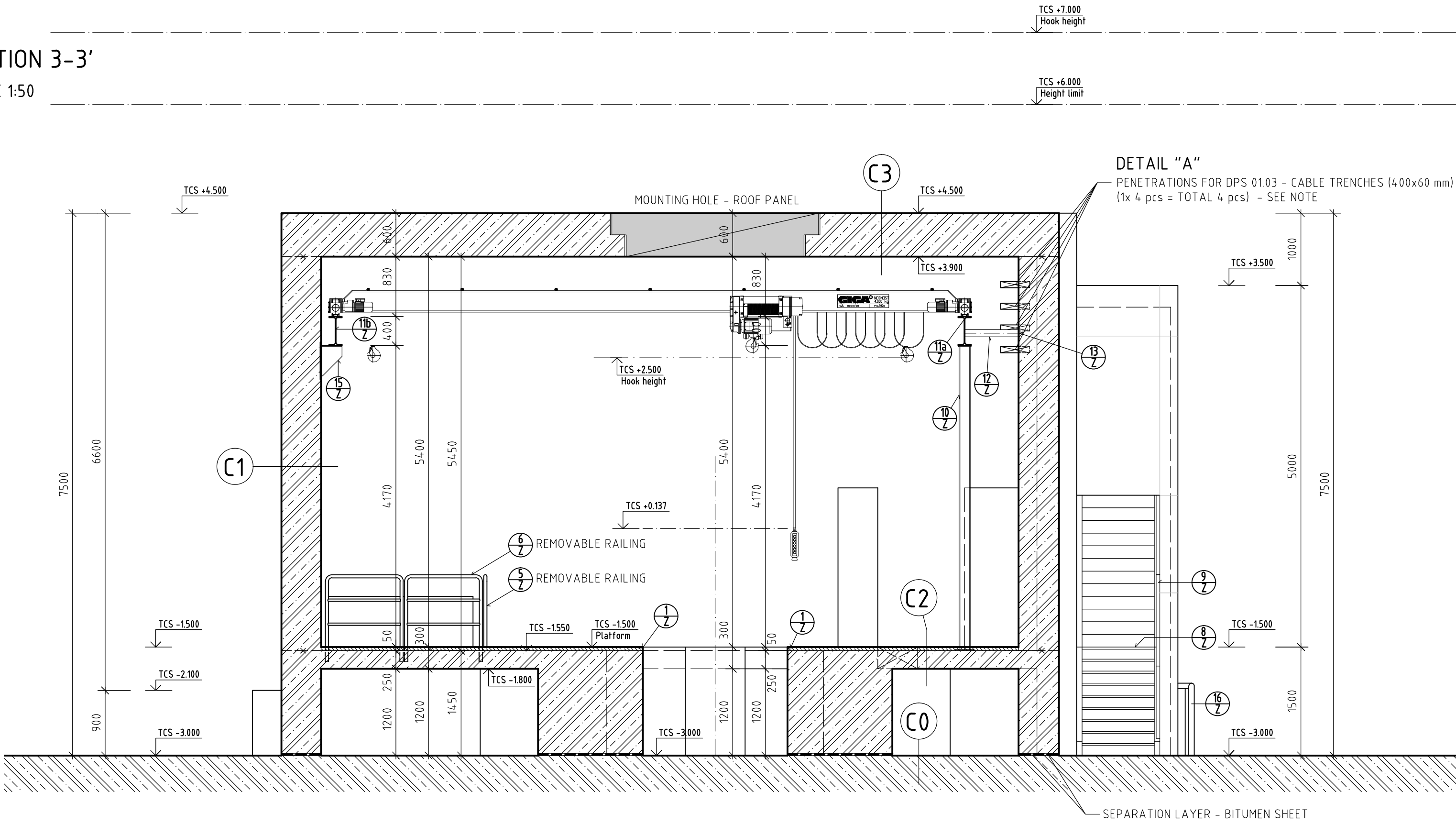
