



2022 Digital Construction Summer School

Autodesk Build

The New Possible in Construction

Emily Edelstone

Technical Solutions Executive | Autodesk



About Me



Emily Edelstone, E.I.T.

Technical Solutions Executive

Autodesk

- B.S. & M.S. Civil/Construction Engineering from USC
- Almost 10 years experience in construction as Project Engineer, Estimator and Superintendent
- San Diego based

Presentation agenda

- Where does Autodesk Build sit in the Construction Cloud?
- Sheets
- Issues
- RFI's / Submittals
- Forms
- Q&A



AUTODESK Construction Cloud

D AUTODESK® DOCS

C AUTODESK® BIM COLLABORATE PRO

T AUTODESK® TAKEOFF

B AUTODESK® BUILD

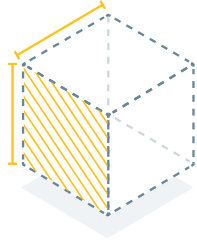
T AUTODESK TANDEM™

N AUTODESK® NAVISWORKS

R AUTODESK® REVIT®

C AUTODESK® CIVIL 3D®

I AUTODESK® INVENTOR®



assemble

B AUTODESK® BIM 360™ GLUE



ProEst

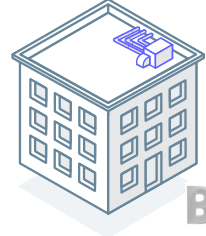
B BUILDINGCONNECTED



Pype

B AUTODESK® BIM 360™

P PlanGrid
AN AUTODESK COMPANY



B AUTODESK® BIM 360™ OPS

	DESIGN	PLAN	BUILD	OPERATE
Capabilities	<ul style="list-style-type: none"> • Design Authoring • Design Collaboration 	<ul style="list-style-type: none"> • Coordination • Model Conditioning • Quantification • Estimating • Bid Management • Qualification 	<ul style="list-style-type: none"> • Project Management • Cost Management • Quality • Safety • Project Closeout 	<ul style="list-style-type: none"> • Facilities Maintenance • Asset Lifecycle
Shared Data	Models · Drawings · Issues · Specifications · RFIs · Cost · Assets · As-Builts · Photos · Video			
Insight	Dashboards · Reports · Construction IQ · Data Connector			
Network	Builders Network			

AUTODESK Construction Cloud

AUTODESK BIM Collaborate

AUTODESK Takeoff

AUTODESK Build

Capabilities	Design Collaboration	Coordination	Quantification	Project Management	Cost Management	Quality	Safety	Project Closeout
Workflows	<ul style="list-style-type: none"> Constructability Review Change Visualization Revit Cloud Worksharing Collaboration for Civil 3D / Plant 3D 	<ul style="list-style-type: none"> Model Coordination Constructability Review 	<ul style="list-style-type: none"> Scope Analysis 2D/3D Takeoff 	<ul style="list-style-type: none"> RFIs Submittals Meeting Minutes Daily Reports 	<ul style="list-style-type: none"> Contract Creation / Administration Change Orders Payment Applications Forecasting 	<ul style="list-style-type: none"> Quality Planning Quality Checking Punchlists Issue Management 	<ul style="list-style-type: none"> Safety Planning Safety Training Safety Observations Safety Inspections 	<ul style="list-style-type: none"> Commissioning Turnover Documentation Final Completion As-Built Survey
	Document Management	Document Control · Document Versioning · Document Approvals						
Unified Data		Models · Drawings · Documents · Cost Items · Assets · As-Built · Photos · Videos						
Insight		Dashboards · Reports · Construction IQ · Data Connector						
Admin		Admin Console · Permissions · Project Setup · Templates · Notifications						

AUTODESK Build

Empower builders with a field execution and project management solution to seamlessly collaborate and deliver construction projects on time, on budget.



