

tekening Ward Weis

# DWALINGEN



een geluidsplattegrond met zestig akoestische foto's van Antwerpen, 1993,  
door

**Ward Weis**  
ANTWERPEN 93 - RADIO 3

=

1 STAD  
beluisterd  
24 UREN  
24 LOCATIES  
elk  
eens  
om de 23 minuten  
1 MINUUT  
1440 OPNAMEN  
geluid als toevallige polaroids  
elementen van nieuwe stadsstilten  
samengesteld  
60 MAAL 1 MINUUT KLANK



# DIVAGATIONS

an sound-map of Antwerp, 1993, with sixty acoustic photographs

by

**Ward Weis**

ANTWERPEN 93 - RADIO 3

1 CITY

listened to

24 HOURS

24 PLACES

each one

once

ONE MINUTE

every 23 minutes

1440 RECORDINGS

a sound track, made as polaroids

elements of new urbane silences

composed

60 TIMES AN ACOUSTIC IMPRESSION OF 1 MINUTE

# ERRANCES

un plan acoustique d'Anvers, 1993, avec soixante photos de son

par

**Ward Weis**

ANTWERPEN 93 - RADIO 3

1 VILLE

écoutée

24 HEURES

24 LIEUX

chacun

une fois

toutes les 23 minutes

1 MINUTE

1440 ENREGISTREMENTS

une bande de sons, des polaroids

éléments de nouvelles silences urbaines

composés

60 FOIS UNE PRISE DE SON D'1 MINUTE

## 24 LOCATIES

- 1 hoogoven, elektrische oven, hoboken, 2 maart 1993, 13 u 12
- 2 lift, rusthuis de zavel, antwerpen, 15 maart 1993, 10 u 49
- 3 ziekenhuis, gang c, wilrijk, 10 maart 1993, 14 u 02
- 4 middenstation, sporen 5 - 6, antwerpen, 23 februari 1993, 10 u 51
- 5 naaiatelier, confectieatelier, bornem, 18 maart 1993, 11 u 04
- 6 brug, siberiabrug, antwerpen, 27 februari 1993, 12 u 05
- 7 petrochemie, warmtewisselaars, zandvliet, 12 maart 1993, 12 u 06
- 8 parking, eiermarkt, antwerpen, 9 maart 1993, 12 u 31
- 9 slachterij, slachtruimte, antwerpen, 22 februari 1993, 8 u 08
- 10 metrostation, station linkeroever, antwerpen, 8 maart 1993, 10 u 57
- 11 autofabriek, lasstraat koetswerk zijpanelen, antwerpen, 3 maart 1993, 15 u 22
- 12 ring, afrit borgerhout, borgerhout, 16 maart 1993, 12 u 35
- 13 zwembad, veldstraat, antwerpen, 4 maart 1993, 17 u 00
- 14 containerkade, kaai 710, antwerpen, 25 februari 1993, 18 u 13
- 15 telefooncentrale, dascottelei, deurne, 16 februari 1993, 13 u 02
- 16 park, nachtegaalenveld, wilrijk, 13 februari 1993, 16 u 39
- 17 radiokamer, a.t.m taxi, antwerpen, 11 februari 1993, 12 u 14
- 18 torengebouw, dak politiekantoor oudaan, antwerpen, 18 februari 1993, 17 u 05
- 19 zoo, egyptische tempel, antwerpen, 10 februari 1993, 11 u 30
- 20 oever, steiger beatrijslaan, antwerpen linkeroever, 3 april 1993, 12 u 19
- 21 krant, rotatiepers, antwerpen, 17 februari 1993, 13 u 56
- 22 buitenwijk, deurne centrum, 9 februari 1993, 10 u 21
- 23 wassalon, groeningerplein, borgerhout, 24 februari 1993, 12 u 22
- 24 tunnel, waaslandtunnel, antwerpen, 13 februari 1993, 13 u 35

## GEORDEND 4 MAAL 6

veraf, naderend, nabij, in  
stad, gebouw, straat, bewoner  
stroom, rede, kade, boordsteen  
taal, spraak, woorden, klinkers- en medeklinkers  
oppervlak, omtrek, hoek, middelpunt  
I, II, III, IV

## GEKOPPELD 2 MAAL 12

- 1 - 7 zuivering ( warm - koud, dof - scherp )  
2 - 8 wachten ( immobiel - geimmobiliseerd )  
3 - 9 leven ( leven - dood, leven - leven, dood - dood )  
4 - 10 vervoer ( extern - intern, punt - waaier )  
5 - 11 samenstellen ( manueel - automatisch, verscheiden - uniform )  
6 - 12 verkeer ( doorgaand - onderbroken, breed - smal )  
13 - 19 ruimte ( gevangen - vrij, beschut - open )  
14 - 20 stroom ( natuurlijk - ontwikkeld, herhalend - herhaald )  
15 - 21 gesprek ( enkel - meervoudig, beschermd - vrij )  
16 - 22 omgeving ( huizen - bomen, zuiden - noorden, week - weekend )  
17 - 23 taal ( toevallig - functioneel, soms - steeds )  
18 - 24 gezichtsveld ( hoog - laag, ruim - beperkt )

## DWALINGEN

1 - 6	reis	55 - 60
7 - 18	hoek	50 - 54
19 - 24	punt	37 - 42
25 - 28	nadering - verwijdering	33 - 36
29 - 30	dwaling	31 - 32
7 - 10	vierkant 1	51 - 54
11 - 14	vierkant 2	47 - 50
15 - 18	vierkant 3	43 - 46
19 - 42	lijn 1	42 - 19
20 - 41	lijn 2	41 - 20
21 - 40	lijn 3	40 - 21
22 - 39	lijn 4	39 - 22
23 - 38	lijn 5	38 - 23
24 - 37	lijn 6	37 - 24

