

	Proposed cold water source point, plumber to fix 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		Solar geyser on roof with geyser in the ceiling space (as per specialist).
	Proposed hot tap		
	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		55mm flexible polyester blanket insulation to new geyser to achieve R-value of 2.00
	Proposed cold water pipe up		50mm flexible polyester insulation to call new hot water pipes to achieve R-value of 1
	Proposed hot water stopcock		
	Proposed hot water stopcock		

Tag	Width	Height	A	P-Value	G	O	M-Value	Min. P	U-Value	SHGC
D/12	2500.84	2125.00	5.31	715.00	500.00	NW	0.54	1417.5	5.20	0.49
D/22	2481.84	2125.00	5.27	715.00	500.00	NW	0.54	1417.5	5.20	0.49
D/32	2400.84	2125.00	5.10	715.00	500.00	NW	0.54	1417.5	5.20	0.49
D/71	2879.00	2125.00	6.12	715.00	500.00	NW	0.54	1417.5	5.20	0.49
W/11	2715.00	2125.00	5.70	715.00	500.00	SE	0.54	1417.5	5.20	Any Solution
W/22	1890.00	510.00	0.96	135.00	500.00	NE	0.54	545.4	5.20	0.49
W/51	900.00	900.00	0.81	135.00	500.00	NE	0.54	756	5.20	0.49
W/61	873.00	1175.00	1.03	135.00	500.00	SE	0.54	904.5	5.20	Any Solution
W/62	873.00	1175.00	1.03	135.00	500.00	SE	0.54	904.5	5.20	Any Solution
W/63	873.00	1175.00	1.03	135.00	500.00	SE	0.54	904.5	5.20	Any Solution

City/Town	Latitude	Zone	Nett Floor Area	Fenestation Area	Glazing %
Port Elizabeth	33.962	4	151,92	32,43	21,35

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

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

bh **BLACKHOUND**
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MUNICIPAL INFORMATION:


PROFESSIONAL ARCHITECTURAL TECHNOLOGIST
DEWALD MATHYS POTGIETER
 09:50 am (Africa/Johannesburg) on 16 Feb 2026

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