

# Buildings and Infrastructure— Together at Last!—with BIM Collaborate Pro

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Sr. Product Manager,  
Cloud Products, Autodesk

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Sr. Mgr., Building Technical  
Marketing, Autodesk

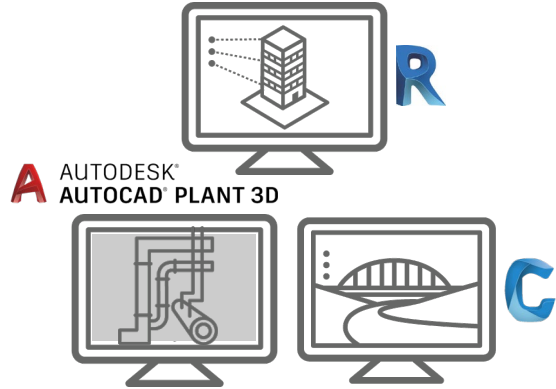
## Wes Newman

Sr. Mgr., Infrastructure  
Technical Marketing,  
Autodesk

**So...what is Autodesk  
BIM Collaborate Pro?**

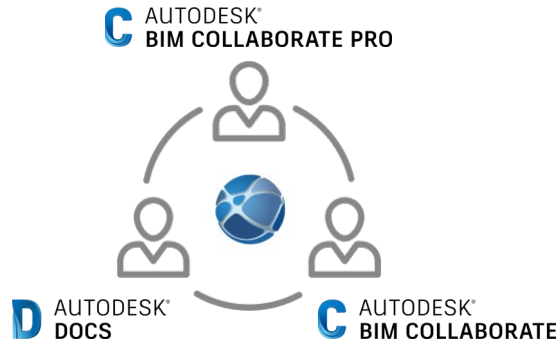
# A platform for the whole project team

Autodesk BIM Collaborate Pro



Work anytime, anywhere in  
**Revit, Civil 3D & Plant 3D**

Designers (Authors)



Centrally manage your data in  
a **unified platform**

VDC Managers /  
Reviewers



Share feedback, view insights, and  
detect clashes **on any device**

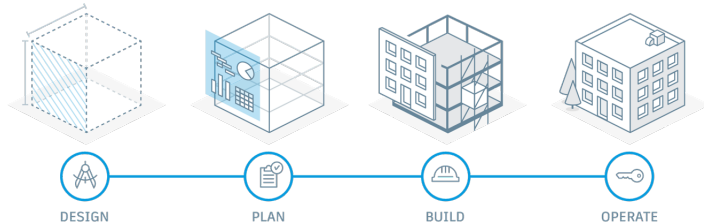
Decision Makers

# Autodesk Construction Cloud



**AUTODESK CONSTRUCTION CLOUD™**

An umbrella brand for Autodesk's suite of AEC offerings connecting workflows, teams and data across the entire project lifecycle...



