

Enhancing Seismic Safety in Munich's Geothermal Energy Sector: Data-driven Model Updating for Building Vibrations under Induced Seismicity

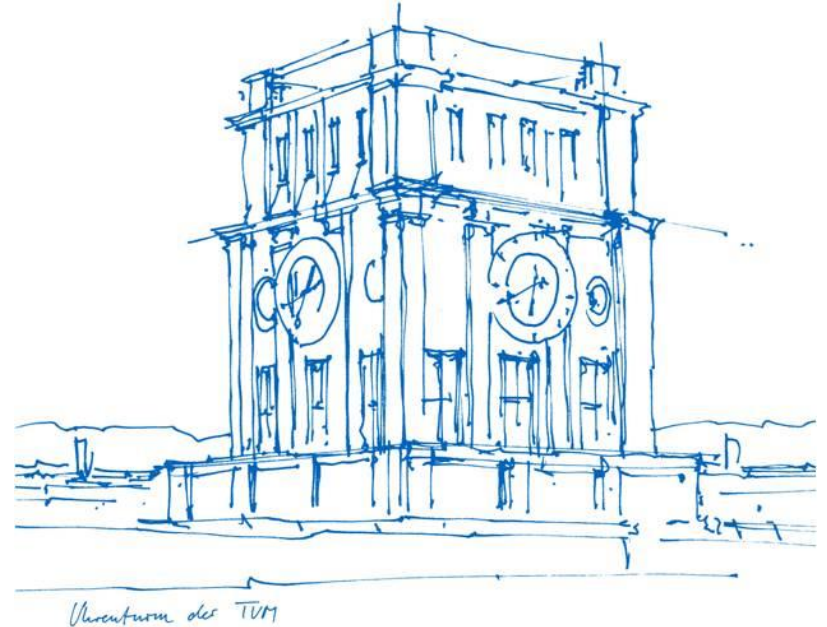
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Channel assignment

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Channel Assignment:

Uniax 2.OG      = [1,2,3]
Triax EG        = [4, 5, 6]
Triax 1.OG      = [7,8,9]
Uniax 1.OG      = [10,11,12]
Triax 2.OG      = [13,14,15]
Waende(wall)    = [16,17,18]
Hammer          = [19]

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Confirmed:

Triax 2.OG      = [13,14,15]
Triax 1.OG      = [7,8,9]
Triax EG        = [4, 5, 6]

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Not confirmed:

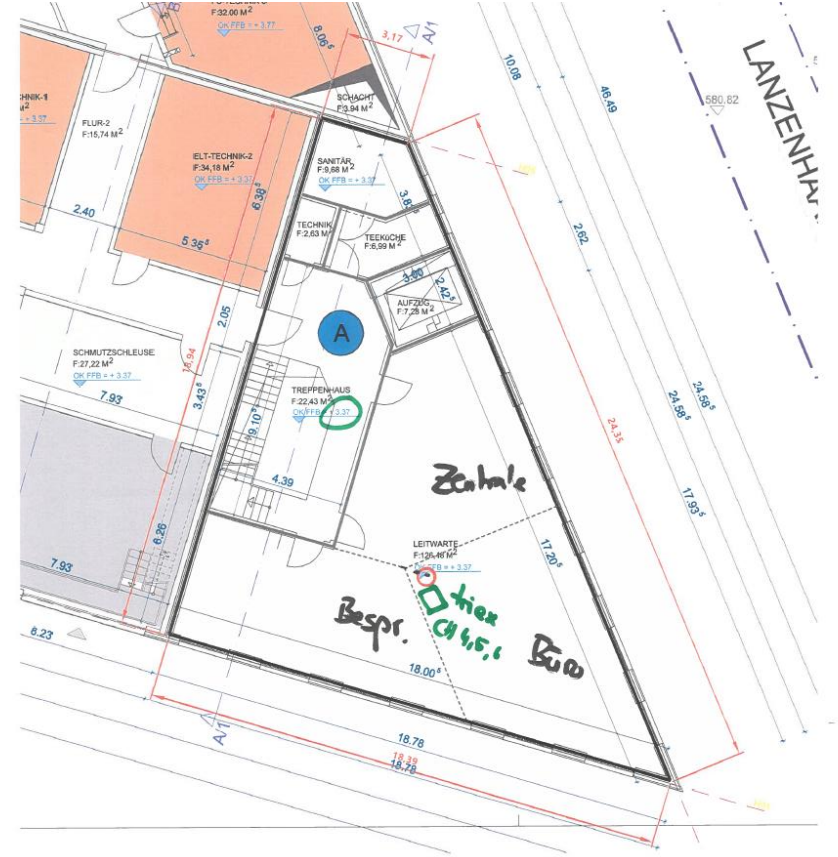
Uniax 2.OG      = [1,2,3]
Uniax 1.OG      = [10,11,12]
Waende(wall)    = [16,17,18]
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- For Triax EG:
 $[x, y, z] = [4, 5, 6]$
- For Triax 1.0G:
 $[x, y, z] = [7, 8, 9]$
- For Triax 2.0G:
 $[x, y, z] = [13, 14, 15]$
- For Uniax: vertical dirs.
- For Waende: horizontal dirs.

