



We are a company of engineers, consultants, and technical specialists offering multidisciplinary professional services



TEQUM Sp. z o.o. offers a wide range of services in the field of civil engineering

and consulting. We perform the full scope of design in all engineering disciplines:

structure, **HVAC**, **electrical**, **low voltage** etc., for different types of buildings.

We guarantee optimal and modern design solutions and professional design documentation, delivered on time, which will enable your company a successful realization of the investment.

Quality (Q in our logo) is the key factor of our activity.







RETAIL REFERENCE PROJECTS





2015 – 2017 CH Janki - Extension Location: Warszawa, Poland

Size: 80 000 m2

Engineering service: complete engineering design

Scope: concept, building permit, tender design, veification of GC execution design

Architects: IMB Asymetria Architects
Cient: VALAD Poland Sp. z o.o. / Apsys

Status: in progress











2014 - 2016 Galeria Handlowa - NOWA STACJA - Pruszków

Location: Warszawa, Poland Size: 26 000 m2 GLA

Engineering service: complete engineering design

Scope: concept, building permit, tender design, author's supervision.

Architects: IMB Asymetria
Cient: ECC Real Estate
Status: in progress







2012 – 2015 Galeria Wroclavia
Location: Wroclaw, Poland
Size: 198 000 m2

Engineering service: complete engineering design,

Scope: concept, building permit, tender and execution design, author's supervision,

A360 for General Contractor Services

Architects: IMB Asymetria Architects

Client: Unibail Rodamco
Status: in progress









2013 - 2014 Galeria Navigator

Location: Mielec, Poland Size: 35 000 m2

Engineering service: complete engineering design, concept, building permit design

Architects: SOON Architects
Client: Rank Progress









Location: Olsztyn, Poland Size: 116 500 m2

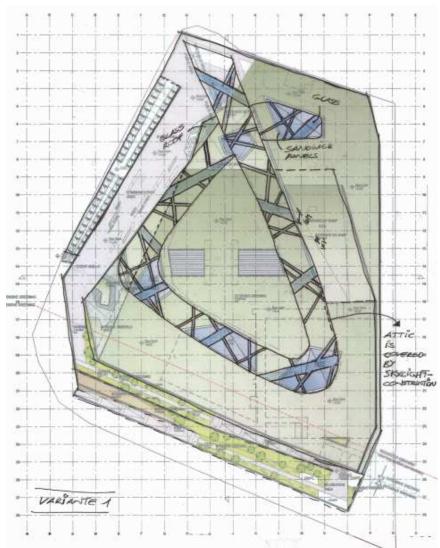
Engineering service: complete engineering design

