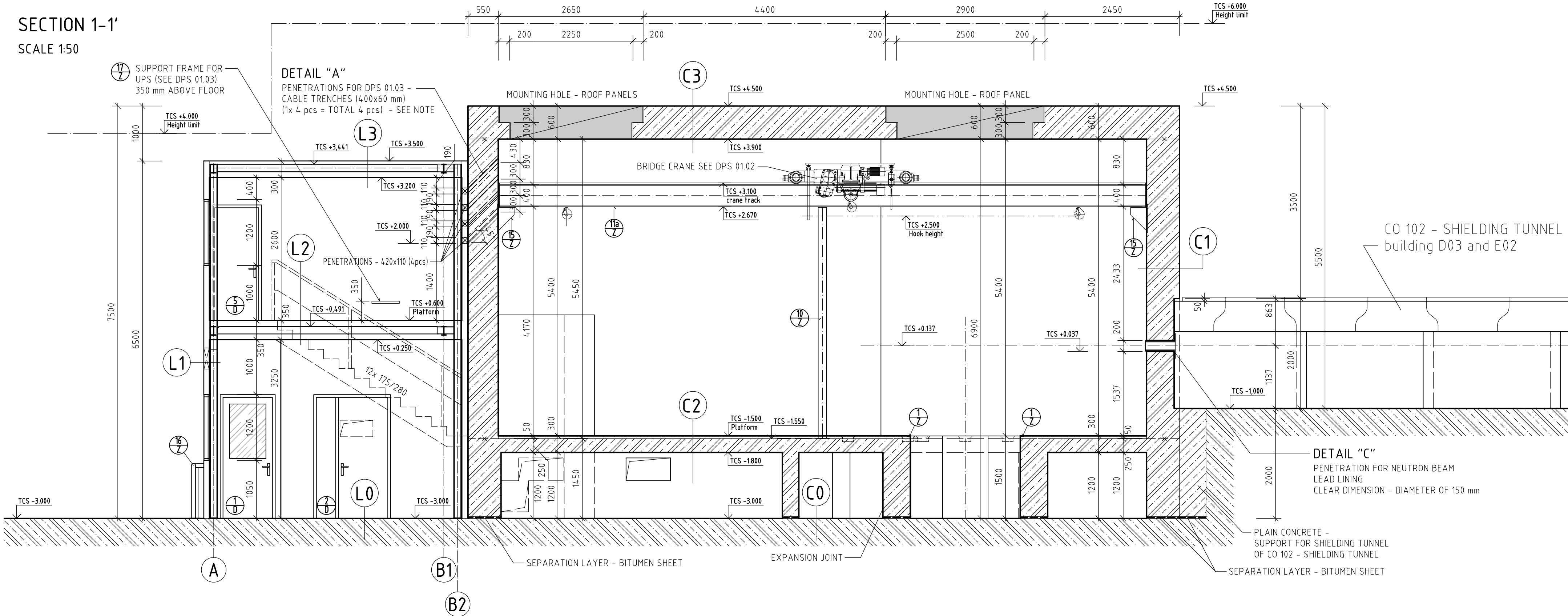
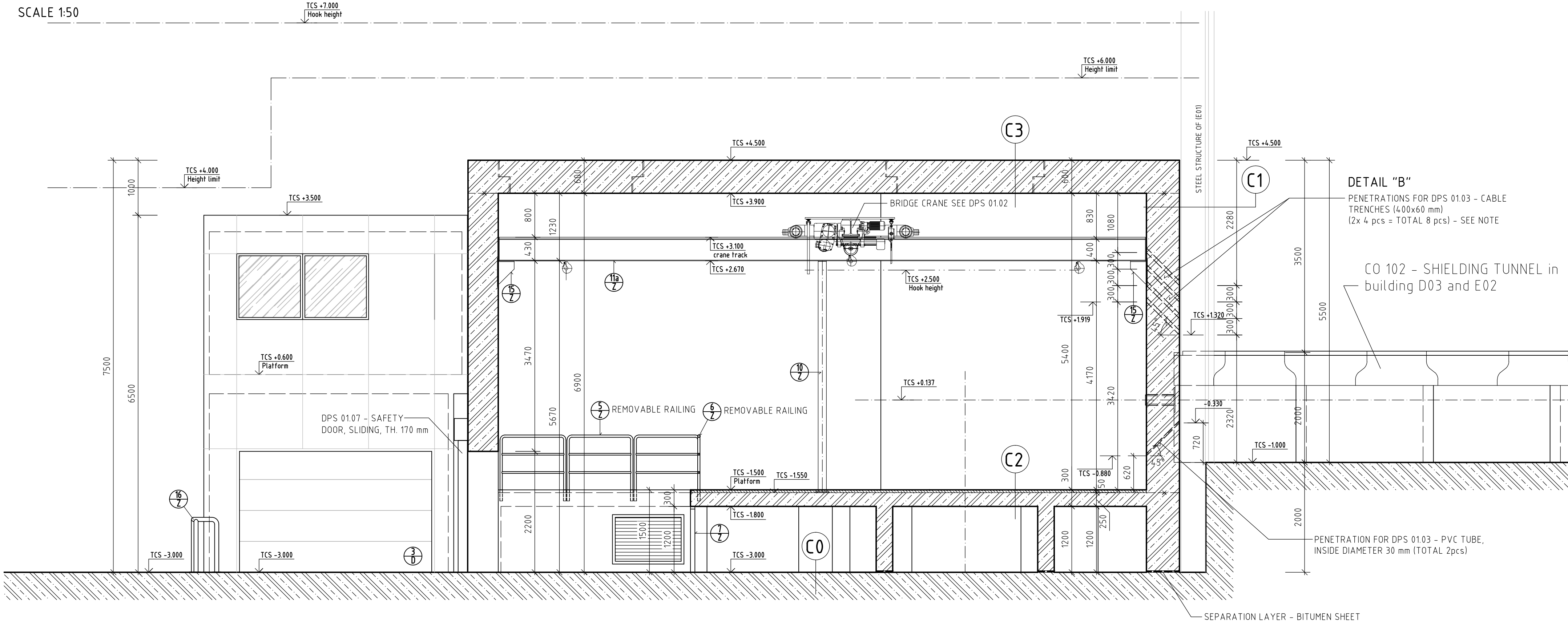