## 24 PLACES

- 1 blast furnace, electric furnace, hoboken, march 2 1993, 13h 12
- 2 elevator, rest home de zavel, antwerp, march 15 1993, 10h 49
- 3 hospital, passage c, wilrijk, march 15 1993, 14h 02
- 4 central station, platform , antwerp, 5-6, february 23 1993, 10h 15
- 5 sewing workshop, clothing factory, bornem, march 18 1993, 11h 04
- 6 bridge, sideriabrug, antwerp, february 17 1993, 12h 05
- 7 petrochemic plant, heat exchangers, zandvliet, march 12 1993, 12h 06
- 8 parking, eiermarkt, antwerp, march 9 1993, 12h 31
- 9 slaughterhouse, abattoir, antwerp, march 22 1993, 8h 08
- 10 metro station, left bank, antwerp, march 8 1993, 10h 57
- 11 car industry, weldingshop coachwork volets, antwerp, march 3 1993, 15h 22
- 12 ring-road, exit borgerhout, borgerhout, march 16 1993, 12h 35
- 13 swimming-pool, veldstraat, antwerp, march 4 1993, 17h 00
- 14 container wharf, quay 710, antwerp, february 25 1993, 18h 13
- 15 telephone exchange, dascottelei, deurne, february 16 1993, 13h 02
- 16 parc, nightingale parc, wilrijk, february 13, 16h 39
- × 17 radio transceiver service, a.t.m. taxi, antwerp, 11 february 1993, 12h 14
- 18 tower building, terrace police office, oudaan, antwerp, february 18 1993, 17h 05
- 19 zoo, egyptian temple, antwerp, february 10 1993, 11h 30
- 20 bank, landing stage, beatrijslaan, antwerp, april 3 1993, 12h 19
- 21 newspaper, rotary press, antwerp, february 17 1993, 13h 56
- 22 suburb, deurne, february 9 1993, 10h 21
- 23 launderette, groeningerplein, borgerhout, february 24 1993, 12h 22
- 24 tunnel, waasland tunnel, antwerp, february 13 1993, 13h 35

## RANGED 4 TIMES 6

- far, nearer, close, in
- town, building, street, inhabitant
- stream, roadstead, quay, edge
- language, speech, words, vowels - consonants
- surface, outline, angle, center
- I, II, III, IV

## 24 PLACES

- 1 blast furnace, electric furnace, hoboken, march 2 1993, 13h 12  
2 elevator, rest home de zavel, antwerp, march 15 1993, 10h 49  
3 hospital, passage c, wilrijk, march 15 1993, 14h 02  
4 central station, platform , antwerp, 5-6, february 23 1993, 10h 15  
5 sewing workshop, clothing factory, bornem, march 18 1993, 11h 04  
6 bridge, sideriabrug, antwerp, february 17 1993, 12h 05  
7 petrochemic plant, heat exchangers, zandvliet, march 12 1993, 12h 06  
8 parking, eiermarkt, antwerp, march 9 1993, 12h 31  
9 slaughterhouse, abattoir, antwerp, march 22 1993, 8h 08  
10 metro station, left bank, antwerp, march 8 1993, 10h 57  
11 car industry, weldingshop coachwork volets, antwerp, march 3 1993, 15h 22  
12 ring-road, exit borgerhout, borgerhout, march 16 1993, 12h 35  
13 swimming-pool, veldstraat, antwerp, march 4 1993, 17h 00  
14 container wharf, quay 710, antwerp, february 25 1993, 18h 13  
15 telephone exchange, dascottelei, deurne, february 16 1993, 13h 02  
16 parc, nightingale parc, wilrijk, february 13, 16h 39  
× 17 radio transceiver service, a.t.m. taxi, antwerp, 11 february 1993, 12h 14  
18 tower building, terrace police office, oudaan, antwerp, february 18 1993, 17h 05  
19 zoo, egyptian temple, antwerp, february 10 1993, 11h 30  
20 bank, landing stage, beatrijslaan, antwerp, april 3 1993, 12h 19  
21 newspaper, rotary press, antwerp, february 17 1993, 13h 56  
22 suburb, deurne, february 9 1993, 10h 21  
23 launderette, groeningerplein, borgerhout, february 24 1993, 12h 22  
24 tunnel, waasland tunnel, antwerp, february 13 1993, 13h 35

## RANGED 4 TIMES 6

- far, nearer, close, in  
town, building, street, inhabitant  
stream, roadstead, quay, edge  
language, speech, words, vowels - consonants  
surface, outline, angle, center  
I, II, III, IV

## 24 LIEUX

- 1 haute fourneau, fourneau électrique, hoboken, 2 mars 1993, 13h 12
- 2 ascenseur, maison de repos de zavel, anvers, 15 mars 1993, 10h 49
- 3 hôpital, couloir c, wilrijk, 15 mars 1993, 14h 02
- 4 gare centrale, quais 5-6, anvers, 23 février 1993, 10h 51
- 5 atelier de couture, atelier de confection, bornem, 18 mars 1993, 11h04
- 6 pont, siberiabrug, anvers, 17 février 1993, 12h 05
- 7 pétrochimie, échangeurs de chaleur, zandvliet, 12 mars 1993, 12h 06
- 8 parking, eiermarkt, anvers, 9 mars 1993, 12h 31
- 9 abattoir, salle d'abattage, anvers, 22 février 1993, 8h 08
- 10 station de métro, rive gauche, anvers, 8 mars 1993, 10h 57
- 11 usines d'automobiles, atelier de soudage carrosserie, anvers, 3 mars 1993, 15h 22
- 12 périphérique, sortie borgerhout, borgerhout, 16 mars 1993, 12h 35
- 13 piscine, veldstraat anvers, 4 mars 1993, 17h 00
- 14 quai à conteneurs, quai 710, anvers, 25 février 1993, 18h 13
- 15 centrale téléphonique, dascottelei, deurne, 16 février 1993, 13h 02
- 16 parque, nachtegalenpark, wilrijk, 13 février 1993, 16h 39
- 17 service de rappel, a.t.m. taxi, anvers, 11 février 1993, 12h 14
- 18 tour, terrasse commissariat de police oudaan, anvers, 18 février 1993, 17h 05
- 19 jardin zoologique, temple égyptien, anvers, 10 février 1993, 11h 30
- 20 bord, appontement, beatrijslaan, anvers, 3 avril 1993, 12h 19
- 21 journal, rotative, anvers, 17 février 1993; 13h 56
- 22 faubourg, deurne, 9 février 1993, 10h 21
- 23 wasserette, groeningerplein, borgerhout, 24 février 1993, 12h 22
- 24 tunnel, waaslandtunnel, anvers, 13 fevrier 1993, 13h 35

