

NOTE R on PLAN
GEYSER
 Service duct and geyser position
 Geyser in horizontal position with SANS approved
 geyser blanket R value 2
PIPING INSULATION
 All hot water pipes (copper) are to be embedded in wall, all
 exposed hot water pipes to and from hot water cylinders
 to be insulated with pipe insulation - ecolflex SANS approved
 pipe insulation

NOTE S on PLAN
SOLAR PANEL position.
 Support and fixing to
 structural Engineers detail.

REFER TO ATTACHED BOOKLET
 FOR XA CALCULATIONS

JOJO TANK
STORMWATER CALCULATION

TANKS

- 5,500litre VERTICAL TANK; diameter: 1900mm
 height: 2,240mm; quantity: 2
- 2,700litre VERTICAL TANK; diameter: 1420mm
 height: 1,860mm; quantity: 1

SITE AREA: 690,00m² (40% = 276m²)
 TOTAL COVERAGE: 338,507m² + HARDENED AREA: 252,655m²
 = 591,162m² - 40% (276m²) =
 = TOTAL AREA to be collected by Tanks = 315,162m²

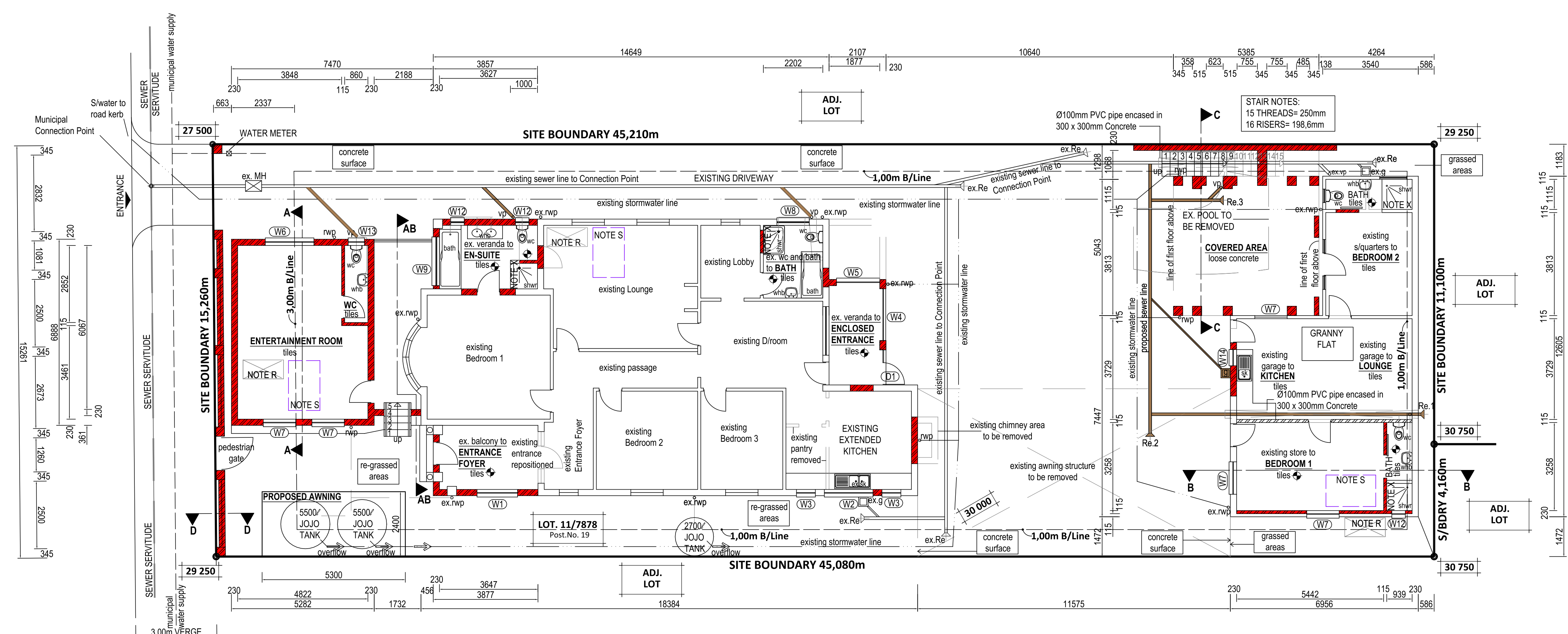
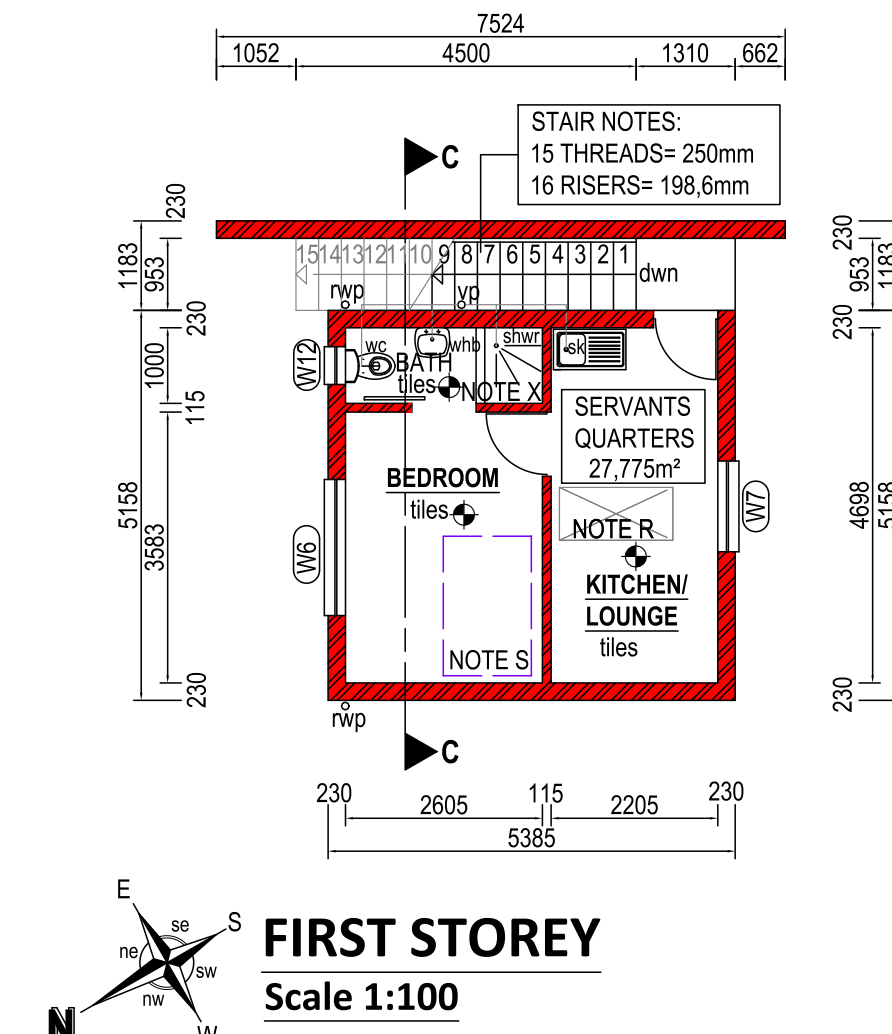
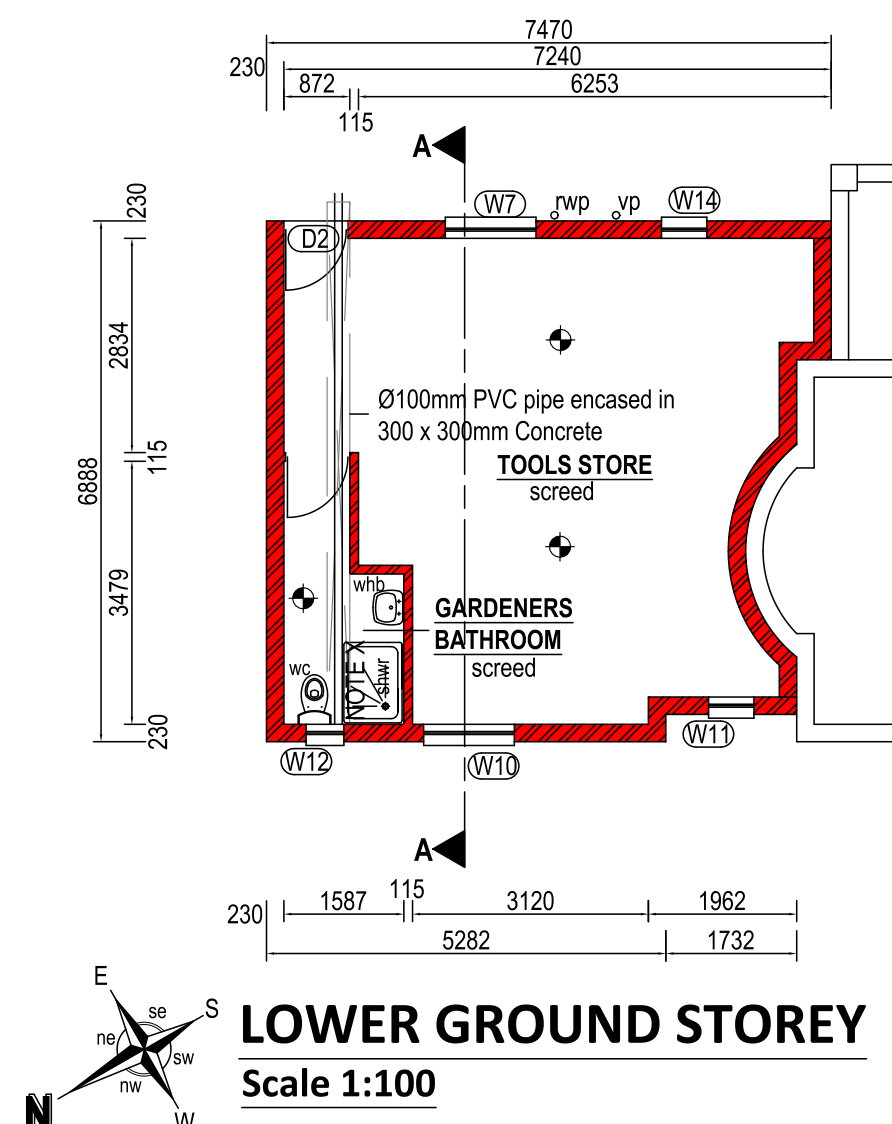
315,162m² + 40m² = 7,879m³
 7,879m³ x 1,67 = 13,158 litre Tank

