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Introduction

Siemens NX software is a flexible and powerful integrated solution that helps you deliver better designs faster and more efficiently. NX delivers the next generation of design, simulation, and manufacturing solutions that enable companies to realize the value of the digital twin. Supporting every aspect of product development, from concept design through engineering, and construction, NX gives you an integrated toolset that coordinates disciplines, preserves data integrity and design intent, and streamlines the entire process.

NX for Design has the features, performance, and capabilities to help you complete your project faster than ever before. NX for Design enables you to deliver projects using more virtual models and avoid costly on-site construction issues. This leads to projects that are on time, on budget, and improved project quality.

Siemens NX-IFC translator enables NX to collaborate with other AEC software tools with high-fidelity. BIM geometry and properties are accurately preserved during import.

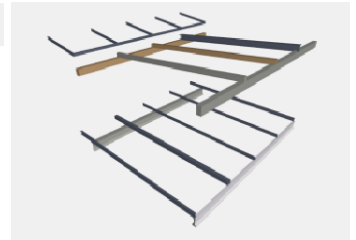
Testlist

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Beam_02 / 2x3	12	6	1	5
Beam_03 / 2x3	6	3		3
CharsetTest-01S / 2x3	2	2		
Column 01 / 2x3	11	7	1	3
Column_02 / 2x3	6	2		4
Grid 01 / 2x3				11
Member_01S / 2x3	10	5		5
Pile 01 / 2x3	19	11	1	7
PlateFastener-01 / 2x3	66	37	3	26
RampSlab-01 / 2x3	18	14	1	3
Reinforcement-01 / 2x3	93	44	1	48
Roof 01 / 2x3	15	6		9
Roof 02 / 2x3	12	8	2	2
Site 01 / 2x3	14	11	1	2
Site 02 / 2x3	13	12		1
Slab 01S / 2x3	11	5	1	5
Slab 02S / 2x3	22	10		12
StairSlab-01 / 2x3	19	15	1	3
UnitTest-01S / 2x3	3	1	2	
Wall 01 / 2x3	19	10		9
Wall 02 / 2x3	14	5	1	8
WallStandardCase 01S / 2x3	15	6	1	8
WallStandardCase 02S / 2x3	11	5		6
WallStandardCase 03S / 2x3	8	4		4

Name test	concepts total	manually checked		
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		3		4

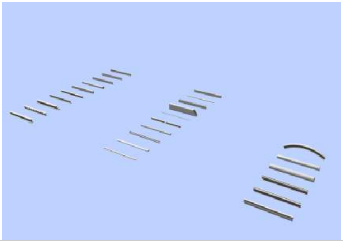
Concepts

Beam_01 / 2x3



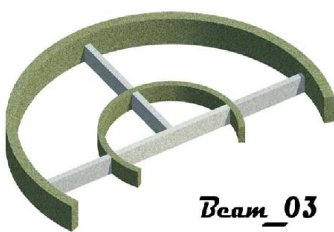
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030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
120 Spatial Containment		■	
200 Material			
200-1 Single Material		■	
210 Property Set			
210-1 Property Set IFC Common		■	
General	company statement		Beam_01 / 2x3
_G4 Remarks		■	

Beam_02 / 2x3



103 IfcBeam	company statement		Beam_02 / 2x3
010 Naming		Supported	
030 Geometry			
030-2 Geometry Axis		Supported	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		Not Supported	
030-6-2 Geometry Clipping		Not Supported	
030-6-5 Geometry Explicit		Supported	
050 CAD Layer		Restricted	
070 Voiding			
070-1 Voiding Geometry Explicit		Not Supported	
070-2 Voiding Geometry Mapped		Not Supported	
070-3 Voiding Geometry SweptSolid		Not Supported	
120 Spatial Containment		Supported	
200 Material			
200-1 Single Material		Supported	
General	company statement		Beam_02 / 2x3
_G4 Remarks		Supported	