Project
Management



Quality
Management



Safety
Management



Project
Closeout

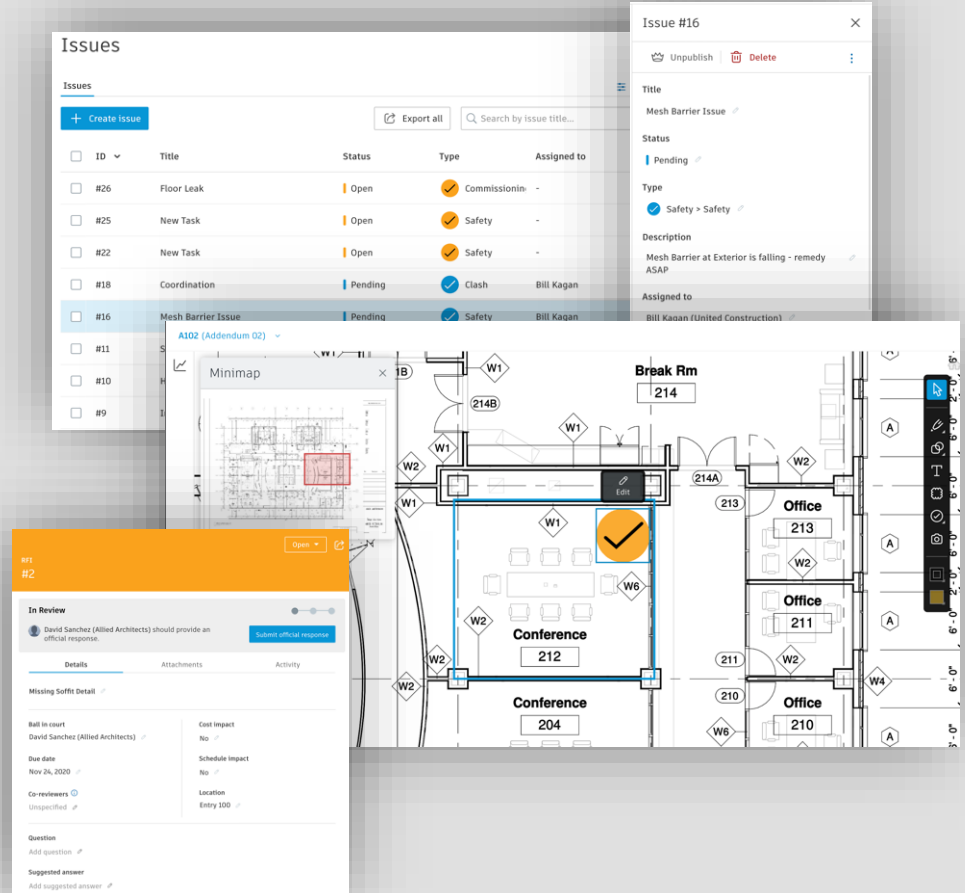


Cost
Management



Document
Management

 **AUTODESK** Construction Cloud



The screenshot displays the Autodesk Build interface. At the top, there's a navigation bar with the Autodesk logo and 'Construction Cloud'. Below it, a 'Issues' panel shows a list of issues with columns for ID, Title, Status, Type, and Assigned to. Issue #16, 'Mesh Barrier Issue', is highlighted. To the right, a detailed view of Issue #16 shows its title, status (Pending), type (Safety > Safety), and description ('Mesh Barrier at Exterior is falling - remedy ASAP'). Below the issues list, a 2D architectural floor plan is shown, with a red box highlighting a specific area. A 'Minimap' is visible in the top left of the floor plan view. At the bottom, a 'Details' panel for Issue #16 is shown, including fields for 'Ball in court', 'Due date', 'Co-reviewers', 'Cost Impact', 'Schedule Impact', and 'Location'. A 'Question' section is also visible at the bottom of the details panel.

ID	Title	Status	Type	Assigned to
#26	Floor Leak	Open	Commissionin	-
#25	New Task	Open	Safety	-
#22	New Task	Open	Safety	-
#18	Coordination	Pending	Clash	Bill Kagan
#16	Mesh Barrier Issue	Pending	Safety	Bill Kagan
#11				
#10				
#9				

Issue #16

Title: Mesh Barrier Issue

Status: Pending

Type: Safety > Safety

Description: Mesh Barrier at Exterior is falling - remedy ASAP

Assigned to: Bill Kagan (Limited Construction)

Issue #16 Details

In Review

David Sanchez (Allied Architects) should provide an official response. [Submit official response](#)

Details | Attachments | Activity

Missing Soffit Detail

Ball in court: David Sanchez (Allied Architects)

Due date: Nov 24, 2020

Co-reviewers: Unspecified

Cost Impact: No

Schedule Impact: No

Location: Entry 100

Question

Add question

Suggested answer

Add suggested answer



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