ROYAL HASKONING

SLAGSCHADUW

ROYAL HASKONING

LOCATIE VINKEVEEN

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11/29/2003 3:02 PM/2.3.0.125

SHADOW - Vinkeveen

Calculation: Vinkeveen Basis A **File:** vinkeveen.bmi

0 500 1000 1500 2000 m

Map: vinkeveen , Print scale 1:40,000, Map center RD East: 127,206 North: 472,398

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

30 50 65

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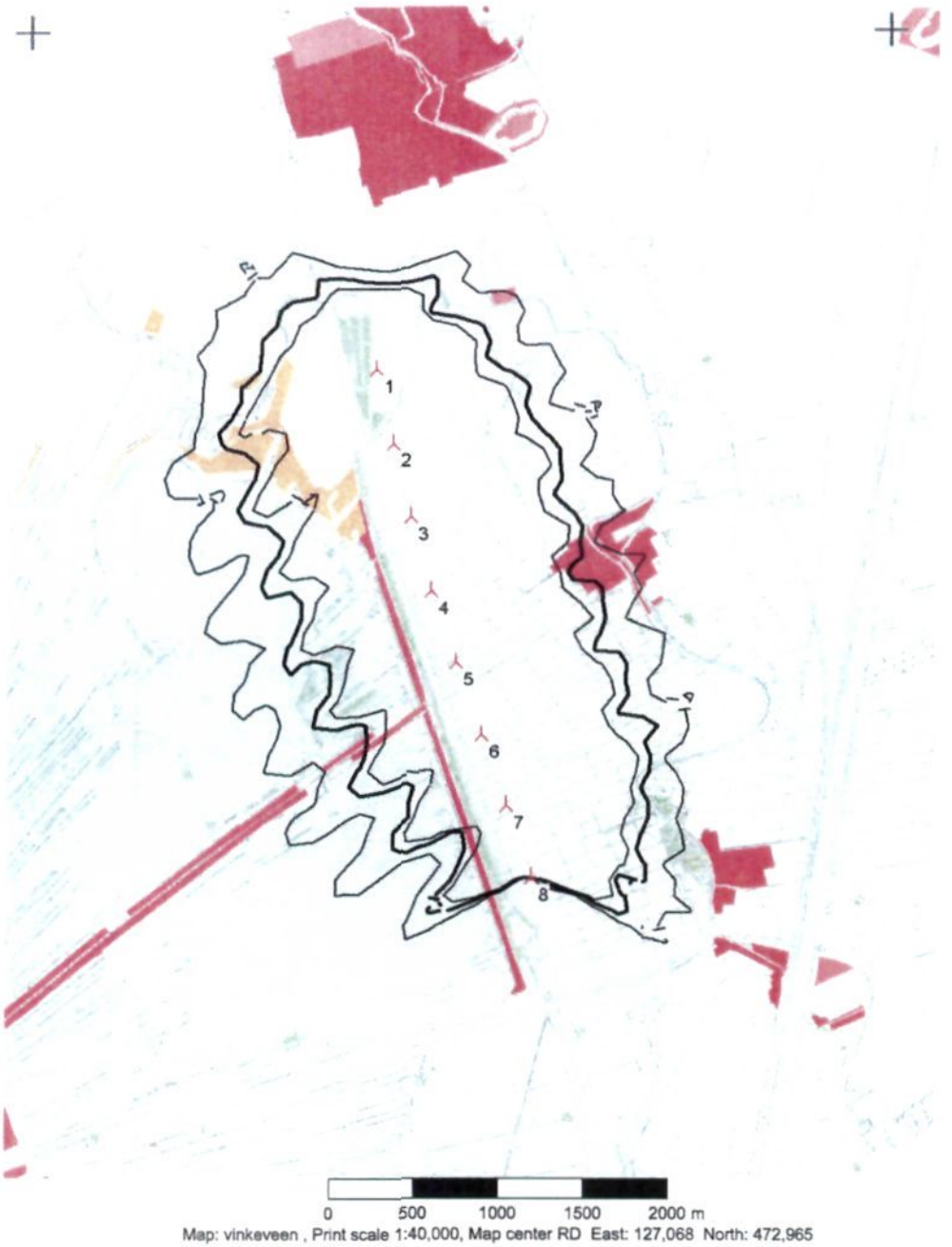
12/10/2003 11:10 AM/2.3.0.125

SHADOW - Vinkeveen

Calculation: Vinkeveen basis 124 **File:** vinkeveen.bmi



Map: vinkeveen , Print scale 1:40,000, Map center RD East: 127,068 North: 472,965

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

34 57 72

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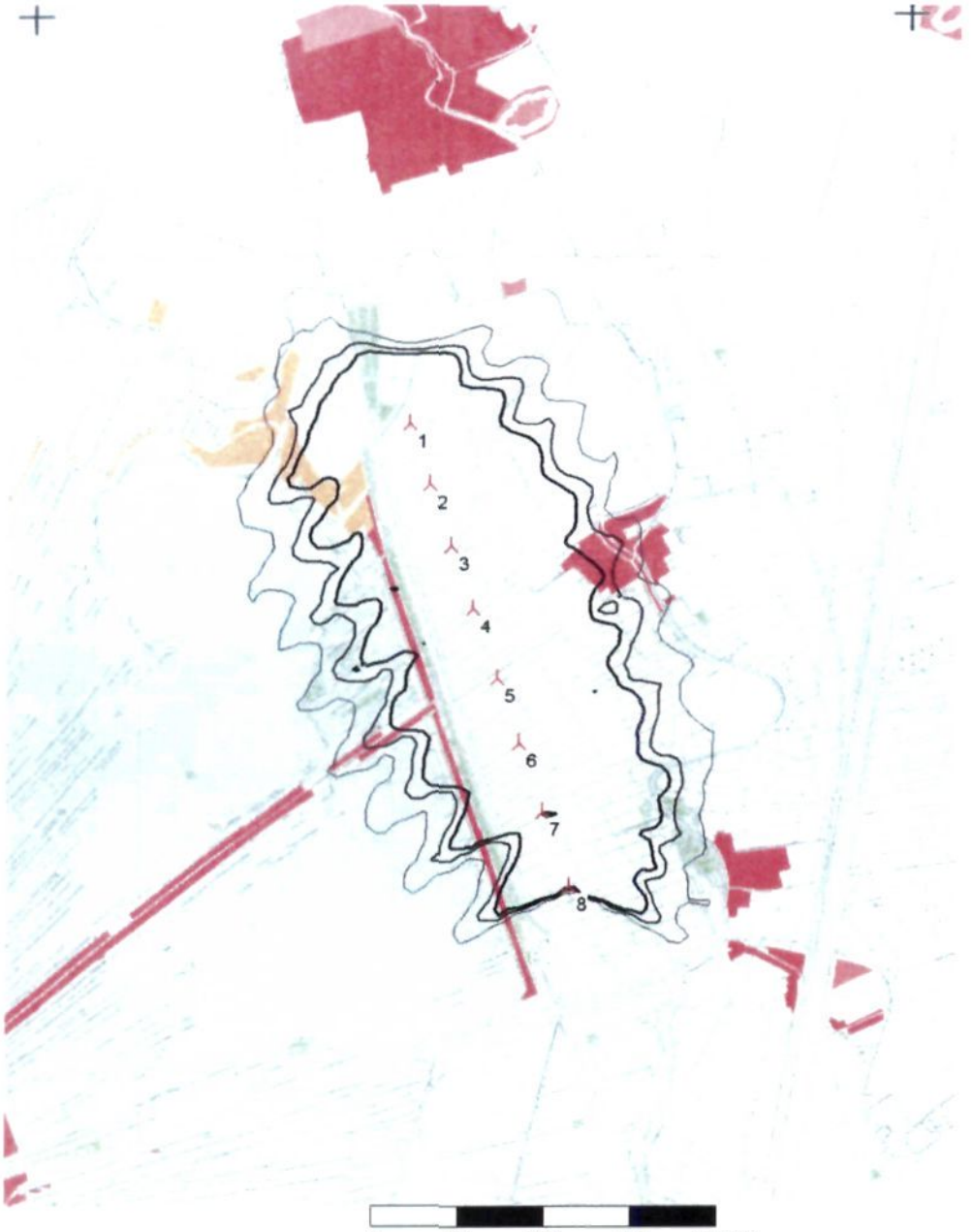
11/29/2003 3:08 PM/2.3.0.125

SHADOW - Vinkeveen

Calculation: Vinkeveen Alt A 1 **File:** vinkeveen.bmi



0 500 1000 1500 2000 m

Map: vinkeveen , Print scale 1:40,000, Map center RD East: 127,271 North: 472,846

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

28 44 56

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MER Utrecht

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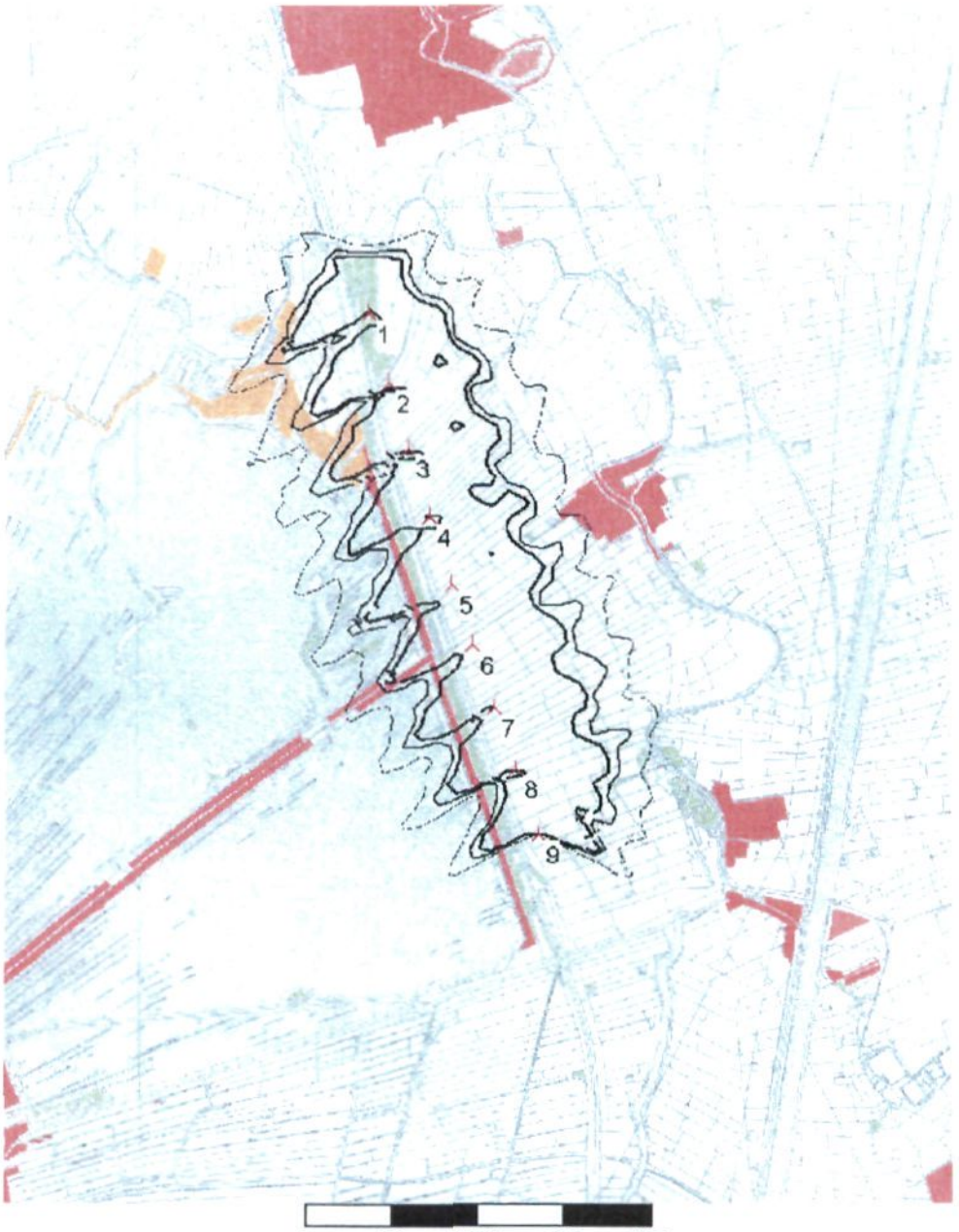
04/16/2003 10:42 AM/2.3.0.125

SHADOW - Vinkeveen (85)

Calculation: Locatie A2 Vinkeveen Basisalternatief **File:** vinkeveen.bmi



0 500 1000 1500 2000 m

Map: vinkeveen , Print scale 1:40,000, Map center RD East: 126,879 North: 472,578

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

33 54 69

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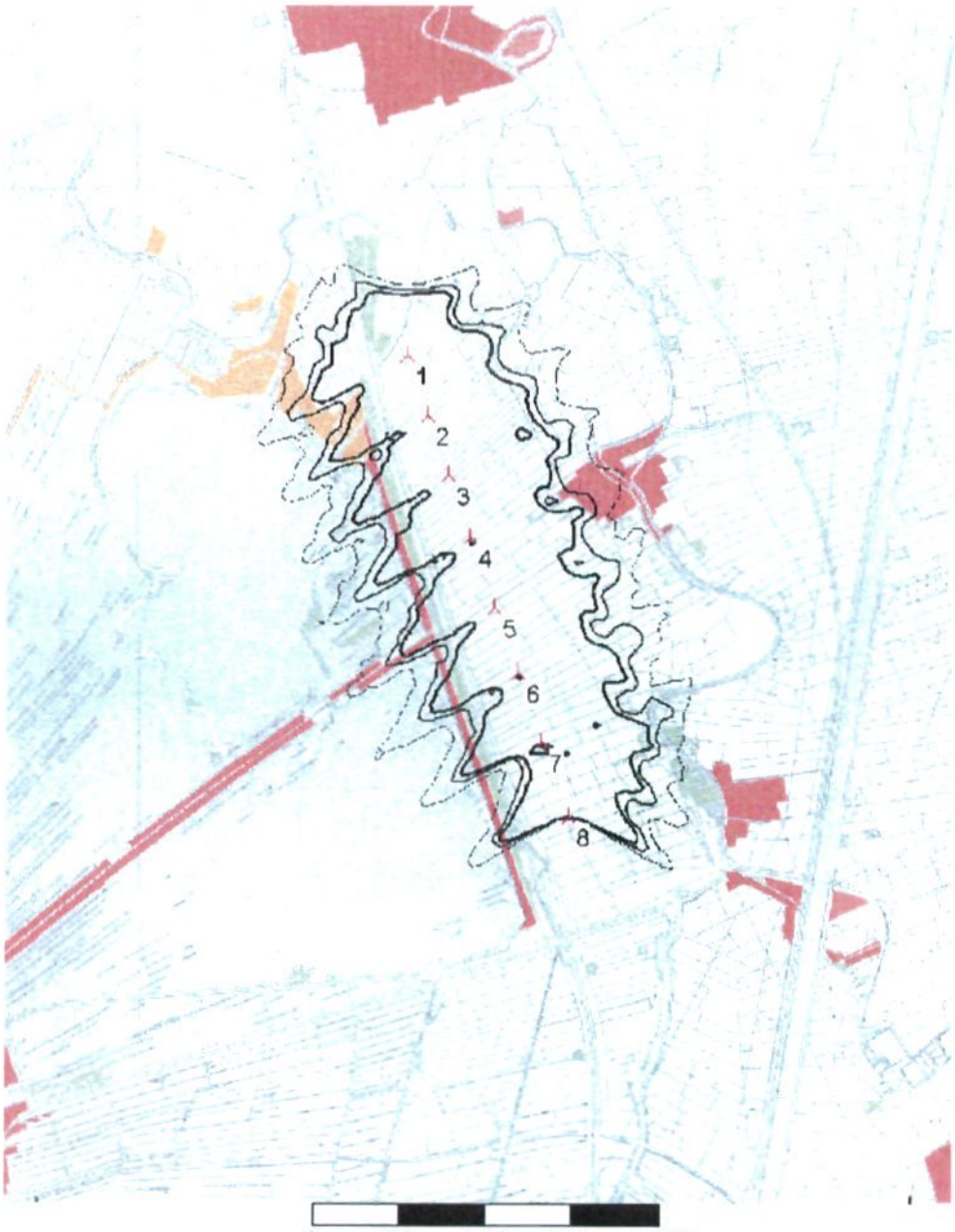
04/16/2003 2:48 PM/2.3.0.125

SHADOW - Vinkeveen (85)

Calculation: Locatie A2 Vinkeveen Alternatief 1 **File:** vinkeveen.bmi



0 500 1000 1500 2000 m

Map: vinkeveen , Print scale 1:40,000, Map center RD East: 126,924 North: 472,460

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

28 44 56

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12/9/2003 11:14 AM/2.3.0.125

SHADOW - Vinkeveen

Calculation: Vinkeveen alt 1 124 **File:** vinkeveen.bmi

0 500 1000 1500 2000 m

Map: vinkeveen , Print scale 1:40,000, Map center RD East: 127,005 North: 472,892

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

32 53 67

ROYAL HASKONING

LOCATIE AMSTERDAM-RIJNKANAAL

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MER Utrecht

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11/29/2003 3:46 PM/2.3.0.125

SHADOW - Amsterdam rijnkanaal

Calculation: Amsterdam Basis west **File:** Amsterdam rijnkanaal.bmi

0 500 1000 1500 2000 m

Map: Amsterdam rijnkanaal , Print scale 1:40,000, Map center RD East: 143,490 North: 445,103

