



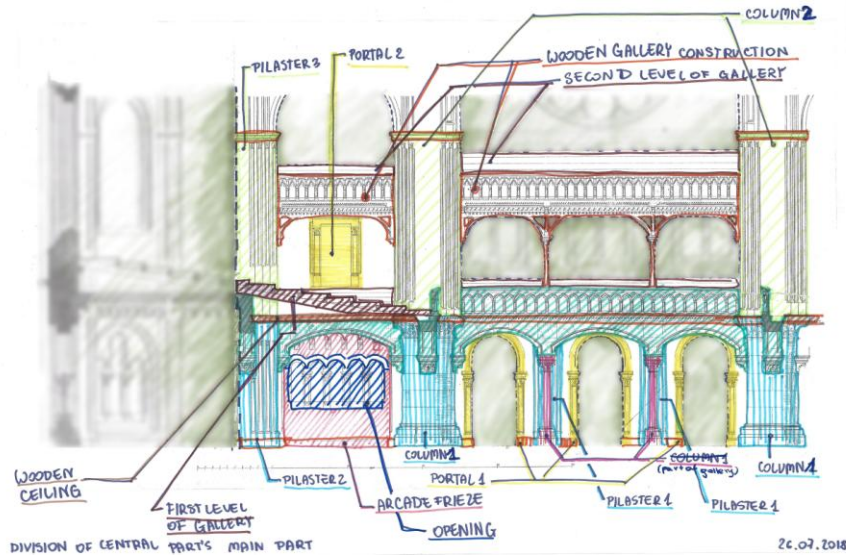
TECHNIK
HOCHSCHULE MAINZ
UNIVERSITY OF
APPLIED SCIENCES

Changes in semantical division of Synagoge am Anger

Changes in semantical division of CPMP (central part main part)

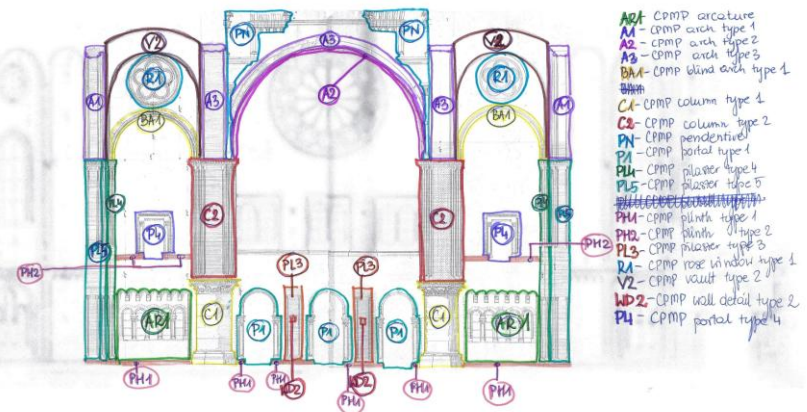
Changes in interior objects

Cross section to the west



OLD DIVISION

Source: Stadtarchiv Hannover, Nachlaß Oppler, Mappe 60, Blatt 16.



FURTHER DIVISION OF CENTRAL PART MAIN PART (CMP)
Cross section to the west view
26.08.2018

NEW DIVISION

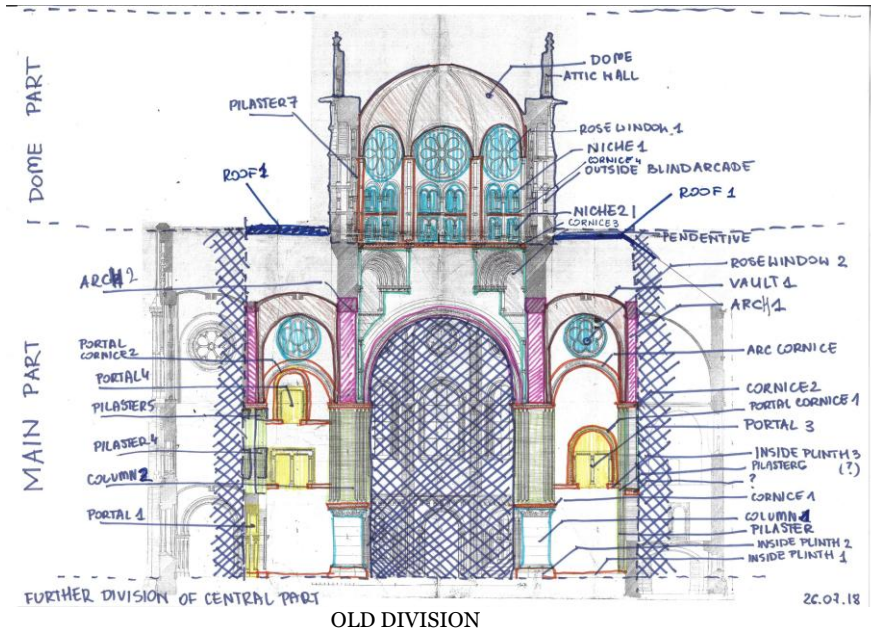
Source: Stadtarchiv Hannover, Nachlaß Oppler, Mappe 60, Blatt 14.

