

- NOTES:-
1. Pitch of the roof (maximum. 25°, minimum. 18°)
  2. All welding to be 6mm thickness.
  3. All gusset plate to be 10mm. thickness.
  4. All double angle members of trusses should be separated by welding 10mm thick 75mm long separators in 600mm c/c maximum.
  5. All steel work in roof should be of grade 43 steel with yield strength - 275n/mm<sup>2</sup> ultimate tensile stress - 430 n/mm<sup>2</sup>
  6. After fabrication & fixing of roof trusses, they should have been thoroughly applied with two coats of zink phosphate paint.
  7. Angle iron purlin to be 50x50x6mm thick
  8. Maximum Truss Spacing 10'-0"
  9. Purlin Cleat to be 75 x 75 x 6mm thick and 12" long
  10. For Estimation Timber frame work should be added.
  11. For 13 1/4" x 13 1/4" columns, Truss Should Be Placed on 300mm High 1:2:4 (3") concrete Pad.

REV. NO.	DESCRIPTION	DATE	SIGNATURE
R1	Truss Top Chord Extend to the Eave Line	2023.09.21	<i>[Signature]</i>

NAME OF THE PROJECT  
**LAYOUT & DETAILS OF STEEL ROOF TRUSS**  
 SPAN 7500mm(25'-0")  
 (TYPE PLAN)

DRAWING TITLE  
 STEEL ROOF TRUSS FOR CALICUT TILE ROOFING 7500mm(25'-0")  
 BSR NO: Y12 & Y27

CONNECTED DRAWING NOS.

CONSULTANCY DIVISION  
 ENGINEERING ORGANIZATION  
 WESTERN PROVINCIAL COUNCIL  
 NO: 204  
 DENZIL KOBBEKADUWA MAWATHA  
 BATTARAMULLA

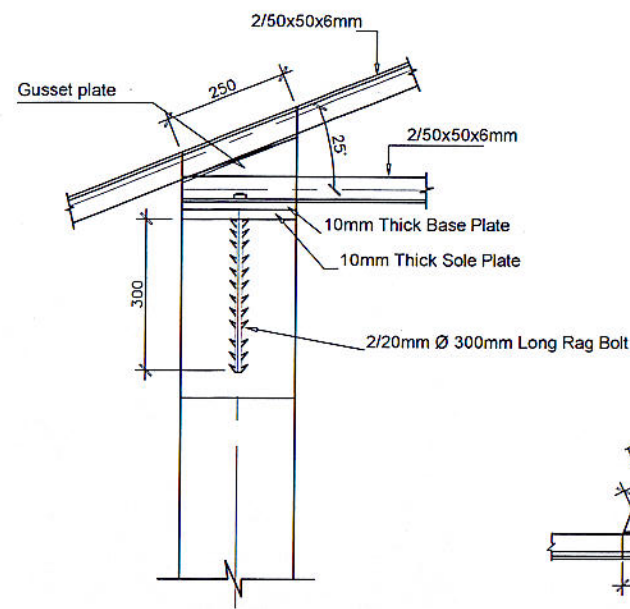
DESIGNED BY  
 NAME :- L. D. GALABADA  
 SIGNATURE

CAD BY :NAVEEN  
 CHECKED BY  
*[Signature]*

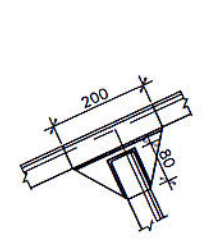
CHIEF ENGINEER (DESIGNS)  
 DIRECTOR (ENGINEERING)  
*[Signature]*

SCALE :-  
 DATE - 11/10/2021

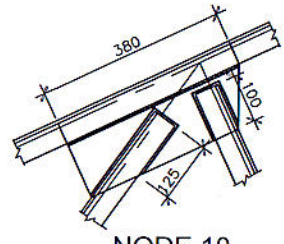
DRG. NO.  
 SHEET NO. 03



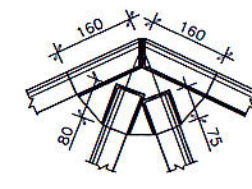
**FIXED END OF TRUSS**



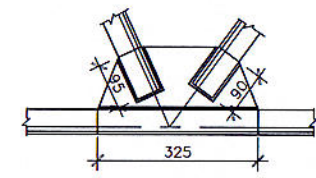
**NODE 11**  
 (node 07 similar to mirror image of node 11)



