TEKLA BASECAMP

AUG.27-29

2019

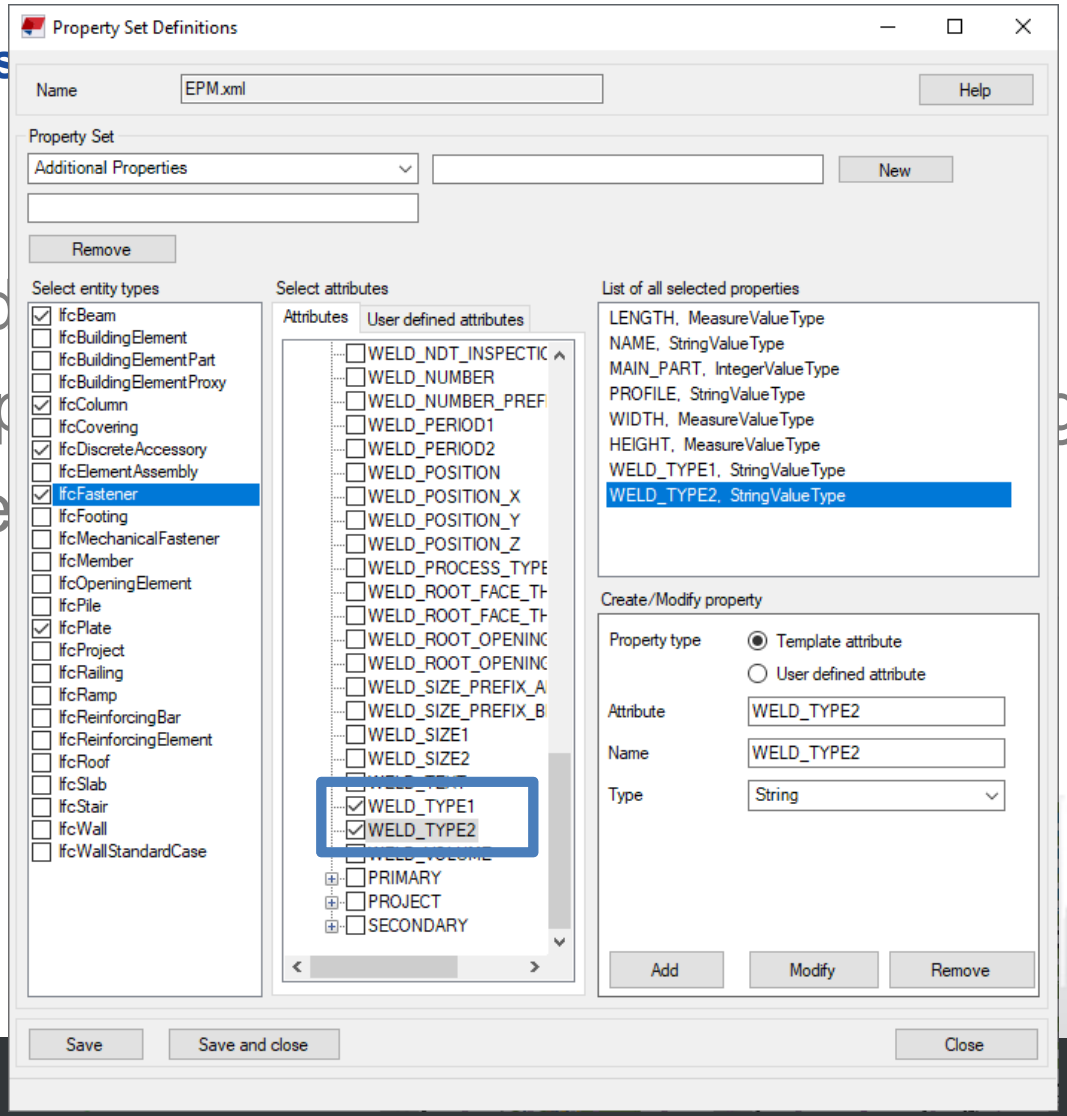
Tekla EPM 2019i New Features:
EPM Plugin Updates, IFC Export from TS
and Importing IFC and XML with GUIDs

Trimble Connect for Tekla PowerFab

Trimble

Tekla Structures

- “Esti_mod
- Map IFC p g
- Weld type

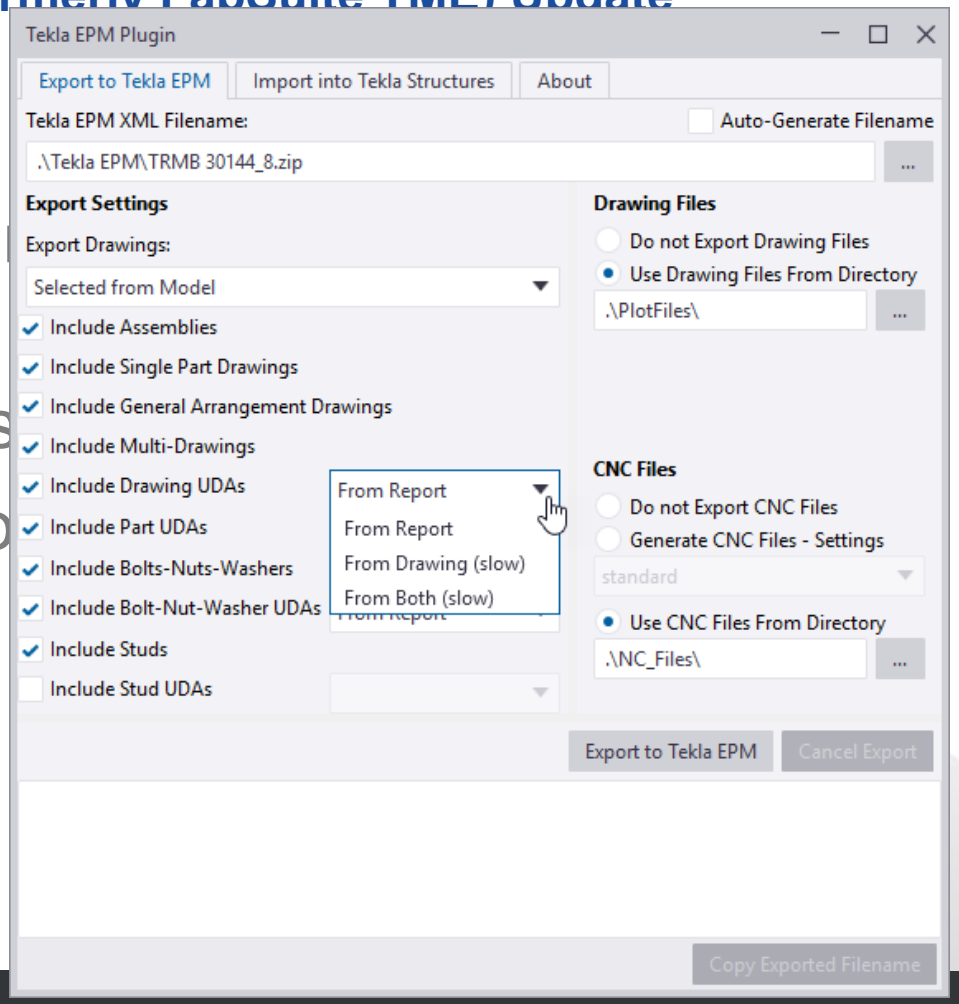


Tekla EPM 2019i New Feature:
Estimating IFC Import with GUIDs

- The old IFC import: replaced data completely, no updates
- The new IFC import: compares GUIDs (Global Unique Identifiers) to make accurate updates from changes made to the detailing model.
- Import report summarizes changes