DESIGN

PLAN

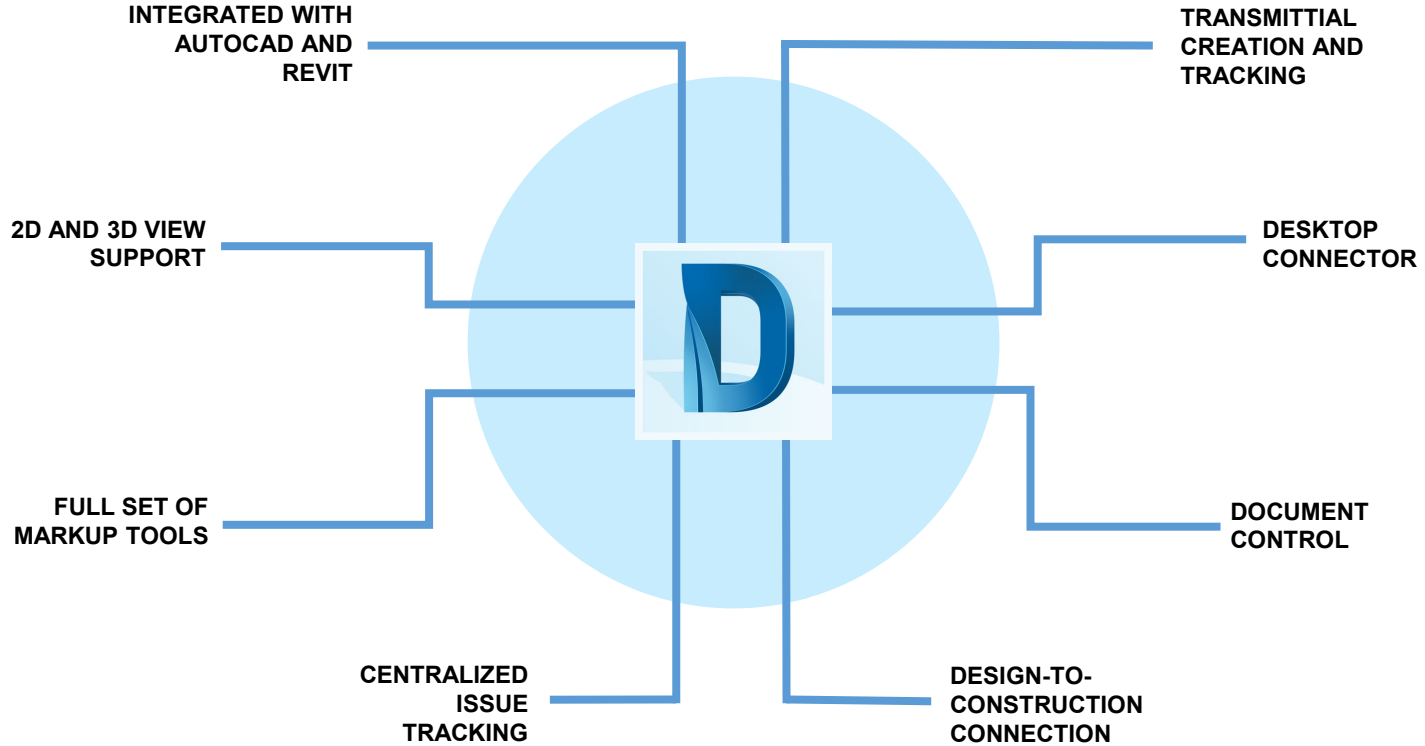
BUILD

OPERATE

...through one common data environment

**D** AUTODESK® DOCS

# Autodesk Docs



# Autodesk BIM Collaborate



## Docs

- 50+ file formats
- Robust permissions
- 2D and 3D version comparison
- Issues and markups



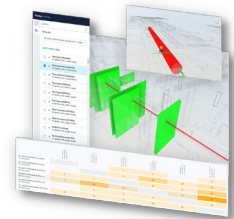
## Design Collaboration

- Set publishing
- Package review and distribution
- Visual version comparison
- Design issues



## Model Coordination

- Automated clash detection
- Clash grouping
- Coordination issues



# Autodesk BIM Collaborate Pro

Revit Users



## Docs

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- 2D and 3D version comparison
- Issues and markups



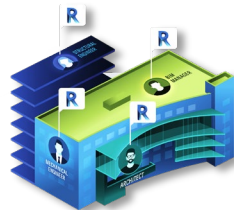
## Revit Cloud Worksharing

- Anytime, anywhere Revit collaboration
- Controlled cloud worksharing



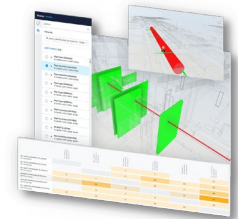
## Design Collaboration

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# Autodesk BIM Collaborate Pro

Civil 3D Users



## Docs

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- Issues and markups



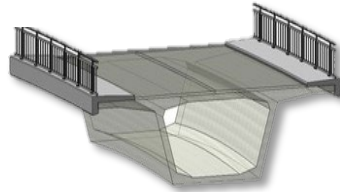
## Collaboration for Civil 3D

- Civil 3D projects managed in the cloud
- Create & Consume Data Shortcuts
- Automated File Locking