C0 101 - BEER EXPERIMENTAL CAVE AND CONTROL HUTCH AREA

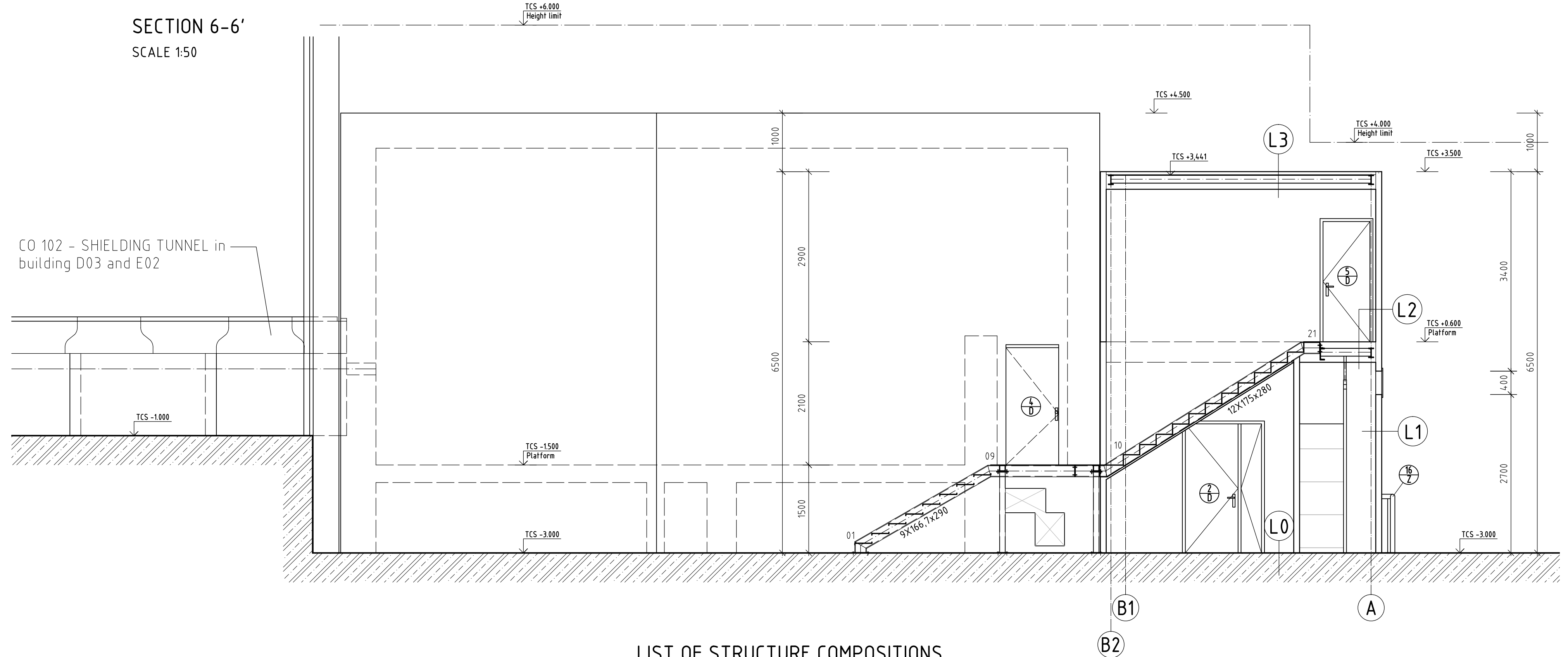
SECTION 1-1'
SCALE 1:50



SECTION 2-2'
SCALE 1:50



SECTION 6-6'
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), - EXISTING REINFORCED CONCRETE SLAB OF EXPERIMENTAL HALL 3 (E01)	TH 3,0 mm
L1	CONTROL HUTCH - PERIPHERAL WALLS	
	- OUTER CLADDING - PLASTERBOARD WITH VINIL FOIL DURAFORT, - ACOUSTIC INSULATION - MINERAL WOOL (MW) BOARD, THIN-WALLED PROFILES - INSIDE CLADDING - PLASTERBOARD WITH VINIL FOIL DURAFORT,	TH 12,5 mm TH 60 mm TH 12,5 mm
L2	CONTROL HUTCH - CEILING + FLOOR ABOVE MECHANICAL WORKSHOP ROOM	
	- TREAD LAYER OF FLOOR - PVC, - BEARING LAYER - 2x OSB 3N BOARD, - IMPACT (ACOUSTIC) INSULATION - MINERAL WOOL (MW) BOARD, - BEARING LAYER - DTD BOARD (CHIPBOARD PLATE), - BEARING LAYER - TRAPEZOIDAL SHEET - EMPTY SPACE IN THE LEVEL OF CEILING BEAMS I No.14,0, - INSTALLATION SPACE - HANGING CEILING ELEMENTS, - CASSETTE CEILING IN RASTER (600/600 mm) - BEARING PROFILES, MINERAL CEILING SLABS,	TH 3,0 mm TH 2x15 mm TH 20 mm TH 16 mm H 4,0 mm TH 14,0 mm TH 86 mm TH 15 mm
L3	CONTROL HUTCH - CEILING ABOVE CONTROL ROOM PART	
	- BEARING LAYER - DTD BOARD (CHIPBOARD PLATE), - BEARING LAYER - TRAPEZOIDAL SHEET, - EMPTY SPACE IN THE LEVEL OF CEILING BEAMS I No.14,0, - INSTALLATION SPACE - HANGING CEILING ELEMENTS, - CASSETTE CEILING IN RASTER (600/600 mm) - BEARING PROFILES, MINERAL CEILING SLABS,	TH 16 mm H 4,0 mm TH 14,0 mm TH 86 mm TH 15 mm
