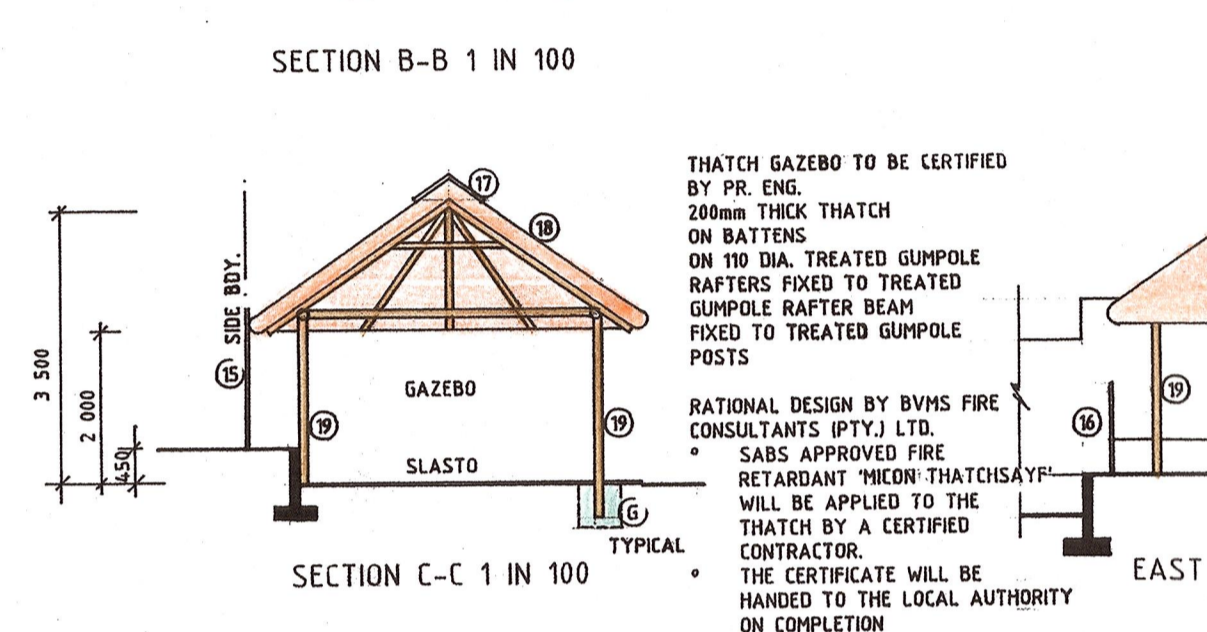
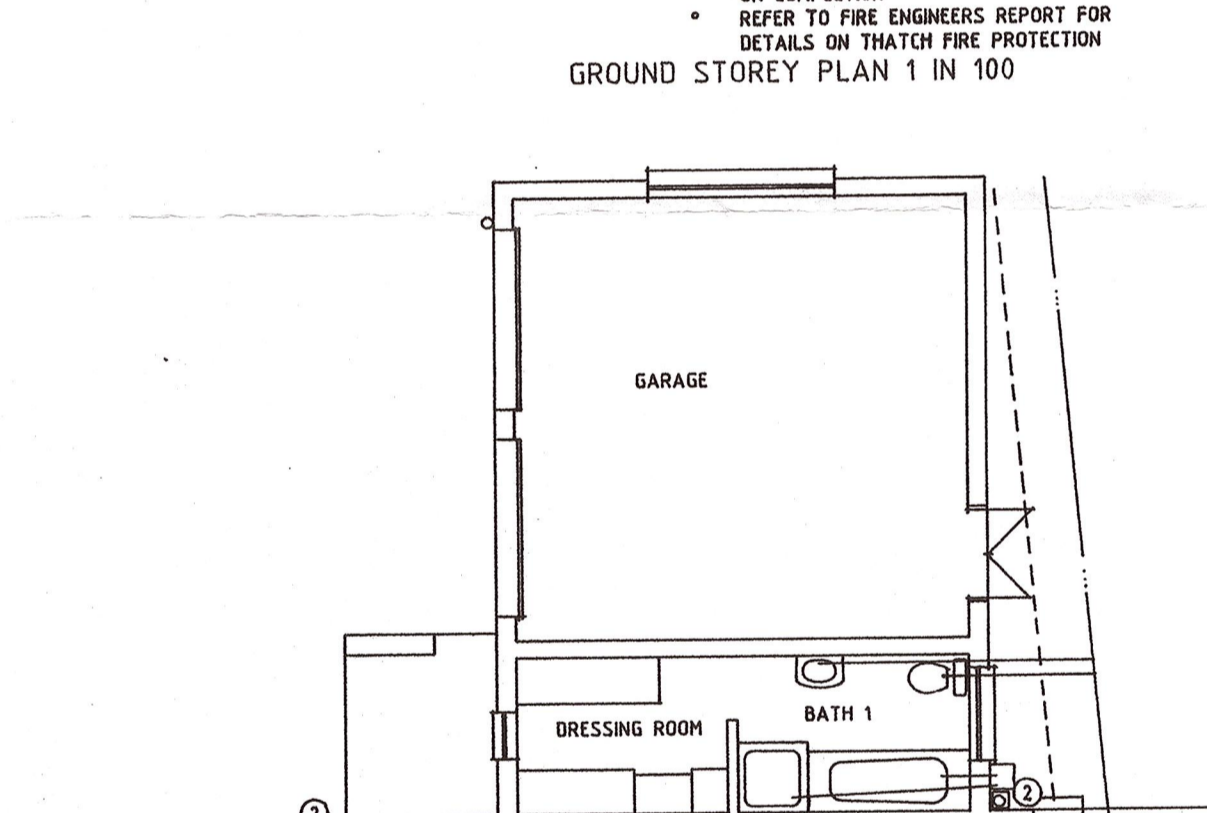


