

Turku Rettiginrinne 2000-2001  
Liite IX  
Maayksikkökartat

## Maayksikköjen sijainti, muoto ja koko

Silja Salminen

Maayksikköjen sijaintia, muotoa ja kokoa koskevia tietoja löytyy sekä maayksikkölomakkeista että maayksikkökartoista. On syytä painottaa, että **maayksikköjen koordinaatit ovat vain suuntaa-antavia**. Maayksikön **rajat ovat usein epäselvät**, ja voidaan puhua ennemminkin rajavyöhykkeestä kuin linjana piirrettävästä rajasta. Lisäksi **rajat muuttuvat jatkuvasti** kaivaustilanteessa, ja karttoitus voi tavoittaa tilanteen vain yhtenä tai muutamana hetkenä. Selväräjaiset yksiköt ovat harvinaisen poikkeus.

Tietokantaan merkityt **koordinaatit kuvaavat maayksiköiden ulottuvuuksia**, mutta ikävä kyllä ne eivät havainnollista yksikön muotoa. Esim. yksittäinen yksiköstä erkaneva lonkero saattaa äärikoordinaateillaan antaa kuvan huomattavasti suuremmasta yksiköstä kuin mistä todellisuudessa oli kyse, tai kolmiomaisen yksikön kulmakoordinaatit saattavat luoda mielikuvan neliömäisestä, kaksi kertaa suuremmasta alueesta. **Yksiköiden muoto selvinneekin parhaiten maayksikkökartoista**.

**Rajojen selkeyttä** voi jossain määrin arvioida karttamerkinnoista. Epäselvät, liukuvasti vaihtuvat rajat on merkitty varjostuksella. Mitä leveämpi varjostus, sitä leveämpi vaihtumavyöhyke kahden yksikön rajalla. Suhteellisen selvät rajat taas on merkitty katkoviivalla; nämäkään rajat eivät silti yleensä olleet mitenkään veitsellä leikattuja. Myös maayksikkötietoihin tietokantaan on usein merkitty ylärajapinnan, sivurajojen ja alarajapinnan selkeys.

## Maayksikkökartat

Maayksiköt on piirretty kartoiksi alueittain. Yhden alueen kaikki yksiköt piirrettiin siis samaan karttaan. Jokainen yksikkö piirrettiin omaksi kerrokseksi, jolloin sitä voi tarkastella erikseen tai haluttujen muiden yksiköiden kanssa yhdessä. Valmiista kartoista kytkettiin kaikki yksiköt pois näkyvistä. Kun maayksikkökartan avaa, näkyvissä ovat siis vain alueen rajat, koordinaatisto ja koko kaivamisen ajan säilyneet elementit.

Tarkastelua varten on tiedettävä mitkä yksiköt halutaan näkyviin ja kytkettävä niiden kerrokset näkyville. Tämä AutoCadin toiminto on siis tunnettava. Yksiköt on piirretty muutamalla eri värillä, mikä saattaa helpottaa varsinkin päällekkäisten yksiköiden erottamista toisistaan. Näkyviin voi kytkeä kerralla vaikka koko kartan yksiköt, mutta tulos on hyvin sekava.

Myös tulostusta koskee, että tulee tietää, mitkä yksiköt haluaa näkyviin tulosteeseen. Yksiköitä voi ensin tarkastella AutoCadin mallitilassa ja siinä valita, mitkä yksiköt voi tulostaa samalle kartalle selkeästi. Kun halutut yksiköt on valittu näkyville mallitilassa, ne normaalisti näkyvät myös tulostustilassa. Kuhunkin maayksikkökarttaan on laadittu valmis karttapohja Tuloste. Kun halutut yksiköt on valittu ja kytketty näkyviin, voidaan siirtyä tälle Tuloste-välilehdelle ja tulostaa kartta sieltä. Kannattaa ottaa huomioon, että värit eivät toistu kaikilla tulostimilla, joten tulos voi olla paperilla mustavalkoinen ja vaikeammin hahmotettavissa. Eri yksiköiden tekstit tms. voivat osua osin päällekkäin. Mikäli tuntee AutoCadin toimintaa, voi tekstejä tarvittaessa hieman siirtää ja karttaa muutoinkin siistiä ja yksinkertaistaa, mutta varovaisuus on tarpeen; elementtejä ei pidä ainakaan poistaa tai siirtää pysyvästi, eli mahdollisia muutoksia ei pidä tallentaa.

Isoimmilla alueilla BC, D ja GH oli yksiköitä hyvin paljon, joten hieman pienempien kokonaisuuksien luomiseksi jaettiin näiden alueiden yksiköt myös osakarttoihin (BCalue1, BCalue2 jne.). Perusteena käytettiin yksiköiden oletettuja kausiajotuksia (esim. keskiaika, 1650-1750). Näin ollen isojen alueiden osakartat ovat samalla suunnilleen ajoituksellisia vaihekarttoja. Ajoitukset olivat kuitenkin kartoja piirtäessä hyvin summittaisia.

**Kokonaiskuvan luominen tietystä alueesta tai kaivausvaiheesta voi olla hankalaa**. Yksiköitä ei monessakaan paikassa voi sijoitella siististi vierekkäin isoksi tasoksi tasokaivauskarttojen tapaan. Tämä on väistämätön seuraus yksiköittäin tapahtuneesta kaivauksesta ja dokumentoinnista. Vierekkäiset yksiköt olivat todellisessa tilanteessa kaivauksilla yleensä osin lomittain ja päällekkäin, ja siksi ne osuvat siten myös kartoissa. **Kaivaustilanteita voi yrittää rekonstruoida rakennekarttojen perusteella**, joihin yleensä on merkitty tärkeimmät rakenteiden viereiset maayksiköt. Tämä ei tietenkään tarkoita, että nämä maayksiköt esim. olisivat rakenteen kanssa samanaikaisia; ne ovat vain kaivauksilla olleet esillä samoihin aikoihin. **Matriiseista voi tarkistaa, mitkä maayksiköt menneisyydessä ovat todennäköisesti olleet suunnilleen samanaikaisia**, 50-100 vuoden haarukassa. Tietokannan maayksikkötiedoista voi etsiä samalla korkeudella sijainneita yksiköitä; tällä ei kuitenkaan ole paljonkaan käyttöä, koska kyseessä oli jyrkähkö rinnetontti. Maayksikkötiedoista selviää usein myös suoraan, mitkä yksiköt ovat olleet kaivaessa vierekkäin ainakin osan aikaa. Näitä voi yhdistellä samaan karttanäkymään tarkastelua varten, joskin kyseessä on kaivaustekninen yhdistelmä, ei välttämättä esim. samanaikainen.

## Karttamerkinnoista:

**Katkoviiva** osoittaa maayksikön melko selkeää rajaa.

**Vinovarjostus** osoittaa yksikön epäselvempää rajavyöhykettä, jossa maayksiköt esim. sekaantuvat toisiinsa.

**Porravarjostus**, yleensä alueen rajoilla, osoittaa katvealuetta joka jäi kaivamatta. Profiileilla on taipumus ”levitä alaspäin” eli työntyä kaivausalueelle; tämä näkyy katvealueen laajenemisena.

**Hakakatoviiva** merkitsee korkeuseroa. Hakaset ovat maaportaan matalammalla puolella.



## Maayksiköt ajoitusvaiheittain

Silja Salminen

BC-alueen maayksiköt, vaihe 1 (uusimmat maayksiköt 1700-luvulta 1900-luvulle)

M203, M204, M206, M207, M208, M210, M212, M217, M218, M220, M222, M224, M225

BC-alueen maayksiköt, vaihe 2 (noin 1650-1750)

M201, M202, M204, M205, M206, M211, M219, M229, M232, M233, M251, M254, M258, M260

BC-alueen maayksiköt, vaihe 3 (noin 1600-luku)

M204, M209, M214, M215, M216, M261, M262, M263, M264, M265, M266, M267, M268, M269, M271, M272, M273, M274, M275, M279, M284, M285, M286, M287, M291, M292, M293, M298, M300, M306, M307, M315, M319, M320, M321, M323, M333, M336, M361, M362, M363, M389

BC-alueen maayksiköt, vaihe 4 (noin 1500-luku, ehkä osin 1600-luvulle asti)

M213, M296, M301, M308, M309, M324, M325, M326, M327, M332, M335, M337, M340, M341, M342, M344, M345, M346, M347, M348, M353, M354, M356, M357, M358, M364, M365, M370, M376, M377, M379, M381, M387, M390, M391, M395, M398, M399, M402, M403, M404, M405, M407, M410, M413, M431

BC-alueen maayksiköt, vaihe 5 (suunnilleen keskiajalta alkaen, 1500-luku)

M346, M347, M374, M397, M406, M409, M418, M421, M425, M437, M470, M492, M498, M499, M509, M511, M512, M513, M514, M516, M518, M525, M526, M542, M573

BC-alueen maayksiköt, vaihe 6 (suunnilleen keskiaika)

M356, M396, M412, M415, M416, M419, M420, M423, M424, M426, M429, M430, M432, M433, M434, M439, M440, M441, M442, M443, M448, M450, M451, M452, M455, M456, M458, M460, M464, M465, M466, M467, M468, M469, M471, M472, M473, M474, M475, M476, M477, M478, M479, M480, M481, M482, M483, M484, M485, M486, M487, M488, M490, M491, M493, M494, M497, M501, M505, M506, M507, M508, M510, M515, M517, M519, M521, M523, M524, M527, M528, M529, M530, M531, M532, M533, M534, M535, M536, M540

D-alueen maayksiköt, vaihe 1 (uusimmat maayksiköt 1700-luvulta 1900-luvulle)

M221, M223, M226, M227, M228, M230, M234, M235, M236, M242, M243, M245, M249, M339

D-alueen maayksiköt, vaihe 2 (noin 1600-luku)

M221, M223, M237, M238, M239, M241, M242, M244, M246, M247, M248, M249, M250, M252, M253, M255, M256, M257, M259, M270, M276, M277, M278, M280, M281, M282, M283, M288, M289, M290, M295, M297, M302, M303, M311

D-alueen maayksiköt, vaihe 3 (välivaihe keskiajan ja 1600-luvun välillä; varsinaisia 1500-luvun kerroksia ei D-alueella määritetty)

M221, M223, M242, M294, M299, M304, M305, M312, M313, M316, M317, M322, M328, M329, M331, M334, M338, M349, M350, M351, M352, M359

D-alueen maayksiköt, vaihe 4 (suunnilleen keskiaika)

M221, M223, M242, M310, M318, M330, M343, M355, M360, M366, M367, M368, M369, M371, M372, M378, M380,

M382, M383, M384, M385, M386, M388, M392, M393, M394, M400, M401, M408, M414, M417, M428, M435, M449, M462, M463

#### E-alueen maayksiköt

M436, M438, M444, M445, M446, M447, M453, M454, M457, M461, M495, M496, M500, M502, M504, M537, M538, M539, M541, M543, M544, M545, M546, M547, M548, M550, M551, M552, M553, M554, M555, M556, M557, M558, M559, M560, M561, M562, M563, M564, M565, M566, M567, M568, M569, M570, M571, M572, M574, M575, M576, M577, M578, M579, M580, M581, M743, M745, M768, M769, M776, M794, M795, M802, M803

#### F-alueen maayksiköt

M585, M586, M596, M625, M652, M656, M662, M667, M670, M671, M672, M674, M679, M693, M703, M704, M705, M706

#### GH-alueen maayksiköt, vaihe 1 (uusimmat maayksiköt 1700-luvulta 1900-luvulle)

M436, M438, M444, M582, M583, M584, M587, M588, M589, M590, M591, M592, M594, M595, M597, M598, M599, M600, M601, M603, M604, M605, M606, M607, M608, M609, M610, M611, M612, M613, M614, M616, M617, M619, M620, M621, M623, M626, M629, M630, M631, M634, M647, M661, M728, M729, M730, M731

#### GH-alueen maayksiköt, vaihe 2 (noin 1650-1750)

M446, M593, M602, M615, M618, M622, M624, M627, M628, M632, M633, M635, M636, M637, M638, M639, M640, M641, M642, M643, M646, M648, M651, M653, M654, M657, M658, M659, M660, M665, M666, M668, M669, M676, M677, M682, M683, M684

#### GH-alueen maayksiköt, vaihe 3 (noin 1600-luku, ehkä osin 1700-luvulle asti)

M644, M649, M650, M655, M663, M664, M673, M675, M678, M681, M685, M686, M687, M688, M689, M690, M691, M692, M694, M695, M696, M697, M698, M699, M700, M701, M702, M707, M708, M709, M710, M712, M713, M714, M716, M717, M718, M719, M720, M721, M722, M723, M724, M727, M732, M733, M734, M735, M736, M738, M740, M744, M746, M750, M751, M752, M753, M770

#### GH-alueen maayksiköt, vaihe 4 (1500-1600-luvut)

M725, M726, M737, M739, M745, M747, M748, M755, M756, M757, M758, M759, M760, M761, M762, M764, M765, M766, M767, M771, M772, M773, M775, M776, M777, M778, M779, M780, M781, M782, M784, M785, M786, M787, M788, M790, M791, M798, M799

#### GH-alueen maayksiköt, vaihe 5 (suunnilleen keskiajalta 1500-luvulle)

M783, M789, M792, M793, M796, M797, M800, M801, M804, M805, M806, M807, M808, M809, M810, M813, M815, M816, M817, M819, M822, M825, M826, M829, M830, M831, M832, M833, M834, M836, M837, M839, M841, M842, M843, M844, M845, M846, M847, M850, M852, M853, M855, M856

#### GH-alueen maayksiköt, vaihe 6 (suunnilleen keskiaika)

M488, M811, M812, M814, M818, M822, M824, M827, M828, M838, M840, M848, M849, M851, M854, M857, M858, M859, M860, M861, M862, M863, M866, M867, M868, M869, M870, M871, M872, M873

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## B-alue

I	M201, M202, M203
II	M204, M205, M206
III	M209, M211, M212
IV	M214, M215, M216
V	M222, M233, M260
VI	M261, M262, M263
VII	M264, M265, M266
VIII	M267, M268, M269
IX	M271, M272, M273
X	M274, M279, M284
XI	M285, M286, M287
XII	M291, M292, M293
XIII	M296, M298, M300
XIV	M306, M307, M308
XV	M309, M315, M319
XVI	M320, M321, M323
XVII	M324, M325, M326
XVIII	M327, M332, M333
XIX	M335, M336, M337
XX	M340, M341, M342
XXI	M344, M345, M346
XXII	M347, M348, M353
XXIII	M354, M356, M357
XXIV	M361, M362, M363
XXV	M364, M365, M370
XXVI	M373, M374, M375
XXVII	M376, M377, M379
XXVIII	M381, M387, M389
XXIX	M390, M391, M395
XXX	M396, M397, M398
XXXI	M399, M402, M403
XXXII	M404, M405, M406
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XXXIV	M411, M412, M413
XXXV	M415, M416, M418
XXXVI	M419, M420, M421
XXXVII	M423, M424, M425
XXXVIII	M426, M427, M429
XXXIX	M430, M431, M432
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XLI	M439, M440, M441
XLII	M442, M443, M448
XLIII	M450, M451, M452
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XLVI	M465, M466, M467
XLVII	M468, M469, M470



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XLIX	M474, M475, M476
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LI	M480, M481, M482
LII	M483, M484, M485
LIII	M486, M487, M488
LIV	M490, M491, M492
LV	M493, M499, M497
LVI	M498, M499, M501
LVII	M505, M506, M507
LVIII	M508, M509, M510
LIX	M511, M512, M513
LX	M514, M515, M516
LXI	M517, M518, M519
LXII	M521, M522, M523
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LXIV	M527, M528, M529
LXV	M530, M531, M532
LXVI	M533, M534, M535
LXVII	M536, M540, M542
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LXIX	M207, M208, M210
LXX	M213, M217, M218
LXXI	M219, M220, M224
LXXII	M225, M229, M232
LXIII	M251, M254, M258
LXIV	M263, M269, M275
LXXV	M301, M353, M358

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LXXVI	M221, M223, M226, M227, M228
LXXVII	M230, M234, M235, M236
LXXVIII	M237, M238, M239, M241
LXXIX	M242, M243, M244, M245
LXXX	M246, M247, M248, M249
LXXXI	M250, M252, M253, M255
LXXXII	M256, M257, M259, M270
LXXXIII	M276, M277, M278, M280
LXXXIV	M281, M282, M283, M288
LXXXV	M289, M290, M294, M295
LXXXVI	M297, M299, M302, M303
LXXXVII	M304, M305, M310, M311
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XCIII	M366, M367, M368, M369
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XCV	M382, M383, M384, M385
XCVI	M386, M388, M392, M393
XCVII	M394, M400, M401, M408
XCVIII	M414, M417, M428, M435
XCIX	M449, M462, M463

### **E-alue**

C	M436, M438, M444, M445
CI	M446, M447, M453, M454
CII	M457, M461, M495, M496
CIII	M500, M502, M504, M537
CIV	M538, M539, M541, M543
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CVI	M548, M550, M551, M552
CVII	M553, M554, M555, M556
CVIII	M557, M558, M559, M560
CIX	M561, M562, M563, M564
CX	M565, M566, M567, M568
CXI	M569, M570, M571, M572
CXII	M574, M575, M576, M577
CXIII	M578, M579, M580, M581
CXIV	M586, M743, M754, M768
CXV	M769-M794, M795, M802, M803

### **F-alue**

CXVI	M585, M586, M596, M625, M645, M652
CXVII	M656, M662, M667, M670, M671, M672
CXVIII	M674, M679, M693, M703, M704, M705
CXIX	M706

### **G-alue**

CXX	M436, M438
CXXI	M444, M446
CXXII	M488, M582
CXXIII	M583, M584
CXXIV	M587, M588
CXXV	M589, M590
CXXVI	M591, M592
CXXVII	M593, M594
CXXVIII	M595, M597
CXXIX	M598, M599
CXXX	M600, M601
CXXXI	M602, M603
CXXXII	M604, M605
CXXXIII	M606, M607

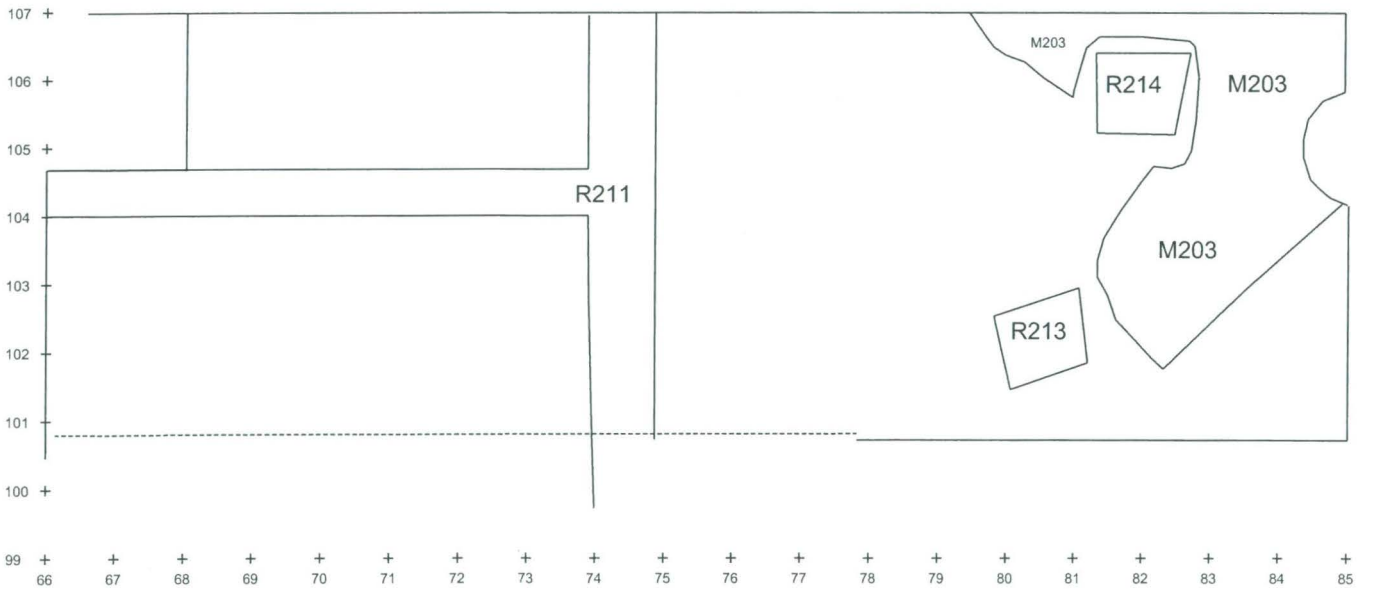
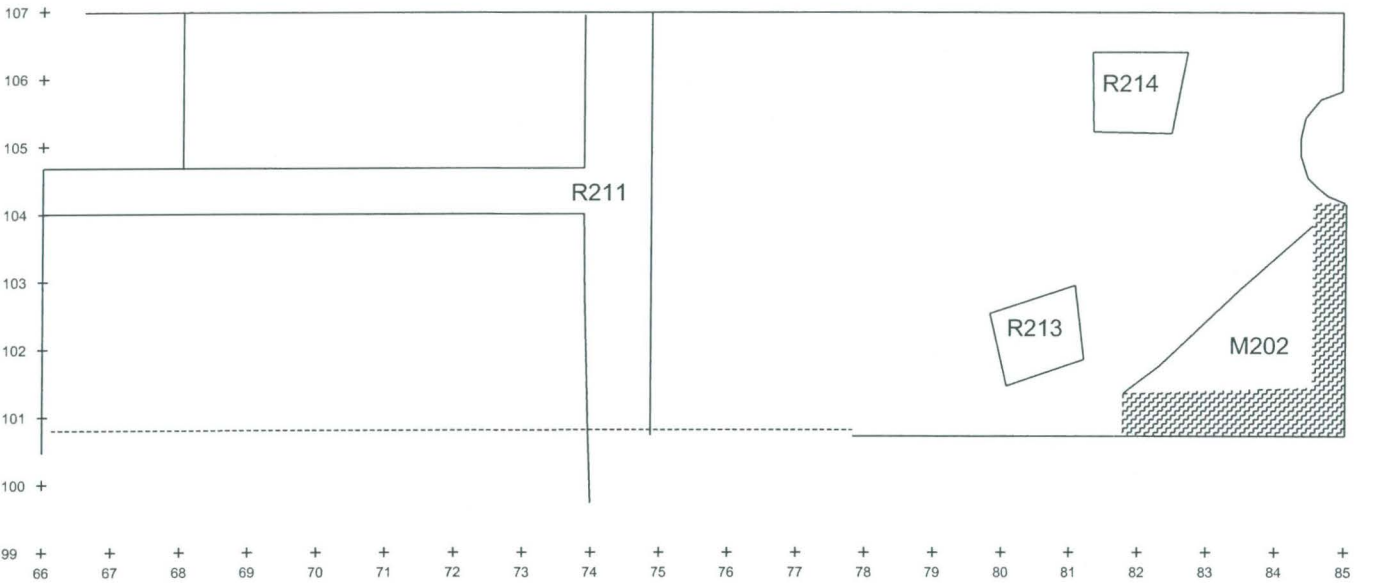
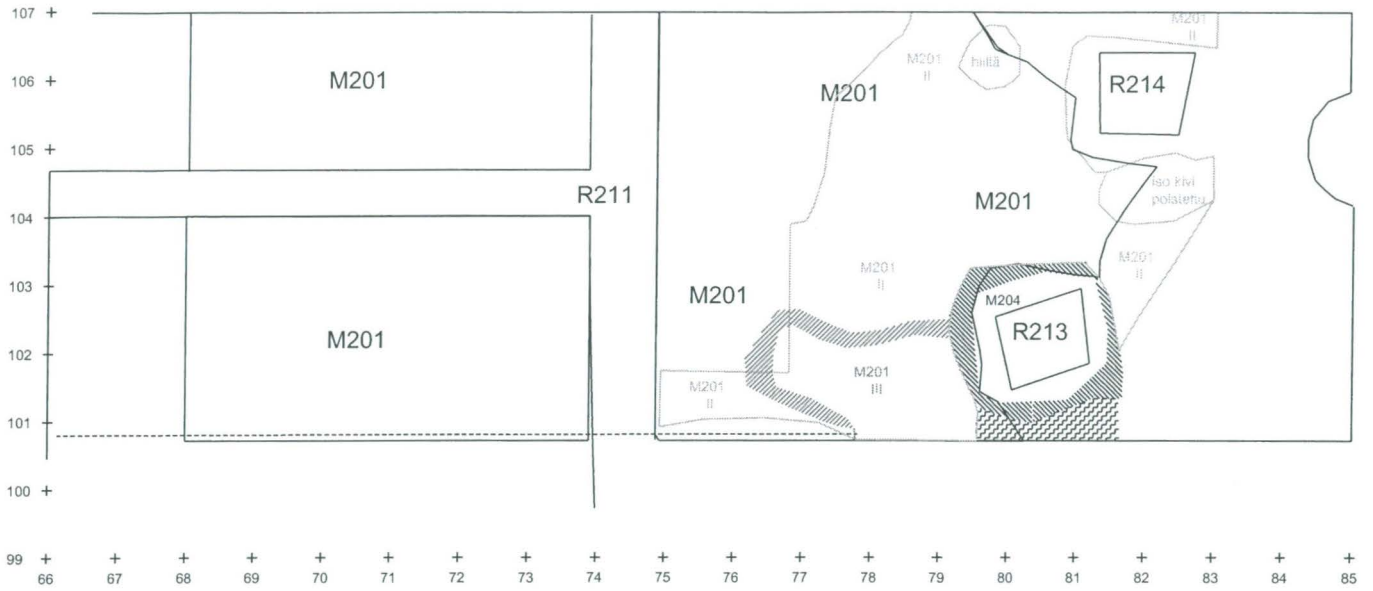
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CXXXVII	M614, M615
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CXLI	M622, M623
CXLII	M624, M626
CXLIII	M627, M628
CXLIV	M629, M630
CXLV	M631, M632
CXLVI	M633, M634
CXLVII	M635, M636
CXLVIII	M637, M638
CXLIX	M639, M640
CL	M641, M642
CLI	M643, M644
CLII	M646, M647
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CLIV	M650, M651
CLV	M653, M654
CLVI	M655, M657
CLVII	M658, M659
CLVIII	M660, M661
CLIX	M663, M664
CLX	M665, M666
CLXI	M668, M669
CLXII	M673, M675
CLXIII	M676, M677
CLXIV	M678, M681
CLXV	M682, M683
CLXVI	M684, M685
CLXVII	M686, M687
CLXVIII	M688, M689
CLXIX	M690, M691
CLXX	M692, M694
CLXXI	M695, M696
CLXXII	M697, M698
CLXXIII	M699, M700
CLXXIV	M701, M702
CLXXV	M707, M708
CLXXVI	M709, M710
CLXXVII	M712, M713
CLXXVIII	M714, M716
CLXXIX	M716, M718
CLXXX	M719, M720
CLXXXI	M721, M722
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CLXXXV	M730, M732
CLXXXVI	M733, M734