Scope: concept, building permit, tender, execution design, author's supervision

Kuryłowicz & Associates Architecture Studio Architects: Client: Libra Project

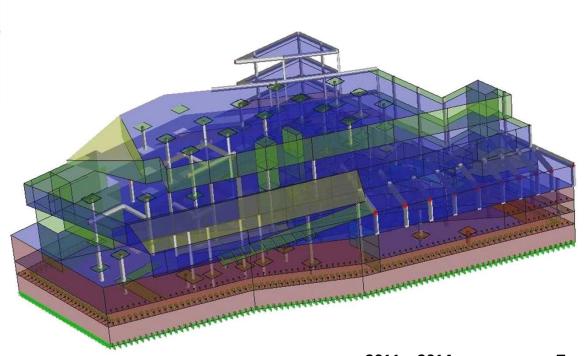


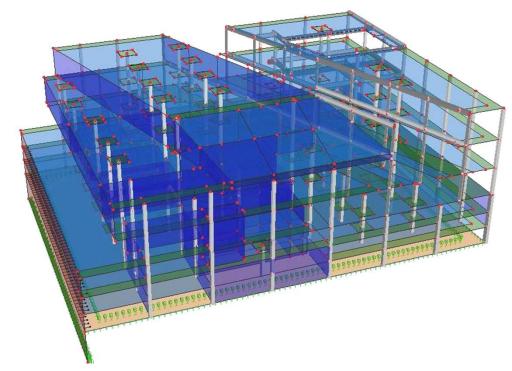












2011 – 2014 Tarasy Zamkowe

Location: Lublin, Poland Size: 115 000 m2

Engineering service: complete engineering design

Scope: tender design documentation, verification of GC execution design

Architects: Stelmach & Partners, ATP Wien

Client: Immofinanz AG







2012 Centrum Galardia Location: Starachowice, Poland

Size: 45 000 m2

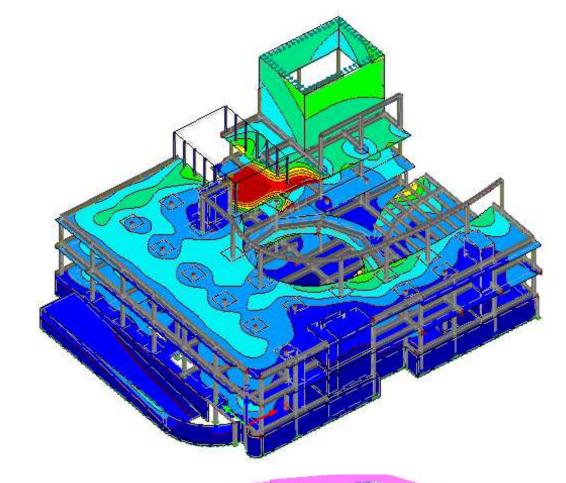
Engineering service: complete engineering design

Scope: concept design, building permit and tender, verification of GC execution design, supervision

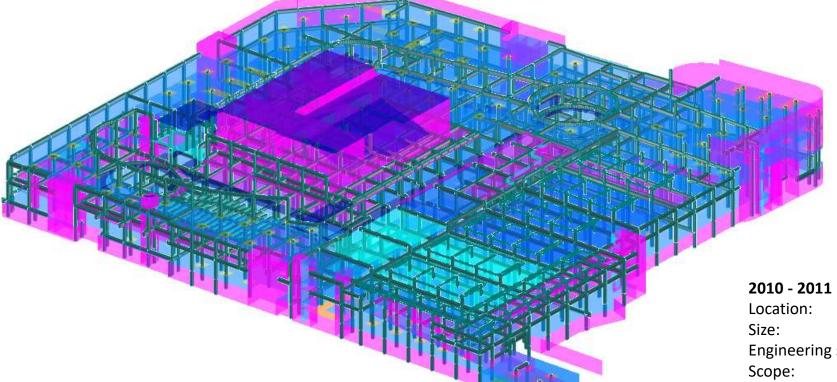
Architects: IMB Asymetria

Client: Balmain Asset Management









2010 - 2011Galeria AmberLocation:Kalisz, PolandSize:84 000 m2

Engineering service: complete engineering design
Scope: concept, building permit and tender

Architects: Concept: Bose International

Building permit&tender: Artur Jasiński i Wspólnicy Biuro Architektoniczne Sp. z o.o.

Client: Echo Investment S.A.









2010 - 2011 Auchan - Galeria Bronowice

Location: Kraków, Poland Size: 135 000 m2

Engineering service: complete engineering design

Scope: concept, building permit and tender
Architects: Concept: Bose International

Concept: Bose International Building permit & tender: BRK S.A.

Client: Auchan, Immochan









2010 - 2011 Futura Park / Factory Outlet

Location: Modlniczka, Poland

Size: 85 000 m2

Engineering service: complete engineering design, infrastructure

Scope: execution, design
Architects: IMB Asymetria

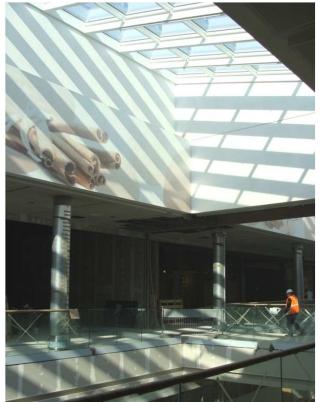
Client: Hochtief S.A. / Neinver





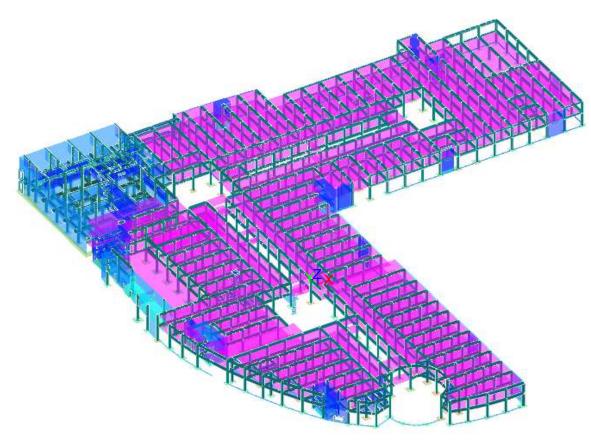














2010 - 2011Galeria PlazaLocation:Toruń, PolandSize:85 000 m2Engineering service:structuresScope:execution designArchitects:IMB Asymetria

