

RENOVATION  
SAXEN WEIMARLAAN 37  
AMSTERDAM

PERMIT APPLICATION  
GEMEENTE AMSTERDAM  
JULY 2017

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keijzer**

architect // historian

Date 6th of July 2017

<b>PROJECT</b>	Renovation House
Client	Joel and Linda Van Arsdale
Address	Valeriusstraat 217-2 hoog 1075 EZ Amsterdam
Email	lynjenks@gmail.com

Architect	drs. ir. F. Keijzer
Structural engineer	ir. A. Grentzius Duyts Bouwconstructies BV
Contractor	-

Scale	
Drawing	F. Keijzer
Phase	Final design
Draft	A3_02

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## TABLE OF CONTENT

DRAWING	SITUATION	SCALE	PAGE
location	existing/new	1:500	03
plan basement	existing + new	1:75	04
plan ground floor	existing + new	1:75	05
plan first floor	existing + new	1:75	06
plan second floor	existing + new	1:75	07
plan roof	existing + new	1:60	08
plan garden	existing + new	1:75	09
section A-B	existing situation	1:60	10
section A-B	new situation	1:60	11
section C-D	existing situation	1:60	12
section C-D	new situation	1:60	13
section E-F	existing situation	1:60	14
section E-F	new situation	1:60	15
side facade	existing situation	1:60	16
side facade	new situation	1:60	17
front facade	existing situation	1:60	18
pictures facades	existing situation	-	19
details wolf pit	new situation	1:50	20
details sous window	new situation	1:50	21
details roof window	new situation	1:50	22

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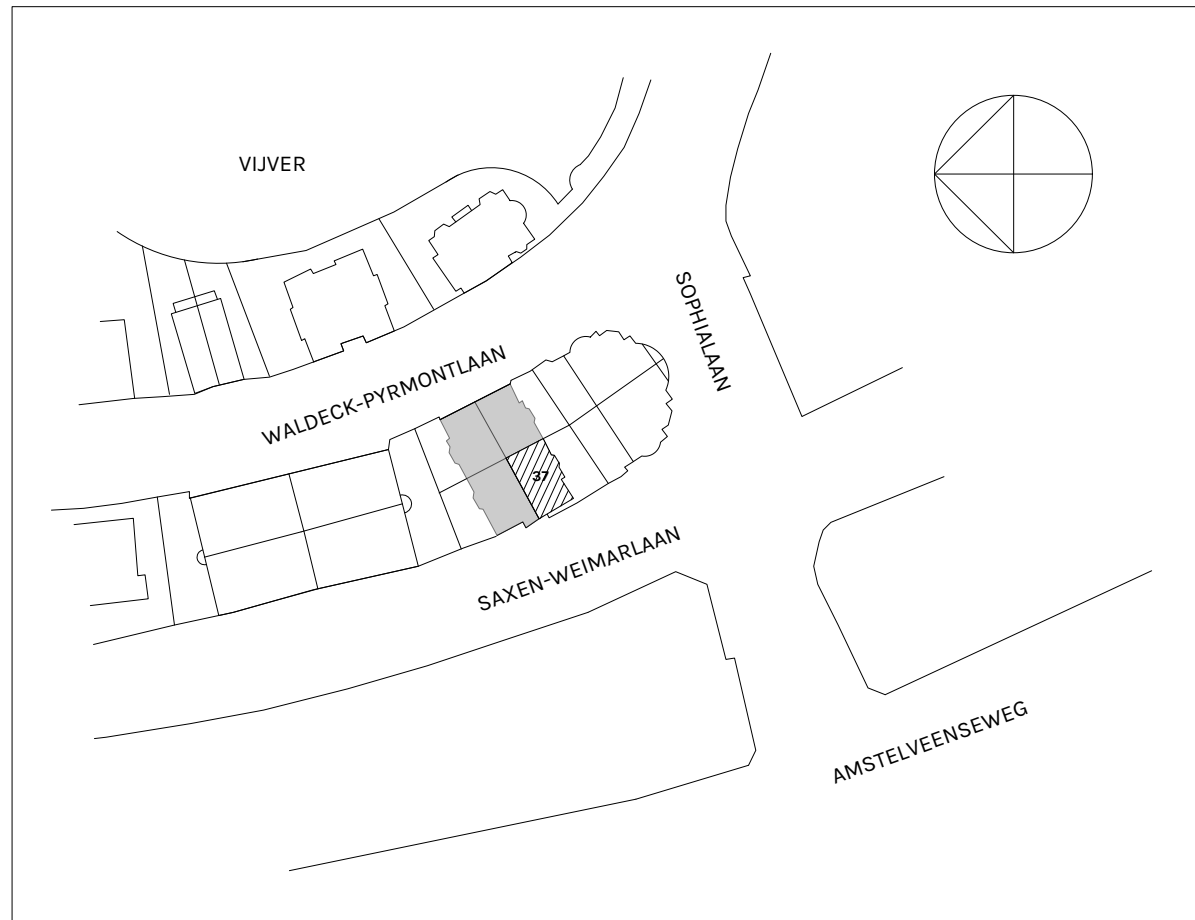
Date 6th of July 2017 PAGE 02

<b>PROJECT</b>	<b>Renovation House</b>	Architect	drs. ir. F. Keijzer
Client	Joel and Linda Van Arsdale	Structural engineer	ir. A. Grentzius
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Email	lynjenks@gmail.com		

Scale	
Drawing	F. Keijzer
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LOCATION HOUSE  
SAXEN WEIMARLAAN 37  
AMSTERDAM



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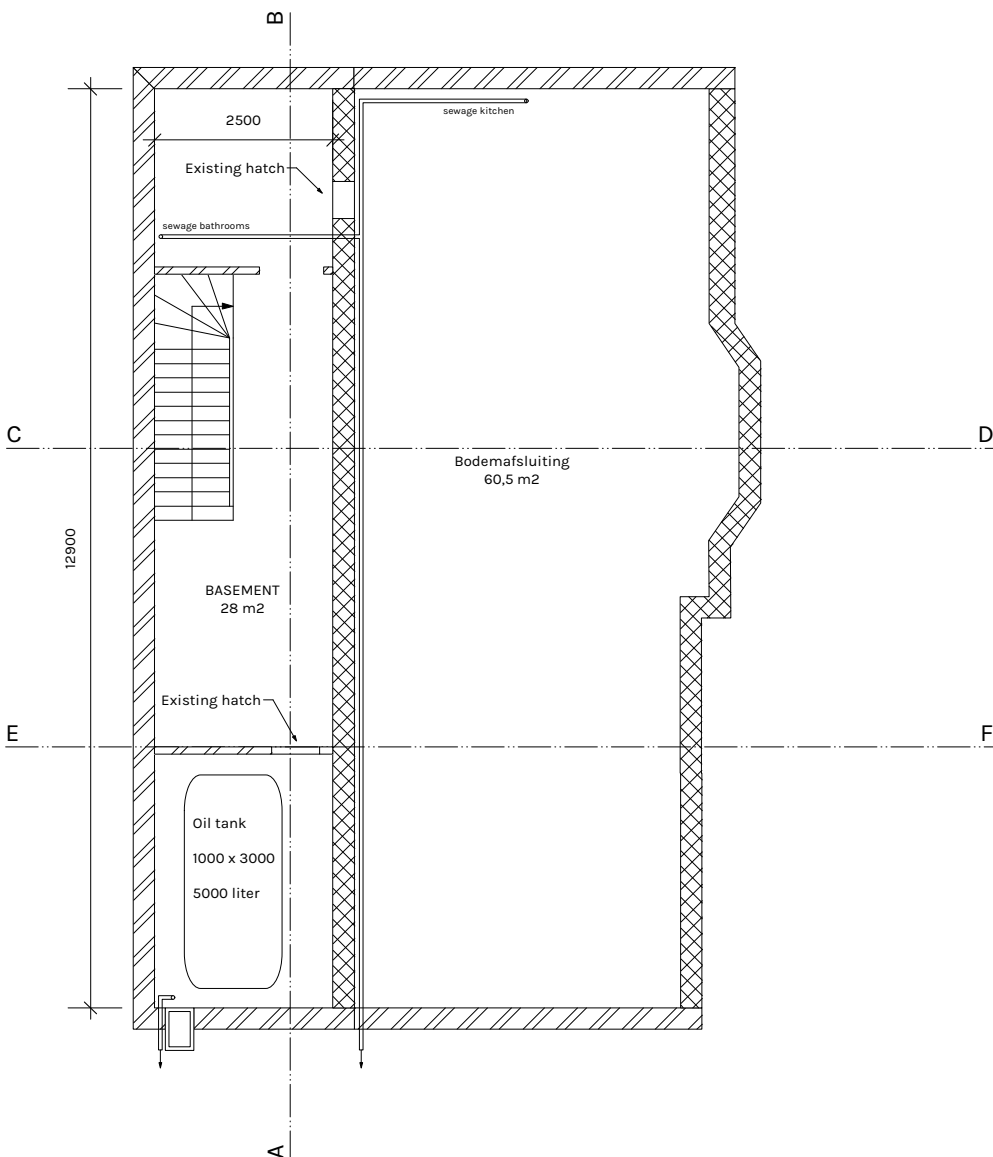
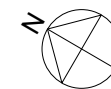
Date 6th of July 2017 PAGE 03

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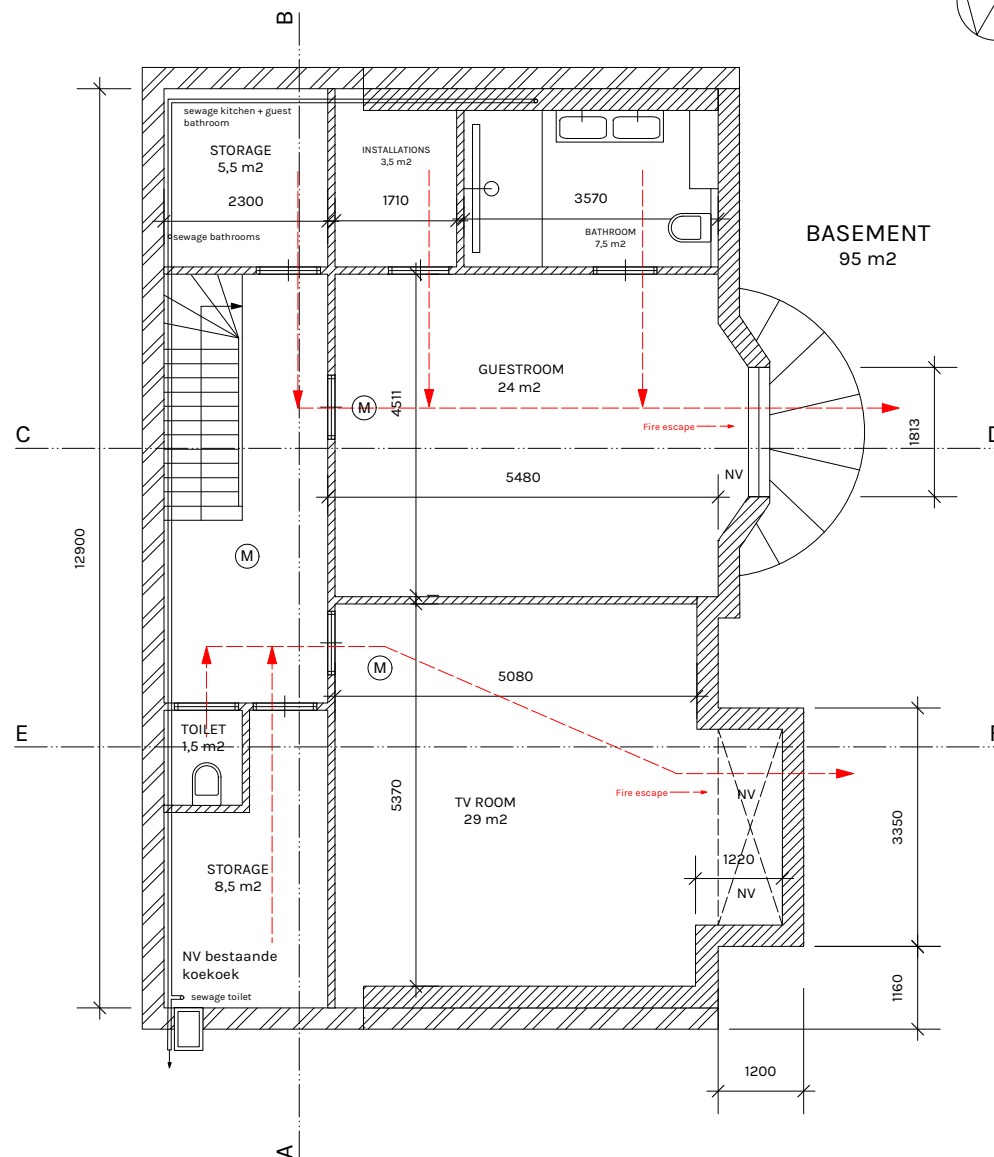
Architect drs. ir. F. Keijzer  
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Drawing F. Keijzer  
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**BASEMENT // EXISTING SITUATION**



