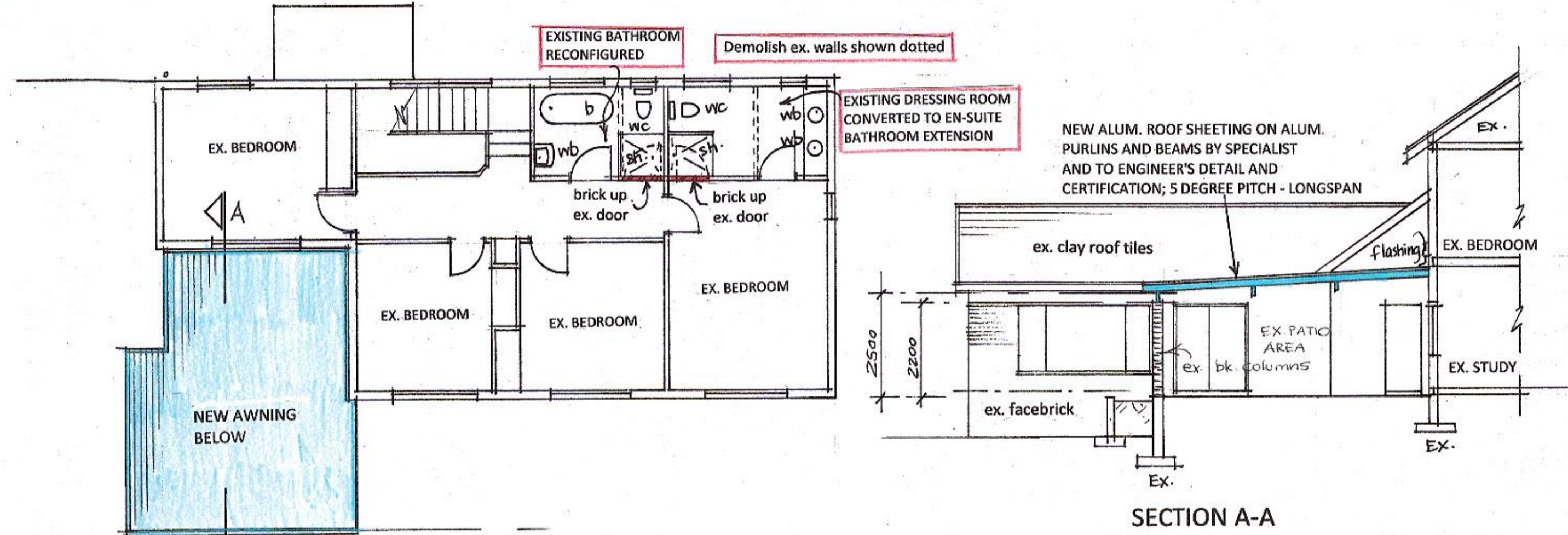


SOUTH EAST ELEVATION

WATER RETICULATION - MAIN DWELLING :
 CLASS OF OCCUPANCY H3
 DESIGN POPULATION 8 PERSONS
 HOT WATER DEMAND 115 litres/person/day x 7
 = 230 litres/day
 HOT WATER STORAGE VOLUME AT 60 DEGREES C (20% HEAT LOSS)
 HOT WATER STORAGE 40 LITRES/CAPITA x 8 PERSONS
 = 320 litres
 20% HEAT LOSS ALLOWANCE 80 litres
 HOT WATER STORAGE REQUIRED AT 60 DEGREES C
 = 320L + 80L
 = 400L
 POWER REQUIRED TO HEAT VOLUME OF WATER REQUIRED :
 HOT WATER STORAGE REQUIRED AT 60 deg C = 400L
 $Q = (M \times C \times T) / t$
 $Q = (0.40 \times 1.16 \text{ kWh/m}^3 \text{ deg C} \times (60 - 20 \text{ deg})) / 2.5 \text{ h}$
 $Q = 7.4 \text{ kW}$
NOTE - SUPPLY OF WATER TO COMPLY WITH SANS 10400- PART W

