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WHAT IS ENGINEERS WITHOUT BORDERS?

EWB-RHIT is part of the national Engineers Without Borders USA organization. EWB-USA is a non-profit humanitarian organization established to partner with developing communities worldwide in order to improve their quality of life. Since its founding in 2000, EWB-USA has run more than 80 projects in 35 countries. The projects we work on are initiated by and completed with contributions from the host community, which helps ensure that our work will be maintained after we leave.

Our **VISION** is a world where every leader is equipped to build and every community is built to thrive.

Our **MISSION** is to partner with communities and develop leaders to build a better world.



Current Project Background

The El Sembrador School is a fiscomisional (public/private partnership) school located in Ecuador, that currently serves about 120 students in grades K5-7. The community's hopes are for the school to be able to serve up to grade 12, however with the existing structure that is just not possible. Our project consists of helping to expand those existing facilities, by completing a structural analysis of the structure, designing and making structural improvements, constructing walls, designing and building a retaining wall and completing various finishes.



Updates on Project:

Seismic Design Modified

The rebar impediment depth and splice length have officially been calculated and updated in the technical plan and AutoCAD drawings

Implementation Report

Pre Trip Implementation Report Draft has been submitted for review. This draft is the next step in the technical documentation required for an implementation trip

Scheduling

The construction schedule has officially been approved. If all goes smooth construction should break ground in January and come to a complete in May

Future Plans/ Next steps

- The chapter will be traveling for an Implementation trip February 28th, 2026. Travel applications have been sent, and the team will be determined in the winter.
- In the upcoming weeks the technical plan will be 100% complete, the only element still in design are the nonstructural CMU walls



Fundraising & Marketing:

Fundraising and Marketing ran the first ever Great Duck Race event, where rubber ducks were sold and raced down a hill on campus.

The Great Duck Race:

Thank you to everyone who purchased and raced ducks in the Great Duck Race! We were very happy with the participation in our first ever time running this event, and were especially happy with the enthusiastic response to the theme. Congratulation to Global Engagement Director Kathy Hammett on her victorious duck!



 [instagram.com/ewb.rhit](https://www.instagram.com/ewb.rhit)

Interested in helping support the project?

<https://drive.google.com/file/d/1Hlc93h53b-tpzZDH3zstJzLsLdmQgy3Y/view?usp=sharing>

Want to know about the current and past Projects?

<https://wordpress.rose-hulman.edu/ewb/>

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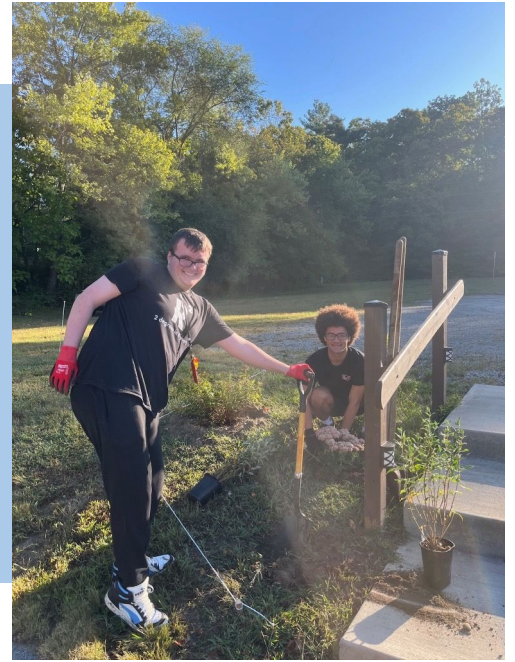




Community Involvement:

Fall day of service

This fall, EWB partnered up with American Society of Civil Engineers (ASCE) to volunteer at First Unitarian Universalist Congregation of Terre Haute. We helped maintain their grounds and pruned trees and other plants on the property.



Rebar Practice

In preparation for our trip to Ecuador this coming Spring, members gained experience in tying rebar. With the supervision of Rose-Hulman faculty, students tied rebar for a 6.5x2.5 meter wall. This practice will ensure that students will be prepared to make progress on the project immediately upon arriving at the build site.

