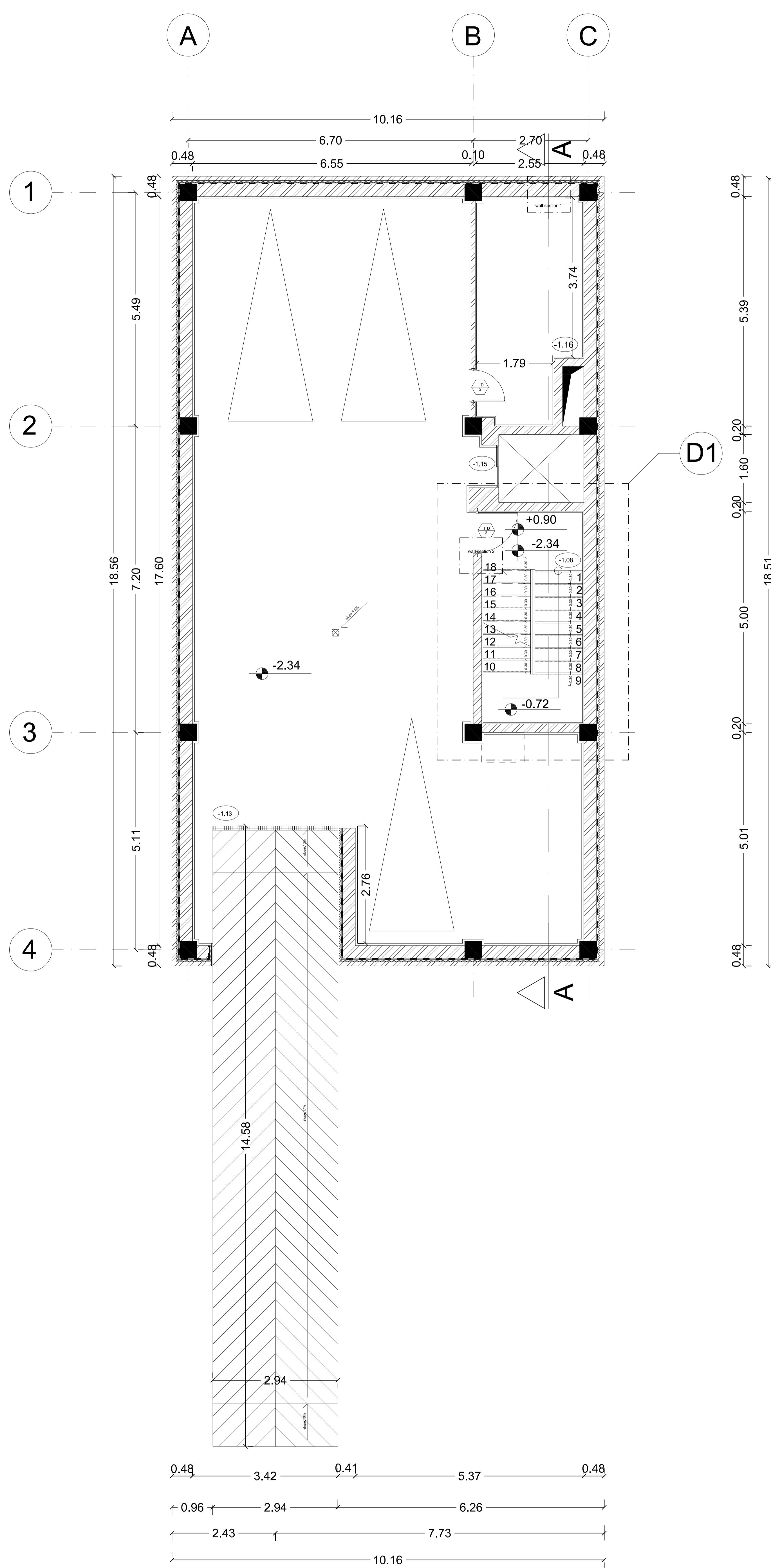


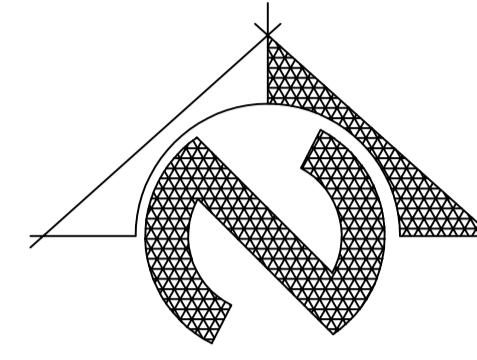
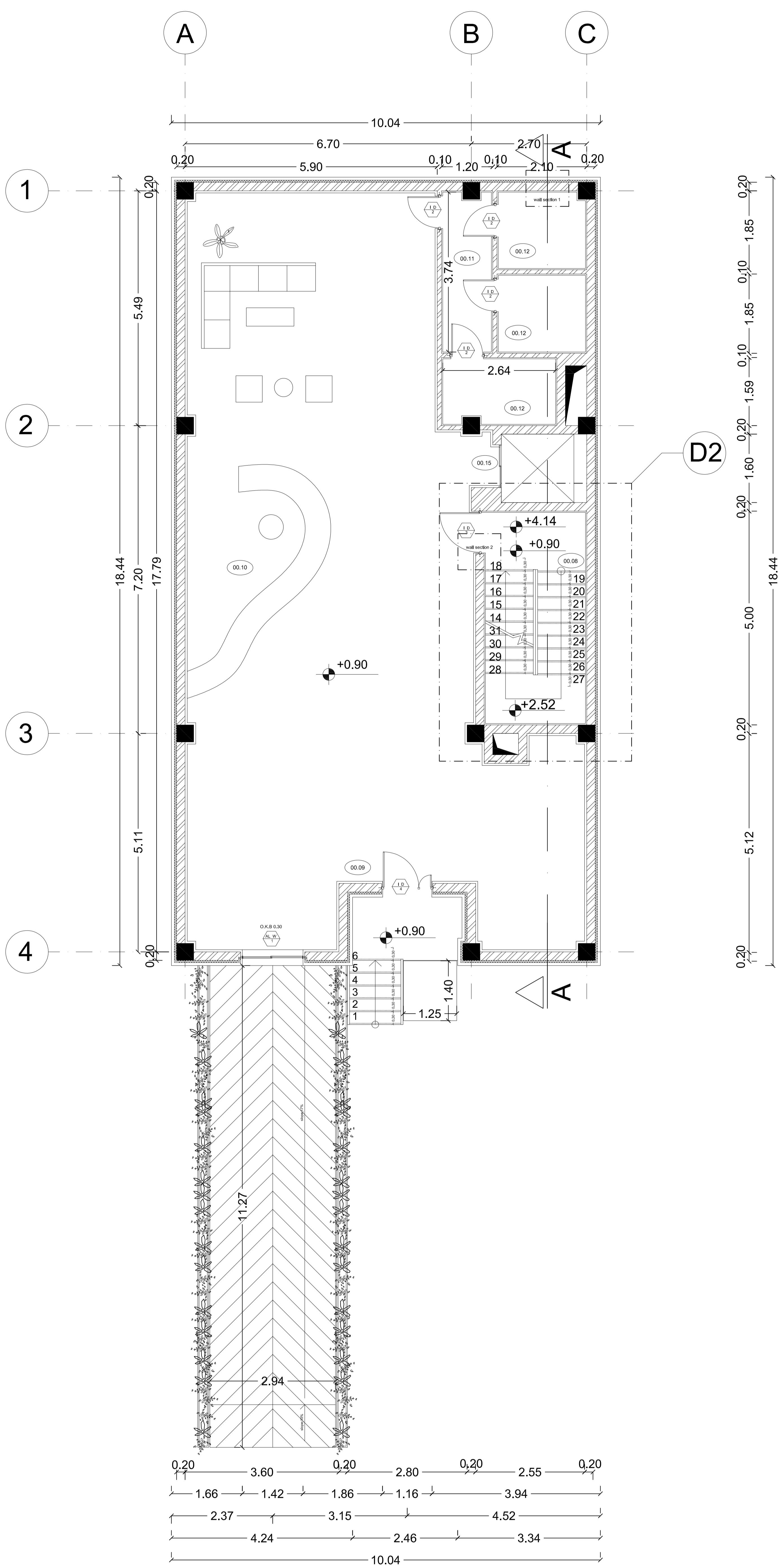
# Residential Building

Shariaty Technical College

Instructor: Nastaran Torabi  
Student: Helia Tabarzadi

2019-2020

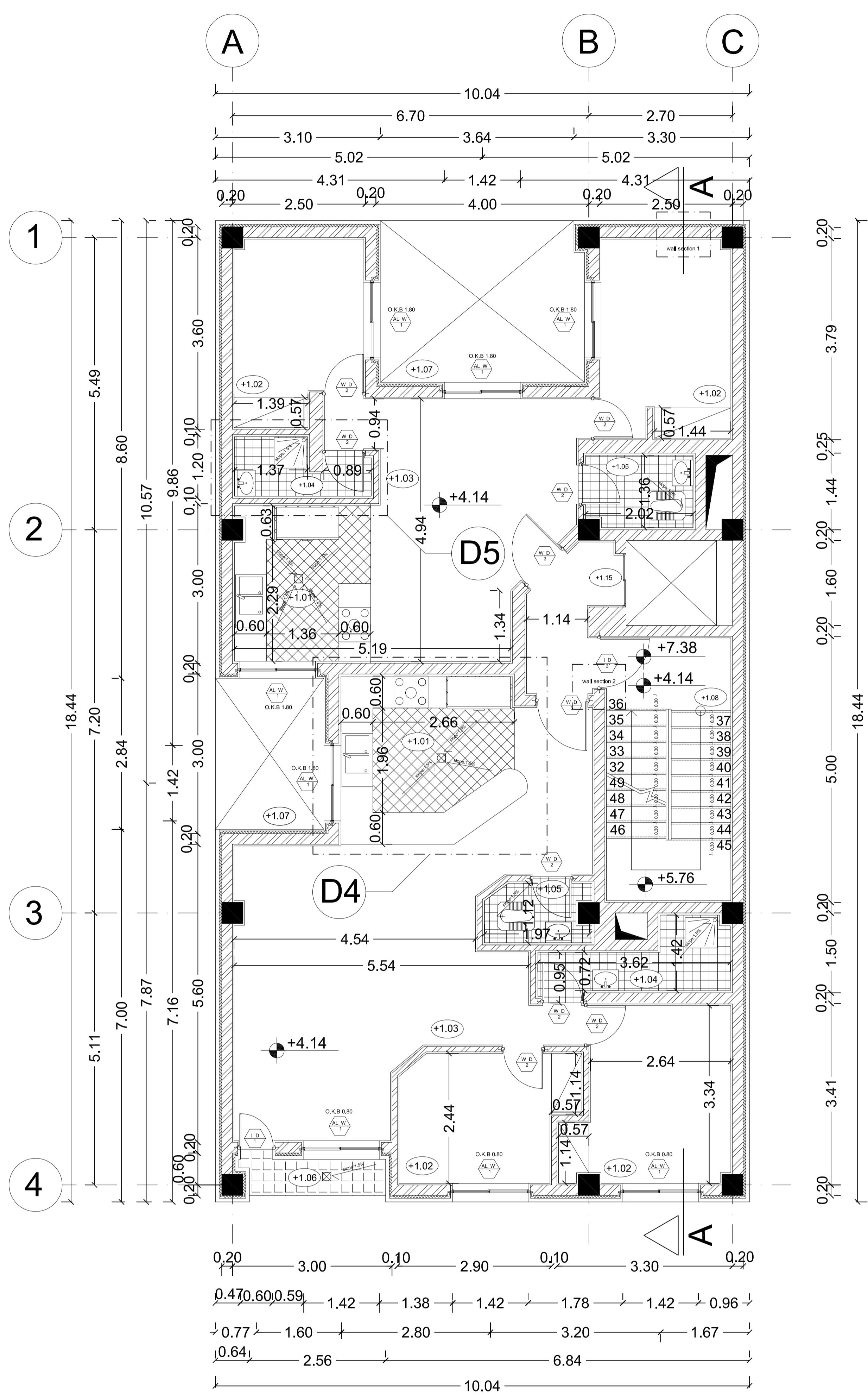




| space name    | number |
|---------------|--------|
| kitchen       | 01     |
| bedroom       | 02     |
| living room   | 03     |
| bathroom      | 04     |
| restroom      | 05     |
| trace         | 06     |
| patio         | 07     |
| stairway      | 08     |
| lobby         | 09     |
| watch         | 10     |
| gallery       | 11     |
| store room    | 12     |
| parking       | 13     |
| hall          | 14     |
| elevator      | 15     |
| facility room | 16     |

