

DESTINI Estimator Takeoff Automation

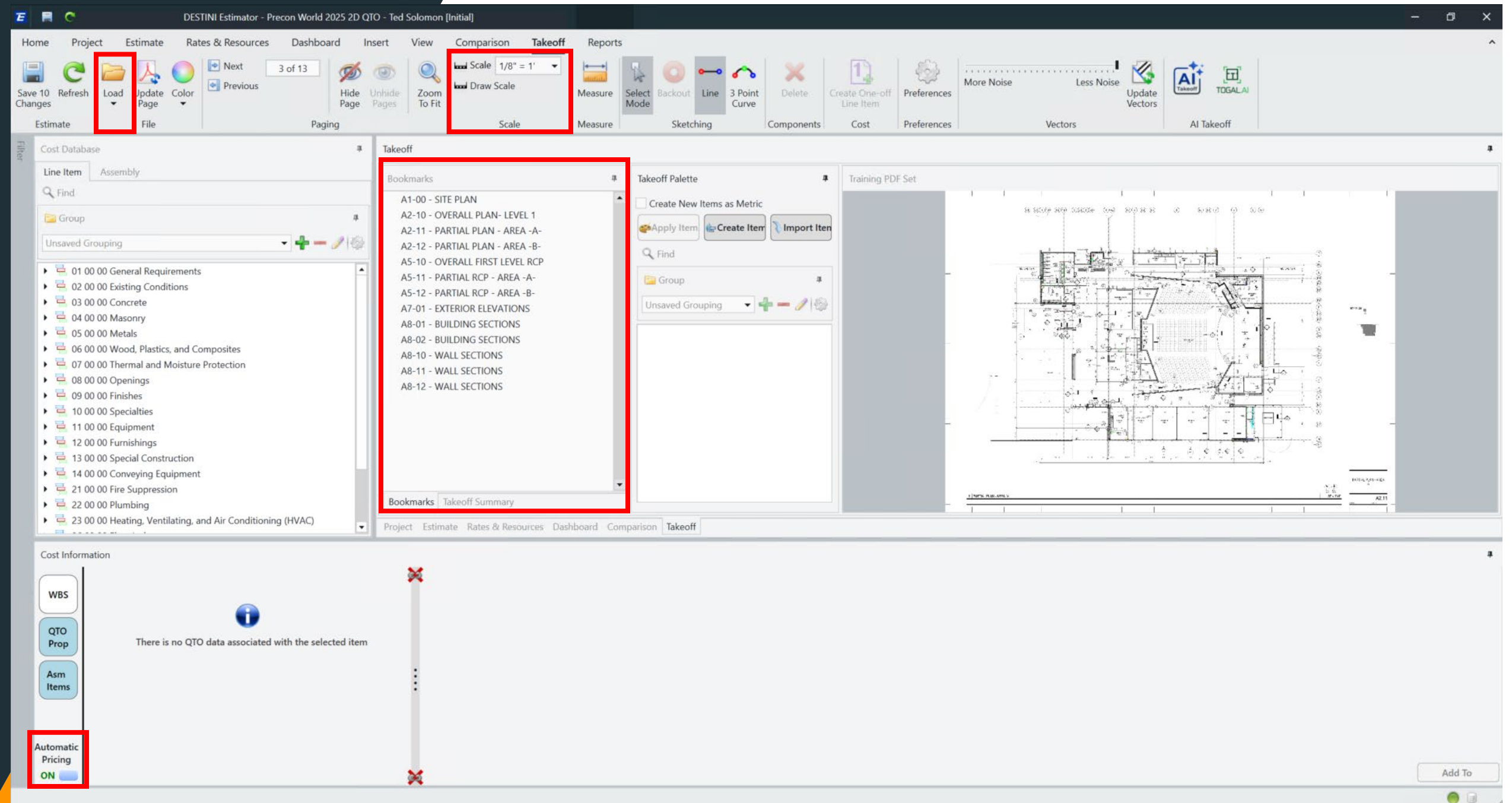
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Getting Set Up



- Check Drawings for Bookmarks
- Load in Drawings
- Set Scale
- Make sure Automatic Pricing is turned *ON*



Automatic Pricing



- On/Off – what does it do?
- On – feeds the taken off quantity directly into the appropriate location
- Off – allows you to select existing takeoff items and tie to database items
- Apply Item

