

# Construction Trip Report

## November 3-13,2018

This report covers the November visit to the various construction sites. I was accompanied by Marcelin the entire time. We met with Jacky, Profaute, Nadege, Luc and Leon over the course of the visit.

Goals were to review the punch lists for the two large projects, Bary Fe II and Repatriote Classroom IV; finish the drawings for the new Repatriote Kitchen project and begin it's construction; review the progress on the Repatriote Youth Building; plan for the next two months work and update the Project List.

### Cite Soleil Campus

#### **Medical/Dental Clinic**

- The stairs to the roof of the building have been poured and the forms stripped. Additional funds will be needed for stucco, paint and metal handrails.
- The estimate was prepared for expanding the MICECC treatment room and moving Dr. Quency's office. It is awaiting funding.
- Funds have been provided to add additional exterior benches for patients. This project will begin in December.
- The maintenance team supplemented by US volunteer Don Boothe completed projects to provide hinged privacy shades to the MICECC triage/immunization room and completed several other tasks in the clinic and school.
- Dr. Quency requested a separate isolated burn container for medical waste. The medical burn container will be located where the existing burn pit is located and the existing burn pit will be demolished.



#### **Children's Church, Phase III**

- Through a major donation and several smaller donations, funds are available to provide a wooden truss frame & metal roof structure for the children's church project. The wooden truss cost is 40% lower than a comparable steel truss and after evaluating the structural integrity of the wooden truss, the decision was made to adopt the wooden truss option.
- A contract and an initial deposit was made to Maxima, S.A., a Haitian firm, to build and deliver the pressure treated wood trusses. Delivery is expected in late December or early January, 2019.
- Funding will be required in the amount of \$25,000 to complete the interior finishes including windows, doors, painting and lighting.



#### **Cafeteria & Library Electrical Upgrades**

- Repairs to the electrical system were completed by our Haitian electricians.

- A team coming down early next year has committed to upgrading the electrical lighting and receptacles in the library.

### **School Maintenance Items**

- The maintenance team completed the repair of rotten roof purlins in 13 locations in multiple classrooms, sealed a number of holes in the metal roofs and repaired screen doors these two 26+ year old buildings.
- A team provided funding to install backpack hooks in 8 primary school classrooms. Over 100 backpack hooks to complete another 4 classrooms were turned over to maintenance for installation.
- Funds were provided to begin upgrading the electrical service and providing fans in 4 classrooms. Funds will be needed in the amount of \$500/classroom for the remaining 14 classrooms.



### **Site Drainage & Site Cleanup**

- An estimate of \$4k for upgrading the site drainage between the church, depot and clinic was completed. We are awaiting funding for this project, which will also include a one way value to drain into the adjacent canal.
- It was agreed to halt burning of trash on site and start hauling trash to the landfill. Each of the departments, school, clinic, & church will provide trash containers and will share in the cost of having the trash hauled to the landfill.

## **Repatriote Campus**

### **Phase IV Classrooms**

- The building is complete, furniture installed and classes have begun.
- One punch list item remaining is finishing a janitor closet w/mop sink on the 2nd floor.



### **Phase IV Cafeteria/Children's Church**

- This project is complete with tables in place. The room has tables sufficient for both a preschool cafeteria and a primary school cafeteria. The room is excellent for children's church.

### **Phase IV Kitchen**



- The cooks and administration have signed off on the kitchen plan and drawings were prepared.
- Structural renovations have started. The old depot will soon become the generator room, construction depot, kitchen depot and kitchen. Students will come through a serving line and all dirty dishes will be brought back to the kitchen for washing and storage.
- This project is scheduled for completion early 2019.



### Youth Building-Phase I

- The second floor has been poured and forms removed.
- The first floor architectural layout was approved by the user and drawings were prepared.
- The first floor will house the Youth Director's and Children's Director offices and church kitchen!
- Funds were received to begin block work on the first floor. Approximately \$3k of additional funds are needed to complete the first floor Youth and Children's departments.
- Funds in the range of \$35,000 are needed to complete the second floor youth meeting area.



### Soccer Field

- It's reported that all the damaged sprinkler heads have been replaced.
- The turf is making a come back from the summer soccer tournaments.
- Additional funding of approximately \$800 is needed to reseed the center of the field.



## Barye Fe' Campus

### Phase II Building

- The building is complete and classes have begun.
- The sunshade sails for the third floor have been designed and purchased from a firm in the US. The sails have been fabricated and have been shipped to CASCO for trans shipment to Haiti. I am awaiting a freight bill from CASCO before the sails are shipped.
- The handicap ramp requested by the Government has been built.



