

PENANG SANGAM HIGH SCHOOL

P.O.BOX 44, RAKIRAKI

WEEK 13 WORKSHEET

Subject: Technical Drawing

Year/Level: 12

Strand	TD 12.3 APPLIED DRAWING
Sub Strand	TD 12.3.2 ARCHITECTURAL DRAWING
Content Learning Outcome	TD 12.3.2.1 Discuss the models of heritage site buildings in Fiji and recognize the different design software available and its applications.

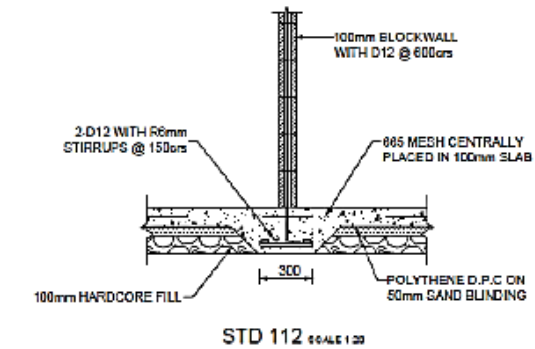
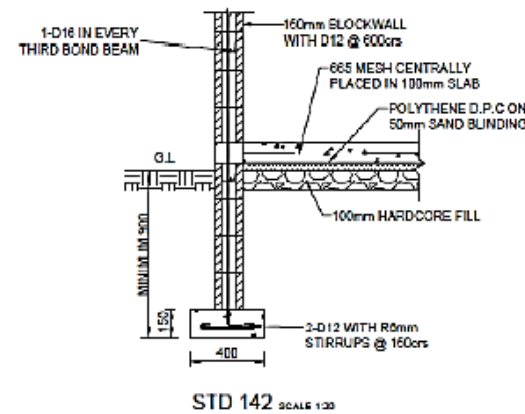
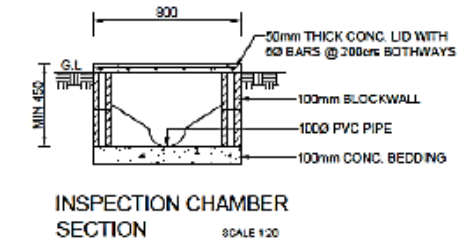
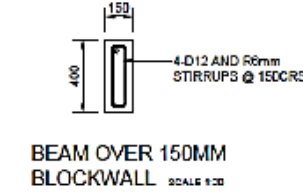
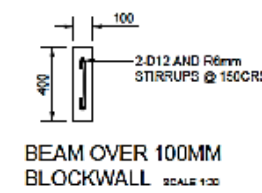
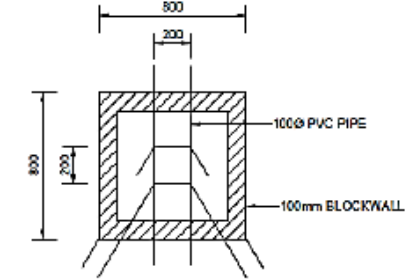
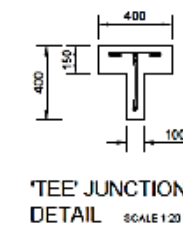
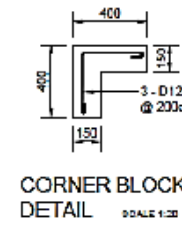
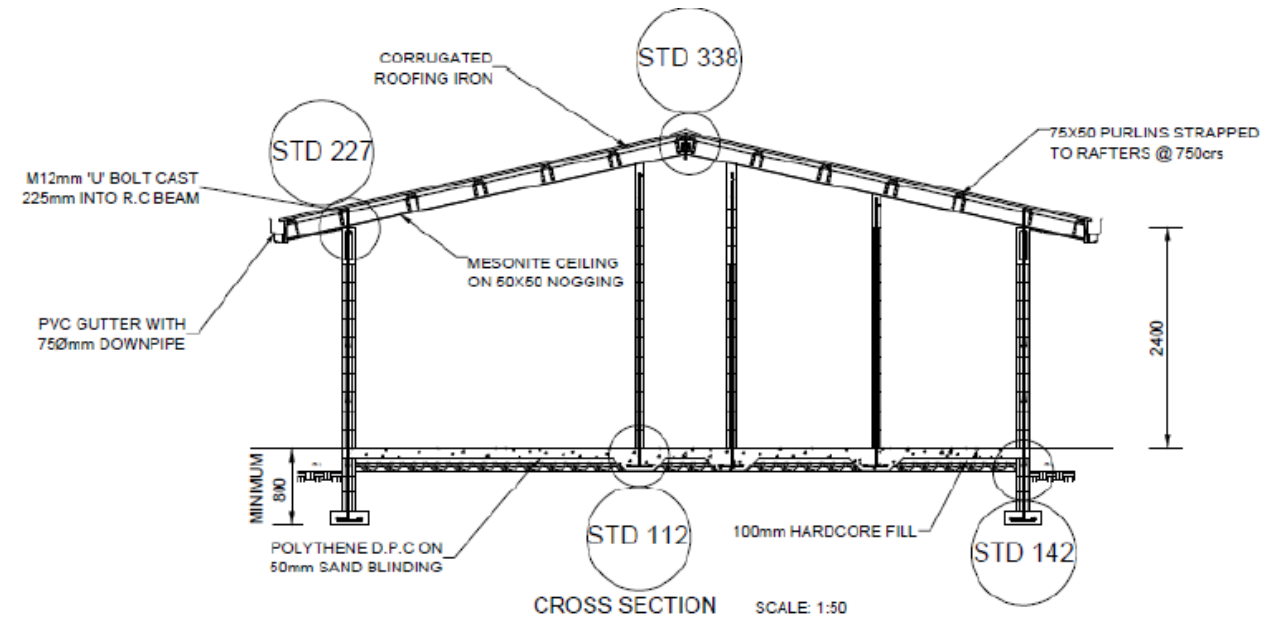
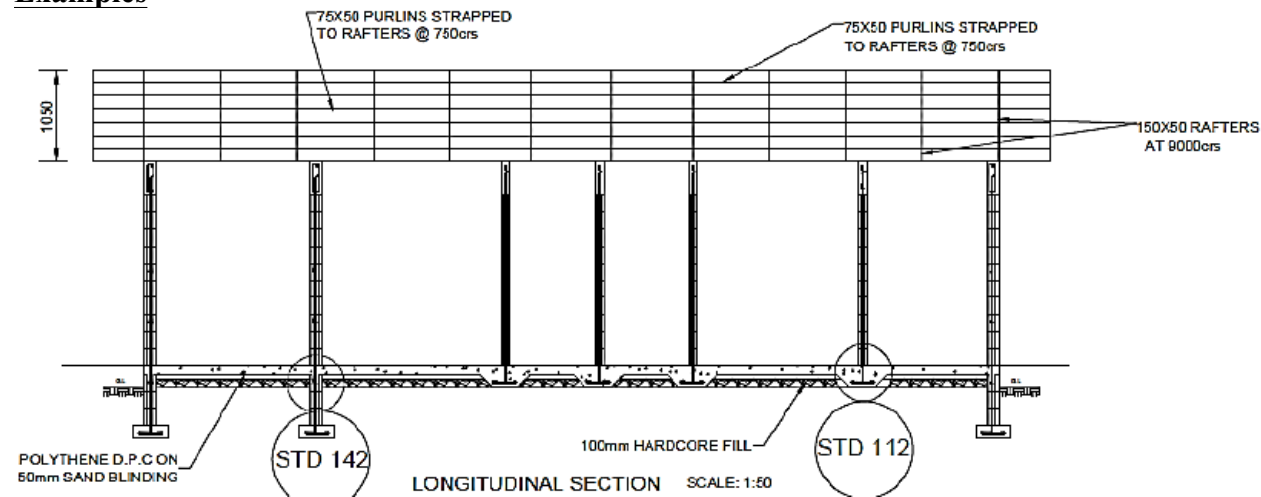
LESSON NOTES

