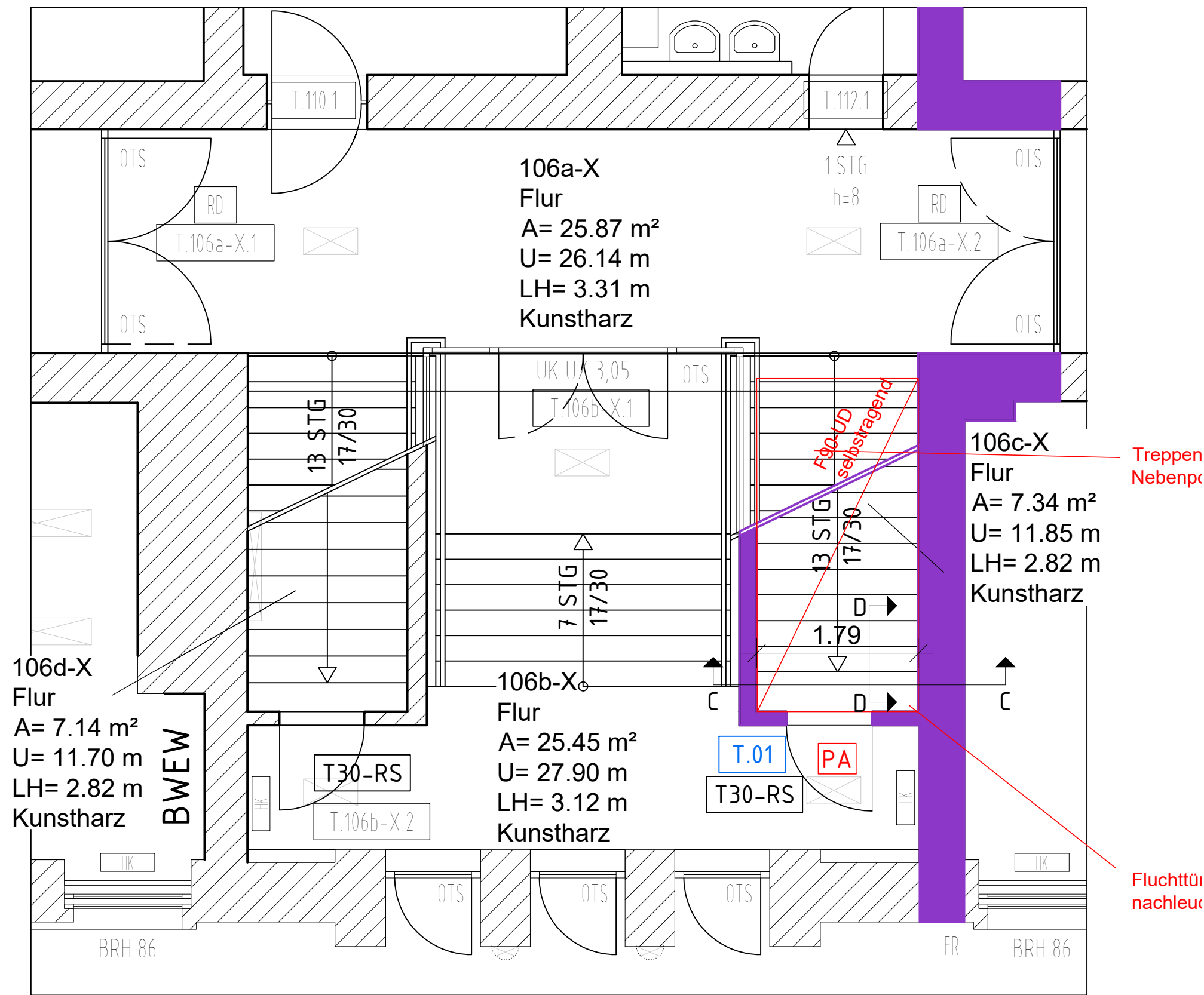


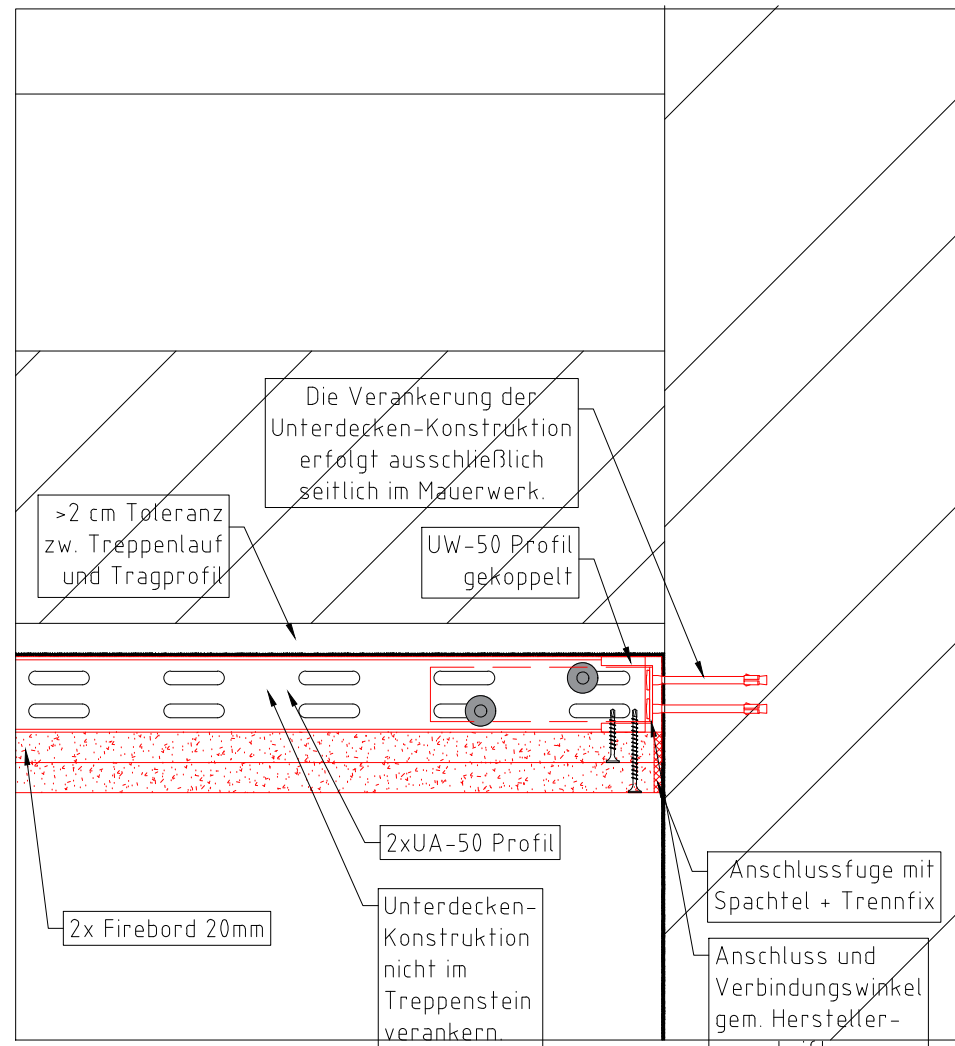
# Erdgeschoss Teilbereich

M 1:50