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

51 90 118

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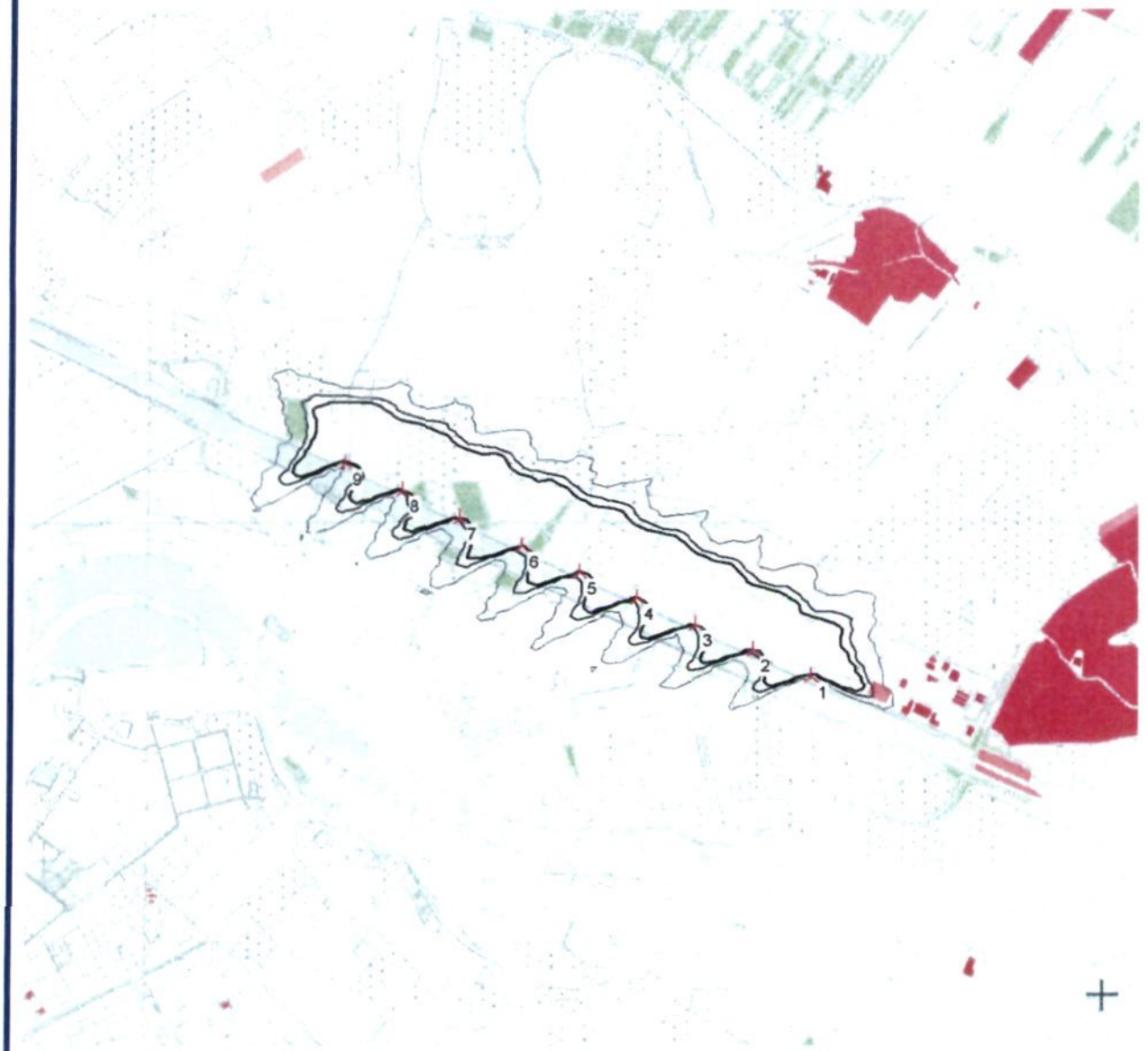
SHADOW - Amsterdam rijnkanaal

Calculation: Amsterdam Basis oost **File:** Amsterdam rijnkanaal.bmi



0 500 1000 1500 2000 m

Map: Amsterdam rijnkanaal , Print scale 1:40,000, Map center RD East: 147,814 North: 443,365

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

51 90 118

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+ 31 (0) 50 5214243

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04/16/2003 11:56 AM/2.3.0.125

SHADOW - Amsterdam rijnkanaal (8s)

Calculation: Locatie Amsterdam-Rijnkanaal Basisalternatief Westelijke lijnopstelling **File:** Amsterdam rijnkanaal.bmi

Map: Amsterdam rijnkanaal , Print scale 1:40,000, Map center RD East: 143,447 North: 445,104

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

51 90 118

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SHADOW - Amsterdam rijnkanaal (85)

Calculation: Locatie Amsterdam-Rijnkanaal Alternatief 1 Oostelijke lijnopstelling **File:** Amsterdam rijnkanaal.bmi

0 500 1000 1500 2000 m

Map: Amsterdam rijnkanaal , Print scale 1:40,000, Map center RD East: 147,971 North: 443,208

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

44 72 92

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SHADOW - Amsterdam rijnkanaal (85)

Calculation: Locatie Amsterdam-Rijnkanaal Basisalternatief Oostelijke lijnopstelling **File:** Amsterdam rijnkanaal.bmi

0 500 1000 1500 2000 m

Map: Amsterdam rijnkanaal , Print scale 1:40,000, Map center RD East: 147,819 North: 443,351

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

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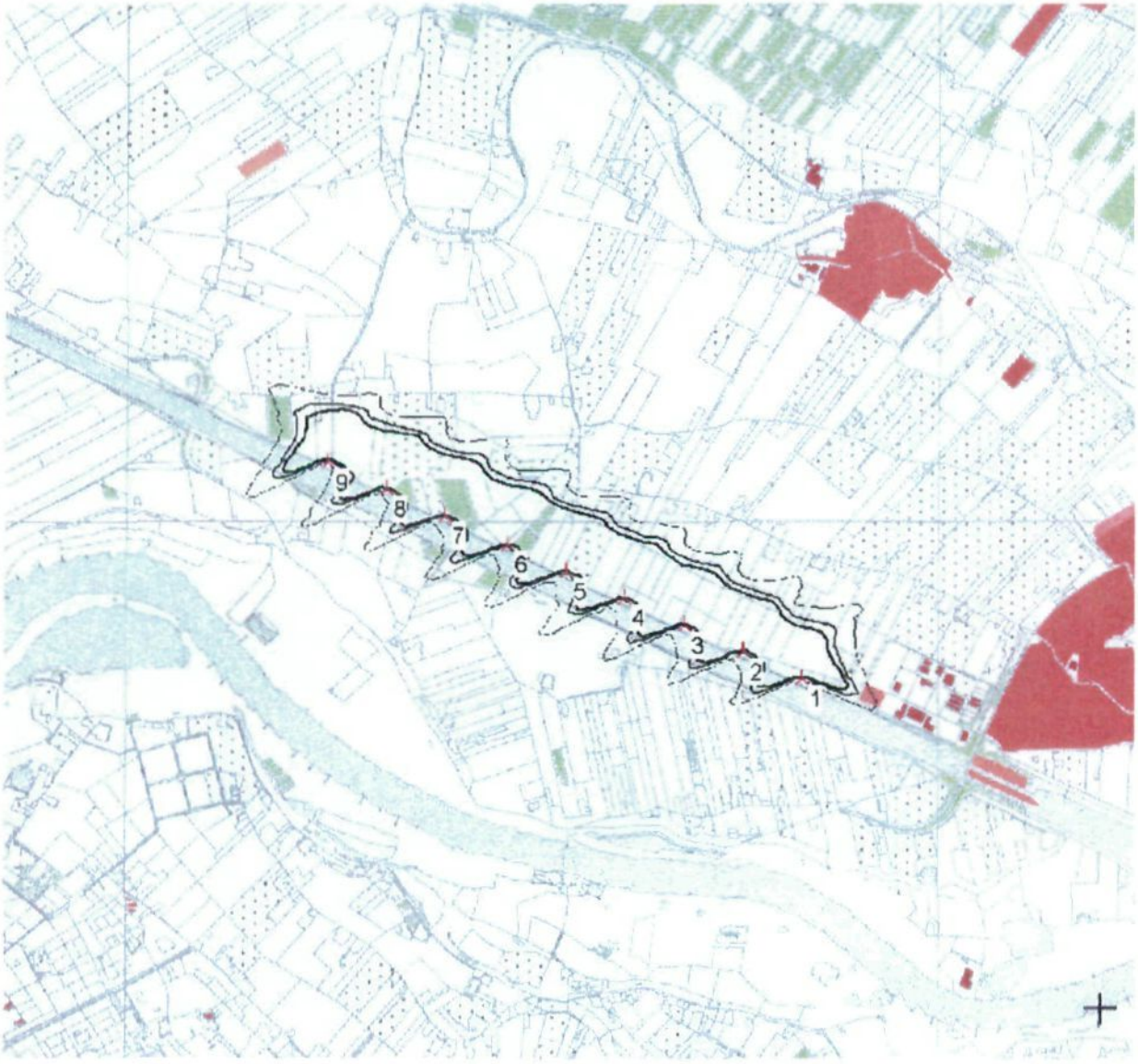
SHADOW - Amsterdam rijnkanaal (85)

Calculation: Locatie Amsterdam-Rijnkanaal Basisalternatief Oostelijke lijnopstelling **File:** Amsterdam rijnkanaal.bmi



0 500 1000 1500 2000 m

Map: Amsterdam rijnkanaal , Print scale 1:40,000, Map center RD East: 147,819 North: 443,351

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

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SHADOW - Amsterdam rijnkanaal (85)

Calculation: Locatie Amsterdam-Rijnkanaal Basisalternatief Westelijke lijnopstelling **File:** Amsterdam rijnkanaal.bmi

0 500 1000 1500 2000 m

Map: Amsterdam rijnkanaal , Print scale 1:40,000, Map center RD East: 143,447 North: 445,104

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

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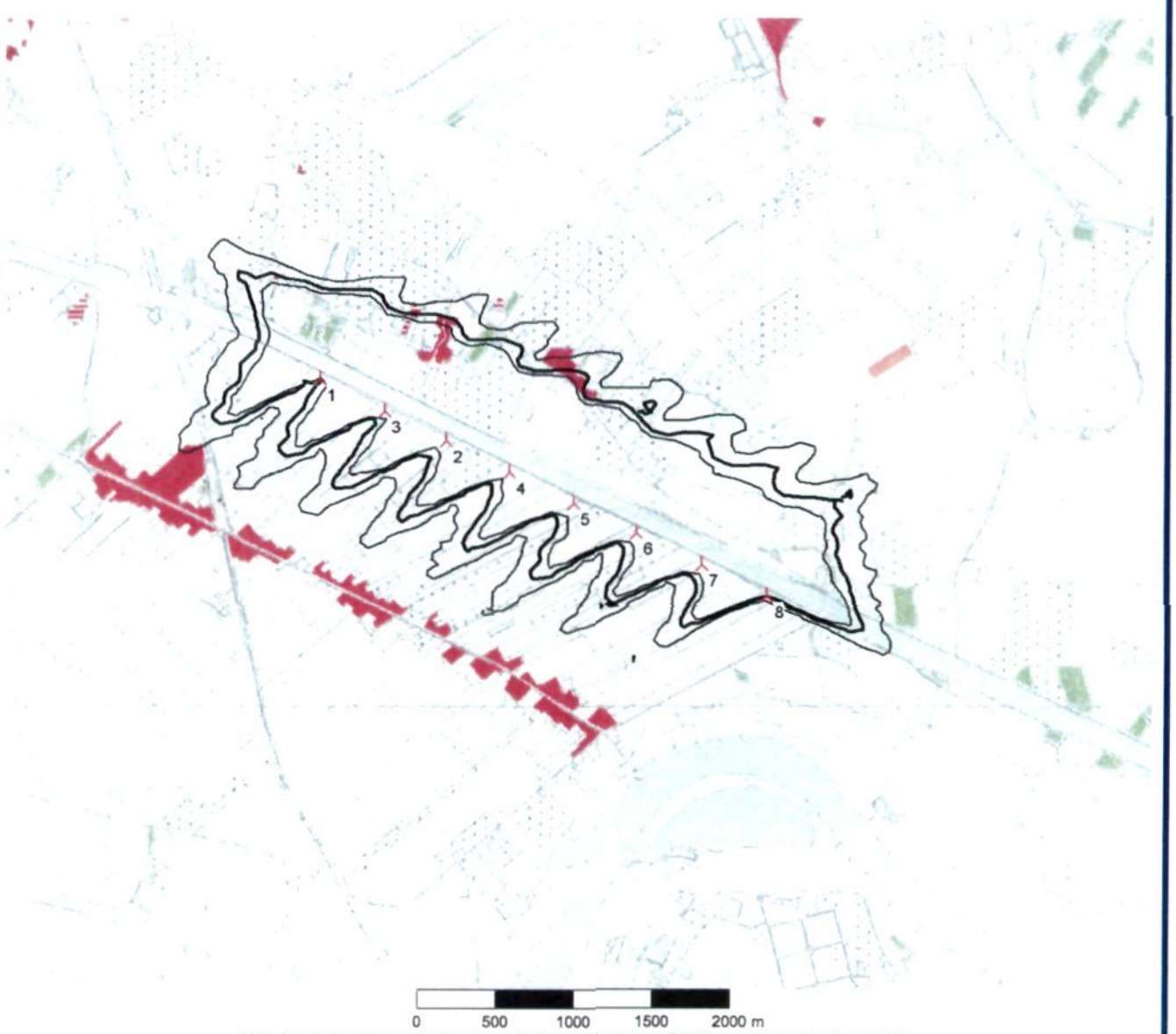
SHADOW - Amsterdam rijnkanaal

Calculation: amsterdam basis west 124 **File:** Amsterdam rijnkanaal.bmi



Map: Amsterdam rijnkanaal , Print scale 1:40,000, Map center RD East: 143,684 North: 445,350

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

37 61 78

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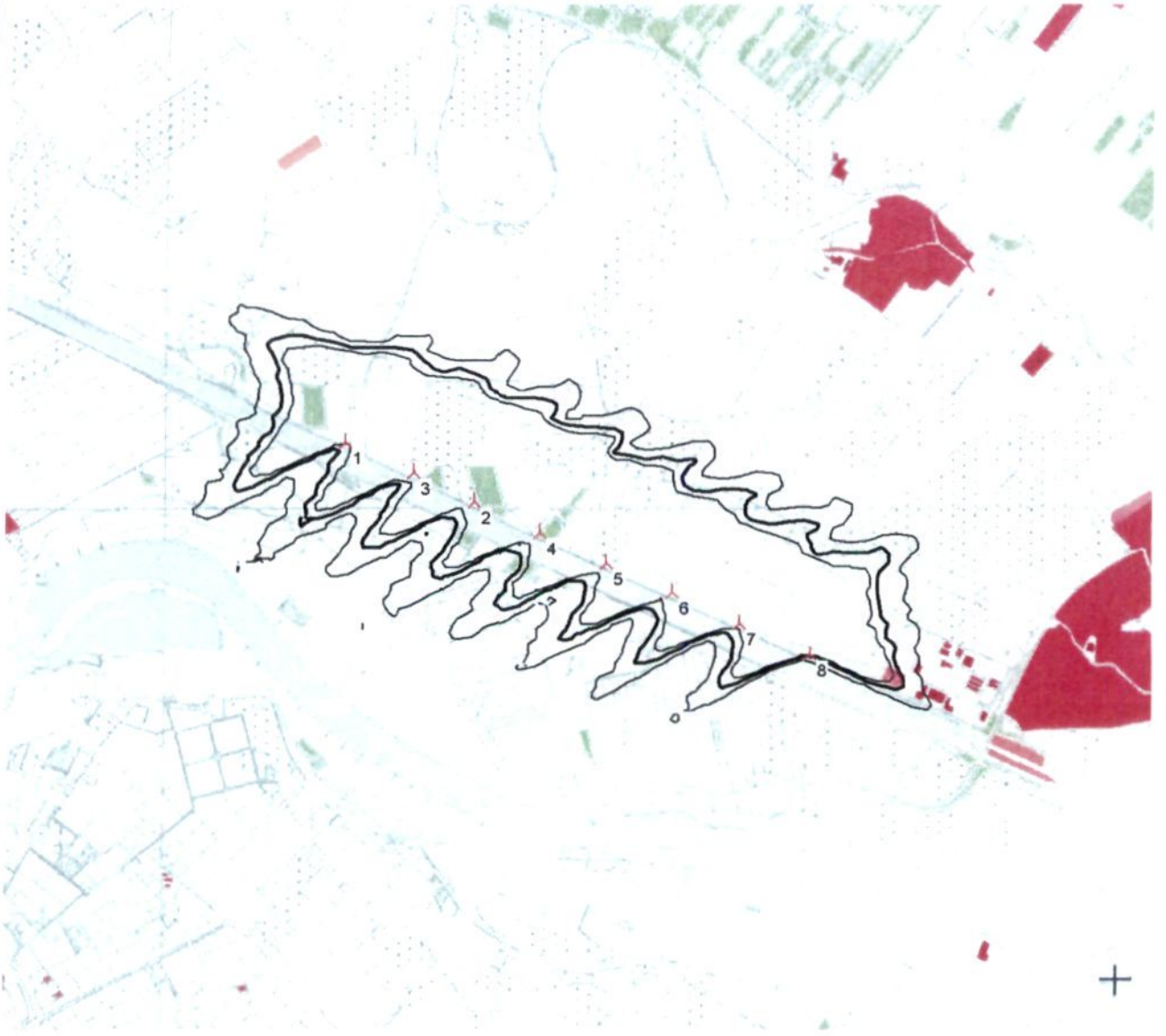
SHADOW - Amsterdam rijnkanaal

Calculation: Amsterdam basis oost 124 **File:** Amsterdam rijnkanaal.bmi



0 500 1000 1500 2000 m

Map: Amsterdam rijnkanaal , Print scale 1:40,000, Map center RD East: 147,569 North: 443,322