## ORDONNÉS 4 FOIS 6

- loin, plus près, proche, dedans
- ville, édifice, rue, habitant
- fleuve, rade, quai, bordure
- langue, parole, mots, voyelles - consonnes
- surface, contour, angle, centre
- I, II, III., IV

## RELIÉS 2 FOIS 12

- 1 - 7 nettoyage (chaud - froid, sourd - aigu)  
2 - 8 attendre (immobile - immobilisé)  
3 - 9 vie (vie - mort, vie - vie, mort - mort)  
4 - 10 transport (externe - interne, point - éventail)  
5 - 11 composer (manuel - automatique, divers - uniforme)  
6 - 12 circulation (continu - interrompue, large - étroite)  
13 - 19 espace (close - libre, abritée - ouverte)  
14 - 20 courant (naturel - développé, répétant - répété)  
15 - 21 conversation (simple - multiple, protégée - libre)  
16 - 22 milieu (maisons - arbres, sud - nord, semaine - weekend)  
17 - 23 langage (accidentelle - fonctionnelle, parfois - toujours)  
18 - 24 champ visuel (haut - bas, vaste - limité)

## ERRANCES

≡

1 - 6	trajet	55 - 60
7 - 18	angle	50 - 54
19 - 24	point	37 - 42
25 - 28	approche - éloignement	33 - 36
29 - 30	errance	31 - 32
7 - 10	carré 1	51 - 54
11 - 14	carré 2	47 - 50
15 - 18	carré 3	43 - 46
19 - 42	ligne 1	42 - 19
20 - 41	ligne 2	41 - 20
21 - 40	ligne 3	40 - 21
22 - 39	ligne 4	39 - 22
23 - 38	ligne 5	38 - 23
24 - 37	ligne 6	37 - 24



**woordenlijst**

hoogoven  
lift  
ziekenhuis  
middenstation  
naaiatelier  
brug  
petrochemie  
parking  
slachterij  
metrostation  
autofabriek  
ring  
zwembad  
containerkade  
telefooncentrale  
park  
radiokamer  
torengebouw  
zoo  
oever  
krant  
buitenvijk  
wassalon  
tunnel

**dictionnaire**

haute fourneau  
ascenseur  
hôpital  
gare centrale  
atelier de couture  
pont  
pétrochimie  
parking  
abattoir  
station de métro  
usine d'automobiles  
périphérique  
piscine  
quai à conteneurs  
centrale téléphonique  
parque  
service d'appel  
tour  
jardin zoologique  
bord  
journal  
faubourg  
wasserette  
tunnel

**vocabulary**

blast furnace  
elevator  
hospital  
central station  
sewing workshop  
bridge  
petrochemic plant  
parking  
slaughterhouse  
metro station  
car industry  
ring-road  
swimming-pool  
container wharf  
telephone exchange  
parc  
radio transceiver service  
tower builing  
zoo  
bank  
newspaper  
suburb  
launderette  
tunnel



x





1

0:00 1

**REIS 1**  
( 00.00 > 00.23 )

60  
29:12 1      brug  
                  ring

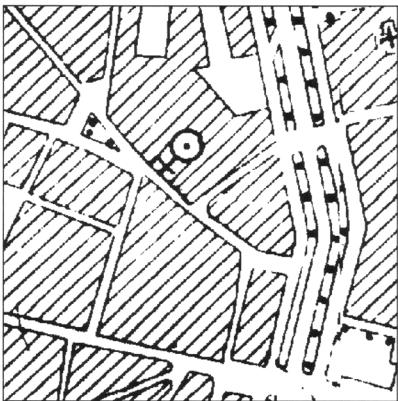


1:05 2

**REIS 2**  
( 00.24 > 00.47 )

	60	petrochemie
14:6	1	parking
29:13	1	hoogoven
44:20	1	brug

2

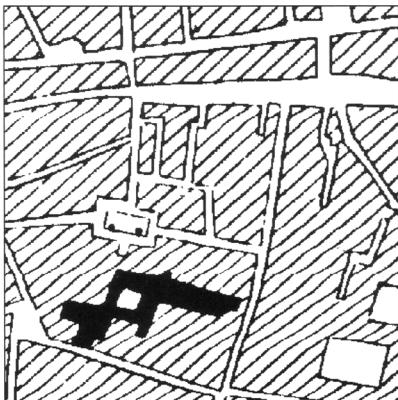


3

2:10 3

**REIS 3**  
( 00.48 > 01.11 )

	60	parking
9:4	1	metrostation
19:9	1	slachterij
29:14	1	lift
39:19	1	petrochemie
50	1	brug

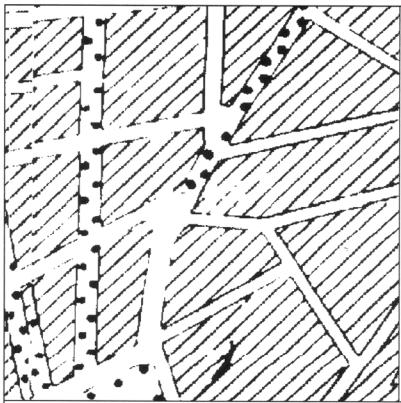


4

3:15 4

**REIS 4**  
( 01.12 > 01.35 )

	60	slachterij
6:15	1	ring
14:7	1	autofabriek
21:23	1	metrostation
29:15	1	ziekenhuis
37:7	1	parking
44:23	1	petrochemie
51:15	1	brug

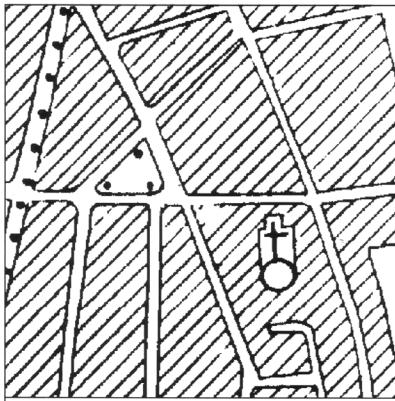


4:20 5

**REIS 5**  
( 01.36 > 01.59 )

60	metrostation
5:3	1 lift
11:8	1 hoogoven
17:12	1 ring
23:17	1 autofabriek
29:21	1 middenstation
36:1	1 slachterij
42:4	1 parking
48:9	1 petrochemie
54:12	1 brug

