

AR21813 : Case Study – Ice District on A360

Stantec, Dialog

Case Study — Ice District:
Multiprime Multi-Skyscraper Collaborating with A360



Class summary

Ice District is a megaproject going up in Edmonton, Alberta, Canada. The project has 3 main prime architect firms working concurrently on the project (Dialog, Hersch Bedner Associates, and Stantec), and many other consultants all coming together to completely rebuild the city's epicenter. The project migrated into A360 Collaboration for Revit software, and it has been an interesting journey of technology convincing leadership of all the firms and disciplines that this would be the better way to work on this truly epic project. We will showcase the project, the Revit software components coming together, the types of coordination, tools used, measures taken, Building Information Modeling (BIM) execution plan concepts, and a lot of the power of A360 cloud-based collaboration service. Fundamentally, Dialog was managing the entire parkade of the city blocks beneath the skyscrapers that the other architecture firms were designing. Stantec's new corporate headquarters was going up in the block along with another skyscraper for office use adjacent.

This session features Collaboration for Revit and A360 Team.

Key learning objectives

At the end of this class, you will be able to:

- Learn about the Ice District project
- Discover the fundamentals of Collaboration for Revit
- Discover the benefits of A360
- Learn strategies for convincing leadership regarding A360 projects

Panel Introductions

AubreyTucker

Regional BIM Lead

Speaker RTC, AU

Lecturer UBC

Published

Building Smart Canada (2016)

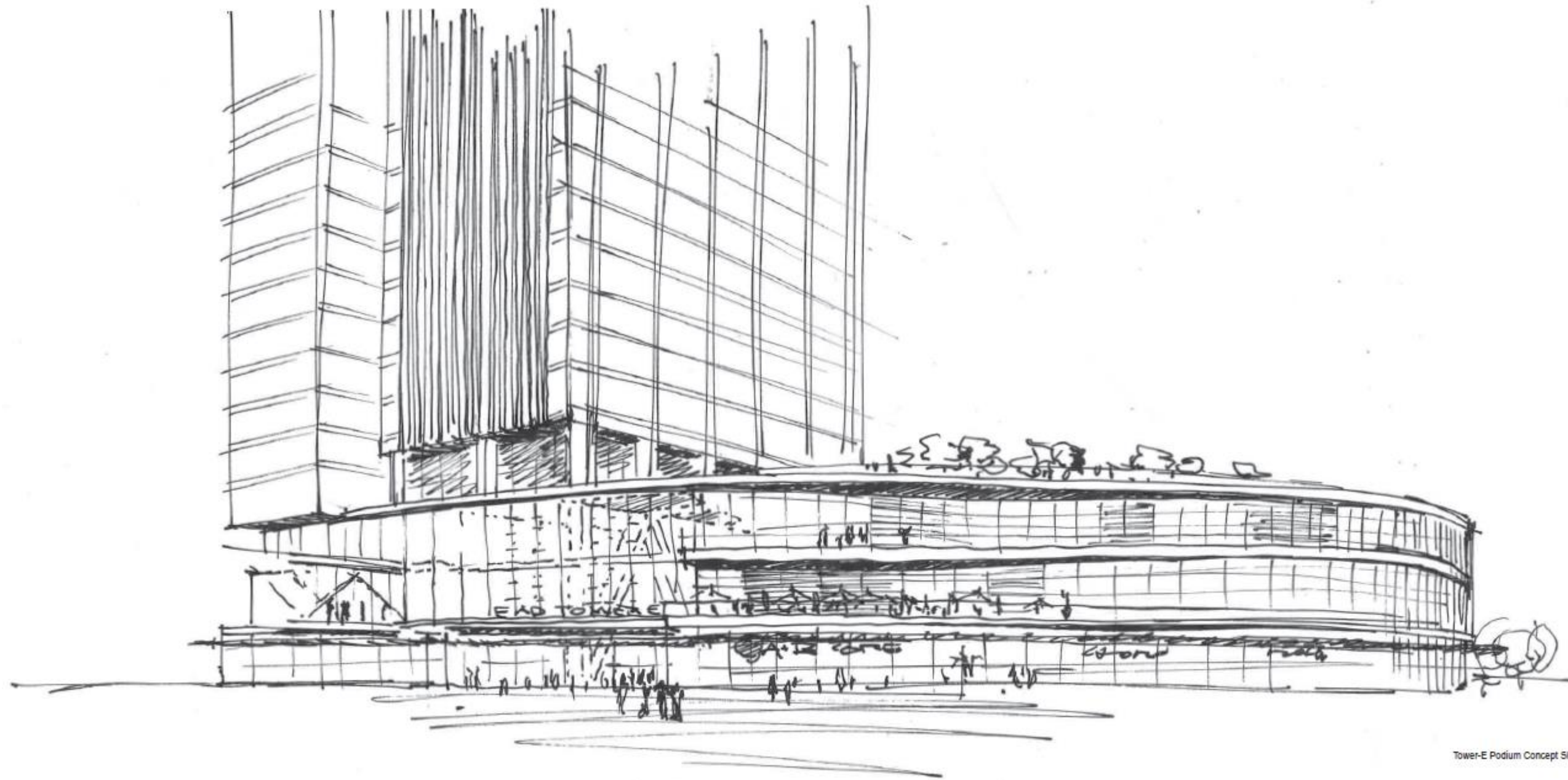
HOK: Global Design Portfolio (2010)