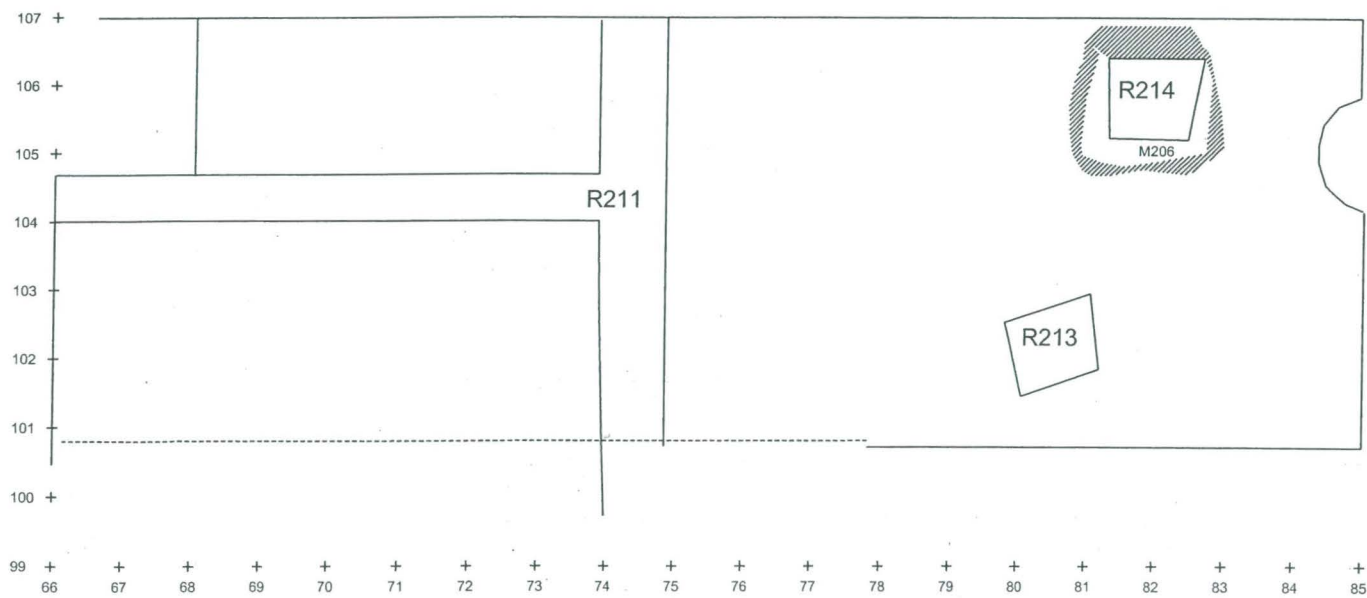
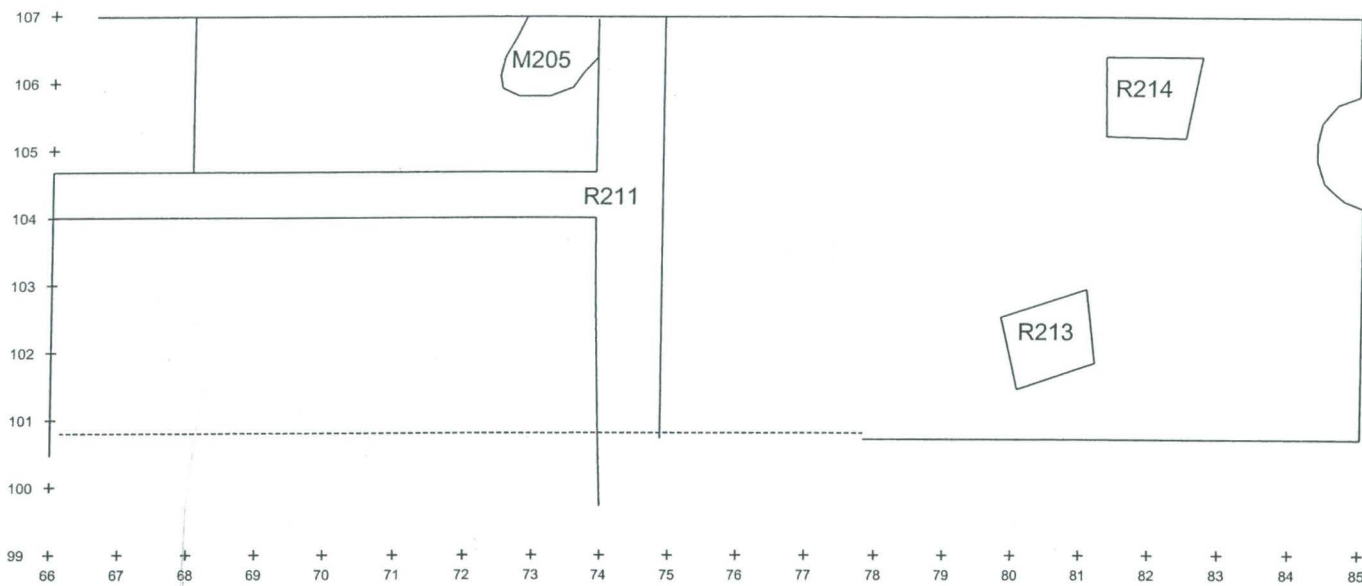
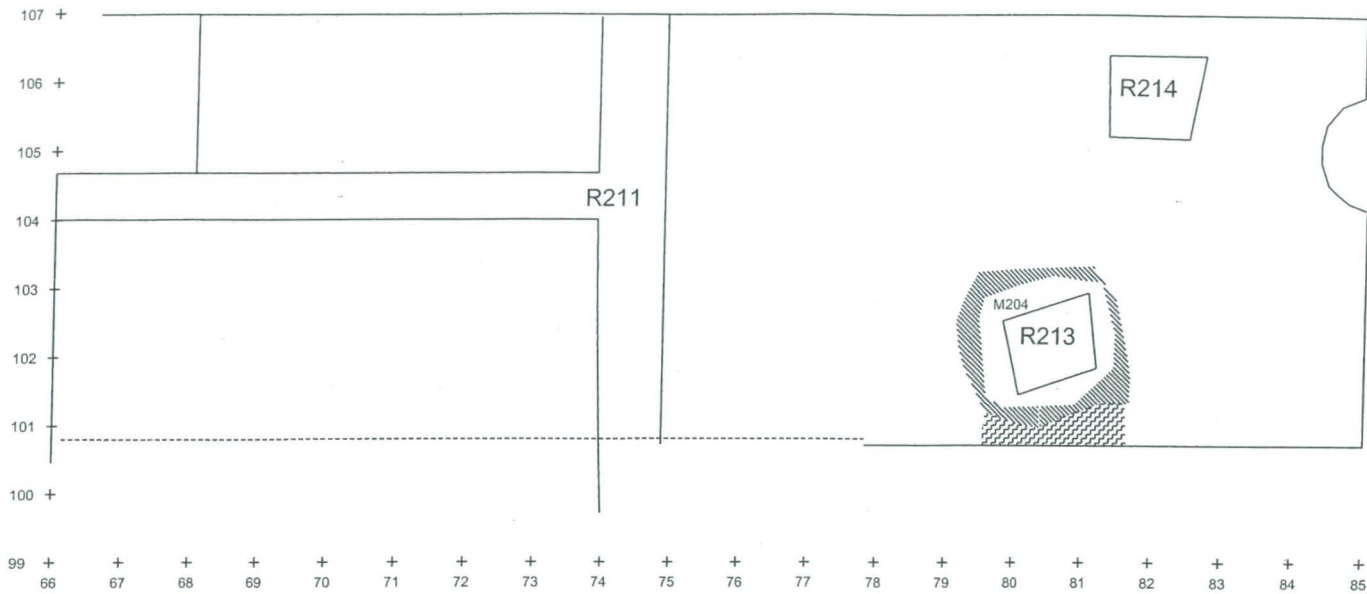
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CXCIV M756, M757  
CXCV M758, M759  
CXCVI M760, M761  
CXCVII M762, M764  
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CCIII M779, M780  
CCIV M781, M782  
CCV M783, M785  
CCVI M786, M787  
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CCIX M792, M793  
CCX M796, M797  
CCXI M798, M799  
CCXII M800, M801  
CCXIII M804, M805  
CCXIV M806, M807  
CCXV M808, M809  
CCXVI M810, M811  
CCXVII M812, M813  
CCXVIII M814, M815  
CCXIX M816, M817  
CCXX M818, M819  
CCXXI M820, M821  
CCXXII M822, M824  
CCXXIII M825, M826  
CCXXIV M827, M828  
CCXXV M829, M830  
CCXXVI M831, M832  
CCXXVII M833, M834  
CCXXVIII M836, M837  
CCXXIX M838, M839  
CCXXX M840, M841  
CCXXXI M842, M843  
CCXXXII M844, M845  
CCXXXIII M846, M847  
CCXXXIV M848, M850  
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CCXXXVI M853, M854  
CCXXXVII M855, M856  
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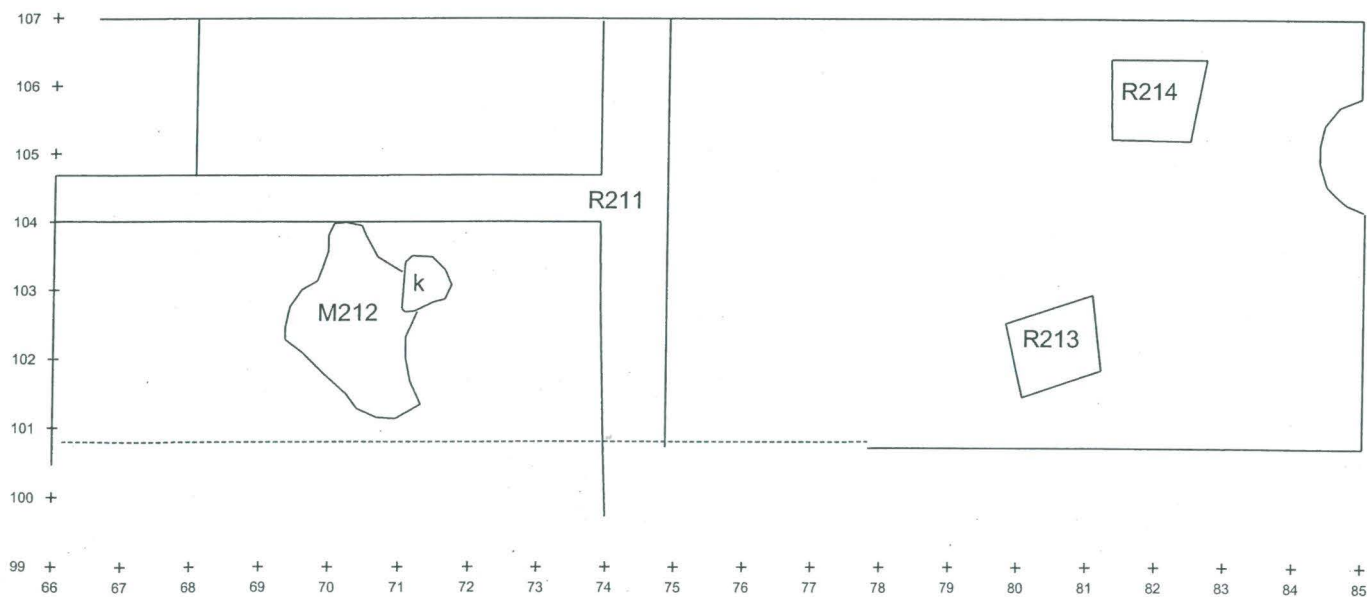
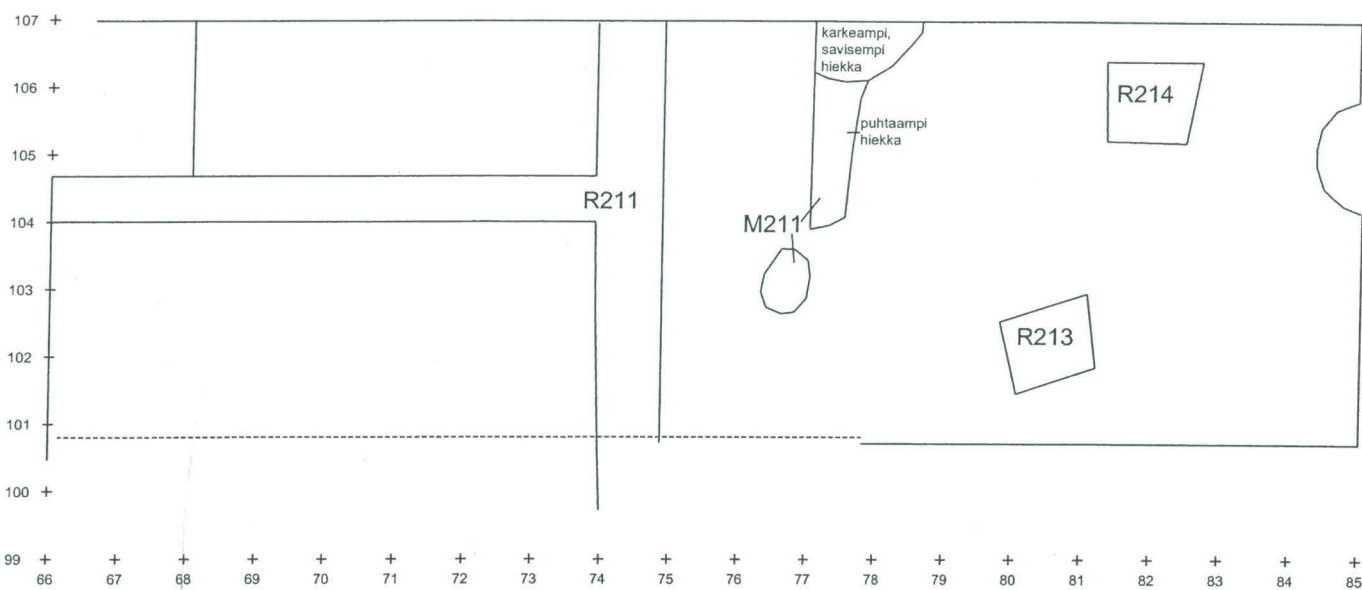
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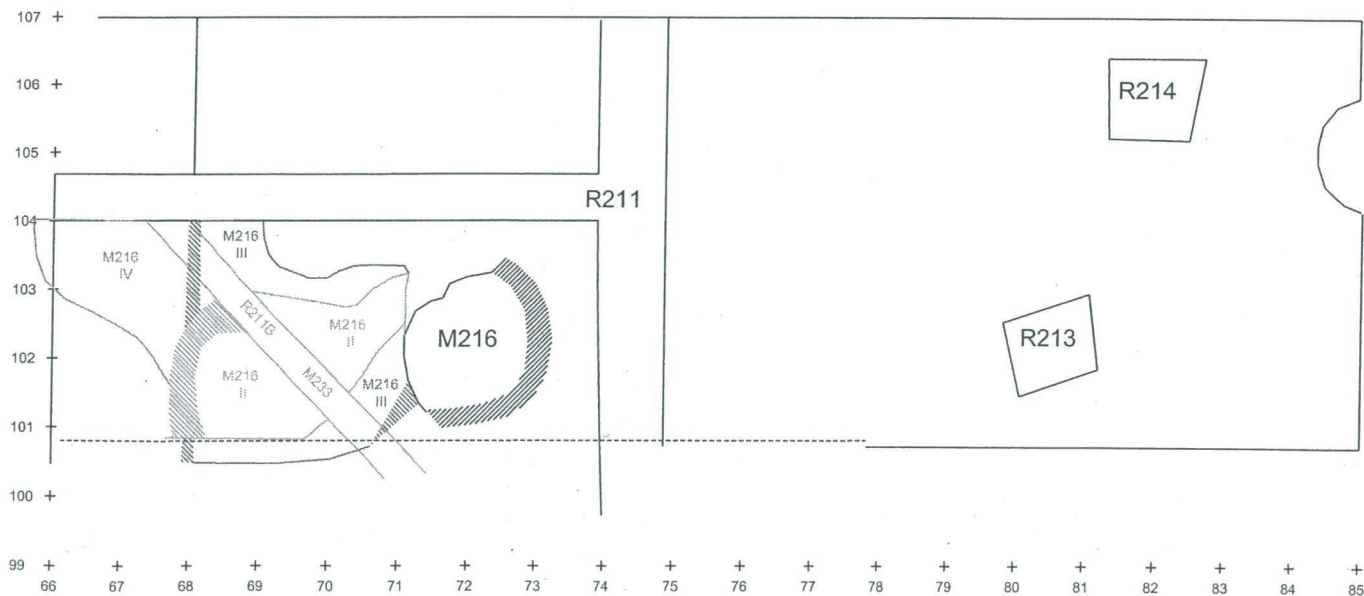
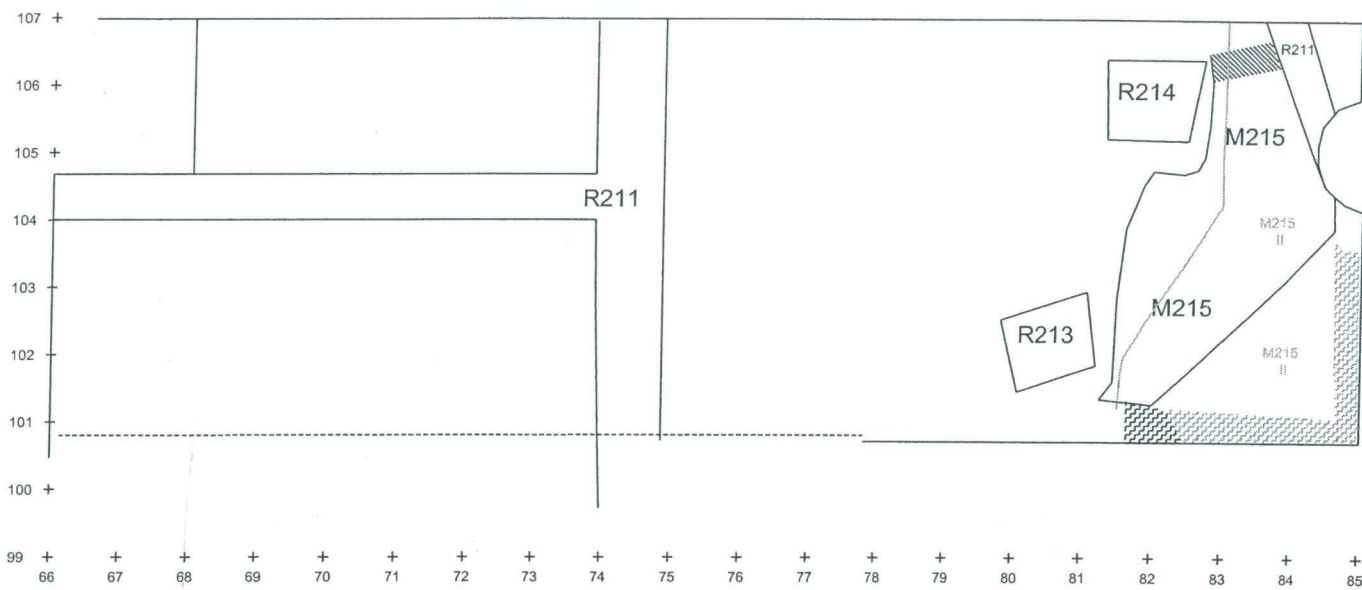
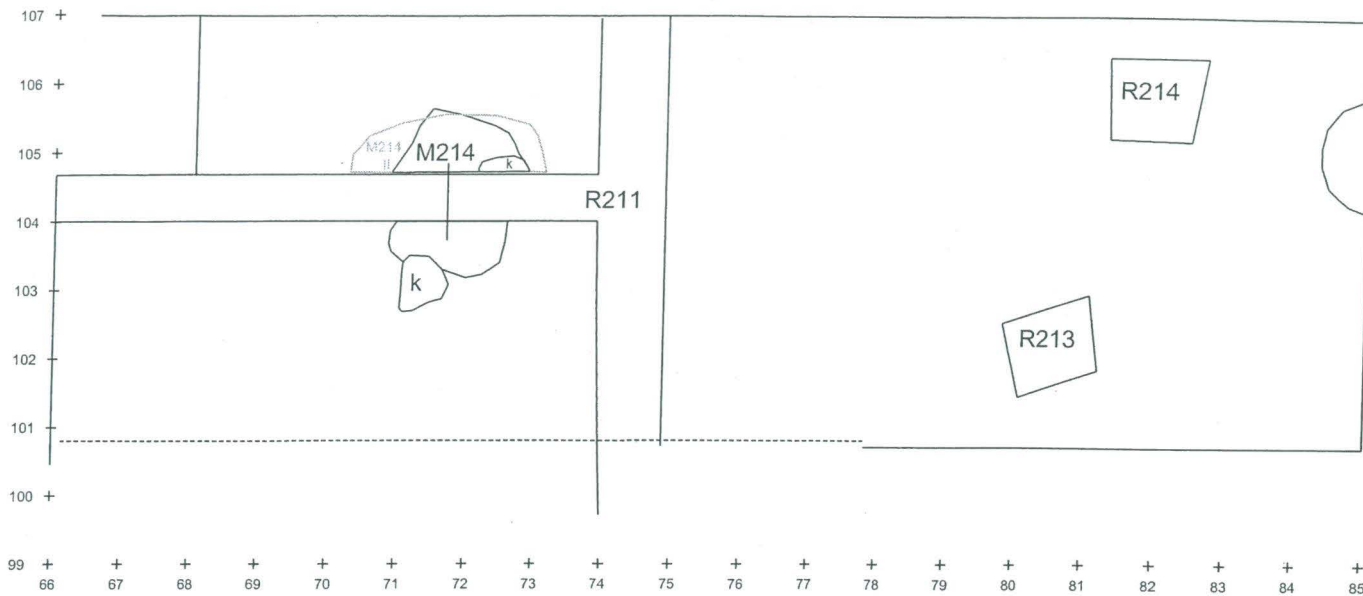
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CCXLI	M753, M770, M784, M840
CCXLII	M849, M857, M859, M860
CCXLIII	M862, M863, M866, M867
CCXLIV	M868, M869, M870



