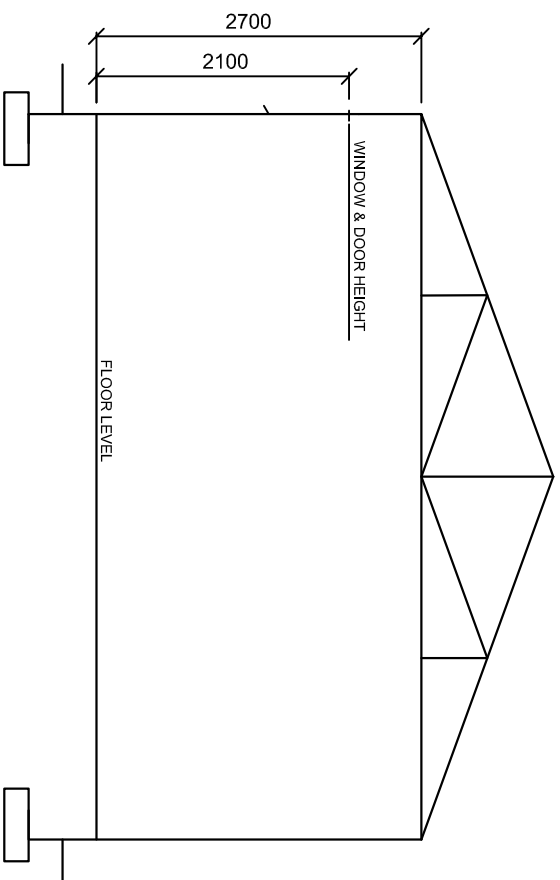
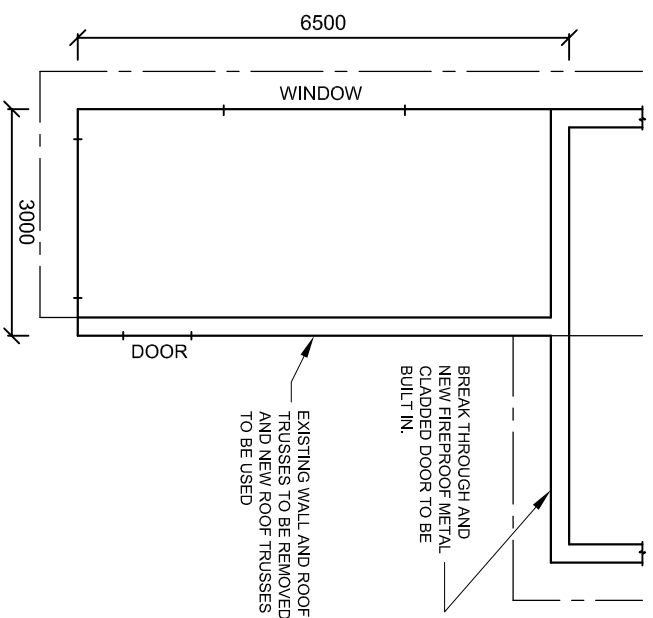











EXISTING SINGLE GARAGE

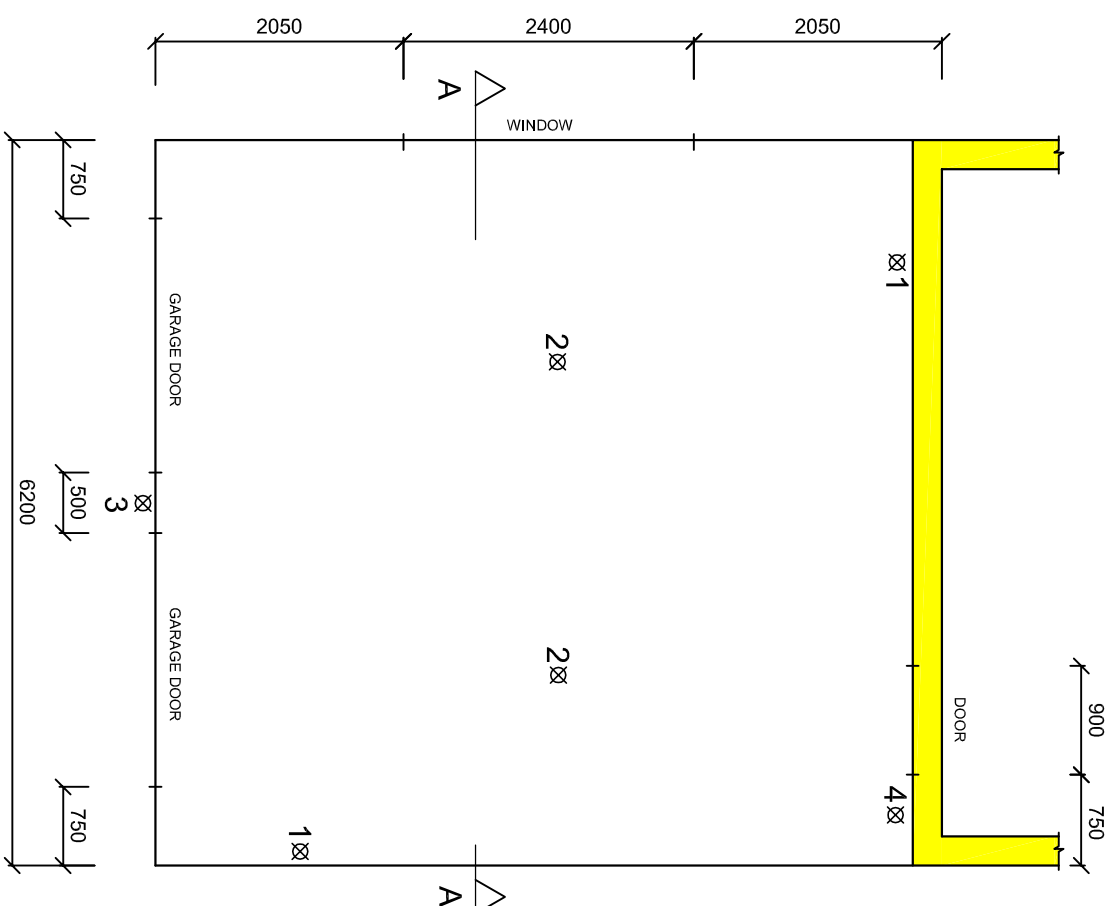
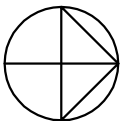


