


LEGEND OF MATERIALS

 REINFORCED CONCRETE, CLASS C 20/ 25

 PLAIN CONCRETE, CLASS C 20/ 25

 LOAD BEARING WALL, HELUZ FAMILY CUT, TH. 250mm,  $\lambda = 0,14 \text{ W/m.K}$ , CONNECTED BY PU FOAM

 GRAVEL SUB BASE

 ORIGINAL SOIL, TYPE: R4, STRENGTH: 400 kPa

 GABION WALL

 COMPACTED SOIL

 INTERNAL LOAD BEARING WALL, HELUZ FAMILY CUT, TH. 300mm, CONNECTED BY PU FOAM

 PARTITION WALL, HELUZ, TH. 115 mm

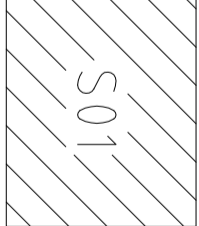
 THERMAL INSULATION: PERIPHERAL WALL: ISOVER TOPSIL 8 MINERAL WOOL,  $\lambda = 0,039 \text{ W/m.K}$ , TH = 160 mm

FLOOR OF GF: ISOVER EPS 100S,

FOOT OF PER WALL: ISOVER SYNTHOS XPS PRIME 30,  $\lambda = 0,038 \text{ W/m.K}$ , TH = 120 mm

FLOOR OF THE FIRST FLOOR: ISOVER EPS 100S,  $\lambda = 0,037 \text{ W/m.K}$ , TH = 50 mm

CEILING OF THE FIRST FLOOR: BLOWN CELLULOSE TEMPLAN,  $\lambda = 0,0396 \text{ W/m.K}$ , TH = 300 mm



0.000 = 263,300 mas.l.b.l. / COORDINATION SYSTEM S – JTSK

TYPE OF WORK	BACHELOR THESIS		
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SUPERVISOR	Ing. František Vojkay 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	SO 01	FORMAT	4, A4
PART	D.1.1 ARCHITECTURAL - CONSTRUCTIONAL SOLUTION	DEGREE PD	DEC
TYPE OF WORK	SECTION A-A'	SCALE	1:50
		NO. DRAWING	D.1.104

