Walls Information

Wall 0

(GUID: 3lLx0gNe59vvExhby0Bfew)

This wall type features a height of 3300 mm, is composed of various materials including plasterboard, wood, and insulated panels, has a length of approximately 6202 mm, and is categorized as room bounding within the project.

Property	Value
IfcGUID	3lLx0gNe59vvExhby0Bfew
Family and Type	WallType
ayer, SMaterials Timber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Concrete, Sand/Cement Screed
Unconnected Height	3300.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	6201.999999999788
Area	22.35498965607848
Volume	4.5157079105278415
Room Bounding	1
Category	Walls
Comments	None

Wall 1

(GUID: 3lLx0gNe59vvExhby0Bff1)

This wall type, with a height of 3000 mm and a length of approximately 4580 mm, consists of an interior plasterboard finish, a wood stud layer, and a timber insulated panel structure with insulation and OSB, topped with exterior timber cladding, and is room bounding.

Property	Value
IfcGUID	3lLx0gNe59vvExhby0Bff1
Family and Type	WallType
, StructureMaterialber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Finishes - Exterior - Timber Cladding
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 2, Elevation=3000)
Length	4579.999999999903
Area	6.0099677500018025
Volume	1.214013485500302
Room Bounding	1
Category	Walls
Comments	None

Wall 2

(GUID: 28i3i5WDD8Ju0YHnzXOzdu)

This wall type features a height of 3446 mm, constructed with a combination of plasterboard finishes, a wood stud layer, and timber insulated panels for insulation and OSB, capped with timber cladding on the exterior, and is room bounding with a total area of 21.47 m².

Property	Value
IfcGUID	28i3i5WDD8Ju0YHnzXOzdu
Family and Type	WallType
Structure, Materials	Timber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Finishes - Exterior - Timber Cladding
Unconnected Height	3446.220119452649
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Ceiling, Elevation=2700.00000000008)
Length	4660.999999999724
Area	21.47450816106849
Volume	4.33785064853583
Room Bounding	1
Category	Walls
Comments	None

Wall 3   (GUID: 1oPutv5ADAxgWEbAZbN6Wv)

This wall type features a height of approximately 2700 mm and a length of 3200 mm, constructed with an interior plasterboard finish, wood stud layer, and timber insulated panels, while also providing room bounding capabilities.

Property	Value
IfcGUID	1oPutv5ADAxgWEbAZbN6Wv
Family and Type	WallType
Structure, Materials	Timber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Finishes - Exterior - Timber Cladding
Unconnected Height	2699.9999999999627
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 2, Elevation=3000)
Length	3199.9999999999995
Area	8.639999999999883
Volume	1.745279999999977
Room Bounding	1
Category	Walls
Comments	None

Wall 4   (GUID: 1PDnLIM013wvkZO9Lb4$wc)

This wall type features a height of 2700 mm, is constructed with interior plasterboard finishes, a wood stud layer, and timber insulated panels with OSB and insulation, while clad with exterior timber, and spans a length of 3041 mm, making it room bounding.

Property	Value
IfcGUID	1PDnLIM013wvkZO9Lb4$wc
Family and Type	WallType
Structure, Materials	Timber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Finishes - Exterior - Timber Cladding
Unconnected Height	2700.000000000083
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Ceiling, Elevation=2700.00000000008)
Length	3041.0000000000005

Area	5.985299999999648
Volume	1.209030599999929
Room Bounding	1
Category	Walls
Comments	None

Wall 5 (GUID: 1PDnLIM013wvkZO9Lb4$j_)

A 2999.99 mm long wall type with an unconnected height of 5700 mm, constrained between Level 1 at elevation 0 and Roof Line at elevation 6000, serving as a room bounding element.

Property	Value
IfcGUID	1PDnLIM013wvkZO9Lb4$j_
Family and Type	WallType
Materials	
Unconnected Height	5700.0
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	2999.999999999948
Area	17.099999999999707
Room Bounding	1
Category	Walls
Comments	None

Wall 6 (GUID: 1PDnLIM013wvkZO9Lb4$GV)

This wall type features a height of 2700 mm, constructed with a wood stud layer and finished with gypsum wall board, with a total length of 3041 mm, area of approximately 5.99 m², and volume of 0.99 m³, serving as a room bounding element.

