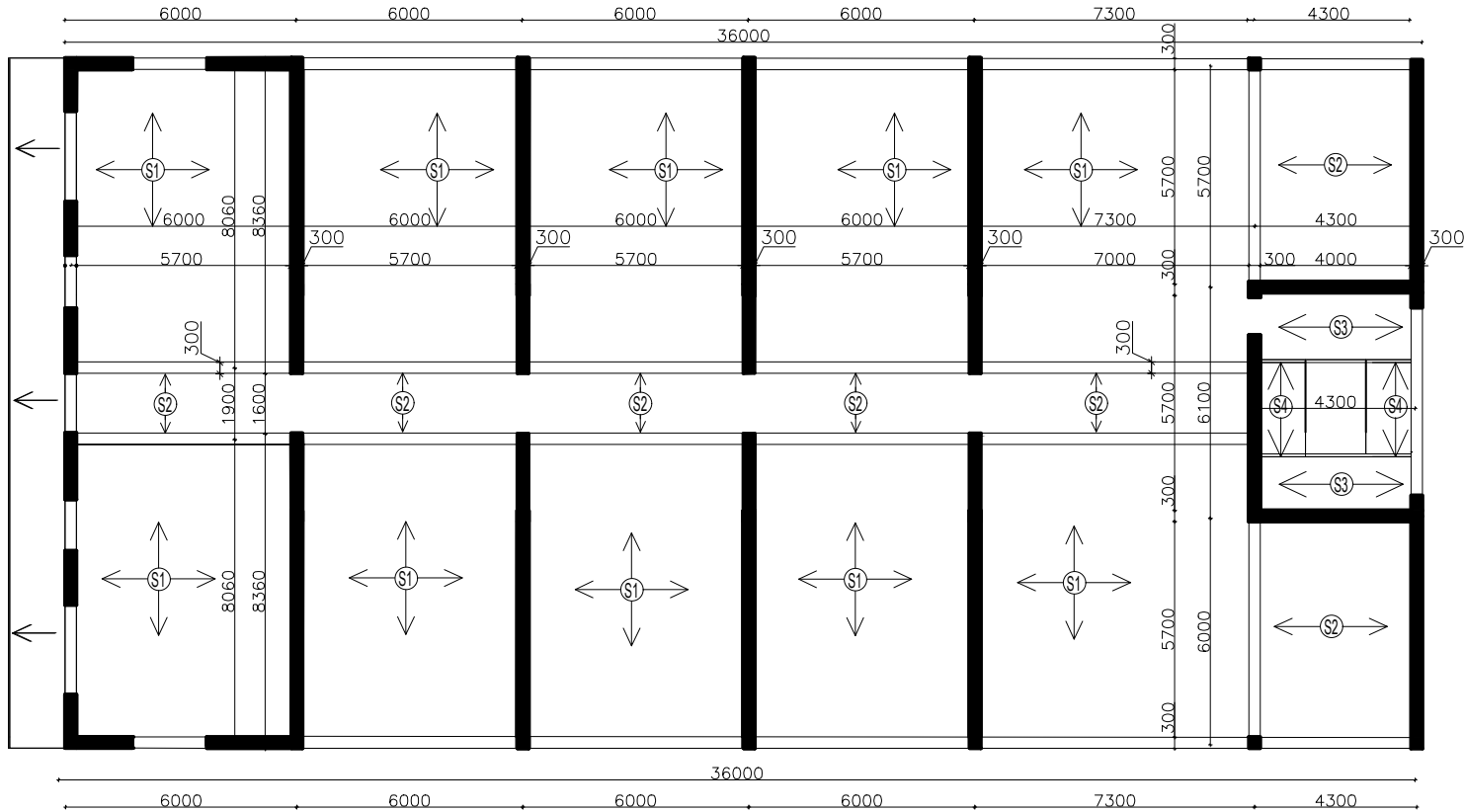


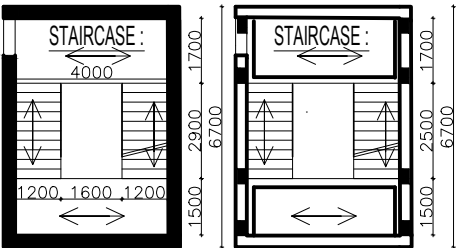
