

# PROJEKT / PROGETTO

AUTONOME PROVINZ BOZEN - GEMEINDE BRUNECK  
PROVINCIA AUTONOMA DI BOLZANO - COMUNE DI BRUNICO

22090

## ERNEUERUNG DER AUFSTIEGSANLAGEN "KRONPLATZ 1+2" MIT NEUER PISTENANBINDUNG AM KRONPLATZ IN DER GEMEINDE BRUNECK

## RINNOVO DEGLI IMPIANTI DI RISALITA "PLAN DE CORONES 1+2" CON NUOVO COLLEGAMENTO ALLE PISTE SUL PLAN DE CORONES NEL COMUNE DI BRUNICO

INHALT / CONTENUTO

### BERECHNUNGEN

|               |                 |                |
|---------------|-----------------|----------------|
|               |                 |                |
|               |                 |                |
|               |                 |                |
|               |                 |                |
|               |                 |                |
| Nov 2023      | DB              | MP             |
| Datum<br>data | bearb.<br>elab. | gepr.<br>esam. |
| Anlage        | Allegato        |                |

06

AUFTRAGGEBER / COMMITTENTE

### KRONPLATZ SEILBAHN GMBH

Reischach, Seilbahnstraße 10  
39031 Bruneck

PROJEKTANT / PROGETTISTA

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Dott. Ing. Udo Mall

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ARBEITSGRUPPE / GRUPPO DI LAVORO

### Jesacher

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jesacher  
geologiebüro | studio di geologia

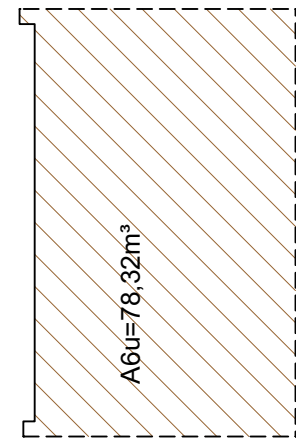
### TRIFOLIUM

Dr. Kurt Kußstatscher  
I-39050 Jenesiën - Afingerweg 40  
Tel. 3355346470 [www.trifolium.net](http://www.trifolium.net)

