FERNDALE HIGH SCHOOL

GRADE 10 ENGINEERING GRAPHICS AND DESIGN

(12 October 2020 - 23 October 2020)

TOPIC: MECHANICAL DRAWINGS

SOURCES

- Engineering Graphics and Design. Grade 10 text book. Chapter 2
- Engineering Graphics and design grade 10 work book. Chapter 6

Information

All work sheets referred to in the document are from your grade 10 EGD work book.

You will be drawing 3rd angle working drawings with non-sectional views of mechanical castings and objects from industry. You drawings should have a title, scale, hidden detail, dimensioning, centre lines, cutting plane lines, hatching detail, symbol of projection and layout planning.

Instructions

- Use the given instructions on each work sheet to complete the following work sheets:

  1st week

  6 – 4; 6 – 7 and 6 -9

  2nd week

  6 – 10; 6 – 11
- Do not erase projection lines
- All answers should be drawn accurately and neatly.