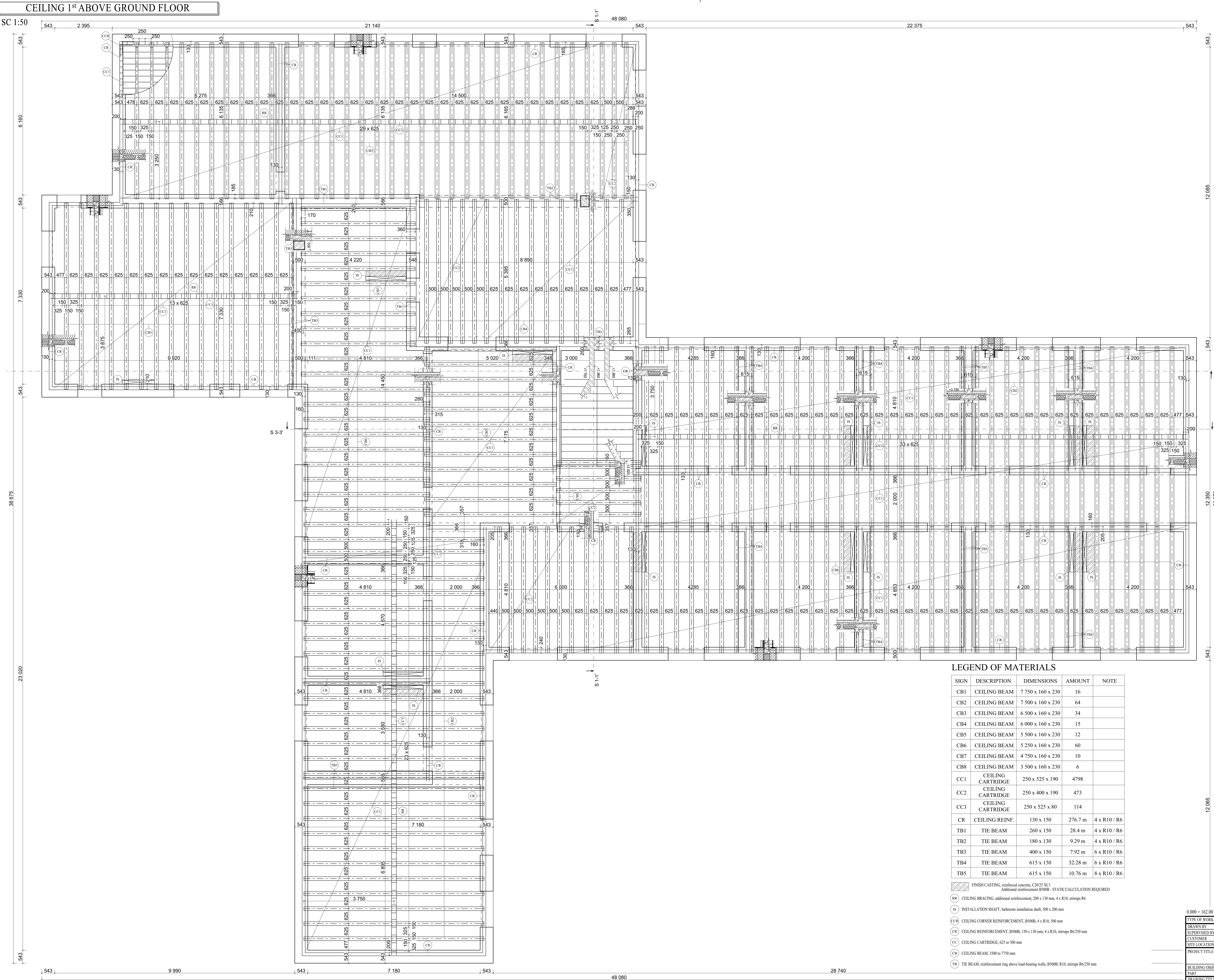


CEILING 1st ABOVE GROUND FLOOR

SC 1:50



LEGEND OF MATERIALS

SIGN	DESCRIPTION	DIMENSIONS	AMOUNT	NOTE
CB1	CEILING BEAM	7 750 x 160 x 230	16	
CB2	CEILING BEAM	7 500 x 160 x 230	64	
CB3	CEILING BEAM	6 500 x 160 x 230	34	
CB4	CEILING BEAM	6 000 x 160 x 230	15	
CB5	CEILING BEAM	5 500 x 160 x 230	12	
CB6	CEILING BEAM	5 250 x 160 x 230	60	
CB7	CEILING BEAM	4 750 x 160 x 230	10	
CB8	CEILING BEAM	3 500 x 160 x 230	6	
CC1	CEILING CARTRIDGE	250 x 525 x 190	4798	
CC2	CEILING CARTRIDGE	250 x 400 x 190	473	
CC3	CEILING CARTRIDGE	250 x 525 x 80	114	
CR	CEILING REINF.	130 x 150	276.7 m	4 x R10 / R6
TB1	TIE BEAM	260 x 150	28.4 m	4 x R10 / R6
TB2	TIE BEAM	180 x 130	9.29 m	4 x R10 / R6
TB3	TIE BEAM	400 x 150	7.92 m	6 x R10 / R6
TB4	TIE BEAM	615 x 150	32.28 m	6 x R10 / R6
TB5	TIE BEAM	615 x 150	10.76 m	8 x R10 / R6

