AUTODESK BIM 360 PRODUCT ANNOUNCEMENT

The Evolution of Construction Layout

Paul Walker, Autodesk BIM 360 Product Manager
Jarrod Krug, Autodesk BIM 360 Industry Marketing Manager
Connecting Project Teams & Project Data Via A Common Cloud Database
BIM 360 Layout Feature Overview
BIM 360 Layout | Ecosystem

CONNECT: BIM 360 Service

CREATE: Point Authoring

Autodesk Point Layout Add-Ins

MANAGE: Assign & Track

PERFORM: Execution

Targeted apps for the field

Quantities / Resources

Model & data management

Coordination & Quality

Review & Collaboration

Layout and Verification

Field Documents

Field Verification / Commissioning

Glue

Layout

Field
After logging into BIM 360 Layout, the user can then layout assigned points.
BIM 360 Layout app Feature Overview

Intuitive, step-by-step guide for setting-up the total station
BIM 360 Layout app Feature Overview

Full Screen viewing and navigation (point list hidden)
BIM 360 Layout app Feature Overview

Plan-view options for navigation in the model
BIM 360 Layout app Feature Overview

Collect As-built point information for deviation analysis
Topcon LN-100 Total Station

- Range: 3ft – 328ft
- Not intended to replace survey-grade robotic instruments for bringing control into buildings
- Communicates with iPad via WiFi
- Self leveling, 3 – button set-up
- Accuracy: 1.5mm horizontal, 3mm vertical
Creating a New Office to Field Layout Workflow
Deviation Analysis in Revit

1. Coordinated Model/Point Creation
2. Upload to BIM 360 Glue
3. Sync to BIM 360 Layout

As-built Collection

Upload to BIM 360 Glue
Task/Issue Creation in APL from Deviation

Upload issue/task from APL into BIM 360 Field Web

User syncs with BIM 360 Field Web to view task/issue on iPad