

# COLUMN ANNOTATION AUTOMATION

## Parameter Properties

### Parameter Type

☐ Project parameter

(Can appear in schedules but not in tags)

☒ Shared parameter

(Can be shared by multiple projects and families, exported to ODBC, and appear in schedules and tags)

Select...

Export...

### Parameter Data

Name:

Is Transfer Column

Discipline:

Common

Type of Parameter:

Text

Group parameter under:

Identity Data

Tooltip Description:

<No tooltip description. Edit this parameter to write a custom tooltip. Custom tooltips have a limit of 250 characters.>

☐ Type

☒ Instance

☒ Values are aligned per group type

☐ Values can vary by group instance

### Categories

Filter list: <multiple>

☐ Hide un-checked categories

- ☐ RVT Links
- ☒ Railings
- ☐ Ramps
- ☐ Rebar Shape
- ☐ Roads
- ☒ Roofs
- ☐ Rooms
- ☐ Schedules
- ☐ Shaft Openings
- ☐ Sheets
- ☒ Site
- ☐ Specialty Equipment
- ☒ Stairs
- ☐ Structural Area Reinforcement
- ☐ Structural Beam Systems
- ☒ Structural Columns
- ☒ Structural Connections
- ☐ Structural Fabric Areas
- ☒ Structural Fabric Reinforcement
- ☐ Structural Foundations

Check All

Check None

Add shared parameter (as Instance parameter)"Is Transfer Column"