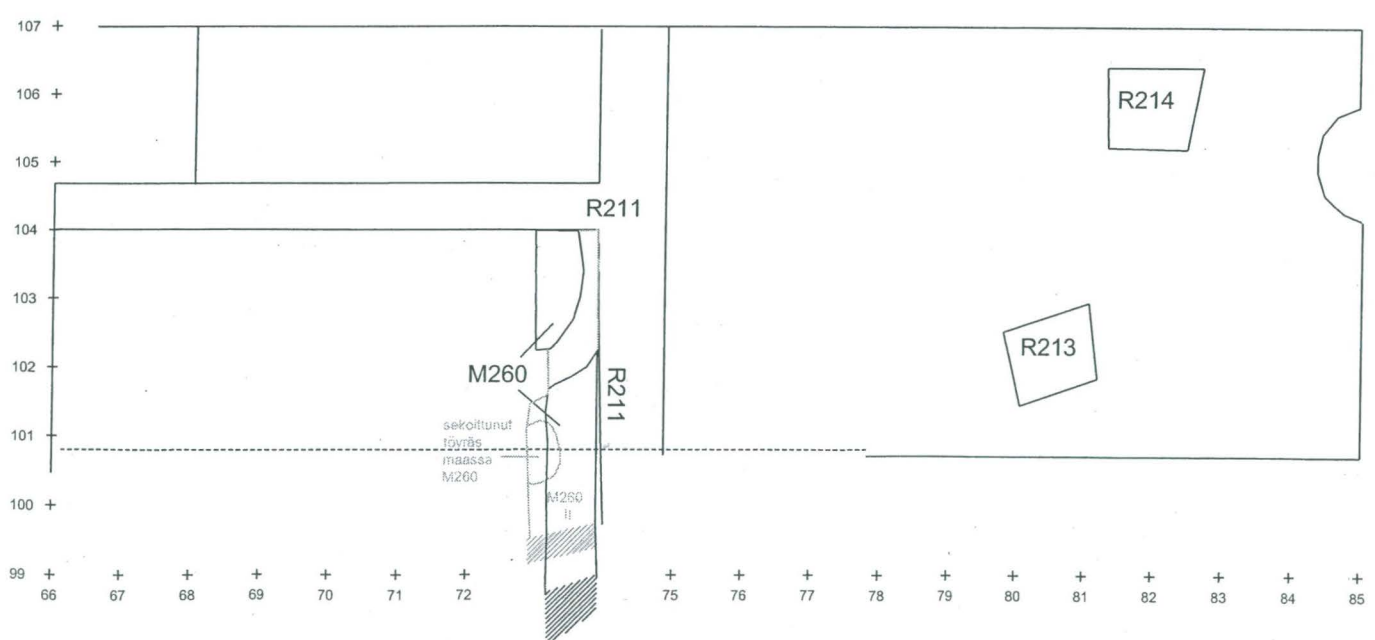
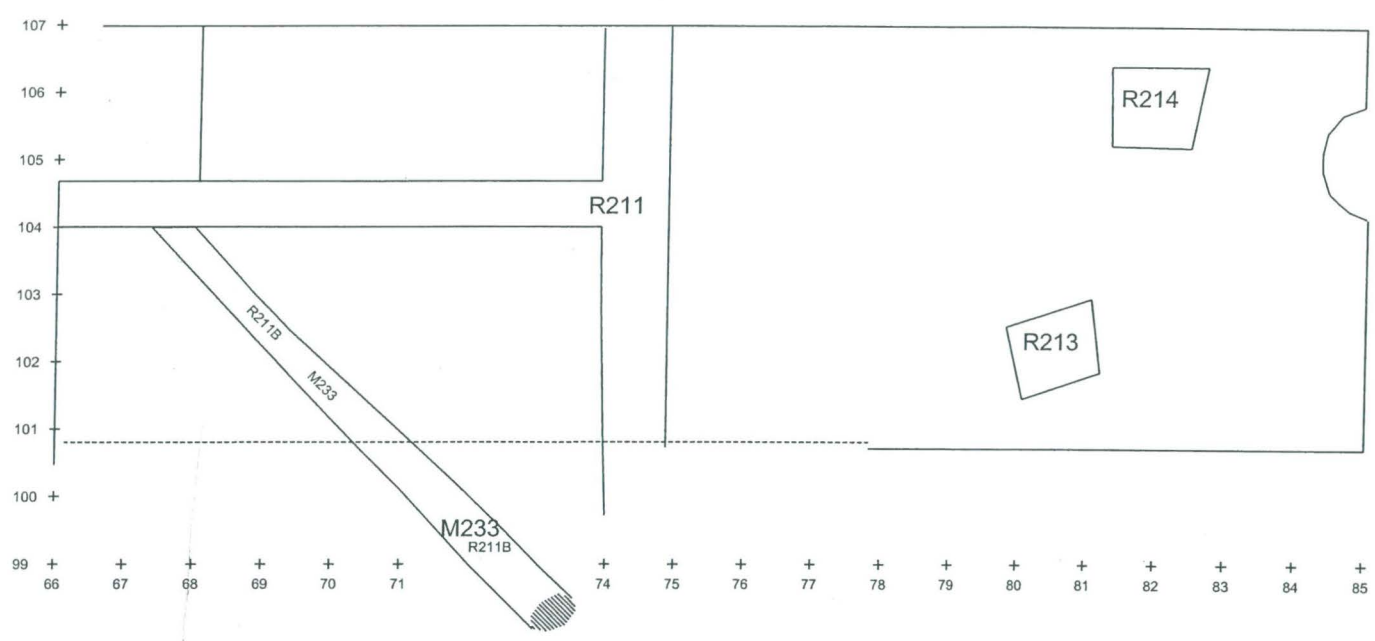
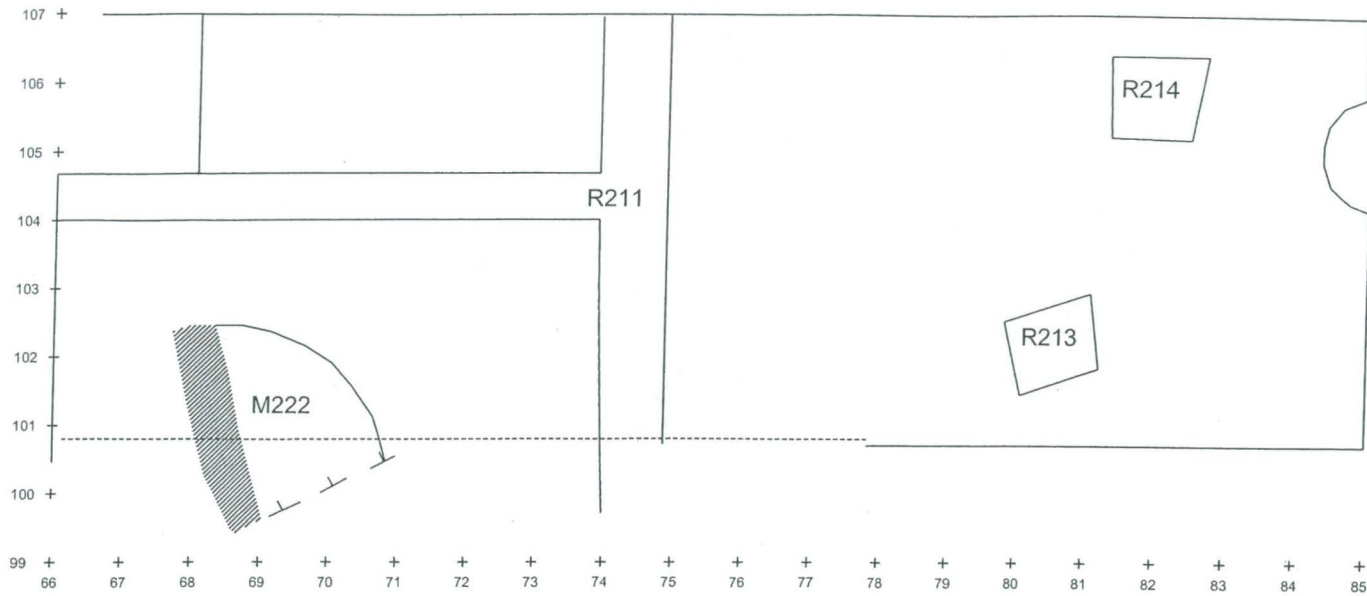


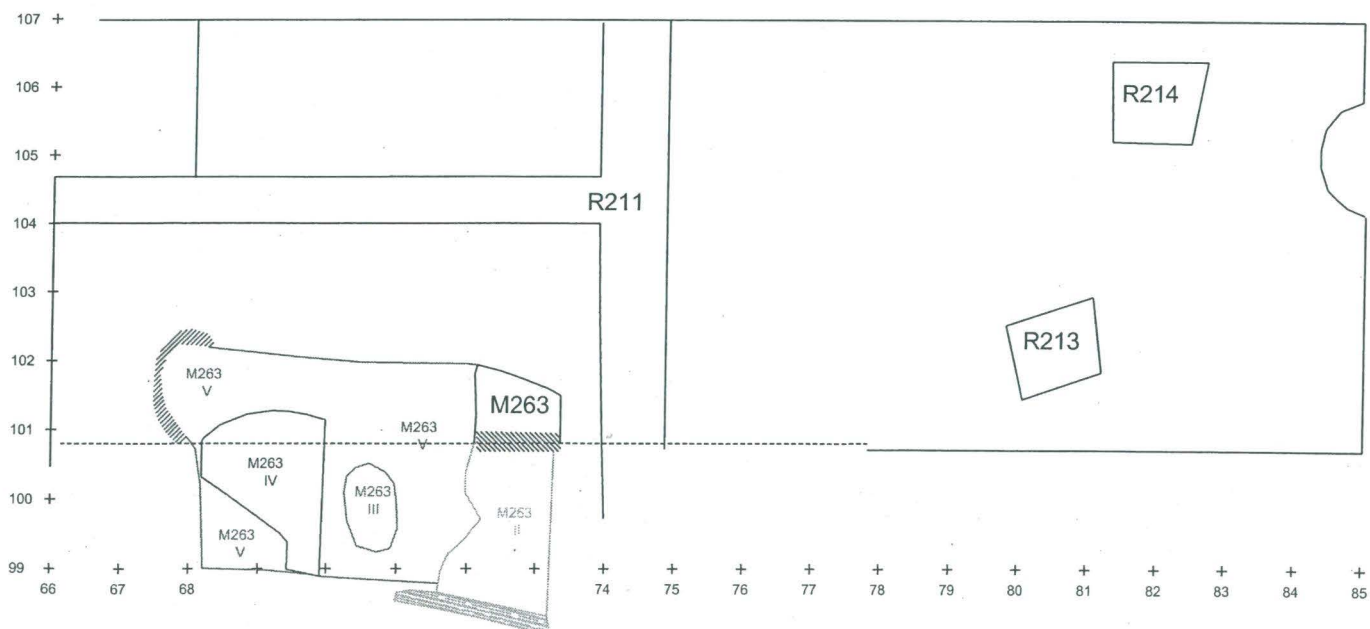
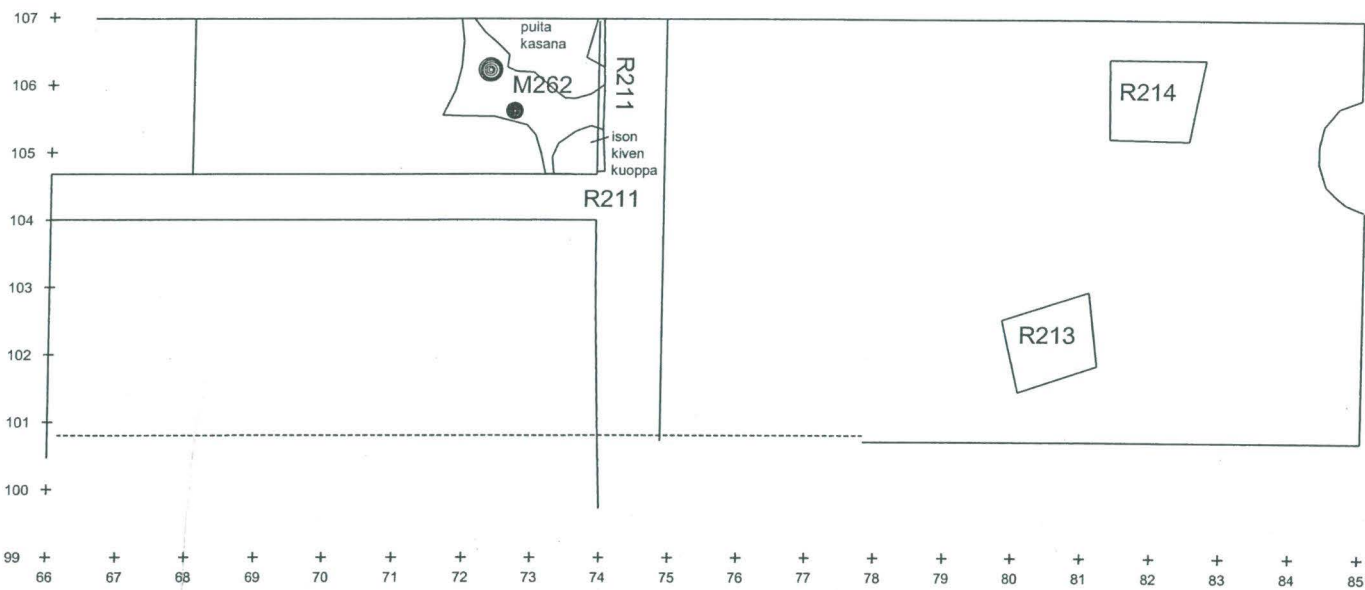
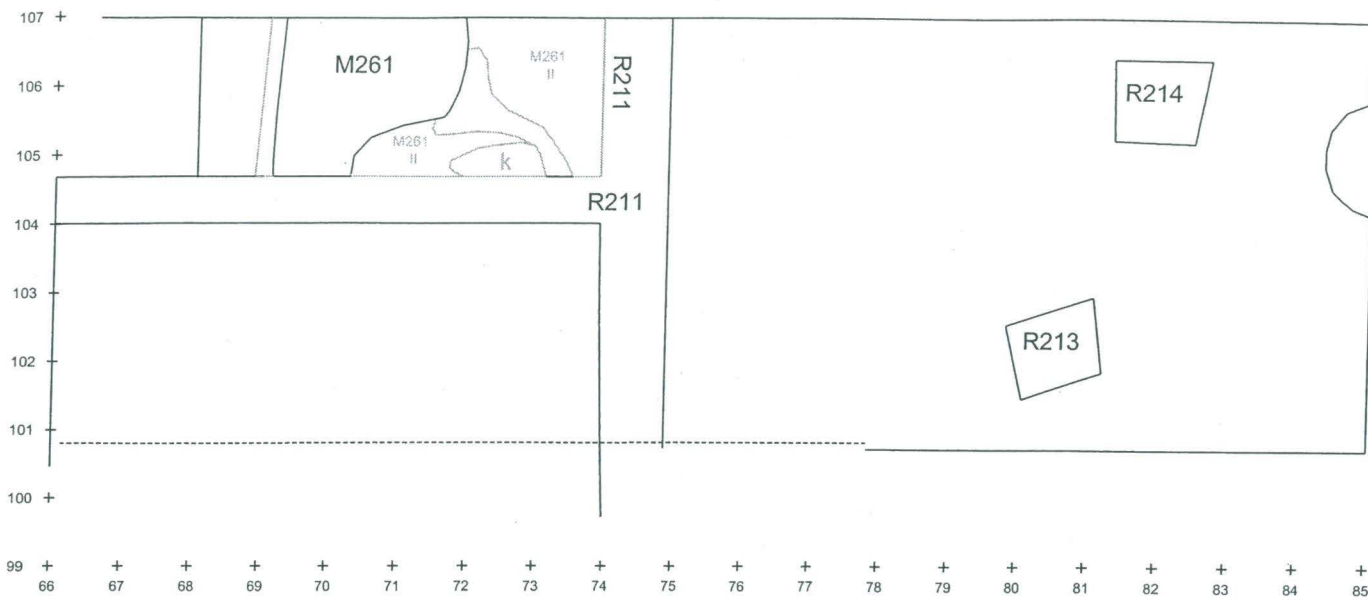




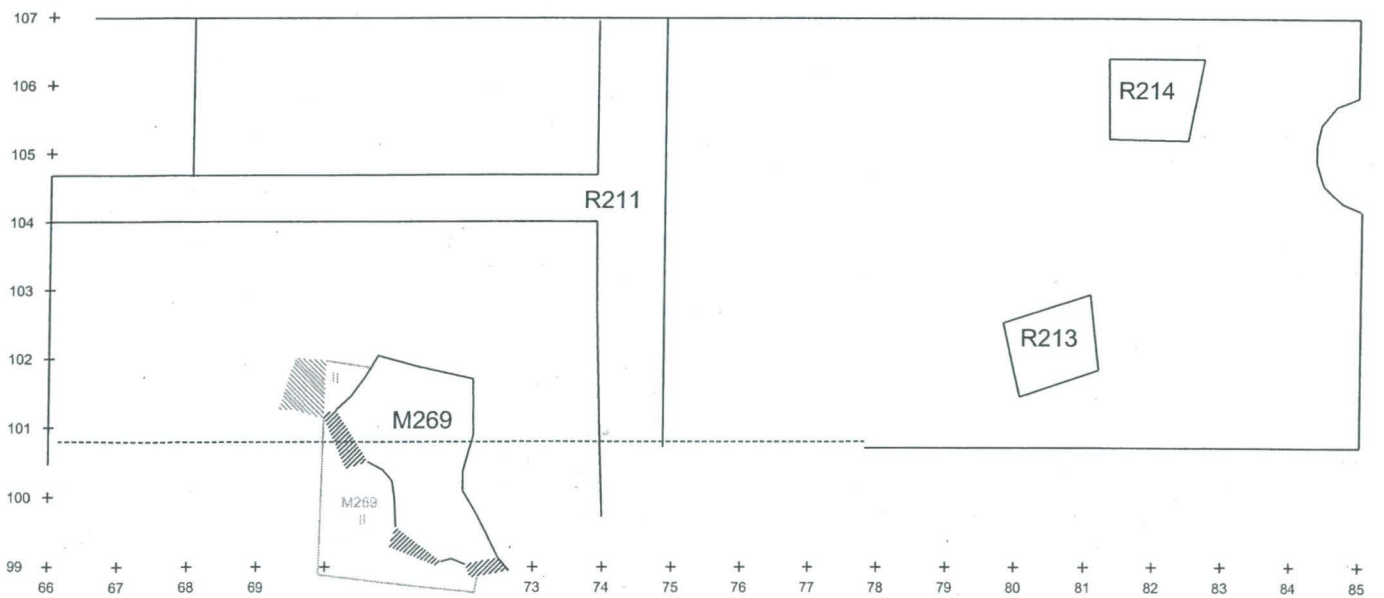
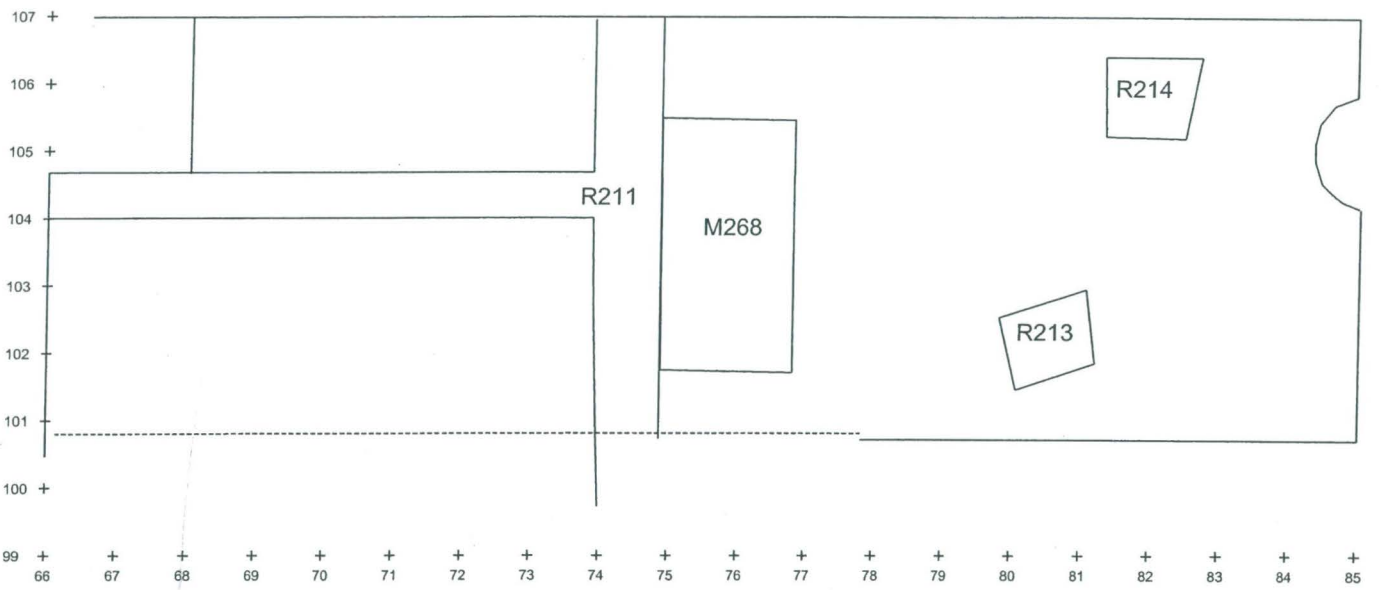
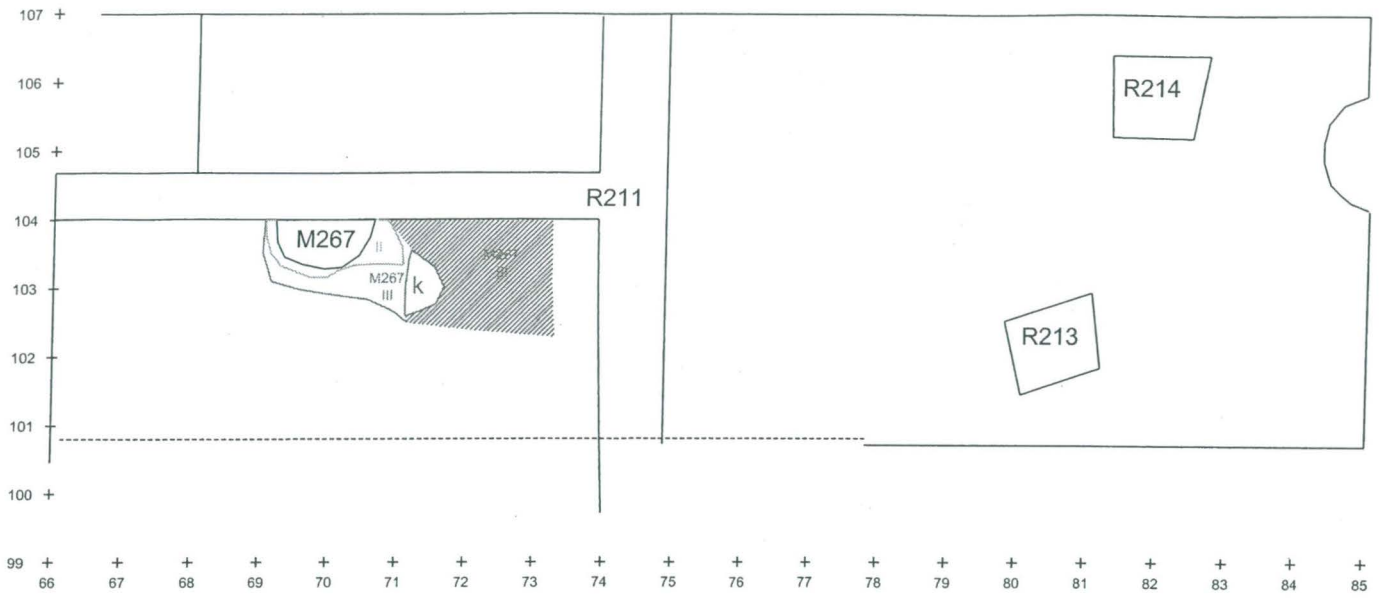