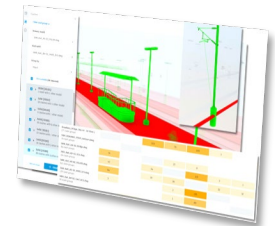
## Design Collaboration

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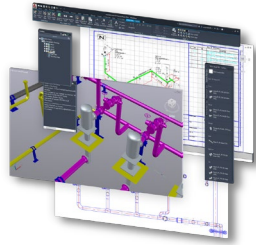
# Autodesk BIM Collaborate Pro

Plant 3D Users



## Docs

- 50+ file formats
- Robust permissions
- 2D and 3D version comparison
- Issues and markups



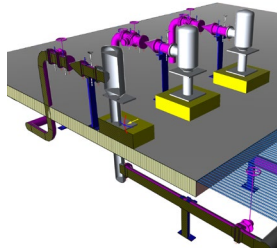
## Collaboration for Plant 3D

- Project Sharing and Review
- Streamlined Approval Workflows
- Simplified Administration



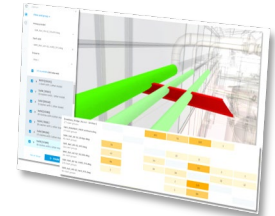
## Design Collaboration

- Set publishing
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- Design issues



## Model Coordination

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- Coordination issues



# Autodesk BIM Collaborate Pro





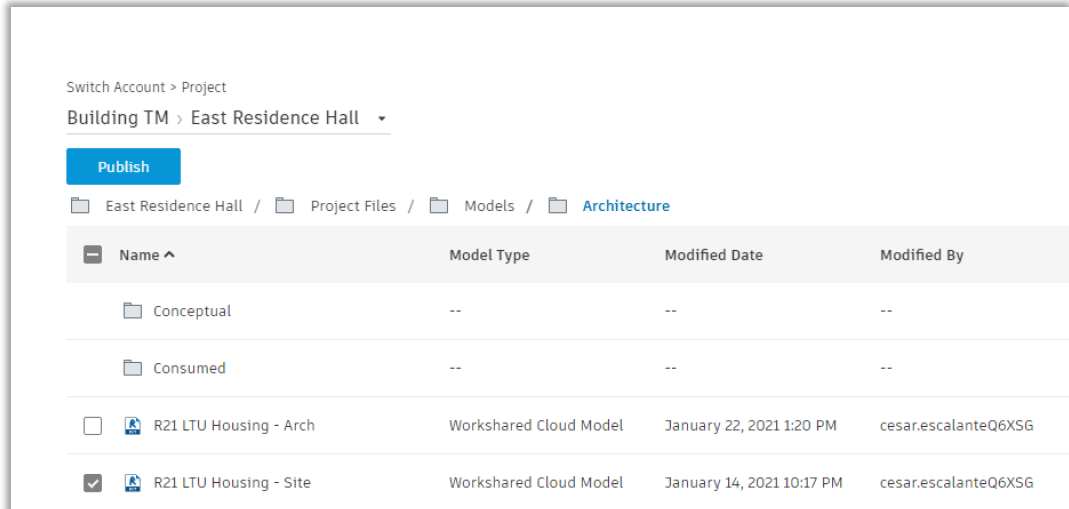
**For Buildings**

# Collaborate anytime, anywhere

## Autodesk BIM Collaborate Pro

- Extend worksharing to virtually anywhere
- Enable easy, secure multi-firm concurrent authoring



Connect project teams with centralized access to BIM project data in the cloud, with no need for costly IT setup



Switch Account > Project  
Building TM > East Residence Hall

[Publish](#)

East Residence Hall / Project Files / Models / [Architecture](#)