Property	Value
IfcGUID	1PDnLIM013wvkZO9Lb4$GV
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	2700.000000000083
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Ceiling, Elevation=2700.00000000008)
Length	3041.000000000002
Area	5.985299999999645
Volume	0.988173029999941
Room Bounding	1
Category	Walls
Comments	None

Wall 7 (GUID: 1$p8tACJ938vr1_IKOJJ0t)

This wall type, constructed with a wood stud layer and finished with gypsum wall board, has a length of 2558.45 mm, an unconnected height of 2700 mm, and is room bounding.

Property	Value
IfcGUID	1$p8tACJ938vr1_IKOJJ0t
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	2700.000000000083
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Ceiling, Elevation=2700.00000000008)
Length	2558.449999999908
Area	6.412229999999852
Volume	1.058659172999978
Room Bounding	1
Category	Walls
Comments	None

Wall 8

(GUID: 38NblWsDL1I8DljLvn67Sd)

This wall type, comprising finishes of interior plasterboard and exterior timber cladding, features a height of 3900 mm, spans 19822 mm in length, and is constructed with timber insulated panels, making it room bounding with a total area of 61.11 m² and a volume of 12.34 m³.

Property	Value
IfcGUID	38NblWsDL1I8DljLvn67Sd
Family and Type	WallType
, StructurMaterias ber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Finishes - Exterior - Timber Cladding
Unconnected Height	3900.000000000083
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Ceiling, Elevation=2700.00000000008)
Length	19821.99999999999
Area	61.10580000000165
Volume	12.343371600000307
Room Bounding	1
Category	Walls
Comments	None

Wall 9

(GUID: 38NblWsDL1I8DljLvn67bV)

A 33-meter tall wall composed of plasterboard finishes, wood stud layers, timber insulated panels with insulation and OSB, and a sand/cement screed, serving as a room bounding element between Level 2 and the Roof Line.

Property	Value
IfcGUID	38NblWsDL1I8DljLvn67bV
Family and Type	WallType
ayer, SMaterials Timber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Concrete, Sand/Cement Screed
Unconnected Height	3300.000000000086
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	19701.999999999996

Property	Value
Area	43.2000000000016
Volume	8.094845644640861
Room Bounding	1
Category	Walls
Comments	None

Wall 10

(GUID: 38NblWsDL1I8DljLvn67cw)

This wall type, constructed with a combination of plasterboard finishes, wood stud layers, and timber insulated panels, spans a length of 19,702 mm and has an unconnected height of 3,500 mm, making it suitable for room bounding applications between Level 2 at an elevation of 3,000 mm and the Roof Line at 6,000 mm.

Property	Value
IfcGUID	38NblWsDL1I8DljLvn67cw
Family and Type	WallType
Materials	ayer, SMaterials Timber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Concrete, Sand/Cement Screed
Unconnected Height	3500.0000000000005
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	19702.00000000002
Area	43.29570000000042
Volume	8.150024863221773
Room Bounding	1
Category	Walls
Comments	None

Wall 11

(GUID: 38NblWsDL1I8DljLvn67cE)

A 3000 mm high wall type with a length of approximately 6202 mm, located between Level 2 and the Roof Line, and designated as room bounding.

Property	Value
IfcGUID	38NblWsDL1I8DljLvn67cE
Family and Type	WallType
Materials	
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	6201.999999999786
Area	26.485096468274943
Room Bounding	1
Category	Walls
Comments	None

Wall 12

(GUID: 0lntrd6l1AGwfcnKJK5r28)

This wall type features a height of 3000 mm, constructed with wood stud layers and finished with gypsum wall board, spanning approximately 6202 mm in length, and is designed to be room bounding.

Property	Value
IfcGUID	0lntrd6l1AGwfcnKJK5r28
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	6201.999999999788
Area	24.805096468274936
Volume	2.9766115761929948
Room Bounding	1
Category	Walls
Comments	None

Wall 13

(GUID: 0lntrd6l1AGwfcnKJK5r3q)

This wall type, constructed with a wood stud layer and interior gypsum wall board finishes, features an unconnected height of 3000 mm, spans a length of 11380 mm, and is positioned between Level 2 and the Roof Line, making it room bounding.