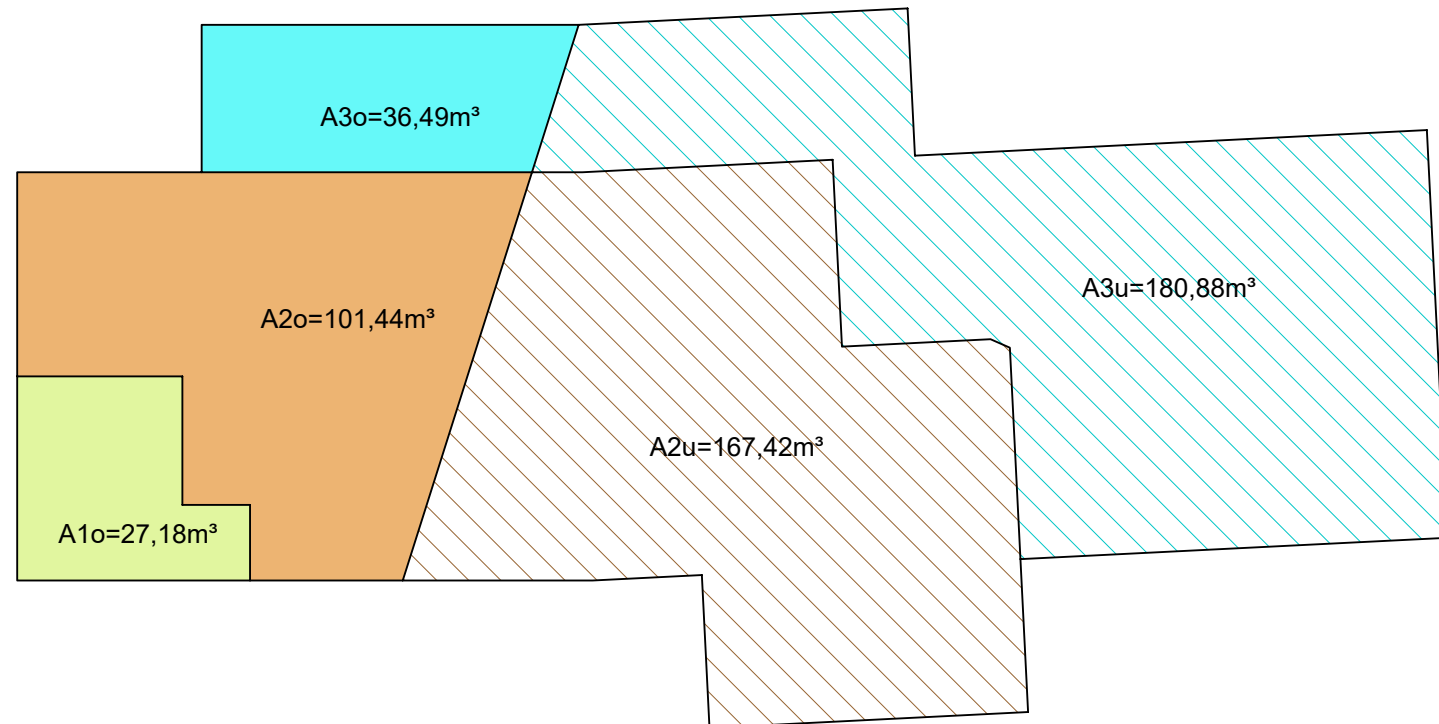


### MITTELSTATION

GRUNDRISS KELLERGECHOSS  
Mst. 1:200



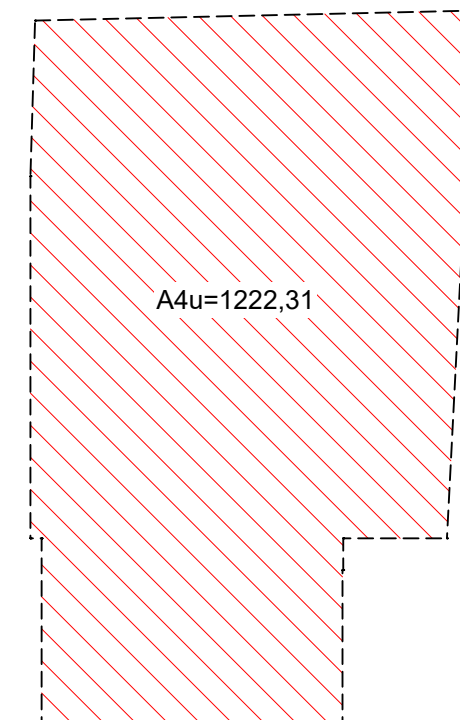
GRUNDRISS UNTERGESCHOSS  
Mst. 1:200



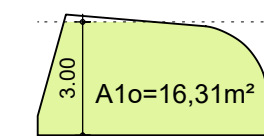
GRUNDRISS ERDGESCHOSS  
Mst. 1:200

TALSTATION

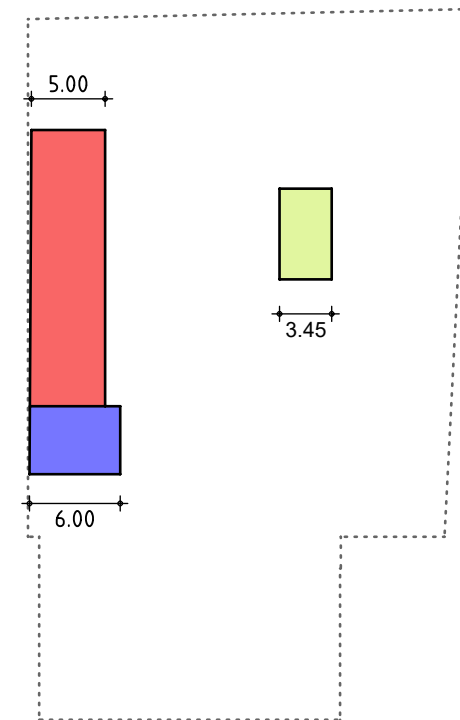
GRUNDRISS UNTERGESCHOSS  
Mst. 1:500



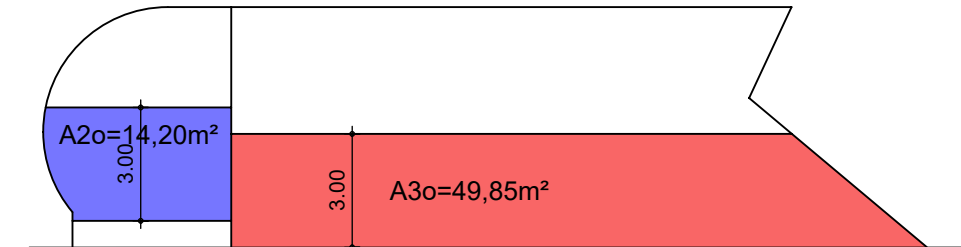
SCHNITT ERSTEHILFE  
Mst. 1:200



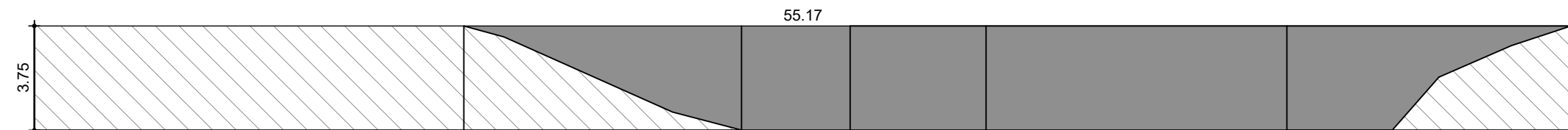
GRUNDRISS ERDGESCHOSS  
Mst. 1:500



SCHNITT KOMMANDORAUM  
Mst. 1:200



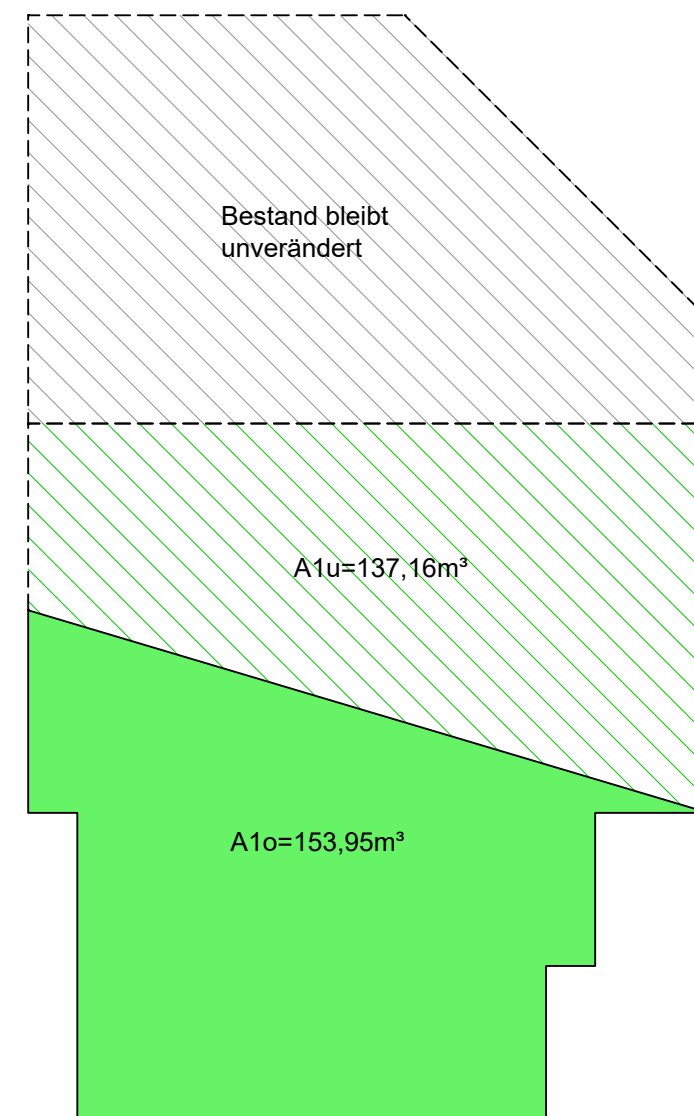
MANTELABWICKLUNG UNTERGESCHOSS  
Mst. 1:200



