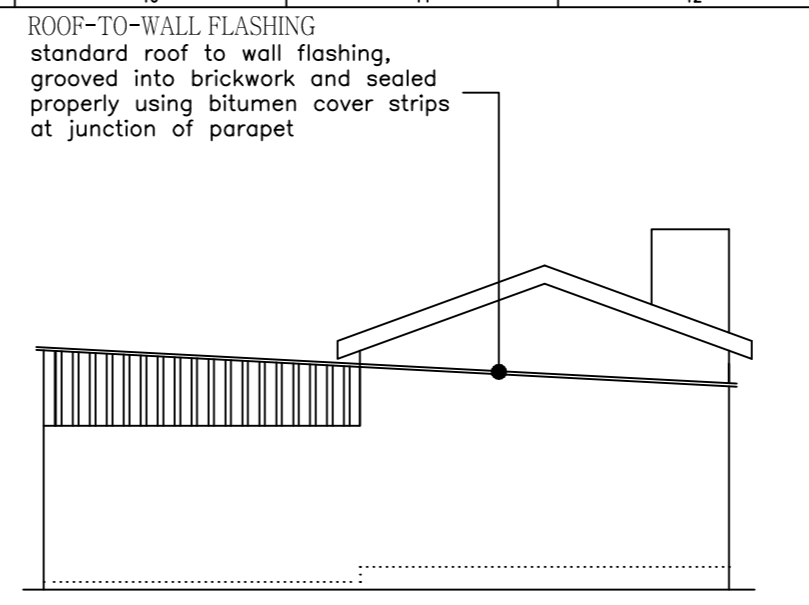
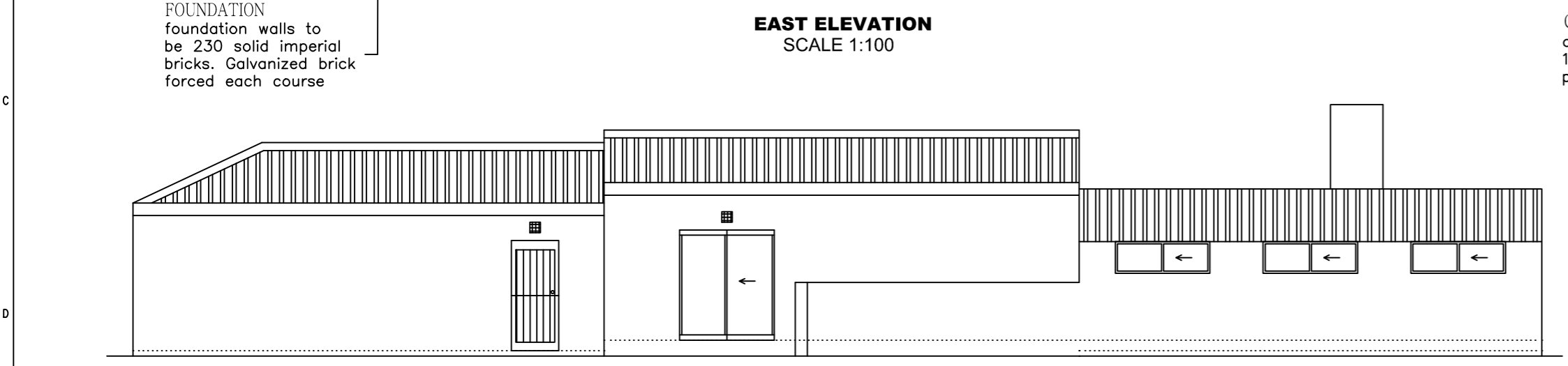


