



LIST OF NEW UTILITY LINES AND CONNECTIONS		
	COMBINED BUILDING SEWER	EARTHENWARE PIPE
	HEAT DISTRIBUTION	INSULATED STEEL PIPE
	POWER CONNECTION	ELECTRICITY CABLE
	WATER SUPPLY CONNECTION	HIGH DENSITY POLYETHYLENE
LIST OF CURRENT UTILITY LINES		
	COMB. SEWER MAIN IN CHANNEL	BEO PIPE
	COMBINED SEWER MAIN	BEO PIPE
	MUNICIPAL HEAT DISTRIBUTION	INSULATED STEEL PIPE
	LOW VOLTAGE ELECTRICITY LINE	ELECTRICITY CABLE
	WATER SUPPLY LINE	CAST IRON PIPE
	PUBLIC LIGHTENING	ELECTRICITY CABLE
	COMMUNICATION LINE	ELECTRICITY OR OPTIC CABLE
	LOW PRESSURE GAS LINE	STEEL PIPE
LIST OF INFILLS		
	PUBLIC STREET - ASPHALT	
	PUBLIC PAVEMENT (SIDEWALK) - ASPHALT	
	PARKING LOT - INTERLOCKING CONCRETE TILES (BO 05)	
	PONDS AND STREAMS (BO 06)	
	NEIGHBOURING PLOTS	
	NEIGHBOURING BUILDINGS	
	PAVEMENT - INTERLOCKING CONCRETE TILES (BO 03)	
	BUILDINGS CONCERNED (OBJECT "P" AND OBJECT "W")	
	VEGETATION - GRASS (BO 06)	
MEASUREMENT AND INSPECTION OBJECTS		
WATER METER SHAFT		
• MARK	WM-P - OBJECT P, WM-W - OBJECT W	
• MATERIAL	PLASTIC (PP) - EKONA VS-K 15	
• DIMENSIONS	1 500 x 1 000 mm WITH PLASTIC COVER d. 600 mm	
REVISION SHAFT		
• MATERIAL	REINFORCED CONCRETE RING	
• DIMENSIONS	d. 1 200 mm WITH CAST IRON d. 600 mm	
POWER JUNCTION		
• MARK	PJ-P - OBJECT P, PJ-W - OBJECT W	
• MATERIAL	THERMOSET PLASTIC - ELAPLAST PS1 100A HH WITH LOCK	
• DIMENSIONS	272 x 303 x 113 mm	
• NETWORK	3 PEN -50 Hz 400/230 V / TN-C, PROTECTION BY AUTOMATIC DISCONNECTION	
OIL RETENTION TANK		
• MATERIAL	PLASTIC (PP) - ŠPAČEK PLAST LTF3	
• DIMENSIONS	1 760 x 1 500 x 1 200 mm WITH PLASTIC COVER	
DIVISION OF OBJECTS		
BUILDINGS	OTHER BUILDING WORKS	CONNECTIONS
BO 01 OBJECT P	BO 03 PAVEDAREAS	BO 08 WATER SUPPLY
BO 02 OBJECT W	BO 04 ROADS	BO 09 SEWERAGE
	BO 05 PARKING LOT	BO 10 MUNICIPAL HEATING
	BO 06 GARDENS AND VEGETATION	BO 11 ELECTRICITY
	BO 07 FENCE	
AREAS		
OBJECT "P"	1 776,12 m <sup>2</sup>	
OBJECT "W"	1 873,39 m <sup>2</sup>	
PAVEMENTS	4 538,68 m <sup>2</sup>	
ROADS AND PARKING	6 410,57 m <sup>2</sup>	
VEGETATION	9 453,03 m <sup>2</sup>	
PONDS AND STREAMS	693,18 m <sup>2</sup>	
PLOT AREA	24 597,61 m <sup>2</sup>	
BUILT-UP AREA	14,84%	
ADDITIONAL INFORMATION		
• FURTHER GARDEN ARRANGEMENTS WILL BE CONSULTED WITH GARDEN ARCHITECT		
• BEFORE REALIZATION OF CONNECTIONS THE CURRENT UTILITY LINES WILL BE LAYED OUT		
• PROTECTION ZONE OF UTILITY LINES IS 1 m UNLES STATED OTHERWISE		
• AROUND BOTH BUILDINGS "P" AND "W" WILL WILL BE INTERLOCKING PAVEMENT OF WIDTH 1 m SLOPED AWAY FROM THE CONSTRUCTION		
• IF RADIAL DIMENSION OF PAVEMENT IS NOT SPECIFIED IN THE DRAWING - IT IS EQUAL TO VALUE 1,5 m		
• IF RADIAL DIMENSION OF A ROAD OF THE PARKING LOT IS NOT SPECIFIED IN THE DRAWING IT IS EQUAL TO VALUE 2,5 m		
• UTILITY LINES UNDER ROADS WILL BE PROTECTED BY STEEL PIPES WITH APPROPRIATE DIMENSION		
• CORNERS OF THE OF THE PLOT AND ALL OBJECTS WILL BE EXACTLY POSITIONED BY GPS		
• CURB OF PAVEMENT WILL HAVE DIMENSIONS 50x250, CURB OF ROAD WILL HAVE DIMENSIONS 150x250		
• IF NOT SPECIFIED, BORDER OF TEMPORARILY OCCUPIED AREA IS AT LEAST 1,5 m PERPENDICULARLY FROM THE UTILITY LINE		
• LENGTH AND HEIGHT DIMENSIONS ARE IN [m]		
SYMBOLS		
	NEW DECIDUOUS TREE / NEW DECORATIVE TREE	
	NEW TREE IN CAST IRON PROTECTION RAFT	
	NEW LANDCAPING (GRADING)	
	BORDER OF TEMPORARILY OCCUPIED AREA	
	BORDER OF PERMANENTLY OCCUPIED AREA / BORDER OF PLOT / BORDER OF CONST. SITE	
	AREA SERVING AS TURNABOUT	

OBJECT "P" 0,000 = 219,762 m a.s.l.  
OBJECT "W" 0,000 = 218,579 m a.s.l.  
Coordinate system: S-JTSK  
Height system: BpV

MASTER'S THESIS

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UNIVERSITY RESIDENTIAL CENTRE

SITUATION

DATE

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SIZE

8xA4

SCALE

1:350

DRAWING ID

C02