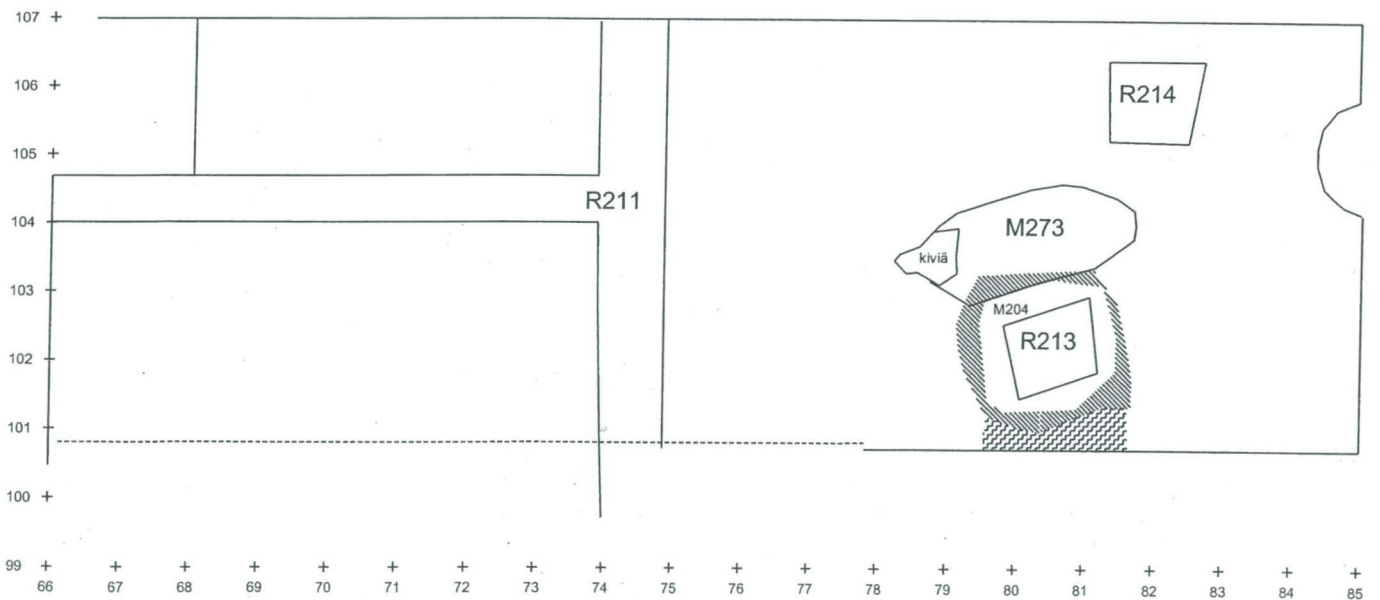
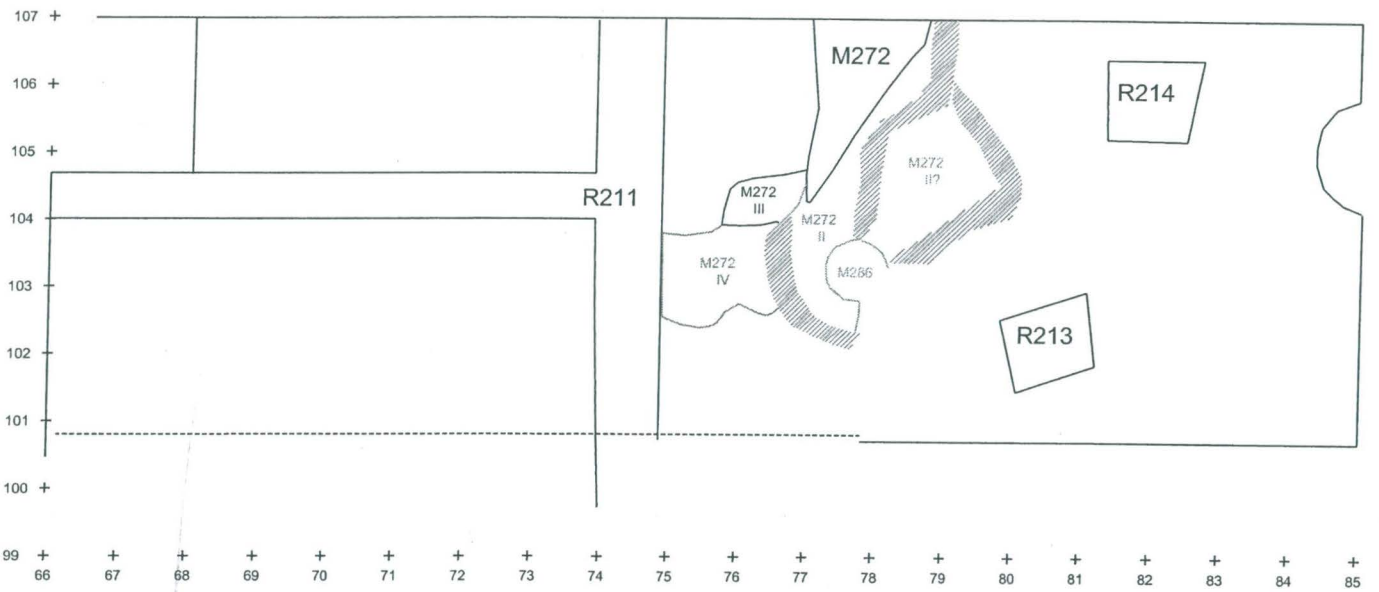




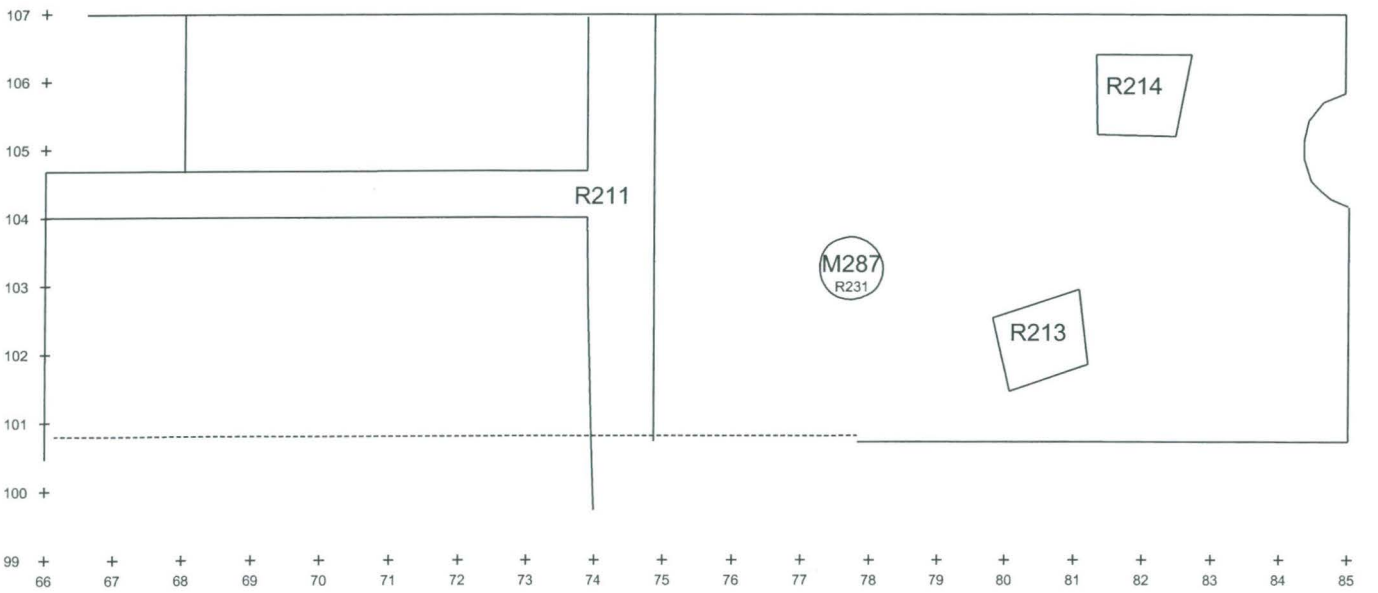
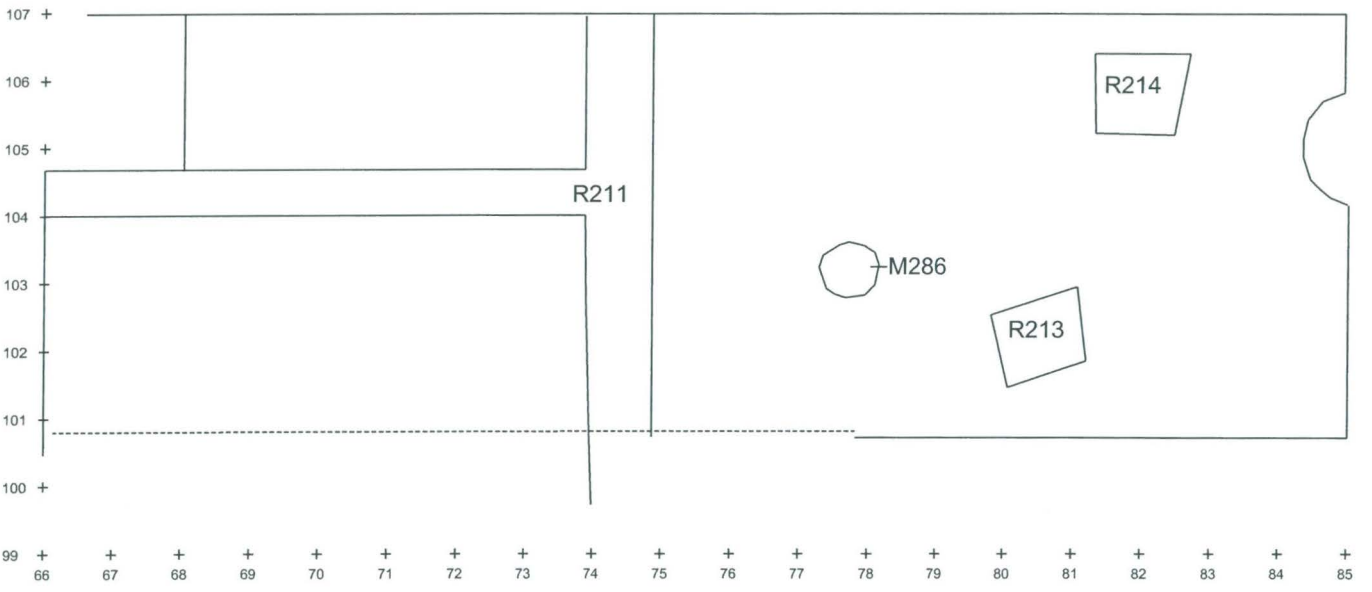
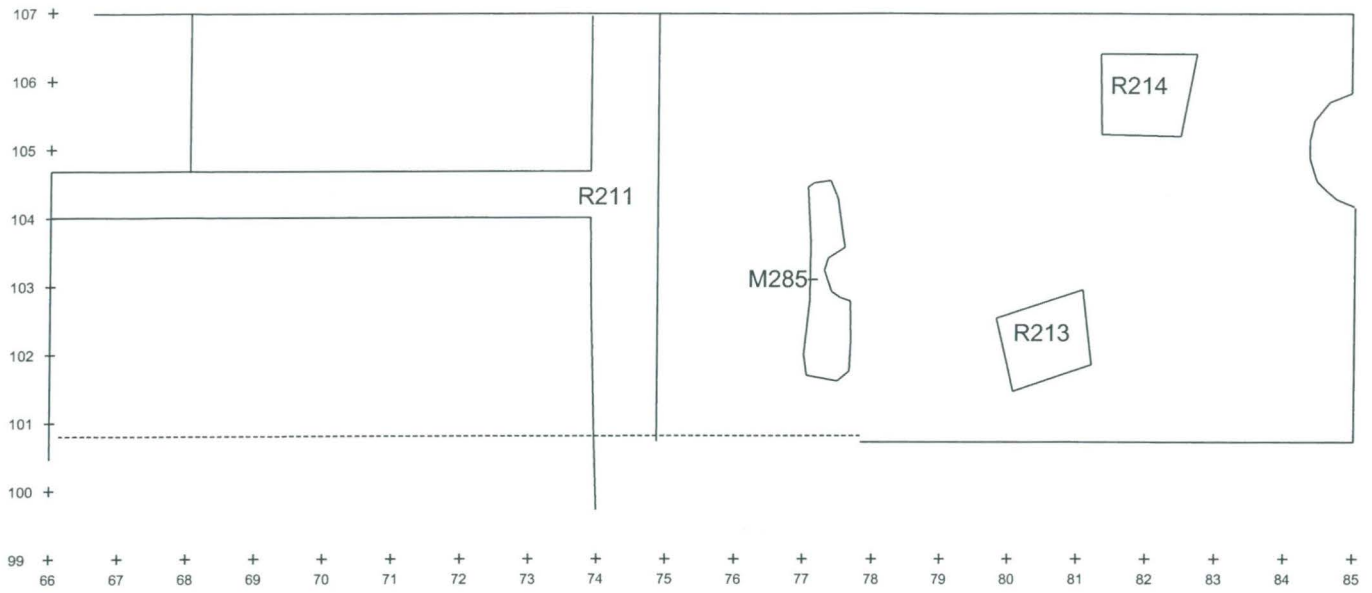


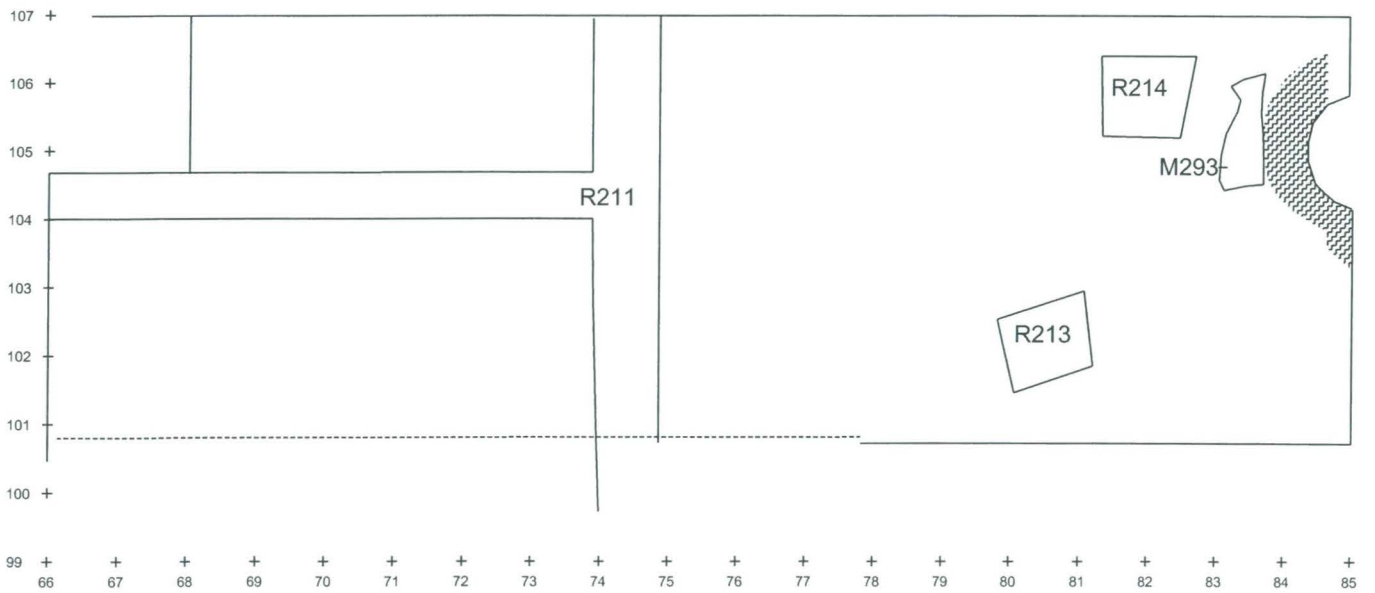
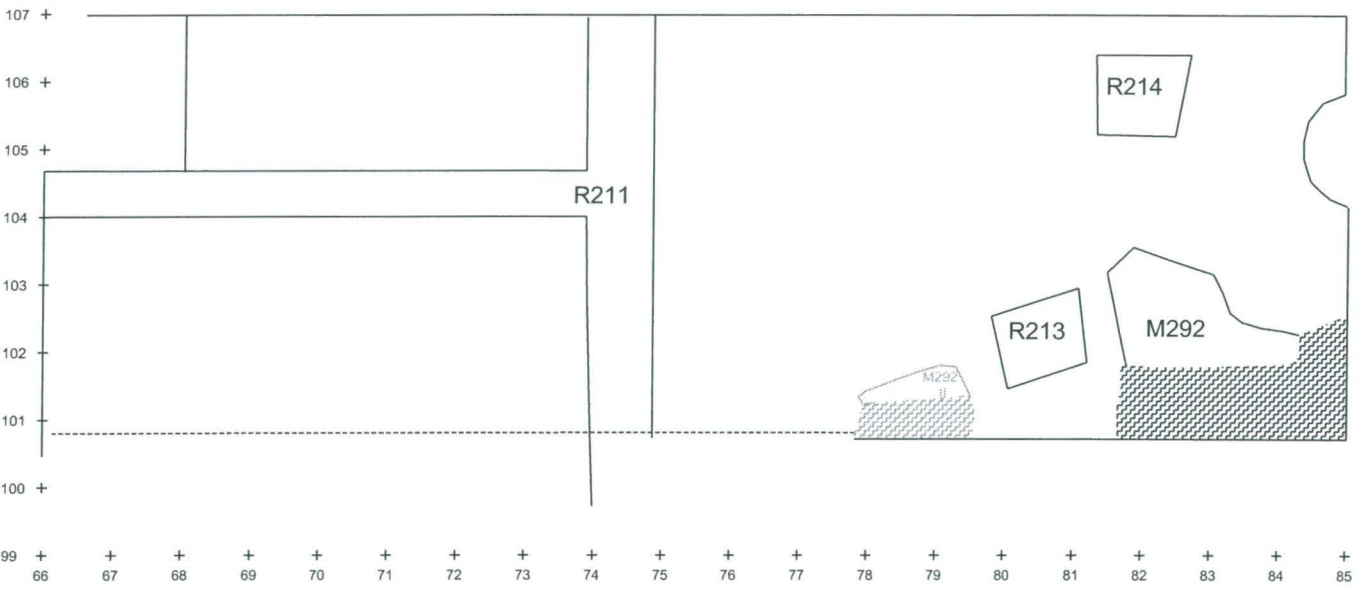
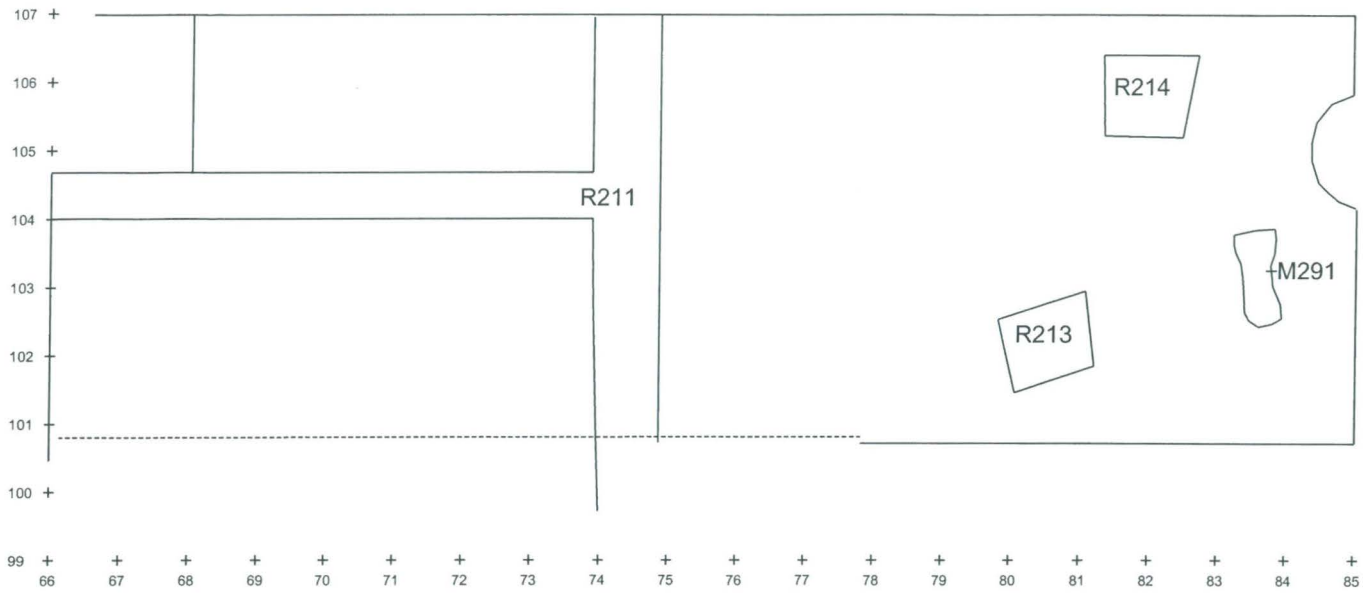




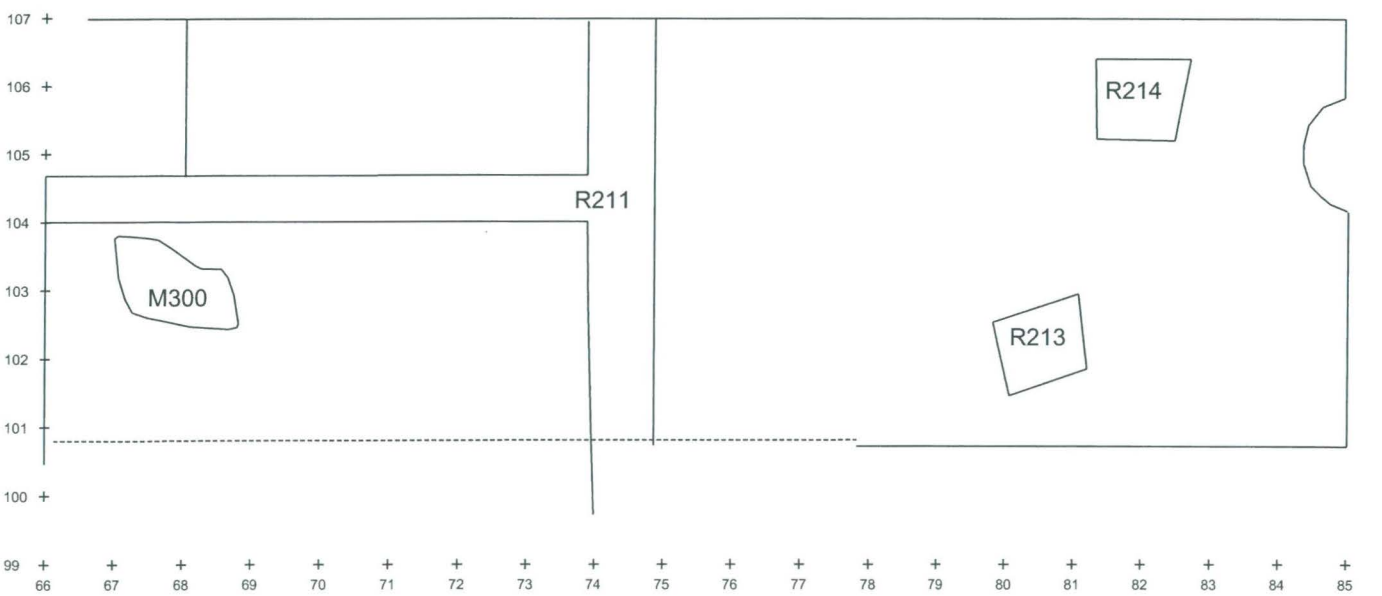
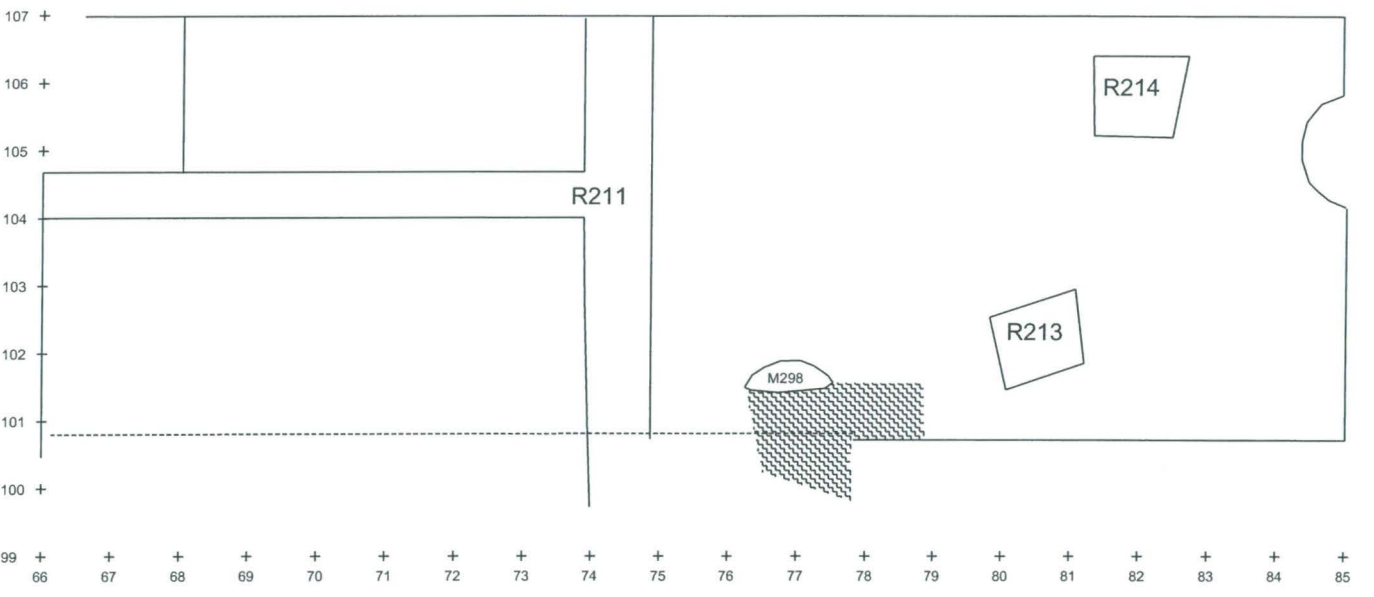
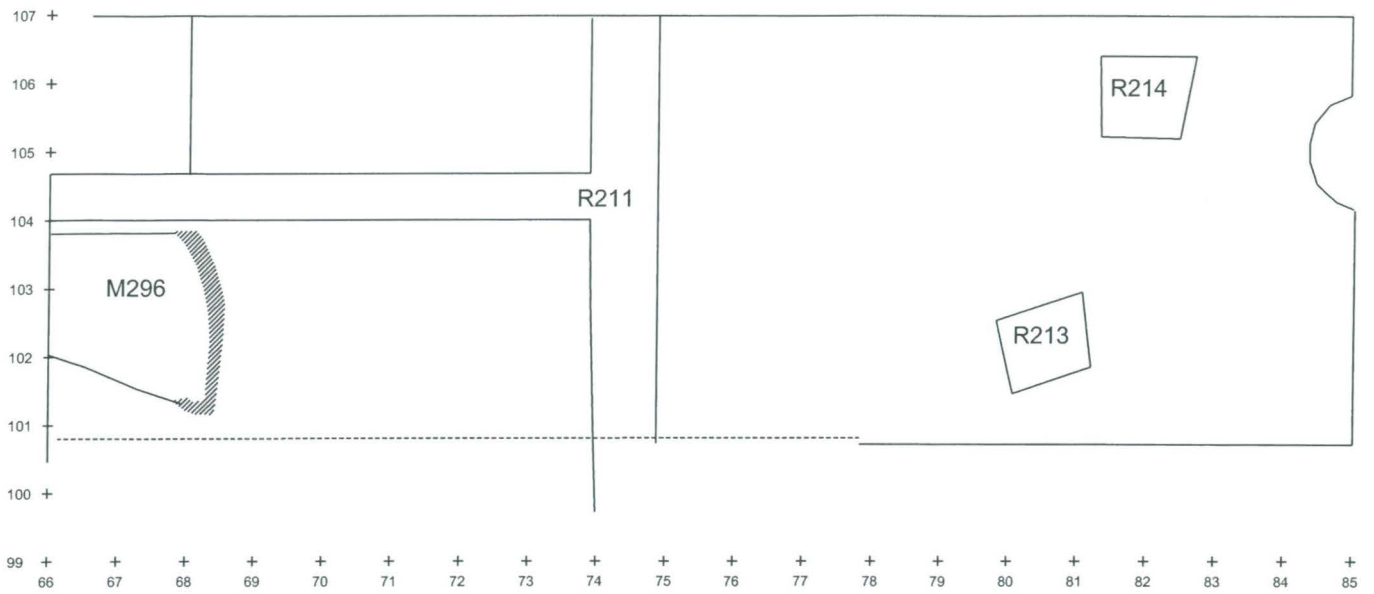


