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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:

Structural Analysis Complete

All the members have been analysed current capacity. The needs of each member has been determined

Retaining Wall Design complete

The retaining wall is a structure designed to support and contain soil or other materials, preventing erosion and providing stability on sloped surfaces.

Cost Analysis Complete

The entire project is will over \$200,000 which the club plans to obtain through applying to grants

Future Plans/ Next steps

- The next steps with project design is redesigning the steel and concrete members now that the analysis has been complete
- EWB is planning on traveling back to Ecuador early 2025 to start construction of the project



Fundraising & Marketing:

This quarter fundraising and market put together two fundraisers to help reach the goal of \$200,000. With support from students, faculty, and the community both were able to be labeled a success. Be sure to look out for fundraising events for Engineers without Borders in the future

MOD Pizza:

To kick off the year Engineers without Borders held a spirit night at MOD pizza on January 10th, 2024. The night was a success. Along with getting to enjoy some good pizza the club earned \$300 to help support the project.



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

Valentines Grams:

Engineers without Borders had its annual candy gram sales for valentines day. After tabling for a week over 130 people supported the club through purchasing a valentine's day gram. The chocolate, non-chocolate, and bears sales that came with memes and stickers brought the club over \$500, making it the most successful fundraiser of the year.

Interested in helping support the project?

<https://drive.google.com/file/d/1Hlc93h53b-tpzZDH3zstJzLsLdmQqy3Y/view?usp=sharing>

Want to know about the current and past Projects?

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