- 1) Gallery is part of equipment, so new division doesn't contain it.
- 2) Cornices on top of column and pilasters are part of them, they are not separate elements
- 3) Arcade frieze and opening are one element – arcature
- 4) Order of object was different in modeling process:
 - Portal 2 is now Portal type 4;
 - Pilaster 1 is now Pilaster type 3;
 - Pilaster 2 and 3 don't have horizontal division and they are Pilaster type 4 and Pilaster type 5 with vertical division
- 5) There are a lot of new objects, which were missed in first division



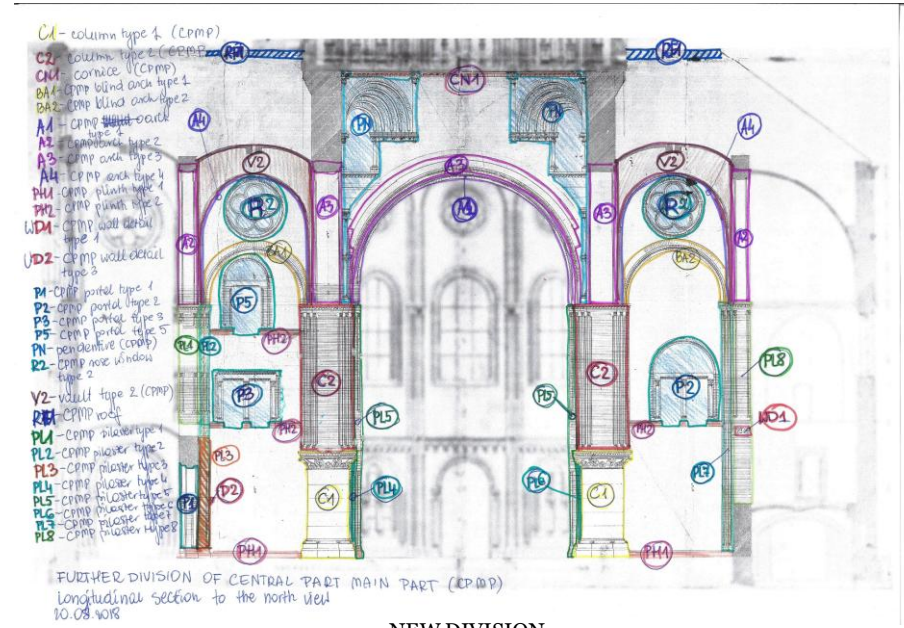
Changes in interior objects

Longitudinal section to the north



OLD DIVISION

Source: Stadtarchiv Hannover, Nachlaß Oppler, Mappe 60, Blatt 15.



NEW DIVISION

Source: Stadtarchiv Hannover, Nachlaß Oppler, Mappe 60, Blatt 15.

1) Some elements were created now as one object:

- inside plinth 1, column 1 and cornice 1 are now column type 1
- column 2 and cornice are now column type 2
- inside plinth 3 portal cornice 1 and portal 3 are now portal type 2
- portal cornice 2 and portal 4 are now portal type 5

2) Changes in names of elements

- arc cornice is now blind arch
- inside plinth 1 is now plinth type 1

3) New elements, which were missed in first division

- portal type 3
- wall detail type 1
- Pilaster type 8

4) Different order of elements:

- portal 3 is now portal type 2
- portal 4 is now portal type 5
- vault 1 is now vault type 2
- pilaster 6 is now pilaster type 7
- arch 1 is now arch type 2
- arch 2 is now arch type 3

