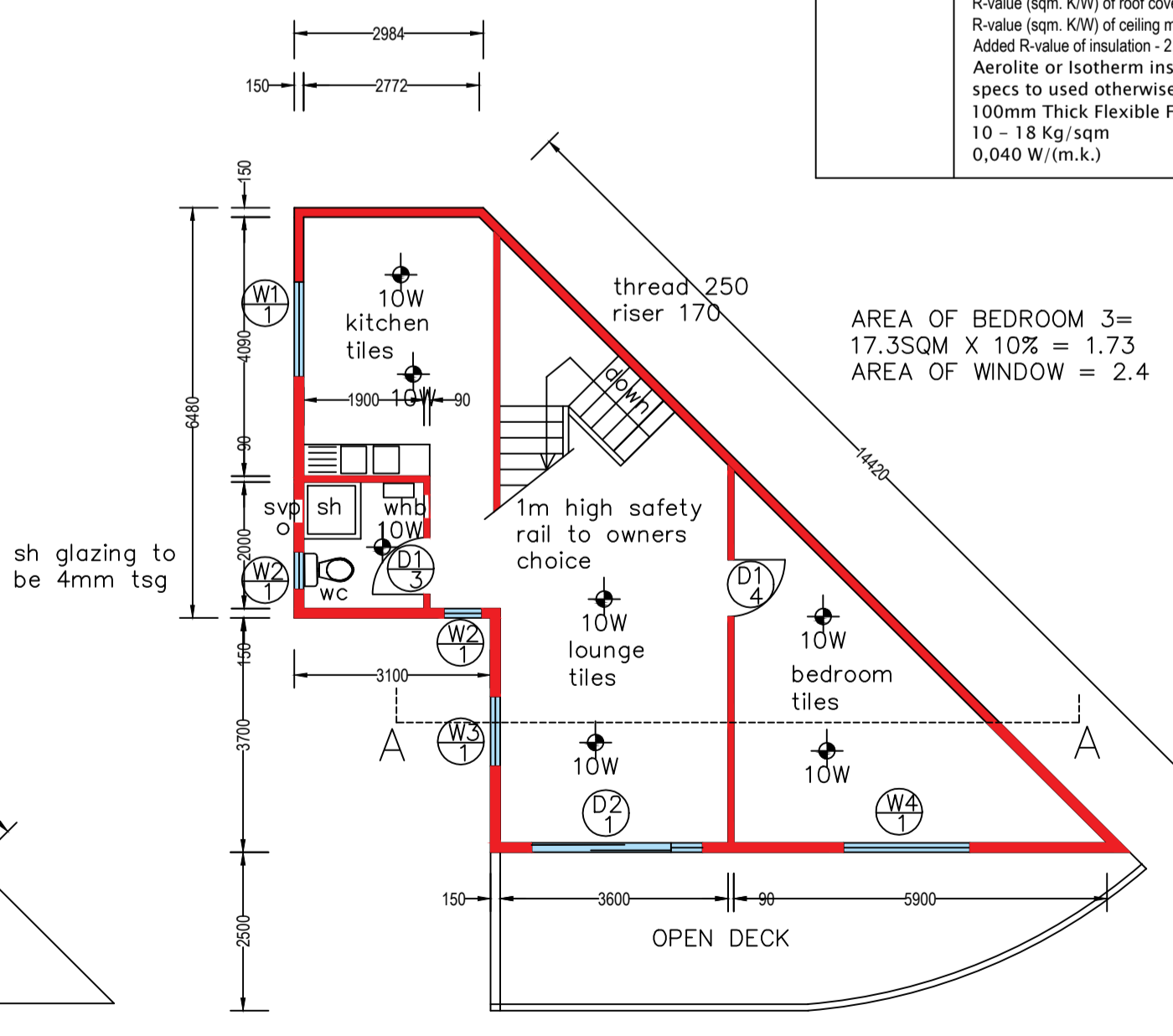
