

Minutes of the College of the Redwoods/Eureka High Construction Technology Advisory Meeting

Time: Wednesday December 13th 2017 6:00

Place: Project house

Members –

Derek Glavich – Teacher at College of the Redwoods

Bert Hafar – Teacher at College of the Redwoods

Dave Stevens – Teacher at Eureka High School

Leslie Douglas – Project estimator at Crestmark millwork

Leonard Bechler – Teachers Assistant in the woodshop

Lauren Morgan-Outhisack – Student at CR

Cat Ory – Drafting teacher at College of the Redwoods

Bill Hole – Teacher at College of the Redwoods

Shawn Herlihy- Compass Carpentry

6:00 Meeting called to order and minutes from last meeting approved (Derek). Second Leslie.

Points of interest:

This will be Bill Hole's last meeting as he announced his retirement to the group.

Derek is happy to announce that the first annual "Women in Construction" was a great success. Even though the weather was bad, there was a great turn out with many enthusiastic College of the Redwoods student volunteers helping with the event. Next year, more attention will be paid to the timing so as not to compete with local community events such as the "Rhody parade."

The Mock up house examples in the old diesel lab have proved to be a valuable learning tool as the students are able to have a tangible examples to see residential home construction. Derek will hope to add to the examples next semester.

Enrollment for the Construction Technology program is down, not by much, which can be attributed to the need for local trades people as the need for skilled workers is high now. The belief is that as the next downturn in the economy takes place there will be a bump in enrollment as people look to learn a new trade.

Bert gave an update on the cabinets. This is the first time he had his class do raised panel doors, and as a way to make them stronger, he added a mortise and tenon joint to the rail and stile connection. He is still using a water based finish so students are familiar with its application as the industry is headed in that direction. Bert also introduced soft close drawer hardware, but limited their use because of the cost. The wood chosen for this house was hickory because of its looks, durability and cost.

Points of discussion:

In 2020 the state of California is moving towards a “net zero” plan of building, where houses will produce as much power as they use through the use of solar panels and other green technology. College of the Redwoods will continue to use solar panels and other green building methods to support its graduates so they will be ready for the new regulations introduced to the building industry. Some of the ideas mentioned to support building to net zero were to use 2x6 24 inch on center framing, better insulation techniques, better air sealing, zip wall system, and eventually adding an energy recovery ventilation system.

Derek had some questions to the group about a better way of hanging hardie siding.

Derek also asked for support for an Instructional Support Specialist or I.S.S for the construction class, the group agreed that it would be a great addition to the program.

It was brought up that a realtor be brought to the table for design input for the next house to make the house as sellable as possible.

Next meeting 6:00 at the woodshop at College of the Redwoods.

Minutes of the College of the Redwoods/Eureka High Construction Technology Advisory Meeting

Thursday, May 4, 2017

5:30 – 7:00

Mem Time: Wednesday December 14th 2016 5:30

Place: 2730 Kenmar Rd, Fortuna CA. CR project house

Members –

Derek Glavich – Teacher at College of the Redwoods

Bill Hole – Teacher at College of the Redwoods

Bert Hafar – Teacher at College of the Redwoods

Dave Stevens – Teacher at Eureka High School

Leslie Douglas – Project estimator at Crestmark millwork

Will Madaras – Drafting Wallace and Heinz

Ross Nash - Building superintendent at Pierson's Building Company

Shawn Herliky - Compass Construction – owner

Ryan Barlow – Compass Construction

Cat Ory – College of the Redwoods drafting teacher/professional designer

Points of interest-

This year's College of the Redwoods project house features solar water heating as well as solar electrical panels. As per the city of Fortuna's building codes, this property will feature a section of the driveway that is permeable so rain water will be absorbed in the ground rather than being diverted to the river system and then the ocean. The staff at CR would like to see that it stay current on modern building materials and techniques and asked advice from the board on how to do that. It was mentioned that the college will need to address a stricter code as related to energy conservation and gave insight on how to build a better insulated home. Working with "zip walls" were mentioned, as well as using ridged insulation on the exterior of the walls in combination of using a thicker wall system to allow for a better insulated wall system.

Points of discussion-

Derek asked for input on how the college could better prepare its students for the work force. Many members agreed that CR could focus on building the soft skills into their students and to teach them to use their cell phones in a productive manner. In addition, the members of the advisory board asked the faculty to continue to focus on a holistic approach to construction so that students see that they are working toward a tangible goal not just completing a series of meaningless tasks. The point was brought up to have the students be drug free as part of their education and future employment, and with the future of legal marijuana the group did not have a clear definition of what drug free meant. The group would like to see students in the program lead safety meetings as way to build leadership skills into its graduates. The idea of offering electives like OSHA was presented in an effort to build a well rounded student.

The next meeting will be on Dec 14 2017 at the CR woodshop