

**GLAZING SCHEDULE**

Window/Door Number	Dimensions (mm)	Area (msq)	Material	Frame Type	Supported Sides	Min. Thickness (mm)	Max. Area (msq)
W01, W05, W10, W11, W12, W19, W23, W24, W25, W28	2400 x 1600	2.40	ALUMINIUM	SIDEHUNG & AWNING	ALL SIDES	4mm	1.5m <sup>2</sup>
W02, W04	2400 x 600	1.44	ALUMINIUM	AWNING	ALL SIDES	4mm	3.0m <sup>2</sup>
D01	2400 x 1800	4.32	ALUMINIUM	SLIDING	ALL SIDES	4mm	3.0m <sup>2</sup>
W03	2400 x 600	0.90	ALUMINIUM	FIXED	ALL SIDES	4mm	1.5m <sup>2</sup>
D02	2400 x 2400	5.76	ALUMINIUM	SLIDING	ALL SIDES	4mm	3.0m <sup>2</sup>
W06	2400 x 800	0.36	ALUMINIUM	AWNING	ALL SIDES	4mm	3.0m <sup>2</sup>
W07	2400 x 550	0.33	ALUMINIUM	AWNING	ALL SIDES	4mm	1.5m <sup>2</sup>
W08	2400 x 1000	0.99	ALUMINIUM	AWNING	ALL SIDES	4mm	1.5m <sup>2</sup>
W09	2400 x 550	0.33	ALUMINIUM	AWNING	ALL SIDES	4mm	3.0m <sup>2</sup>
D03, D05, D06	2400 x 2400	5.76	ALUMINIUM	SLIDING & STACKING	ALL SIDES	4mm	3.0m <sup>2</sup>
W13, W25	2400 x 800	1.20	ALUMINIUM	SIDEHUNG & AWNING	ALL SIDES	4mm	3.0m <sup>2</sup>
W14	2700 x 1600	1.49	ALUMINIUM	AWNING	ALL SIDES	4mm	1.5m <sup>2</sup>
W15	2400 x 800	0.96	ALUMINIUM	AWNING	ALL SIDES	4mm	1.5m <sup>2</sup>
W16	2400 x 650	0.59	ALUMINIUM	AWNING	ALL SIDES	4mm	1.5m <sup>2</sup>
W17, W18	2400 x 650	0.59	ALUMINIUM	AWNING	ALL SIDES	4mm	3.0m <sup>2</sup>
W20, W22	2400 x 650	0.78	ALUMINIUM	SIDEHUNG & AWNING	ALL SIDES	4mm	3.0m <sup>2</sup>
W21	2400 x 1600	0.72	ALUMINIUM	AWNING	ALL SIDES	4mm	3.0m <sup>2</sup>
W26, W27	2400 x 800	0.96	ALUMINIUM	AWNING & SIDEHUNG	ALL SIDES	4mm	3.0m <sup>2</sup>
W29 (STAIRWELL)	3060 x 1550	4.73	ALUMINIUM	FIXED	ALL SIDES	4mm	3.0m <sup>2</sup>
W30, W31, W32	2400 x 650	0.98	ALUMINIUM	AWNING & SIDEHUNG	ALL SIDES	4mm	3.0m <sup>2</sup>

**GENERAL NOTES:**  
 - All glazing to comply with SANS 10400-N:2010.  
 - Floor glass to comply with SANS 50572-1/EN 572.1 & 572.2  
 - Toughened & Laminated safety glass to comply with SANS 1263.1  
 - ALL individual panes of safety glazing material to be permanently marked by installer and a certificate to such effect be issued to the owner on completion of installation.  
 - Installer to issue a certificate on completion of the glazing installation & that the glazing material indicated has been installed in the position indicated & such installation complies with provisions of SANS 1037.  
 - No changes are to be effected to the size, thickness or type of glazing material without prior approval of the Architectural Profession, as any such changes may affect the compliance with SANS 10400-N and the National Building Regulations.  
 - All sizes are inclusive of frames and should not be taken as glazing sizes only, subcontractor to take final measurements on site prior to installation  
 - ALL FRAMELESS SHOWER DOORS TO HAVE MIN. THICKNESS OF 10mm TOUGHENED SAFETY GLASS OVER A MAXIMUM AREA OF 2msq