Property	Value
IfcGUID	0lntrd6l1AGwfcnKJK5r3q
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	11380.000000000007
Area	40.01458201950363
Volume	4.468133060274527
Room Bounding	1
Category	Walls
Comments	None

Wall 14

(GUID: 0lntrd6l1AGwfcnKJK5q$g)

This wall type, constructed with a wood stud layer and finished with gypsum wall board, has an unconnected height of 3000 mm, spans approximately 2824 mm in length, and is located between Level 2 and the Roof Line, making it room bounding with an area of 13.03 m² and a volume of 1.56 m³.

Property	Value
IfcGUID	0lntrd6l1AGwfcnKJK5q$g
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)

Length	2823.999999999897
Area	13.025435742792085
Volume	1.5630522891350538
Room Bounding	1
Category	Walls
Comments	None

Wall 15

(GUID: 0lntrd6l1AGwfcnKJK5quT)

A 3000 mm high wood stud wall with gypsum wall board finishes, spanning 2880 mm in length and serving as a room bounding element.

Property	Value
IfcGUID	0lntrd6l1AGwfcnKJK5quT
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	2880.0
Area	12.819259192305262
Volume	1.5191937745218271
Room Bounding	1
Category	Walls
Comments	None

Wall 16

(GUID: 0lntrd6l1AGwfcnKJK5qv8)

This wall type features a height of 3000 mm, constructed with a wood stud layer and finished with gypsum wall board, spanning approximately 2157 mm in length, and is designed to be room bounding.

Property	Value
IfcGUID	0lntrd6l1AGwfcnKJK5qv8
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	2156.9999999998263
Area	6.645795311835126
Volume	0.7974954374202132
Room Bounding	1
Category	Walls
Comments	None

Wall 17

(GUID: 0lntrd6l1AGwfcnKJK5qmF)

This component is a wall type with a height of 3000 mm, constructed from a wood stud layer and finished with gypsum

wall board, spanning approximately 4661 mm in length and serving as a room bounding element between Level 2 and the Roof Line.

Property	Value
IfcGUID	0lntrd6l1AGwfcnKJK5qmF
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	4660.999999999722
Area	19.558993161068518
Volume	2.221804498328228
Room Bounding	1
Category	Walls
Comments	None

Wall 18   (GUID: 0NWseyvsH7_gBW225aGtuD)

A 3,500 mm high wall type made of CL concrete panels, spanning 9,628 mm in length, with an area of 24.78 m² and volume of 6.80 m³, situated between Level 1 and Level 2, and designated as room bounding.

Property	Value
IfcGUID	0NWseyvsH7_gBW225aGtuD
Family and Type	WallType
Materials	CL Concrete_ panels
Unconnected Height	3500.0000000000005
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 2, Elevation=3000)
Length	9628.06296013735
Area	24.781614728492166
Volume	6.801272563111698
Room Bounding	1
Category	Walls
Comments	

Wall 19   (GUID: 0NWseyvsH7_gBW225aGtwW)

A wall type constructed from CL concrete panels, with an unconnected height of 3500 mm, spanning a length of 21026 mm, and bounded between Level 1 and Level 2, occupying an area of 74.56 m² and a volume of 20.83 m³.

Property	Value
IfcGUID	0NWseyvsH7_gBW225aGtwW
Family and Type	WallType
Materials	CL Concrete_ panels
Unconnected Height	3500.0000000000005
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 2, Elevation=3000)

Length	21026.0160241332
Area	74.56369583215556
Volume	20.833247003954767
Room Bounding	1
Category	Walls
Comments	

Wall 20

This component is a wall type made of CL concrete panels with an unconnected height of 3500 mm, spanning a length of 15750 mm, and is room bounding, positioned between Level 1 at an elevation of 0 mm and Level 2 at an elevation of 3000 mm.