**BASEMENT // NEW SITUATION**

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**PROJECT** Renovation House

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-

Scale 1:75  
Drawing F. Keijzer  
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**LEGANDA**

- Existing wall
- New wall
- Demolish wall

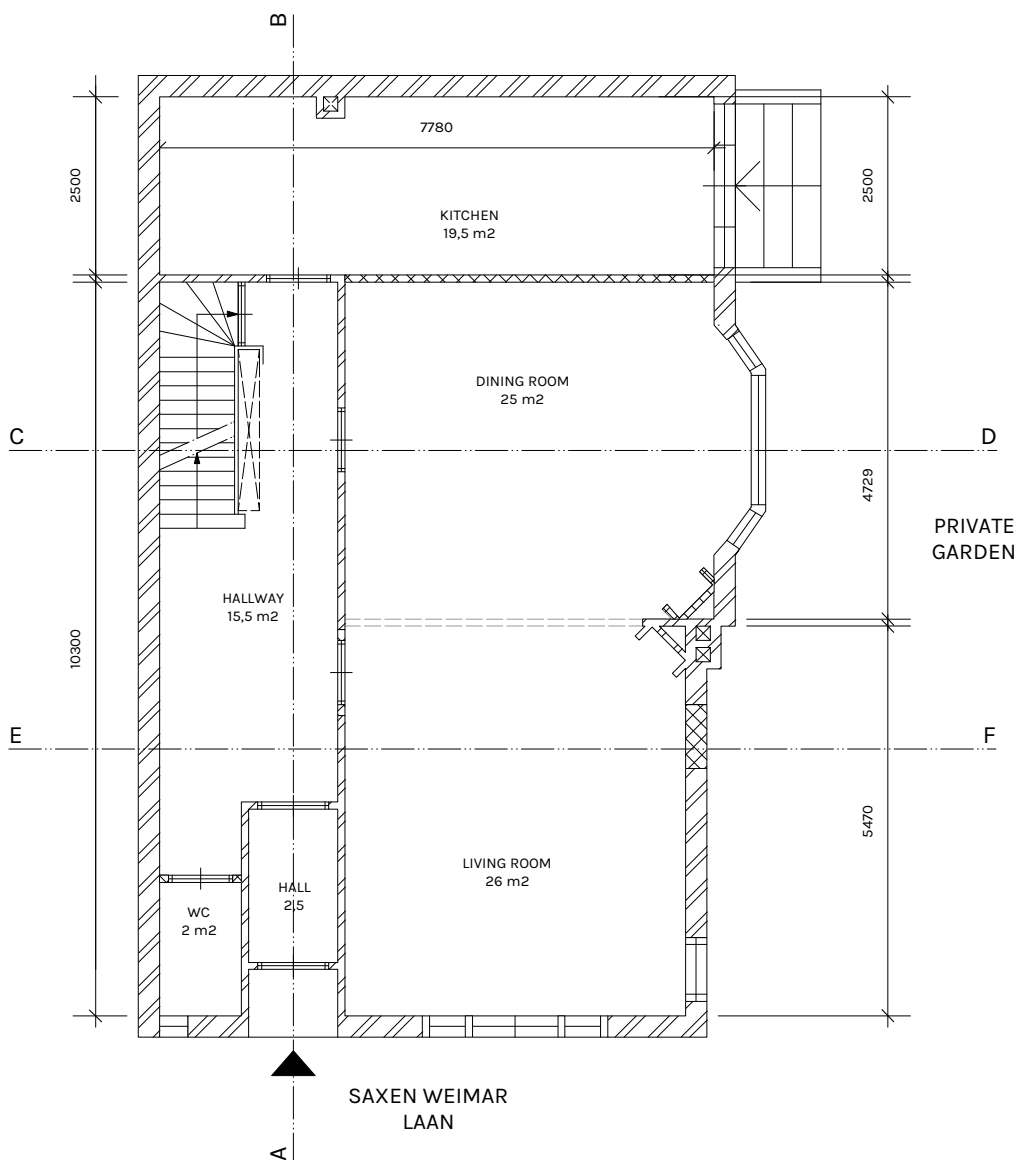
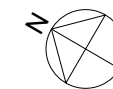


Fire alarm

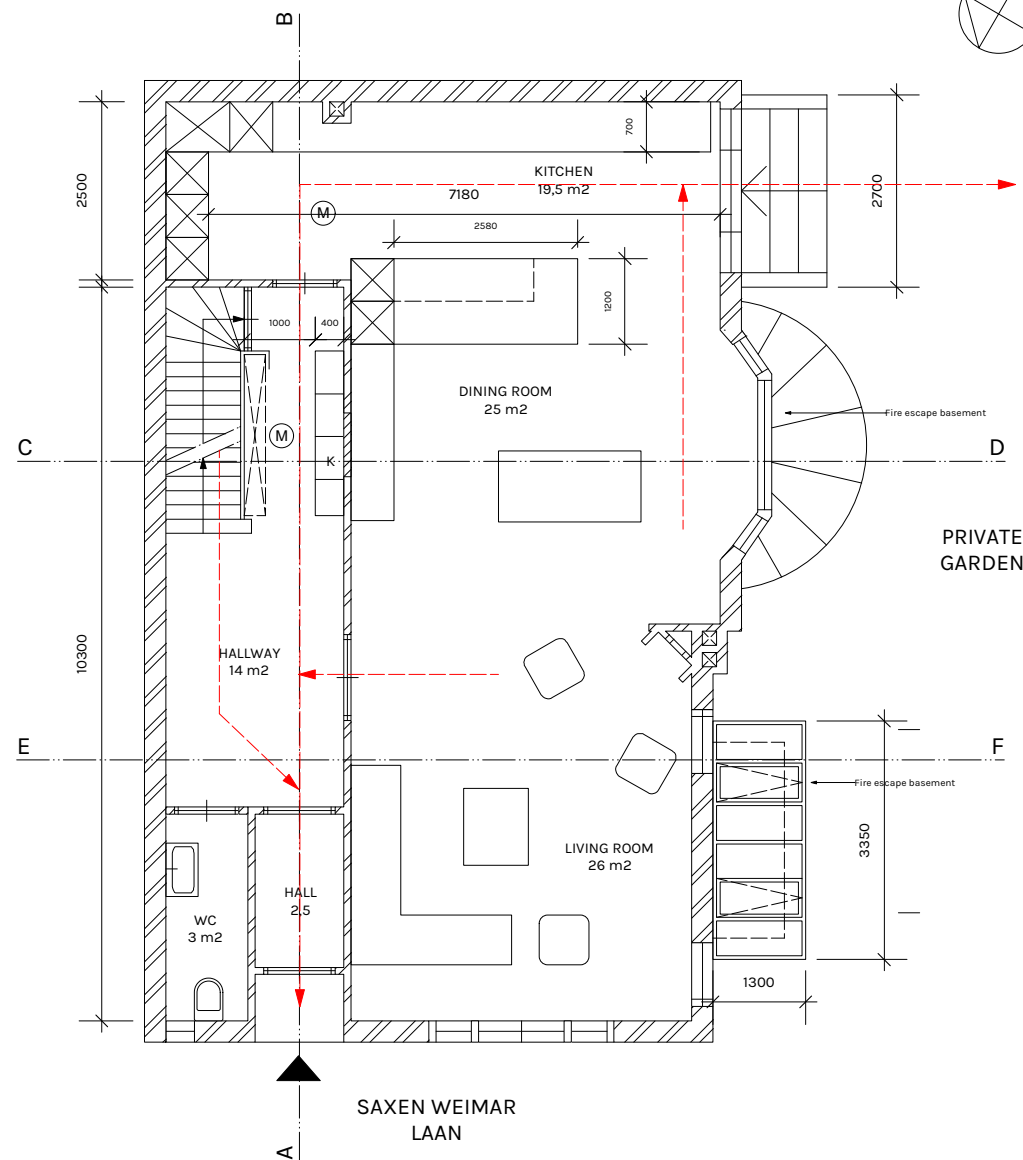


Fire route

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GROUND FLOOR // EXISTING SITUATION



GROUND FLOOR // NEW SITUATION

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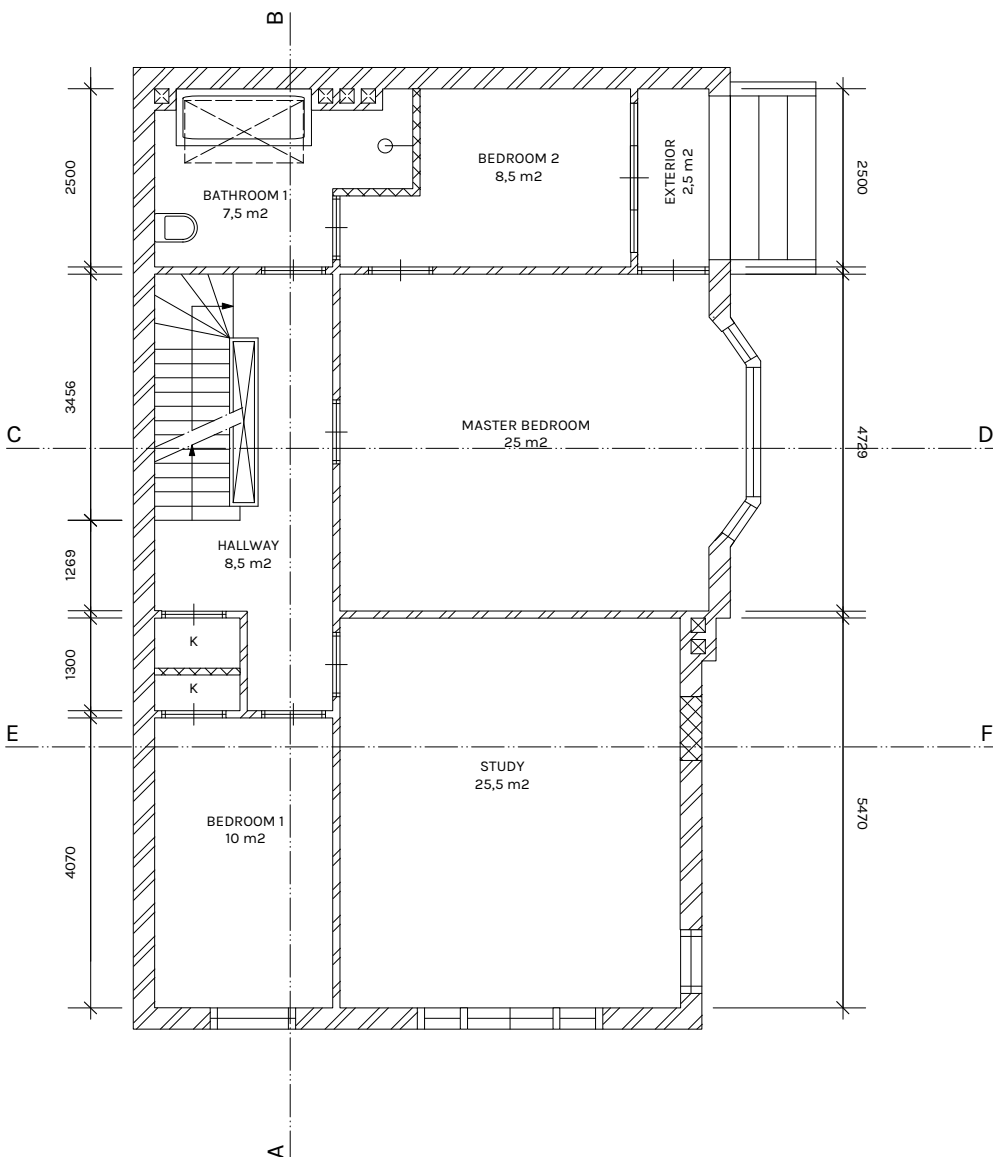
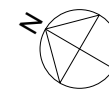
LEGANDA

