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Introduction

ArchiBIM Server can be known as processing as well as managing the bulk BIM File's transmission/reception solution, it can also extract the BIM file's information Database and including middleware interlocking BIM management solutions.

It can provide through web environment best management method when managing the bulk BIM Data based and by using the data optimization function it may provide optimum BIM Data through other tools.

ArchiBIM Server Spacial Function

- Managing the Bulk File

ArchiBIM Server provides to users for structural of BIM File and as they manage through Database, the Bulk Data can be managed effectively.

- Data Optimization

ArchiBIM Server provides to users when they want to extract the file they want, they can extract them through bulk BIM File. Also by applying variety of BIM including Energy Analysis and Solar Rights Analysis, people can be offered with required information from above applications by using ArchiBIM Server and uploading bulk file not required.

ArchiBIM Server Implementation

ArchiBIM Server has been implemented to Seumter and currently on use.

* Seumter is the South Korea Government's Architectural Administration System and performs construction administration task electronically (Licensing->begin construct->parcel out->completion->demolition)

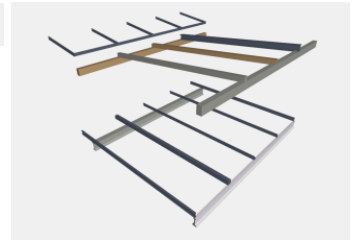
Testlist

Name test	concepts total	manually checked		
				
Beam_01 / 2x3	10	10		
Beam_03 / 2x3	6	4		2
Column 01 / 2x3	11	11		
CoveringFurnishing-01 / 2x3	57	47	9	1
CurtainWall-01 / 2x3	29	24	4	1
Door 01 / 2x3	22	21	1	
DuplexHouse_Electrical / 2x3	65	42	23	
DuplexHouse_Heating / 2x3	56	47	9	
DuplexHouse_Sanitary / 2x3	52	50	2	
DuplexHouse_Ventilation / 2x3	44	44		
Member 01A / 2x3	10	10		
Pile 01 / 2x3	19	15	4	
RampRailing-01 / 2x3	28	25	2	1
RandomArch-X1 AC16 / 2x3	53	51		2
RandomArch-X2 RAC / 2x3	10	7	1	2
RandomArch-X3 Allplan2013 / 2x3	17	17		
RandomMEP-X1 RME / 2x3	10	10		
RandomMEP-X2 BENCH / 2x3	21	10	11	
RandomStruc-X1 TS / 2x3	14	14		
RandomStruc-X2 Scia / 2x3	10	10		
Reinforcement-01 / 2x3	94	66	28	
Roof 01 / 2x3	15	11	3	1
Site 01 / 2x3	14	12		2
Slab 01S / 2x3	11	11		
Slab 02A / 2x3	24	19	4	1
StairSlab-01 / 2x3	19	19		

Name test	concepts total	manually checked		
Wall 02 / 2x3	14	13		1
WallSlab 03 / 2x3	32	30		
WallStandardCase 02A / 2x3	11	10	1	
WallStandardCase 03S / 2x3	8	6	1	
WallStandardCase 04A / 2x3	8	7	1	
Window 01 / 2x3	22	20	2	

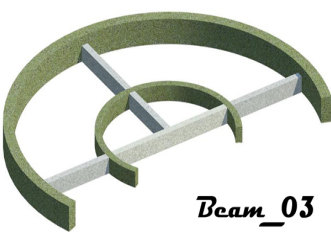
Concepts

Beam_01 / 2x3



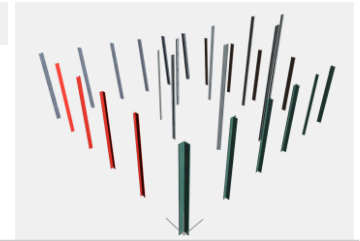
103 IfcBeam	company statement		Beam_01 / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
120 Spatial 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_03 / 2x3



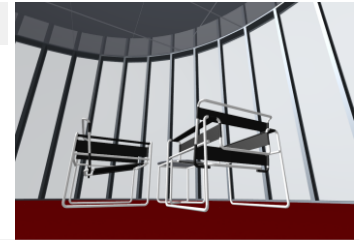
103 IfcBeam	company statement		Beam_03 / 2x3
030 Geometry			
030-1 Geometry Box	■	We don't require it in our business.	
030-2 Geometry Axis	■	We don't require it in our business.	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-2 Geometry Clipping	■		
300 Type			
300-5 Type Property Set	■		
General	company statement		Beam_03 / 2x3
_G4 Remarks	■		

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	■		

CoveringFurnishing-01 / 2x3



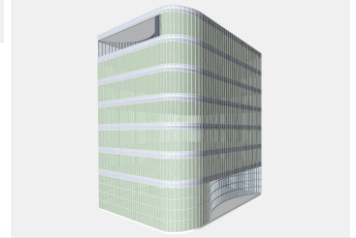
210 IfcFlowTerminal	company statement		CoveringFurnishing-01 / 2x3
001 GUIDs		■	
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
030-6-9 Geometry Mapped		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
120 Spatial Containment		■	
210 Property Set			
210-1 Property Set IFC Common		■	
210-6 Property Set IFC any		■	
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	■ There is no testfile containing it.
303 IfcCovering	<i>company statement</i> CoveringFurnishing-01 / 2x3
010 Naming	■
020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■
030-6-9 Geometry Mapped	■ There is no testfile containing it.
040 Presentation	
040-1 Geometric Presentation	■
050 CAD Layer	■
070 Voiding	
120 Spatial Containment	■
200 Material	
200-1 Single Material	■
200-3 Material Layer Set	■
210 Property Set	
210-1 Property Set IFC Common	■

