

	TV point aerial		
	Flares plug		
	Shower plug		
	Network point		
	Stove isolator		
	Power Skirting		
	(2 x 18 W) 1500 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	2500.00	2125.00	5.31	715.00	500.00	NW	0.54	1417.5	5.20	0.49
D2/1	2482.00	2125.00	5.27	715.00	500.00	NW	0.54	1417.5	5.20	0.49
D3/1	2400.00	2125.00	5.10	715.00	500.00	NW	0.54	1417.5	5.20	0.49
Ex.D	1468.00	2125.00	3.12	3257.00	500.00	NW	0.54	1417.5	5.20	0.49
Ex.D	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	1175.00	0.99	135.00	500.00	SE	0.54	904.5	5.20	Any Solution
Ex.Window	873.00	1175.00	1.03	135.00	500.00	SE	0.54	904.5	5.20	Any Solution
Ex.Window	840.00	1090.00	0.92	135.00	500.00	SE	0.54	858.6	5.20	Any Solution
Ex.Window	830.00	850.00	0.71	1616.00	500.00	SE	0.54	729	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
Summary										
City/Town				Latitude	Zone	Nett Floor Area		Fenestration Area		Gazing %
Port Elizabeth				33.962	4	145.74		33.06		22.68

[illegible][illegible]**MUNICIPAL SUBMISSION**

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

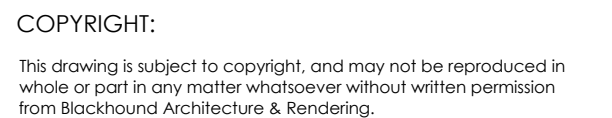
bh **BLACKHOUND**
ARCHITECTURE & RENDERING

25 Feb

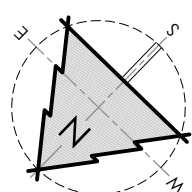
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PROFESSIONAL SIGNATURE

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



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FLOOR PLAN / GROUND FLOOR
SCALE 1:100