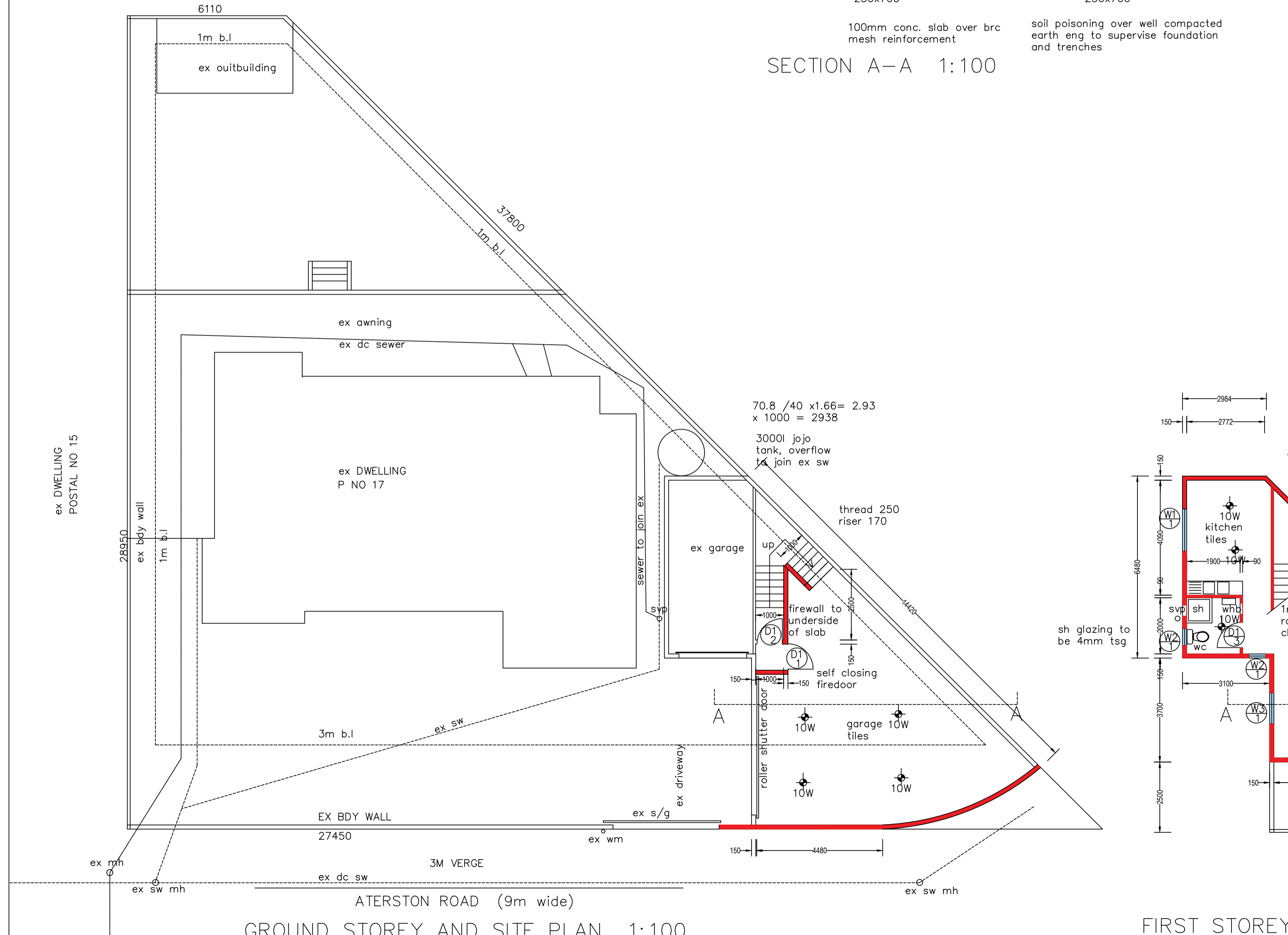


