

Pre-Pour Meeting: Monday, April 9, 2012

A. Three Points To Focus On:

1. Rebar Cages: We will tie 2 of the 6-rebar cages at a height between our knees and waist to increase work efficiency.
2. Cutting Concrete: We will cut the control joints of the slab with a skill saw as opposed to a walk behind saw. Our main concern for this project is safety, and we believe that with inexperienced labor, a skill saw is the safest option.
3. Level of Skill: A successful job for us as students is defined as one in which the most students learn the most activities. Therefore, each student will be participating in every necessary task on the days of the pour.

B. Specific Labor Duties: It is crucial to have an organized plan for labor duties before the concrete truck arrives on Tuesday. This will allow for the most efficient work possible.

- 2 people screeding with a 2 x 4 outside of the forms.
- 1 person designated to keep top of forms clear from stones or anything else that may interfere with the screeding process.
- 1-2 people inside of forms with a concrete rake or come along, (1" of concrete on the screed board at all times to avoid the occurrence of any low spots.)
- 1 person observing at ankle level (without sunglasses) to point out any low spots.
- 1-2 people with margin trowels to cut the slice between the concrete and formwork to push rocks away from forms.
- 1 person on the bull float right after we screed the concrete. When pushing outward, keep front end of bull float slightly raised, but keep as level as possible.
- 2 people behind bull float with hand floats.
- 1 person to edge the exterior sides of the slab with an edger. Remember not to push down too hard.
- 2 people (1 person on each side of the poured strip) with a float and trowel each. Rest on the float with one hand, hand trowel in an arc motion with the other hand. (This is when we are able to walk on slab without scaring it.)
- □ person with two kneeboards, a trowel, and a float to hand trowel the middle of the concrete strip where the previous hand trowels cannot reach.
- 2 people with a concrete broom. Broom finish in a pull motion. (Do not push the broom.)
- Additional laborers can make sure walking path is clear, have needed tools

readily available for others who are performing a specific task, etc.

C. Additional Notes:

- The front discharge concrete truck is limited to the radius of the chute. We must pay attention to this and avoid any injuries that may be caused by the chute of the truck. Each student working within the forms must be aware of his/her position in relation to the motion of the chute.
- Wait one day to spray the curing agent.
- Be sure not to scar the one-day-old concrete when pouring the middle strip on the slab. Lay plywood on already poured concrete if needed.
- Perhaps tip the concrete driver if satisfied with service. (This is done in the industry if client is repeatedly satisfied.)
- Constantly keep tools clean. For decent water pressure, use the concrete truck's water hose while they are washing out.