Property	Value
IfcGUID	0NWseyvsH7_gBW225aGtx$
Family and Type	WallType
Materials	CL Concrete_ panels
Unconnected Height	3500.0000000000005
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 2, Elevation=3000)
Length	15750.136126383872
Area	55.18357626384972
Volume	15.451401353877966
Room Bounding	1
Category	Walls
Comments	

Wall 21

This component is a cast-in-situ concrete wall type with a height of 3500 mm, spanning a length of 8946.55 mm, and is located between Level 1 and Level 2.

Property	Value
IfcGUID	0NWseyvsH7_gBW225aGtyM
Family and Type	WallType
Materials	Concrete, Cast In Situ
Unconnected Height	3500.0000000000005
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 2, Elevation=3000)
Length	8946.549314232816
Area	30.90224179151698
Volume	9.061987529618479
Room Bounding	1
Category	Walls
Comments	

Wall 22

A 3000mm high wood stud wall with gypsum wall board finishes, spanning 2440mm in length, categorized under Walls and designed as room bounding.

Property	Value
IfcGUID	1jq3WlaE92UPTHNxmrWm6f
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	2440.000000000008
Area	13.560271245453018
Volume	1.609869146034873
Room Bounding	1
Category	Walls
Comments	None

Wall 23   (GUID: 2MWqvKy9535viQk_YsG9eF)

A 3000 mm high wood stud wall with gypsum wall board finishes, spanning 1200 mm in length and serving as a room bounding element between Level 2 and the Roof Line.

Property	Value
IfcGUID	2MWqvKy9535viQk_YsG9eF
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	1200.0000000000114
Area	6.132334130744109
Volume	0.7275682137089425
Room Bounding	1
Category	Walls
Comments	None

Wall 24   (GUID: 2MWqvKy9535viQk_YsG9km)

This wall type, constructed with a wood stud layer and finished with gypsum wall board, has an unconnected height of 3000 mm, spans a length of 1020 mm, and is located between Level 2 and the Roof Line, making it room bounding.

Property	Value
IfcGUID	2MWqvKy9535viQk_YsG9km
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)

Length	1020.0000000000001
Area	4.984572879799174
Volume	0.5981487455759068
Room Bounding	1
Category	Walls
Comments	None

Wall 25 (GUID: 39NeMDaWPEh9g8$CxWwg0v)

A wall type component with a height of 3300 mm, constructed from multiple materials including plasterboard, timber insulated panels, and concrete, spanning a length of approximately 6202 mm, and serving as a room bounding element between Level 2 and the Roof Line.

Property	Value
IfcGUID	39NeMDaWPEh9g8$CxWwg0v
Family and Type	WallType
Materials	...ayer, Structure - Timber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Concrete, Sand/Cement Screed
Unconnected Height	3300.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	6201.999999999788
Area	5.91356954504015
Volume	1.1945410480981131
Room Bounding	1
Category	Walls
Comments	None

Wall 26 (GUID: 3_T6_Ndub6XO_ef59N4DQX)

A cast-in-situ concrete wall with a height of 3400 mm, length of approximately 7150 mm, and area of 25.33 m², located at Level 2 (elevation 3000 mm), designed to be room bounding.

Property	Value
IfcGUID	3_T6_Ndub6XO_ef59N4DQX
Family and Type	WallType
Materials	Concrete - Cast In Situ
Unconnected Height	3400.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Unconnected
Length	7149.999999999957
Area	25.329999999999856
Volume	7.598999999999954
Room Bounding	1
Category	Walls
Comments	None

Wall 27 (GUID: 3_T6_Ndub6XO_ef59N4DRY)

Concrete cast-in-situ wall type with an unconnected height of 3400 mm, length of 13702 mm, and volume of approximately 13.98 m³, located at Level 2 with elevation 3000 mm, and room bounding.

Property	Value
IfcGUID	3_T6_Ndub6XO_ef59N4DRY
Family and Type	WallType
Materials	Concrete - Cast In Situ
Unconnected Height	3400.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Unconnected
Length	13701.999999999995
Area	46.5868
Volume	13.976040000000053
Room Bounding	1
Category	Walls
Comments	None

Wall 28   (GUID: 3_T6_Ndub6XO_ef59N4DOF)

A cast-in-situ concrete wall type with an unconnected height of 3400 mm, length of approximately 4150 mm, and room bounding properties, located at Level 2 with an elevation of 3000 mm.

