



APARTMENT NO.	TYPE	ROOM PURPOSE	AREA (m <sup>2</sup> )	COMPOSITION	FLOORING	WALLS SURFACE	CEILING
001	3-KC	01 HALL	9.47	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		02 BATHROOM	4.41	H1	CERAMIC TILES	CERAMIC TILES	LIMECEMENT PLASTER
		03a LIVING ROOM	21.85	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03b KITCHEN CORNER	5.19	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		04 ROOM	12.65	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		05 TOILET	2.13	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		07 STORAGE ROOM	3.02	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		08 GARDEN WITH TERRACE	24.72	R3	CONCRETE TILES		
		09 GARDEN	11.52	R4			
			114.22				

DESCRIPTION	DIMENSION	ANNOTATION	LIST OF LINTELS					TYPED	ELEMENTS
			1PP	1NP	2NP	3NP	4NP		
POROTHERM 7	2x 70/238/1000	2x PT7 + EPS 30, dl. 1000 mm	1	-	-	4	-	3ks	10ks
	3x 70/238/1250	3x PT7 dl. 1250 mm	-	23	33	33	30	119ks	357ks
POROTHERM 11,5	2x 70/238/1750	2x PT11,5 dl. 1750 mm	-	-	-	1	-	1ks	2ks
	115/70/750	PT-11,5 dl. 750 mm	3	-	-	-	-	3ks	3ks
	115/70/1000	PT-11,5 dl. 1000 mm	7	-	-	-	-	7ks	7ks
	115/70/1250	PT-11,5 dl. 1250 mm	86	111	117	117	74	479ks	479ks
	115/70/1500	PT-11,5 dl. 1500 mm	4	-	-	-	-	4ks	4ks
	115/70/1750	PT-11,5 dl. 1750 mm	1	-	-	-	-	1ks	1ks
	115/70/2000	PT-11,5 dl. 2000 mm	1	5	5	5	5	21ks	21ks

**NOTES**

**MASONRY**

WALLS AND PARTITIONS ARE ANNOTATED ON WORKING DIMENSIONS, WITHOUT PLASTER. IN THE CONSTRUCTION OF MASONRY REINFORCED CONCRETE INCLUDES BY ITEM ANCHORAGE IN EVERY SECOND LAYER. REINFORCED PLASTER PROFILES WILL BE EQUIPPED IN EVERY CORNER.

**WINDOWS AND DOORS**

CONNECTION JOINTS OF WINDOWS WILL BE FROM INNER SIDE FROM VAPOR BARRIER BELONG FROM OUTER SIDE. WILL BE COVERED BY CONTACT THERMAL INSULATION BUILDING ENVELOPE SYSTEM ELEMENT. FOR WOODEN JOINTS AS NEEDED TO WEAR THE OPENING FOR 50 mm (100 mm) (WOODEN) LINTELS FOR OPENINGS IN PARTITIONS WITH THICKNESS 115 mm PER PARTITION WITH 1x1,5 m.

**HEATING AND TRANSITIONS**

CEILING AND FLOORING ELEMENTS WITH DIMENSIONS LOWER THAN 100 mm WILL BE DONE ON SITE. CEILING AND FLOORING IN PARTITIONS WILL BE DONE ON SITE. TRANSITION BETWEEN DIFFERENT TYPES OF FLOORING ARE MADE BY TRANSITION PROFILES.

**BATHROOMS**

BATHES WILL BE COVERED BY GASPERCUTE PARTITIONS 10, 50 mm, REVISION OPENING - FRAME - FINISH WITH MAGNETS. CONNECTION BETWEEN BATHING AND TUBS WILL BE COVERED WITH COVER PROFILE. HANDRAILS WILL BE COVERED BY GASPERCUTE PARTITIONS 10, 50 mm. WHEN ADEQUATE, USE STAINLESS CORNER LING PROFILES BY CORNERS AND LOGS. HANDRAILS WILL BE COVERED BY GASPERCUTE PARTITIONS 10, 50 mm. TUB HEIGHT 1100 mm.