to skip it different naming convention

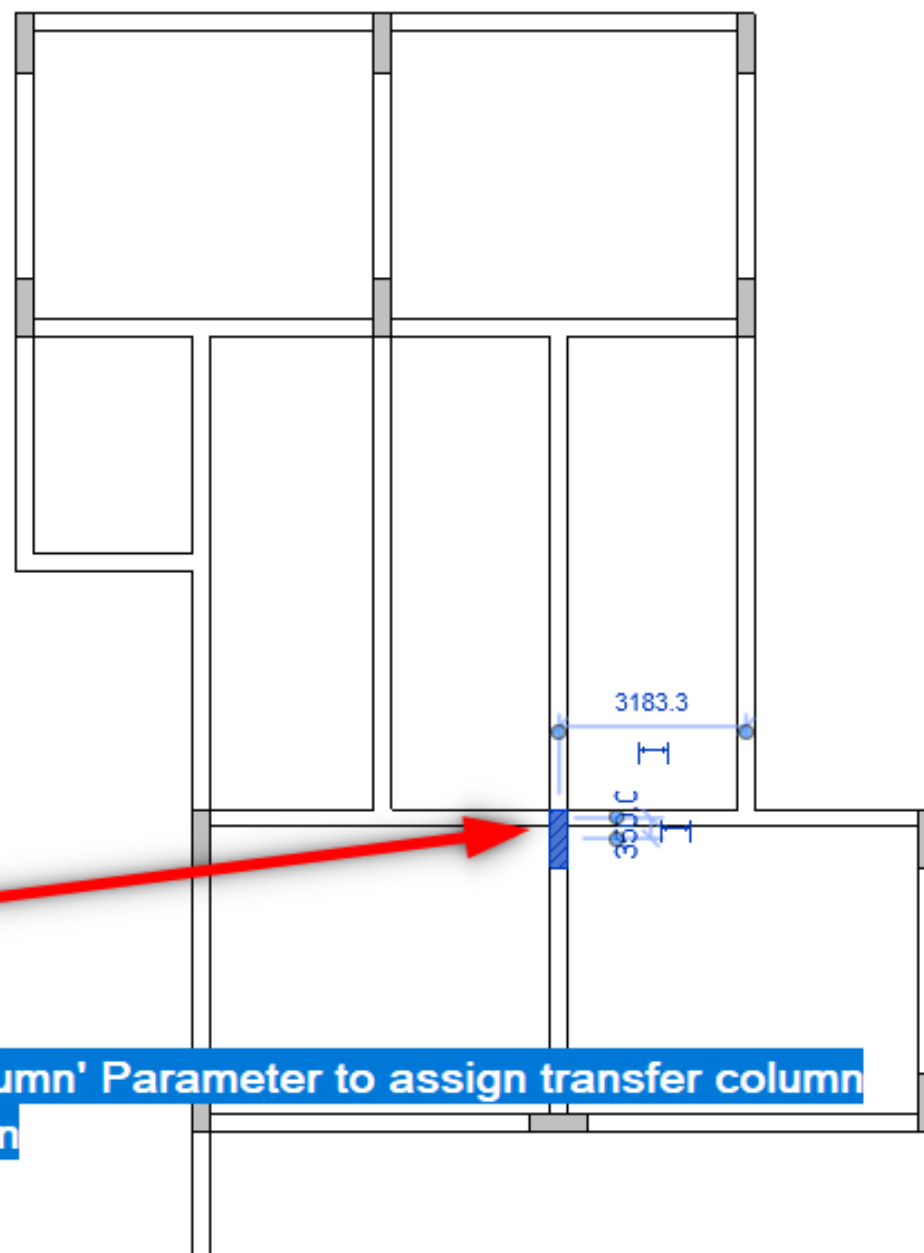
OK

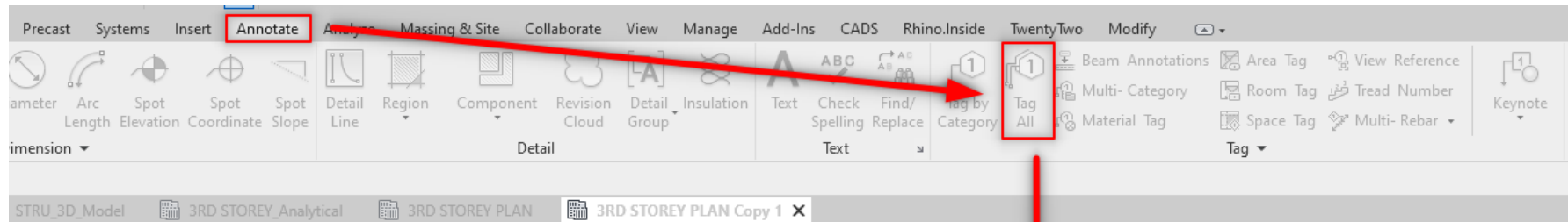
Cancel

Help

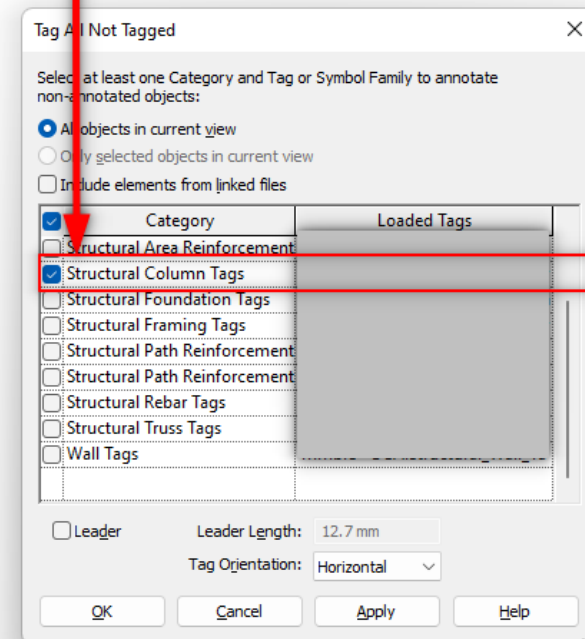
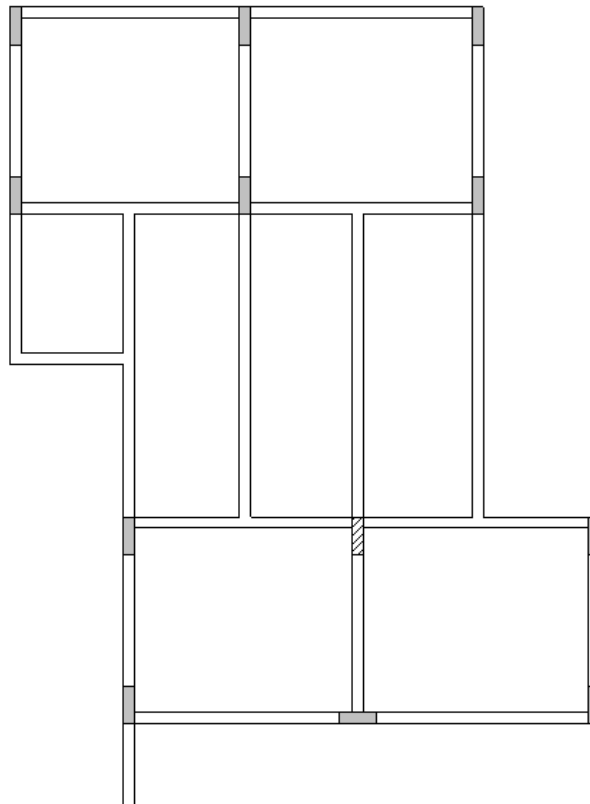
Is Transfer Col...	y
Workset	Workset1
Edited by	SWAMI_VISHWA
Phasing	
Phase Created	New Construct...
Phase Demoli...	None
Data	