Beam_03 / 2x3



103 IfcBeam	company statement		Beam_03 / 2x3
030 Geometry			
030-1 Geometry Box		Not Supported	
030-2 Geometry Axis		Supported	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		Not Supported	
030-6-2 Geometry Clipping		Not Supported	
300 Type			
300-5 Type Property Set		Supported	
General	company statement		Beam_03 / 2x3
_G4 Remarks		Supported	

BeamColumn 04 / 2x3



103 IfcBeam	company statement		BeamColumn 04 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-9 Geometry Mapped		■	
070 Voiding			
070-1 Voiding Geometry Explicit		■	
070-2 Voiding Geometry Mapped		■	
070-3 Voiding Geometry SweptSolid		■	
130 Grouping			
130-1 Grouping General		■	
200 Material			
200-1 Single Material		■	

210 Property Set	
210-1 Property Set IFC Common	■
210-3 Property Set User Defined	■
300 Type	
300-1 Type Geometry	■
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
104 IfcColumn	company statement
001 GUIDs	■
002 History	■
010 Naming	■
020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■
030-6-9 Geometry Mapped	■
070 Voiding	
070-1 Voiding Geometry Explicit	■
070-2 Voiding Geometry Mapped	■
070-3 Voiding Geometry SweptSolid	■
130 Grouping	
130-1 Grouping General	■

200 Material	
200-1 Single Material	■
210 Property Set	
210-2 Property Set IFC any	■
300 Type	
300-1 Type Geometry	■
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
403 IfcFooting	<i>company statement</i>
	<i>BeamColumn 04 / 2x3</i>
001 GUIDs	■
002 History	■
010 Naming	■
020 Placement	
020-1 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■
030-6-9 Geometry Mapped	■
130 Grouping	
130-1 Grouping General	■
200 Material	
200-1 Single Material	■
210 Property Set	
210-2 Property Set IFC any	■

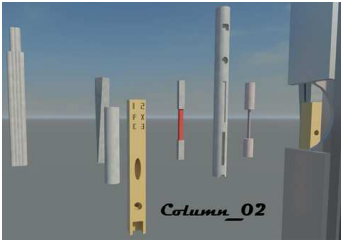
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300-2 Type Naming	■	
300-3 Type Material	■	
300-5 Type Property Set	■	
General	company statement	
_G4 Remarks	■	

CharsetTest-01S / 2x3



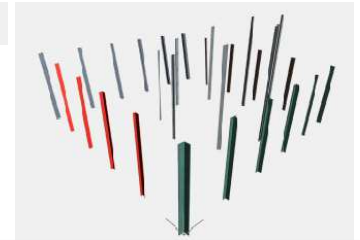
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_G1 Character sets		■	
_G4 Remarks		■	

Column_02 / 2x3



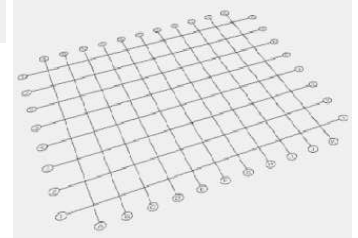
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030-6 Geometry Body			
030-6-1 Geometry SweptSolid		Not Supported	
030-6-5 Geometry Explicit		Supported	
070 Voiding			
070-1 Voiding Geometry Explicit		Not Supported	
070-2 Voiding Geometry Mapped		Not Supported	
070-3 Voiding Geometry SweptSolid		Not Supported	
General	company statement		Column_02 / 2x3
_G4 Remarks		Supported	

Column 01 / 2x3



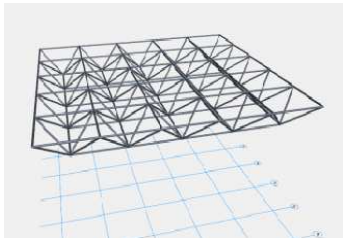
104 IfcColumn	company statement		Column 01 / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-2 Geometry Clipping	■		
040 Presentation			
040-1 Geometric Presentation	■		
040-2 Material Presentation	■		
050 CAD Layer	■		
120 Spatial Containment	■		
200 Material			
200-1 Single Material	■		
210 Property Set			
210-1 Property Set IFC Common	■		
General	company statement		Column 01 / 2x3
_G4 Remarks	■		