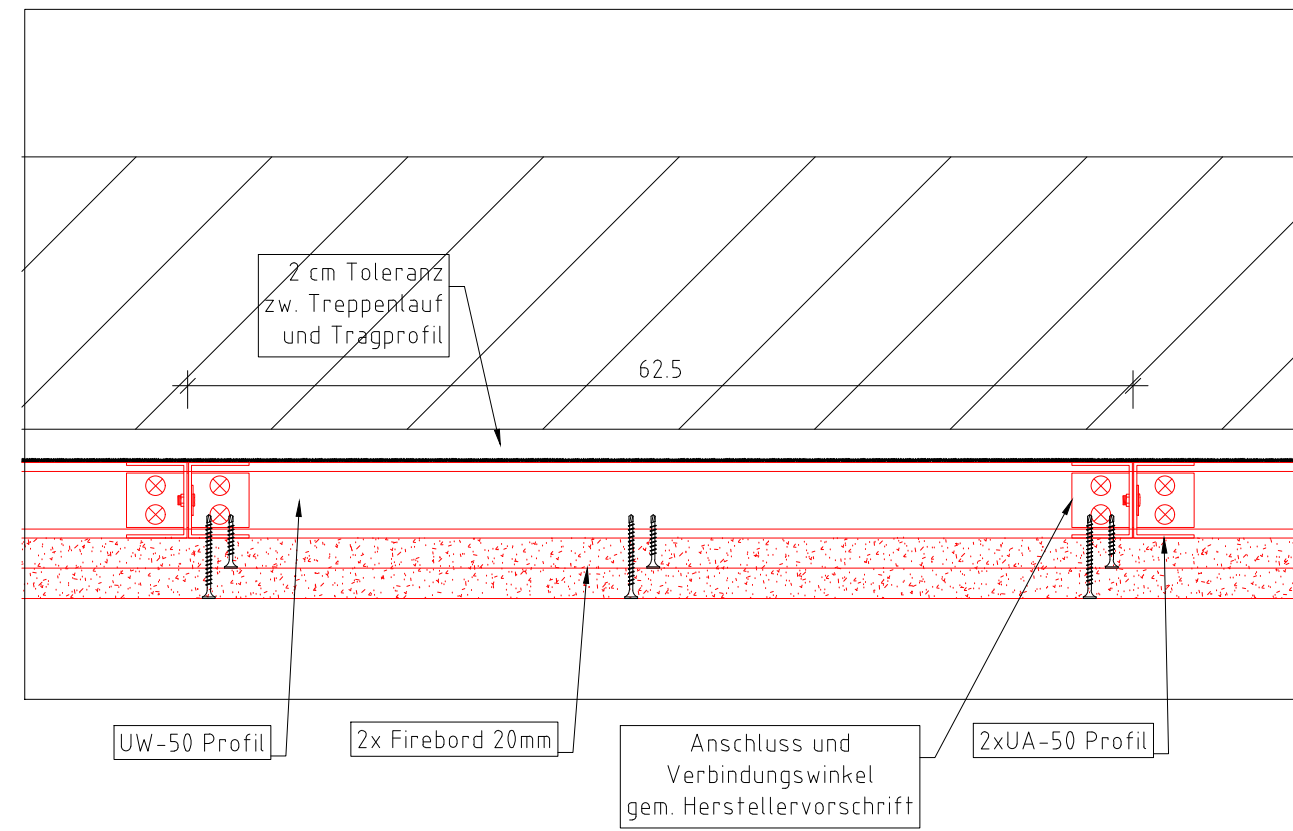
## Schnitt C-C Podestbereich Unterdecke-Detail Knauf F90

M 1:5



