

# MÜHLWEG HOUSING ESTATE

Dietrich | Untertrifaller Architects



# General information



**Client**

Austria Immobilien

A-1210 Vienna, Mühlweg 74

Dietrich | Untertrifaller

Subsidized

Thomas Weber

2004 / 1. prize

2005-2006

6,750 m<sup>2</sup>

Passivhaus standard

70 apartments

2007 Energy Globe Vienna

**Location**

**Architecture**

**Type of housing**

**Project management**

**Competition**

**Construction**

**Area**

**Ecology**

**Amount**

**Awards**



# Construction methods



Construction: **solid cross-laminated plates and slabs**, which constitute the support structure around the **reinforced concrete staircase**

Main advantage: quick assembly thanks to the **prefabricated constructive parts**, the individual elements of the façade are factory made

Windows, insulation and base plaster have already been mounted and applied. This has a positive effect on the quality of the sealing measures, because factory production allows for a degree of accuracy and precision that cannot be achieved at building sites

The finishing plaster was applied to the construction shell subsequent to assembly, so that the building appears solid in its core structure and only the loggias and attic floor are visibly made of wood

The estate meets the **passive house standards**. Solar panels on the roof provide for the hot water supply. On the whole, numerous present and future demands of house building have been met, without crossing the defined limitations of subsidized housing



Passivhaus  
Mühlweg  
1210 Wien

Lageplan

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Bauwerber/  
Grundeigentümer

KLEA Wohnbau  
Gesellschaft m.b.H.

Leopold-Moses-Gasse 4  
1020 Wien  
Austria

Planverfasser  
Dietrich | Untertrifaller  
Architekten

tw 05 03 01  
Gezeichnet Datum

P 769  
Plannr.

M 1:1000



Passivhaus  
Mühlweg  
1210 Wien

Hydrant - neu  
in Absprache MA 68 + MA31  
und Arwag Mühlweg  
Vermietungsgesellschaft mbH  
1000l / min

