BIM from the Beginning

Connecting all employees, specialties, and processes, BIM was

IN THEIR OWN WORDS

clarifies how we think about and meet new challenges.”

—— James Burt, Quintain (client)

OUTCOME

184,504 MODELS

HIGHLIGHTS

CONNECT TWO TOWERS.

facilities

THREE BRIDGE LAYERS

and avoiding costly rework for delivery ahead of schedule.

IN THEIR OWN WORDS

“Digital Project Delivery is an excellent approach for delivery processes, and we look to work with our construction partners

IN THEIR OWN WORDS

now, it’s hard to imagine doing a project like this any other way.”

—— Paddy Ryan, BIM Lead, Mace Group

OUTCOME

REDUCED cost by

35%

INCREASED PRODUCTIVITY

35%

With continued technological innovation happening across construction,

IN THEIR OWN WORDS

“We found that we couldn’t do most of the project without BIM and IoT. We had to use the two in order to move forward.”

—— Alain Debaun, CEO of China Construction Eighth Engineering Division Corp., Ltd.

OUTCOME

90–100% SALVAGED

HIGHLIGHTS

Kendeda Building for Innovative Sustainable Design

Georgia Institute of Technology, United States, 2020 AEC Excellence Winner

IN THEIR OWN WORDS

sustainability goals. Always think about the opportunities not

—— Albert E. Lasker, CHBA

OUTCOME

ENERGY

of its

105%

to waste, even in terms of becoming a paperless project.”

—— Paddy Ryan, BIM Lead, Mace Group

IN THEIR OWN WORDS

“By adopting lean, integrated workflows, the extended project team

IN THEIR OWN WORDS

“Making Sites Safer, More Productive”

By embracing BIM and IoT, the entire project lifecycle was

IN THEIR OWN WORDS

“With BIM, it’s all about team building and collaboration.”

—— Paddy Ryan, BIM Lead, Mace Group

OUTCOME

INCREASED PRODUCTIVITY

35%

OUTCOME

REDUCED time spent on

35%

QA/QC processes.

IN THEIR OWN WORDS

“Using sensors and devices connected to the cloud, we monitor building components’ structural integrity, track

IN THEIR OWN WORDS

“We couldn’t have achieved this without the power of BIM and IoT.”

—— Paddy Ryan, BIM Lead, Mace Group

OUTCOME

INCREASED PRODUCTIVITY

35%

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