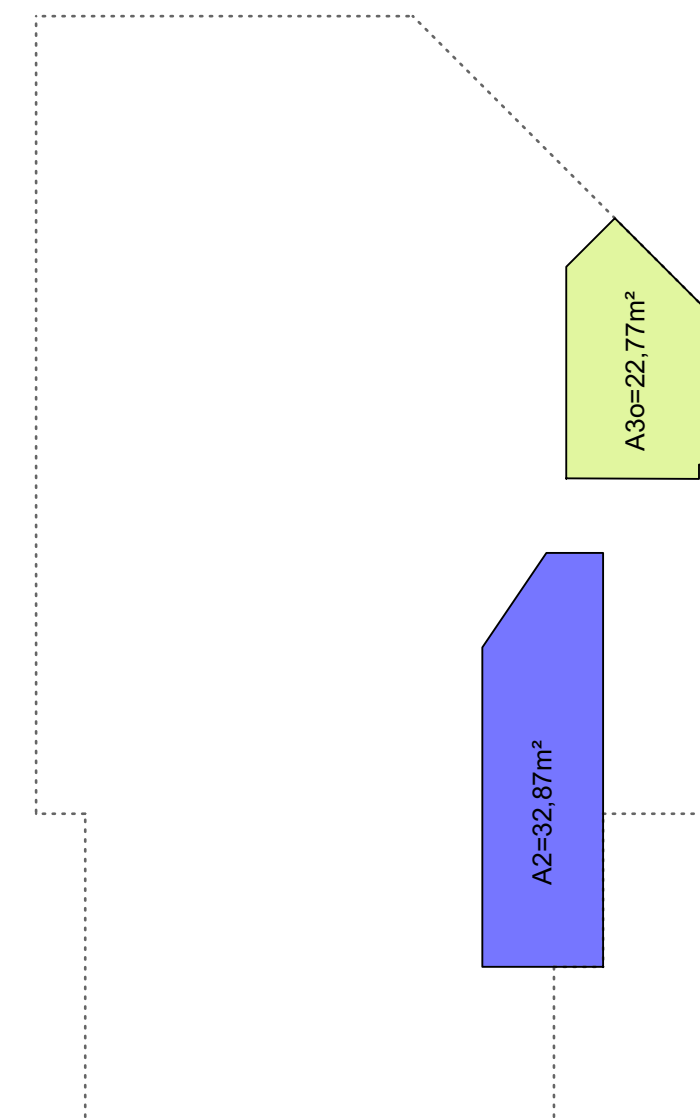
MITTLERE GEBÄUDEHÖHE UNTERGESCHOSS

$$\frac{\text{Mantel/Mantello: } 115,71\text{m}^2}{\text{Umfang/Perimetro: } 55,17\text{m}} = 2,10\text{m}$$
BERGSTATION

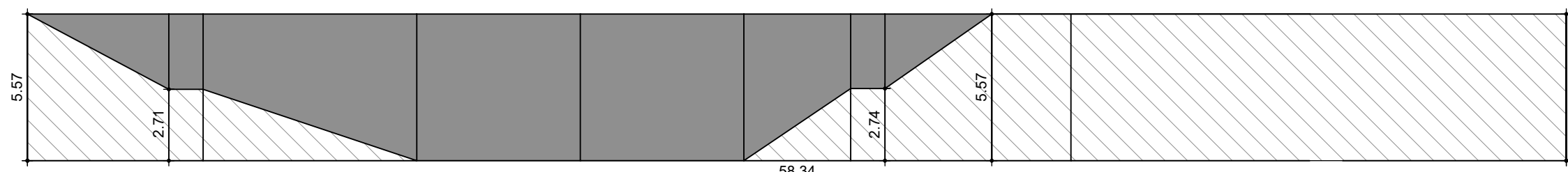
GRUNDRISS UNTERGESCHOSS  
Mst. 1:200



GRUNDRISS UNTERGESCHOSS  
Mst. 1:200



MANTELABWICKLUNG UNTERGESCHOSS  
Mst. 1:200



Mittlere Gebäudehöhe Untergeschoss  
 Mantel/Mantello:  $\frac{141,01\text{m}^2}{58,34\text{m}} = 2,42\text{m}$   
 Umfang/Perimetro: 58,34m

