

# Collaboration

#### Collaboration

- Arrangement in which 2 or more parties work jointly towards a common goal
  - Draftsman/Designer Project Manager
  - Customer Client
- Effective method of transferring 'know how' among individuals
  - Project deliveries (plan, section and profile sheets, 3D models)
- Conflict Resolution Strategy to seek solutions advantageous to all parties
  - RFI
  - Issues

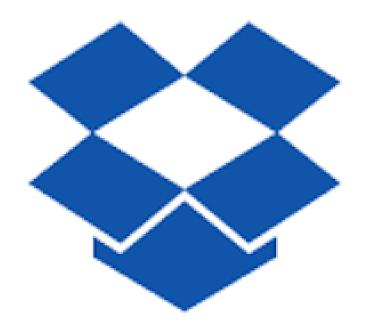
# Cloud Collaboration

#### **Cloud Collaboration**

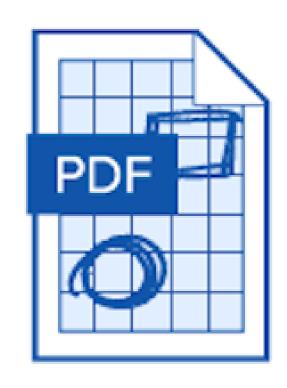
- Sharing and co-authoring computer files through the use of cloud computing hereby documents are uploaded to a central "cloud" for storage, where they can then be accessed by others
  - Off Premise storage of documents and other data types
  - Enable 2 or more people to work on the same project
  - Access 24/7



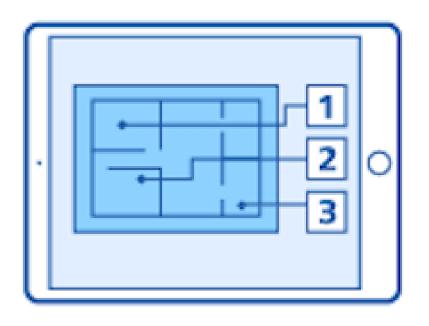
## Technologies in use today



Cloud-based collaboration



PDF software

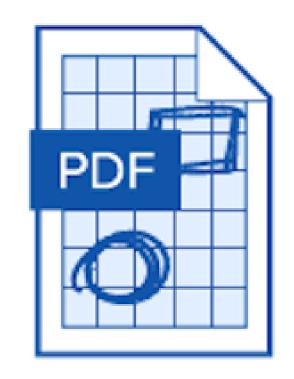


Field apps

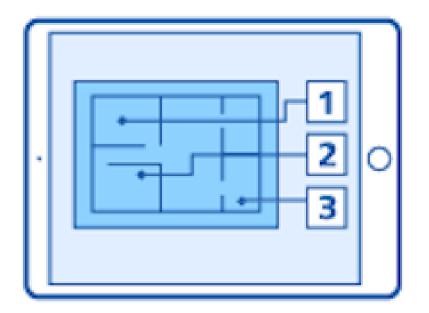
### There's an app for that...



- Cloud storage
- File sharing
- Access rights
- Mobile access
- Version control

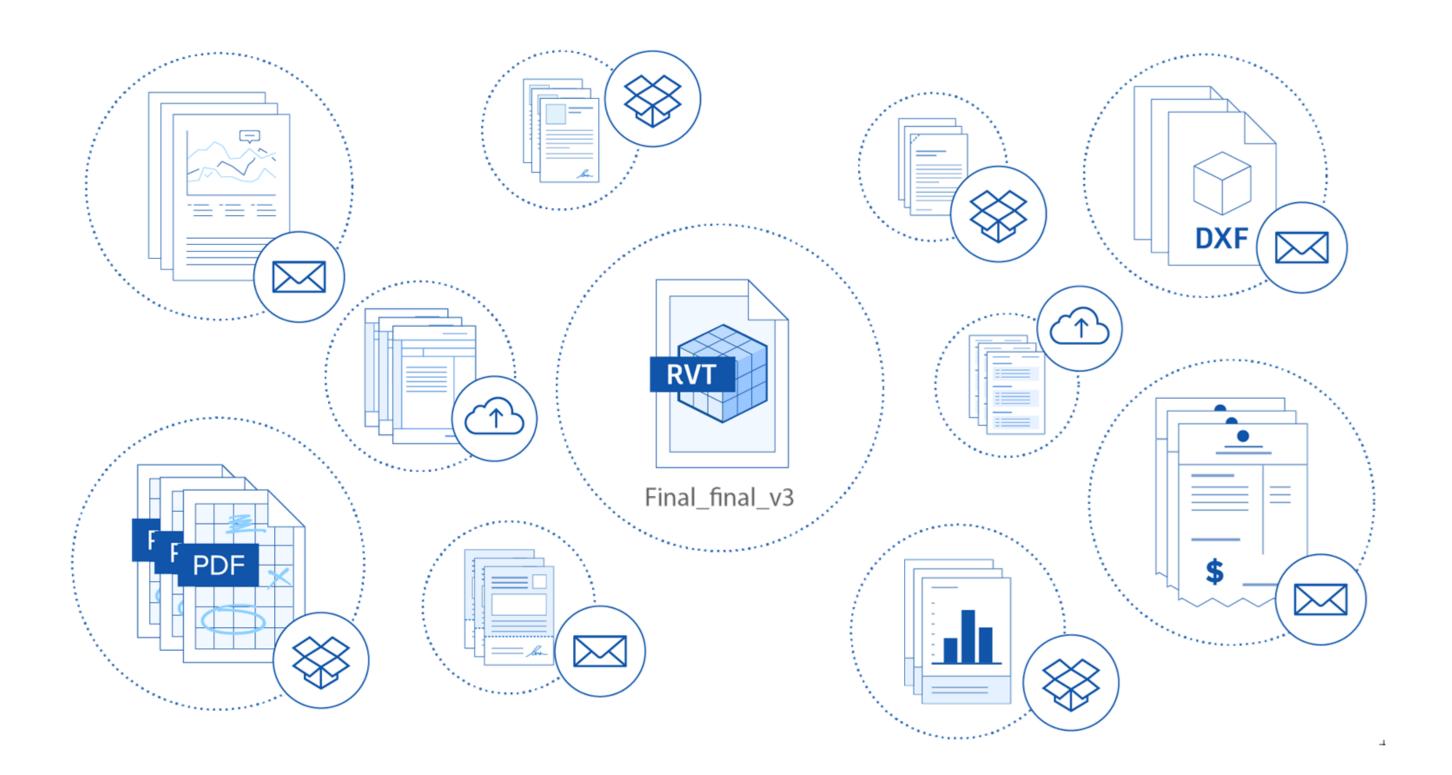


- PDF creation/viewing
- CAD to PDF conversion
- Markups
- Tagging/organizing
- OCR

