Problem 4- F2M

Problem definition: To create a home style set with no visible seams and a strong structure while keeping a budget of $12,000.

Cost spent on Materials: $9,268.64

Cost of Labor: $2,590.00

Total Cost: $11,858.64

* Bought:
  + 1x6 Pine and 1/8” Lauan
  + Rustic Brick Wallpaper
    - Show wallpaper against the wall to compare
  + Doors and door levels (door knobs)
  + Windows
  + Track Set for flat
  + Curtain Tracks
  + Tree supplies
    - 2’-0” PVC Pipe
    - Chicken Wire
    - One roll of Plain Brown Paper
    - Foam
* Cabinets from Lowes
* Base, Casing, and Crown Molding
* Carpet, Hardwood flooring, Peel and Stick Vinyl Tile/ Underlayment
* Techniques for Materials:
  + Building Walls
    - Rip the 1x6 pine into 1x3
    - Construct Hollywood Flat, everything on edge
    - Toggles on face for molding, cabinets, and chasing seams
    - Attach Jacks and Hogstroffs to increase stability
* Sink:
  + Get hoses from Powerhouse Theater
  + Small PVC tubing to attach from sink drain to the bottom of a bucket under the sink.
* Tree:
  + Show Prototype
  + Took some PVC pipes and made it stable with a piece of 1x sheet.
  + Made a hole in the middle of the 1x sheet piece to place PVC pipe into.
  + Drilled a hole into the PVC pipe
  + Attached small piece of foam onto the top of the PVC pipe
  + Wrap with chicken wire
  + Crumble plain brown paper and hot glue it to the chicken wire
  + Can paint with dark brown strips along crumbled areas of brown paper
* Tiles:
  + Peel and Stick
  + Screw in 1/8” Underlayment
* Carpet:
  + Nails and hammer carpet into it
* Hardwood Flooring:
  + Snap in flooring
* Cabinets/Molding/Casing:
  + Screw into toggles on face in the back of the flats
* Tracks:
  + Attach ball bearing carriers to top of flat
  + Install the three 6’ tracks in line with each other to make the 18’ sliding flat. Make sure it’s flush for a smooth sliding motion.
  + Track screws into little protrusion on the top of Flat B
  + Curtain track attaches to the back of Flat M & N
* Calendar:
  + Talk about what is being done on what day, and how many carpenters are working on it.
* Labor hours:
  + Talk about which units are building built on each day, who’s working on it, and how much it would cost each day.
  + 9 hour shifts with 1 hour lunch break, unpaid.
  + Load-in + Assembly
  + Free trucking for 2 days will be sufficed to bring everything in. Three interns to transport from truck to venue.