<input type="checkbox"/>	Name ^	Model Type	Modified Date	Modified By
<input type="checkbox"/>	Conceptual	--	--	--
<input type="checkbox"/>	Consumed	--	--	--
<input type="checkbox"/>	 R21 LTU Housing - Arch	Workshared Cloud Model	January 22, 2021 1:20 PM	cesar.escalanteQ6XSG
<input checked="" type="checkbox"/>	 R21 LTU Housing - Site	Workshared Cloud Model	January 14, 2021 10:17 PM	cesar.escalanteQ6XSG



Properties

3D - Clean

3D View

3D View: 3D - Clean Edit Type

Graphics

Detail Level	Fine
Parts Visibility	Show Original
Visibility/Graphics Overri...	Edit...
Graphic Display Options	Edit...
Discipline	Coordination
Default Analysis Display ...	None
Sun Path	<input type="checkbox"/>

Extents

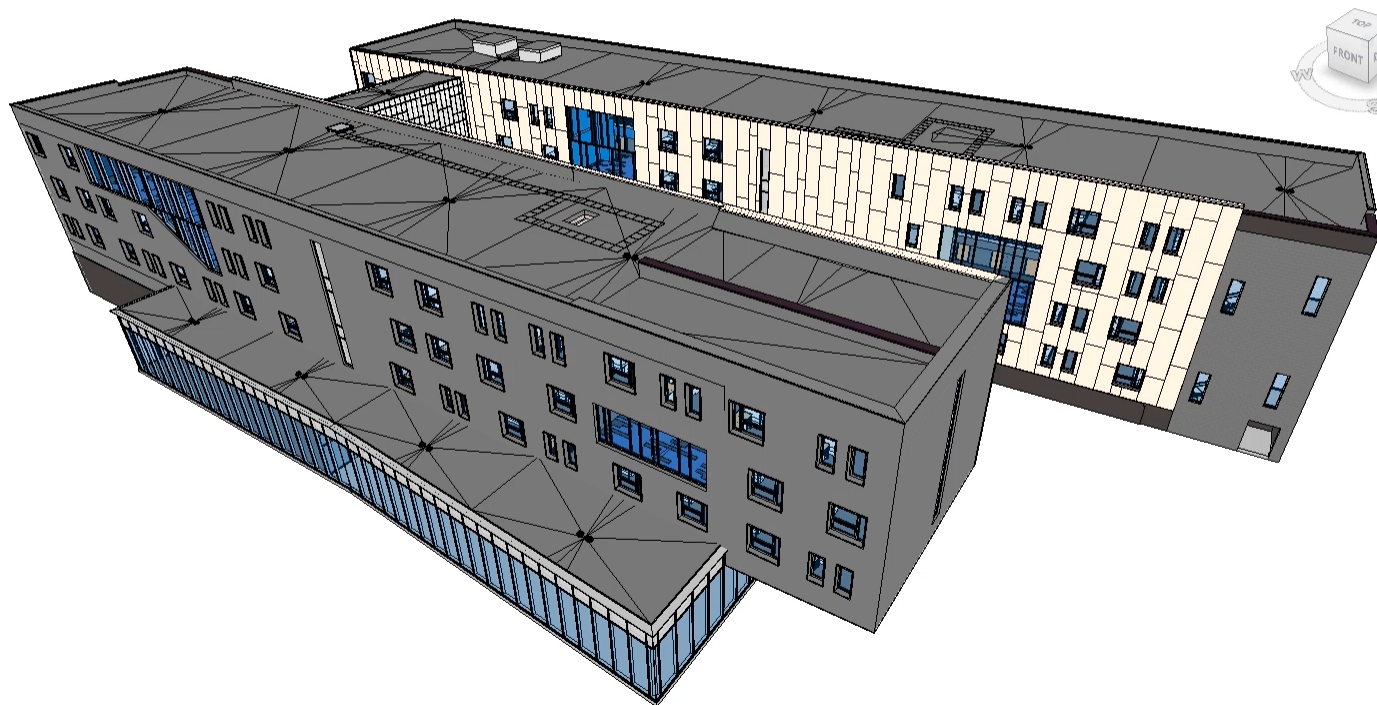
Crop View

[Properties help](#) Apply

Project Browser - R21 LTU Housing - Arch.rvt

Views (all)