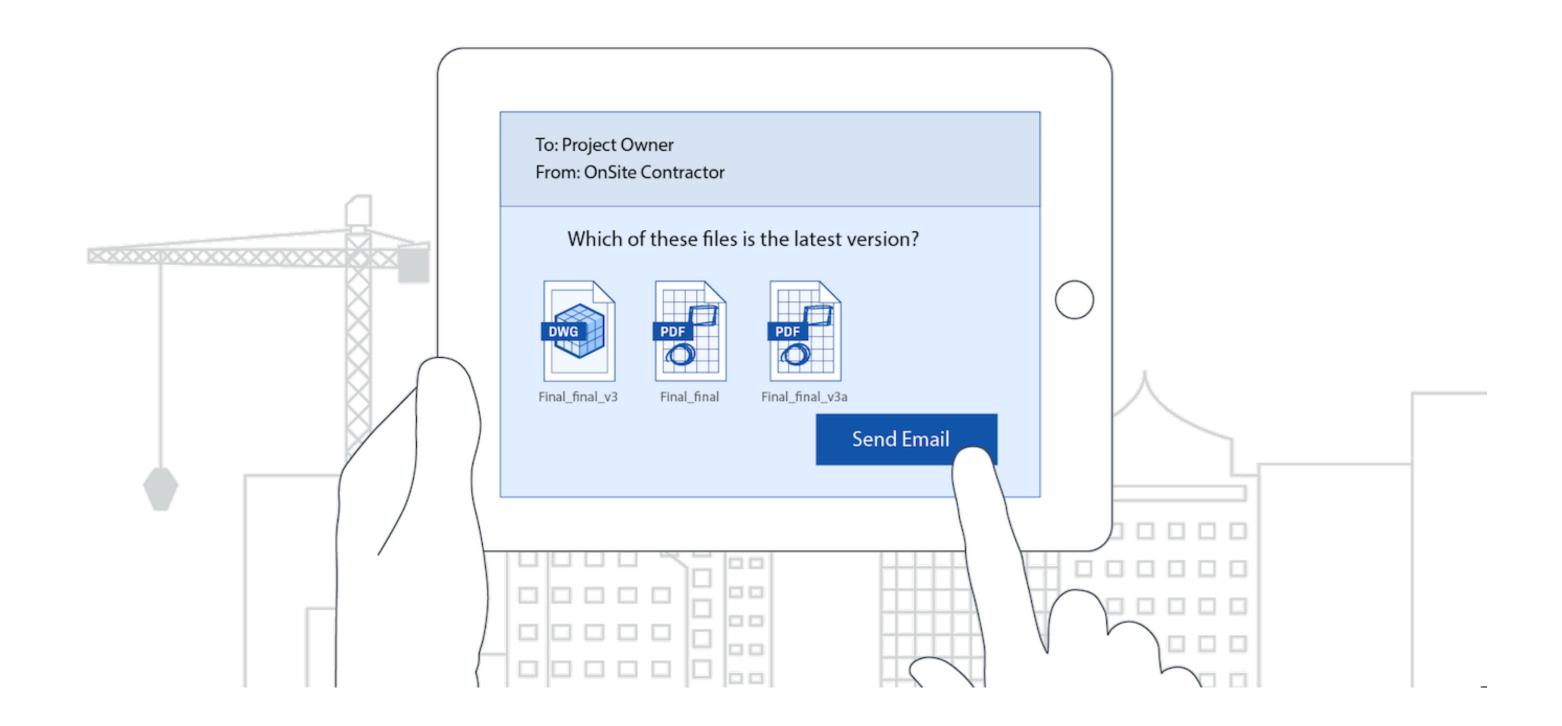


- Issue creation
- Plan viewers
- Offline access
- Markups
- Reports

## Resulting information siloes



#### And lack of version control









#### Autodesk BIM 360 Team or Docs?

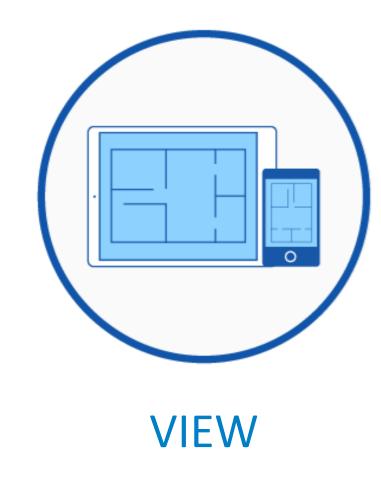
- BIM 360 Team
  - Project management
    - View, Share, Review Drawings and Models
    - Markups and Redlines
    - Capture Feedback
    - Project Calendar
    - Access Anytime, Anywhere

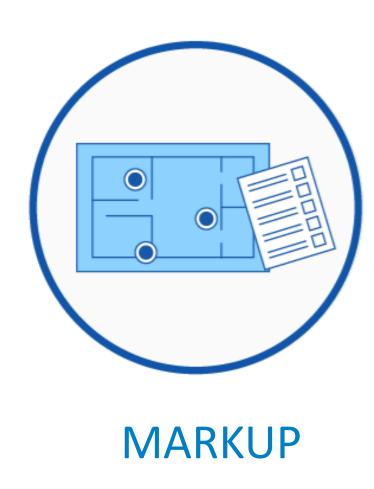
- BIM 360 Docs
  - Document management
    - View, Share, Review Drawings and Models
    - Markups and Redlines
    - Manage Issues/RFI
    - Manage Contractual Documents
    - Maintain Document Control
    - Access Anytime, Anywhere

## Autodesk BIM 360 Docs



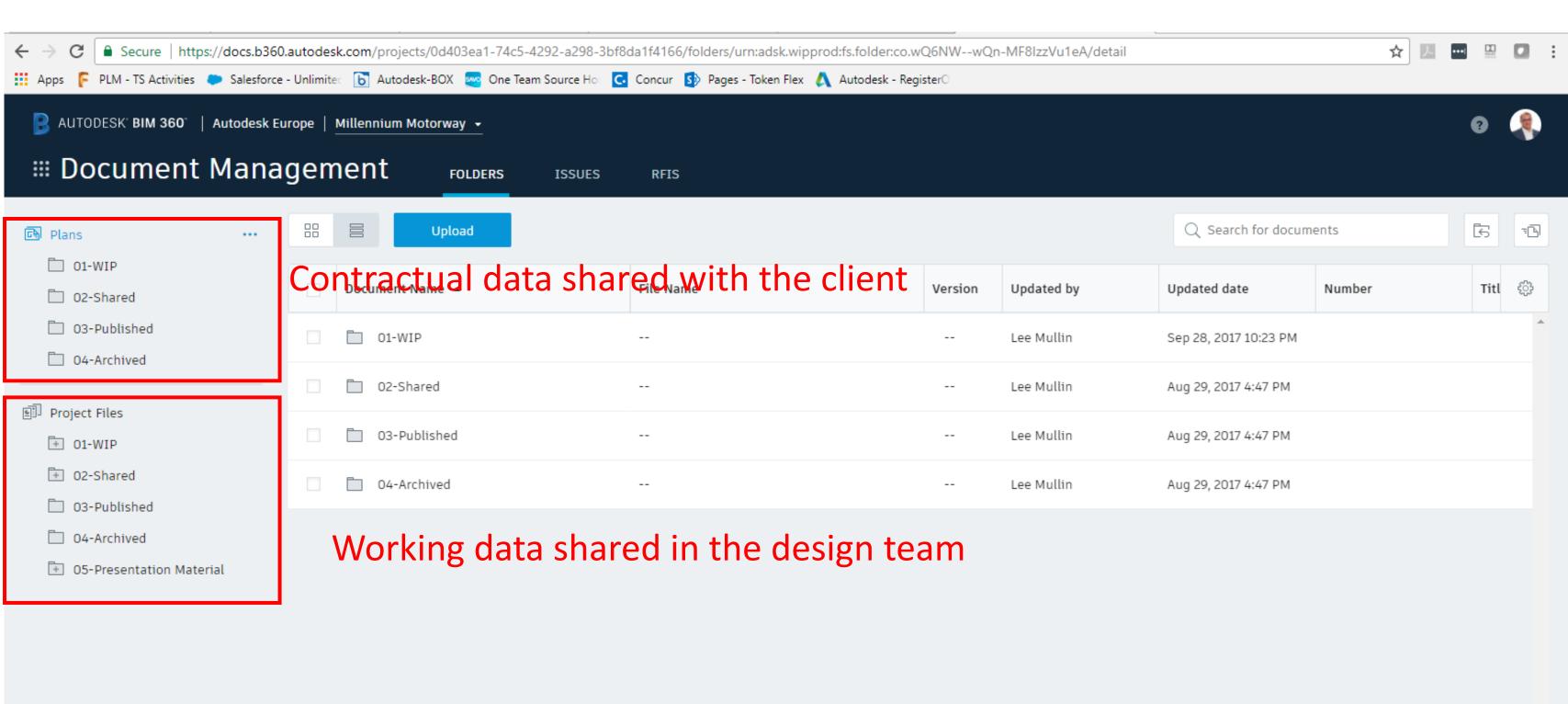






One interface supporting all workflows.







Invite project members.



