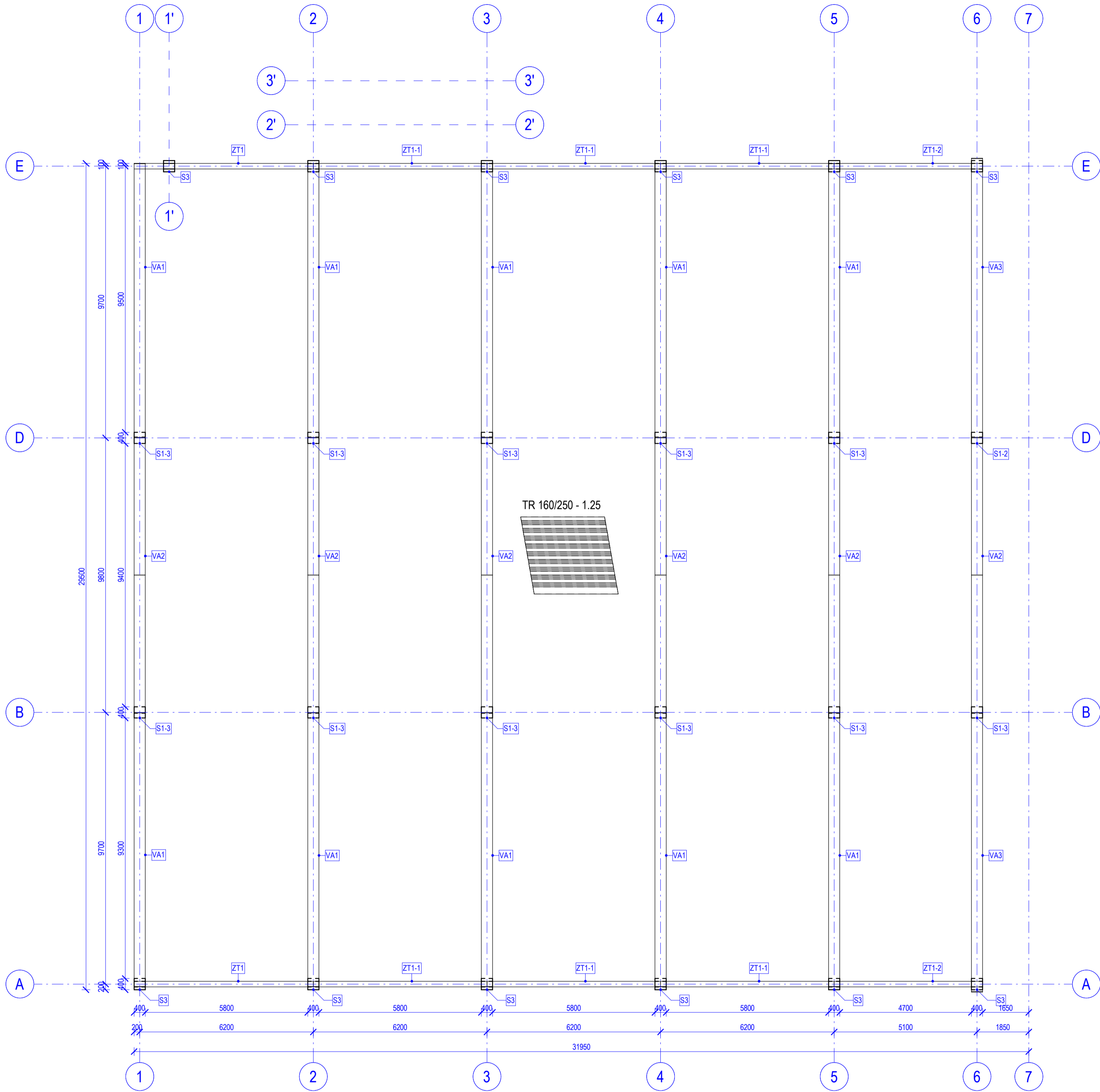


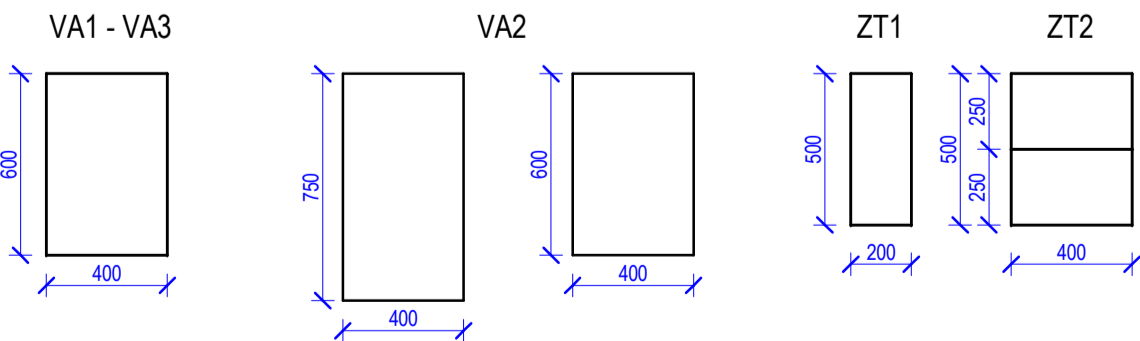
STRUCTURE ROOF PLAN  
1:100



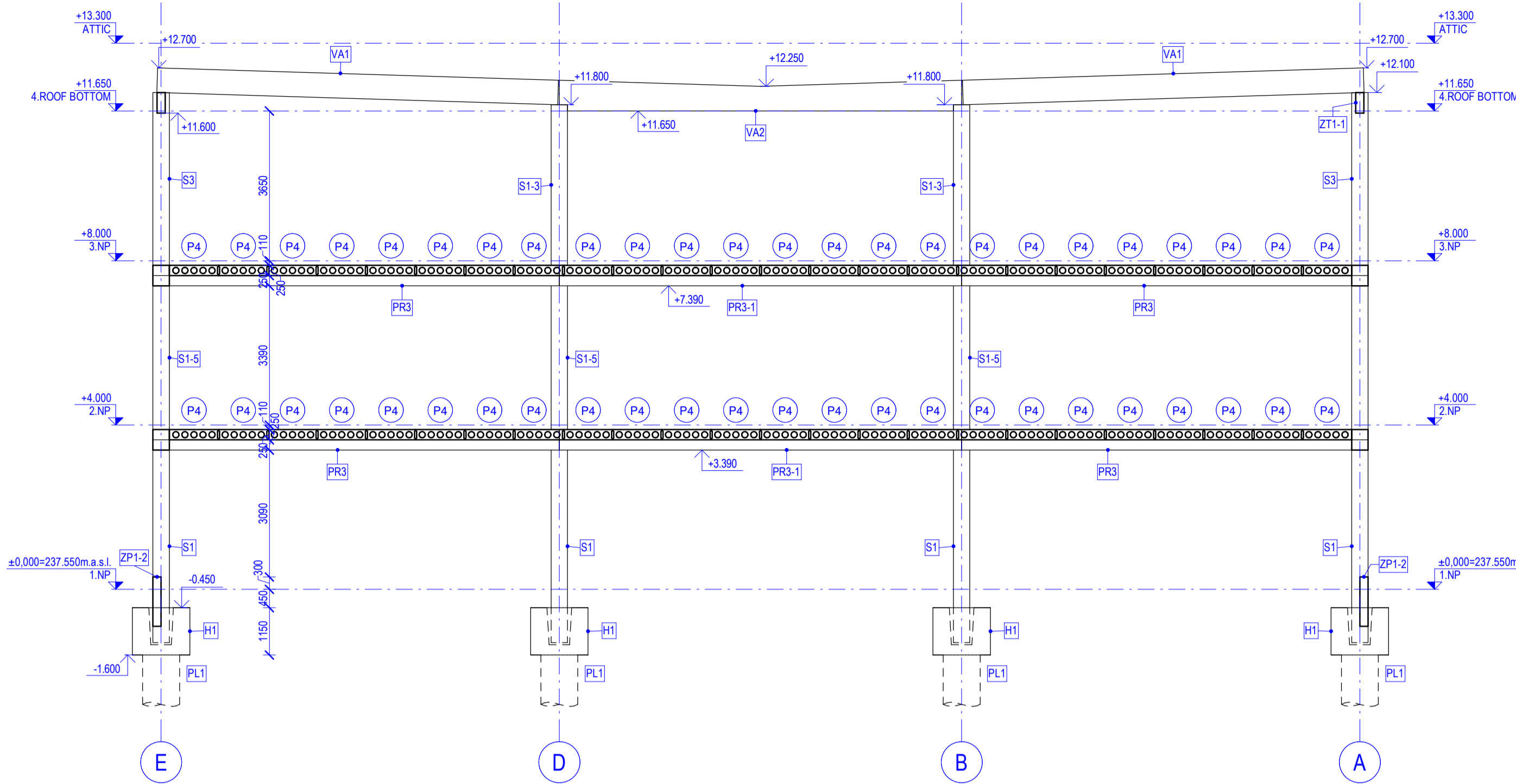
BILL OF QUANTITIES - ROOF BEAM							
MARK	DIMENTION 1 (MM)	DIMENTION 2 (MM)	VOLUME 1KS (M3)	LENGTH (MM)	COUNT	TOTAL VOLUME (M3)	MATERIAL
VA2	600	600	2.62 m³	9800	6	15.73 m³	C40/50-XC1
VA1	400	600	2.34 m³	9770	10	23.45 m³	C40/50-XC1
VA3	400	600	2.39 m³	9950	2	4.78 m³	C40/50-XC1
						43.96 m³	