- Existing wall
- New wall
- Demolish wall

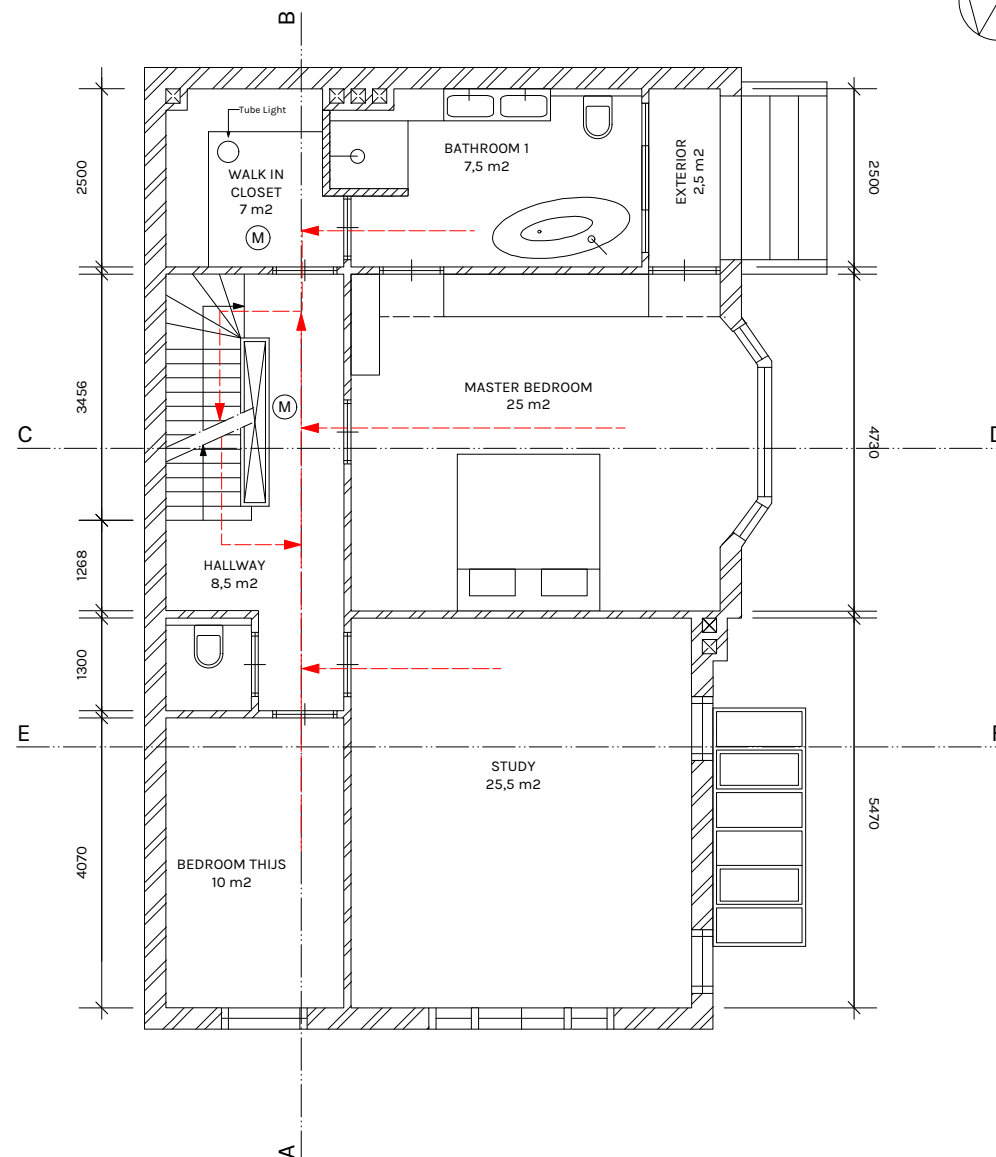
(M) Fire alarm

Fire route

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FIRST FLOOR // EXISTING SITUATION



FIRST FLOOR // NEW SITUATION

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-

Scale 1:75  
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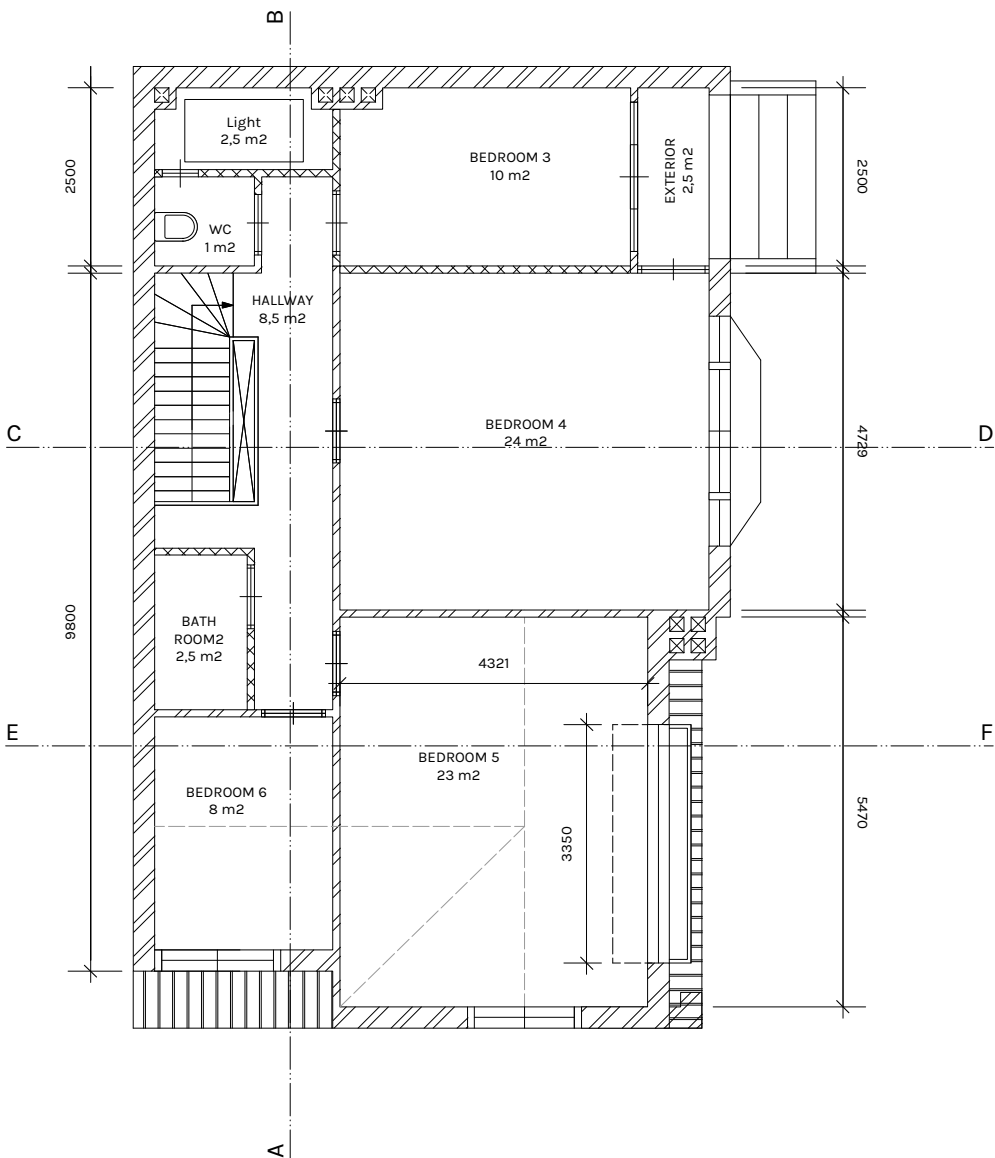
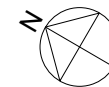
LEGANDA

- Existing wall
- New wall
- Demolish wall

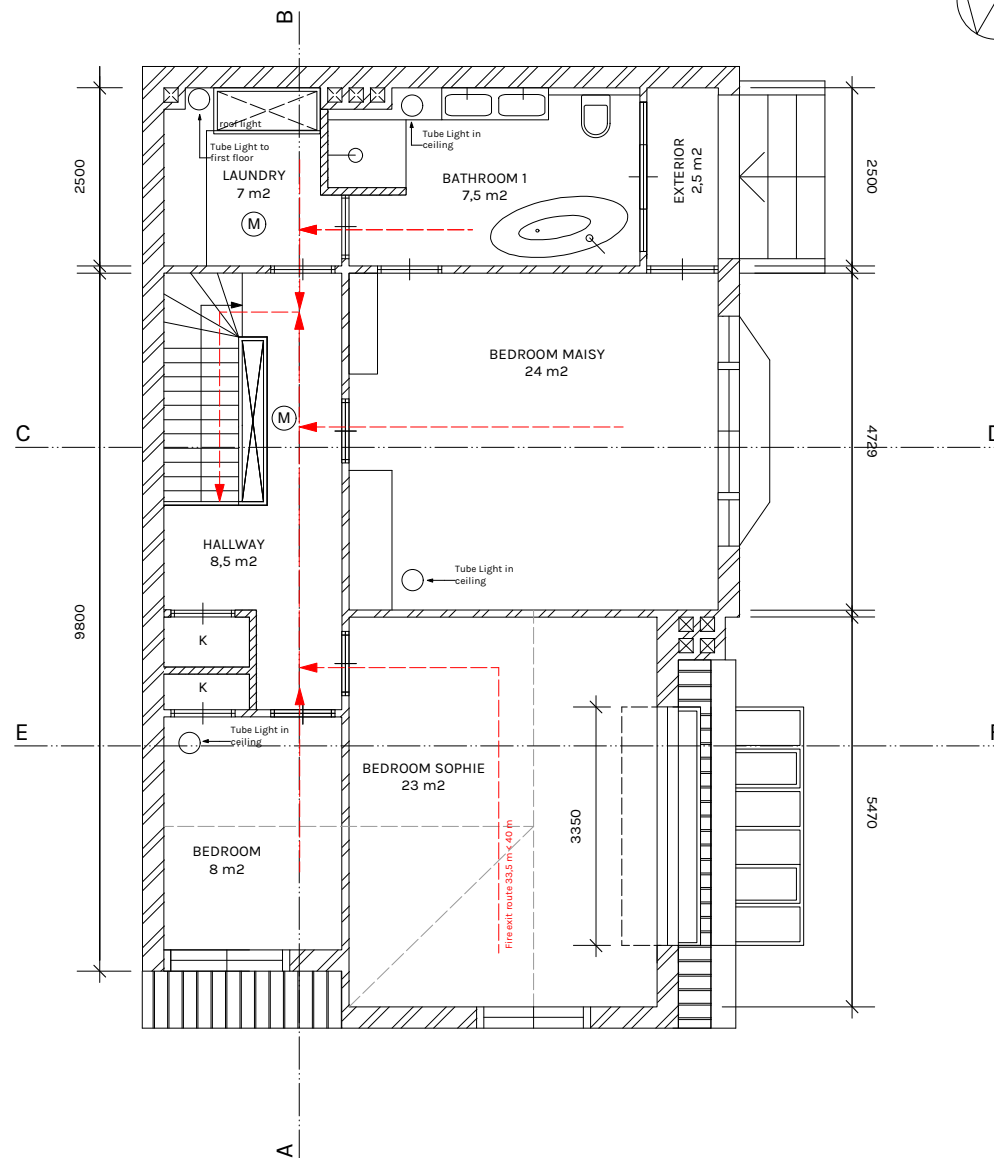
(M) Fire alarm

Fire route

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SECOND FLOOR // EXISTING SITUATION