**FENESTRATION CALCULATIONS**

WINDOW NO.	WINDOW AREA
W10	2.40msq
W11	2.40msq
W12	2.40msq
D03	5.76msq
D05	5.76msq
W13	1.20msq
W14	1.49msq
W15	0.96msq
W16	0.59msq
W17	0.59msq
W18	0.59msq
<b>TOTAL AREA - GR. STOREY WINDOWS</b>	<b>24.14msq</b>

WINDOW NO.	WINDOW AREA
W19	2.40msq
W21	0.72msq
W23	2.40msq
D05	5.76msq
W24	2.40msq
D06	5.76msq
W22	0.78msq
W25	2.40msq
W26	0.96msq
W27	0.96msq
W28	2.40msq
W20	0.78msq
W29	4.73msq
W30	0.98msq
W31	0.98msq
W32	0.98msq
<b>TOTAL AREA - FIRST STOREY WINDOWS</b>	<b>35.39msq</b>

WINDOW NO.	WINDOW AREA
W01	2.40msq
W02	1.44msq
D01	4.32msq
W03	0.90msq
D02	5.76msq
W04	1.44msq
W05	2.40msq
W06	0.60msq
<b>TOTAL AREA - BASEMENT WINDOWS</b>	<b>19.26msq</b>

WINDOW NO.	WINDOW AREA
W07	0.33msq
W08	0.99msq
W09	0.33msq
<b>TOTAL AREA - OUTBUILDING WINDOWS</b>	<b>1.65msq</b>

**PART XA - insulation**

Install 50mm thick non-combustible, lightweight glasswool geyser blanket around geyser. Seal edges with duct tape.

Apply 20mm 'snap-on-pipe' on incoming cold water pipes and insulate all outgoing hot water pipes to within 10m of plumbing fixtures.

provide 100mm thick flexible fibre glass blanket with overlaps of minimum 50mm over a wall member or to be tightly fitted against walls thickness of blanket to be maintained throughout

HEAT PUMPS ARE TO BE LOCATED ON THE ROOF GARDEN, IN CLOSE PROXIMITY TO GEYSERS AND WHERE MAXIMUM AMBIENT TEMPERATURE CAN BE ACHIEVED.