300 Type	
300-1 Type Geometry	■ There is no testfile containing it.
300-2 Type Naming	■ There is no testfile containing it.
300-3 Type Material	■ There is no testfile containing it.
300-5 Type Property Set	■ There is no testfile containing it.
304 IfcFurnishingElement	<i>company statement</i> CoveringFurnishing-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	■
200 Material	
200-1 Single Material	■
200-5 Material List	■ Colour is restricted.
210 Property Set	
210-6 Property Set IFC any	■
210-9 Property Set User Defined	■

300 Type		
300-1 Type Geometry		
300-2 Type Naming		
300-3 Type Material		There is no testfile containing it.
300-5 Type Property Set		There is no testfile containing it.
505 IfcSpace	company statement	
030 Geometry		
030-3 Geometry FootPrint		There is no testfile containing it.
030-6 Geometry Body		
030-6-1 Geometry SweptSolid		
120 Spatial Containment		
130 Grouping		
130-3 Grouping to Zones		
230 Classification		We don't require it in our business.
508 IfcZone	company statement	
001 GUIDs		
002 History		
010 Naming		
130 Grouping		
130-5 Is Group		
210 Property Set		
210-1 Property Set IFC Common		
210-9 Property Set User Defined		
General	company statement	
_G4 Remarks		

CurtainWall-01 / 2x3

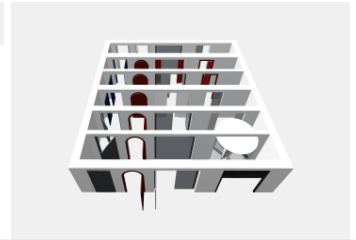


109 IfcCurtainWall	company statement		CurtainWall-01 / 2x3
001 GUIDs	■		
002 History	■		
010 Naming	■		
020 Placement			
020-1 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit	■		
030-9 Geometry By Components	■		
040 Presentation			
040-1 Geometric Presentation	■		
050 CAD Layer	■		
100 Element Aggregation			
100-2 Element Decomposition	■		
120 Spatial Containment	■		
200 Material			
200-1 Single Material	■		
200-5 Material List	■	We don't require it in our business.	

210 Property Set		
210-1 Property Set IFC Common	■	
210-3 Property Set User Defined	■	
300 Type		
300-1 Type Geometry	■	There is no testfile containing it.
300-2 Type Naming	■	There is no testfile containing it.
300-3 Type Material	■	There is no testfile containing it.
300-5 Type Property Set	■	There is no testfile containing it.
501 IfcProject		<i>company statement</i> CurtainWall-01 / 2x3
010 Naming	■	
502 IfcSite		<i>company statement</i> CurtainWall-01 / 2x3
010 Naming	■	
060 Location		
060-1 Geographic Location	■	
060-2 Address	■	
503 IfcBuilding		<i>company statement</i> CurtainWall-01 / 2x3
010 Naming	■	
020 Placement		
020-2 Placement Relative	■	
504 IfcBuildingStorey		<i>company statement</i> CurtainWall-01 / 2x3
010 Naming	■	
020 Placement		
020-2 Placement Relative	■	
060 Location		
060-4 Storey Elevation	■	

210 Property Set		
210-1 Property Set IFC Common		
General	company statement	CurtainWall-01 / 2x3
_G4 Remarks		

Door 01 / 2x3



302 IfcDoor	company statement		Door 01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-5 Geometry Profile		■	
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
030-6-9 Geometry Mapped		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
080 Filling			
080-2 Is Filling		■	
120 Spatial Containment		■	
200 Material			
200-1 Single Material		■	
200-5 Material List		■	Colour is Restricted

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	■
300-6 Type Predefined Properties	
300-6-1 Type Predefined Properties Door	■
General	company statement
_G4 Remarks	■

Door 01 / 2x3

DuplexHouse_Electrical / 2x3



204 IfcEnergyConversionDevice	company statement		DuplexHouse_Electrical / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit	■		
030-6-9 Geometry Mapped	■		
100 Element Aggregation			
100-4 Port Assignment	■		
110 Connectivity			
110-5 Connectivity by Ports	■		
120 Spatial Containment	■		
130 Grouping			
130-2 Grouping to Systems	■		
300 Type			
300-1 Type Geometry	■	There is no testfile containing it.	
300-2 Type Naming	■	There is no testfile containing it.	
205 IfcFlowController	company statement		DuplexHouse_Electrical / 2x3
010 Naming	■		

020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■
100 Element Aggregation	
100-4 Port Assignment	■
110 Connectivity	
110-5 Connectivity by Ports	■
120 Spatial Containment	■
130 Grouping	
130-2 Grouping to Systems	■
300 Type	
300-1 Type Geometry	■
300-2 Type Naming	■
206 IfcFlowFitting	<i>company statement</i>
	<i>DuplexHouse_Electrical / 2x3</i>
010 Naming	■ There is no testfile containing it.
020 Placement	
020-2 Placement Relative	■ There is no testfile containing it.
030 Geometry	
030-6 Geometry Body	
030-6-5 Geometry Explicit	■ There is no testfile containing it.
030-6-9 Geometry Mapped	■ There is no testfile containing it.

