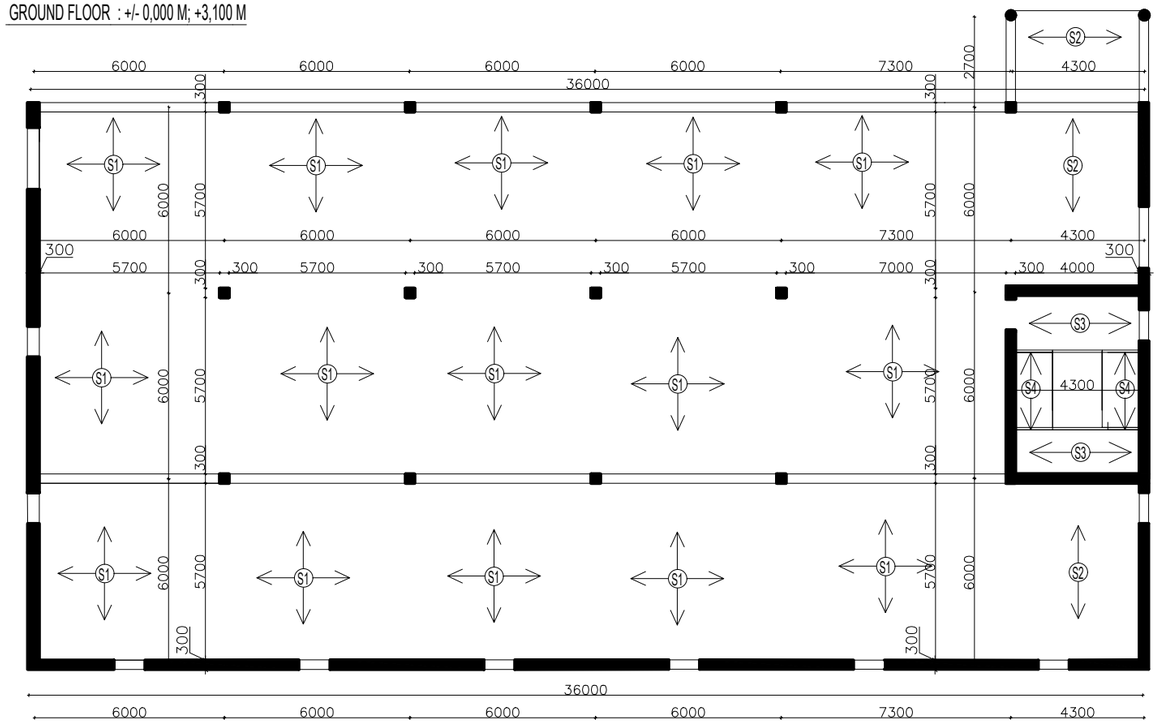
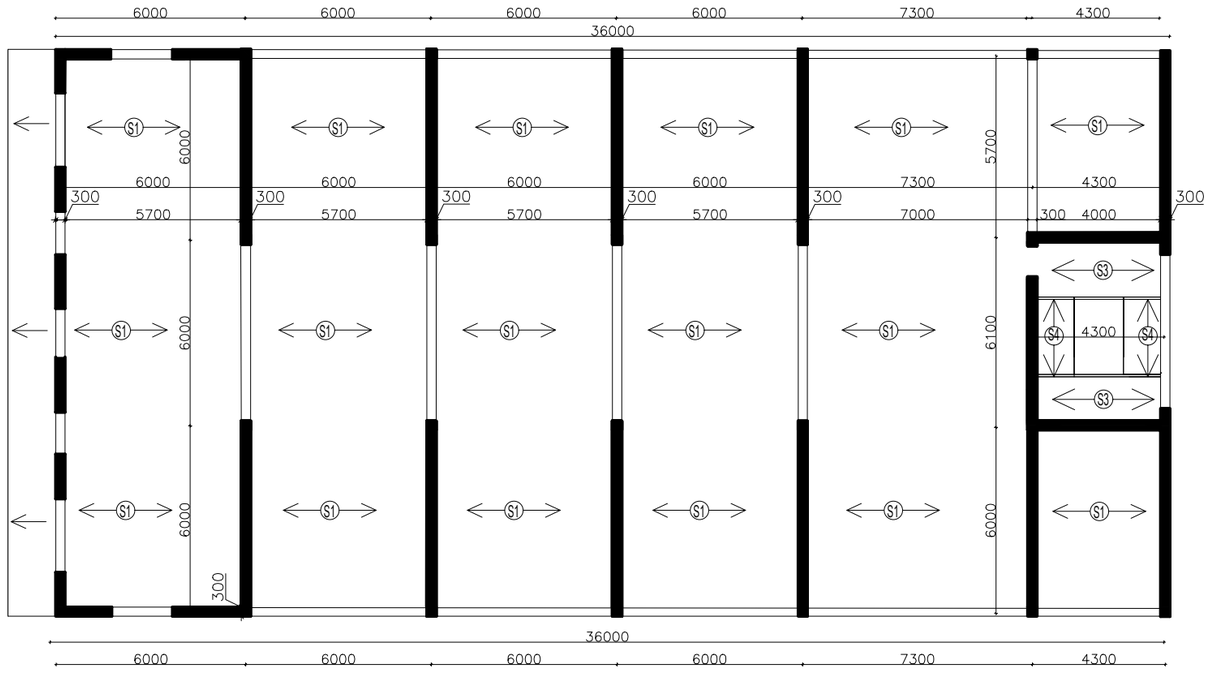
GROUND FLOOR : +/- 0,000 M; +3,100 M



