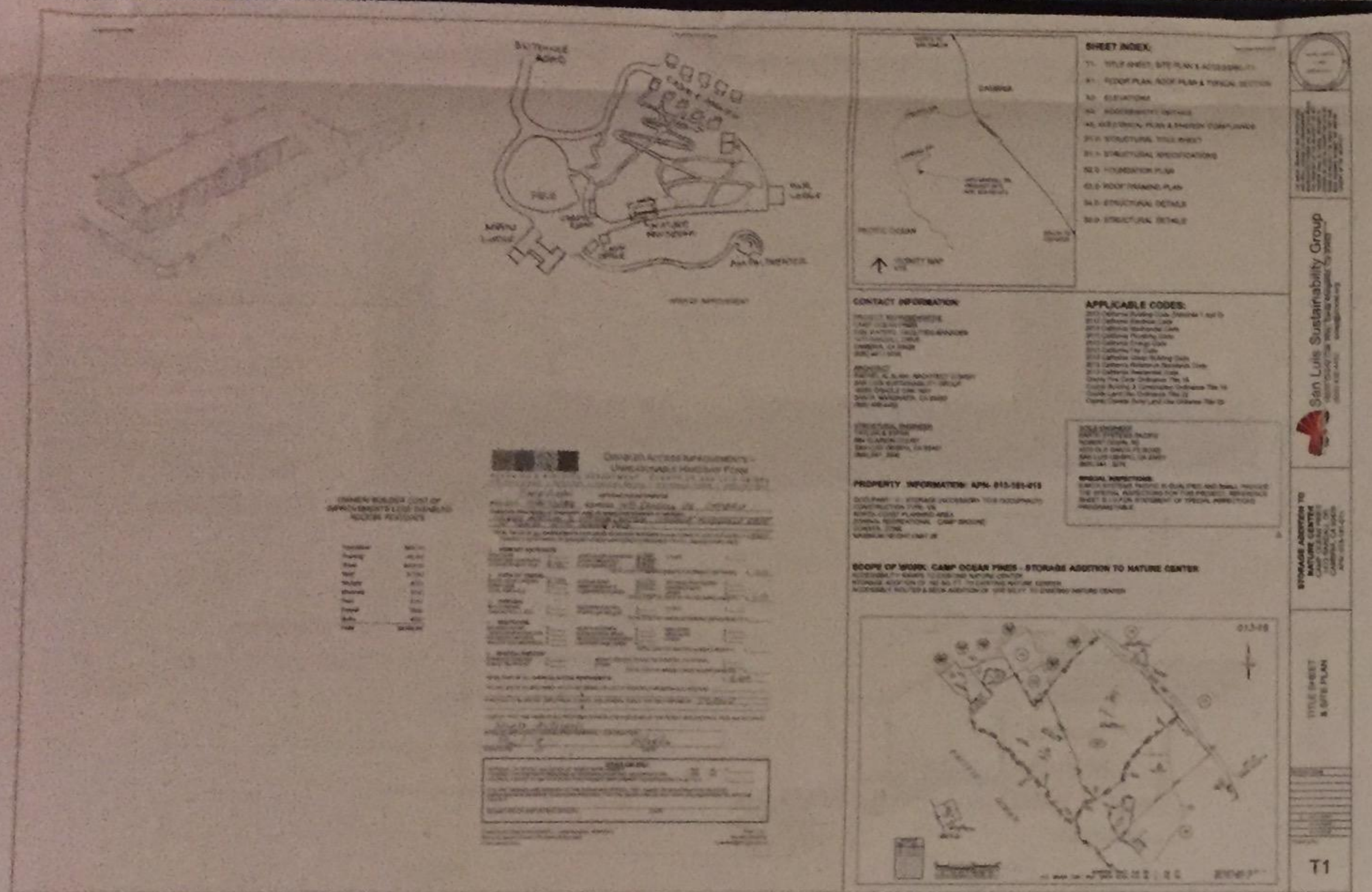


Camp Ocean Pines - Aviary Expansion



Matthew R. Stephens
California Polytechnic State University
San Luis Obispo, CA

This paper describes the construction process of an additional 192 SF storage area for an existing Nature Center, along with a new 1000 SF deck around the entire structure. The scope of work included in construction included the excavation and pouring of concrete piers and stem walls, framing of the subfloor, shear walls, roof, and deck, electrical rough-in and finish, roofing system, windows, doors, insulation, drywall, and decking. All work on this project was managed by the author, and construction was done by the author, subcontractors, local hires, and volunteers. Construction of the project took place between December 2016 and June 2017, and cost approximately \$40,000. This paper will focus on means and methods, deliverables, knowledge and lessons learned, and how this knowledge will be brought into the construction industry.