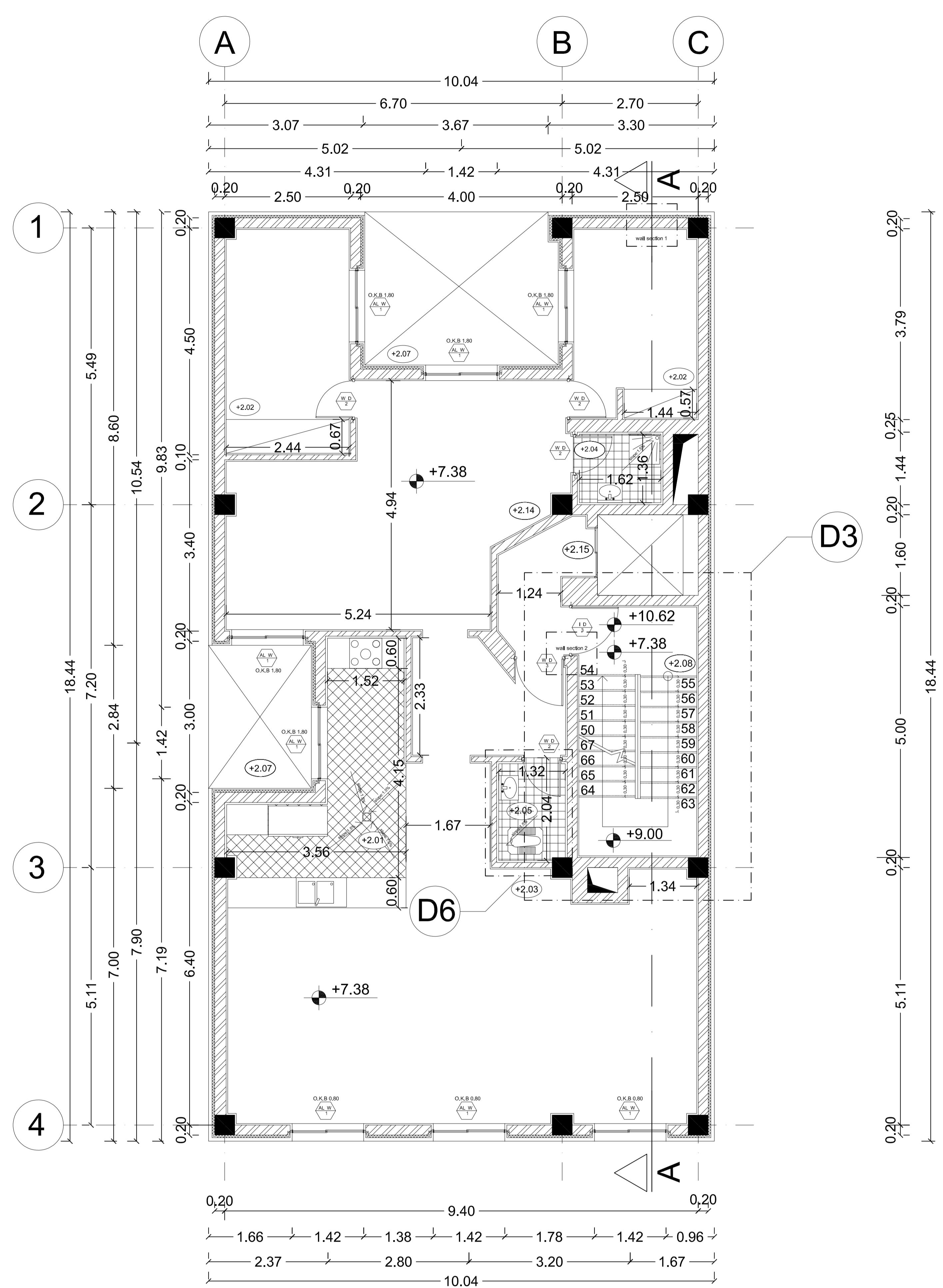
Ground Floor Plan

SC: 1/50



**First Floor Plan**

SC: 1/50



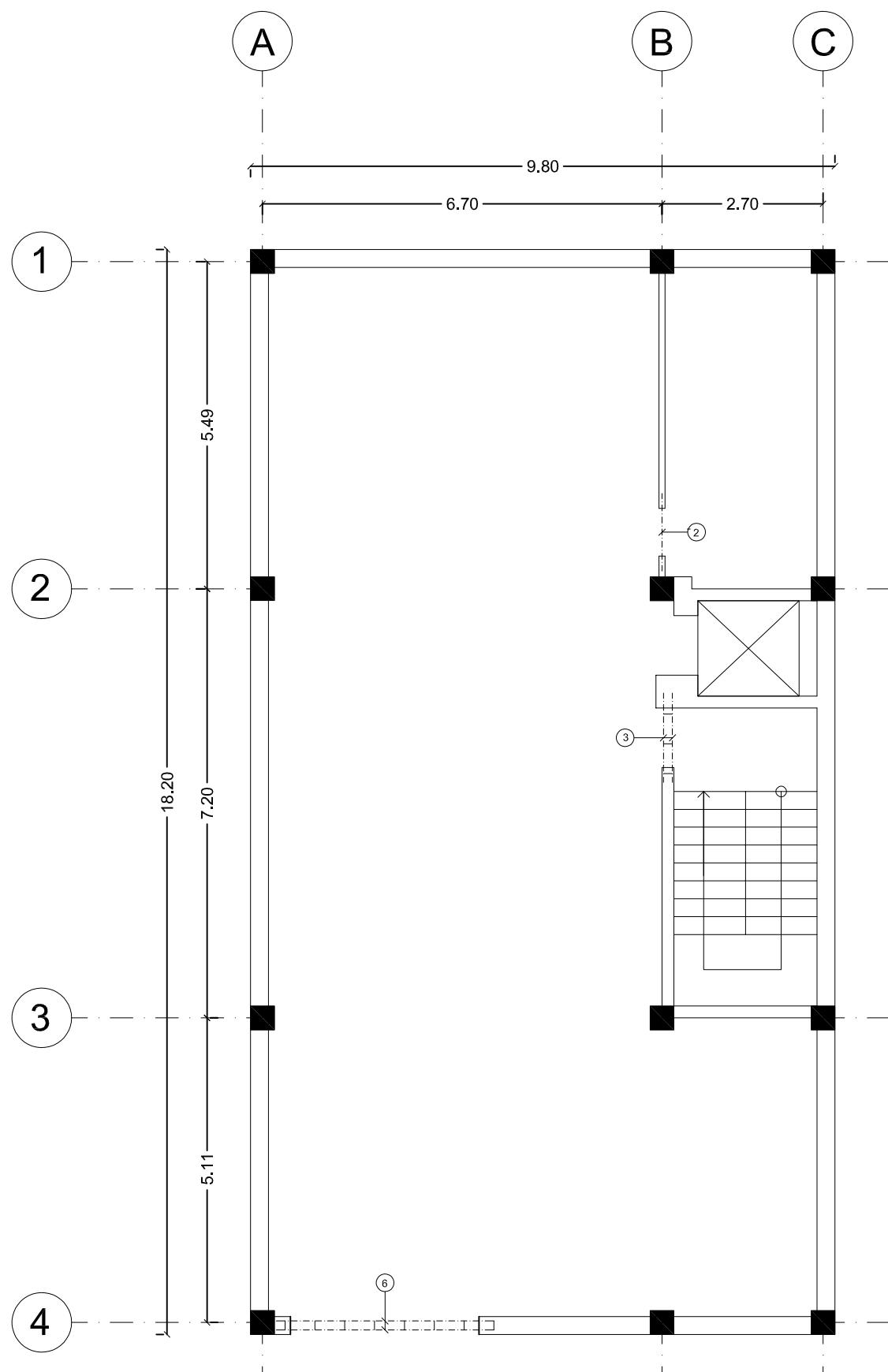
| space name    | number |
|---------------|--------|
| kitchen       | 01     |
| bedroom       | 02     |
| living room   | 03     |
| bathroom      | 04     |
| restroom      | 05     |
| trace         | 06     |
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| stairway      | 08     |
| lobby         | 09     |
| watch         | 10     |
| gallery       | 11     |
| store room    | 12     |
| parking       | 13     |
| hall          | 14     |
| elevator      | 15     |
| facility room | 16     |

# Second Floor Plan

SC: 1/50

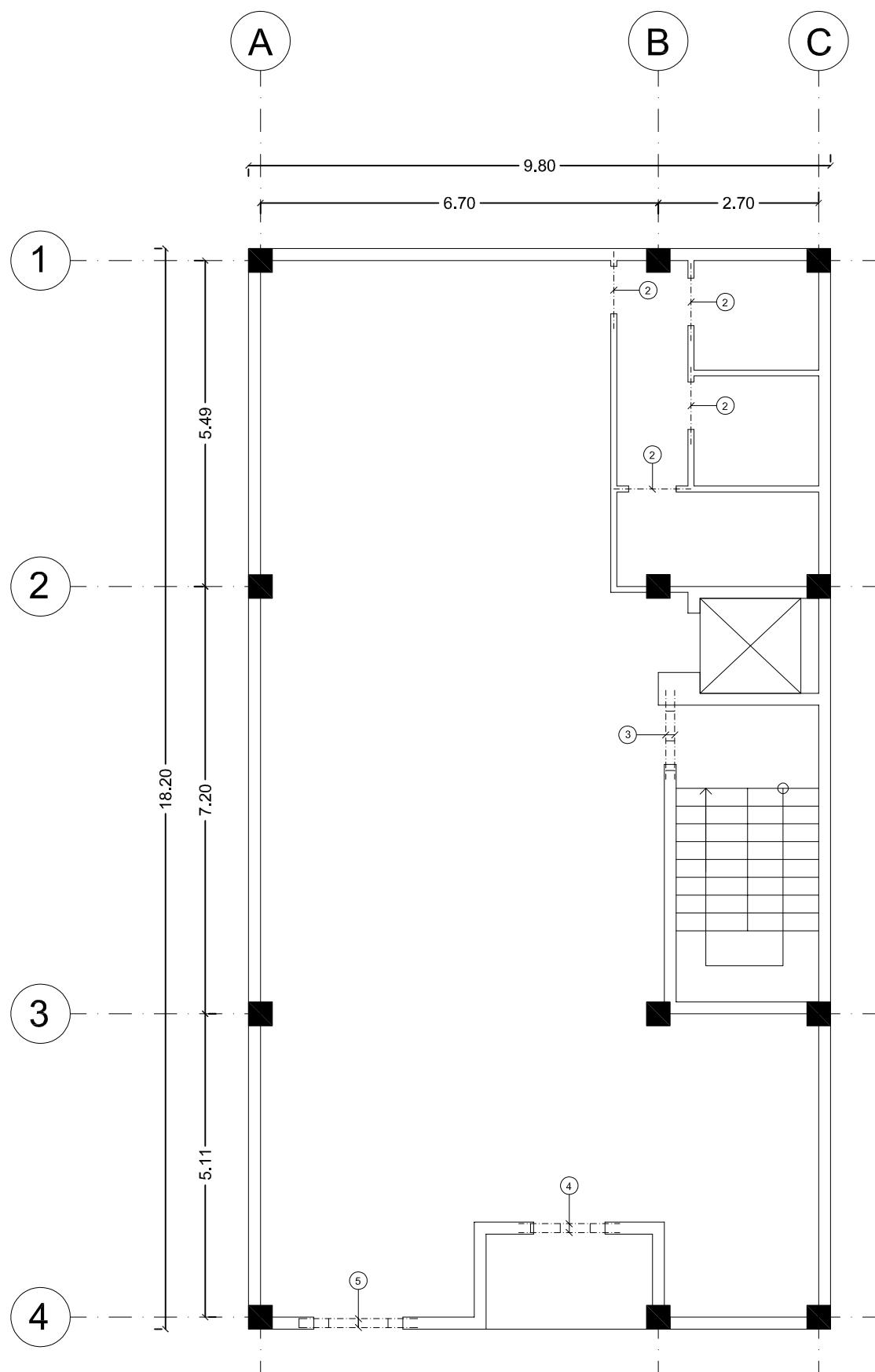
## **doors and windows types**

|           |              |
|-----------|--------------|
| <b>W1</b> | <b>1.50m</b> |
| <b>D1</b> | <b>0.70m</b> |
| <b>D2</b> | <b>0.80m</b> |
| <b>D3</b> | <b>1.00m</b> |
| <b>D4</b> | <b>1.20m</b> |