SECTION A-A 1 IN 100

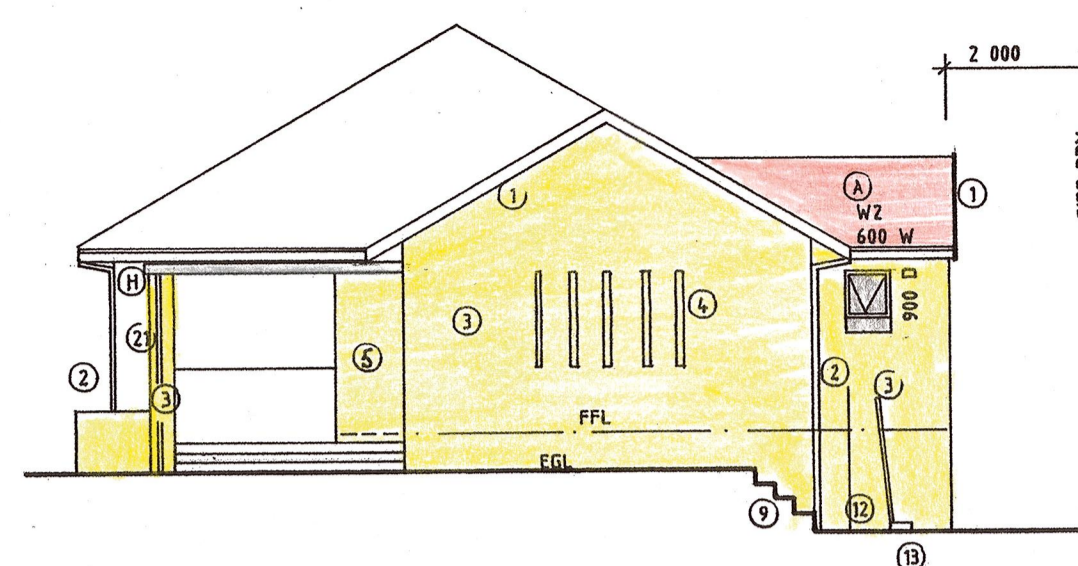


SECTION B-B 1 IN 100

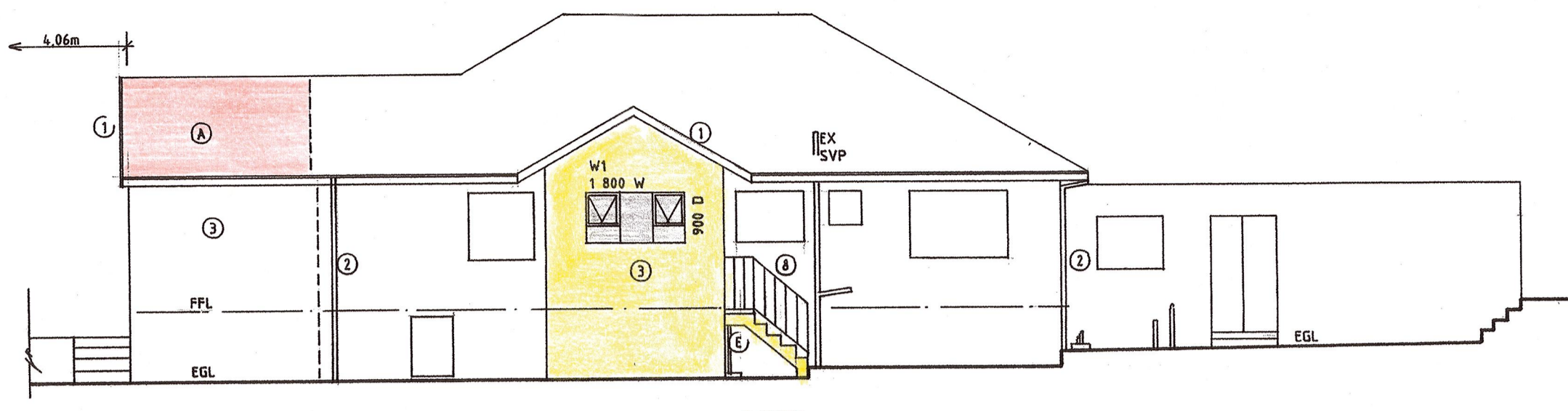


SECTION C-C 1 IN 100

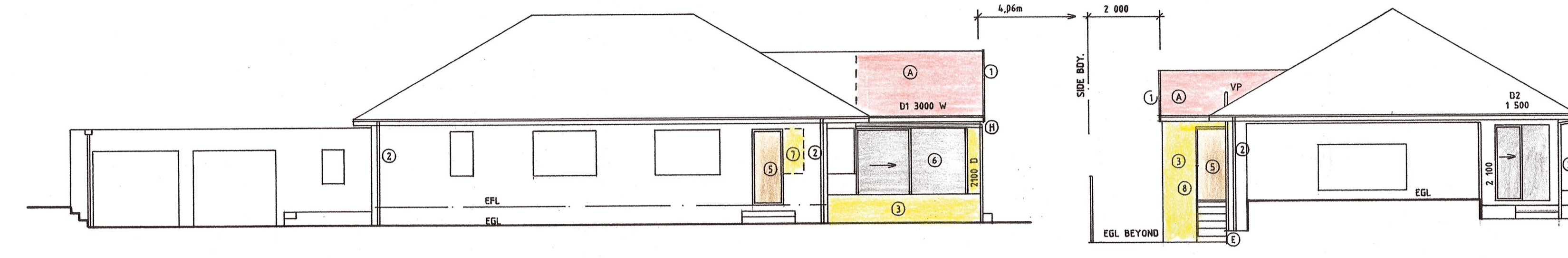
APPLICABLE TO BOTH SECTIONS  
 BY PR. ENG.  
 ROOF TILES TO MATCH EXISTING ON 38 X 38 BATTENS ON PVC UNDERLAY ON TRUSSES AT 450 CRS ON WALLPLATE  
 100 THICK FIBREGLASS BLANKET INSULATION TO ROOF SPACE  
 SKIM PLASTERED RHINOBOARD CEILINGS AND CORNICES INTERNALLY  
 PITCH TO MATCH EXISTING 30° TO BE CONFIRMED BY SPECIALIST  
 110 CLAY COMMONS TO BE USED THROUGHOUT  
 PR. ENG TO SPECIFY BONDING OR NEW BRICKWORK TO EXISTING PLASTER AND PAINT COMMONS BOTH SIDES  
 2 COURSES OF BRICKFORCE AT CILL AND WALLPLATE LEVELS WITH THE JOINTS GROUTED UP SOLID  
 FOR LOUNGE EXTENSION AND PATIO  
 125 THICK CONC. SLAB REINFORCED WITH WELDMESH ON MIN. 250 MICRON POLEOFIN UNDER FLOOR MEMBRANE WITH 200 OVERLAPS AT JOINTS SEALED WITH PRESSURE TAPE AND TURNED UP AROUND THE PERIMETER OF THE FLOOR BY MIN. 100 ON CLEAN COMPACTED FILL POISONED WITH PENTACHLOROPHENOL SOLUTION BY SPECIALIST  
 FLOOR TO KITCHEN EXTENSION REINFORCED CONC. SLAB BY PR. ENG.  
 ROOF TO BE TIED DOWN WITH 30X12 GALV. STEEL STRAPS EMBEDDED MIN. 300 INTO BRICKWORK