Property	Value
IfcGUID	3_T6_Ndub6XO_ef59N4DOF
Family and Type	WallType
Materials	Concrete - Cast In Situ
Unconnected Height	3400.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Unconnected
Length	4149.999999999954
Area	14.109999999999825
Volume	4.232999999999933
Room Bounding	1
Category	Walls
Comments	None

Wall 29   (GUID: 1RUi90wQT3ihQ$96bMNGiu)

A 1500 mm high wall of CL Concrete panels, with a length of 24690 mm, located at Level 1, and room bounding.

Property	Value
IfcGUID	1RUi90wQT3ihQ$96bMNGiu
Family and Type	WallType
Materials	CL Concrete_ panels
Unconnected Height	1500.0
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 1, Elevation=0)
Length	24690.000000000004

Area	36.61500000000001
Volume	10.25220000000001
Room Bounding	1
Category	Walls
Comments	None

Wall 30

(GUID: 1RUi90wQT3ihQ$96bMNGvH)

A 1500mm high wall type made of CL concrete panels, with a length of approximately 6723mm, located at Level 1, and is room bounding.

Property	Value
IfcGUID	1RUi90wQT3ihQ$96bMNGvH
Family and Type	WallType
Materials	CL Concrete_ panels
Unconnected Height	1500.0
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 1, Elevation=0)
Length	6722.75901146691
Area	9.754534302697172
Volume	2.6868917163002206
Room Bounding	1
Category	Walls
Comments	None

Wall 31

(GUID: 1RUi90wQT3ihQ$96bMNGrh)

This component is a wall type made of CL Concrete panels, measuring 18,449 mm in length and 1,500 mm in height, with a room bounding ability and a total volume of 7.7322 m³.

Property	Value
IfcGUID	1RUi90wQT3ihQ$96bMNGrh
Family and Type	WallType
Materials	CL Concrete_ panels
Unconnected Height	1500.0
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 1, Elevation=0)
Length	18449.000000000007
Area	27.615000000000002
Volume	7.7322
Room Bounding	1
Category	Walls
Comments	None

Wall 32

(GUID: 27lifGE4TF58A1JhY9194T)

This wall type features a height of approximately 5500 mm, is constructed with a combination of plasterboard finishes, timber stud layers, and insulated timber panels, and spans a length of 6202 mm, serving as a room bounding element

between the ceiling and Level 2.

Property	Value
IfcGUID	27lifGE4TF58A1JhY9194T
Family and Type	WallType
Materials	Timber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Finishes - Exterior - Timber Cladding
Unconnected Height	549.9999999998528
Base Constraint	Level(Name=Ceiling, Elevation=2700.00000000008)
Top Constraint	Level(Name=Level 2, Elevation=3000)
Length	6202.0
Area	3.300000000000001
Volume	0.6665999999999989
Room Bounding	1
Category	Walls
Comments	None

Wall 33   (GUID: 1LMg1ZkATBJwu7hODVWkYe)

A 6202 mm long wall type with an unconnected height of 2700 mm, constrained between Level 1 Living Room and Ceiling, designed to be room bounding.

Property	Value
IfcGUID	1LMg1ZkATBJwu7hODVWkYe
Family and Type	WallType
Materials	
Unconnected Height	2700.0000000001473
Base Constraint	Level(Name=Level 1 Living Rm., Elevation=-550)
Top Constraint	Level(Name=Ceiling, Elevation=2700.00000000008)
Length	6202.0
Area	16.20000000000001
Room Bounding	1
Category	Walls
Comments	None

Wall 34   (GUID: 3Yxgiuz3TDpeHhosGP5bD6)

A wall type with an unconnected height of 5700 mm, spanning a length of 1481 mm, and constrained between Level 1 and the Roof Line, designed to be room bounding.

Property	Value
IfcGUID	3Yxgiuz3TDpeHhosGP5bD6
Family and Type	WallType
Materials	
Unconnected Height	5700.0
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	1481.000000000001
Area	7.866000000000006

Room Bounding	1
Category	Walls
Comments	None

Wall 35

This wall type has an unconnected height of 2700 mm, spans a length of approximately 1481 mm, is room bounding, and is constrained between Level 2 at an elevation of 3000 mm and the Roof Line at 6000 mm.