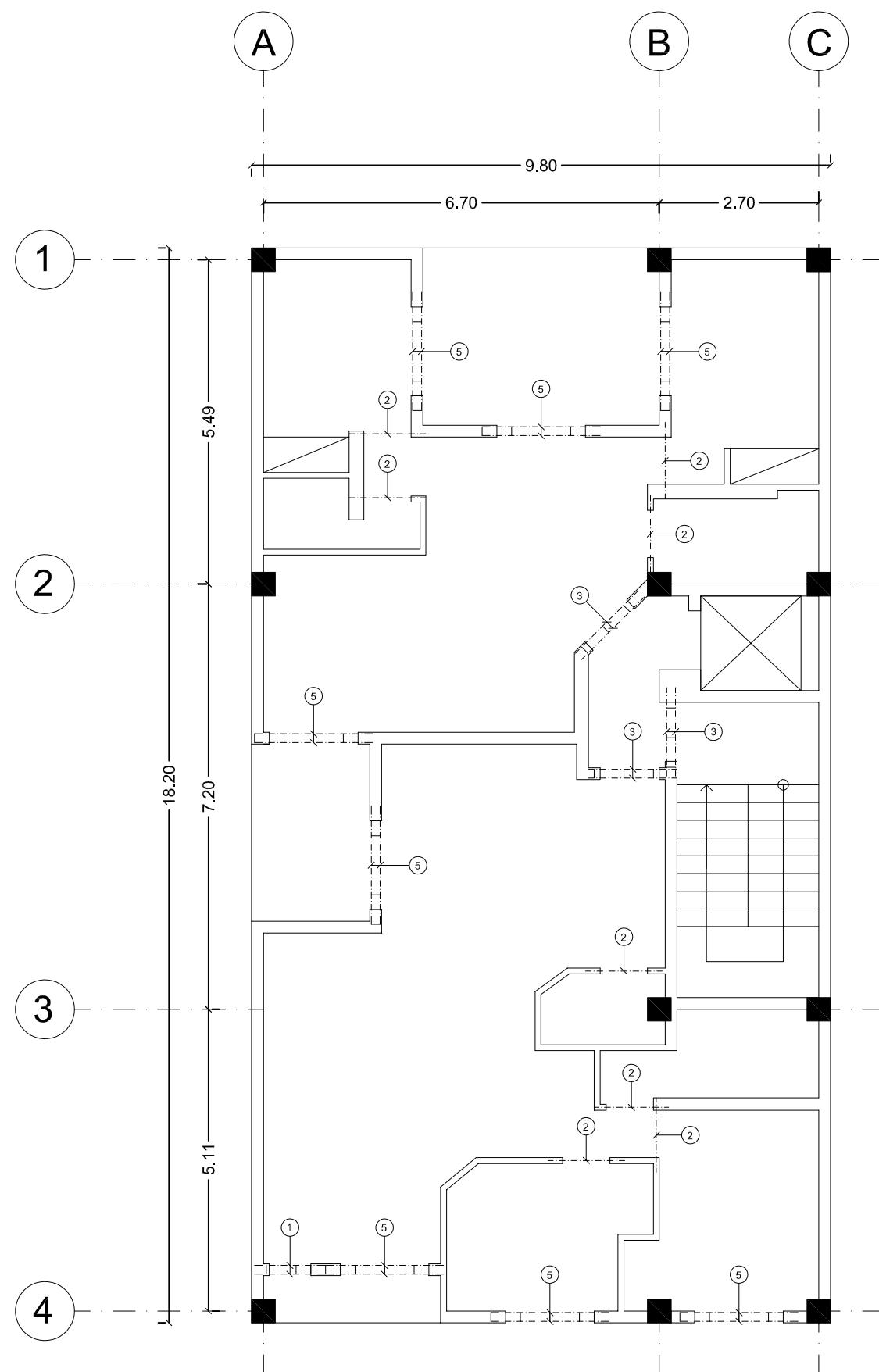
Underground Floor Lintel Plan

SC: 1/100



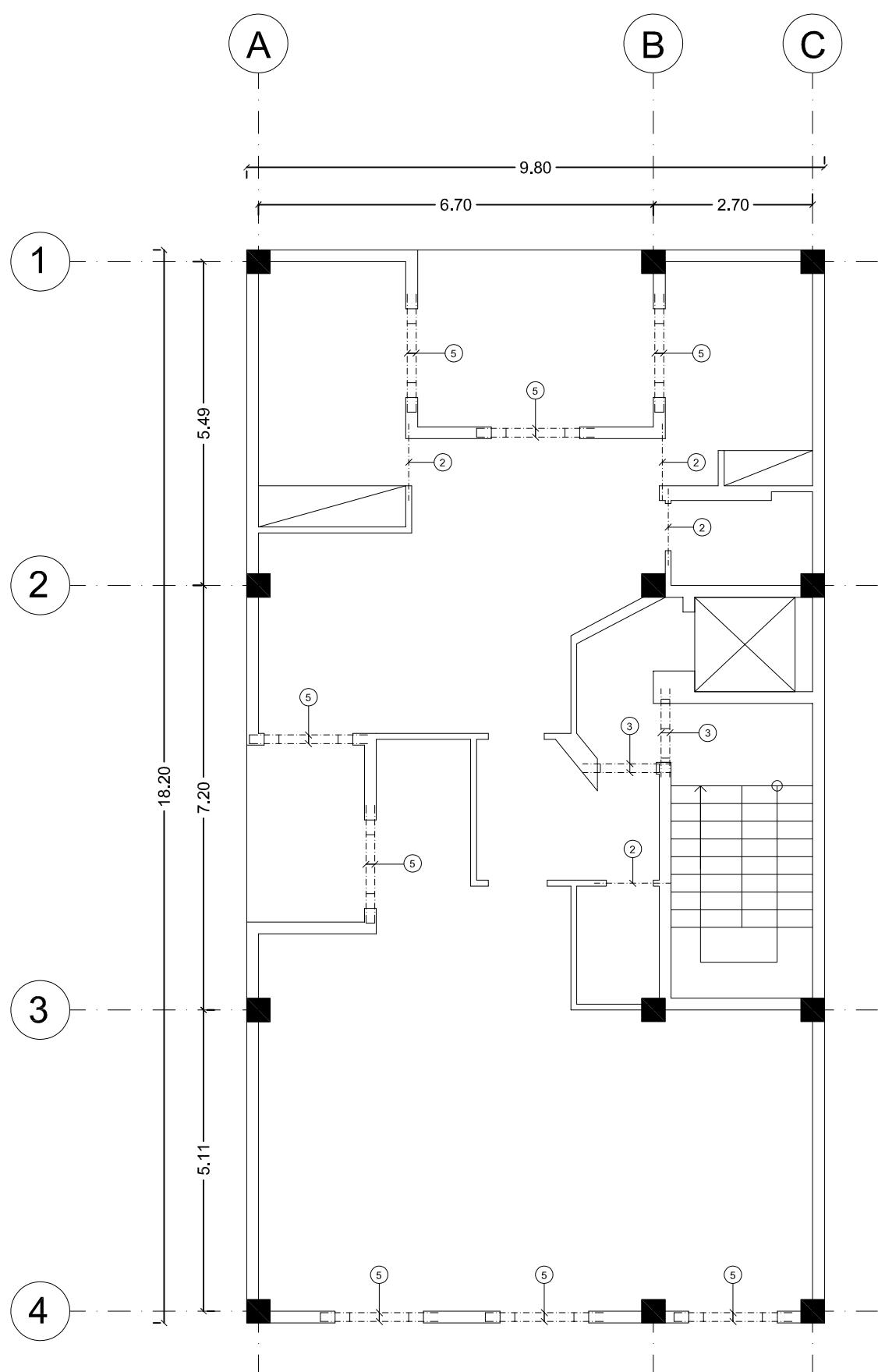
Ground Floor Lintel Plan

SC: 1/100



First Floor Lintel Plan

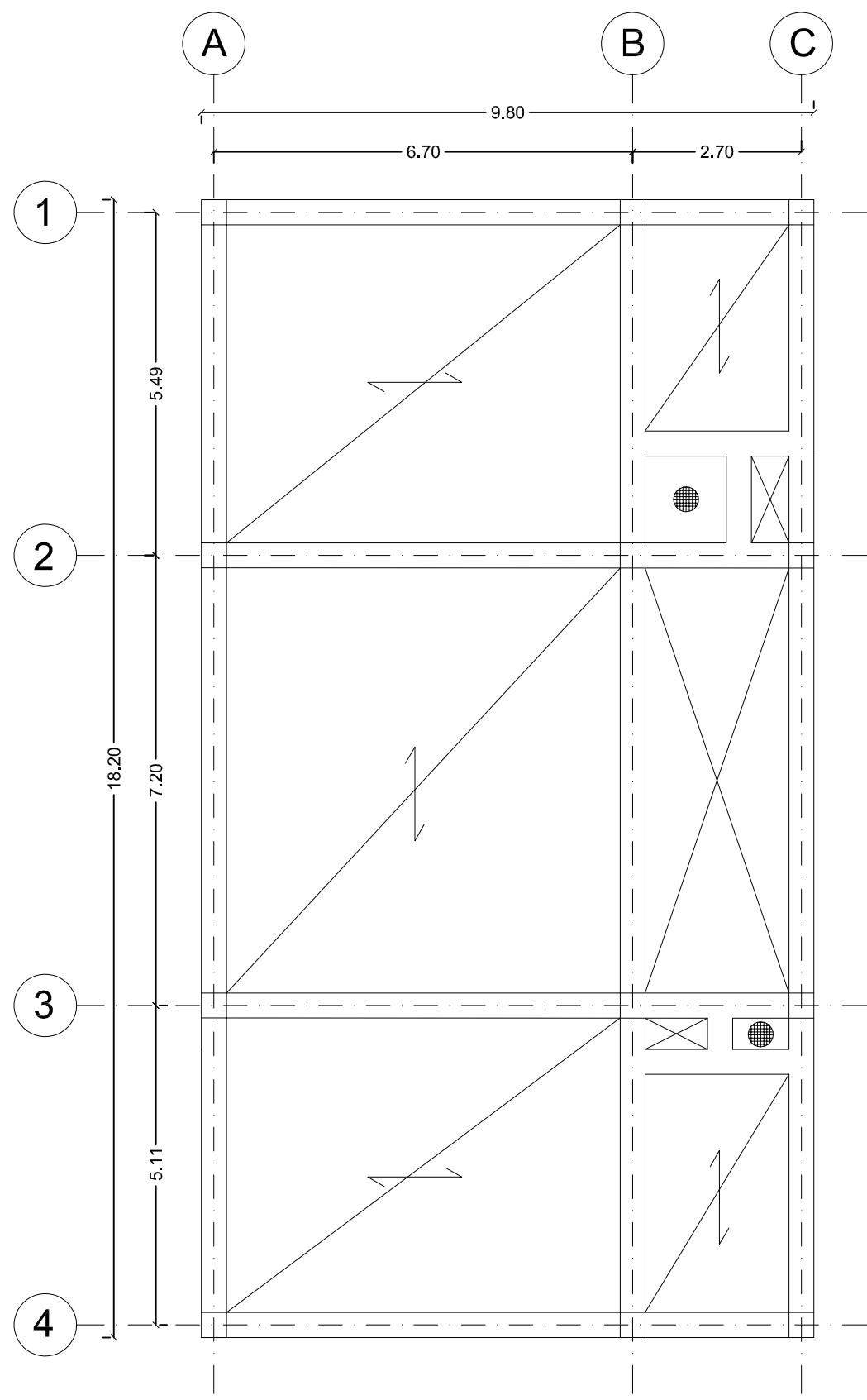
SC: 1/100



**Second Floor Lintel Plan**

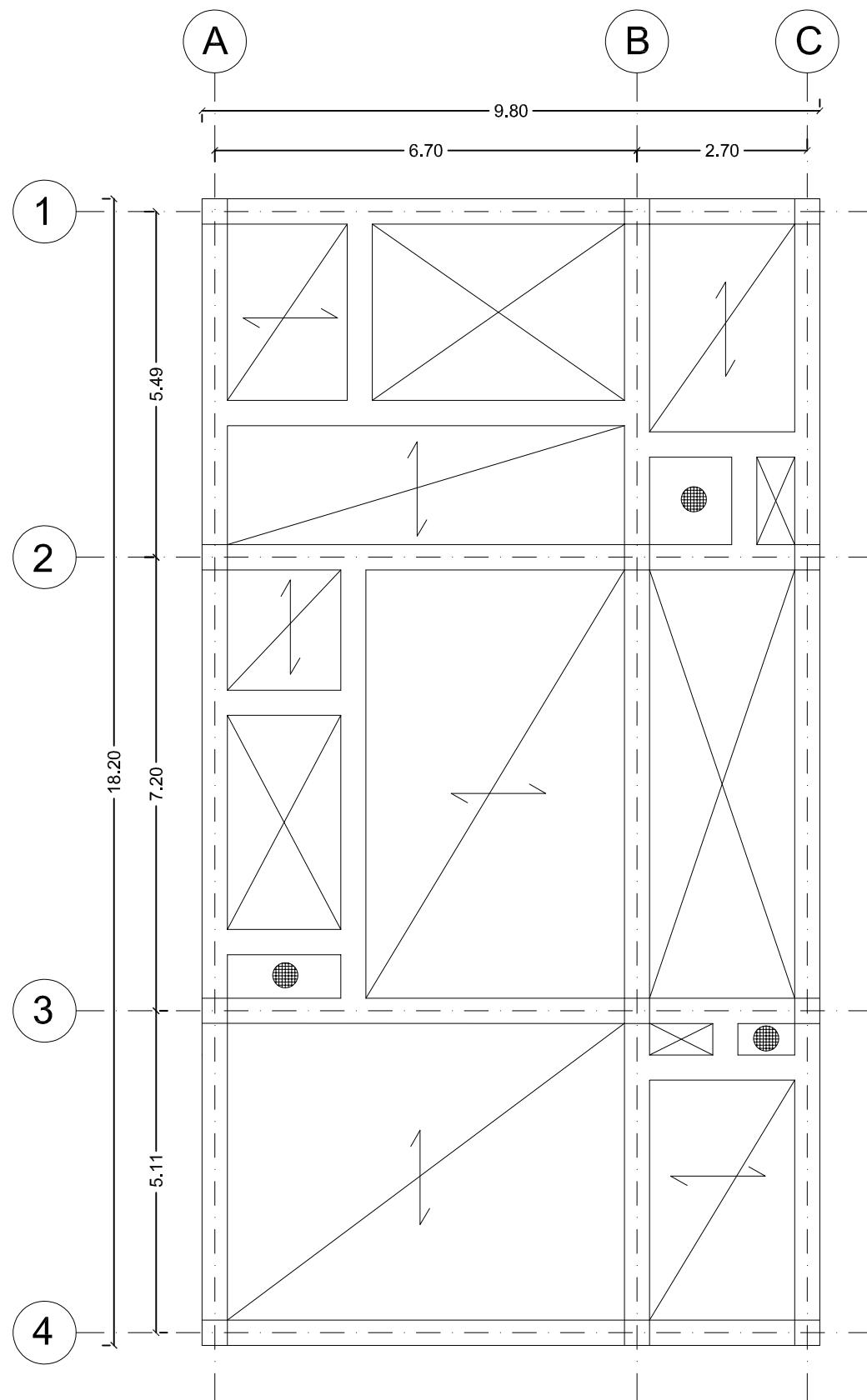
SC: 1/100

| lintel types |       |
|--------------|-------|
| 1            | 1.20m |
| 2            | 1.30m |
| 3            | 1.50m |
| 4            | 1.70m |
| 5            | 2.00m |
| 6            | 3.65m |