BILL OF QUANTITIES - STIFFENER						
MARK	DIMENTION 1 (MM)	DIMENTION 2 (MM)	LENGTH (MM)	1KS VOLUME (M3)	KS	TOTAL VOLUME (M3)
ZT1	200	500	6400	0.64 m³	2	1.28 m³
ZT1-1	200	500	6200	0.62 m³	6	3.72 m³
ZT1-2	200	500	5300	0.53 m³	2	1.06 m³
ZT2	400	500	9300	1.81 m³	2	3.62 m³
ZT2-1	400	500	6200	1.22 m³	2	2.44 m³
ZT2-2	400	500	6000	1.18 m³	4	4.72 m³
ZT2-3	400	500	6000	1.16 m³	2	2.32 m³
ZT2-4	400	500	5800	1.12 m³	12	13.44 m³
ZT2-5	400	500	5100	0.96 m³	2	1.92 m³
						34.52 m³

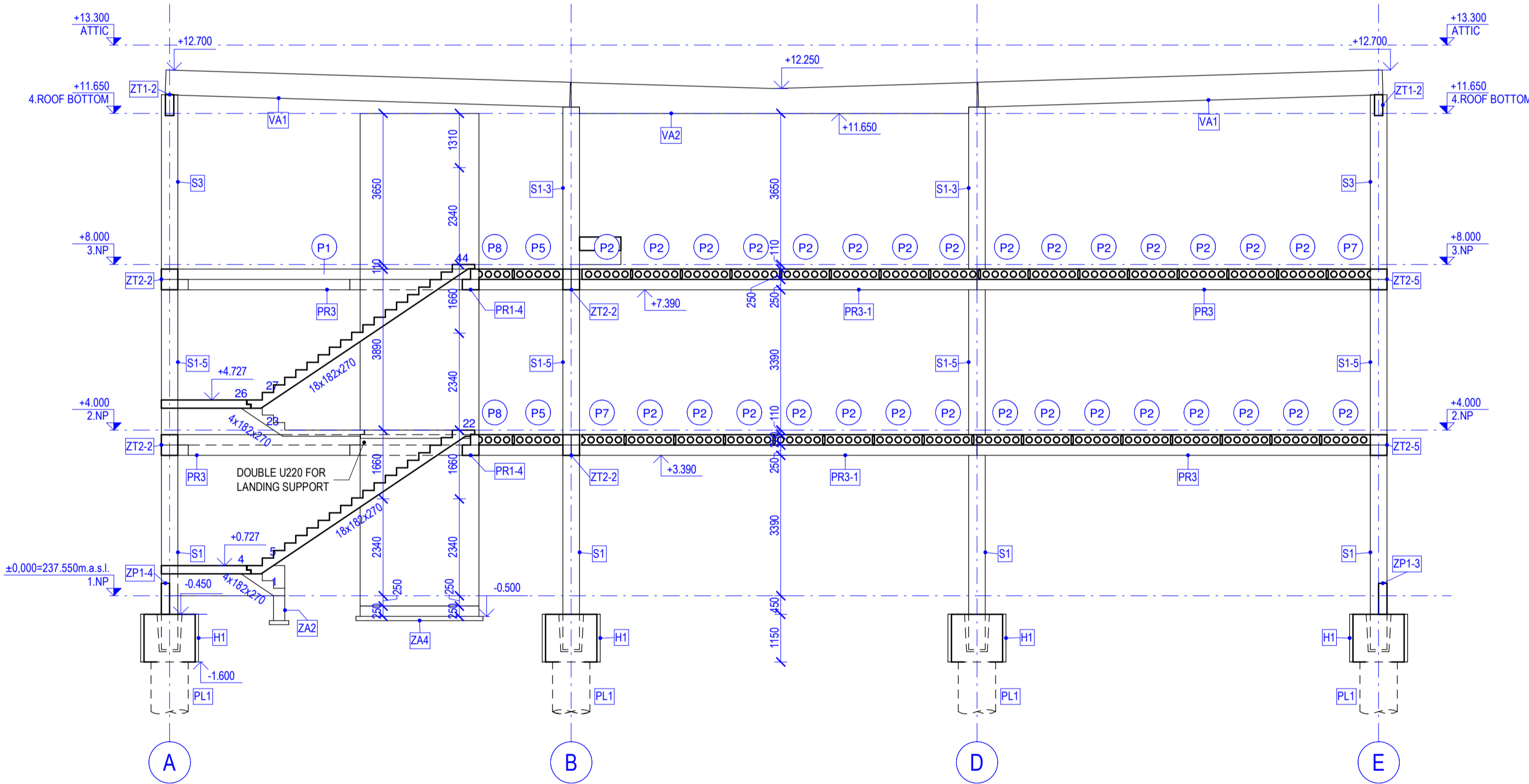
ROOF BEAM - STIFFENER CROSS-SECTION  
1:25



SECTION B1-B1  
1:100



SECTION B1-B1  
1:100



FIBRE REINFORCED CONCRETE

CONCRETE C25/30-XC2  
25 kg FIBERS / m²

PRECAST REINFORCED CONCRETE STRUCTURES