#### Persona in the workflows



Designer



Project Manager



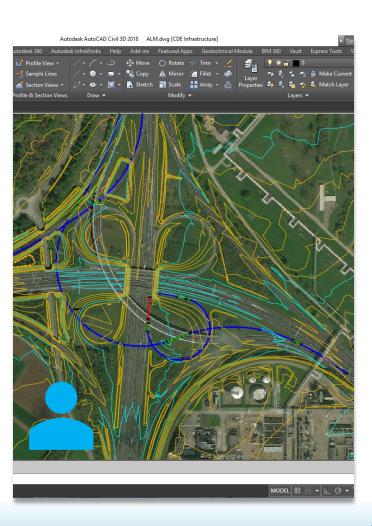
Client



Contractor

### Design Review - Internal

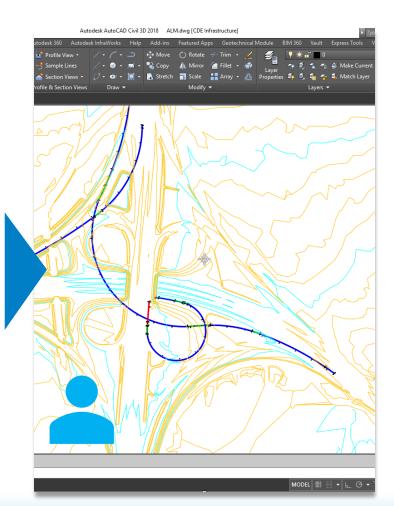




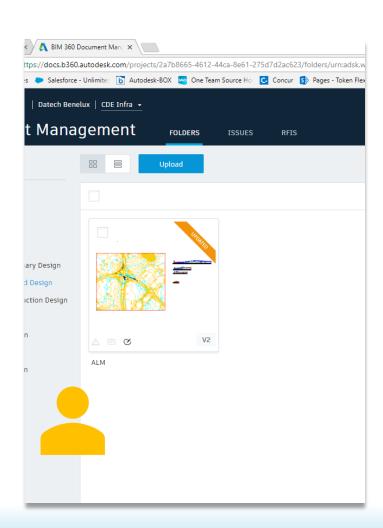
AUTODESK\* BIM 360°



AUTODESK°
AUTOCAD° CIVIL 3D°



AUTODESK\* BIM 360\*

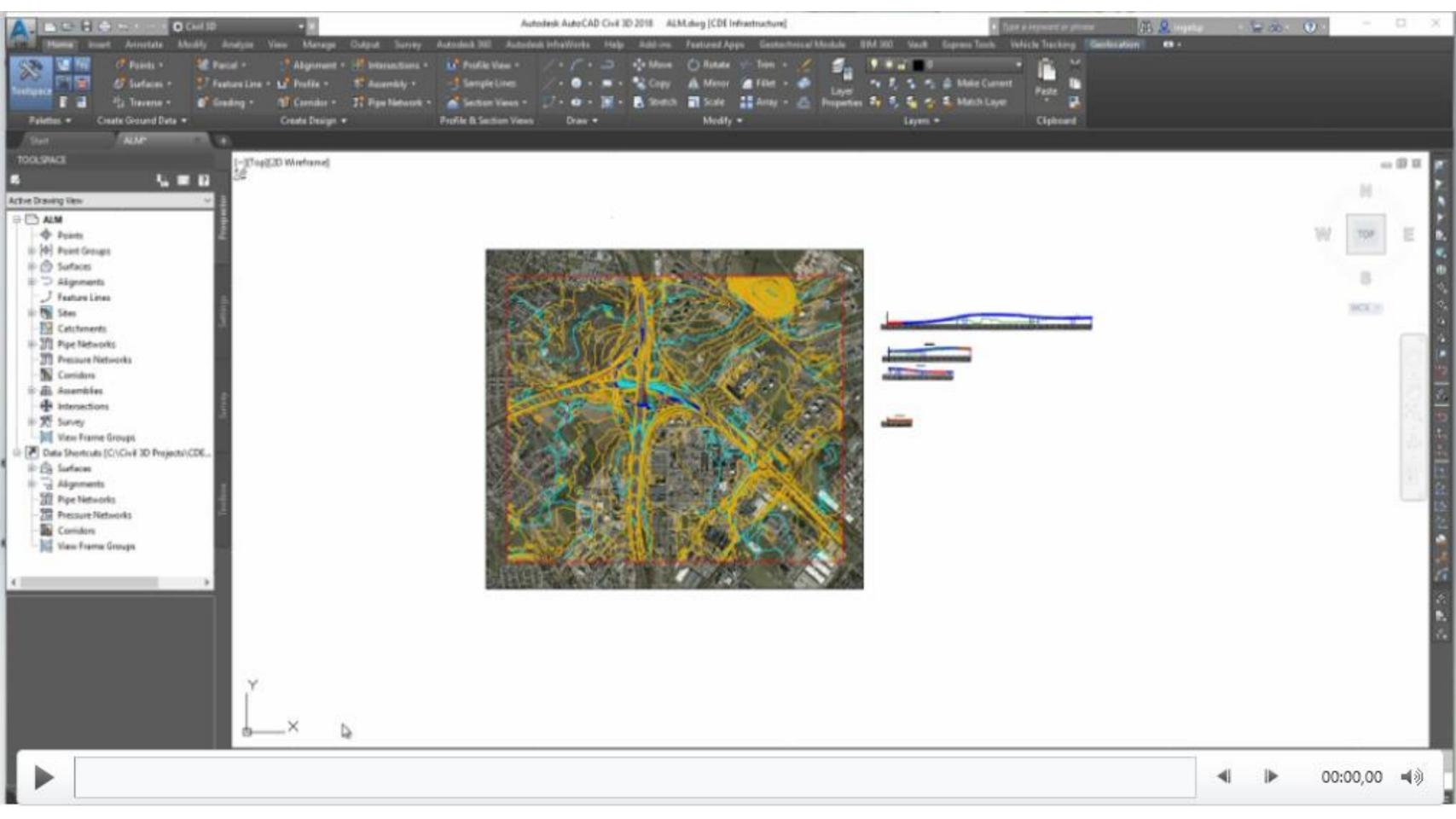


Design

Design Review & Markups

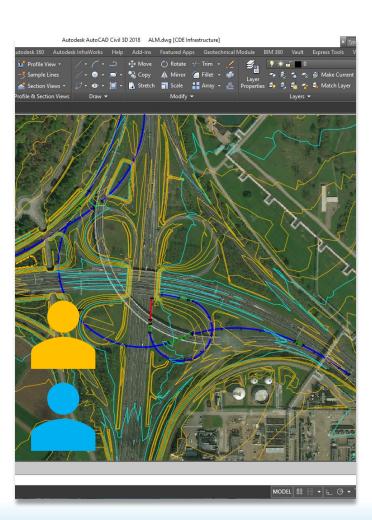
**Design Modification** 

**Approved** 



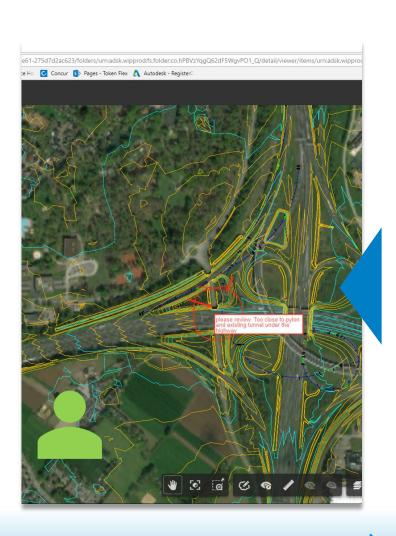
## Design Review – External (Contractual Documents)



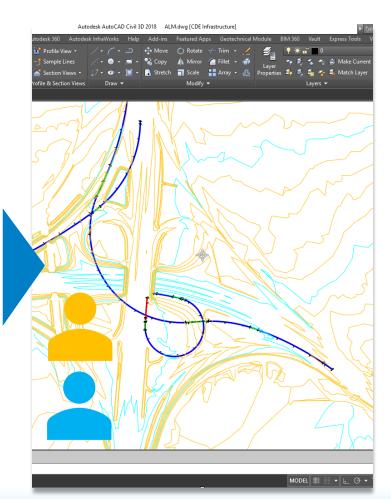


Design Documentation (Formal Delivery)