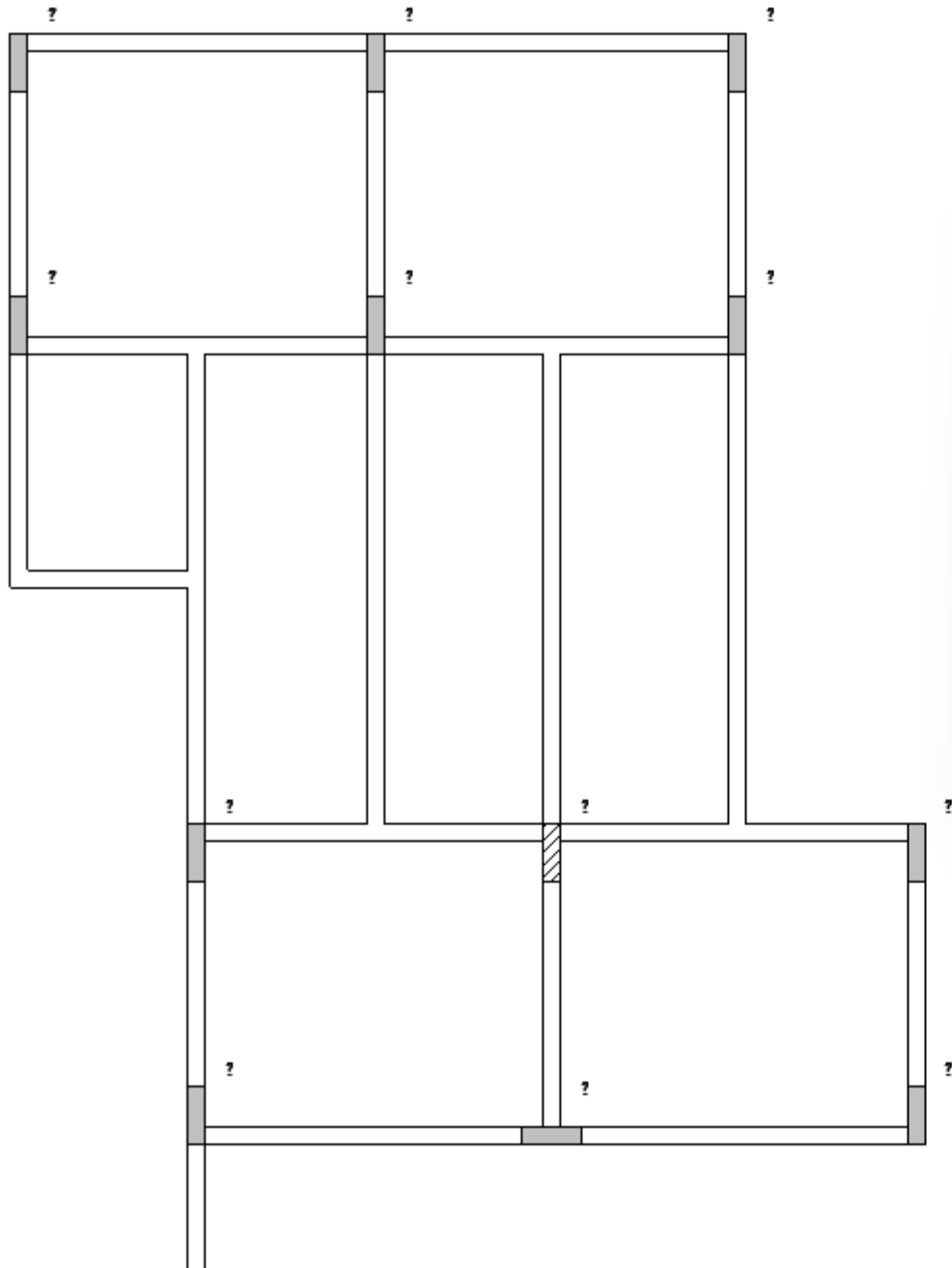
Add 'y' to 'Is Transfer Column' Parameter to assign transfer column different name convention





