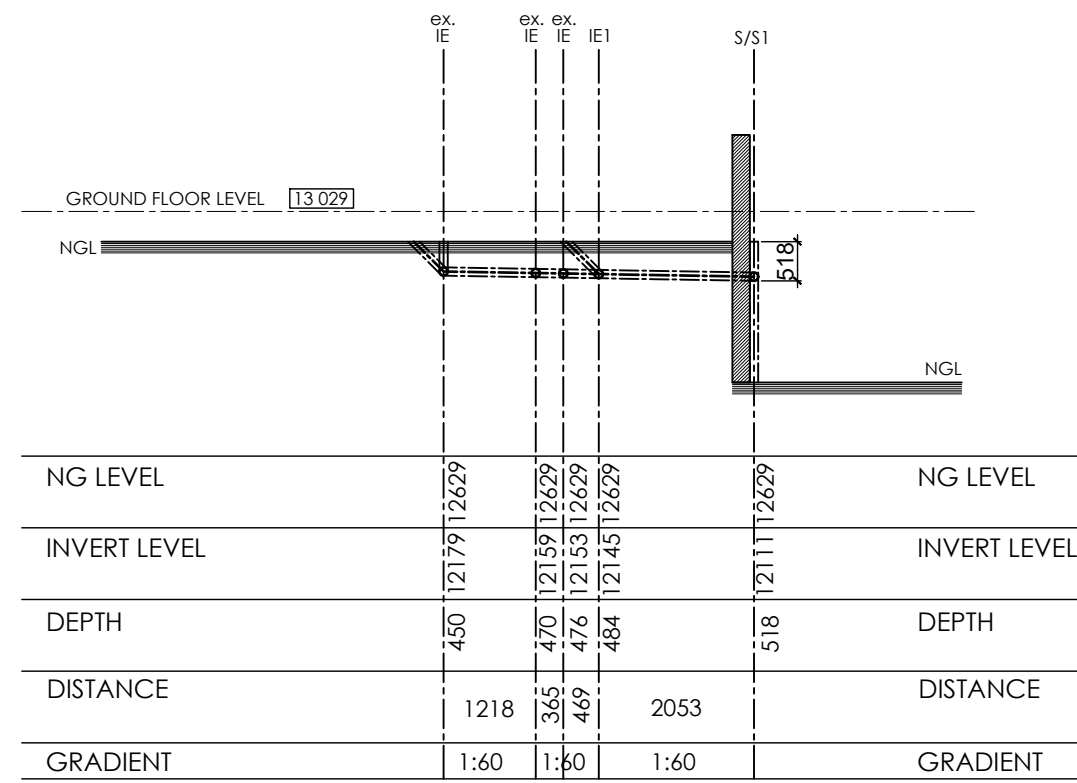




A map of a residential area showing several lots. Lot 2234 is highlighted in red. The lots are numbered 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2095, 2121, and 2122. The streets are labeled MIMOSA STREET, KEURBOOM STREET, and 2095.

City/Town	Latitude	Zone	Nett Floor Area	Fenestation Area	Glazing %
Jeffreys Bay	34	4	83,67	20,26	24,21

EX. W7	1161,00	1736,00	2,04	642,20	300,00	14	0,34
Summary							
City/Town	Latitude	Zone	Nett Floor Area	Fenestation Area	Glazing %		
Jeffreys Bay	34	4	154,17	38,15	24,75		



9750	9750	9750	NG LEVEL
9095	9066	8976	INVERT LEVEL
655	684	774	DEPTH
9323	291	903	DISTANCE
1:24	1:10	1:10	GRADIENT

TOWN PLANNING INFO.