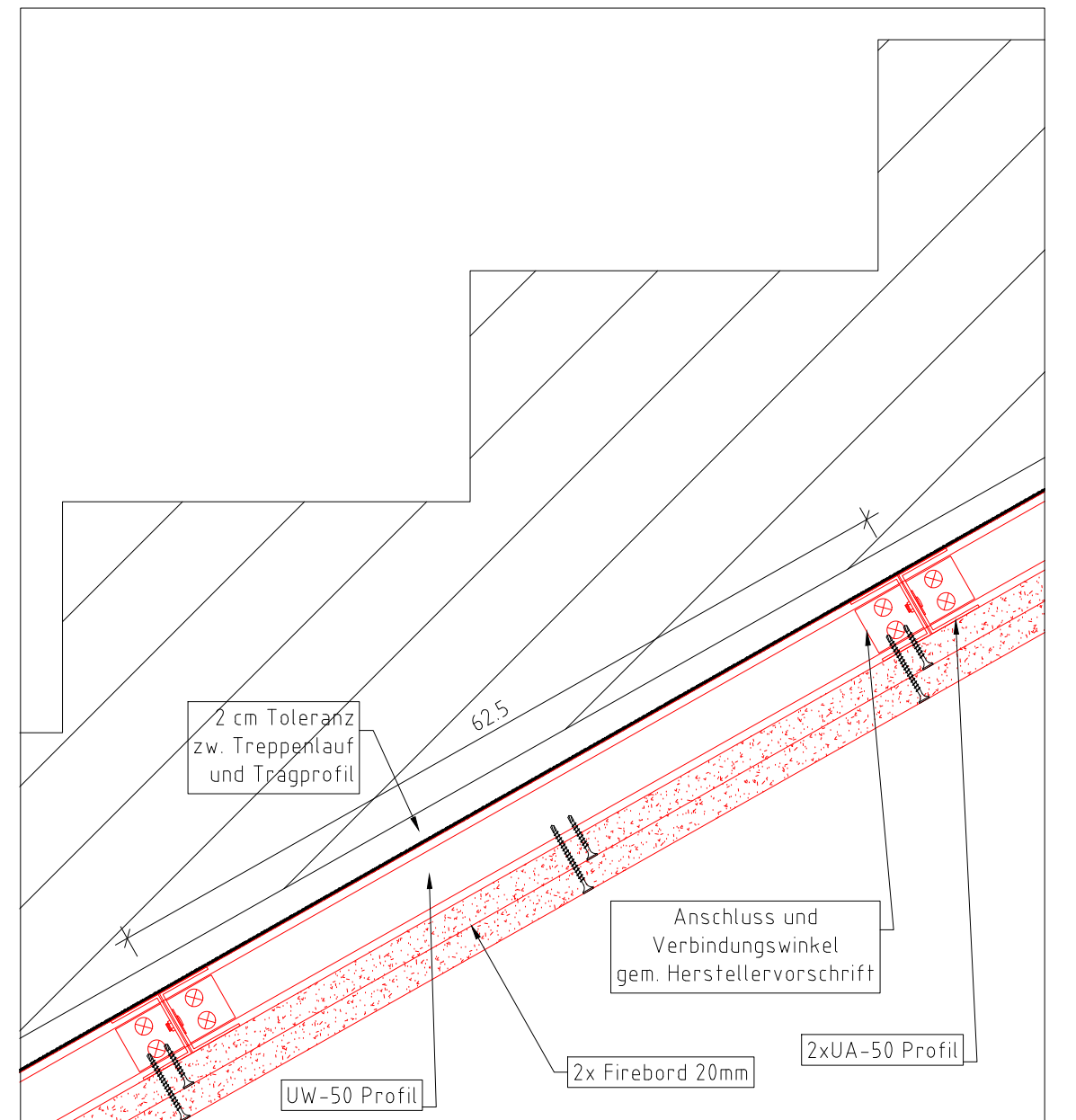
## Schnitt D-D Podestbereich Unterdecke-Detail Knauf F90