Grid 01 / 2x3



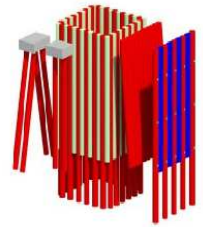
509 IfcGrid		company statement	Grid 01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
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030-3 Geometry FootPrint		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
120 Spatial Containment		■	
210 Property Set			
210-3 Property Set User Defined		■	
270 Grid Usage			
270-1 Grid Axes		■	
General		company statement	Grid 01 / 2x3
_G4 Remarks		■	

Member_01S / 2x3



401 IfcMember	company statement		Member_01S / 2x3
010 Naming			
020 Placement			
020-2 Placement Relative			
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid			
030-6-2 Geometry Clipping			
110 Connectivity			
110-1 Connectivity Basic			
110-3 Connectivity Realization			
110-3-1 Connectivity Realized			
120 Spatial Containment			
200 Material			
200-1 Single Material			
300 Type			
300-1 Type Geometry			
General	company statement		Member_01S / 2x3
_G4 Remarks			

Pile 01 / 2x3



404 IfcPile	company statement		Pile 01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-1 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
030-6-9 Geometry Mapped		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
050 CAD Layer		■	
070 Voiding			
070-3 Voiding Geometry SweptSolid		■	
100 Element Aggregation			
100-2 Element Decomposition		■	
120 Spatial Containment		■	

200 Material	
200-1 Single Material	■
210 Property Set	
210-3 Property Set User Defined	■
300 Type	
300-1 Type Geometry	■
300-3 Type Material	■
300-5 Type Property Set	■
General	company statement
_G4 Remarks	■

PlateFastener-01 / 2x3



103 IfcBeam		company statement	PlateFastener-01 / 2x3
001 GUIDs	■		
002 History	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-9 Geometry Mapped	■		
104 IfcColumn		company statement	PlateFastener-01 / 2x3
001 GUIDs	■		
002 History	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-9 Geometry Mapped	■		
100 Element Aggregation			
100-2 Element Decomposition	■		
210 Property Set			
210-3 Property Set User Defined	■		

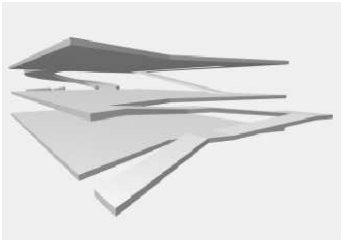
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300-2 Type Naming	■	
300-3 Type Material	■	
300-5 Type Property Set	■	
401 IfcMember	company statement	PlateFastener-01 / 2x3
001 GUIDs	■	
002 History	■	
020 Placement		
020-2 Placement Relative	■	
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid	■	
030-6-9 Geometry Mapped	■	
040 Presentation		
040-1 Geometric Presentation	■	
050 CAD Layer	■	
210 Property Set		
210-1 Property Set IFC Common	■	
210-3 Property Set User Defined	■	
300 Type		
300-2 Type Naming	■	
300-3 Type Material	■	
300-5 Type Property Set	■	
402 IfcPlate	company statement	PlateFastener-01 / 2x3

001 GUIDs	
002 History	
010 Naming	
020 Placement	
020-2 Placement Relative	
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	
030-6-2 Geometry Clipping	
030-6-5 Geometry Explicit	
040 Presentation	
040-1 Geometric Presentation	
050 CAD Layer	
070 Voiding	
070-3 Voiding Geometry SweptSolid	
120 Spatial Containment	
200 Material	
200-2 Material Layer Set	
210 Property Set	
210-1 Property Set IFC Common	
210-3 Property Set User Defined	

300 Type		
300-1 Type Geometry	■	
300-2 Type Naming	■	
300-3 Type Material	■	
300-5 Type Property Set	■	
403 IfcFooting	company statement	PlateFastener-01 / 2x3
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid	■	
030-6-2 Geometry Clipping	■	
405 IfcFastener	company statement	PlateFastener-01 / 2x3
010 Naming	■	
020 Placement		
020-2 Placement Relative	■	
030 Geometry		
030-2 Geometry Axis	■	
406 IfcMechanicalFastener	company statement	PlateFastener-01 / 2x3
001 GUIDs	■	
002 History	■	
010 Naming	■	
020 Placement		
020-2 Placement Relative	■	