|                     | Kommandokabine | Kabinenmagazin | Technische Räumlichkeiten<br>Kabinenbahn | LAGerräume für Kabinenbahn | Service für Skigäste | LAGerräume allgemein | Schneekatzengarage und<br>Pumpstation |
|---------------------|----------------|----------------|------------------------------------------|----------------------------|----------------------|----------------------|---------------------------------------|
| Talstation          |                |                |                                          |                            |                      |                      |                                       |
| oberirdisch         |                |                |                                          |                            |                      |                      |                                       |
| A1                  |                |                |                                          |                            | 16,61x3,45=          | 57,30 m³             |                                       |
| A2                  | 14,20x3,00=    | 42,60 m³       |                                          |                            |                      |                      |                                       |
| A3                  |                |                | 49,85x5,00=                              | 249,25 m³                  |                      |                      |                                       |
| unterirdisch        |                |                |                                          |                            |                      |                      |                                       |
| A4                  |                |                | 1222,31x3,00=                            | 3666,93 m³                 |                      |                      |                                       |
| Mittelstation       |                |                |                                          |                            |                      |                      |                                       |
| oberirdisch         |                |                |                                          |                            |                      |                      |                                       |
| A1                  |                |                |                                          |                            | 27,18x2,10=          | 57,08 m³             |                                       |
| A2                  |                |                | 101,44x2,10=                             | 213,02 m³                  |                      |                      |                                       |
| A3                  |                |                |                                          |                            | 36,49x2,10=          | 76,63 m³             |                                       |
| A4                  | 20,28x3,00=    | 60,84 m³       |                                          |                            |                      |                      |                                       |
| A5                  | 102,54x3,00=   | 307,62 m³      |                                          |                            |                      |                      |                                       |
| unterirdisch        |                |                |                                          |                            |                      |                      |                                       |
| A1                  |                |                |                                          |                            | 27,18x(3,00-2,10)=   | 24,46 m³             |                                       |
| A2                  |                |                | 101,44x(3,00-2,10)+167,42x3,00=          | 593,56 m³                  |                      |                      |                                       |
| A3                  |                |                |                                          |                            | 36,49x(3,00-         | 575,48 m³            |                                       |
| A6                  |                |                | 78,32x3,00=                              | 234,96 m³                  |                      |                      |                                       |
| Bergstation         |                |                |                                          |                            |                      |                      |                                       |
| oberirdisch         |                |                |                                          |                            |                      |                      |                                       |
| A1                  |                |                |                                          |                            |                      |                      | 153,95X2,42=                          |
| A2                  | 32,87x3,00=    | 98,61 m³       |                                          |                            |                      |                      | 372,56 m³                             |
| A3                  |                |                |                                          |                            | 22,77x3,00=          | 68,31 m³             |                                       |
| unterirdisch        |                |                |                                          |                            |                      |                      |                                       |
| A1                  |                |                |                                          |                            |                      |                      | 153,95X(3,00-2,42)+137,16x3,00=       |
|                     |                |                |                                          |                            |                      |                      | 500,77 m³                             |
| Gesamt oberirdisch  |                |                |                                          |                            |                      |                      |                                       |
| 509,67 m³           |                |                | 249,25 m³                                | 213,02 m³                  | 76,63 m³             | 182,69 m³            | 372,56 m³                             |
| Gesamt unterirdisch |                | 0,00 m³        | 3666,93 m³                               | 828,52 m³                  | 575,48 m³            | 24,46 m³             | 500,77 m³                             |
| Gesamt              |                | 509,67 m³      | 3916,18 m³                               | 1041,54 m³                 | 652,11 m³            | 207,15 m³            | 873,33 m³                             |

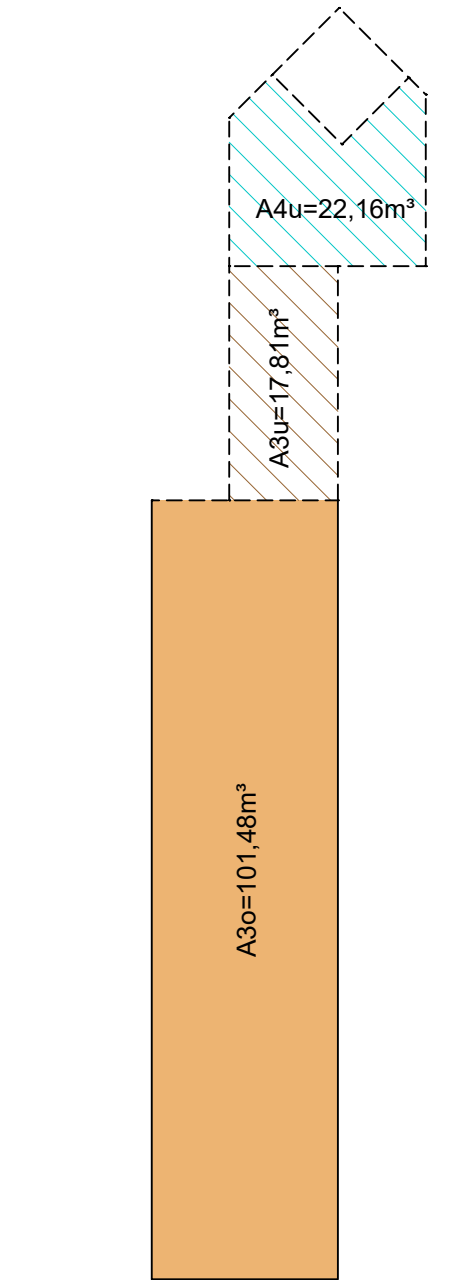
## BESTAND

|                                                                                                                                                                                                                                                   |  |                                                                                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
| PROGETTO / PROGETTO                                                                                                                                                                                                                               |  | 22090                                                                                 |  |
| <b>ERNEUERUNG DER AUFSTIEGSANLAGEN "KRONPLATZ 1+2"</b><br><b>MIT NEUER PISTENANBINDUNG AM KRONPLATZ IN DER GEMEINDE BRUNECK</b>                                                                                                                   |  |                                                                                       |  |
| PROJEKTANT / PROGETTISTA                                                                                                                                                                                                                          |  |  |  |
| <b>iPM Engineering</b><br>Dott. Ing. Markus Pescoldinger / Dott. Ing. Udo Mall<br>I-39031 Bruneck, Glimplatz 2 / Brunico, piazza Glim 2 - 0474/050005 - <a href="mailto:info@ipm.bz">info@ipm.bz</a> - <a href="http://www.ipm.bz">www.ipm.bz</a> |  |  |  |
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| H/B = 500 / 1050 (0.53m²)                                                                                                                                                                                                                         |  | Allplan 202                                                                           |  |