Client: Plaza Centers Status: built



agata MEBLE

COMMERCIAL REFERENCE PROJECTS

2009 - 2012 Agata furniture store

Location: Kraków, Poland Size: 20 500 m2

Engineering service: complete engineering design

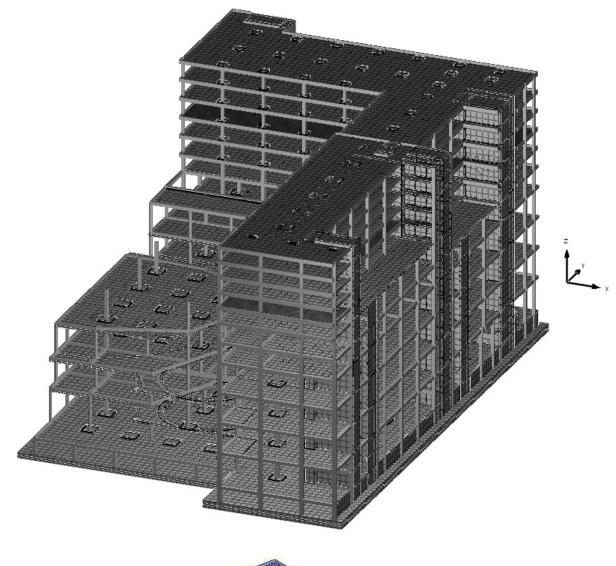
Scope: concept, building permit, execution, supervision

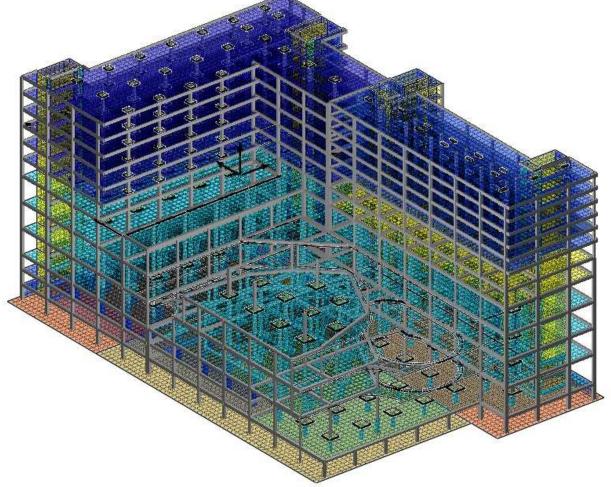
Architects: IMB Asymetria
Client: Agata Meble













2008 - 2010 Business Center Sukcesja

Location: Łódź, Poland

Size: 165 000 m2, shopping center + hotel + office building

Engineering service: complete engineering design, infrastructure

Scope: concept and building permit

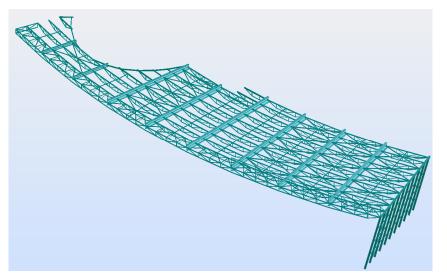
Architects: Hermanowicz Rewski Architects

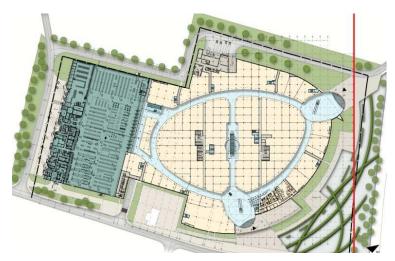
Client: Fabryka Biznesu Status: completed

