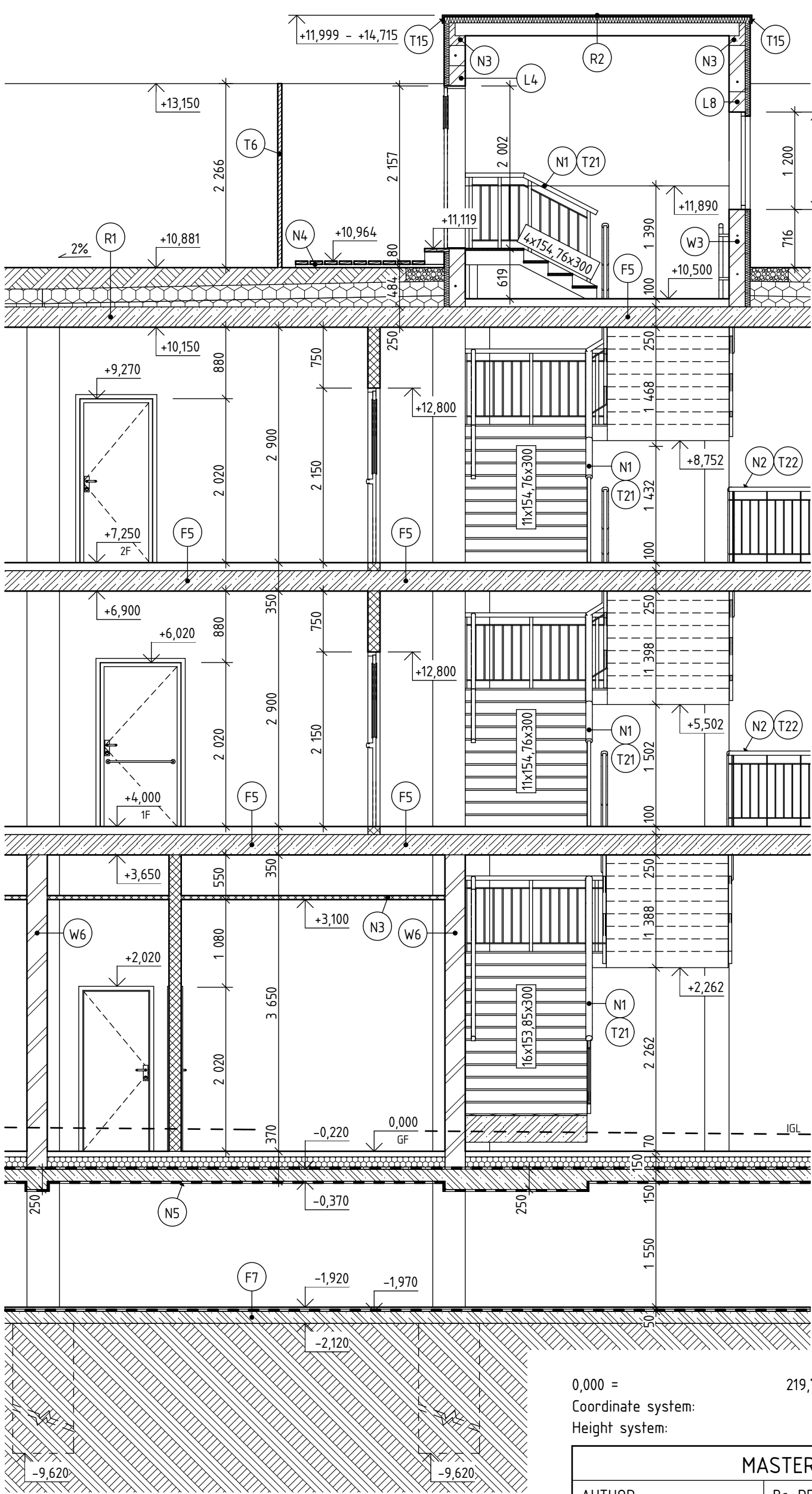