13,158 litre x 0,6 = 7,894m³

VOLUME = 60% REQUIRED
 EXISTING IN TANK 40% EXISTING IN TANK

WATER TO BE USED FOR WASHING MOTOR VEHICLES,
 PLANTS AND GENERAL CLEANING.
 OVERFLOW TO BE DISCHARGED INTO SOAKWAWY

SCHEDULE OF AREAS	m ²
ZONING: SR 400	
AREA OF SITE	690,000m ²
EXISTING FAR	245,210m ²
EXISTING COVERAGE	245,210m ²
PROPOSED FAR	169,586m²
PROPOSED COVERAGE	93,297m ²
NEW TOTAL FAR	414,796m ²
NEW TOTAL COVERAGE	338,507m ²



PROJECT: ADD/ALT TO MAIN DWELLING, G/FLAT, S/QUARTERS, STORE AND ENTERTAINMENT AREA

SITE DESCRIPTION: Portion 11 of 7878, GLENWOOD, DURBAN

OWNER: B A RINDEL
 Signature: *B. Rindel*
 Date: 7 OCT 2022

ADDRESS: 19 TUNMER ROAD, GLENWOOD, DURBAN

F R S DESIGN
 389 Umhlangane Road, Durban. Phone: (031) 5646770
 Avoca, Durban. Cell: 082 3705 805

DRAWN: Mr FR Suleman
DATE: 11 SEPT 2022
SCALE: As Shown
SACAP REGISTRATION NUMBER: T0526

NAME OF OWNER:	STREET ADDRESS:	I.D NUMBER:	TEL / CELL NUMBER	SIGNATURE

RATE NUMBER:

DRAWING NUMBER: F2209-002 MD R001/00 **SHEET 1 of 3** excl. WR dwg