

W NO	DIAGRAM	NO OFF	POSITION	VENTILATION & LIGHT		TOTAL U-VALUE	SHGC	ORIENTATION	TYPE OF FRAME	GLAZING	FRAME DESCRIPTION
				$L = \text{LIGHT} / \text{m}^2$	$V = \text{VENTILATION} / \text{m}^2$						
W1		1 OFF	LOUNGE	3,22 m ² L 2,28 m ² V		7.9	0.69	NORTH WEST	ALUMINIUM FRAME	6 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 1800 x 1200mm HORIZONTAL SLIDING WINDOW WITH 2 x 1800 x 550mm SOLID FRAME TOP LIGHTS
W2		1 OFF	NEW LIVING AREA	3,24 m ² L 1,44 m ² V		7.9	0.69	NORTH EAST	ALUMINIUM FRAME	6 mm SINGLE TINTED GLASS	CONCRETE WINDOW FRAME BY MINGLOK BRONZE POWDER COATED ALUMINIUM 600 x 600mm SOLID FRAME AND TOPHING FRAMES COMPLETE
W3		1 OFF	NEW LIVING AREA	12,15 m ² L		7.9	0.69	NORTH EAST	ALUMINIUM FRAME	6 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 8 x 900 x 1500mm PORPOSE MADE WINDOW FRAME
W4		1 OFF	EX. BEDROOM	5,48 m ² L 2,04 m ² V		7.9	0.69	SOUTH EAST	ALUMINIUM FRAME	6 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 2400 x 1700mm HORIZONTAL SLIDING WINDOW WITH 2 x 1200 x 550 mm SOLID FRAME TOP LIGHTS
W5		1 OFF	EX. MAIN BEDROOM	1,725 m ² L 0,52 m ² V		7.9	0.69	SOUTH EAST	ALUMINIUM FRAME	6 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 1250 x 650mm HORIZONTAL SLIDING WINDOW WITH 1 x 1250 x 550mm SOLID FRAME TOP LIGHT
W6		1 OFF	EX. MAIN BEDROOM	4,00 m ² L 1,23 m ² V		7.9	0.69	SOUTH EAST	ALUMINIUM FRAME	6 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM PORPOSE MADE BY WINDOW
W7		1 OFF	EX. MAIN BEDROOM	1,35 m ² L 0,36 m ² V		7.9	0.69	SOUTH EAST	ALUMINIUM FRAME	4 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 1200 x 1200mm HORIZONTAL SLIDING WINDOW
W8		1 OFF	NEW MAIN EN-SUITE	1,44 m ² L 0,72 m ² V		7.9	0.69	NORTH WEST	ALUMINIUM FRAME	4 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 1200 x 1200mm HORIZONTAL SLIDING WINDOW
W9		1 OFF	NEW JACUZZI ROOM	3,15 m ² L		7.9	0.69	SOUTH WEST	ALUMINIUM FRAME	6 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 1500 x 2100mm ALUMINIUM COTTAGE PANE FRENCH DOOR
W10		1 OFF	NEW JACUZZI ROOM	5,98 m ² L 5,98 m ² V		7.9	0.69	NORTH EAST	ALUMINIUM FRAME	6 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 5200 x 1150mm FOLDING SLIDING DOOR (8 LEAF)
W11		1 OFF	NEW MAIN EN-SUITE	1,33 m ² L		7.9	0.69	SOUTH EAST	ALUMINIUM FRAME	6 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 900 x 2100mm ALUMINIUM COTTAGE FRAME DOOR
W12		1 OFF	NEW MAIN EN-SUITE	0,9 m ² L 0,45 m ² V		7.9	0.69	SOUTH EAST	ALUMINIUM FRAME	6 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 600 x 1500mm VERTICAL SLIDING WINDOW
W13		1 OFF	NEW LAUNDRY	1,08 m ² L 0,54 m ² V		7.9	0.69	SOUTH WEST	ALUMINIUM FRAME	6 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 1200 x 900mm HORIZONTAL SLIDING WINDOW
W14		1 OFF	EX. SCULLERY	1,33 m ² L		7.9	0.69	NORTH WEST	ALUMINIUM FRAME	4 mm SINGLE TINTED GLASS	BRONZE POWDER COATED ALUMINIUM 900 x 2100mm SOLID FRAME ALUMINIUM DOOR

