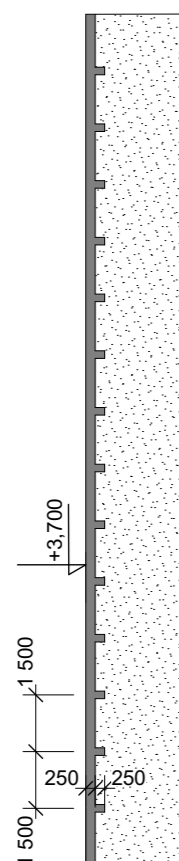


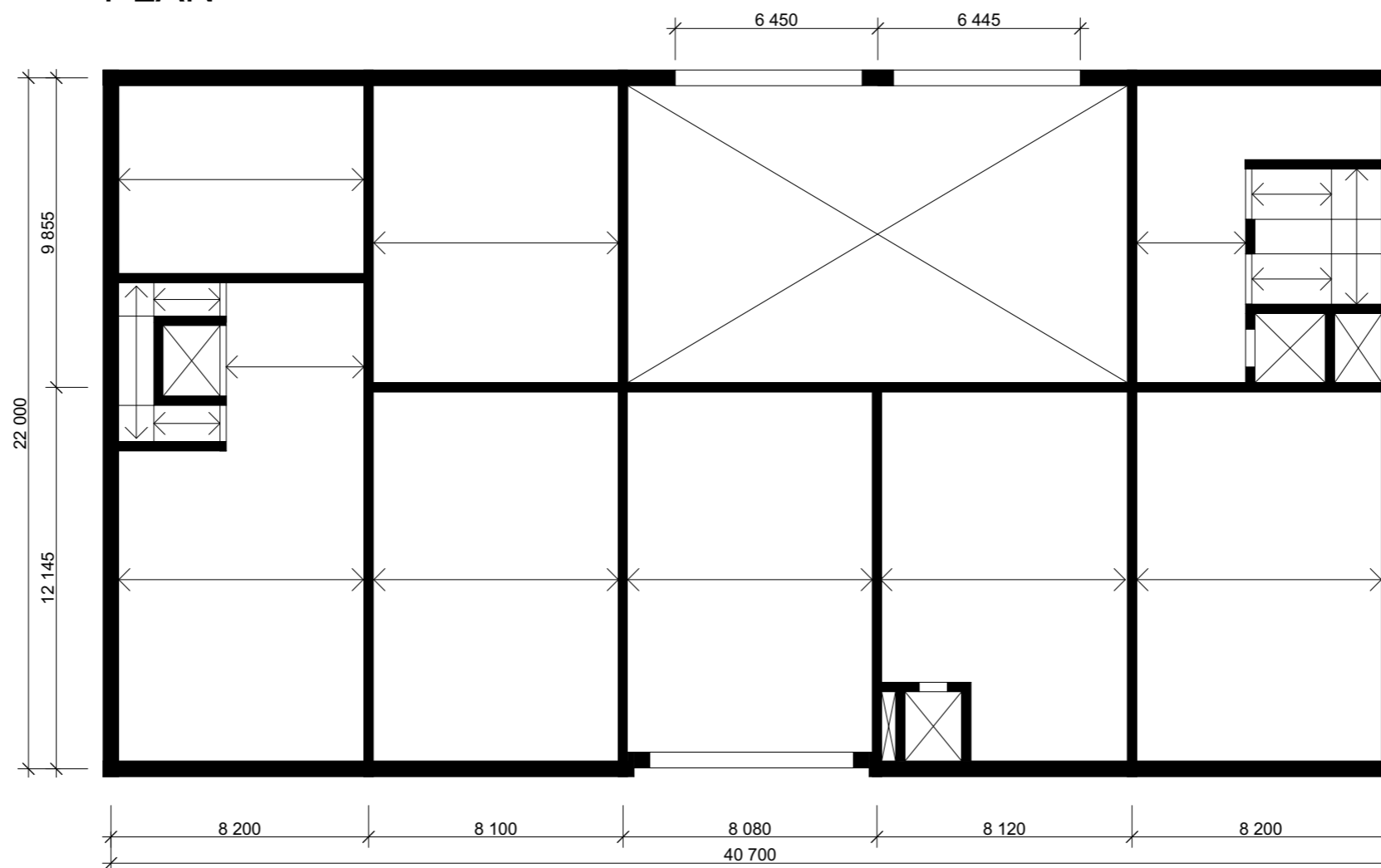
STRUCTURAL VARIANT 1

First floor, M 1:200

SECTION



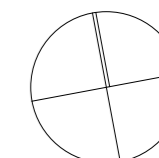
PLAN




Description:

Transversal wall system with stiffening longitudinal walls
 maximum span is 8,2 m between walls
 one way slab with beams is used as a ceilings structure
 beams with slabs create T section
 beams with slabs are continuous over the wall supports
 for walls can be used masonry or reinforced concrete
 max variable load is 7,5 kN/m²
 dimensions of the structural members are empirically estimated

N



±0,000 = 253,057 m. Bpv.

 CTU IN PRAGUE	Student	Martin Vaniček	Supervisor	doc. Ing. Vladimír Žďára, CSc. Department of Building Structures	Format	2xA4
	Building	Municipal library of Kutná Hora BACHELOR PROJECT			Date	27.5.2017
	Content	Structural variant 1			School year	2016/2017
					SEMESTER	SUMMER
					SCALE	1:200
					DRAWING NO.	01