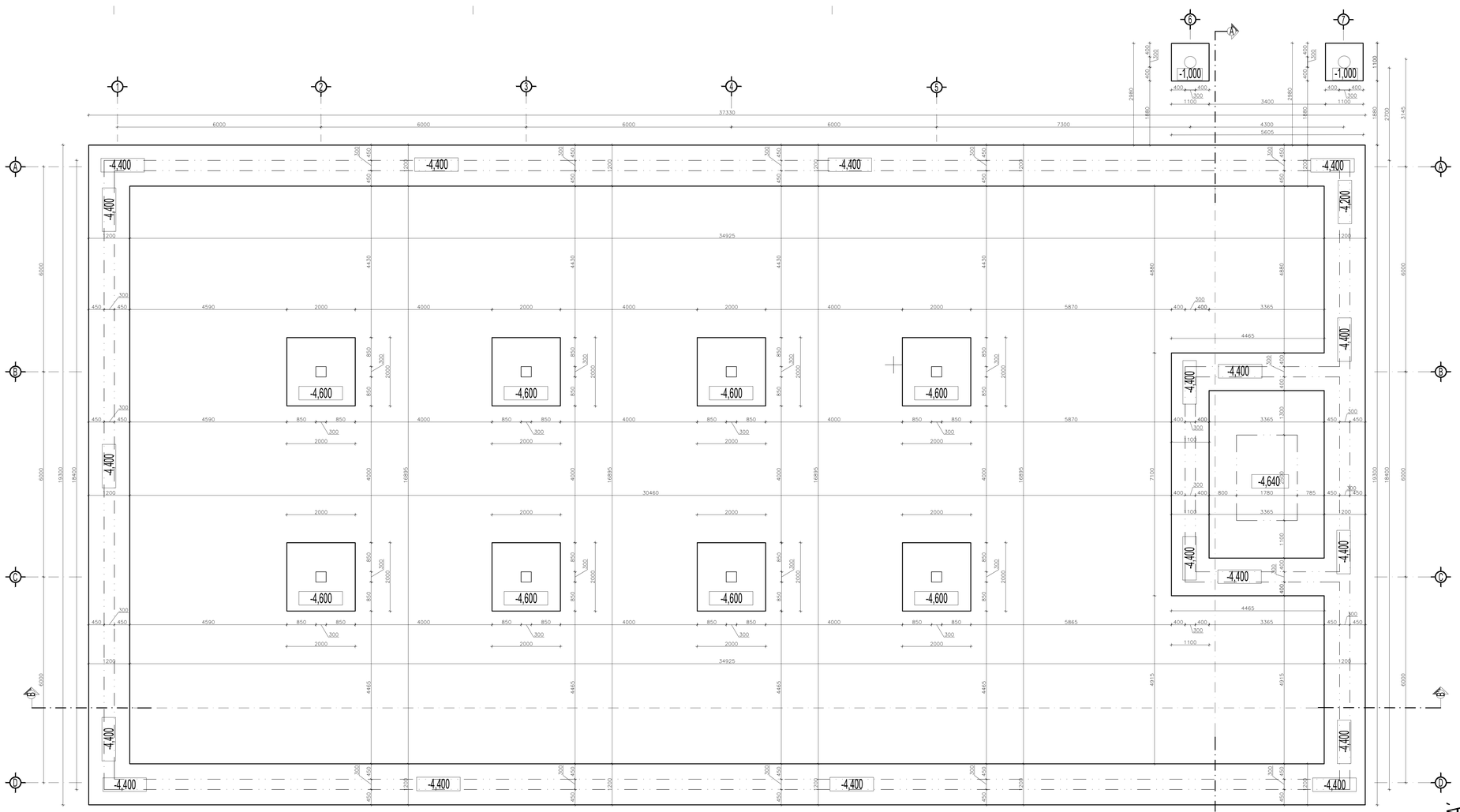
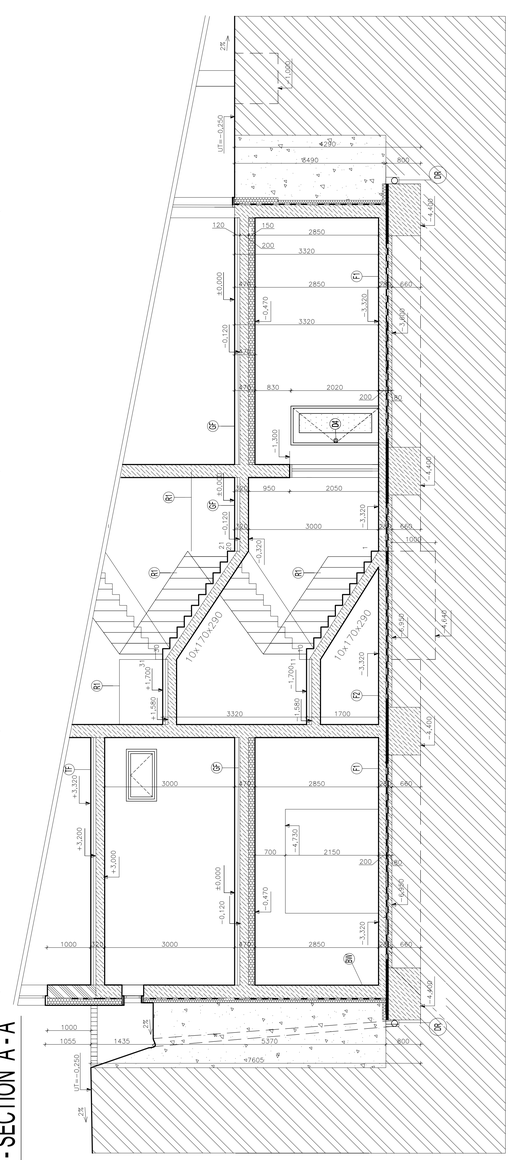
