



LEGEND OF MATERIALS

- PERIPHERAL LOAD-BEARING WALL WITH STEICO I JOIST, MINERAL WOOL TH. 180 + 180 MM
- HOLLOW PARAPET WALL WITH STEICO I JOIST
- EXTERNAL WALL WITH STEICO JOIST, TH. 190 MM, WITH MINERAL WOOL TH. 160 MM
- INTERNAL WOODEN WALL STUD PARTITION WALL TH. 125 MM, WITH MINERAL WOOL TH. 100 MM
- INTERNAL PARTITION WALL WITH STEEL PROFILES TH. 75 MM, WITH MINERAL WOOL TH. 60 MM
- REINFORCED CONCRETE C20/25
- PLAIN CONCRETE C20/25
- ORIGINAL SOIL, SANDY CLAY (F4)
- GRADIENT POLYSTYREN STYRO EPS 150S
- INSULATING BOARDS STYRODUR 2800 C

LEGEND OF SYMBOLS

- STEEL EXTERNAL RAILING, ANCHORED TO THE FLOOR AND WALL
- STEEL INTERNAL RAILING, ANCHORED TO THE FLOOR
- TINSMITH
- WINDOWS
- SLIDING DOORS
- INTERNAL DOORS
- EXTERNAL DOORS
- GROUND SCREW, \varnothing 55,8 mm length 500 mm

NOTES

- WINDOWS, DOORS (ENTRANCE DOORS, INTERNAL DOORS, SLIDING DOORS), TINSMITH, SEE INDIVIDUAL LIST OF ELEMENTS
- THE POSITION AND TYPE OF STRUCTURAL ELEMENTS IS LOCATED IN THE BUILDING STRUCTURAL SOLUTION PART

COMPOSITION OF FLOORS

F1 WOOD FLOOR SKANDER -MIRELON INSULATION UNDERLAY -CONCRETE LAYER -PE SEPARATION LAYER -ISOVER EPS 100S -ISOVER EPS 100S -WATERPROOFING BITUMEN STRIP -ELASTEK 40 SPECIAL MINERAL -REINFORCED CONCRETE C20/25 -SANDY CLAY SOIL (F4)	12 MM 3 MM 50 MM - 150 MM 150 MM - 4 MM 200 MM	F4 LAMINATE FLOORING SKANDER -MIRELON INSULATION UNDERLAY -OSB BOARD -ISOVER EPS RIGIFLOOR -OSB BOARD -STEICO JOIST (th. 240 mm) WITH SOUNDPROOF INSULATION -ISOVER PIANO (th. 120 mm) -AIR LAYER -GYPSUM BOARD	7 MM 25 MM 50 MM 50 MM 22 MM - 240 MM 104 MM 12,5 MM	F5 CERAMIC TILE MULTI TAHITI -ADHESIVE FOR CERAMIC TILES S-LINE SPECIAL -CEMIX GRADIENT CEMENT SCREED -WATERPROOFING BITUMEN STRIP -ELASTEK 40 SPECIAL MINERAL -RIGIPS CEMENT BOARD AQUAROC -STEICO JOIST (th. 240 mm) WITH THERMAL INSULATION ISOVER -UNIROLL PLUS -OSB BOARD -WOODEN BATTENS (30x30mm) -SPRUCE WOOD CEILING	8 MM 3 MM 30-55 MM - 4 MM 12,5 MM - 240 MM 15 MM 30 MM 10 MM
F2 CERAMIC TILE EGE BUXY -ADHESIVE FOR CERAMIC TILES S-LINE -CONCRETE LAYER -PE SEPARATION LAYER -ISOVER EPS 100S -ISOVER EPS 100S -WATERPROOFING BITUMEN STRIP -ELASTEK 40 SPECIAL MINERAL -REINFORCED CONCRETE C20/25 -SANDY CLAY SOIL (F4)	10 MM 5 MM 50 MM - 150 MM 150 MM - 4 MM 200 MM	F5 FATRAFOL FOIL 807 -GRADIENT POLYSTYREN STYRO EPS 150S -ISOVER EPS 100S -ISOVER EPS 100S -WATERPROOFING BITUMEN STRIP -ELASTEK 40 SPECIAL MINERAL -OSB BOARD -STEICO JOIST (th. 240 mm) WITH ISOVER UNIROLL PLUS -OSB BOARD -OSB BOARD -AIR LAYER -GYPSUM BOARD	2,6 MM 200-15 MM 150 MM 150 MM - 4,0 MM 12 MM 240 MM 104 MM 153 MM 12,5 MM	F6 FATRAFOL FOIL 807 -GRADIENT POLYSTYREN STYRO EPS 150S -ISOVER EPS 100S -ISOVER EPS 100S -WATERPROOFING BITUMEN STRIP -ELASTEK 40 SPECIAL MINERAL -OSB BOARD -STEICO JOIST (th. 240 mm) WITH ISOVER UNIROLL PLUS -OSB BOARD -OSB BOARD -AIR LAYER -GYPSUM BOARD	2,6 MM - 150 MM 150 MM - 4 MM 12 MM 240 MM 18 MM 30 MM 10 MM
F3 CERAMIC MULTI TAHITI -ADHESIVE FOR CERAMIC TILES S-LINE SPECIAL -REINFORCED CONCRETE C20/25 -SANDY CLAY SOIL (F4)	10 MM 5 MM 150 MM	F6 FATRAFOL FOIL 807 -GRADIENT POLYSTYREN STYRO EPS 150S -WATERPROOFING BITUMEN STRIP -ELASTEK 40 SPECIAL MINERAL -OSB BOARD -STEICO JOIST (th. 240 mm) WITH ISOVER UNIROLL PLUS -OSB BOARD -OSB BOARD -WOODEN BATTENS (30x30mm) -SPRUCE WOOD CEILING	2,6 MM - - 4 MM 12 MM 240 MM 12 MM 30 MM 10 MM	F7 TERRACE PLANKS -WOODEN BEAM 80x120 -WOODEN BEAM 80x120 -IMPACTED GRAVEL 16-32 mm -SANDY CLAY SOIL (F4)	50 MM 120 MM 120 MM 125 MM