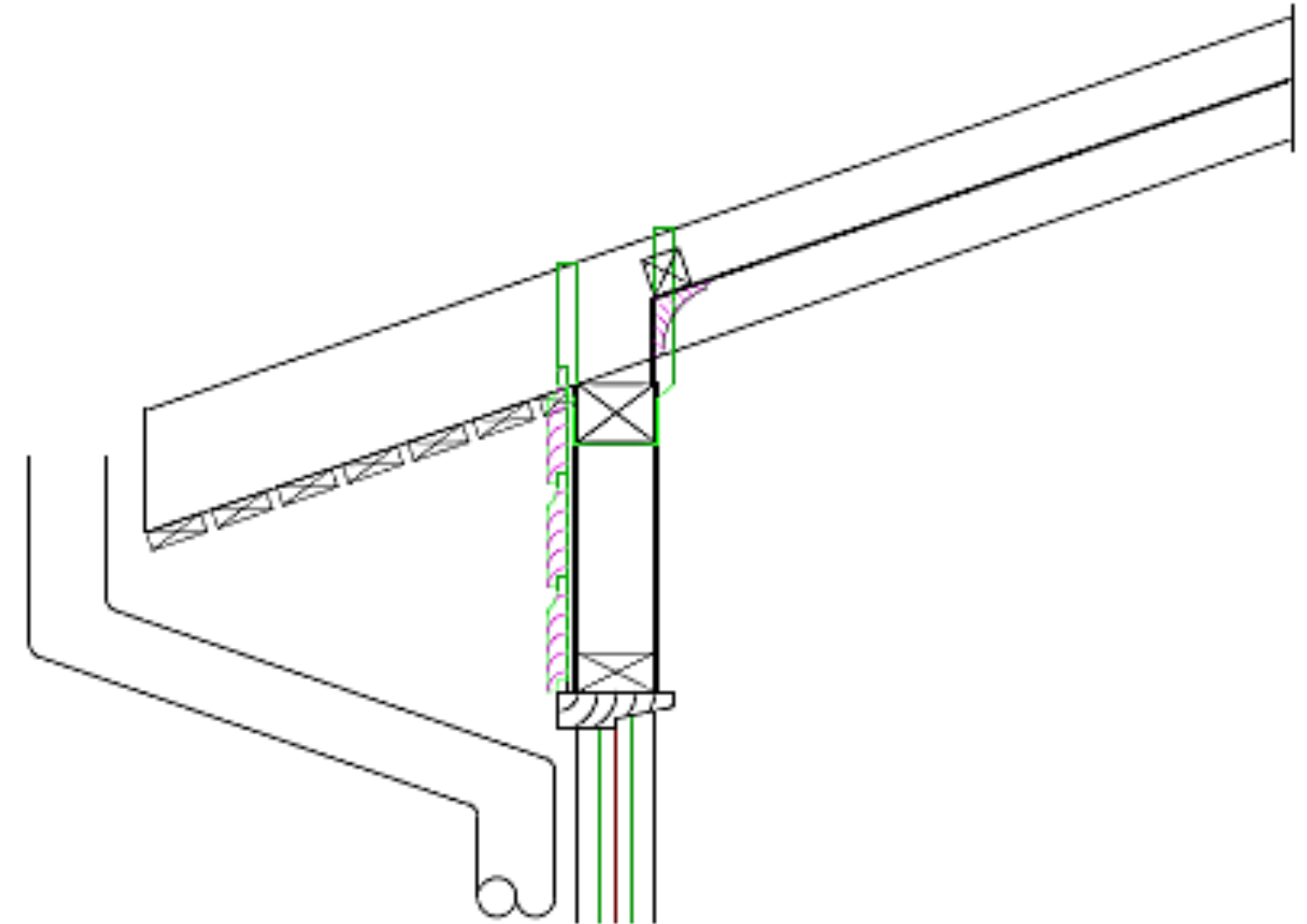