Property	Value
IfcGUID	3Yxgiuz3TDpeHhosGP5b8q
Family and Type	WallType
Materials	
Unconnected Height	2700.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	1480.9999999998429
Area	3.725999999999576
Room Bounding	1
Category	Walls
Comments	None

Wall 36

A wall type with an unconnected height of 2700 mm, extending 3010 mm in length, located between Level 2 at 3000 mm elevation and the Roof Line at 6000 mm elevation, designed to be room bounding.

Property	Value
IfcGUID	3Yxgiuz3TDpeHhosGP5asn
Family and Type	WallType
Materials	
Unconnected Height	2700.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	3010.0000000000155
Area	7.854300000000043
Room Bounding	1
Category	Walls
Comments	None

Wall 37

A cast-in-situ concrete wall with a length of 10,240 mm and an unconnected height of 2,600 mm, constrained at Level 2 with an elevation of 3,000 mm.

Property	Value
IfcGUID	2WEjrPJHb8ux9RBvH$Iq0S
Family and Type	WallType
Materials	Concrete - Cast In Situ

Property	Value
Unconnected Height	2600.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Unconnected
Length	10240.0
Area	26.624000000000002
Volume	7.987199999999974
Room Bounding	0
Category	Walls
Comments	None

Wall 38

(GUID: 2WEjrPJHb8ux9RBvH$Iq3g)

This component is a cast-in-situ concrete wall type with an unconnected height of 2600 mm, a length of approximately 7226 mm, and located at Level 2 with an elevation of 3000 mm.

Property	Value
IfcGUID	2WEjrPJHb8ux9RBvH$Iq3g
Family and Type	WallType
Materials	Concrete - Cast In Situ
Unconnected Height	2600.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Unconnected
Length	7225.8475772933725
Area	20.632703515914624
Volume	5.987161110288806
Room Bounding	0
Category	Walls
Comments	None

Wall 39

(GUID: 2WEjrPJHb8ux9RBvH$IqPC)

This component is a 5000 mm long, 2600 mm high cast-in-situ concrete wall type, categorized under walls, with an area of 14.07 m² and a volume of 4.02 m³, situated at Level 2 with no top constraint.

Property	Value
IfcGUID	2WEjrPJHb8ux9RBvH$IqPC
Family and Type	WallType
Materials	Concrete - Cast In Situ
Unconnected Height	2600.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Unconnected
Length	5000.000000000002
Area	14.065499814951854
Volume	4.016999999999983
Room Bounding	0
Category	Walls
Comments	None

Wall 40

(GUID: 2WEjrPJHb8ux9RBvH$IqQR)

A cast-in-situ concrete wall type with a height of 2600 mm and a length of 5200 mm, located at Level 2 with no top constraint, and an area of approximately 13.42 m².

Property	Value
IfcGUID	2WEjrPJHb8ux9RBvH$IqQR
Family and Type	WallType
Materials	Concrete - Cast In Situ
Unconnected Height	2600.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Unconnected
Length	5200.000000000003
Area	13.415499814951872
Volume	3.8220000000000085
Room Bounding	0
Category	Walls
Comments	None

Wall 41

(GUID: 2WEjrPJHb8ux9RBvH$IqSV)

A cast-in-situ concrete wall type with an unconnected height of 2600 mm, a length of approximately 7096 mm, and a volume of 5.3 m³, positioned at Level 2 with an elevation of 3000 mm.

Property	Value
IfcGUID	2WEjrPJHb8ux9RBvH$IqSV
Family and Type	WallType
Materials	Concrete - Cast In Situ
Unconnected Height	2600.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Unconnected
Length	7095.7582800919745
Area	18.344471343191
Volume	5.300691458471727
Room Bounding	0
Category	Walls
Comments	None

Wall 42

(GUID: 38BWtPCUX0VgAKmmGnoLFm)

A cast-in-situ concrete wall with a length of 2839.99 mm, an unconnected height of 3100 mm, and constrained at Level 2 with an elevation of 3000 mm.

