
SENIOR CENTER RAMP IN PENDLETON, SC



FREEDOM BY DESIGN
CLEMSON UNIVERSITY





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MISSION STATEMENT

002

“FREEDOM BY DESIGN USES THE TALENTS OF
ARCHITECTURE STUDENTS TO RADICALLY IMPACT THE LIVES
OF PEOPLE IN THEIR
COMMUNITY THROUGH MODEST DESIGN AND
CONSTRUCTION SOLUTIONS. THE PROGRAM EMBRACES
EFFORTS TO PROVIDE BOTH DESIGN-BUILD
AND ENGAGEMENT SOLUTIONS TO ADDRESS 5 BARRIERS:
PHYSICAL, EDUCATIONAL, ENVIRONMENTAL, SOCIO-
ECONOMIC, AND CULTURAL.”

-FBD HANDBOOK



ABOUT THE PROJECT

003

THE FREEDOM BY DESIGN PROGRAM AT CLEMSON UNIVERSITY IS CONSTANTLY LOOKING FOR NEW WAYS TO HELP OUR COMMUNITY THE MOST. LAST YEAR, WE GOT IN CONTACT WITH STEVE MILLER, THE PENDLETON TOWN DIRECTOR. WORKING WITH STEVE, WE REBUILT AN OLD RAMP THAT LIES IN FRONT OF A LOCAL SENIOR CENTER. BECAUSE OF THE CURRENT CONDITION, IT HAD BECOME A SAFETY CONCERN FOR THOSE WHO USE IT.

WE PLANNED TO KEEP AS MUCH OF THE UNDERLYING STRUCTURE AS POSSIBLE, WHILE REPLACING THE BOARDS THAT YOU WALK ON AND DESIGNING A SOLUTION TO IMPROVE THE AESTHETIC AND STRUCTURAL QUALITIES OF THE RAILING. BY FOCUSING ON STUDENT INVOLVEMENT, WE BROUGHT TO THE TABLE THE SKILLS THAT WE ARE LEARNING IN THE CLASSROOM AND WERE ABLE TO FURTHER OUR KNOWLEDGE OF BUILDING AND CONSTRUCTION TECHNIQUES.



TEAM MEMBERS

JESSE SMITH

DIRECTOR

AARON AUTRY

PROJECT MANAGER

KYLIE WALKER

HISTORIAN

ED MOORE

PUBLIC RELATIONS



SPECIAL THANKS

005

OUR BOARD WAS NOT THE ONLY GROUP OF PEOPLE TO ENSURE THE COMPLETION OF THE PROJECT. THIS RAMP WOULD NOT HAVE BEEN POSSIBLE WITHOUT HELP FROM OUR FELLOW STUDENTS, WHETHER IN AIAS OR NOT. THERE WERE ALSO COUNTLESS PEOPLE FROM THE TOWN OF PENDLETON WHO STOPPED BY DURING THE BUILD TO LEND A HELPING HAND.

THANK YOU



TO KEEP STUDENTS AT CLEMSON UNIVERSITY UPDATED ON THE PROGRESS OF THE PROJECT, WE CREATED THE FREEDOM BY DESIGN NEWSLETTER. THIS NEWSLETTER WAS ISSUED AS KEY EVENTS WERE SCHEDULED OR SIMPLY TO HELP STUDENTS STAY INFORMED ABOUT THE RAMP.

FBD Newsletter

Clemson University | Issue No. 1



Mission Statement

Freedom by Design, the AIAS community service program in partnership with the National Council of Architectural Registration Boards (NCARB), uses the talents of architecture students to radically impact the lives of people in their community through modest design and construction solutions. The program embraces efforts to provide both design-build and engagement solutions to address 5 barriers: Physical, Educational, Environmental, Socio-Economic, Cultural. Freedom by Design (FBD) encourages students to serve their communities by addressing issues with design solutions. FBD provides real-world experience through working with clients, learning from local licensed architects and contractors, and experiencing the practical impacts of architecture and design.