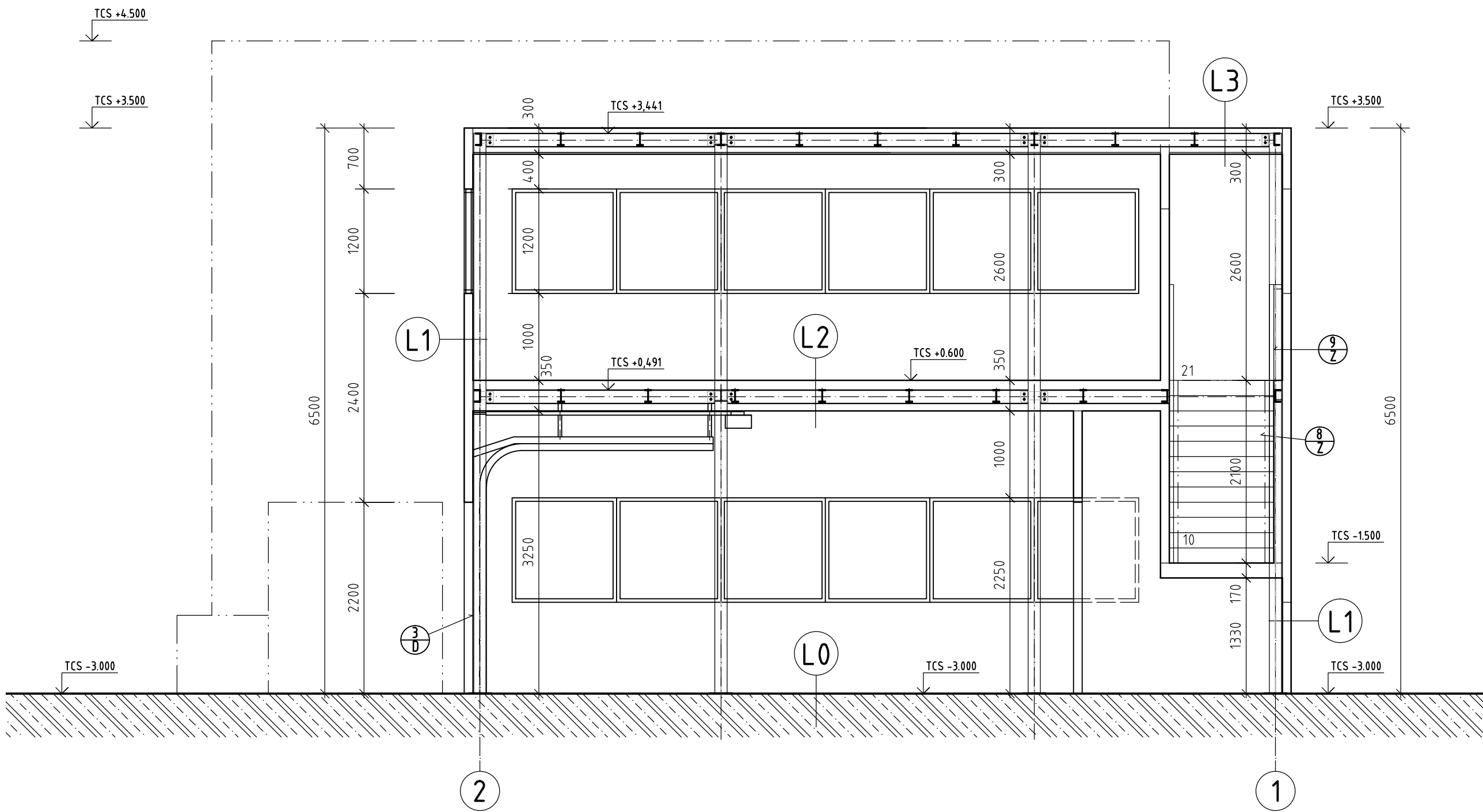