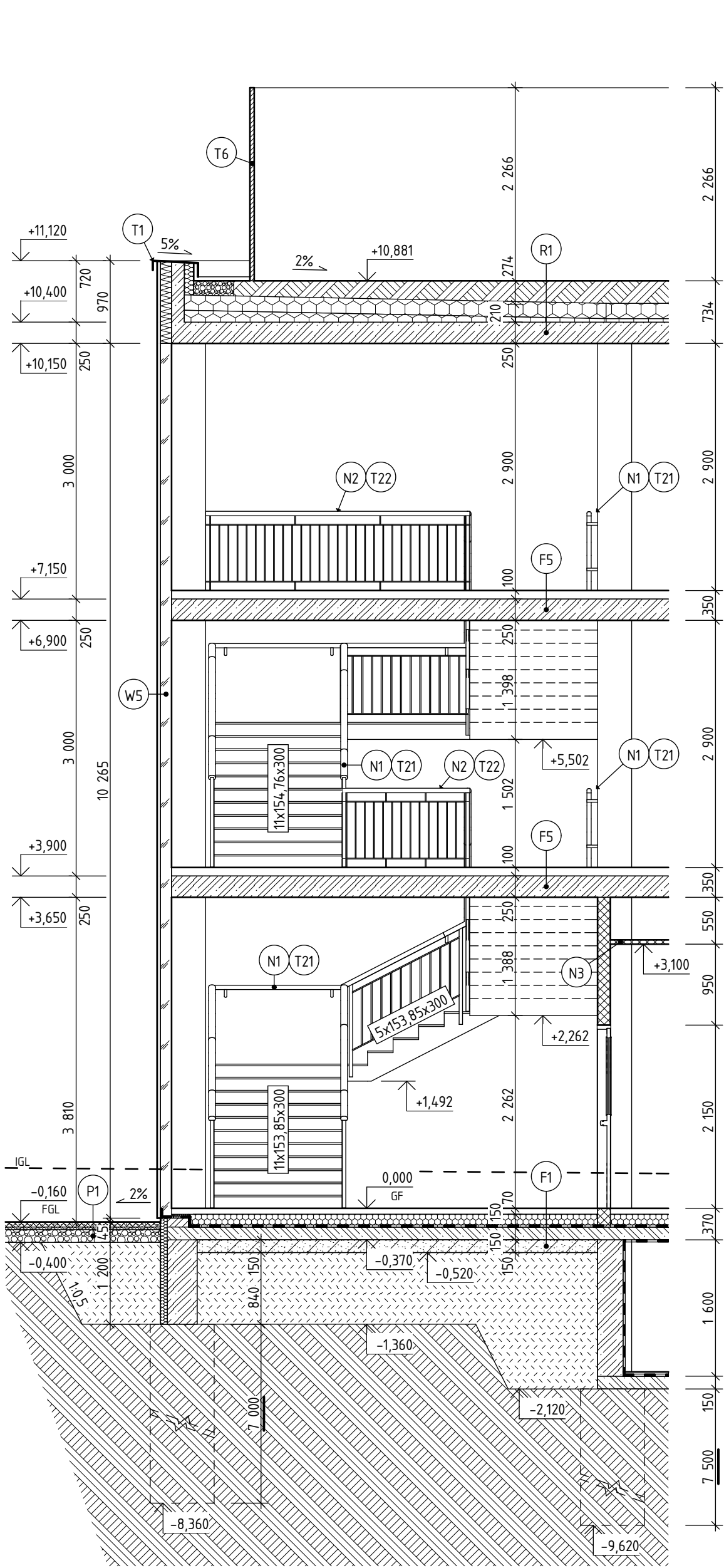