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

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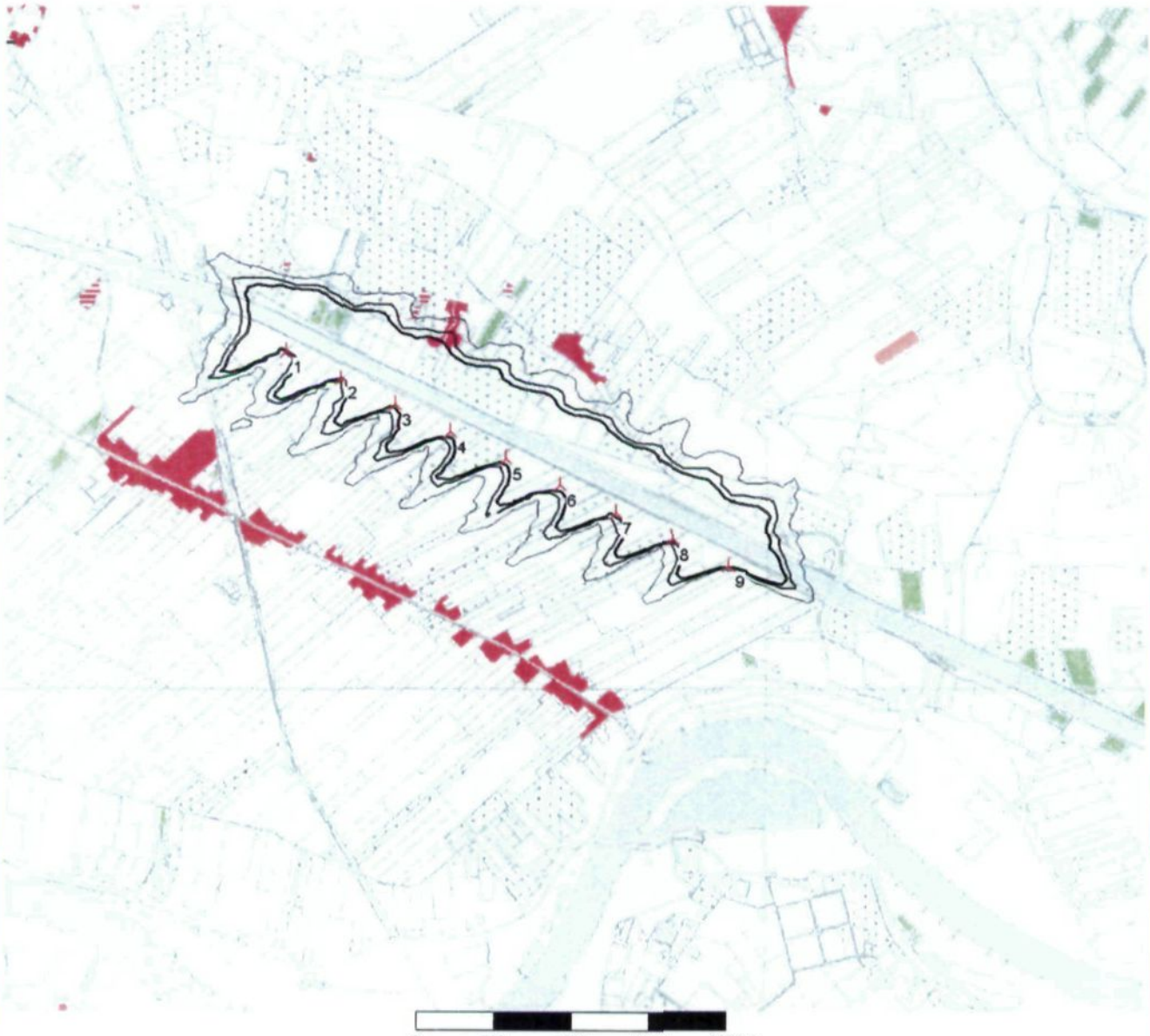
SHADOW - Amsterdam rijnkanaal

Calculation: Amsterdam Alt 1 west **File:** Amsterdam rijnkanaal.bmi



0 500 1000 1500 2000 m

Map: Amsterdam rijnkanaal , Print scale 1:40,000, Map center RD East: 143,614 North: 445,074

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

44 72 92

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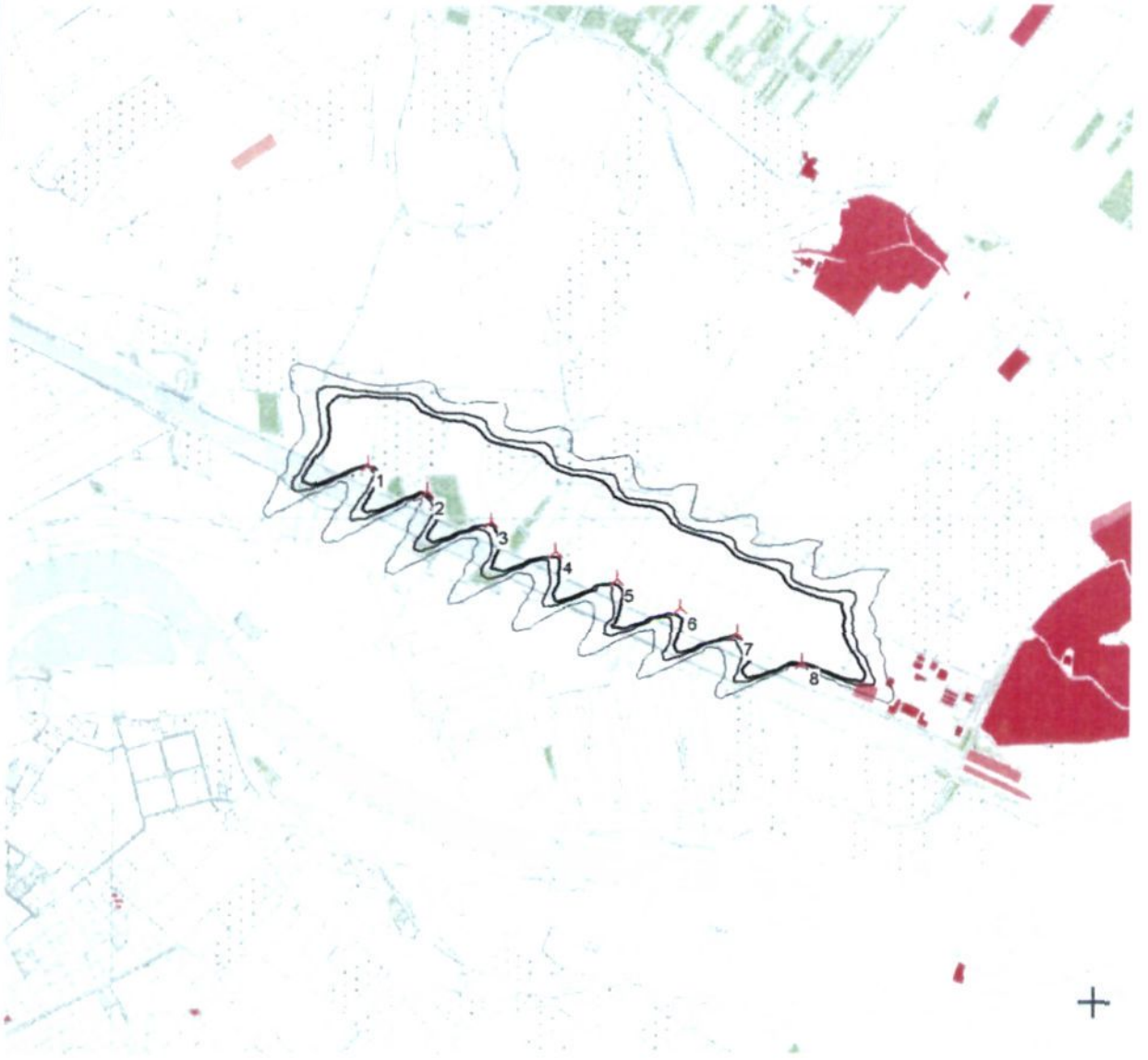
SHADOW - Amsterdam rijnkanaal

Calculation: Amsterdam Alt 1 oost **File:** Amsterdam rijnkanaal.bmi



0 500 1000 1500 2000 m

Map: Amsterdam rijnkanaal , Print scale 1:40,000, Map center RD East: 147,907 North: 443,282

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

44 72 92

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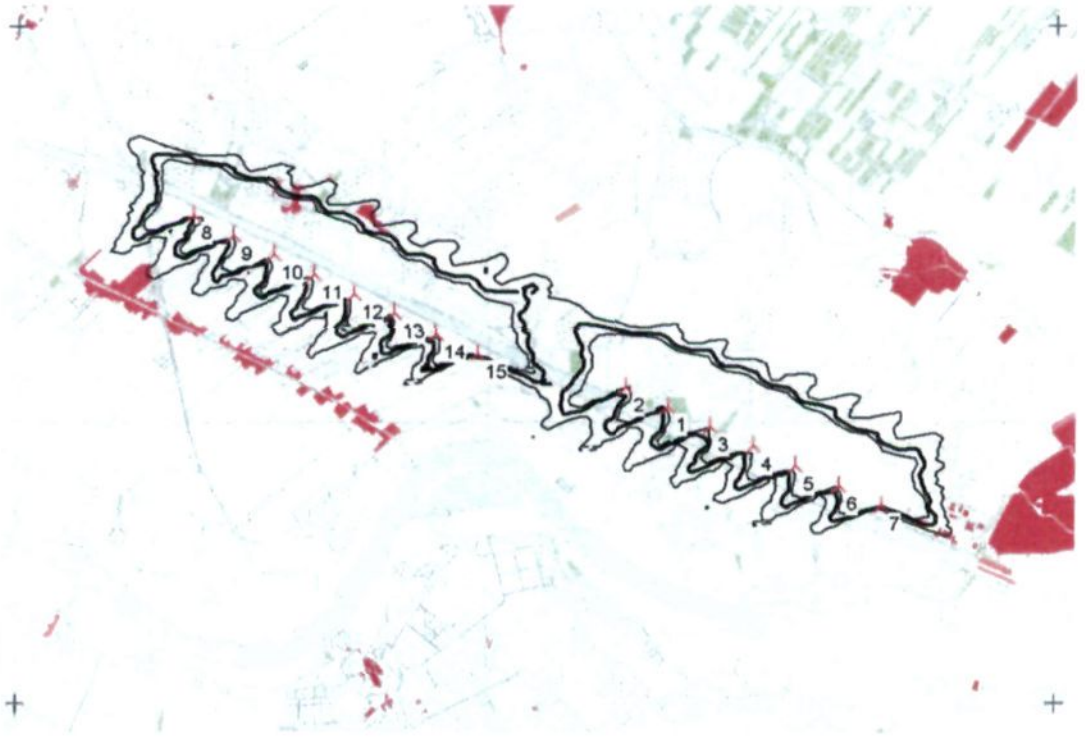
12/09/2003 12:24 PM/2.3.0.125

SHADOW - Amsterdam rijnkanaal

Calculation: Amsterdam west en oost alt 1 124 **File:** Amsterdam rijnkanaal.bmi



0 1 2 3 4 km

Map: Amsterdam rijnkanaal , Print scale 1:75,000, Map center RD East: 145,508 North: 444,540

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

39 65 83

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SHADOW - Amsterdam rijnkanaal

Calculation: Amsterdam alt 2 oost EN west 95 **File:** Amsterdam rijnkanaal.bmi

Map: Amsterdam rijnkanaal , Print scale 1:50,000, Map center RD East: 143,584 North: 445,185

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

44 72 92

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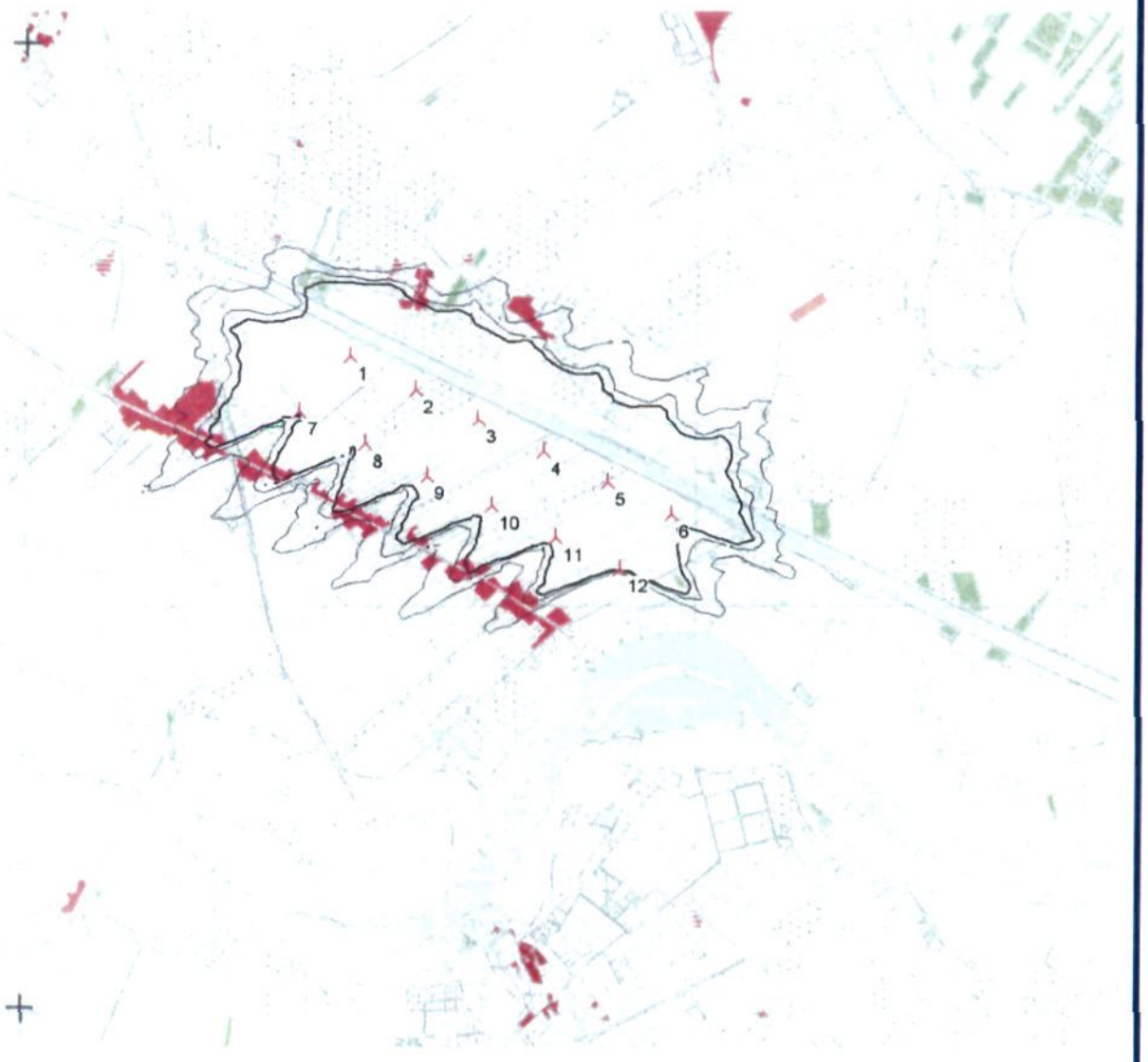
SHADOW - Amsterdam rijnkanaal

Calculation: Amsterdam alt 2 124 **File:** Amsterdam rijnkanaal.bmi



0 500 1000 1500 2000 m

Map: Amsterdam rijnkanaal , Print scale 1:50,000, Map center RD East: 143,383 North: 444,315

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

36 61 78

ROYAL HASKONING

LOCATIE BREUKELEN/LOENEN

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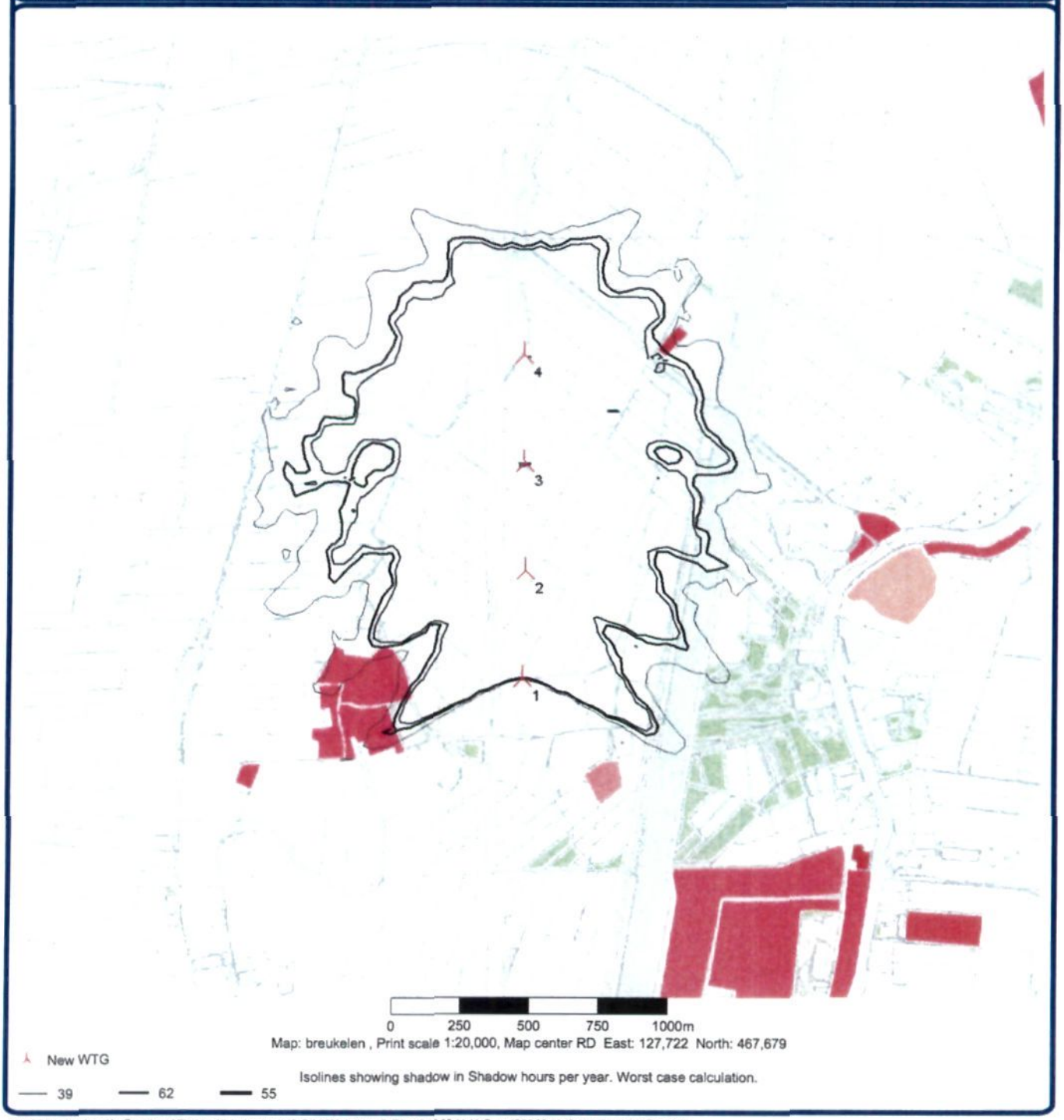
SHADOW - Breukelen