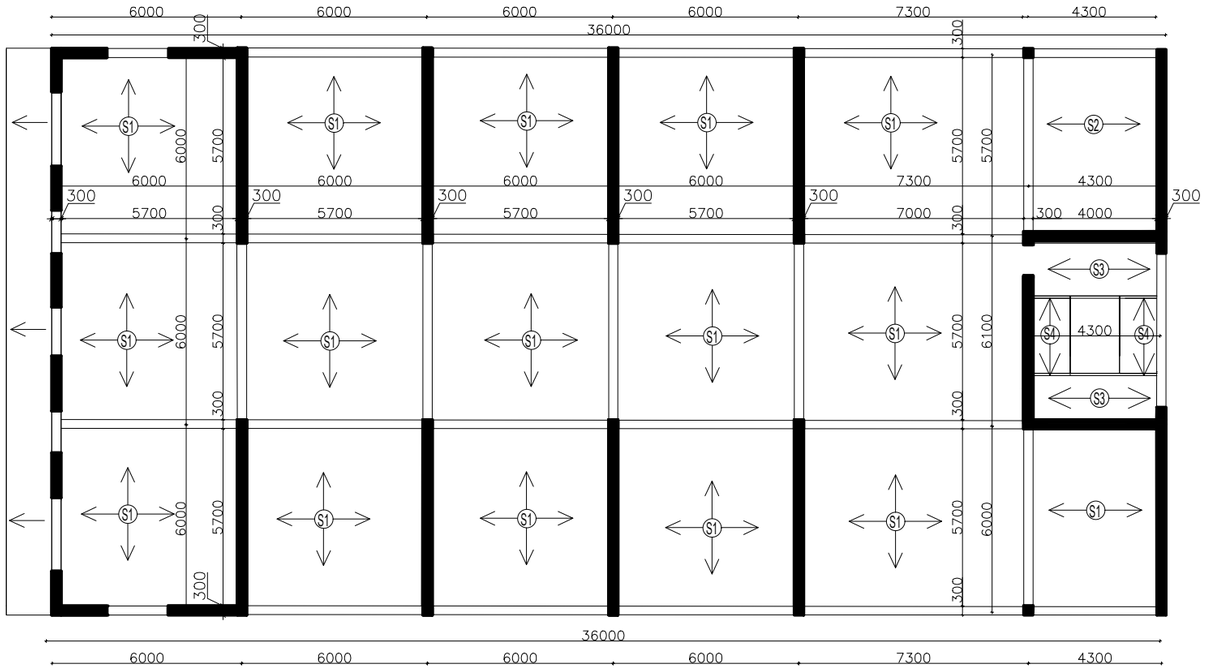
STRUCTURAL SOLUTION IN GROUND FLOOR VARIANT C.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .
- HORIZONTAL ELEMENTS SLABS h = 200mm
- VERTICAL ELEMENTS COLUMNS WALLS t = 300mm
- ROUND WHOLE BUILDING IS REINFORCED CONCRETE WALLS t = 300mm
- STAIRCASE IS SUPPORTED BY REINFORCED CONCRETE WALLS t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

STRUCTURAL SOLUTION IN TYPICAL FLOOR OFFICE VARIANT C.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .
- HORIZONTAL ELEMENTS SLABS h = 200mm
- VERTICAL ELEMENTS COLUMNS INTERNAL 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

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



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



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

STRUCTURAL SOLUTION IN TYPICAL FLOOR OFFICE VARIANT C.
COMBINE SYSTEMS.
MAIN BEARING ELEMENTS ARE AS FOLLOW .
- HORIZONTAL ELEMENTS SLABS h = 200mm
- VERTICAL ELEMENTS COLUMNS INTERNAL 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.	ČVUT
DREW BY: Bc.M. Faeyz Yosufi	**CUSTOMER:** Faculty of Civil Engineerinf Czech technical University In Prague		
General Purpose: Multifunctional building		PARE:	**Format:** 1XA2
			Date: 13.10.2019
			Purpose building permit
			Archive Issues -----
Attachment name: **Structural solution variant "C"**			**Scale. 1:50** **Drawing No. 03**