

LEGEND OF MATERIALS

	PERIPHERAL LOAD-BEARING WALL WITH STEICO I JOIST, TH. 560 MM MINERAL WOOL TH. 180 + 180 MM		REINFORCED CONCRETE C20/25
	HOLLOW PARAPET WALL WITH STEICO I JOIST		PLAIN CONCRETE C20/25
	INTERNAL WOODEN WALL STUD PARTITION WALL TH. 125 MM, WITH MINERAL WOOL TH. 100 MM		ORIGINAL SOIL, SANDY CLAY (F4)
	INTERNAL PARTITION WALL WITH STEEL PROFILES TH. 75 MM, WITH MINERAL WOOL TH. 60 MM		GRAVEL FRACTION 16-32 MM
	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
	INTERNAL DOORS
	INTERNAL SLIDING DOORS
	GUTTER LINDAB R 190 HIGH BUILD POLYESTER


COMPOSITION OF WALLS AND FLOORS

<div><div>F1</div><div>WOOD FLOOR SKANDER 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)</div></div>	<div>12 MM 3 MM 50 MM - 150 MM 150 MM - 4 MM 200 MM</div>	<div><div>F5</div><div>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 (2x120mm) OSB BOARD WOODEN BATTENS (30x30mm) GYPSUM BOARD</div></div>	<div>2,6 MM - 150 MM 150 MM - 4,0 MM 12 MM - 240 MM 12 MM 153 MM 12,5 MM</div>	<div><div>F7</div><div>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</div></div>	<div>8 MM - 3 MM 30-55 MM - 4 MM 12,5 MM - 240 MM 15 MM 30 MM 10 MM</div>	<div><div>W1</div><div>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</div></div>	<div>8 MM 30 MM - - 60 MM 15 MM 360 MM 15 MM 60 MM 12,5 MM</div>
<div><div>F2</div><div>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)</div></div>	<div>10 MM 5 MM 50 MM - 150 MM 150 MM 4 MM 200 MM</div>	<div><div>F6</div><div>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 (2x120mm) OSB BOARD WOODEN BATTENS (30x30mm) SPRUCE WOOD CEILING</div></div>	<div>2,6 MM - 150 MM 150 MM 4 MM 12 MM - 240 MM 12 MM 30 MM 10 MM</div>	<div><div>F8</div><div>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 (2x120mm) STEICO WEATHERPROTECT WOODEN BATTENS (30x30mm) SPRUCE WOOD CEILING</div></div>	<div>2,6 MM - 150 MM 150 MM 4 MM 12 MM 4 MM 12 MM 240 MM 18 MM 30 MM 10 MM</div>	<div><div>W3</div><div>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</div></div>	<div>8 MM 30 MM - 15 MM 360 MM 15 MM 4 MM 2,6 MM</div>
<div><div>F4</div><div>LAMINATE FLOORING SKANDER 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</div></div>	<div>7 MM 3 MM 25 MM 50 MM 22 MM 240 MM 104 MM 12,5 MM</div>						

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

0.000 = 292.115 m.a.s.l., B.p.v COORDINATE SYSTEM S-JTSK

Project	BACHELOR THESIS		
Drawn by	Dávid Lendák		
Checked by	Ing. František Vajkay, Ph.D.		
Constructor	Dávid Lendák		
Address	612 00 Brno-Královo Pole / parcel number 251/6		
Building name	DETACHED FAMILY RESIDENCE		
Building object	SO 01 – FAMILY HOUSE	Size	4x4
Stage	Architectural and building solution	Date	05/2018
Content	SECTION B-B'	Stage of PD	DPS
		SCALE	NO.
		1 : 50	D.1.1.6