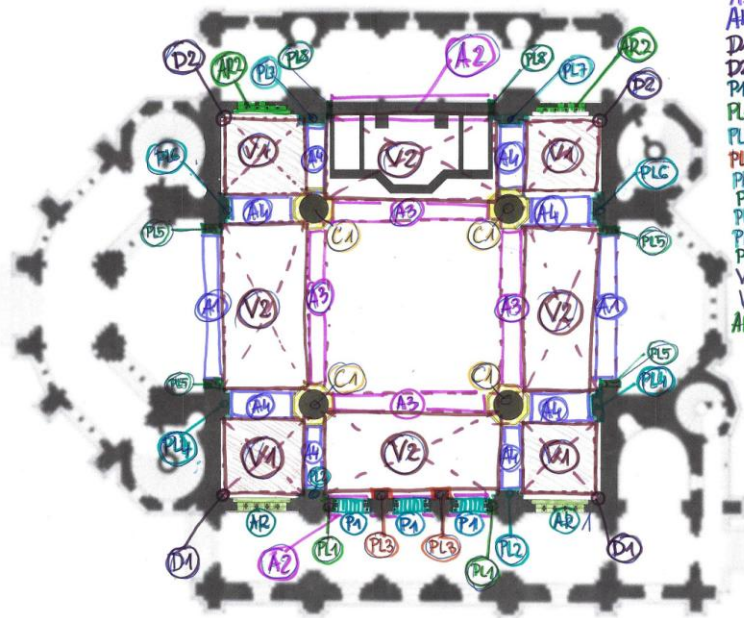
5) Different division of elements

- Pilaster 4 and 5 are not just columns, they are parts of elements pilaster type 1 and pilaster type 2



Changes in interior objects

Longitudinal section to the north



AR1 - CMP arcature type 1
A1 - CMP arch type 1
A2 - CMP arch type 2
A3 - CMP arch type 3
A4 - CMP arch type 4
D1 - CMP dossier type 1
D2 - CMP dossier type 2
P1 - CMP portal type 1
P2 - CMP pilaster type 1
P3 - CMP pilaster type 2
P4 - CMP pilaster type 3
P5 - CMP pilaster type 4
P6 - CMP pilaster type 5
P7 - CMP pilaster type 6
P8 - CMP pilaster type 7
P9 - CMP pilaster type 8
V1 - CMP vault type 1
V2 - CMP vault type 2
AR2 - CMP arcature type 2

Old division based only on sections and some elements were appeared while process of modeling. These objects were marked on a plan. Here is a list of new elements:

- 1) arcature type 2
- 2) dossier type 1
- 3) dossier type 2
- 4) pilaster type 6
- 5) pilaster type 7
- 6) pilaster type 8
- 7) vault type 2

FURTHER DIVISION OF CENTRAL PART MAIN PART (CMP)
Ground plan of the second concept.
10.08.2018

NEW DIVISION

Source: Stadtarchiv Hannover, Nachlaß Oppler, Mappe 60, Blatt 09.