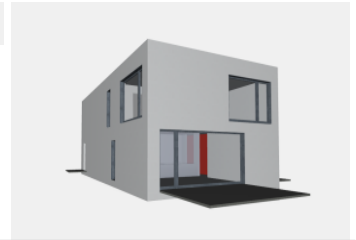
100 Element Aggregation 100-4 Port Assignment	 There is no testfile containing it.
110 Connectivity 110-5 Connectivity by Ports	 There is no testfile containing it.
120 Spatial Containment	 There is no testfile containing it.
130 Grouping 130-2 Grouping to Systems	 There is no testfile containing it.
300 Type 300-1 Type Geometry 300-2 Type Naming	 There is no testfile containing it.  There is no testfile containing it.
208 IfcFlowSegment	<i>company statement</i> DuplexHouse_Electrical / 2x3
010 Naming	 There is no testfile containing it.
020 Placement 020-2 Placement Relative	 There is no testfile containing it.
030 Geometry 030-6 Geometry Body 030-6-5 Geometry Explicit 030-6-9 Geometry Mapped	 There is no testfile containing it.  There is no testfile containing it.
040 Presentation 040-1 Geometric Presentation	 There is no testfile containing it.

100 Element Aggregation 100-4 Port Assignment	 There is no testfile containing it.
110 Connectivity 110-5 Connectivity by Ports	 There is no testfile containing it.
120 Spatial Containment	 There is no testfile containing it.
130 Grouping 130-2 Grouping to Systems	 There is no testfile containing it.
300 Type 300-1 Type Geometry 300-2 Type Naming	 There is no testfile containing it.  There is no testfile containing it.
210 IfcFlowTerminal	<i>company statement</i> DuplexHouse_Electrical / 2x3
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	
100 Element Aggregation 100-4 Port Assignment	

110 Connectivity			
110-5 Connectivity by Ports	■		
120 Spatial Containment	■		
130 Grouping			
130-2 Grouping to Systems	■		
210 Property Set			
210-1 Property Set IFC Common	■		
210-6 Property Set IFC any	■		
210-9 Property Set User Defined	■		
300 Type			
300-1 Type Geometry	■		
300-2 Type Naming	■		
501 IfcProject		company statement	DuplexHouse_Electrical / 2x3
010 Naming	■		
503 IfcBuilding		company statement	DuplexHouse_Electrical / 2x3
010 Naming	■		
504 IfcBuildingStorey		company statement	DuplexHouse_Electrical / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
150 Spatial Aggregation			
150-1 Spatial Composition	■		
507 IfcSystem		company statement	DuplexHouse_Electrical / 2x3
010 Naming	■		

130 Grouping		
130-2 Grouping to Systems	■	
130-5 Is Group	■	
General	company statement DuplexHouse_Electrical / 2x3	
_G4 Remarks	■	

DuplexHouse_Heating / 2x3



204 IfcEnergyConversionDevice	company statement		DuplexHouse_Heating / 2x3
010 Naming	■		
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit	■		
030-6-9 Geometry Mapped	■		
040 Presentation			
040-1 Geometric Presentation	■		
100 Element Aggregation			
100-4 Port Assignment	■		
110 Connectivity			
110-5 Connectivity by Ports	■		
130 Grouping			
130-2 Grouping to Systems	■		
300 Type			
300-1 Type Geometry	■		
300-5 Type Property Set	■	There is no testfile containing it.	
205 IfcFlowController	company statement		DuplexHouse_Heating / 2x3
010 Naming	■		

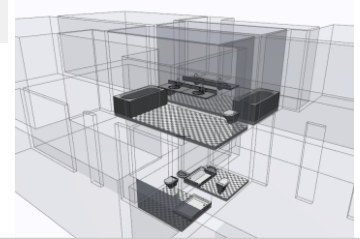
030 Geometry	
030-6 Geometry Body	
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■
040 Presentation	
040-1 Geometric Presentation	■
100 Element Aggregation	
100-4 Port Assignment	■
110 Connectivity	
110-5 Connectivity by Ports	■
130 Grouping	
130-2 Grouping to Systems	■
300 Type	
300-1 Type Geometry	■ There is no testfile containing it.
300-5 Type Property Set	■ There is no testfile containing it.
206 IfcFlowFitting	<i>company statement</i> <i>DuplexHouse_Heating / 2x3</i>
010 Naming	■
030 Geometry	
030-6 Geometry Body	
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■
040 Presentation	
040-1 Geometric Presentation	■
100 Element Aggregation	
100-4 Port Assignment	■

110 Connectivity		
110-5 Connectivity by Ports	■	
130 Grouping		
130-2 Grouping to Systems	■	
300 Type		
300-1 Type Geometry	■	
300-5 Type Property Set	■	There is no testfile containing it.
207 IfcFlowMovingDevice	company statement DuplexHouse_Heating / 2x3	
010 Naming	■	
030 Geometry		
030-6 Geometry Body		
030-6-5 Geometry Explicit	■	
030-6-9 Geometry Mapped	■	
040 Presentation		
040-1 Geometric Presentation	■	
100 Element Aggregation		
100-4 Port Assignment	■	
110 Connectivity		
110-5 Connectivity by Ports	■	
130 Grouping		
130-2 Grouping to Systems	■	
300 Type		
300-1 Type Geometry	■	
300-5 Type Property Set	■	
208 IfcFlowSegment	company statement DuplexHouse_Heating / 2x3	