Property	Value
IfcGUID	38BWtPCUX0VgAKmmGnoLFm
Family and Type	WallType
Materials	Concrete - Cast In Situ
Unconnected Height	3100.0

Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Level 2, Elevation=3000)
Length	2839.9999999999995
Area	8.339000000000011
Volume	2.501699999999998
Room Bounding	0
Category	Walls
Comments	None

Wall 43   (GUID: 38BWtPCUX0VgAKmmGnoLCN)

This component is a cast-in-situ concrete wall type with an unconnected height of 3100 mm, constrained at Level 2 (elevation 3000 mm), measuring approximately 2840 mm in length and 8.34 m² in area.

Property	Value
IfcGUID	38BWtPCUX0VgAKmmGnoLCN
Family and Type	WallType
Materials	Concrete - Cast In Situ
Unconnected Height	3100.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Level 2, Elevation=3000)
Length	2839.999999999993
Area	8.338999999999993
Volume	2.5016999999999867
Room Bounding	0
Category	Walls
Comments	None

Wall 44   (GUID: 0nbT7BoYn1WRd0KTefRTuG)

A 3000 mm high wood stud wall with interior gypsum wall board finishes, measuring 2880 mm in length, designed to be room bounding and constrained between Level 2 and the Roof Line.

Property	Value
IfcGUID	0nbT7BoYn1WRd0KTefRTuG
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	2880.0
Area	13.668918239185466
Volume	1.6211528601474525
Room Bounding	1
Category	Walls
Comments	None

Wall 45

(GUID: 3rPRxvVIT7WRZKOFIc3wXL)

This wall type features a height of 2700 mm, a length of 4700 mm, and is constructed with interior plasterboard finishes, a wood stud layer, and timber insulated panels, making it suitable for room bounding applications.

Property	Value
IfcGUID	3rPRxvVIT7WRZKOFIc3wXL
Family and Type	WallType
Materials, Structure - Timber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Finishes - Exterior - Timber Cladding	
Unconnected Height	2700.000000000168
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 1, Elevation=0)
Length	4699.999999999875
Area	13.638900000000573
Volume	2.75505780000011
Room Bounding	1
Category	Walls
Comments	None

Wall 46

(GUID: 2OulbipBrAkwQNv_KJRUgr)

A wall type with a length of 11,899 mm and an unconnected height of 2,700 mm, constrained between Level 1 and Ceiling, and designated as room bounding.

Property	Value
IfcGUID	2OulbipBrAkwQNv_KJRUgr
Family and Type	WallType
Materials	
Unconnected Height	2700.000000000083
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Ceiling, Elevation=2700.00000000008)
Length	11899.000000000011
Area	31.854600000001007
Room Bounding	1
Category	Walls
Comments	None

Wall 47

(GUID: 2OulbipBrAkwQNv_KJRUYY)

A 6101 mm long wall type with an unconnected height of 2700 mm, constrained between Level 1 and the Ceiling, and is room bounding.

Property	Value
IfcGUID	2OulbipBrAkwQNv_KJRUYY
Family and Type	WallType
Materials	
Unconnected Height	2700.000000000083
Base Constraint	Level(Name=Level 1, Elevation=0)

Top Constraint	Level(Name=Ceiling, Elevation=2700.00000000008)
Length	6101.000000002227
Area	16.472700000006924
Room Bounding	1
Category	Walls
Comments	None

Wall 48   (GUID: 2OulbipBrAkwQNv_KJRV9c)

This wall type features a height of 3900mm, a length of 15202mm, and is composed of interior plasterboard finishes, a wood stud layer, insulation within a timber insulated panel, OSB, and exterior timber cladding, while serving as a room bounding element between Level 1 and Level 2.

Property	Value
IfcGUID	2OulbipBrAkwQNv_KJRV9c
Family and Type	WallType
Materials	, StructuMaterialsber Insulated Panel - Insulation, Structure - Timber Insulated Panel - OSB, Finishes - Exterior - Timber Cladding
Unconnected Height	3900.0000000002296
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 2, Elevation=3000)
Length	15202.000000000102
Area	42.75180000000411
Volume	8.635863600000832
Room Bounding	1
Category	Walls
Comments	None

Wall 49   (GUID: 2pfAHb2EL46hq_sMVbImEh)

A wall type composed of a wood stud layer and interior gypsum wall board finishes, with a height of 2700 mm, length of 1982.55 mm, and categorized as room bounding.