CALPORTLAND

Permit No. 155

Project No. 223

Project Name: Camp Ocean Pines - Storage Addition to Nature Center

Project Location: 10000 N. Highway 101, San Luis Obispo, CA 93401

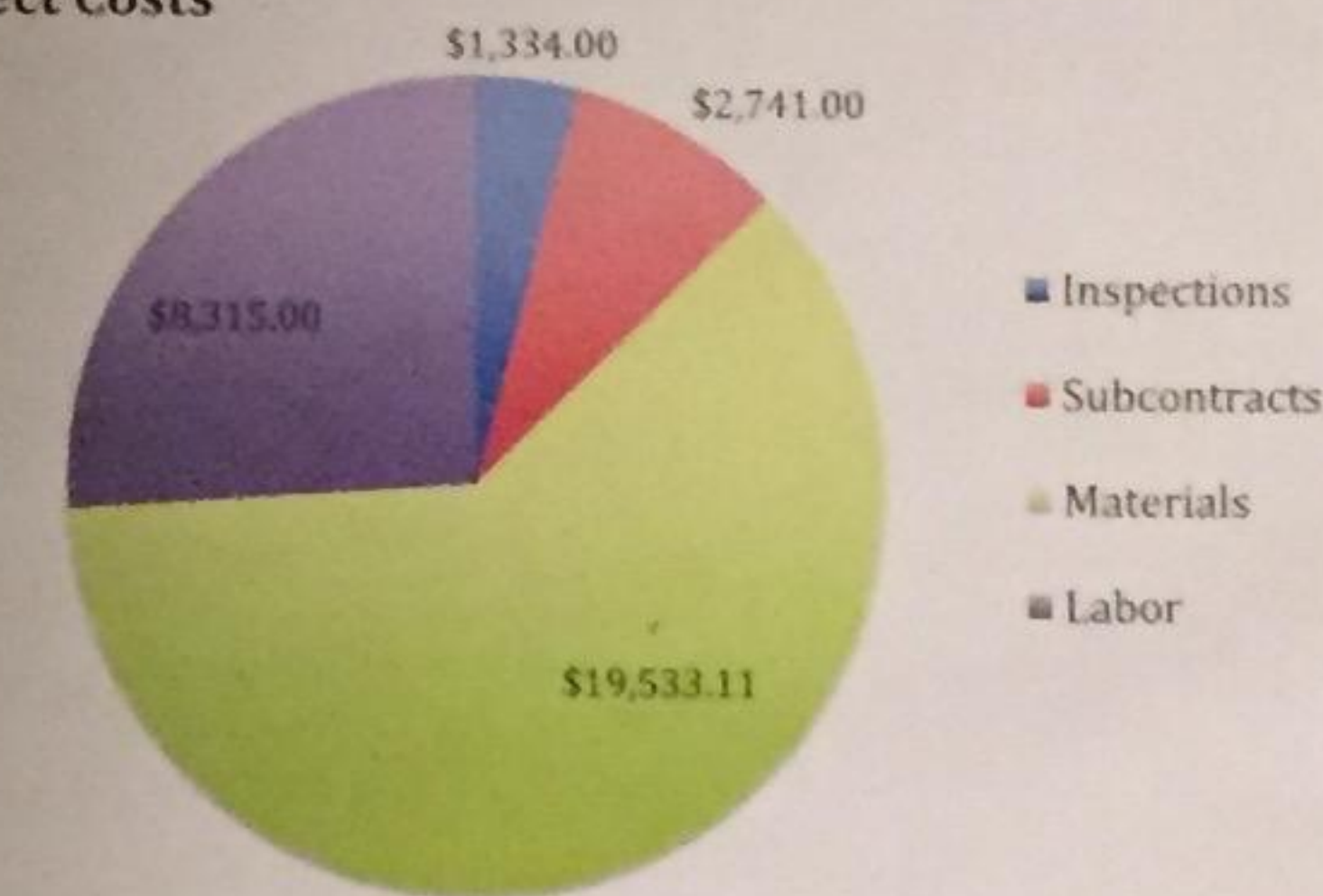
Project Description: Construction of a new storage building and deck.