010 Naming		
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid		
030-6-5 Geometry Explicit		There is no testfile containing it.
030-6-9 Geometry Mapped		There is no testfile containing it.
040 Presentation		
040-1 Geometric Presentation		
100 Element Aggregation		
100-4 Port Assignment		
110 Connectivity		
110-5 Connectivity by Ports		
130 Grouping		
130-2 Grouping to Systems		
300 Type		
300-1 Type Geometry		There is no testfile containing it.
300-5 Type Property Set		There is no testfile containing it.
210 IfcFlowTerminal	company statement DuplexHouse_Heating / 2x3	
010 Naming		
030 Geometry		
030-6 Geometry Body		
030-6-5 Geometry Explicit		
030-6-9 Geometry Mapped		
040 Presentation		
040-1 Geometric Presentation		

100 Element Aggregation	
100-4 Port Assignment	
110 Connectivity	
110-5 Connectivity by Ports	
130 Grouping	
130-2 Grouping to Systems	
300 Type	
300-1 Type Geometry	
300-5 Type Property Set	There is no testfile containing it.
General	<i>company statement</i> DuplexHouse_Heating / 2x3
_G4 Remarks	

DuplexHouse_Sanitary / 2x3



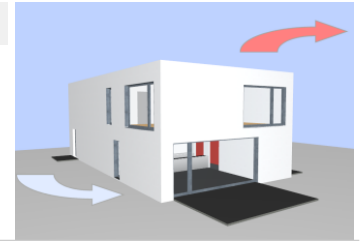
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020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-5 Geometry Explicit	■		
030-6-9 Geometry Mapped	■		
040 Presentation			
040-1 Geometric Presentation	■		
100 Element Aggregation			
100-4 Port Assignment	■		
110 Connectivity			
110-5 Connectivity by Ports	■		
120 Spatial Containment	■		
130 Grouping			
130-2 Grouping to Systems	■		
206 IfcFlowFitting	company statement		DuplexHouse_Sanitary / 2x3
010 Naming	■		

020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■
040 Presentation	
040-1 Geometric Presentation	■
100 Element Aggregation	
100-4 Port Assignment	■
110 Connectivity	
110-5 Connectivity by Ports	■
120 Spatial Containment	■
130 Grouping	
130-2 Grouping to Systems	■
208 IfcFlowSegment	<i>company statement</i>
010 Naming	■
020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■

040 Presentation	
040-1 Geometric Presentation	■
100 Element Aggregation	
100-4 Port Assignment	■
110 Connectivity	
110-5 Connectivity by Ports	■
120 Spatial Containment	■
130 Grouping	
130-2 Grouping to Systems	■
210 IfcFlowTerminal	<i>company statement</i> DuplexHouse_Sanitary / 2x3
010 Naming	■
020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■
040 Presentation	
040-1 Geometric Presentation	■
050 CAD Layer	■
100 Element Aggregation	
100-4 Port Assignment	■
110 Connectivity	
110-5 Connectivity by Ports	■

120 Spatial Containment		
130 Grouping		
130-2 Grouping to Systems		
200 Material		
200-1 Single Material		
210 Property Set		
210-6 Property Set IFC any		
210-9 Property Set User Defined		There is no testfile containing it.
300 Type		
300-1 Type Geometry		
300-2 Type Naming		
300-3 Type Material		There is no testfile containing it.
300-5 Type Property Set		
507 IfcSystem		<i>company statement</i> DuplexHouse_Sanitary / 2x3
010 Naming		
130 Grouping		
130-5 Is Group		
250 System Assignment		
250-2 Services Spatial Element		
General		<i>company statement</i> DuplexHouse_Sanitary / 2x3
_G4 Remarks		

DuplexHouse_Ventilation / 2x3



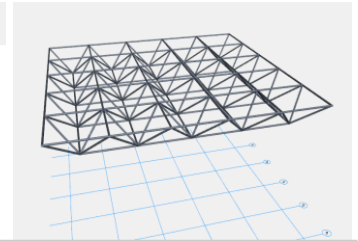
206 IfcFlowFitting	company statement		DuplexHouse_Ventilation / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-5 Geometry Explicit	■		
030-6-9 Geometry Mapped	■		
040 Presentation			
040-1 Geometric Presentation	■		
100 Element Aggregation			
100-4 Port Assignment	■		
110 Connectivity			
110-5 Connectivity by Ports	■		
120 Spatial Containment	■		
130 Grouping			
130-2 Grouping to Systems	■		
207 IfcFlowMovingDevice	company statement		DuplexHouse_Ventilation / 2x3
010 Naming	■		

020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■
040 Presentation	
040-1 Geometric Presentation	■
100 Element Aggregation	
100-4 Port Assignment	■
110 Connectivity	
110-5 Connectivity by Ports	■
120 Spatial Containment	■
130 Grouping	
130-2 Grouping to Systems	■
208 IfcFlowSegment	<i>company statement</i>
010 Naming	■
020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■

040 Presentation	
040-1 Geometric Presentation	■
100 Element Aggregation	
100-4 Port Assignment	■
110 Connectivity	
110-5 Connectivity by Ports	■
120 Spatial Containment	■
130 Grouping	
130-2 Grouping to Systems	■
210 IfcFlowTerminal	<i>company statement</i> DuplexHouse_Ventilation / 2x3
010 Naming	■
020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■
040 Presentation	
040-1 Geometric Presentation	■
100 Element Aggregation	
100-4 Port Assignment	■
110 Connectivity	
110-5 Connectivity by Ports	■
120 Spatial Containment	■