EPM Plugin (Formerly FabSuite TME) Update

- Updated i
- Option to
  (Drawings
- New optio

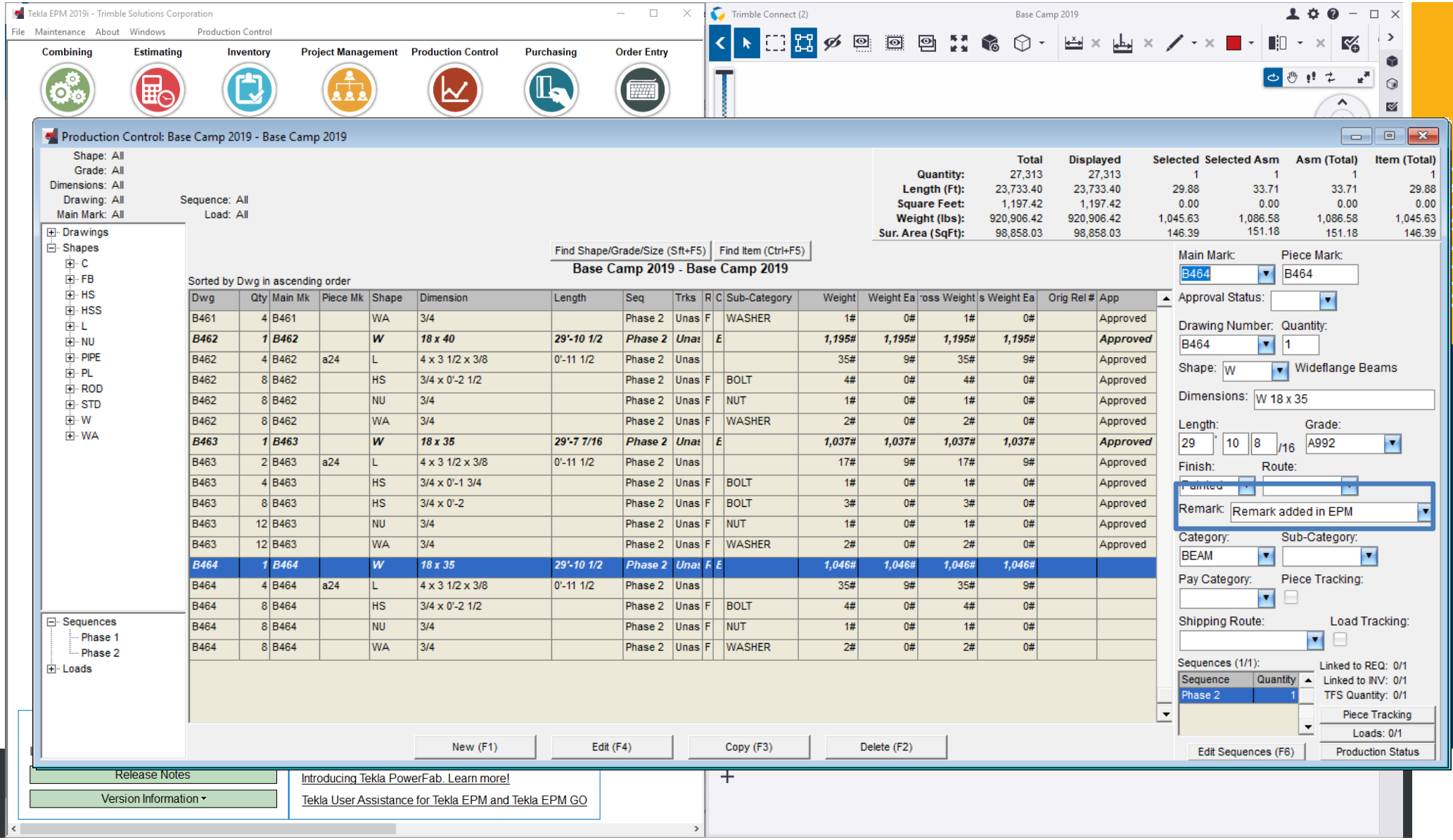


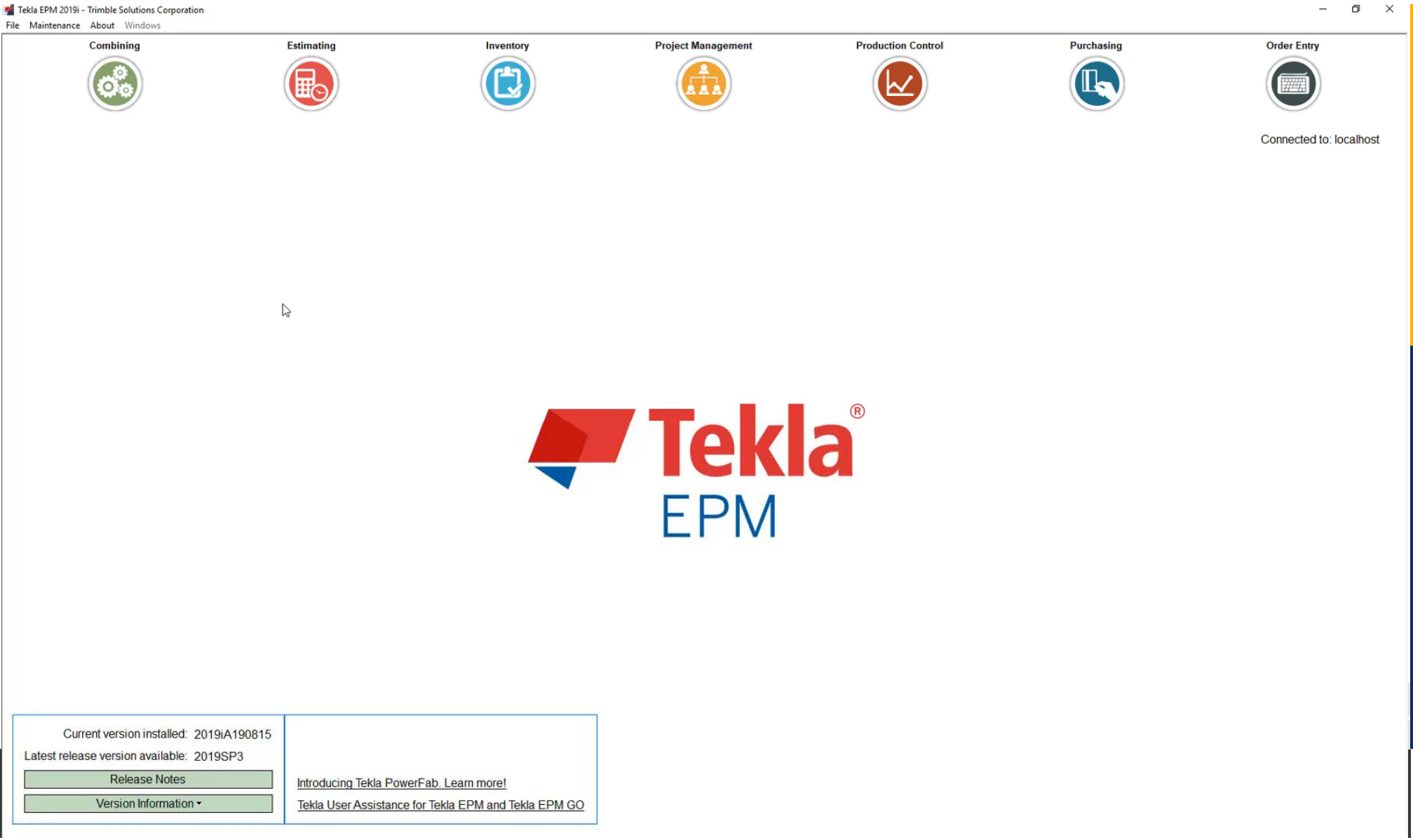
2019

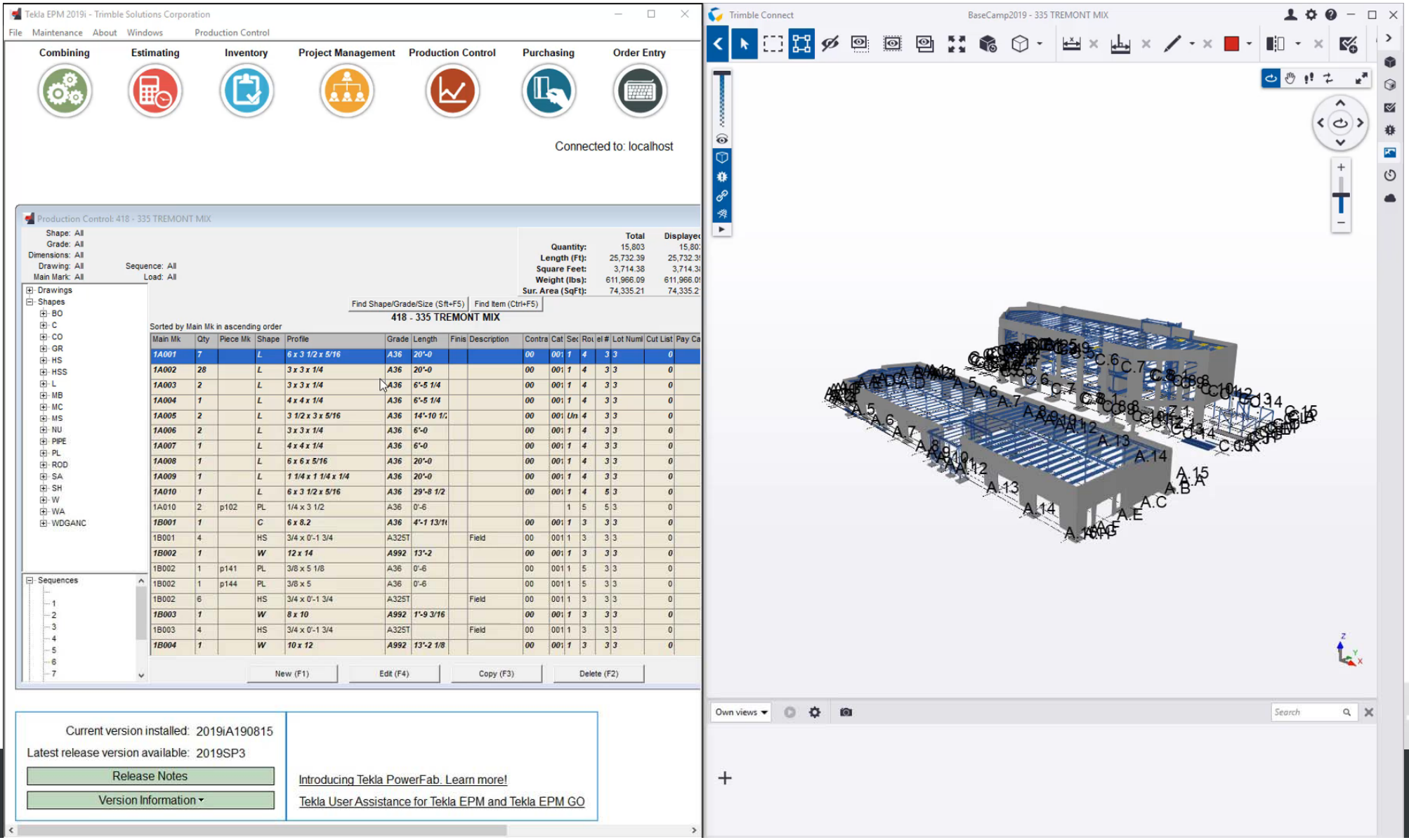
TEKLA BASECAMP

Tekla EPM 2019i New Feature:
Production Control XML Import with GUIDs

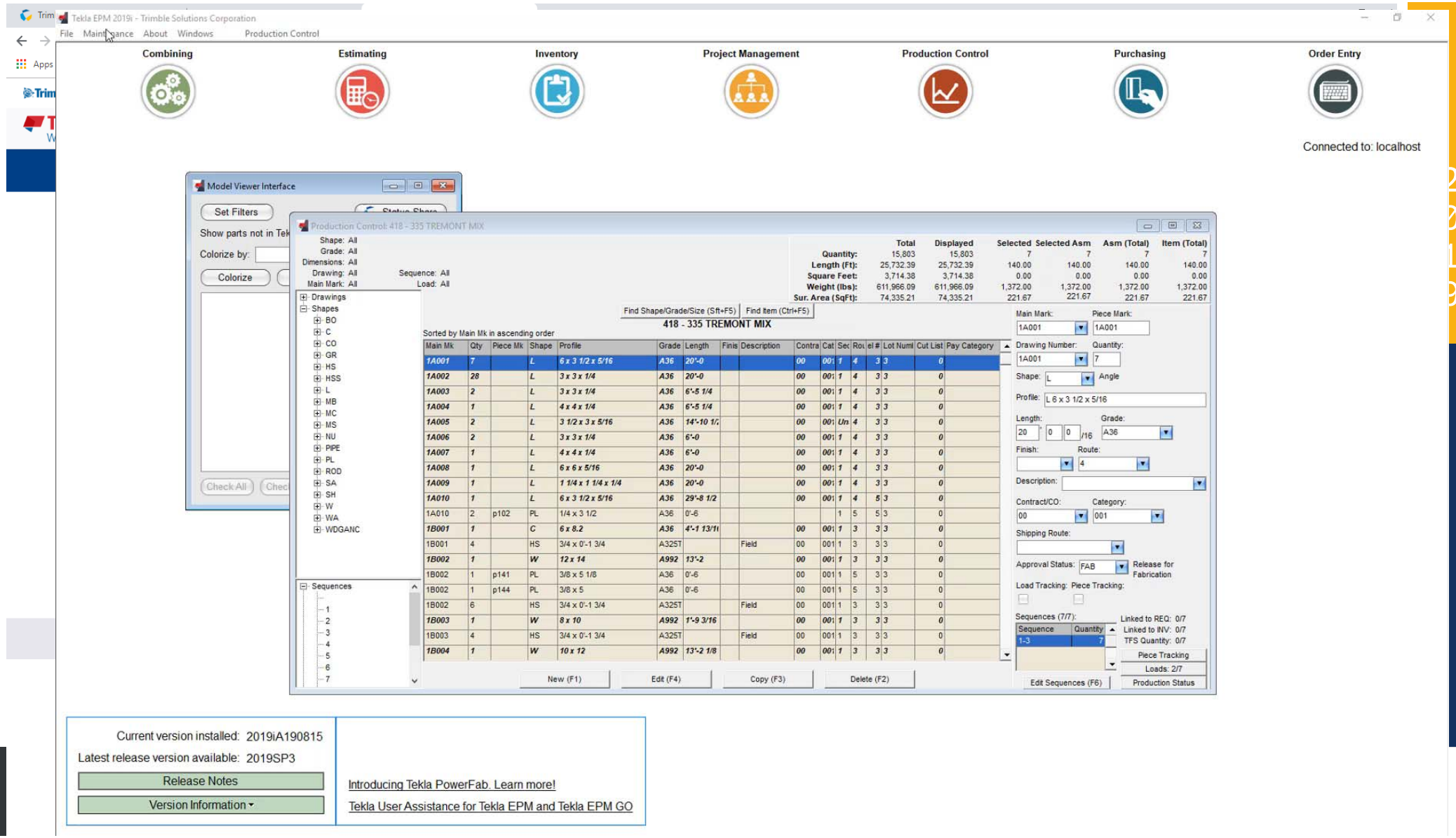
- The old XML import: updated by piecemark, no handling of mark or quantity changes
- The new XML import: compares GUIDs to make accurate updates from changes made to the detailing model.
- Import report summarizes changes


Tekla EPM 2019i - Trimble Solutions Corporation
File Maintenance About Windows Production Control
Combining
Estimating
Inventory
Project Management
Production Control
Purchasing
Order Entry
Trimble Connect (2)
Base Camp 2019
Production Control: Base Camp 2019 - Base Camp 2019
Shape: All
Grade: All
Dimensions: All
Drawing: All
Sequence: All
Main Mark: All
Load: All
Quantity: 27,313 27,313 1 1 1 1
Length (Ft): 23,733.40 23,733.40 29.88 33.71 33.71 29.88
Square Feet: 1,197.42 1,197.42 0.00 0.00 0.00 0.00
Weight (lbs): 920,906.42 920,906.42 1,045.63 1,086.58 1,086.58 1,045.63
Sur. Area (SqFt): 98,858.03 98,858.03 146.39 151.18 151.18 146.39
Drawings
Shapes
C
FB
HS
HSS
L
NU
PIPE
PL
ROD
STD
W
WA
Sequences
Phase 1
Phase 2
Loads
Find Shape/Grade/Size (Sft+F5)
Find Item (Ctrl+F5)
Base Camp 2019 - Base Camp 2019
Sorted by Dwg in ascending order
Dwg Qty Main Mk Piece Mk Shape Dimension Length Seq Trks R C Sub-Category Weight Weight Ea oss Weight s Weight Ea Orig Rel # App
B461 4 B461 WA 3/4 Phase 2 Unas F WASHER 1# 0# 1# 0# Approved
B462 1 B462 W 18 x 40 29'-10 1/2 Phase 2 Unas E 1,195# 1,195# 1,195# 1,195# Approved