External objects

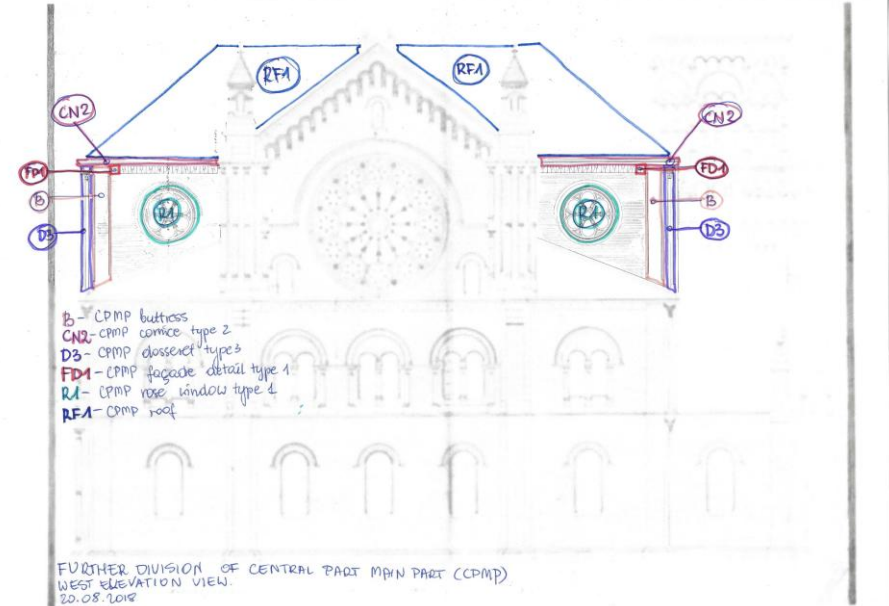
Western and eastern elevation



FURTHER DIVISION OF CENTRAL PART MAIN PART (CMP)
East elevation view.
20.08.2018

NEW DIVISION
Eastern elevation

Source: Stadtarchiv Hannover, Nachlaß Oppler, Mappe 60, Blatt 11.



FURTHER DIVISION OF CENTRAL PART MAIN PART (CMP)
West elevation view.
20.08.2018

NEW DIVISION
Western elevation

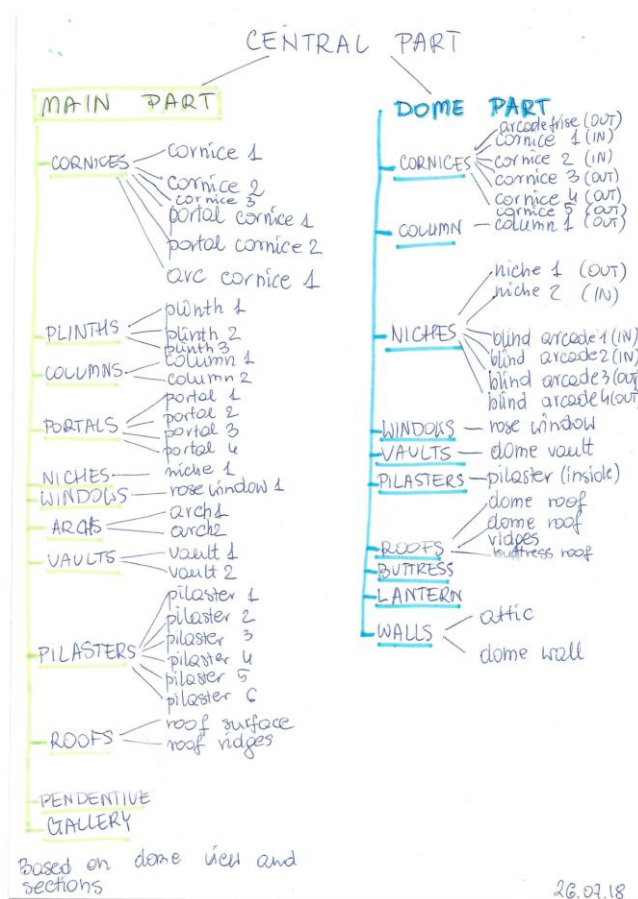
Source: Stadtarchiv Hannover, Nachlaß Oppler, Mappe 60, Blatt 12.

Current model doesn't contain outside elements and that's why they weren't in first division. Here is a list of new objects from outside:

- 1) buttress
- 2) cornice type 2
- 3) dossier type 3
- 4) façade detail type 1
- 5) façade detail type 2

CPMP semantical division

List of objects - comparison



OLD SEMANTICAL DIVISION

CENTRAL PART MAIN PART (CPMP)

WINDOWS	rose window type 1 rose window type 2	DOSSERETS	dossieret type 1 dossieret type 2 dossieret type 3
CORNICES	cornice type 1 cornice type 2	ARCATURES	arcature type 1 arcature type 2
PORTALS	portal type 1 portal type 2 portal type 3 portal type 4 portal type 5	buttress	
COLUMNS	column type 1 column type 2	FAÇADE DETAILS	façade detail type 1 façade detail type 2
PLINTHS	plinth type 1 plinth type 2		
VAULTS	vault type 1 vault type 2		
ARCHES	arch type 1 arch type 2 arch type 3 arch type 4		
BLIND ARCHES	blind arch type 1 blind arch type 2		
WALL DETAILS	wall detail type 1 wall detail type 2		
	roof		
	pendentive		
	pilaster type 1 pilaster type 2 pilaster type 3 pilaster type 4 pilaster type 5 pilaster type 6 pilaster type 7 pilaster type 8		
PILASTERS			

NEW SEMANTICAL DIVISION

Changes in semantical division of WPMP (western part main part)

Old division is a first trial of dividing WPMP (western part main part), that was based on only one drawing, some time before the beginning of the process of 3d reconstructing of the Synagogue. During the 3d reconstruction and further analysis of historical sources, the need of distinguishing more objects appeared, so the **new division** was made.