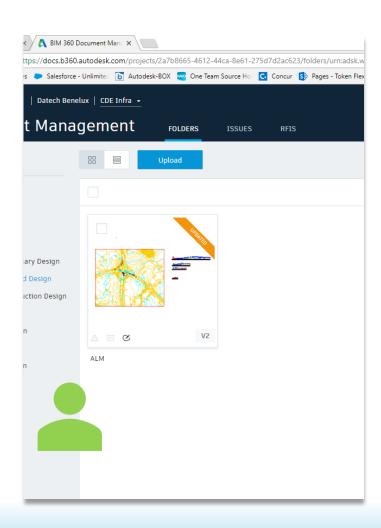
AUTODESK\* BIM 360°



AUTODESK°
AUTOCAD° CIVIL 3D°



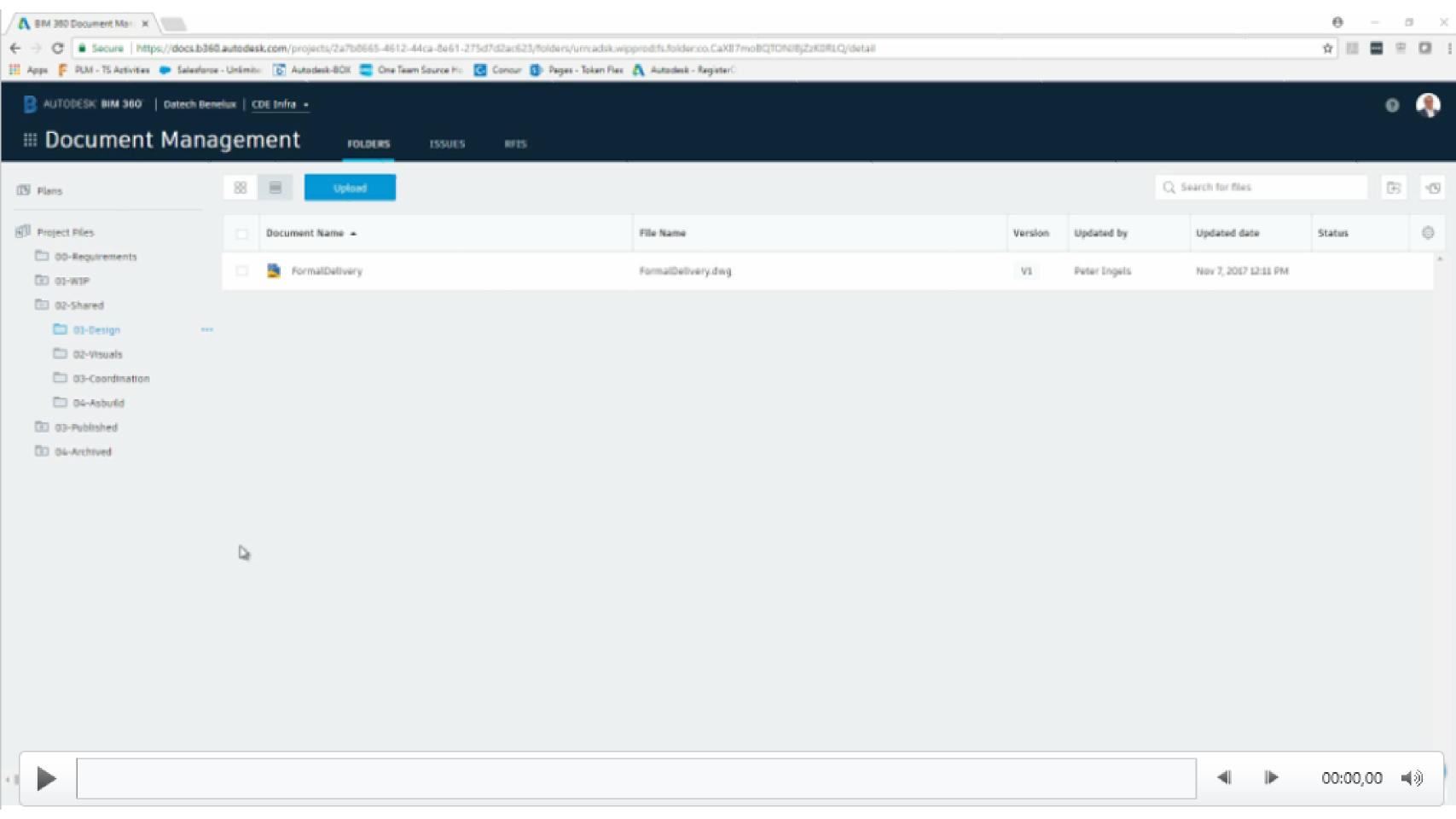
AUTODESK\* BIM 360°



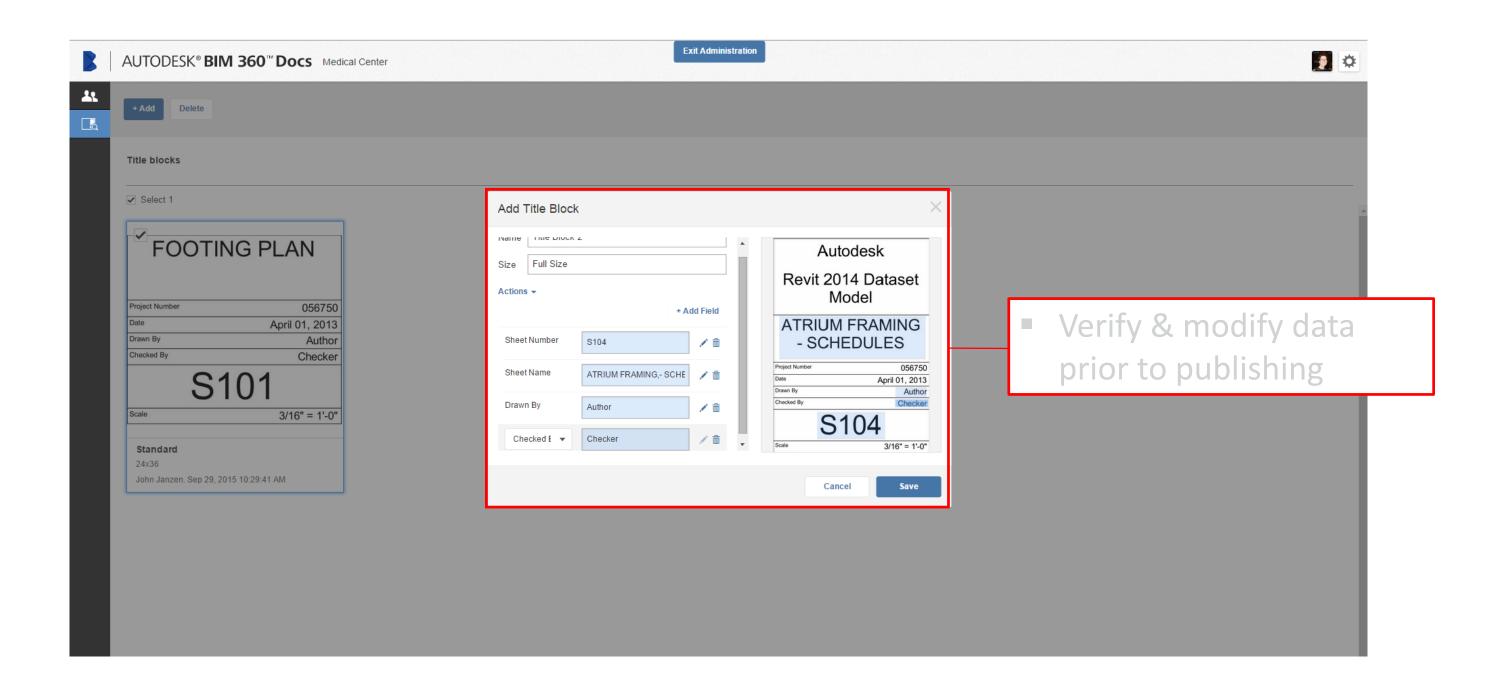
Design Review & Issues

