





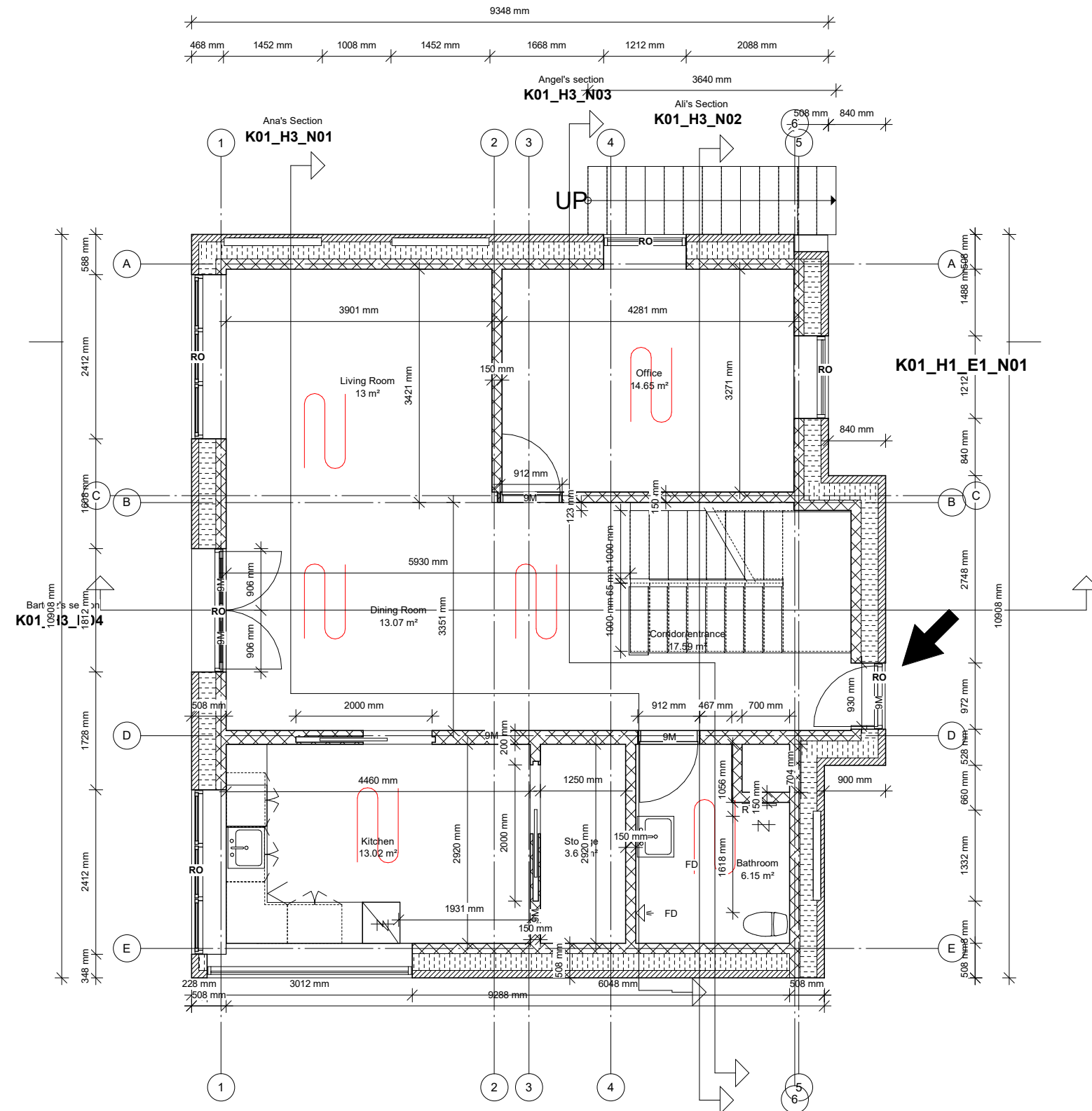
External wall
Standard brick 108 mm
Mineral wool insulation 250 mm
Concrete panel (Ytong) 150 mm
Min. U-value requirement: 0.30 W/m²K
Actual U-value: 0.159 W/m²K
Min. fire demand: R 60

Internal partition wall
Pre-fabricated concrete panel (Ytong) 150/200 mm
Min. fire demand: REI 30

Heavy floor partition
Concrete deck element (Expan) 220 mm
Hard insulation 50 mm
In-situ cast concrete
Min. fire demand: REI 60

Legends:

-  MECHANICAL EXTRACTION
-  RESCUE OPENING
-  RADIATOR
-  FLOOR HEATING



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
PROJECT: 2 1/2 Storey family house - Sundgaardsvej 95	DATE: 01/17/22	K01_H1_E1_N01
SUBJECT: Ground floor Plan	SCALE: 1 : 50	
DRAWN BY: Group 2	CLASS: AH 21-S	

