A Game of Inches
Your playbook for successful BIM Coordination

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Mortenson  HNTB  Revizto
Learning Objectives

• How to cut out manual, time-consuming tasks that add zero value to your project.
• Streamlining collaborative issue tracking through your existing platforms like Revit, Navisworks, Fab MEP, Tekla and AutoCad.
• Grasp the potential of location aware intelligent sheets on your project for coordination and reporting.
• Breaking down barriers between Design and Construction.
Speakers

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Project Description
Today’s Discussion

Discuss how Revizto is Adding Value on a Large-Scale Design Build Project
PURPOSE
Design Assist Partnership

**Design Assist Model Exchange**

- **FP (SSR)**
- **MECH (SSR)**
- **PLMB (SSR)**
- **ELEC (SSR)**
- **STEEL (ARUP)**
- **PRECAST (HNTB)**
- **ENVELOPE (HNTB)**
- **STRUCTURE (ARUP)**
- **ENVELOPE (HNTB)**
- **VERTICAL (HNTB)**

**Weekly Static Models Shared Via Box (MMC)**

- **FP (DF)**
- **MECH (HARRIS)**
- **PLMB (HARRIS)**
- **ELEC (GM)**
- **STEEL (MERRILL)**
- **PRECAST (WPP)**
- **CABINET (ENCLOS)**
- **CABLE NET (FREY)**
- **ETE (VECTOR)**
- **VERTICAL (KONE)**

**Trade Partner Process is to Align with Current Practice in Place for Harris and SSR**

- Harris is Modeling a Single Source Model for their Scope. SSR Annotating as a Linked Model for Permit Design Documentation.
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**GM is Modeling Directly within SSR’s Model for Circuiting and is Transitioning SSR’s Design Geometry into Fabrication Geometry per Coordination Area.**

- Merrill’s Steel Model will Never Supersede ARUP’s Model. Due to Final/Relaxed State vs As Fabricated/Installed State. Model is Exported Weekly as NWC and IPC Models.

**HNTB Incorporates KONE’s Revit 3D Geometry into their Architectural Revit Model**

- Vector Politec: Develops Coordination Models in Rhino that will be delivered in a format for future coordination efforts.

- Freyssinet: Develops Coordination Model in Rhino that will be delivered in a format for future coordination efforts.


- WPP’s Precast Model to Supersede HNTB’s “Bowl” Model. Only for Scope that is Per WPP’s Contract, Remaining Scope is to be Maintained in Corresponding HNTB Revit Models.
Construction Coordination

CONSTRUCTION MODEL

NAVISWORKS

CLASH TESTS

CLASH GROUPS

BIMONE

LIVE

BOX Sync

revizto
PLATFORM
Software Applications Utilized

- POINT LAYOUT
- Tableau
- CIVIL 3D
- NAVISWORKS
- AUTOCAD
- BIM 360™
- Power BI
- REVIT
- matterport®
- revizto™
- ASSEMBLA
- Dynamo
- grasshopper
- RECAP™ PRO
- BOX
- Cyclone 3D
- InsiteVR
- Tekla
- SKYCATCH
- ENSCAPE™
Software Applications Utilized

POINT LAYOUT
AUTOCAD
BIM 360™
matterport®
RhinoCATOR
grasshopper
DYNAMO SOFTWARE
RECAP™ PRO
Tekla
SKYCATCH
Tableau
CIVIL 3D
NAVISWORKS
Power BI
ASSEMBLA
revizto™
REVIT
IRIS VR
box
Cyclone
ENSCAPE™
InsiteVR
PERFORMANCE
Performance
Today’s Demonstration

Demonstrate Revizto’s Intuitive Interface, Allowing for Enhanced Collaboration

PURPOSE

PEOPLE

PROCESS

PERFORMANCE
Questions?
Thank you!