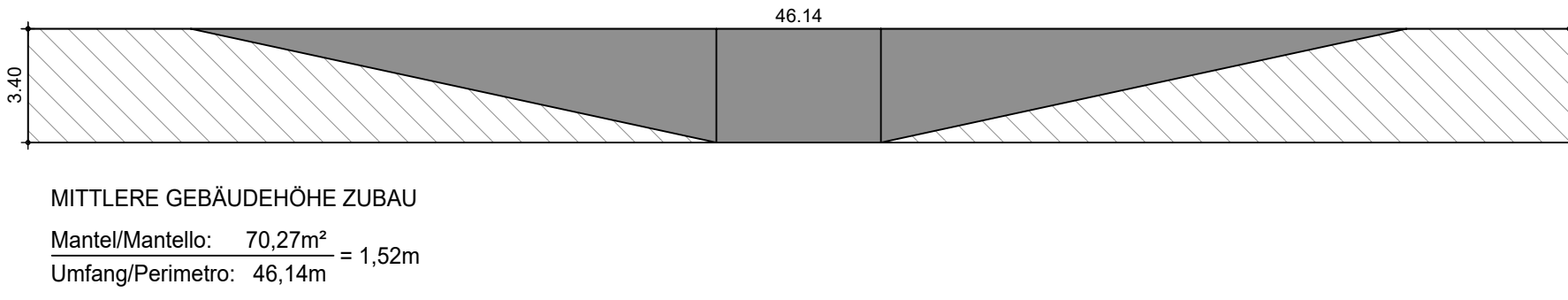
|                     | Kommandokabine | Kabinenmagazin | Technische Räumlichkeiten<br>Kabinenbahn | Lagerräume für Kabinenbahn | Service für Skigäste | Lagerräume allgemein | Schneekatzengränge und<br>Pumpstation |
|---------------------|----------------|----------------|------------------------------------------|----------------------------|----------------------|----------------------|---------------------------------------|
| Talstation          |                |                |                                          |                            |                      |                      |                                       |
| oberirdisch         |                |                |                                          |                            |                      |                      |                                       |
| A1                  | 16,00x3,00=    | 48,00 m²       |                                          |                            |                      |                      |                                       |
| A2                  |                |                |                                          | 9,17x3,60=                 | 33,01 m²             |                      |                                       |
| A3                  |                |                | 54,36x5,00=                              | 271,80 m²                  |                      |                      |                                       |
| unterirdisch        |                |                |                                          |                            |                      |                      |                                       |
| A4                  |                | 1222,31x3,00=  | 3666,93 m²                               |                            |                      |                      |                                       |
| Mittelstation       |                |                |                                          |                            |                      |                      |                                       |
| oberirdisch         |                |                |                                          |                            |                      |                      |                                       |
| A1                  | 25,56x2,85=    | 72,85 m²       |                                          |                            |                      |                      |                                       |
| A2                  |                |                | 208,04x3,00=                             | 624,12 m²                  |                      |                      |                                       |
| A3                  |                |                |                                          |                            | 25,56x3,00=          | 76,68 m²             |                                       |
| A4                  |                |                |                                          |                            | 1,66x2,24=           | 3,72 m²              |                                       |
| A5                  |                |                |                                          | 27,19x2,24=                | 60,91 m²             |                      |                                       |
| A6                  |                |                |                                          |                            |                      |                      | 32,87x2,24=                           |
| A7                  |                |                |                                          | 9,87x2,24=                 | 22,11 m²             |                      | 73,63 m²                              |
| A8                  |                |                |                                          |                            |                      | 12,80x2,24=          | 28,67 m²                              |
| unterirdisch        |                |                |                                          |                            |                      |                      |                                       |
| A2                  |                | 865,64x3,00    | 2595,90 m²                               |                            |                      |                      |                                       |
| A4                  |                |                |                                          | 1,66x(3,00-                | 72,81 m²             |                      |                                       |
| A5                  |                |                |                                          | 27,19x(3,00-               |                      |                      |                                       |
| A6                  |                |                |                                          | 2,24)+61,31x3,00=          | 204,59 m²            |                      |                                       |
| A7                  |                |                |                                          | 9,87x(3,00-                |                      |                      | 32,87x(3,00-                          |
| A8                  |                |                |                                          | 2,24)+21,30x3,00=          | 71,40 m²             |                      | 136,04 m²                             |
| Bergstation         |                |                |                                          |                            |                      |                      |                                       |
| oberirdisch         |                |                |                                          |                            |                      |                      |                                       |
| A1                  |                |                |                                          |                            | 75,22x(2,46-1,52)=   | 70,71 m²             |                                       |
| A2                  |                |                |                                          |                            |                      |                      | 359,83x2,46=                          |
| A3                  |                |                |                                          | 101,48x1,52=               | 154,25 m²            |                      | 885,18 m²                             |
| A5                  | 36,59x3,00=    | 109,77 m²      |                                          |                            |                      |                      |                                       |
| A6                  |                |                |                                          |                            |                      | 14,75x3,00=          | 44,25 m²                              |
| A7                  | 25,76x3,00=    | 74,28 m²       |                                          |                            |                      |                      |                                       |
| A8                  |                |                |                                          | 32,12x3,00=                | 96,36 m²             |                      |                                       |
| A9                  |                |                |                                          |                            | 84,03x3,00=          | 252,09 m²            |                                       |
| A1                  |                |                |                                          |                            |                      |                      |                                       |
| A2                  |                |                |                                          |                            | 75,22x(2,97-(2,46-   |                      |                                       |
| A3                  |                |                |                                          |                            | 1,52)))+23,99x2,97=  | 223,95 m²            |                                       |
| A4                  |                |                |                                          |                            |                      |                      | 359,83x(3,00-                         |
| A5                  |                |                |                                          |                            |                      |                      | 2,46)+117,65x3,00=                    |
| A6                  |                |                |                                          |                            |                      |                      | 547,26 m²                             |
| A7                  |                |                |                                          | 101,48x(3,00-              |                      |                      |                                       |
| A8                  |                |                |                                          | 1,52)+17,81x3,00=          | 203,62 m²            |                      |                                       |
| A9                  |                |                |                                          |                            | 22,16x3=             | 66,48 m²             |                                       |
| Gesamt oberirdisch  |                |                |                                          |                            |                      |                      |                                       |
| Gesamt unterirdisch |                |                |                                          |                            |                      |                      |                                       |
| Gesamt              |                |                |                                          |                            |                      |                      |                                       |
| Differenz           |                |                |                                          |                            |                      |                      |                                       |

