

## Escuela Técnico Maya Design + Construction Update

April 12-24, 2010

- Foundation dug for Phase II of vocational workshops, and filled with gravel and gravel-packed tires.
- Concrete footings at doors poured.
- Rammed-Earth tires begun.
- Glass bricks installed.
- Doors installed on East workshop.
- Weather proofing sealant applied to roof.
- Tires transported to land, and blocks cut in preparation for wall building.
- Site prepared for rainy season.

L-R: 1 Installing glass bricks; 2 Completed facade; 3 Doors installed; 4 Foundation dug; 5 Gravel tires



Plans for the next two weeks . . .

- Packing tires

## Escuela Técnico Maya Design + Construction Update

April 12-24, 2010

- Interior **finishes** are complete — Aaron and Ericka have moved into the finished workshop.
- All six patio **columns** have been poured— standard concrete with **square glass bricks**.

After they set they will be finished with a rough grey stucco.

- Solid portion of **facade** has been built, which will support glass brick portion. The solid portion of the wall consists of three layers on top of the bondbeam: 9" of dirt-stabilized concrete, 3 courses of dirt bottles, and a 1 " concrete cap. We are now ready to form the window and lay glass bricks.
- Considering different options for framing **semi-circular window** that will allow the most natural light to enter as well as provide cross ventilation at the upper level of the workshop.
- **Excavation** for second phase of workshops has been completed and the overall dimensions of the next 4 rooms have been laid out. We continue to prepare this area for the rainy season by creating sufficient drainage.
- Hundreds of **tires** have been transported to the construction site and sorted by size. They are ready for construction.
- **Doors** for the East Taller has been ordered, should be installed in approx. 2 weeks.
- Cindie and Ericka met with the Guatemalan architecture firm **1/2ambiente** (pronounced medio ambiente, which means environment, [www.ambientearquitectura.org](http://www.ambientearquitectura.org) ), to discuss ways in which they might be able to support LWH 's work and construction. Possibilities include design + construction advice, support in gaining government approval, connections to a new Guatemalan green building network and volunteers from Guatemalan architecture schools.



### Plans for the next two weeks . . .

- Glassbricks, doors and windows on both workshops — have both sealed.
- Translate plan onto ground to dig foundation and begin first course of tires.
- Continue preparing for rain and all related site work at retaining walls.