External wall
Standard brick 108 mm
Mineral wool insulation 250 mm
Pre-fabricated concrete panel (Ytong) 150 mm
Min. U-value requirement: 0.30 W/m2K
Actual U-value: 0.159 W/m2K
Min fire demand: R 30

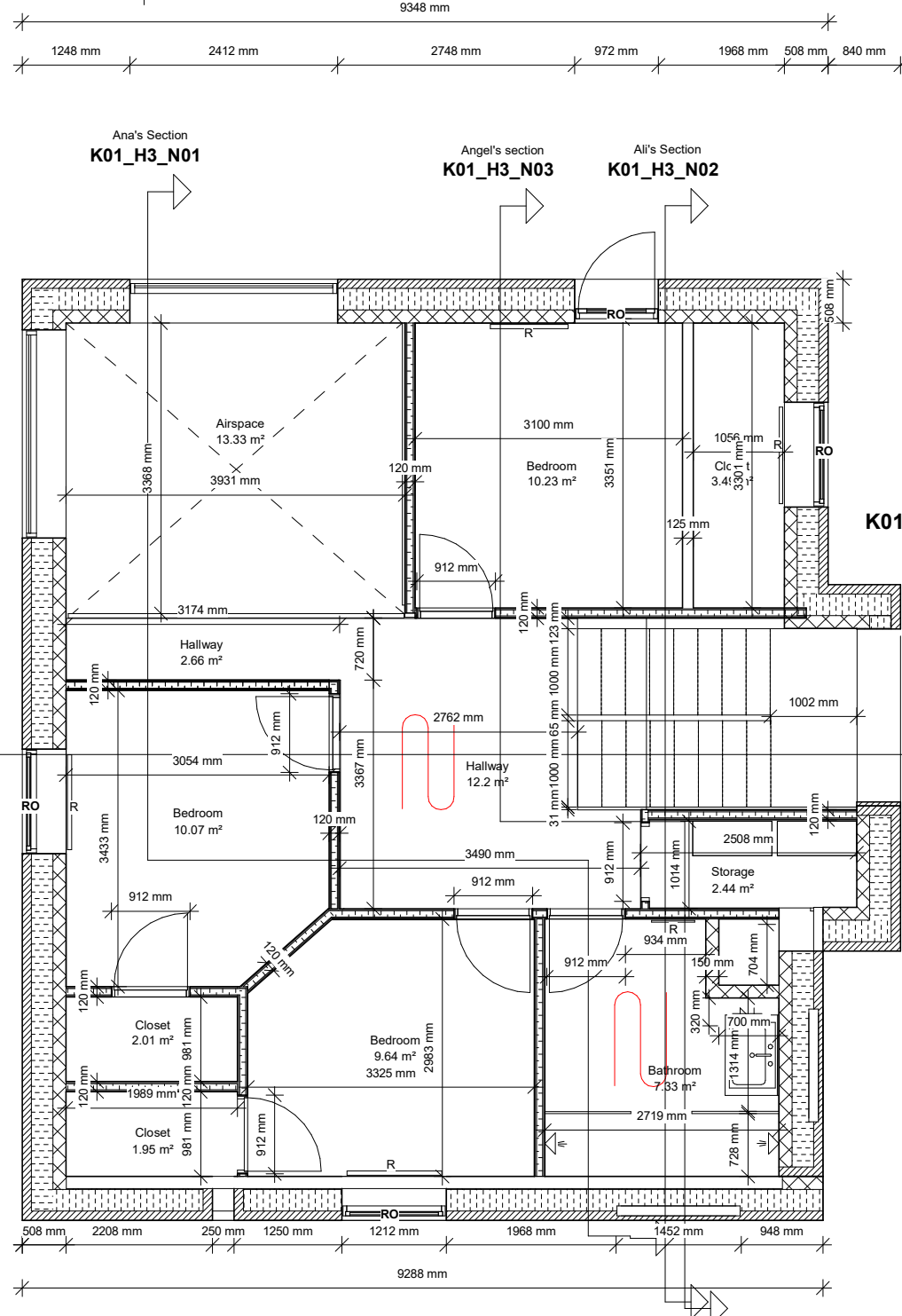
Internal partition wall
Gypsum boards 2x12,5 mm
Steel stud frame
Mineral wool insulation 70 mm
Min. fire demand: EI 30

Light floor partition
Open metal web joist
Insulation
Chipboard
Foam underlay
Tongue & grooved wood 14 mm
Min. fire demand: EI 30

Legends:

-  MECHANICAL EXTRACTION
- RO** RESCUE OPENING
- R** RADIATOR

Bartos's section
K01_H1_E2_N04



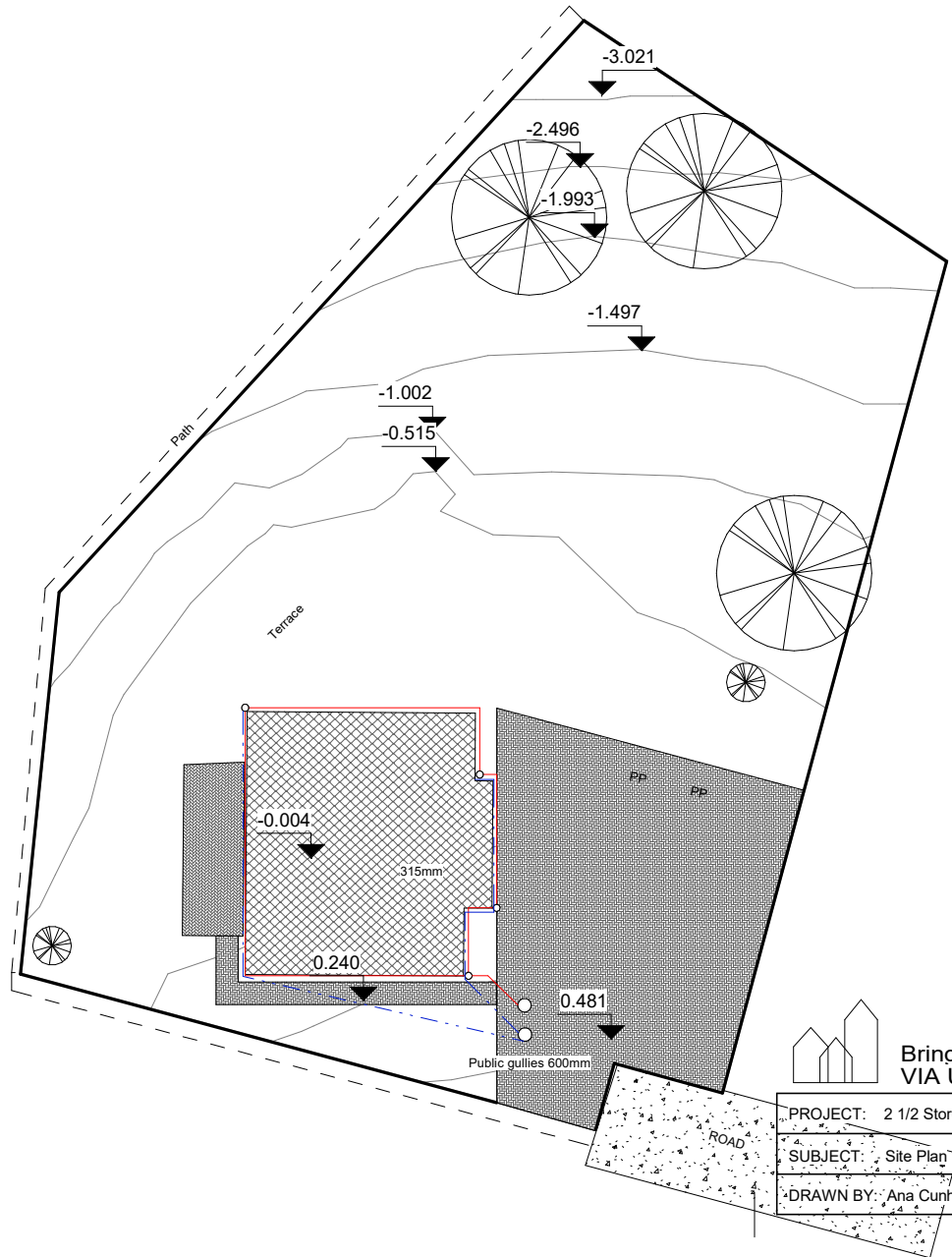
900 mm



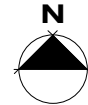
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PROJECT: 2 1/2 Storey family house - Sundgaardsvej 95	DATE: 01/17/22	K01_H1_E2_N01
SUBJECT: 1st Floor plan	SCALE: 1 : 50	
DRAWN BY: Group2	CLASS: AH 21-S	



-  Concrete pavement slabs
-  Natural Slated 300x600mm
-  Concrete road



All dimensions are in mm
 Sundgårdsvej 95
 Plot number: 95
 Plot area: 1293m²
 Gross floor area: 280m²
 Built up area: 303m²
 Building-Plot ratio: 12.92m²
 PP: Parking place

