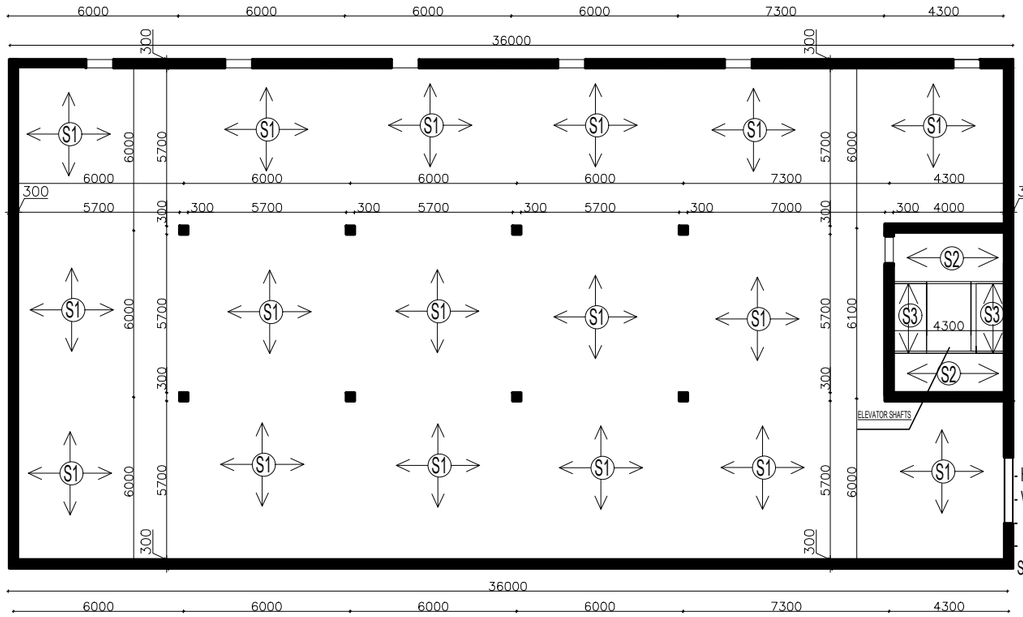
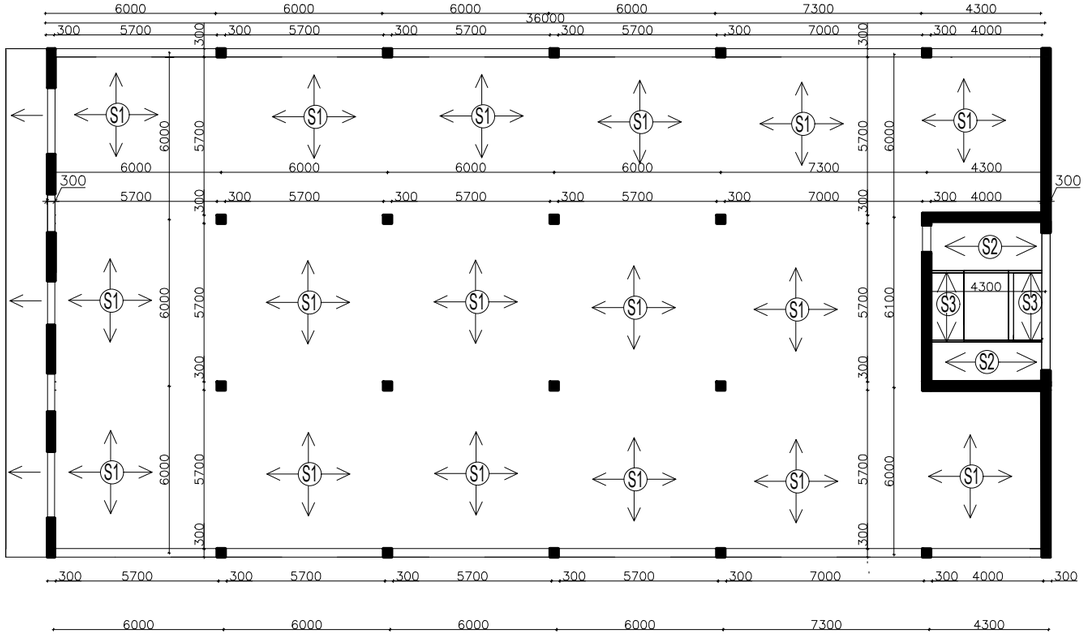
BASEMENT : - 6,640 M STRUCTURAL SOLUTION IN BASEMENT VARIANT A, CONFIRMED.



