



JacksonRoxborough^{Pty Ltd}
Steel Detailing Consultants

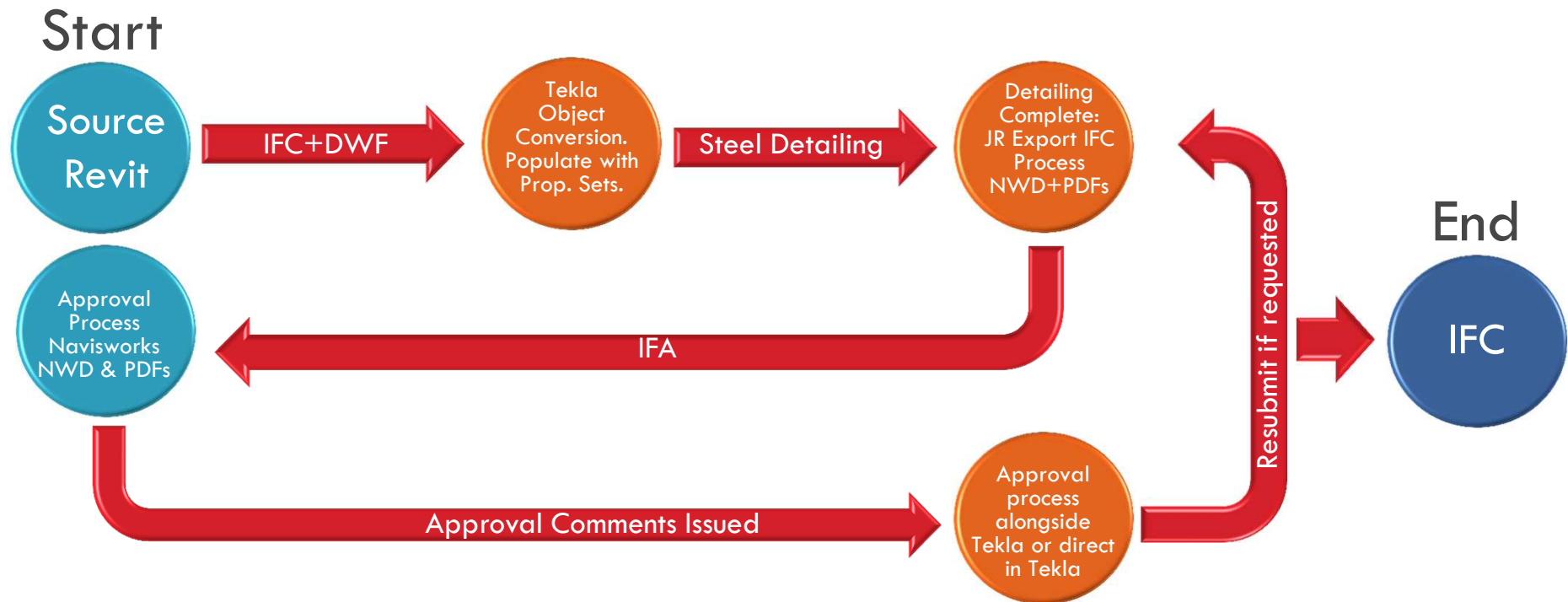
BORNHORST + WARD

CONSULTING ENGINEERS
CIVIL AND STRUCTURAL

BIM IN PRACTICE

Process Workflow using Revit, Tekla and IFC format.