Lageplan

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Austria

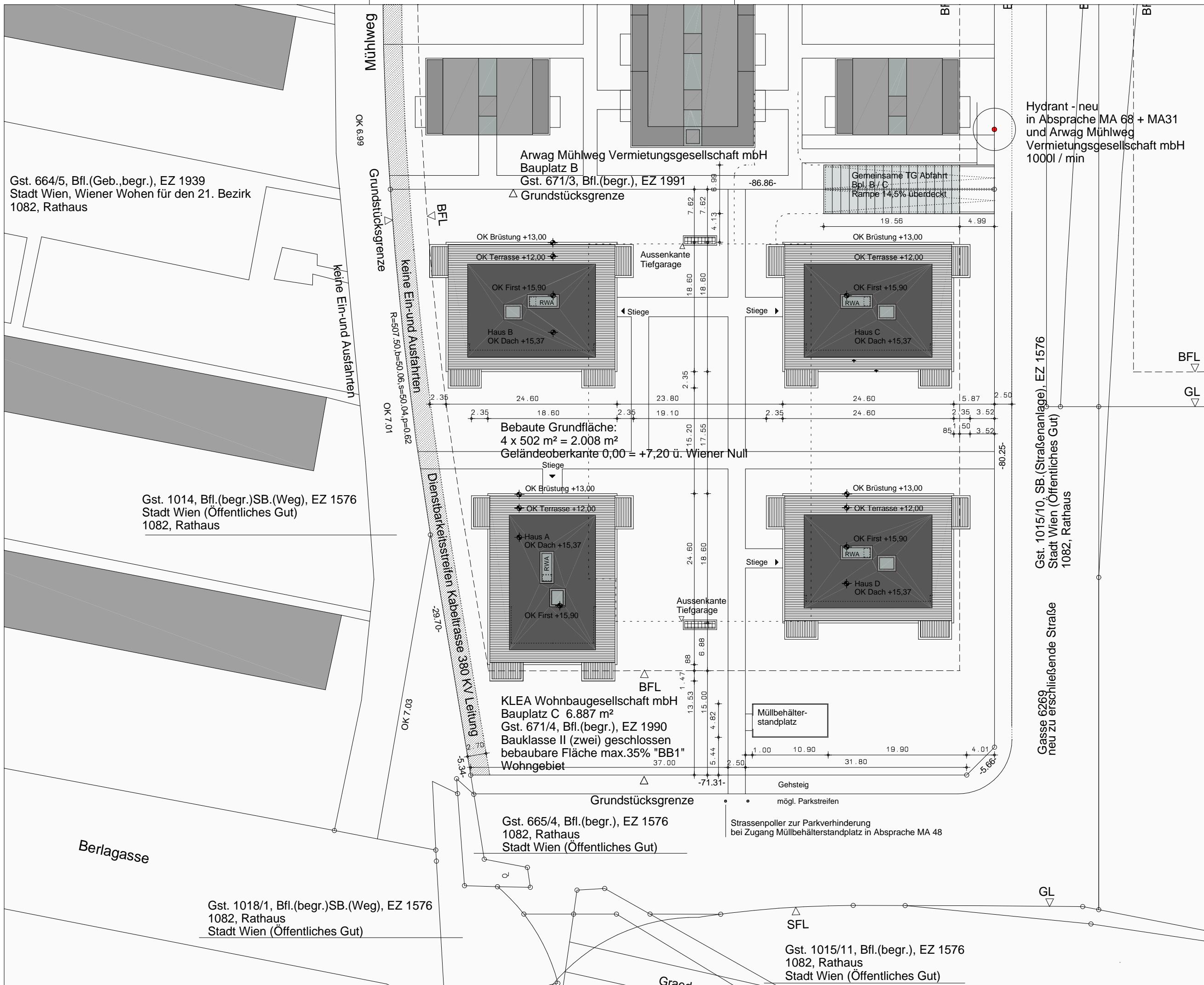
Planverfasser  
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Architekten

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Austria

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P 769  
Plannr.

M 1:500



Passivhaus  
Mühlweg  
1210 Wien

Erdgeschoss

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## Bauwerber/ Grundeigentümer