**FAÇADES, THERMAL AND ACOUSTIC INSULATION**

THERMAL INSULATION OF FAÇADES - CONTACT THERMAL INSULATION SYSTEM. CONNECTED THERMALLY INSULATED AND UNINSULATED AREAS WILL BE DONE WITH FINAL SURFACE IN SAME LEVEL. REINFORCED CONCRETE WALLS BETWEEN APARTMENTS AND CORNER WALLS THERMALLY INSULATED GLASS WEB SHEETS BOVEM PRIMO 70x110, 60 mm + 50K KWAP 60 x 60. WALL OF VENTILATION SHUNT (GARAGE VENTILATION) WITH CONTACT TO APARTMENT WILL BE THERMALLY INSULATED BY MINERAL WOOL ORSTECH 65x, 1L 50 mm. ACOUSTIC TECHNOLOGICAL PROCEDURE OF MASONRY WILL BE DONE BY MANUFACTURER PRESCRIPTION.

**FIRE SAFETY**

INSTALLATION SHUNT IN APARTMENTS WILL BE CLOSED WITH CONCRETE IN THE LEVEL OF ADJUSTING REINFORCED CONCRETE SLAB AFTER ALL THE INSTALLATIONS IN PLACE. FIRE PROOFING OF OPENINGS FOR INSTALLATION USE TECHNICAL RESIST FOR FIRE SAFETY. IN STAIRCASE AREA AND MAIN CORRIDORS WILL BE INSTALLED FIRE RESISTANT UNDERCEILING EEP FROM ABOVE - RWAF 012 - 16x175. DOORS INCLUDING DOORCASES HAVE TO COMPLY WITH DESCRIBED BY THE SAFETY.

**ROOFS AND TERRACES**

ROOFS WILL BE EQUIPPED WITH ANTI-FALL SYSTEM AND SYSTEM FOR MAINTENANCE.

**UNDERGROUND LEVEL**

INSTALLATION JOINT IN UNDERGROUND FLOOR COVER WITH PLASTIC RING. SOLUTION JOINT IN UNDERGROUND FLOOR COVER WITH PLASTIC RING OF 150 - 200 mm UNDER BOTTOM LEVEL OF REINFORCED CONCRETE SLAB (UNDERCEILING). 24 DOORS RIGHT NEXT TO COMMUNICATION, CONCRETE UPSIDE OF HEIGHT 250 mm WILL BE MADE.

APARTMENT NO.	TYPE	ROOM PURPOSE	AREA (m <sup>2</sup> )	COMPOSITION	FLOORING	WALLS SURFACE	CEILING
002	2-KC	01 HALL	4.78	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		02 BATHROOM + TOILET	4.21	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03a LIVING ROOM	17.34	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03b KITCHEN CORNER	4.41	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		04 ROOM	13.68	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		05 STORAGE	2.40	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		06 ROOM	16.00	R3	CONCRETE TILES		
		07 GARDEN WITH TERRACE	24.00	R4	CONCRETE TILES		
			87.83				

APARTMENT NO.	TYPE	ROOM PURPOSE	AREA (m <sup>2</sup> )	COMPOSITION	FLOORING	WALLS SURFACE	CEILING
003	3-KC	01 HALL	10.58	H1	CERAMIC TILES	LIMECEMENT PLASTER	UNDERCEILING SOKP
		02 BATHROOM	4.21	H1	CERAMIC TILES	LIMECEMENT PLASTER	UNDERCEILING SOKP
		03a LIVING ROOM	22.59	H1	WOODEN FLOOR	LIMECEMENT PLASTER	UNDERCEILING SOKP
		03b KITCHEN CORNER	5.71	H1	WOODEN FLOOR	LIMECEMENT PLASTER	UNDERCEILING SOKP
		04 ROOM	12.92	H1	WOODEN FLOOR	LIMECEMENT PLASTER	UNDERCEILING SOKP
		05 ROOM	14.38	H1	WOODEN FLOOR	LIMECEMENT PLASTER	UNDERCEILING SOKP
		06 TOILET	2.14	H1	CERAMIC TILES	LIMECEMENT PLASTER	UNDERCEILING SOKP
		07 STORAGE	2.58	H1	CERAMIC TILES	LIMECEMENT PLASTER	UNDERCEILING SOKP
		08 TERRACE	76.48	R3	CONCRETE TILES		
		09 GARDEN WITH TERRACE	19.17	R4	CONCRETE TILES		
		10 GARDEN	83.33				
		11 GARDEN	28.29				
			281.24				