Channel at 1. OG

Q: Does the Triex sensor point in the same direction as the Menhir device? **Yes**

Q: The corresponding channel for the Triex sensor at 1. OG should be channel [7,8,9] for [X, Y, Z]?



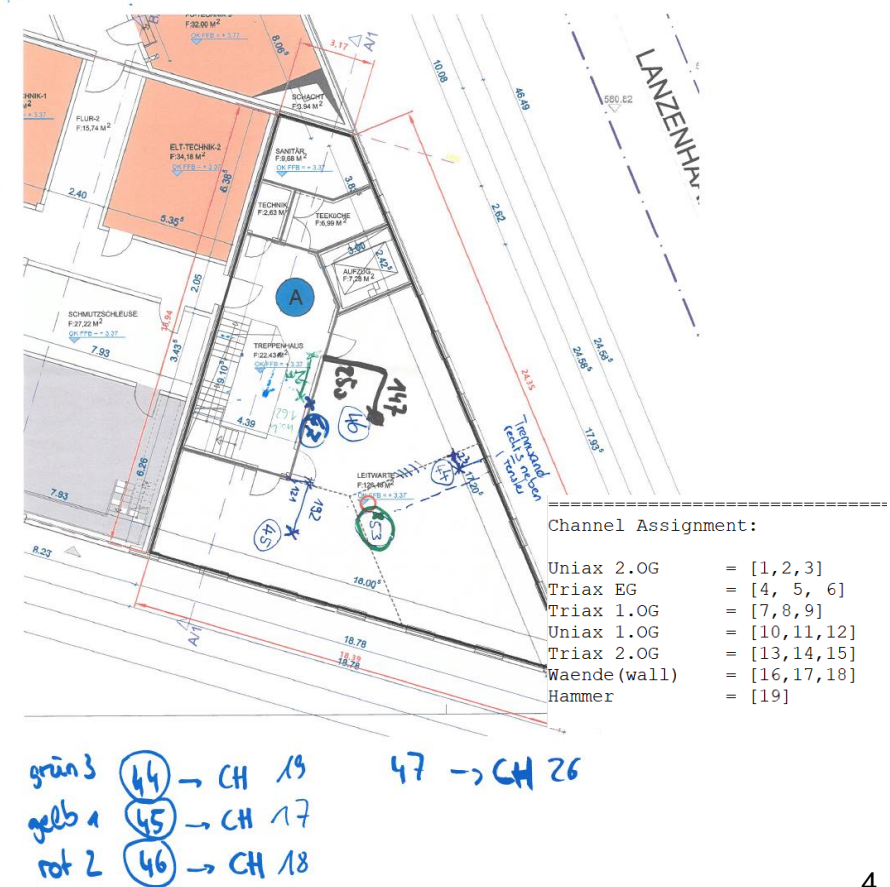
Channel at 1. OG

Q: What are the corresponding channels for positions [44,45,46,47]?

- 44 = CH:
- 45 = CH:
- 46 = CH:
- 47 = CH: (Waende)

Q: Positions 44, 45, and 46 should be in vertical dir., and 47 should be in horizontal?

Q: The unit here should be cm?



Channel at 2. OG

Q: What are the corresponding channels for positions [41,42,43,31,32]?

- 41 = CH:
- 42 = CH:
- 43 = CH:
- 31 = CH: (Waende)
- 32 = CH: (Waende)

Q: Positions 41, 42, and 43 should be in vertical dir., and 31,32 should be in horizontal?