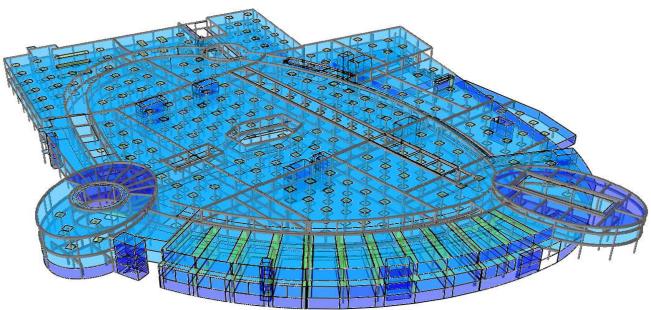












2008 - 2009 Galeria Sądecka Nowy Sącz, Poland Location: 110 000 m2

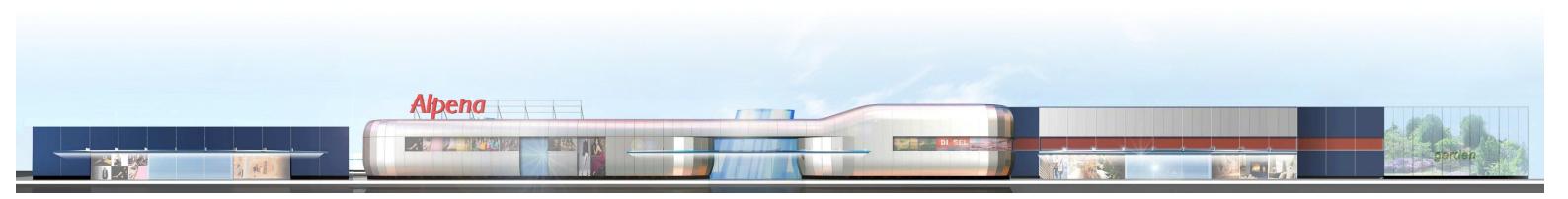
Size:

complete engineering design, infrastructure Engineering service:

building permit, tender Scope:

Architects: IMB Asymetria Newag S.A. Client: Status: completed







2008 - 2009Location:
Galeria Alpena
Nowy Sącz, Poland

Size: 45 000 m2

Engineering service: complete engineering design, infrastructure

Scope: concept and building permit,

Architects: IMB Asymetria
Client: Sandbanks
Status: completed

BIM space

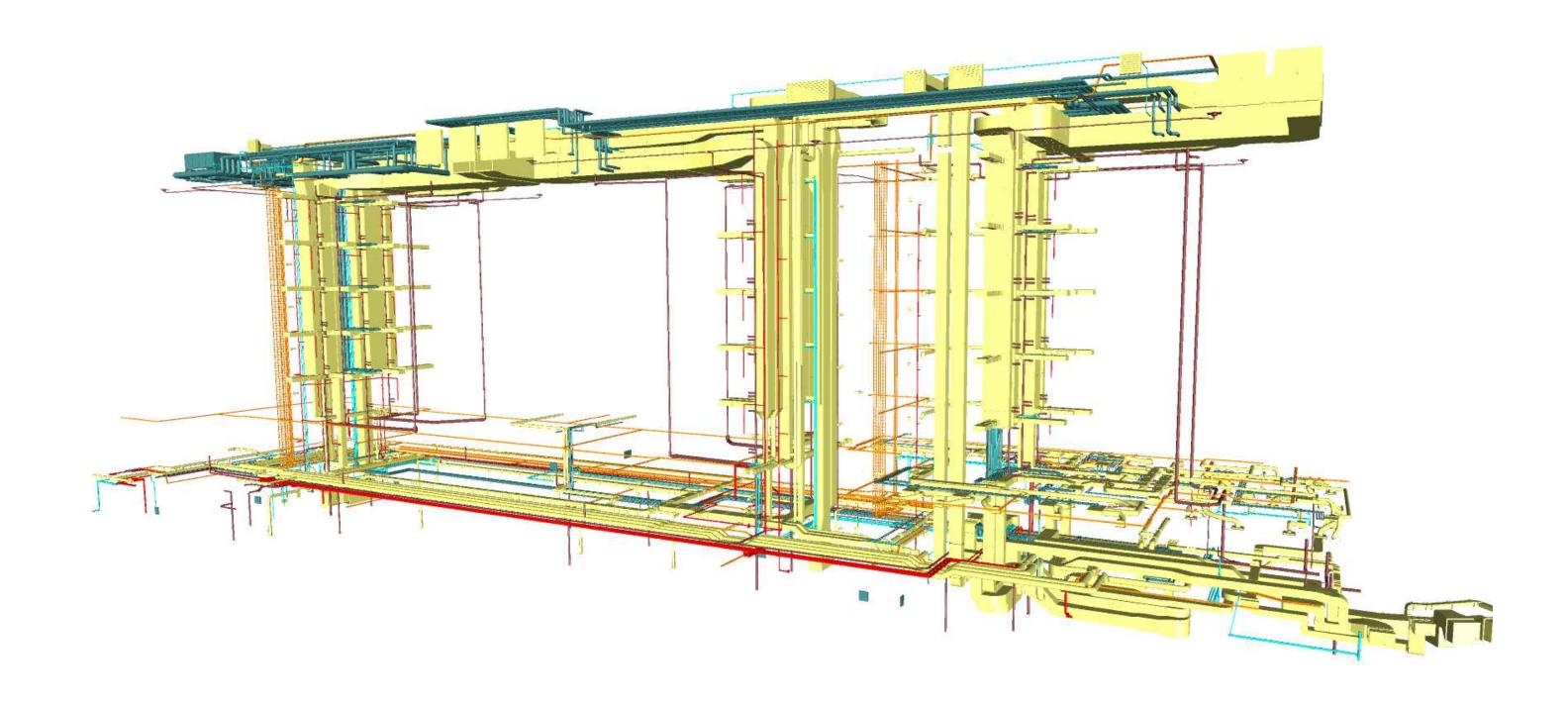
- 3d Modelilng Structure, MEP
- Multi-discipline Coordination
- Material Takeoff
- Openings Coordination
- BIM MES model export/import
- Timeline Schedule,
- RevitServer cooperation and coordination in real-time
- Clash Detection
- A360 Model 3d On Site