APARTMENT NO.	TYPE	ROOM PURPOSE	AREA (m <sup>2</sup> )	COMPOSITION	FLOORING	WALLS SURFACE	CEILING
004	2-KC	01 HALL	5.92	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		02 BATHROOM+TOILET	15.37	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03a LIVING ROOM	15.89	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03b KITCHEN CORNER	5.54	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		04 ROOM	13.98	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		05 STORAGE	2.80	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		06 TERRACE	23.63	H1	CONCRETE TILES		
		07 GARDEN WITH TERRACE	18.40	R3	CONCRETE TILES		
		08 GARDEN	66.80	R4	CONCRETE TILES		
			166.32				

APARTMENT NO.	TYPE	ROOM PURPOSE	AREA (m <sup>2</sup> )	COMPOSITION	FLOORING	WALLS SURFACE	CEILING
005	1-KC	01 HALL	3.60	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		02 BATHROOM+TOILET	3.60	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03a LIVING ROOM	15.89	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03b KITCHEN CORNER	2.88	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		04 TERRACE	12.22	R3	CONCRETE TILES		
		05 GARDEN WITH TERRACE	44.08	R4	CONCRETE TILES		
			82.23				

APARTMENT NO.	TYPE	ROOM PURPOSE	AREA (m <sup>2</sup> )	COMPOSITION	FLOORING	WALLS SURFACE	CEILING
006	2-KC	01 HALL	3.80	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		02 BATHROOM	4.57	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03a LIVING ROOM	16.77	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03b KITCHEN CORNER	4.27	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		04 ROOM	13.17	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		05 TERRACE	20.97	R3	CONCRETE TILES		
		06 GARDEN WITH TERRACE	72.36	R4	CONCRETE TILES		
			134.55				

APARTMENT NO.	TYPE	ROOM PURPOSE	AREA (m <sup>2</sup> )	COMPOSITION	FLOORING	WALLS SURFACE	CEILING
007	2-KC	01 BATHROOM AND TOILET	4.65	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		02 BATHROOM	4.78	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03a LIVING ROOM	16.77	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03b KITCHEN CORNER	6.27	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		04 ROOM	14.10	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		05 STORAGE	3.63	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		06 TERRACE	23.61	R3	CONCRETE TILES		
		07 GARDEN WITH TERRACE	59.19	R4	CONCRETE TILES		
			133.90				

APARTMENT NO.	TYPE	ROOM PURPOSE	AREA (m <sup>2</sup> )	COMPOSITION	FLOORING	WALLS SURFACE	CEILING
008	2-KC	01 BATHROOM AND TOILET	5.99	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		02 BATHROOM	4.78	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03a LIVING ROOM	16.87	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03b KITCHEN CORNER	5.37	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		04 ROOM	14.10	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		05 STORAGE	2.70	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		06 TERRACE	18.40	R3	CONCRETE TILES		
			74.81				

APARTMENT NO.	TYPE	ROOM PURPOSE	AREA (m <sup>2</sup> )	COMPOSITION	FLOORING	WALLS SURFACE	CEILING
009	1-KC	01 HALL	12.30	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		02 BATHROOM+TOILET	5.11	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03a LIVING ROOM	20.02	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03b KITCHEN CORNER	4.70	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		04 TERRACE	50.96	R3	CONCRETE TILES		
			85.51				