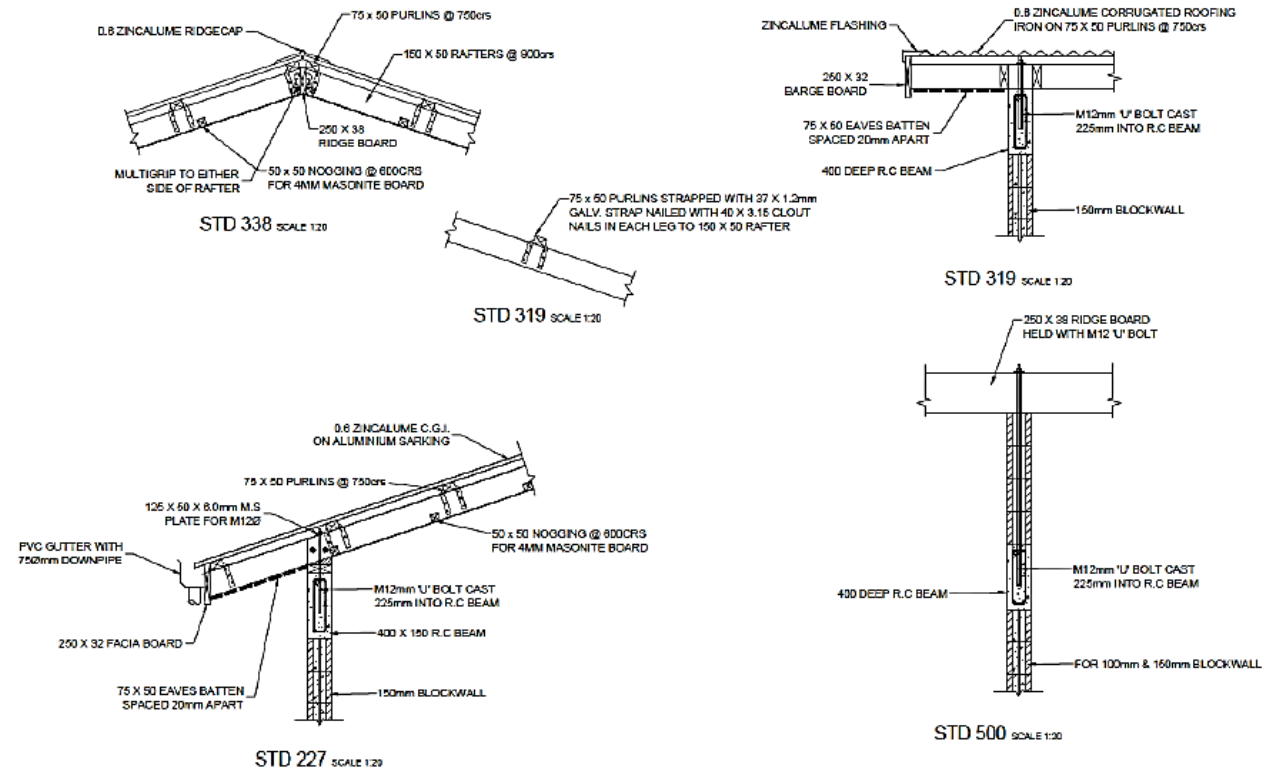
BUILDING OUTCOME