**Delivery Updates** 

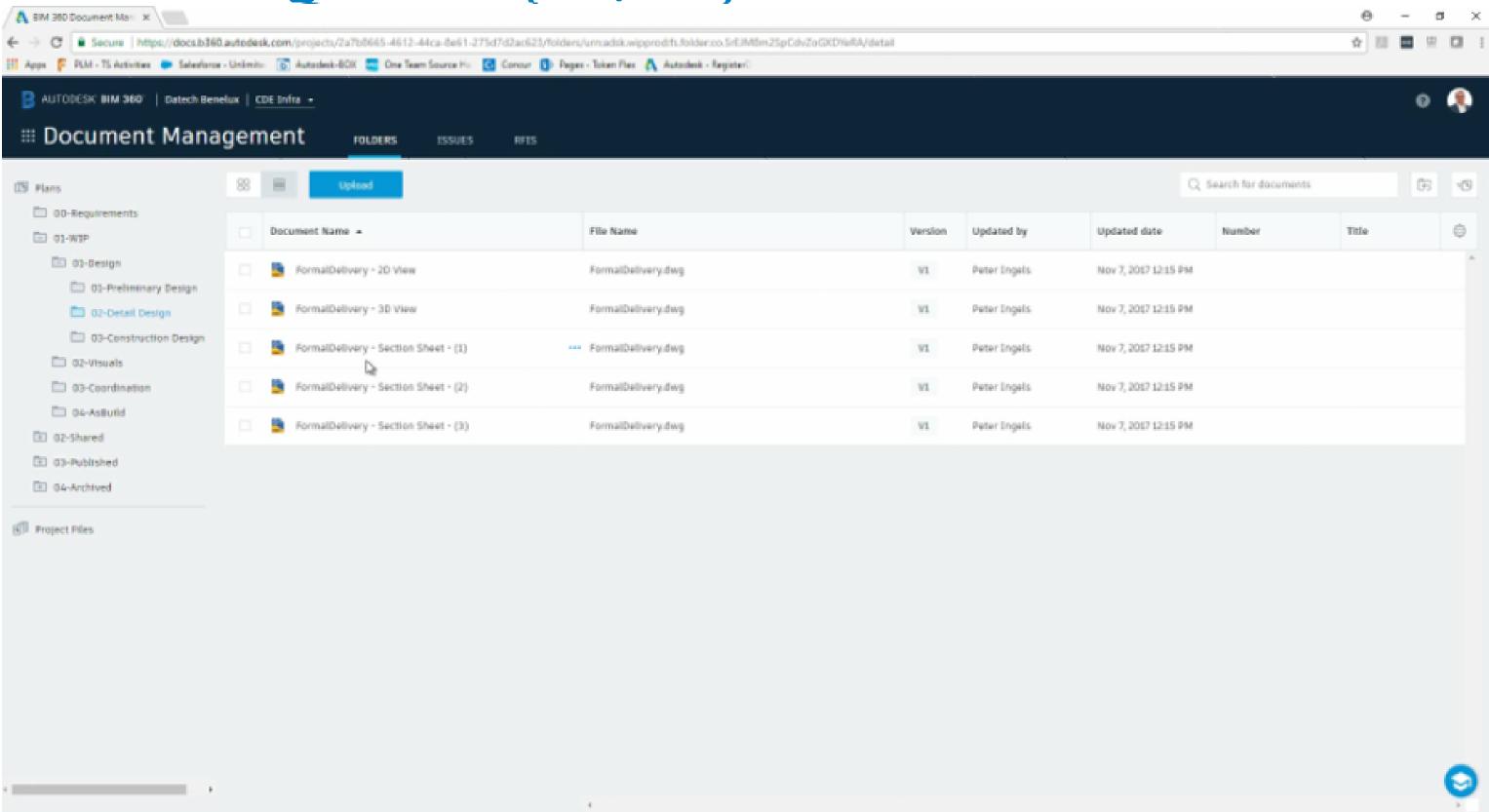
**Version Compare** 



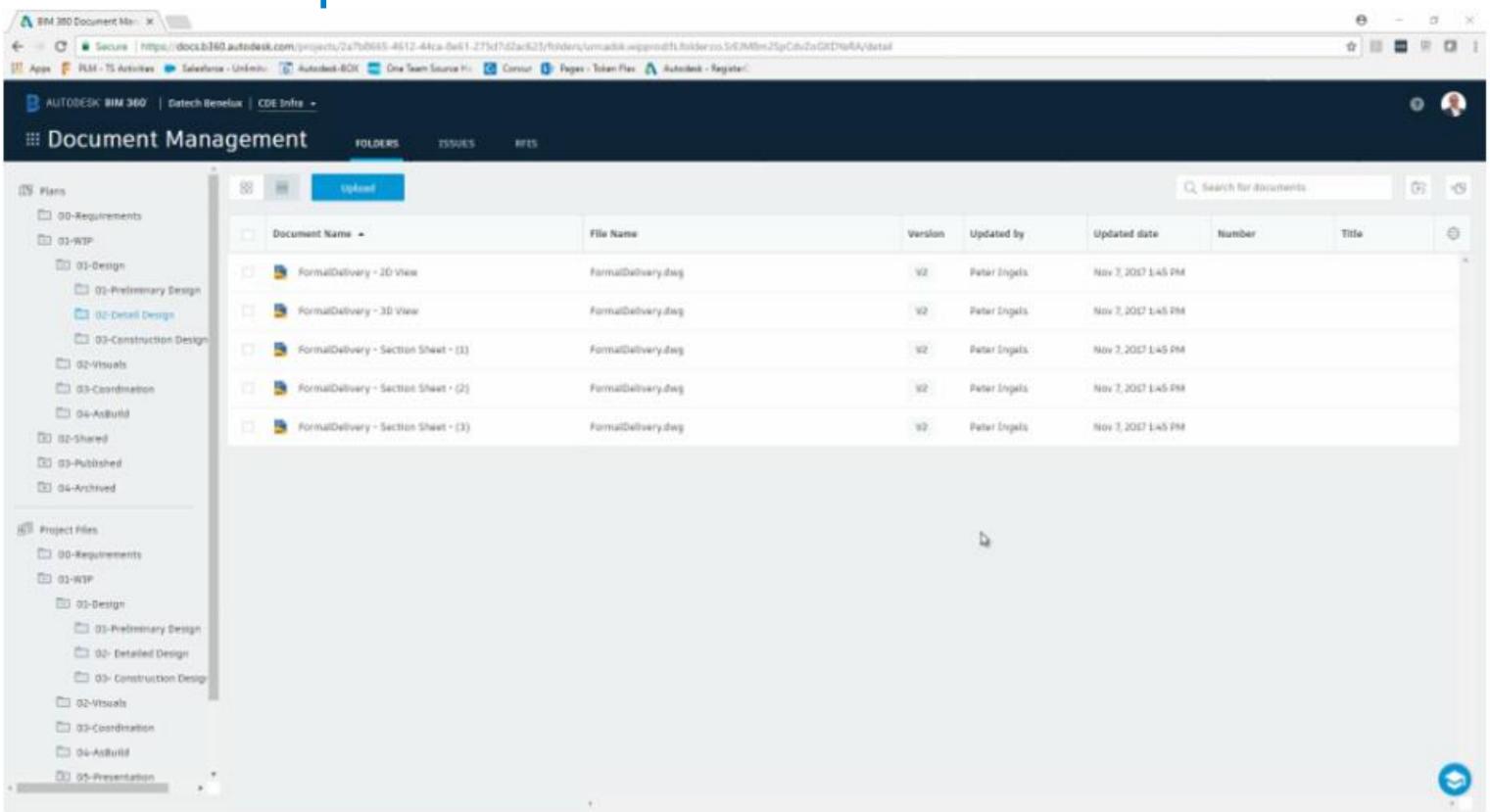
#### Title block extraction



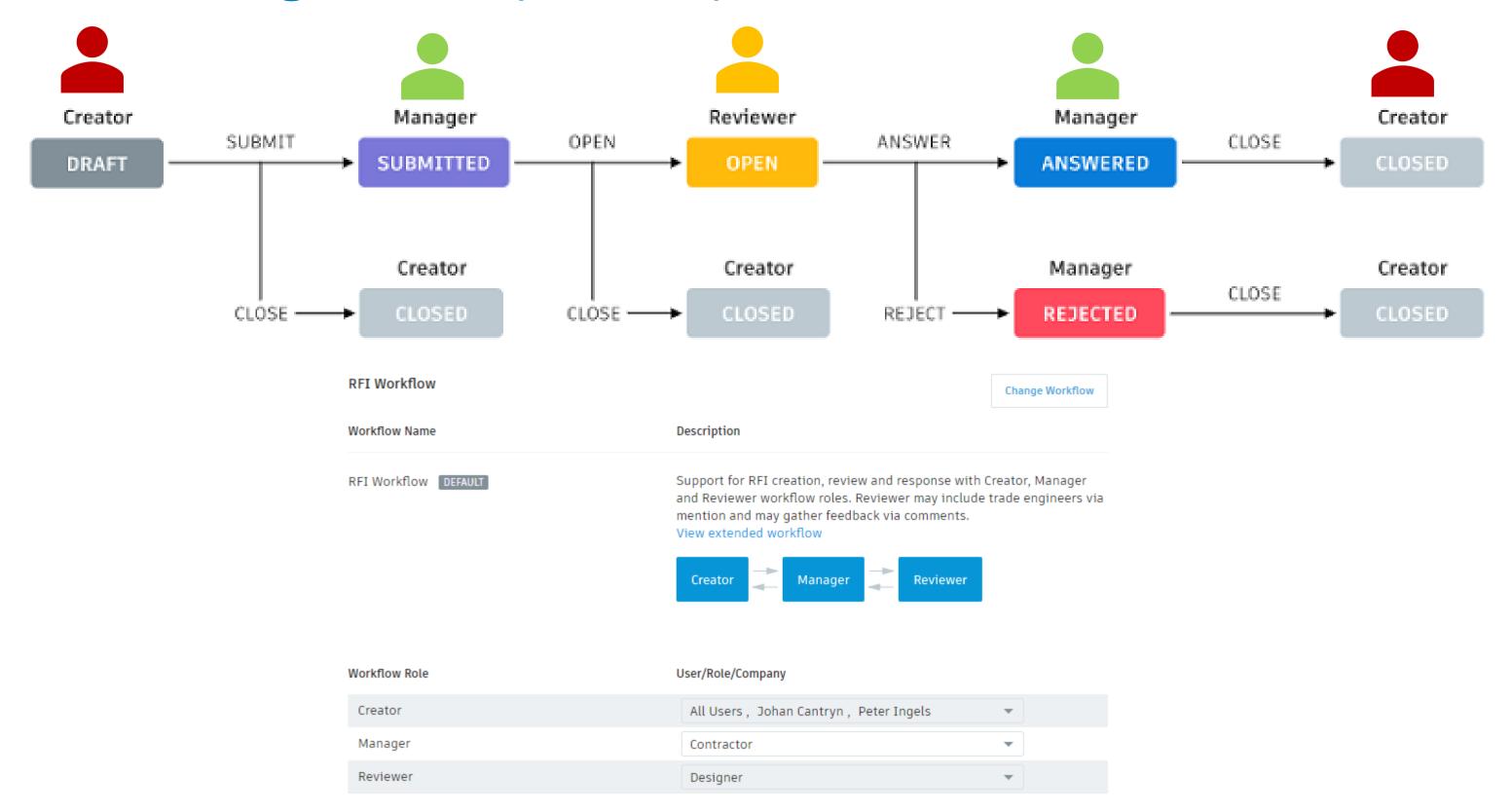
## Issue Management (2D/3D)