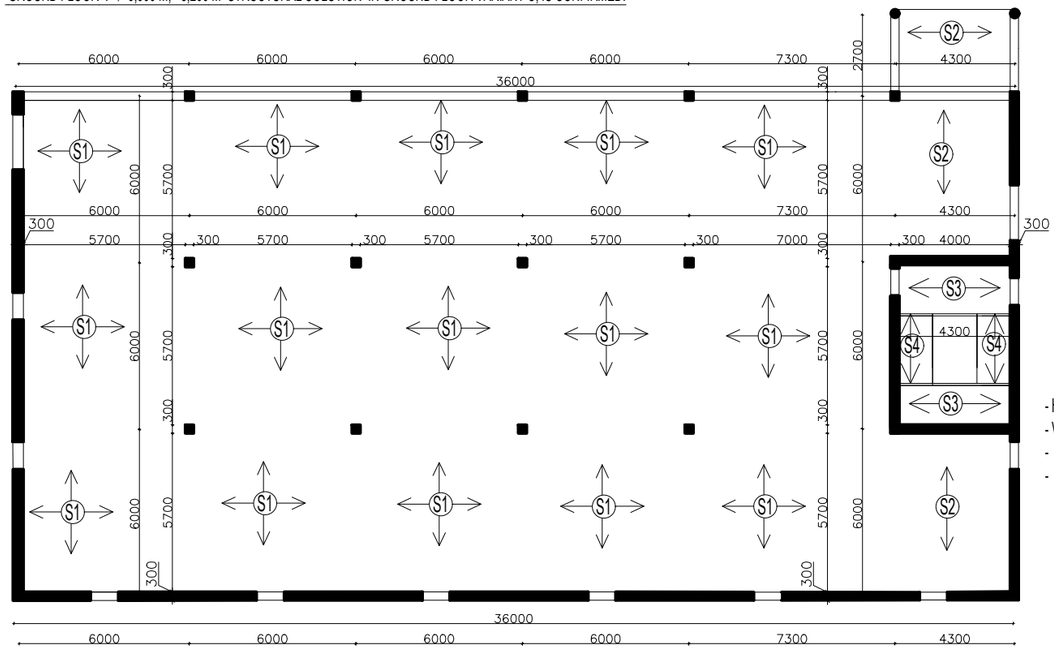
STRUCTURAL SOLUTION IN BASEMENT VARIANT A.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .
- HORIZONTAL ELEMENTS SLABS hs = 200mm
- VERTICAL ELEMENTS COLUMNS WALLS t = 300mm
- ROUND WHOLE BUILDING IS REINFORCED CONCRETE WALLS h = 300mm
- STAIRCASE IS SUPPORTED BY REINFORCED CONCRETE WALLS hs = 200mm, t = 300mm
SYSTEM WITH FLAT SLAB

STRUCTURAL SOLUTION IN TYPICAL FLOOR OFFICE VARIANT A.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .
- HORIZONTAL ELEMENTS SLABS h = 200mm
- VERTICAL ELEMENTS COLUMNS WALLS h = 300mm, b = 300mm, T = 300mm
- ROUND WHOLE BUILDING IS REINFORCED CONCRETE WALLS t = 300mm
- STAIRCASE IS SUPPORTED BY REINFORCED CONCRETE WALLS t = 300mm
SYSTEM WITH FLAT SLAB

TYPICAL FLOOR PLANS OFFICES : + 3,200 M; +6,400 M STRUCTURAL SOLUTION IN TYPICAL FLOOR OFFICE VARIANT A, IS CONFIRMED.