B462 4 B462 a24 L 4 x 3 1/2 x 3/8 0'-11 1/2 Phase 2 Unas 35# 9# 35# 9# Approved
B462 8 B462 HS 3/4 x 0'-2 1/2 Phase 2 Unas F BOLT 4# 0# 4# 0# Approved
B462 8 B462 NU 3/4 Phase 2 Unas F NUT 1# 0# 1# 0# Approved
B462 8 B462 WA 3/4 Phase 2 Unas F WASHER 2# 0# 2# 0# Approved
B463 1 B463 W 18 x 35 29'-7 7/16 Phase 2 Unas E 1,037# 1,037# 1,037# 1,037# Approved
B463 2 B463 a24 L 4 x 3 1/2 x 3/8 0'-11 1/2 Phase 2 Unas 17# 9# 17# 9# Approved
B463 4 B463 HS 3/4 x 0'-1 3/4 Phase 2 Unas F BOLT 1# 0# 1# 0# Approved
B463 8 B463 HS 3/4 x 0'-2 Phase 2 Unas F BOLT 3# 0# 3# 0# Approved
B463 12 B463 NU 3/4 Phase 2 Unas F NUT 1# 0# 1# 0# Approved
B463 12 B463 WA 3/4 Phase 2 Unas F WASHER 2# 0# 2# 0# Approved
B464 1 B464 W 18 x 35 29'-10 1/2 Phase 2 Unas F E 1,046# 1,046# 1,046# 1,046#
B464 4 B464 a24 L 4 x 3 1/2 x 3/8 0'-11 1/2 Phase 2 Unas 35# 9# 35# 9#
B464 8 B464 HS 3/4 x 0'-2 1/2 Phase 2 Unas F BOLT 4# 0# 4# 0#
B464 8 B464 NU 3/4 Phase 2 Unas F NUT 1# 0# 1# 0#
B464 8 B464 WA 3/4 Phase 2 Unas F WASHER 2# 0# 2# 0#
Main Mark: B464
Piece Mark: B464
Approval Status:
Drawing Number: B464
Quantity: 1
Shape: W Wideflange Beams
Dimensions: W 18 x 35
Length: 29 10 8 /16
Grade: A992
Finish: Painted
Route:
Remark: Remark added in EPM
Category: BEAM
Sub-Category:
Pay Category:
Piece Tracking:
Shipping Route:
Load Tracking:
Sequences (1/1):
Sequence Quantity
Phase 2 1
Linked to REQ: 0/1
Linked to INV: 0/1
TFS Quantity: 0/1
Piece Tracking
Loads: 0/1
Production Status
Edit Sequences (F6)
New (F1)
Edit (F4)
Copy (F3)
Delete (F2)
Release Notes
Version Information
Introducing Tekla PowerFab. Learn more!
Tekla User Assistance for Tekla EPM and Tekla EPM GO