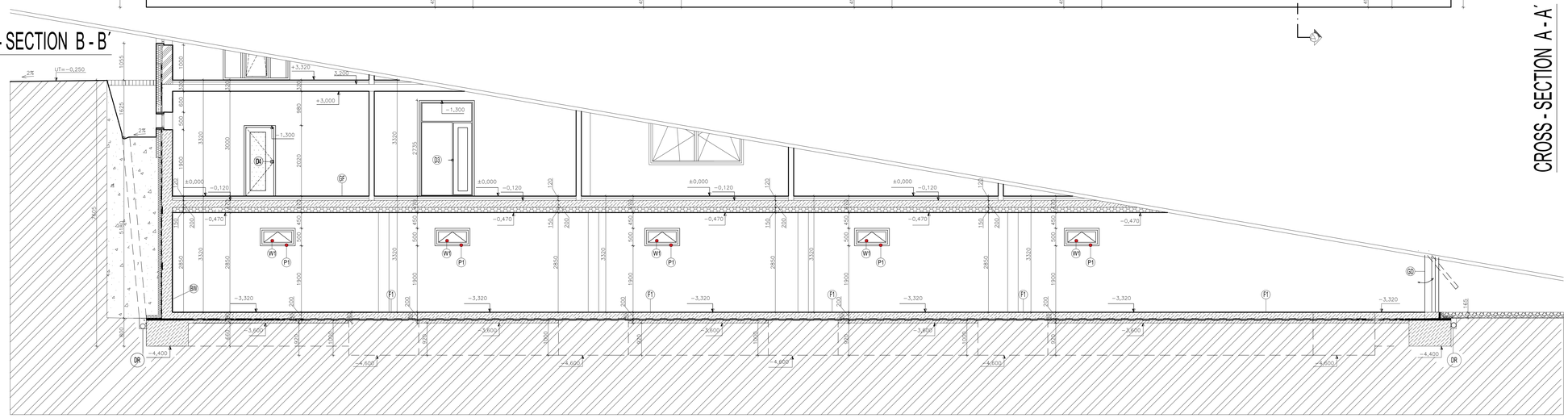