SECOND FLOOR // NEW SITUATION

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Duyts Bouwconstructies BV

Contractor -

Scale

1:75

Drawing

F. Keijzer

Phase

Final design

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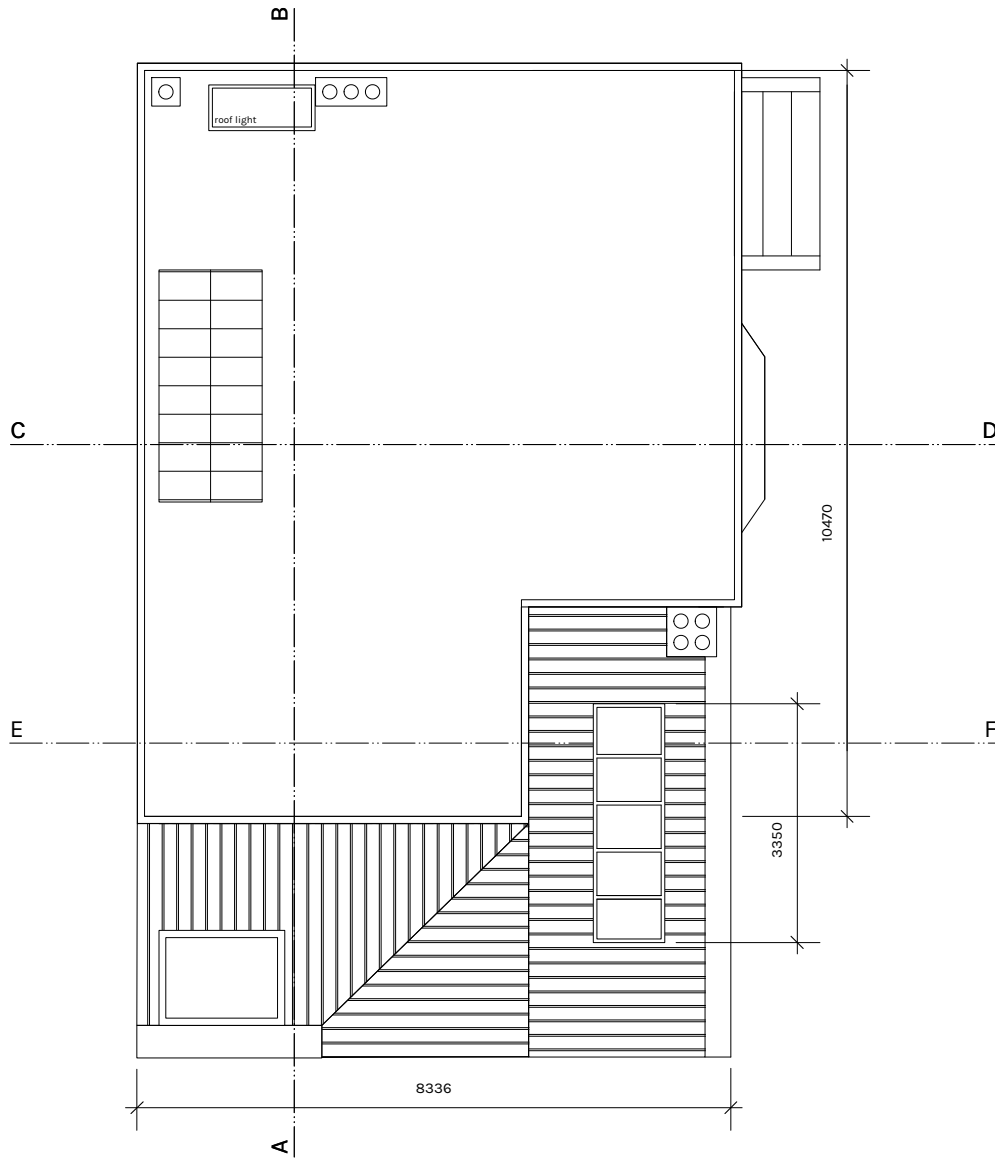
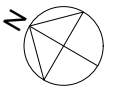
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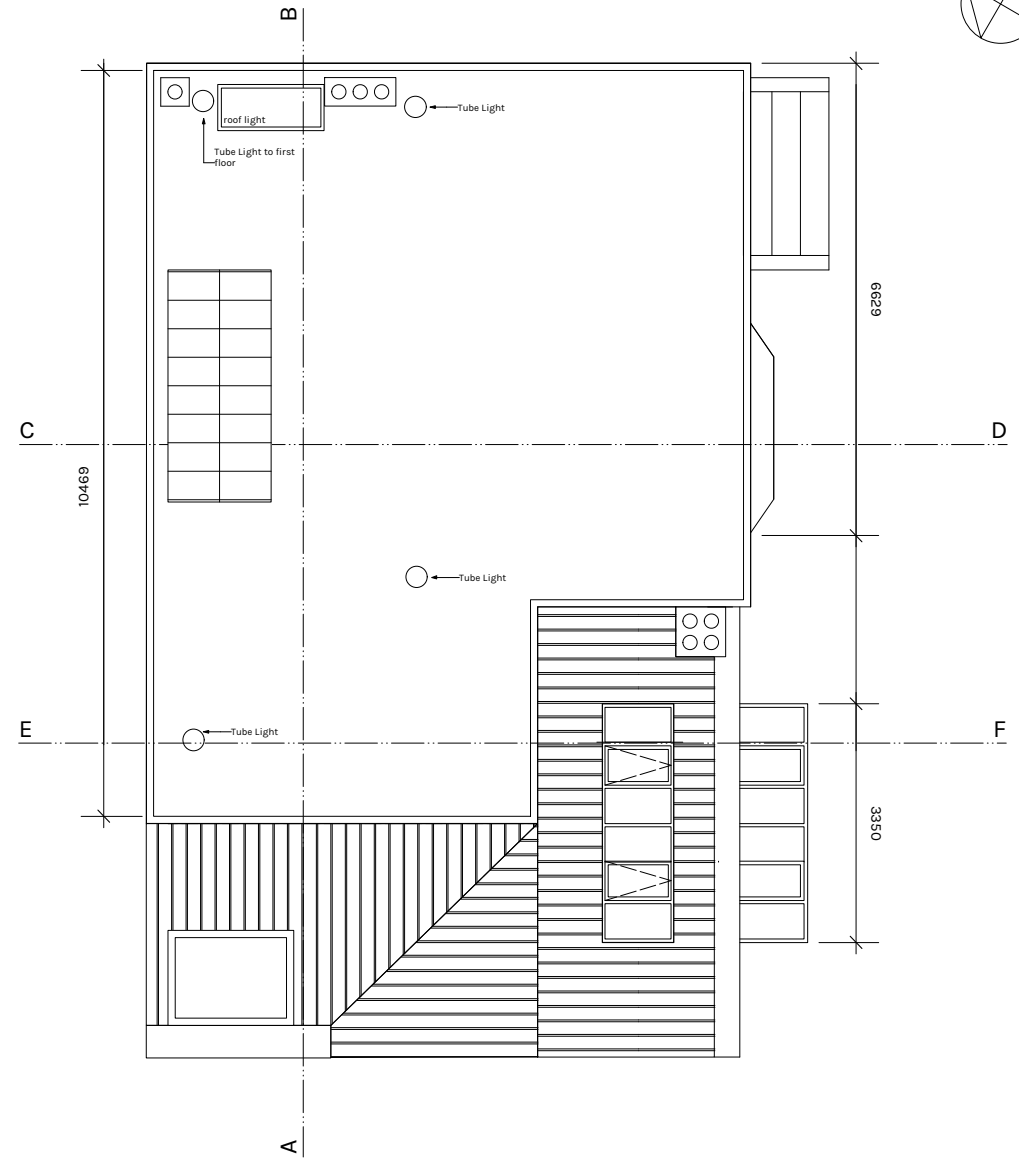
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ROOF // EXISTING SITUATION



