

CASE STUDY

ED Expansion during COVID-19

LOCATION

New York City

This New York City Hospital, like every other health system in the world, worked tirelessly to help contain the COVID-19 pandemic.

Prior to the numbers spiking in New York, they began working with our team in early February to study options for a pre-manufactured construction solution to quickly address the anticipated increase in the number of patients.



PROJECT STATS + HIGHLIGHTS

2 weeks

of design development

1 week

to install

7 days

delivered ahead of schedule

**ARCHITECT/
DESIGN FIRM**

Perkins Eastman

**CONSTRUCTION
MANAGER**

Lendlease



Once engaged, our ForBuild team worked to develop typical treatment rooms that could be built in their existing Emergency Department using DIRT's quick and clean method of construction. When the hospital determined they would convert a portion of their ground level into a 12-16 bed emergency unit, our team mobilized to work with the contractor (Lend Lease) and architect (Perkins Eastman) to take the typical 6-12 month design process down to two weeks of design development. We were able to expedite the pre-construction process and go into manufacturing for this ICU project in record time.

DIRT manufactured the solution in less than three weeks and the ForBuild team was able to install it in one week.



With an unprecedented flood of new patients coming to their Emergency Department, they initially had to line their hallways with patients and had nowhere to treat them. With DIRT's rapid response measures in place and a strong manufacturing team in Savannah, GA, we were able to deliver the project seven days sooner than anticipated.



Using this approach, the hospital had an Expanded Emergency Department ready to treat Coronavirus patients in just two months from kick-off to install.