- Floor Plans
- Floor Plans (Floor Plan\_Enlarged)
- Ceiling Plans
- 3D Views
  - 3D - Clean**
  - 3D SLAB
  - 3D View 1
  - 3D View 2
  - 3D View 3
  - 3D View 4
  - 3D View 5
  - 3D View 6
  - 3D View 7
  - 3D View 8
  - 3D View 9
  - 3D View 10



Perspective

General (Not Editable)

Main Model

Editable Only

# Manage design collaboration

## Autodesk BIM Collaborate Pro

- Manage design exchanges between teams
- Track milestones to ensure accountability
- Analyze 2D and 3D changes

Track project activity, monitor changes, and manage collaboration between teams to best suit your project needs

The screenshot displays the Autodesk Construction Cloud Design Collaboration interface for a project named 'East Residence Hall'. The top navigation bar includes the Autodesk logo, 'Design Collaboration', and the project name. A left sidebar lists design disciplines: Civil, Coordination, Landscape, MEP, Structure, and Architecture, with the Architecture discipline selected. The main workspace shows a timeline with colored bars representing design exchanges for each discipline. Below the timeline, a filter is visible. A detailed view for the 'Architecture (11)' discipline is shown, listing 120 sheets and 1 set. The 'Levels' panel on the left lists various levels and models, with 'LEVEL 3 - FINISH FLOOR' selected. The right side of the interface features a 3D model of a building with a glass facade, and a 'Back to last view' dropdown menu is visible above it.

- Design Collaboration
- Home
- Project Status
- Meetings
- Members
- Settings

- Architecture
- Civil
- MEP
- Structure
- R21 LTU Housing - Str...



Philippe Bonneau

Filter

### Structure

Increase or decrease the time span shown in the project timeline.

0 Sheets 4 3D views Project Model

Search

Update to latest Schedule publish

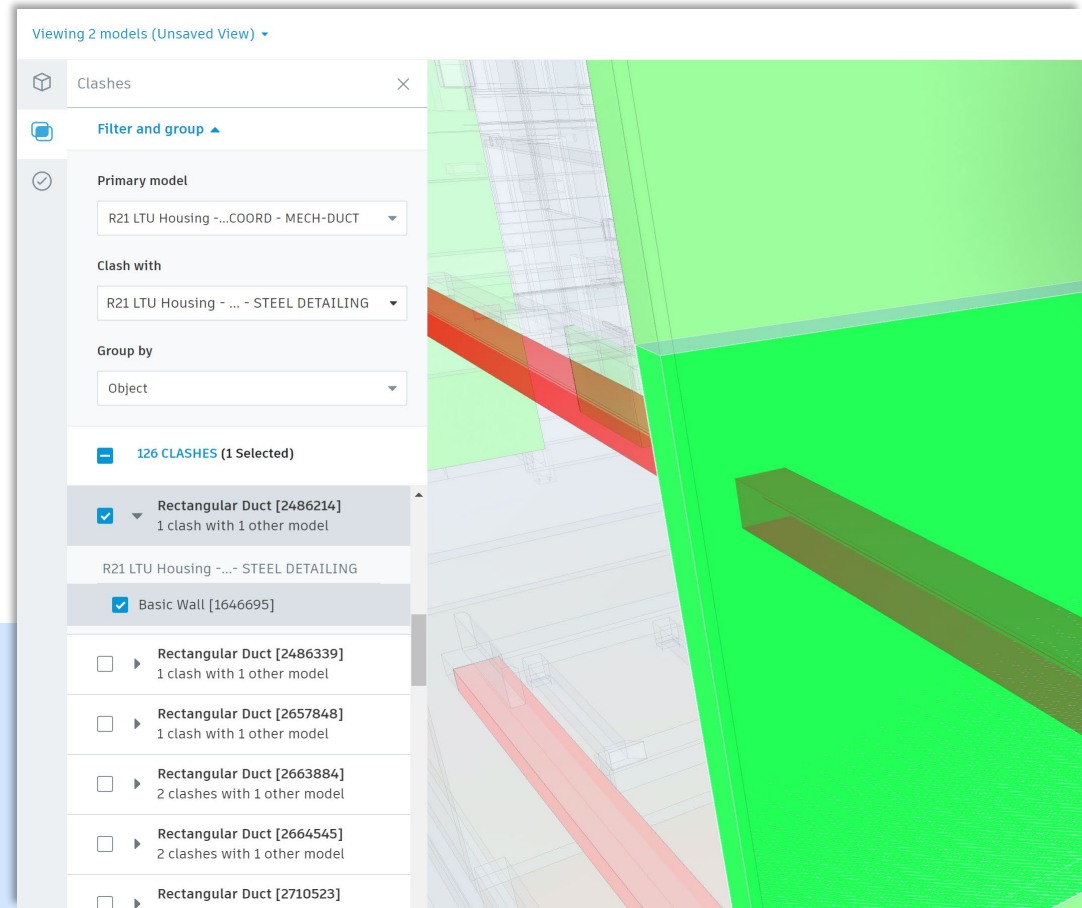
Sets	Sheets	3D views	Update date
Steel Detailing	0	4	Jan 11, 2021 7:11 PM