VERY IMPORTANT: IF THE GLAZING CONTRACTOR FIT ANY GLASS OTHER THAN WHAT IS SPECIFIED IN WINDOW AND DOOR SCHEDULE ABOVE, HE WILL BEHOLD IT AT HIS/HER OWN COST.
THE ABOVE WINDOW SIZES AND TYPES OF GLASS HAS BEEN CHOSEN TO COMBINE WITH ENERGY EFFICIENT CALCULATIONS.
SLIDING DOORS & WINDOWS : WHITE POWDER COATED ALUMINIUM, SLIDING DOORS AND WINDOWS TO BE ALUMINA APPROVED AND APPROVAL CERTIFICATE TO BE SUBMITTED.
ALL GLAZING TO COMPLY WITH PART N OF SANS 10400 - 2012.

NB: ALL GLAZING WORK SHALL BE EXECUTED STRICTLY IN CONFORMANCE WITH GLASS MANUFACTURER'S RECOMMENDATIONS AND ALL IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS PART N, SANS 10400, SANS 1033 AND B.S. ACT 103 OF 1977.
ALL SAFETY GLAZING MATERIALS (INDIVIDUAL PANE) SHALL BE PERMANENTLY MARKED IN SUCH A WAY THAT SUCH MARKING WILL BE VISIBLE AFTER INSTALLATION OF THE GLAZING.
ALL GLAZING MATERIAL SHALL BE PREPARED TO FIT FRAMES IN ACCORDANCE WITH REQUIREMENTS TAKEN ON SITE BY GLAZING CONTRACTOR.
ALL GLAZING MATERIAL SHALL BE SUBDUCE TO WITHSTAND A WINDOW WIND LOAD OF 500 Pa (Refer SANS 1011) AS PER SANS 10101 (REFER TO SANS 10101 REGULATIONS).
GLAZING CONTRACTOR TO OBTAIN COMPLIANCE CERTIFICATE AND ANY OTHER APPLICABLE DOCUMENTATION REQUIRED IN TERMS OF THE ABOVE MENTIONED ACT AND REGULATIONS TO OCCUPY THE BUILDING.
CERTIFICATION BY APPOINTED P. ENGINEER.

Worst-case whole glazing element performance figures

GLASS DESCRIPTION	1		2		3		4		5	
	ALUMINIUM	STEEL FRAMING	ALUMINIUM	STEEL FRAMING	SHGC	TOTAL U-value	TOTAL U-value	SHGC	TOTAL U-value	SHGC
Single clear	7,2	0,81	7,2	0,81	5,4	0,72	5,4	0,72	5,4	0,72
Single tinted	7,2	0,81	7,2	0,81	5,4	0,72	5,4	0,72	5,4	0,72
Single Low E	5,3	0,72	5,3	0,72	4,98	0,69	4,98	0,69	4,98	0,69
Clear Double (6/6)	4,2	0,59	4,2	0,59	3	0,62	3	0,62	3	0,62
Clear Double Low E	3,4	0,46	3,4	0,46	2,41	0,51	2,41	0,51	2,41	0,51
Tinted Double Low E	3,4	0,54	3,4	0,54	1,7	0,51	1,7	0,51	1,7	0,51

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SCALE DATE DRAWN CHECKED
1:50 14-SEP-2014 DL BOTHA TL BOTHA

SACAP REG No: ST0228
David J. Bottha
ARCHITECTURAL DESIGNS
ALTERATIONS & ADDITIONS
TOWN HOUSES
NEW HOUSES

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MEMBER OF THE SOUTH AFRICAN ENGINEERING BOARD

Owner Tel: 082 650 9081
PROJECT
PROPOSED ADDITIONS AND ALTERATIONS
FOR MR THINUS SMIT AND MR DAVE DOMINY
AT NO 8 MAZIE ROAD, GLENWOOD, DURBAN
ERE 5145 OF DURBAN

TITLE WINDOW SCHEDULE
PROJECT NUMBER ZAA 717
DRAWING NUMBER SD 03
OWNER / AGENT SIGNATURE A