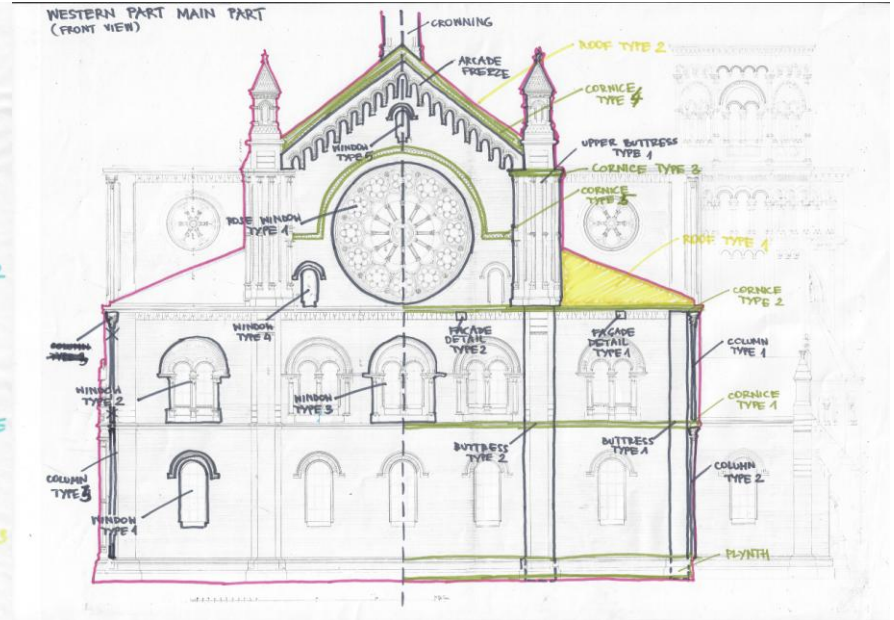
Changes in semantical division

Old division vs new division



OLD DIVISION

Western elevation, source: Muzeum Architektury we Wrocławiu, Archiwum Budowlane Miasta Wrocławia (TP 246 syg 6122)



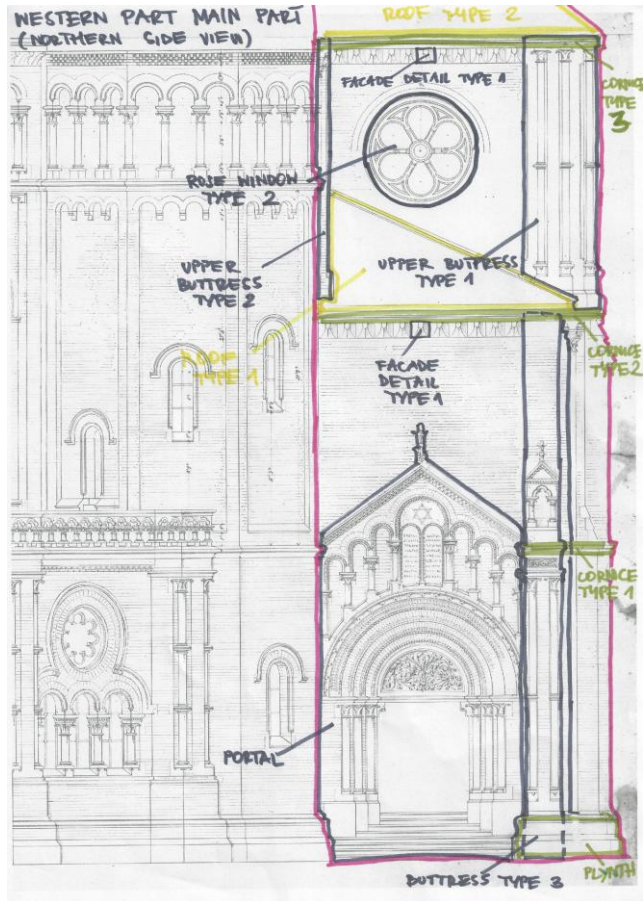
NEW DIVISION

Western elevation, source: Stadtarchiv Hannover (StadtAH 3 NL 547 Oppler Synagoge Breslau 60 12)