Calculation: Breukelen Basis noord **File:** breukelen.bmi



Map: breukelen , Print scale 1:20,000, Map center RD East: 127,722 North: 467,679

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

39 62 55

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MER Utrecht

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SHADOW - Breukelen

Calculation: Breukelen Basis zuid **File:** breukelen.bmi

0 250 500 750 1000m

Map: breukelen , Print scale 1:25,000, Map center RD East: 127,980 North: 463,369

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

39 62 77

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SHADOW - Breukelen

Calculation: Breukelen Noord en Zuid basis 124 **File:** breukelen.bmi

Map: breukelen , Print scale 1:50,000, Map center RD East: 127,733 North: 465,840

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

37 44 55

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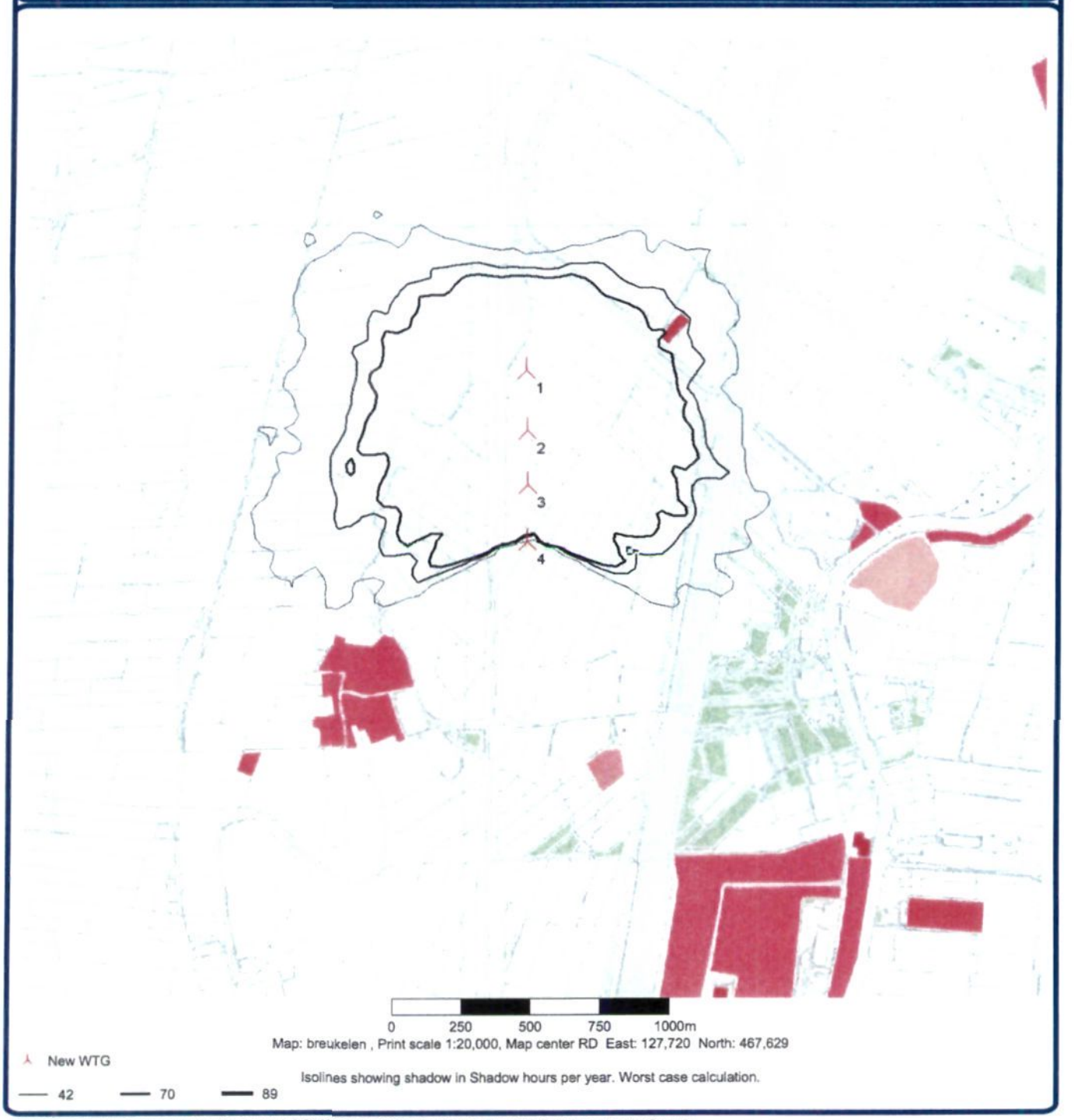
11/29/2003 5:51 PM/2.3.0.125

SHADOW - Breukelen

Calculation: Breukelen Alt 1 noord **File:** breukelen.bmi



Map: breukelen , Print scale 1:20,000, Map center RD East: 127,720 North: 467,629

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

42 70 89

Project:
MER Utrecht

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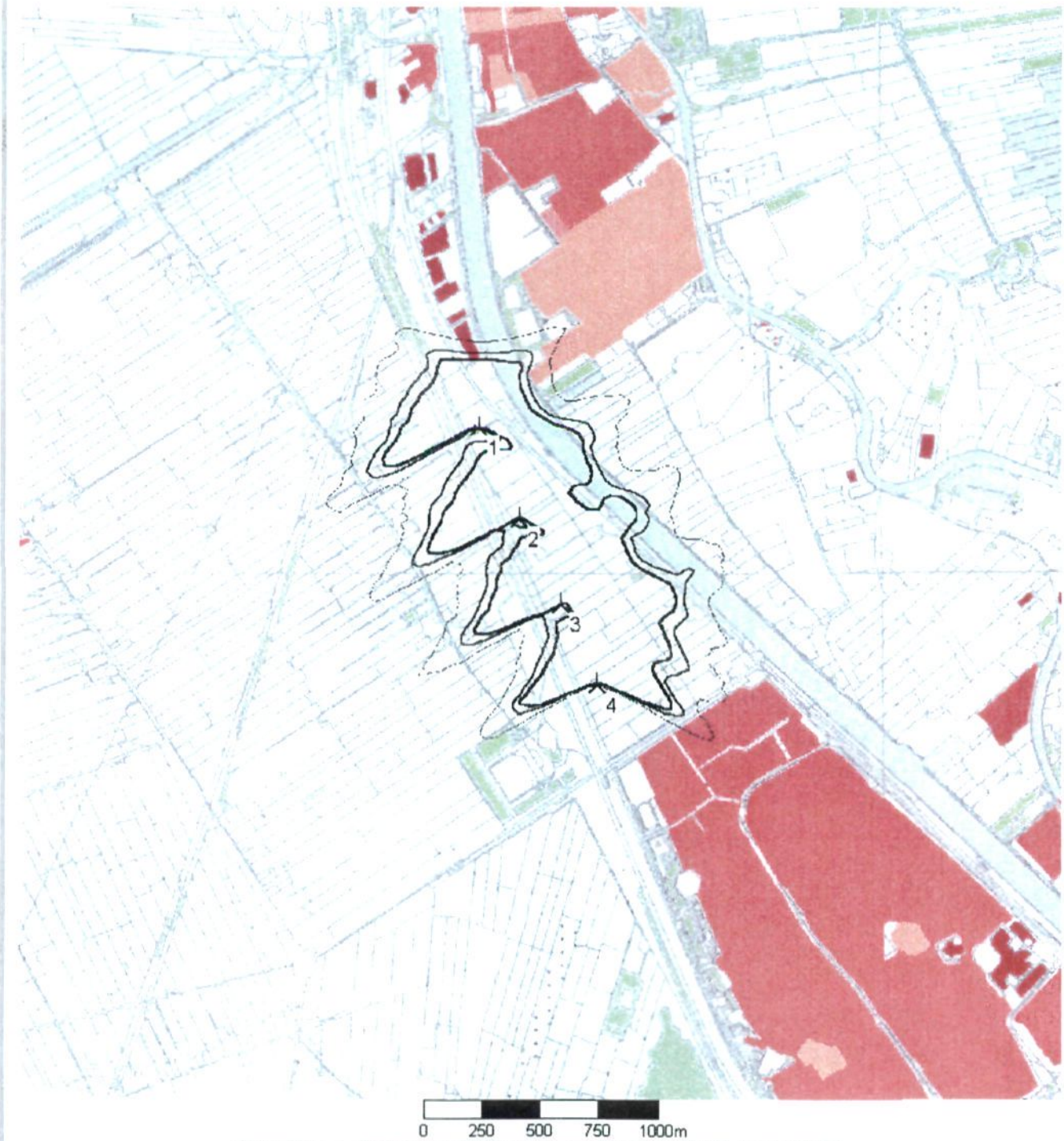
+ 31 (0) 50 5214243
Drs. B.Pents

Calculated:
07-08-2003 12:39/2.3.0.132

SHADOW - Breukelen (85)

Calculation: Breukelen Alternatief 1 zuid **File:** breukelen.bmi



Map: breukelen , Print scale 1:25.000, Map center RD East: 128.453 North: 462.528

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

42 70 89

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04/16/2003 3:32 PM/2.3.0.125

SHADOW - Breukelen (85)

Calculation: Locatie A2 Breukelen Basisalternatief Noordelijke lijnopstelling **File:** breukelen.bmi

Map: breukelen , Print scale 1:40,000, Map center RD East: 127,686 North: 467,466

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

39 62 77

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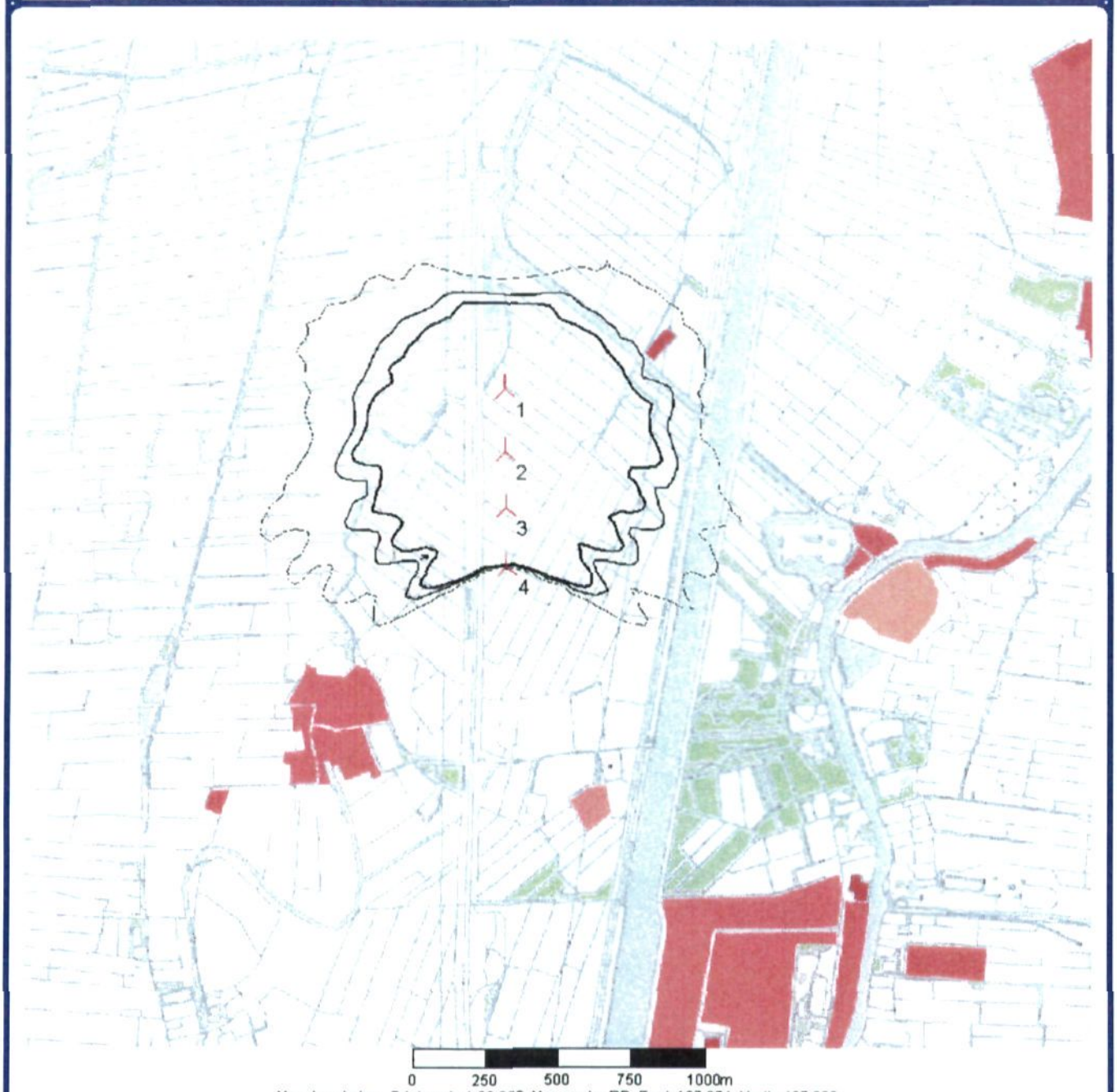
Calculated:
04/16/2003 3:55 PM/2.3.0.125

SHADOW - Breukelen (85)

Calculation: Locatie A2 Breukelen Alternatief 1 Noordelijke lijnopstelling **File:** breukelen.bmi



Map: breukelen , Print scale 1:20,000, Map center RD East: 127,874 North: 467,630

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

42 70 89

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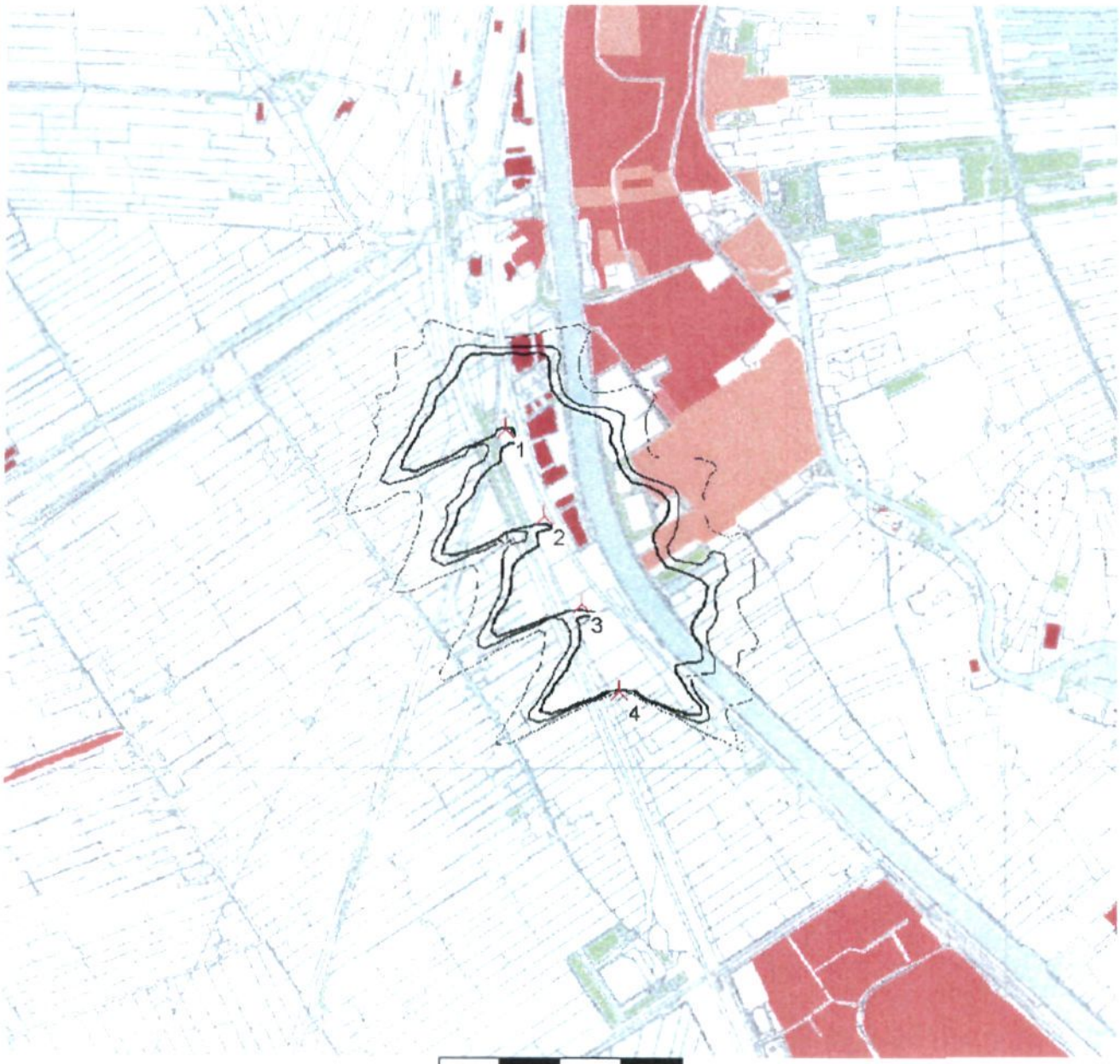
Calculated:
04/16/2003 3:45 PM/2.3.0.125

SHADOW - Breukelen (85)

Calculation: Locatie A2 Breukelen Basisalternatief Zuidelijke lijnopstelling **File:** breukelen.bmi



0 250 500 750 1000m

Map: breukelen , Print scale 1:25,000, Map center RD East: 128,086 North: 463,421

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Isolines showing shadow in Shadow hours per year. Worst case calculation.

