
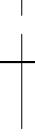
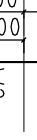
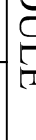






WINDOW SCHEDULE			HOUSE VIERA 2508								DOOR SCHEDULE			SLIDING DOOR	SLIDING / FOLDING
WINDOW TYPE	W1	W2	W3	W4	W5	W6	W7	W8							
NUMBER	2	6	3	5	2	3	2	1	1	1	1	1	2	1	
OFF															
SIZE	595 X 895	595 X 1195	895 X 1195	1195 X 1195	1195 X 1495	1495 X 1495	1950 X 2400	2500 X 2500	900 X 2400	900 X 2400	2500 X 2400	2400 X 2400	7000 X 2400		
AREA	.53 M2	.71 M2	1.07 M2	1.42 M2	1.78 M2	2.23 M2	4.68 M2	1.97 M2	SOLID HARDWOOD	4.5 M2	1100 MM FRONT DOOR	5.02 M2	16.8 M2		
MANY PANE AREA	.21 M2	.28 M2	.25 M2	.32 M2	.45 M2	.38 M2	.78 M2	1.97 M2	STABLE DOOR	1.20 M2	GLAZED SIDE LIGHTS	1.20 M2	.84 M2		
GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS		
THICKNESS	4 MM	4 MM	4 MM	4 MM	4 MM	4 MM	4 MM	5 MM	4 MM	4 MM	4 MM	4 MM	4 MM		
FRAME	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	TIMBER	TIMBER	TIMBER	ALUMINIUM	ALUMINIUM	ALUMINIUM		
TOUGHENED SAFETY GLAZING IN BATHROOMS															
TOUGHENED SAFETY GLAZING BELOW 500mm LEVEL															

WINDOW PERFORMANCE CALCULATION SCHEDULE - 2508												
WINDOW FRAME	GLAZING	U VALUE (Btu/ft²·°F)	ORIENTATION	P - H	P/H ZONE	WALL EXFP FACTOR	CONDUCT	INSULAT	HEAT	CLIMATE	CLIMATE	CLIMATE
W1	ALUM LOW-E	4.97	0.467	N	700	1000	0.64	5	0.53	0.24	2.63	0.06
W2	ALUM LOW-E	4.97	0.467	N	700	1000	0.64	5	0.53	0.24	2.63	0.06
W1	ALUM LOW-E	4.97	0.467	E	700	1600	0.50	5	0.71	0.72	3.53	0.24
W2	ALUM LOW-E	4.97	0.467	E	700	1600	0.50	5	0.71	0.72	3.53	0.24
W2	ALUM LOW-E	4.97	0.467	W	700	1600	0.50	5	0.71	0.75	3.53	0.25
W2	ALUM LOW-E	4.97	0.467	W	700	1600	0.50	5	0.71	0.75	3.53	0.25
W2	ALUM LOW-E	4.97	0.467	W	700	1600	0.50	5	0.71	0.75	3.53	0.25
W2	ALUM LOW-E	4.97	0.467	W	700	1600	0.50	5	0.71	0.75	3.53	0.25
W3	ALUM LOW-E	4.97	0.467	W	700	1600	0.50	5	0.71	0.75	3.53	0.25
W3	ALUM LOW-E	4.97	0.467	W	700	1600	0.50	5	1.07	0.72	5.25	0.38
W3	ALUM LOW-E	4.97	0.467	W	700	1600	0.50	5	1.07	0.75	5.25	0.39
W3	ALUM LOW-E	4.97	0.467	W	700	1600	0.50	5	1.07	0.75	5.25	0.39
W4	ALUM LOW-E	4.81	0.513	E	700	1600	0.50	5	1.42	0.72	6.83	0.52
W4	ALUM LOW-E	4.81	0.513	E	700	1600	0.50	5	1.42	0.72	6.83	0.52
W4	ALUM LOW-E	4.81	0.513	W	700	1600	0.50	5	1.42	0.75	6.83	0.55
W4	ALUM LOW-E	4.81	0.513	W	700	1600	0.50	5	1.42	0.75	6.83	0.55
W4	ALUM LOW-E	4.81	0.513	N	700	1600	0.50	5	1.42	0.72	6.83	0.52
W4	ALUM LOW-E	4.81	0.513	N	300	2400	0.13	5	1.42	0.40	6.83	0.31
W6	ALUM LOW-E	4.21	0.675	S	700	1600	0.41	5	2.23	0.42	9.39	0.63
W6	ALUM LOW-E	4.21	0.675	S	700	1600	0.41	5	2.23	0.42	9.39	0.63
W6	ALUM LOW-E	4.21	0.675	N	700	1600	0.41	5	2.23	0.3	9.39	0.45
W6	ALUM LOW-E	4.21	0.675	N	700	1600	0.41	5	2.23	0.3	9.39	0.45
W7	ALUM LOW-E	4.55	0.54	W	700	2600	0.29	5	4.68	0.3	21.29	0.76
W7	ALUM LOW-E	4.55	0.54	W	700	2600	0.29	5	4.68	0.3	21.29	0.76
W8	ALUM LOW-E	4.55	0.54	S	4000	1600	2.86	5	1.98	0.16	9.01	0.17
W8	ALUM LOW-E	4.55	0.54	S	4000	1600	2.86	5	1.98	0.16	9.01	0.17
D2	TIM LOW-E	4.82	0.523	E	700	1200	0.58	5	.61	0.68	2.94	0.22
D3	TIM LOW-E	4.95	0.595	S	700	2600	0.27	5	2.16	0.19	10.69	0.24
D4	ALUM LOW-E	4.22	0.522	S	700	2600	0.27	5	5.02	0.49	21.18	1.28
D4	ALUM LOW-E	4.22	0.522	E	700	2600	0.27	5	5.02	0.49	21.18	1.28
D5	ALUM LOW-E	4.65	0.455	S	4000	2600	14.3	5	16.60	0.22	79.30	1.79
TOTALS:												
65.25												
300.42												
13.23												

