

	TV point aerial		
	Shavers plug		
	Teakpoint		
	Network point		
	Stove isolator		
	Power Skirting		
	2x 18 W/11500 Long 2 tube fluorescent armature with prismatic diffuser suspended from ceiling.		
	5 Watt LED Down lighter as per specification		
	20 Watt Compactated Fluorescent ceiling light as per specification		
	20 Watt Compactated Fluorescent hanging pendant light as per specification		
	30 Watt Fan-light ceiling mounted		
	(5 Watt x 2) Internal LED Wall mounted light		
	(10 Watt x 2) External LED Wall mounted light		

	Proposed cold water source point, plumber to tap into existing cold water pipes at this point		External mounted heat pump as per specialist.
	Municipal water connection and stop cock		Shower head
	Proposed cold tap		
	Proposed hot tap		Solar geyser on roof with geyser in the ceiling space as per specialist.
	Proposed cold water reticulation		
	Proposed hot water reticulation		
	Proposed cold water pipe up		Garden tap position
	Proposed cold water pipe down		
	Proposed hot water pipe down		
	Proposed cold water stopcock		50mm flexible polyester insulation to call new hot water pipes to achieve R-value of 1
	Proposed hot water stopcock		

Tag	Width	Height	A	P-Value	G	O	M-Value	Min. P	U-Value	SHGC
D1/1	2500.84	2125.00	5.31	715.00	500.00	NW	0.54	1417.5	5.20	0.49
D2/1	2481.84	2125.00	5.27	715.00	500.00	NW	0.54	1417.5	5.20	0.49
D3/1	2400.84	2125.00	5.10	715.00	500.00	NW	0.54	1417.5	5.20	0.49
Ex. Door	1468.00	2125.00	3.12	3257.00	500.00	NW	0.54	1417.5	5.20	0.49
Ex. Door	900.00	2125.00	1.91	1896.00	500.00	NE	0.54	1417.5	5.20	0.49
Ex. Window	1740.00	1275.00	2.22	135.00	500.00	SE	0.54	958.5	5.20	Any Solution
Ex. Window	840.00	1275.00	0.99	135.00	500.00	SE	0.54	904.5	5.20	Any Solution
Ex. Window	875.00	1175.00	1.03	135.00	500.00	SE	0.54	904.5	5.20	Any Solution
Ex. Window	940.00	1090.00	0.92	135.00	500.00	SE	0.54	858.6	5.20	Any Solution
Ex. Window	1937.00	950.00	1.84	135.00	500.00	SE	0.54	783	5.20	Any Solution
W2/1	1890.00	510.00	0.96	135.00	500.00	NE	0.54	545.4	5.20	0.49
W3/1	1200.00	3065.00	3.68	735.00	500.00	SE	0.54	1925.1	5.20	Any Solution
W4/1	830.00	850.00	0.71	1616.00	500.00	SE	0.54	729	5.20	Any Solution
Summary										
City/Town				Latitude	Zone	Nett Floor Area		Fenestration Area		Glazing %
Port Elizabeth				33.962	4	145.74		33.06		22.68

[illegible][illegible]

MUNICIPAL SUBMISSION

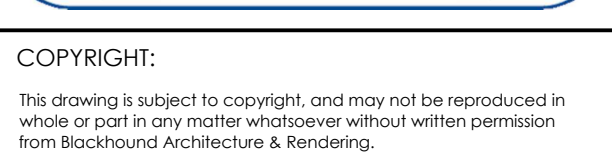
ADDITIONS AND ALTERATIONS ON **ERF**
2901, GELVANDALE , PORT ELIZABETH
FOR **Mr & Mrs Abader**

bh **BLACKHOUND**
ARCHITECTURE & RENDERING

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072 418 6867 | 072 799 9597

<https://blackhoundenterprises.com>
Unit 10, The Network, 19 Cactus Rd
Fairview, Port Elizabeth, 6070

ERF NO:	2901, Gelvandale	
ERF AREA:	702.95 sqgm	
EXISTING AREA:	245 sqgm	
NEW AREA:	178 sqgm	
TOTAL AREA:	423 sqgm	
EX. COVERAGE:	245 sqgm	- 34.85%
NEW COVERAGE:	0 sqgm	- 0.00%
TOTAL COVERAGE:	245 sqgm	- 35%
NEW GARAGES:	0	
NEW BATHROOMS:	2	
POOL:	NO	
BOUNDARY WALLS:	0 M	
AGE OF BUILDING:	<60	



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