5



6

5:25 6

**REIS 6**  
( 02.00 > 02.23 )

60	autofabriek
4:2	1 middenstation
9:6	1 ziekenhuis
14:9	1 lift
19:12	1 hoogoven
24:15	1 ring
29:19	1 naaiatelier
34:22	1 metrostation
40:2	1 slachterij
45:4	1 parking
50:7	1 petrochemie
55:10	1 brug

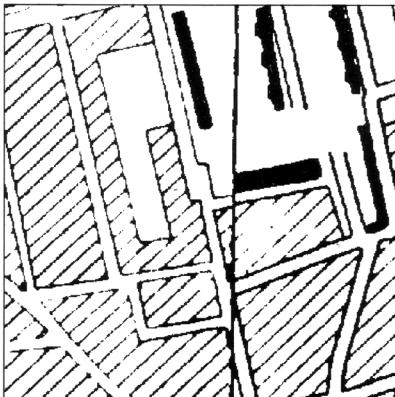


6:30 7

HOEK 1A  
( 002.24 > 02.47 )

60 parking

8



7:35 8

**HOEK 1B**  
( 002.48 > 03.11 )

60 containerkade



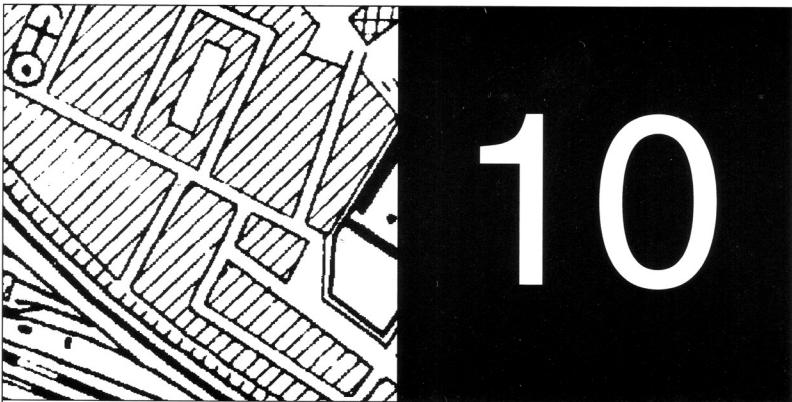
9

8:40 9

**HOEK 1C**  
( 03.11 > 03.35 )

60      autofabriek





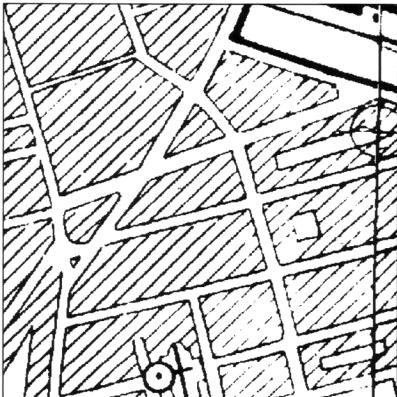
10

9:45 10

HOEK 1D  
( 03.36 > 03.59 )

60 radiokamer

○



10:50 11

**HOEK 2A**  
( 04.00 > 04.23 )

60 middenstation

○

11



11:55 12

**HOEK 2B**  
( 04.24 > 04.47 )

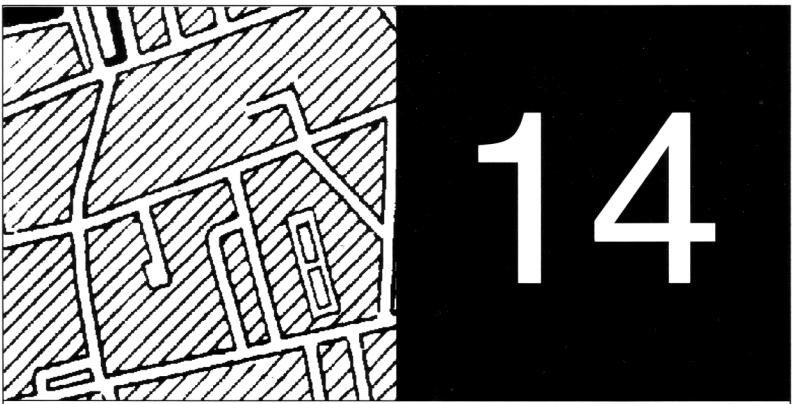
60 buitenwijk



13:00 13

**HOEK 2C**  
( 04.48 > 04.23 )

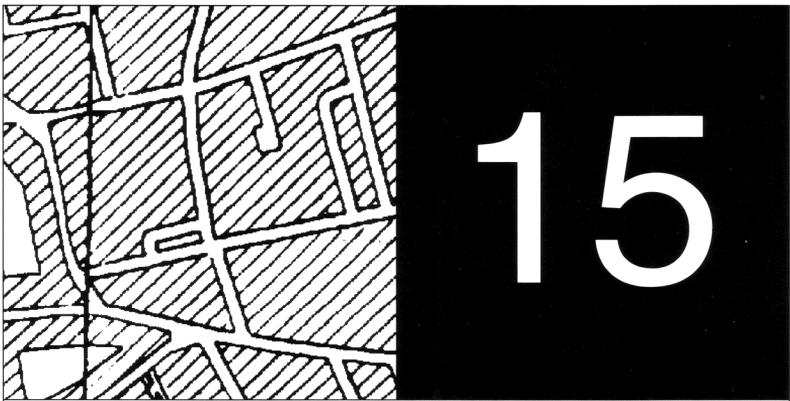
60 petrochemie



14:05 14

**HOEK 2D**  
( 05.12 > 05.35 )

60 zwembad

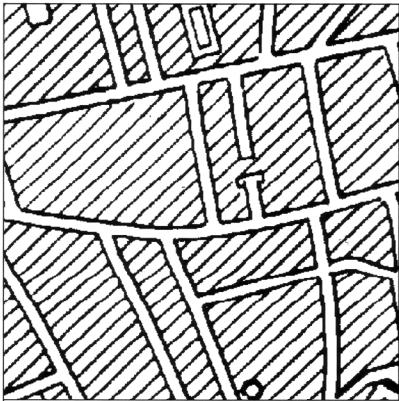


15

15:10 15

HOEK 3A  
( 05.36 > 05.59 )