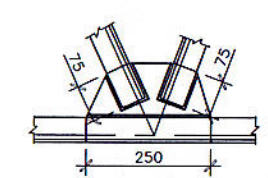
**NODE 10**  
 (node 08 similar to mirror image of node 10)



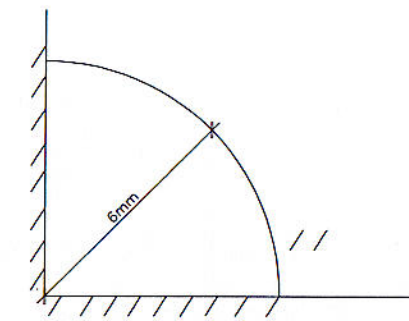
**NODE 09**



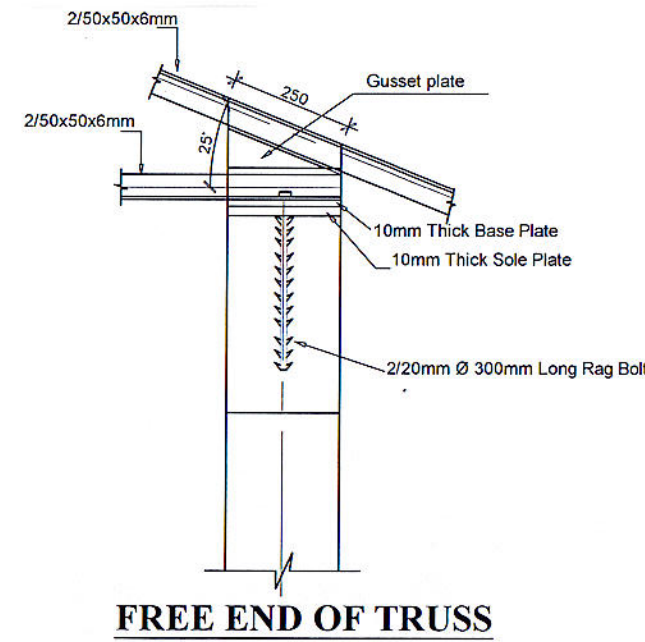
**NODE 02**  
 (node 05 similar to mirror image of node 02)



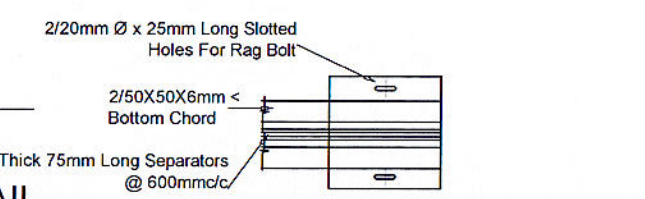
**NODE 03**  
 (node 04 similar to mirror image of node 03)



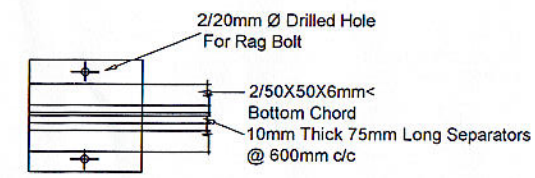
**TYPICAL WELD DETAIL**



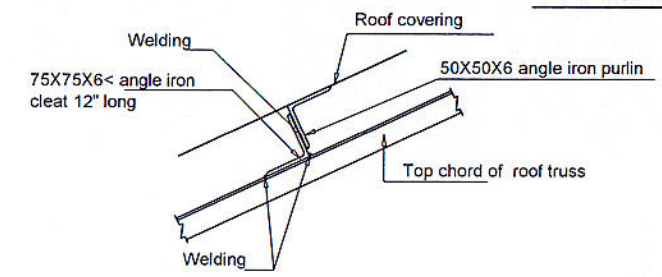
**FREE END OF TRUSS**



**FREE END OF TRUSS (PLAN)**



**FIXED END OF TRUSS (PLAN)**



**FIXING DETAIL OF PURLIN TO ROOF TRUSS**