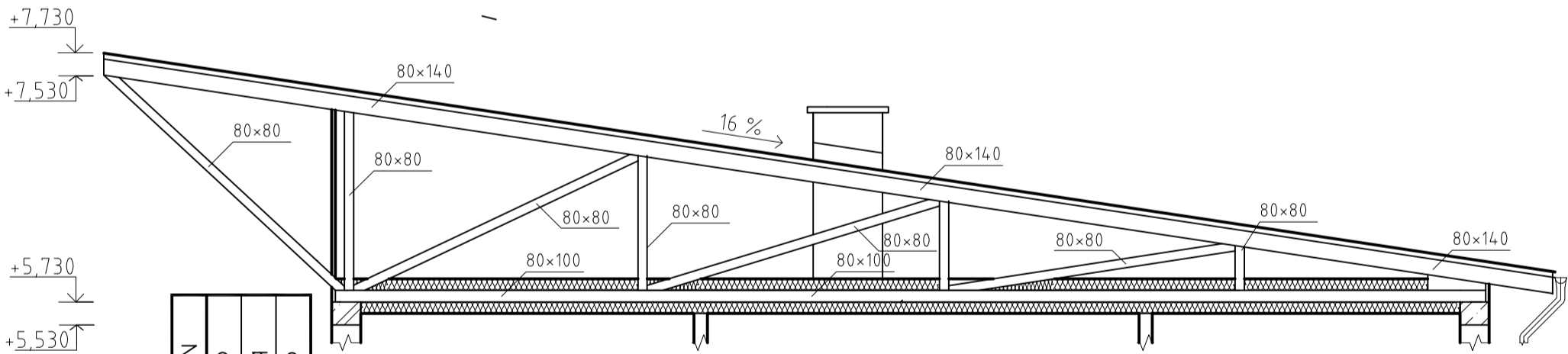
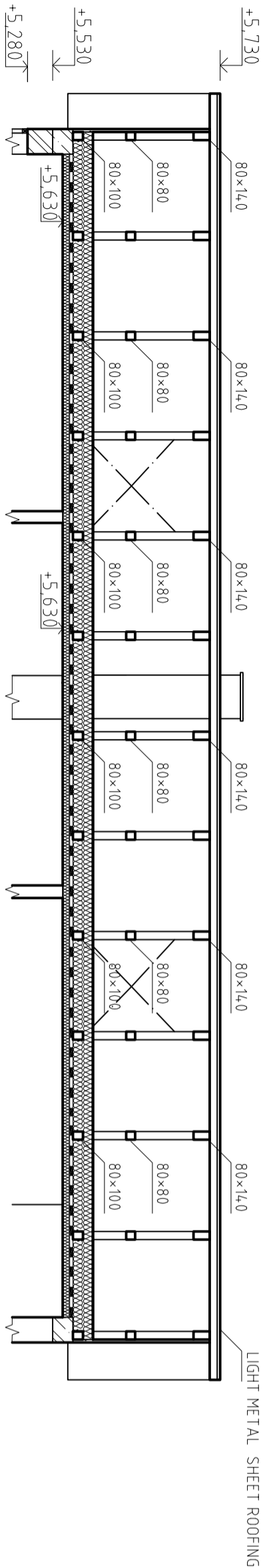


SECTION A-A'



SECTION B-B'



LIST OF TIMBER ELEMENTS:

DESCR.	NAME OF THE ELEMENT	DIMENSIONS (mm)	LENGTH (mm)	PCS	VOLUME (m ³)
T1	TRUSS	VARIABLE	12600	13	3,55
T2	BRACING	50 / 50	6300	8	0,1260
T3	BRACING	50 / 50	1500	20	0,075
T4	BRACING	50 / 50	850	12	0,0255
	LATHS	50 / 40	12550	13	0,326
	CONTRA LATHS	50 / 40	12600	13	0,326
TOTAL=4,43 m ³					

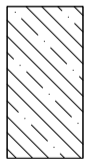
ROOF TRUSSES

- ROOF TRUSSES ARE DESIGNED FROM SPRUCE WOOD OF THE GRADE C 24.
- TIMBER IS TREATED AGAINST THE GROWTH OF MOULDS AND ATTACK OF INSECT
- TRUSSES ARE ANCHORED TO THE REINFORCED CONCRETE RING BY THE HELP OF L - SHAPED STEEL ELEMENTS
- CONNECTION OF INDIVIDUAL PARTS OF TRUSS IS EXECUTED BY THE SYSTEM OF GANGNAILS
- STIFFNESS OF TRUSS SYSTEM IS ENSURED BY THE DECKING FROM OSB BOARDS, IT WILL BE PLACED ON TOP OF THE TRUSSES AND AROUND THE PERIMETER
- DIMENSIONS OF INDIVIDUAL ELEMENTS ARE DESIGNED ACCORDING TO THE PRODUCER (E.G. MITEK.)

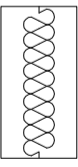
NOTE:

-ROOF COVERING WILL BE EXECUTED FROM METAL SHEET ROOFING, THE PRECISE TYPE WILL BE DESIGNED ACCORDING TO PREFERENCES OF INVESTOR (E.G. LINDAB)

LEGEND OF MATERIALS



REINFORCED CONCRETE, C 20/25, B550

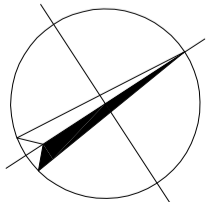
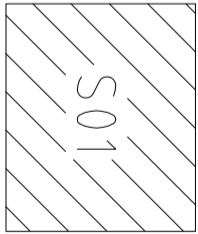


THERMAL INSULATION:
-ROOF STRUCTURE: BLOWN CELLULOSE TEMPLAN ,
 $\lambda = 0,0396 \text{ W/m.K}$, TH = 300 mm



CHIMNEY HELUZ KLASIK WITH VENTILATION SHAFT
FROM KITCHEN H00D, DIM. 600x400, SHAFT 160 mm

c)				
b)				
a)				
NO.	REVISION/ISSUE	CHANGE MADE BY	SIGNATURE	DATE



0,000 = 263,300 mas.I.B.L / COORDINATION SYSTEM S - JTSK

TYPE OF WORK	BACHELOR THESIS		
AUTHOR	Viktor Gach		
SUPERVISOR	Ing. František Vaňkay Ph.D.		
BUILDER	Jakub Smolný, Rašínova 92, 500 11, Hradec Králové		
BUILDING PLOT	cadastral area.: Vysoká nad Labem, plot 244/3		
NAME OF THE CONSTRUCTION	FAMILY RESIDENCE		
BUILDING	S0 01	FORMAT	4, A4
PART	D.1.1 ARCHITECTURAL - CONSTRUCTIONAL SOLUTION	DATE	05/2015
TYPE OF WORK	FLOORPLAN OF ROOF	DEGREE PD	DEC
		SCALE	1:50
		NO. DRAWING	D.1.106