# Streamline model coordination

Autodesk BIM Collaborate Pro

- Automatically detect clashes when models are published or updated
- Group clashes by object
- Create and assign coordination issues

Involve the entire project team in the model coordination process, including issue tracking and resolution





- Models
- Clashes
- Views
- Meetings
- Reports
- Members
- Settings

Search for models

<input type="checkbox"/>	Models	Contributor	Updated date	
<input type="checkbox"/>	R21 LTU Housing - Struc.rvt - STRUC - ANALYTICAL MODEL	Philippe Bonneau Building Technical Mar...	12 Jan 2021 11:28	310
<input type="checkbox"/>	R21 LTU Housing - Stru... - STRUC - COORDINATION	Philippe Bonneau Building Technical Mar...	12 Jan 2021 11:28	654
<input type="checkbox"/>	R21 LTU Housing - Struc... STRUC - PHYSICAL MODEL	Philippe Bonneau Building Technical Mar...	12 Jan 2021 11:28	649
<input type="checkbox"/>	R21 LTU Housing - Struc.rvt - STRUC - STEEL DETAILING	Philippe Bonneau Building Technical Mar...	12 Jan 2021 11:28	708
<input type="checkbox"/>	R21 LTU Housing ...rvt - 3D - Clean	Aaron Vorwerk Building Technical Mar...	11 Jan 2021 22:04	8436
<input type="checkbox"/>	R21 LTU Housing - Arch.r...KS - ARCH - COORDINATION	Aaron Vorwerk Building Technical Mar...	11 Jan 2021 22:04	5025
<input type="checkbox"/>	R21 LTU Housing - MEP.rvt - MEP - COORDINATION	Brandon White Building Technical Mar...	7 Jan 2021 23:02	5766

Showing 7 of 7 models.

Shared folder coordination ...  
Last clash check 12 Jan 2021 11:31

- All models
- My models
- Clashes with my models

**Filters**

**Contributor**  
Select...

**Company**  
Select...

**Date**  
Choose date

Clear all

The background is a dark, almost black, space with several bright, metallic-looking lines that create a sense of depth and movement. These lines are primarily diagonal, with one prominent line running from the top-left towards the bottom-right, and another similar line on the right side. The lines have a soft glow and a slight gradient, suggesting a polished, reflective surface. In the center of the frame, there is a large, dark, angular shape that resembles a stylized letter 'A' or a similar geometric form. The overall aesthetic is sleek, modern, and high-tech.