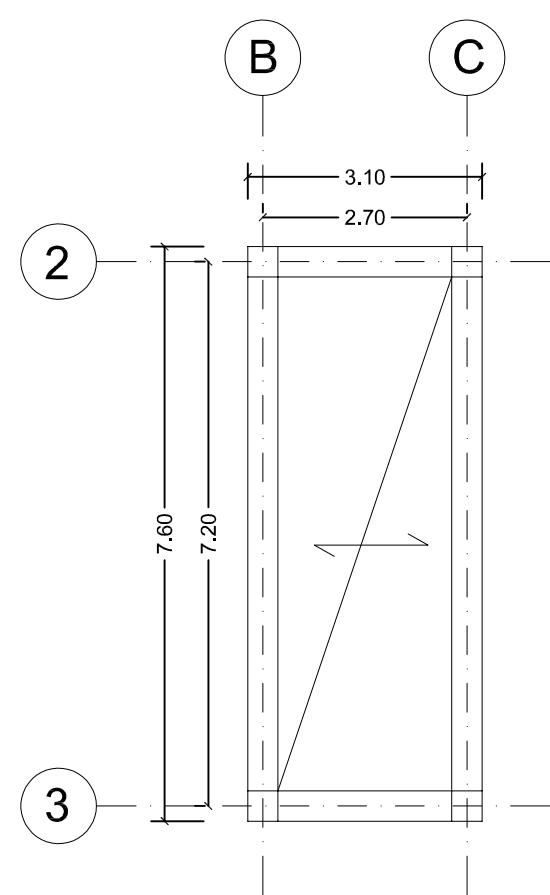
**Underground & Ground Floor Framing Plan**

SC: 1/100



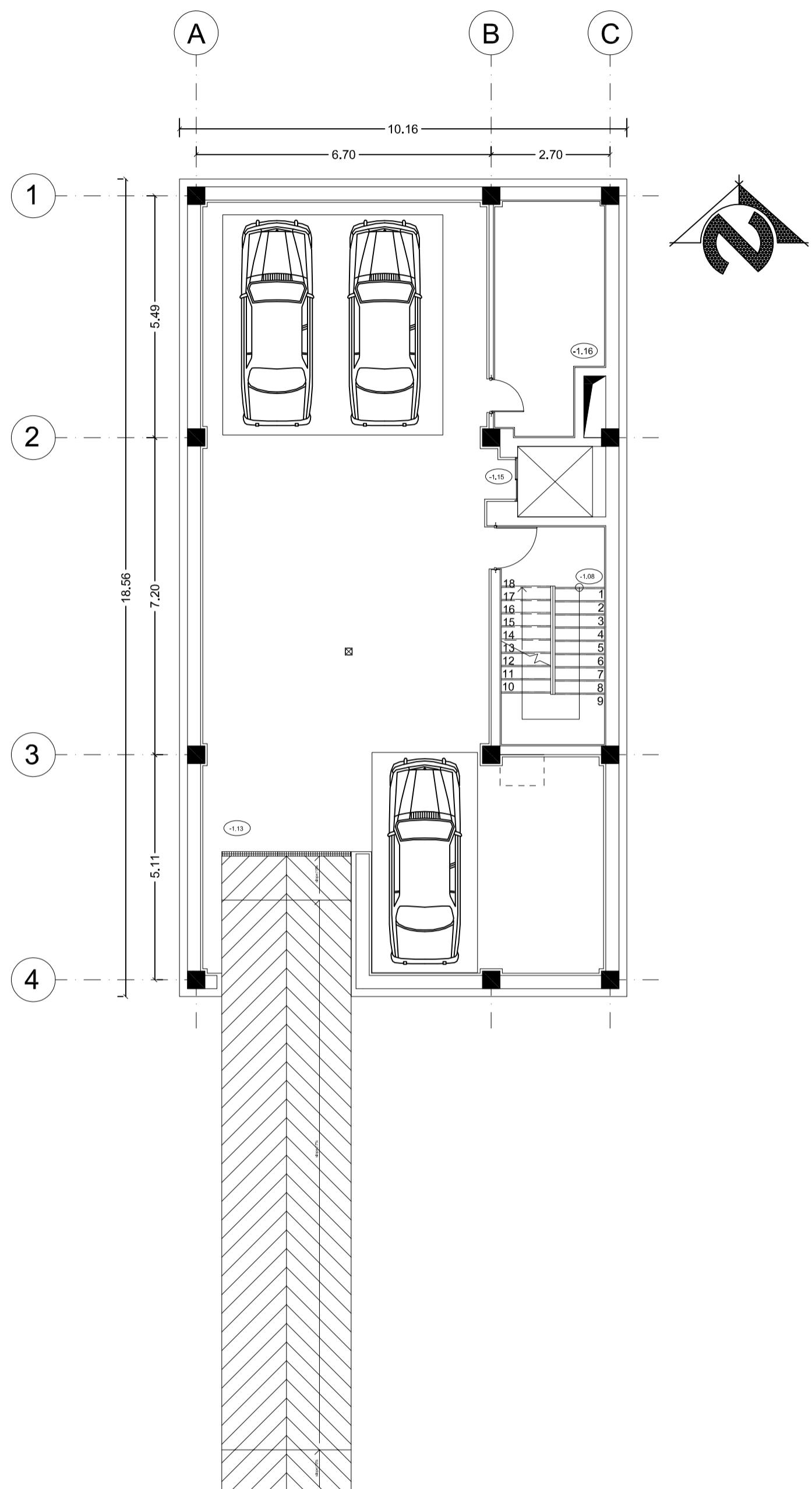
**First & Second Floor Framing Plan**

SC: 1/100



Ridge Framing Plan

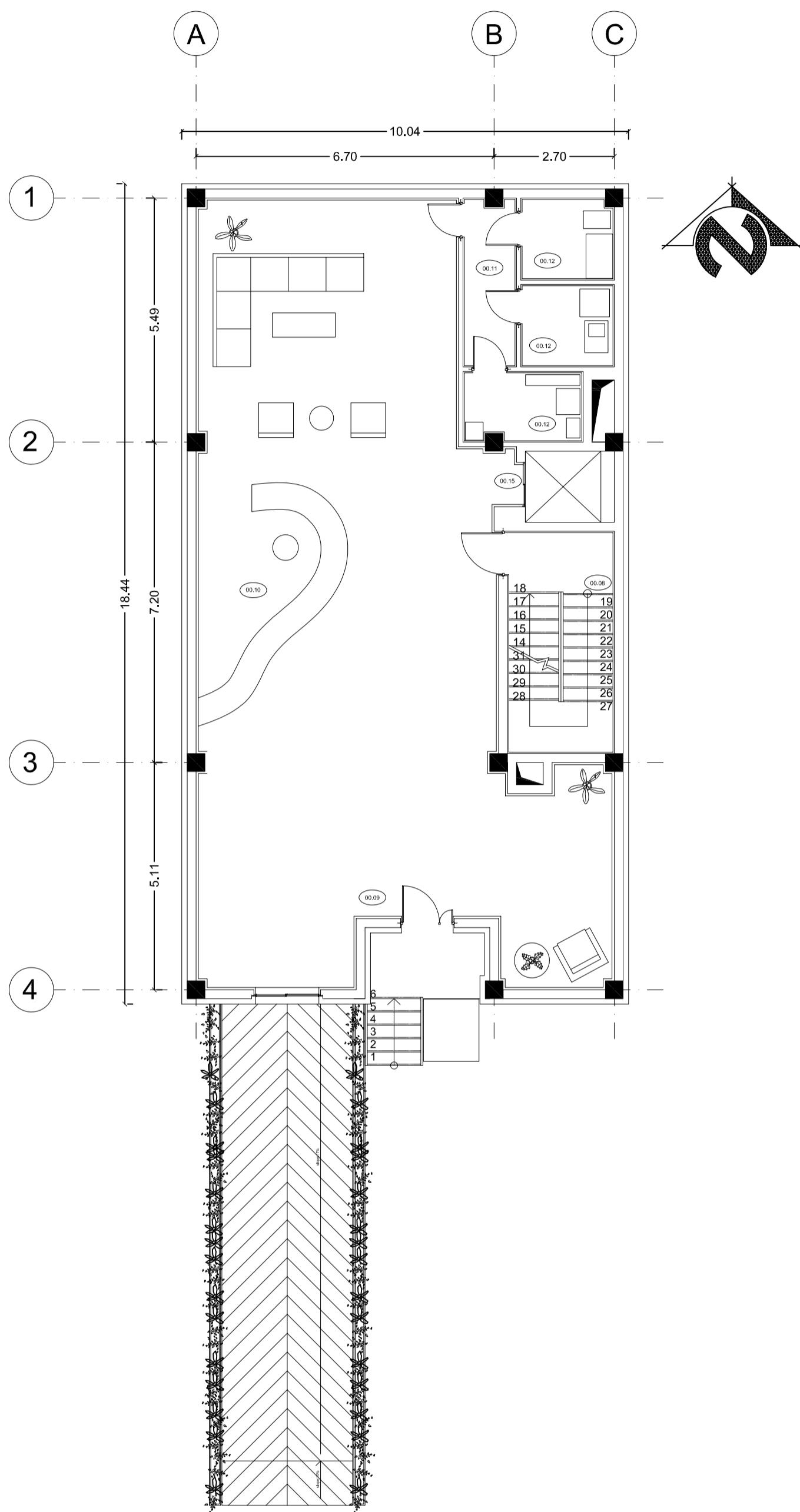
SC: 1/100



| space name    | number |
|---------------|--------|
| kitchen       | 01     |
| bedroom       | 02     |
| living room   | 03     |
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| restroom      | 05     |
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| patio         | 07     |
| stairway      | 08     |
| lobby         | 09     |
| watch         | 10     |
| gallery       | 11     |
| store room    | 12     |
| parking       | 13     |
| hall          | 14     |
| elevator      | 15     |
| facility room | 16     |

Underground Floor Furniture Plan

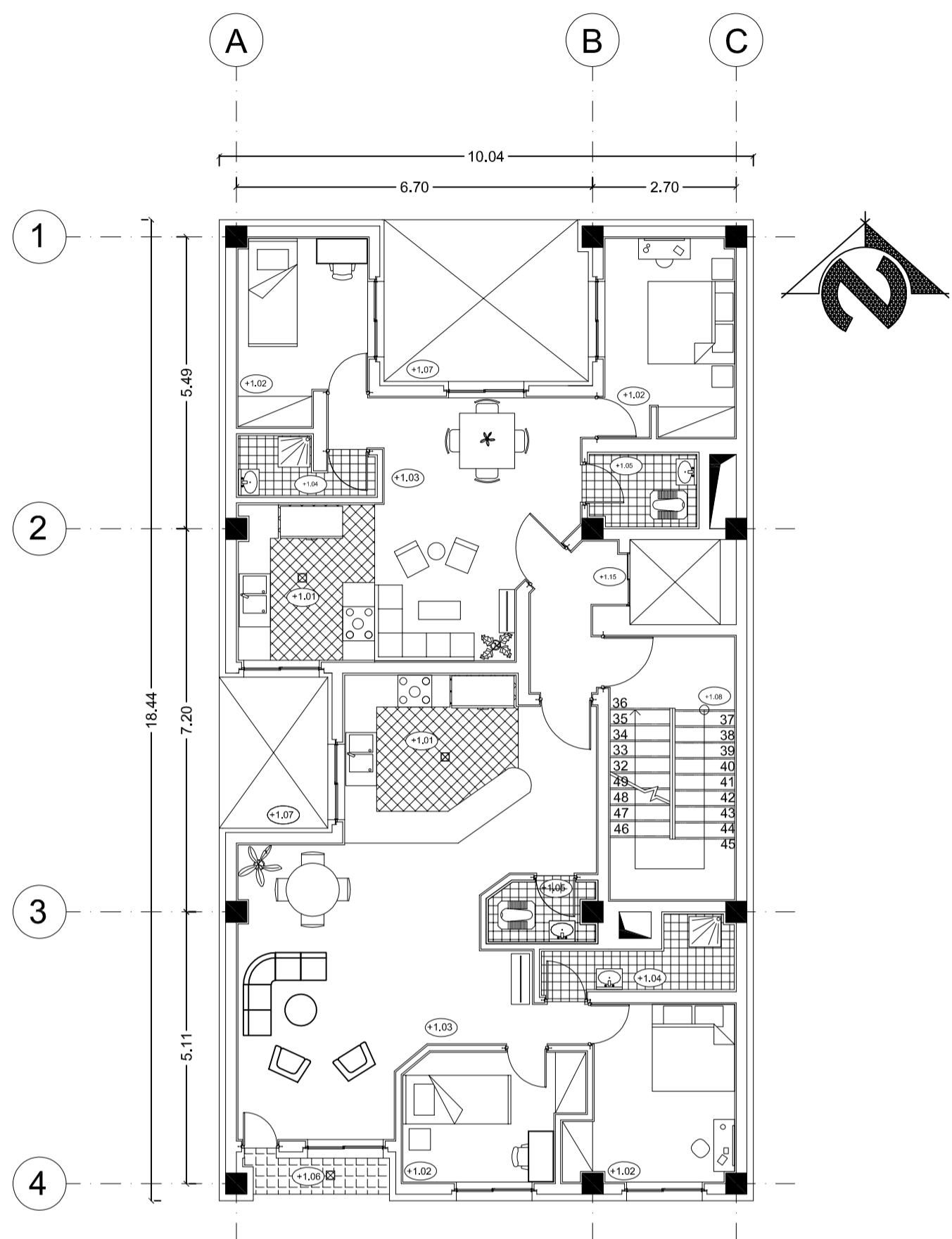
SC: 1/100



| space name    | number |
|---------------|--------|
| kitchen       | 01     |
| bedroom       | 02     |
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| restroom      | 05     |
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| stairway      | 08     |
| lobby         | 09     |
| watch         | 10     |
| gallery       | 11     |
| store room    | 12     |
| parking       | 13     |
| hall          | 14     |
| elevator      | 15     |
| facility room | 16     |