CROSS - SECTION A - A'

## CROSS - SECTION B - B'




## LEGEND OF THE MATERIALS:

- MONOLITHIC REINFORCED CONCRETE WALLS, INCLUDE OF ALL WALLS IN STRUCTURES
  CONCRETE COMPRESSIVE STRENGTH CLASS C 25/30, STEEL GRADE B 500 B,
  CONCRETE COVER C 35 mm, FOR WALLS,C25 mm, FOR SLAB ON GRADE
- MONOLITHIC REINFORCED CONCRETE FOR FOUNDATION, INCLUDE OF STRIP FOOTING AND PAD FOOTING IN STRUCTURES,
  CONCRETE COMPRESSIVE STRENGTH CLASS C 30/37, STEEL GRADE B 500 A,
  CONCRETE COVER C 50 mm, FOR BOTH.
- POROTHERM 14 P8 / P10 T = 140 mm PROFILE M 10 NON LOAD BEARING WALL WITH AN ADDITIONAL MORTAR,FIRE RESISTANCE REI 120 DP1, EI 180 DP1,
  THERMAL RESISTANCE OF MASONRY WITHOUT PLASTER R [m 2 K / W] 0.51 ,
  WEIGHTED LABORATORY SOUND INSULATION R w [dB] 44,
- -XPS AUSTROTHERM 50 XPS-G/030
  TTHERMAL INSULATION BOARD WITH EMBOSSED HONEYCOMB PATTERN ON BOTH SIDES, t = 80 mm, ONE OF THE MAIN FUNCTIONALITY OF USING IS TO PROTECT WATERPROOFING SYSTEMS IN WHOLE ENTIRE COURSES OF THE BUILDING BUT EXCEPT 1000 mm, DEPTH IN PLINTH DETAIL IN TERRAIN POSITIONS OF THE BUILDING
- BITUMEN HYDRO INSULATION TI 8mm, BASICALLY THE APPLICATIONS AND DEMANDING CORRESPOND TO CATEGORY 2 WHICH IS MAINLY INSULATION AGAINST SPLASHING 2X ASPHALT STRIP WATER TIGHTNESS CONTROL.
- POROTHERM 30 P 15 T = 300 mm PROFILE M 10 NON LOAD BEARING WALL WITH AN ADDITIONAL MORTAR,FIRE RESISTANCE REI EI 180 DP1,
  THERMAL RESISTANCE OF MASONRY WITHOUT PLASTER R [m 2 K / W] 1.211 ,
  WEIGHTED LABORATORY SOUND INSULATION R w [dB] 52,
- ORIGINAL SOIL WHERE THE STRUCTURE IS BUILD ON IT, WITH GEO-TECHNICAL FORMATION OF SOILS OF SAND WITH BOULDERS AND LOAMY ADMIXTURES.
- BACK FILL SOIL IN WHOLE PART OF THE EXCAVATED
- MONOLITHIC PLAIN CONCRETE FOR LEVELING ALL OF THE EXPECTED EXCAVATION IS INCLUDED,EXCEPT PAD FOOTING AND STRIP FOOTING.

±0,000 = 192,64 m ASL

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|---|---|---|---|
| DEVELOPED BY: Bc.M. Fayz Yousfi | CONSULTANT: Ing . Jan Sedak , CSc | CONTROLLED: doc. Ing. Frantisek Kulhanek CSc. | ČVUT |
| DREW BY: Bc.M. Fayz Yousfi | CUSTOMER: Faculty of Civil Engineeringf Czech technical University In Prague | | |
| General Purpose: Multifunctional building | | PARE: | Format: 16XA4 |
| | | | Date: 13.10.2019 |
| | | | Purpose: Building permit |
| | | | Archive Issues: ------ |
| Attachement name: **Foundation** | | | Scale: 1:50 Drawing No. 02 |