Project Start Date: 12/16/2016

Project End Date: 6/17/2017

Project Status: Completed

Project Costs

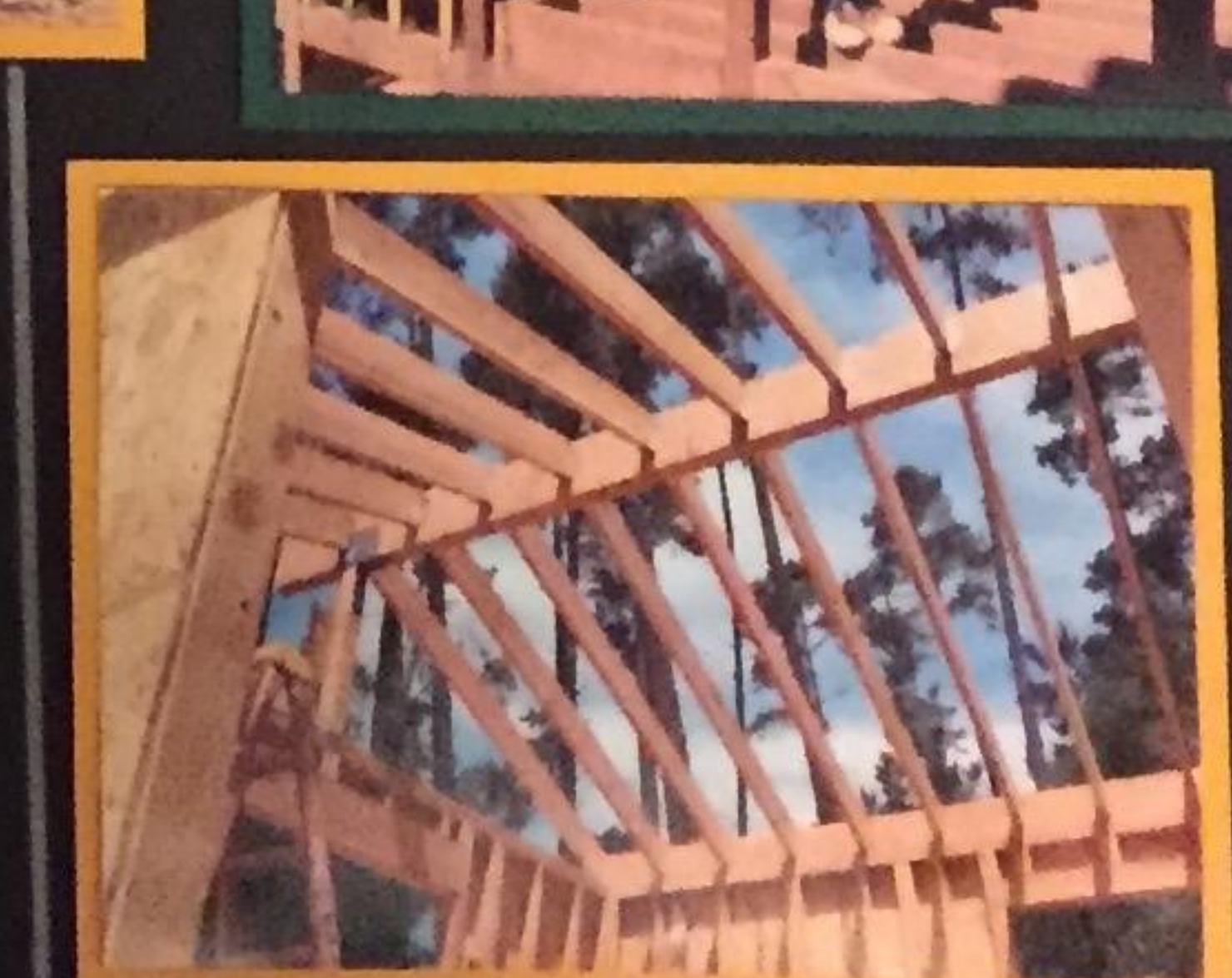
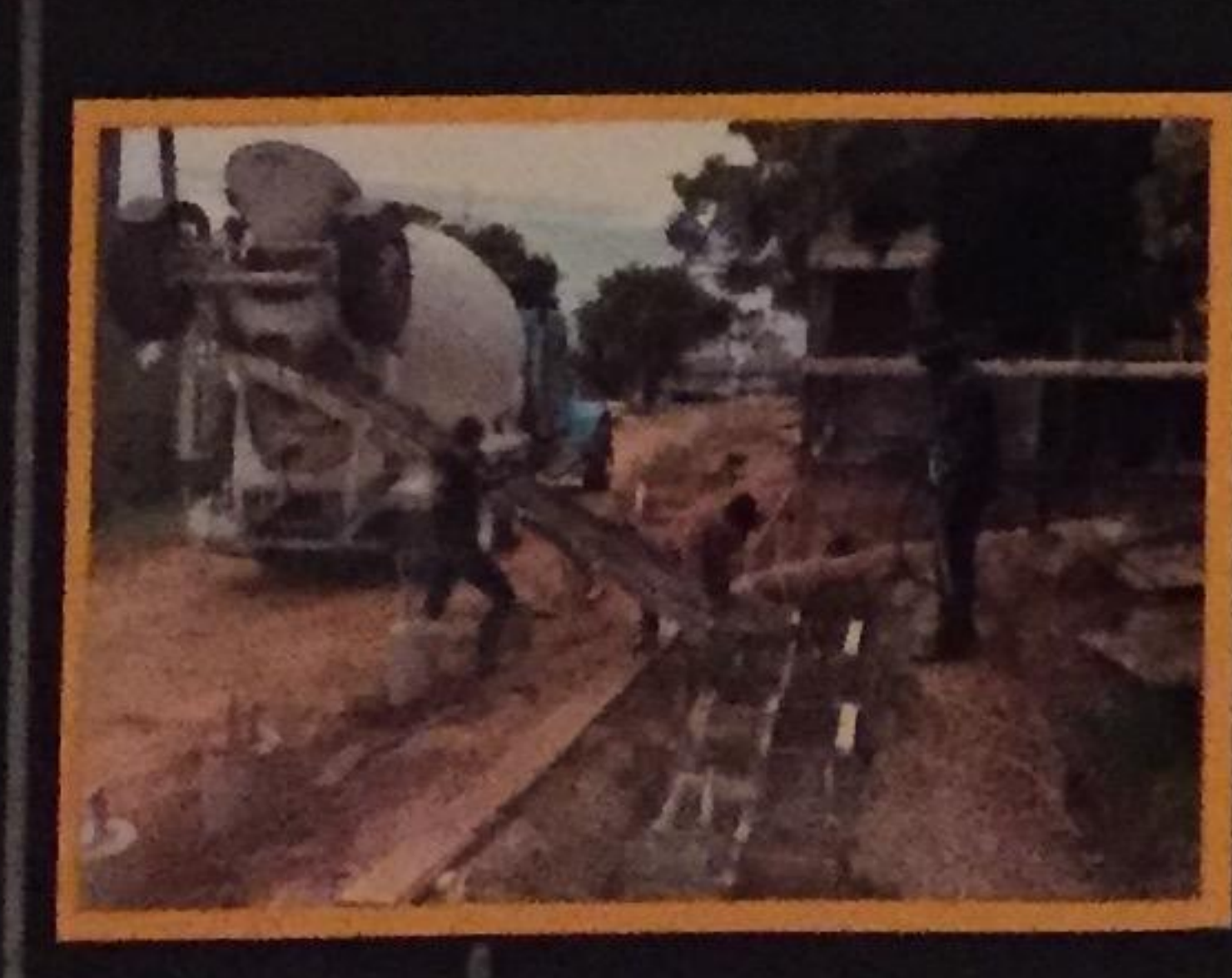
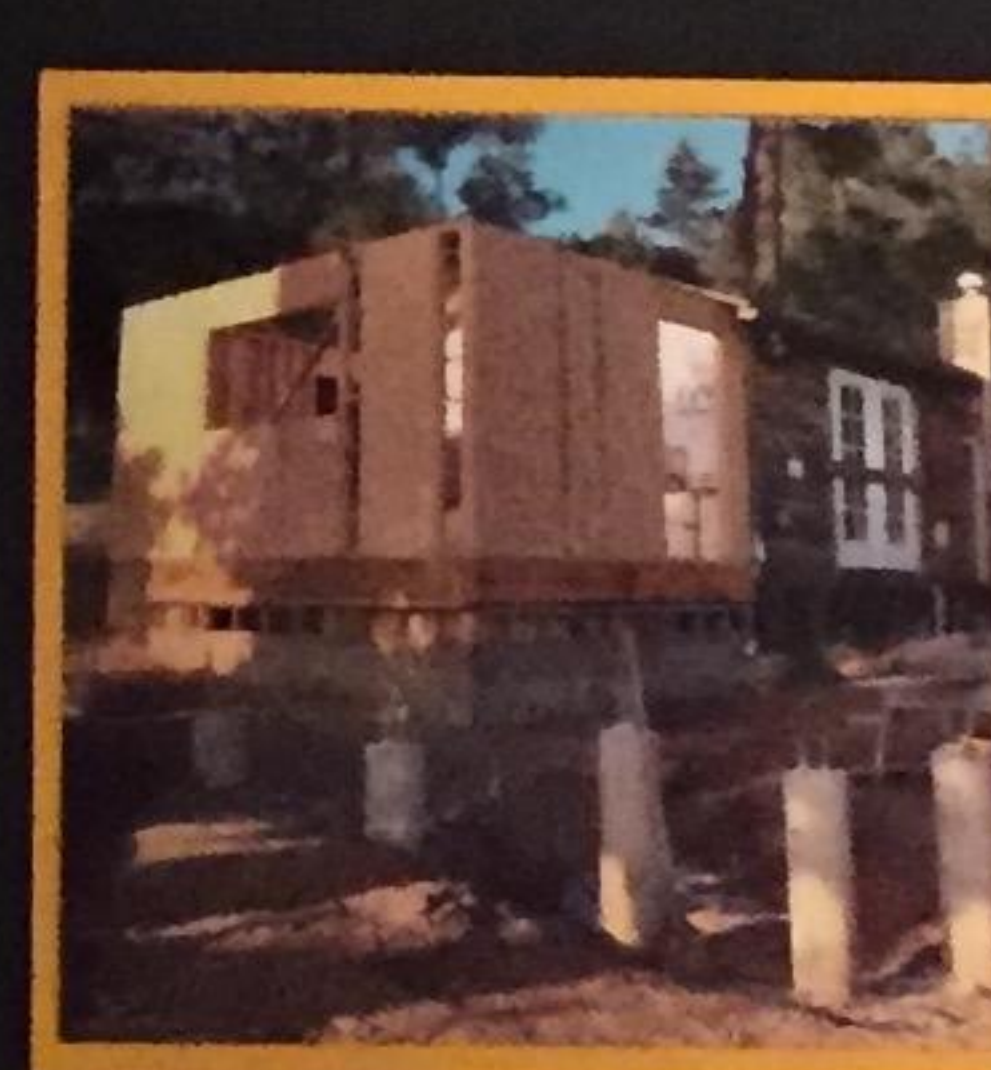