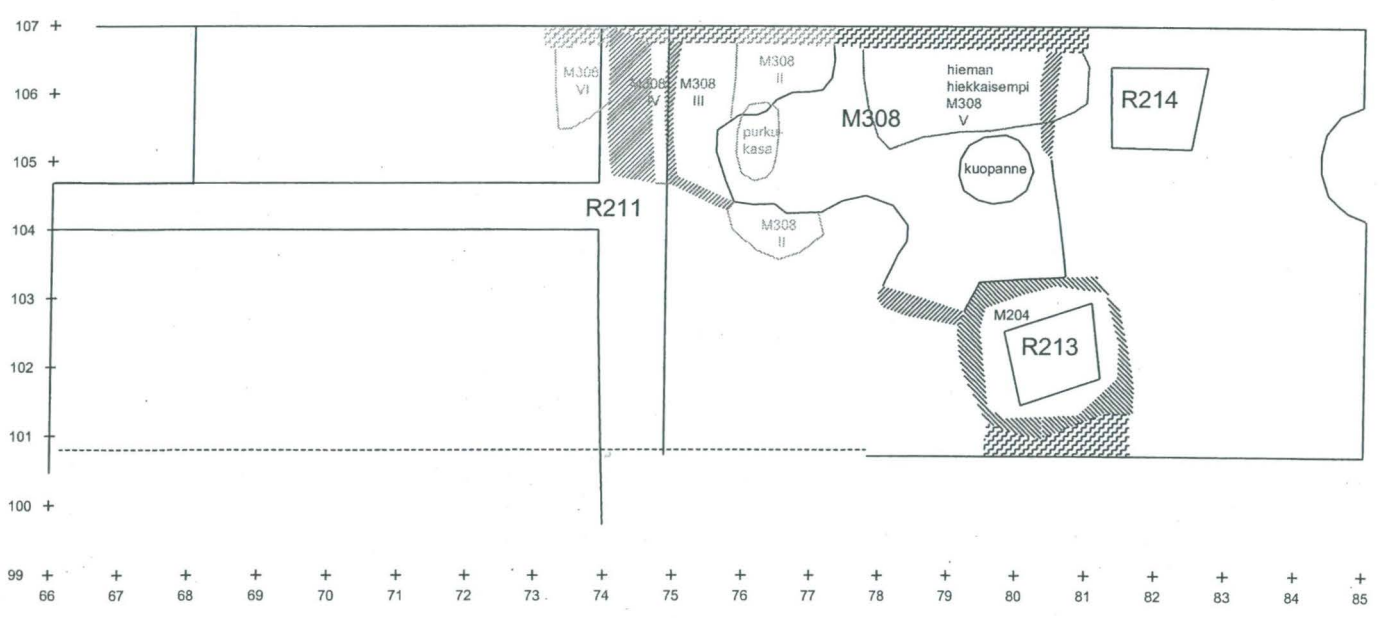
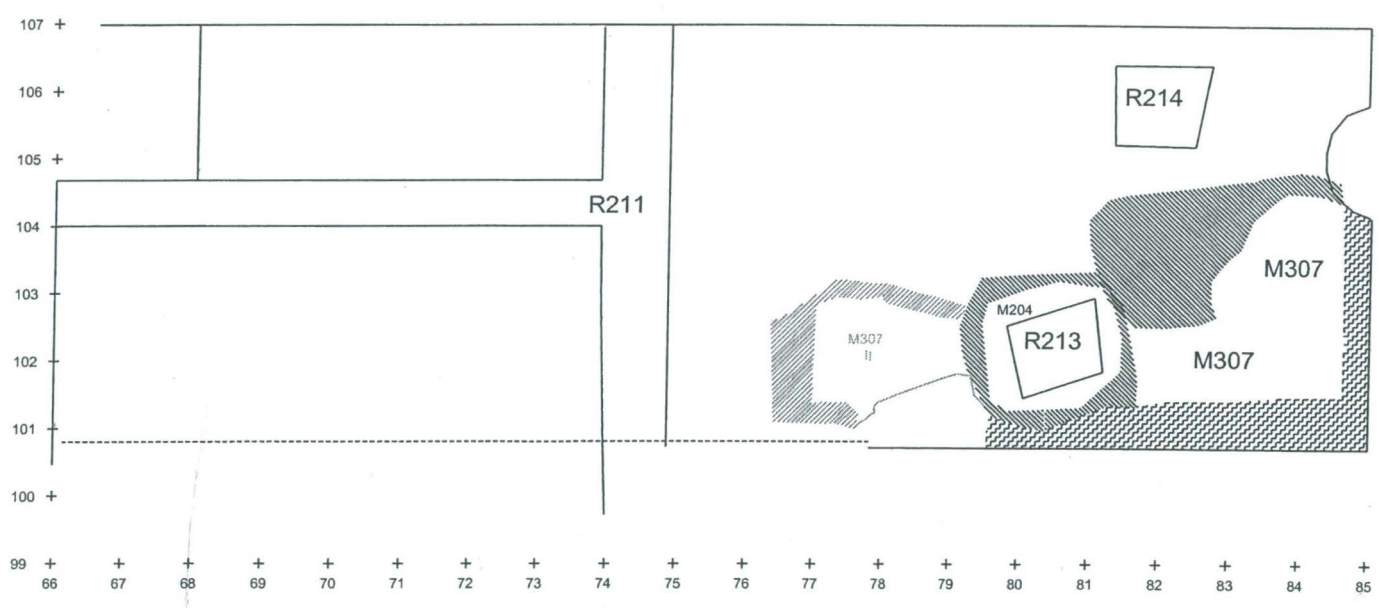
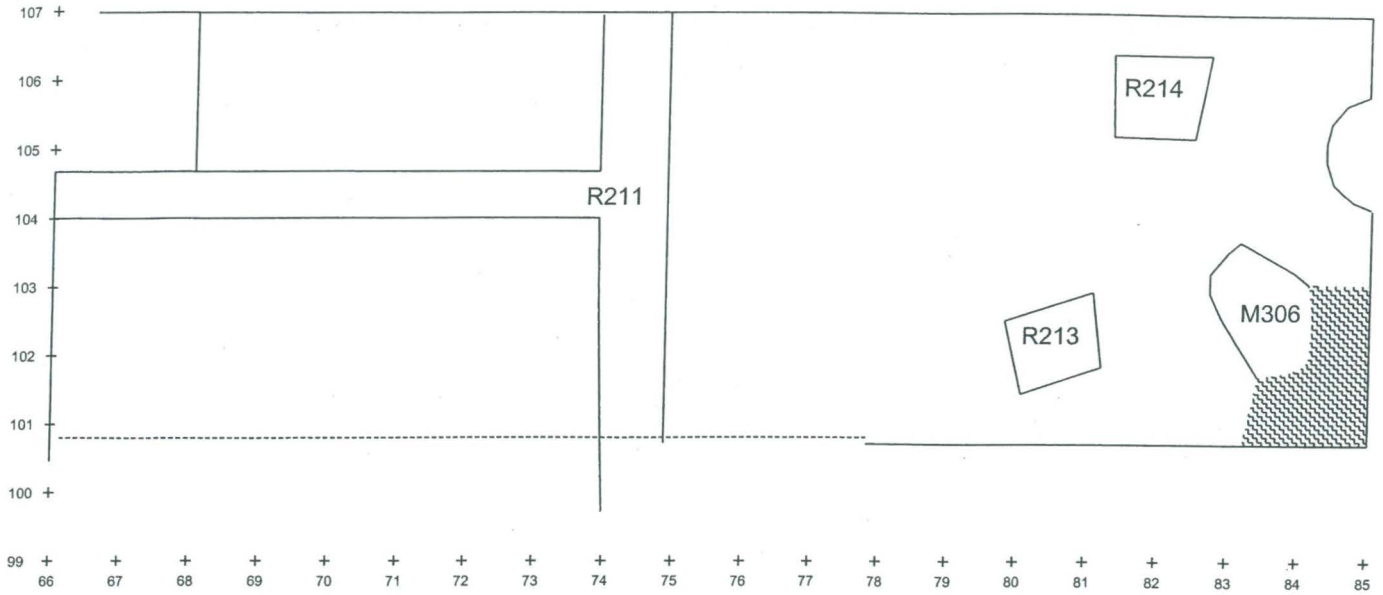


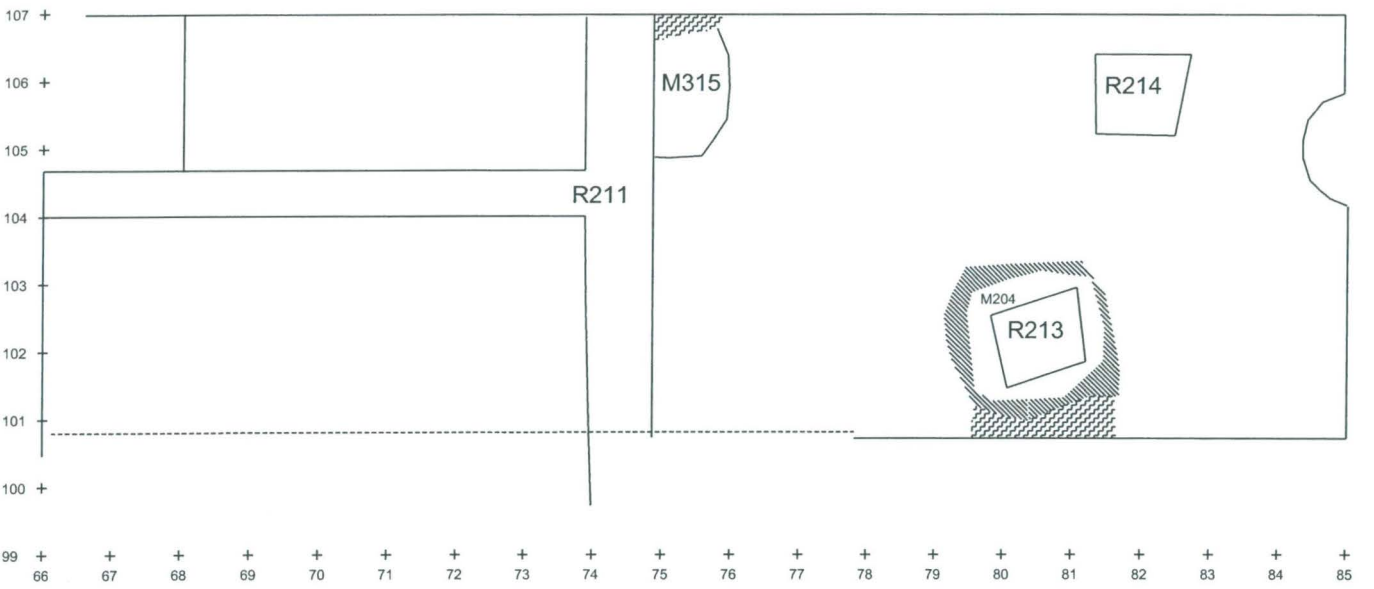
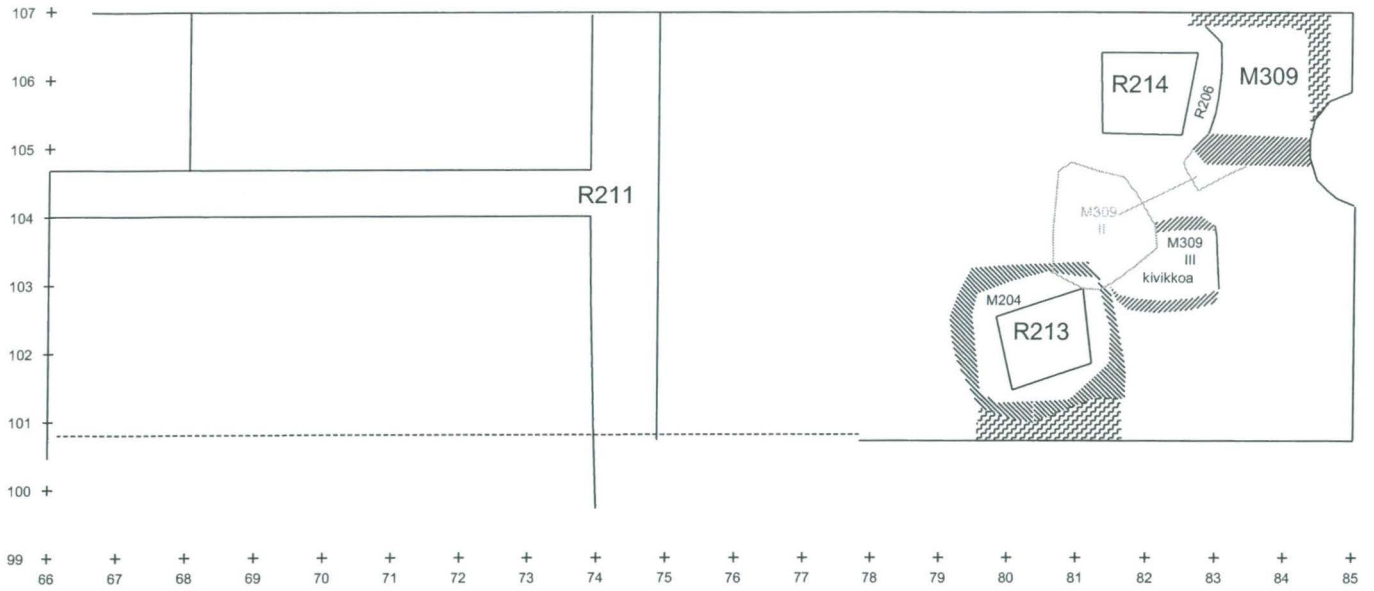


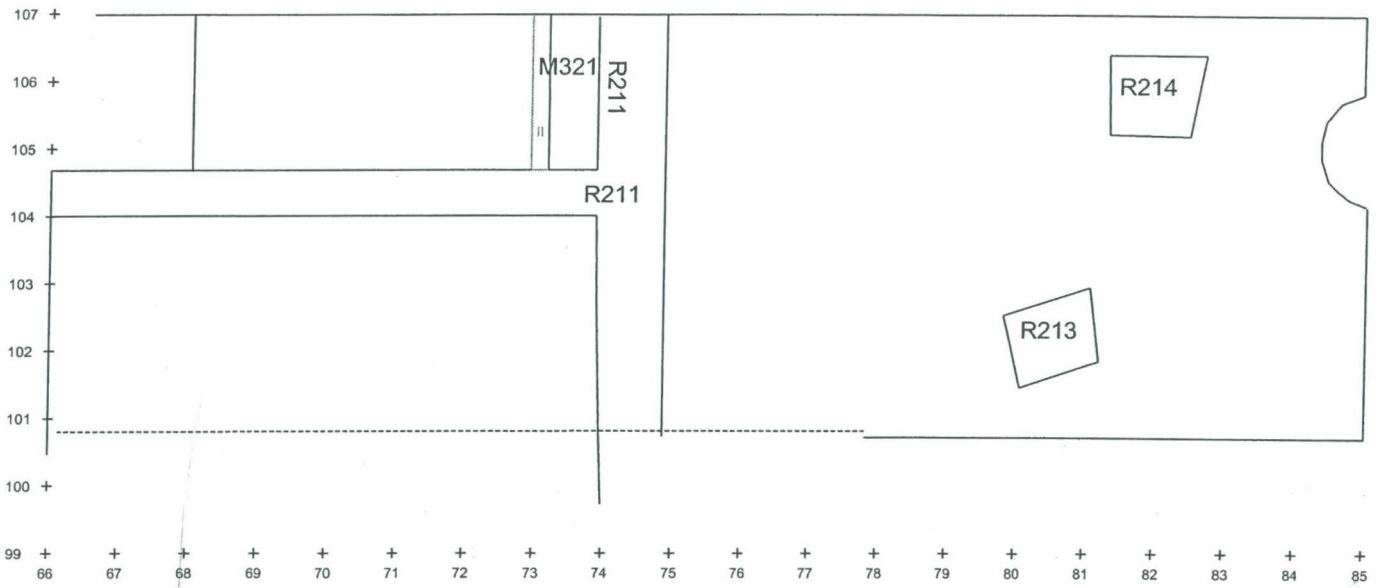
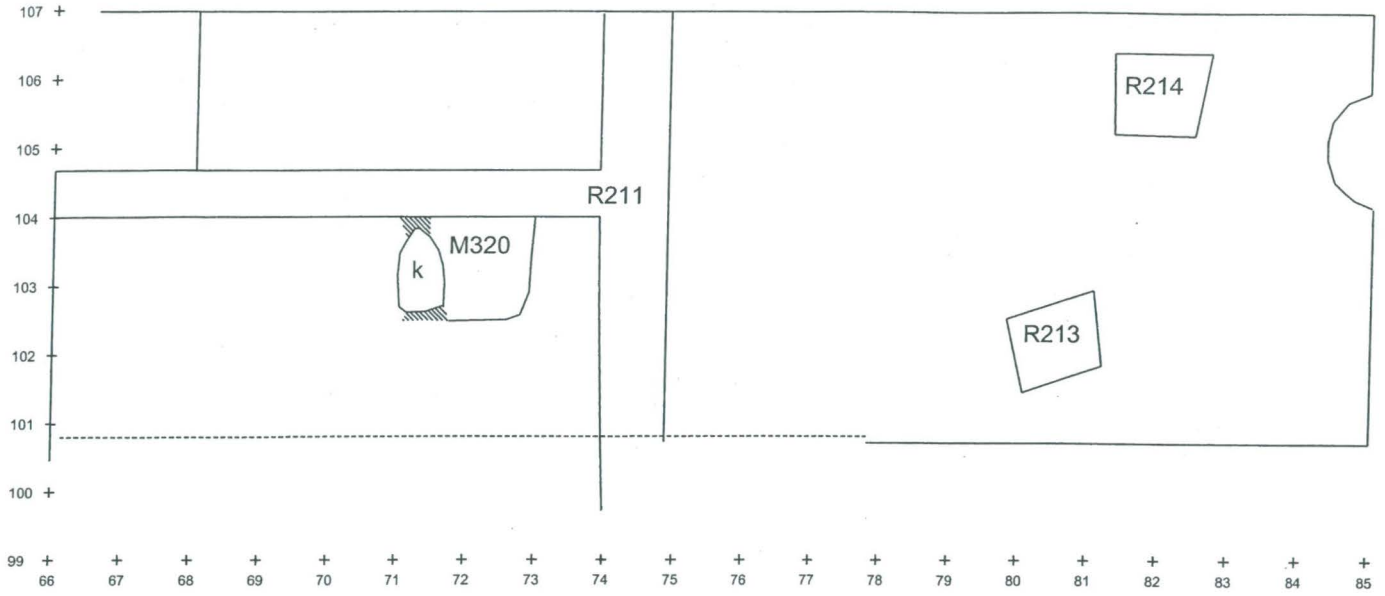




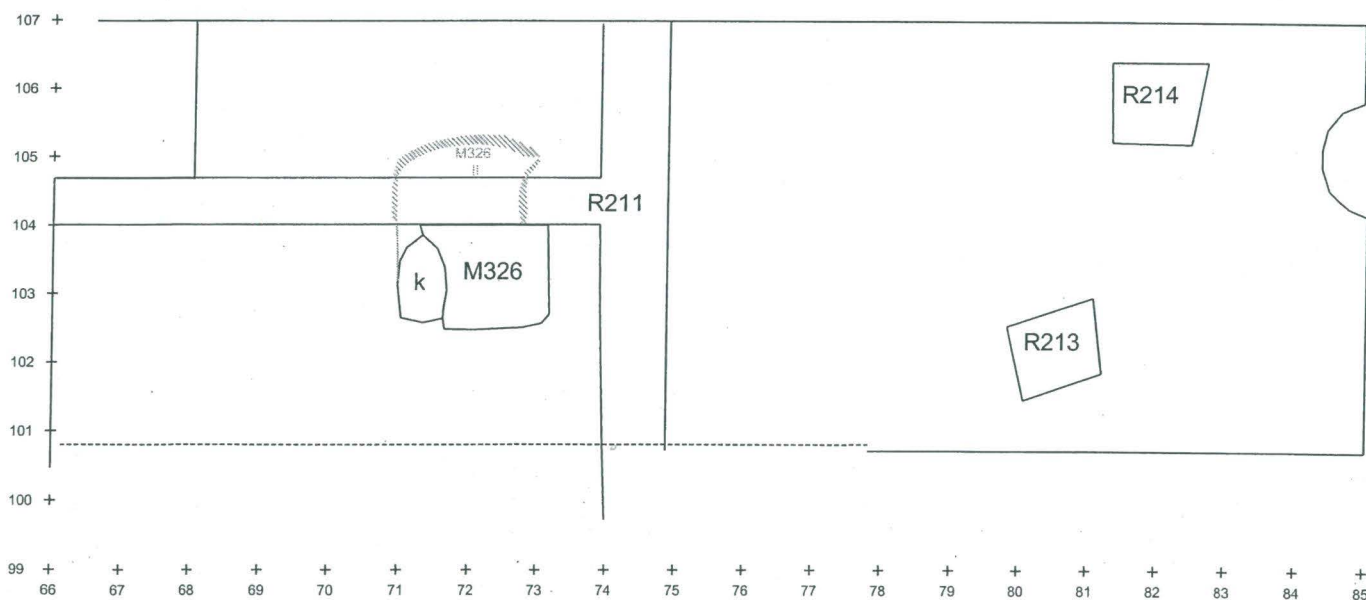
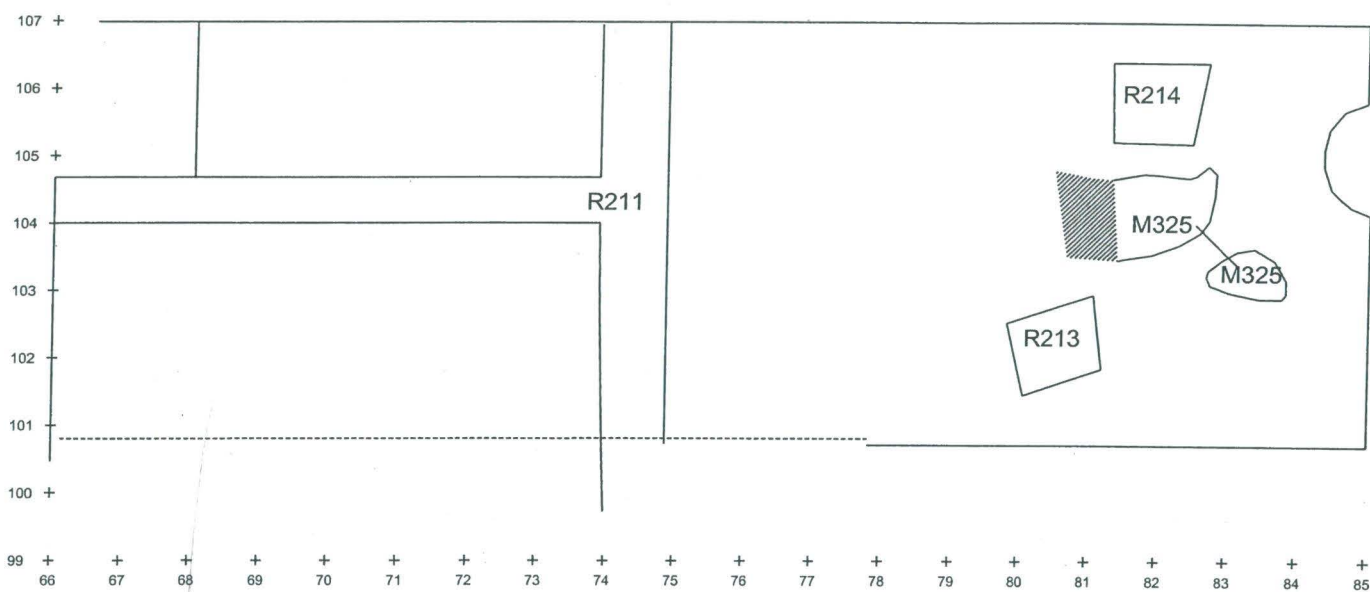
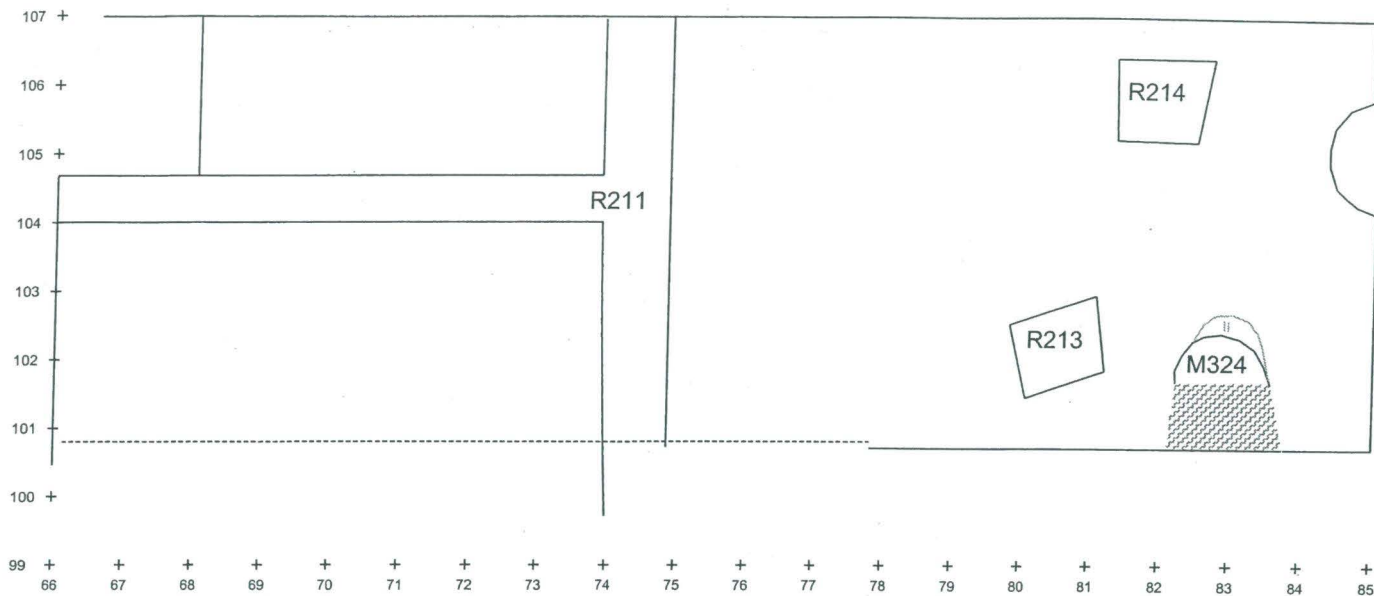