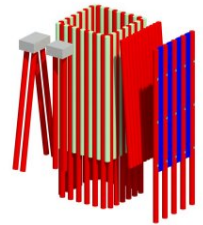
130 Grouping		
130-2 Grouping to Systems		
507 IfcSystem		<i>company statement</i> DuplexHouse_Ventilation / 2x3
010 Naming		
130 Grouping		
130-5 Is Group		
250 System Assignment		
250-2 Services Spatial Element		
General		<i>company statement</i> DuplexHouse_Ventilation / 2x3
_G4 Remarks		

Member 01A / 2x3



401 IfcMember	company statement		Member 01A / 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	■		
120 Spatial Containment	■		
200 Material			
200-1 Single Material	■		
300 Type			
300-1 Type Geometry	■		
General	company statement		Member 01A / 2x3
_G4 Remarks	■		

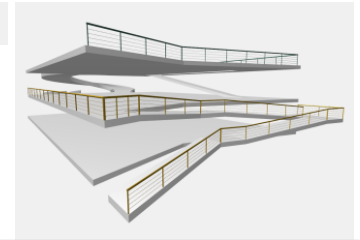
Pile 01 / 2x3



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	■	There is no testfile containing it.	
120 Spatial Containment		■	

200 Material	
200-1 Single Material	
210 Property Set	
210-3 Property Set User Defined	
300 Type	
300-1 Type Geometry	There is no testfile containing it.
300-3 Type Material	There is no testfile containing it.
300-5 Type Property Set	There is no testfile containing it.
General	<i>company statement</i>
_G4 Remarks	

RampRailing-01 / 2x3



107 IfcRamp	company statement		RampRailing-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	■	
108 IfcRailing	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	■	There is no testfile containing it.
030-6-5 Geometry Explicit	■	
030-6-9 Geometry Mapped	■	There is no testfile containing it.
040 Presentation		
040-1 Geometric Presentation	■	
050 CAD Layer	■	
120 Spatial Containment	■	
200 Material		
200-1 Single Material	■	
200-5 Material List	■	We don't require it in our business.
210 Property Set		
210-1 Property Set IFC Common	■	
210-3 Property Set User Defined	■	
General	company statement	

_G4 Remarks	
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RandomArch-X1 AC16 / 2x3

101 IfcWallStandardCase	company statement		RandomArch-X1 AC16 / 2x3
001 GUIDs			
002 History			
010 Naming			
030 Geometry			
030-2 Geometry Axis		We don't require it in our business.	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid			
050 CAD Layer			
070 Voiding			
070-1 Voiding Geometry SweptSolid			
080 Filling			
081 Has Filling			
081-2 Has Filling Window			
200 Material			
200-4 Material Layer Usage			
300 Type			
300-2 Type Naming			
102 IfcWall	company statement		RandomArch-X1 AC16 / 2x3
002 History			

010 Naming		
030 Geometry		
030-2 Geometry Axis		We don't require it in our business.
030-6 Geometry Body		
030-6-1 Geometry SweptSolid		
050 CAD Layer		
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		
200-3 Material Layer Set		
210 Property Set		
210-1 Property Set IFC Common		
300 Type		
300-2 Type Naming		
104 IfcColumn		<i>company statement</i>
002 History		
010 Naming		

030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid	■	
050 CAD Layer	■	
200 Material		
200-1 Single Material	■	
210 Property Set		
210-1 Property Set IFC Common	■	
300 Type		
300-2 Type Naming	■	
105 IfcSlab	company statement RandomArch-X1 AC16 / 2x3	
002 History	■	
010 Naming	■	
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid	■	
050 CAD Layer	■	
070 Voiding		
070-3 Voiding Geometry SweptSolid	■	
200 Material		
200-2 Material Layer Set	■	
200-3 Material Layer Usage	■	
210 Property Set		
210-1 Property Set IFC Common	■	
301 IfcWindow	company statement RandomArch-X1 AC16 / 2x3	

002 History		
010 Naming		
030 Geometry		
030-6 Geometry Body		
030-6-5 Geometry Explicit		
050 CAD Layer		
200 Material		
200-1 Single Material		
300 Type		
300-1 Type Geometry		
300-2 Type Naming		
300-6 Type Predefined Properties		
302 IfcDoor	company statement RandomArch-X1 AC16 / 2x3	
002 History		
010 Naming		
030 Geometry		
030-6 Geometry Body		
030-6-5 Geometry Explicit		
050 CAD Layer		
200 Material		
200-1 Single Material		
300 Type		
300-2 Type Naming		
300-6 Type Predefined Properties		
300-6-1 Type Predefined Properties Door		

509 IfcGrid	company statement	RandomArch-X1 AC16 / 2x3
030 Geometry		
General	company statement	RandomArch-X1 AC16 / 2x3
_G4 Remarks		