Dialog: Project Introduction

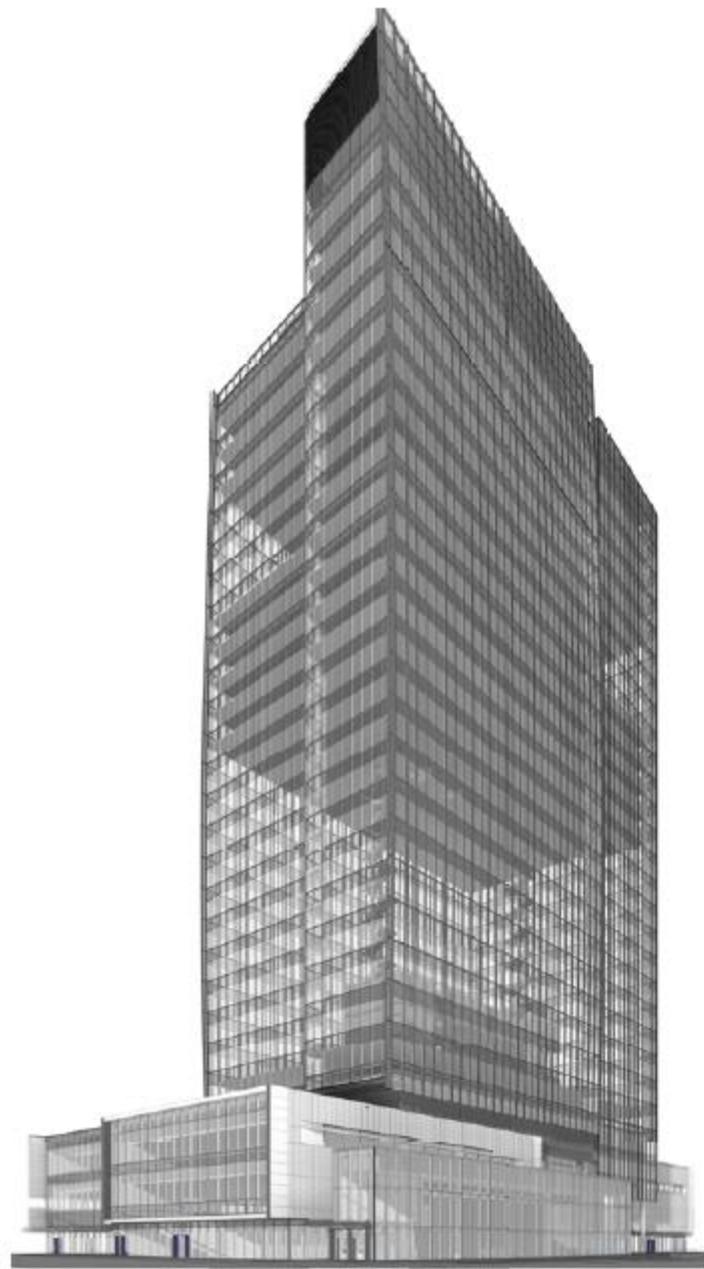
Stantec Tower Introduction



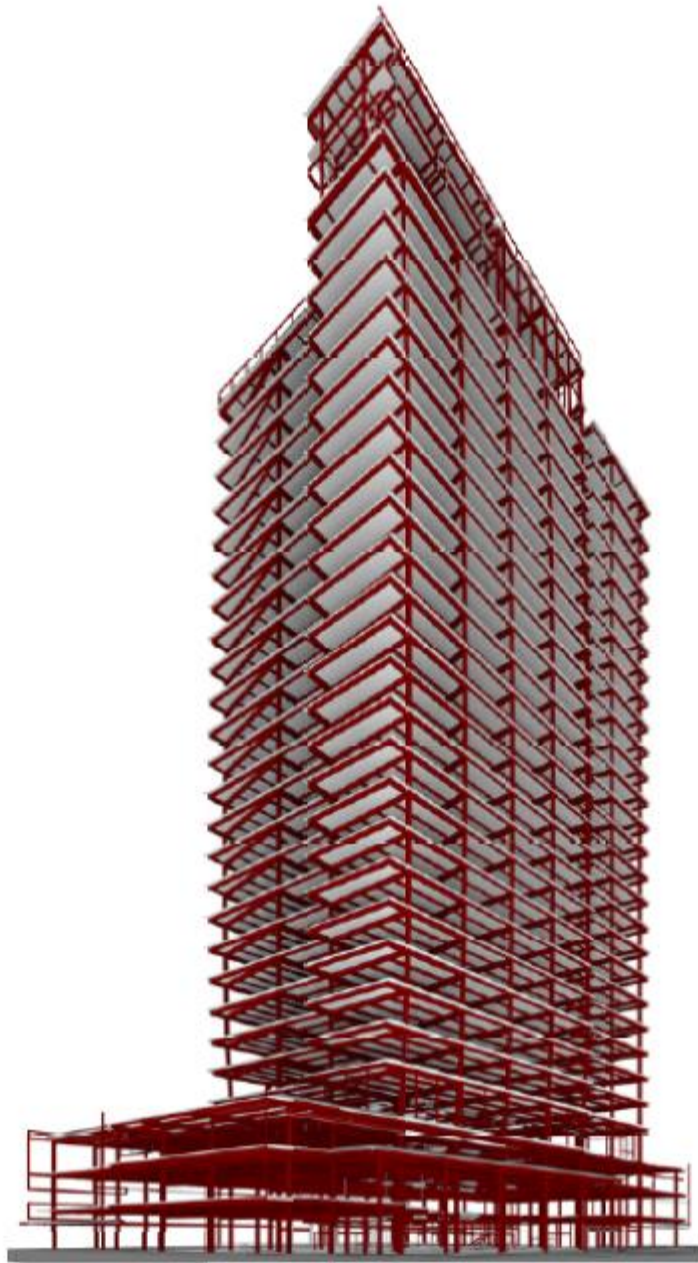


Tower-E Podium Concept Sketch

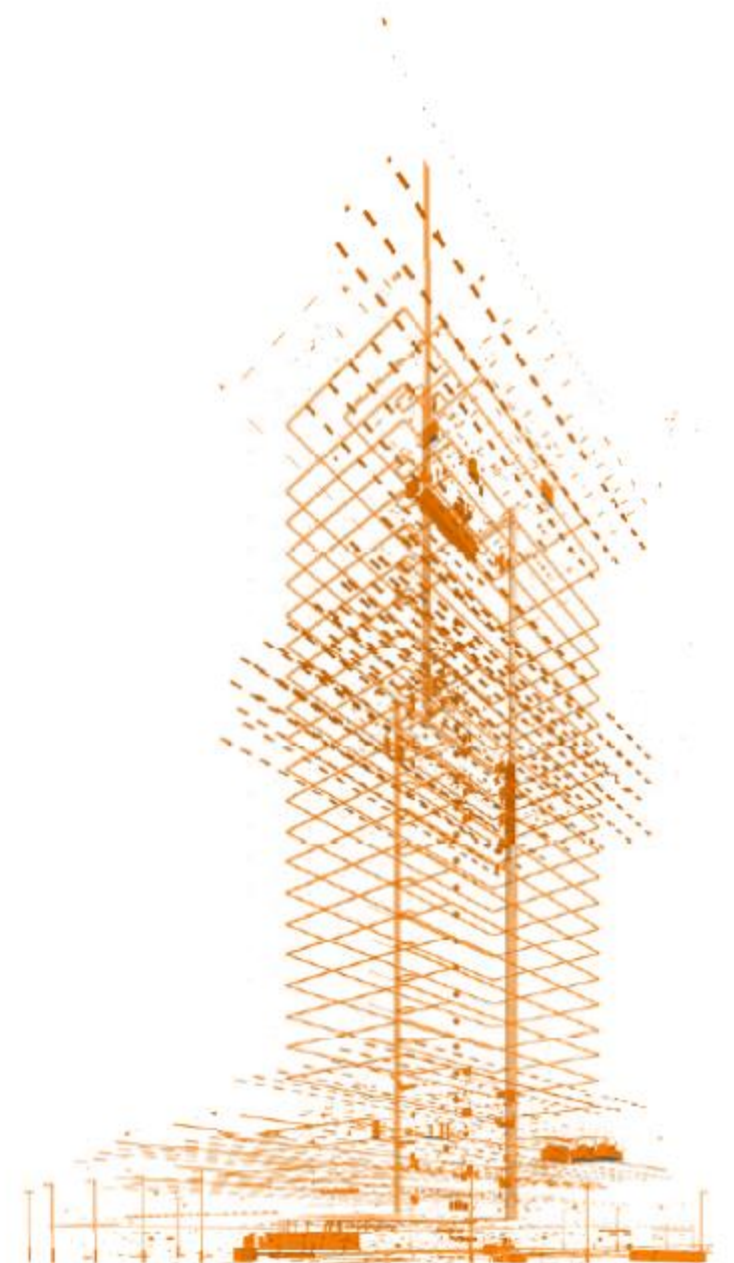




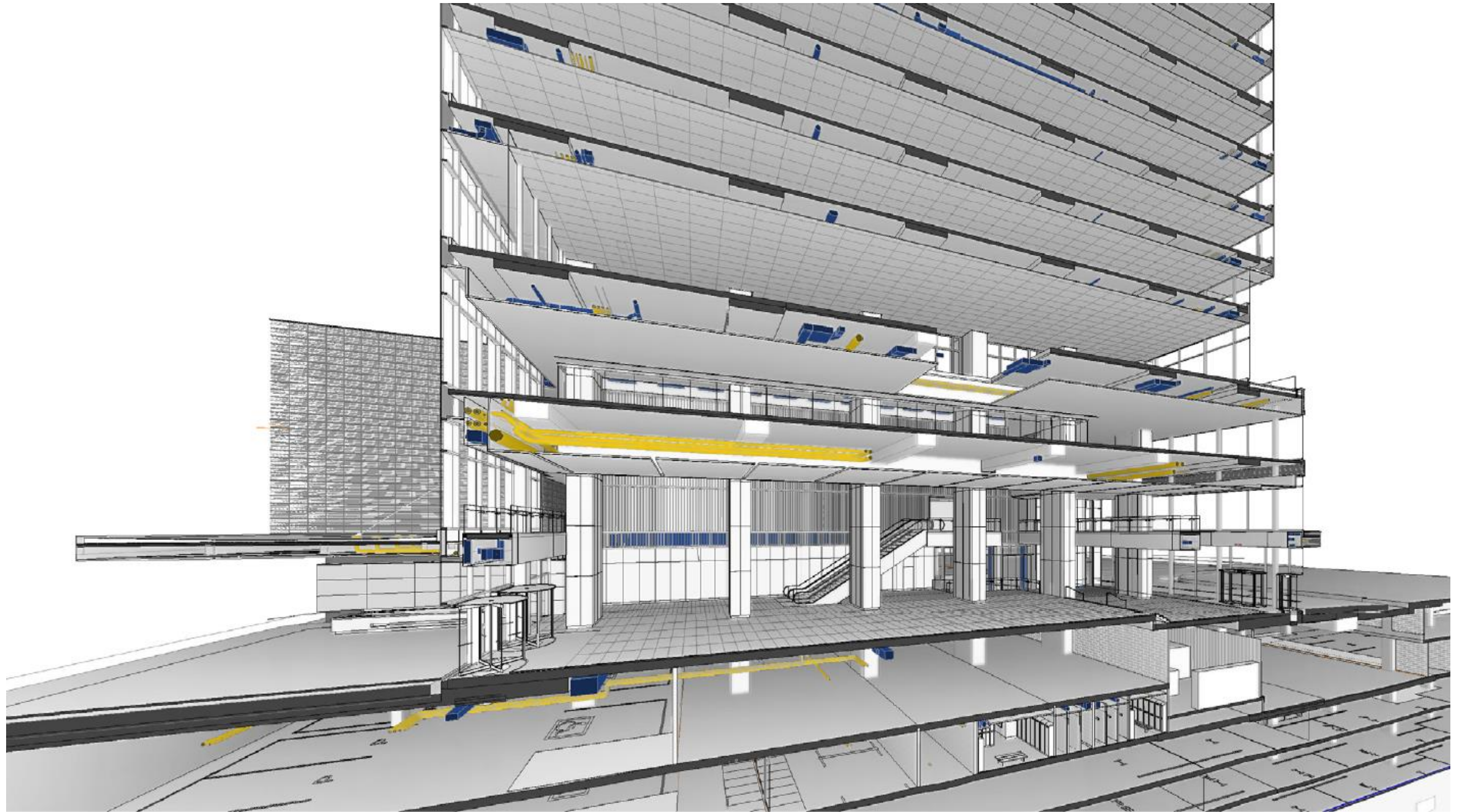
Architectural - Stantec



Structural - Stantec



Electrical - Stantec



A360/BIM 360 Overviews





AUTODESK®
BIM 360™



AUTODESK®
BIM 360™ TEAM



AUTODESK® REVIT®
**COLLABORATION
SUITE 2017**



 AUTODESK®



AUTODESK UNIVERSITY 2016

 AUTODESK®

Home - A360

https://myhub.autodesk360.com/g/all_projects/shared

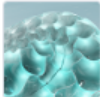



AppsWelcomeBookmarksHanginPressReaderSMKCRPMIT SRLMSSTN Training CentreArchiDATAAutodeskPartnerA360Revit HelpAdesk Sub CenterSupport | Autodesk HAutodesk Health DashSphercastOther bookmarks