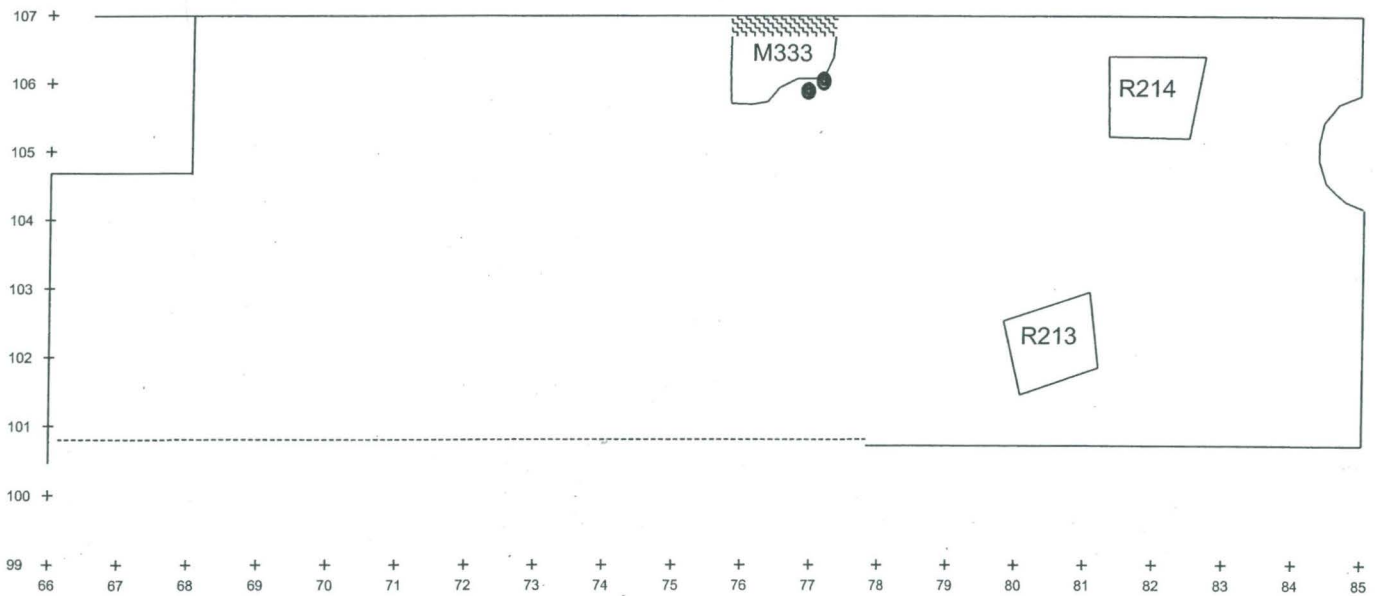
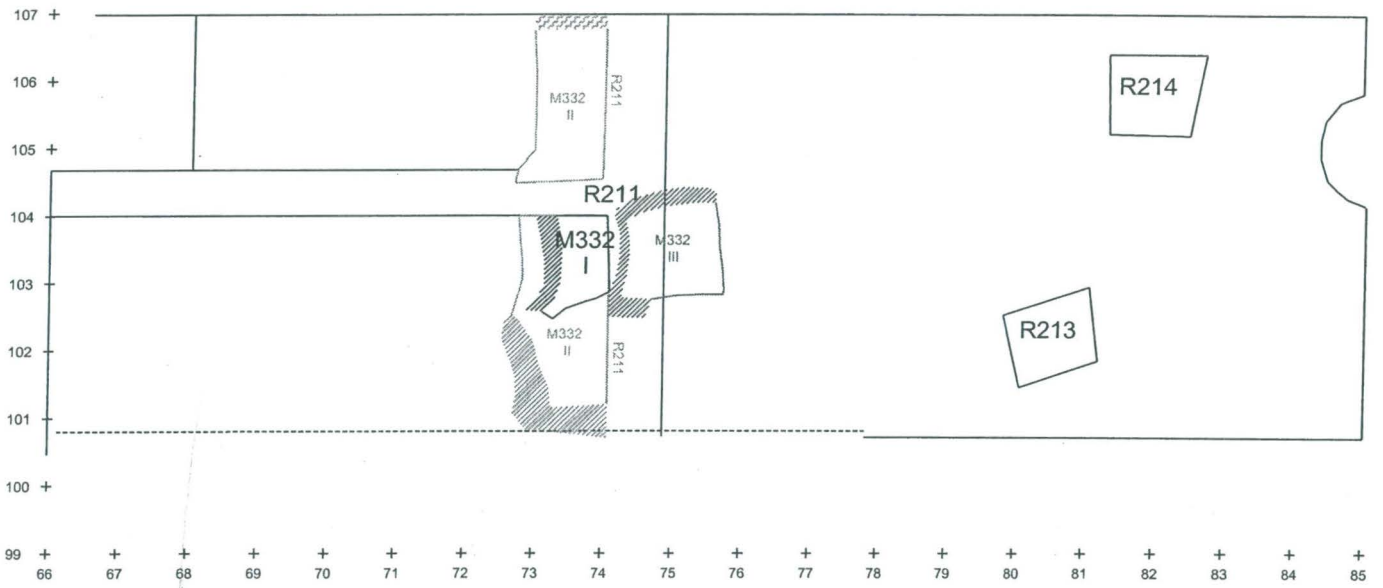
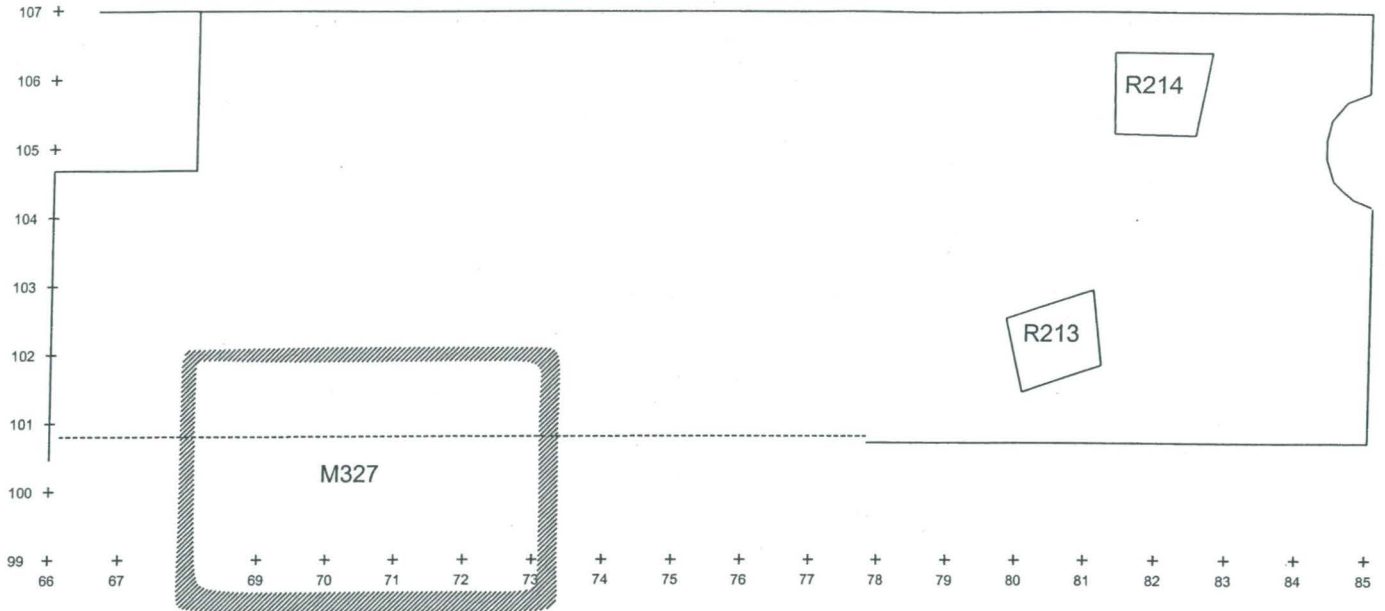


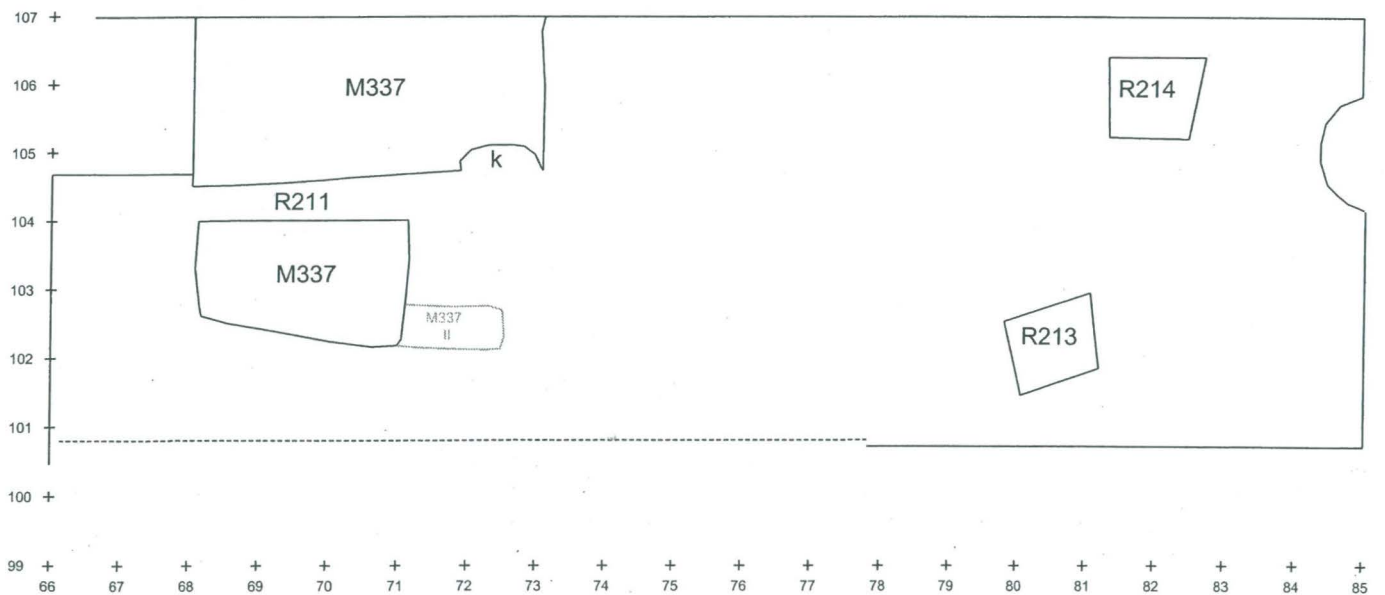
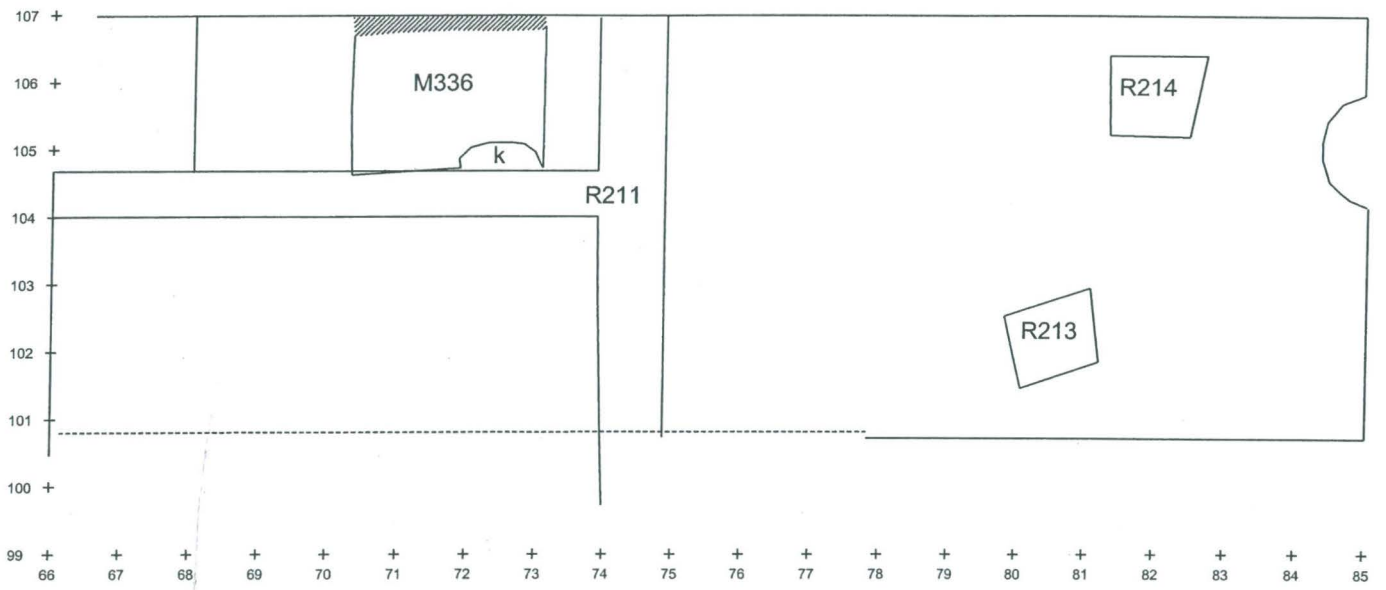
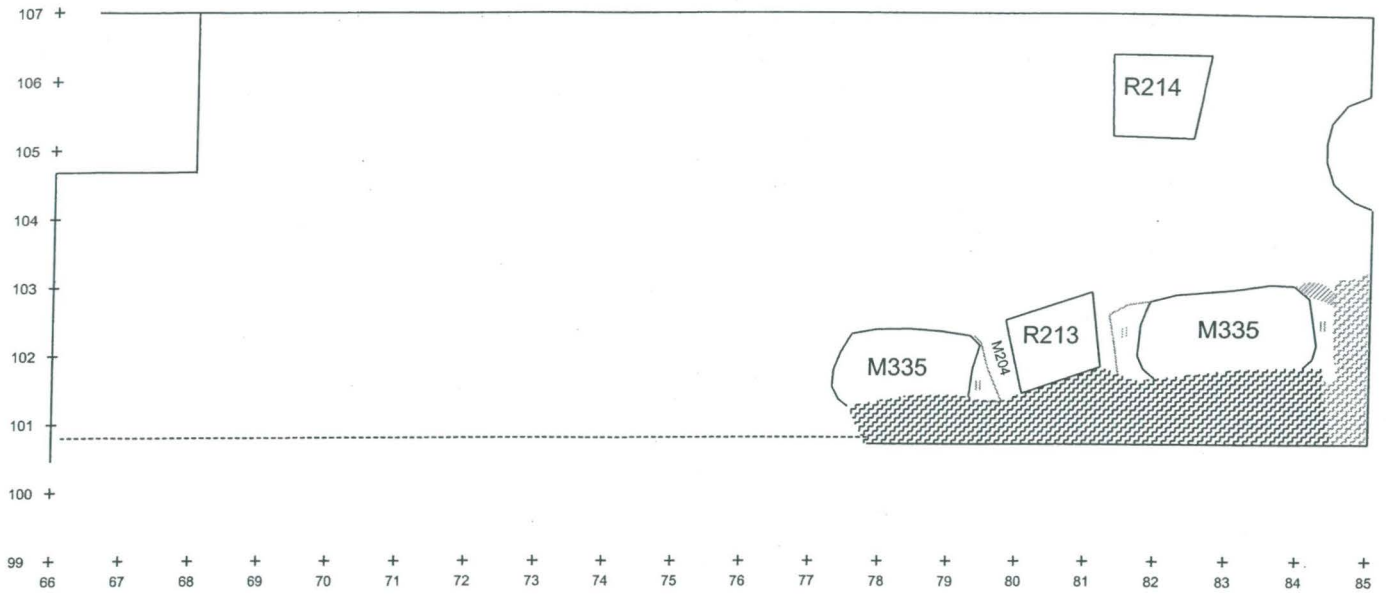


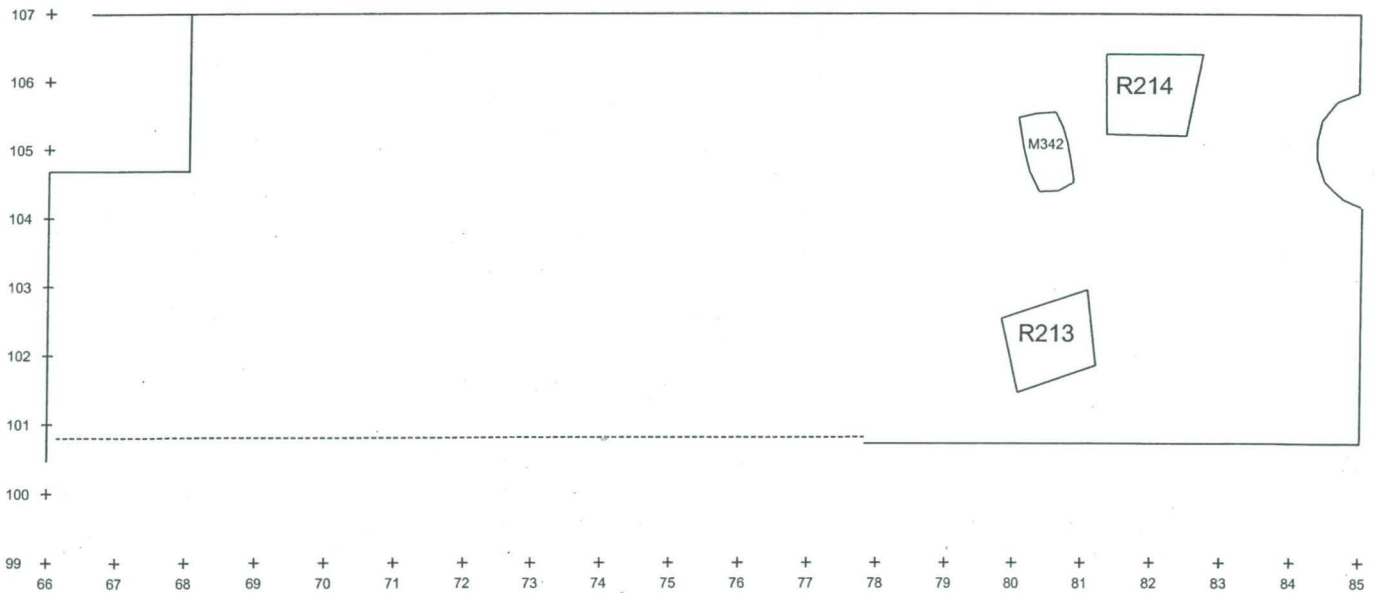
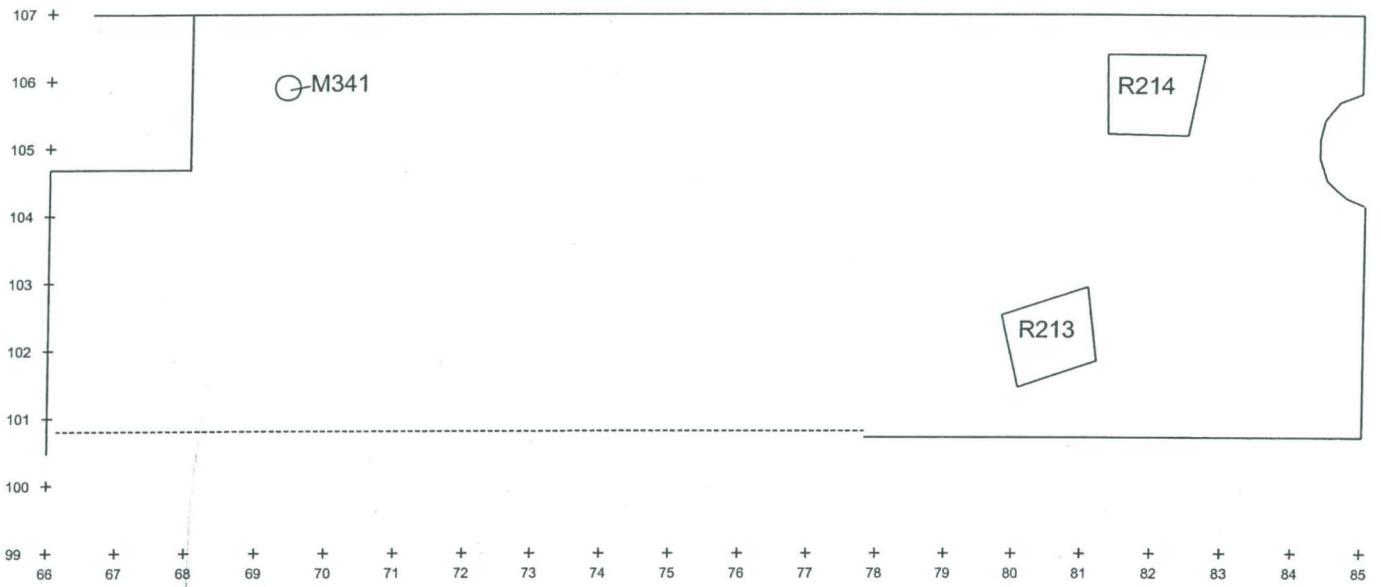
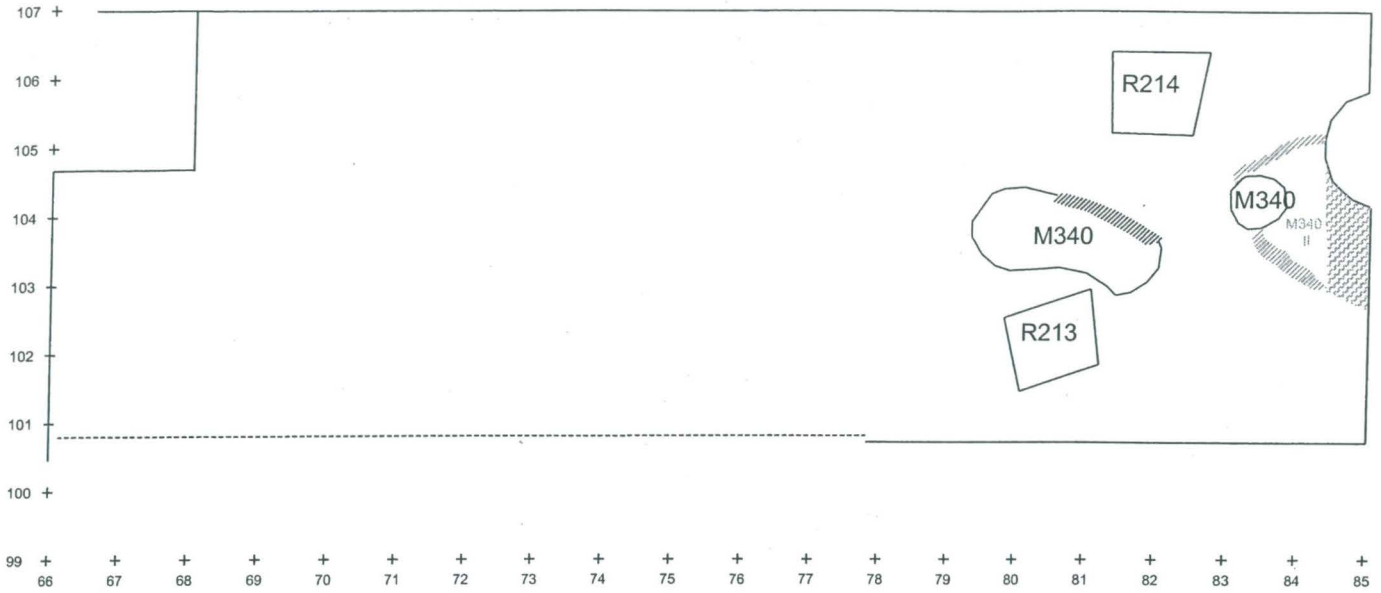