Tag all





View Range

Primary Range

Top: Associated Level (3RD STOI) Offset: 1500.0

Cut plane: Associated Level (3RD STOI) Offset: 1300.0

Bottom: Associated Level (3RD STOI) Offset: 0.0

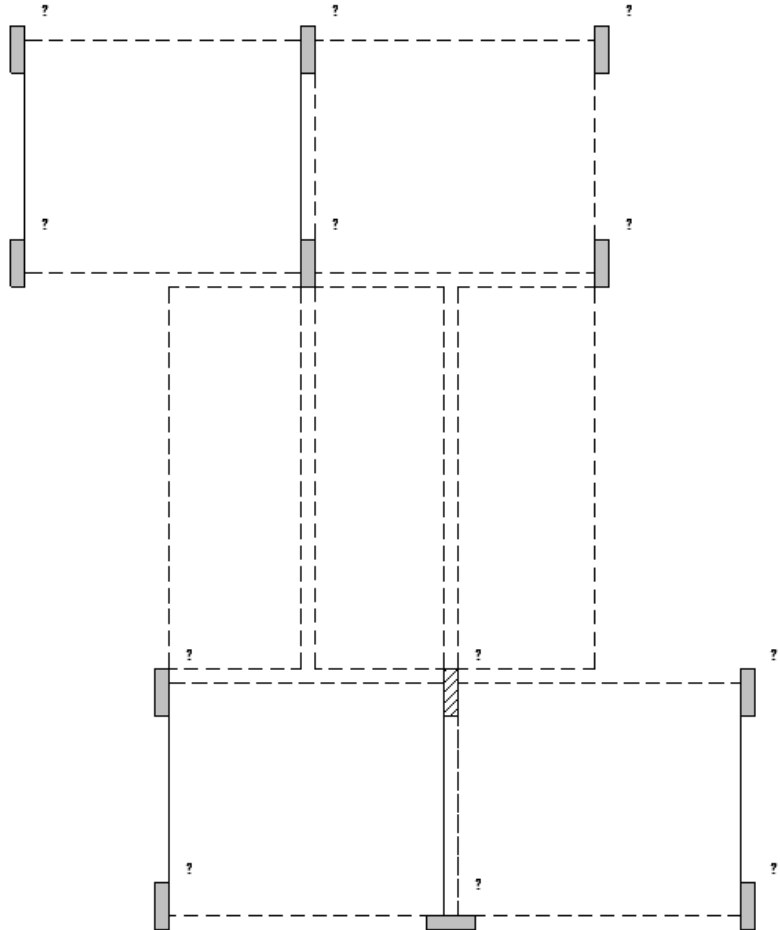
View Depth

Level: Associated Level (3RD STOI) Offset: 0

[Learn more about view range](#)

<< Show OK Apply Cancel

**Before running the script for columns, change view range as mentioned above.**



## Dynamo Player



Column1\_RUN SCRIPTS ON ALL COLUMNS

 Inputs needed



Suffix for Column!! :

COL



Starting number for columns!! :

1



Suffix for transfer column!! :

TC



Select starting number for transfer column!! :

2



Select Model Elements :

Select

Nothing selected.