PROPOSED NEW DOUBLE GARAGE

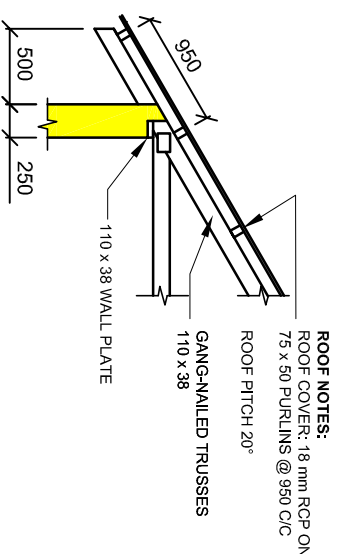


ELECTRICAL LEGENDS

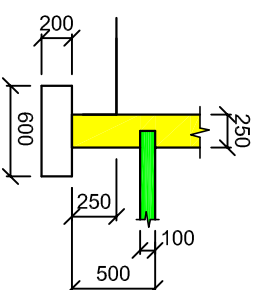
| LIGHTS | SWITCHES |
|--|--|
|  OR  OF  OR  OF |     |
|  | |



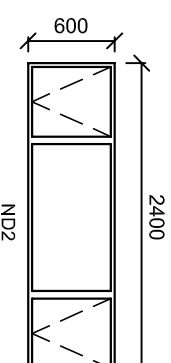
INCOMPLETE ROOF DETAIL



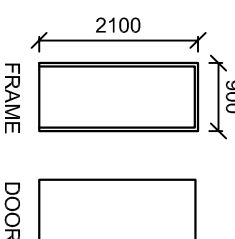
INCOMPLETE FOUNDATION DETAIL



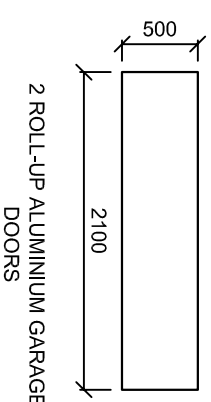
WINDOW DETAIL



DOOR FRAME
STANDARD, FIREPROOF,
METAL CLADDED HARDWOOD



GARAGE DOOR



ELECTRICAL FEATURES

1. 2 x SWITCHED SOCKET OUTLET
2. 2 x 60 FLUORESCENT TUBES
3. 1 x OUTSIDE LIGHT
4. 1 x DOUBLE POLE LIGHT SWITCH

QUESTION 4: CIVIL DRAWING

Given:

- A schematic floor plan and an elevation of an **existing single garage** attached to a house, and notes on the changes to be made to the garage.
- A schematic floor plan and a schematic sectional elevation of the outer perimeter of a **proposed new double garage**, and the position of the electrical features.
- A door and window schedule.
- Incomplete sketches of the roof and foundation detail.
- An electrical legend.
- A part west elevation on answer sheet 4.

Instructions:

- Use answer sheet 4 and the information given on page 5 to draw the required views.
- Draw, to scale 1:50, the complete floor plan and a complete sectional elevation on cutting plane AA to the given specifications.

SPECIFICATIONS:

THE FLOOR PLAN

Add the following features to the floor plan:

- ALL the walls with hatching detail
- The doors and window
- ONE wall mounted outside light
- TWO fluorescent lights inside the garage and an outside light controlled with a two pole switch
- TWO switched socket outlets on the indicated walls
- The cutting plane. Label the plane A-A.
- Label the floor plan and include the scale.

A SECTIONAL ELEVATION

Add the following features to the sectional elevation:

- The complete foundation, wall, floor slab and roof detail
 - The complete detail of the door and window
 - ALL necessary hatching
 - Label the sectional elevation:
- ### SECTIONAL ELEVATION A-A

NOTE:

- Label ONLY the following features on the correct view: natural ground level and damp proof course.
 - ALL substructure hatching may be done in freehand.
 - ALL drawings must comply with the guidelines contained in the *SABS 0143*. Conventions may be used.
- [89]**

TERMINOLOGY

Schematic diagram: A diagram that shows the main features or relationships but not the details.