Cost Information

WBS
QTO Prop
Asm Items

Automatic Pricing **ON**

WBS Property Name	Value
System	
Alternate Name	00 Base Bid
Alternate Status	00 Base Bid
CSI Level 1	03 CONCRETE
CSI Level 2	03300 Cast-In-Plac...
Database Control...	
Masterformat Leve...	03 00 00 Concrete
Masterformat Leve...	03 30 00 Cast-in-Pl...
Masterformat Leve...	03 31 00 Structural...
Uniformat Level 1	B SHELL
Uniformat Level 2	R10 Superstructure

Name: 033113.0200 Bond beam concrete, 3000 psi; by p
Type: Line

Draw Style Properties

Line Style:
Line Color:
Line Width: 3

Item Number: 033113.0200
Quantity: 47.7 f(x)
Mapped To: Length
Rate Table: Default
Labor Cost: L-CMT-06 f(x) @ 2,000.00
Material Cost: \$3.25 f(x)
Equipment Cost: E-B1 f(x) @ 2,000.00
Sub Cost: \$0.00 f(x)
Number of Cost Components: 1

Cost Information

WBS
QTO Prop
Asm Items

Automatic Pricing **OFF**

WBS Property Name	Value
System	
Alternate Name	00 Base Bid
Alternate Status	00 Base Bid
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CSI Level 2	03300 Cast-In-Plac...
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Masterformat Leve...	03 00 00 Concrete
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Number of Cost Components: 1

Formula Driven Takeoff



- Database driven formulas
- Formulas on the fly (variable locations and creation)
- Default takeoff condition based on standard unit
- Ways to speed yourself up

Cost Information

WBS

QTO Prop

Asm Items

Automatic Pricing OFF

Name: 033113.0200 Bond beam concrete, 3000 psi; by pump; 8" high x

Type: Line

Draw Style Properties

Line Style:
Line Color:
Line Width: 3

Variable Display Text

Variable Display Text	Variable Value	Variable U...
What is the Length?	0.00	If
What is the Height?	0.00	If

Item Number: 092116.0010

Quantity: 0.0

Rate Table: Default

Labor Cost: L-DRY-01 f(x)

Material Cost: \$3.26 f(x)

Equipment Cost: \$0.00 f(x)

Sub Cost: \$0.00 f(x)

Number of Cost Components: 1

Cost Information

Name: one hour

Type: Line

Draw Style Properties

Line Style: —
Line Color:
Line Width: 3

Variable Display Text

Variable Display Text	Variable Value	Variable U...
What is the Length?	0.00	If
What is the Height?	0.00	If

Item Number: 092116.0020

Quantity: 0.0 f(x)

Rate Table: Default

Labor Cost: L-DRY-01 f(x)@

Material Cost: \$3.50 f(x)

Equipment Cost: \$0.00 f(x)

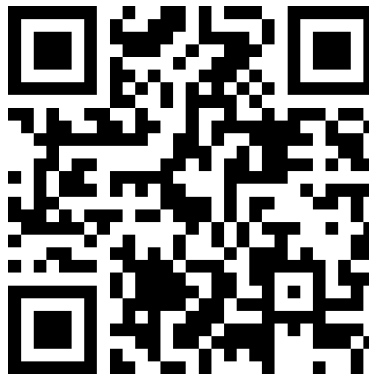
Sub Cost: \$0.00 f(x)

