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.