030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	Not Supported
030-6-5 Geometry Explicit	Supported
030-6-9 Geometry Mapped	Supported
040 Presentation	
040-1 Geometric Presentation	Supported
050 CAD Layer	Restricted
120 Spatial Containment	Supported
200 Material	
200-1 Single Material	Supported
210 Property Set	
210-6 Property Set IFC any	Supported
210-9 Property Set User Defined	Supported
300 Type	
300-1 Type Geometry	Not Supported
300-2 Type Naming	Not Supported
300-3 Type Material	Not Supported
300-5 Type Property Set	Not Supported

RampSlab-01 / 2x3



105 IfcSlab	company statement		RampSlab-01 / 2x3
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
070 Voiding			
070-3 Voiding Geometry SweptSolid		■	
107 IfcRamp	company statement		RampSlab-01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-1 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
030-9 Geometry By Components		■	

040 Presentation	
040-1 Geometric Presentation	■
050 CAD Layer	■
100 Element Aggregation	
100-2 Element Decomposition	■
120 Spatial Containment	■
200 Material	
200-1 Single Material	■
210 Property Set	
210-1 Property Set IFC Common	■
210-3 Property Set User Defined	■
General	company statement
_G4 Remarks	■

Reinforcement-01 / 2x3



101 IfcWallStandardCase	company statement		Reinforcement-01 / 2x3
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
120 Spatial Containment		■	
103 IfcBeam	company statement		Reinforcement-01 / 2x3
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
120 Spatial Containment		■	
104 IfcColumn	company statement		Reinforcement-01 / 2x3
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	

120 Spatial Containment		
105 IfcSlab		<i>company statement</i> Reinforcement-01 / 2x3
020 Placement		
020-2 Placement Relative		
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid		
120 Spatial Containment		
403 IfcFooting		<i>company statement</i> Reinforcement-01 / 2x3
010 Naming		
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid		
040 Presentation		
040-1 Geometric Presentation		
050 CAD Layer		
120 Spatial Containment		
210 Property Set		
210-3 Property Set User Defined		
407 IfcDiscreteAccessory		<i>company statement</i> Reinforcement-01 / 2x3
001 GUIDs		
010 Naming		
020 Placement		
020-2 Placement Relative		

030 Geometry	
030-6 Geometry Body	
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■
040 Presentation	
040-1 Geometric Presentation	■
050 CAD Layer	■
120 Spatial Containment	■
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200-1 Single Material	■
210 Property Set	
210-9 Property Set User Defined	■
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300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
408 IfcElementAssembly	company statement
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030-6 Geometry Body	
030-9 Geometry By Components	■

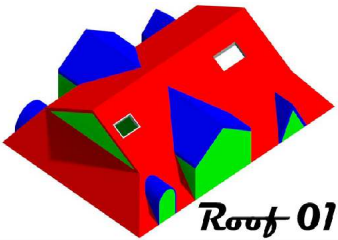
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100-2 Element Decomposition	■	
120 Spatial Containment	■	
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210-9 Property Set User Defined	■	
409 IfcReinforcingBar	company statement Reinforcement-01 / 2x3	
001 GUIDs	■	
010 Naming	■	
020 Placement		
020-2 Placement Relative	■	
030 Geometry		
030-6 Geometry Body		
030-6-4 Geometry AdvancedSweptSolid	■	
030-6-5 Geometry Explicit	■	
030-6-9 Geometry Mapped	■	
040 Presentation		
040-1 Geometric Presentation	■	
050 CAD Layer	■	
120 Spatial Containment	■	
200 Material		
200-1 Single Material	■	

210 Property Set	
210-9 Property Set User Defined	■
300 Type	
300-1 Type Geometry	■
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
410 IfcReinforcingMesh	company statement Reinforcement-01 / 2x3
001 GUIDs	■
010 Naming	■
020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-4 Geometry AdvancedSweptSolid	■
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■
040 Presentation	
040-1 Geometric Presentation	■
050 CAD Layer	■
120 Spatial Containment	■
200 Material	
200-1 Single Material	■
210 Property Set	
210-9 Property Set User Defined	■