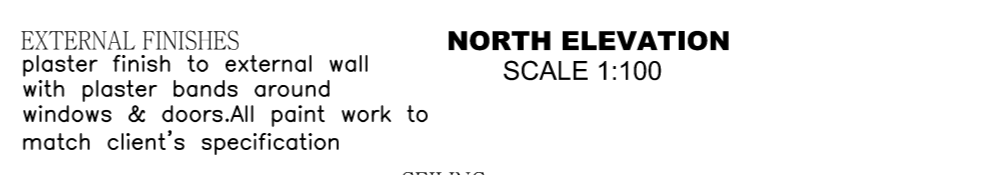
EAST ELEVATION
SCALE 1:100



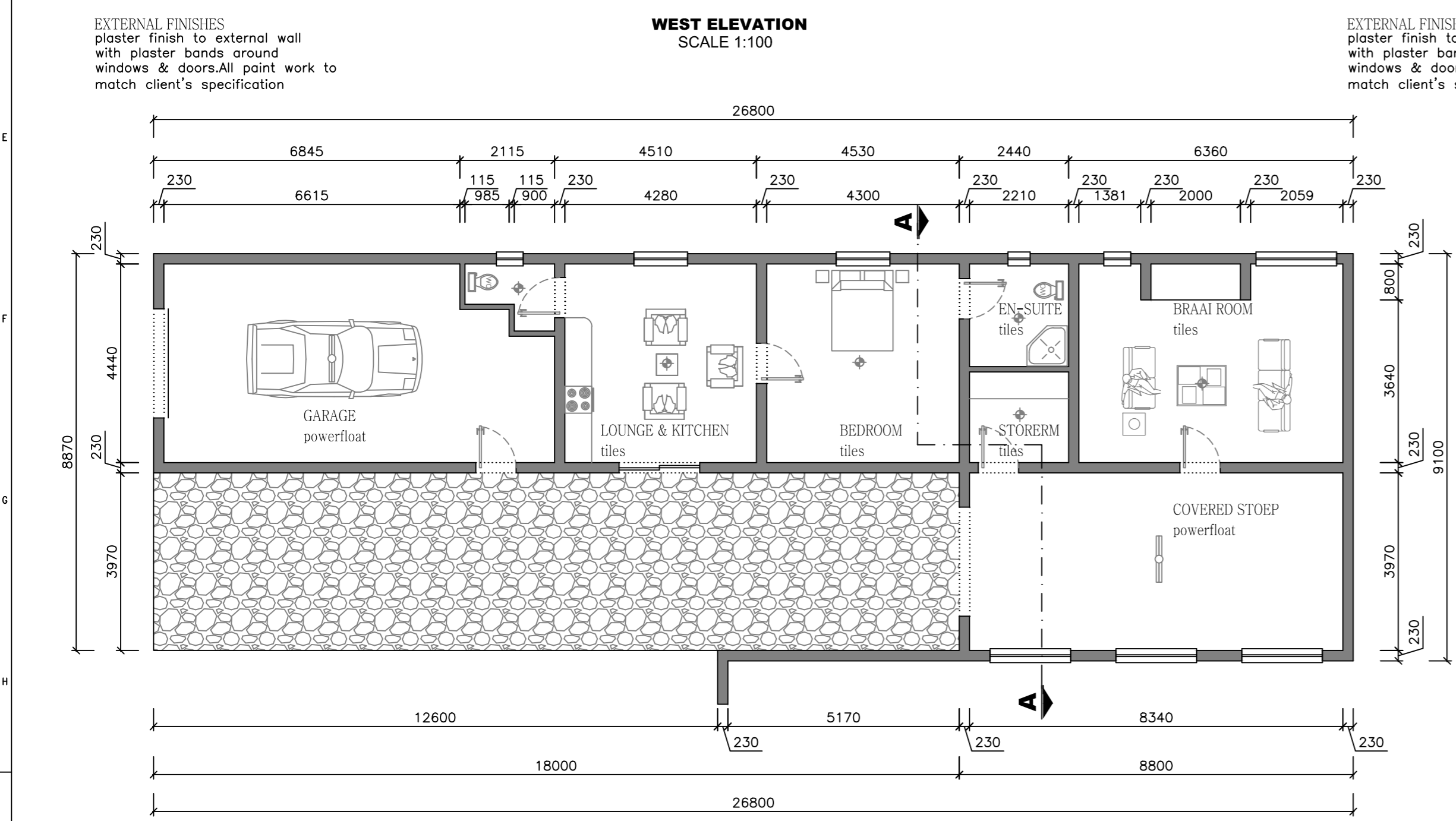
SOUTH ELEVATION
SCALE 1:100



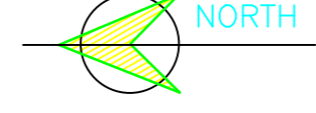
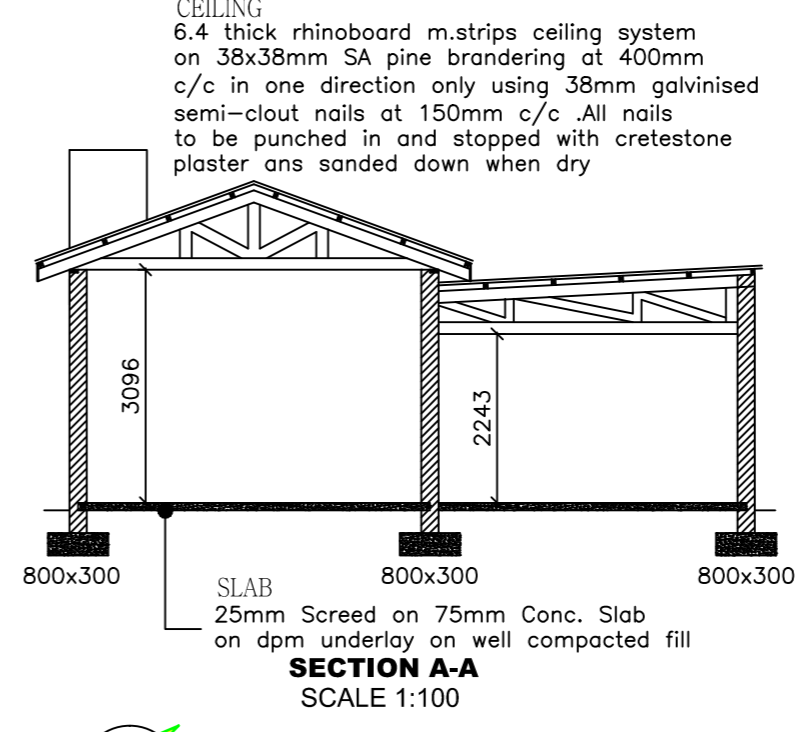
WEST ELEVATION
SCALE 1:100



NORTH ELEVATION
SCALE 1:100



FLOOR PLAN
SCALE 1:100



NOTE: 230 double wall plastered and painted both sides in compliance with SANS 10400 XA 4.4.3.2(a) R-value 0.49
Floor surface bed to get mesh reinforcing Mesh Ref: 193"
All site levels to be established and approved on-site. All steps to suit site levels and all risers to steps to be equal

SPECIFICATIONS

- ROOF :**
- CORRUGATED ROOF SHEETS AT ON 75x50mm PURLINS @ 600 CENTRES ON SABS APPROVED UNDERLAY ON PRE-MANUFACTURED TRUSSES ON 114x38 WALL PLATES TIED DOWN WITH GALV. HOOP IRON STRAPS EMBEDDED 600mm DEEP INTO BRICKWORK.
 - ALL PORTIONS OF STRUCTURAL TIMBER BUILT INTO WALLS TO BE WELL TARRED, CREOSOTED OR EMBEDDED IN A DAMP PROOF MEMBRANE. 135 ISOTHERMAL TO ENTIRE ROOF AREA.
- CEILINGS :**
- 6mm RHINO BOARD CEILING FIXED TO 38x38 PURLINS TO TRUSSES WITH STANDARD 76mm COVER CORNICE.
 - ALL CEILINGS TO BE SKIMMED AND PAINTED WHITE.