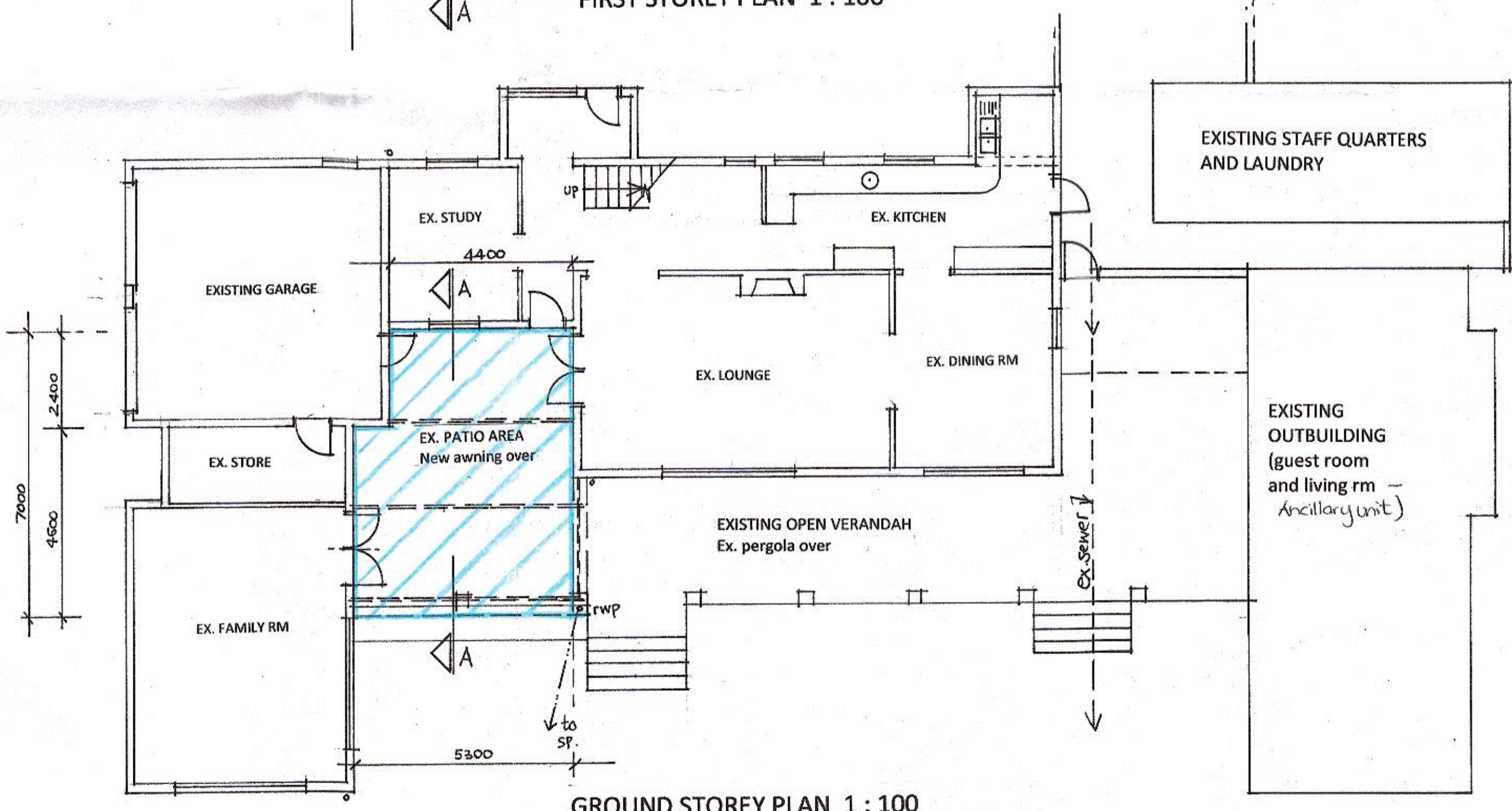
GENERAL NOTES :
 ALL LEVELS AND DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR BEFORE COMMENCING WORK.
 REINFORCED BRICKWORK WITH SOLID JOINTS IN CEMENT MORTAR IN ALL WALLS AT WINDOW SILL AND ROOF PLATE LEVELS.
 ALL NEW WATER PIPES TO BE 22mm Ø COPPER PIPING.
 FLOORS IN BATHROOM, LAUNDRY AND KITCHEN TO COMPLY WITH SANS 10400 - PART J 4.2.
 ALL PLUMBING TO COMPLY WITH SANS 10400- PART P.
 LIGHTING AND VENTILATION TO COMPLY WITH SANS 10400- PART O.
 GUTTERS AND DOWNPIPES TO COMPLY WITH SANS 10400- PART R.
 FLASHING TO BE PROVIDED AS PER SANS 10400-PART L.
 SUPPLY OF WATER TO COMPLY WITH SANS10400 PART W.