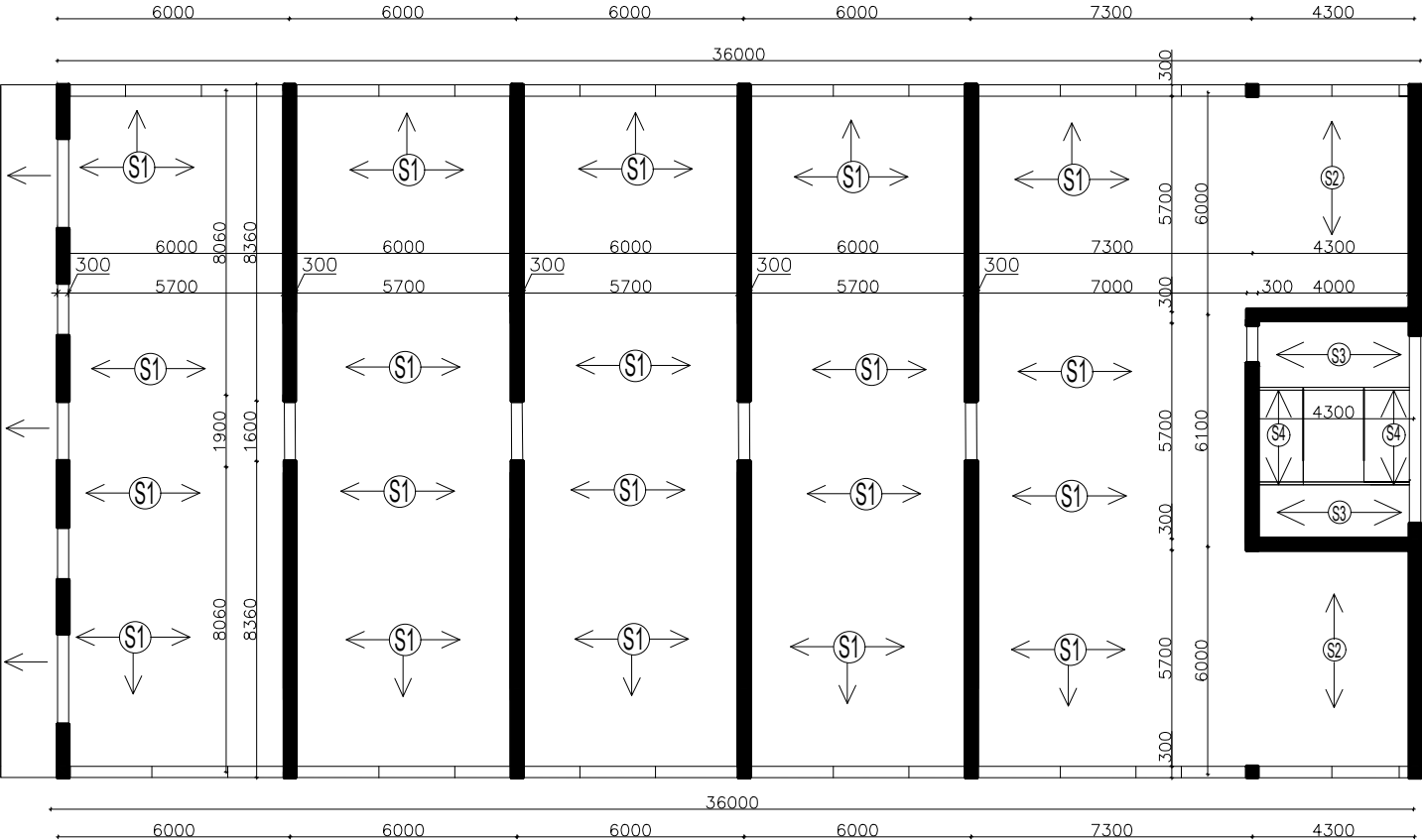
TYPICAL FLOOR PLANS: +6,200 M; 9,300M