C0 101 - BEER EXPERIMENTAL CAVE AND CONTROL HUTCH AREA

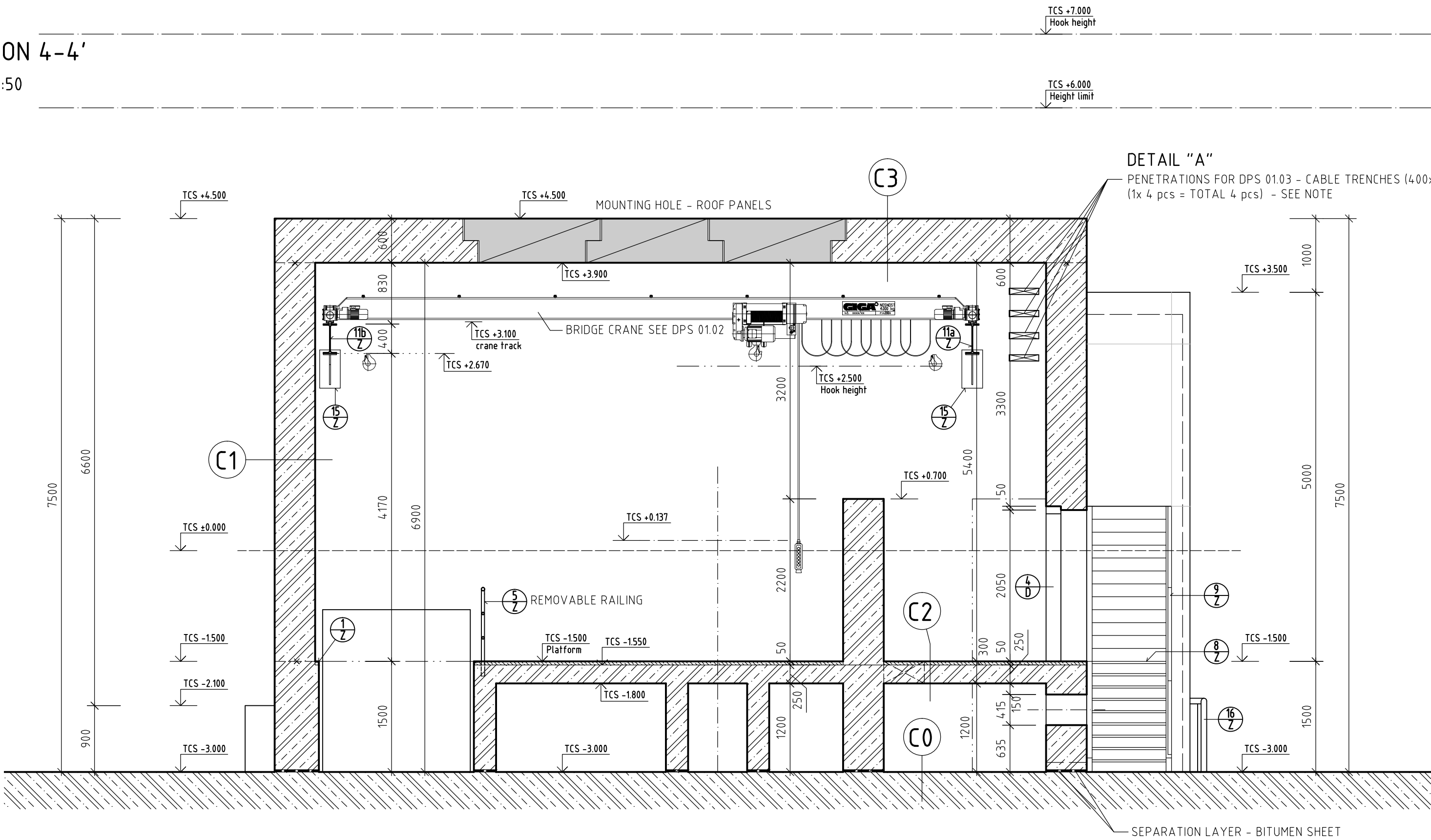
SECTION 3-3'
SCALE 1:50



SECTION 5-5'
SCALE 1:50



SECTION 4-4'
SCALE 1:50



LIST OF STRUCTURE COMPOSITIONS
SCALE 1:50

L0 CONTROL HUTCH - SAMPLE PREPARATION AREA FLOOR		
- FINISH COATING - EPOXY LAYER (RAL 7004 - SIGNAL GREY),	TH. 3,0 mm	
- EXISTING REINFORCED CONCRETE SLAB OF EXPERIMENTAL HALL 3 (E01)		
L1 CONTROL HUTCH - PERIPHERAL WALLS		
- OUTER CLADDING - PLASTERBOARD WITH VINIL FOIL DURAFORT,	TH. 12,5 mm	
- ACOUSTIC INSULATION - MINERAL WOOL (MW) BOARD; THIN-WALLED PROFILES	TH. 60 mm	
- INSIDE CLADDING - PLASTERBOARD WITH VINIL FOIL DURAFORT,	TH. 12,5 mm	
L2 CONTROL HUTCH - CEILING + FLOOR ABOVE MECHANICAL WORKSHOP ROOM		
- TREAD LAYER OF FLOOR - PVC,	TH. 3,0 mm	
- BEARING LAYER - 2x OSB 3N BOARD,	TH. 2x15 mm	
- IMPACT (ACOUSTIC) INSULATION - MINERAL WOOL (MW) BOARD,	TH. 20 mm	
- BEARING LAYER - DTD BOARD (CHIPBOARD PLATE),	TH. 16 mm	
- BEARING LAYER - TRAPEZOIDAL SHEET,	H. 4,0 mm	
- EMPTY SPACE IN THE LEVEL OF CEILING BEAMS I No.140,	TH. 14,0 mm	
- INSTALLATION SPACE - HANGING CEILING ELEMENTS,	TH. 86 mm	
- CASSETTE CEILING IN RASTER (600/600 mm) - BEARING PROFILES, MINERAL CEILING SLABS,	TH. 15 mm	
L3 CONTROL HUTCH - CEILING ABOVE CONTROL ROOM PART		
- BEARING LAYER - DTD BOARD (CHIPBOARD PLATE),	TH. 16 mm	
- BEARING LAYER - TRAPEZOIDAL SHEET,	H. 4,0 mm	
- EMPTY SPACE IN THE LEVEL OF CEILING BEAMS I No.140,	TH. 14,0 mm	
- INSTALLATION SPACE - HANGING CEILING ELEMENTS,	TH. 86 mm	
- CASSETTE CEILING IN RASTER (600/600 mm) - BEARING PROFILES, MINERAL CEILING SLABS,	TH. 15 mm	
C0 EXPERIMENTAL CAVE - FLOOR LEVEL -3,000 m		
- FINISH COATING- EPOXY LAYER (RAL 7004 - SIGNAL GREY),	TH. 3,0 mm	