CONCRETE C40/50-XC1  
REINFORCEMENT B 500B (10 505 R)

PILES, FOUNDATIONS

CONCRETE C30/37-XC2.XA2  
REINFORCEMENT B 500B (10 505 R)

M 1:100

0m 2m 4m 6m

0.000 = 237.550 m H.a.s.l. B.H.S. / COORDINATE SYSTEM S-JTSK

TYPE OF WORK	MASTER'S THESES	VYSOKÉ UČENÍ TECHNICKÉ STAVEBNÍ V BRNĚ
DRAWN BY	ALESSIO AMODIO	
SUPERVISED BY	Ing. FRANTIŠEK VAJKAY, Ph.D.	
INVESTOR	Dům Rečkovice s.r.o., Bělý Pažoutov 742/1, Komin, 624 00 Bm	
LOCATION	Rečkovice (611646)	PAPER FORMAT A1 DATE 01/2020 PROJ. PHASE CONSTR. DOC. SCALE 1:100 DRAWING NO. B005
PROJECT TITLE	MULTIFUNCTIONAL BUILDING	
BUILDING OBJECT	SO 201 - HALL EXTENSION	
PART	D.1.2 STRUCTURAL PART	
DRAWING TITLE	STRUCTURE ROOF PLAN - SECTIONS	