RandomArch-X2 RAC / 2x3

104 IfcColumn	company statement		RandomArch-X2 RAC / 2x3
020 Placement			
020-2 Placement Relative			
030 Geometry			
030-1 Geometry Box		We don't require 030-1 in our business.	
105 IfcSlab	company statement		RandomArch-X2 RAC / 2x3
020 Placement			
020-2 Placement Relative			
030 Geometry			
408 IfcElementAssembly	company statement		RandomArch-X2 RAC / 2x3
001 GUIDs			
010 Naming			
020 Placement			
020-2 Placement Relative			
030 Geometry			
030-1 Geometry Box		We don't require 030-1 in our business.	
030-2 Geometry Axis			
100 Element Aggregation			
100-1 Element Composition			
General	company statement		RandomArch-X2 RAC / 2x3
_G4 Remarks			

RandomArch-X3 Allplan2013 / 2x3

101 IfcWallStandardCase		company statement	RandomArch-X3 Allplan2013 / 2x3
070 Voiding			
070-1 Voiding Geometry SweptSolid		■	
102 IfcWall		company statement	RandomArch-X3 Allplan2013 / 2x3
070 Voiding			
070-1 Voiding Geometry Explicit		■	
301 IfcWindow		company statement	RandomArch-X3 Allplan2013 / 2x3
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
080 Filling			
080-2 Is Filling		■	
200 Material			
200-1 Single Material		■	
210 Property Set			
210-1 Property Set IFC Common		■	
210-2 Property Set IFC any		■	

300 Type		
300-6 Type Predefined Properties		
300-6-1 Type Predefined Properties Window	■	
302 IfcDoor	company statement	RandomArch-X3 Allplan2013 / 2x3
020 Placement		
020-2 Placement Relative	■	
030 Geometry		
030-6 Geometry Body		
030-6-5 Geometry Explicit	■	
080 Filling		
080-2 Is Filling	■	
200 Material		
200-1 Single Material	■	
210 Property Set		
210-1 Property Set IFC Common	■	
210-2 Property Set IFC any	■	
300 Type		
300-6 Type Predefined Properties		
300-6-1 Type Predefined Properties Door	■	
General	company statement	RandomArch-X3 Allplan2013 / 2x3
_G4 Remarks	■	

RandomMEP-X1 RME / 2x3

210 IfcFlowTerminal		company statement	RandomMEP-X1 RME / 2x3
001 GUIDs	■		
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit	■		
408 IfcElementAssembly		company statement	RandomMEP-X1 RME / 2x3
001 GUIDs	■		
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
100 Element Aggregation			
100-1 Element Composition	■		
100-2 Element Decomposition	■		
General		company statement	RandomMEP-X1 RME / 2x3
_G4 Remarks	■		

RandomMEP-X2 BENCH / 2x3

206 IfcFlowFitting	company statement		RandomMEP-X2 BENCH / 2x3
030 Geometry			
030-6 Geometry Body			
030-6-9 Geometry Mapped			
100 Element Aggregation			
100-4 Port Assignment			
110 Connectivity			
110-5 Connectivity by Ports			
207 IfcFlowMovingDevice	company statement		RandomMEP-X2 BENCH / 2x3
010 Naming		There is no testfile containing it.	
020 Placement			
020-2 Placement Relative		There is no testfile containing it.	
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit		There is no testfile containing it.	
030-6-9 Geometry Mapped		There is no testfile containing it.	
040 Presentation			
040-1 Geometric Presentation		There is no testfile containing it.	
050 CAD Layer		There is no testfile containing it.	

100 Element Aggregation		
100-4 Port Assignment		There is no testfile containing it.
110 Connectivity		
110-5 Connectivity by Ports		There is no testfile containing it.
120 Spatial Containment		There is no testfile containing it.
200 Material		
200-1 Single Material		There is no testfile containing it.
210 Property Set		
210-9 Property Set User Defined		There is no testfile containing it.
208 IfcFlowSegment	company statement RandomMEP-X2 BENCH / 2x3	
030 Geometry		
030-6 Geometry Body		
030-6-9 Geometry Mapped		
100 Element Aggregation		
100-4 Port Assignment		
110 Connectivity		
110-5 Connectivity by Ports		
210 IfcFlowTerminal	company statement RandomMEP-X2 BENCH / 2x3	
030 Geometry		
030-6 Geometry Body		
030-6-9 Geometry Mapped		
100 Element Aggregation		
100-4 Port Assignment		
110 Connectivity		
110-5 Connectivity by Ports		

General	company statement	RandomMEP-X2 BENCH / 2x3
_G4 Remarks		

RandomStruc-X1 TS / 2x3

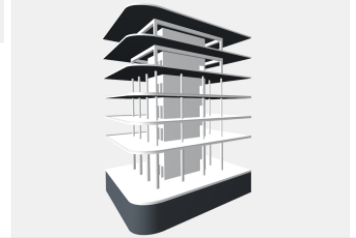
103 IfcBeam		company statement	RandomStruc-X1 TS / 2x3
001 GUIDs	■		
010 Naming	■		
104 IfcColumn		company statement	RandomStruc-X1 TS / 2x3
001 GUIDs	■		
010 Naming	■		
402 IfcPlate		company statement	RandomStruc-X1 TS / 2x3
001 GUIDs	■		
010 Naming	■		
406 IfcMechanicalFastener		company statement	RandomStruc-X1 TS / 2x3
020 Placement			
030 Geometry			
030-6 Geometry Body			
040 Presentation			
200 Material			
300 Type			
408 IfcElementAssembly		company statement	RandomStruc-X1 TS / 2x3
001 GUIDs	■		
010 Naming	■		

020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-9 Geometry By Components	■
040 Presentation	
100 Element Aggregation	
100-1 Element Composition	■
100-2 Element Decomposition	■
120 Spatial Containment	■
200 Material	
General	company statementRandomStruc-X1 TS / 2x3
_G4 Remarks	■

RandomStruc-X2 Scia / 2x3

411 IfcTendon	company statement		RandomStruc-X2 Scia / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-4 Geometry AdvancedSweptSolid		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
120 Spatial Containment		■	
200 Material			
200-1 Single Material		■	
General	company statement		RandomStruc-X2 Scia / 2x3
_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	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		
403 IfcFooting	company statement	
		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		There is no testfile containing it.
407 IfcDiscreteAccessory	company statement	
		Reinforcement-01 / 2x3
001 GUIDs		There is no testfile containing it.
010 Naming		There is no testfile containing it.
020 Placement		
020-2 Placement Relative		There is no testfile containing it.