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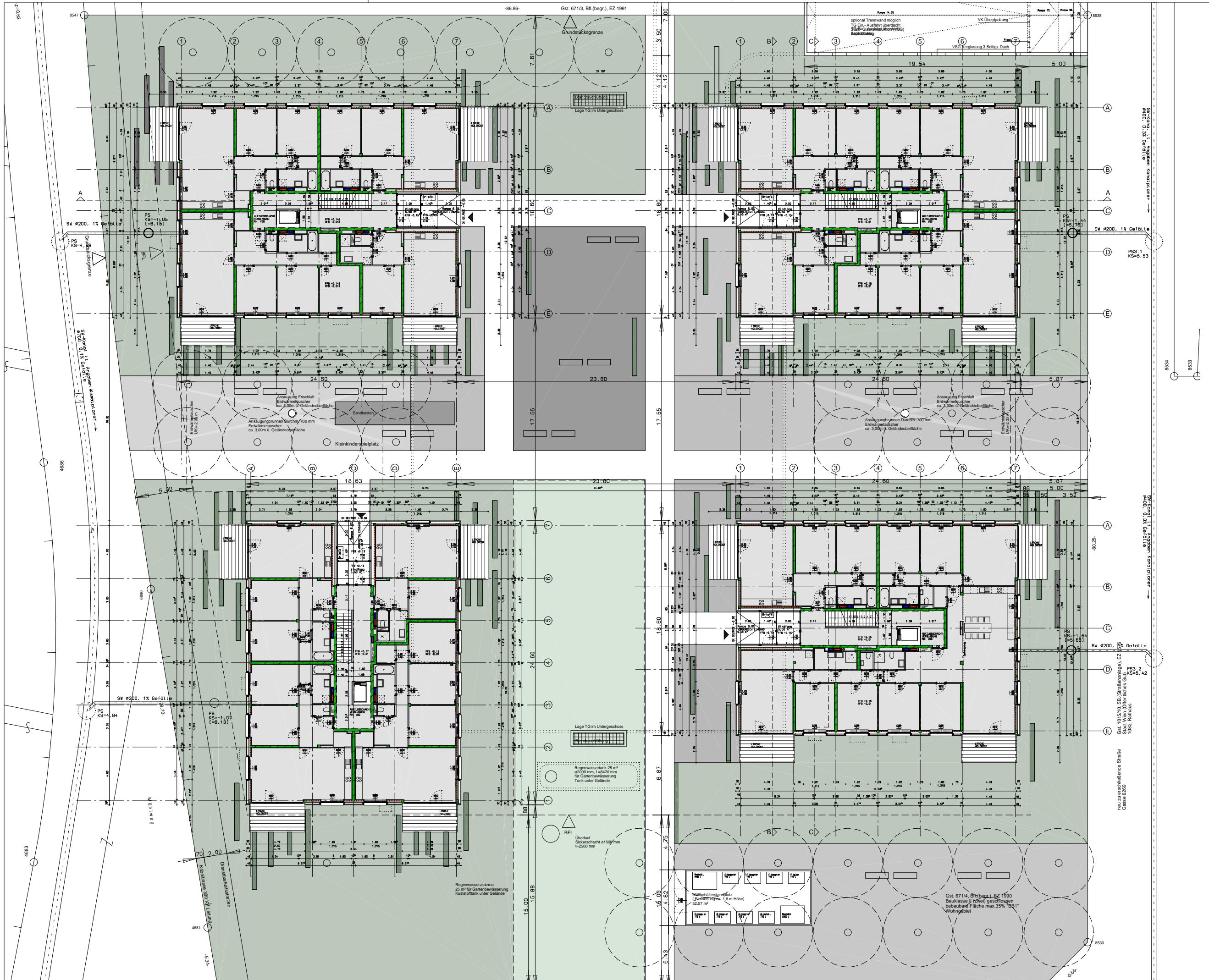
Leopold-Moses-Gasse 4  
1020 Wien  
Austria