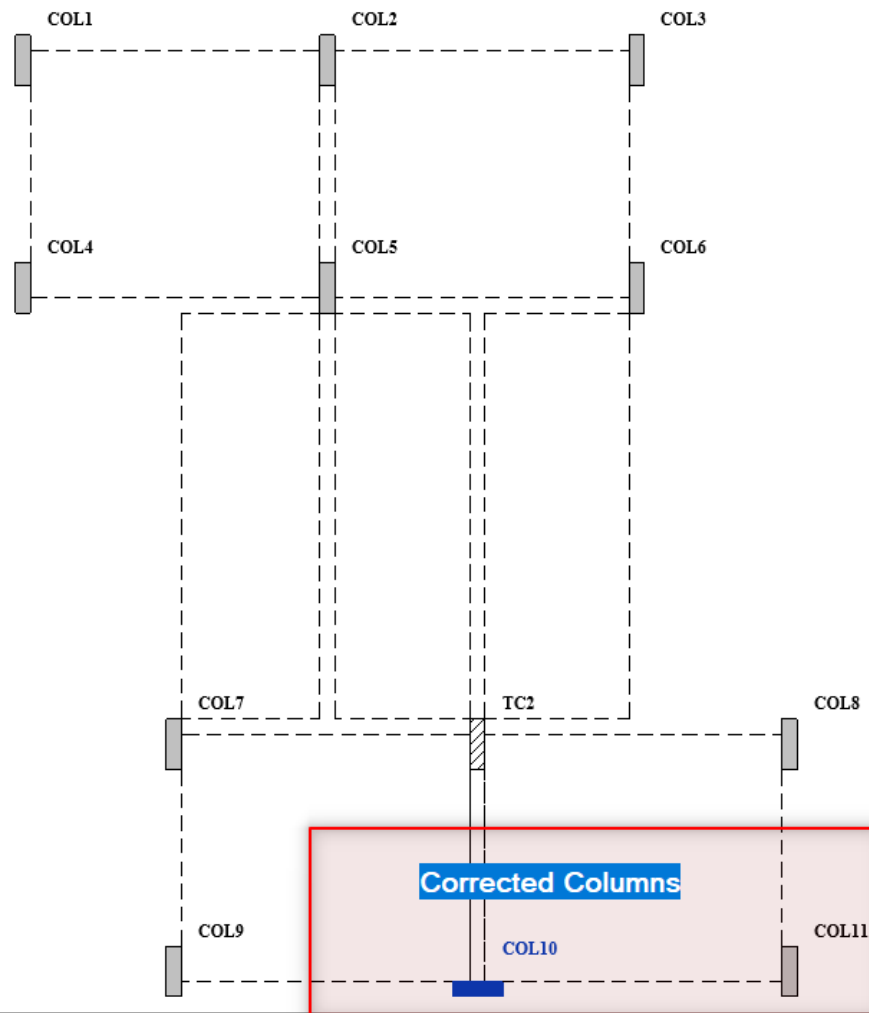
Select all elements of the level,  
script will automatically filter the columns





 ..... Eleva  
 ..... ?





### Dynamo Player

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#### Column2\_Step2 CORRECTION DONE ON COLUMNS

🔧 Run completed with errors

- ✓ Suffix for Column!! :
- ✓ Starting number for columns!! :
- ✓ Suffix for transfer column!! :
- ✓ Select starting number for transfer column!! :
- ✓ Select All Columns :  
  
Count: 4 [...show more](#)
- ✓ Select Single Column from ehich offset is calculated :  
  
Elements : 363859 976958
- ✓ Number Slider :
- ✓ Number Slider :

Elevat ??