
REVIT STAIR TYPES
STAIR TYPES
STAIR COMPONENT TYPES
STAIR ANNOTATION
Assembled Stair
Template
Carriage
Template-C
Cast-In-Place Stair
Template
Monolithic Landing
Template-ML
Monolithic Run
Template-MR
Non-Monolithic Landing
Template-NML
Non-Monolithic Run
Template-NMR
Precast Stair
Template
Stair
Template
Stair Cut Mark
Template
Stringer
Template
Custom Modeled-In-Place Stair
Type
COMPLETE MODEL-IN-PLACE STAIRS ARE ALSO SHOWN IN FAMILY BROWSER
STAIR SYSTEM CATEGORIES
WELL-KNOWN PARAMETRIC MODELS OF STAIRS
STRAIGHT
FULL-STEP SPIRAL
CENTER-ENDS SPIRAL
L-SHAPE WINDER
U-SHAPE WINDER
Convert
PARAMETRIC MODELS CAN BE CONVERTED INTO SKETCH-BASED MODELS (ONE-WAY)
USER-DEFINED STAIR BY SKETCHING ITS COMPONENTS
Boundary
Riser
Stair Path
DEFINING STAIR TYPES
STAIR SYSTEM CATEGORIES (e.g. ASSEMBLED, CAST-IN-PLACE) ARE ONLY FOR STRUCTURAL PURPOSES. THE STAIR TYPE UNDER EACH SYSTEM CATEGORY, IS FULLY CAPABLE OF DEFINING NON-MONOLOTHIC, OR MONOLITHIC STAIRS.
TYPE PROPERTIES
Family: System Family: Cast-In-Place Stair
Type: # Template
VARIOUS TYPES
Type Parameters
Parameter
Value
Calculation Rules
Maximum Riser Height
0' 7"
Minimum Tread Depth
1' 0"
Minimum Run Width
3' 0"
Calculation Rules
Edit...
Construction
Run Type
Template-MR
Landing Type
Template-ML
Function
Interior
INTERIOR OR EXTERIOR?
Supports
Right Support
None
Right Support Type
<None>
Right Lateral Offset
0' 0"
Left Support
None
Left Support Type
<None>
Left Lateral Offset
0' 0"
Middle Support
Middle Support Type
<None>
Middle Support Number
0
Graphics
Cut Mark Type
Template
Identity Data
Type Image
Keynote
Model
Manufacturer
Type Comments
URL
Description
Assembly Description
Stair Construction
Assembly Code
C2010
Type Mark
Cost
What do these properties do?
OK
Cancel
Apply
MONOLITHIC RUN
NON-MONOLITHIC RUN
VARIOUS TYPES
IDENTICAL
Stepped
Smooth
smooth
stepped
SELECTING A PROFILE DISABLES THE THICKNESS
PROFILES ARE SELECTED FROM A LIST OF LOADED PROFILES. THEY CAN BE MANAGED IN FAMILY BROWSER UNDER PROFILES SECTION
Profiles
Channel Profile
Template
Railing - Circular Handrail Profile
Template
MONOLITHIC LANDING
NON-MONOLITHIC LANDING
IDENTICAL
IF DISABLED
SAME SETTINGS AS RUN THREADS
Front Only
Front and Left
Front and Right
Front, Left and Right
left
front
right
OFF
ON
Extend Riser Behind Tread
Extend Tread Under Riser
Join All Risers And Treads
None
Stringer (Closed)
Carriage (Open)
Support Type
<None>
Lateral Offset
0' 0"
PICK CARRIAGE OR STRINGER TYPES
PICK CARRIAGE OR STRINGER TYPES ONLY AVAILABLE FOR CARRIAGE (OPEN) SUPPORTS
Middle Support
Middle Support Type
Template-C
Middle Support Number
2
CREATES CARRIAGE TYPE SUPPORT (STRINGER DOESN'T MAKE SENSE SINCE MIDDLE CAN NOT BE CLOSED)
GENERIC SKETCH-BASED STAIRS (OBSOLETE)
FOR BACKWARD COMPATIBILITY WITH SKETCH-BASED STAIR IN OLDER REVIT VERSIONS. THIS TOOL WAS REMOVED IN REVIT > 2018
Stair
Model Text
Model Line
Stair by Component
Stair by Sketch
SKETCH-BASED STAIR TYPES INCLUDED ALL INDIVIDUAL COMPONENTS AS PART OF THE SINLE TYPE. LATER ON, EACH COMPONENTS WAS GIVEN ITS OWN SYSTEM CATEGORY AND TYPES.
Type Properties
Family: System Family: Stair
Type: # Template
CONSTRUCTION
GRAPHICS
THREADS
RISERS
SUPPORTS