- 1) Upper, back walls should not belong to WPMP, but to CPMP
- 2) Plinth, cornices, façade details and façade columns should be distinguished as well
- 3) Window type 2 on the old division is actually two different types of the windows
- 4) Buttress type 1 on the old division consist of two parts, which had to be distinguished during 3d reconstruction process
- 5) Portal distinguished on the old division should not be reconstructed, as it is from the later rebuilding of the synagogue
- 6) Names of objects and their numbers were changed

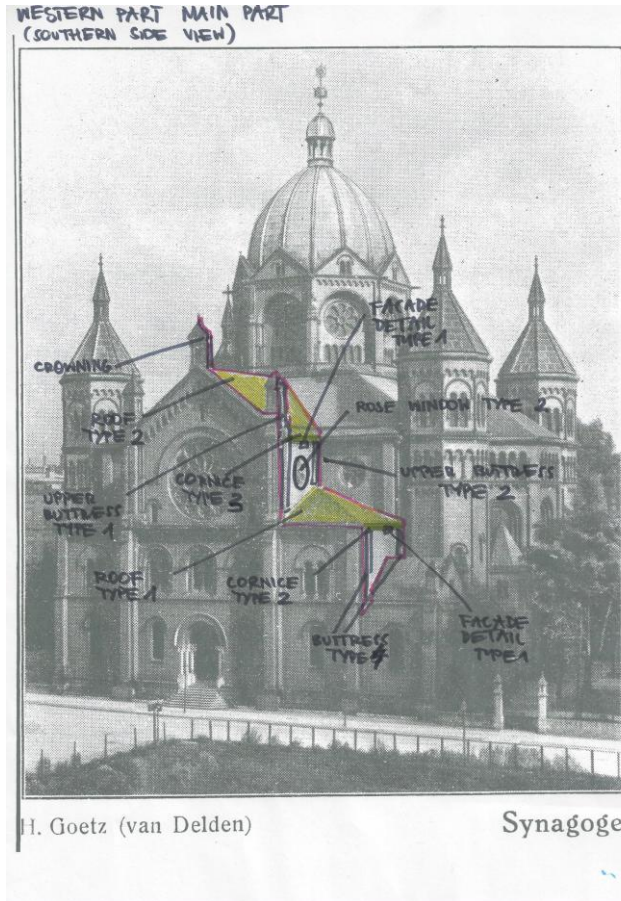
Changes in semantical division

New division – additional drawings



NEW DIVISION

Northern elevation, source: Stadtarchiv Hannover (StadtAH 3 NL 547 Oppler Synagoge Breslau 60 10)



