



Colorado SolidWorks User Group

October 8, 2009 – meeting minutes

20 members were present for this meeting. NCAR in Boulder was a great place to meet; with an excellent auditorium presentation room and a museum to tour.

1. Ted Master – Three Elements Timberworks, 10yrs, in Lafayette (Brandon, Eric (owner))

- video on company (from website)

- company website (www.threeelements.com)

examples of truss construction with pictures

10 x 18 timber / have to find the tree in / douglas fir (rarely cedar) / new drying process (radio frequency drying process ~ microwave)

use steel fabrication: Rose Steel in Lafayette

- model of barn in SolidWorks

- o structure of models

- o assembly structure tried to modeled as on-site, using virtual components

- o sub-assemblies based on how fabricated

- o advantage is patternability

- o drawings:

- full architectural packages / lots of section views / detailing

- uses annotation / notes blocks

- part library

- tips / tricks (quickly dimension w d l):

- boms are saved in excel, then exported into DBA (MRP software)

- w d l are custom properties (RD1@Annotations, "RD2@Annotations")

- insert BOM

- add columns to right (custom property: RD1)

- annotation block template

2. Kevin VanLiere presented SolidWorks trivia, and SolidWorks swag was given away to almost the entire group. The tool pen and ice-scraper were some of the favorite give-aways.

2. Kelly Frazier presented on Workgroup PDM with the remaining time of the meeting; and will continue her presentation for the next meeting in December.