Ground Floor Furniture Plan

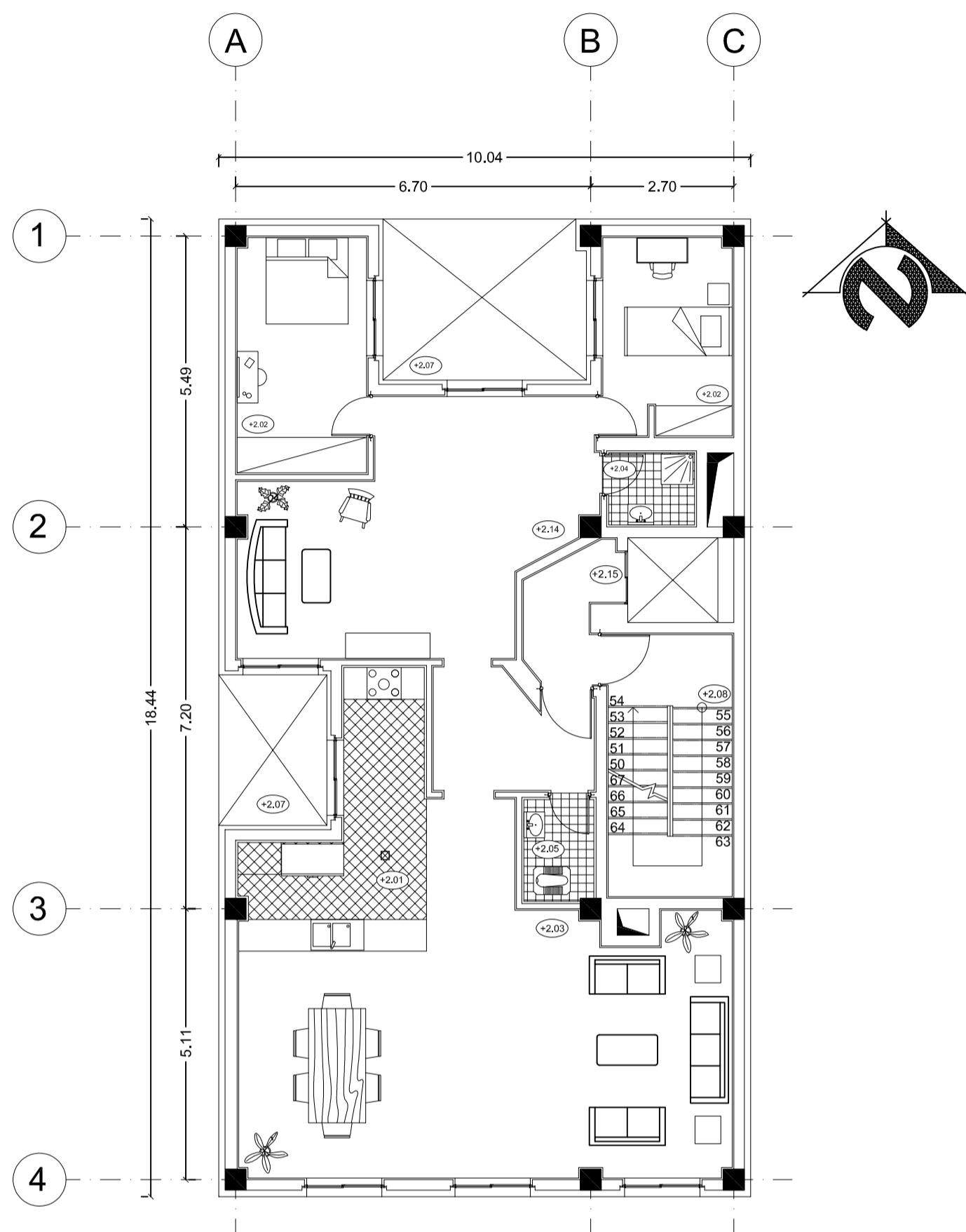
SC: 1/100



| space name    | number |
|---------------|--------|
| kitchen       | 01     |
| bedroom       | 02     |
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| restroom      | 05     |
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| stairway      | 08     |
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| store room    | 12     |
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| hall          | 14     |
| elevator      | 15     |
| facility room | 16     |

First Floor Furniture Plan

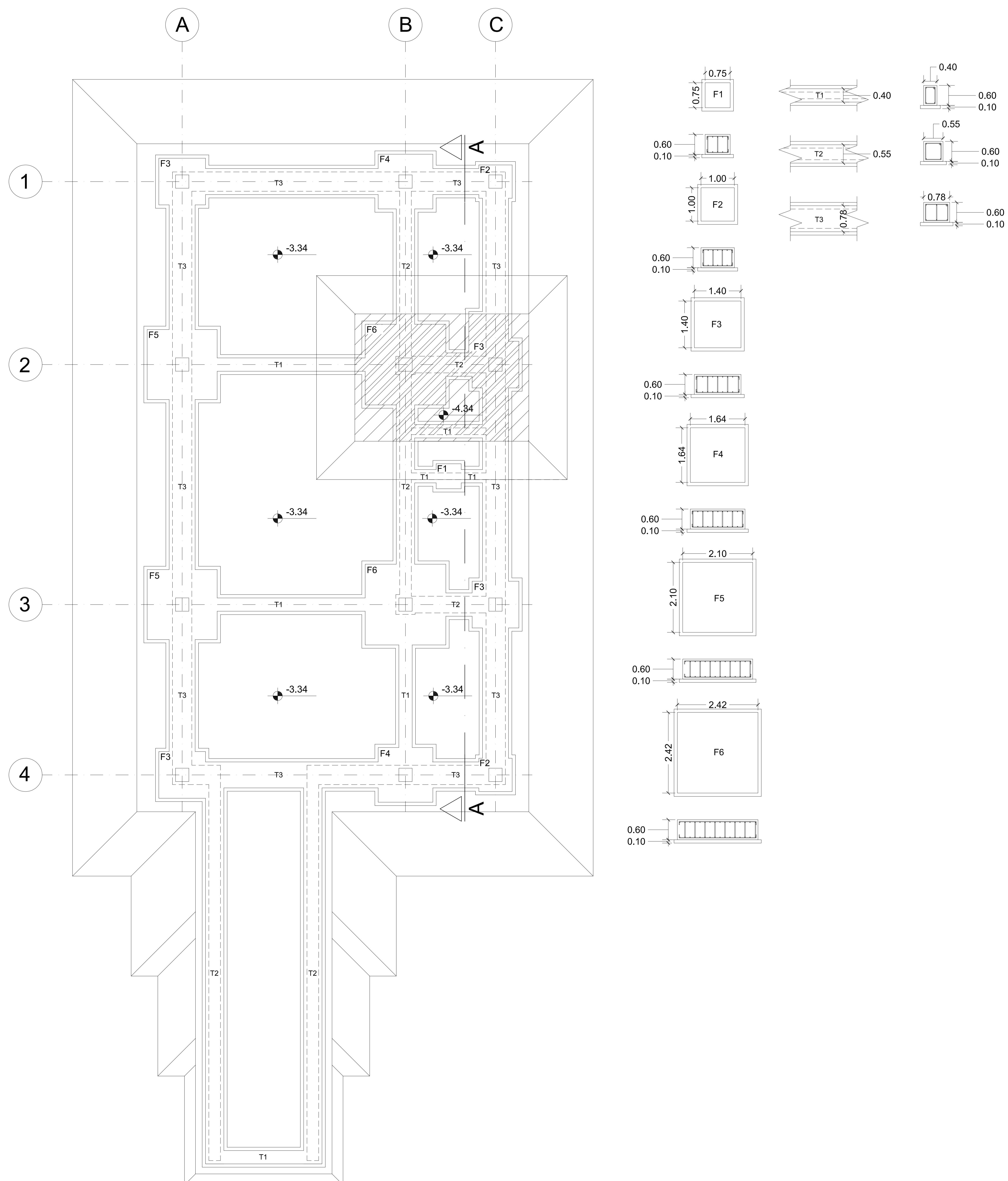
SC: 1/100



| space name    | number |
|---------------|--------|
| kitchen       | 01     |
| bedroom       | 02     |
| living room   | 03     |
| bathroom      | 04     |
| restroom      | 05     |
| trace         | 06     |
| patio         | 07     |
| stairway      | 08     |
| lobby         | 09     |
| watch         | 10     |
| gallery       | 11     |
| store room    | 12     |
| parking       | 13     |
| hall          | 14     |
| elevator      | 15     |
| facility room | 16     |