030 Geometry	
030-6 Geometry Body	
030-6-5 Geometry Explicit	 There is no testfile containing it.
030-6-9 Geometry Mapped	 There is no testfile containing it.
040 Presentation	
040-1 Geometric Presentation	 There is no testfile containing it.
050 CAD Layer	 There is no testfile containing it.
120 Spatial Containment	 There is no testfile containing it.
200 Material	
200-1 Single Material	 There is no testfile containing it.
210 Property Set	
210-9 Property Set User Defined	 There is no testfile containing it.
300 Type	
300-1 Type Geometry	 There is no testfile containing it.
300-2 Type Naming	 There is no testfile containing it.
300-3 Type Material	 There is no testfile containing it.
300-5 Type Property Set	 There is no testfile containing it.
408 IfcElementAssembly	<i>company statement</i>
001 GUIDs	
010 Naming	
020 Placement	
020-2 Placement Relative	
030 Geometry	
030-6 Geometry Body	
030-9 Geometry By Components	

040 Presentation		
040-1 Geometric Presentation		
050 CAD Layer	 There is no testfile containing it.	
100 Element Aggregation		
100-2 Element Decomposition		
120 Spatial Containment		
210 Property Set		
210-9 Property Set User Defined	 There is no testfile containing it.	
409 IfcReinforcingBar	<i>company statement</i> Reinforcement-01 / 2x3	
001 GUIDs		
010 Naming		
020 Placement		
020-2 Placement Relative		
030 Geometry		
030-6 Geometry Body		
030-6-4 Geometry AdvancedSweptSolid		
030-6-5 Geometry Explicit	 There is no testfile containing it.	
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	 There is no testfile containing it.
300-2 Type Naming	 There is no testfile containing it.
300-3 Type Material	 There is no testfile containing it.
300-5 Type Property Set	 There is no testfile containing it.
410 IfcReinforcingMesh	<i>company statement</i> Reinforcement-01 / 2x3
001 GUIDs	
010 Naming	
020 Placement	
020-2 Placement Relative	
030 Geometry	
030-6 Geometry Body	
030-6-4 Geometry AdvancedSweptSolid	
030-6-5 Geometry Explicit	 There is no testfile containing it.
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	 There is no testfile containing it.

300 Type		
300-1 Type Geometry		There is no testfile containing it.
300-2 Type Naming		There is no testfile containing it.
300-3 Type Material		There is no testfile containing it.
300-5 Type Property Set		There is no testfile containing it.
501 IfcProject	company statement	
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	
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		<i>company statement</i> 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	■	
General		<i>company statement</i> Reinforcement-01 / 2x3
_G4 Remarks	■	

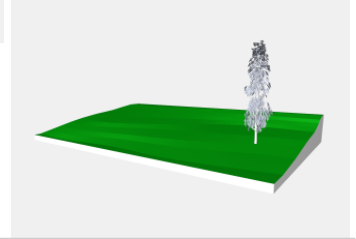
Roof 01 / 2x3



101 IfcWallStandardCase	company statement		Roof 01 / 2x3
030 Geometry			
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	■	There is no testfile containing it.	
030-6-2 Geometry Clipping	■	There is no testfile containing it.	
030-6-9 Geometry Mapped	■	There is no testfile containing it.	
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	■	We don't require it in our business.	

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	<i>company statement</i>
_G4 Remarks	■

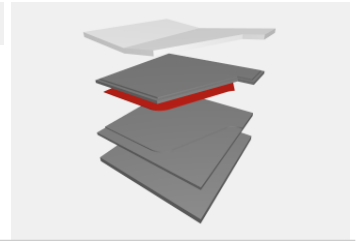
Site 01 / 2x3



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	■	We don't require 030-1 in our business.	
030-3 Geometry FootPrint	■	We don't require 030-3 in our business.	
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	■		
120 Spatial Containment	■		
210 Property Set			
210-1 Property Set IFC Common	■		

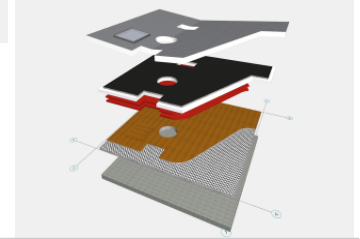
General	company statement	Site 01 / 2x3
_G4 Remarks		