Property	Value
IfcGUID	2pfAHb2EL46hq_sMVbImEh
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	2700.000000000083
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Ceiling, Elevation=2700.00000000008)
Length	1982.5499999998158
Area	4.85729999999977
Volume	0.8019402299999638
Room Bounding	1
Category	Walls
Comments	None

Wall 50   (GUID: 2wm6PO6TX9IxXwLP21Hz10)

A wood-stud wall type with a height of 3000 mm, finished with gypsum wall board, spanning a length of approximately 1837 mm and located between Level 2 and the Roof Line, designed as room bounding.

Property	Value
IfcGUID	2wm6PO6TX9IxXwLP21Hz10
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	1836.9999999998263
Area	6.239816267066892
Volume	0.7487779520480253
Room Bounding	1
Category	Walls
Comments	None

Wall 51 (GUID: 2wm6PO6TX9IxXwLP21HynH)

A wood-stud wall type with an unconnected height of 3000 mm, finished with gypsum wall board, spanning 2504 mm in length and designed to be room bounding.

Property	Value
IfcGUID	2wm6PO6TX9IxXwLP21HynH
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)
Length	2503.9999999998977
Area	12.619456698023846
Volume	1.5143348037628557
Room Bounding	1
Category	Walls
Comments	None

Wall 52 (GUID: 2wm6PO6TX9IxXwLP21Hyl3)

A 3000 mm high wall type constructed with a wood stud layer and finished with gypsum wall board, measuring approximately 2495 mm in length, serving as a room bounding element between Level 2 and the Roof Line.

Property	Value
IfcGUID	2wm6PO6TX9IxXwLP21Hyl3
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	3000.0
Base Constraint	Level(Name=Level 2, Elevation=3000)
Top Constraint	Level(Name=Roof Line, Elevation=6000)

Length	2494.9000000000683
Area	10.097283290847207
Volume	1.2016017240732373
Room Bounding	1
Category	Walls
Comments	None

Wall 53 (GUID: 2hD3j_DmLBXxhCCy1gOWbj)

This wall type features a height of approximately 800 mm, constructed from a wood stud layer and finished with gypsum wall board, spanning nearly 3170 mm in length and designed to be room bounding between the foundation and Level 1.

Property	Value
IfcGUID	2hD3j_DmLBXxhCCy1gOWbj
Family and Type	WallType
Materials	Wood - Stud Layer, Finishes - Interior - Gypsum Wall Board
Unconnected Height	799.9999999999998
Base Constraint	Level(Name=Foundation, Elevation=-800)
Top Constraint	Level(Name=Level 1, Elevation=0)
Length	3160.999999999996
Area	2.3672000000000355
Volume	0.28406400000000376
Room Bounding	1
Category	Walls
Comments	None

Wall 54 (GUID: 2hD3j_DmLBXxhCCy1gOWRm)

A 3.3m high wall type constructed with a metal stud layer, air gap, and exterior timber cladding, spanning approximately 2.94m in length and designed to be room bounding.

Property	Value
IfcGUID	2hD3j_DmLBXxhCCy1gOWRm
Family and Type	WallType
Materials	Metal Stud Layer, Air, Finishes - Exterior - Timber Cladding
Unconnected Height	3300.0
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 2, Elevation=3000)
Length	2939.9999999999445
Area	9.368699999999937
Volume	2.6232359999999826
Room Bounding	1
Category	Walls
Comments	None

Wall 55 (GUID: 2hD3j_DmLBXxhCCy1gOWVy)

This wall type features an unconnected height of approximately 2700 mm, spans a length of 11800 mm, and is

categorized as a room-bounding wall between Level 1 and Level 2.

Property	Value
IfcGUID	2hD3j_DmLBXxhCCy1gOWVy
Family and Type	WallType
Materials	
Unconnected Height	2699.9999999999627
Base Constraint	Level(Name=Level 1, Elevation=0)
Top Constraint	Level(Name=Level 2, Elevation=3000)
Length	11800.0
Area	31.859999999999562
Room Bounding	1
Category	Walls
Comments	None