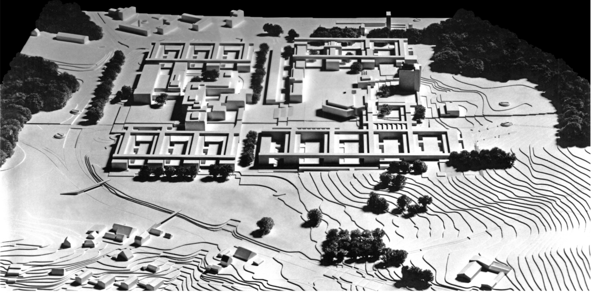
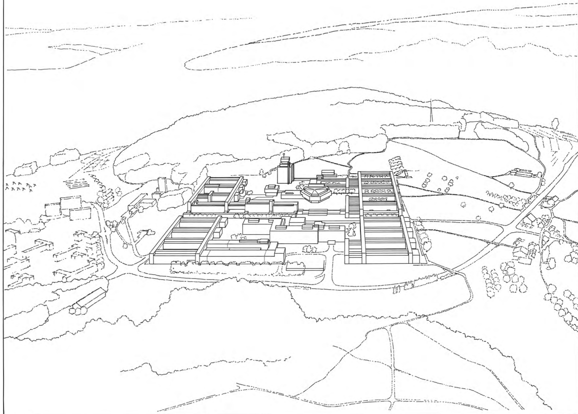
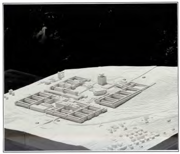
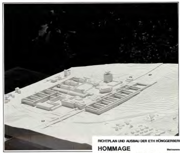
MODELL M 1 : 1000



RICHTPLAN UND AUSBAU DER ETH - HÖNGGERBERG
ÜBERARBEITUNG







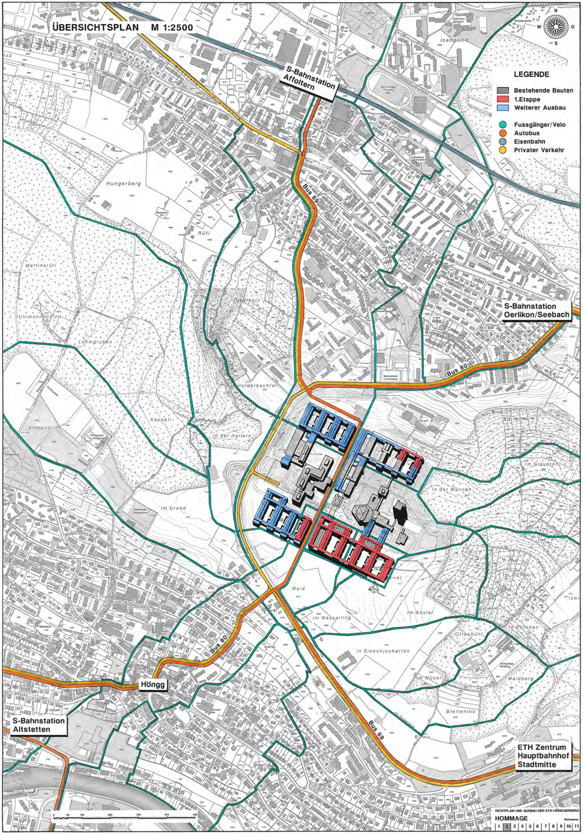
RICHTPLAN UND AUSBAU DER ETH HÖNGGERBER

HOMMAGE

Blattnumme

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

ÜBERSICHTSPLAN M 1:2500


N
W
O
S
LEGENDE
▨ Bestehende Bauten
🟥 1.Etappe
🟦 Weiterer Ausbau
● Fussgänger/Velo
● Autobus
● Eisenbahn
● Privater Verkehr
S-Bahnstation Affoltern
Isengrind
Asp
Bus 69
Hungerberg
Rüti
Martinsrüti
Uhlmannsholz
Lehmgruben
S-Bahnstation Oerlikon/Seebach
Bus 80
Holderbachtel
Kappeli
Allmend
In der Hallern
Im Glaubten
In der Wannen
Im Grund
Weid
Im Wasserling
Im Bösler
Im Eichholz
Im Rütenen
Ottenbühl
In Siebenjucharten
Im Müseli
Waldberg
Breitenloo
Höngg
Bus 80
S-Bahnstation Altstetten
Bus 69
ETH Zentrum Hauptbahnhof Stadtmitte
0
50
100
200
300
400
500