APARTMENT NO.	TYPE	ROOM PURPOSE	AREA (m <sup>2</sup> )	COMPOSITION	FLOORING	WALLS SURFACE	CEILING
01		01 ENTRANCE HALL	17.30	H1	CERAMIC TILES	LIMECEMENT PLASTER	UNDERCEILING SOKP
		02 TERRACE	5.49	H1	CERAMIC TILES	LIMECEMENT PLASTER	UNDERCEILING SOKP
		03 CORRIDOR	7.05	H1	CERAMIC TILES	LIMECEMENT PLASTER	UNDERCEILING SOKP
		04 CORRIDOR	5.78	H1	CERAMIC TILES	LIMECEMENT PLASTER	UNDERCEILING SOKP
		05 STRALLER ROOM	9.52	H1	CERAMIC TILES	LIMECEMENT PLASTER	UNDERCEILING SOKP
			86.02				

APARTMENT NO.	TYPE	ROOM PURPOSE	AREA (m <sup>2</sup> )	COMPOSITION	FLOORING	WALLS SURFACE	CEILING
010	1-KC	01 HALL	4.56	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		02 BATHROOM+TOILET	4.21	H1	CERAMIC TILES	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03a LIVING ROOM	22.06	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		03b KITCHEN CORNER	4.34	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		04 CORRIDOR	4.96	H1	WOODEN FLOOR	LIMECEMENT PLASTER	LIMECEMENT PLASTER
		05 TERRACE	20.54	R3	CONCRETE TILES		
			85.51				



STAIRAGE UL DOOR 700/1970  
 LIVING ROOM UL DOOR 800/1970  
 BATHROOM UL DOOR 700/1970  
 D01  
 GARAGE ENTRANCE UL DOOR 700/1970  
 STAIRCASE ENTRANCE UL DOOR 700/1970  
 DOORS INSIDE FIRE COMPARTMENT TO STORAGE AREA UL 800/1970  
 ENTRANCE DOUBLE DOOR SET 1000/1970  
 D11  
 BALCONY DOUBLE DOOR SET 2000/1970  
 D12  
 BALCONY TRIPLE DOOR SET 3000/1970  
 D13

BE - BOTTOM EDGE  
 TE - TOP EDGE

±0.000 = +262.450 BpV

**E : ELECTRICITY AND FIRE SAFETY**

**LEGEND OF MATERIALS**

MASONRY, REINFORCED CONCRETE

- REINFORCED CONCRETE C30/37
- POROTHERM 25 AKU SYM P15, M10
- POROTHERM 19 AKU SYM P10, M10
- POROTHERM 17.5 P-D P8, M2.5 - PARTITIONS
- POROTHERM 11.5 AKU P10, M2.5 - PARTITIONS

**INSULATIONS**

- THERMAL INSULATION - EXPANDED POLYSTYRENE
- THERMAL INSULATION - EPS

**WINDOWS**

W1  
 W2  
 W3

**RAILINGS**

- R1 - BALCONY RAILING TYPE 1
- R2 - BALCONY RAILING TYPE 2
- R3 - FRENCH WINDOW RAILING
- R4 - STAIRCASE RAILINGS
- R5 - APARTMENT GARDENS RAILING TYPE 1
- R6 - APARTMENT GARDENS RAILING TYPE 2

PROJECT: **RESIDENTIAL BUILDING**

CONCEPT: **BACHELOR THESIS - RESIDENTIAL BUILDING**

CREATED BY: **Ing. Malia Noori, Ph.D.**

PART: **BUILDING STRUCTURE**

DRAWING: **1ST FLOOR**

DATE: **05 / 2018**

SCALE: **1 : 50**

DRAWING NO.: **3.**

Author: **Malathe Alkhatieb**

Checked by: **Ing. Malia Noori, Ph.D.**

Approved by: **Ing. Malia Noori, Ph.D.**

Project: **RESIDENTIAL BUILDING**

Part: **BUILDING STRUCTURE**

Drawing: **1ST FLOOR**

Date: **05 / 2018**