M 1:5



## Schnitt D-D Treppenbereich Unterdecke-Detail Knauf F90

M 1:5



KNAUF 219.de

### Daten für die Planung

### K219.de Technische und bauphysikalische Daten

#### Brandschutz F90 allein von unten

| Anforderung an die Rohdecke bei Brandbeanspruchung                       | Feuerwiderstandsklasse |          | Bepankung (Längsverlegung) | Tragprofil            | Dämmschicht                      |                   |
|--------------------------------------------------------------------------|------------------------|----------|----------------------------|-----------------------|----------------------------------|-------------------|
|                                                                          | Von unten              | Von oben |                            |                       | Mindest-Dicke                    | Mindest-Rohdichte |
| Von unten<br>Keine Brandschutzanforderung an Rohdecke / Dachkonstruktion | Bei Brandbeanspruchung |          | Mindest-Dicke              | Max. Achsabstand<br>b | Mindest-Dicke                    | Mindest-Rohdichte |
|                                                                          |                        |          | Fireboard<br>mm            | mm                    | mm                               | kg/m³             |
| K219.de Knauf Freitragende Fireboard-Decke A1                            |                        |          |                            |                       |                                  |                   |
|                                                                          | F90                    | -        | 2x 20                      | 625                   | Ohne oder<br>Mineralwolle G plus |                   |