- FINISH CASTING, reinforced concrete, C20/25 XC1
Additional reinforcement B500B - STATIC CALCULATION REQUIRED
- CR CEILING BRACING, additional reinforcement, 200 x 130 mm, 4 x R10, stirrups R6
- IS INSTALLATION SHAFT, bathroom installation shaft, 500 x 200 mm
- CCR CEILING CORNER REINFORCEMENT, B500B, 4 x R10, 500 mm
- CR CEILING REINFORCEMENT, B500B, 150 x 130 mm, 4 x R10, stirrups R6/250 mm
- CC CEILING CARTRIDGE, 625 or 500 mm
- CB CEILING BEAM, 3500 to 7750 mm
- TB TIE BEAM, reinforcement ring above load-bearing walls, B500B, R10, stirrups R6/250 mm

NOTES:

- REINFORCEMENT RING IS LOCATED ON TOP OF ALL LOAD-BEARING WALLS AND MUST COMPLY WITH STATIC CALCULATION
- CURRENT RING COMPLETES WITH MANUFACTURER RECOMMENDATIONS AND CAN BE SEEN IN THE CORNER FULL VIEW OF THE CEILING, DETAILS IN THE DRAWINGS AND ANNEXES D.1.1.03, D.1.1.04, D.1.1.05, D.1.2.04, D.1.2.09, D.1.2.18
- FOR BETTER ORIENTATION HEIGHT OF CEILINGS NOT AVAILABLE IN THE DRAWING
- ALL CEILINGS IN THE SAME HEIGHT:
 - TOP +3.545
 - BOTTOM +3.545
- CEILING BRACING RECOMMENDED FOR ALL CEILING BEAMS LONGER THAN 6 250 mm
- MORE DETAILS ABOUT REINFORCEMENT ELEMENTS CAN BE SEEN IN THE ANNEX FOLDER « 7
- EXACT DIMENSIONS OF INSTALLATION SHAFTS ARE SPECIFIED ACC. TO TECHNICAL NEEDS AND MODIFIED DURING THE CONSTRUCTION
- MIN. OVERLAY OF CEILING BEAMS ON WALL IS 125 mm
- RING REINFORCEMENT DESIGNED ACCORDING TO HELIX STANDARDS, BARS 4/10 mm
- REAL DIMENSION MUST COMPLY WITH STATIC DESIGN CALCULATION
- GROUTING CONCRETE C20/25 XC1, CONSISTENCY S3, WITH REINFORCEMENT MESH DIAMETER 4/10
- ADDITIONAL REINFORCEMENT B500B - STATIC CALCULATION REQUIRED
- MANUFACTURER INSTRUCTION MUST BE FOLLOWED DURING MANIPULATION AND INSTALLATION
- SPACING BETWEEN CEILING BEAMS ARE FILLED WITH CEILING CARTRIDGES SUITABLE FOR SPACE 625 OR 500 mm
- SPECIAL CEILING CARTRIDGES USED UNDER REINFORCEMENT RIB, MIAKO 8, HEIGHT 80 mm
- CEILING BEAMS MUST BE SUPPORTED IMMEDIATELY AFTER THEIR FITTING BY LINEAR SUPPORTS AND POSTS
- MAXIMAL DISTANCES MUST BE MET - LINEAR SUPPORTS - MAX 1800 mm
- POSTS - MAX 1500 mm
- LINEAR SUPPORTS AND POSTS CAN BE REMOVED CIRCA 4 WEEKS AFTER PLACEMENT OF GROUTING LAYER
- REMOVAL OF LINEAR SUPPORTS AND POSTS MUST BE DONE FROM THE TOP FLOOR TO THE BOTTOM
- SYMBOL OF INSTALLATION SHAFT SHOWN IN THE DRAWING SUGGESTS SUITABLE LOCATION FOR DRILLING
- ALL CEILING BEAMS PLACED ON LAYER OF WATERPROOFING, SBS BITUMEN FELT

0.000 = 162.00 m.a.s.l., B.H.S. / COORDINATE SYSTEM S-JTSK

TYPE OF WORK	DIPLOMA THESIS	PAPER FORMAT	A4
DRAWN BY	Ing. Richard Štálo		
SUPERVISED BY	Ing. Karel Šimůla	DATE	01/2019
CUSTOMER	John Davidson, Severova 288/9, 902 01, Petřok-Slavi hora	PHASE	DPS
SITE LOCATION	Severova 288/9, 902 01 Petřok-Slavi hora	DRAWING NO.	D.1.2.02
PROJECT TITLE	HOTEL	SCALE	1:50
BUILDING OBJECT	H-1 HOTEL		
PART	D.1.2 - Building Construction Solution		
DRAWING TITLE:	CEILING 1 st ABOVE GROUND FLOOR		