A360


3

PINNEDALLOWNED BY MESHARED WITH ME


Create Project

Name	Owned By	Created On
 Arbutus & 32nd	Kim Glauber	Apr 12, 2016
 Demo Project	A360 Autodesk	Dec 1, 2015
 Roman's First Project	Roman	Dec 6, 2015
 Stantec Test REVIT Model	Adrian Hobden	Mar 11, 2016

Activity

**CW scan Full.pdf**


Aubrey Tucker uploaded to BIM Tech Research - Aubrey
Apr 26, 2016

**stn_Arbutus_Rezoning_144312105.rvt**


Kim Glauber updated to Arbutus & 32nd
Apr 14, 2016

Aubrey Tucker is added to Arbutus & 32nd project

Kim Glauber has created Arbutus & 32nd project




**CT**

joined Stantec Test REVIT Model

**RevitSampleProject.rvt**

Adrian Hobden uploaded to Stantec Test REVIT Model
Mar 11, 2016

Adrian Hobden has created Stantec Test REVIT Model project



joined Robson Square

STA_ARCH_RobsonSquare-Central.rvt





4:34 PM
11/14/2016

Team Stantec - BIM 360





https://stantec.autodesk360.com/g/all_projects/shared

AppsWelcomeBookmarksHanginPressReaderSMKCRPMIT SRLMSSTN Training CentreArchiDATAAutodeskPartnerA360Revit HelpAdesk Sub CenterSupport | Autodesk HAutodesk Health DashSphercastOther bookmarks

Team Stantec

8

SHARED WITH ME

Name	Owned By	Created On
 144315047_11_and_11_calgary_tower	Al Thibault	Mar 11, 2016
 144315056_BTC_Tower_3	Al Thibault	Feb 5, 2016
 holborn_little_mountain	Al Thibault	May 13, 2016
 stn_project_admin_doc	Al Thibault	Jun 3, 2016

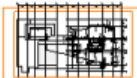
Activity

Al Thibault changed allOxygenGroups, Project type:, data and more of 144315056_BTC_Tower_3 project

Shandra Vedress is added to 144315056_BTC_Tower_3 project

Al Thibault changed allOxygenGroups, Project type:, data and more of 144315047_11_and_11_calgary_tower project


IGD_11-11_STN_ARCH.rvt



Aubrey Tucker added a comment 11 hours ago

Anita Moghadasian updated to 144315047_11_and_11_calgary_tower Oct 20, 2016


BTC-T3_STN_ARCH-Content.rvt



Raed Alkhateeb commented "Katherine Kimdoor..." Oct 25, 2016

Usman Aziz updated to 144315056_BTC_Tower_3 Oct 18, 2016

BTC-T3_STN_ARCH-Document.rvt



Raed Alkhateeb added a comment Oct 17, 2016

Usman Aziz updated to 144315056_BTC_Tower_3

Windows taskbar with icons for Internet Explorer, File Explorer, Google Chrome, Microsoft Word, PowerPoint, and others. System tray shows the time as 4:35 PM on 11/14/2016.