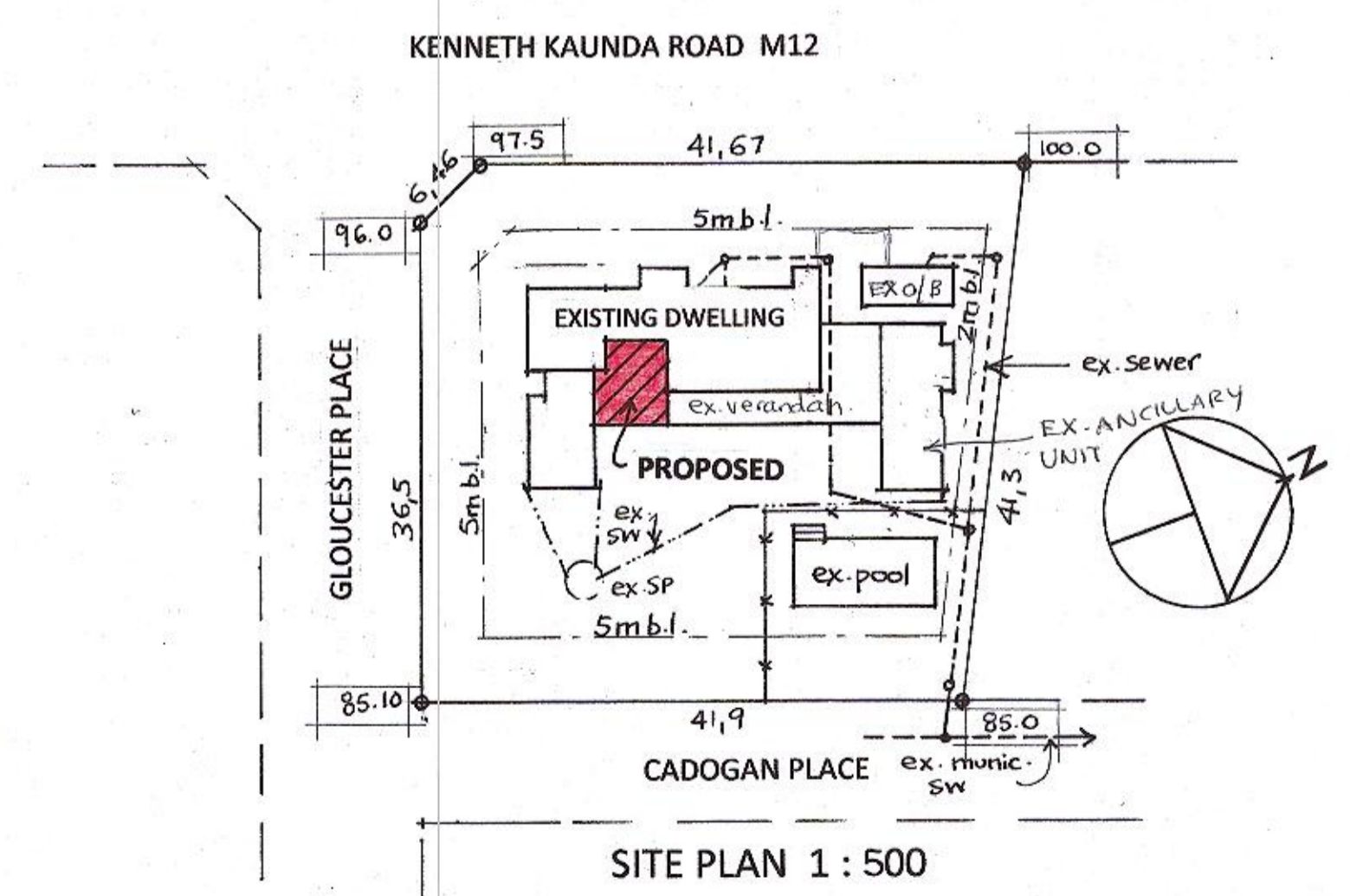
FIRST STOREY PLAN 1 : 100

SECTION A-A

SCHEDULE OF AREAS : m ²	
SITE AREA =	1804m ²
ALLOWABLE COVERAGE	902 (50%)
ALLOWABLE F.A.R.	N/A
EXISTING COVERAGE	300,4
PROPOSED COVERAGE	35,8
NEW TOTAL COVERAGE	336,2
AVAILABLE COVERAGE	565,8
EXISTING F.A.R.	369,04
PROPOSED F.A.R.	0
NEW TOTAL F.A.R.	369,04
AVAILABLE F.A.R.	N/A
FOR THIS APPLICATION - NEW AREA = Nil m ²	



GROUND STOREY PLAN 1 : 100



SITE PLAN 1 : 500

DRAWING No. 07 09 23
PROPOSED ALTERATIONS TO EXISTING DWELLING AND NEW AWNING FOR : Mark Addison
 164 KENNETH KAUNDA ROAD
 LOT 1771 DURBAN NORTH
 DRAWN BY M. VAN BREEMEN
 DATE September 2023
 SCALES 1:100 1:500
 SIGNED *[Signature]*
 OWNER'S SIGNATURE *[Signature]*
 OWNER'S PHONE NO. 0825650447
ARCHITECTURAL PLANS
 25 BEACHWAY, DURBAN NORTH, 4051
 PH. 073 1735815
 EMAIL - michelle-arch1@outlook.com
 REGISTRATION NO. ST1451
 M. SACAP M. SAJAT