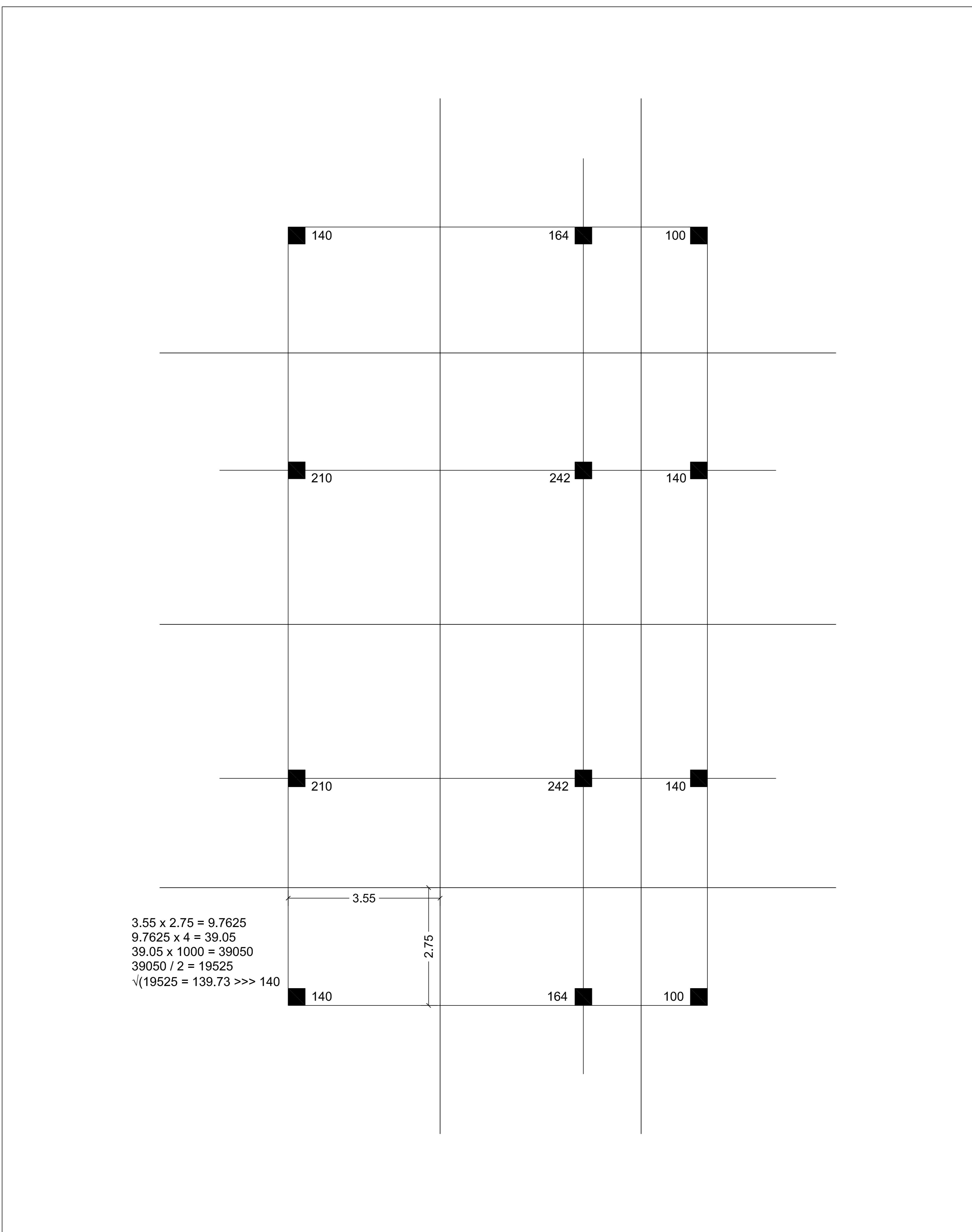
Second Floor Furniture Plan

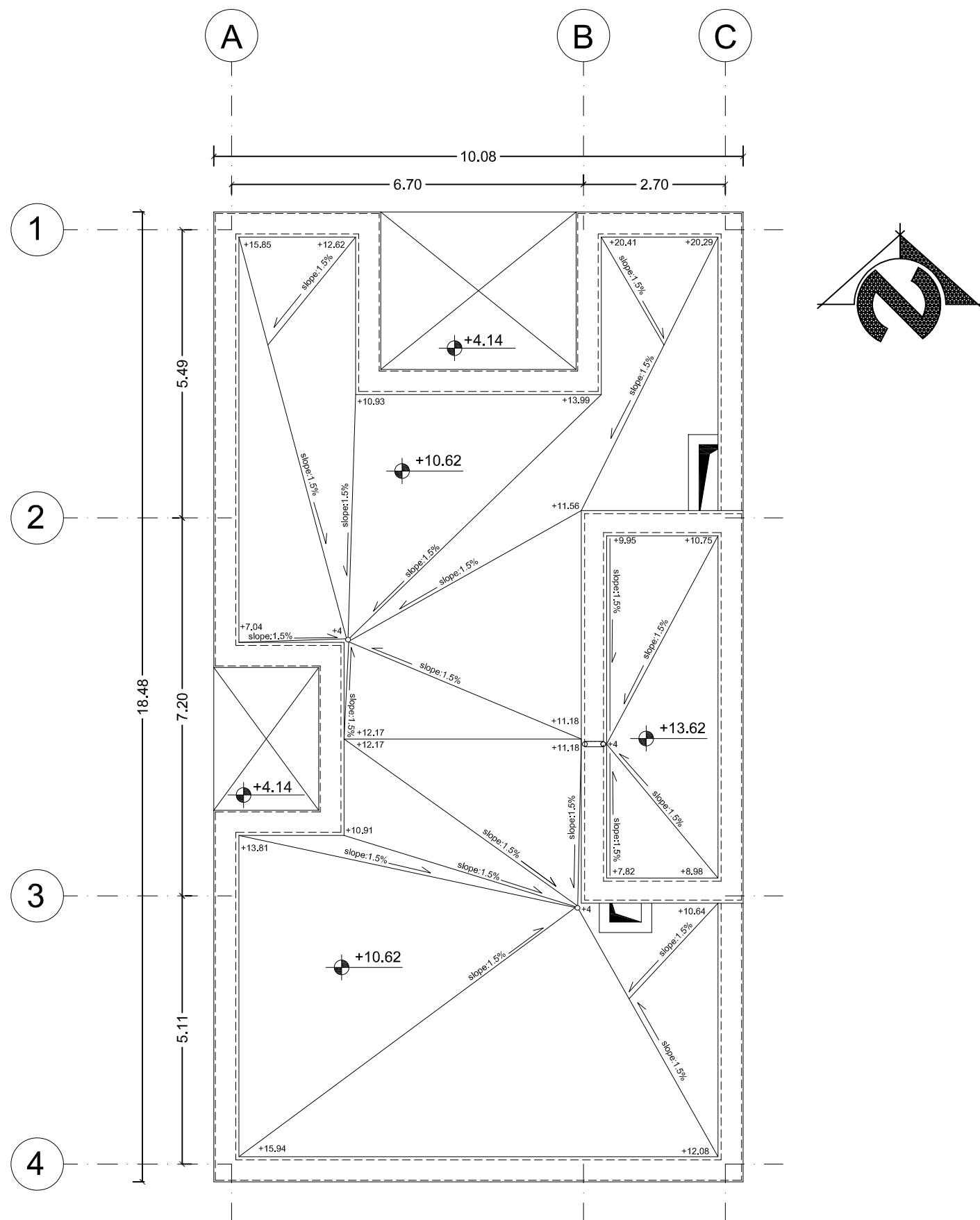
SC: 1/100



# Foundation Plan

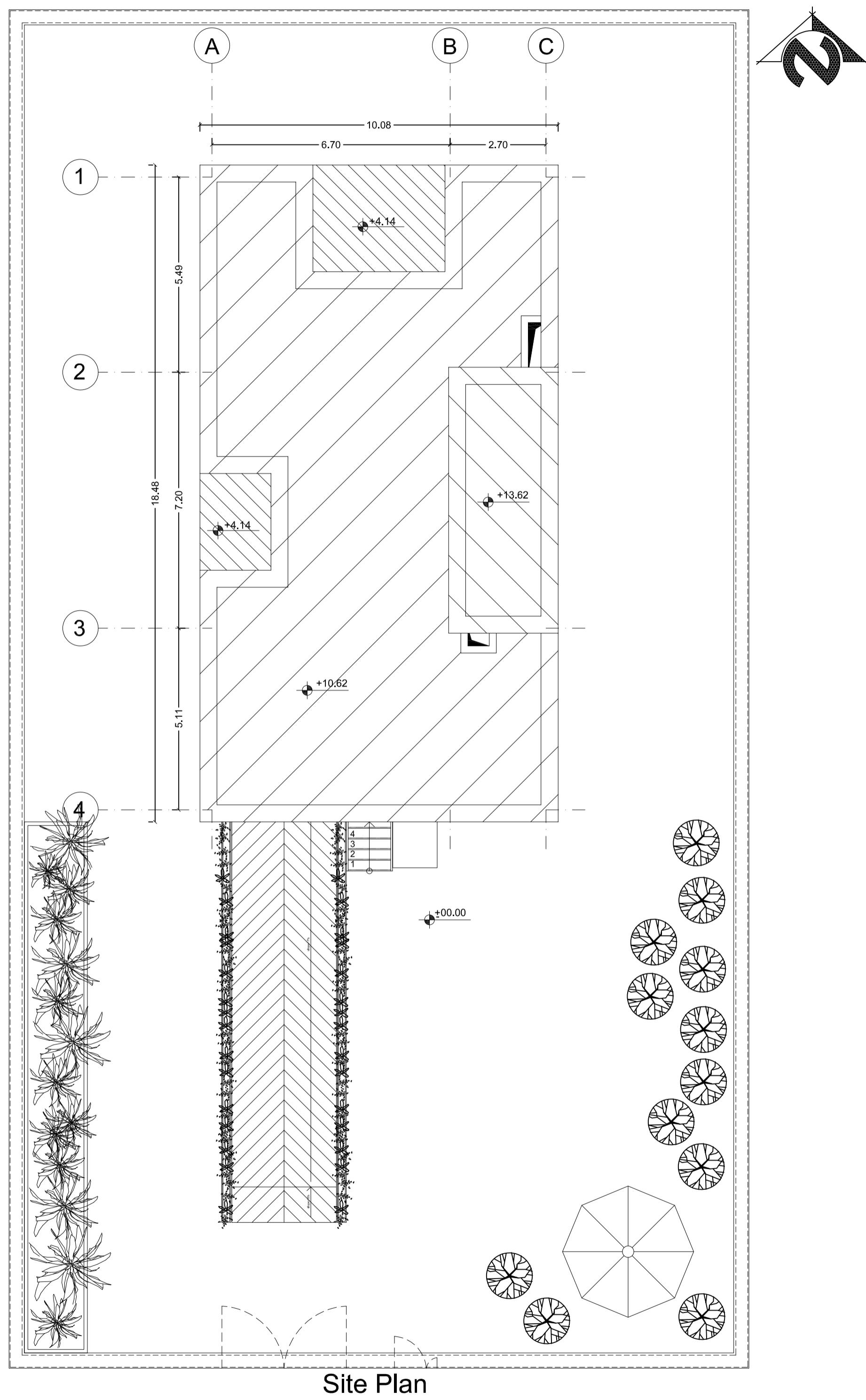
SC: 1/50



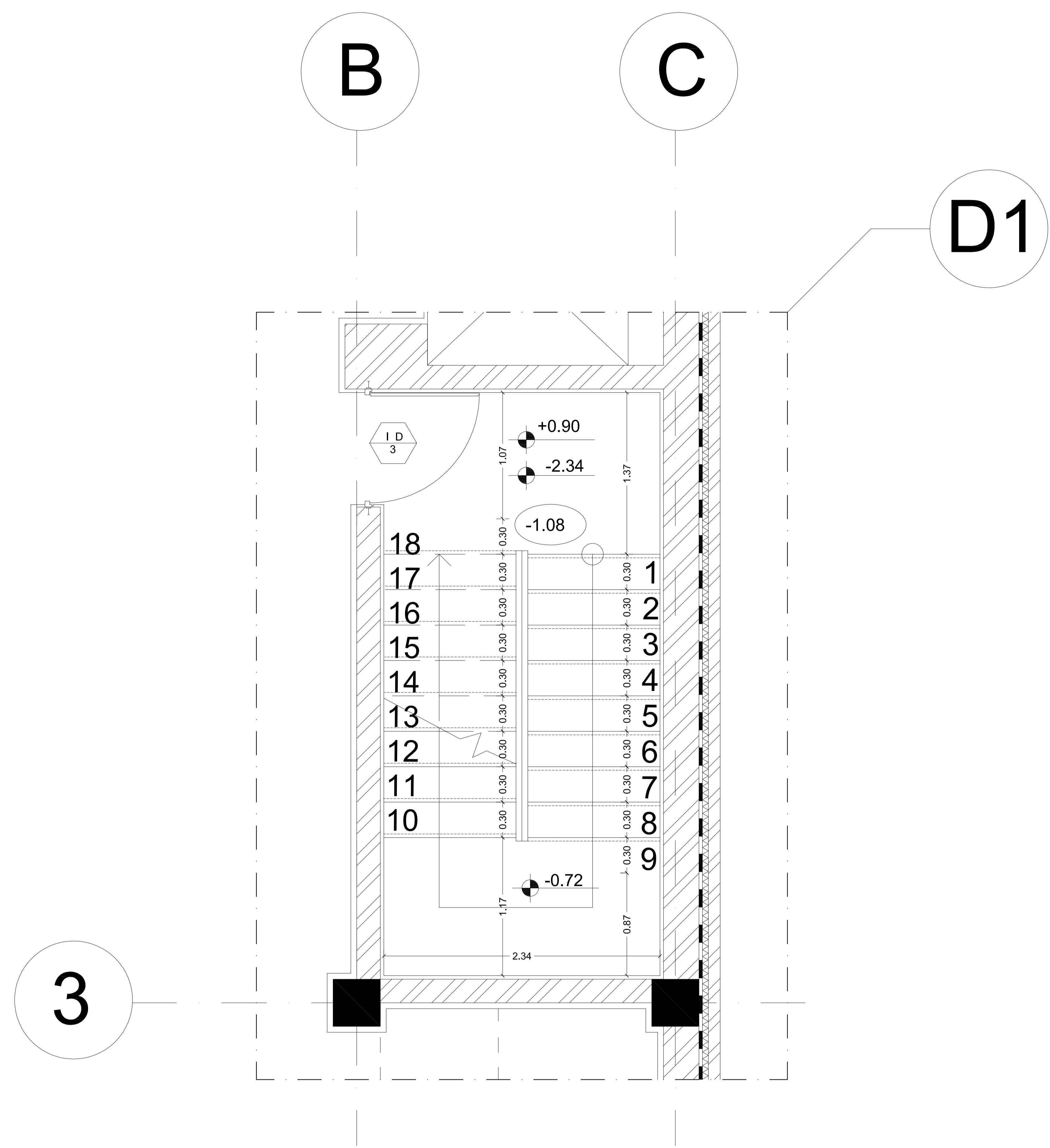


Roof Plan

SC: 1/100

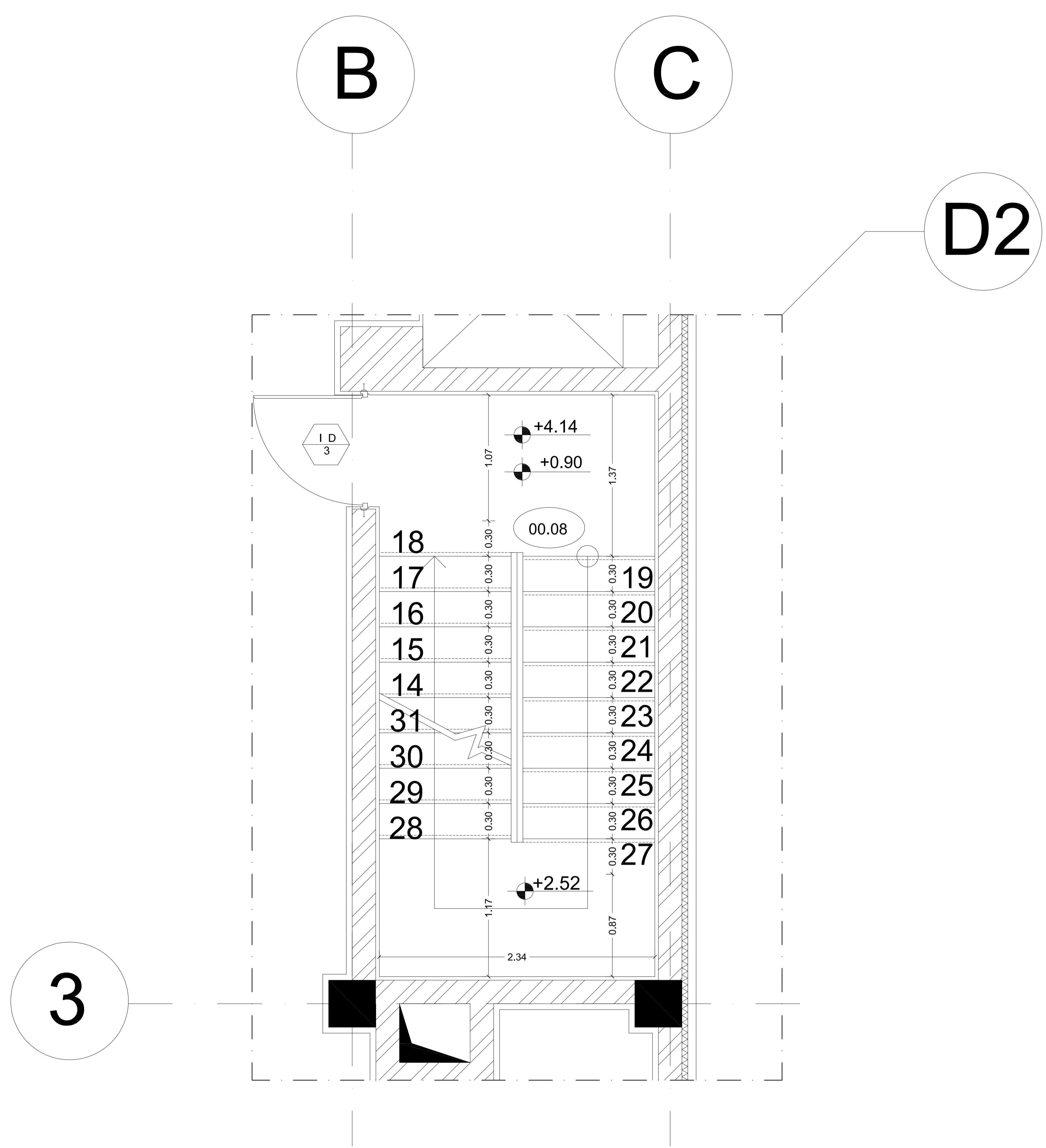


8 meter passage



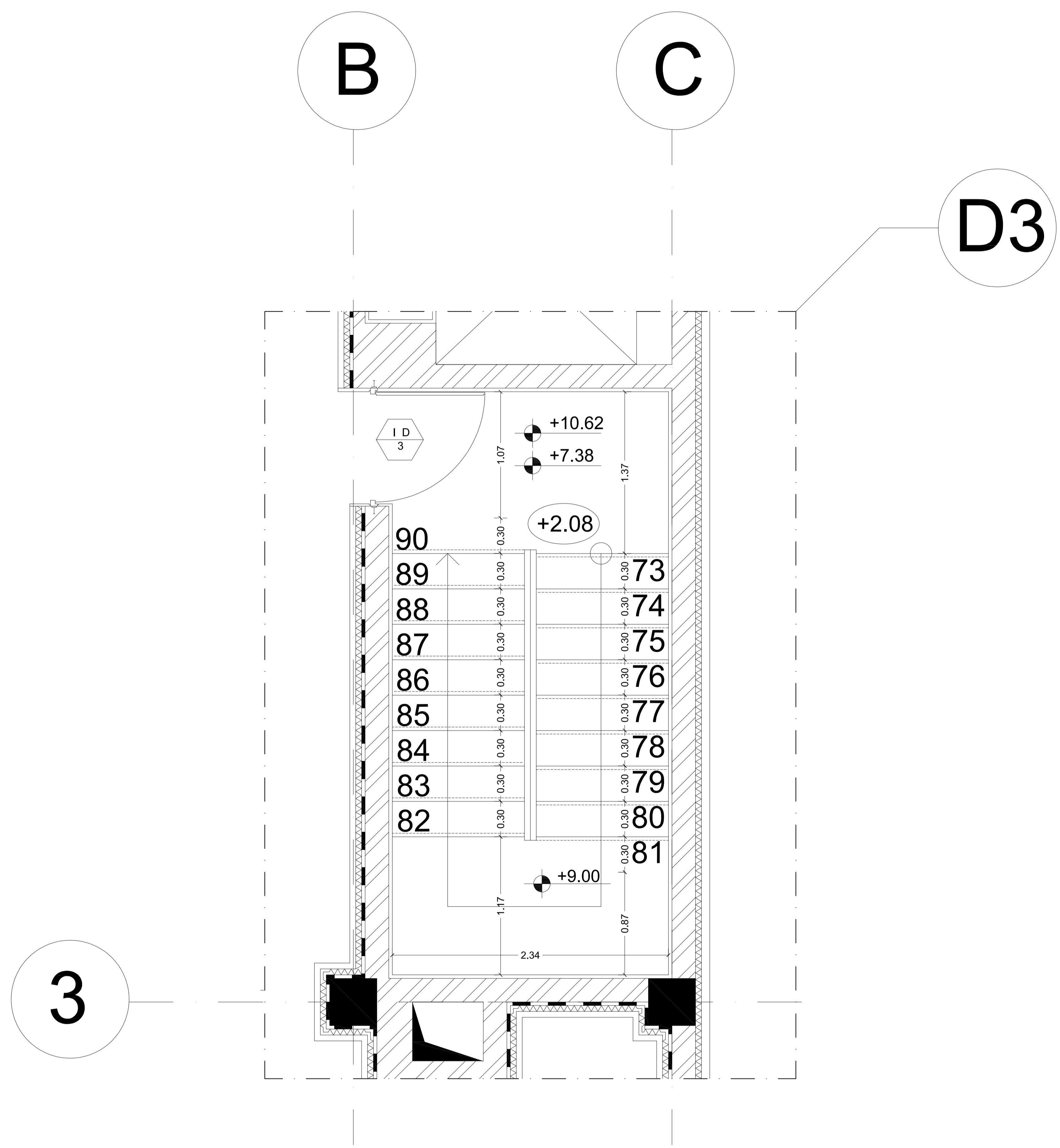