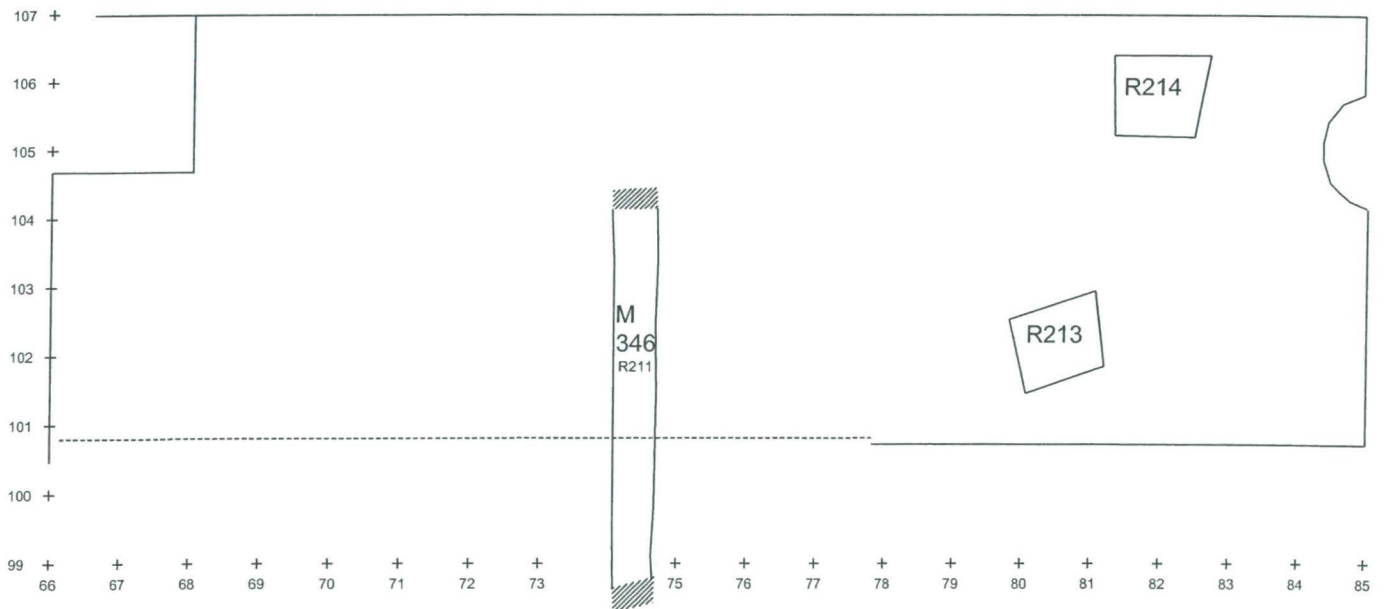
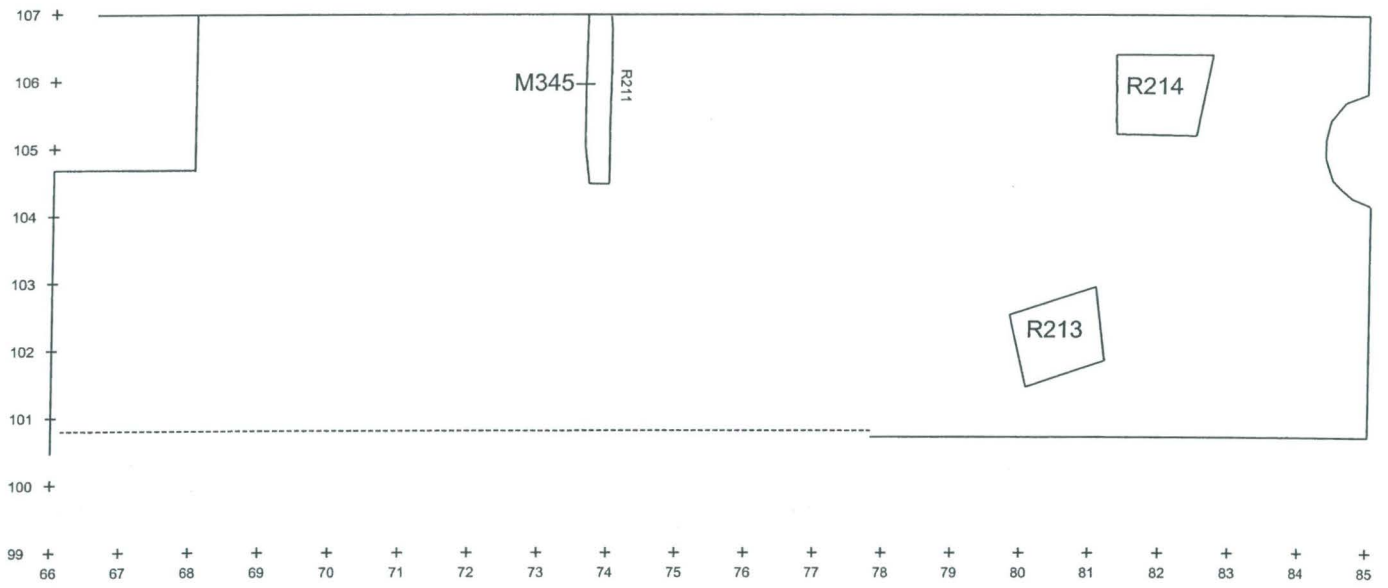
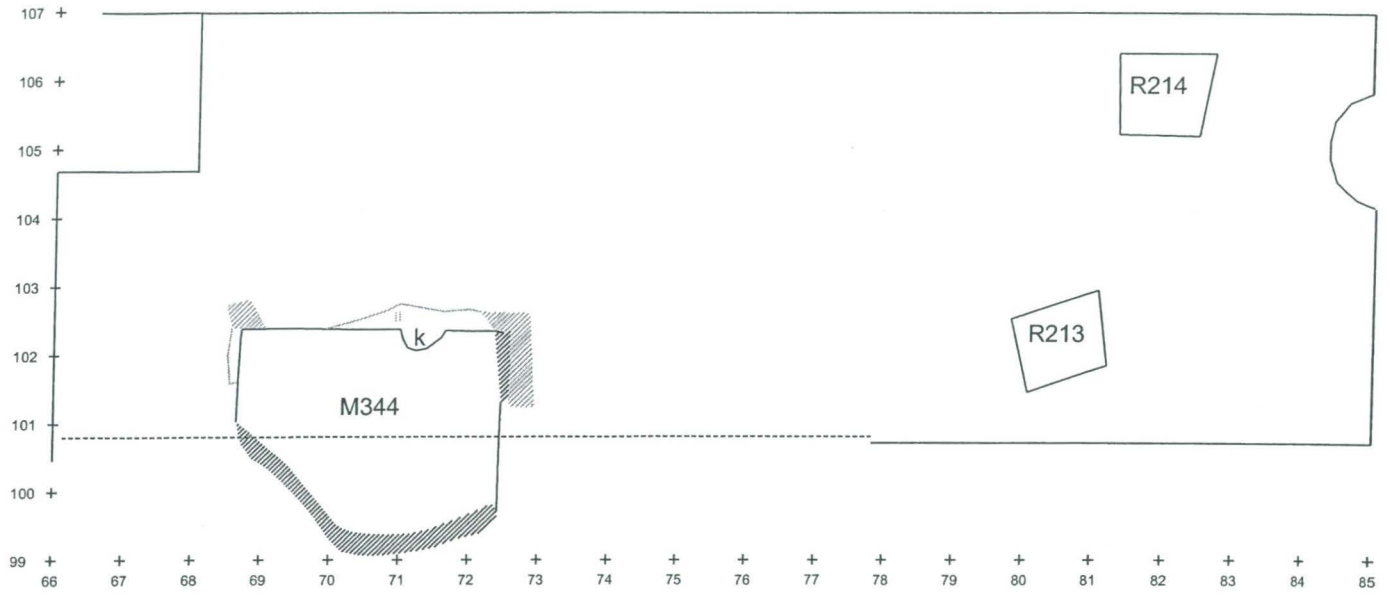


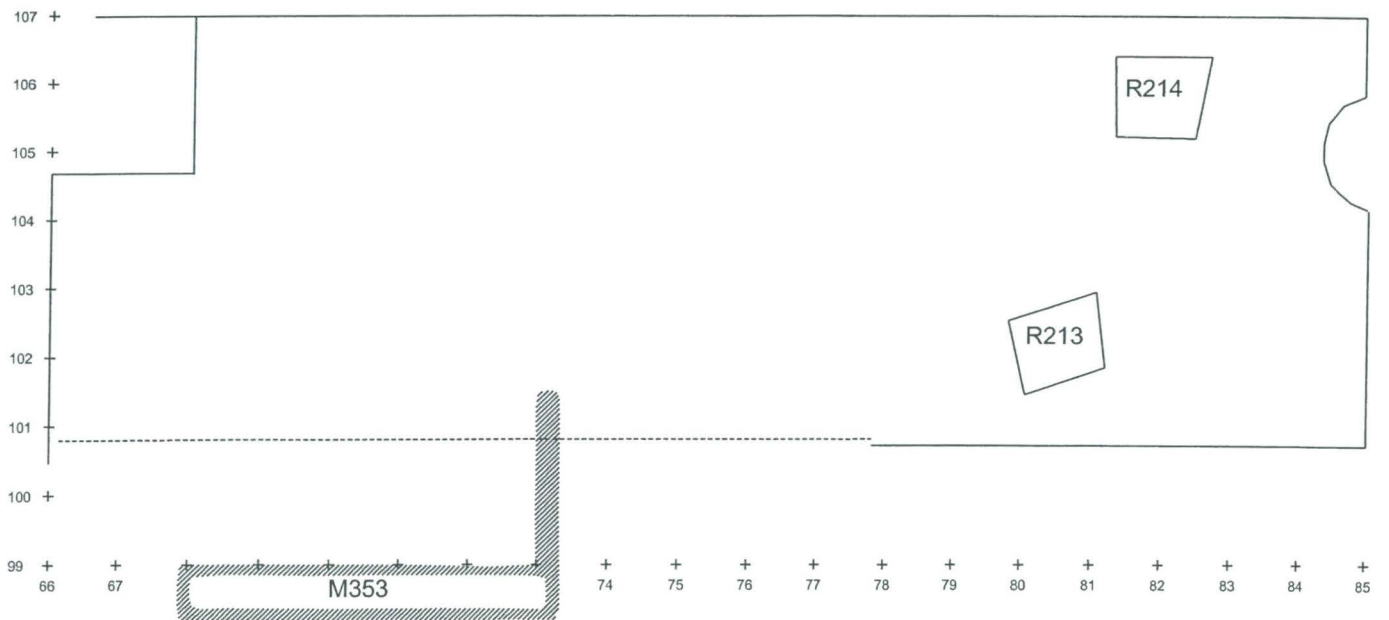
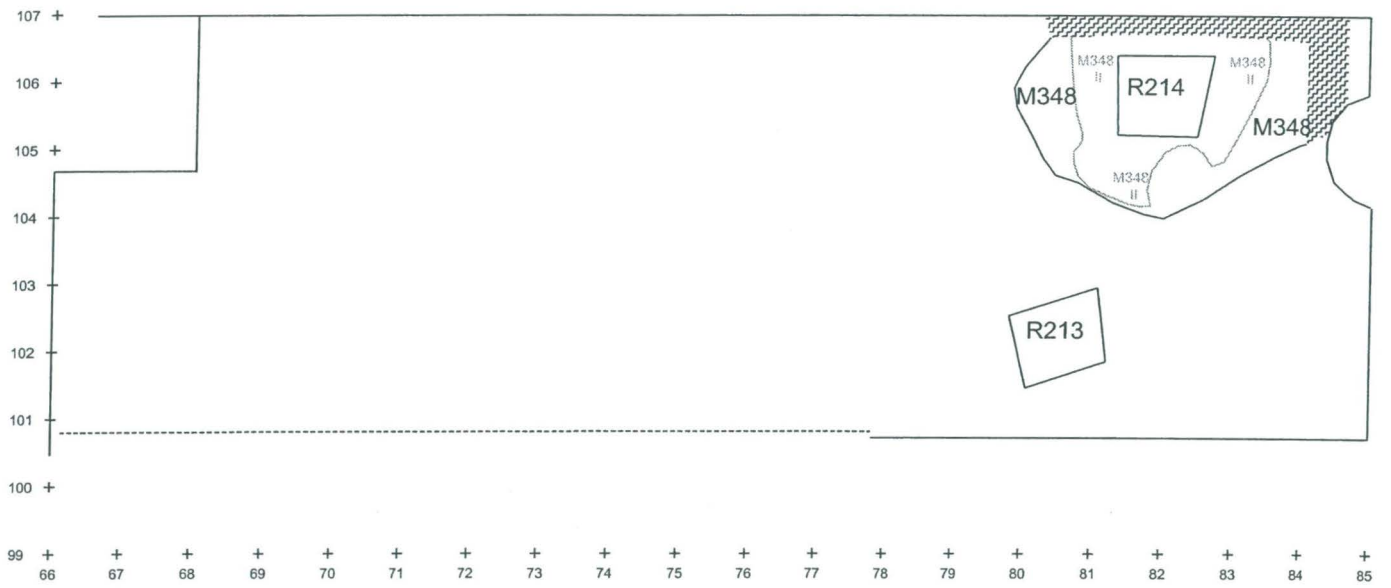
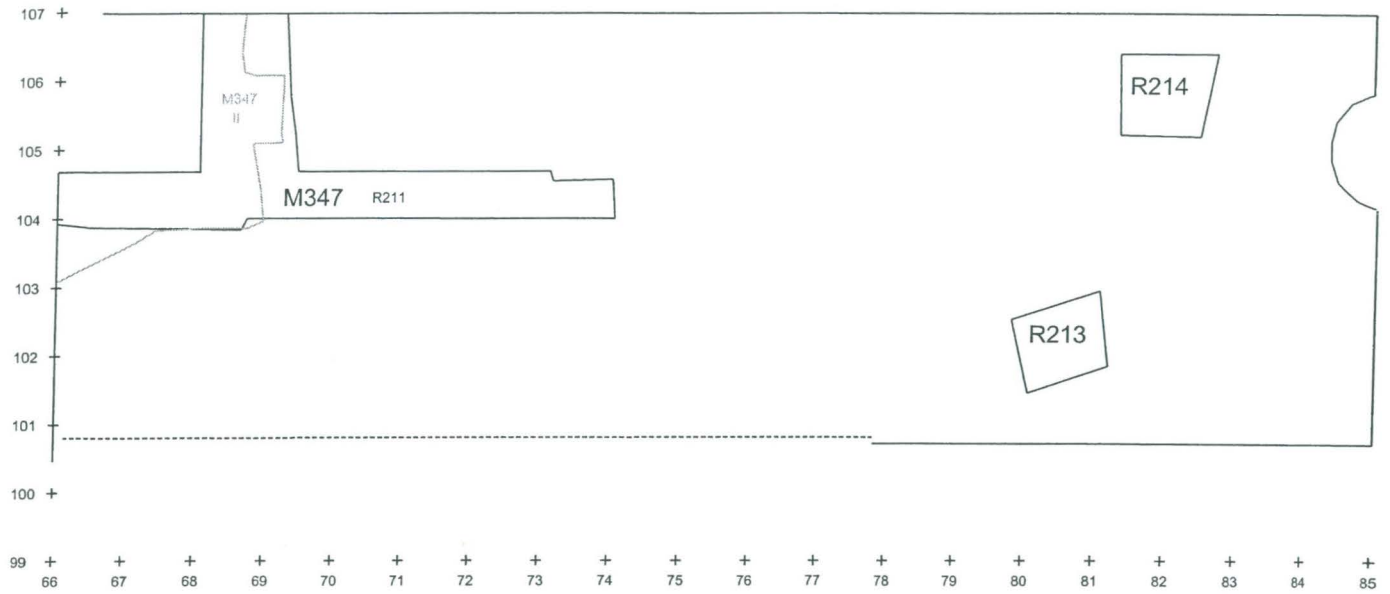


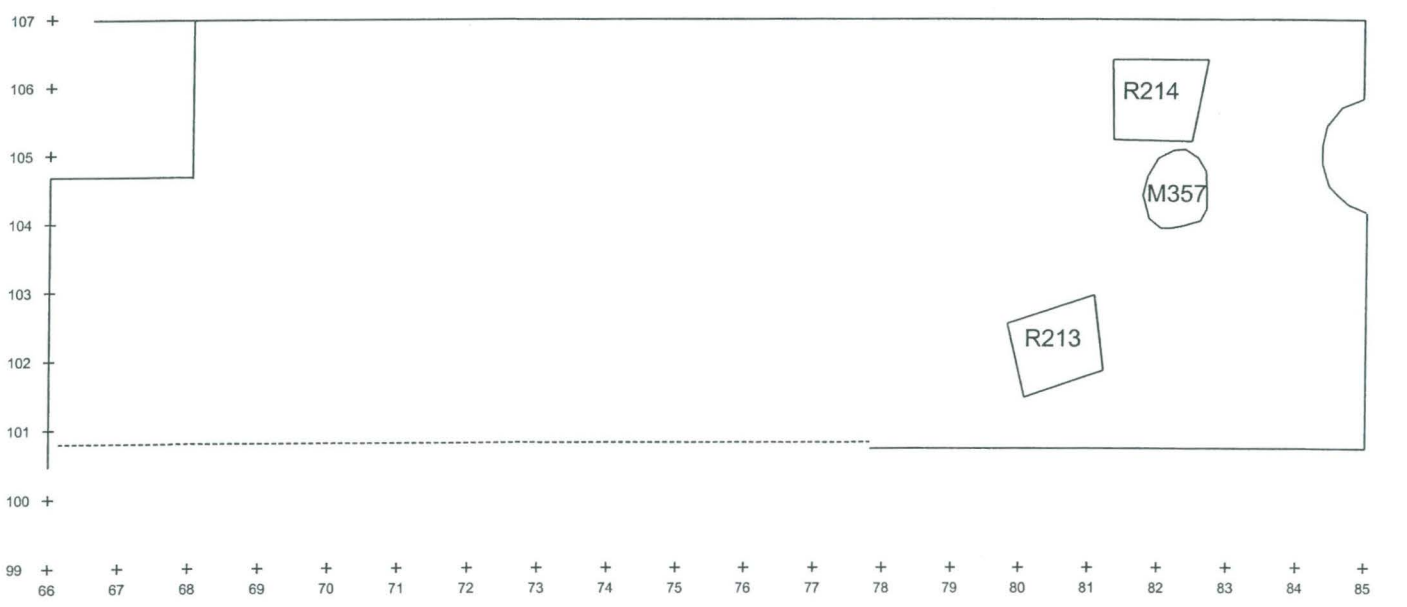
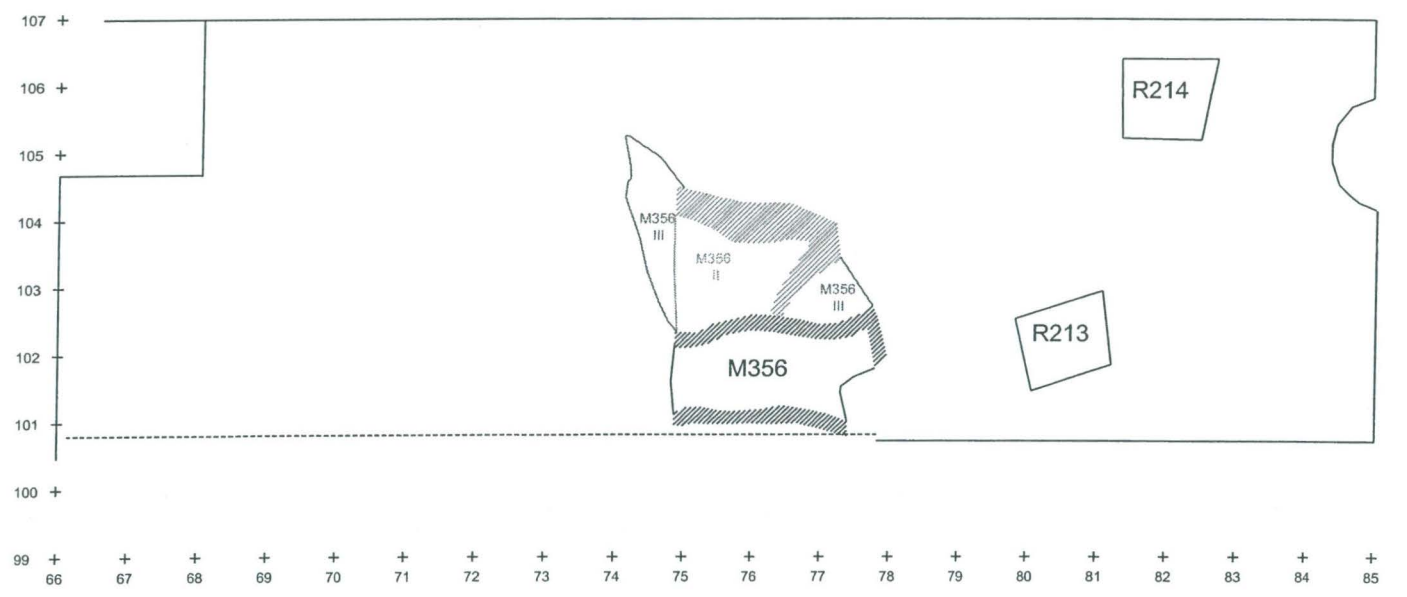
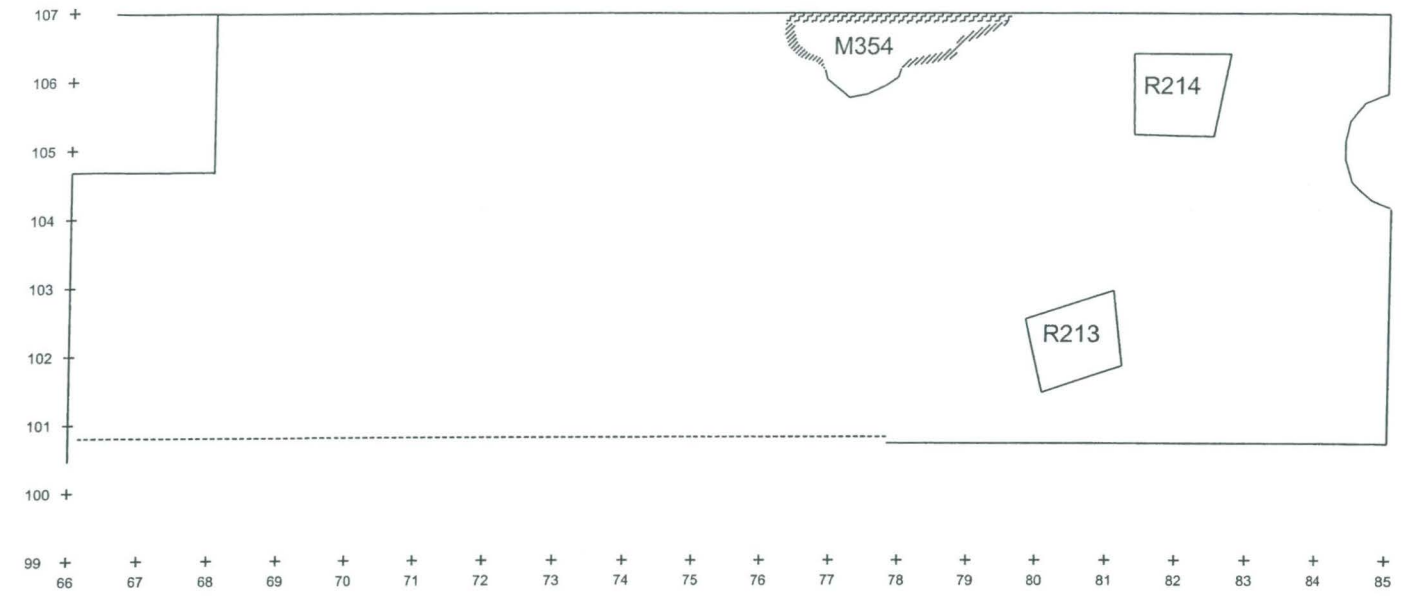