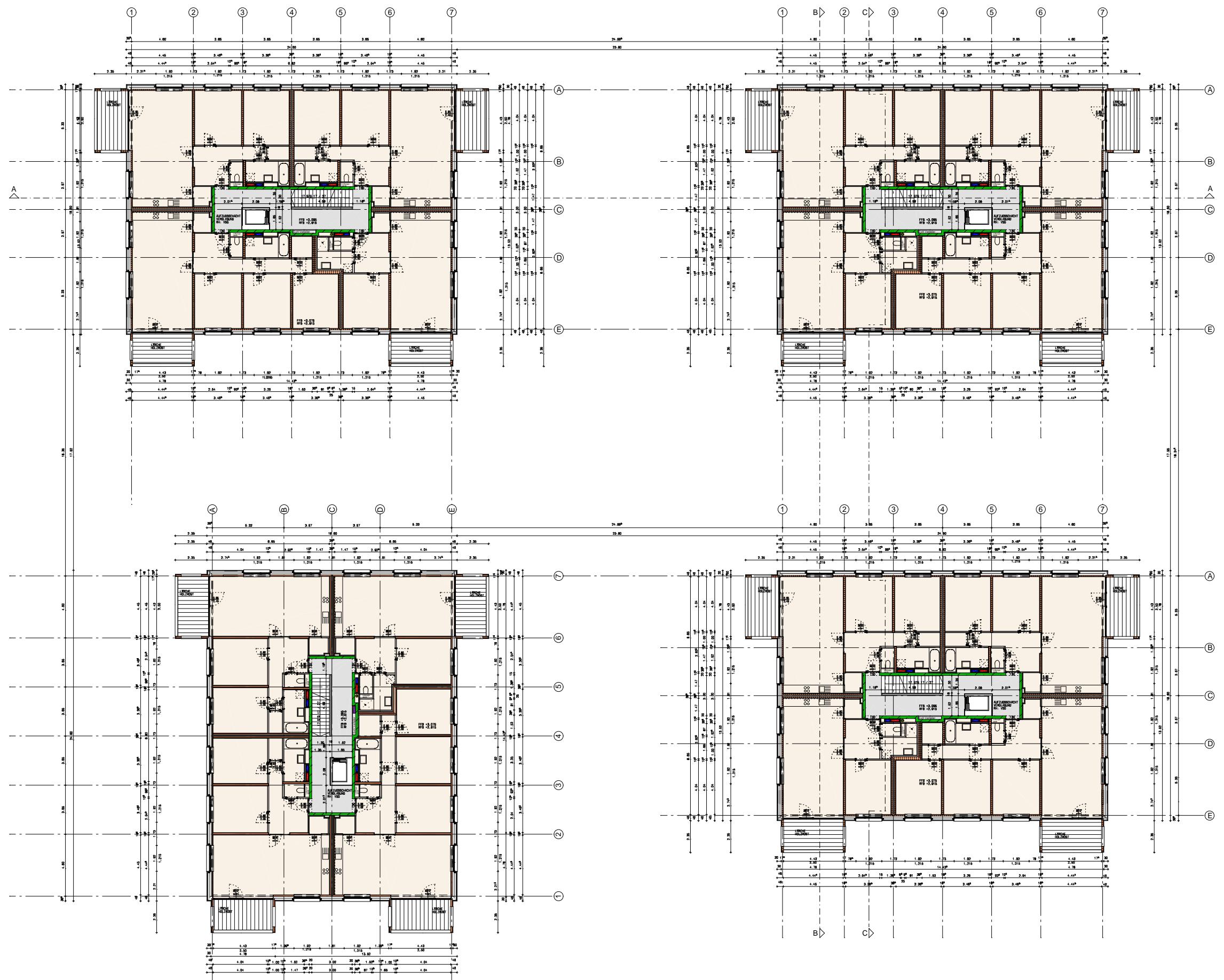
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Architekten

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Gezeichnet Datum

P 761  
Plannr.

M 1:300





1.Obergeschoss

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Bauwerber/  
Grundeigentümer

KLEA Wohnbau  
Gesellschaft m.b.H.  
Leopold-Moses-Gasse 4  
1020 Wien  
Austria

Planverfasser  
Dietrich | Untertrifaller  
Architekten  
Flachgasse 35-37  
1150 Wien  
Austria

tw 05 03 01  
Gezeichnet Datum

P 762  
Plannr.

M 1:300

4.Obergeschoss Penthouse

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Leopold-Moses-Gasse 4  
1020 Wien  
Austria

