

Integration of execution data in the Revit model:

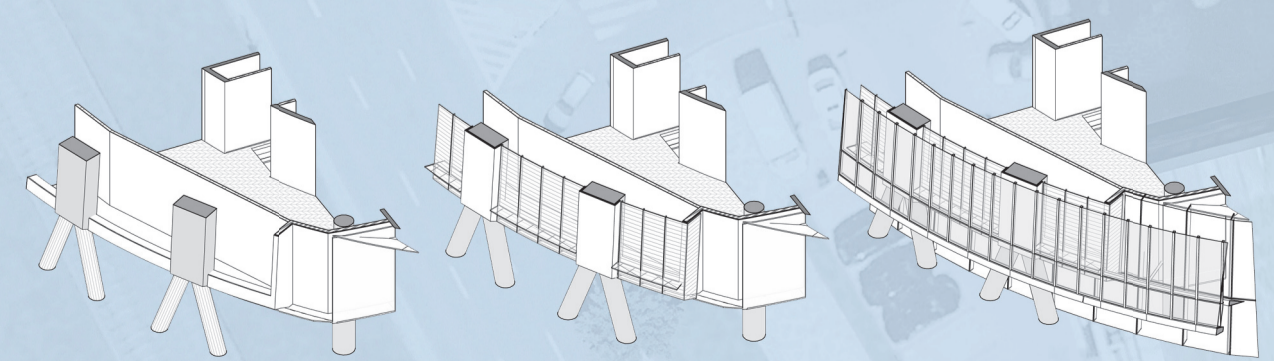
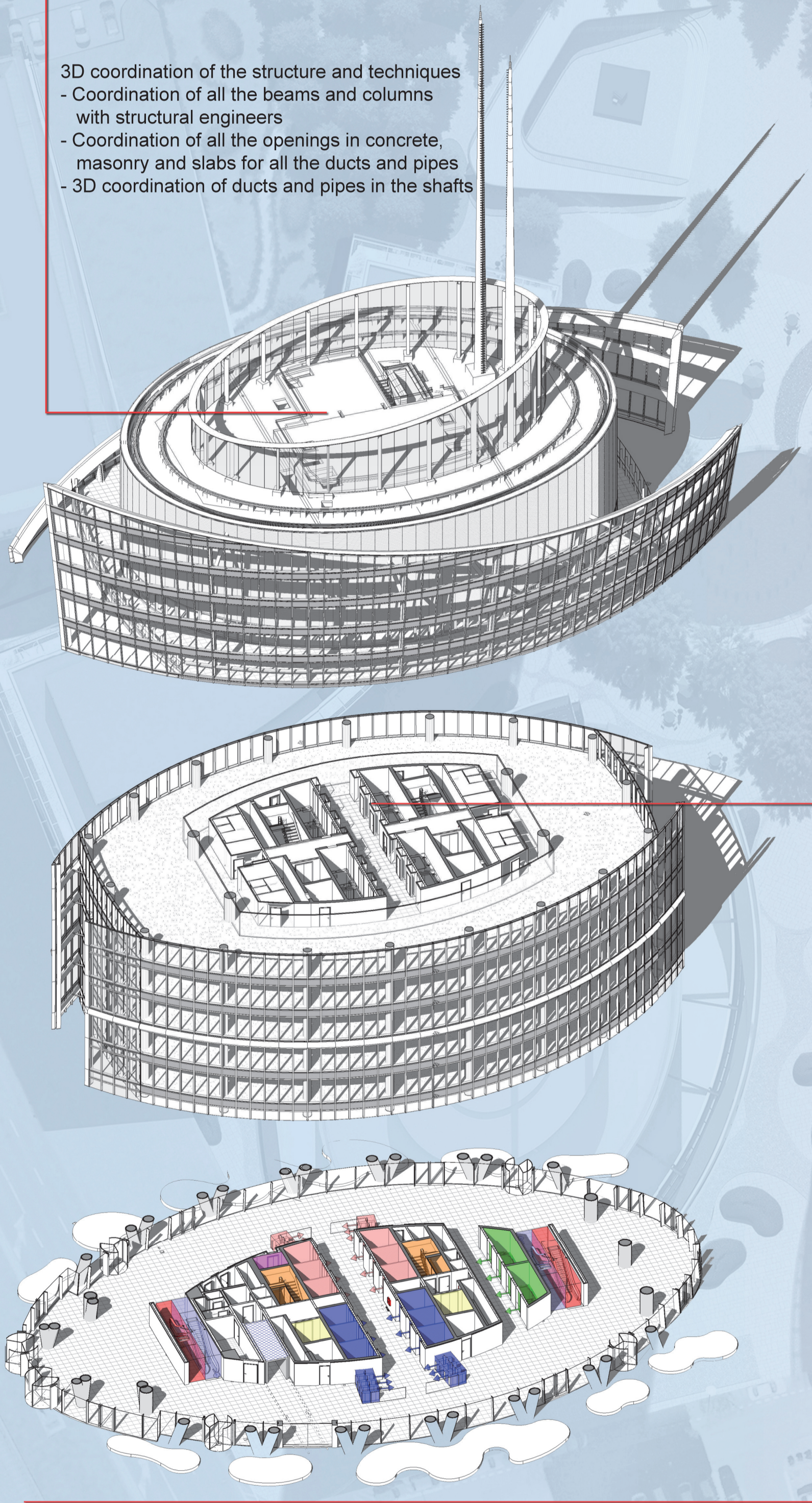
- Doors type, details and characteristics (more than 3500 units)
- Facade (quantity calculations per panel and per type, 3d communication with the execution contractors)
- Sanitary equipment definition and placement per room