### Phase II Science Laboratory

- The science laboratory is complete.
- The septic tank for the bathrooms is complete.
- The corrosion waste water tank for the laboratory sinks is complete.
- The desks are complete with water, waste drains, electrical and corrosion resistant tops.
- The science equipment requested by the science teacher in Haiti was purchased in the US by Diane Payne and shipped in suitcases by the Palms Presbyterian Medical team and Pastor Profaute after the Board Meeting. All the very breakable glass equipment, microscopes, analytical balances and miscellaneous equipment arrived without any breakage. This action saved thousands of dollars over purchasing the equipment in Haiti.
- Chemistry classes began on Wednesday, November 7th!!!! Note beakers etc. on the lab tables.



### **Site Work**

- The school requested more space for a play field than what the continuing education students were able to provide this past summer.
- A grader was rented to complete the leveling for the future field. Funding in the amount of \$25,000 would provide a soccer field similar to those at the other schools.
- We have completed installing the pole, transformer and wiring for receiving EDH power. We are awaiting EDH to install the meter.

## **Terre Noire**

### **Guest House Cafeteria Upgrade**

- The project is complete.
- In my last report it was noted that we were investigating problems with the slickness of the floor tile that was purchased and installed by others. During our investigation we found a number of the tiles have lost adhesion and are cracking and popping up.
- It will be our recommendation to remove all the tile and replace the tile with a epoxy non skid flooring material.

### **Guest House Bathroom Upgrade**

- There have been numerous complaints of insufficient space in the stalls of the guest house bathrooms. These toilets were designed and constructed by others.
- A complete removal and reconstruction of the toilet facilities would be cost prohibitive.
- One recommendation would be to replace the toilet dividing walls with metal partitions. In addition, the women's toilet room could be expanded by 1-1.5' but the majority of space problems are in the men's toilets.
- It is recommended to work with the school to have the two bathrooms off the school cafeteria available for large teams. These bathrooms were constructed for teams 6-7 years ago for team overflow but have sat unused for several years.

### **Sanctuary Electrical & Architectural Upgrades**

- Funds from the church are available to paint the ceiling of the sanctuary to lighten the space. This work should begin shortly.
- Funds from teams and the church are available to begin the electrical lighting upgrades which will include a center row of lights in the sanctuary for better lighting for night services.

### **Sanctuary & Church Offices Expansion**

- A team has provided the funds to excavate and pour the foundations for the expansion. They left sufficient funds for Haitian workers to pour the slab on grade.
- Funds are needed in the range of \$20,000 to complete the second floor slab and another \$25,000 for the second floor roof.
- The expansion also includes moving out two sections of the current sanctuary walls to create additional seating. This work will require funding in the amount of approximately \$10,000.
- A team has committed funds to begin the columns and beams to the 2nd floor and that work will be accomplished next spring after funds are received.



### **School Backpack Hooks**

- This summer a team brought over 360 backpack hooks to be installed by the maintenance team supplemented by US volunteers in 11 school classrooms.
- Our medical team brought a additional 200 hooks that were installed by the maintenance team in the remaining 7 classrooms, thus completing this request by the school.

### **School Cafeteria Upgrades**

- Funds have been provided to replace the vent windows in the cafeteria with open windows, thus providing more ventilation and light in the cafeteria. This project should be complete in December.

## **General**

### **House of Hope Project**

- Additional concertina wire has been added to areas that abut neighbors' roofs.
- Our staff is coordinating with a team that would like to add solar panels to the house for additional electrical power needs.
- We are coordinating with Joseph Powell's church that has been asked to provide a LWW clean water system for the house.

### **Maintenance**

- An organizational meeting with Pastor Profaute was held to describe the the new maintenance structure. Marcelin Joseph is now the Director of Maintenance & Facilities in addition to his construction duties; Wisly Poudy is the general maintenance technician in addition to his duties as Visiting Construction team coordinator; Tho Philius is water & waste water technician in addition to managing the 4 clean water operators and Junior Volcy is the electrical maintenance and painting foreman. Wisly, Tho and Junior will report to Marcelin, who will in turn, report to Profaute. The meeting helped clarify everyone's responsibilities as the

MICECC maintenance team. One other part time member, Mario, will continue to service the generators on an as needed basis until funds could be made available to bring him on full time as the mechanical technician.

### **Vehicle Update**

- The F250 is operating as a pool vehicle, available to any of the mission partners. Lenes will check out the vehicle.
- The F650 is running and was used extensively to move construction materials from Repatriote to Barye Fe depot. It is for sale and we would like to replace it with a small dump truck that would be more serviceable.