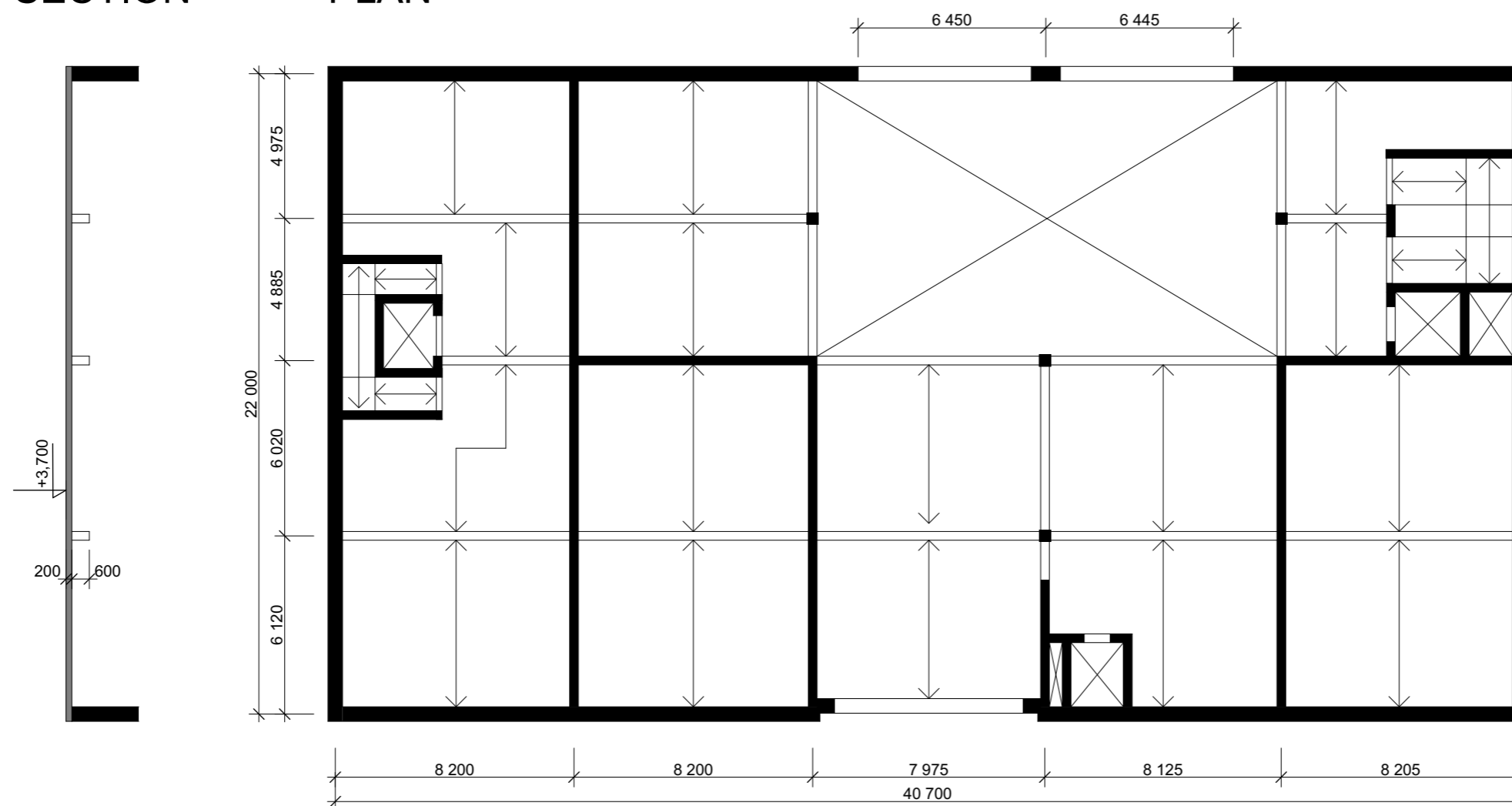


# STRUCTURAL VARIANT 3

First floor, M 1:200

SECTION


PLAN



## Description:

Combined system wall + columns, one way slab on girders (walls)  
 maximum span is 8,2 m between walls supporting girders  
 maximum span is 6,2 m between girders supporting slabs  
 one way slab is continuously supported on massive girders  
 girders are visible, the height will be reduced with combination of sunspended ceiling (gypsum boards)  
 walls are made from masonry, columns; girders; slab from reinforced concrete  
 max variable load is 7,5 kN/m<sup>2</sup>  
 dimensions of the structural members are empirically estimated

±0,000 = 253,057 m. Bpv.

 CTU IN PRAGUE	Student	Supervisor	Format	2xA4
	Martin Vaniček	doc. Ing. Vladimír Žďára, CSc. Department of Building Structures	Date	27.5.2017
	Building	Municipal library of Kutná Hora BACHELOR PROJECT	School year	2016/2017
	Content	Structural variant 3	SEMESTER	SUMMER
			SCALE	DRAWING NO.
			1:200	03

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