ROOF // NEW SITUATION

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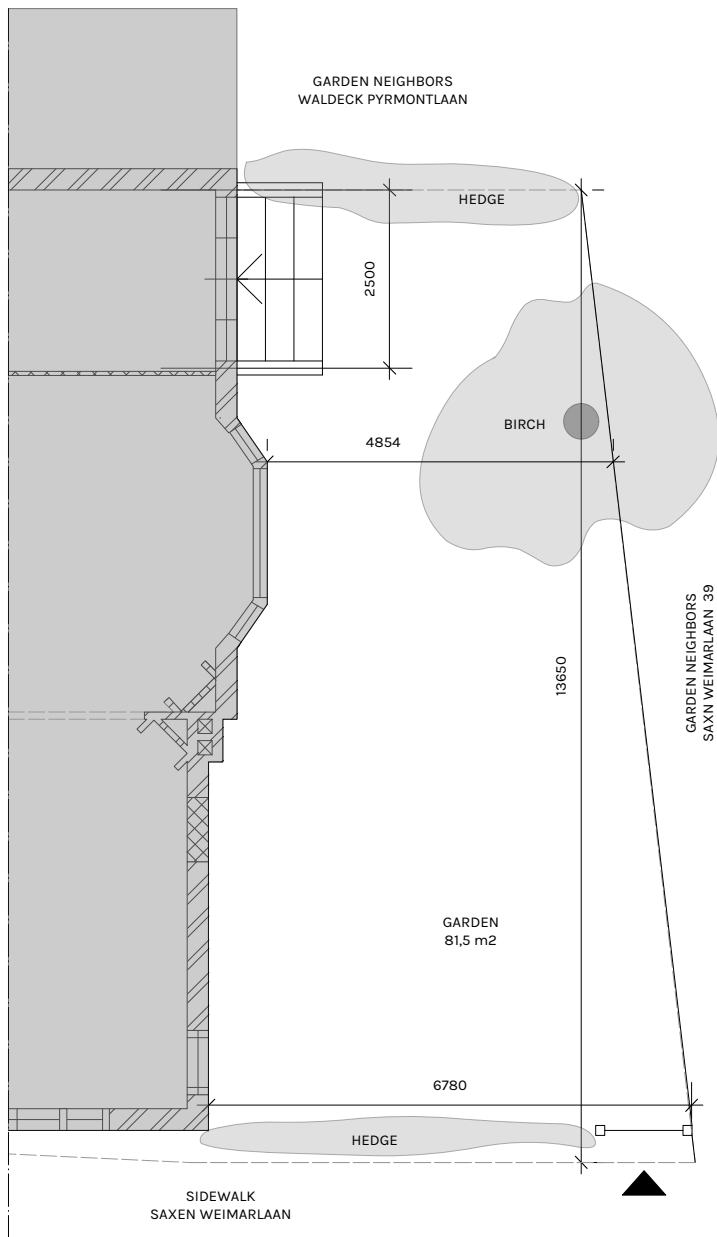
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Contractor Duyts Bouwconstructies BV  
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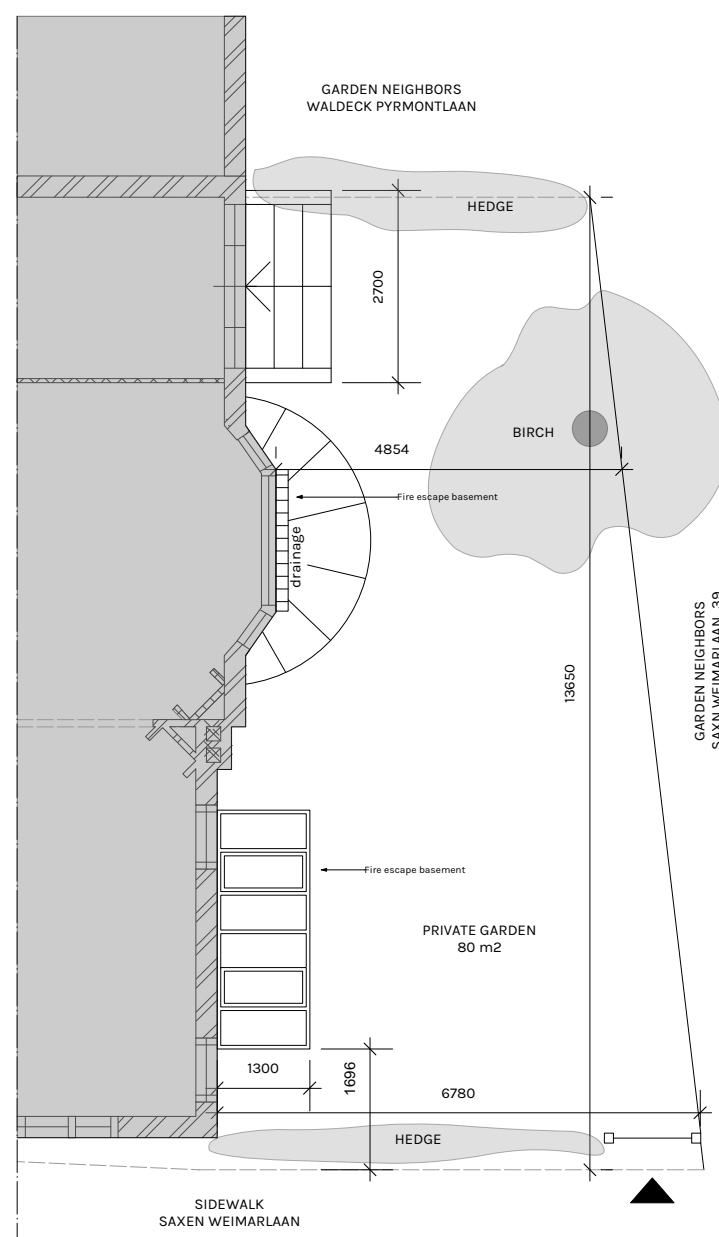
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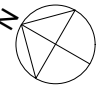




**GARDEN // EXISTING SITUATION**



**GARDEN // NEW SITUATION**



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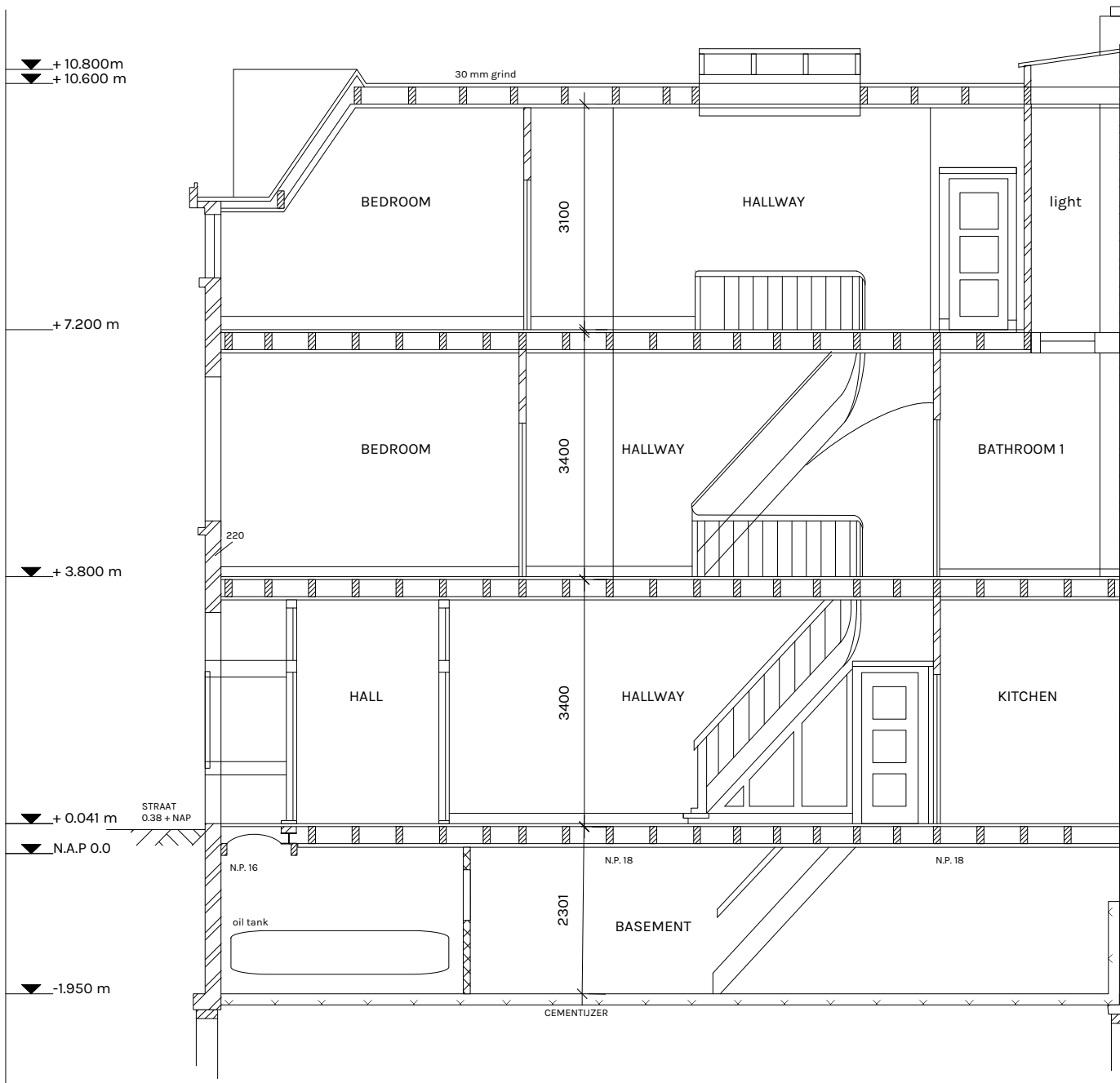
Date 6th of July 2017 PAGE 09

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**SECTION A-B //**  
**EXISTING SITUATION**

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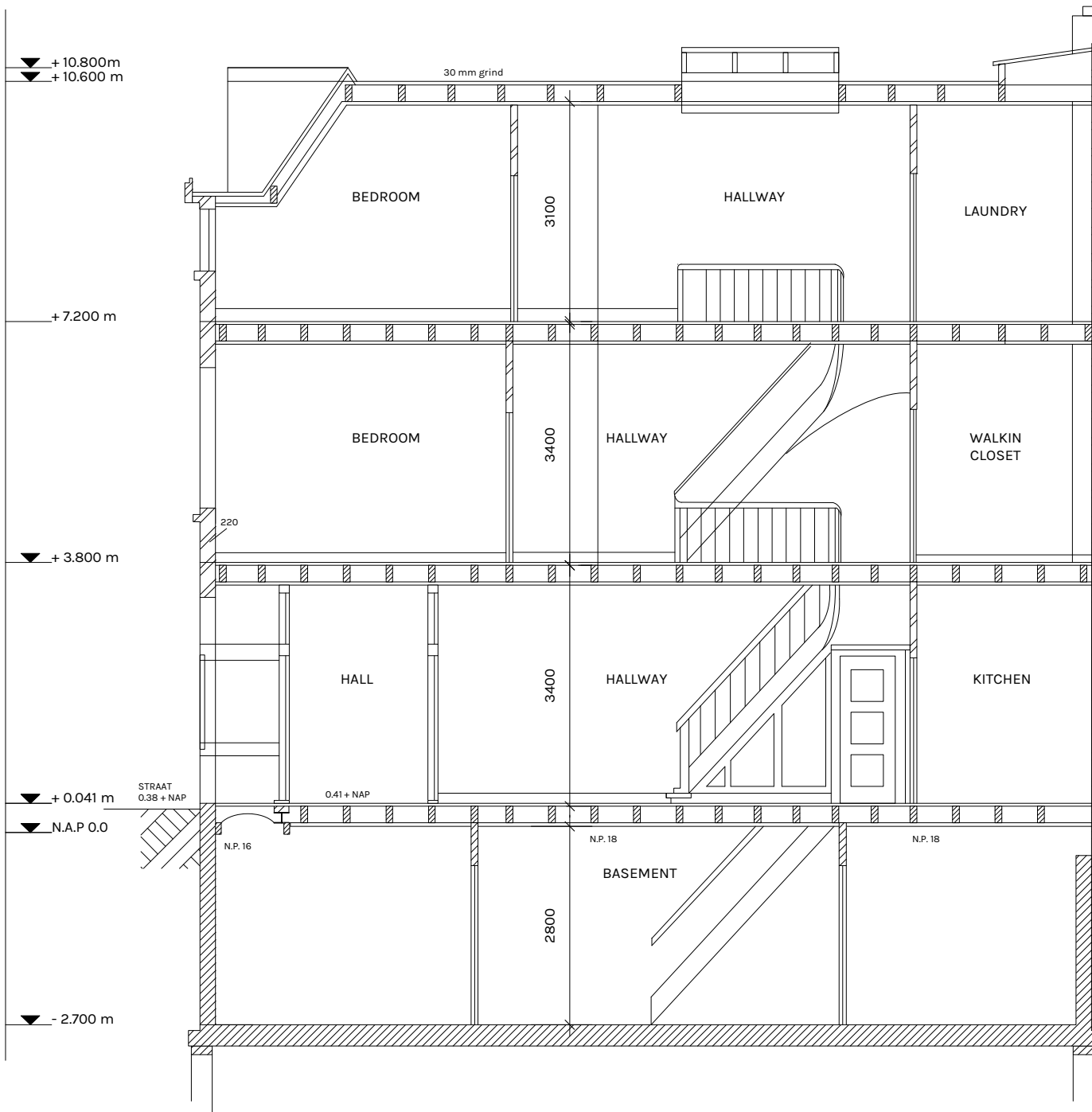
Date 6th of July 2017 PAGE 10

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Scale 1:60  
Drawing F. Keijzer  
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## SECTION A-B //