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		■	

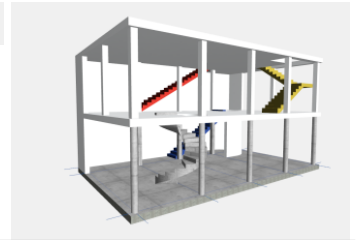
Slab 02A / 2x3



105 IfcSlab	company statement		Slab 02A / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-1 Geometry Box	■	We don't require it in our business.	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-2 Geometry Clipping	■	There is no testfile containing it.	
030-6-5 Geometry Explicit	■		
030-6-9 Geometry Mapped	■	There is no testfile containing it.	
070 Voiding			
070-1 Voiding Geometry Explicit	■		
070-2 Voiding Geometry Mapped	■	There is no testfile containing it.	
070-3 Voiding Geometry SweptSolid	■		
080 Filling			
080-1 Has Filling			
080-1-1 Has Filling Door	■		
080-1-2 Has Filling Window	■		
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	■ There is no testfile containing it.
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
General	company statement
Slab 02A / 2x3	
_G4 Remarks	■

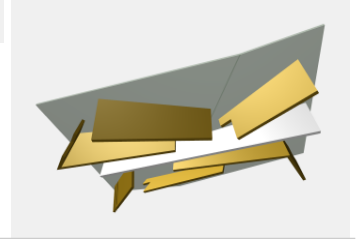
StairSlab-01 / 2x3



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
StairSlab-01 / 2x3	
_G4 Remarks	■

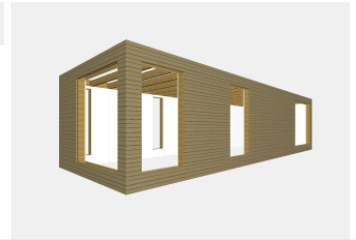
Wall 02 / 2x3



102 IfcWall	company statement		Wall 02 / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-2 Geometry Axis	■	We don't require it in our business.	
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	■	

WallSlab 03 / 2x3

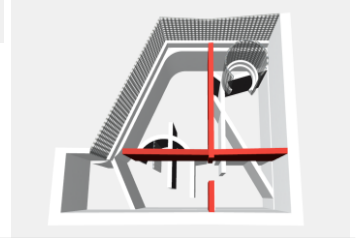


102 IfcWall	company statement		WallSlab 03 / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-9 Geometry By Components	■		
070 Voiding			
070-3 Voiding Geometry SweptSolid	■		
100 Element Aggregation			
100-2 Element Decomposition	■		
210 Property Set			
210-1 Property Set IFC Common	■		
105 IfcSlab	company statement		WallSlab 03 / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-9 Geometry By Components	■	There is no testfile containing 030-9	
100 Element Aggregation			
100-2 Element Decomposition	■	There is no testfile containing 100-2	

501 IfcProject		company statement	WallSlab 03 / 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	WallSlab 03 / 2x3
001 GUIDs	■		
002 History	■		
010 Naming	■		
020 Placement			
020-1 Placement Absolute	■		
150 Spatial Aggregation			
150-1 Spatial Composition	■		
150-2 Spatial Decomposition	■		
504 IfcBuildingStorey		company statement	WallSlab 03 / 2x3
001 GUIDs	■		
002 History	■		
010 Naming	■		

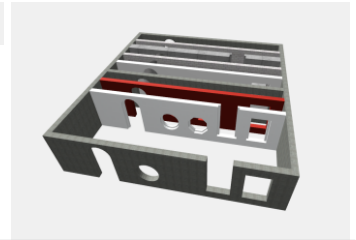
020 Placement		
020-2 Placement Relative	■	
150 Spatial Aggregation		
150-1 Spatial Composition	■	
150-2 Spatial Decomposition	■	
505 IfcSpace	company statement WallSlab 03 / 2x3	
010 Naming	■	
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid	■	
General	company statement WallSlab 03 / 2x3	
_G4 Remarks	■	

WallStandardCase 02A / 2x3



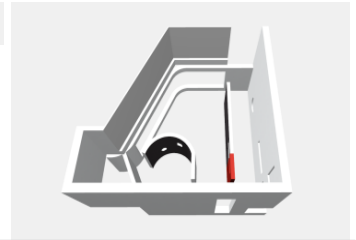
101 IfcWallStandardCase	company statement		WallStandardCase 02A / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-2 Geometry Axis		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
050 CAD Layer		■	
110 Connectivity			
110-2 Connectivity Path		■	
120 Spatial Containment		■	
200 Material			
200-4 Material Layer Usage		■	
210 Property Set			
210-1 Property Set IFC Common		■	
General	company statement		WallStandardCase 02A / 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	■	There is no testfile containing 070-1	
070-2 Voiding Geometry Explicit	■		
120 Spatial Containment	■		
General	company statement		WallStandardCase 03S / 2x3
_G4 Remarks	■		

WallStandardCase 04A / 2x3



101 IfcWallStandardCase	company statement		WallStandardCase 04A / 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	■		
070-3 Voiding Geometry Mapped	■	There is no testfile containing 070-3	
120 Spatial Containment	■		
General	company statement		WallStandardCase 04A / 2x3
_G4 Remarks	■		

Window 01 / 2x3



301 IfcWindow	company statement		Window 01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-5 Geometry Profile		■	
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
030-6-9 Geometry Mapped		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
080 Filling			
080-2 Is Filling		■	
120 Spatial Containment		■	
200 Material			
200-1 Single Material		■	
200-5 Material List		■	Colour is restricted.

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	There is no testfile containing it.
300-2 Type Naming	
300-3 Type Material	
300-5 Type Property Set	
300-6 Type Predefined Properties	
300-6-1 Type Predefined Properties Window	
General	company statement
_G4 Remarks	