RICHTPLAN UND AUSBAU DER ETH HÖNGGERBERG

HOMMAGE

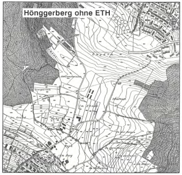
Blattnummer

1	2	3	4	5	6	7	8	9	10	11

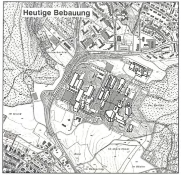
ERLÄUTERUNGSBERICHT

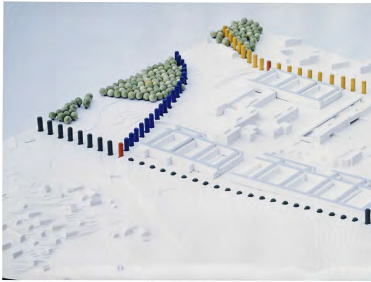
DIE ECKPUNKTE DER BAULICHEN ENTWICKLUNG

Hönggerberg ohne ETH



Heutige Bebauung

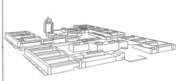




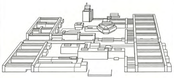
● Begrenzung von Wald zu Wald

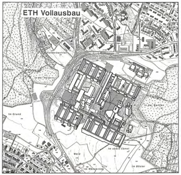
● Hangkante Nord

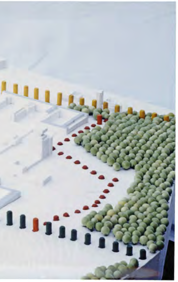
Bauliche Begrenzung Nord und West



Begrenzung West

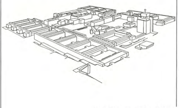



ETH Vollausbau
Holderbach
Im Grund
der Wann
Im obern Ebnet
Im Böster
Wald



● Wasserscheide Holderbach

Begrenzung Süd und Nord



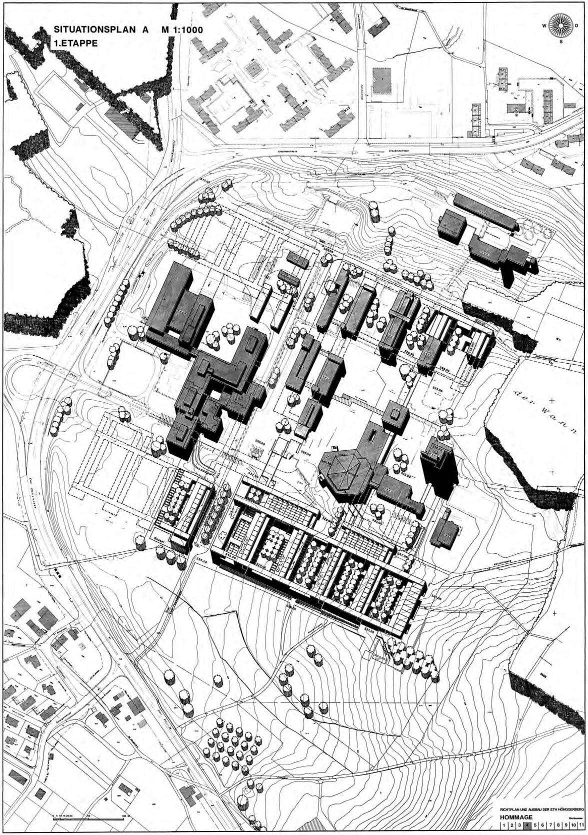
RICHTPLAN UND AUSBAU DER ETH HÖNGGERBERG