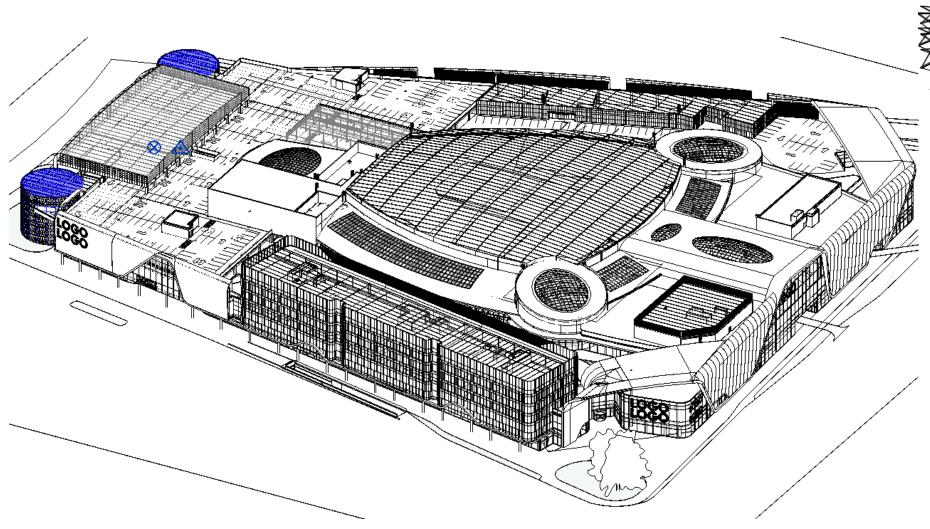
BIM Development Scale

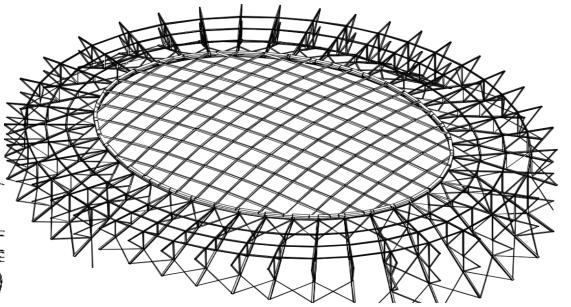
- LOD 100 The model element may be graphically represented in the model with a symbol or other generic representation, but does not satisfy the requirements for LOD 200. Information related to the model element (i.e., cost/sf, tonnage of HVAC, etc.) can be derived from other model elements.
- LOD 200 The model element is graphically represented within the model as a generic system, object, or assembly with approximate quantities, size, shape, location, and orientation. Nongraphic information may also be attached to the model element.
- LOD 300 The model element is graphically represented within the model as a specific system, object, or assembly in terms of quantity, size, shape, location, and orientation. Non-graphic information may also be attached to the model element.
- LOD 350 The model element is graphically represented within the model as a specific system, object, or assembly in terms of quantity, size, shape, orientation, and interfaces with other building systems. Nongraphic information may also be attached to the model element.
- LOD 400 The model element is graphically represented within the model as a specific system, object, or assembly in terms of size, shape, location, quantity, and orientation with detailing, fabrication, assembly, and installation information. Nongraphic information may also be attached to the model element.

