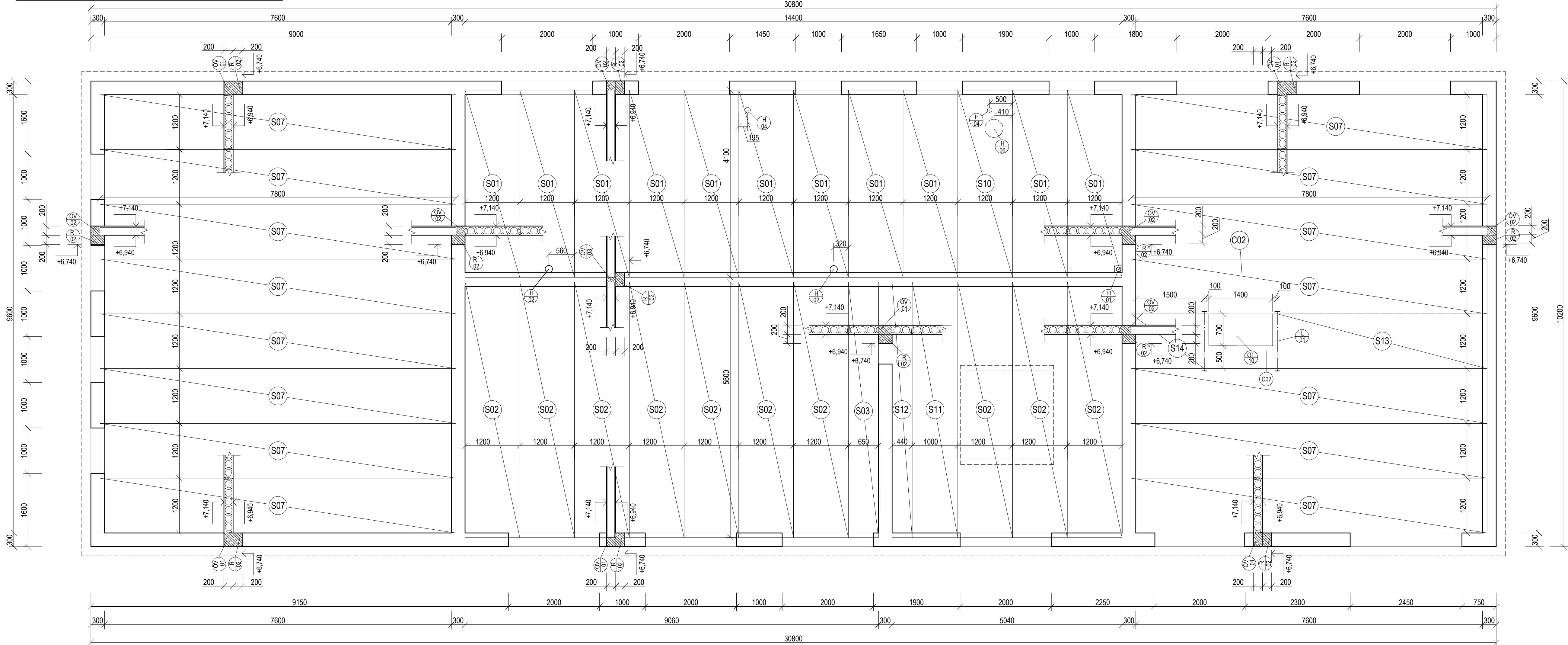


D.1.2.05 FLOOR STRUCTURE ABOVE 2.NP



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

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
- OT 10 ROOF ACCESS WITH ATTIC LADDER 700x1400mm, SEE LIST OF ELEMENTS

SCHEDULE OF PRESTRESSED SPIROLL PANELS

SYMBOL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	PIECES	HOLES
S01	1200	4100	200	12	-
S02	1200	5600	200	10	-
S03	650	5600	200	1	-
S07	1200	7800	200	15	-
S10	1200	4100	200	1	r 400 mm
S11	1000	5600	200	1	-
S12	440	5600	200	1	-
S13	1200	4600	200	1	-
S14	1200	1600	200	1	-

SCHEDULE OF REINFORCED CONCRETE SLABS

SYMBOL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	PIECES	HOLES
C02	1200	1600	200	1	700x1400mm

0,000 =240,24 m.a.s.l., B.H.S. / COORDINATE SYSTEM S-JTSK

COURSE	DIPLOMA THESIS	<div><div></div><div>FAKULTA STAVEBNÍ</div><div>stav</div><div>pozemního stavitelství</div></div>	
DRAWN BY	BARBORA HUSÁROVÁ		
SUPERVISED BY	ING. JAN MÜLLER PH.D.		
INVESTOR	-		
LOCATION	POŘADÍ, 687 51 NIVNICE, PARCELS No. 65, 64, 63, 61, 57	<div><div>PAPER FORMAT</div><div>840x420</div><div>DATE</div><div>01/2025</div><div>PROJ. PHASE</div><div>DPS</div><div>SCALE</div><div>1:50</div><div>DRAWING NO.</div><div>D.1.2.05</div></div>	
PROJECT TITLE	MUNICIPAL CENTRE IN NIVNICE		
BUILDING OBJECT	BO 01 MUNICIPAL CENTRE		
PART	D.1.2 BUILDING STRUCTURAL SOLUTION		
DRAWING TITLE:	FLOOR STRUCTURE ABOVE 2.NP		