Important Dates

18 Design Charrette
157 Cherry St, Pendleton, SC

Student Design Charrette

The AIAS Freedom by Design program will have a rescheduled design charrette on Monday at 11 am. It will be located at the build site at 157 Cherry St. in Pendleton. The town director, Steve Miller, as well as council woman Sandra Gantt and Steve's intern Amber Mann will be present to view our designs and discuss what they are expecting of the project. We will be supplying some images, trace paper, and drawing materials that students can use to come up with some of their own ideas.

Contact Information

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Current Project

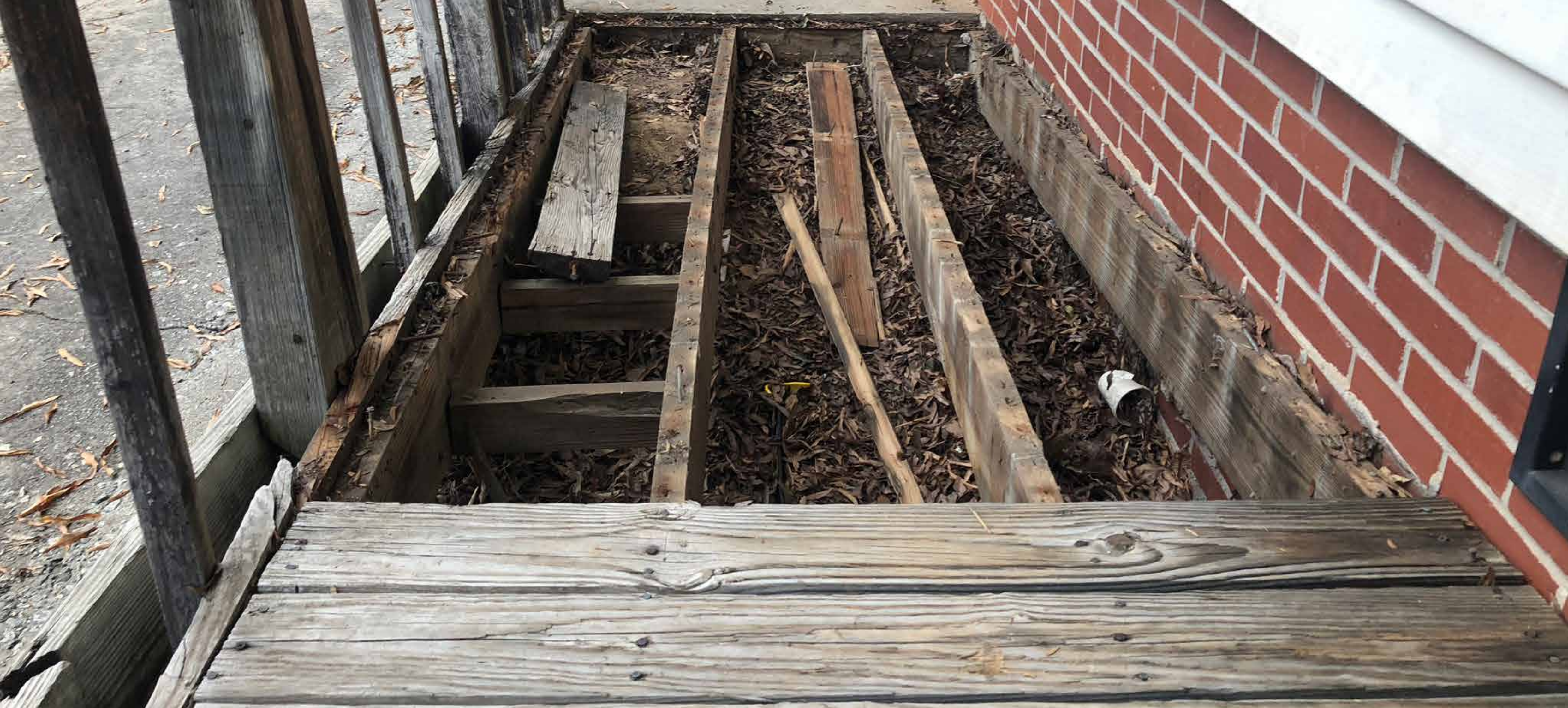
The Freedom by Design program at Clemson University is constantly looking for new ways to help our community the most. Last year, we got in contact with Steve Miller, the Pendleton Town Director. Working with Steve, we are rebuilding an old ramp that lies in front of a local senior center. Because of the condition that it's in, people haven't been able to use it as much. We plan to keep the underlying structure, but will need to replace the boards that you walk on and will come up with a design solution to improve the aesthetic and structural qualities of the railing. By focusing on student involvement, we can bring to the table the design skills that we are learning in the classroom as well as the building and construction techniques that we use every day.