NO	TYPE	DESCRIPTION	QUANTITY
1	01	01	1
2	02	02	2
3	03	03	3
4	04	04	4
5	05	05	5
6	06	06	6
7	07	07	7
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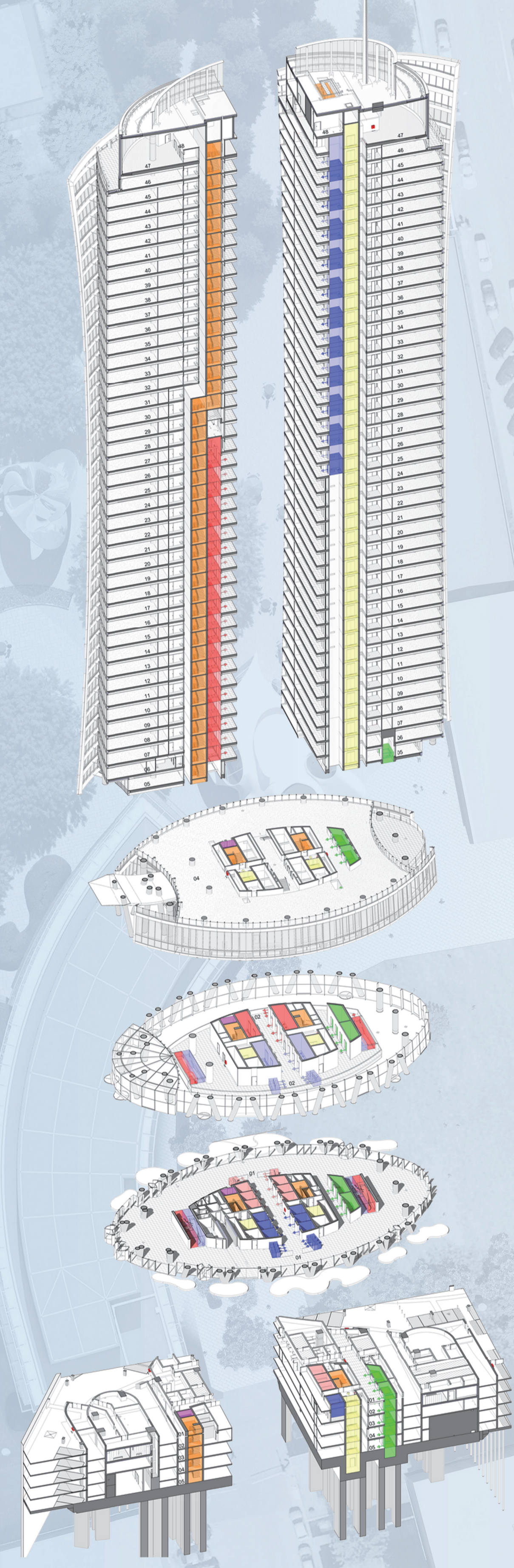
EXTRACT OF EXECUTION DOOR LIST

3D coordination of the structure and techniques

- Coordination of all the beams and columns with structural engineers
- Coordination of all the openings in concrete, masonry and slabs for all the ducts and pipes
- 3D coordination of ducts and pipes in the shafts



Development of complex and multidisciplinary details in different phases



Development and visual explanation of the concept of circulation:

- 12 Double-decks elevators
- 24 elevators
- 4 escalators



Pictures based on Revit model



Pictures based on Revit model



Pictures based on Revit model



Execution site april 2015

WARSAW SPIRE