

1

AREAS

TYPE NUM

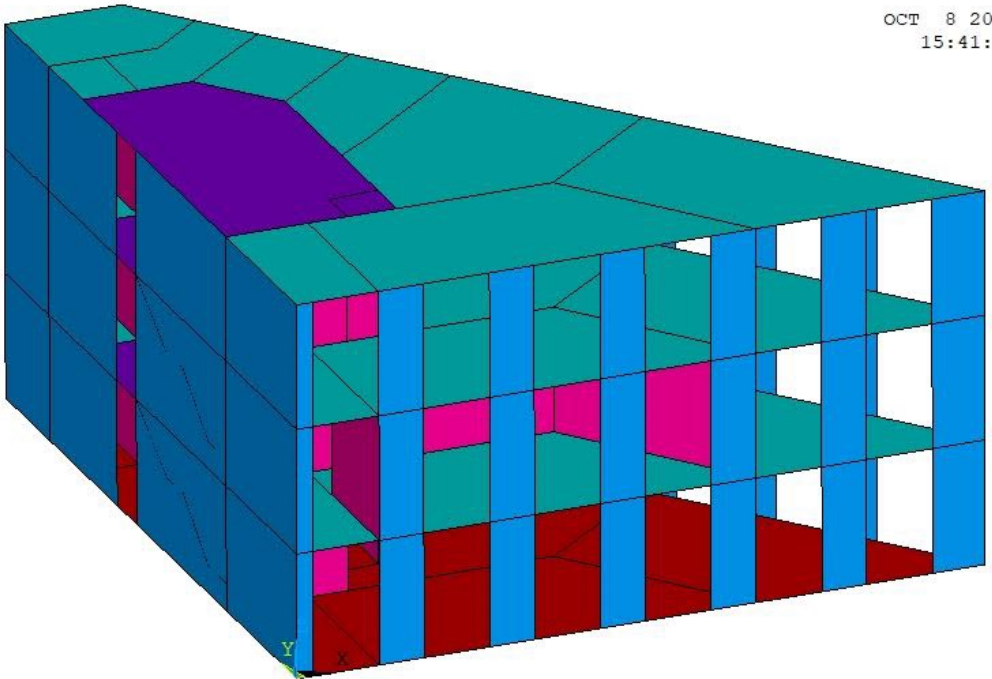
Ansys

2021 R2

TEACHING

OCT 8 2024

15:41:28



Geometry Setting: (Default)

1. Height of each floor: 3.37 m
2. Thickness of slab: A4~8 in 1.2.3.O.G = 0.468m
- 3 Thickness of corridor: A9.A10 in 1.2.3.OG = 0.8m
- 4 Thickness of ground: E.G = 0.05m.
- 5 Thickness of inner and outside wall = 0.2m
- 6 Thickness of stair = 0.468m

- KEY POINT allocation.: page 2

Total number of KP: 57 (without stair)