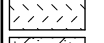


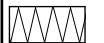

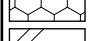





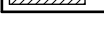
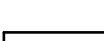
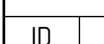


R1	EXTENSIVE TYPE FLORA	---
	» ZINCO "SEDUM CUTTINGS"	
	SYSTEM SUBSTRATE	60-226 mm
	HYDROACCUMULATION AND FILTRATION	20 mm
	» FIXODRAIN XD 20 WITH ZINCO FILTER SHEET PV	
	ROOT BARRIER	0,36 mm
	» ZINCO ROOT BARRIER WSF 40	
	TOP WATERPROOF LAYER	4 mm
	» ELASTEK 40 SPECIAL MINERAL (POLYESTER MAT)	
	BOTTOM WATERPROOF LAYER	4 mm
R2	» GLASTEK 40 SPECIAL MINERAL (GLASS FABRIC)	
	THERMAL INSULATION	180 mm
	» EPS 150 S (MINIMAL THICKNESS 220 mm)	
	THERMAL INSULATION - WEDGE 2%	40-312 mm
	» EPS 150 S	
	VAPOUR BARRIER	4 mm
	» GLASTEK 40 SPECIAL MINERAL (GLASS FABRIC)	
	FLOOR STRUCTURE	250 mm
	» REINFORCED CONCRETE SLAB C35/45 XC2, B500B	
	INTERIOR PLASTER	10 mm
F1	» SINGLE-LAYER PLASTER PROFIMIX JM 303	
	TOP WATERPROOF LAYER	4 mm
	» ELASTEK 40 SPECIAL MINERAL (POLYESTER MAT)	
	WATERPROOF LAYER	4 mm
	» GLASTEK 40 SPECIAL MINERAL (GLASS FABRIC)	
	THERMAL INSULATION	70 mm
	» EPS 150 S (MINIMAL THICKNESS 220 mm)	
	VAPOUR BARRIER	4 mm
	» GLASTEK 40 SPECIAL MINERAL (GLASS FABRIC)	
	FLOOR STRUCTURE	150 mm
F5	» YTONG FLOOR PANEL	
	INTERIOR PLASTER	10 mm
	» SINGLE-LAYER PLASTER PROFIMIX JM 303	
	FLOORING	3 mm
	» MARMOLEUM FORBO VIVACE	
	ADHESIVE	1 mm
	» FORBO EUROSAFE LINO PLUS (0,4 kg/m²)	
	LEVELING BOARDS	7 mm
	» FORBO QUICKFIT PANELS	
	DISTRIBUTION LAYER	60 mm
F7	» CONCRETE C20/25	
	THERMAL INSULATION	150 mm
	» EPS 150 S	
	TOP WATERPROOF LAYER	4 mm
	» GLASTEK 40 SPECIAL MINERAL	
	BOTTOM WATERPROOF LAYER	4 mm
	» GLASTEK 40 SPECIAL MINERAL	
	BASE SLAB	150 mm
	» CONCRETE C30/37 XC2, B500B	
	COMPACTED GRAVEL	150 mm
W3	» FRACTION 16-32 mm	
	SUBSOIL	---
	FLOORING	3 mm
	» MARMOLEUM FORBO VIVACE	
	ADHESIVE	1 mm
	» FORBO EUROSAFE LINO PLUS (0,4 kg/m²)	
	LEVELING BOARDS	7 mm
	» FORBO QUICKFIT PANELS	
	DISTRIBUTION LAYER	50 mm
	» CEMENT SCREED CEMFLOW	
W6	ACOUSTIC INSULATION	40 mm
	» MINERAL WOOL ISOVER T-N	
	FLOOR STRUCTURE	250 mm
	» REINFORCED CONCRETE SLAB C35/45 XC2, B500B	
	INTERIOR PLASTER	10 mm
	» SINGLE-LAYER PLASTER PROFIMIX JM 303	
	DISTRIBUTION LAYER	50 mm
	» CONCRETE SCREED	
	WATERPROOF LAYER	4 mm
	» FATRAFOL PVC	
W3	BASE SLAB	150 mm
	» REINFORCED CONCRETE SLAB C30/37 XC2, B500B	
	SUBSOIL	---
	INTERIOR PLASTER	10 mm
	» SINGLE-LAYER PLASTER PROFIMIX JM 303	
	WALL (INFILL)	250 mm
	» HELUZ AKU 25	
	INTERIOR PLASTER	10 mm
	» SINGLE-LAYER PLASTER PROFIMIX JM 303	
	PAINT	---
W3	» ACRYLIC PAINT CEMIX FAC	
	COATING	2 mm
	» MINERAL SCRATCH COAT CEMIX 058	
	ADHESIVE AND SMOOTHING COMPOUND	4 mm
	» CEMENT ADHESIVE COMPOUND PROFIMIX LM 710	
	THERMAL INSULATION	60 mm
	» KINGSPAN KOOLTHERM K5 PIR PANELS	
	ADHESIVE	4 mm
	» CEMENT ADHESIVE COMPOUND PROFIMIX LM 710	
	MASONRY (LOAD-BEARING)	190 mm
W3	» YTONG P4-500	
	INTERIOR PLASTER	10 mm
	» SINGLE-LAYER PLASTER PROFIMIX JM 303	
	PAINT	---
	» ACRYLIC PAINT CEMIX FAC	
	COATING	2 mm
	» MINERAL SCRATCH COAT CEMIX 058	
	ADHESIVE AND SMOOTHING COMPOUND	4 mm
	» CEMENT ADHESIVE COMPOUND PROFIMIX LM 710	
	THERMAL INSULATION	60 mm