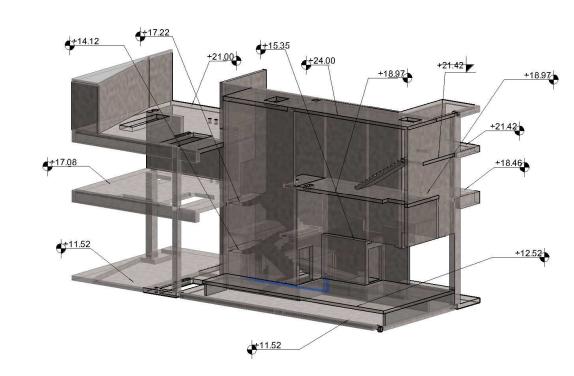
Model 3d – MEP



• Model 3d – Structure

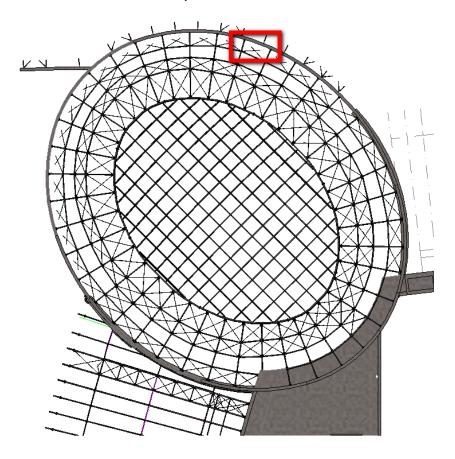






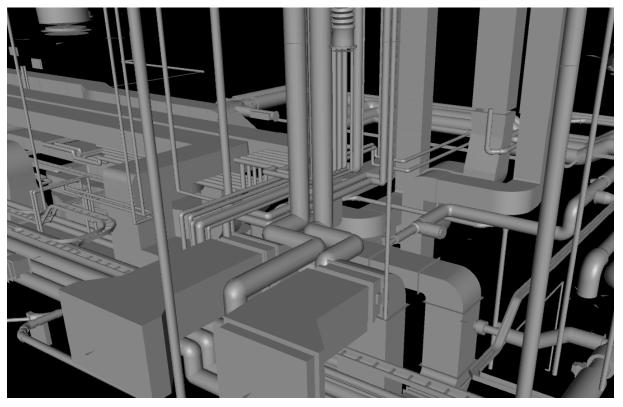


Model 3d – Multi-dicipline coordination



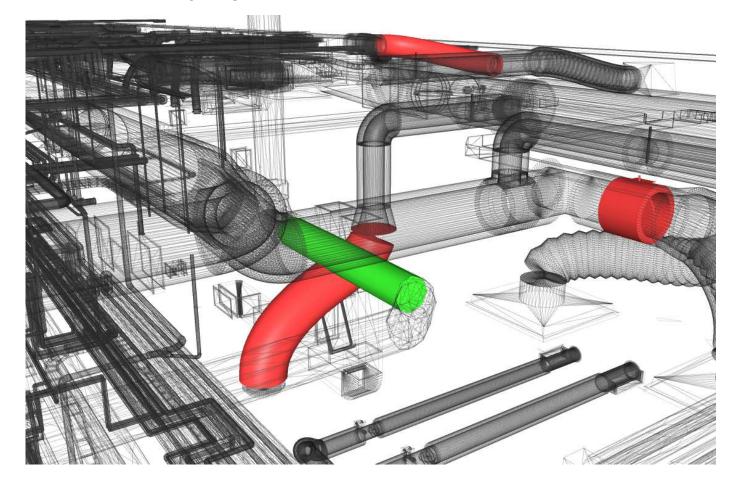


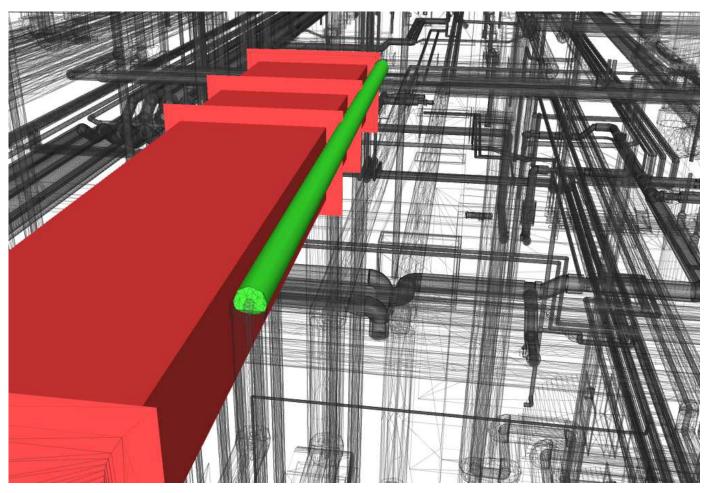






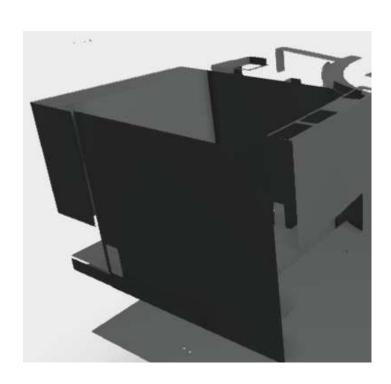
Model 3d – Clash Detection

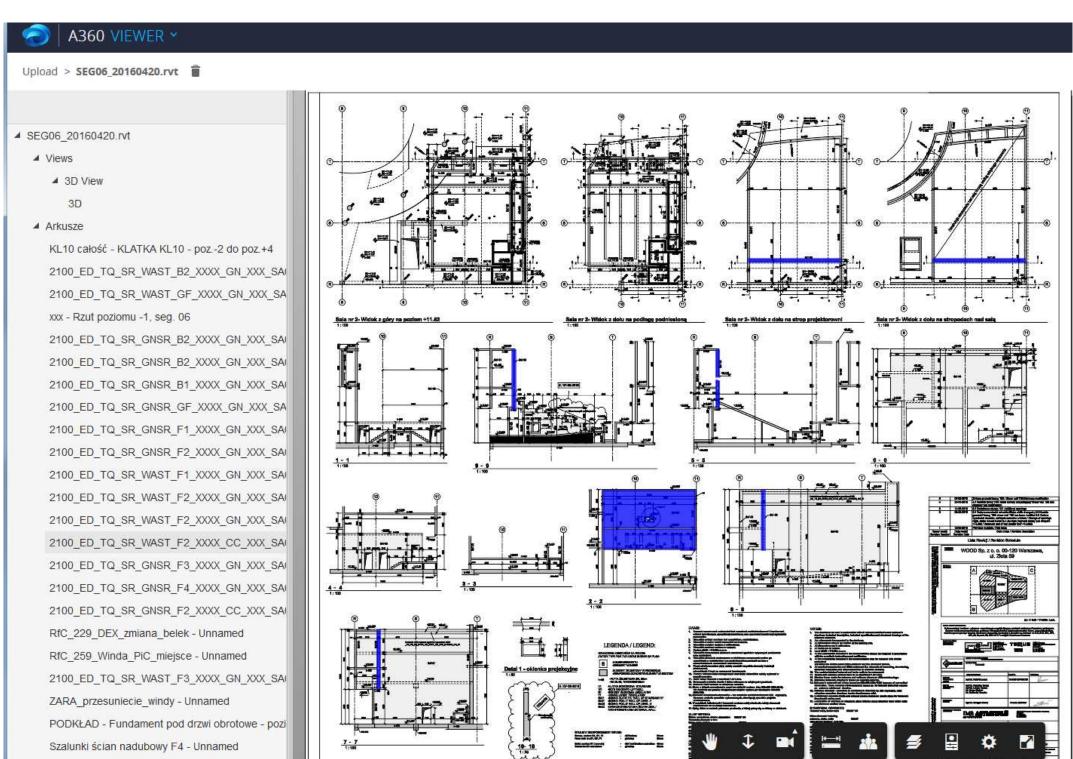




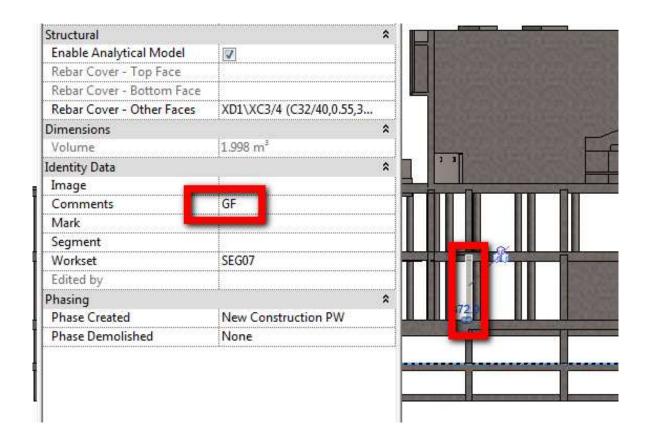


Model 3d – Model on Site using A360





Model 3d – Material Takeoff



Modify Schedule/Quantities

<Each Beams-above B1>

Α	В	С	D	E	F	G	Н	I	J	K
Beam cross	Comments	Count	height belo	Beam	Beam wid	Length	Volume - Revit	Volume - calculate	Volume_below_sla	Estimated volume_