Team Stantec - BIM 360





https://stantec.autodesk360.com/g/all_projects/shared

AppsWelcomeBookmarksHanginPressReaderSMKCRPMIT SRLMSSTN Training CentreArchiDATAAutodeskPartnerA360Revit HelpAdesk Sub CenterSupport | Autodesk HAutodesk Health DashSphercastOther bookmarks

Team Stantec

8

SHARED WITH ME

Name	Owned By	Created On
 144315047_11_and_11_calgary_tower	Al Thibault	Mar 11, 2016
 144315056_BTC_Tower_3	Al Thibault	Feb 5, 2016
 holborn_little_mountain	Al Thibault	May 13, 2016
 stn_project_admin_doc	Al Thibault	Jun 3, 2016

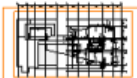
Activity

Al Thibault changed allOxygenGroups, Project type:, data and more of 144315056_BTC_Tower_3 project

Shandra Vedress is added to 144315056_BTC_Tower_3 project

Al Thibault changed allOxygenGroups, Project type:, data and more of 144315047_11_and_11_calgary_tower project


IGD_11-11_STN_ARCH.rvt



Aubrey Tucker added a comment 11 hours ago

Anita Moghadasian updated to 144315047_11_and_11_calgary_tower Oct 20, 2016


BTC-T3_STN_ARCH-Content.rvt



Raed Alkhateeb commented "Katherine Kimdoor..." Oct 25, 2016

Usman Aziz updated to 144315056_BTC_Tower_3 Oct 18, 2016

BTC-T3_STN_ARCH-Document.rvt



Raed Alkhateeb added a comment Oct 17, 2016

Usman Aziz updated to 144315056_BTC_Tower_3

Windows taskbar with icons for Internet Explorer, File Explorer, Google Chrome, Microsoft Word, PowerPoint, and others. System tray shows the time as 4:35 PM on 11/14/2016.

Team DIALOG - BIM 360

← → ↻ ⌂ https://dialog.autodesk360.com/g/all_projects/shared ☆ ⋮

Apps Welcome ★ Bookmarks Hangin PressReader SMKC RPM IT SR LMS STN Training Centre ArchiDATA AutodeskPartner A360 Revit Help Adesk Sub Center Support | Autodesk H Autodesk Health Dash Sphercast >> Other bookmarks