300 Type		
300-1 Type Geometry	■	
300-2 Type Naming	■	
300-3 Type Material	■	
300-5 Type Property Set	■	
501 IfcProject	company statement	Reinforcement-01 / 2x3
001 GUIDs	■	
002 History	■	
005 Project Units		
005-1 Project Metric Units	■	
008 Representation Context		
008-1 Representation Main Context	■	
008-2 Representation Sub Context		
008-2-2 Representation Sub Context 3D	■	
010 Naming	■	
150 Spatial Aggregation		
150-2 Spatial Decomposition	■	
503 IfcBuilding	company statement	Reinforcement-01 / 2x3
001 GUIDs	■	
002 History	■	
010 Naming	■	
020 Placement		
020-1 Placement Absolute	■	
060 Location		
060-2 Address	■	

150 Spatial Aggregation		
150-1 Spatial Composition	■	
150-2 Spatial Decomposition	■	
504 IfcBuildingStorey	company statement Reinforcement-01 / 2x3	
001 GUIDs	■	
002 History	■	
010 Naming	■	
020 Placement		
020-2 Placement Relative	■	
060 Location		
060-4 Storey Elevation	■	
120 Spatial Containment	■	
150 Spatial Aggregation		
150-1 Spatial Composition	■	
150-2 Spatial Decomposition	■	

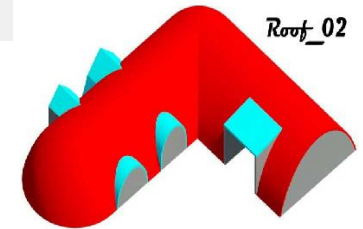
Roof 01 / 2x3



101 IfcWallStandardCase	company statement		Roof 01 / 2x3
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030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
105 IfcSlab	company statement		Roof 01 / 2x3
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
030-6-9 Geometry Mapped		■	
070 Voiding			
070-3 Voiding Geometry SweptSolid		■	
080 Filling			
080-1 Has Filling			
080-1-2 Has Filling Window		■	
200 Material			
200-2 Material Layer Set		■	
110 IfcRoof	company statement		Roof 01 / 2x3
030 Geometry			
030-1 Geometry Box		■	

040 Presentation	
040-1 Geometric Presentation	■
040-2 Material Presentation	■
100 Element Aggregation	
100-2 Element Decomposition	■
120 Spatial Containment	■
200 Material	
200-1 Single Material	■
General	company statement
_G4 Remarks	■

Roof 02 / 2x3



101 IfcWallStandardCase		<i>company statement</i>	<i>Roof 02 / 2x3</i>
010 Naming	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-2 Geometry Clipping	■		
050 CAD Layer	■		
110 IfcRoof		<i>company statement</i>	<i>Roof 02 / 2x3</i>
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit	■		
050 CAD Layer	■		
100 Element Aggregation			
100-2 Element Decomposition	■		
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210-3 Property Set User Defined	■		

General	company statement	Roof 02 / 2x3
_G4 Remarks		

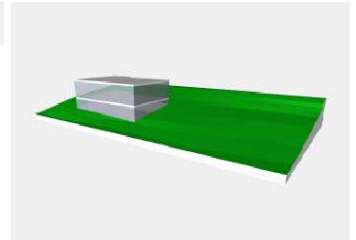
Site 01 / 2x3



502 IfcSite	company statement		Site 01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-1 Placement Absolute		■	
030 Geometry			
030-1 Geometry Box		■	
030-3 Geometry FootPrint		■	
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
060 Location			
060-1 Geographic Location		■	
060-2 Address		■	
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210 Property Set			
210-1 Property Set IFC Common		■	