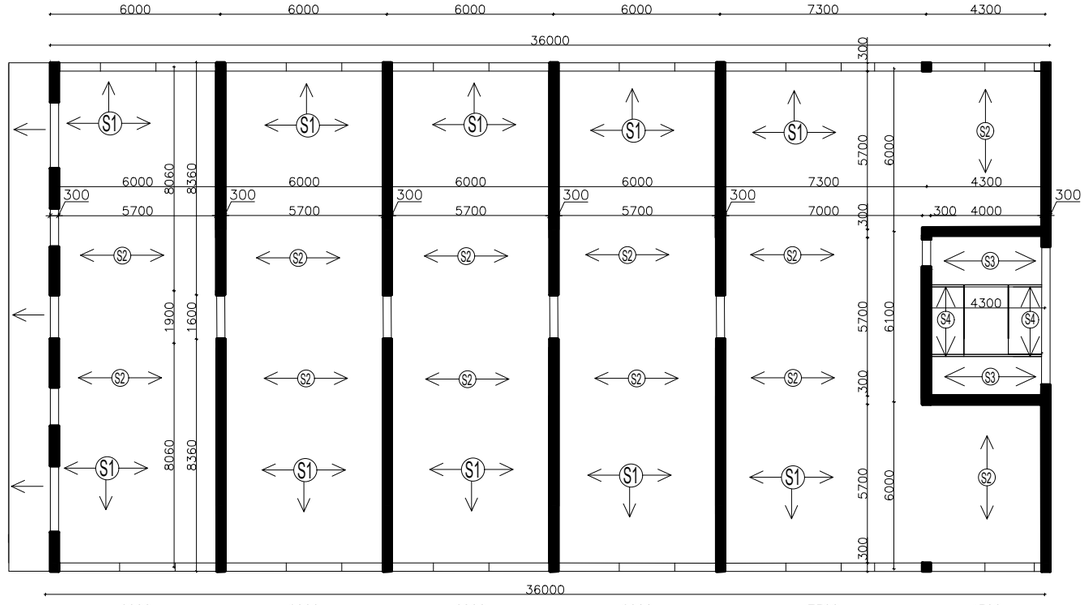
GROUND FLOOR : +/- 0,000 M; +3,200 M STRUCTURAL SOLUTION IN GROUND FLOOR VARIANT C, IS CONFIRMED.

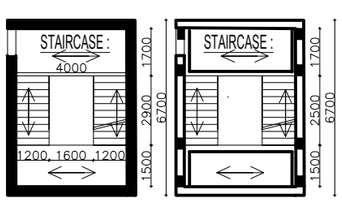


STRUCTURAL SOLUTION IN GROUND FLOOR VARIANT C.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .
- HORIZONTAL ELEMENTS SLABS h = 200mm
- VERTICAL ELEMENTS COLUMNS WALLS t = 300mm
- ROUND WHOLE BUILDING IS REINFORCED CONCRETE WALLS t = 300mm
- STAIRCASE IS SUPPORTED BY REINFORCED CONCRETE WALLS t = 300mm,h = 200mm
- SYSTEM WITH HORIZONTAL BEAMS h = 500mm , b = 300mm

STRUCTURAL SOLUTION IN TYPICAL FLOOR VARIANT C.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .
- HORIZONTAL ELEMENTS SLABS, BEAMS, h = 200mm, h = 500mm, b = 300mm
- VERTICAL ELEMENTS COLUMNS WALLS t = 300mm
- ROUND WHOLE BUILDING IS REINFORCED CONCRETE WALLS t = 300mm
- STAIRCASE IS SUPPORTED BY REINFORCED CONCRETE WALLS t = 300mm

TYPICAL FLOOR PLANS: +6,400 M; 9,600M STRUCTURAL SOLUTION IN TYPICAL FLOOR VARIANT A, IS CONFIRMED.





- h = 170 mm , b = 290 mm ,
- L1 = 1700 mm , L 2 = 1500
- hf = 3100 mm , B = 4000 mm , SLOPE : max. 30,38 °

STRUCTURAL SOLUTION FOR STAIRCASE FROM IN BASEMENT TO FURTHER FLOORS : VARIANT A. IS CONFIRMED.

CONSTRUCTION SOLUTIONS:
MAIN BEARING : - REINFORCED CONCRETE, t. 300 mm, STRENGTH CLASS C 25/30, C 30/37
- HYDRO ISOLATIONS
RC BEAMS : h = 500 mm; b = 300 mm
COLUMNS : 300 x 300 mm
RC SLAB : h = 200 mm
RC WALLS : t = 300 mm
PARTITIONS : - POT 30 drifix; POT 30 aku sym; POT 11,5 profi dryfix
THERMAL INSULATIONS : ROOF150 mm - Rockwool Fastrock
- FACADES WALLS : min. t 170 mm - Rockwool Monrock max E
ELEVATOR : Schindler 3300 FOR MULTIFUNCTIONAL BUILDING - SIZES: 1900 x 1600 mm - 625 kg - 8 PERSONS

±0,000 = 189,56 m ASL

DEVELOPED BY: Bc.M. Faeyz Yosufi	**CONSULTANT:** Ing. Josef Novák, Ph.D	**CONTROLLED:** Ing. Josef Novák, Ph.D.
DREW BY: Bc.M. Faeyz Yosufi	**CUSTOMER:** Faculty of Civil Engineerinf Czech technical University In Prague	

ČVUT

General Purpose:

Multifunctional building

PARE:

Format:	**1XA2**
Date:	**13.10.2019**
Purpose	**building permit**
Archive Issues	**-----**
Scale. 1:50	**Drawing No. 05**

Attachment name:
Structural solution variant "A,C"