Tekla EPM 2019i - Trimble Solutions Corporation
File Maintenance About Windows
Combining
Estimating
Inventory
Project Management
Production Control
Purchasing
Order Entry
Connected to: localhost
Tekla®
EPM
Current version installed: 2019iA190815
Latest release version available: 2019SP3
Release Notes
Version Information
Introducing Tekla PowerFab. Learn more!
Tekla User Assistance for Tekla EPM and Tekla EPM GO
2019


Tekla EPM 2019i - Trimble Solutions Corporation
File Maintenance About Windows Production Control
Combining
Estimating
Inventory
Project Management
Production Control
Purchasing
Order Entry
Connected to: localhost
Production Control: 418 - 335 TREMONT MIX
Shape: All
Grade: All
Dimensions: All
Drawing: All
Main Mark: All
Sequence: All
Load: All
Total
Displayed
Quantity: 15,803
Length (Ft): 25,732.39
Square Feet: 3,714.38
Weight (lbs): 611,966.09
Sur. Area (SqFt): 74,335.21
Find Shape/Grade/Size (Sft+F5)
Find Item (Ctrl+F5)
418 - 335 TREMONT MIX
Sorted by Main Mk in ascending order
Drawings
Shapes
BO
C
CO
GR
HS
HSS
L
MB
MC
MS
NU
PIPE
PL
ROD
SA
SH
W
WA
WDGANC
Sequences
Main Mk | Qty | Piece Mk | Shape | Profile | Grade | Length | Finis | Description | Contra | Cat | Sec | Rou | el # | Lot Numl | Cut List | Pay Ca
1A001 | 7 | | L | 6 x 3 1/2 x 5/16 | A36 | 20'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0
1A002 | 28 | | L | 3 x 3 x 1/4 | A36 | 20'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0
1A003 | 2 | | L | 3 x 3 x 1/4 | A36 | 6'-5 1/4 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0
1A004 | 1 | | L | 4 x 4 x 1/4 | A36 | 6'-5 1/4 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0
1A005 | 2 | | L | 3 1/2 x 3 x 5/16 | A36 | 14'-10 1/2 | | | 00 | 001 | Un | 4 | 3 | 3 | 0
1A006 | 2 | | L | 3 x 3 x 1/4 | A36 | 6'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0
1A007 | 1 | | L | 4 x 4 x 1/4 | A36 | 6'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0
1A008 | 1 | | L | 6 x 6 x 5/16 | A36 | 20'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0
1A009 | 1 | | L | 1 1/4 x 1 1/4 x 1/4 | A36 | 20'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0
1A010 | 1 | | L | 6 x 3 1/2 x 5/16 | A36 | 29'-8 1/2 | | | 00 | 001 | 1 | 4 | 5 | 3 | 0
1A010 | 2 | p102 | PL | 1/4 x 3 1/2 | A36 | 0'-6 | | | | | 1 | 5 | 5 | 3 | 0
1B001 | 1 | | C | 6 x 8.2 | A36 | 4'-1 13/16 | | | 00 | 001 | 1 | 3 | 3 | 3 | 0
1B001 | 4 | | HS | 3/4 x 0'-1 3/4 | A325T | | | Field | 00 | 001 | 1 | 3 | 3 | 3 | 0
1B002 | 1 | | W | 12 x 14 | A992 | 13'-2 | | | 00 | 001 | 1 | 3 | 3 | 3 | 0
1B002 | 1 | p141 | PL | 3/8 x 5 1/8 | A36 | 0'-6 | | | 00 | 001 | 1 | 5 | 3 | 3 | 0
1B002 | 1 | p144 | PL | 3/8 x 5 | A36 | 0'-6 | | | 00 | 001 | 1 | 5 | 3 | 3 | 0
1B002 | 6 | | HS | 3/4 x 0'-1 3/4 | A325T | | | Field | 00 | 001 | 1 | 3 | 3 | 3 | 0
1B003 | 1 | | W | 8 x 10 | A992 | 1'-9 3/16 | | | 00 | 001 | 1 | 3 | 3 | 3 | 0
1B003 | 4 | | HS | 3/4 x 0'-1 3/4 | A325T | | | Field | 00 | 001 | 1 | 3 | 3 | 3 | 0
1B004 | 1 | | W | 10 x 12 | A992 | 13'-2 1/8 | | | 00 | 001 | 1 | 3 | 3 | 3 | 0
New (F1)
Edit (F4)
Copy (F3)
Delete (F2)
Current version installed: 2019iA190815
Latest release version available: 2019SP3
Release Notes
Version Information
Introducing Tekla PowerFab. Learn more!
Tekla User Assistance for Tekla EPM and Tekla EPM GO
Trimble Connect
BaseCamp2019 - 335 TREMONT MIX
Own views
Search