300x800	above B1	1	550	800	300	1890	0.24 m³	0.45 m³	0.31 m³	0.10 m ³
300x800	above B1	1	550	800	300	1890	0.24 m³	0.45 m³	0.31 m³	0.10 m³
420x800	above B1	1	550	800	420	64100	13.55 m³	21.54 m³	14.81 m³	0.14 m³
600x600	above B1	1	350	600	600	8100	1.58 m³	2.92 m³	1.70 m³	0.13 m³
600x800	above B1	1	550	800	600	8100	2.29 m³	3.89 m³	2.67 m³	0.20 m³
600x800	above B1	1	550	800	600	8100	2.36 m³	3.89 m³	2.67 m³	0.20 m³
600x800	above B1	1	550	800	600	5519	1.95 m³	2.65 m³	1.82 m³	0.20 m³
600x800	above B1	1	550	800	600	8100	2.44 m³	3.89 m³	2.67 m³	0.20 m³
600x800	above B1	1	550	800	600	8100	2.44 m³	3.89 m³	2.67 m³	0.20 m³
600x800	above B1	1	550	800	600	7780	2.31 m³	3.73 m³	2.57 m³	0.20 m³
600x800	above B1	1	550	800	600	7780	2.30 m³	3.73 m³	2.57 m³	0.20 m³
600x800	above B1	1	550	800	600	7780	2.31 m³	3.73 m³	2.57 m³	0.20 m³
600x800	above B1	1	550	800	600	8100	2.44 m³	3.89 m³	2.67 m³	0.20 m³
600x800	above B1	1	550	800	600	8100	2.44 m³	3.89 m³	2.67 m³	0.20 m³
ennenn	ahawa D4		EEO	onn	con	OCAE	2.643	4 4E3	2 OF3	0.203



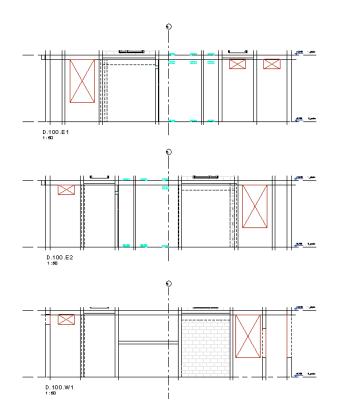
BIM IN OUR DESIGN

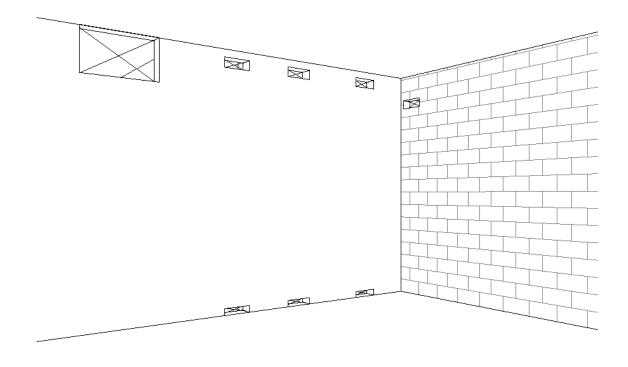


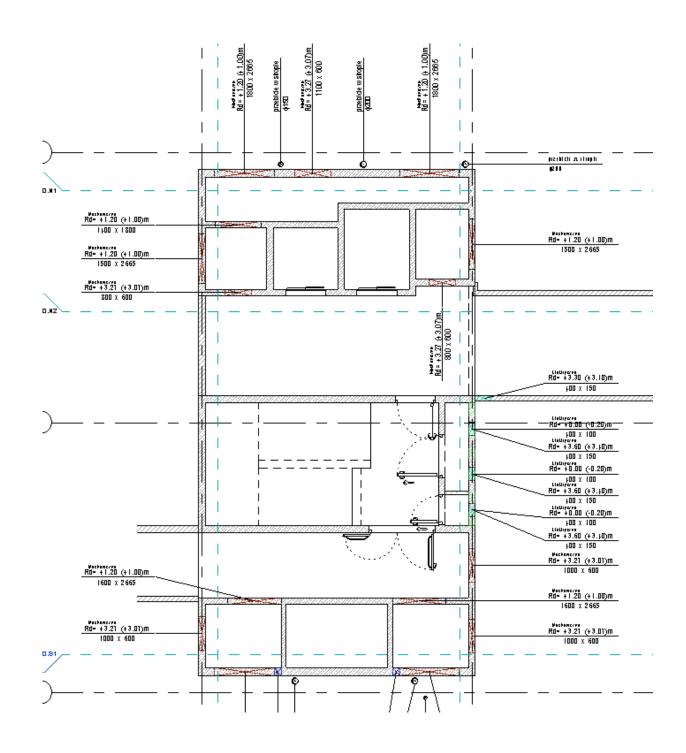
TEUI I CONSULTING ENGINEERS

BIM IN OUR DESIGN

Model 3d – Openings coordination









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