- BRICKWORK :**
- 280mm CAVITY WALLS WITH CAVITIES FILLED WITH CONCRETE UP TO DPM.
 - INTERNAL AND EXTERNAL WALLS TO BE SMOOTH PLASTERED AND PAINTED WHITE.
 - AIR-BRICKS TO ALL ROOMS.
 - GALVANIZED BRICKFORCE EVERY 4 CORSES AND ABOVE ALL LINTOLS.
 - A min. OF 5 GALVANIZED BUTTERFLY TIES PER m2.
- LINTELS:**
- PRE-STRESSED CONC. LINTELS OVER ALL OPENINGS
 - LINTELS TO BE SUPPORTED FOR A MIN. OF 5 DAYS.
- WINDOWS :**
- ALL NEW WINDOWS AS PER "KENZO ALUMINIUM" PRODUCTS.
 - ALL GLASS IN EXCESS OF 1m OR LESS THAN 500mm ABOVE FLOOR LEVEL TO BE 4mm SAFETY GLASS
 - D.P.C. PLACED UNDER ALL WINDOW SILLS
 - ALL GLASS TO BE ASSEMBLED AND FITTED BY A GLAZING SPECIALIST OR WINDOWS SUPPLIED GLAZIER.
- EXTERNAL MERANTI SOLID DOOR & FRAME - WEATHER TREATED OR PAINTED.
- ALUMINIUM SLIDINGS DOOR - COLOUR : NATURAL
- INTERNAL DOORS - HOLLOW CORE DOOR & WOODEN FRAME.
- ALL STANDARD DOOR SIZE OF 813mm WIDE x 2032 HIGH
- DRAINAGE :**
- Ø125mm HALFROUND PVC GUTTERS WITH Ø76mm DOWNPIPES (VENT PIPES = Ø50mm, STUB STACK STYLE)
 - ALL COVER LEVELS TO BE A MIN OF 76mm ABOVE THE BOUNDARY LEVEL.
 - ALL PVC PIPING BENEATH DRIVEWAYS OR FOUNDATIONS TO BE ENCASED IN CONCRETE.