60 brug



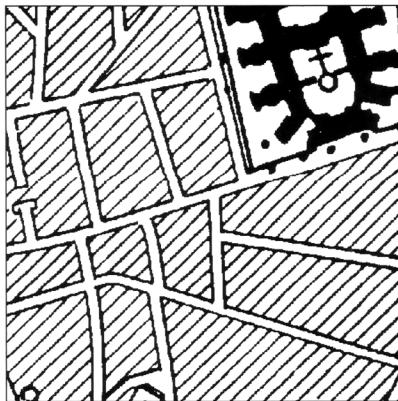
16

16:15 16

**HOEK 3B**  
( 06.00 > 06.23 )

60      tunnel

○



17

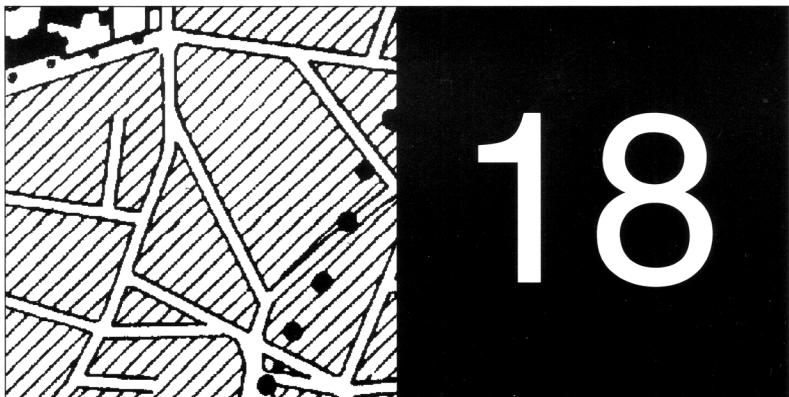
17:20 17

**HOEK 3C**  
( 06.24 > 06.47 )

60 ziekenhuis

○

○

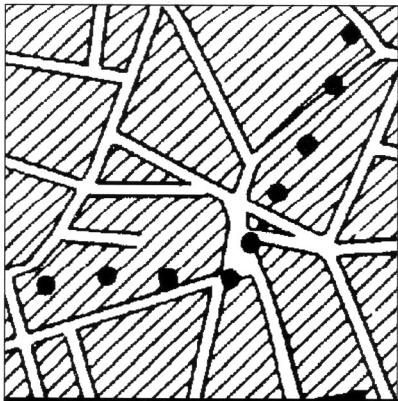


18:25 18

HOEK 3D  
( 06.48 > 07.11 )

60      krant

○

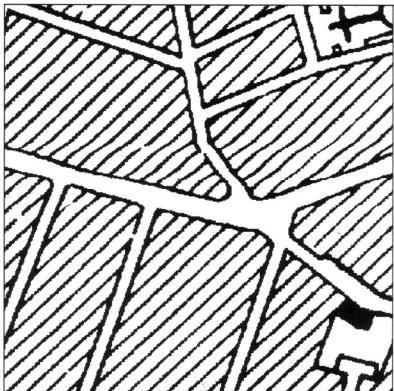


19

19:30 19

**PUNT 2**  
( 07.12 > 07.35 )

30            30            lift  
30            30            containerkade



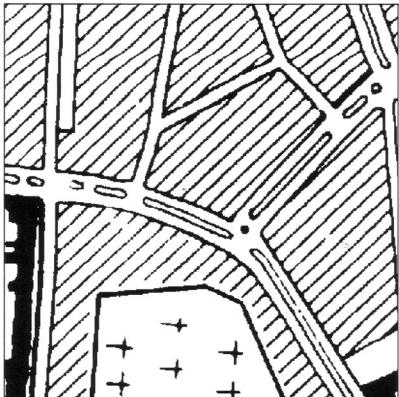
20

20:35 20

**PUNT 3**  
( 07.36 > 07.59 )

30            30  
30            ziekenhuis  
                telefooncentrale

○



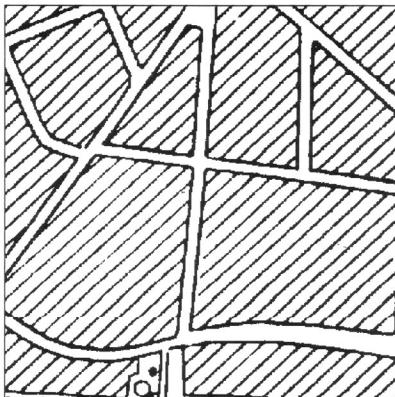
21

21:40 21

**PUNT 4**  
( 08.00 > 08.23 )

30            30  
30            middenstation  
                park

○



22

22:45 22

**PUNT 5**  
( 08.24 > 08.47 )

30            30            naaiatelier  
               30            radiokamer



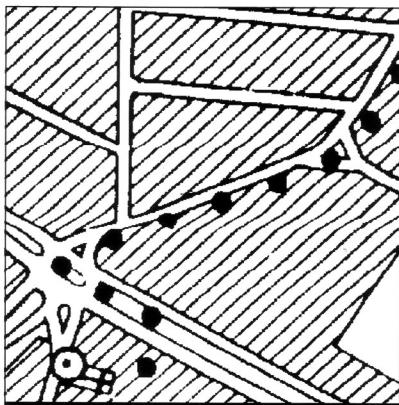


23

23:50 23

PUNT 6  
( 08.48 > 09.11 )

30            30            brug  
30            30            torengebouw

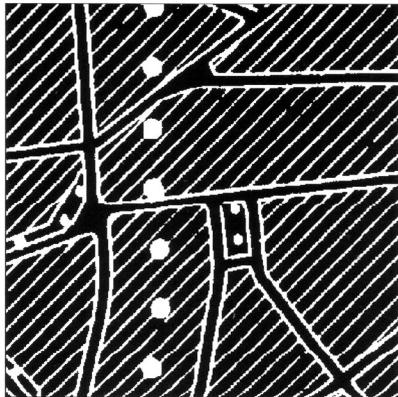


24

24:55 24

PUNT 7  
( 09.12 > 09.35 )