General	company statement	Site 01 / 2x3
_G4 Remarks		

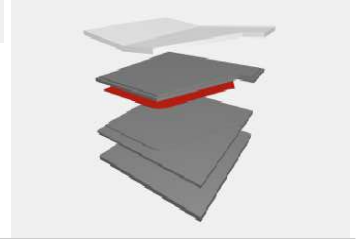
Site 02 / 2x3



502 IfcSite	company statement		Site 02 / 2x3
010 Naming		■	
020 Placement			
020-1 Placement Absolute		■	
030 Geometry			
030-3 Geometry FootPrint		■	
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
150 Spatial Aggregation			
150-1 Spatial Composition		■	
150-2 Spatial Decomposition		■	
210 Property Set			
210-9 Property Set User Defined		■	
503 IfcBuilding	company statement		Site 02 / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
150 Spatial Aggregation			
150-1 Spatial Composition		■	
150-2 Spatial Decomposition		■	

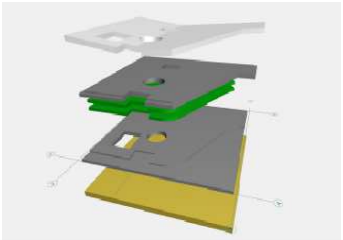
210 Property Set		
210-1 Property Set IFC Common		
General	company statement	Site 02 / 2x3
_G4 Remarks		

Slab 01S / 2x3



105 IfcSlab	company statement		Slab 01S / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
050 CAD Layer		■	
200 Material			
200-2 Material Layer Set		■	
200-3 Material Layer Usage		■	
210 Property Set			
210-1 Property Set IFC Common		■	
General	company statement		Slab 01S / 2x3
_G4 Remarks		■	

Slab 02S / 2x3

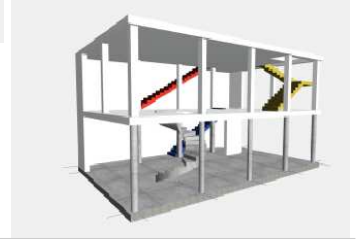


105 IfcSlab	company statement		Slab 02S / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-1 Geometry Box		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
030-6-5 Geometry Explicit		■	
030-6-9 Geometry Mapped		■	
070 Voiding			
070-1 Voiding Geometry Explicit		■	
070-2 Voiding Geometry Mapped		■	
070-3 Voiding Geometry SweptSolid		■	
120 Spatial Containment		■	
130 Grouping			
130-1 Grouping General		■	

200 Material	
200-1 Single Material	■
200-2 Material Layer Set	■
210 Property Set	
210-1 Property Set IFC Common	■
210-2 Property Set IFC any	■
210-3 Property Set User Defined	■
300 Type	
300-1 Type Geometry	■
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
General	company statement
_G4 Remarks	■

Slab 02S / 2x3

StairSlab-01 / 2x3



105 IfcSlab		company statement	StairSlab-01 / 2x3
001 GUIDs		■	
002 History		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
070 Voiding			
070-3 Voiding Geometry SweptSolid		■	
106 IfcStair		company statement	StairSlab-01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-1 Placement Relative		■	

030 Geometry	
030-6 Geometry Body	
030-6-5 Geometry Explicit	■
030-9 Geometry By Components	■
040 Presentation	
040-1 Geometric Presentation	■
050 CAD Layer	■
100 Element Aggregation	
100-2 Element Decomposition	■
120 Spatial Containment	■
200 Material	
200-1 Single Material	■
210 Property Set	
210-1 Property Set IFC Common	■
General	company statement
_G4 Remarks	■

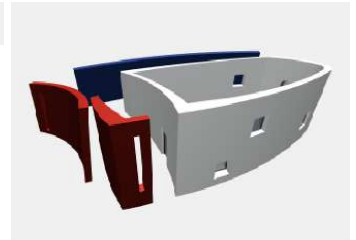
StairSlab-01 / 2x3

UnitTest-01S / 2x3



501 IfcProject	company statement		UnitTest-01S / 2x3
005 Project Units			
005-1 Project Metric Units	■		
005-2 Project Imperial Units	■		
General	company statement		UnitTest-01S / 2x3
_G4 Remarks	■		