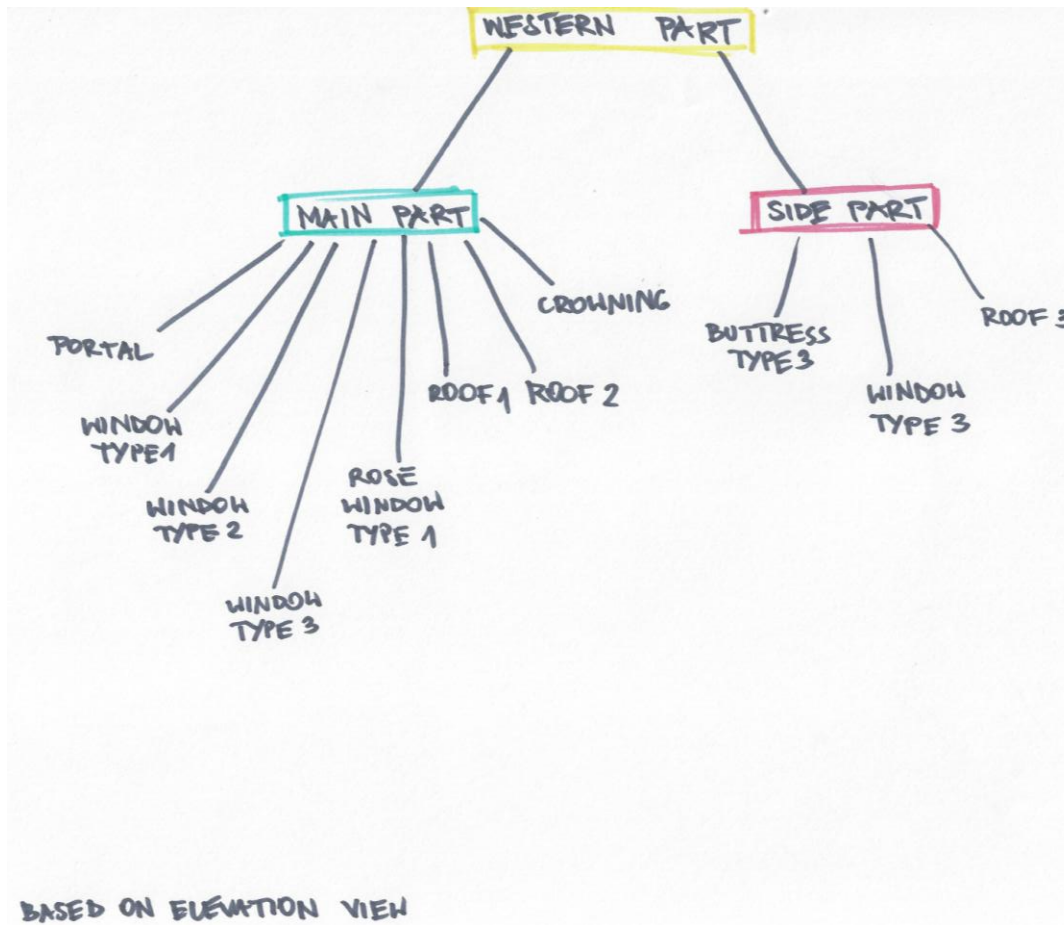
NEW DIVISION

Photo depicting western and southern façade, source: private collection of Maciej Łagiewski

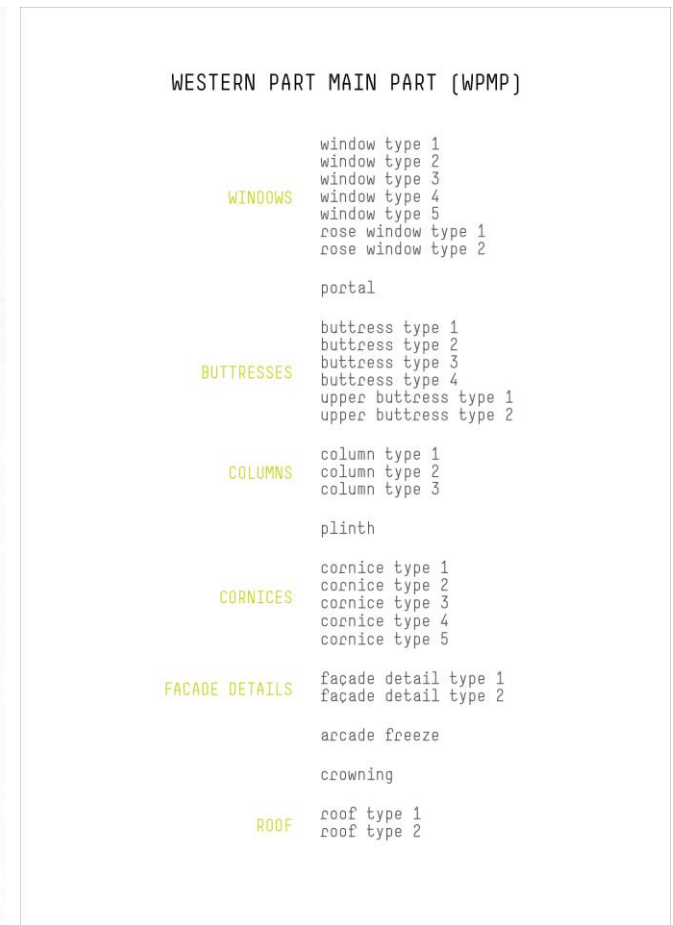
Portal, smaller rose window and three types of buttresses were not distinguished before, as they were not seen on the western elevation view

Changes in semantical hierarchy

Hierarchy



OLD SEMANTICAL DIVISION



NEW SEMANTICAL DIVISION