2019


Tekla EPM 2019i - Trimble Solutions Corporation
File Maintenance About Windows Production Control
Combining
Estimating
Inventory
Project Management
Production Control
Purchasing
Order Entry
Connected to: localhost
Model Viewer Interface
Set Filters
Colorize by:
Colorize
Check All
Production Control: 418 - 335 TREMONT MIX
Shape: All
Grade: All
Dimensions: All
Drawing: All
Main Mark: All
Sequence: All
Load: All
Drawings
Shapes
BO
C
CO
GR
HS
HSS
L
MB
MC
MS
NU
PIPE
PL
ROD
SA
SH
W
WA
WDGANC
Sequences
Quantity: 15,803 15,803 7 7 7 7
Length (Ft): 25,732.39 25,732.39 140.00 140.00 140.00 140.00
Square Feet: 3,714.38 3,714.38 0.00 0.00 0.00 0.00
Weight (lbs): 611,966.09 611,966.09 1,372.00 1,372.00 1,372.00 1,372.00
Sur. Area (SqFt): 74,335.21 74,335.21 221.67 221.67 221.67 221.67
Find Shape/Grade/Size (Sft+F5)
Find Item (Ctrl+F5)
418 - 335 TREMONT MIX
Sorted by Main Mk in ascending order
Main Mk | Qty | Piece Mk | Shape | Profile | Grade | Length | Finis | Description | Contra | Cat | Sec | Rou | el # | Lot Numl | Cut List | Pay Category
1A001 | 7 | | L | 6 x 3 1/2 x 5/16 | A36 | 20'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0 |
1A002 | 28 | | L | 3 x 3 x 1/4 | A36 | 20'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0 |
1A003 | 2 | | L | 3 x 3 x 1/4 | A36 | 6'-5 1/4 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0 |
1A004 | 1 | | L | 4 x 4 x 1/4 | A36 | 6'-5 1/4 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0 |
1A005 | 2 | | L | 3 1/2 x 3 x 5/16 | A36 | 14'-10 1/2 | | | 00 | 001 | Un | 4 | 3 | 3 | 0 |
1A006 | 2 | | L | 3 x 3 x 1/4 | A36 | 6'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0 |
1A007 | 1 | | L | 4 x 4 x 1/4 | A36 | 6'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0 |
1A008 | 1 | | L | 6 x 6 x 5/16 | A36 | 20'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0 |
1A009 | 1 | | L | 1 1/4 x 1 1/4 x 1/4 | A36 | 20'-0 | | | 00 | 001 | 1 | 4 | 3 | 3 | 0 |
1A010 | 1 | | L | 6 x 3 1/2 x 5/16 | A36 | 29'-8 1/2 | | | 00 | 001 | 1 | 4 | 5 | 3 | 0 |
1A010 | 2 | p102 | PL | 1/4 x 3 1/2 | A36 | 0'-6 | | | | | 1 | 5 | 5 | 3 | 0 |
1B001 | 1 | | C | 6 x 8.2 | A36 | 4'-1 13/16 | | | 00 | 001 | 1 | 3 | 3 | 3 | 0 |
1B001 | 4 | | HS | 3/4 x 0'-1 3/4 | A325T | | | Field | 00 | 001 | 1 | 3 | 3 | 3 | 0 |
1B002 | 1 | | W | 12 x 14 | A992 | 13'-2 | | | 00 | 001 | 1 | 3 | 3 | 3 | 0 |
1B002 | 1 | p141 | PL | 3/8 x 5 1/8 | A36 | 0'-6 | | | 00 | 001 | 1 | 5 | 3 | 3 | 0 |
1B002 | 1 | p144 | PL | 3/8 x 5 | A36 | 0'-6 | | | 00 | 001 | 1 | 5 | 3 | 3 | 0 |
1B002 | 6 | | HS | 3/4 x 0'-1 3/4 | A325T | | | Field | 00 | 001 | 1 | 3 | 3 | 3 | 0 |
1B003 | 1 | | W | 8 x 10 | A992 | 1'-9 3/16 | | | 00 | 001 | 1 | 3 | 3 | 3 | 0 |
1B003 | 4 | | HS | 3/4 x 0'-1 3/4 | A325T | | | Field | 00 | 001 | 1 | 3 | 3 | 3 | 0 |
1B004 | 1 | | W | 10 x 12 | A992 | 13'-2 1/8 | | | 00 | 001 | 1 | 3 | 3 | 3 | 0 |
New (F1)
Edit (F4)
Copy (F3)
Delete (F2)
Main Mark: 1A001
Piece Mark: 1A001
Drawing Number: 1A001
Quantity: 7
Shape: L
Angle
Profile: L 6 x 3 1/2 x 5/16
Length: 20 0 0 /16
Grade: A36
Finish:
Route: 4
Description:
Contract/CO: 00
Category: 001
Shipping Route:
Approval Status: FAB
Release for Fabrication
Load Tracking:
Piece Tracking:
Sequences (7/7):
Sequence | Quantity
1-3 | 7
Linked to REQ: 0/7
Linked to INV: 0/7
TFS Quantity: 0/7
Piece Tracking
Loads: 2/7
Edit Sequences (F6)
Production Status
Current version installed: 2019iA190815
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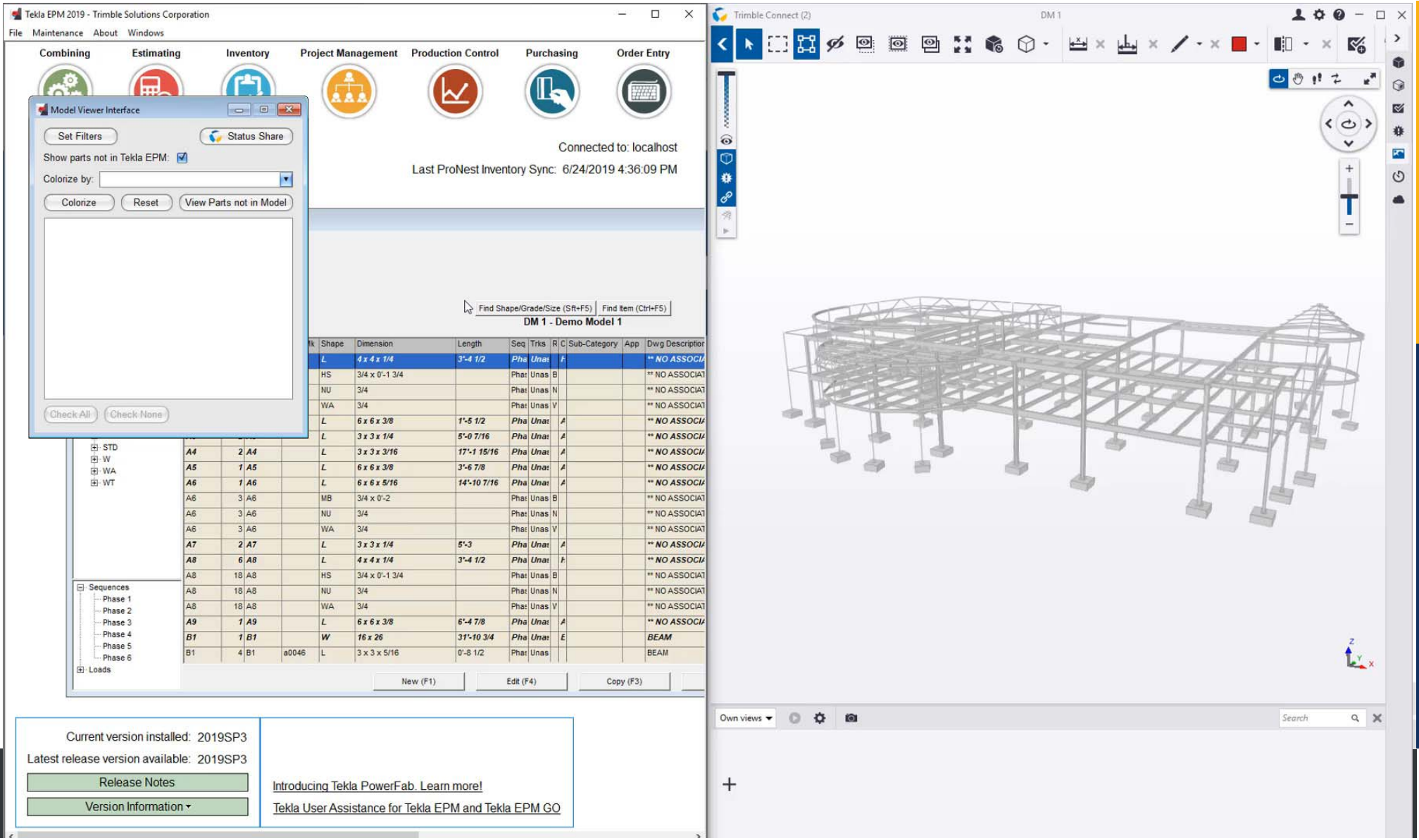
Tekla EPM 2019 - Trimble Solutions Corporation
File Maintenance About Windows
Combining
Estimating
Inventory
Project Management
Production Control
Purchasing
Order Entry
Model Viewer Interface
Set Filters
Status Share
Show parts not in Tekla EPM:
Colorize by:
Colorize
Reset
View Parts not in Model
Check All
Check None
Connected to: localhost
Last ProNest Inventory Sync: 6/24/2019 4:36:09 PM
Find Shape/Grade/Size (Sft+F5)
Find Item (Ctrl+F5)
DM 1 - Demo Model 1
Sequences
Phase 1
Phase 2
Phase 3
Phase 4
Phase 5
Phase 6
Loads
New (F1)
Edit (F4)
Copy (F3)
Current version installed: 2019SP3
Latest release version available: 2019SP3
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Trimble Connect (2)
DM 1
Own views
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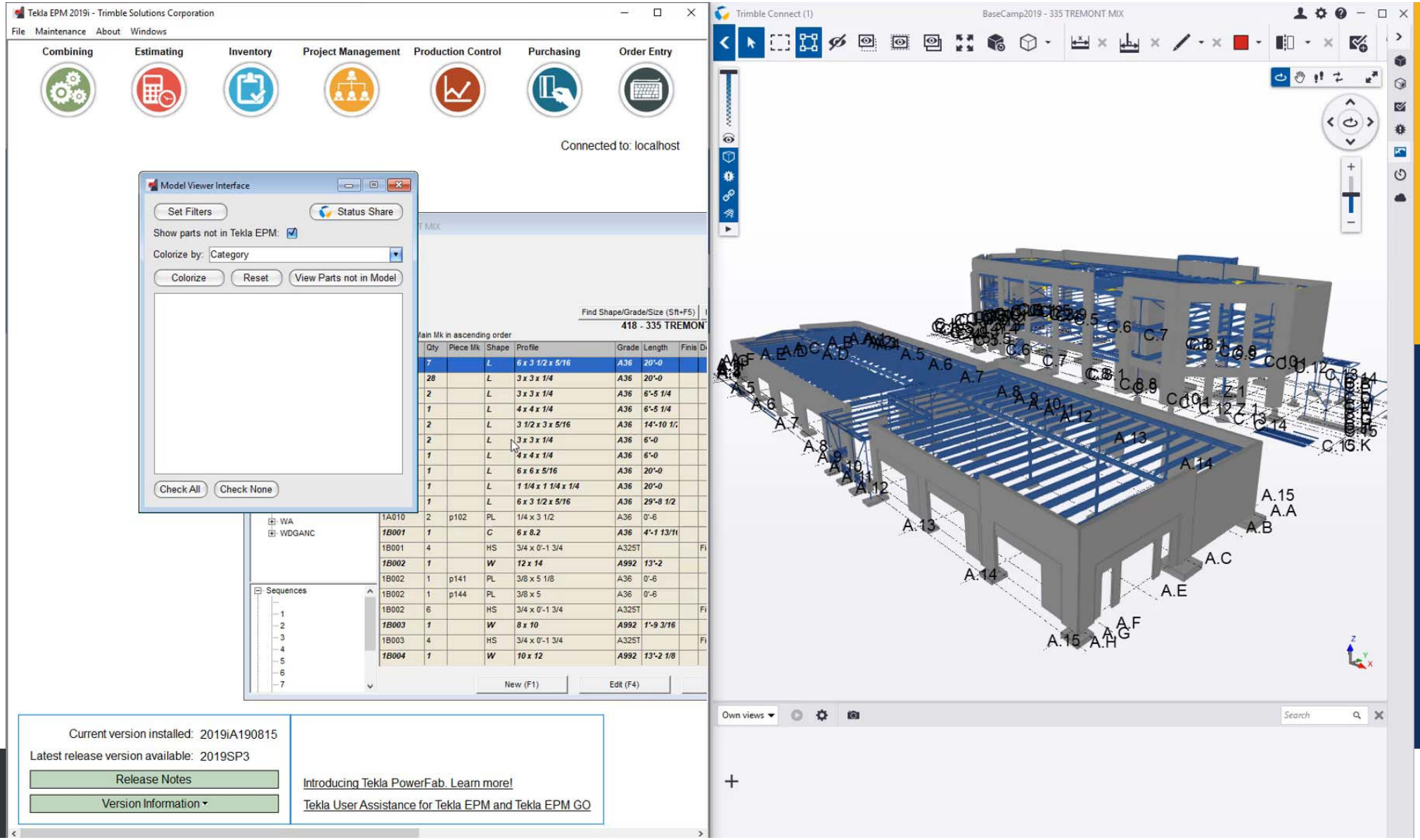
2019