— 39 — 62 — 77

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12/09/2003 12:57 PM/2.3.0.125

SHADOW - Breukelen

Calculation: Breukelen Noord en Zuid alt 1 124 **File:** breukelen.bmi

0 1 2 3 4 km

Map: breukelen , Print scale 1:75,000, Map center RD East: 127,867 North: 465,335

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

— 25 — 39 — 48

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MER Utrecht

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11/29/2003 5:54 PM/2.3.0.125

SHADOW - Breukelen

Calculation: Breukelen Alt 2 zuid **File:** breukelen.bmi

Map: breukelen , Print scale 1:20,000, Map center RD East: 127,978 North: 463,319

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

42 70 89

ROYAL HASKONING

LOCATIE EEMNES/BAARN-BUNSCHOTEN/AMERSFOORT

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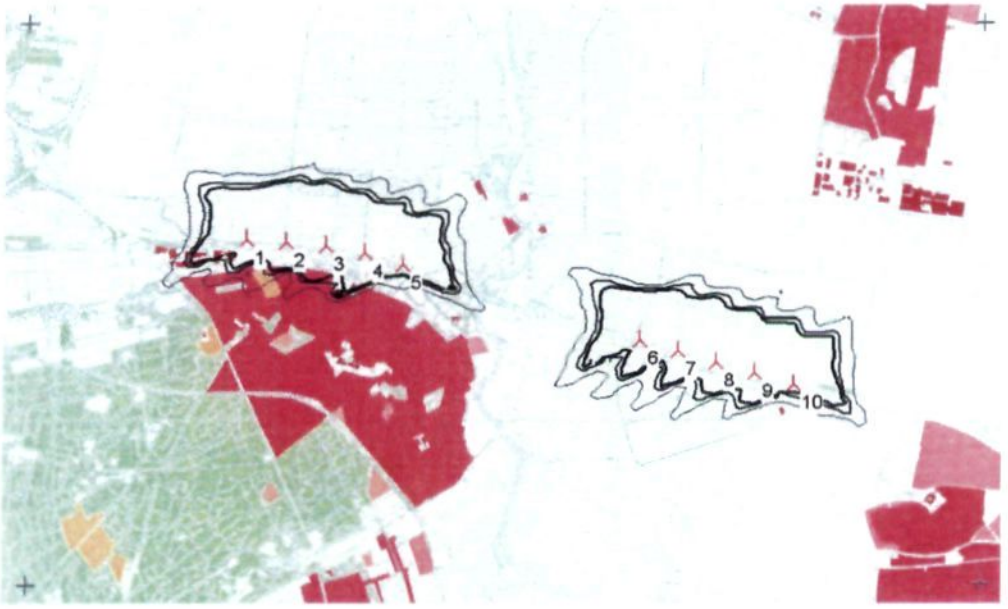
11/29/2003 3:13 PM/2.3.0.125

SHADOW - Eemnes

Calculation: Eemnes_Basis **File:** Eemnes.bmi



0 1 2 3 4 km

Map: Eemnes , Print scale 1:75,000, Map center RD East: 149,552 North: 470,019

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

24 38 47

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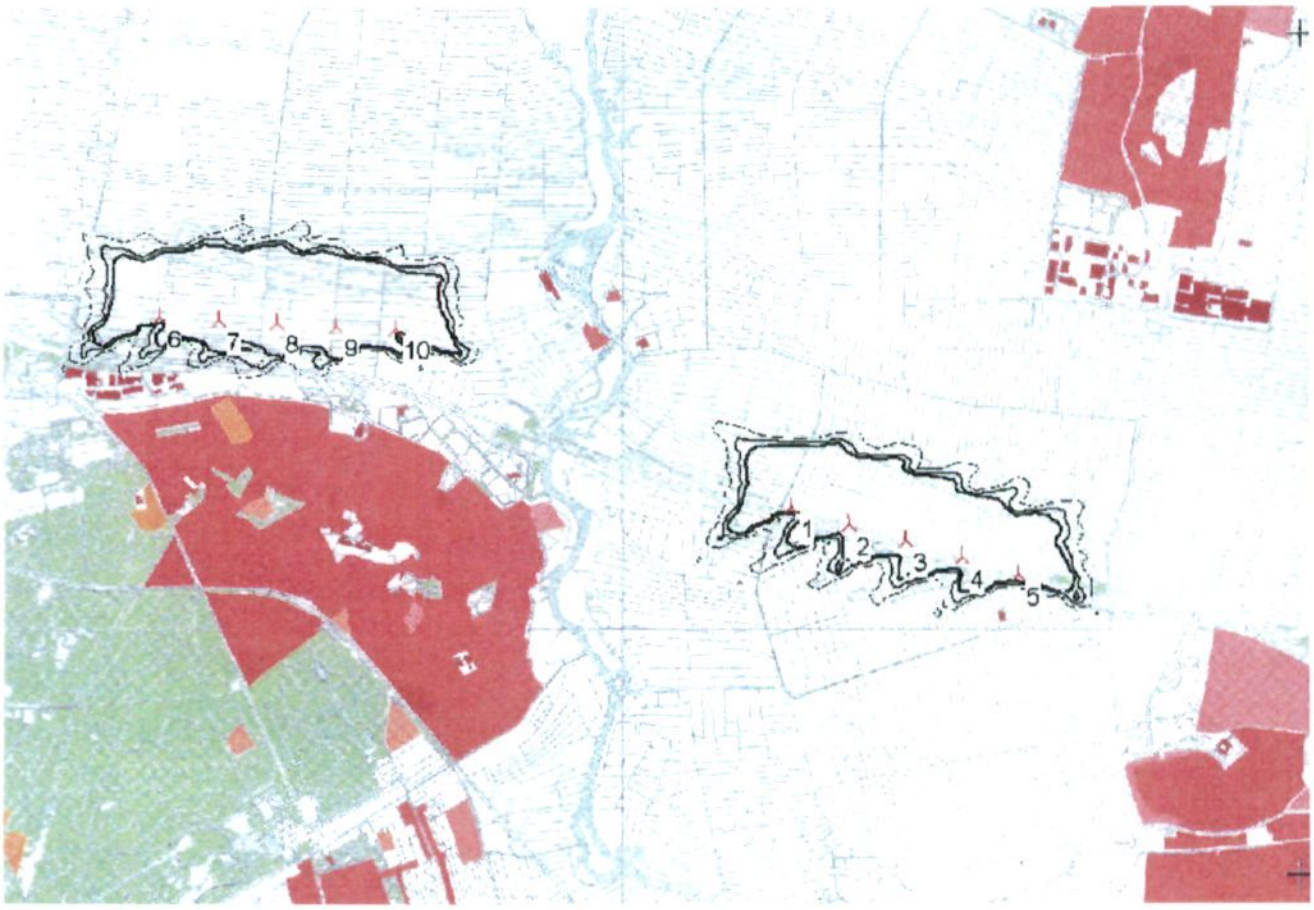
06/11/2003 1:24 PM/2.3.0.125

SHADOW - Eemnes (85)

Calculation: Locatie A1 Eemnes/Baarn Alternatief 1 **File:** Eemnes.bmi



0 500 1000 1500 2000 m

Map: Eemnes , Print scale 1:50,000, Map center RD East: 150,068 North: 469,625

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

30 44 55

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MER Utrecht

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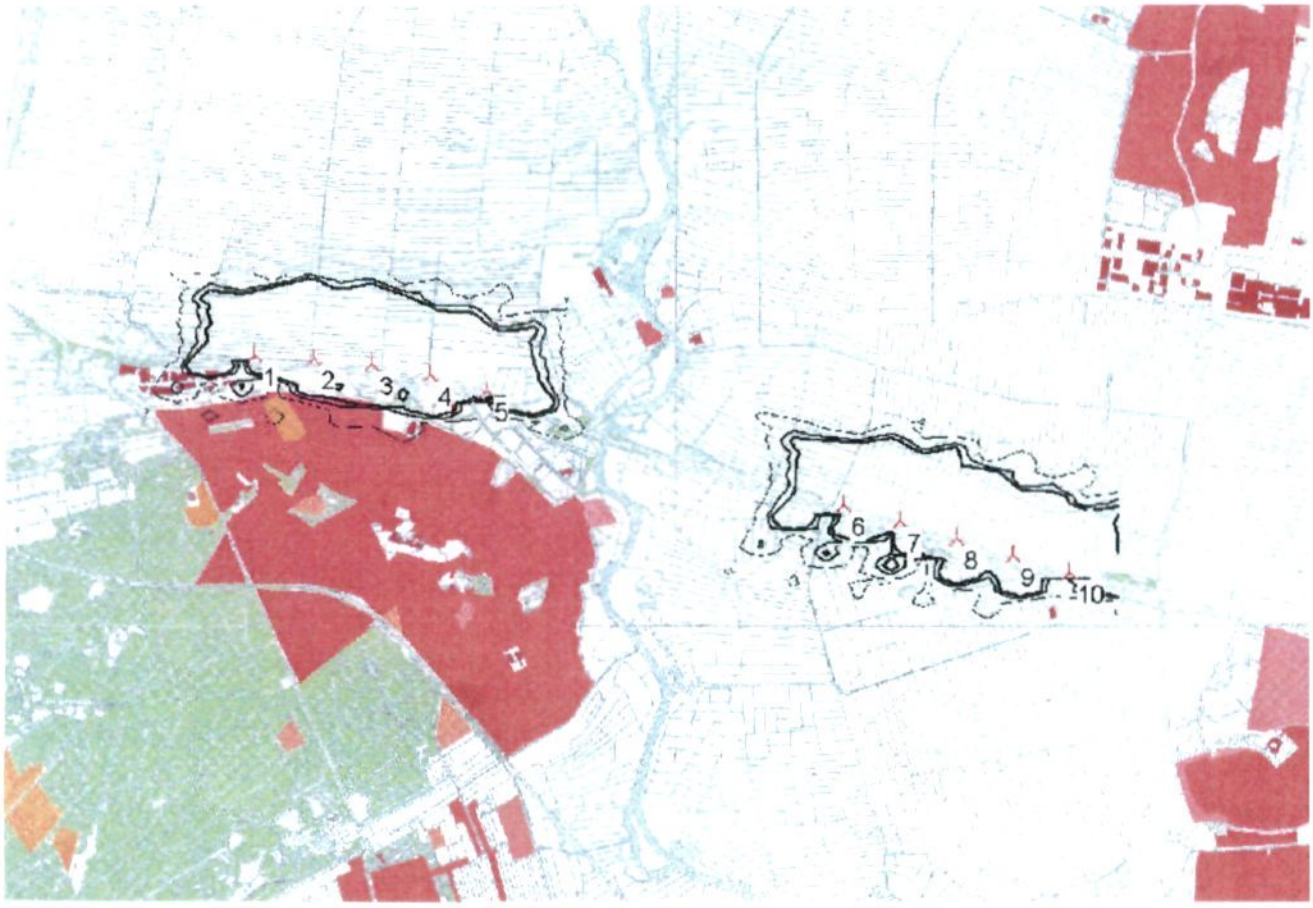
04/16/2003 11:17 AM/2.3.0.125

SHADOW - Eemnes (85)

Calculation: Locatie A1 Eemnes/Baarn Basisalternatief **File:** Eemnes.bmi



0 500 1000 1500 2000 m

Map: Eemnes , Print scale 1:50,000, Map center RD East: 149,703 North: 469,840

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

24 38 47

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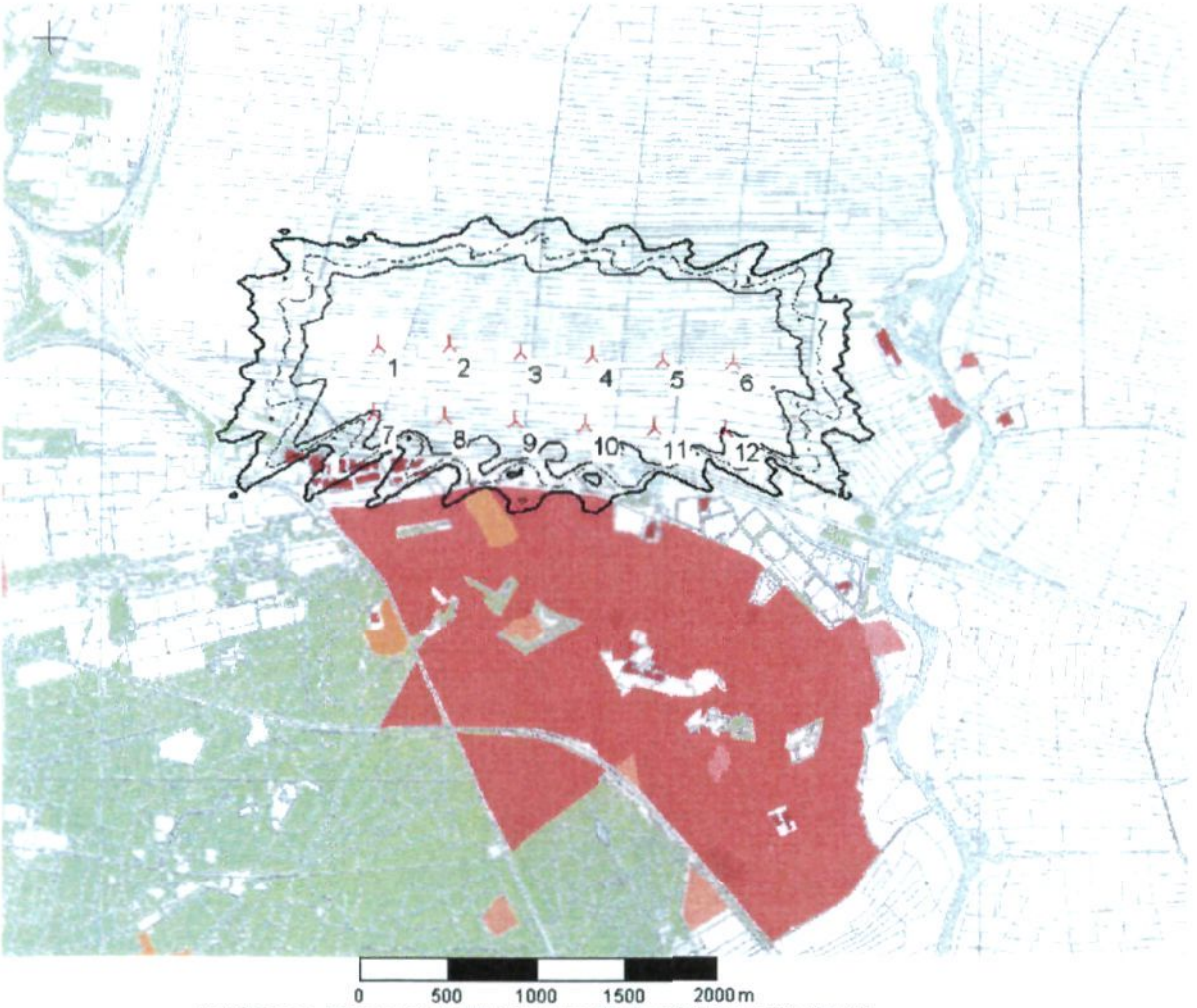
06/11/2003 3:49 PM/2.3.0.125

SHADOW - Eemnes (85)

Calculation: Locatie Eemnes/Baarn Alternatief 2 **File:** Eemnes.bmi



Map: Eemnes , Print scale 1:40,000, Map center RD East: 147,345 North: 471,155

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

42 65 25

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MER Utrecht

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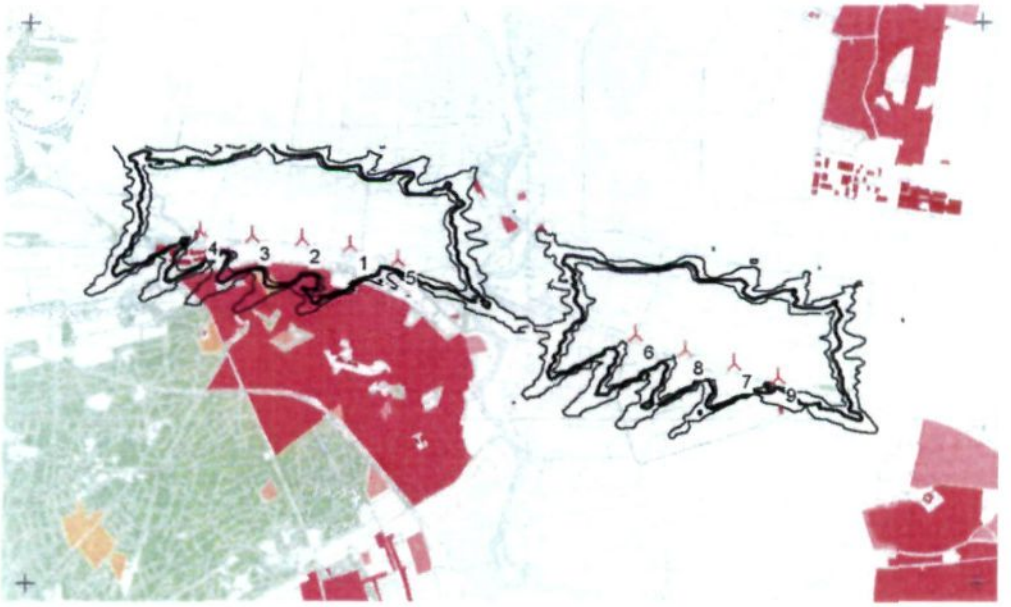
SHADOW - Eemnes

