



# A Summer with Howard County General Hospital and DPR Construction



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Architecture

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## Introduction

Over the Summer of 2019, I worked with the Construction General Contractor DPR Construction. This was my second internship with DPR but my first as a college student and thus more was expected of me this time around.

## Impact:

There is a huge community impact from this project. Mental health is becoming a huge issue in today's modern world and by building places for people to get the help we need, we are making a huge difference in the world.



## Site Information:

Name of Site: Howard County General Hospital (DPR Construction)

Address: 5755 Cedar Ln, Columbia, MD 21044

Your supervisor: Matthew Hedrick

The site mission: Construct a new psych ward at Howard County General Hospital

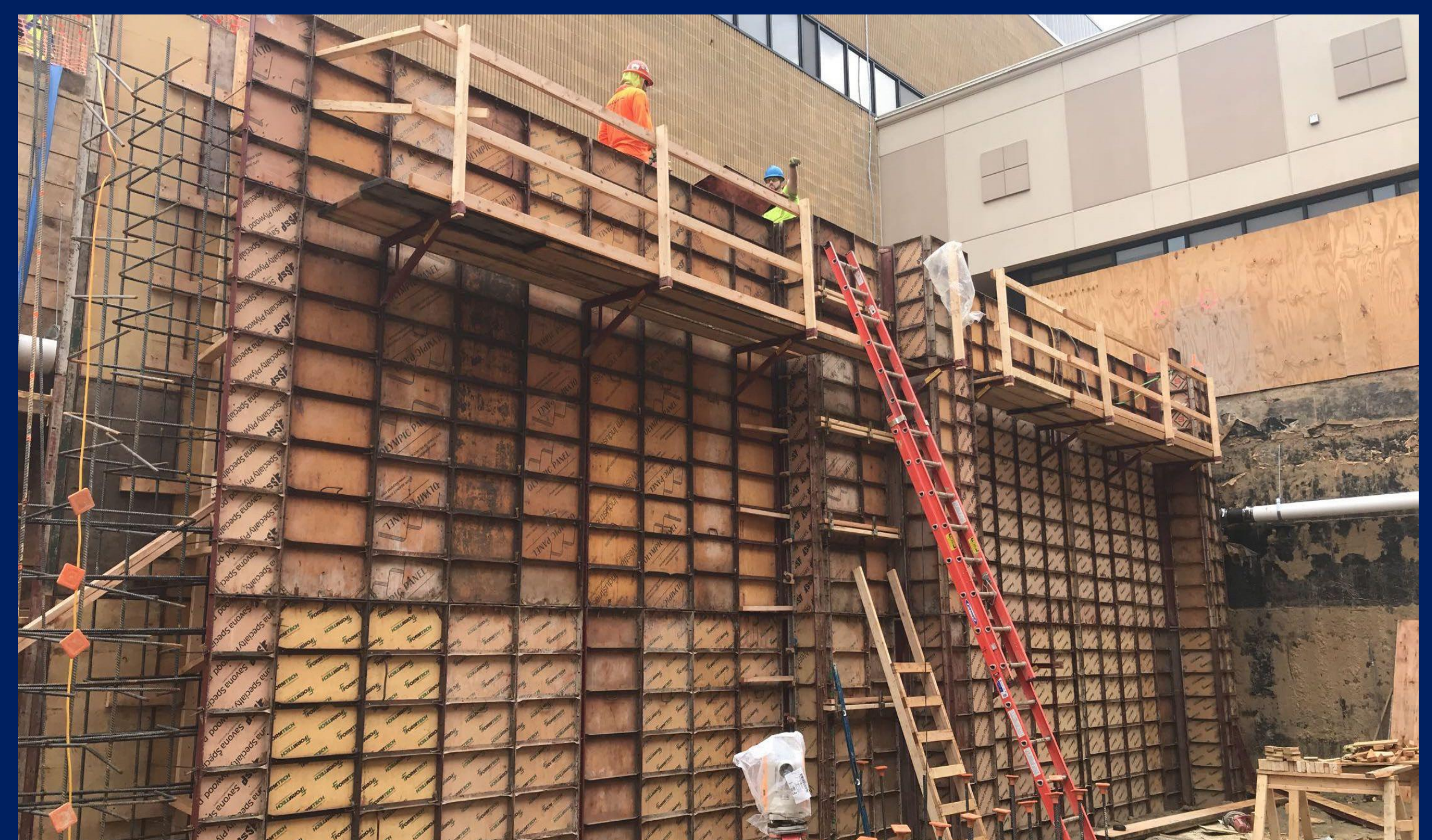
The particular goals of the site you were at: Facilitate construction and maintain progress

## Issues Confronting Site:

One issue we came across while working on this project was the amount of rain we experienced. This past summer was one of the most wet in recent history and we could not do as much in the rain as we can in normal weather. Another issue we came across is the amount of owner change order we had to deal with as we worked.

## Activities:

- Wrote RFI's (Request for Information)
- Meeting Minutes
- On-Site Handywork
- Distributed Site and Project Drawings to Subcontractors
- Punchlist Management
- General Clerical Work



Pictured here is the setup before a concrete pour for one of the basement walls. It took many days to get the wall pour set up as we would have to make sure each section was secure enough to support the concrete.

## Discussion:

One of the core areas DPR develops buildings in is Healthcare. As modern medicine and knowledge of it continues to grow, healthcare facilities and research facilities are needed to help keep the development of knowledge ongoing. Even right now with the ongoing COVID-19 outbreak, healthcare and research facilities are at an all time need. The need for healthcare and research facilities is always going to be there and is a worthy field to invest time and money into.

## Future Work:

For my future work, I plan to continue to work with DPR in future internships. I have been invited back for the Summer of 2020 and with the current world crisis, I am curious to see how the construction industry continues working during this weird time in the world.

## Acknowledgments:

I would like to thank my site supervisor and mentor Matthew Hedrick for offering me this internship and allowing me to develop an interest in the construction field. If it weren't for him I would never have wanted to do construction. I would also like to thank Dr. Holtz and Dr. Merck. It was an honor being apart of the Science and Global Change Program and I wouldn't want to trade it in for any other experience.

