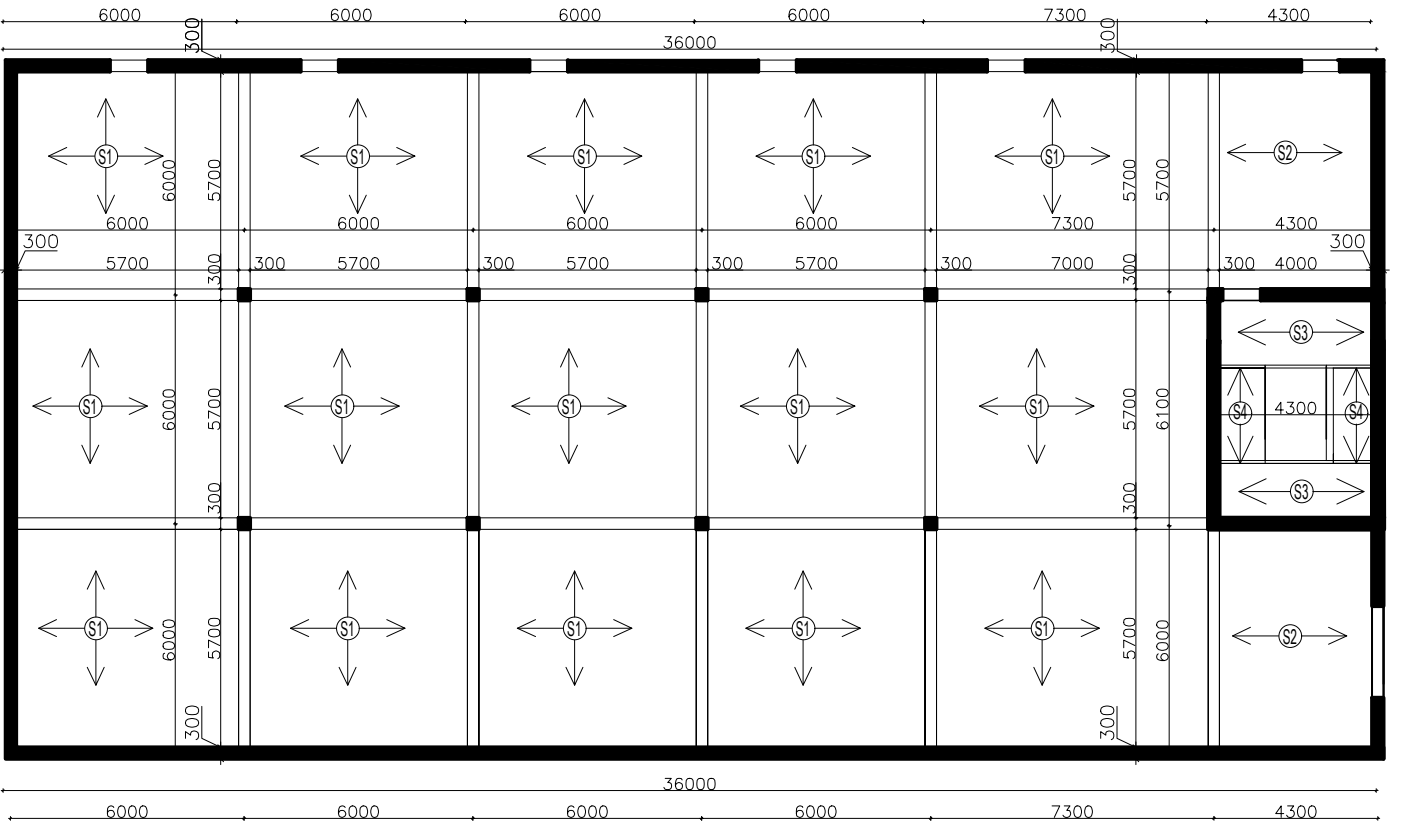


BASEMENT : - 6,420 M

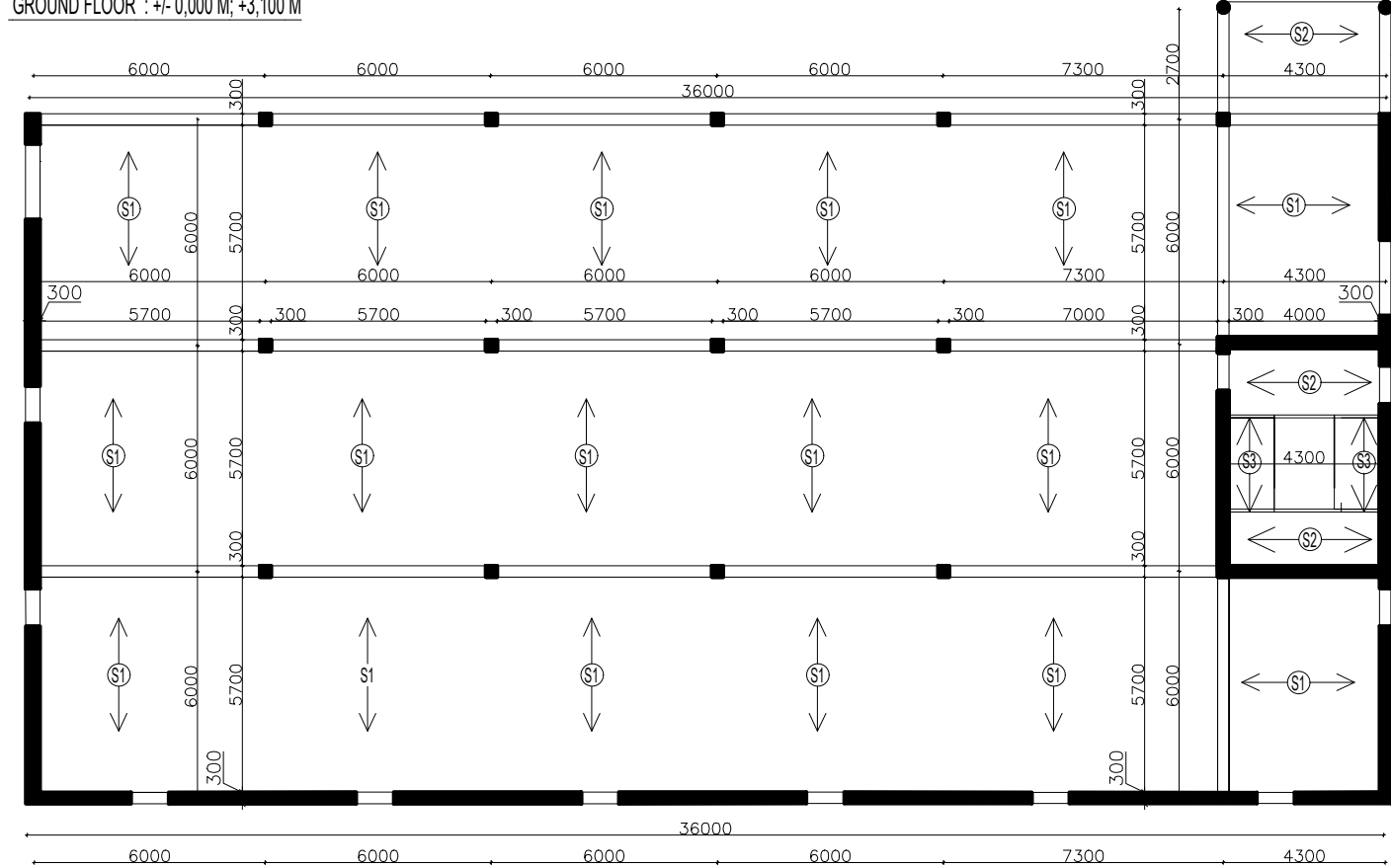


- STRUCTURAL SOLUTION IN BASEMENT VARIANT B.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .

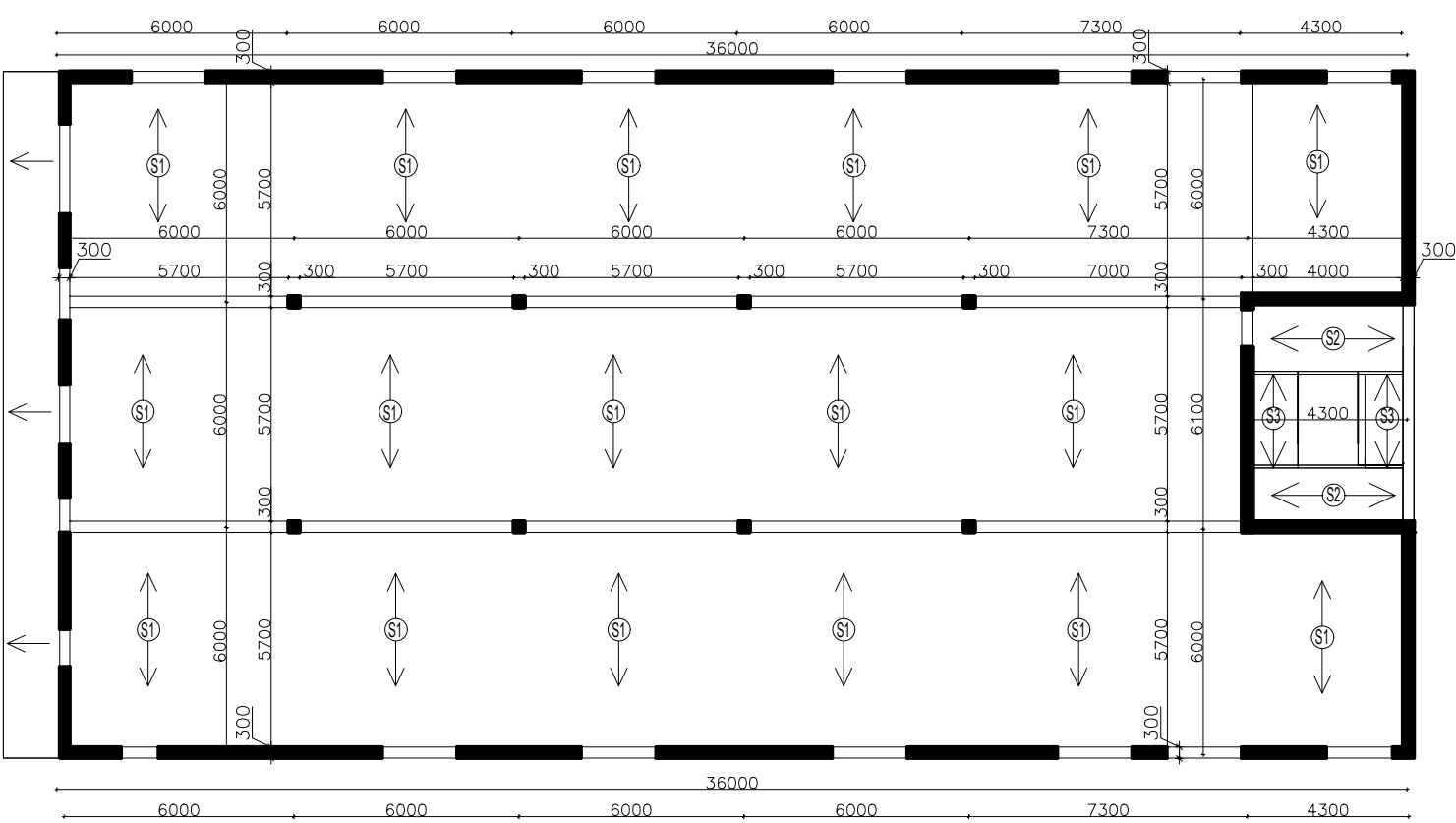
 - HORIZONTAL ELEMENTS SLABS h = 200mm
 - VERTICAL ELEMENTS COLUMNS, WALLS h = 300mm, b = 300mm, t = 300mm
 - ROUND WHOLE BUILDING IS REINFORCED CONCRETE WALLS t = 300mm
 - STAIRCASE IS SUPPORTED BY REINFORCED CONCRETE WALLS t = 300mm
 - SYSTEM WITH HORIZONTAL BEAMS h = 500mm , b = 300mm
- STRUCTURAL SOLUTION IN GROUND FLOOR VARIANT B.
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

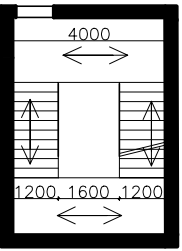
GROUND FLOOR : +/- 0,000 M; +3,100 M



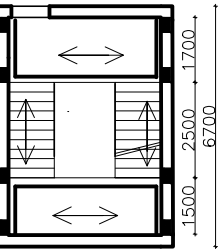
TYPICAL FLOOR PLANS OFFICES : + 3,100 M; +6,200 M



STAIRCASE :



STAIRCASE :



- h = 170 mm , b = 290 mm ,
- L1 = 1700 mm , L2 = 1500
- hf = 3200 mm , B = 4000 mm , SLOPE : max. 30,38 °

STRUCTURAL SOLUTION IN TYPICAL FLOOR OFFICE VARIANT B.

- 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 HORIZONTAL BEAMS h = 500mm , b = 300mm

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 = 278,55 m ASL

DEVELOPED BY: Bc.M. Faeyz Yosufi	CONSULTANT: Ing. Josef Novák, Ph.D	CONTROLLED: Ing. Josef Novák, Ph.D.	<div>ČVUT</div> <div></div>	
DREW BY: Bc.M. Faeyz Yosufi	CUSTOMER: Faculty of Civil Engineerinf Czech technical University In Prague			
General Purpose:		PARE:		
Multifunctional building				
Attachment name:				
Structural solution variant "B"			Scale. 1:50	Drawing No. 02
			Format:	1XA2
			Date:	13.10.2019
			Purpose	building permit
			Archive Issues	-----