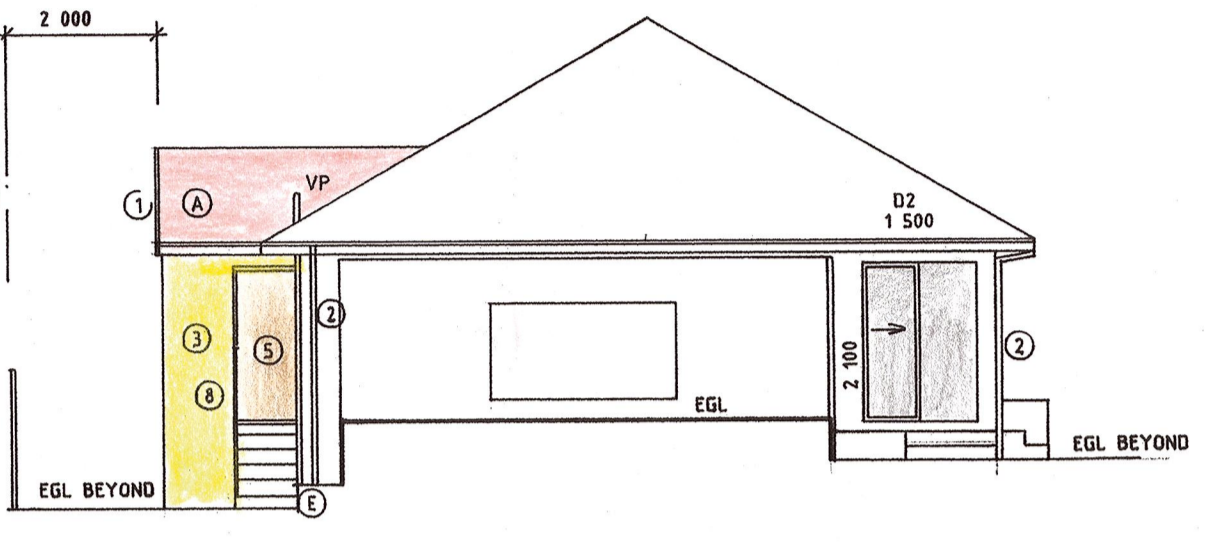
SOUTH ELEVATION 1 IN 100



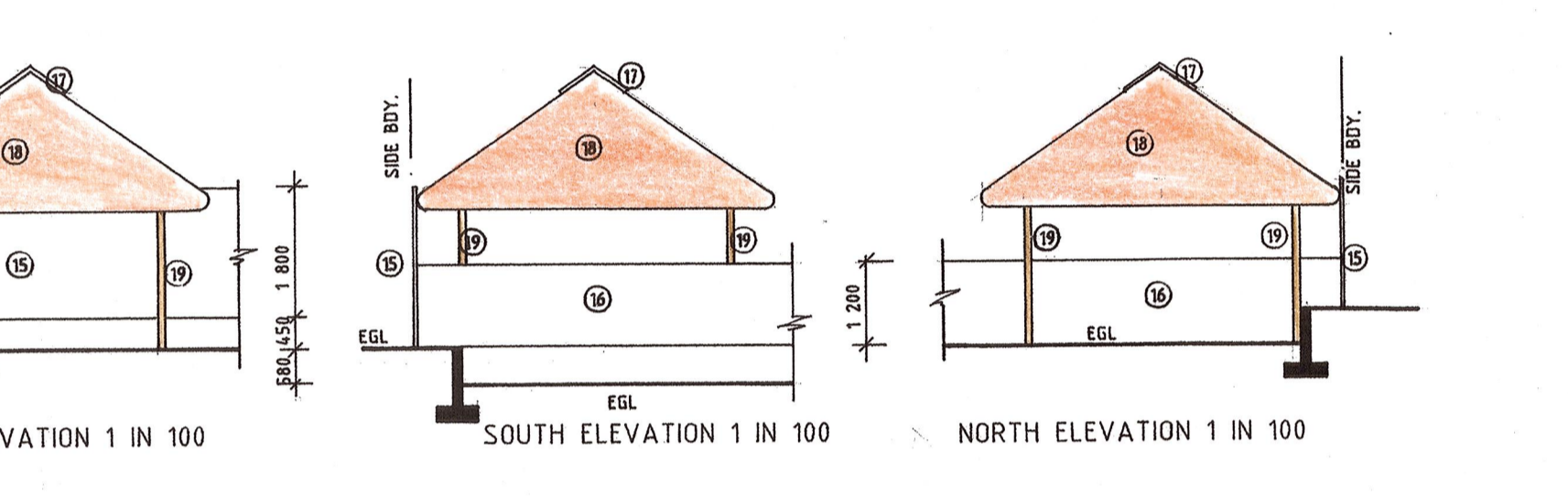
EAST ELEVATION 1 IN 100



WEST ELEVATION 1 IN 100



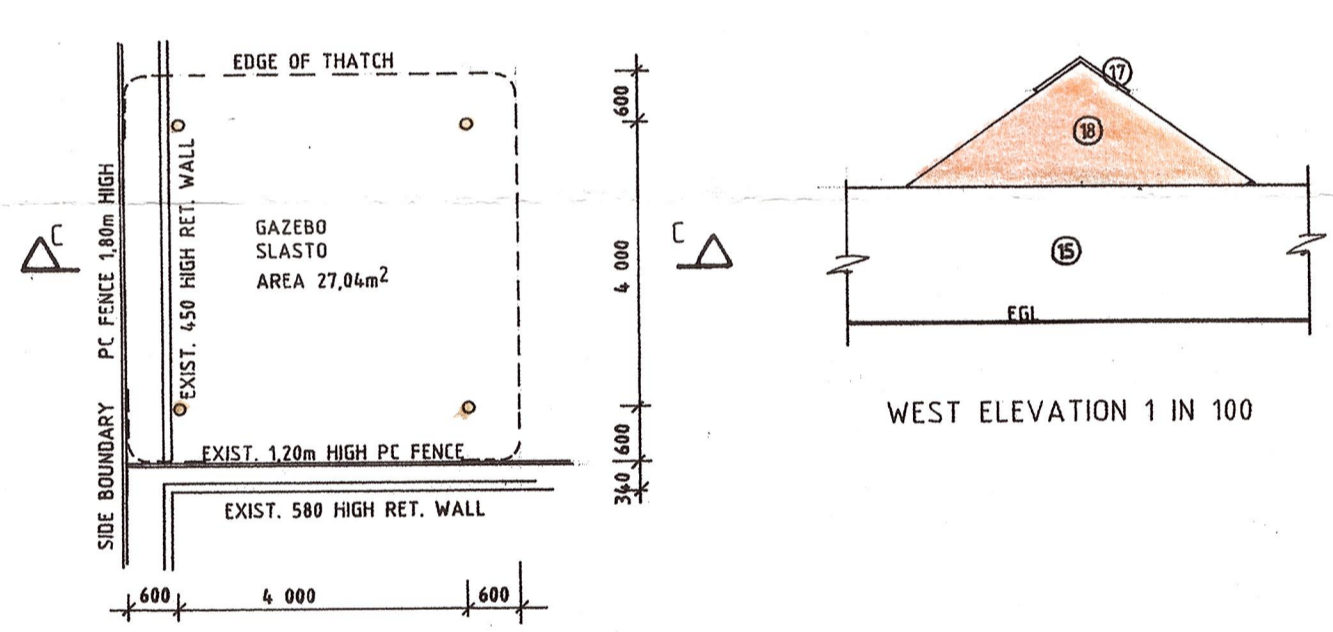
NORTH ELEVATION 1 IN 100



EAST ELEVATION 1 IN 100

SOUTH ELEVATION 1 IN 100

NORTH ELEVATION 1 IN 100



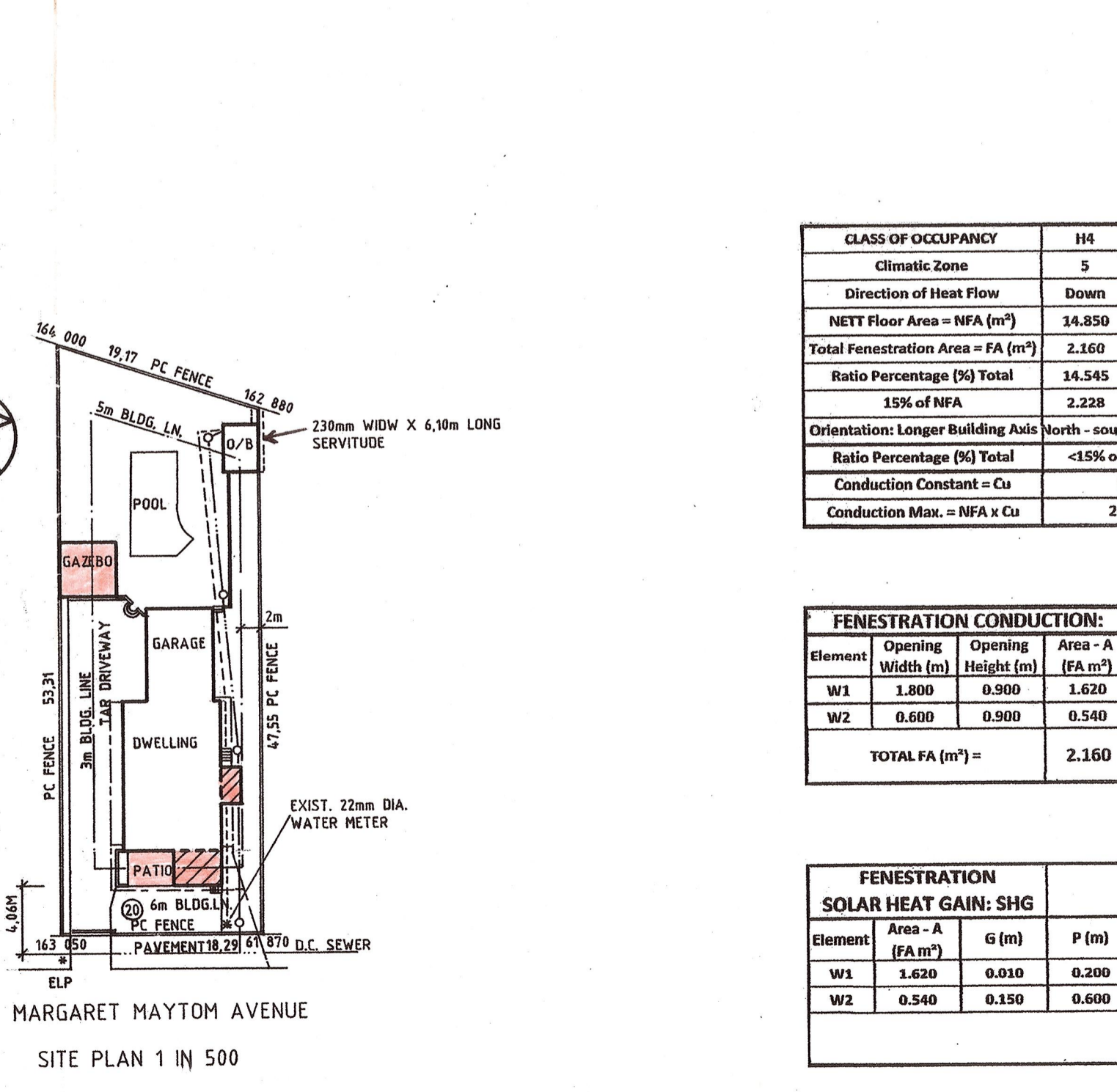
WEST ELEVATION 1 IN 100

BY PR. ENG. - SHOWN THUS (A) TO (Q)

- SIGNING OF SANS 10400 PART A FORM A, THEN FORM 4 ON COMPLETION OF THE PROJECT.
- LETTER OF STABILITY FOR EXISTING WALL WHICH BECOME INCORPORATED INTO THIS PROJECT.
- ALL STRUCTURAL WORK
- BONDING OF EXISTING BRICKWORK TO NEW BRICKWORK.
- CERTIFICATION OF THATCH GAZEBO
- ROOF - ROOF TILES TO MATCH EXISTING
- BEAMS AND LINTOLS - SHOWN AND NOT SHOWN
- SQUARE EXISTING ARCH
- DEMOLISH
- KITCHEN STEPS
- FOUNDATIONS
- BEDDING OF POSTS
- CERTIFY ALUM AWNING BY SPECIALIST.
- FOUNDATION WALLS
- REINFORCED CONC. SLAB BY FIRE ENGINEER
- SIGNING OF SANS 10400 PART 2 FORMS 2 AND 4
- RATIONAL DESIGN FOR THATCH GAZEBO

SCHEDULE - SHOWN THUS (1) TO (22)