HOMMAGE

Blattnummer

1 2 3 4 5 6 7 8 9 10 11

SITUATIONSPLAN A M 1:1000
1.ETAPPE


W
O
S
der Wann
Glaubtenstrasse
0 5 10 15 20 25 50 100 M

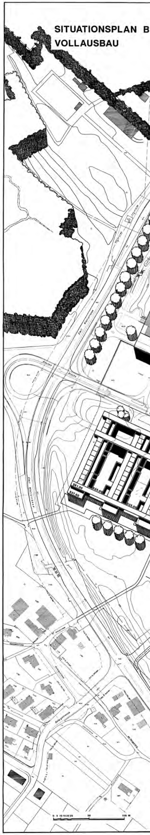
RICHTPLAN UND AUSBAU DER ETH HÖNGGERBERG

HOMMAGE

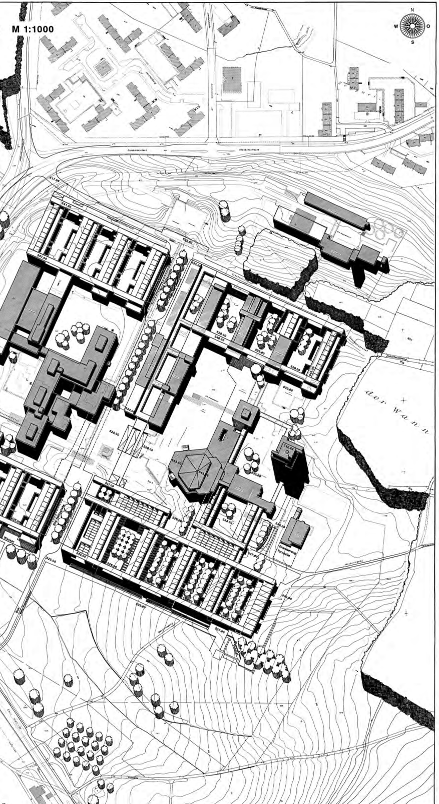
Blattnummer

1 2 3 4 5 6 7 8 9 10 11

SITUATIONSPLAN B
VOLLAUSBAU


0 5 10 15 20 25 50 100 M

M 1:1000


N
W
O
S
der Wann
Erweiterung Turnhalle
Wasser

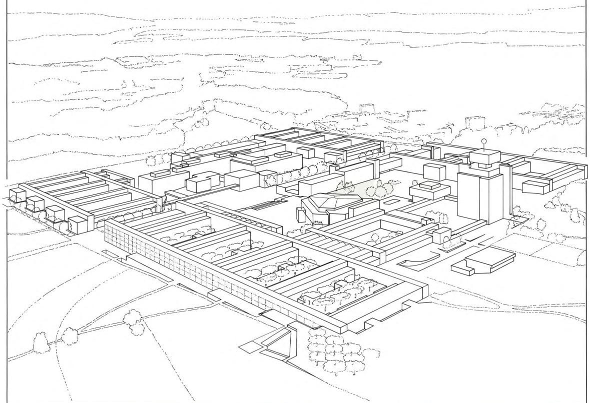
RICHTPLAN UND AUSBAU DER ETH HÖNGGERBERG

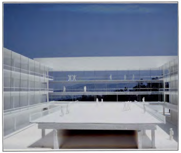
HOMMAGE

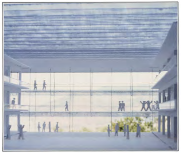
Blattnummer

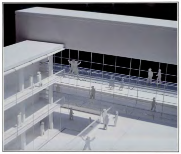
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11

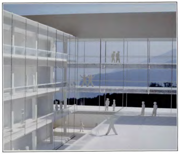
DIE INNEREN FREIRÄUME
PERSPEKTIVE VON SO