WINDOW SCHEDULE

Window schedule	
M/S WINDOW	
No. OFF	
Glazed Area	

GENERAL NOTES : (IF APPLICABLE)

- LAY OVER ALL OPENINGS NO.2 "STRESSO" RCID LINTELS WITH A MIN. BEARING AT EACH END OF 230mm SUPPORTED IN CENTRE FOR 5-14 DAYS. LAY "BRICKFORCE" TO LINTELS MANUFACTURERS SPEC. MIN 4 CORSES.
- ANY FOOTINGS WITHIN 1,2m OF ANY DRAINLINE IS TO BE BELOW SAME.
- GULLEY RIMS TO BE NOT LESS THAN 150mm ABOVE THE FINISHED SURROUNDING GROUND LEVEL AND NOT LESS THAN 150mm BELOW THE CROWN OF THE LOWEST TRAP SERVING ANY SANITARY FIXTURE.
- DPC. TO BE MIN. 150mm ABOVE NATURAL GROUND LEVEL OR AS PER EXISTING.
- ALL WORK TO BE DONE IN ACCORDANCE WITH LOCAL AUTHORITY BYE LAWS/SANS 10400 NATIONAL BUILDING REGULATIONS.

Drawn : G.F.KUHN 20 Jul' 2023
Pr.ArchT Size : A2
Reg. # T1246

FLOOR PLAN ELEVATIONS & SECTION

AS-BUILT DRAWINGS FOR:

Mr. Kitshoff
Erf 67, HOOG STREET
PIKETBERG

ELECTRICAL LEGEND

	14W LED LIGHT
	2x30W LED COOL LAMPS
	ONE WAY SWITCH
	TWO WAY SWITCH
	ELECTRICAL D.B.

AREA SCHEDULE

ERF 67	:	1330 m ²
EXISTING		
DWELLING :		184 m ²
OUTBUILDING :		168 m ²
TOTAL :		352 m ²
TOTAL % COVERAGE :		26%

ENERGY EFFICIENCY : COMPLIANCE TO SANS 10400 (XA)

ROOF ASSEMBLY - R-VALUE = 3.7

THERMAL ISOLATION : 3,37
CORRUGATED SHEET: 0,30
CEILING : 0,05
COMPLIANCE : 3,70 COMPLIANT

FENESTRATION - 15% OF NET AREA

NET FLOOR AREA : 168 m²
GLAZED AREA : 10 m²
5% - COMPLIANT

HOT WATER

DEMAND : 2 PERSONS/BEDROOM = 2 x 1 BEDROOMS x 80 L/DAY = 160 L/DAY
50 % BY ELECTRICITY
50 % BY MEANS OTHER THAN ELECTRICAL RESISTANT HEATING

DEMAND - 5 W/m² x 168m² = 840W
(2x60)+(5x14W) LAMPS = 190W
190W/168 m² = 1.1W/m² COMPLIANT

CONSUME 5kW.h./m.² x 168 m² = 840kWha
17:00-23:00 day/year = 2184 h.a
LAMP 0.84 x 2184h.a = 1834kWh.a