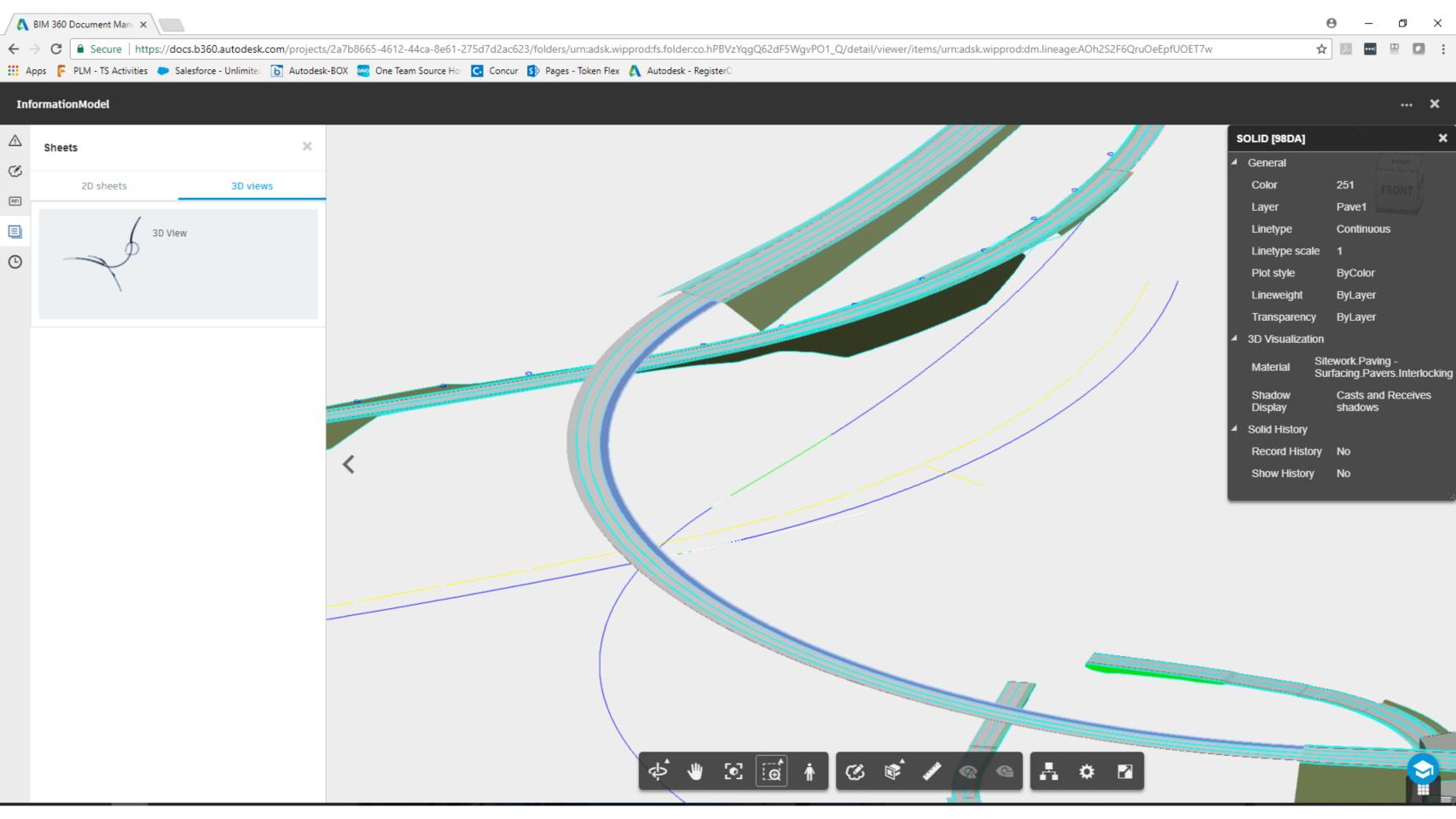


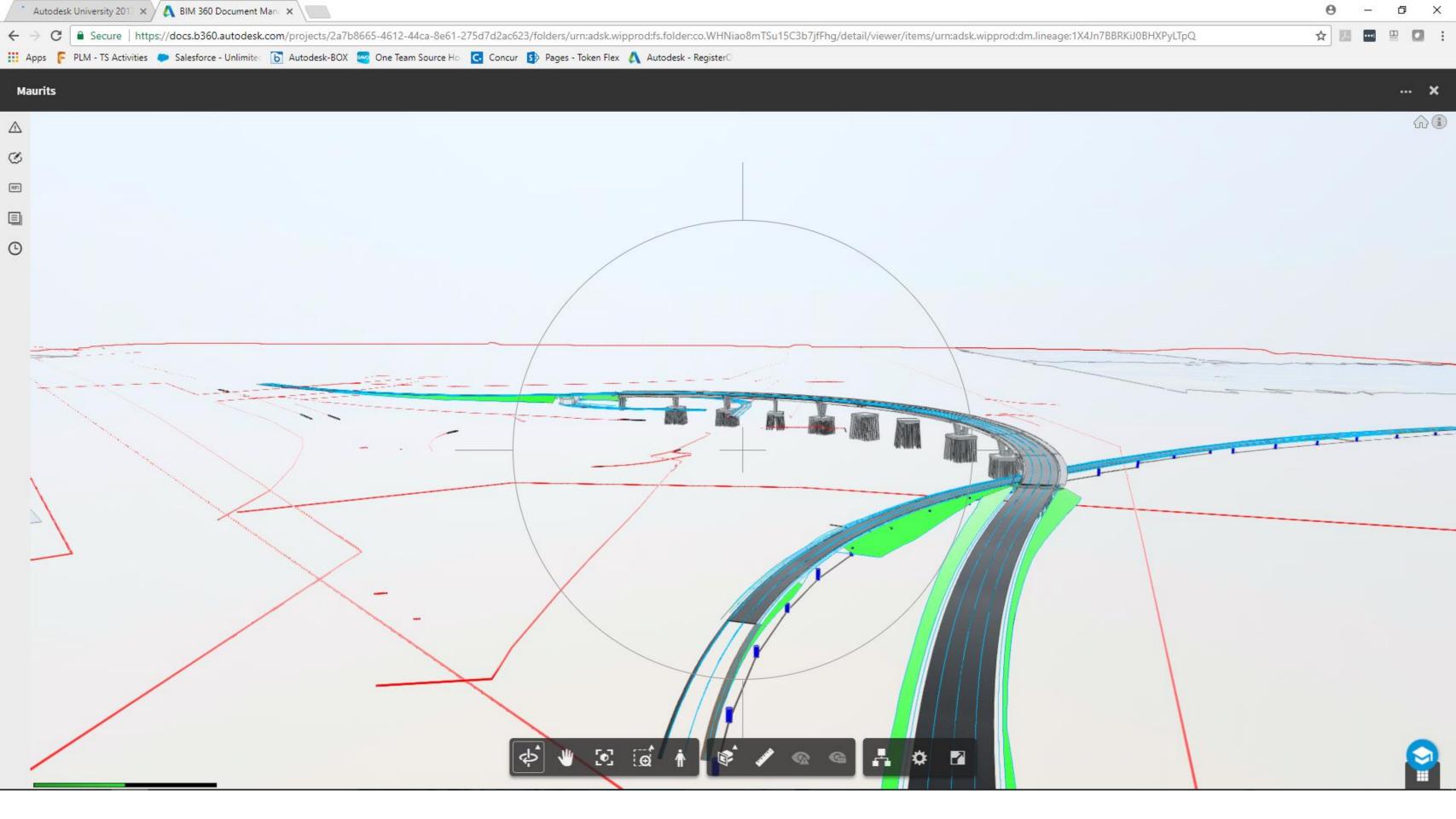
## Version Compare