Tekla EPM 2019i - Trimble Solutions Corporation
File Maintenance About Windows
Combining
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Project Management
Production Control
Purchasing
Order Entry
Connected to: localhost
Model Viewer Interface
Set Filters
Status Share
Show parts not in Tekla EPM:
Colorize by: Category
Colorize
Reset
View Parts not in Model
Check All
Check None
Find Shape/Grade/Size (Sft+F5)
418 - 335 TREMON
Main Mk in ascending order
Qty Piece Mk Shape Profile Grade Length
WA
WDGANC
Sequences
New (F1)
Edit (F4)
Current version installed: 2019iA190815
Latest release version available: 2019SP3
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Trimble Connect (1)
BaseCamp2019 - 335 TREMONT MIX
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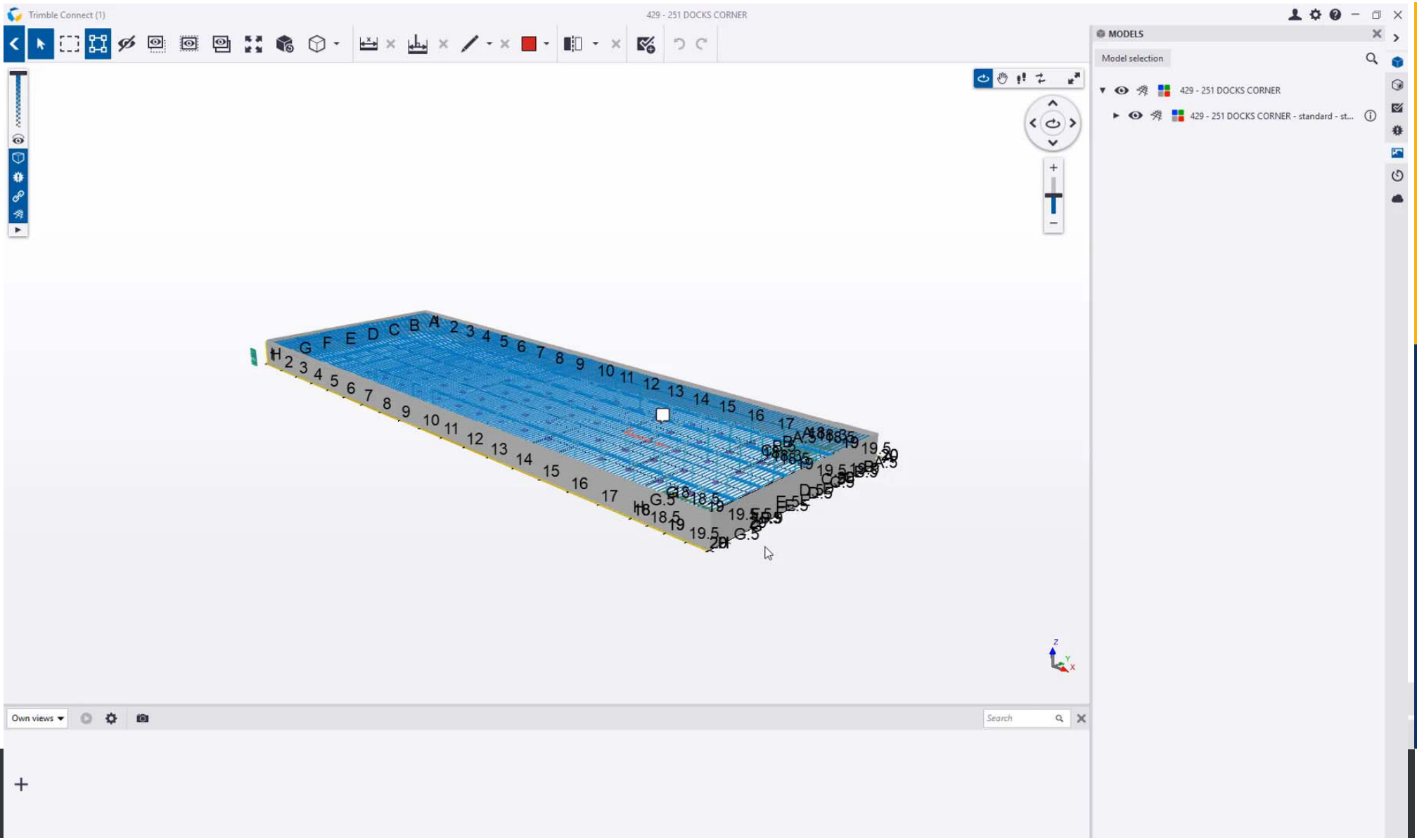

Trimble Connect (1)
429 - 251 DOCKS CORNER
MODELS
Model selection
429 - 251 DOCKS CORNER
429 - 251 DOCKS CORNER - standard - st...
Own views
Search

2019

Trimble Connect

381 Medline Maryland

381 Medline Maryland

Created on Friday, August 17, 2018 2:47 PM
Created by rhorton@mccombs-steel.com
Last modified Monday, August 26, 2019 11:27 AM

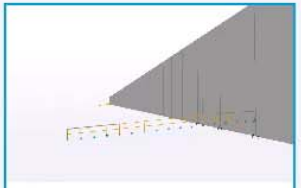
View online | Team | Activity

Explorer

View

- 381 - Medline - Maryland - IFC Model.ifc
- 381- Ramps oNLY 1-11-19.ifc
- M_Rel#080 - straight ramp only.ifc