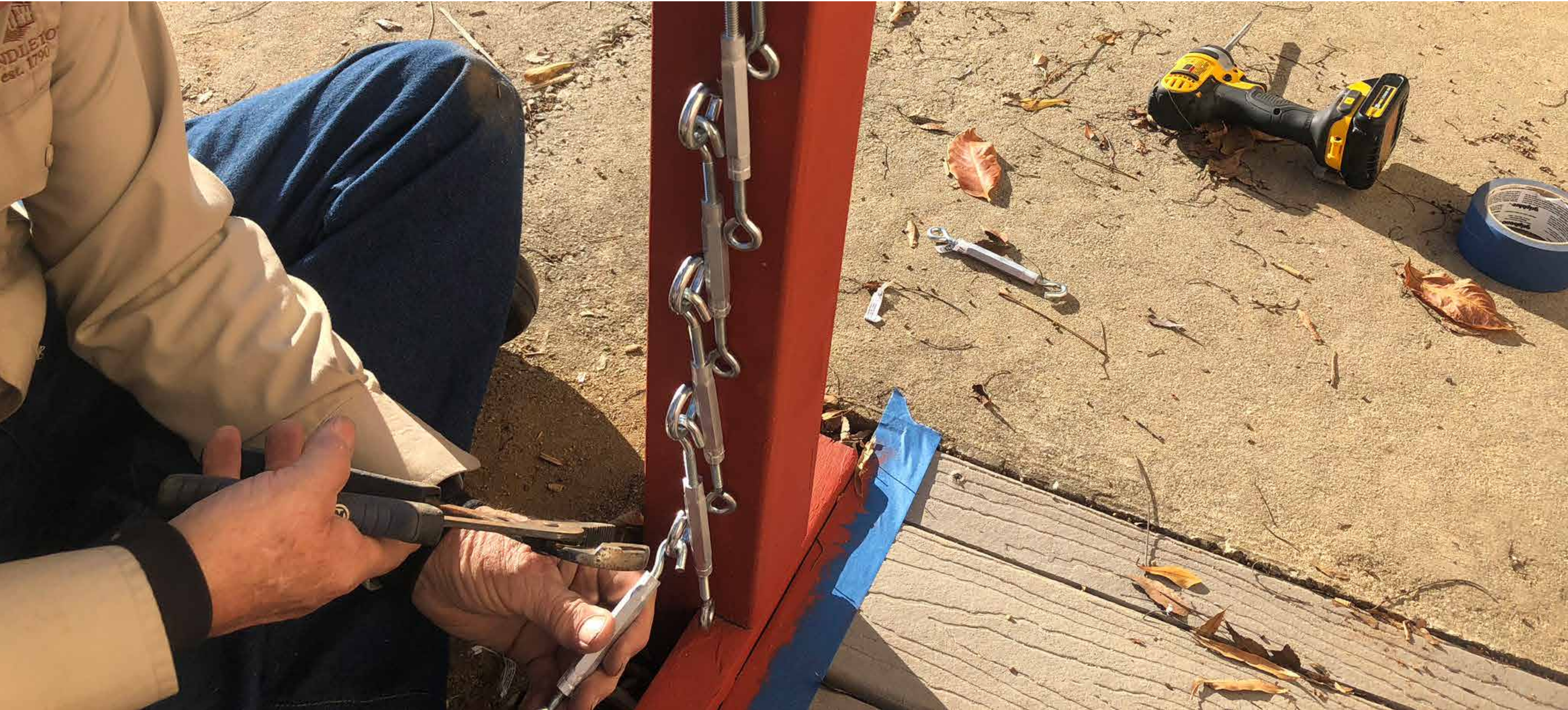
EXISTING RAMP







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FINISHED PRODUCT















