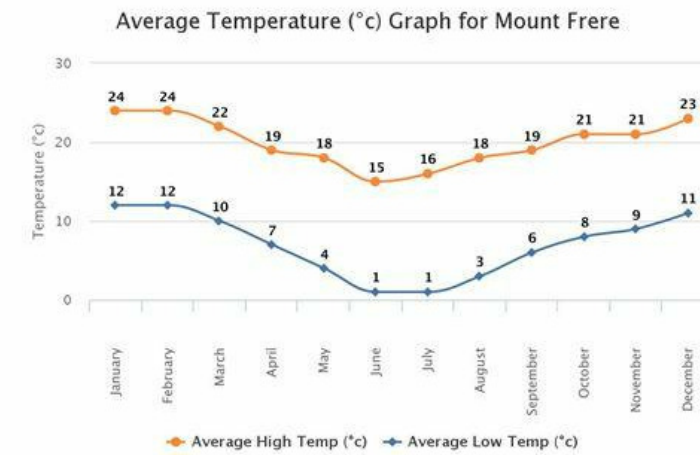
RECOMMEND	W.K.M BUSS/ C. HEPBURN
ISSUED	W.K.M BUSS/ C. HEPBURN
DRAWN	PK/ZM
SCALE	NTS
DATE	28 February 2017

PROJECT  
**CABANE JUNIOR  
SECONDARY SCHOOL**

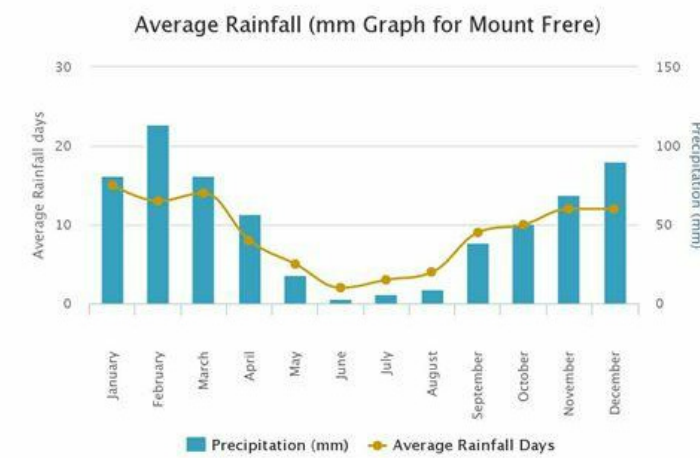
EMIS NUMBER	200400546	
CO- ORDINATES	31°37'14.17"S /28°47'18.75"E	
DRAWING TITLE <b>TABLE 1 AND TABLE 2</b>		
PROJ NO 0405	DWG NO 002	REV. PR00

TABLE 2C: NEW WORKS				
No.	BUILDING USAGE	AREA	QUANTITIES	TOTAL FOR ALL BLOCKS
1	Grade R Block	107.75m <sup>2</sup>		
2	Verandah	63m <sup>2</sup>		
3	Grade R Toilets	23m <sup>2</sup>	4 wc + 1 Disabled 2 whb	
4	High Level Water Tank		1 (Minimum 5000L)	
5	Water Tank		1	
6	Walkways			
	Grade R Fence, linear metres	153.84m		
				130.75m <sup>2</sup>
TABLE 2D: CLASSROOMS SUMMARY				
CLASSROOMS				
	TOTAL NUMBER FOR ALL CURRENTLY PROVIDED CLASSROOMS IN THIS SCHOOL			12
	Total number of Renovated / Refurbished Classrooms			1
	Total number of Newly provided classrooms			1
	TOTAL EXISTING WORK TO BE RENOVATED			= 96.148m <sup>2</sup>
	TOTAL EXISTING WORK TO BE DEMOLISHED			= 0m <sup>2</sup>
	TOTAL NEW WORK			= 130.75m <sup>2</sup>

Average High/Low Temperature for Mount Frere, South Africa



Average Rainfall for Mount Frere, South Africa



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ISSUED	W.K.M BUSS/ C. HEPBURN
DRAWN	PK/ZM
SCALE	NTS
DATE	28 February 2017

PROJECT  
**CABANE JUNIOR SECONDARY SCHOOL**

EMIS NUMBER	200400546	
CO- ORDINATES	31°37'14.17"S /28°47'18.75"E	
DRAWING TITLE	<b>TABLE 2C</b>	
PROJ NO	DWG NO	REV.
0405	003	PR00

LIST OF EXISTING BUILDINGS			FINISHED FLOOR LEVEL	
ADMINISTRATION BLOCK	88.119m <sup>2</sup>		1013.03	
2 CLASSROOM BLOCK	157.887m <sup>2</sup>		1011.03	
3 CLASSROOM BLOCK	235.743m <sup>2</sup>		1011.03	
EXISTING GR-R (TO BE CONVERTED TO MULTI PURPOSE TYPE CLASSROOM)	96.148m <sup>2</sup>		1013.03	
MALE TOILETS	29.595m <sup>2</sup>		1011.03	
FEMALE TOILETS	31.610m <sup>2</sup>		1011.03	
GR-R TOILETS	18.397m <sup>2</sup>		1012.85	
TOTAL BUILDING AREA	657.499m <sup>2</sup>			

All stormwater & roadworks as per Engineer's specification.	
All new trees to be minimum 2m High when planted.	
All trees to be planted in 1x1x1m excavated hole filled with 50% topsoil and 50% pure compost & 200g bone meal + 200g super phosphate, all mixed together	
All embankments to be grassed.	

<b>BENCH MARKS</b> 12mm pegs in concrete			
BM1	+ 2 612,43	+ 31 141,61	1024,574
BM2	+ 2 664,61	+ 31 102,95	1015,362
BM3	+ 2 611,21	+ 31 050,78	1016,309
BM4	+ 2 570,19	+ 31 080,05	1023,298

+ 31 092,41 + 2 771,94	229 49 10	175,52	D-A
+ 31 170,13 + 2 615,02	116 21 00	175,11	C-D
+ 31 103,17 + 2 550,27	44 02 20	93,15	B-C
+ 30 979,16 + 2 637,84	324 46 20	151,81	A-B

LINE LEGEND	
	Fence line Type A Dwg. no 0269 517A
	Fence line Type B Dwg. no 0269 517B
	Potable water supply line. 25° HDPE pipe.
	Demolish existing structures.
	Balustrade as per detail
	Electrical reticulation
	Sewer reticulation

TREE LEGEND	
	<b>African White Stinkwood,</b> not less than 2.2m high when planted.
	<b>Populus Simoni,</b> not less than 2.2m high when planted.
	<b>Mophead,</b> not less than 2.2m high when planted.

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rev.	date	name	description
01	02/03/17	ZM	new lines to legend added

RECOMMEND	W.K.M BUSS/ C. HEPBURN
ISSUED	W.K.M BUSS/ C. HEPBURN
DRAWN	PK/ZM
SCALE	NTS
DATE	03 March 2017

PROJECT

**CABANE JUNIOR SECONDARY SCHOOL**

EMIS NUMBER	<b>200400546</b>	
CO- ORDINATES	<b>31°37'14.17"S /28°47'18.75"E</b>	
DRAWING TITLE <b>LIST OF BUILDINGS</b>		
PROJ NO 0405	DWG NO 004	REV. PR01