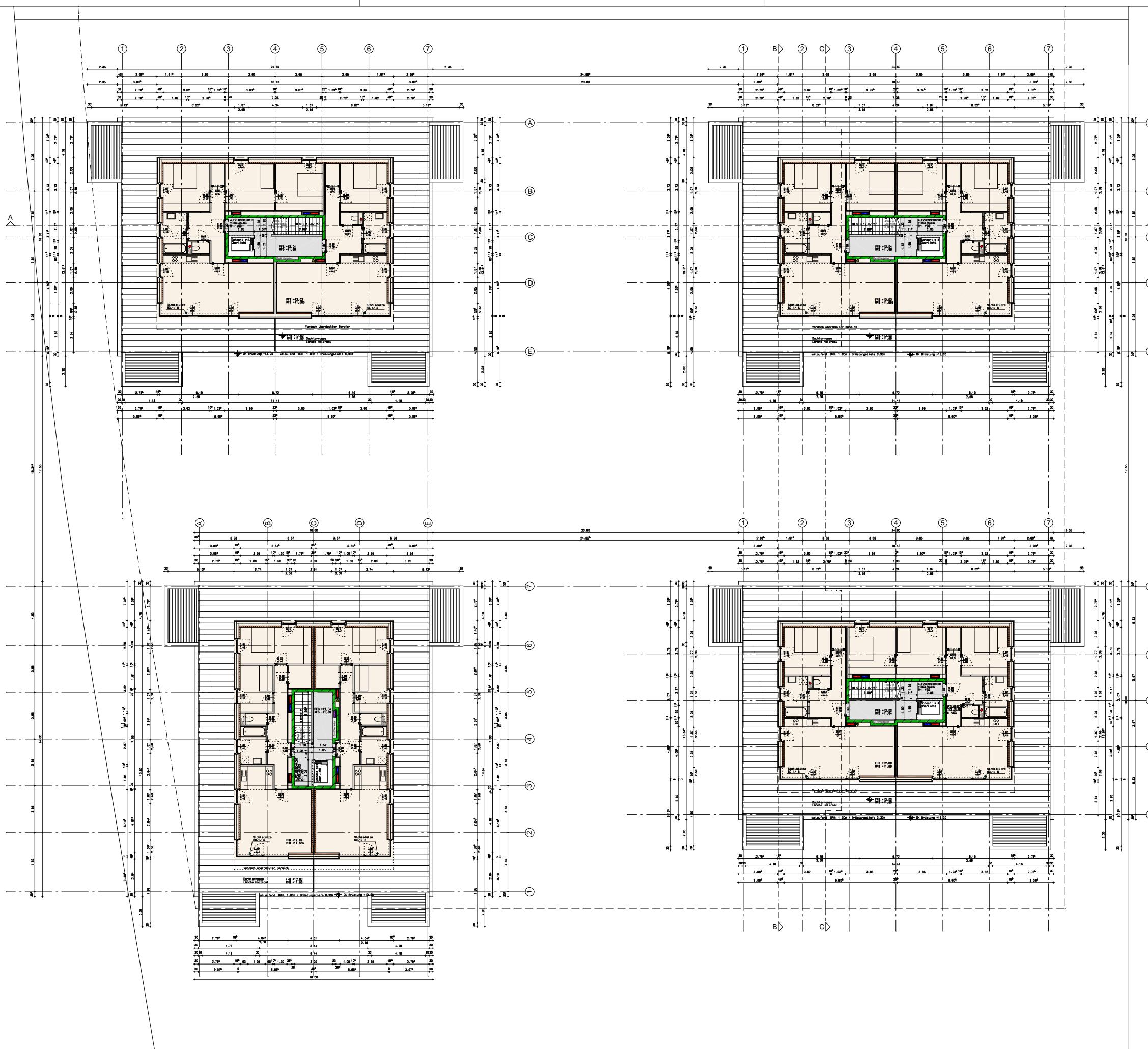
Planverfasser

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Architekten  
Flachgasse 35-37  
1150 Wien  
Austria

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P 765  
Plannr.

M 1:300





Ansicht Ost

Ansichten Ost, West



Ansicht West

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Bauwerber/  
Grundeigentümer

KLEA Wohnbau  
Gesellschaft m.b.H.  
Leopold-Moses-Gasse 4  
1020 Wien  
Austria

Planverfasser

Dietrich | Untertrifaller  
Architekten  
Flachgasse 35-37  
1150 Wien  
Austria

tw 05 03 01  
Gezeichnet Datum

P 767  
Plannr.

M 1:300



Ansicht Süd

Ansichten Süd, Nord

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Ansicht Nord

Bauwerber/  
Grundeigentümer

KLEA Wohnbau  
Gesellschaft m.b.H.  
Leopold-Moses-Gasse 4  
1020 Wien  
Austria

Planverfasser

Dietrich | Untertrifaller  
Architekten  
Flachgasse 35-37  
1150 Wien  
Austria

tw 05 03 01  
Gezeichnet Datum

P 768  
Plannr.

M 1:300