DOOR SCHEDULE		AREA 5.67	2700	600	2100	900
DOOR TYPE:	Standard approved 2700x2100x4mm aluminium door with 600mm side light	s/d 4mm tsg		Standard approved 900x2100x44mm solid flush timber door with approved veneer both sides and two edge strips.		
DOOR CODE:	D2	D1				
QUANTITY:	1	4				
GLAZING:	4mm tsg	NONE				

WINDOW SCHEDULE		area of window= 1.5	area of window= .54	area of window= 1.21	area of window= 2.4
WINDOW TYPE:	1500mm x 1000mm aluminium window	600x900mm aluminium window	1100x1100 mm aluminium window	1200 x 1200 mm aluminium window	
WINDOW CODE:	W1	W2	W3	W4	
QUANTITY:	1	2	1	1	
FRAME:	aluminum frame	aluminum frame	aluminum frame	aluminum frame	
GLAZING:	4mm monolithic annelad	4mm safety glass	4mm monolithic annelad	4mm monolithic annelad	



CONDUCTANCE COMPLIANCE		ENERGY COMPLIANCE	
PART XA COMPLIANCE - CLIMATIC ZONE 5		ANCILLARY UNIT	
Fenestration	Net Building area ancillary unit 64.8sqm x 20% = 12.96sqm Glazing area 11.86sqm	bedroom	20W
Under floor Heating	Not applicable in proposal	garage	40W
Geysers Tank 150L	Hot water service pipes (-800) to be clad with insulation with a min R-value of 1.00	lounge	20W
Heat Pump	THERMOWISE GT-SKR0308 (10KW) Please refer to specifications attached.	kitchen	20W
Hot Water Supply	Required 60 Ltrs/day	bath	10W
Complies	120 Ltrs/day	TOTAL	70W
Shading	Vertical height values (H) are indicated on elevations. Horizontal projection value (P) is 600mm. Single leaf min. 140mm with plaster inside and render outside as per SANS 10400 Part XA 4.4.3.2	ENERGY DEMAND	
Walls	Min. required total R-value (sqm. KW) - 2.7	129.6SQM X 5W = 648KW/p.a max	
Roofing	Direction of heat flow - Down R-value (sqm. KW) of roof covering material - 0.48 R-value (sqm. KW) of ceiling material - 0.05 Added R-value of insulation - 2.17 Aerolite or Isotherm insulation product with required specs to used otherwise similar. 100mm Thick Flexible Fibre Glass Blanket. 10 - 18 Kg/sqm 0,040 W/(m.k.)	ENERGY CONSUMPTION- SECOND DWELLING	
		TOTAL WATTS	200750
		HOURS / DAY	5
		DAYS / YR	365
		TOTAL	200750
		200750w / 1000 = 200.75kw	
		219kw < 648kw COMPLIES	

1. 2 vermin proofed air bricks to be
 2. all glazing to comply with part N SANS 10400
 3. windows to be aluminium
 4. all foundations to be 1m clear of dc services
 5. no part of bdy wall or foundation to encroach over bdy
 6. drawing to be read in conjunction with eng.
 7. barge and fascia boards to be provided
 8. plan to comply with SANS 10400
 9. all dimensions and levels to be checked on site before commencement of work. any discrepancies should be brought to the authors attention
 10. bdy beacons to be exposed before starting work
 11. conc. roof tiles on 38x38 battens on pvc underlay on 114x38 trusses on 114x38mm timber wall plate
 12. retaining wall to engineers drawing
 13. walls and lintels to engineers specs
 14. roof and roof specs to engineers
 16. plan is for submission purposes only
 17. do not scale of the drawing
 18. all municipal services to be exposed, before connection
- ALL LEVELS AND DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORK, ANY DISCREPANCIES SHOULD BE BROUGHT TO THE AUTHORS ATTENTION IMMEDIATELY

AREA SCHEDULE

SITE AREA	590
EX COV	168.9
PROP COVERAGE	71.74SQM
TOTAL COVERAGE	240.64

OWNER'S SIGNATURE *R. MOTTAI*

PROPOSED GARAGE AND ANCILLARY UNIT FOR MRS R MOTTAI 17 ATHERSTON PLACE MOBENI

CAD DESCRIPTION
ERF 207 MOBENI

SUBMISSION PLAN

DRAWING NO SD 001	DRAWN NS	DATE 12/09/2022
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SACAP REG NO. D0872 *Nishara*

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ph 073 2054645*