0,000 = 219,762 m a.s.l.
Coordinate system: S-JTSK
Height system: BpV

MASTER'S THESIS		 BRNO UNIVERSITY OF TECHNOLOGY FACULTY OF CIVIL ENGINEERING INSTITUTE OF BUILDING SCIENCES	
AUTHOR	Bc. PETR DVOŘÁK		
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UNIVERSITY RESIDENTIAL CENTRE			
SECTION Da-Da' AND Db-Db'		DATE	21.1.2014
		SIZE	4 x A4
		SCALE	1:50
		DRAWING ID	C07

LIST OF HATCHES	
	ORIGINAL SUBSOIL
	SOIL INFILL
	COMPACTED GRAVEL
	PAVEMENT COMPOSITION P1
	GRAVEL
	THERMAL INS. KINGSPAN KOOLTHERM K15 (PIR)
	THERMAL INS. XPS STYRODUR 2800 C
	EPS 150 S HORIZONTAL THERMAL INSULATION (AND WEDGES)
	MASONRY INFILL HELUZ AKU 25
	PLASTERBOARD PARTITION KNAUF W113 (OR SPECIFIED OTHER)
	REINFORCED CONC. OF FOUNDATION BEAMS, C30/37 XC2, B500B
	REINFORCED C. OF WALLS AND COLUMNS, C30/37 XC4, B500B
	REINFORCED CONCRETE OF FLOOR SLABS, C35/45 XC2, B500B
	REINFORCED CONCRETE OF BASE SLABS, C30/37 XC2, B500B
	STEEL PIPE, FENCE STAND

NOTES AND INFORMATION	
ID	DESCRIPTION
N1	STAIRCASE BALUSTRADE WITH HEIGHT 1000 mm IS CHOSEN BY THE INVESTOR
N2	RAILING WITH HEIGHT 1 000 mm AND DESING CHOSEN BY THE INVESTOR
N3	REINFORCED CONCRETE C30/37 RING BEAM 200x120 mm AND INFILL
N4	WOOD-PLASTIC RAFT (WALK) FROM PROFILES 150x40 mm ANCHORED LIKE THE SAFETY FENCE
N5	PVC WATERPROOFING FATRAFOL AND PLATON WRAP TOGETHER ANCHORED BY SCREWS WITH WALL PLUGS
ADDITIONAL NOTES	
» STAIRCASE FROM REINFORCED CONCRETE C30/37 (SEE FLOOR STRUCTURE DRAWING)	
» DISTRIBUTION SLAB (C20/25) IS REINFORCED BY MESH (KARI) WITH SPACING 150x150 mm DOUBLED UNDER MASONRY	
» PARTITIONS IN THICKNESS 100 mm ARE KNAUF W111 TYPE (KNAUF WHITE) AND 150 mm ARE KNAUF W112 (KNAUF WHITE) WITH R _{w,R} 45 AND 55 dB	
» WALLS, THERMAL INSUALTION AND FACADE HAVE EXPANSION JOINTS ACCORDING TO FLOOR STRUCTURE DRAWING	
» REAL DIMENSIONS AND POSITIONS OF WINDOWS AND DOORS WILL BE MEASURED IN SITU	
» LENGTH DIMENSIONS ARE IN [mm] AND HEIGHT DIMENSIONS IN [m]	