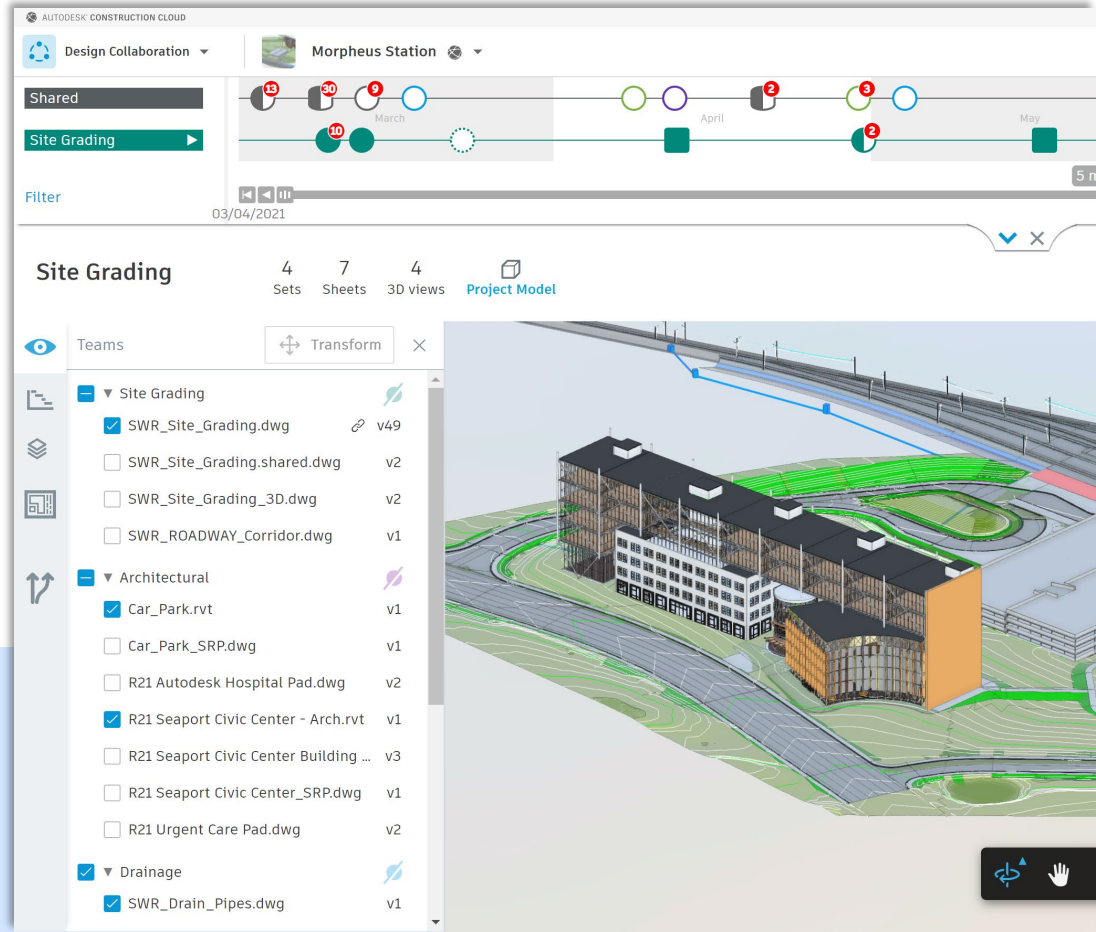
**For Infrastructure**

# Collaborate across disciplines and industries

## Autodesk BIM Collaborate Pro

- Monitor project progress
- View DWG and RVT models together
- Securely exchange data across teams and disciplines
- Clash multidiscipline models automatically

Packages allow an efficient and secure exchange of data that keeps the project on track and ensures accountability












# Project List

Projects | Project Templates

+ Create project

Search projects by name...