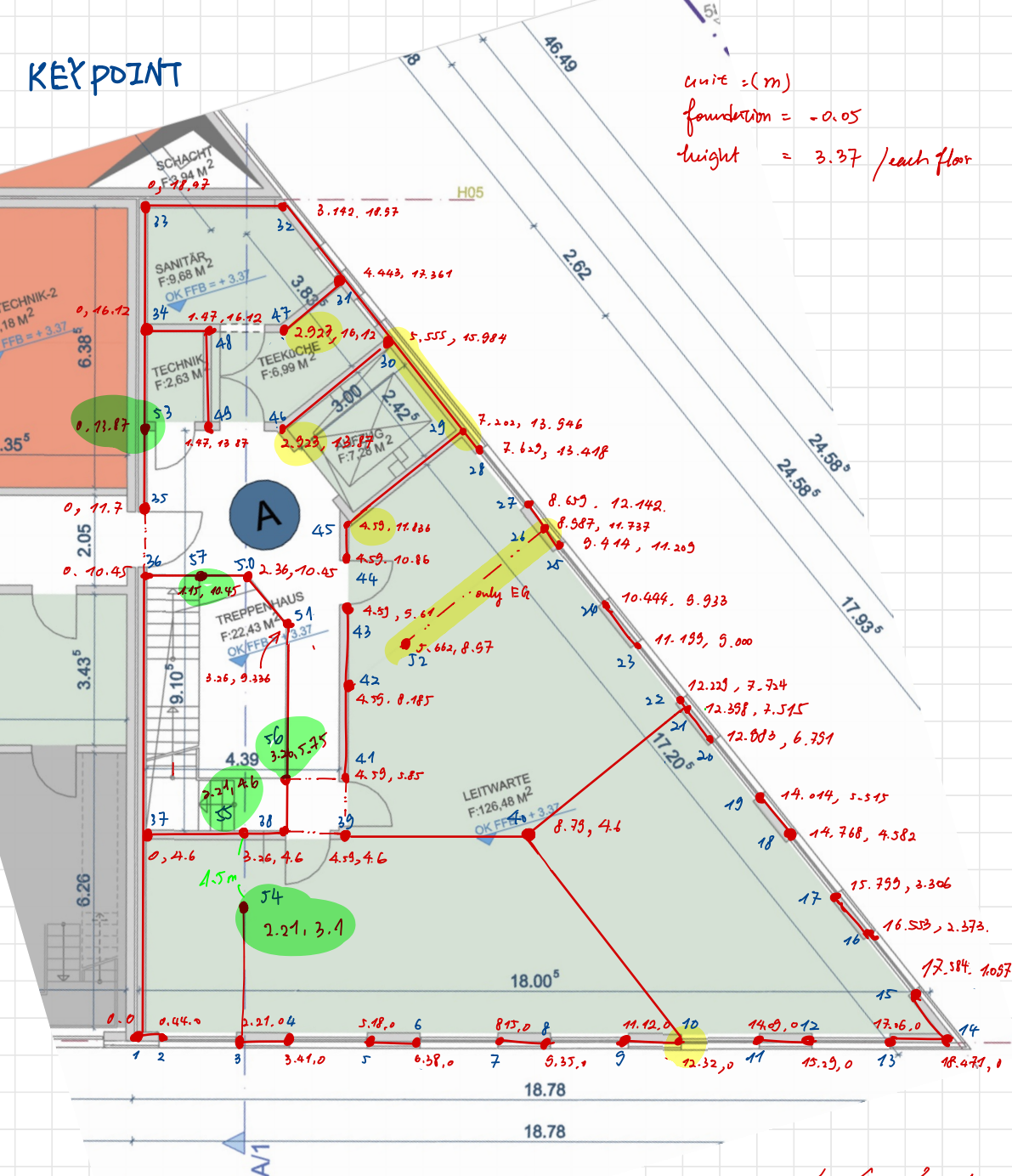
- AREA allocation: page 3, 4
- STAIR allocation: page 5

KEY POINT

Unit = (m)