BERGSTATION

GRUNDRISS ZUBAU  
Mst. 1:200

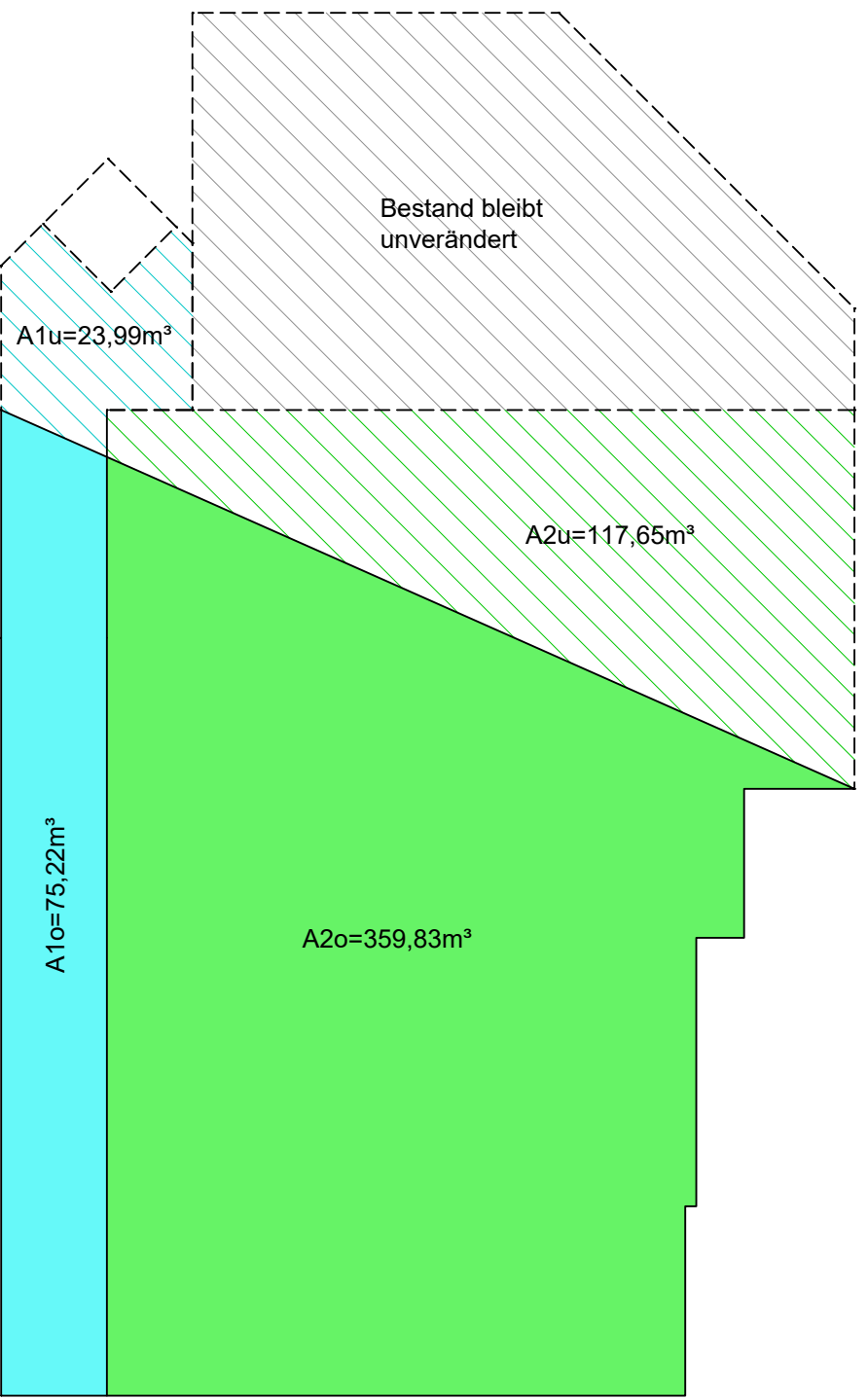


MANTELABWICKLUNG ZUBAU  
Mst. 1:200

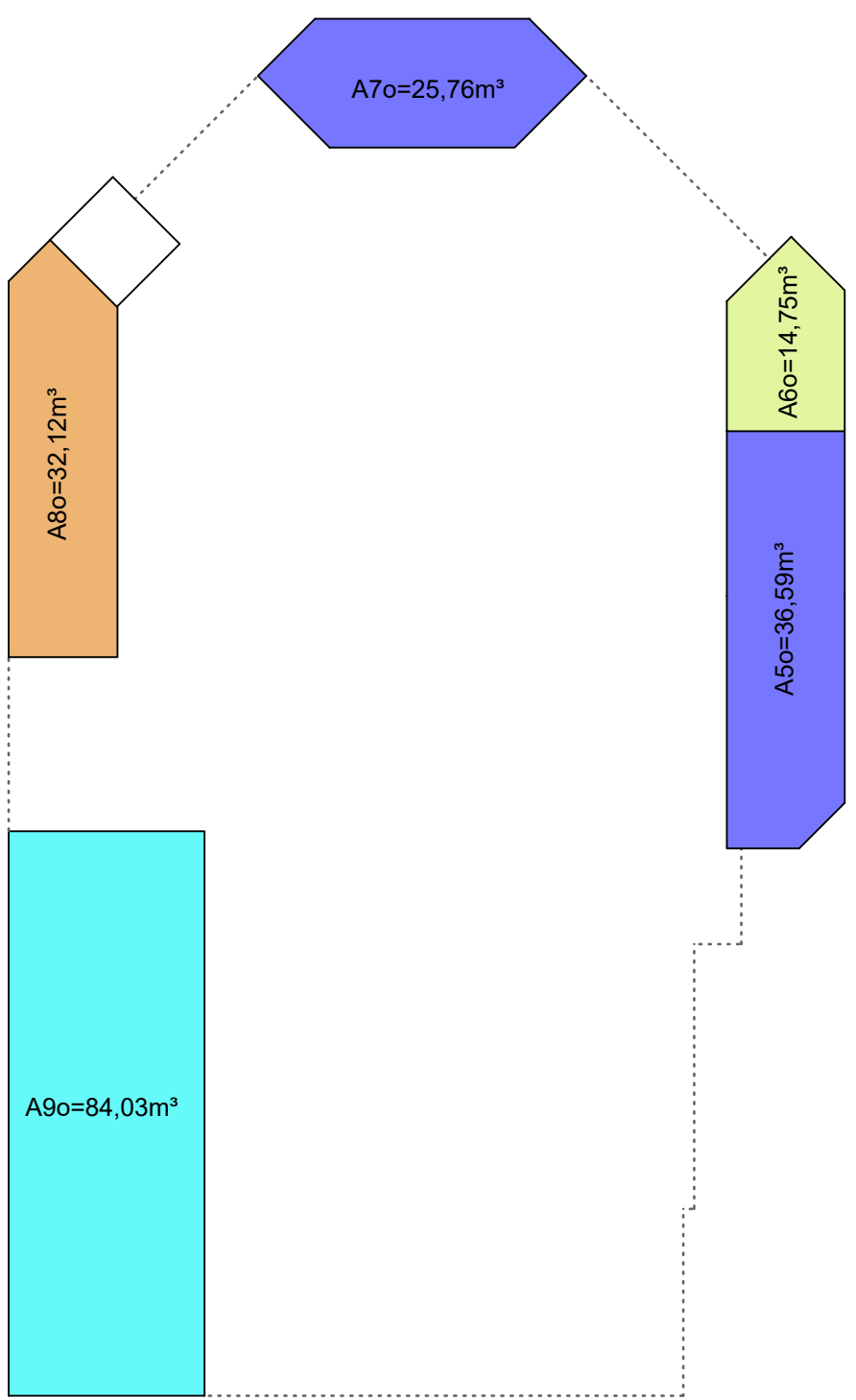


MITTLERE GEBÄUDEHÖHE ZUBAU  
Mantel/Mantello: 70,27m² = 1,52m  
Umfang/Perimetro: 46,14m

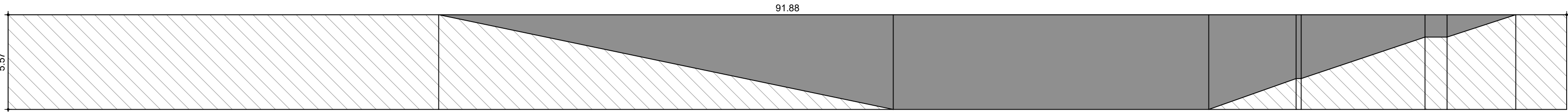