### NEW SITUATION

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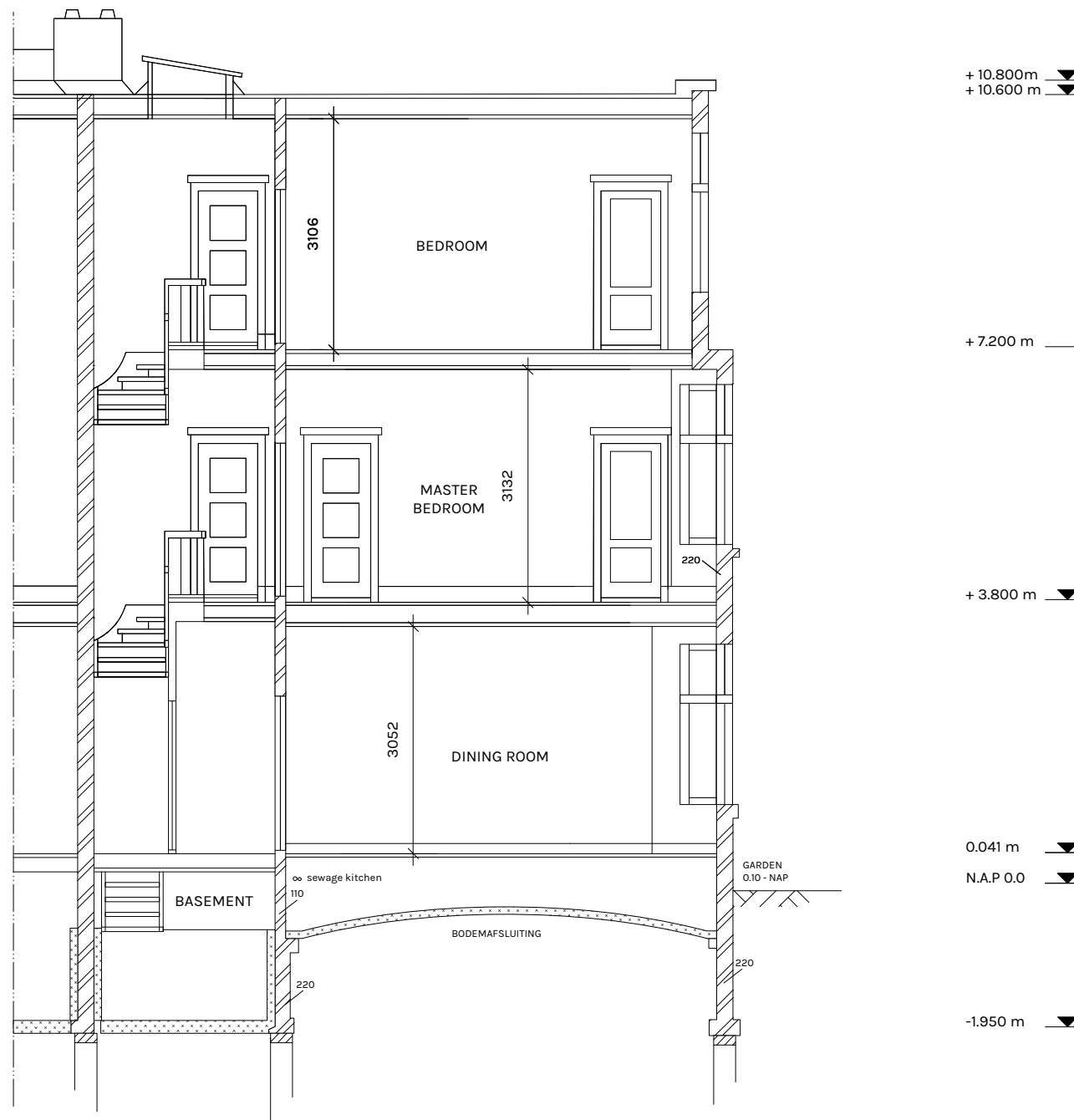
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Phase Final design  
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# SECTION C-D // EXISTING SITUATION



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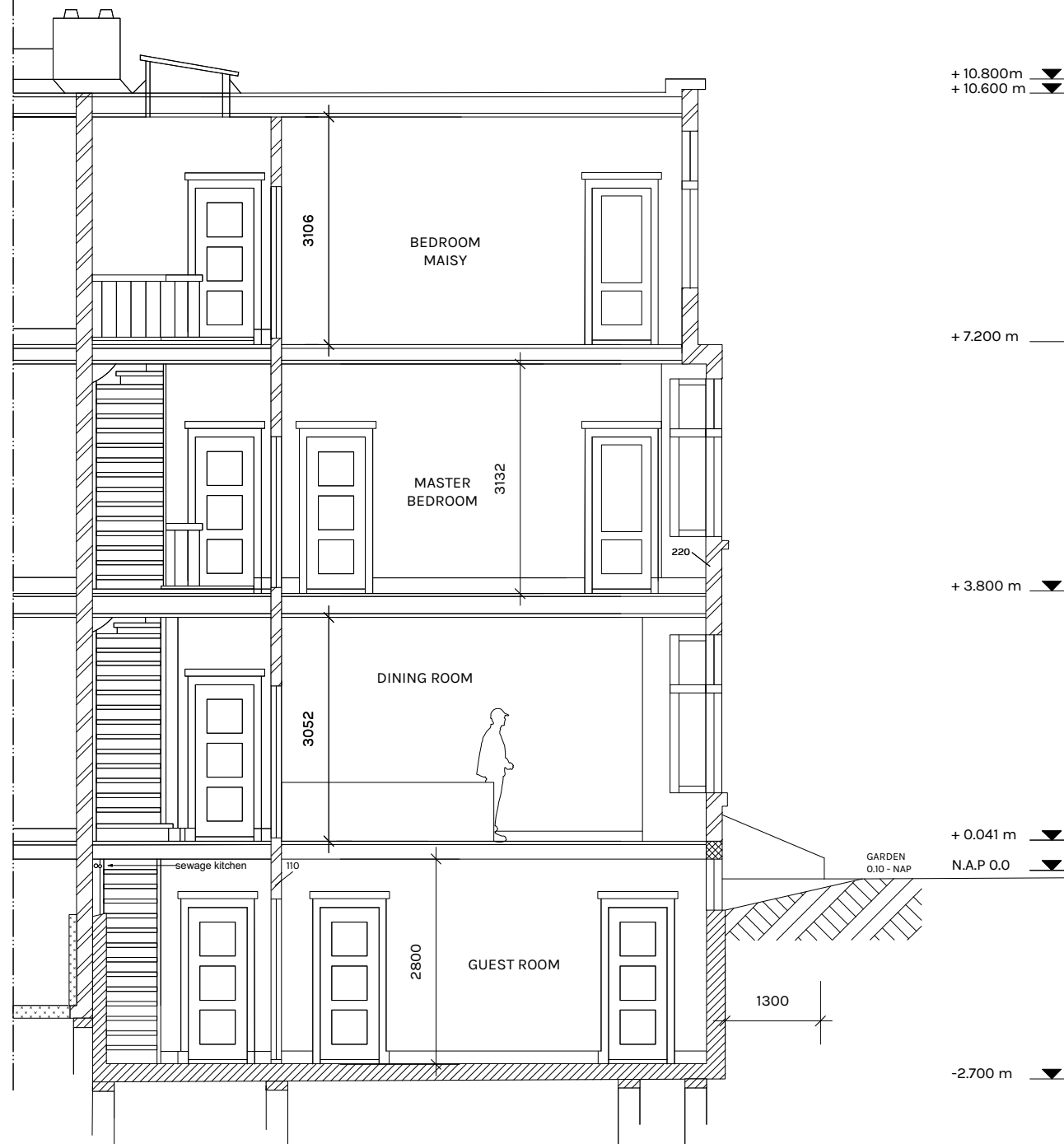
PROJECT	Renovation House
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Contractor	Duyts Bouwconstructies BV
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Scale	1:60
Drawing	F. Keijzer
Phase	Final design
Draft	A3_02

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# SECTION C-D // NEW SITUATION



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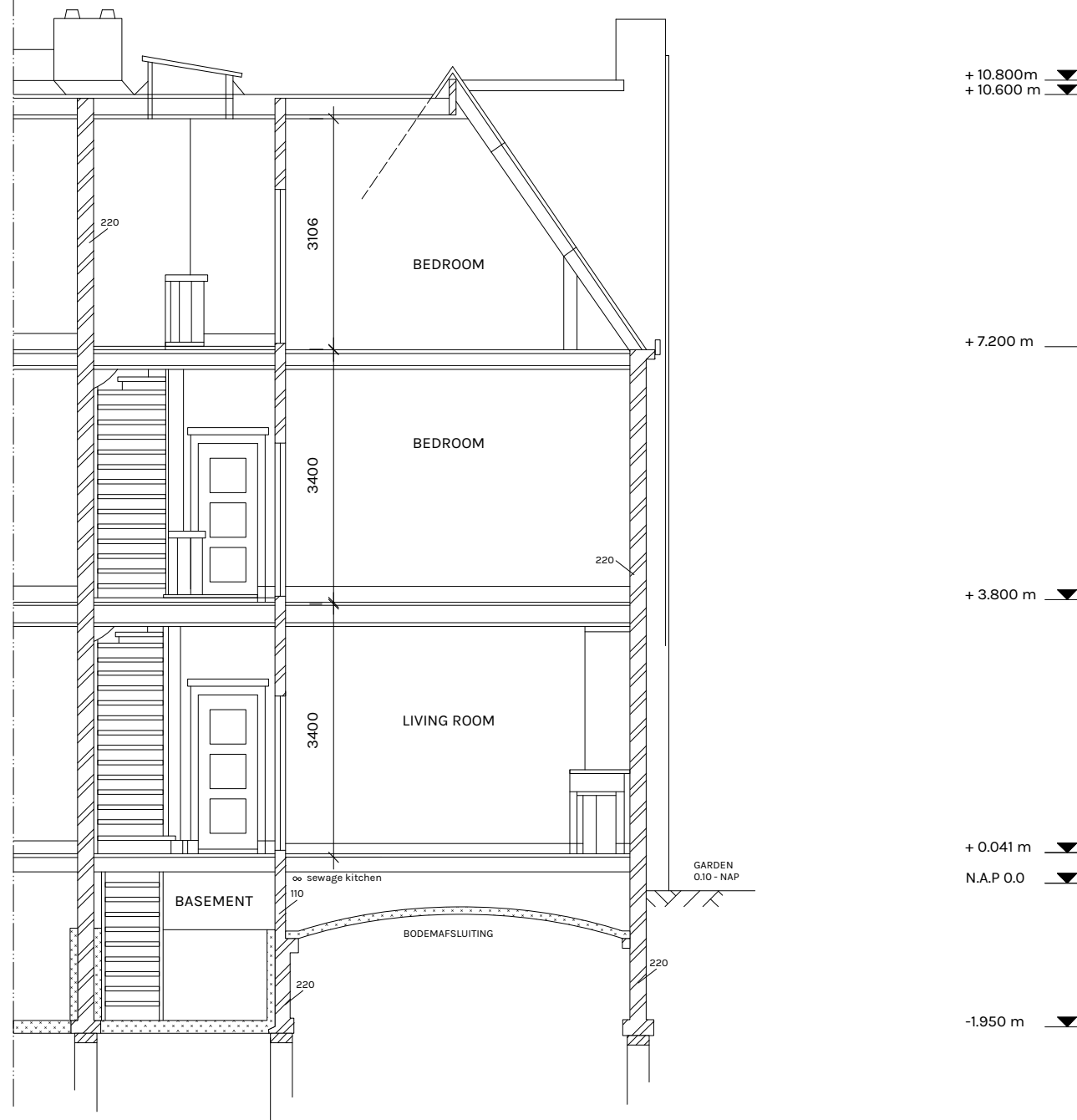
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Scale	1:60
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# SECTION E-F // EXISTING SITUATION