foundation = -0.05

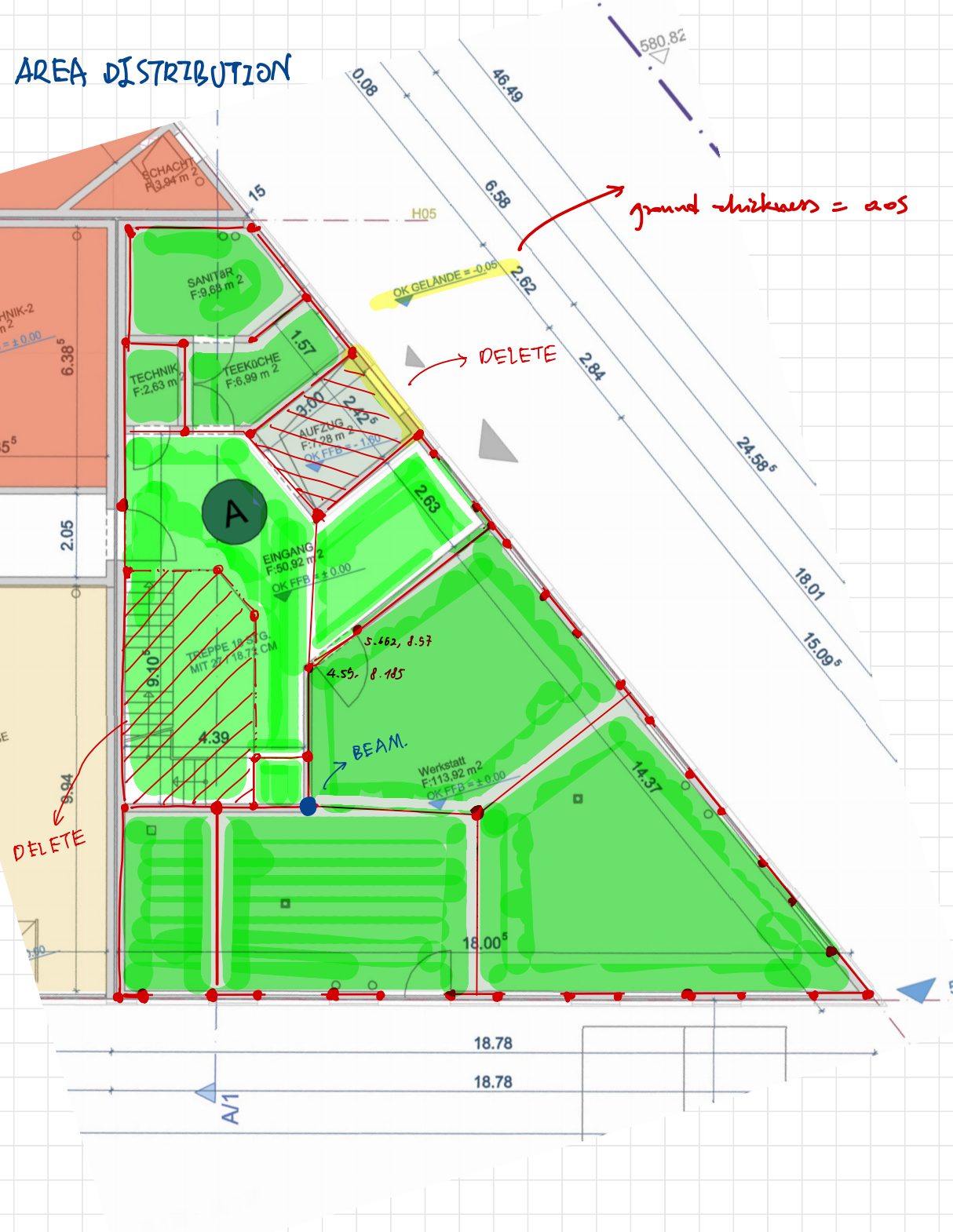
height = 3.37 / each floor



* **keypoint = 52** ~~53~~ ~~54~~ ~~55~~

57

AREA DISTRIBUTION

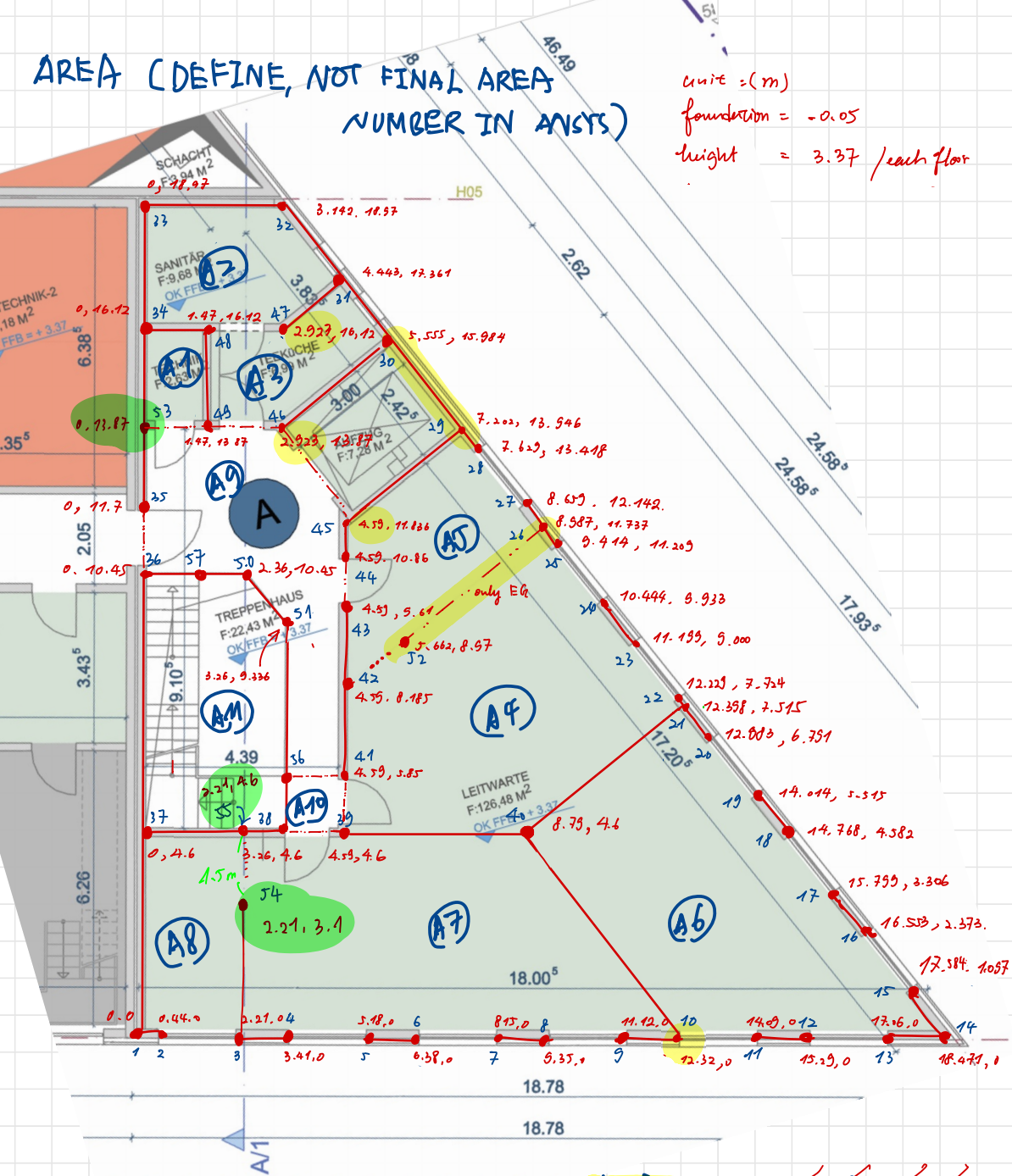


AREA (DEFINE, NOT FINAL AREA
NUMBER IN ANSTS)