GRUNDRISS UNTERGESCHOSS  
Mst. 1:200



GRUNDRISS UNTERGESCHOSS  
Mst. 1:200



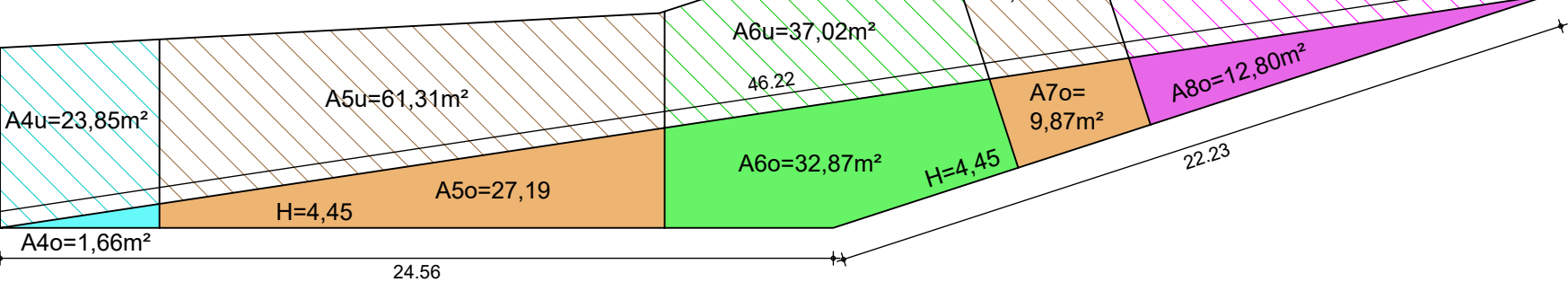
MANTELABWICKLUNG UNTERGESCHOSS  
Mst. 1:200



MITTLERE GEBÄUDEHÖHE UNTERGESCHOSS  
Mantel/Mantello: 226,27m² = 2,46m  
Umfang/Perimetro: 91,88m