Views



3D View

ToDos

Show Assigned to me

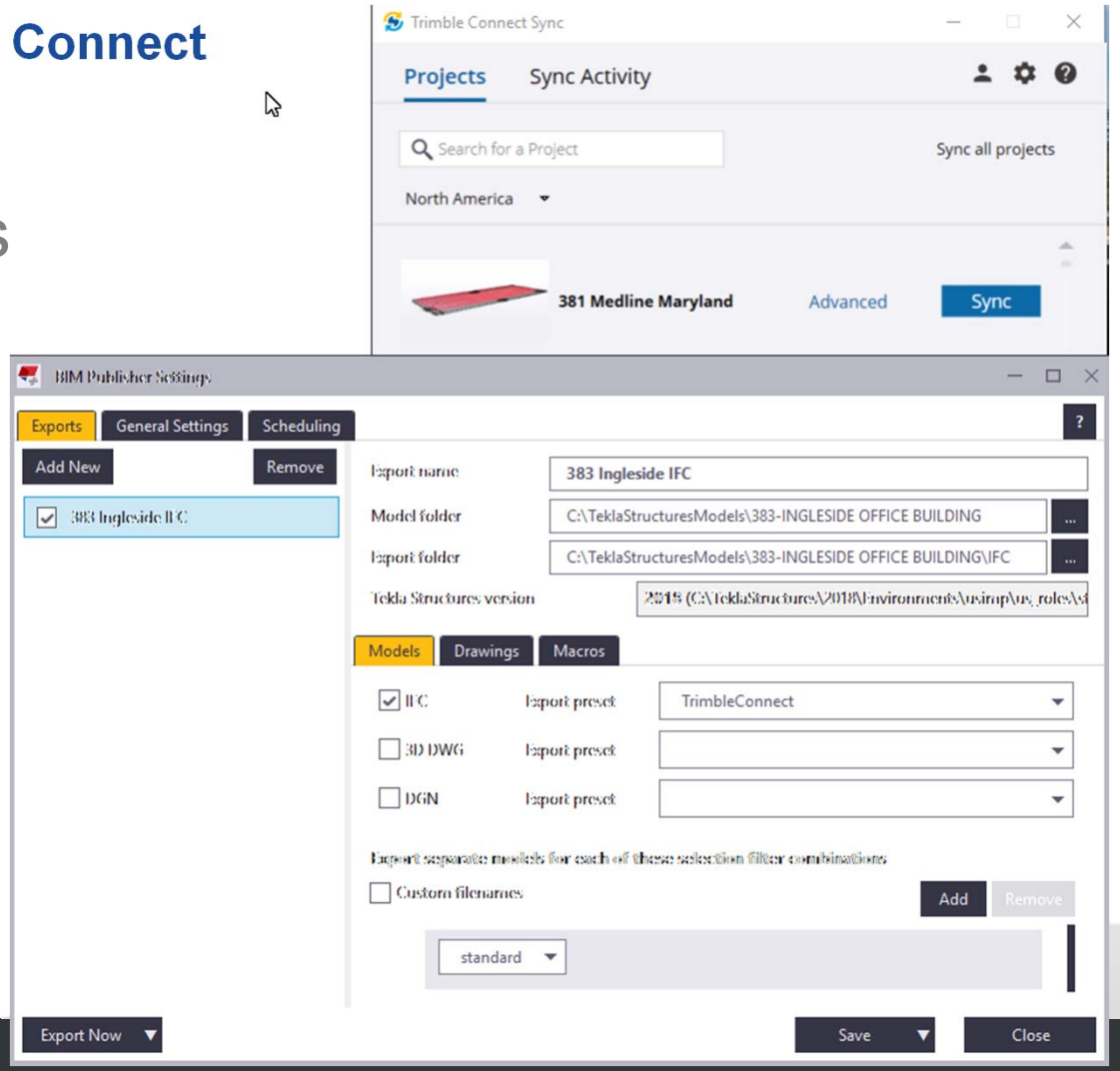
Search | Group by:

Author	Assignee	Due date	Status	Prior...

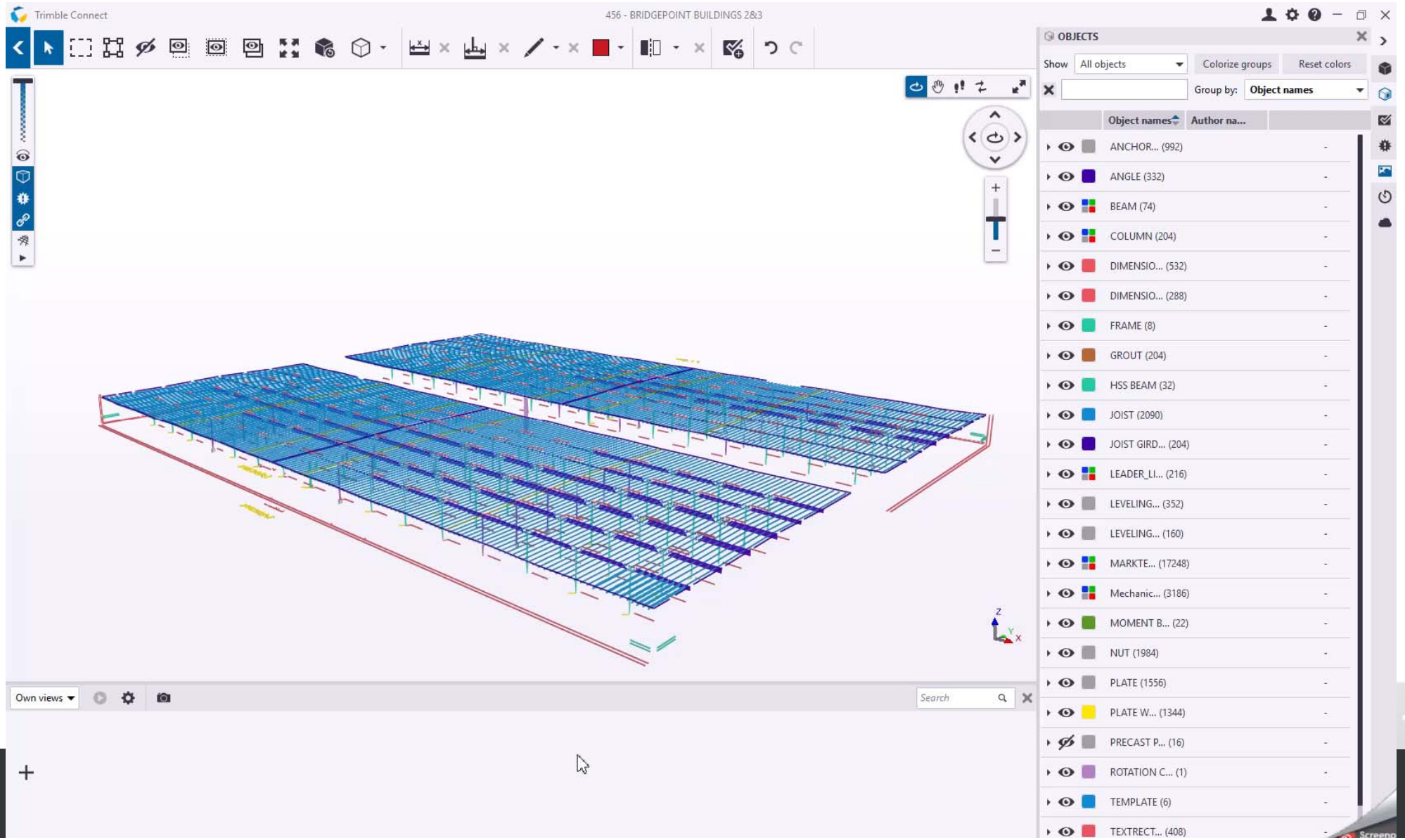
2019

More ways to bring the IFC into Connect

- BIM Publisher Settings (export the IFC)
- Trimble Connect Sync (upload the IFC)