-  Rain water pipes
-  Perimeter Drain

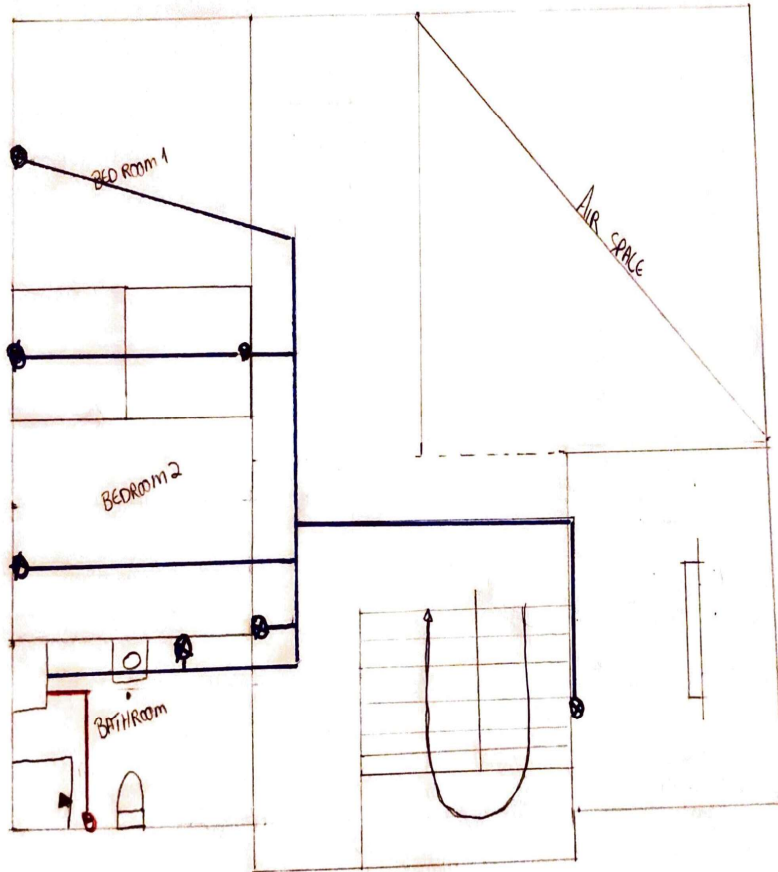


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Campus TYPE CITY

PROJECT: 2 1/2 Storey family house - Sundgaardsvej 95	DATE: 01/16/22	K01_H1_E1_N02
SUBJECT: Site Plan	SCALE: 1 : 200	
DRAWN BY: Ana Cunha	CLASS:	

VENTILATION PLAN: 1st FLOOR

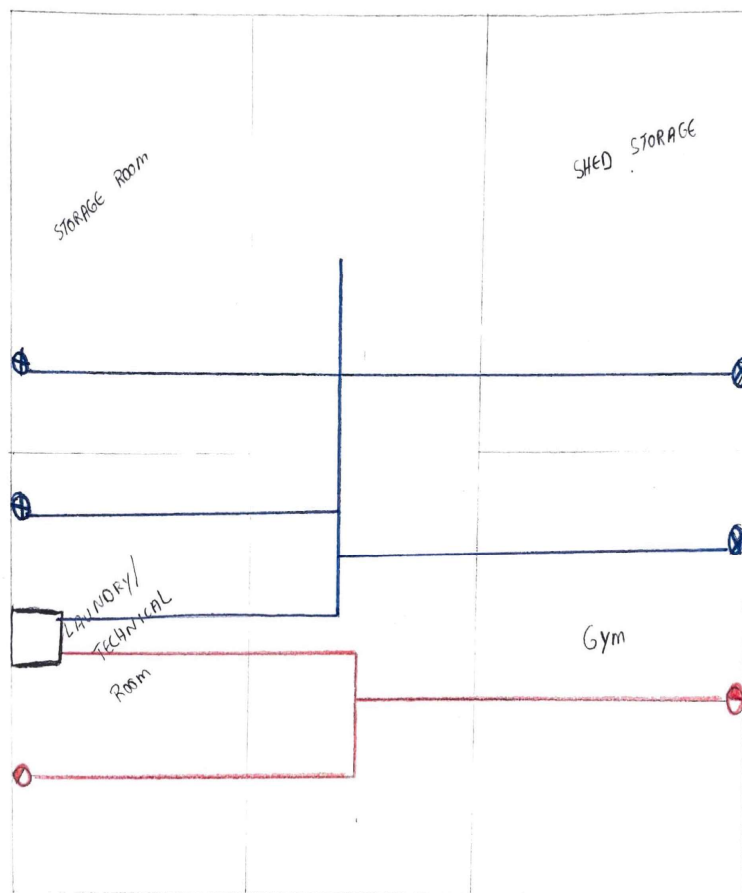


⊗ - AIR SUPPLY

⊖ - EXHAUST

02/09/21 A.

VENTILATION PLAN: BASEMENT



⊗ - FRESH AIR

⊙ - EXHAUST

04/09/21 N.

VENTILATION PLAN: GROUND FLOOR