By the end of this topic, students will:

- Identify and label the different parts of a concrete structured building.
- Construct a model of a wooden house and state the building roles and responsibilities.
- Draw details of a concrete structured building.
- Acquire knowledge in keeping abreast with new technologies and trends.

Examples





EAVE END DETAIL (TYPICAL)
SCALE 1:10

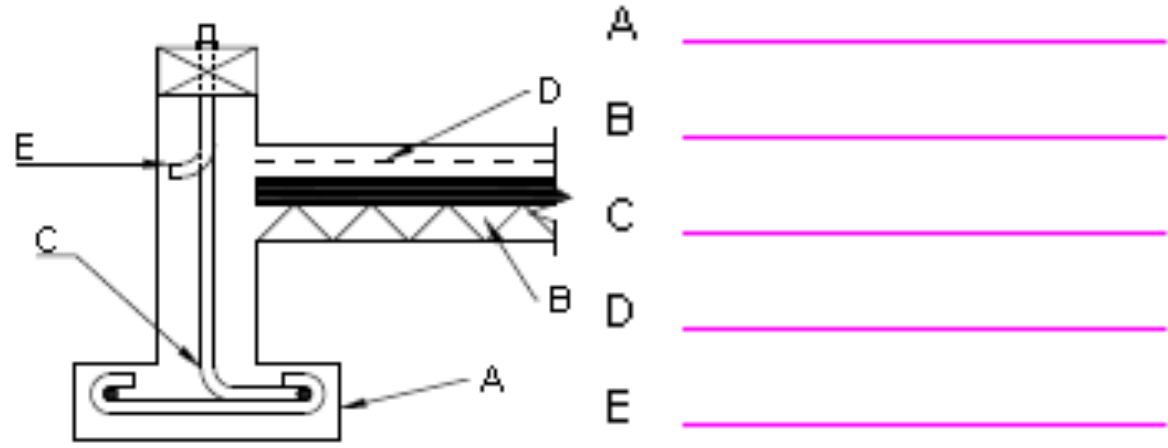
STUDENT ACTIVITY

Given: A Part cross-section of a Domestic house is drawn to scale of 1:10.

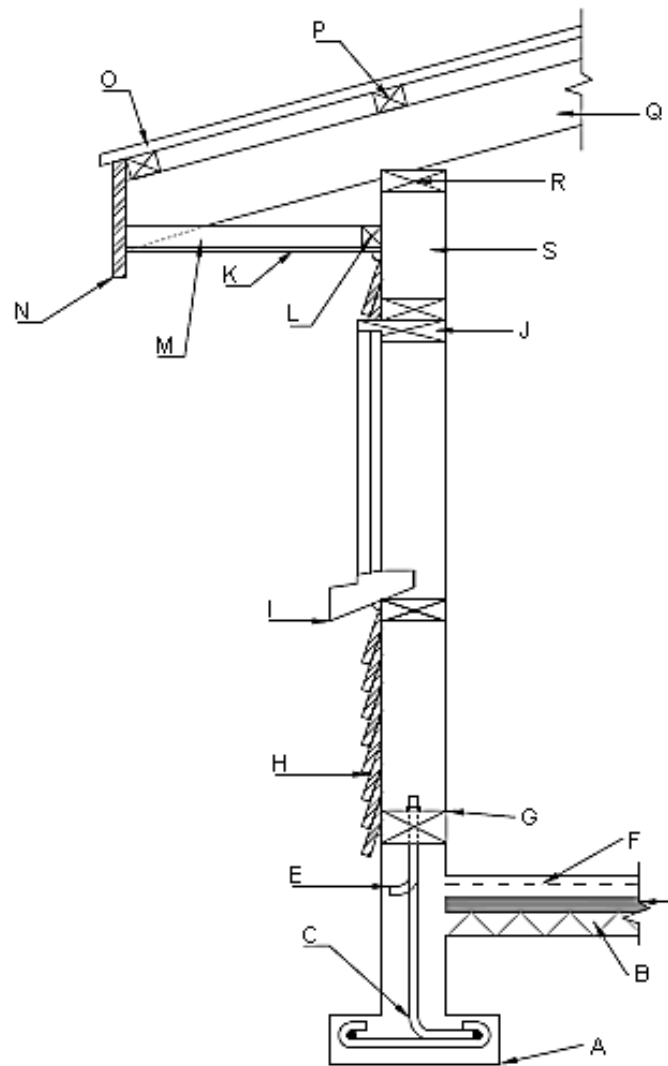
Required:

- (i) Clearly label the top plate and guttering.
- (ii) Complete the drawing by inserting the following:
 - Fascia Board 300 mm x 40 mm,
 - Purlins 75 mm x 50 mm @ 750 mm centres,
 - Purlin straps,
 - Corrugated roofing iron and Aluminum insulation.

Given: A sketch of a Foundation Detail
Required: State the Name of members A to E



Given: The Section of a Domestic load bearing Wall.
Required: List the name of the members A to S.



- A _____
- B _____
- C _____
- D _____
- E _____
- F _____
- G _____
- H _____
- I _____
- J _____
- K _____
- L _____
- M _____
- N _____
- O _____
- P _____
- Q _____
- R _____
- S _____