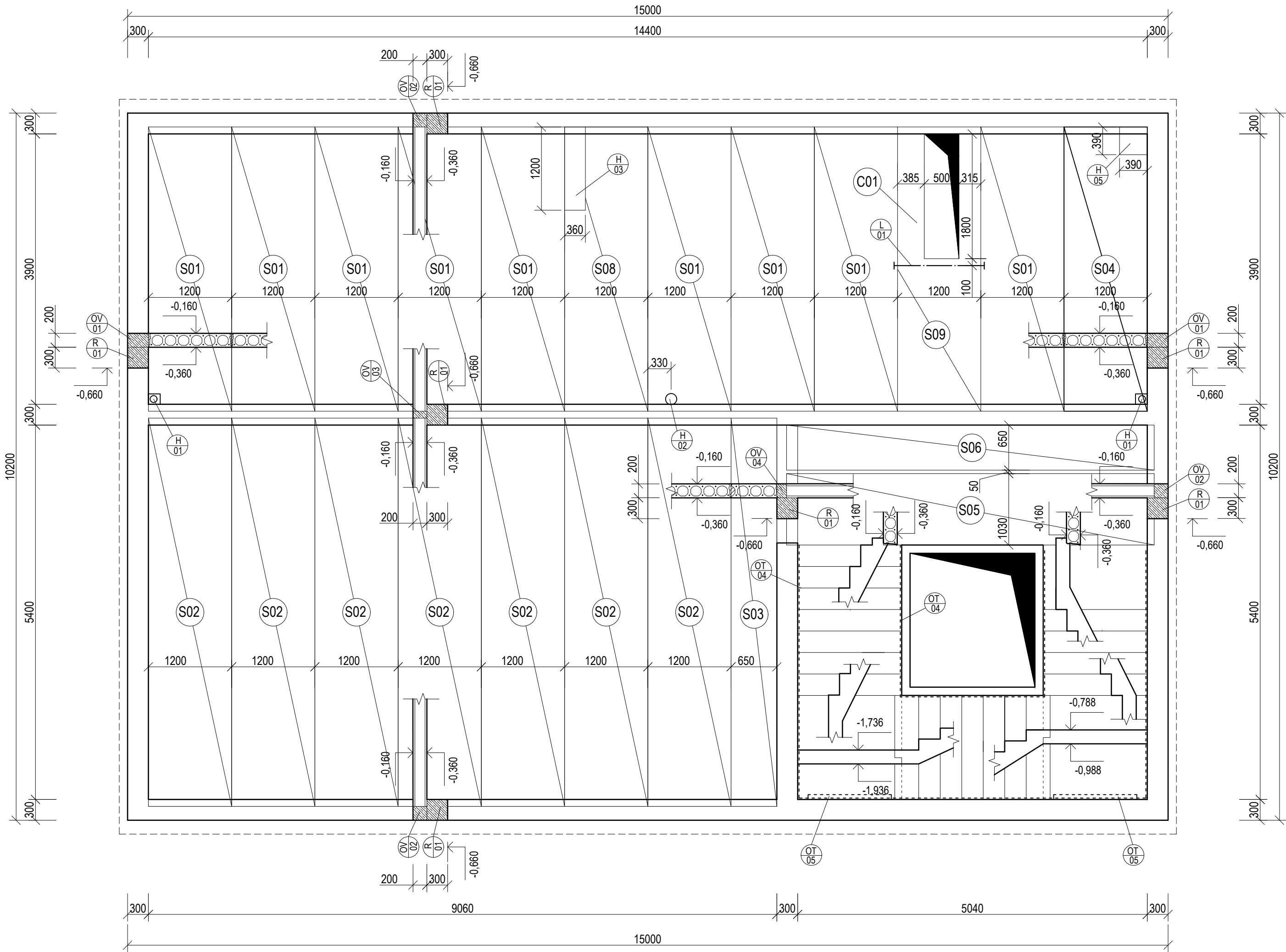


D.1.2.03 FLOOR STRUCTURE ABOVE 1.S



LEGEND OF SYMBOLS:

- OV 01 CONCRETE OVERLAY, PLAIN CONCRETE - C25/30, Hxw 200x300mm
- OV 02 CONCRETE OVERLAY, PLAIN CONCRETE - C25/30, Hxw 200x200mm
- OV 03 CONCRETE OVERLAY, PLAIN CONCRETE - C25/30, Hxw 200x100mm
- OV 04 CONCRETE OVERLAY, PLAIN CONCRETE - C25/30, Hxw 200x150mm
- L 01 SLAB HANGER - STEEL BEAM, HxW 200x1200mm
- R 01 REINFORCED CONCRETE RING - C25/30, B500B, HxW 300x300mm
- H 01 RECTANGULAR HOLE IN SPIROLL PANEL 170x150mm, MEASURED FROM THE EDGE
- H 02 CIRCULAR HOLE IN SPIROLL PANEL 160mm, 315mm FORM THE EDGE TO THE AXIS
- H 03 RECTANGULAR HOLE IN SPIROLL PANEL FOR PART OF THE SHAFT 360x1200mm
- H 05 RECTANGULAR HOLE IN SPIROLL PANEL FOR THE THE SHAFT 390x390mm
- OT 05 CHEMICAL ANCHOR AND LOAD-BEARING L PROFILE WITH IMPACT SOUND INSULATION, SEE LIST OF ELEMENTS