30            30            petrochemie  
30            30            zoo



25

26:00 25

**NADERING 1**  
( 09.36 > 09.59 )

	20	middenstation
20	20	brug
40	20	parking



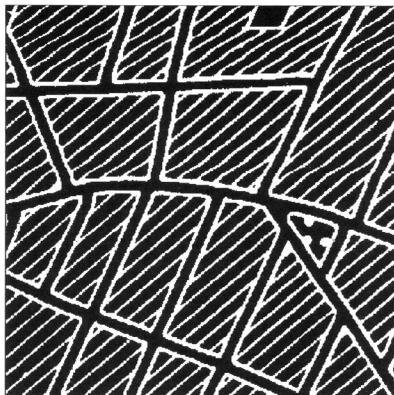


26

27:05 26

**NADERING 2**  
( 10.00 > 10.23 )

20	20	containerkade
20	20	buitenvijk
40	20	tunnel



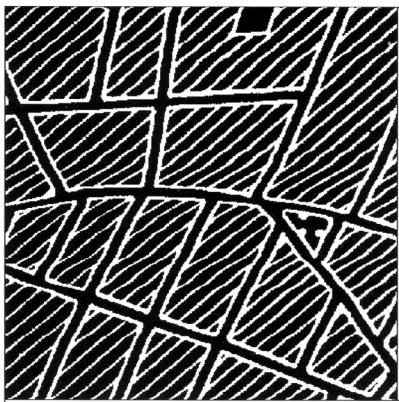
27

28:10 27

NADERING 3  
( 10.24 > 10.47 )

20	20	petrochemie
20	20	ziekenhuis
40	20	autofabriek





28

29:15 28

**NADERING 4**

( 10.48 > 11.11 )

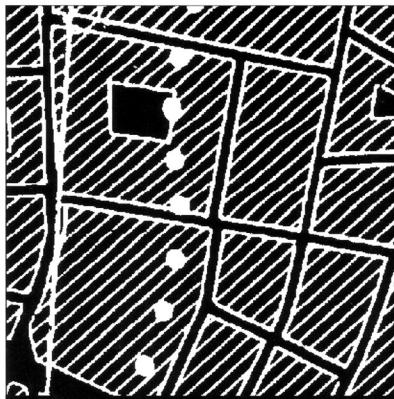
20	20	zwembad
20	20	krant
40	20	radiokamer



29

**DWALING 1**  
( 11.12 > 11.35 )

10	10	hoogoven
10	10	lift
20	10	ziekenhuis
30	10	middenstatie
40	10	naaiatelier
50	10	brug

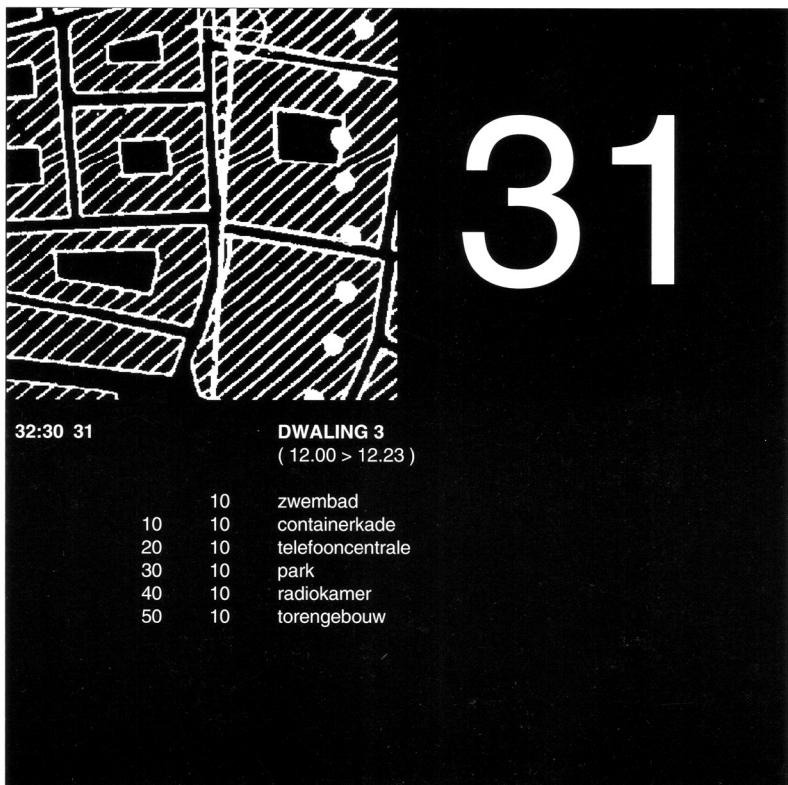


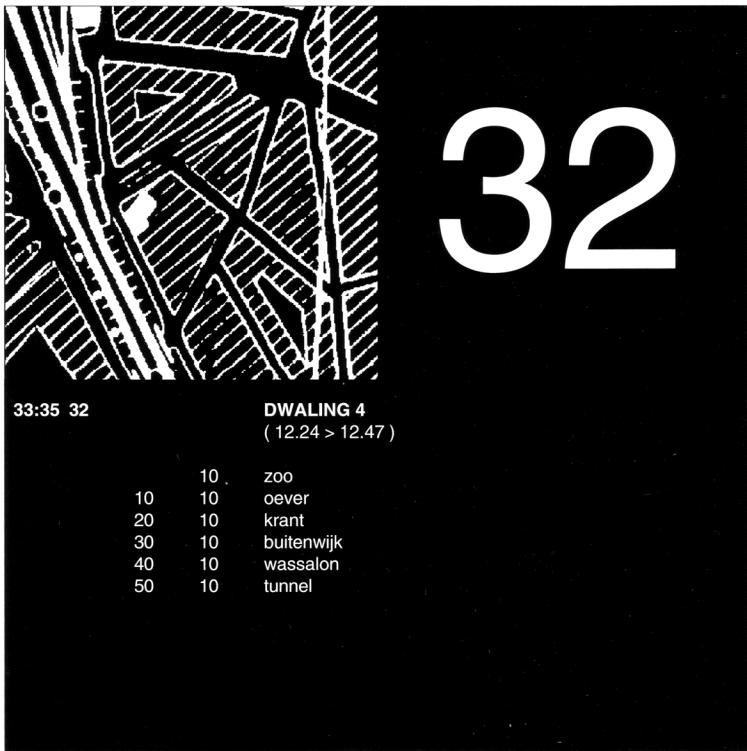
31:25 30

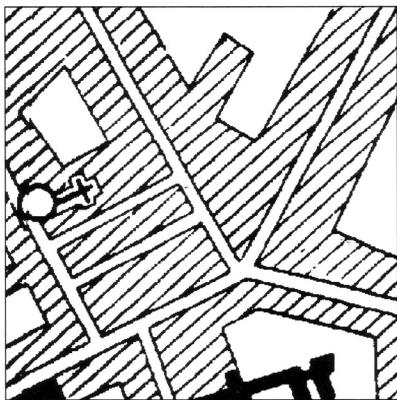
**DWALING 2**  
( 11.36 > 11.59 )