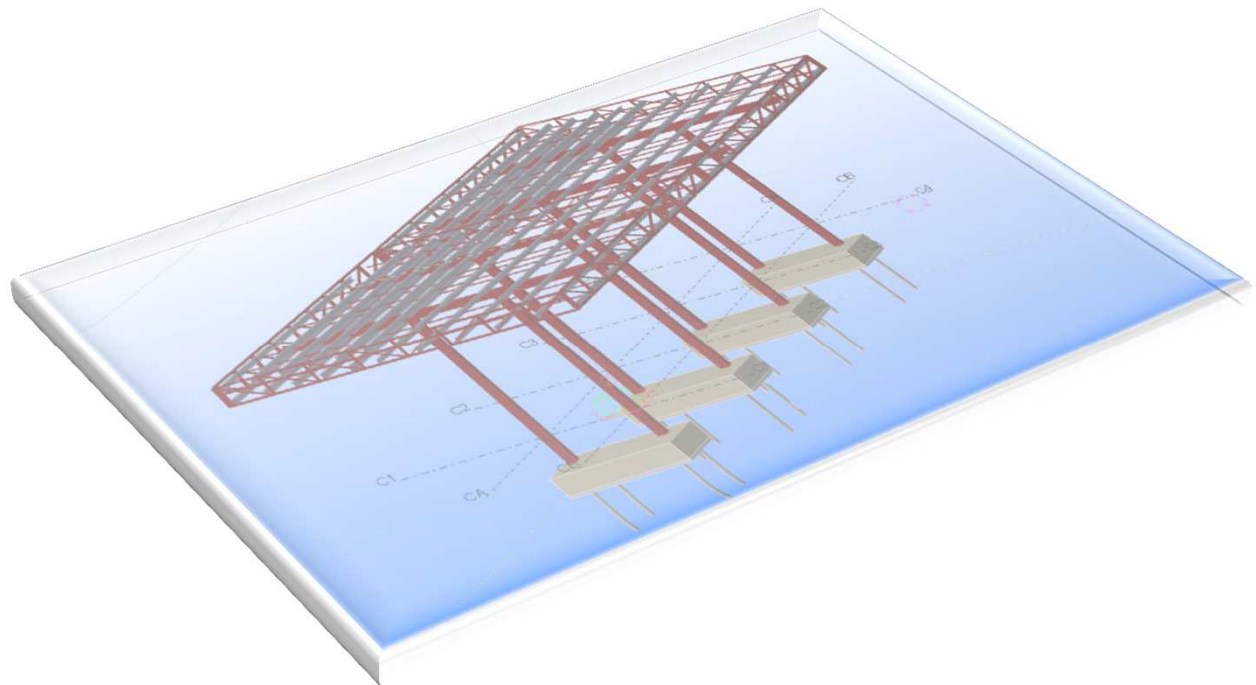
Process Workflow



Source Revit

Back

- ▣ IFC Model
- ▣ DWF of Design

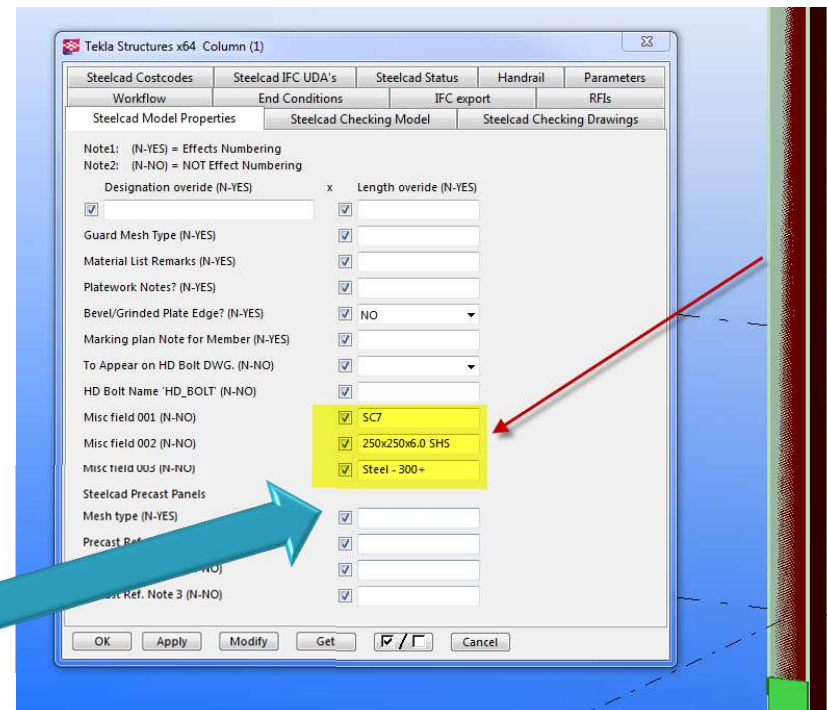


Tekla Object Conversion

Back

- ❑ Convert IFC reference model into Tekla sections.
- ❑ Populate Tekla Steelwork with Property Set data.

Bornhorst Property Set data applied to column as part of conversion process.



Back

Tekla Approval Process

- ▣ Review the comments in the Navisworks model alongside the Tekla model.
- ▣ In conjunction with CSV for identifying model elements affected by comments.
- ▣ Show CSV referenced in Tekla
- ▣ Compare NWD files

Open
CSV

Compare
NWD files