SCHEDULE OF PRESTRESSED SPIROLL PANELS

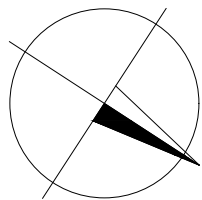
SYMBOL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	PIECES	HOLES
S01	1200	4100	200	9	-
S02	1200	5600	200	7	-
S03	650	5600	200	1	-
S04	1200	4100	200	1	390x390mm
S05	1030	5300	200	1	-
S06	650	5300	200	1	-
S08	1200	4100	200	1	360x1200mm
S09	1200	2100	200	1	-

SCHEDULE OF REINFORCED CONCRETE SLABS

SYMBOL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	PIECES	HOLES
C01	1200	2000	200	1	500x1800mm

NOTES:

- AROUND THE WHOLE PERIMETER AND ON LOAD-BEARING WALLS WILL BE REINFORCED CONCRETE RING
- SPIROLL PANELS WILL REST ON THE REINFORCED CONCRETE RING BEAM WITH A MINIMUM OVERLAP OF 100 mm,THE REST WILL BE CONCRETE OVERLAY
- A CONCRETE GROUT C 25/30 WITH EMBEDDED GROUT REINFORCEMENT WILL BE APPLIED BETWEEN THE PANELS. THE GROUTING MUST BE COMPLETED BEFORE LOADING THE COMPONENTS, WITH LOADING ALLOWED ONLY AFTER ACHIEVING 70% OF THE GROUT'S CONCRETE STRENGTH.
- BEFORE APPLYING THE GROUT, ALL DIRT AND DEBRIS MUST BE REMOVED FROM THE JOINTS. GROUT REINFORCEMENT: Ø 8 MM, STEEL GRADE MINIMUM V 10425, GROUT CONCRETE MINIMUM C 20/25, MAXIMUM AGGREGATE SIZE 8 MM, SOFT CONSISTENCY, WITH PLASTICIZER ADDED.
- THE VOIDS AT THE ENDS OF THE PANELS WILL BE SEALED WITH PLUGS.
- ELEVATOR WILL BE DESIGNED IN SEPARATE PROJECT DOCUMENTATION (NOT PART OF THIS WORK)
- ELEVATOR SHAFT AND STAIRCASES ARE PREFABRICATED, STAIRCASE IS ACOUSTICALLY SEPARATED FROM OTHER LOAD-BEARING STRUCTURES BY SHOCK SYSTEM
- STAIRCASE HALF-LANDING IS PLACED ONTO L PROFILE SECURED BY CHEMICAL ANCHORS
- STAIRCASE IS DILATED FROM OTHER STRUCTURES BY 25mm THICK DILATATION GAP FILLED WITH SYLOMER MAT AGAINST IMPACT SOUND, SYLOMER MAT IS ALSO ON PARTS WHERE STAIRCASE MEETS WITH SLAB/LANDING
- ALL REINFORCED CONCRETE ELEMENTS WILL BE DESIGNED ACC TO STRUCTURAL DESIGN DESIGNED BY CHARTERED ENGINEER (NOT PAR OF THIS WORK)
- THE PREFABRICATED COMPONENTS ARE PRELIMINARILY DESIGNED AND SERVE AS A BASIS FOR PREFABRICATION. DIMENSIONS MUST BE SPECIFIED AFTER CONSULTATION WITH THE MANUFACTURER
- DURING ALL CONSTRUCTION WORKS IT IS IMPORTANT TO FOLLOW LEGAL REGULATION, NORMS, TECHNOLOGICAL PROCEDURES AND BOZP



0.000 =240,24 m.a.s.l., B.H.S. / COORDINATE SYSTEM S-JTSK		<div><div>T</div><div>FAKULTA STAVEBNÍ Ústav pozemního stavitelství</div></div>	
COURSE	DIPLOMA THESIS		
DRAWN BY	BARBORA HUSÁROVÁ		
SUPERVISED BY	ING. JAN MÜLLER PH.D.		
INVESTOR		POŘADÍ, 687 51 NIVNICE, PARCELS No. 65, 64, 63, 61 ,57	
LOCATION			
PROJECT TITLE	MUNICIPAL CENTRE IN NIVNICE	PAPER FORMAT 594x420 DATE 01/2025 PROJ. PHASE DPS SCALE 1:50 DRAWING NO. D.1.2.03	
BUILDING OBJECT	BO 01 MUNICIPAL CENTRE		
PART	D.1.2 BUILDING STRUCTURAL SOLUTION		
DRAWING TITLE:	FLOOR STRUCTURE ABOVE 1.S		