NETT HOUSE AREA: 219 M2	WINDOW AREA: 29.79 %
ALLOWABLE CONDUCTANCE: 219M2 X 1.4 =306.6	ALLOWABLE HEAT GAIN: 219 M2 X 0.11= 24.09
PROPOSED CONDUCTANCE: 300.42	PROPOSED HEAT GAIN: 13.23

THEREFORE HOUSE FENESTRATION IS COMPLIANT.

BUILDING CLASSIFICATION: H4

MATERIAL SPECIFICATION

HOUSE AND GARAGE

1. ROOF

CLIPS, BR CONCRETE TILE ON 38 x 36mm S&P BATTENS ON DPM, STROM GREY UNDERLAY
ON TRIMS, S&P GABRIEL TRUSS 225mm S&P RAFTERS
ON 50 x 75 mm S&P WALLS, CLIP STRIPPED TO WALL
ENGINEER.
RAFTERS / THUSSES / SPACING 76mm

2. CEILING

6mm SKINDED PLYSTERBOARD ON 38 x 36 mm S&P BRANDING COVERED LINING

3. HOUSE WALLS

INTERNAL: 10mm CLAY BRICKWORK
EXTERNAL FACEBRICK, 110mm LOTSWOLD APPROVED STONEWORK.

4. GLAZING

BACKSCOT AS REQUIRED UPD PLASTER & PAINT.
GLASS POWER RAKE ALUMINIUM WINDOWS, OBSCURE GLASS
TO BATHROOMS,
LIGHT WINDOWS TO DECKING, 100% OPEN AREA
TO ALL OTHERS, DOUBLE GLAZED, WINDOWS TO BE IN THE 5% FLOOR AREA.

GLAZING TO COMPLY WITH PART N OF SAFETY GLASS
REGULATIONS
EXCEPT WHERE DESIGNATED SAFETY GLASS IN THE DRAWINGS

5. DOORS

HARDWOOD FRAME, EXTERNAL, SOLID, WITH GLAZING NATURAL FINISHES, GLAZING TO COMPLY WITH PART N OF SAFETY GLASS REGULATIONS
HOLLOW CORE RECREATING THE HOLDING PAINT, TIMBER FRAMES.

6. FLOOR

FLOOR, NOM 100mm R.C. SURFACE PER DRN, SOIL POSITIONED TO BE DESIGNED & CERTIFIED BY AN ENGINEER

7. FOUNDATIONS

FLOOR, NOM 250 x 650 mm R.C. SIPR FOUNDATIONS, TO BE DESIGNED & CERTIFIED BY AN ENGINEER

8. RAINWATER

ALUMINIUM GUTTERS, MATCHING DOWNPIPES CONNECT TO S.W. SINKS

9. DRAINAGE

CONNECT TO CLOSMOLD DEVELOPMENT WASTE WATER SYSTEM

10. ELECTRICS

150 LITRE TIE OFF, DEV-EMT, DIS-TRI-BU-TION BOARD LIGHT POINT & DOUBLE END POINT PER ROOM
CIRCUITS: DOUBLE PLUG POINTS

11. SANWARE

SANITARY FITTINGS TO CLIENT REQUIREMENTS

12. FITTINGS/BECOMS

MODULAR PAINTED BUILD IN CUPBOARDS

13. FLOOR FINISHES

MODULAR PAINTED CUPBOARDS

14. WALL FINISHES

CERAMIC TILES BY SPECIALIST
VINYL BY SPECIALIST
STONEFACED WALL PANELS
AS PER ELEVATIONS

<h1>XA COMPLIANCE NOTES</h1> <h2>ADDITIONS & ALTERATIONS</h2> <div> <div>1. CLIMATIC ZONE : 5</div> <div> 2. ORIENTATION : NORTH WEST SECTOR 3. FLOORS : 100mm CONCRETE SURFACE BED, 4. EXTERNAL WALLS : 100mm CONCRETE BRICKWORK WALL CR VALUE TO BE MN 60 HRS 5. PENESTRATION GROUND FLOOR NETT AREA : 252 M2 PENESTRATION AREA : 63.25 M2 OR 25.10 % SEE CALCULATION 1 COMPLIANCE SHOWN </div> </div>

NOTE: ALL DRAWINGS ARE COPYRIGHTED	
LEGGO DESIGN ARCHITECTS	
6 ST PHARES ROAD, 4/FLOOR, 38/10	
TEL: 016 934 5580	REF: 7488
CLIENT: PHAKOES TRADING STORE (PTY) LTD	
PROJECT: ERF 2508 HILLCREST	
CONVOLD DOWNS 95 NAWADA RD HILLCREST	
NEW HOUSE & GARAGE	
DRAWN BY: MLEGGO	
DATE: SEP 2014	
SCALE: 1 : 100	
DRAWING NO.: W/D 04	