- ALL BUILDING MATERIALS AND COMPONENTS TO BE SABS APPROVED.
- ALL WORK TO COMPLY WITH SANS 10400 AND NBR.
- ALL FINISHES TO MATCH EXISTING.
- BARBEBOARD
- EXISTING 100mm DIA. RHP
- PLASTER AND PAINT TO MATCH EXISTING
- RAISED-BRICKWORK-PLASTER-AND-PAINT
- MOVE HARDWOOD DOOR TO NEW POSITION
- D1 - EXISTING SLIDING DOOR TO BE MOVED TO NEW POSITION
- REMOVE FENESTRATION, BRICK UP, PLASTER AND PAINT
- 1m HIGH BALUSTRADE. NO OPENING TO EXCEED 100mm. TO COMPLY WITH SANS 10400 PART D
- REBUILD GARDEN STEPS IN NEW POSITION
- NEW IE
- MOVE EXISTING CHANDELER TO NEW POSITION.
- 12mm COPPER-COLD WATER BRANCH PIPE
- NEW GULLY
- POSITION OF EXISTING GEYSER
- EXISTING 120mm HIGH PC FENCE
- EXISTING 120mm HIGH PC FENCE
- RIDGE CAPPING
- 200mm THICK THATCH
- TREATED GUMPOLE POSTS
- LIFT AND REMOVE ASPHALT FROM FRONT GARDEN.
- FERTILISE AND GRASS.
- 10 DIA PVC RHP FROM AWNING
- ABANDON STORMWATERLINE AND SEAL AAT BOTH ENDS.



MARGARET MAYTOM AVENUE  
 SITE PLAN 1 IN 500

REGISTERED OWNER	NAME	ADDRESS	SIGNATURE
	A. VIDULICH	71 MARGARET MAYTOM AVENUE, DURBAN NORTH	<i>A. Vidulich</i>
	HILTON MURRAY ERY	75 MARGARET MAYTOM AVENUE, DURBAN NORTH	<i>Hilton Murray Ery</i>
	Constance S. Moseley	70 MARGARET MAYTOM AVENUE, DURBAN NORTH	<i>Constance Moseley</i>
	Philo Termini	MARGARET MAYTOM AVENUE, DURBAN NORTH	<i>Philo Termini</i>
	Constance Termini		

NOTES TO OWNER AND CONTRACTOR

- ALL BUILDING MATERIALS AND COMPONENTS TO BE SABS APPROVED.
- LEVELS AND DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCING WORK.
- DIMENSIONS NOT TO BE SCALED FROM DRAWING.
- IN TERMS OF SANS 10400 PART A2.5 A CERTIFIED COPY OF THE APPROVED PLAN IS TO BE AVAILABLE ON SITE UNTIL A LETTER OF OCCUPANCY HAS BEEN ISSUED BY THE LOCAL AUTHORITY.
- IN TERMS OF SANS 10400 PART A2.3 FOUNDATIONS ARE NOT TO BE CONSTRUCTED UNTIL THE TRENCHES HAVE BEEN INSPECTED AND APPROVED BY THE LOCAL AUTHORITY
- IN TERMS OF SANS 10400 PART A.2.5.5 AND A.4, IT IS AN OFFENCE TO DEVIATE FROM THE APPROVED PLAN TO ANY MATERIAL DEGREE AND THE LOCAL AUTHORITY WILL ORDER A STOPPAGE OF WORK DUE TO SUCH A DEVIATION PLAN WILL THEN BE REQUIRED FOR SUBMISSION TO THE LOCAL AUTHORITY FOR APPROVAL, WHICH WILL BE TO THE OWNERS ACCOUNT.
- OWNER AND CONTRACTOR TO COMPLY WITH THE LISTED GLAZING AND FENESTRATION. A CERTIFICATE WILL BE REQUIRED AT THE END OF THE IN ORDER FOR JOAN CAMP TO COMPLETE SANS 10400 PART A FORM 4.
- WORK MAY NOT COMMENCE PRIOR TO THE PLAN BEING APPROVED BY THE LOCAL AUTHORITY.
- SUPERVISION BY THE LOCAL AUTHORITY IS NOT INCLUDED.

SITE OPERATIONS - CONTRACTOR PLEASE NOTE

- EXISTING DEVELOPED SITE WITH BOUNDARY WALLS/FENCES
- EXISTING SANITARY FACILITIES AVAILABLE
- NO CONSTRUCTION TO TAKE PLACE ON SUNDAYS OR PUBLIC HOLIDAYS.
- NO CONSTRUCTION TO TAKE PLACE BEFORE 06:00 OR AFTER 17:00 ON ANY SATURDAY.
- NO CONSTRUCTION TO TAKE PLACE BEFORE 06:00 OR AFTER 18:00 ON ANY OTHER DAY.
- CONTRACTOR TO CONTROL STAFF REGARDING NOISE LEVELS
- SITE TO BE CLEANED AT REGULAR INTERVALS.
- CONTRACTOR AND OWNER TO COMPLY WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT.
- ALL THE ABOVE TO COMPLY WITH SANS 10400 PART F.

