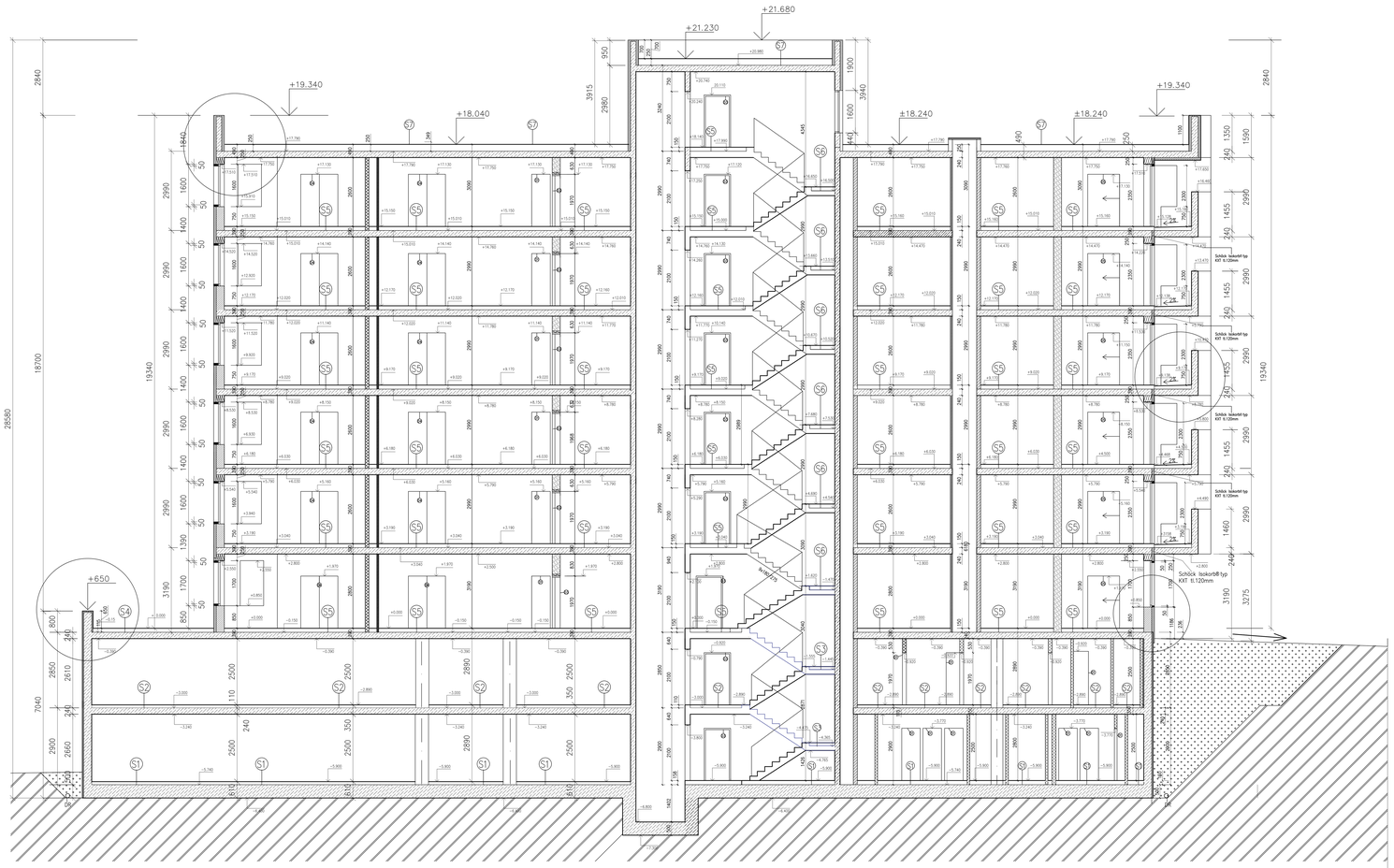

MATERIAL LEGEND :

- LOAD BEARING REINFORCED CONCRETE WALL CONCRETE C30/37 ; REINFORCEMENT B500B
- Envolpe porotherm 30 T porfi Rw = 45 dB Reaction to fire: A1 – incombustible Fire resistance: REI 90 DP1
- INTERNAL MASONRY POROTHERM 11,5 AKU Rw = 47 (−2; −5) dB , Reaction to fire: A1 – incombustible
- POROTHERM 30 P+D , Rw = 52 Fire dividing wall with double-sided plaster Reaction to fire: A1 – inc
- POROTHERM 14 P+D , Rw = 44 dB at a basis weight of masonry including plaster thickness. 15 mm 182 kg / m2
- POROTHERM 8 P+D , Rw = 39 db at minimum basis weight masonry 15 mm 120 kg / m2 , Reaction to fire: A1 – incombustible
- Thermal insulation Rockwool fasrocktl.100mm a 150mm
  Thermal insulation styrodur tl. 50mm up to 500mm above UT level Fastrock below UT level styrodur tl.50mm
- Backfill soil
- Subsoil – terrain

Composition S1:

Slab on grade basement parking composition

–Bautch car praking finishes	tl.10mm
–leveling screed	tl.150mm
–vapor barrier Pe folie	tl.150mm
–Bitumen water proofing A 500H	tl.0.8mm , 1,02kg/m2
–Geomatex TST seperation layer	
TOTAL TL.	168mm – 160mm

Composition S2:

–1.pp Car parking composition

–Bautch car praking finishes	tl.10mm
–leveling screed	tl.100mm
TOTAL TL.	310mm – 312mm

Composition S3:

basement Stair landing composition

–Bautch car praking finishes	tl.10mm
–leveling screed	tl.100mm
–Monolithic RC landing	tl.180mm
TOTAL TL.	290mm

Composition S4:

parking roof composition function as terrace

–ceramic finishes 200x200 frost resist	tl.10mm
–flexible cemflex rubber based tile adhesive	
–Stafol hydroinsulation	tl.0.8mm , 1,02kg/m2
–vapor barrier	
–leveling screed	tl.20–40mm
–diffusion close geotextile	
–thermal insulation styrodur 4000cs	tl.100mm
–vapor barrier	
–Monolithic RC slab	tl.240mm
TOTAL TL.	380 – 390mm

Composition S5:

Typical floor compostion

–PVC plank	tl.4mm, 2.2kg/m2
–leveling screed	tl.50 –60mm
–diffusion open underlayer membrane	
–impact sound insulation – foamglass	tl.100mm
–Monolithic RC slab	tl.240mm
TOTAL TL.	390–395mm

Composition S6:

Typical stair landing composition

–PVC plank	tl.4mm, 2.2kg/m2
–Glue	
–leveling screed	tl.50mm,
–impact sound insulation – polyfor	tl.80–100mm
–Landing RC	tl.240mm
TOTAL TL.	150mm – 154mm

Composition S7:

Accessible roof composition:

–ceramic finishes 200x200 frost resist	tl.10mm
–flexible cemflex rubber based tile adhesive	tl.40mm
–vapor barrier	
–thermal insulation styrodur 4000cs	tl.100mm
–Stafol hydro insulation	tl.0.8mm , 1,02kg/m2
–thermal insulation styrodur 4000cs	tl.100mm
–monolithic RC slab	tl.240mm
TOTAL TL.	490–500mm

±0 ≡ 259,90 m n.m.Bpv

Subject:	Department:	student name:
Thesis	Building structures	Hikmatullah Salarziy
Year	Supervisor	
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SECTION

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