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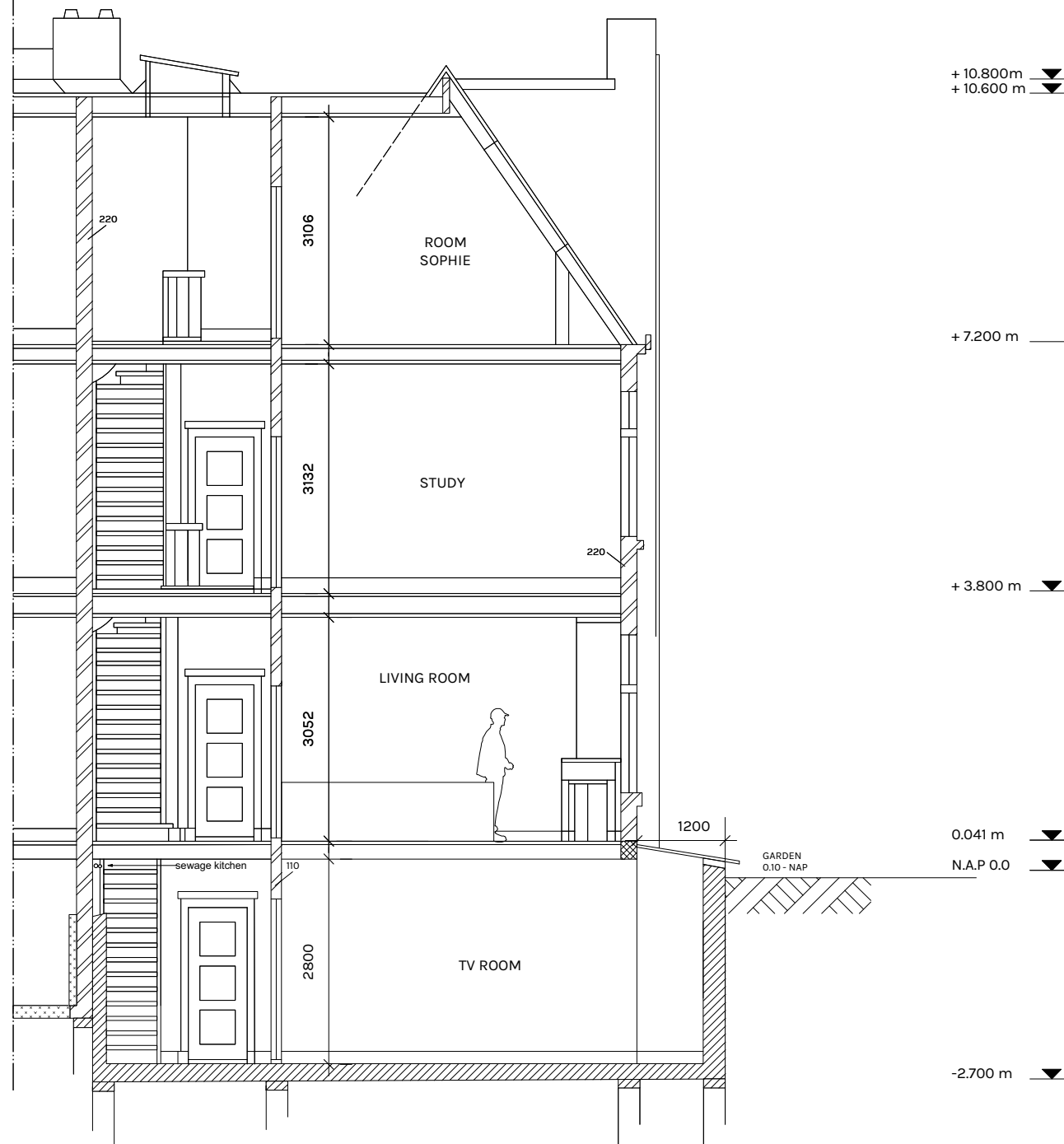
<b>PROJECT</b>	Renovation House
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Scale	1:60
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Phase	Final design
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# SECTION E-F // NEW SITUATION



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## SIDE FACADE // EXISTING SITUATION

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Architect drs. ir. F. Keijzer  
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Scale 1:60  
Drawing F. Keijzer  
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Date 6th of July 2017 PAGE 17

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Contractor Duyts Bouwconstructies BV

-

Scale 1:60

Drawing F. Keijzer

Phase Final design

Draft A3\_02

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**FRONT FACADE // EXISTING/NEW SITUATION // ONGEWIJZIGD**

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Scale 1:60

Drawing F. Keijzer

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**FRONT FACADE // EXISTING AND NEW SITUATION**



**SIDE FACADE // EXISTING SITUATION**

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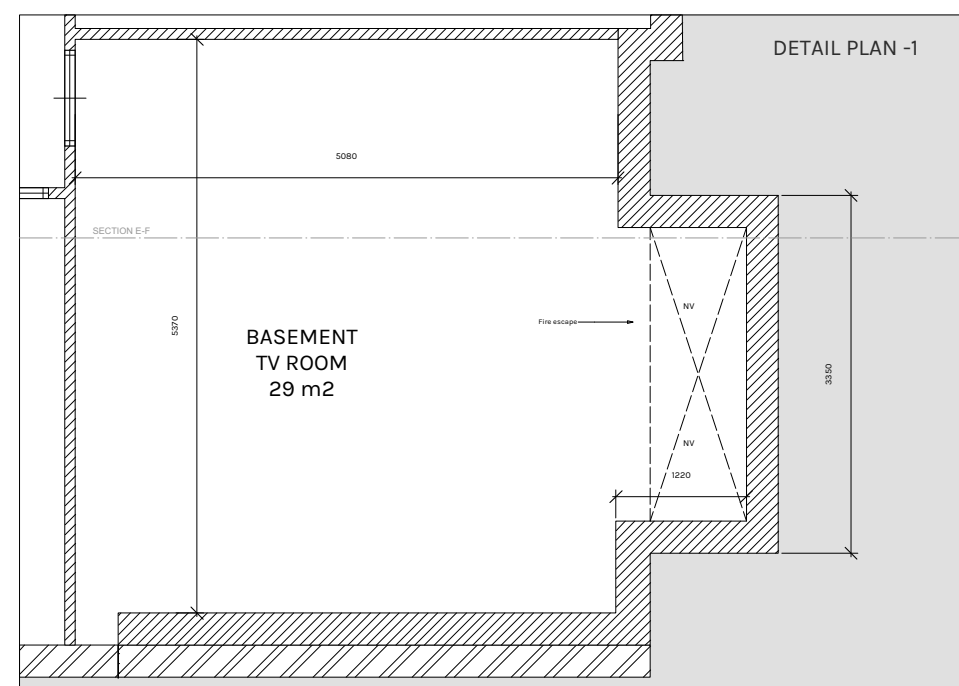
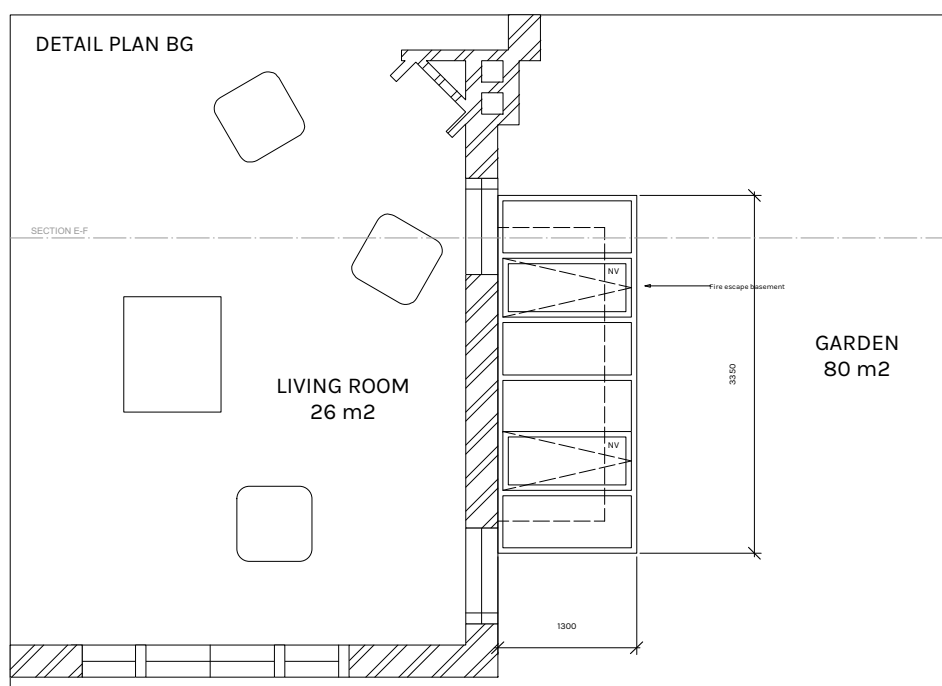
Date 6th of July 2017 PAGE 19

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#### EQUIVALENTE DAGLICHTOPPERVLAKTE

EIS > 10 % van 29 m² > 2,9 m²

DAKLICHT 1,4 x 3,3 = 4,62 m², EFFECTIEF GLASOPPERVLAK  $A_d$  1,2 x 3,1 = 3,72 m²

Helling glasvlak 12 graden. Verwaarloosbare belemmingen,  $C_b = 0$  en  $C_u = 0$

$A_e = A_d \times C_b \times C_u = 3,72 \text{ m}^2 > 2,9 \text{ m}^2$  VOLSTAAT

#### VENTILATIEBALANS

EIS > 0,9 dm³ /s per m² vloeroppervlakte

29 m² vloeroppervlakte,  $29 \times 0,9 \text{ dm}^3/\text{s} = 20,3 \text{ dm}^3/\text{s}$

Toevoer 2 x te openen kiepraam + rooster in raam + mechanische ventilatie

Afvoer onder de deur naar overloop.

Hele huis voorzien van mechanische ventilatie.

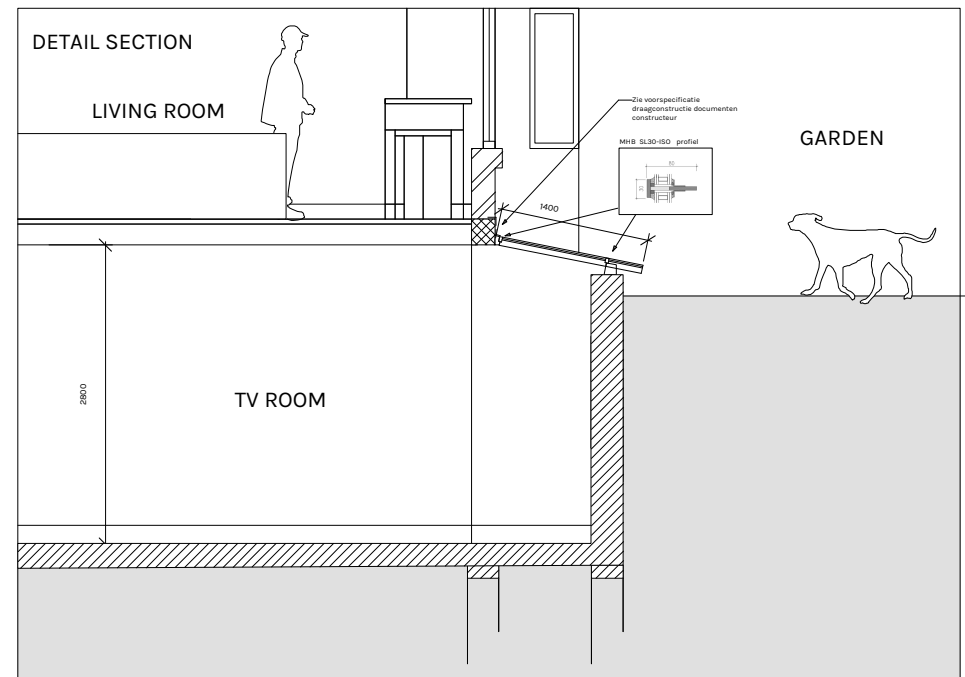
#### MATERIAAL

Daklicht wolfskuil staal en HR++ glas, thermisch geïsoleerd (conform EN 10077-1/2)

Maatvoering en materiaal gelijk aan dakraam.