Description: vsf

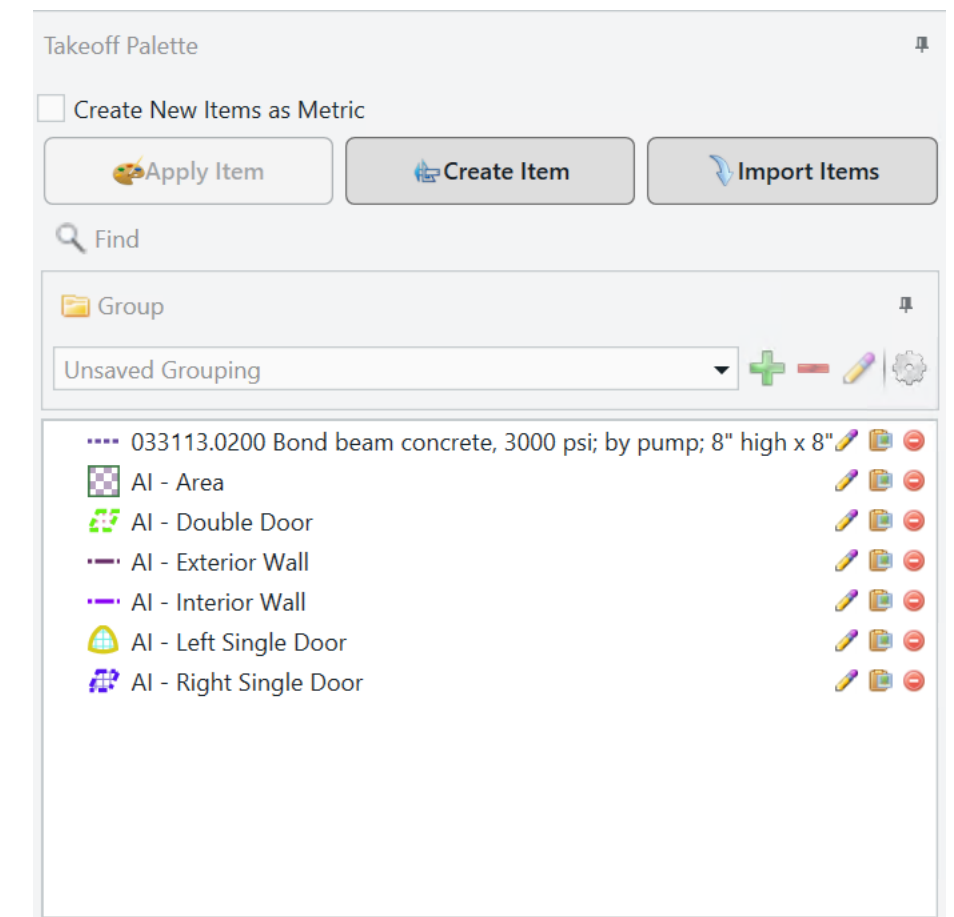
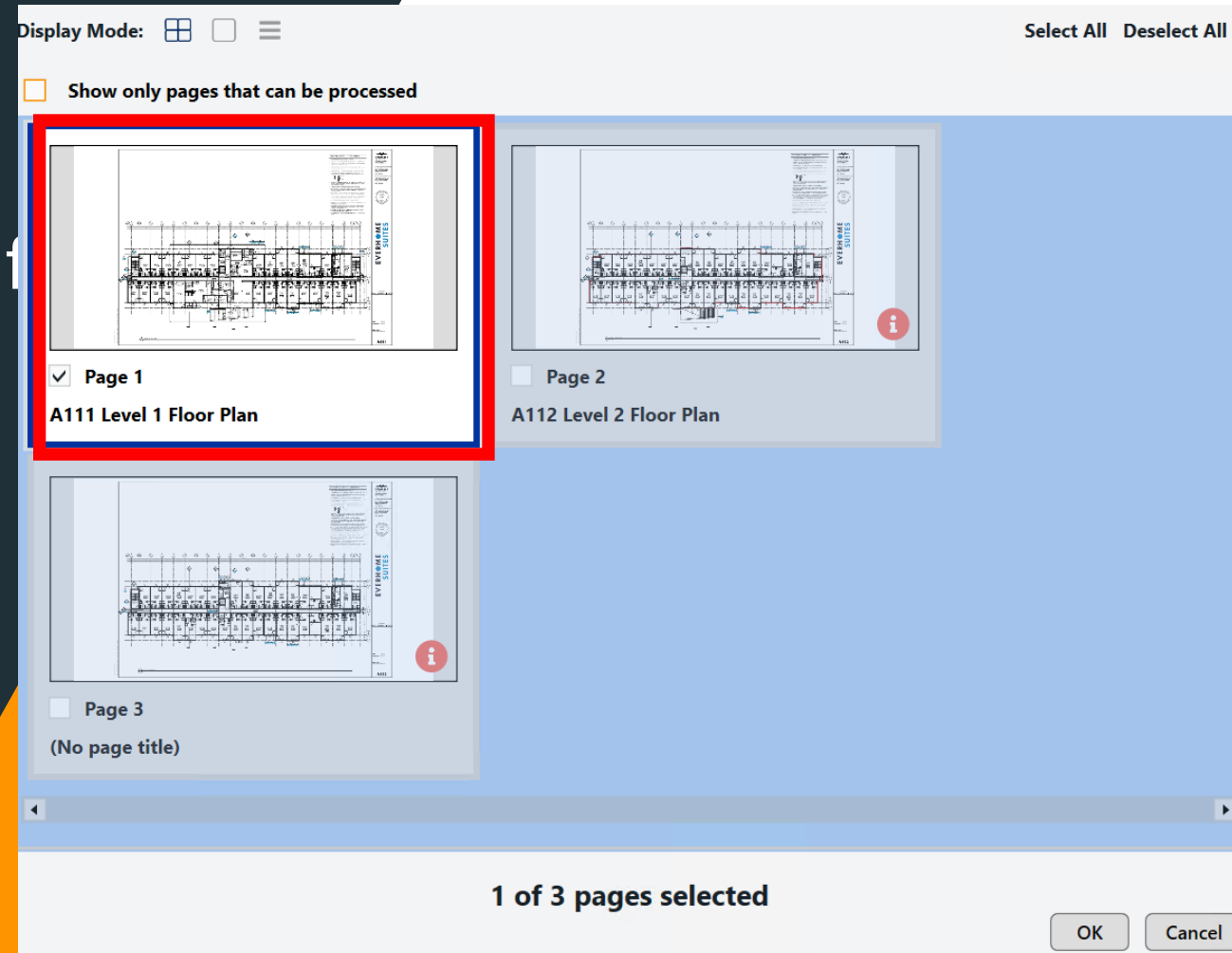
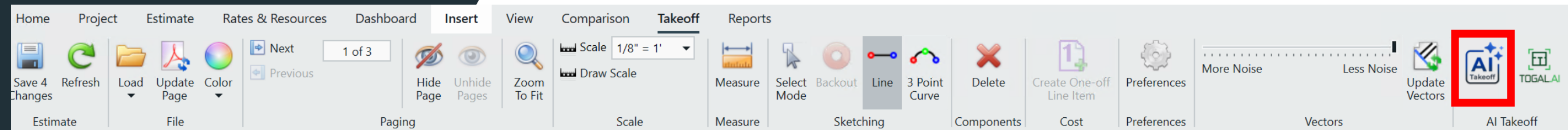
Productivity: 137.00 vs