- EXISTING REINFORCED CONCRETE SLAB OF EXPERIMENTAL HALL 3 (E01)		
C1 EXPERIMENTAL CAVE - PERIPHERAL SHIELDING WALL		
- OUTER FINISH COATING - EPOXY COATING SYSTEM, ONE LAYER EXTERIOR COATING (RAL 1028 - YELLOW),	TH. 2,0 mm	
- REINFORCED CONCRETE C30/37, XC1 (2400 kg/m3),	TH. 550/600 mm	
- TILES WITH B4C, GLUED BY MS POLYMER MASTIC,	TH. 8 mm	
- FINAL EPOXY LAYER PROVIDING COLOR SHADE (RAL 7004 - SIGNAL GREY),	TH. 2 mm	
C2 EXPERIMENTAL CAVE - PLATFORM SLAB + FLOOR (LEVEL -1,500 m)		
- FINAL EPOXY LAYER PROVIDING FLATNESS AND COLOR SHADE (RAL 7004 - SIGNAL GRAY),	TH. 3,0 mm	
- TILES WITH B4C, IN FULL FLOOR AREA GLUED,	TH. 8,0 mm	
- LEVELING LAYER (IF NEEDED) - SELF-LEVELING SCREED ON CEMENT BASIS,	TH. ±3,0 mm	
- CONCRETE SCREED (30 MPa),	TH. 36 mm	
- REINFORCED CONCRETE SLAB C30/37, XC1 (2400 kg/m3),	TH. 250 mm	
C3 EXPERIMENTAL CAVE - ROOF SLAB		
- OUTER FINISH COATING - EPOXY COATING SYSTEM, ONE LAYER EXTERIOR COATING (RAL 1028 - YELLOW),	TH. 2,0 mm	
- REINFORCED CONCRETE C30/37, XC1 (2400 kg/m3),	TH. 600 mm	
- TILES WITH B4C, GLUED BY MS POLYMER MASTIC,	TH. 8 mm	
- FINAL EPOXY LAYER PROVIDING COLOR SHADE (RAL 7004 - SIGNAL GRAY),	TH. 2 mm	

LEGEND OF CONSTRUCTIONS

	REINFORCED CONCRET FOUNDATIONS, CONCRETE C25/30, XC1 (2500 kg/m3)
	REINFORCED CONCRETE CONSTRUCTIONS, CONCRETE 30/37, XC1 (2500 kg/m3)
	REINFORCED CONCRETE PREFABRICATED PART (2500 kg/m3)
	ASSEMBLED CELL WALL OF TWO FLOOR BUILT-IN CELL, TH. 100 mm

NOTE

- TCS - TARGET COORDINATE SYSTEM
- THE CABLE PENETRATIONS THROUGH THE EC WALL (DETAIL "A" AND "B")SEE IN DETAIL DRAWING - DETAILS OF CABLE PENETRATIONS THROUGH EC WALL ARCHIVE No. 5043-D-183032

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