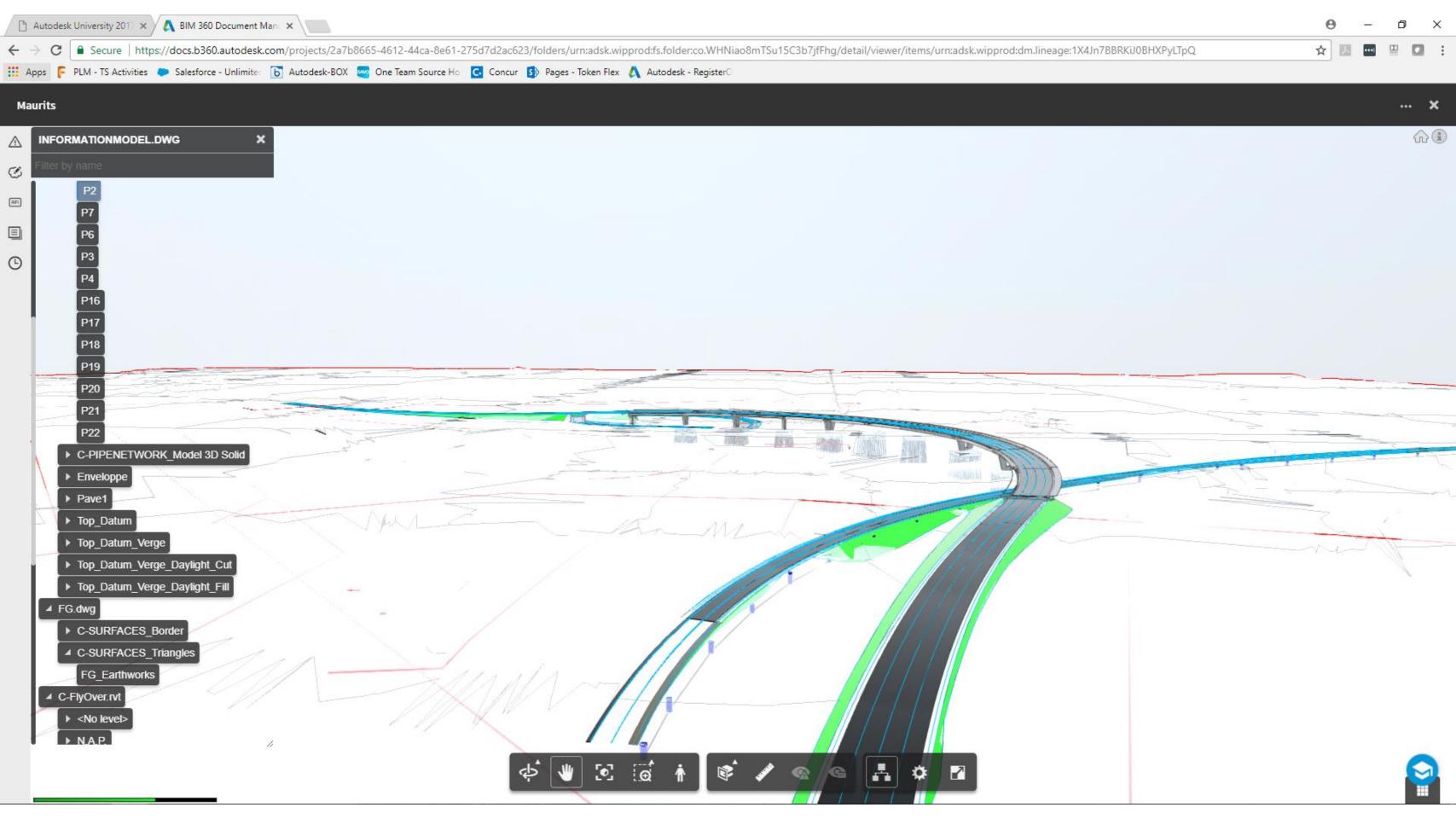


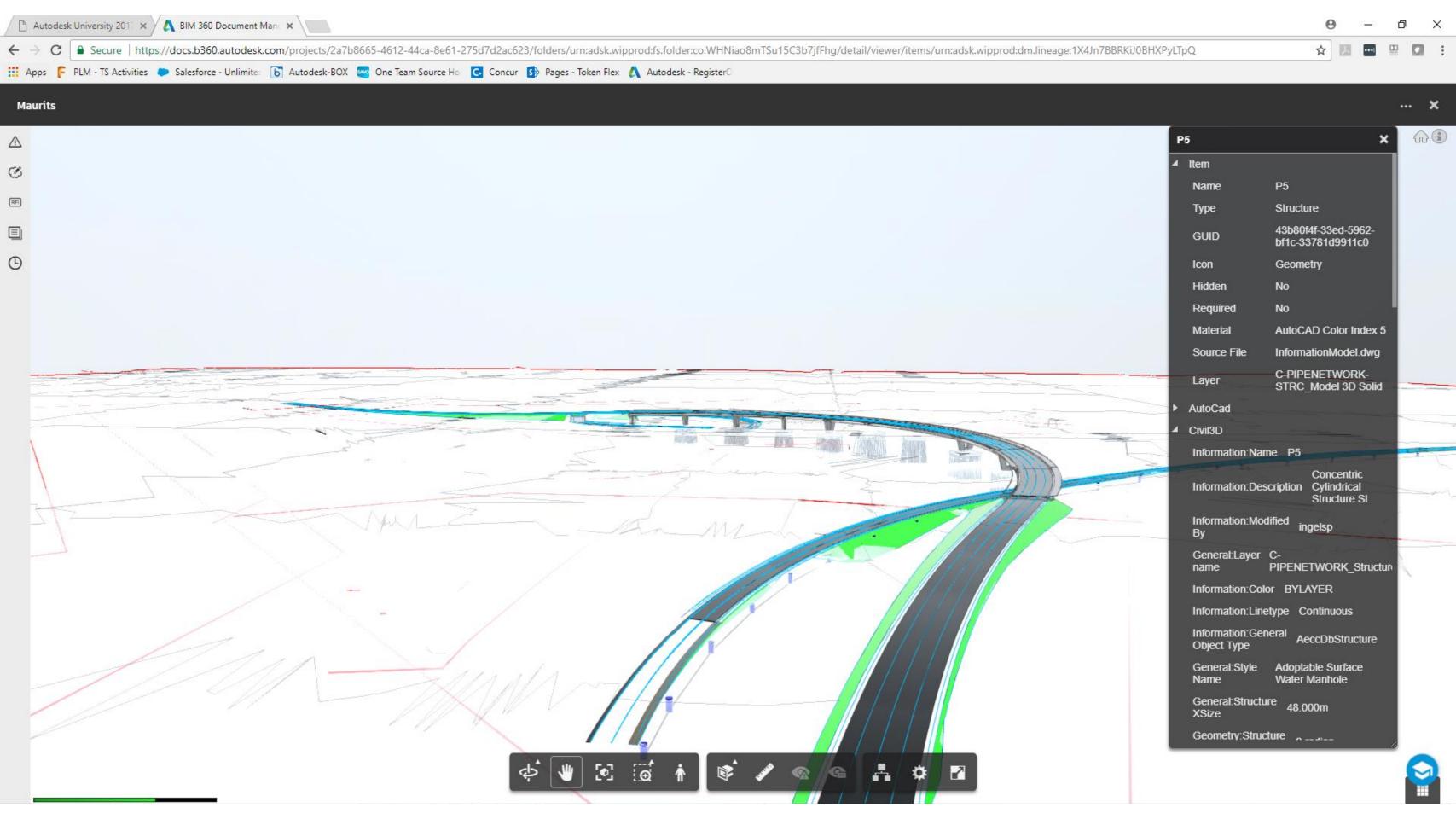
## RFI Management (2D/3D)