Fabrikaat MHB type SL30-ISO

Kleur zwart RAL 9004



## WOLF PIT // TV ROOM // NEW SITUATION

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Date 6th of July 2017 PAGE 20

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Contractor -

Scale -

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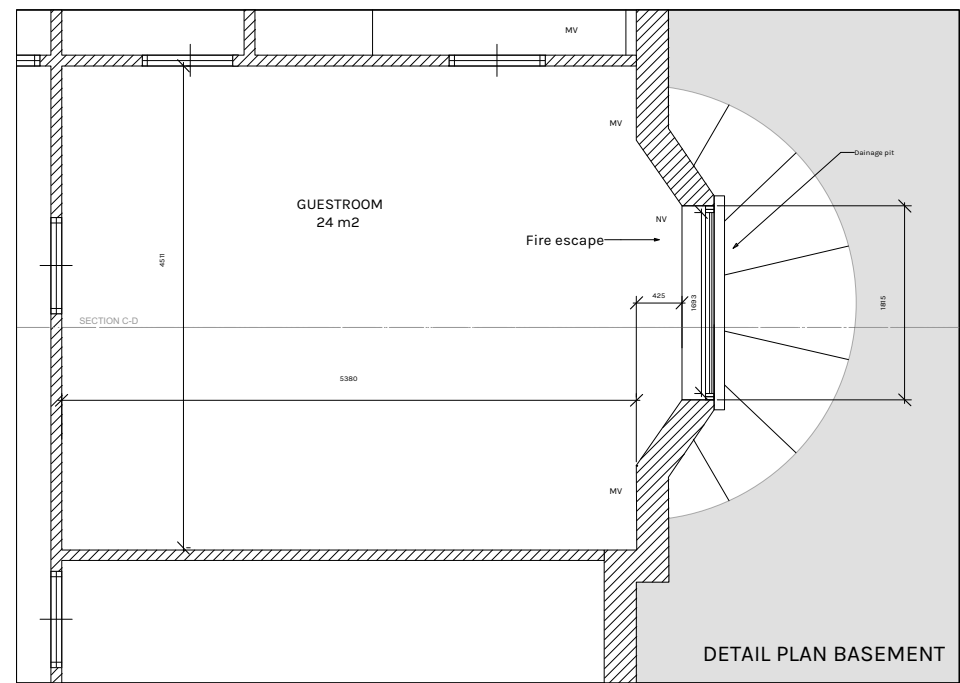
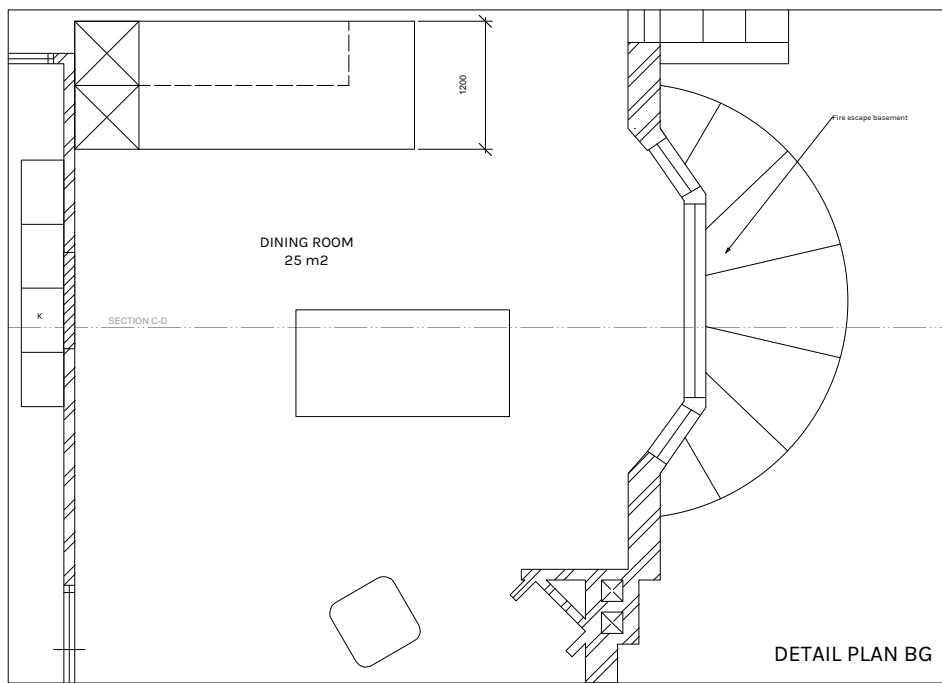
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#### EQUIVALENTE DAGLICHTOPPERVLAKTE

EIS > 10 % van 24 m² > 2,4 m² glas, EFFECTIEF GLASOPPERVLAK  $A_d$  0,7 X 1,8 = 1,26 m²

Verwaarloosbare belemmingen,  $C_b = 0,86$  en  $C_u = 1$

$A_e = A_d \times C_b \times C_u = 1,26 \times 0,86 \times 1 = > 1,08$  m²

Helft ruimte verblijfsruimte a 10 m², andere helft a 12 m² niet meergerekend volgens krijtstreep methode.  $A_e$  1,08 m² VOLSTAAT

#### VENTILATIEBALANS

EIS > 0,9 dm³ /s per m² vloeroppervlakte , 24 m² vloeroppervlak

24 x 0,9 dm³/s = 21,6 dm³/s. Toevoer 1 x te openen kiepraam + 2 x rooster in de gevel + mechanische ventilatie.

Afvoer onder de deur naar overloop en badkamer.

Hele huis voorzien van mechanische ventilatie.

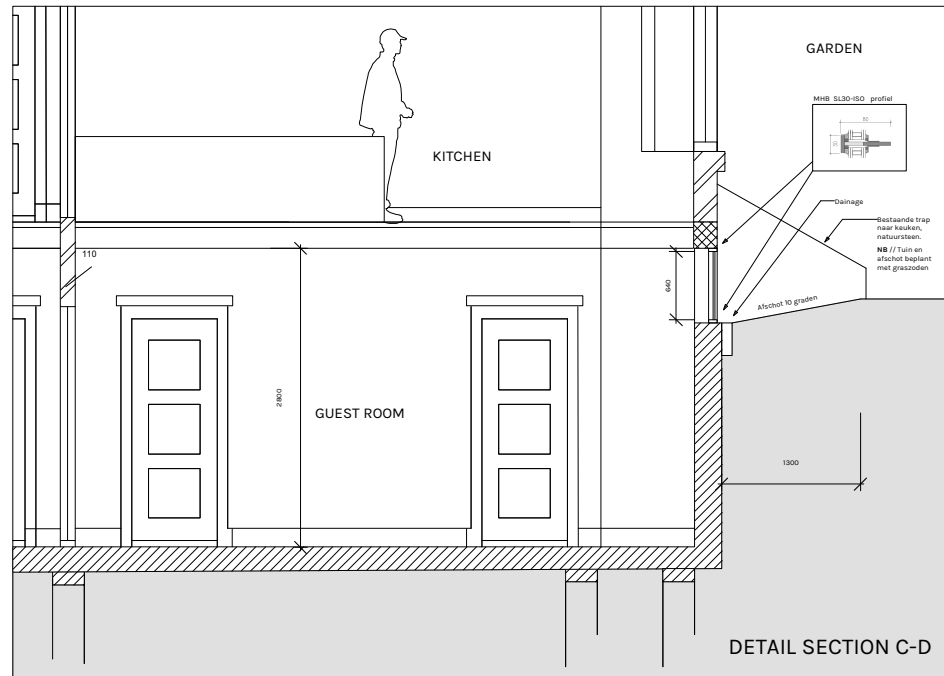
#### MATERIAAL RAAM

Kozijn wit staal en HR++ glas, thermisch geïsoleerd (conform EN 10077-1/2)

Fabrikaat MHB type SL30-ISO

Kleur wit, gelijk aan bestaande kozijnen RAL 9001

### SOUS WINDOW // GUEST ROOM // NEW SITUATION



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architect // historian

Date 6th of July 2017 PAGE 21

PROJECT	Renovation House
Client	Joel and Linda Van Arsdale
Address	Valeriusstraat 217-2 hoog 1075 EZ Amsterdam
Email	lynjenks@gmail.com

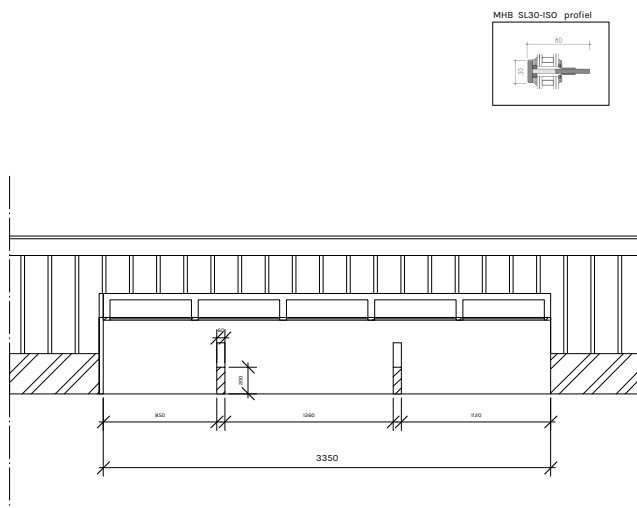
Architect	drs. ir. F. Keijzer
Structural engineer	ir. A. Grentzius
Contractor	Duyts Bouwconstructies BV
	-

Scale	1:50
Drawing	F. Keijzer
Phase	Final design
Draft	A3_02

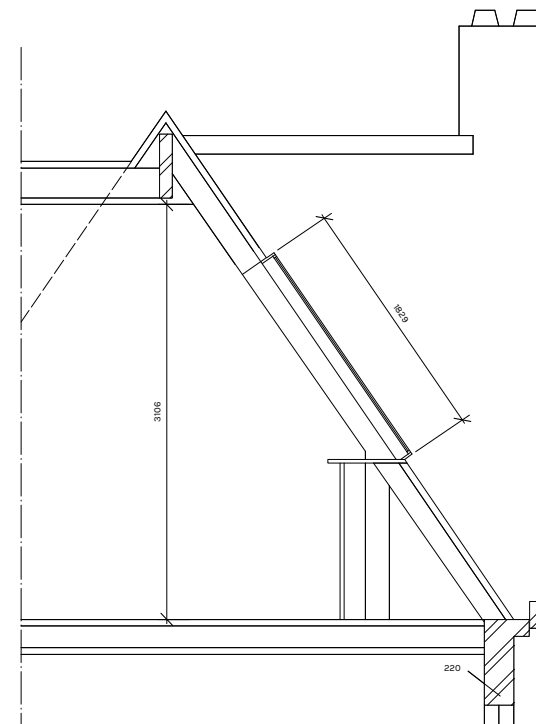
WG-plein 1g  
1054 RB Amsterdam  
06-38162258  
www.floortjekeijzer.nl  
floortjekeijzer@gmail.com



## DETAIL PLAN



## DETAIL SECTION



### DAKRAAM // NORMAAL ONDERHOUD.

Bestaand materiaal staal, ongeïsoleerd waardoor koude brug, condens met gevolg roest en koude straling.

Nieuwe situatie staal, thermisch geïsoleerd (conform EN 10077-1/2) maatvoering gelijk aan bestaand.

Fabrikaat MHB type SL30-ISO

Kleur zwart RAL 9004

**NB** Daglichttoetreding blijft gelijk.  $A_e = 5,94 > 10 \%$  vloeroppervlak

## ROOF WINDOW // NEW SITUATION



**floortje  
keijzer**

architect // historian

Date 6th of July 2017

PAGE 22

**PROJECT** Renovation House

Client Joel and Linda Van Arsdale

Address Valeriusstraat 217-2 hoog

1075 EZ Amsterdam

Email

lynjenks@gmail.com

Architect

drs. ir. F. Keijzer

Structural engineer

ir. A. Grentzius

Contractor

-

Duyts Bouwconstructies BV

Scale

1:50

Drawing

F. Keijzer

Phase

Final design

Draft

A3\_02

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