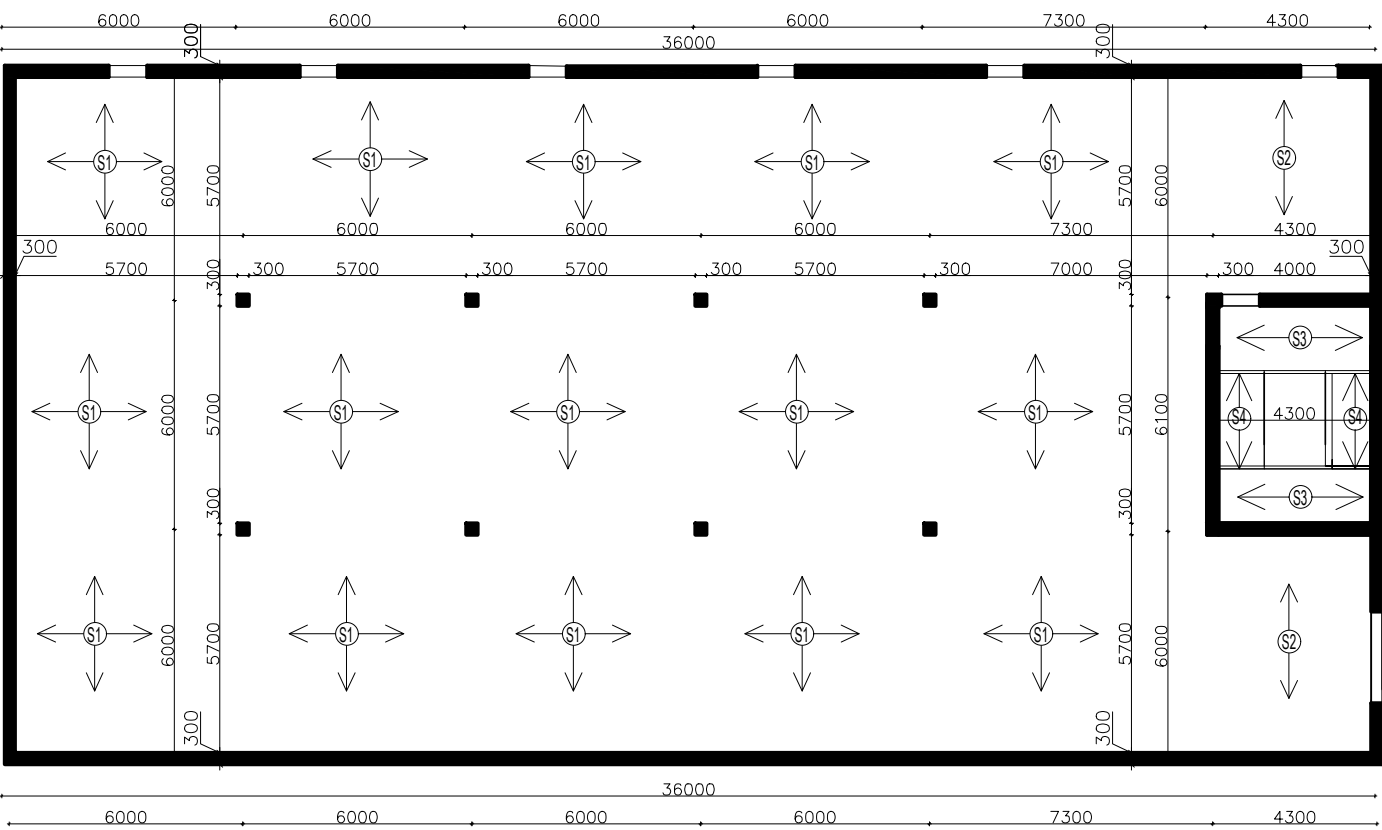


BASEMENT : - 6,420 M

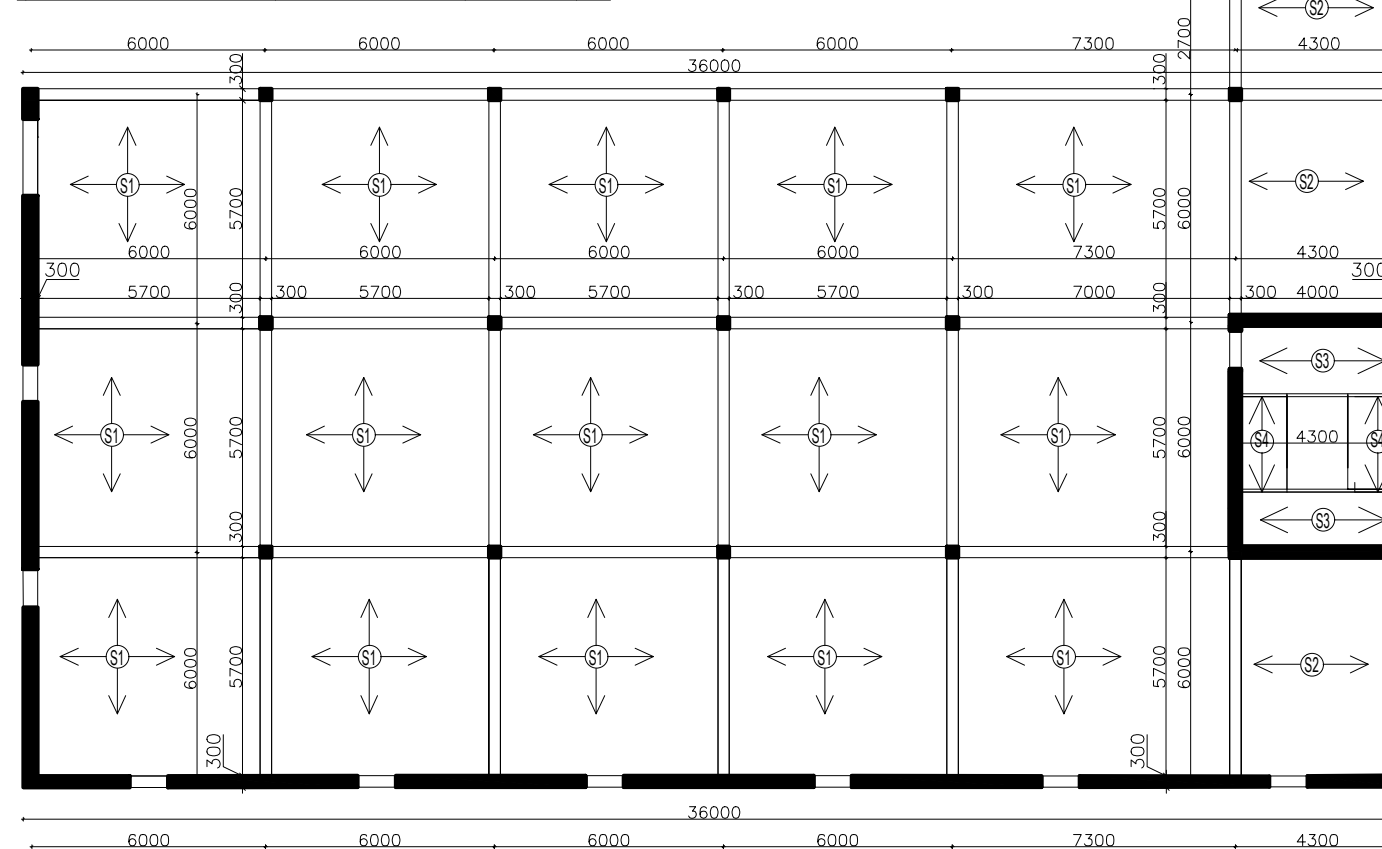


- STRUCTURAL SOLUTION IN BASEMENT VARIANT A.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .

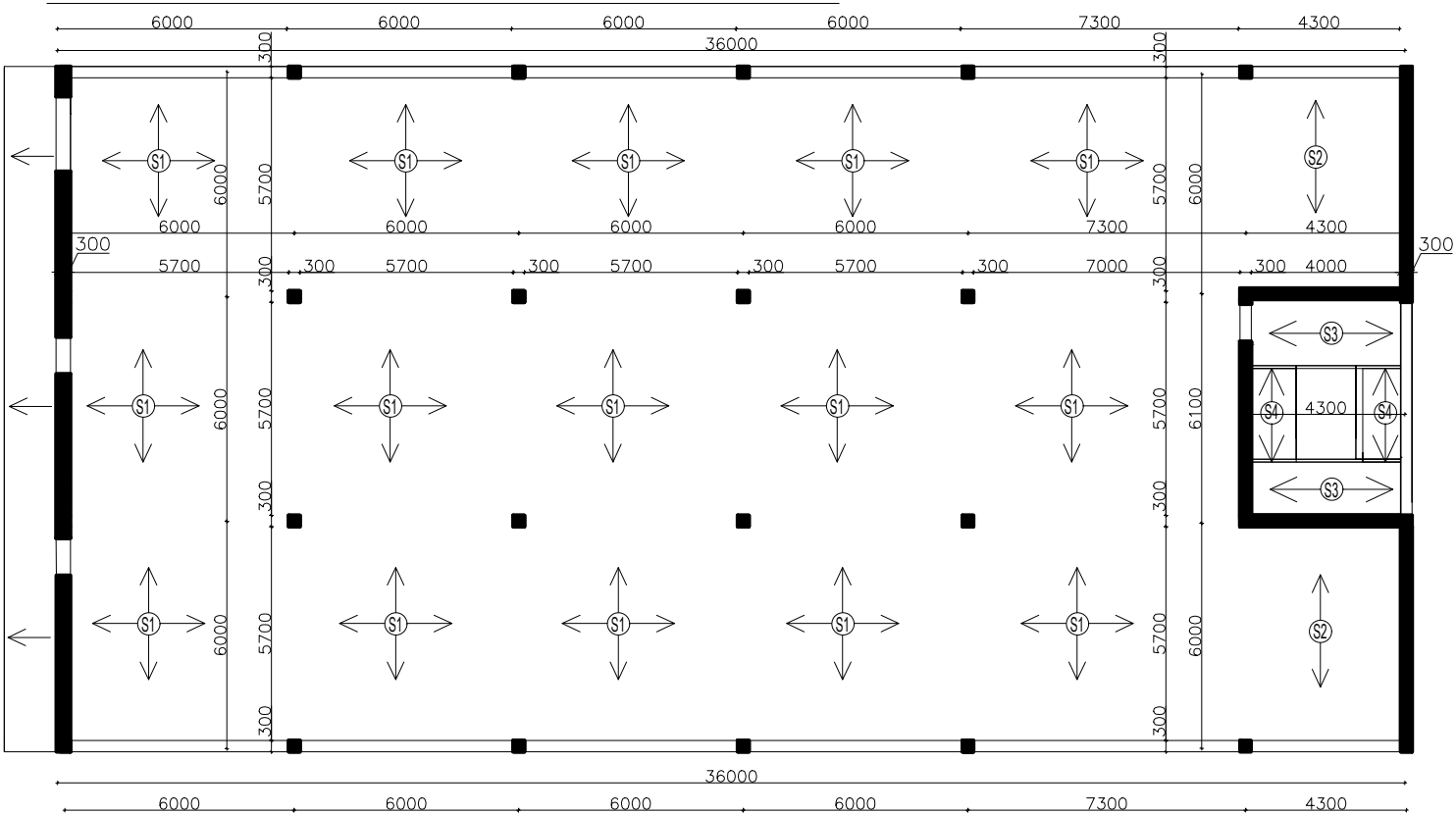
 - HORIZONTAL ELEMENTS SLABS $h_s = 200\text{mm}$
 - VERTICAL ELEMENTS COLUMNS WALLS $t = 300\text{mm}$
 - ROUND WHOLE BUILDING IS REINFORCED CONCRETE WALLS $t = 300\text{mm}$
 - STAIRCASE IS SUPPORTED BY REINFORCED CONCRETE WALLS $h_s = 200\text{mm}$, $t = 300\text{mm}$ SYSTEM WITH FLAT SLAB
- STRUCTURAL SOLUTION IN GROUND FLOOR VARIANT A.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .

 - HORIZONTAL ELEMENTS SLABS $h = 200\text{mm}$
 - VERTICAL ELEMENTS COLUMNS WALLS $t = 300\text{mm}$
 - ROUND WHOLE BUILDING IS REINFORCED CONCRETE WALLS $t = 300\text{mm}$
 - STAIRCASE IS SUPPORTED BY REINFORCED CONCRETE WALLS $t = 300\text{mm}$, $h = 200\text{mm}$ SYSTEM WITH HORIZONTAL BEAMS $h = 500\text{mm}$, $b = 300\text{mm}$

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

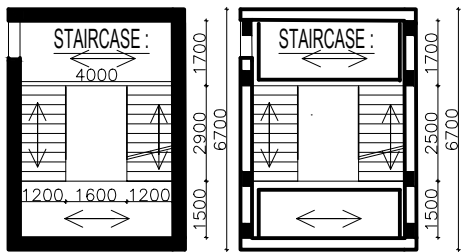


TYPICAL FLOOR PLANS OFFICES : + 3,100 M; +6,200 M




- STAIRCASE :
- STAIRCASE :
- $h = 170\text{ mm}$, $b = 290\text{ mm}$,
- $L1 = 1700\text{ mm}$, $L2 = 1500$
- $h_f = 3200\text{ mm}$, $B = 4000\text{ mm}$, SLOPE : max. 30,38 °
- STRUCTURAL SOLUTION IN TYPICAL FLOOR OFFICE VARIANT A.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .

 - HORIZONTAL ELEMENTS SLABS $h = 200\text{mm}$
 - VERTICAL ELEMENTS COLUMNS WALLS $h = 300\text{mm}$, $b = 300\text{mm}$, $T = 300\text{mm}$
 - ROUND WHOLE BUILDING IS REINFORCED CONCRETE WALLS $t = 300\text{mm}$
 - STAIRCASE IS SUPPORTED BY REINFORCED CONCRETE WALLS $t = 300\text{mm}$ SYSTEM WITH FLAT SLAB



- CONSTRUCTION SOLUTIONS:
- MAIN BEARING : - REINFORCED CONCRETE, t . 300 mm, STRENGTH CLASS C 25/30, C 30/37
- HYDRO ISOLATIONS
- RC BEAMS : $h = 500\text{ mm}$; $b = 300\text{ mm}$
- COLUMNS : 300 x 300 mm
- RC SLAB : $h = 200\text{ mm}$
- RC WALLS : $t = 300\text{ mm}$
- PARTITIONS : - POT 30 drifix; POT 30 aku sym; POT 11,5 profi dryfix
- THERMAL INSULATIONS : ROOF 150 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 "A"		
			Format:	2XA4
			Date:	13.10.2019
			Purpose	building permit
			Archive Issues	-----
			Scale. 1:50	Drawing No. 01