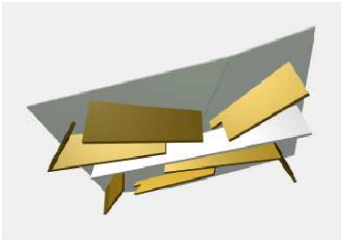
Wall 01 / 2x3



102 IfcWall	company statement		Wall 01 / 2x3
002 History		■	
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
030-6-5 Geometry Explicit		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
070 Voiding			
070-1 Voiding Geometry Explicit		■	
070-3 Voiding Geometry SweptSolid		■	
080 Filling			
080-1 Has Filling			
080-1-1 Has Filling Door		■	
080-1-2 Has Filling Window		■	

200 Material		
200-1 Single Material	■	
210 Property Set		
210-1 Property Set IFC Common	■	
300 Type		
300-3 Type Material	■	
300-5 Type Property Set	■	
301 IfcWindow		company statement Wall 01 / 2x3
020 Placement		
020-2 Placement Relative	■	
302 IfcDoor		company statement Wall 01 / 2x3
020 Placement		
020-2 Placement Relative	■	
General		company statement Wall 01 / 2x3
_G4 Remarks	■	

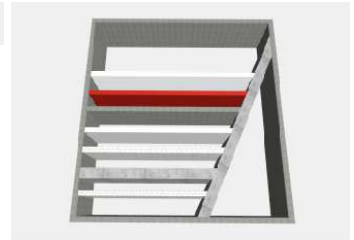
Wall 02 / 2x3



102 IfcWall	company statement		Wall 02 / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-2 Geometry Axis		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
030-6-5 Geometry Explicit		■	
050 CAD Layer		■	
070 Voiding			
070-1 Voiding Geometry Explicit		■	
070-3 Voiding Geometry SweptSolid		■	
120 Spatial Containment		■	
130 Grouping			
130-1 Grouping General		■	
200 Material			
200-3 Material Layer Set		■	

300 Type		
300-2 Type Naming	■	
General		company statement
_G4 Remarks	■	

WallStandardCase 01S / 2x3



101 IfcWallStandardCase	company statement		WallStandardCase 01S / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-2 Geometry Axis		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
050 CAD Layer		■	
110 Connectivity			
110-2 Connectivity Path		■	
120 Spatial Containment		■	
200 Material			
200-4 Material Layer Usage		■	
210 Property Set			
210-3 Property Set User Defined		■	

300 Type	
300-3 Type Material	Not Supported
300-5 Type Property Set	Not Supported
General	company statement
WallStandardCase 01S / 2x3	
_G4 Remarks	Supported

WallStandardCase 02S / 2x3



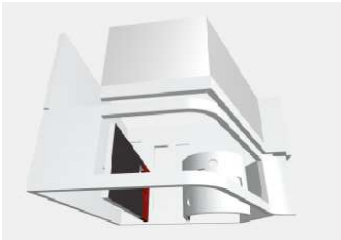
101 IfcWallStandardCase		company statement	WallStandardCase 02S / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-2 Geometry Axis		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
050 CAD Layer		■	
110 Connectivity			
110-2 Connectivity Path		■	
120 Spatial Containment		■	
200 Material			
200-4 Material Layer Usage		■	
210 Property Set			
210-1 Property Set IFC Common		■	
General		company statement	WallStandardCase 02S / 2x3
_G4 Remarks		■	

WallStandardCase 03S / 2x3



101 IfcWallStandardCase		company statement	WallStandardCase 03S / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-2 Geometry Axis	■		
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
070 Voiding			
070-1 Voiding Geometry SweptSolid	■		
070-2 Voiding Geometry Explicit	■		
120 Spatial Containment	■		
General		company statement	WallStandardCase 03S / 2x3
_G4 Remarks	■		

WallStandardCase 04S / 2x3



101 IfcWallStandardCase	company statement		WallStandardCase 04S / 2x3
010 Naming		■	
030 Geometry			
030-2 Geometry Axis		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
070 Voiding			
070-1 Voiding Geometry SweptSolid		■	
070-2 Voiding Geometry Explicit		■	
120 Spatial Containment		■	
General	company statement		WallStandardCase 04S / 2x3
_G4 Remarks		■	