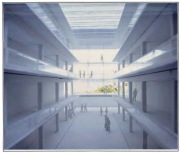










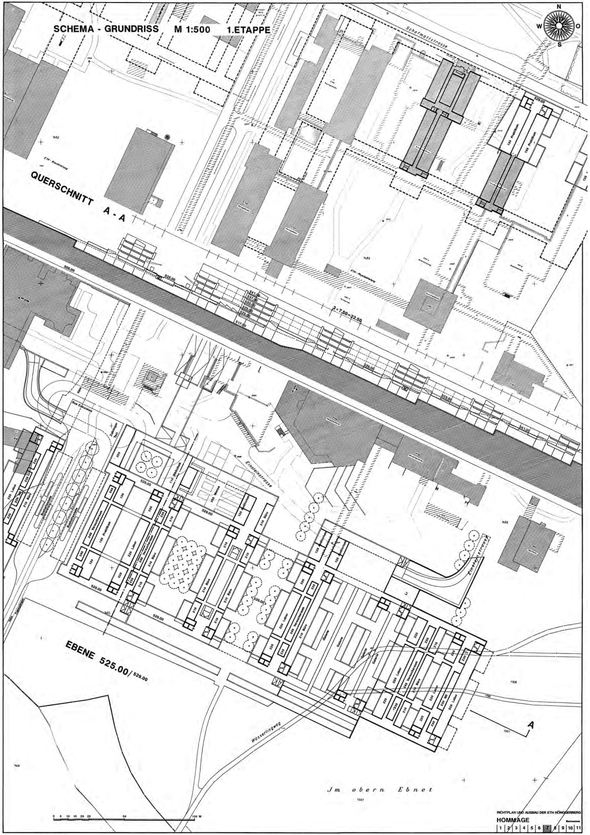


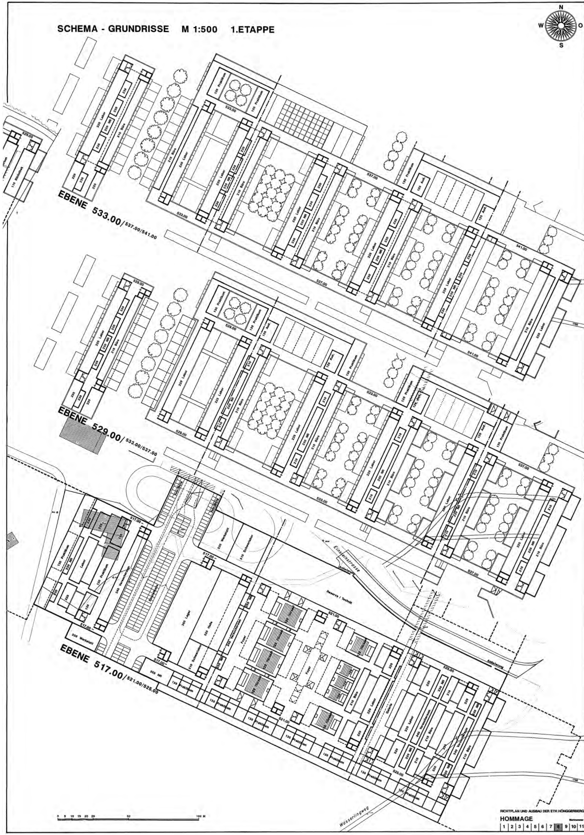
RICHTPLAN UND AUSBAU DER ETH HÖNGGERBERG

HOMMAGE

Blattnummer

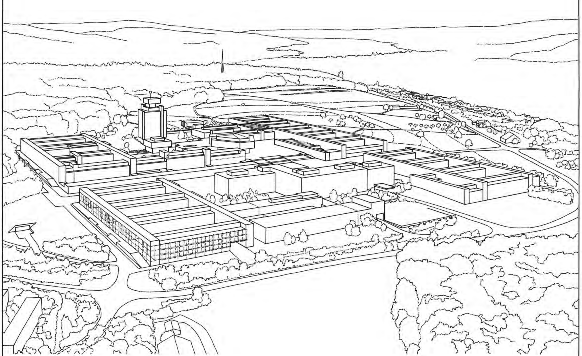
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11