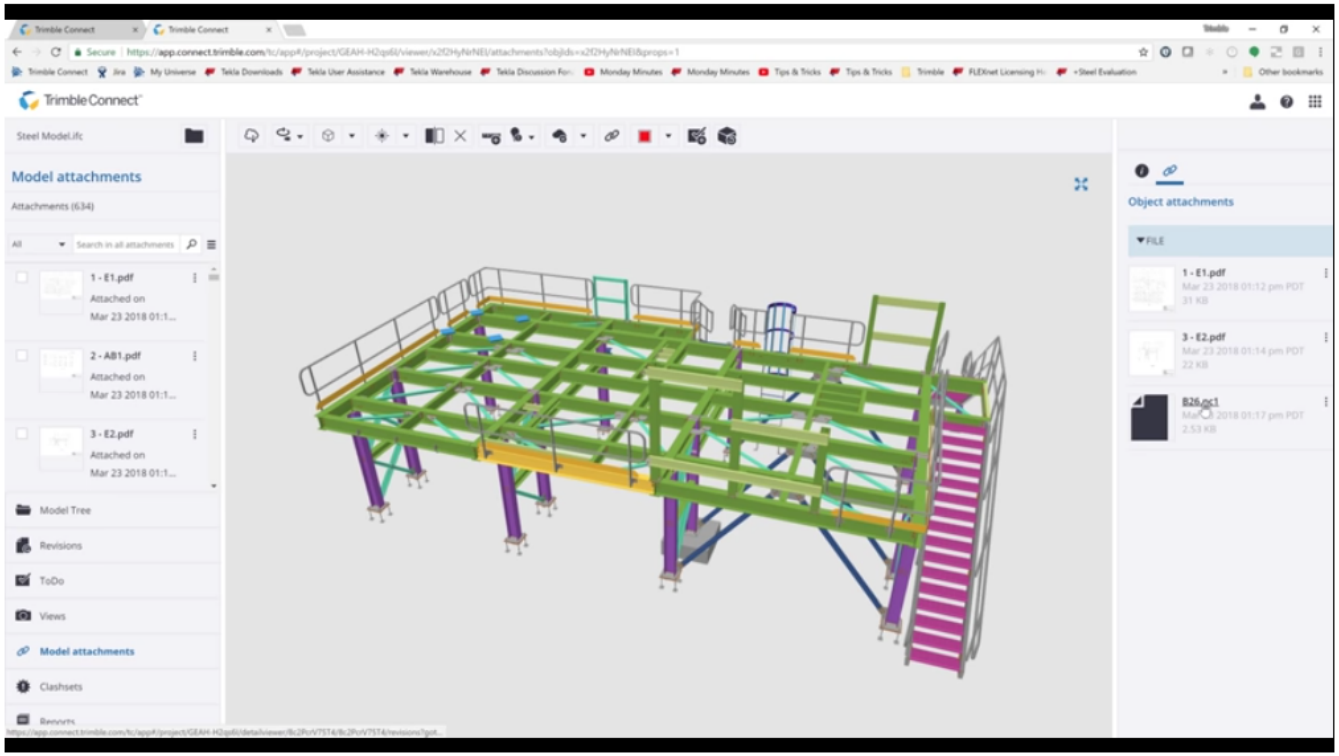


2019


Trimble Connect
456 - BRIDGEPOINT BUILDINGS 2&3
OBJECTS
Show
All objects
Colorize groups
Reset colors
Group by:
Object names
Object names
Author na...
ANCHOR... (992)
ANGLE (332)
BEAM (74)
COLUMN (204)
DIMENSIO... (532)
DIMENSIO... (288)
FRAME (8)
GROUT (204)
HSS BEAM (32)
JOIST (2090)
JOIST GIRD... (204)
LEADER_LI... (216)
LEVELING... (352)
LEVELING... (160)
MARKTE... (17248)
Mechanic... (3186)
MOMENT B... (22)
NUT (1984)
PLATE (1556)
PLATE W... (1344)
PRECAST P... (16)
ROTATION C... (1)
TEMPLATE (6)
TEXTRECT... (408)
Own views
Search

2019

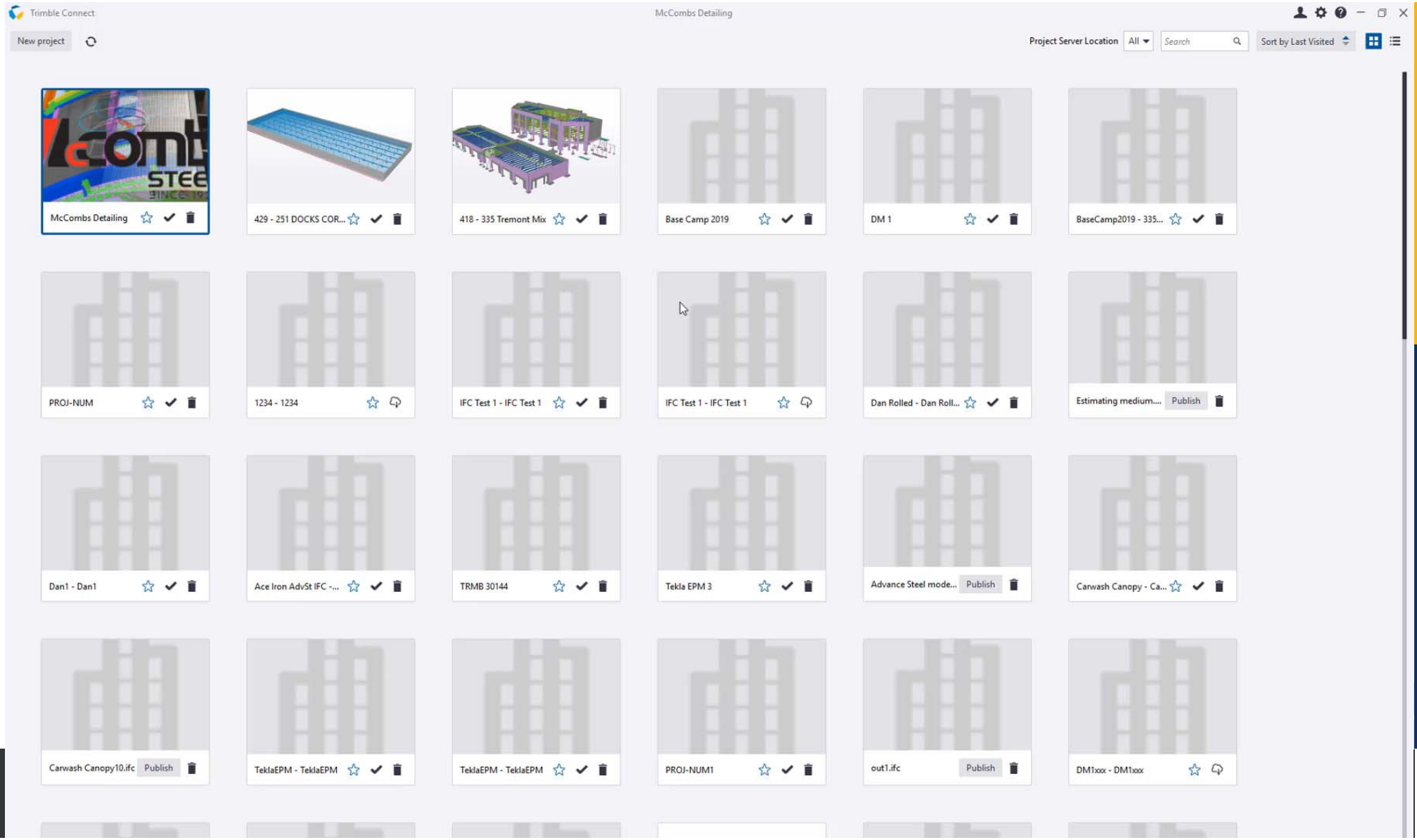
Looking into the future: Linking Documents to Trimble Connect



Linking Documents To Trimble Connect

2019

TEKLA BASECAMP


Trimble Connect
McCombs Detailing
New project
Project Server Location
All
Search
Sort by Last Visited
McCombs Detailing
429 - 251 DOCKS COR...
418 - 335 Tremont Mix
Base Camp 2019
DM 1
BaseCamp2019 - 335...
PROJ-NUM
1234 - 1234
IFC Test 1 - IFC Test 1
IFC Test 1 - IFC Test 1
Dan Rolled - Dan Roll...
Estimating medium....
Publish
Dan1 - Dan1
Ace Iron AdvSt IFC -...
TRMB 30144
Tekla EPM 3
Advance Steel mode...
Publish
Carwash Canopy - Ca...
Carwash Canopy10.ifc
Publish
TeklaEPM - TeklaEPM
TeklaEPM - TeklaEPM
PROJ-NUM1
out1.ifc
Publish
DM1xxx - DM1xxx

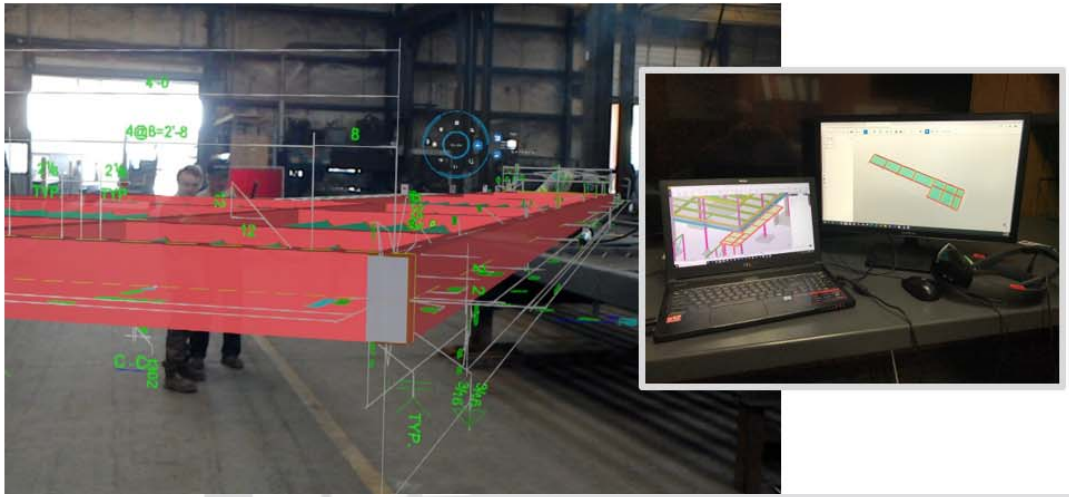
2019

Looking into the future: HoloLens

CMK BIM CONSULTING

JMT CONSULTANTS

Mcombs STEEL



2019

Trimble Connect for Tekla PowerFab

- Questions

2019