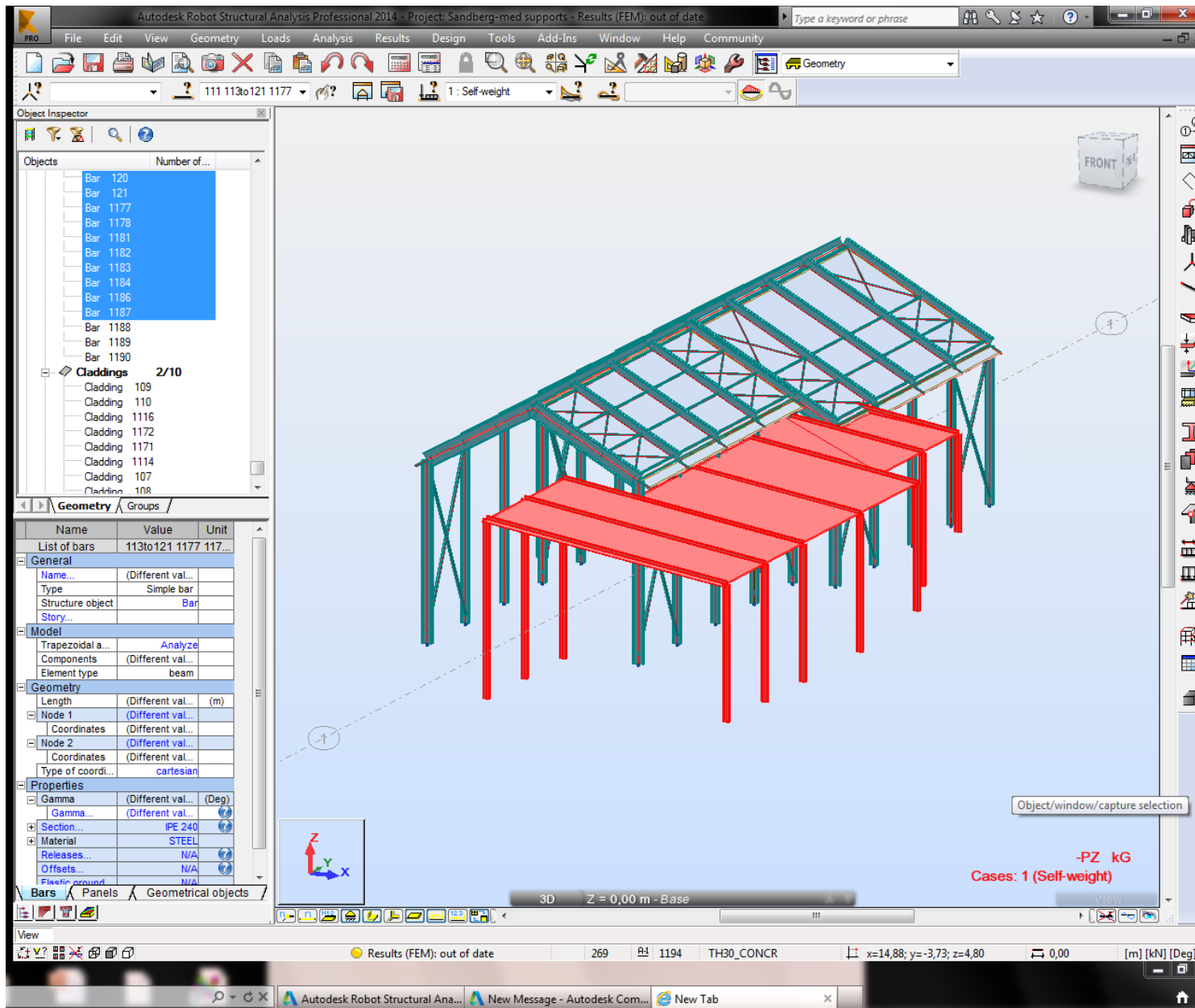


Note: The red highlighted structure will be wind and snow simulated according to Eurocode (NA: Finland / Snow load: 2.2 kN/m²). PRELIMINAR DRAWING.

The other to the left, higher & longer is an on old building made of wood.