Number of Cost Components: 1

AI Takeoff



- Set a scale
- Click AI Takeoff
- Choose level of granularity if applicable
- Receive results
- Tie to estimate via drag/drop
- Tie to estimate via Apply Item



AI Takeoff in Assemblies



- Begin assembly
- Ensure AP is off
- Drag and drop applicable takeoff items to applicable vacant quantity fields
- Modify shapes as necessary

Cost Information

WBS

QTO Prop

Asm Items

Name: AI - Area

Type: Area

Draw Style

Properties

Multiplier: 1.00

Name	Value	Unit of Measure
Number of Points	876.00	
Number of Segments	876.00	
Perimeter	6,128.07	Feet
Perimeter With Holes	6,128.07	Feet
Thickness	0.00	Feet
Volume	0.00	Cu. Feet

Automatic Pricing OFF

Number of Components: 153

Enter the room area 16,878.07 sf

Mapped To: Area

Enter the room perimeter 6,128.07 lf

Mapped To: Perimeter

Enter the room ceiling height 10.00 lf

Select flooring material 1) Carpet - Tile Option

Include flooring attic stock 0) No Option

Select base material Select Value Option

Select ceiling finish Select Value Option

Select number of wall finishes Select Value Option

Total Cost: \$119,293.43

Room Finishes - General

Assembly

096813.0100 Carpet; tile; foam backed; average 16,878.1 sf at \$7.07 sf

Hide Items with 0 Quantity.

Selected: Base Estimate Add To Estimate

SUM= 363.10

Configure Grouping

Potential Group Items

- Alternate Name
- Alternate Status
- Area
- Assembly
- Count
- Created By
- CSI Level 1
- CSI Level 2
- Database Control Number
- Estimator
- Has Conversion Factor
- Height
- Hole Perimeter
- Length
- Masterformat Level 1
- Masterformat Level 2
- Masterformat Level 3
- Number of Points
- Number of Segments

Active Group Items

- Is Mapped
- Component Name

OK Cancel

Filter

Group

Unsaved Grouping

<All Items>

- Mapped
 - 033113.0200 Bond beam concrete, 3
 - AI - Area
- Unmapped
 - <unknown>
 - AI - Double Door
 - AI - Exterior Wall
 - AI - Interior Wall
 - AI - Left Single Door
 - AI - Right Single Door

Resources/Links

Takeoff palette

- <https://howto.beck-technology.com/knowledge/how-to-create-a-takeoff-palette-without-loading-a-drawing>
- <https://howto.beck-technology.com/knowledge/how-to-add-take-off-properties-to-2d-palette-in-team-estimator>

AI Takeoff

- Contact your customer success specialist or account manager for an in depth demo and pricing

Automatic Pricing

- <https://howto.beck-technology.com/knowledge/changes-between-automatic-pricing-and-disconnected-workflow>
- <https://howto.beck-technology.com/knowledge/automatic-pricing-2d-workflows>