### LEGENDE

|           |                                            |                                                       |
|-----------|--------------------------------------------|-------------------------------------------------------|
| NE        | Nutzungseinheit = Brutto-Grundfläche in m² | Systemlinien                                          |
| ...-X     | Raumnummer nicht durch Nutzer vergeben     | 1A                                                    |
| n.z.      | nicht zugänglich                           |                                                       |
| FR        | Fallrohr                                   | Kabelkanal/Bodenauslass                               |
| BRH       | Brüstungshöhe von OK FFB bis UK Fenster    | Schalter                                              |
| RH        | Lichte Raumhöhe                            | Doppelschalter                                        |
| [HK]      | Heizkörper                                 | Steckdose                                             |
| HZ        | Heizungsrohr                               | Netzwerk                                              |
| KST       | Kunststoffrohr                             | Telefon analog                                        |
| EL        | Elektrische Leitung                        | Telefon digital                                       |
| WD        | Wanddurchbruch                             |                                                       |
| DD        | Deckendurchbruch                           | Fliesenpiegel                                         |
| DN        | Durchmesser                                | ca. 1,20/1,80                                         |
| VS        | Vorsatzschale Länge/Breite/Höhe            | Symbolische Darstellung des Fliesenpiegels Länge/Höhe |
| OTS       | Oberflächenschleifer                       |                                                       |
| [T.300.1] | Türbezeichnung                             | Heizungsleitung                                       |
| [T.xx]    | Türnummer Sanierung                        | Wasser/Abwasser                                       |
| [T30]     | feuerhemmende Tür                          | Bestand                                               |
| [T90]     | feuerbeständige Tür                        | Neubau                                                |
| [T30-RS]  | feuerhemmende Tür mit Rauchschutz-Funktion | • Deckenschottung Elektro                             |
| [RD]      | Tür rauchdicht                             | ○ Deckenschottung Heizung                             |
| [PA]      | Pank                                       | EDF = Einzeldurchführung nach MLAR                    |
| [I]       | Schalter                                   |                                                       |
| [D]       | Doppelschalter                             |                                                       |
| [S]       | Steckdose                                  |                                                       |
| [L]       | Telefonanschluss                           |                                                       |
| [X]       | Deckenleuchte rechteckig                   |                                                       |
| [X]       | Deckenleuchte rund                         |                                                       |
| [W]       | Wandleuchte                                |                                                       |
| [B]       | Fußbodeneinlauf                            |                                                       |

### HINWEIS

Erstellt nach vorhandenen Zeichnungsunterlagen.  
Alle Maße am Bau prüfen!  
Statisch relevante Bauteile sind nach Angabe Statik auszuführen.

#### Bauvorhaben:

Unterteilung der Kellergeschossfläche in Nutzungseinheiten  
Projektnummer: BEFM.10318

|                                     |                                         |                                                                                                                                                  |             |
|-------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Objektplaner /<br>Entwurfsverfasser | KLW Ingenieure                          | KLW Ingenieure GmbH<br>Heinrichstraße 85 • 12105 Berlin<br>Tel.: 030 / 418000-0 • Fax: 030 / 418000-30<br>www.klw-berlin.de • info@klw-berlin.de | Berlin, den |
| Bauherr /<br>Auftraggeber           | Bundesanstalt für<br>Immobilienaufgaben | Bundesanstalt für Immobilienaufgaben -<br>Anstalt des öffentlichen Rechts<br>Fasanenstraße 87 • 10623 Berlin                                     | Berlin, den |

|      |          |       |      |    |
|------|----------|-------|------|----|
| Ind. | Änderung | Datum | Name | Fb |
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| Ind. Änderung                                                                                                                 |  |       |  |                           |  |                                                                                                          |  |  |  | Datum |  |       |  |      |  |
|  Bundesanstalt für<br>Immobilienaufgaben |  |       |  | Maßstab:<br>M 150<br>M 15 |  | Ausführungsplanung                                                                                       |  |  |  | =     |  |       |  |      |  |
|                                                                                                                               |  |       |  |                           |  | Ingenieurbau                                                                                             |  |  |  | +     |  |       |  |      |  |
|                                                                                                                               |  |       |  |                           |  | Brandschutzsanierung<br><br>Rheinpfalzallee 82, 10318 Berlin<br><br>Detail-Unterdecke Treppenhauseingang |  |  |  |       |  |       |  |      |  |
| Stückliste                                                                                                                    |  | Blatt |  | Bearb.                    |  |                                                                                                          |  |  |  |       |  | Datum |  | Name |  |
|                                                                                                                               |  |       |  | 01.08.2024                |  |                                                                                                          |  |  |  |       |  |       |  |      |  |
|                                                                                                                               |  |       |  | 04.12.2025                |  |                                                                                                          |  |  |  |       |  |       |  |      |  |
|                                                                                                                               |  |       |  | 07.01.2026                |  |                                                                                                          |  |  |  |       |  |       |  |      |  |
| Blatt: 1 von: 1                                                                                                               |  |       |  | Blätter                   |  | Berlin, 07.01.2026                                                                                       |  |  |  |       |  |       |  |      |  |
| Ursprung:                                                                                                                     |  |       |  |                           |  |                                                                                                          |  |  |  |       |  |       |  |      |  |
| Reg.-Nr.:                                                                                                                     |  |       |  |                           |  |                                                                                                          |  |  |  |       |  |       |  |      |  |
| Auftr.-Nr.:                                                                                                                   |  |       |  |                           |  |                                                                                                          |  |  |  |       |  |       |  |      |  |
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