COMPOSITION OF WALLS

W1 EQUITONE PICTURA PORCELAIN -AIR LAYER (made by 30x60 mm wooden battens) -DAMP PROOF MEMBRANE -HOMESEAL LDS 0,02 UV -MINERAL WOOL NATURBOARD 032 (with 60x60 wooden battens) -OSB BOARD -STEICO WALL WITH ISOVER PREMIUM WDF (2x180 mm) -OSB BOARD -ISOVER UNI -GYPSUM BOARD	8 MM 30 MM - - 60 MM 15 MM 360 MM 15 MM 60 MM 12,5 MM	W2 CEMIX ACRYLIC PLASTER -BAUMIT UNIPRIMER LAYER -BAUMIT PROCONTACT -ADHESIVE LAYER WITH BAUMIT STARTEX RF FIBERGLASS MESH -OSB BOARD -STEICO WALL JOIST -OSB BOARD -WATERPROOFING BITUMEN STRIP -ELASTEK 40 SPECIAL MINERAL -FATRAFOL FOIL 807	2 MM - - 5 MM 12 MM 160 MM 12 MM 4 MM 2,6 MM	W3 EQUITONE PICTURA -AIR LAYER (made by 30x60 mm wooden battens) -DAMP PROOF MEMBRANE -HOMESEAL LDS 0,02 UV -OSB BOARD -STEICO WALL JOIST -OSB BOARD -WATERPROOFING BITUMEN STRIP -ELASTEK 40 SPECIAL MINERAL -FATRAFOL FOIL 807	8 MM 30 MM - 15 MM 360 MM 15 MM 4 MM 2,6 MM
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0,000 = 292.115 m.a.s.l., B.p.v COORDINATE SYSTEM S-JTSK

TYPE OF WORK	BACHELOR THESIS	T FAKULTA STAVEBNÍ Ústav pozemního stavitelství
AUTHOR	David Lendák	
SUPERVISOR	Ing. František Vojkay, Ph.D.	
BUILDER	David Lendák	
ADDRESS	612 00 Brno-Královo Pole / parcel number 251/6	
NAME OF CONSTRUCTION	DETACHED FAMILY RESIDENCE	
BUILDING OBJECT	SD 01 - FAMILY HOUSE	SIZE 8x44
PART	Architectural and building solution	DATE 05/2018
CONTENT	SECTION A-A'	DEGREE OF PD DPS
		SCALE 1 : 50 NO. 0.1.1.5