SCHEMA - GRUNDRISS M 1:500 1.ETAPPE
N
W
O
S
Schafmattstrasse
QUERSCHNITT A - A
ETH - Physikgebäude
Einsteinstrasse
3 × 7.50=22.50
541.00
537.00
533.00
529.00
525.00
517.00
500.00
EBENE 525.00/529.00
Wasserlingweg
A
Jm obern Ebnet
0 5 10 15 20 25 50 100 M
RICHTPLAN UND AUSBAU DER ETH HÖNGGERBERG
HOMMAGE
1 2 3 4 5 6 7 8 9 10 11

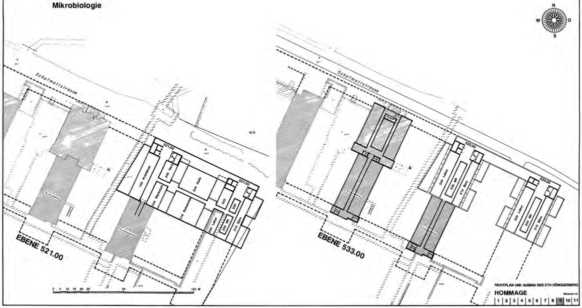

SCHEMA - GRUNDRISSE M 1:500 1.ETAPPE
N
W
O
S
EBENE 533.00/537.00/541.00
EBENE 529.00/533.00/537.00
EBENE 517.00/521.00/525.00
Einsteinstrasse
Wasserlingweg
Reserve / Technik
0 5 10 15 20 25 50 100 M
RICHTPLAN UND AUSBAU DER ETH HÖNGGERBERG
HOMMAGE
1 2 3 4 5 6 7 8 9 10 11

SCHEMA - GRUNDRISSE M 1:500 1.ETAPPE

PERSPEKTIVE VON NW



Mikrobiologie


N
W
O
S
Schafmattstrasse
Schafmattstrasse
EBENE 521.00
EBENE 533.00
521.00
521.00
533.00
533.00
130 Praktikum
340 Vers.
320 Halle
330 Werkstatt
310 Schwerlab
220
230
220 Labor
230 NR
210 Büro
1575
0 5 10 15 20 25
50
100 M

RICHTPLAN UND AUSBAU DER ETH HÖNGGERBERG

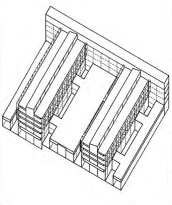
HOMMAGE

1	2	3	4	5	6	7	8	9	10	11

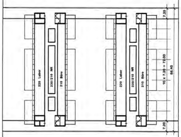
BERICHT: BAU- UND RAUMTYPEN

NUTZFLÄCHEN: LABOR / BÜRO

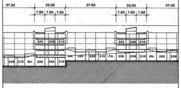
Axonometrie



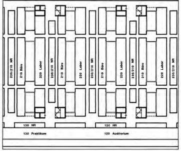
Obergeschoss


220 Labor
230/210 NR
210 Büro
7.20
10 x 7.20 = 72.00
86.40

Querschnitt

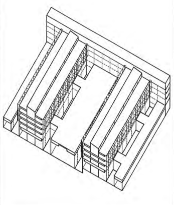

37.50
22.50
37.50
22.50
37.50
7.50
220
230
210
Atr.

Untere Hofebene / Atriumgeschoss

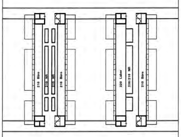

230/210 NR
210 Büro
220 Labor
130 NR
130 Praktikum
120 NR
120 Auditorium

LABOR / BÜRO UND HALLE

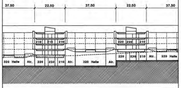
Axonometrie



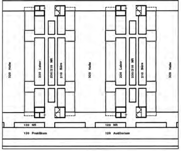
Obergeschoss


210 Büro
210 NR
220 Labor
230/210 NR

Querschnitt

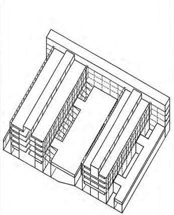

37.50
22.50
37.50
22.50
37.50
210
220
230
320 Halle
Atr.