## Underground Stairway Detail

SC: 1/20



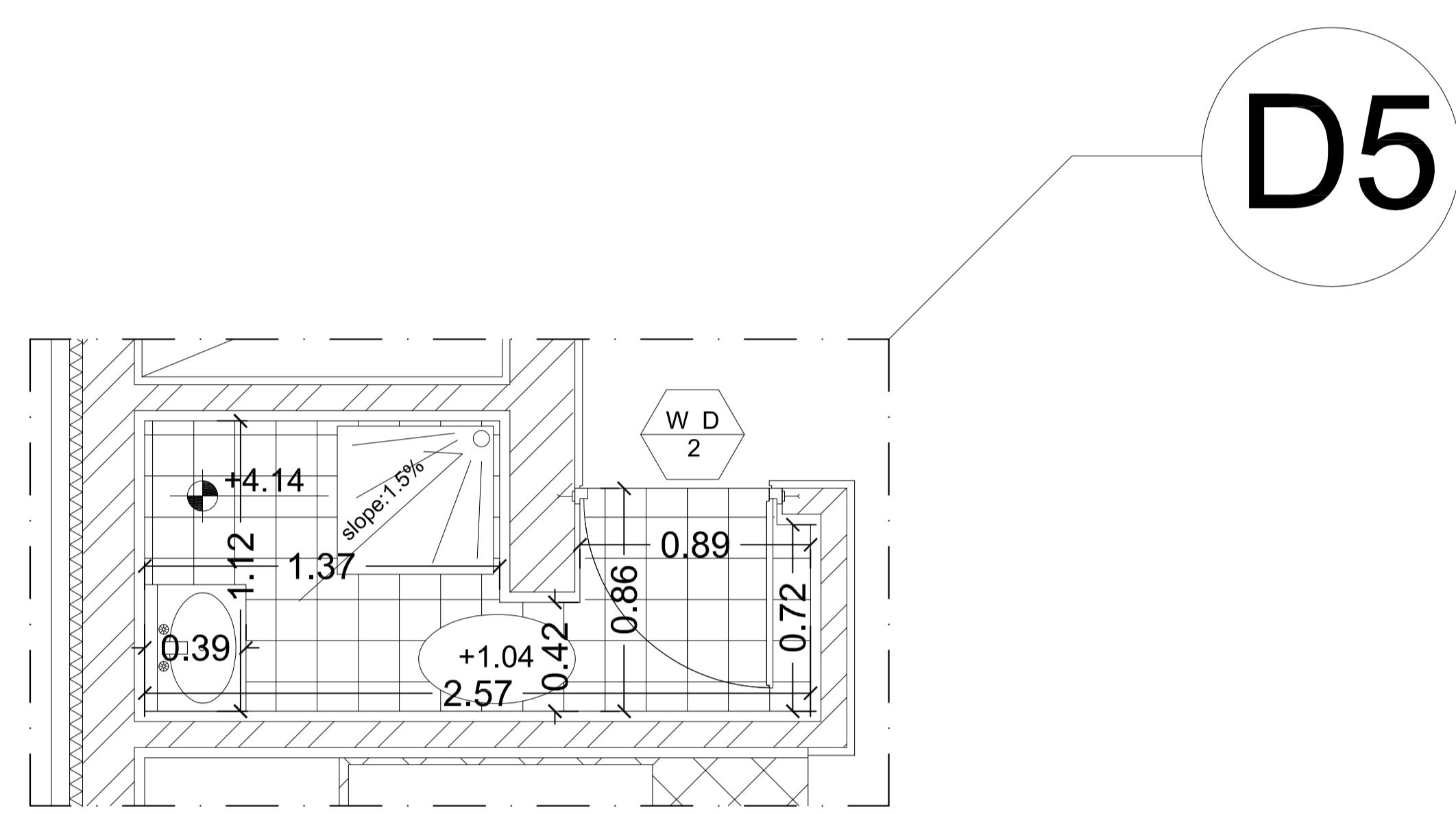
# Floors Stairway Detail

**SC: 1/20**



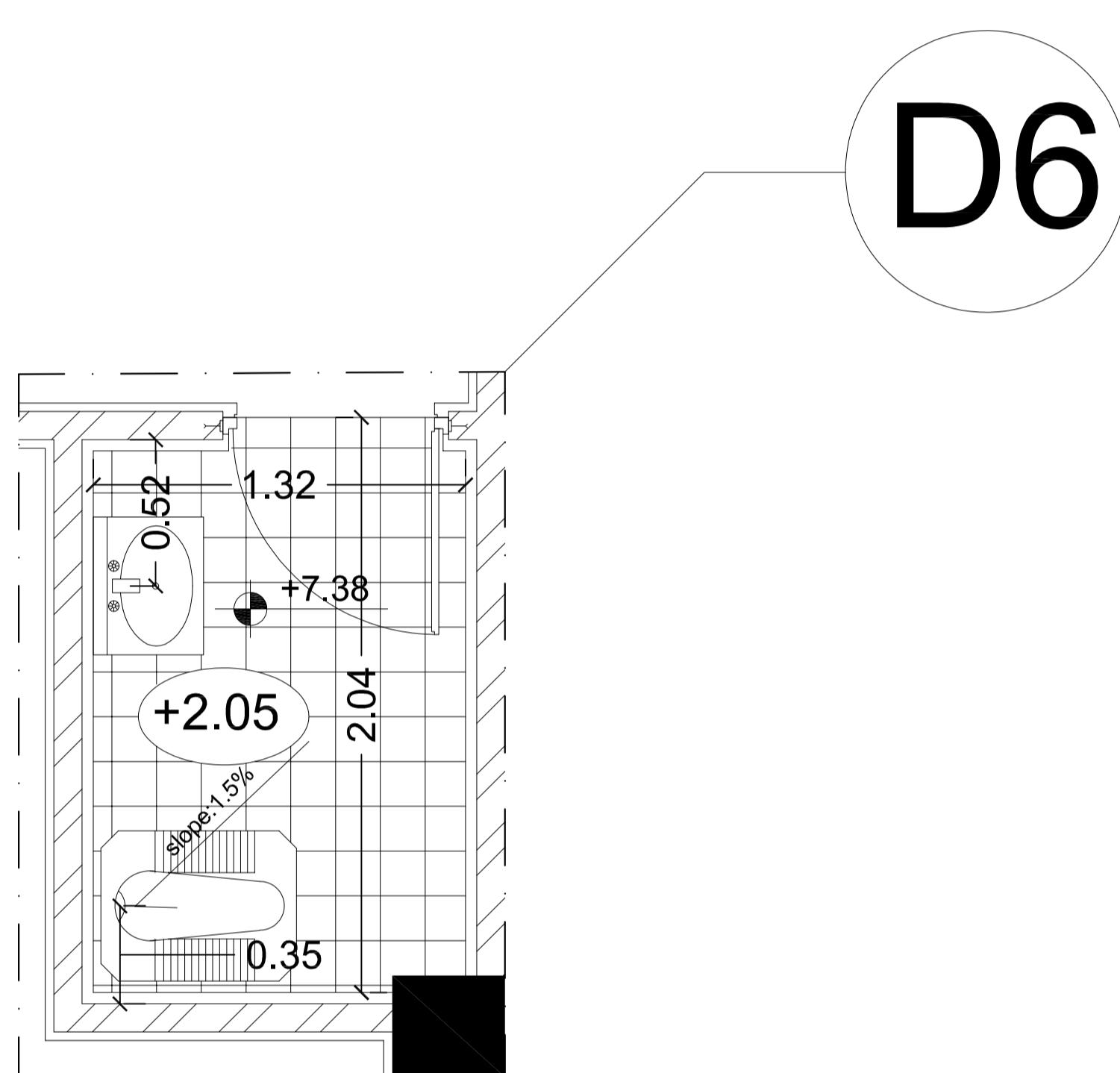
# Ridge Stairway Detail

**SC: 1 / 20**



## Bathroom Detail

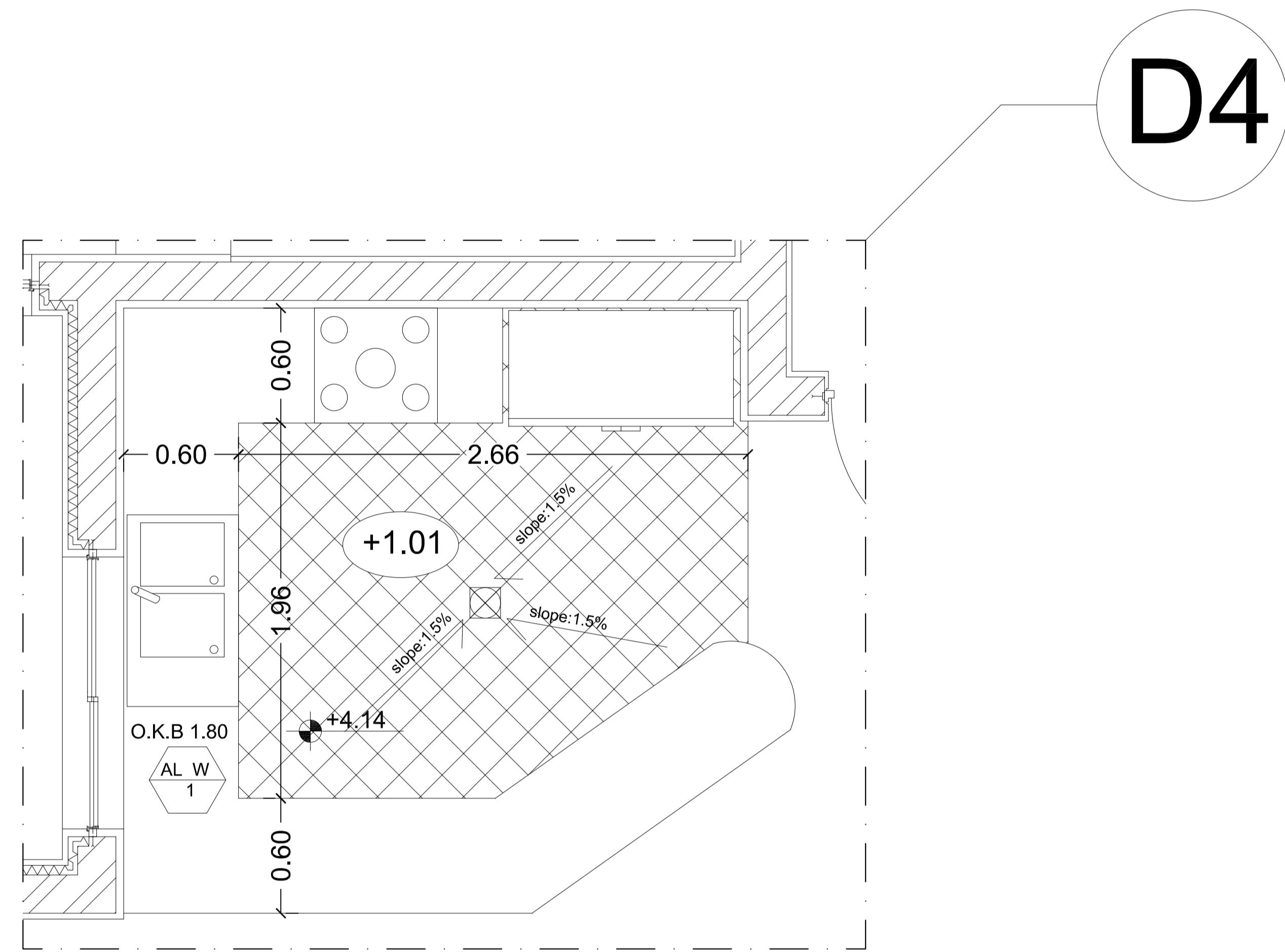
SC: 1/20



## Restroom Detail

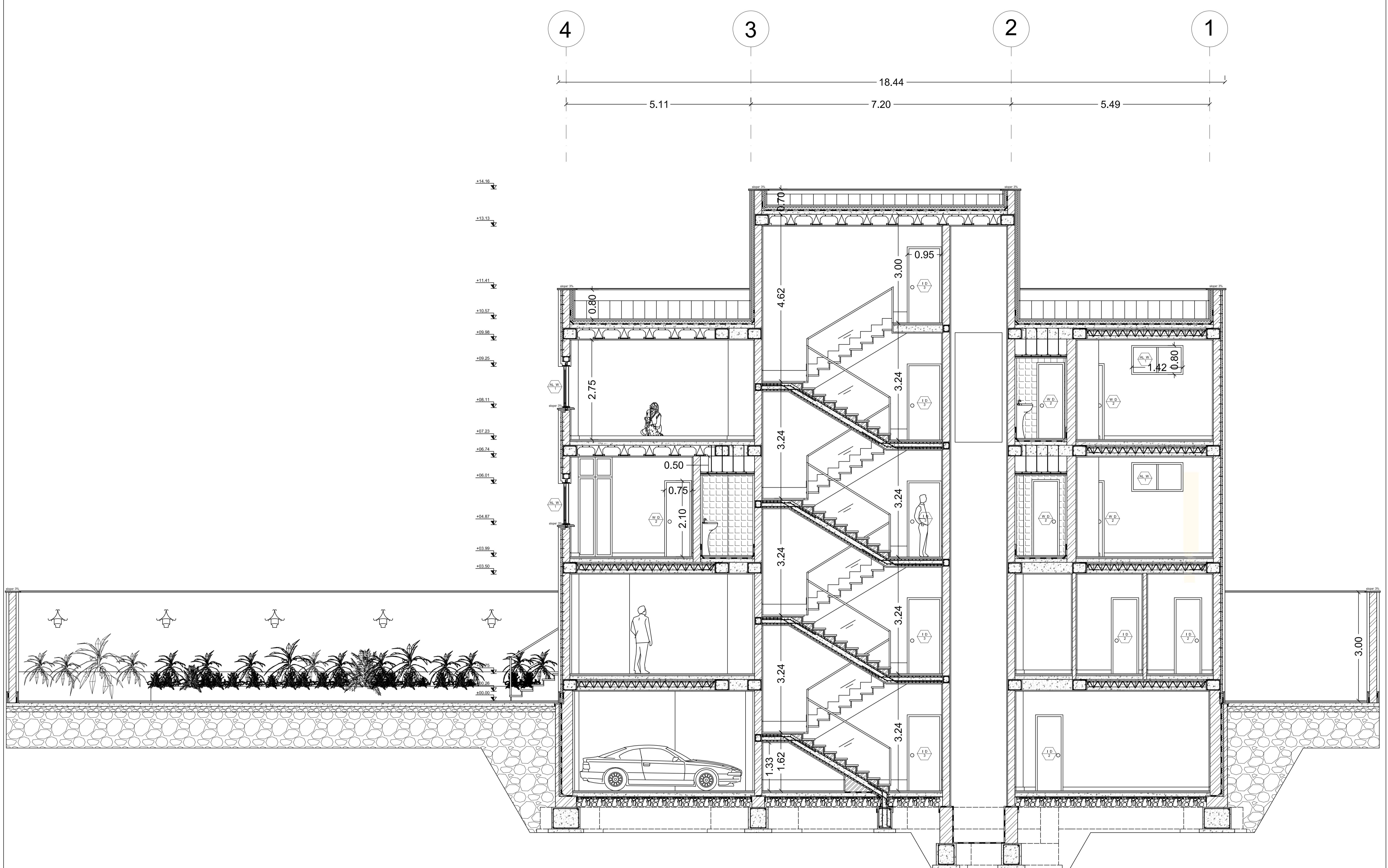