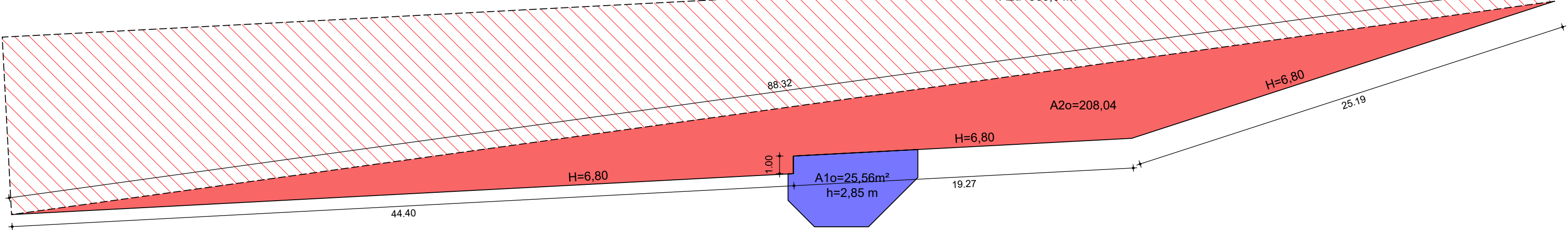
MITTELSTATION

GRUNDRISS UNTERGESCHOSS  
Mst. 1:200

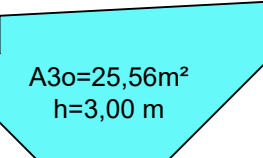


MITTLERE GEBÄUDEHÖHE UNTERGESCHOSS  
Mantel/Mantello: (24,56+22,23)x4,45 = 208,22m²  
Umfang/Perimetro: (24,56+22,23+46,22) = 93,01m

GRUNRISS ERDGESCHOSS  
Mst. 1:200

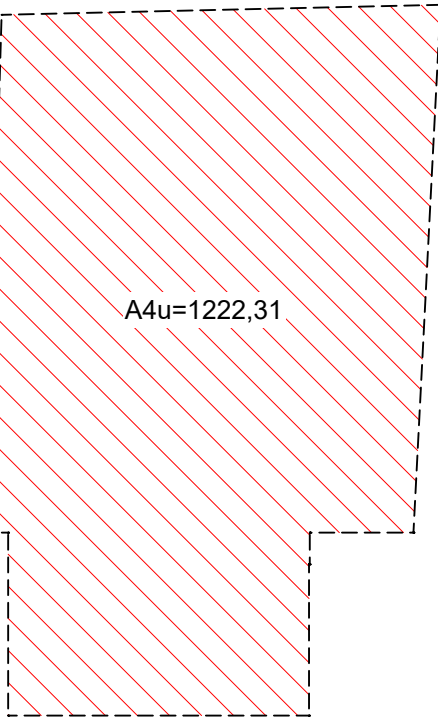


MITTLERE GEBÄUDEHÖHE KABINENMAGAZIN  
Mantel/Mantello: (44,40+1,00+19,27+25,19)x6,80 = 611,05m²  
Umfang/Perimetro: (44,40+1,00+19,27+25,19+88,32) = 187,18m

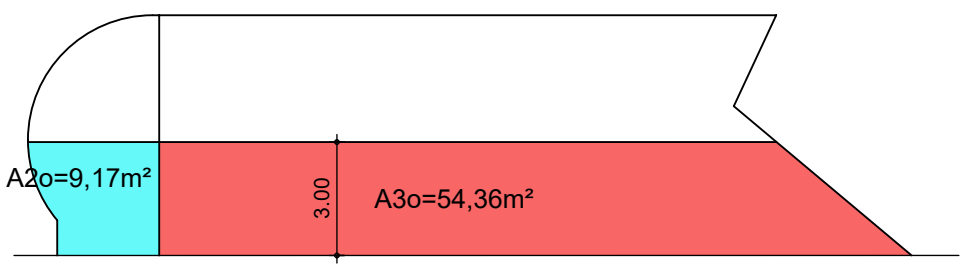


TALSTATION

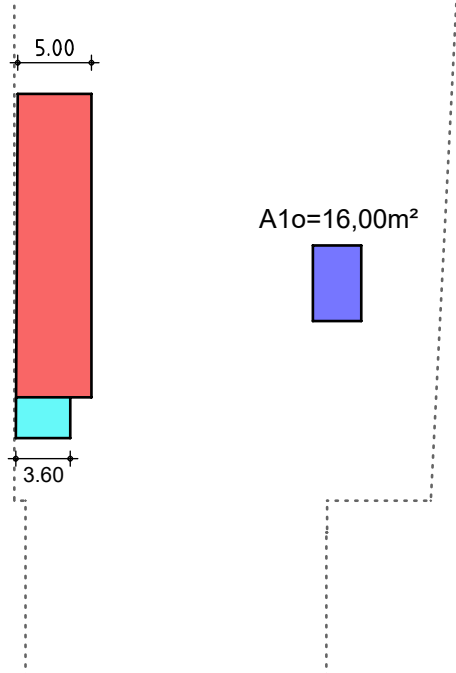
GRUNDRISS UNTERGESCHOSS  
Mst. 1:500



SCHNITT SCHRÄGAUFZUG  
Mst. 1:200



GRUNDRISS ERDGESCHOSS  
Mst. 1:500



BESTAND

PROJEKT / PROGETTO

22090

ERNEUERUNG DER AUFSTIEGSANLAGEN "KRONPLATZ 1+2"  
MIT NEUER PISTENANBINDUNG AM KRONPLATZ IN DER GEMEINDE BRUNECK

PROJEKTANT / PROGETTISTA  
Dott. Ing. Markus Pescoldierugg / Dott. Ing. Udo Mall  
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Nov 2023  
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data

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H/B = 500 / 1050 (0.69m²)

06.b

Allplan 2021