Name	Created On ↓
 Englewood Station South Santa Fe Drive	July 20, 2021
 Englewood Pump Stn South Santa Fe Drive	July 5, 2021
 20210701 - Neo Station Lucent Boulevard	July 1, 2021
 tester	July 1, 2021
 20210610 - Ridgeway Pkwy Ridgeway Parkway	June 11, 2021
 MORPHEUS ESRI Station 7000 Lucent Boulevard	May 10, 2021
 Englewood Pump Station South Santa Fe Drive	May 4, 2021
 99999 - Design Collab DEMO Morpheus Station	April 23, 2021
 P3D_PnID Bougainvillea Drive	April 16, 2021

# Takeaways



# AUTODESK CONSTRUCTION CLOUD™



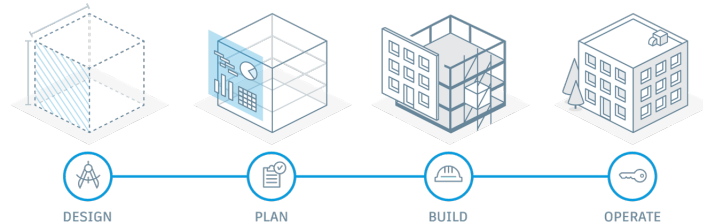
**Collaboration**



**Communication**



**Coordination**





# Autodesk Building Solutions

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COMMUNITY

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4.5K views · 2 weeks ago



Episode 3: Digital twins for smarter operations

3.8K views · 2 weeks ago



Mechanical Virtual Design

19K views · 2 weeks ago



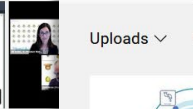
BIM Collaborate for Project Managers Webinar LIVE...

11K views · 2 weeks ago



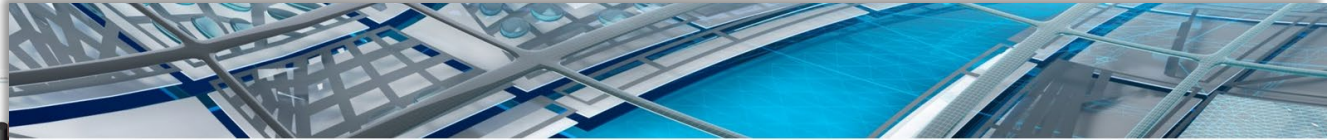
11. Adding Filename in Page header in Advance Steel...

7K views · 2 weeks ago



Live Ask Roadman

1K views · 2 weeks ago



# Autodesk Infrastructure

16.1K subscribers

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COMMUNITY

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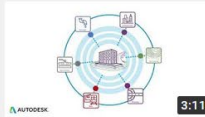
ABOUT



Uploads ▾

PLAY ALL

≡ SORT BY



Model Coordination: Enabling Project Team Data...

236 views · 3 weeks ago



BIM Collaborate Pro for Civil 3D: Getting Started 05 - ...

292 views · 3 weeks ago



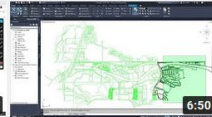
BIM Collaborate Pro for Civil 3D: Getting Started 04 - ...

139 views · 3 weeks ago



BIM Collaborate Pro for Civil 3D: Getting Started 03 - ...

152 views · 3 weeks ago



BIM Collaborate Pro for Civil 3D: Getting Started 02 - ...

141 views · 3 weeks ago



BIM Collaborate Pro for Civil 3D: Getting Started - Project...

255 views · 3 weeks ago



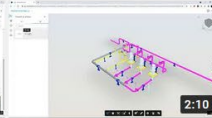
Collaboration for Plant 3D: Getting Started 05 - Model...



Collaboration for Plant 3D: Getting Started 04 - Design...



Collaboration for Plant 3D: Getting Started 03 - Marku...



Collaboration for Plant 3D: Getting Started 02 - Cloud...



Collaboration for Plant 3D: Getting Started - Project...



CAD to Intelligent Design LIVE Teaser

The background of the image is black, featuring four large, dark grey, metallic-looking geometric shapes that resemble stylized letters or architectural components. These shapes are positioned in the corners: top-left, top-right, and bottom-right. The central focus is the text 'AUTODESK UNIVERSITY' in a bold, white, sans-serif font, centered horizontally and vertically.

# AUTODESK UNIVERSITY

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