C0	EXPERIMENTAL CAVE - FLOOR LEVEL -3,000 m	
	- FINISH COATING - EPOXY LAYER (RAL 7004 - SIGNAL GREY), - EXISTING REINFORCED CONCRETE SLAB OF EXPERIMENTAL HALL 3 (E01)	TH 3,0 mm
C1	EXPERIMENTAL CAVE - PERIPHERAL SHIELDING WALL	
	- OUTER FINISH COATING - EPOXY COATING SYSTEM, ONE LAYER EXTERIOR COATING (RAL 1028 - YELLOW), - REINFORCED CONCRETE (C30/37, XC1 (24,00 kg/m3)), - TILES WITH B4C, GLUED BY MS POLYMER MASTIC, - FINAL EPOXY LAYER PROVIDING COLOR SHADE (RAL 7004 - SIGNAL GREY),	TH 2,0 mm TH 550/600 mm TH 8 mm 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), - LEVELING LAYER (IF NEEDED) - SELF-LEVELING SCREED ON CEMENT BASIS, - CONCRETE SCREED (30 MPa), - REINFORCED CONCRETE SLAB (C30/37, XC1 (24,00 kg/m3)),	TH 3,0 mm TH 8,0 mm TH +3,0 mm TH 36 mm TH 250 mm
C3	EXPERIMENTAL CAVE - ROOF SLAB	
	- OUTER FINISH COATING - EPOXY COATING SYSTEM, ONE LAYER EXTERIOR COATING (RAL 1028 - YELLOW), - REINFORCED CONCRETE (C30/37, XC1 (24,00 kg/m3)), - TILES WITH B4C, GLUED BY MS POLYMER MASTIC, - FINAL EPOXY LAYER PROVIDING COLOR SHADE (RAL 7004 - SIGNAL GRAY),	TH 2,0 mm TH 600 mm TH 8 mm TH 2 mm

LEGEND OF CONSTRUCTIONS

	REINFORCED CONCRETE 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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