SCHEDULE OF AREAS

AREA	AREA (m <sup>2</sup> )
AREA OF SITE	922
PERMITTED COVERAGE	368.8
PERMITTED FAR	371.9
EXISTING COVERAGE	192.52
EXISTING FAR	192.52
PROPOSED COVERAGE	47.65
PROPOSED FAR	47.65
NEW TOTAL COVERAGE	240.17
NEW TOTAL FAR	240.17
COVERAGE IN HAND FAR IN HAND	128.33
COVERAGE IN HAND FAR IN HAND	128.33
FOR THIS APPLICATION	47.17

CLASS OF OCCUPANCY	H4	SANS 'R' Table 1 Pg 43 & 44	SHGC Table 6 Pg 14
Climatic Zone	5	SANS 204 Fig A1 Pg 30	Table 6 Pg 14
Direction of Heat Flow	Down	SANS 204 Table 20 Pg 26	Figure 3 Pg 16
NETT Floor Area = NFA (m <sup>2</sup> )	14,850	SEE FLOOR PLAN/S	Figure 3 Pg 16
Total Fenestration Area = FA (m <sup>2</sup> )	2,160	SEE FENESTRATION CONDUCTION CALCS.	Figure 4 Pg 17
Ratio Percentage (%) Total	14.545	FA/NFAx100 (m <sup>2</sup> )	ELEMENT HEIGHT + G (m)
15% of NFA	2,228	NFA x 0.15 (m <sup>2</sup> )	E Table CS Pg 42
Orientation: Longer Building Axis	North - south	SEE SITE AND/OR FLOOR PLAN/S	
Ratio Percentage (%) Total	<15% of NFA complies with SANS 204 and > 15% of NFA must comply with SANS 204 by calculations		
Conduction Constant = C <sub>u</sub>	1.40	SHGC constant = C <sub>chgc</sub>	0.11
Conduction Max. = NFA x C <sub>u</sub>	20,790	Solar Heat Gain Max = NFA x C <sub>chgc</sub>	1,634

FENESTRATION CONDUCTION:	Width and Height = Element Dimensions / U and SHGC = SANS 204 Table 6 Pg 14								
Element	Opening Width (m)	Opening Height (m)	Area - A (FA m <sup>2</sup> )	Glazing Description Table 6	Frame Description	Glass Thk (mm)	U w/m <sup>2</sup> K	SHGC	Conduction = A x U
W1	1.800	0.900	1.620	single clear	aluminium	4mm	7.90	0.81	12.798
W2	0.600	0.900	0.540	single clear	aluminium	4mm	7.90	0.81	4.266
TOTAL FA (m <sup>2</sup> ) =			2,160					TOTAL CONDUCTION =	17,064
								Max. Conduction Permissible =	20,790

FENESTRATION SOLAR HEAT GAIN: SHG									
P and H and G = SANS 204 Figure 3 & 4 Pg 16 and 17 / E = SANS 204 Table CS Pg 42 / If G > 500: USE % OF P VALUE									
Element	Area - A (FA m <sup>2</sup> )	G (m)	P (m)	H = Ht + G (m)	P/H	Orientation	SHGC	E (m <sup>2</sup> )	A x SHGC x E
W1	1,620	0,010	0,200	0,910	0,220	east	0,81	0,98	1,286
W2	0,540	0,150	0,600	1,050	0,571	south	0,81	0,35	0,153
							TOTAL SOLAR HEAT GAIN =	1,439	
							Max. SHG Permissible =	1,634	

PROPOSED ALTERATIONS AND ADDITIONS  
 FOR  
 MR. M.W. & MRS. D.J. HERON,  
 73 MARGARET MAYTOM AVENUE,  
 DURBAN NORTH  
 ON  
 PORTION 244 OF ERF 3193 DURBAN NORTH

THIS PLAN IS DRAWN IN ACCORDANCE WITH CLIENTS INSTRUCTIONS

OWNERS SIGNATURES: *B. Heron* PHONE: 0834598233 HR. 0313086200 WK.

OCCUPANCY H4 AGE BUILT 1951 NO PLAN AVAILABLE FROM REGISTRY

DRAWN BY: JOAN CAMP, 16 ELDERBERRY DRIVE, GLENHILLS, 4051 PHONE/FAX 0315732460 CELL 0837526011 E-MAIL: camp\_j@absamail.co.za Prof. Snr. Arch. Prof. Reg. No. ST0238

DATE: DECEMBER 2015 SCALES: 1 IN 100, 1 IN 500

Joan Camp  
 DRAWING NO. HERON 12-2015