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SC: 1/20



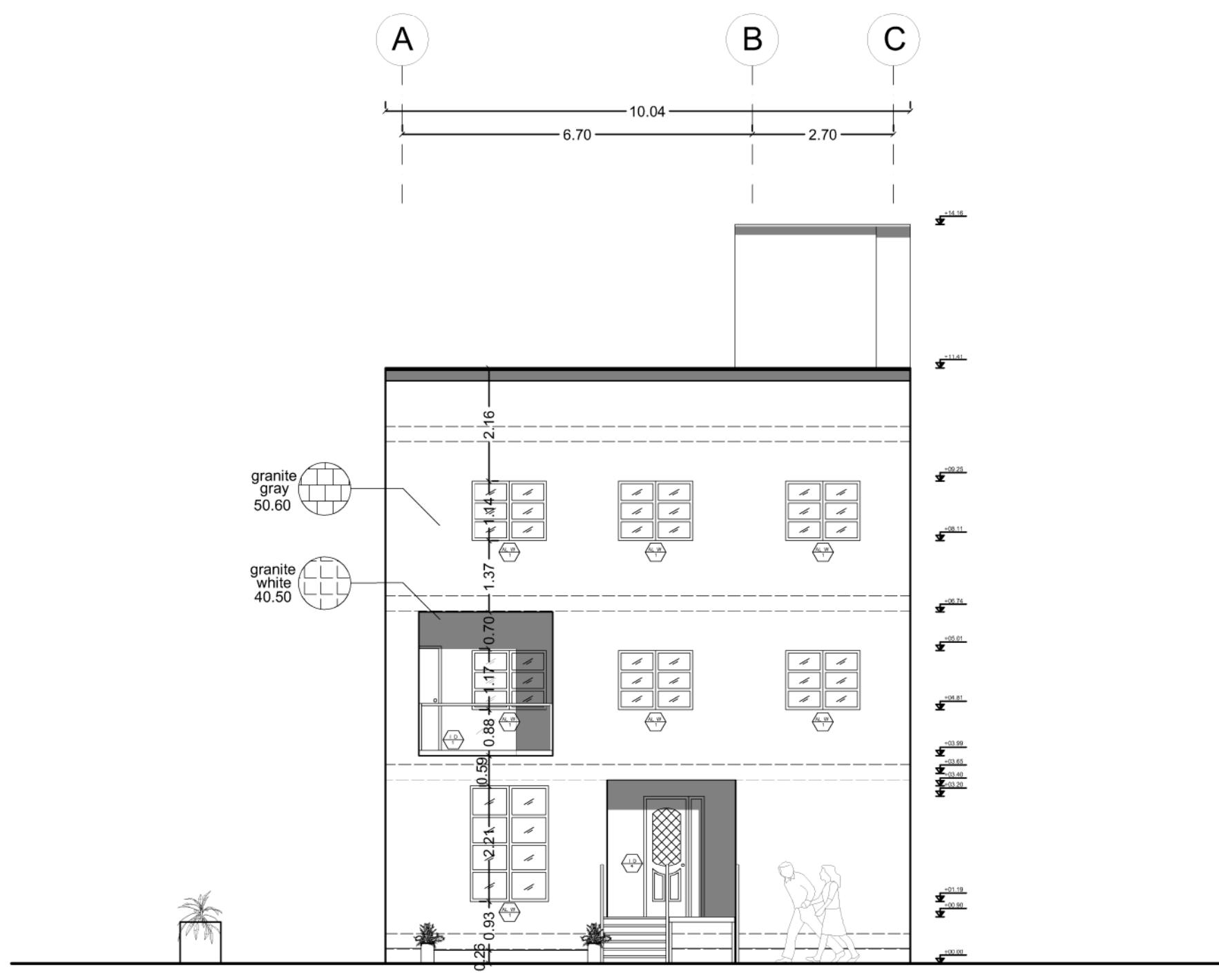
## Kitchen Detail

SC: 1/20



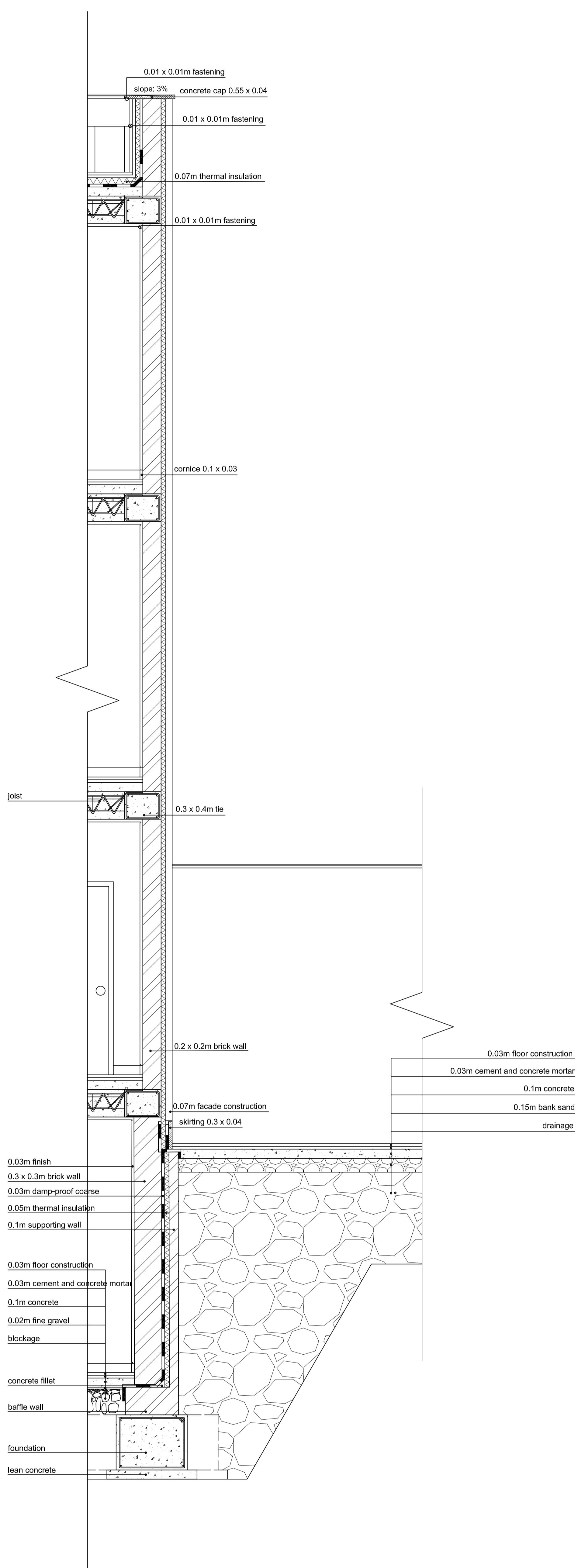
Section A - A

SC: 1/50



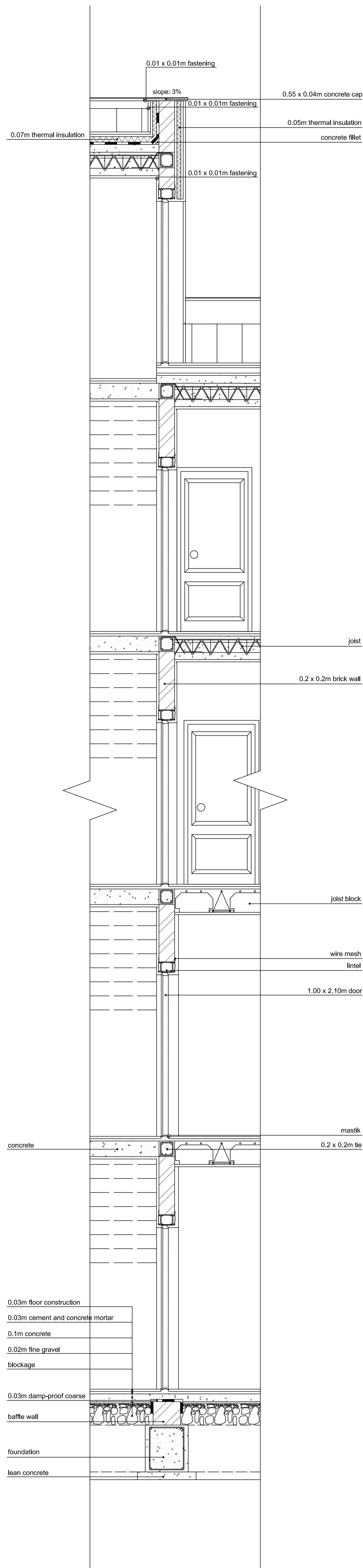
South Elevation

SC: 1/100



## Wall Section 1

SC: 1/20



## Wall Section 2

SC: 1/20