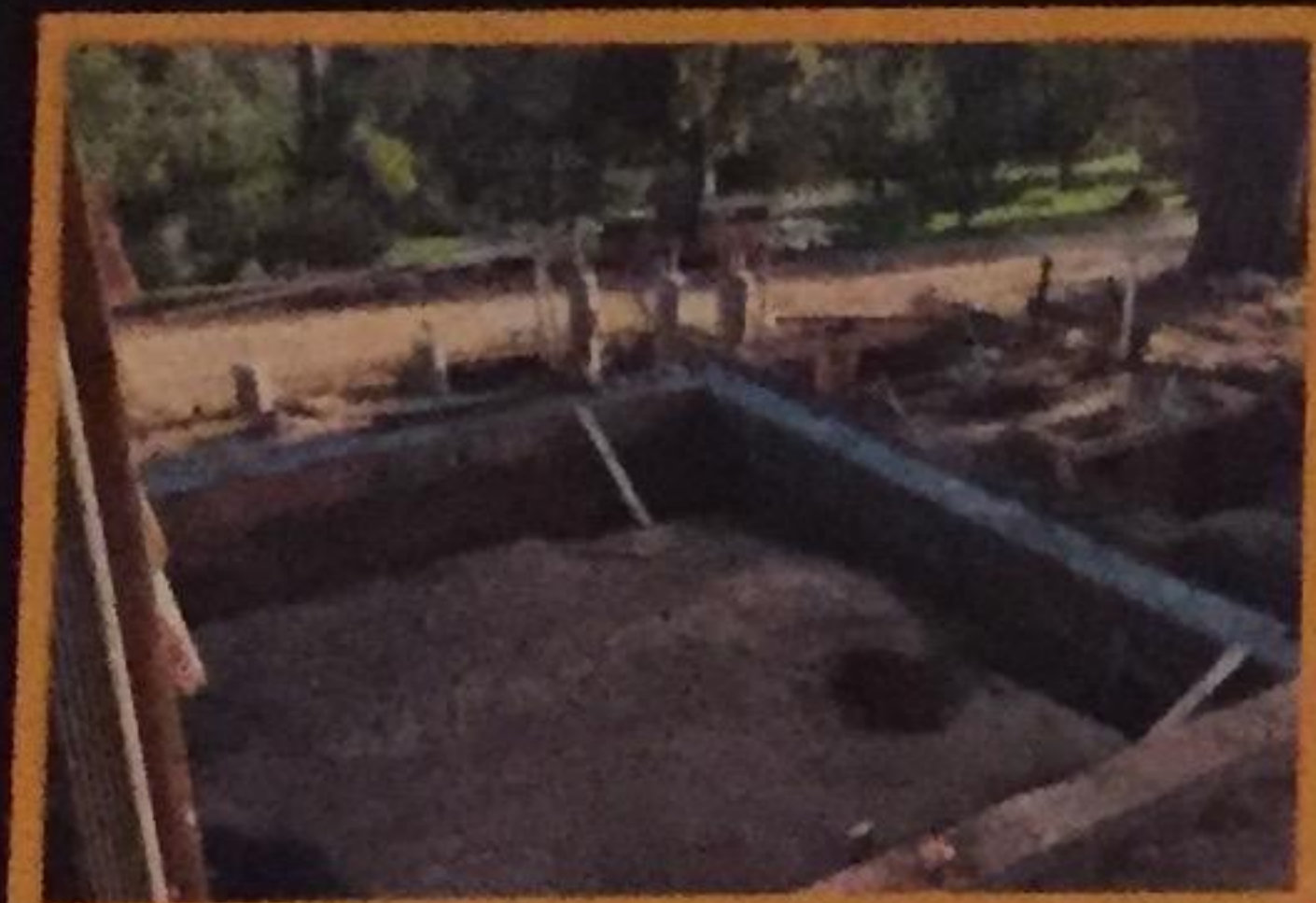


Monte Garrison
Jan 2 - Jan 16 - 2017

Date	Time	Activity
9:00 A	11:00 A	Clear up after pour
10:00 A	12:00 P	Lay out drill hole
7:00 A	11:45	Put equipment on site
12:15	5:30	Roll back

James Rossini
Dec 17 - Dec 20 - 2016

Date	Time	Activity
7:00	12:00	3 hrs. break. Better things
7:30	12:00	4 hrs. Clear floor
7:30	12:00	3 hrs. Clear floor
7:30	12:00	3 hrs. Clear floor
7:30	12:00	3 hrs. Clear floor
7:30	12:00	3 hrs. Clear floor



NTP - 10/13/16 Breaking Ground - 12/2/16 Pour #1 - 12/23/16 Pour #2 - 3/17/17 Pour #3 - 3/20/17 Subfloor Complete - 4/6/17 Walls Transported - 4/9/17 Walls Tilted - 4/11/17 Roof Complete / Deck Started - 5/9/17 Electrical Rough-In - 5/29/17 Roofing - 6/8/17