B | Team DIALOG

🔍 🔔 1 ? 👤

SHARED WITH ME

Name ▾	Owned By	Created On
01290E ICE District	DesignTech Support	Mar 20, 2016

Activity

DLG_01290E_AR_BlockBG_PodiumG.rvt

Elyssa Bradshaw updated to 01290E ICE District Nov 10, 2016

Krigh Bachmann has joined 01290E ICE District project

HPA_1219_AR_BlockBG_TowerB_FrontEnd.rvt

Vera Djurdjevic updated to 01290E ICE District Nov 9, 2016

STA_ARCH_TowerE_Spheres.rvt

Sri Kalyan Thontepu commented "Clash" Nov 9, 2016

Felix Tan updated to 01290E ICE District Nov 4, 2016

mech_towerE_4330.rvt

Felix Tan uploaded to 01290E ICE District Nov 4, 2016

structure_towerE_tower_4330.rvt

Felix Tan uploaded to 01290E ICE District Nov 4, 2016

4:36 PM 11/14/2016

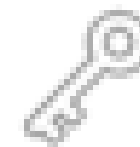
 **AUTODESK.** ACCOUNT

PROFILE

MANAGEMENT

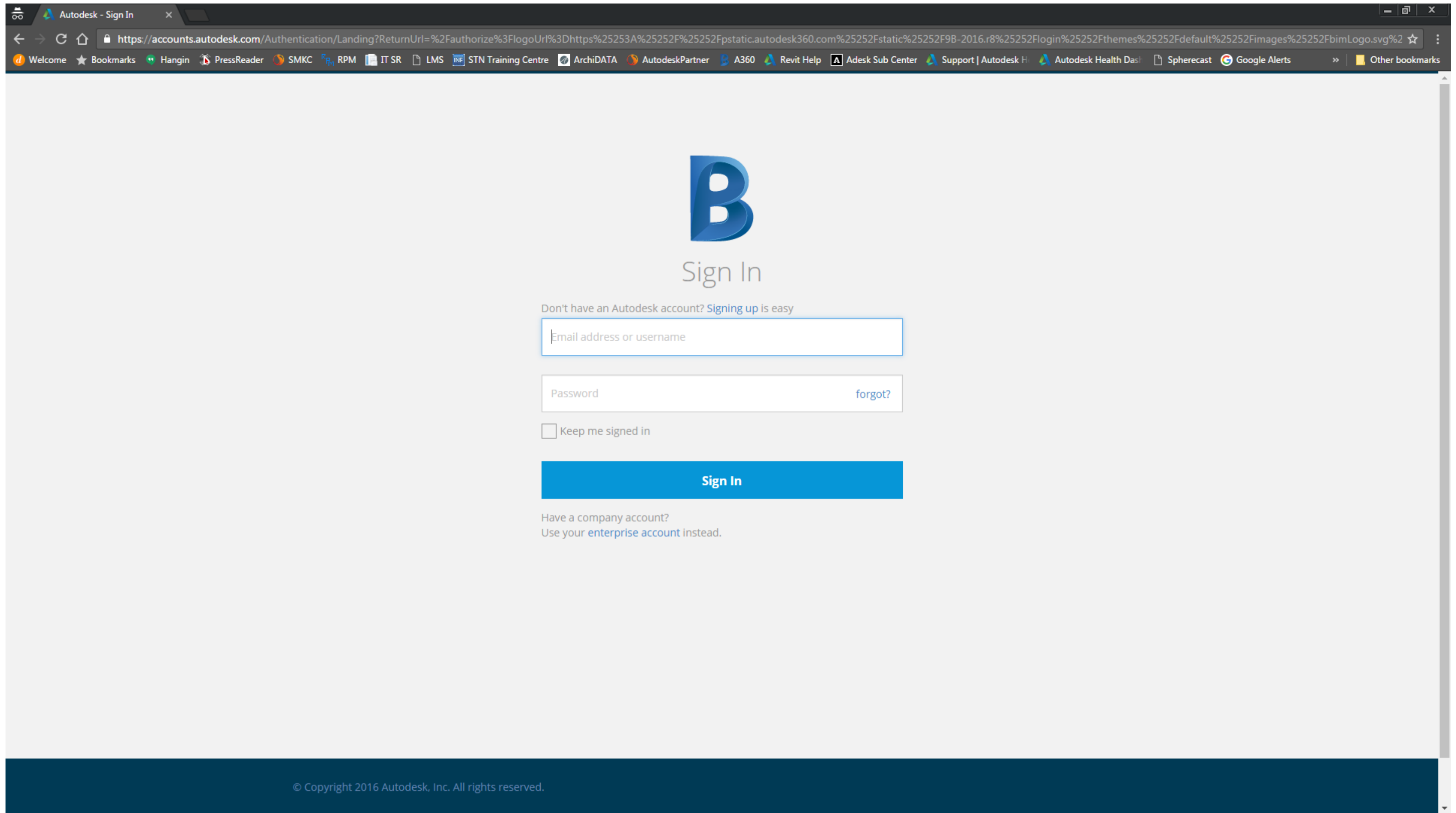


my profile



security settings





Who do you want to invite to this project?

Email addresses or names of the people you'd like to invite(required)

Access Level

Editor ▼

(Don't use mailing lists.)

Project Contributors are allowed in this Project.

Users you invite will be invited as Project Contributors into this hub.

Cancel

Send Invitations



V





FLOOR AREA SUMMARY

[illegible]

Line color	Hex code
Red	#FF0000
Orange	#FFA500
Yellow	#FFFF00
Blue	#0000FF
Cyan	#00FFFF
Green	#00FF00

Line width	Visual representation
2	Thick red square
1	Thin red square

How did we do?

- Your class feedback is critical. Fill out a **class survey** now.
- Use the AU mobile app or fill out a class survey online.
- Give feedback after each session.
- AU speakers will get feedback in real-time.
- **Your feedback results in better classes and a better AU experience.**



More Questions? Visit the AU Answer Bar

- Seek answers to all of your technical product questions by visiting the **Answer Bar**.
- Open daily from **8am-6pm Tuesday** and **Wednesday**; **8am-4:30pm Thursday**.
- Located outside **Hall C, Level 2**.
- Meet Autodesk developers, testers, & support engineers ready to help with your most challenging technical questions.