Calculation: Eemnes Basis 124 **File:** Eemnes.bmi



0 1 2 3 4 km

Map: Eemnes , Print scale 1:75,000, Map center RD East: 149,467 North: 470,000

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

23 35 44

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MER Utrecht

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SHADOW - Eemnes

Calculation: Eemnes Alternatief 1 **File:** Eemnes.bmi

0 500 1000 1500 2000 m

Map: Eemnes , Print scale 1:50,000, Map center RD East: 149,730 North: 470,173

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

30 44 55

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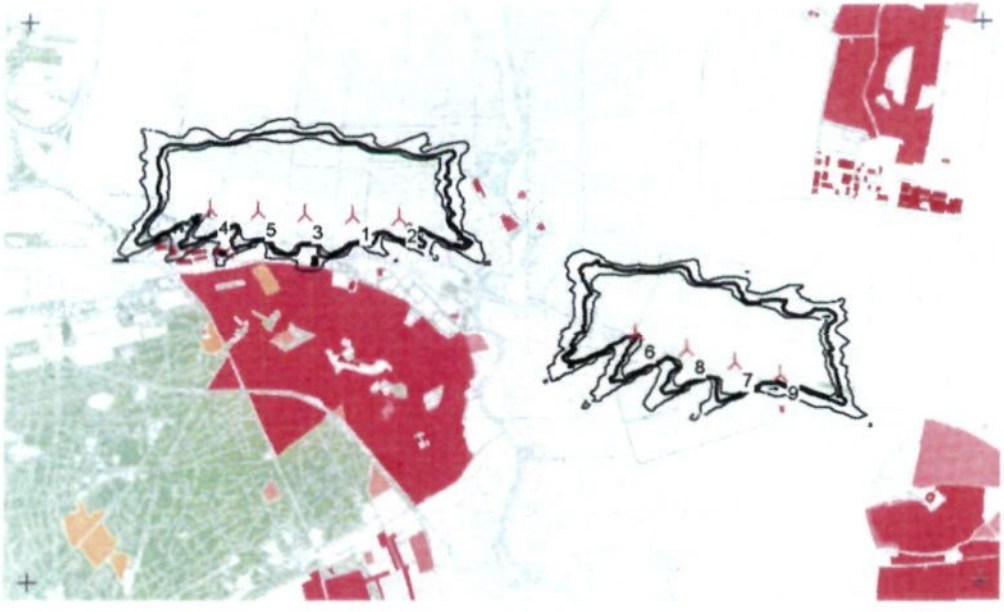
1/1/2004 9:23 PM/2.3.0.125

SHADOW - Eemnes

Calculation: Eemnes alt 1 124 **File:** Eemnes.bmi



0 1 2 3 4 km

Map: Eemnes , Print scale 1:75,000, Map center RD East: 149,349 North: 470,180

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

31 46 58

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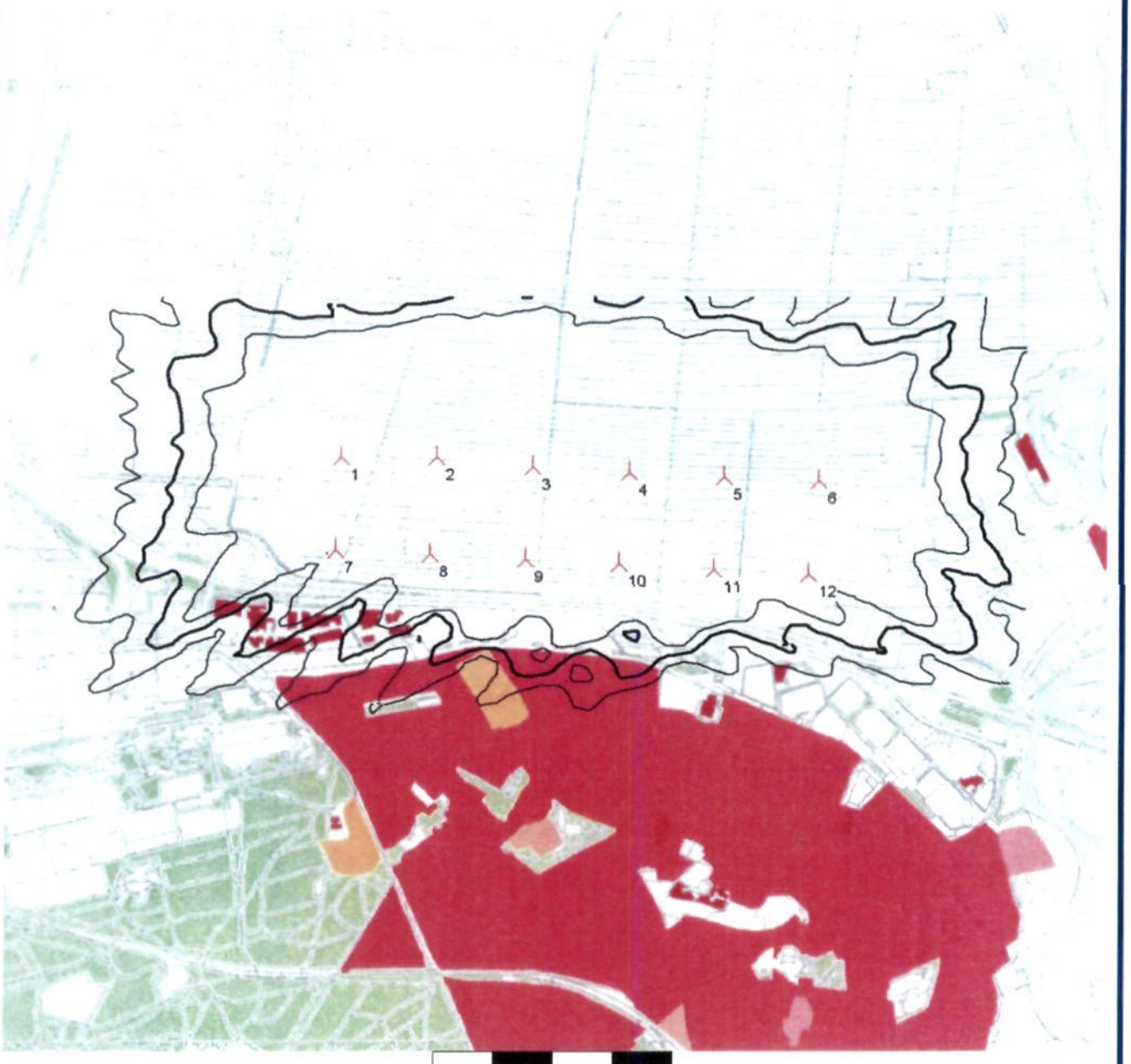
SHADOW - Eemnes

Calculation: Eemnes Alt 2 cluster **File:** Eemnes.bmi



0 250 500 750 1000m

Map: Eemnes , Print scale 1:25,000, Map center RD East: 147,399 North: 470,851

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

25 42 65

ROYAL HASKONING

LOCATIE WOERDEN-HARMELEN

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MER Utrecht

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SHADOW - Woerden

Calculation: Woerden Basis woerden zw en zo **File:** Woerden.bmi

0 500 1000 1500 2000 m

Map: Woerden , Print scale 1:40,000, Map center RD East: 118,836 North: 453,596

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

39 67 89

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MER Utrecht

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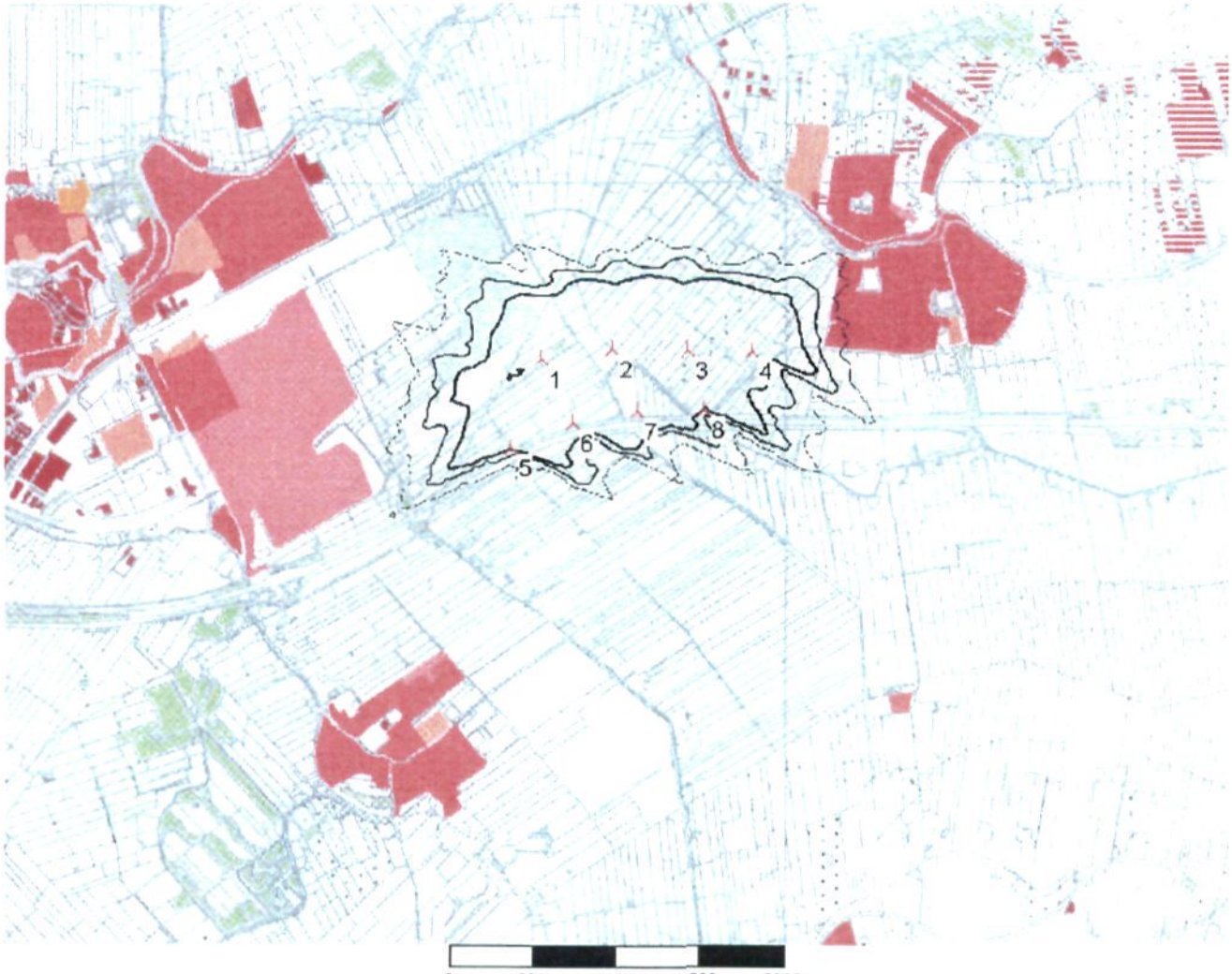
Calculated:
06/11/2003 4:21 PM/2.3.0.125

SHADOW - Woerden (85)

Calculation: Locatie Woerden-Harmelen Alternatief 2 **File:** Woerden.bmi



0 500 1000 1500 2000 m

Map: Woerden , Print scale 1:40,000, Map center RD East: 123,846 North: 455,035

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

25 44 72

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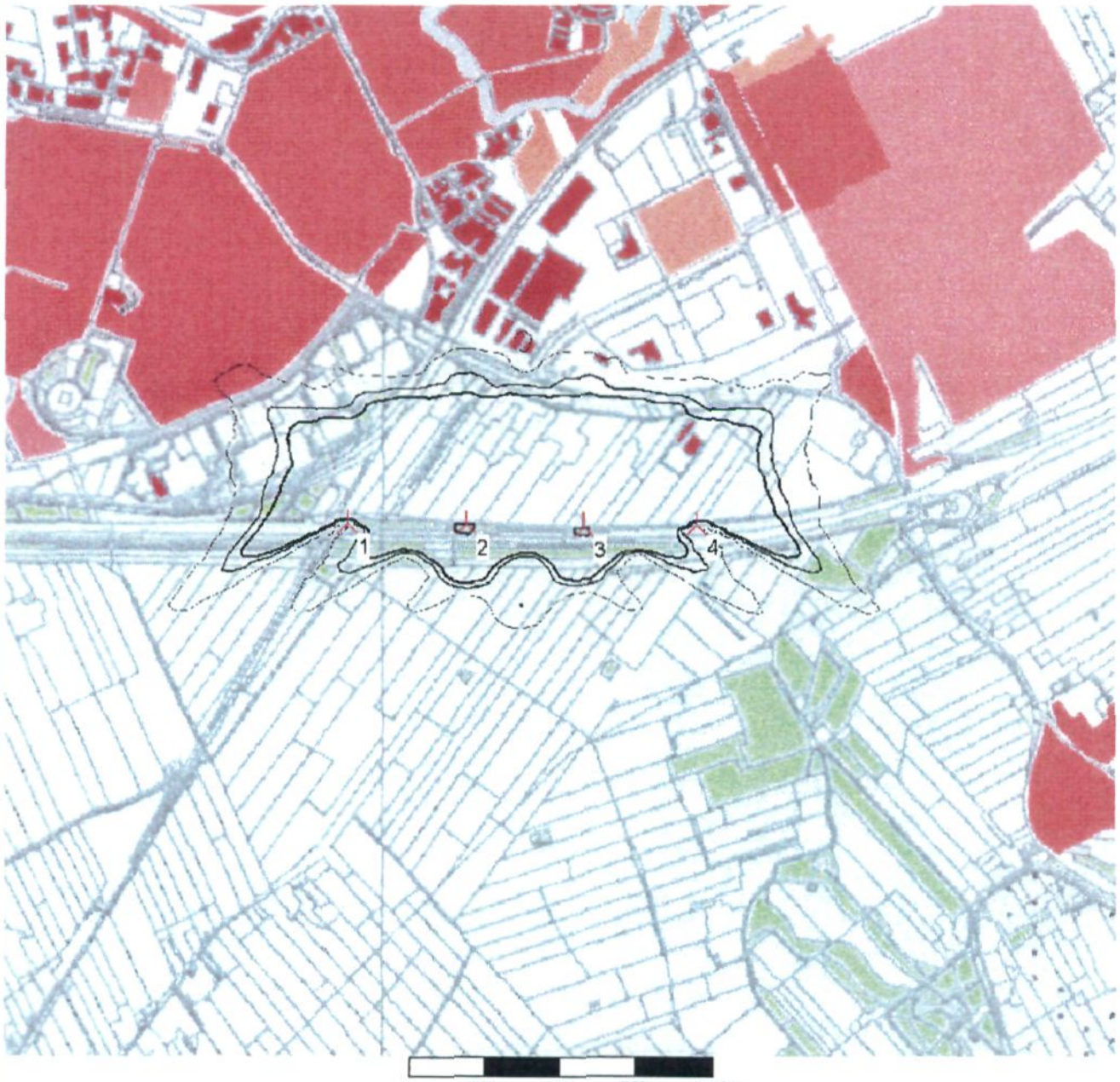
SHADOW - Woerden (85)

Calculation: Locatie Woerden-Harmelen Alternatief 1 Lijnopstelling ten zuidoosten Woerden **File:** Woerden.bmi



0 250 500 750 1000m

Map: Woerden , Print scale 1:20,000, Map center RD East: 120,532 North: 453,614

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

39 67 86

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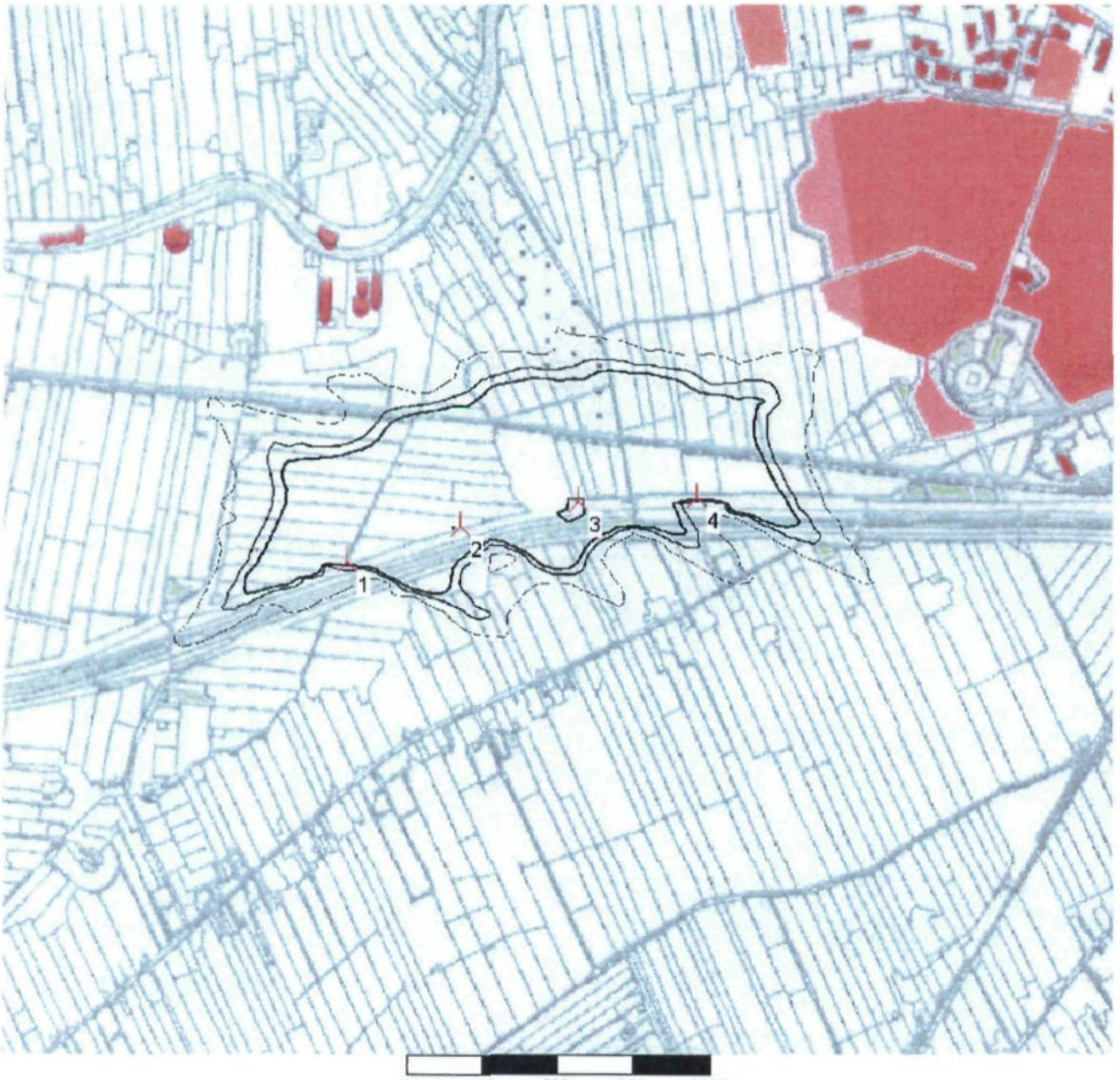
04/16/2003 1:57 PM/2.3.0.125