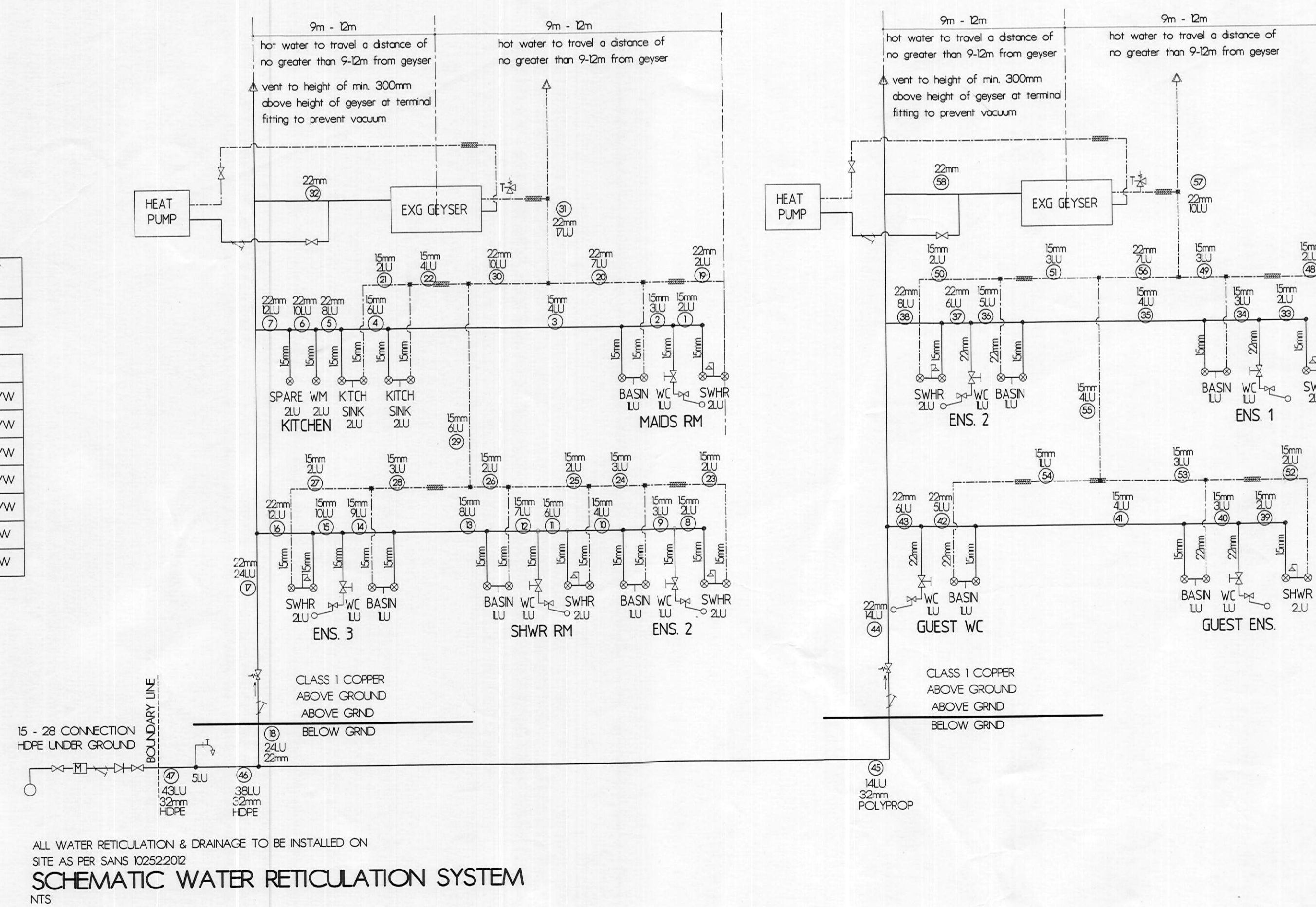
INSTALLATION OF HEAT PUMP TO BE BY SPECIALIST ACCORDING TO MANUFACTURES SPECIFICATIONS

**ROOF ASSEMBLY CALCULATIONS**

ZONE	DIRECTION OF HEAT FLOW	MIN. TOTAL 'R' VALUE REGD
SH	DOWNWARD	2.7msq/K/W

'R' VALUE OF PROPOSED ROOF ASSEMBLY	
OUTDOOR AIR FILM (7m/s)	0.03msq/K/W
WATERPROOFING MEMBRANE - RUBBER SYNTHETIC	0.03msq/K/W
150mm SOLID CONCRETE SLAB	0.28msq/K/W
80mm CEILING INSULATION - FIBREGLASS BOARD	2.35msq/K/W
9.0mm RHINOBOARD CEILING	0.06msq/K/W
INDOOR AIR FILM (STILL)	0.16msq/K/W
<b>TOTAL</b>	<b>2.91msq/K/W</b>



owner  
**S.O & H.Y ASWAN**

signature *H.Y. Aswani*

billing no.

project  
**DEVIATIONS TO APPROVED PLAN NO. 149 07 17**

address  
**411 CURRIE ROAD**  
 cadastral description  
**PTN 5 (OF 4) OF ERF 2419**  
**DURBAN**

 N.SHAMOUN 137 RILEY ROAD ESSENWOOD, DURBAN, 4001 CELL: 0832980646 nazreen@designdrawing.co.za	scale	AS SHOWN
	sheet no.	4/4
	job no.	n19-2wd04
	date	27.01.2023