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111 113to121 1177 1: Self-weight

Object Inspector

Objects	Number of...
Bar 120	
Bar 121	
Bar 1177	
Bar 1178	
Bar 1181	
Bar 1182	
Bar 1183	
Bar 1184	
Bar 1186	
Bar 1187	
Bar 1188	
Bar 1189	
Bar 1190	
Claddings 2/10	
Cladding 109	
Cladding 110	
Cladding 1116	
Cladding 1172	
Cladding 1171	
Cladding 1114	
Cladding 107	
Cladding 108	

Geometry Groups

Name	Value	Unit
List of bars	113to121 1177 117...	
General		
Name...	(Different val...	
Type	Simple bar	
Structure object	Bar	
Story...		
Model		
Trapezoidal a...	Analyze	
Components	(Different val...	
Element type	beam	
Geometry		
Length	(Different val...	(m)
Node 1	(Different val...	
Coordinates	(Different val...	
Node 2	(Different val...	
Coordinates	(Different val...	
Type of coordi...	cartesian	
Properties		
Gamma	(Different val...	(Deg)
Gamma...	(Different val...	
Section...	IPE 240	
Material	STEEL	
Releases...	N/A	
Offsets...	N/A	
Flange around	N/A	

Object/window/capture selection

FRONT

3D Z = 0,00 m - Base

-PZ kG
Cases: 1 (Self-weight)

View

Results (FEM): out of date 269 1194 IPE 240 x=14,88; y=-3,73; z=4,80 0,00 [m] [kN] [Deg]

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Geometry

1: Self-weight

Object Inspector

Objects

Objects	Number of...
Bar 120	
Bar 121	
Bar 1177	
Bar 1178	
Bar 1181	
Bar 1182	
Bar 1183	
Bar 1184	
Bar 1186	
Bar 1187	
Bar 1188	
Bar 1189	
Bar 1190	
Claddings 2/10	
Cladding 109	
Cladding 110	
Cladding 1116	
Cladding 1172	
Cladding 1171	
Cladding 1114	
Cladding 107	
Cladding 108	

Geometry Groups

Name	Value	Unit
List of bars	113to121 1177 117...	
General		
Name...	(Different val...	
Type	Simple bar	
Structure object	Bar	
Story...		
Model		
Trapezoidal a...	Analyze	
Components	(Different val...	
Element type	beam	
Geometry		
Length	(Different val...	(m)
Node 1	(Different val...	
Coordinates	(Different val...	
Node 2	(Different val...	
Coordinates	(Different val...	
Type of coordi...	cartesian	
Properties		
Gamma	(Different val...	(Deg)
Gamma...	(Different val...	
Section...	IPE 240	
Material	STEEL	
Releases...	N/A	
Offsets...	N/A	
Elastic around	N/A	

3D Z = 0,00 m - Base

Object/window/capture selection

Cases: 1 (Self-weight)

-PZ KG

View

Results (FEM): out of date 269 A1 1194 IPE 240 x=10,17; y=0,00; z=5,58 0,00 [m] [kN] [Deg]

Autodesk Robot Structural Analysis Professional 2014 - Project: Sandberg-med supports - Results (FEM): out of date

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111 113to121 1177 1: Self-weight

Object Inspector

Objects	Number of...
Bar 120	
Bar 121	
Bar 1177	
Bar 1178	
Bar 1181	
Bar 1182	
Bar 1183	
Bar 1184	
Bar 1186	
Bar 1187	
Bar 1188	
Bar 1189	
Bar 1190	
Claddings 2/10	
Cladding 109	
Cladding 110	
Cladding 1116	
Cladding 1172	
Cladding 1171	
Cladding 1114	
Cladding 107	
Cladding 108	

Geometry Groups

Name	Value	Unit
List of bars	113to121 1177 117...	
General		
Name...	(Different val...	
Type	Simple bar	
Structure object	Bar	
Story...		
Model		
Trapezoidal a...	Analyze	
Components	(Different val...	
Element type	beam	
Geometry		
Length	(Different val...	(m)
Node 1		
Coordinates	(Different val...	
Node 2		
Coordinates	(Different val...	
Type of coordi...	cartesian	
Properties		
Gamma		
Gamma...	(Different val...	(Deg)
Section...	IPE 240	
Material	STEEL	
Releases...	N/A	
Offsets...	N/A	
Elastic ground	N/A	

Object/window/capture selection

3D Z = 0,00 m - Base

-PZ kG
Cases: 1 (Self-weight)

View

Results (FEM): out of date 269 1194 TH30_CONCR x=9,90; y=28,66; z=2,65 0,00 [m] [kN] [Deg]