SHADOW - Woerden (85)

Calculation: Locatie Woerden-Harmelen Alternatief 1 Lijnopstelling ten zuidwesten Woerden **File:** Woerden.bmi



0 250 500 750 1000m

Map: Woerden , Print scale 1:20,000, Map center RD East: 117,494 North: 453,554

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

39 67 86

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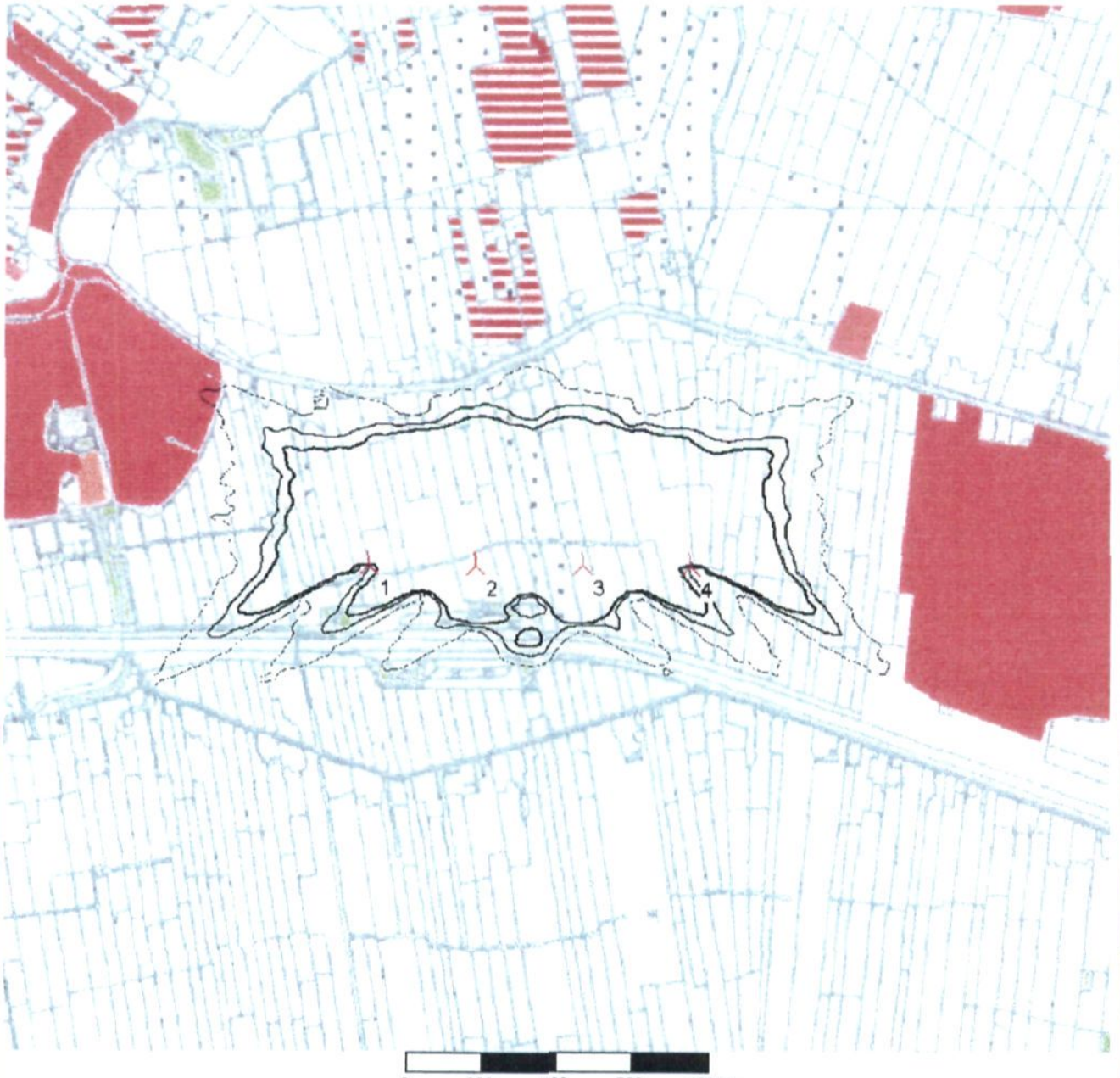
SHADOW - Woerden

Calculation: Locatie Woerden-Harmelen Alternatief 1 Lijnopstelling ten zuidwesten Harmelen **File:** Woerden.bmi



0 250 500 750 1000m

Map: Woerden , Print scale 1:20,000, Map center RD East: 127,531 North: 455,123

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

— 31 — 52 — 67

Project:
MER Utrecht

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04/16/2003 2:18 PM/2.3.0.125

SHADOW - Woerden (85)

Calculation: Locatie Woerden-Harmelen Basisalternatief Lijnopstelling ten zuidoosten Harmelen **File:** Woerden.bmi

0 250 500 750 1000m

Map: Woerden , Print scale 1:20,000, Map center RD East: 126,771 North: 454,848

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

39 67 89

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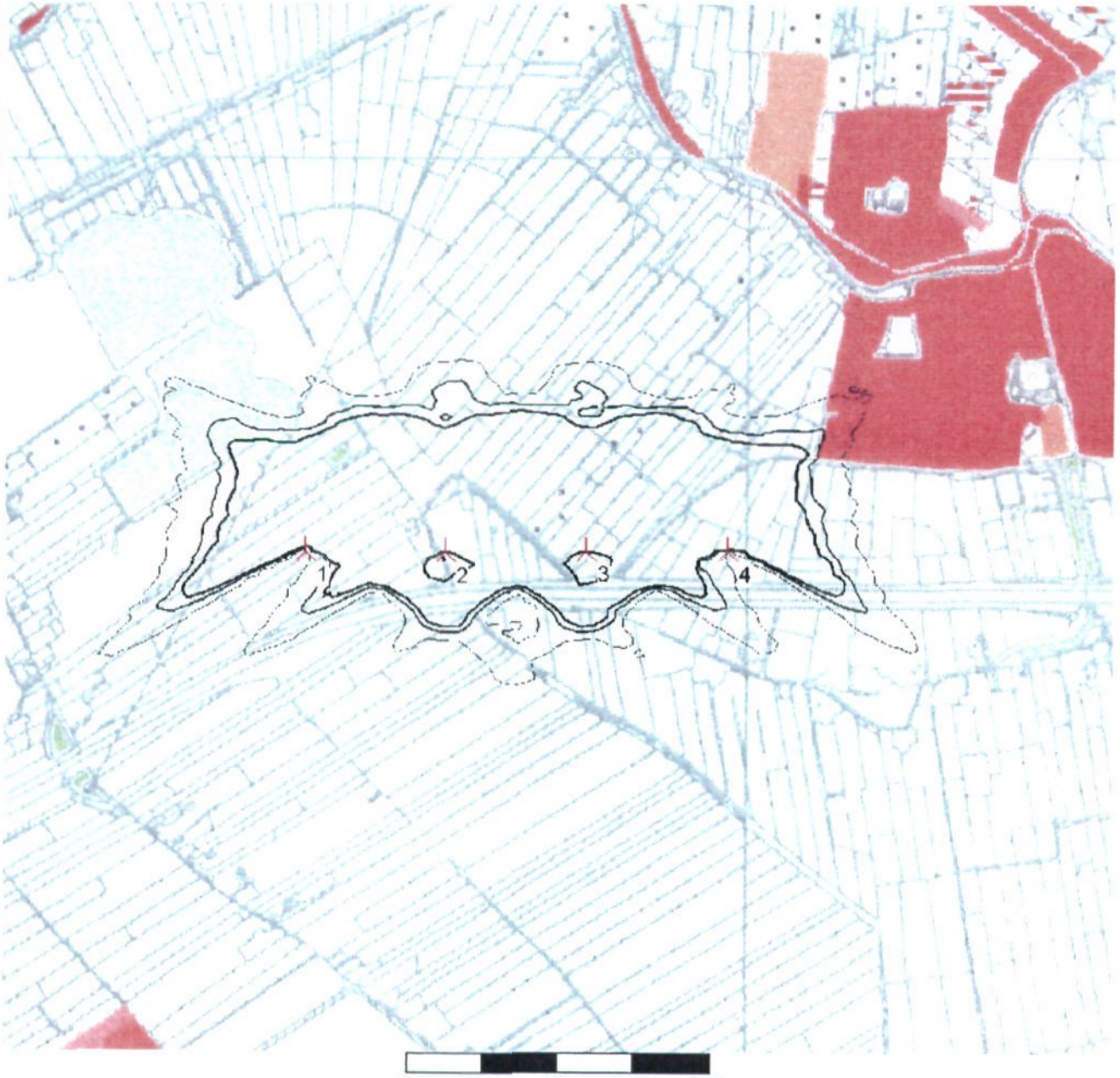
SHADOW - Woerden (85)

Calculation: Locatie Woerden-Harmelen Alternatief 1 Lijnopstelling ten zuidwesten Harmelen **File:** Woerden.bmi



Map: Woerden , Print scale 1:20,000, Map center RD East: 124,314 North: 454,959

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

31 52 67

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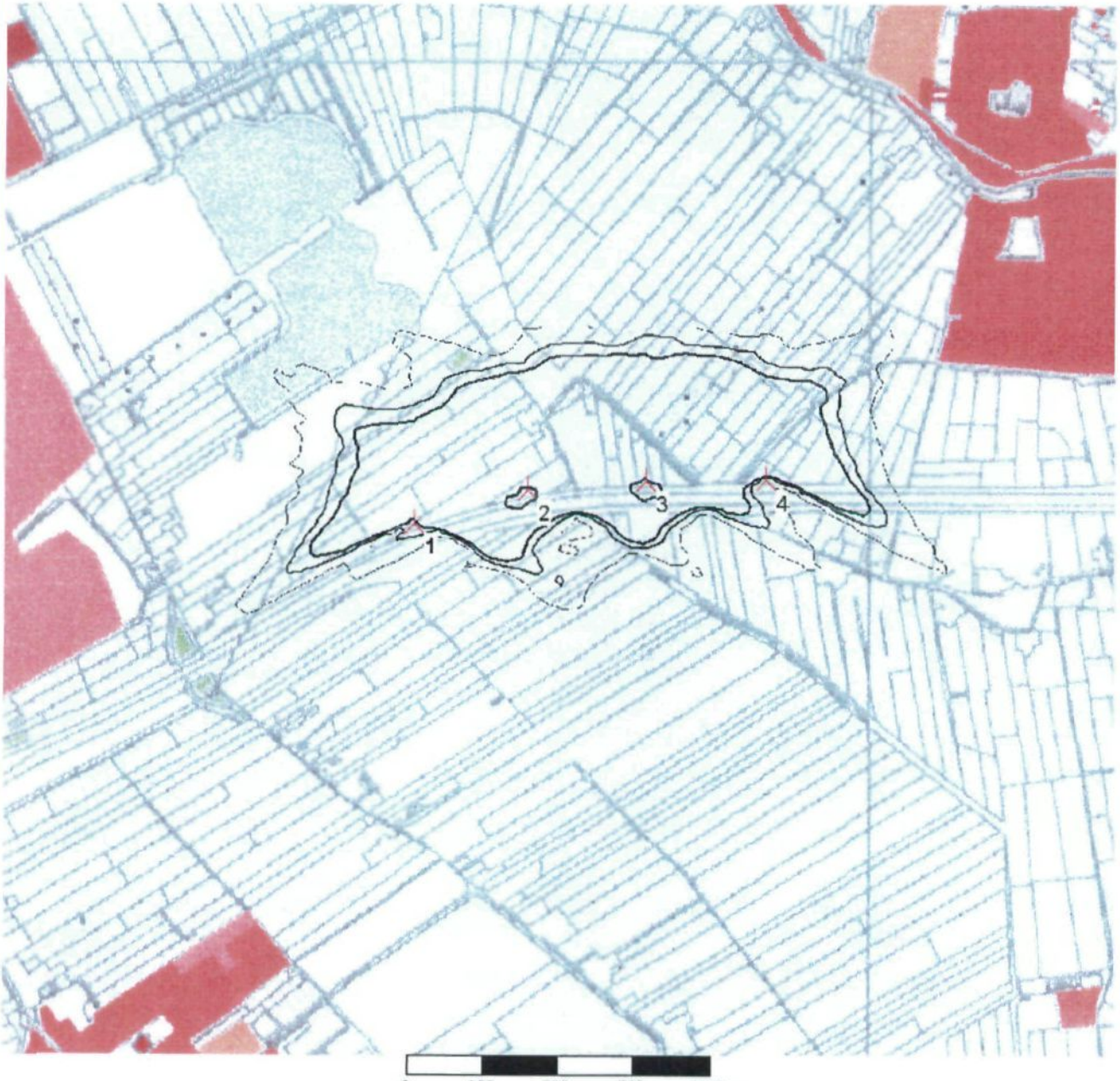
04/16/2003 2:14 PM/2.3.0.125

SHADOW - Woerden (86)

Calculation: Locatie Woerden-Harmelen Basisalternatief Lijnopstelling ten zuidwesten Harmelen **File:** Woerden.bmi



0 250 500 750 1000m

Map: Woerden , Print scale 1:20,000, Map center RD East: 123,905 North: 454,631

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

39 67 89

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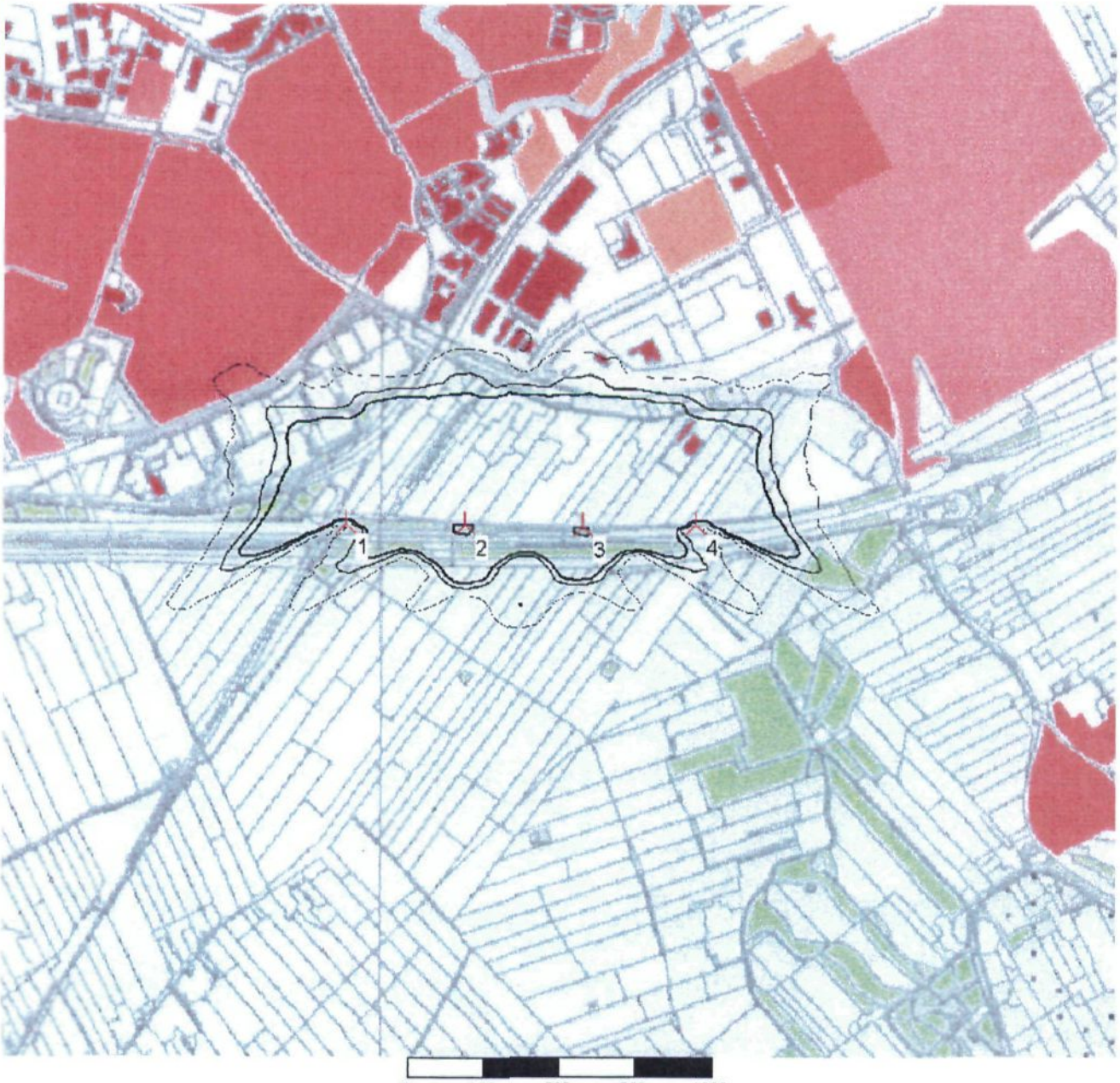
SHADOW - Woerden (85)