	10	10	petrochemie
10	10	parking	
20	10	slachterij	
30	10	metrostation	
40	10	autofabriek	
50	10	ring	

30



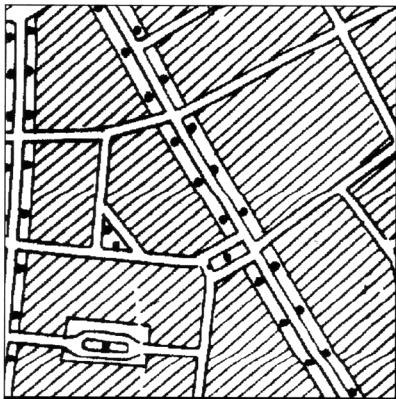




34:40 33

**VERWIJDERING 4**  
( 12.48 > 13.11 )

	20	wassalon
20	20	telefooncentrale
40	20	zoo

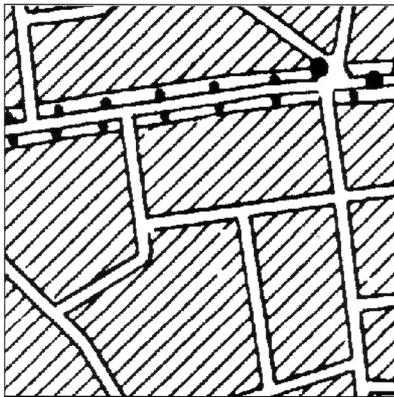


34

35:45 34

**VERWIJDERING 3**  
( 13.12 > 13.35 )

20	20	naaiatelier
20	20	slachterij
40	20	hoogoven



35

36:50 35

**VERWIJDERING 2**  
( 13.36 > 13.59 )

20	20	torengebouw
20	20	park
40	20	oever



○

○

37:55 36

**VERWIJDERING 1**  
( 14.00 > 14.23 )

20	20	lift
20	20	ring
40	20	metrostation

36

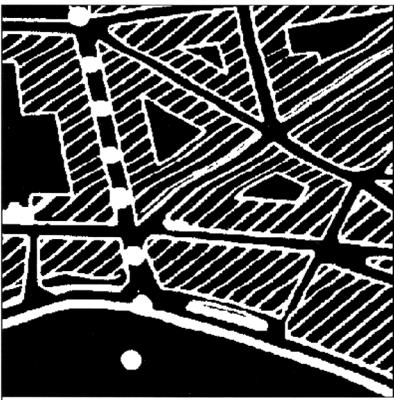


37

39:00 37

PUNT 1  
( 14.24 > 14.47 )

30            30            zwembad  
                hoogoven



38

40:05 38

PUNT 12  
( 14.48 > 15.11 )

30            30            tunnel  
                ring



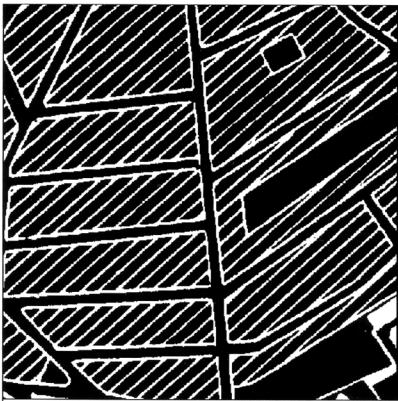
# 39

41:10 39

**PUNT 11**  
( 15.12 > 15.35 )

30            30            wassalon  
                30            autofabriek



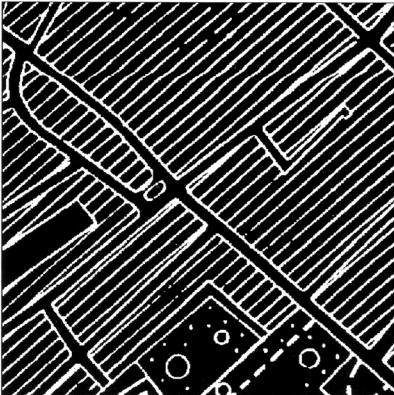


40

42:15 40

**PUNT 10**  
( 15.36 > 15.59 )

30      30      buitenwijk  
30      30      metrostation



41

43:20 41

**PUNT 9**  
( 16.00 > 16.23 )

30      30      krant  
30      30      slachterij



42

44:25 42

**PUNT 8**  
( 16.24 > 16.47 )

30            30            30  
30            30            oever  
                                    parking



43

45:30 43

**HOEK 3D**  
( 16.48 > 17.11 )

60      telefooncentrale





44

46:35 44

HOEK 3C  
( 17.12 > 17.35 )

60 slachterij





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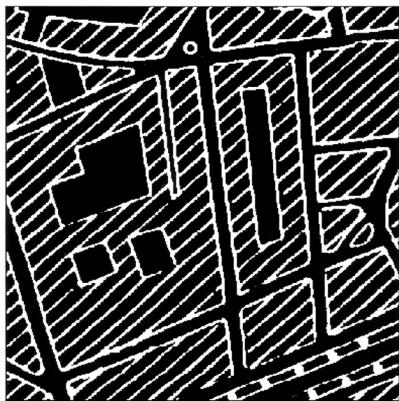
45

47:40 45

HOEK 3B  
( 17.36 > 17.59 )

