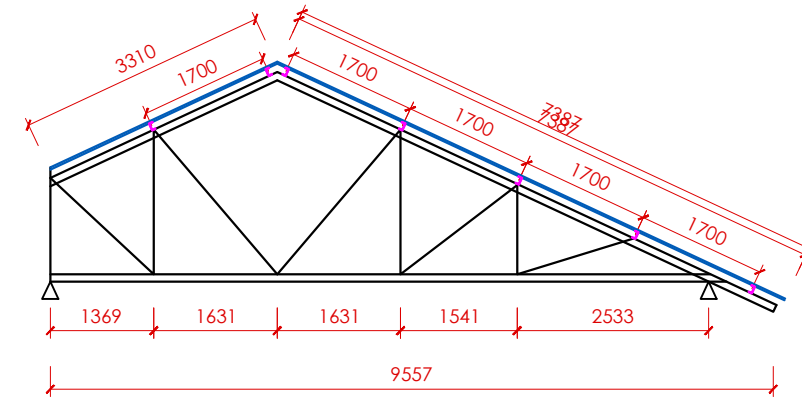
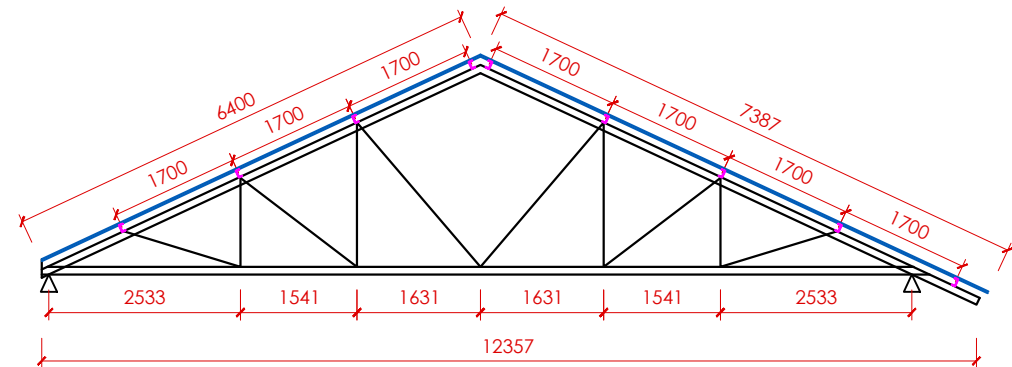


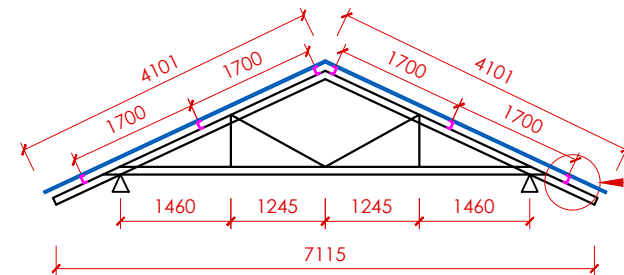
**TRUSS TYPE 1**  
Scale 1:100



**TRUSS TYPE 3**  
Scale 1:100

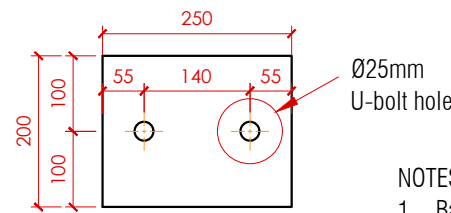


**TRUSS TYPE 2**  
Scale 1:100



**TRUSS TYPE 4**  
Scale 1:100

100x50x20 3mm thick cold framed steel Channel Section purlin (TYP)



**BASE PLATE**  
Scale 1:10

- NOTES**
1. Base plate to be 250x200x5mm mild steel commercial quality welded to the truss bottom chord.
  2. Ø20mm U-bolt to be mild steel 200mm high hot dip galvanized washer and nut.

- NOTES:**
1. All dimensions are in millimetres unless indicated otherwise.
  2. Roof pitch = 25°
  3. Use 100x100x4 SHS hot rolled for the top chord.
  4. Use 100x100x3 SHS hot rolled for the bottom chord.
  5. Use 75x75x3 SHS hot rolled for the web members.
  6. All structural sections to have a yield stress (fy) of 350MPa and ultimate strength (fu) of 430MPa.
  7. Use butt weld for joining straight members and fillet weld for members meeting at an angle.
  8. This drawing must be read in conjunction with Dwg\_No. UNDP/EC/19/01.

Designed by Luckson J. V. Ngulu	Drawn by E. Kanyengambala Jr.	Approved by .....	Date 09/2019	Scale As shown
Client UNDP LILONGWE MALAWI		Project Title EVACUATION CENTRES IN VARIOUS DISTRICTS		TYPICAL TRUSS DETAILS
		Drawing No. UNDP/EC/19/02		Sheet No. 2/3