STRUCTURAL SOLUTION IN BASEMENT VARIANT A.
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

STRUCTURAL SOLUTION IN BASEMENT VARIANT B.
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

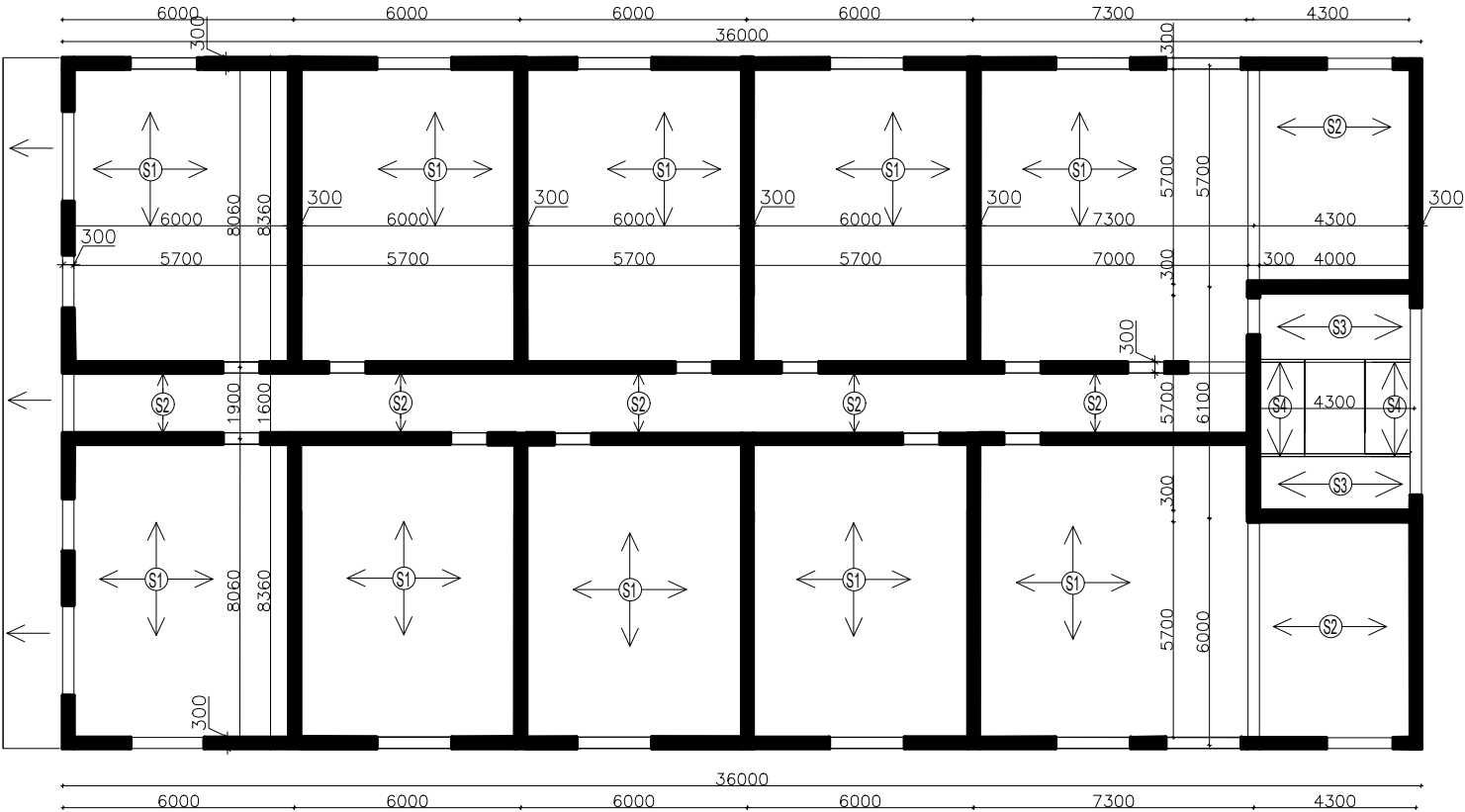
TYPICAL FLOOR PLANS: +6,200 M; 9,300M



- h = 170 mm , b = 290 mm ,
- L1 = 1700 mm , L2 = 1500
- hf = 3100 mm , B = 4000 mm , SLOPE : max. 30,38 °

STRUCTURAL SOLUTION IN BASEMENT 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: +6,200 M; 9,300M



STRUCTURAL SOLUTION IN BASEMENT VARIANT A.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .
- HORIZONTAL ELEMENTS SLABS
- VERTICAL ELEMENTS COLUMNS WALLS
- ROUND WHOLE BUILDING IS REINFORCED CONCRETE WALLS
- STAIRCASE IS SUPPORTED BY REINFORCED CONCRETE WALLS

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 PEI

±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>
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,B,C"			
		Scale. 1:50	Drawing No. 04