unit = (m)

foundation = -0.05

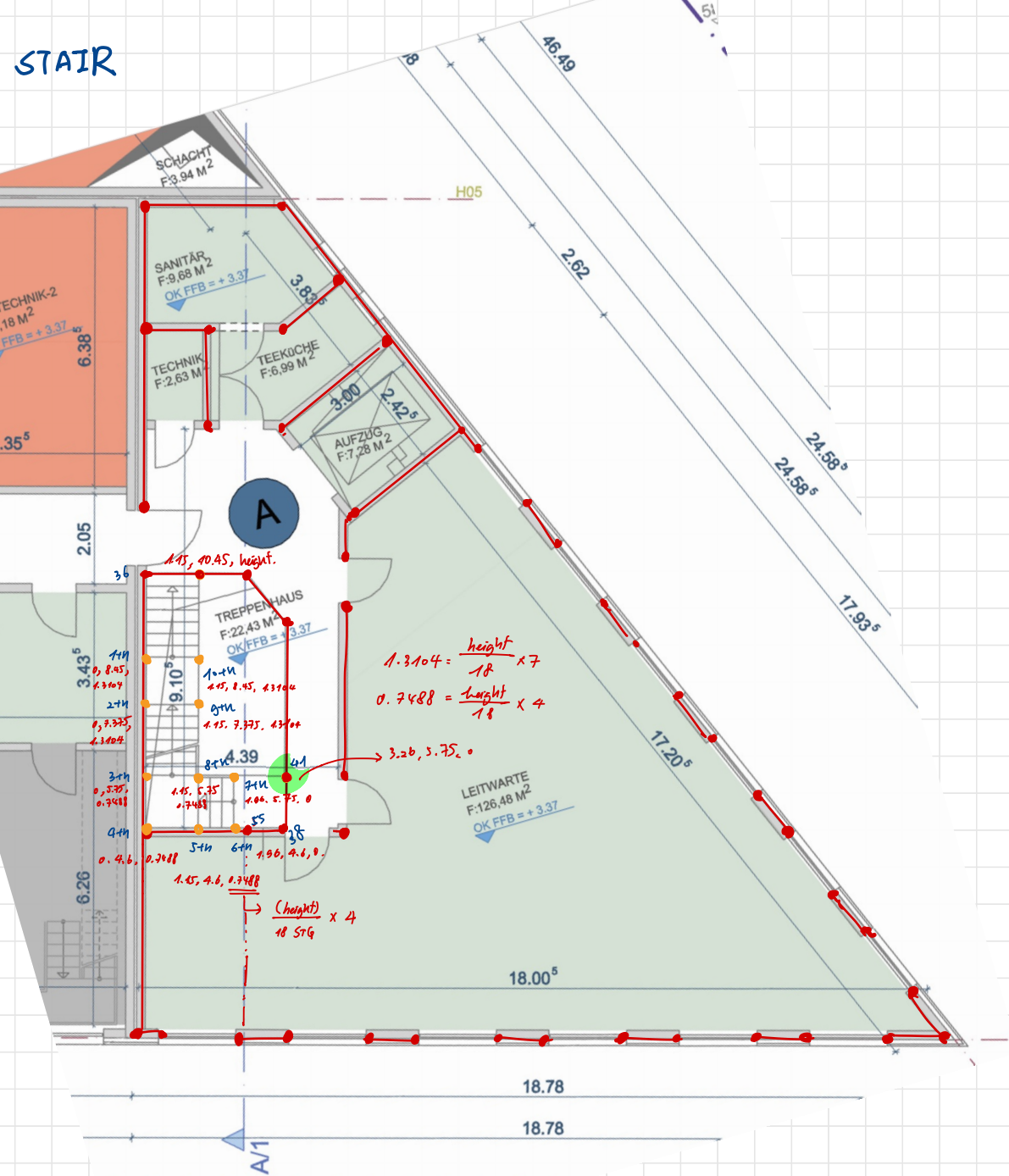
height = 3.37 / each floor



* keypoint = ~~52~~ ~~53~~ ~~54~~ ~~55~~

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STAIR



- $N = \text{num_stories} \times \text{num_keypoint}$