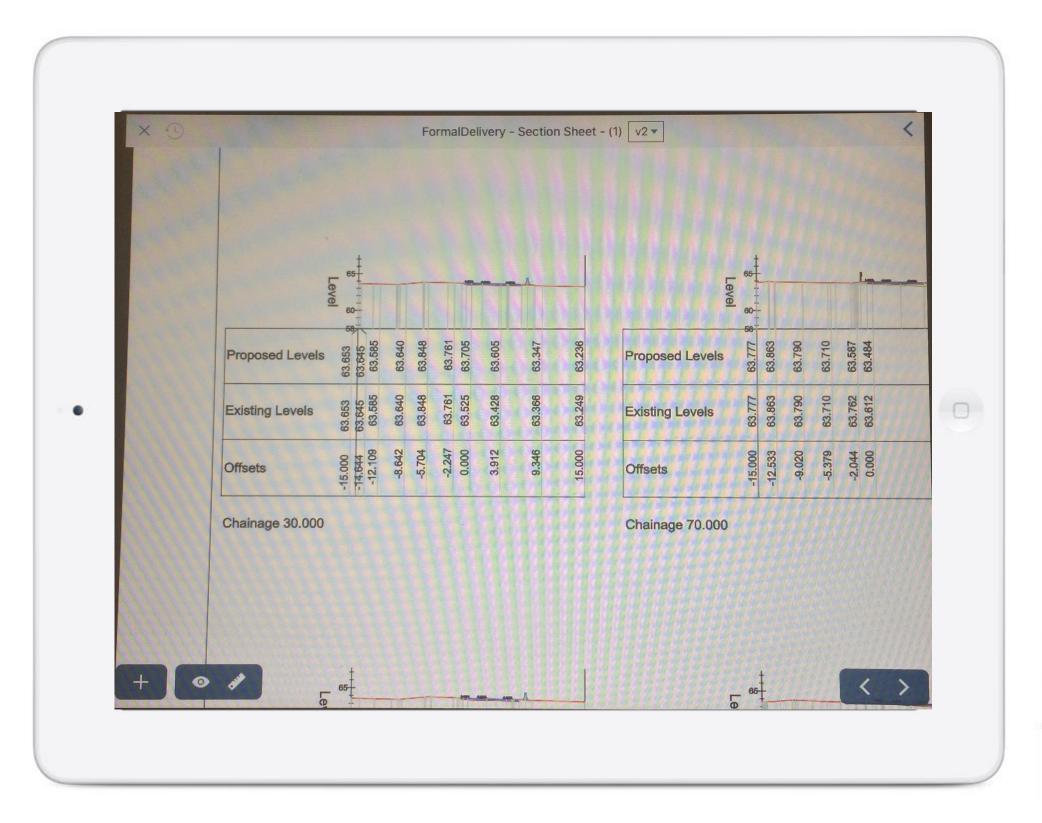






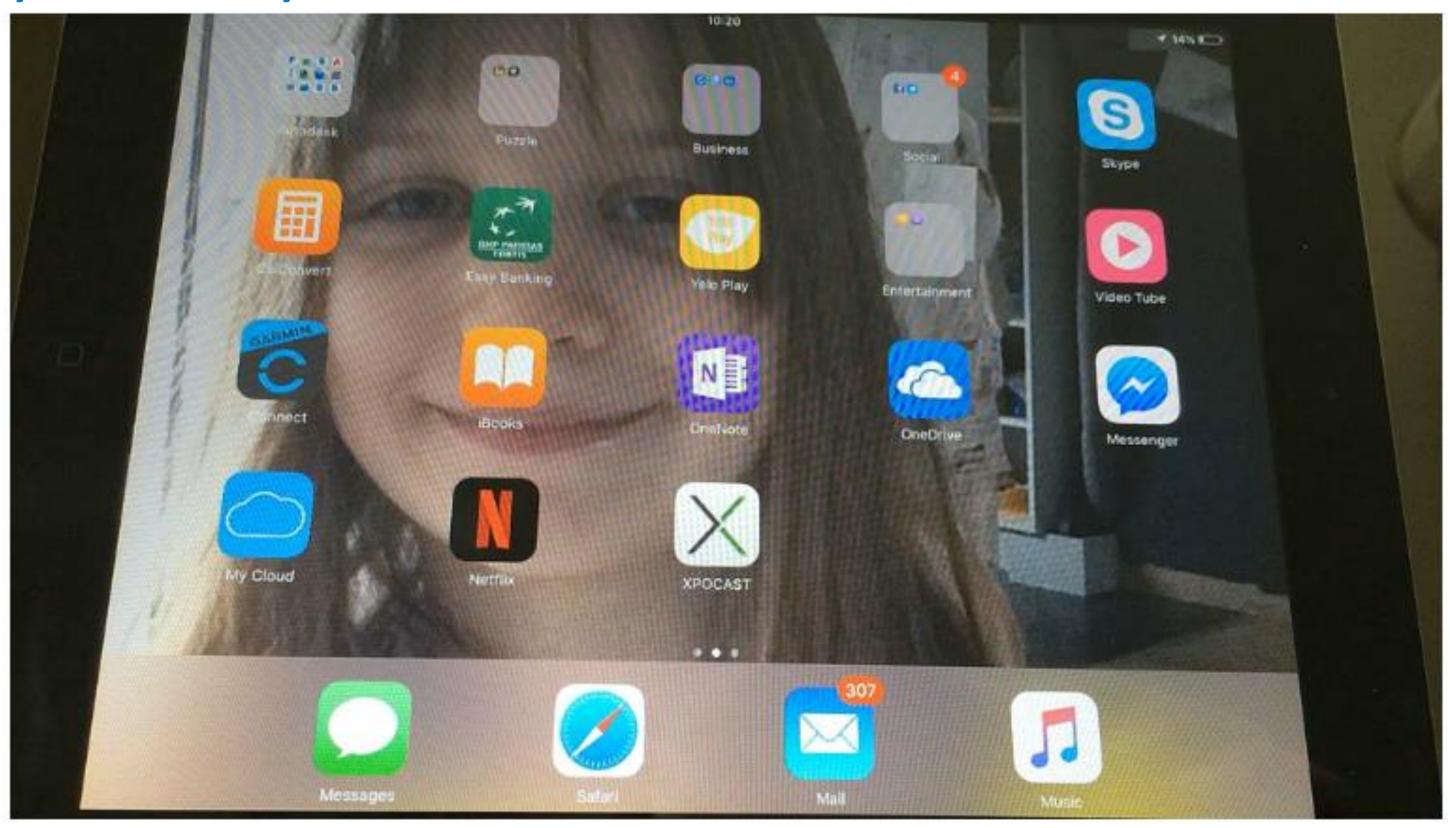


## Anytime/Anywhere Access

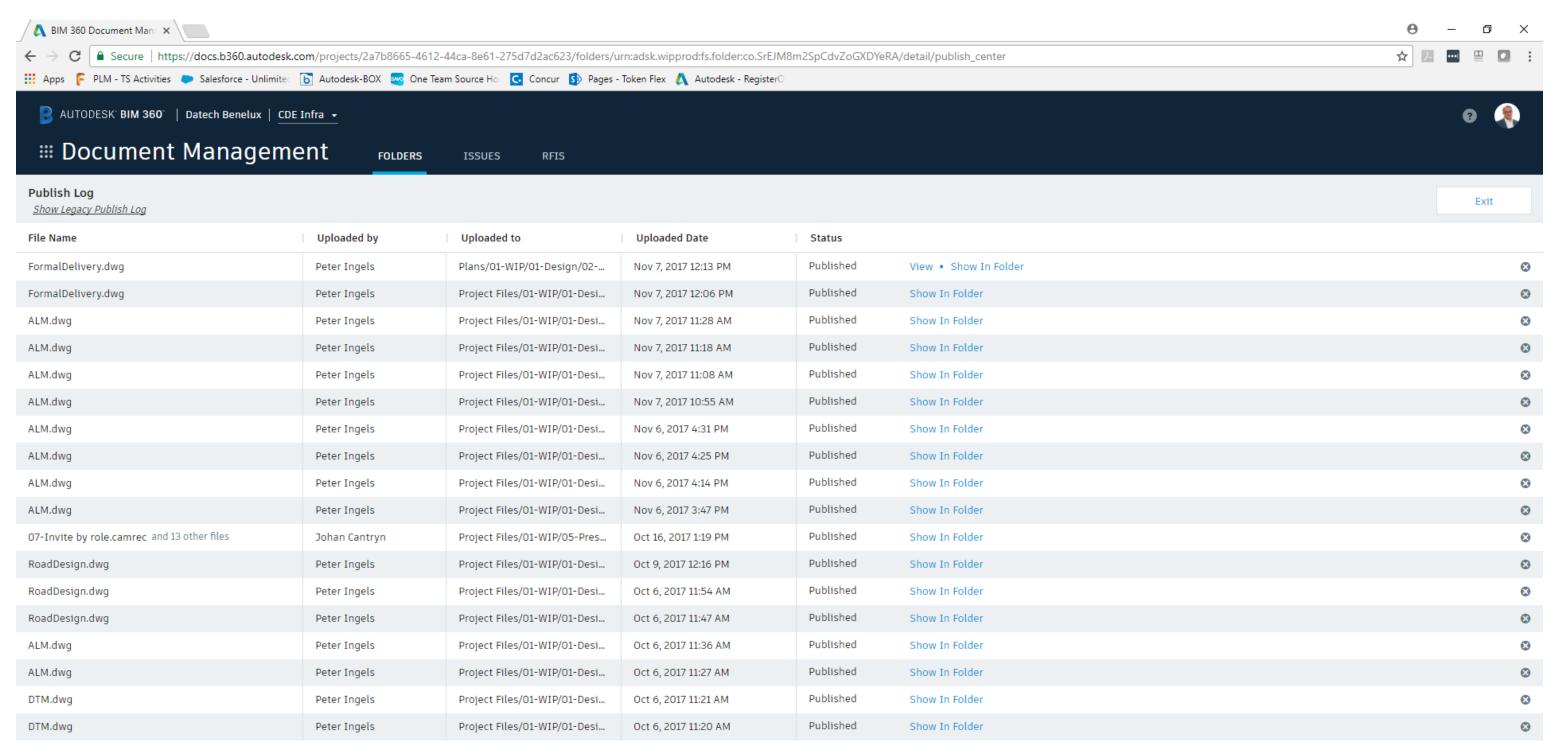




# Anytime/Anywhere Access



## Activity log







Make anything.

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