4	FLOOR INSULATION for under floor heating	The floors are in accordance with the requirements of 5.4	Under slab (Heated): mm W/m.K R-Val. Lambdaboard <table><tr><td>000</td><td>0.024</td><td>0.00</td></tr></table> Total R-value: Req. ≥ 1.0 0.00 N/A Suspended Floor (Exposed): mm W/m.K R-Val. Lambdaboard <table><tr><td>000</td><td>0.024</td><td>0.00</td></tr></table> Total R-value: Req. ≥ 1.0 0.00 In order 5.4.1. Surface bed (Heated) 5.4.2. Suspended (Exposed) R-value $\Rightarrow$ 1.00	000	0.024	0.00	000	0.024	0.00																					
000	0.024	0.00																												
000	0.024	0.00																												
5	EXTERNAL WALLS Surface density > 270kg/m ²	The external walls are in accordance with the requirements of 5.5 (Table 6) Zone 4: 50mm Cavity wall: R-value $\Rightarrow$ 0.6	External wall: <table><tr><td>mm</td><td>W/m.K</td><td>R-Val.</td></tr><tr><td>Outer Air-film (1/20)</td><td>1000</td><td>20 0.05</td></tr><tr><td>15mm plaster</td><td>015</td><td>0.75 0.02</td></tr><tr><td>110mm Brick</td><td>010</td><td>0.82 0.13</td></tr><tr><td>Air-spaces</td><td>1000</td><td>6.8 0.15</td></tr><tr><td>Cavity (Lambdaboard)</td><td>000</td><td>0.024 0.00</td></tr><tr><td>110mm Brick</td><td>010</td><td>0.82 0.13</td></tr><tr><td>15mm plaster</td><td>015</td><td>0.75 0.02</td></tr><tr><td>Inner Air-Film (1/9.4)</td><td>1000</td><td>9.4 0.11</td></tr></table> Total R-value: Req. ≥ 0.60 0.61 In order	mm	W/m.K	R-Val.	Outer Air-film (1/20)	1000	20 0.05	15mm plaster	015	0.75 0.02	110mm Brick	010	0.82 0.13	Air-spaces	1000	6.8 0.15	Cavity (Lambdaboard)	000	0.024 0.00	110mm Brick	010	0.82 0.13	15mm plaster	015	0.75 0.02	Inner Air-Film (1/9.4)	1000	9.4 0.11
mm	W/m.K	R-Val.																												
Outer Air-film (1/20)	1000	20 0.05																												
15mm plaster	015	0.75 0.02																												
110mm Brick	010	0.82 0.13																												
Air-spaces	1000	6.8 0.15																												
Cavity (Lambdaboard)	000	0.024 0.00																												
110mm Brick	010	0.82 0.13																												
15mm plaster	015	0.75 0.02																												
Inner Air-Film (1/9.4)	1000	9.4 0.11																												
6	ROOF & CEILING ASSEMBLY	The roof and ceiling assemblies are in accordance with the requirements of 5.6 Zone: Direction of Flow: 4 UP 22" Metal roof with angled ceiling	5" MONO PITCH ROOF <table><tr><td>mm</td><td>W/m.K</td><td>R-Val.</td></tr><tr><td>Outer Air-Film (1/20)</td><td>n/a</td><td>n/a 0.05</td></tr><tr><td>Metal Roofing sheeting</td><td>0.00</td><td>53.00 0.00</td></tr><tr><td>Air-space & Stalation</td><td>n/a</td><td>n/a 0.51</td></tr><tr><td>Isoper Aerolite insulation</td><td>50.0</td><td>0.044 1.14</td></tr><tr><td>Isoper Aerolite insulation</td><td>75.0</td><td>0.04 1.88</td></tr><tr><td>Gypsum Ceiling</td><td>6.40</td><td>0.17 0.04</td></tr><tr><td>Inner Air-Film (1/11.0)</td><td>n/a</td><td>n/a 0.09</td></tr></table> Total R-value: Req. ≥ 3.7 3.71 In order	mm	W/m.K	R-Val.	Outer Air-Film (1/20)	n/a	n/a 0.05	Metal Roofing sheeting	0.00	53.00 0.00	Air-space & Stalation	n/a	n/a 0.51	Isoper Aerolite insulation	50.0	0.044 1.14	Isoper Aerolite insulation	75.0	0.04 1.88	Gypsum Ceiling	6.40	0.17 0.04	Inner Air-Film (1/11.0)	n/a	n/a 0.09			
mm	W/m.K	R-Val.																												
Outer Air-Film (1/20)	n/a	n/a 0.05																												
Metal Roofing sheeting	0.00	53.00 0.00																												
Air-space & Stalation	n/a	n/a 0.51																												
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Isoper Aerolite insulation	75.0	0.04 1.88																												
Gypsum Ceiling	6.40	0.17 0.04																												
Inner Air-Film (1/11.0)	n/a	n/a 0.09																												
7	BUILDING SEALING	The building sealing is in accordance with the requirements of 5.7	A foam or rubber compressible strip or a fibrous seal to restrict air leakage shall be fitted to each edge of an external door and other such opening that serves a habitable room. The maximum air leakage for windows and doors shall comply with the requirements of SANS 613. In order																											
8	HOT WATER Classification H4 - Dwelling house	The building hot water is in accordance with the requirements of 6.1	NO ADDITIONAL BEDROOMS WERE ADDED. In order																											
	PIPE INSULATION (hot water pipe)	Internal pipe diameter s 80mm: Minimum R-value of 1.00	Closed cell elastomeric thermal insulation <table><tr><td>mm</td><td>W/m.K</td><td>R-Val.</td></tr><tr><td>38</td><td>0.036</td><td>1.06</td></tr></table> Total R-value: Req. 1.0 1.06 In order	mm	W/m.K	R-Val.	38	0.036	1.06																					
mm	W/m.K	R-Val.																												
38	0.036	1.06																												
9	LIGHTING Classification H4	The building lighting is in accordance with the requirements of 6.2	LED & CFL deemed to comply with Table 12 for H3 & H4 In order																											

Ex.W11	303,00	1767,00	0,99	153,00	500,00	E	0,54
Ex.W12	563,00	1764,00	0,99	155,00	500,00	S	0,54
Ex.W13	842,00	817,00	0,69	155,00	500,00	SE	0,54

Summary

City/Town	Latitude	Zone	Nett Floor Area	Fenestration Area	Glazing %
Port Elizabeth	33.962	4	91,25	32,81	35,96

GENERAL NOTES:

[illegible]

DRAWING TITLE:

MUNICIPAL SUBMISSIONS

PROJECT TITLE:

ADDITIONS AND ALTERATIONS ON ERF
2234, JEFFREYS BAY, WAVECREST,
JEFFREYS BAY FOR Explo Tech SA (PTY)
LTD

..... 5 Feb 26

CLIENT SIGNATURE

bh **BLACKHOUND**
ARCHITECTURE & RENDERING

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 Unit 10, The Network, 19 Cactus Rd
 Fairview, Port Elizabeth, 6070 

5 Feb 26
.....
PROFESSIONAL SIGNATURE

MUNICIPAL INFORMATION:

ERF NO:	2234, Jeffreys Bay, Wavecrest
ERF AREA:	600 sqm
EXISTING AREA:	414 sqm
NEW AREA:	80 sqm
TOTAL AREA:	494 sqm
EX. COVERAGE:	236 sqm - 39.33%
NEW COVERAGE:	36 sqm - 6.00%
TOTAL COVERAGE:	272 sqm - 45%
NEW GARAGES:	0
NEW BATHROOMS:	0
POOL:	NO
BOUNDARY WALLS:	0 M
AGE OF BUILDING:	29



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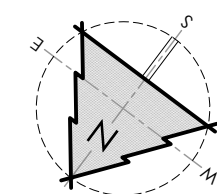
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