Calculation: Locatie Woerden-Harmelen Basisalternatief Lijnopstelling ten zuidoosten Woerden **File:** Woerden.bmi



0 250 500 750 1000m

Map: Woerden , Print scale 1:20,000, Map center RD East: 120,532 North: 453,614

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

— 39 — 67 — 86

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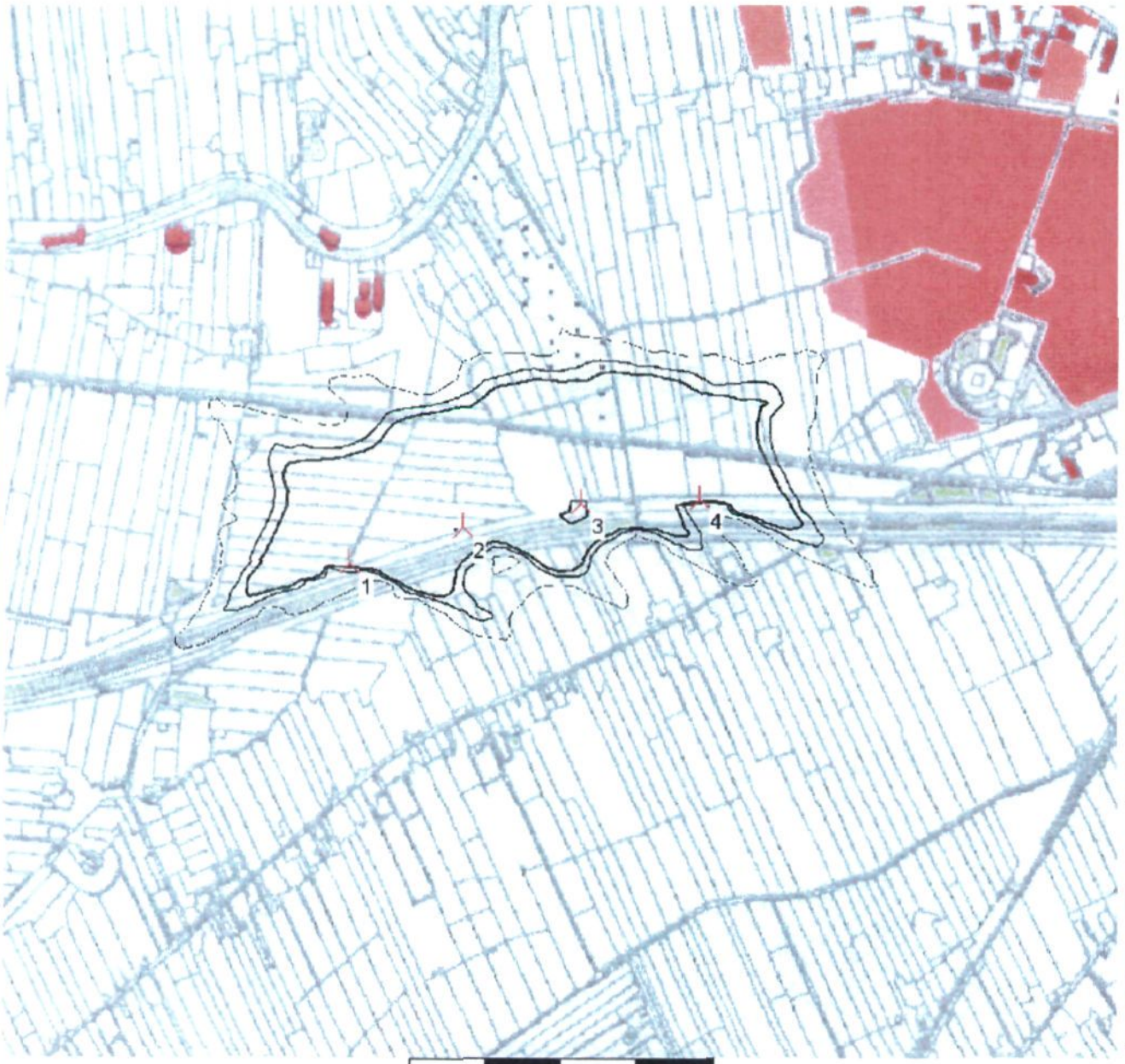
04/16/2003 1:57 PM/2.3.0.125

SHADOW - Woerden (85)

Calculation: Locatie Woerden-Harmelen Basisalternatief Lijnopstelling ten zuidwesten Woerden **File:** Woerden.bmi



0 250 500 750 1000m

Map: Woerden , Print scale 1:20,000, Map center RD East: 117,494 North: 453,554

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

39 67 86

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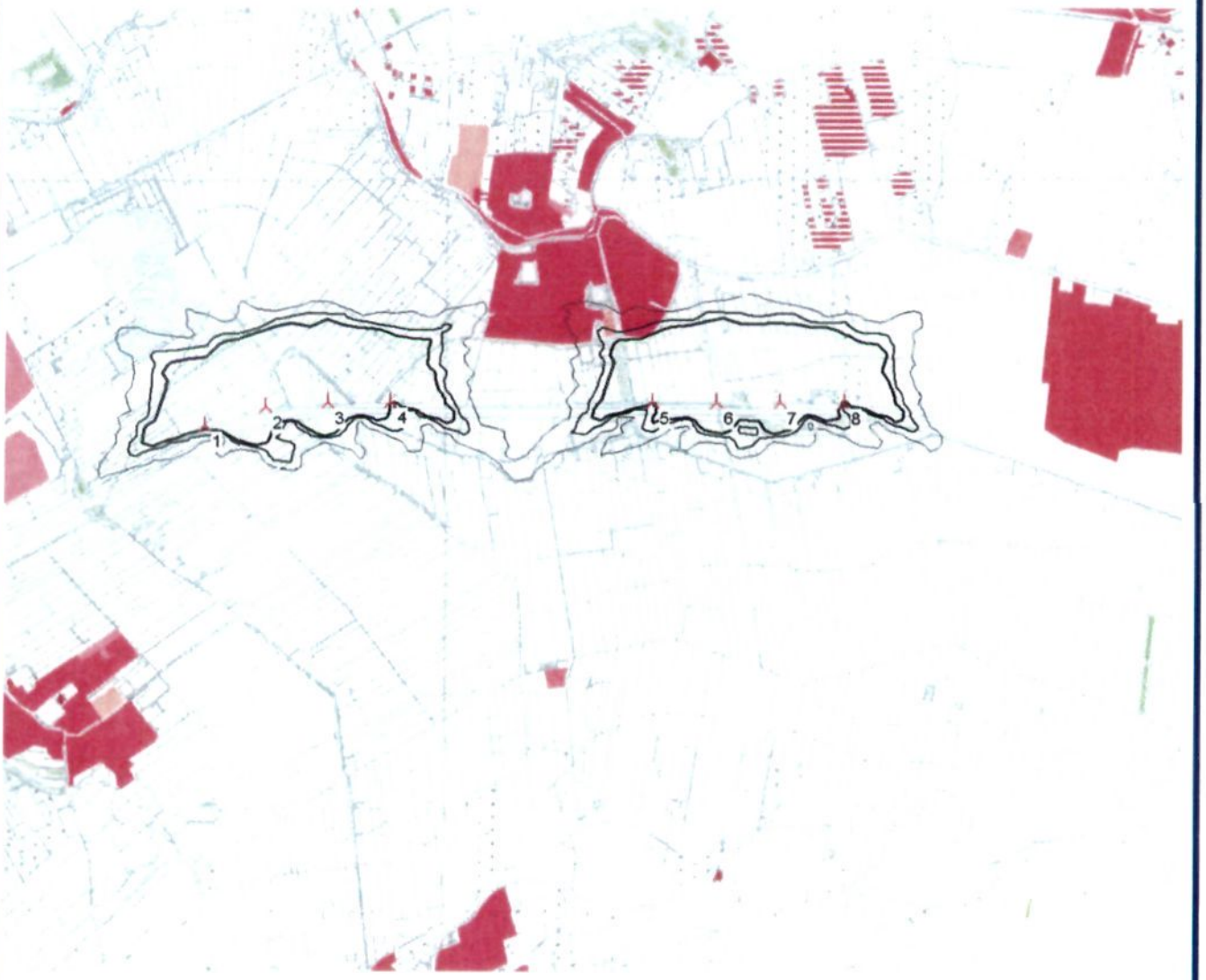
SHADOW - Woerden

Calculation: Woerden Basis harmelen zw en zo **File:** Woerden.bmi



0 500 1000 1500 2000 m

Map: Woerden , Print scale 1:40,000, Map center RD East: 125,794 North: 454,493

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

39 67 89

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SHADOW - Woerden

Calculation: Woerden basis 124 **File:** Woerden.bmi

0 1 2 3 4 km

Map: Woerden , Print scale 1:100,000, Map center RD East: 122,449 North: 454,593

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

37 65 83

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SHADOW - Woerden

Calculation: Woerden alt 1 woerden EN harmelen 95 **File:** Woerden.bmi

0 1 2 3 4 km

Map: Woerden , Print scale 1:100,000, Map center RD East: 123,252 North: 455,158

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

31 52 67

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SHADOW - Woerden

Calculation: Woerden alt 1 124 **File:** Woerden.bmi

0 1 2 3 4 km

Map: Woerden , Print scale 1:100,000, Map center RD East: 122,725 North: 454,592

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

37 65 83

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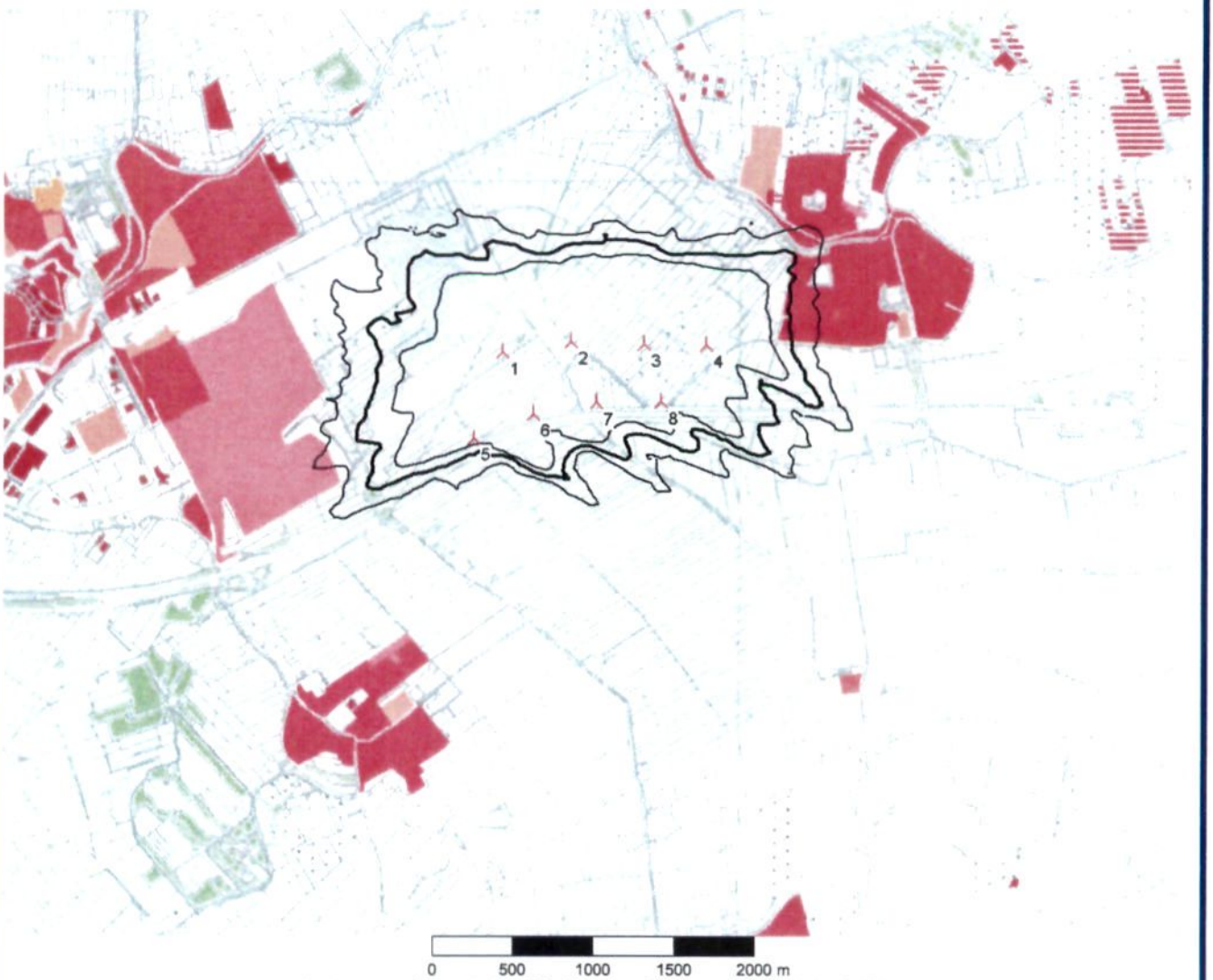
SHADOW - Woerden

Calculation: Woerden Alt 2 **File:** Woerden.bmi



Map: Woerden , Print scale 1:40,000, Map center RD East: 123,973 North: 454,926

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

25 44 72

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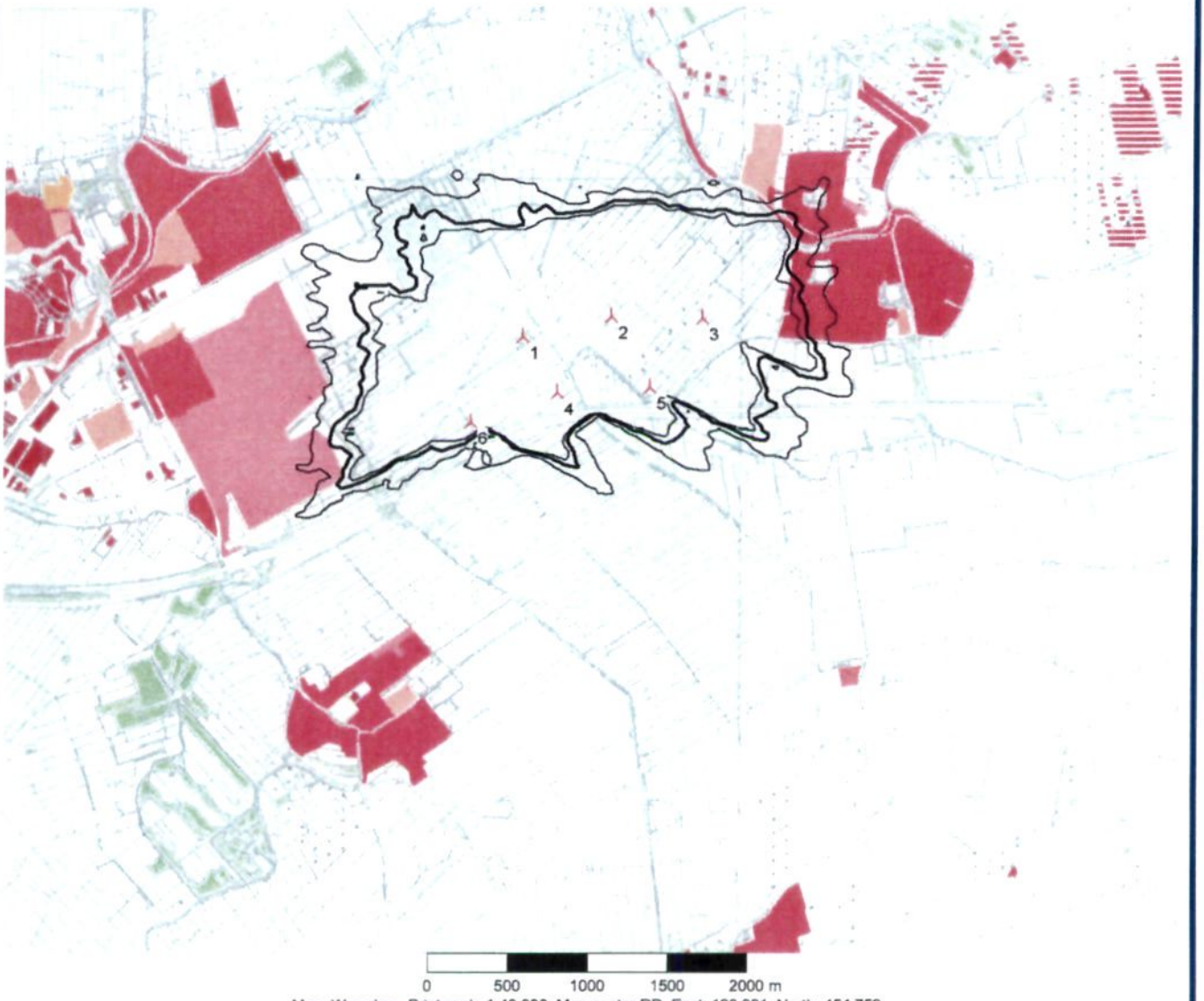
Calculated
12/09/2003 12:45 PM/2.3.0.125

SHADOW - Woerden

Calculation: Woerden alt 2 124 **File:** Woerden.bmi



Map: Woerden , Print scale 1:40,000, Map center RD East: 123,931 North: 454,752

New WTG

Isolines showing shadow in Shadow hours per year. Worst case calculation.

28 46 57