Matterport's CAD File Add-On, a One-Click CAD Creation Tool to Simplify Design Workflows

The feature will produce editable CAD drawings direct from Matterport digital twins, reducing design and documentation time

Nearly 70% of rework in the construction industry is caused by design changes, errors, or omissions, making documentation a critical part of any new project to verify construction is being performed to standards and according to design.

Most design processes begin with Computer-Aided Design (CAD) drawings, however accurate drawings are often time-consuming and difficult to produce, requiring professionals specially trained in surveying and modeling to execute.

Historically, Matterport has only delivered CAD files as part of its BIM file add-on however for projects that don't require the level of detail of BIM, this added unnecessary time and cost to a project. With the new CAD file add-on, Matterport customers can reduce design and documentation time through a one-click solution producing editable CAD drawings from Matterport point clouds.

The CAD file add-on package will include:

- .DWG CAD format of floor plans and reflected ceiling plans (AutoCAD 2020 version)
- .DXF exported from .DWG
- PDF of all floor plans and reflected ceiling plans
- .RCS Point Cloud File
- .CTB file of plot styles for CAD

"Great design and successful projects start with a solid foundation, yet the industry continues to rely on time-consuming tools and processes to get the job done," said Stephanie Lin, Sr. Director, Business Strategy, Matterport. "With our CAD file add-on, we're making CAD creation faster and more accessible so that anyone can kickstart the design process to streamline projects."

The CAD file add-on builds on Matterport's existing add-ons and integrations for design and construction professionals, such as Matterport BIM files (includes both BIM and CAD), the MatterPak Bundle (includes colorized point cloud, reflected ceiling

plan images, high-resolution floor plan images, 3D mesh file and texture map images), and integrations with the world's leading construction project management software tools like Procore Technologies and Autodesk Construction Cloud.