Untere Hofebene

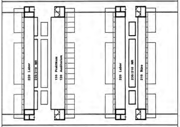

320 Halle
220 Labor
230/210 NR
210 Büro
130 NR
130 Praktikum
120 NR
120 Auditorium

LABOR / BÜRO UND HÖRSAAL

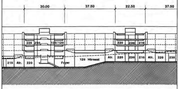
Axonometrie



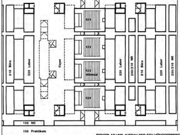
Obergeschoss


220 Labor
230/210 NR
130 Praktikum
120 Auditorium
220 Labor
230/210 NR
210 Büro

Querschnitt


30.00
37.50
22.50
37.50
220
230
120/120
220
230
210
210
Atr.
220
Foyer
120 Hörsaal
Atr.
220
230
210
Atr.
220
230

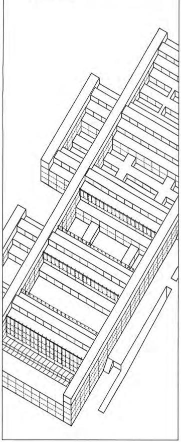
Untere Hofebene / Foyer


210 Büro
220 Labor
Foyer
120
120
120 Hörsaal
120
220 Labor
230/210 NR
210 Büro
220 Labor
230/210 NR
130 NR
130 Praktikum

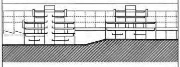
RICHTPLAN UND AUSBAU DER ETH HÖNGGERBERG
HOMMAGE
Blattnummer
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11

BERICHT: INNERE FLEXIBILITÄT
VERGLEICHSPROJEKTE BEI GLEICHBLEIBENDEM AUSSENPERIMETER

Axonometrie



Querschnitt



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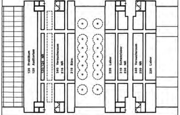
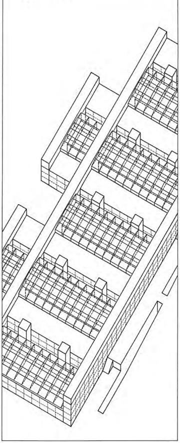
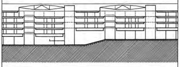

130 Praktikum
120 Auditorium
130/120 NR
340 Versuchsraum
210 NR
210 Büro
220 Labor
310 Schwerlabor
230 NR
340 Versuchsraum
230 NR
220 Labor

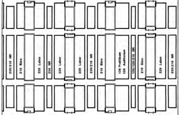
Axonometrie



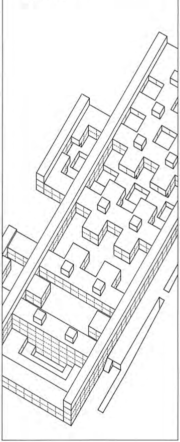
Querschnitt



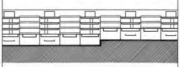
Obergeschoss


230/210 NR
210 Büro
220 Labor
230 NR
220 Labor
220 Labor
230/210 NR
210 Büro
130 Praktikum
120 Auditorium
130/120/210 NR
210 Büro
220 Labor
230/210 NR

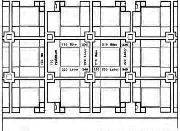
Axonometrie



Querschnitt



Obergeschoss


130 NR
130 Praktikum
210 Büro
230
220 Labor
220 Labor
340
210 Büro
230
230
220 Labor
220 Labor
340

RICHTPLAN UND AUSBAU DER ETH HÖNGGERBERG
HOMMAGE
Blattnummer
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11