60 torengebouw

○

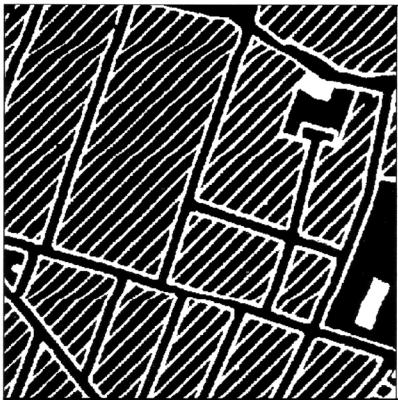


48:45 46

**HOEK 3A**  
( 18.00 > 18.23 )

60      ring

46



47

49:50 47

HOEK 2D  
( 18.24 > 18.47 )

60      ZOO



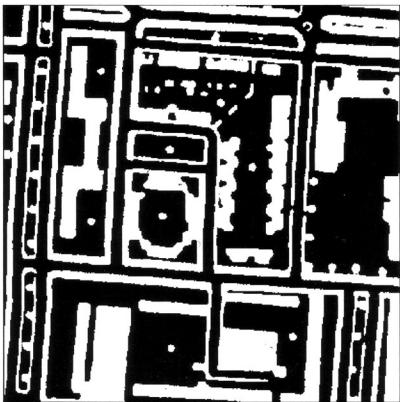


48

50:55 48

HOEK 2C  
( 18.48 > 19.11 )

60      hoogoven

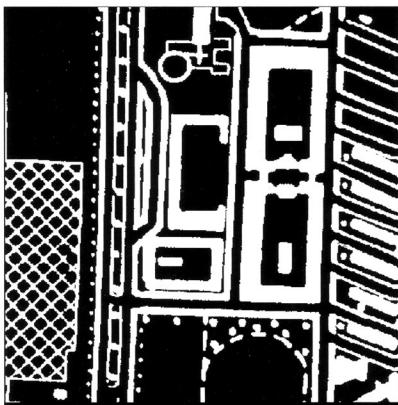


52:00 49

HOEK 2B  
( 19.12 > 19.35 )

60 park

49

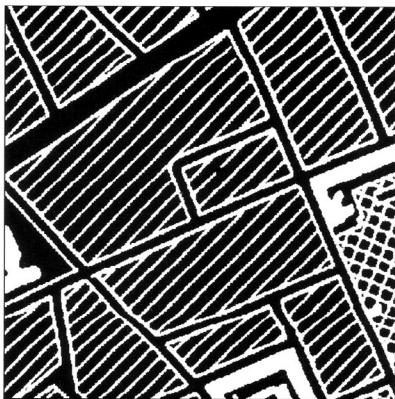


53:05 50

HOEK 2A  
( 19.36 > 19.59 )

60 metrostation

50



54:10 51

**HOEK 1D**  
( 20.00 > 20.23 )

60

wassalon

51





52

55:15 52

**HOEK 1C**  
( 20.24 > 20.47 )

60 naaiatelier



○



53

56:20 53

HOEK 1B  
( 20.48 > 21.11 )

60 oever

○

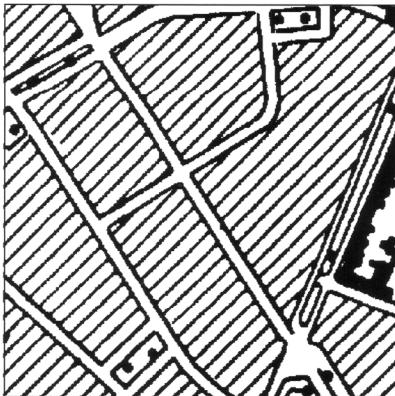


57:25 54

**HOEK 1A**  
( 21.12 > 21.35 )

60 lift

54

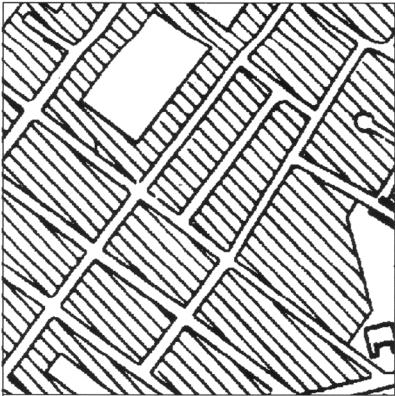


55

58:30 55

REIS 7  
( 21.36 > 21.59 )

60	wassalon
4:2	1 park
9:6	1 telefooncentrale
14:9	1 containerkade
19:12	1 zwembad
24:15	1 tunnel
29:19	1 radiokamer
34:22	1 buitenwijk
40:2	1 krant
45:4	1 oever
50:7	1 zoo
55:10	1 torengebouw

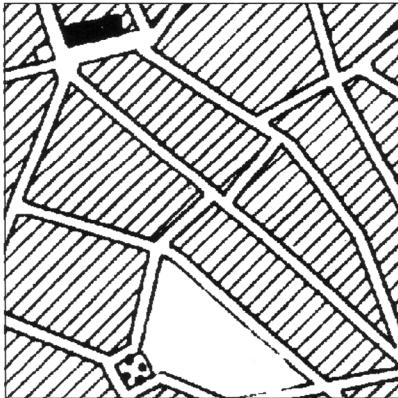


56

59:35 56

**REIS 8**  
( 22.00 > 22.23 )

	60	buitenwijk
5:3	1	containerkade
11:8	1	zwembad
17:12	1	tunnel
23:17	1	wassalon
29:21	1	park
36:1	1	krant
42:4	1	oever
48:9	1	zoo
54:12	1	torengebouw



57

60:40 57

**REIS 9**

( 22.24 > 22.47 )

	60	krant
6:15	1	tunnel
14:7	1	wassalon
21:23	1	buitenwijk
29:15	1	telefooncentrale
37:7	1	oever
44:23	1	slachterij
52:15	1	torengebouw



58

61:45 58

REIS 10  
( 22.48 > 23.11 )

	60	oever
9:4	1	buitenwijk
19:9	1	krant
29:14	1	containerkade
39:19	1	zoo
50	1	torengebouw



59

62:50 59

REIS 11  
( 23.12 > 23.35 )

14:6	1	60	zoo
29:13	1		oever
44:20	1		zwembad
			torengebouw



60

63:55 60

REIS 12  
( 23.36 > 23.59 )

60  
29:12 1      torengebouw  
                  tunnel

luister, listen, écoute

DWALINGEN, DIVAGATIONS, ERRANCES

<http://planktone.be/dwalingen>