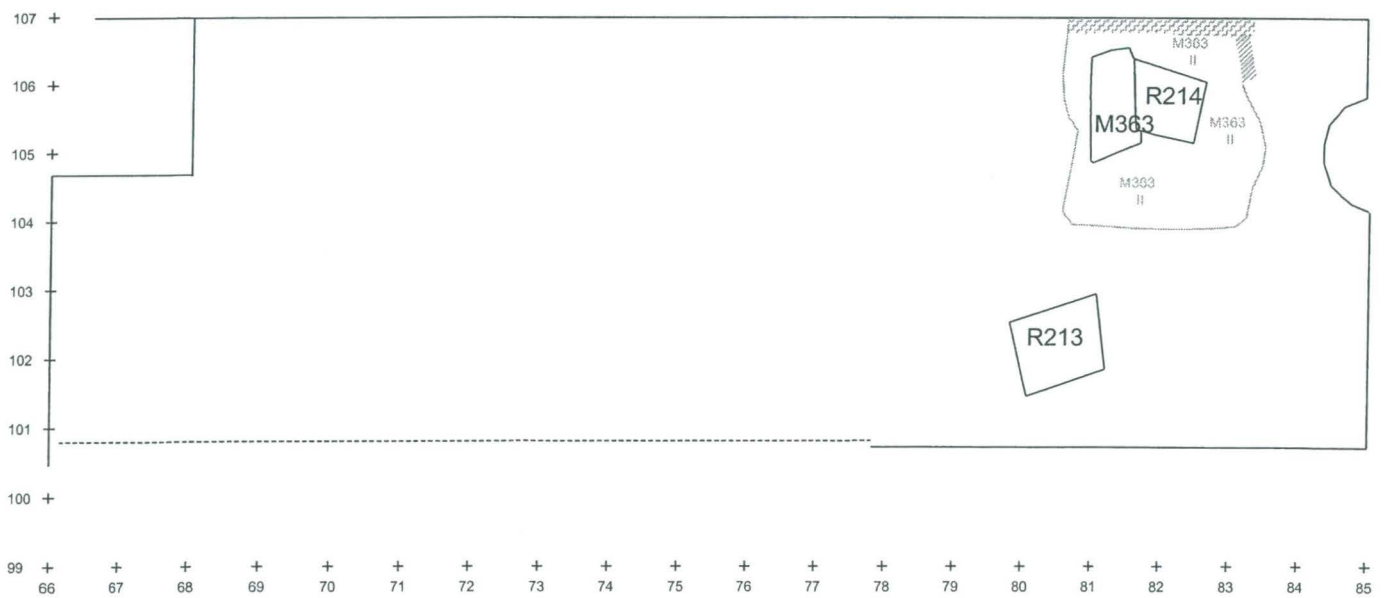
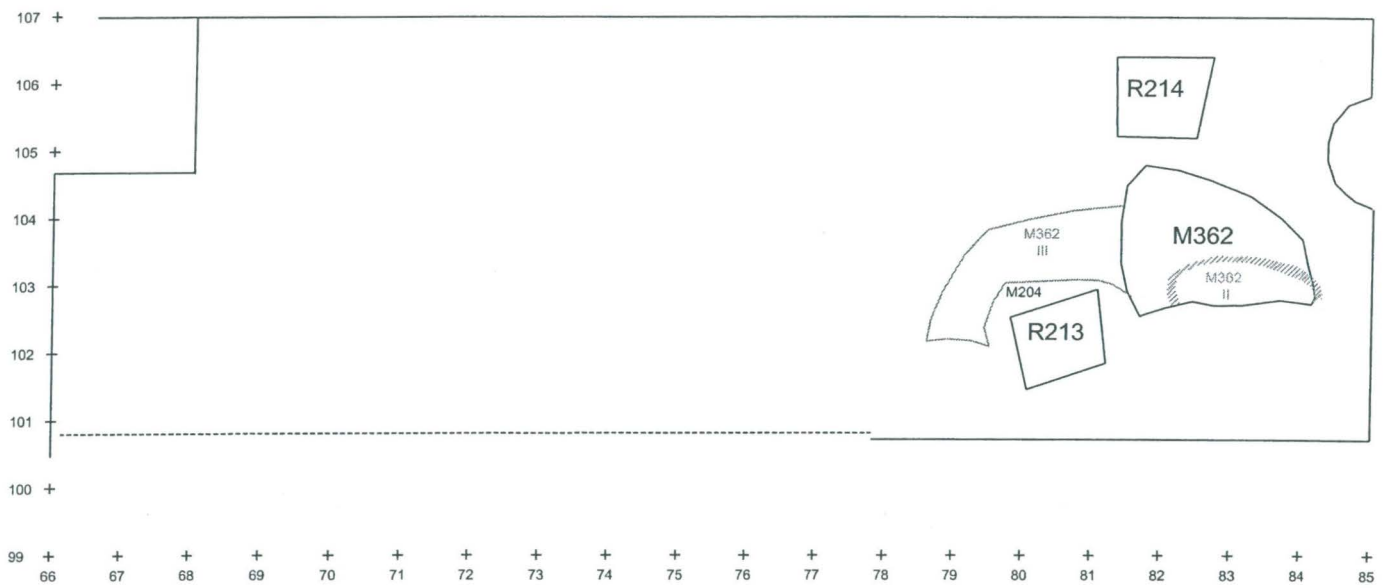
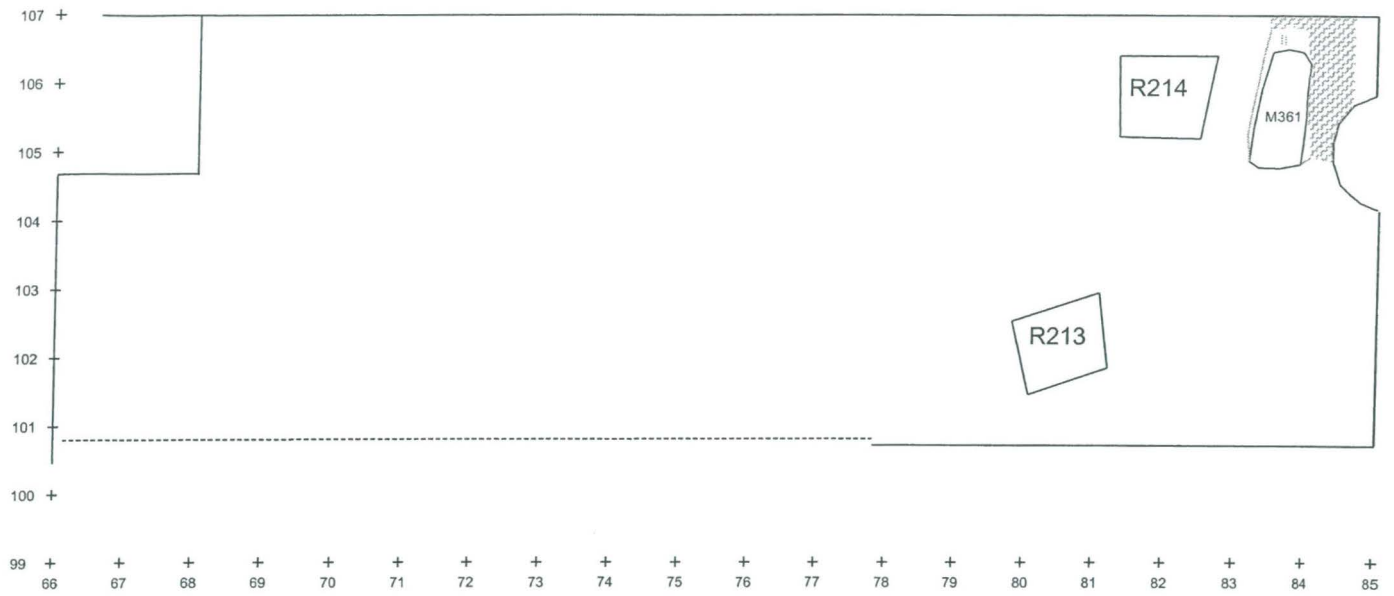




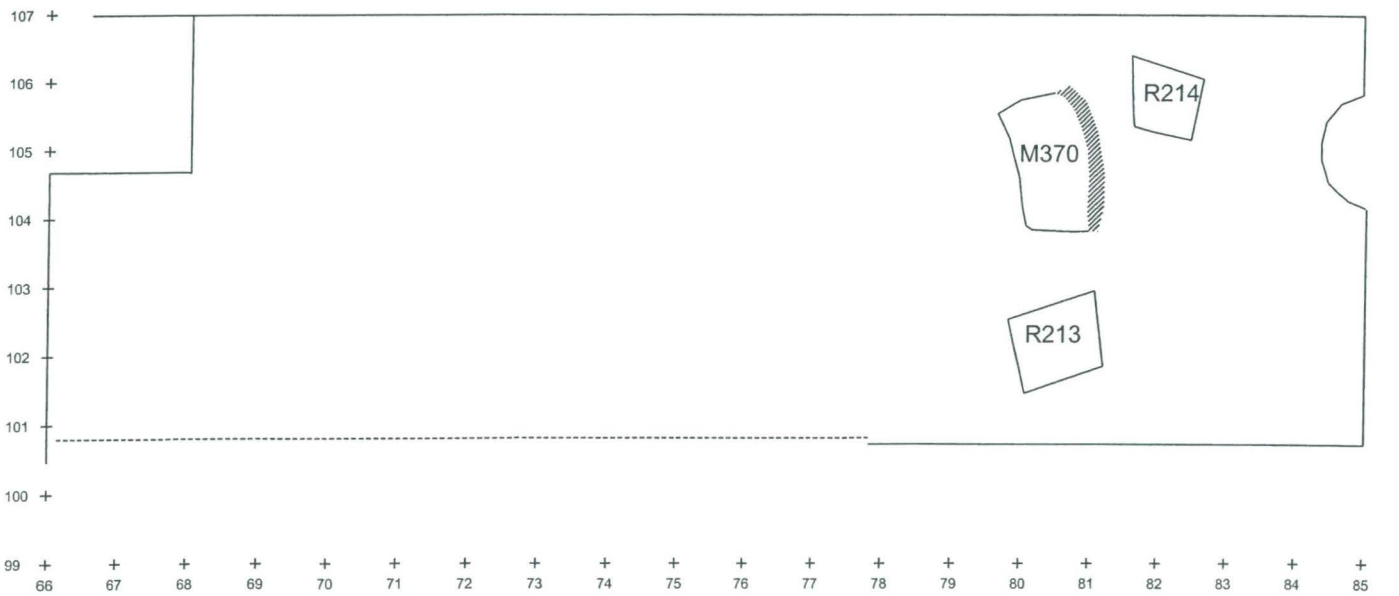
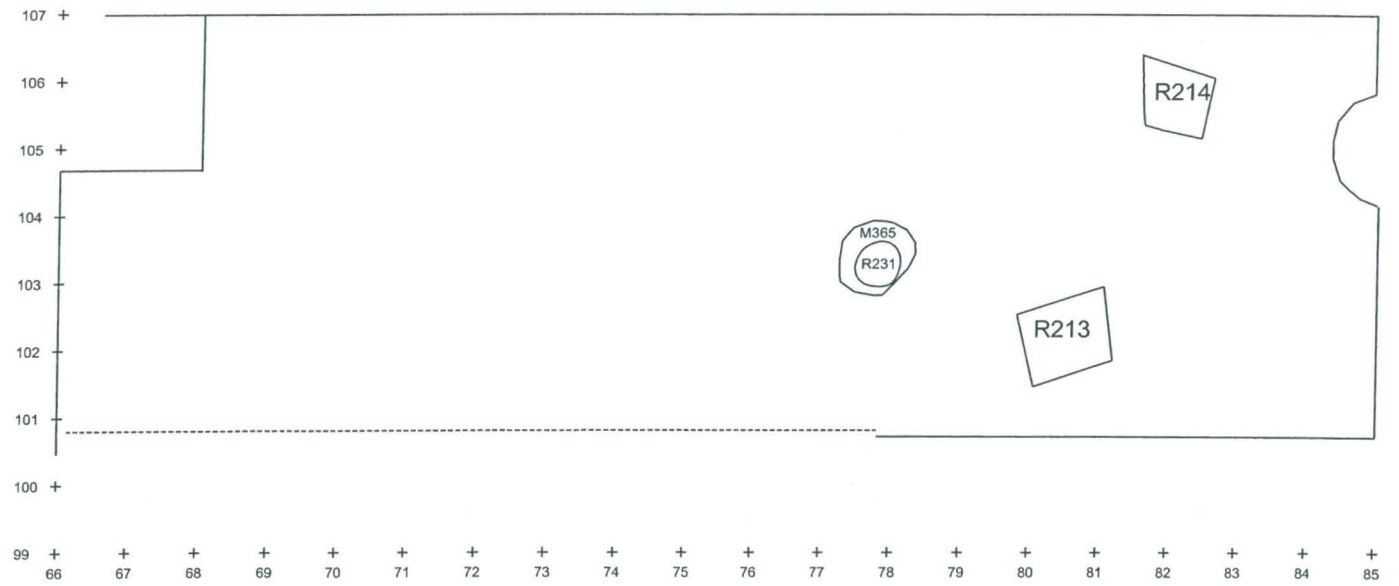
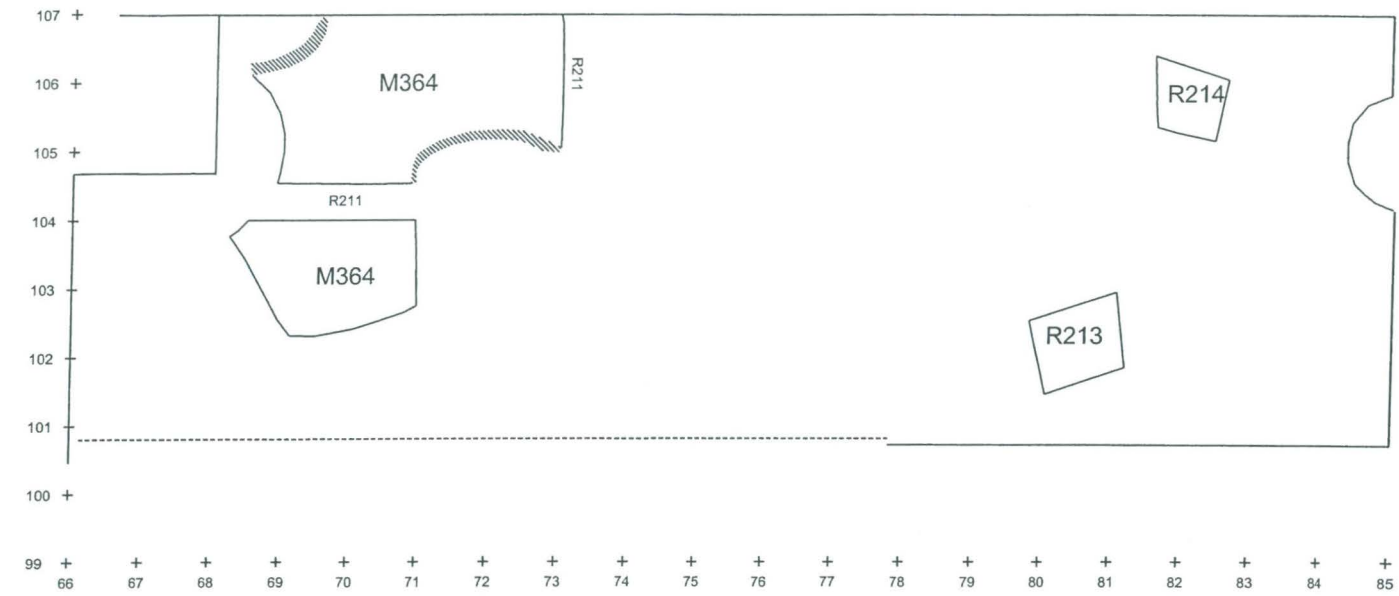


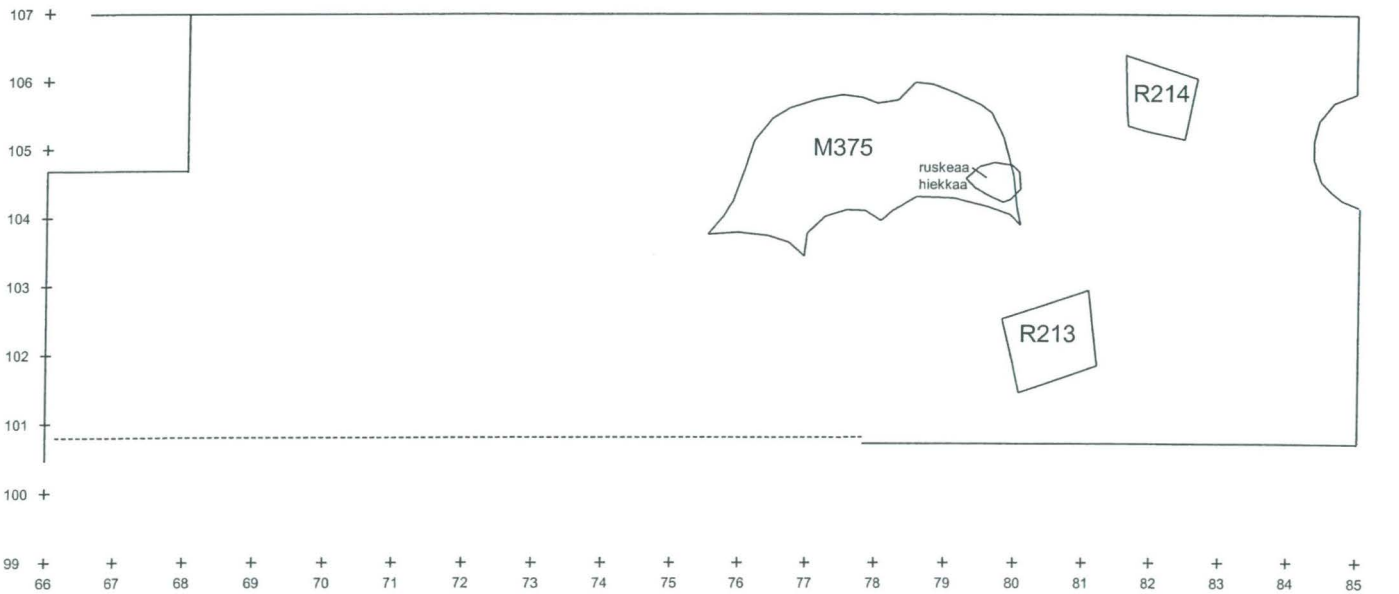
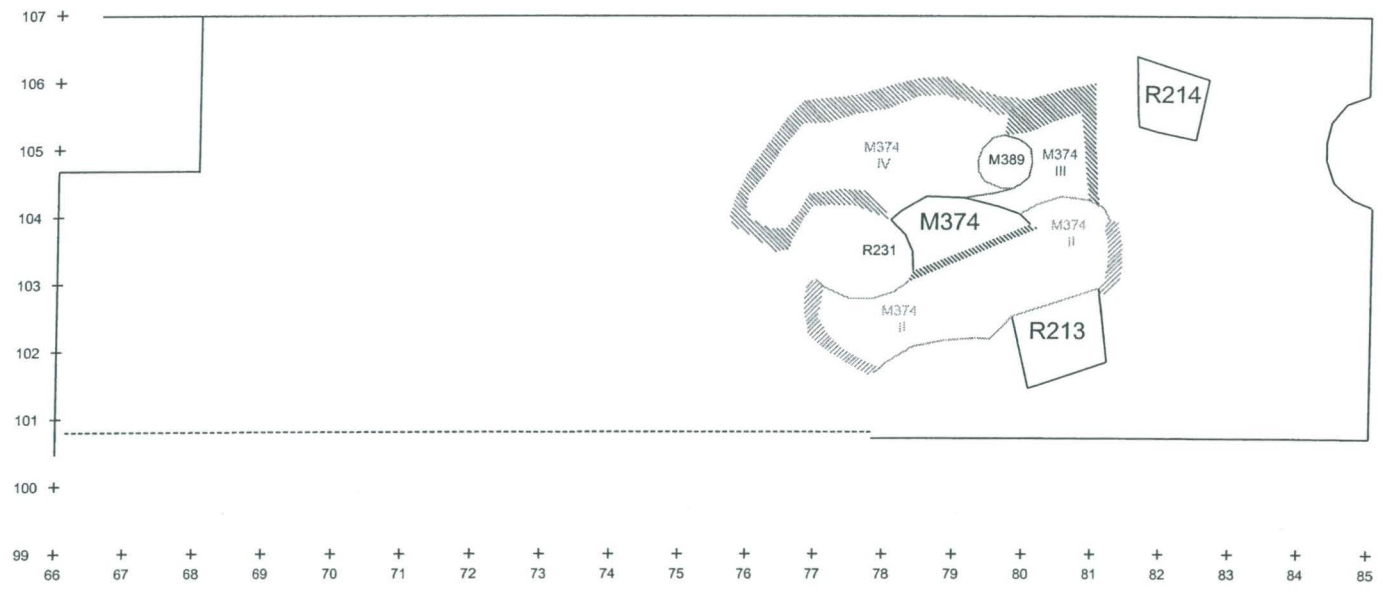
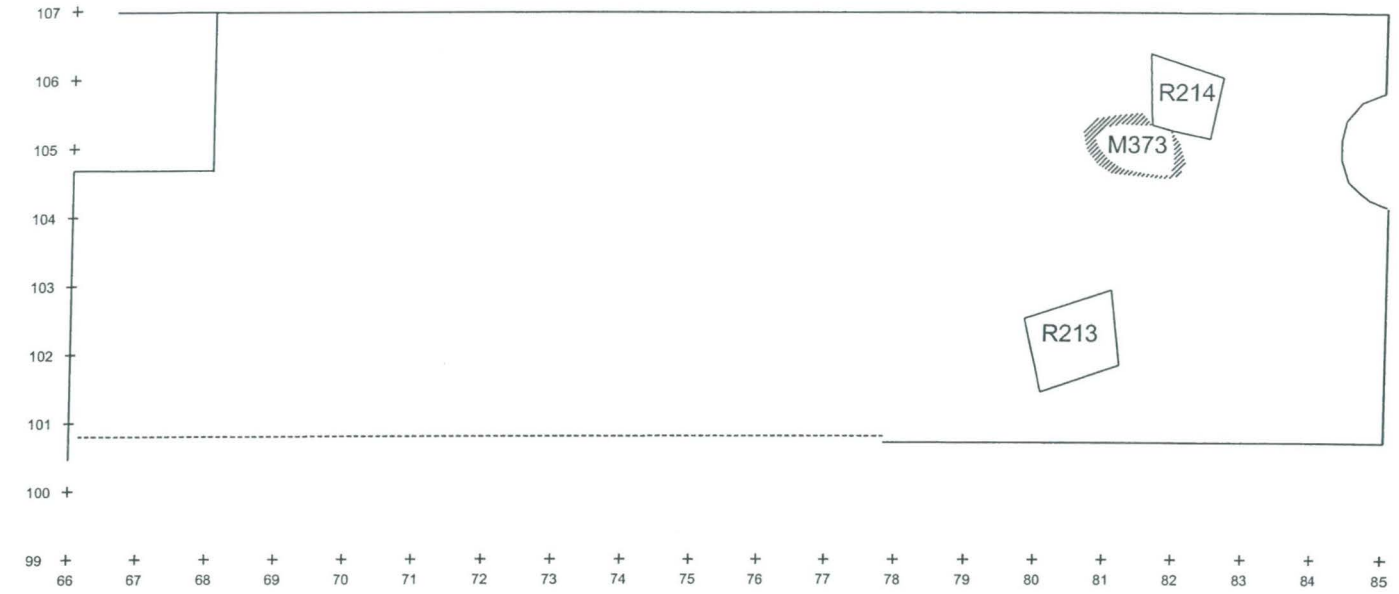


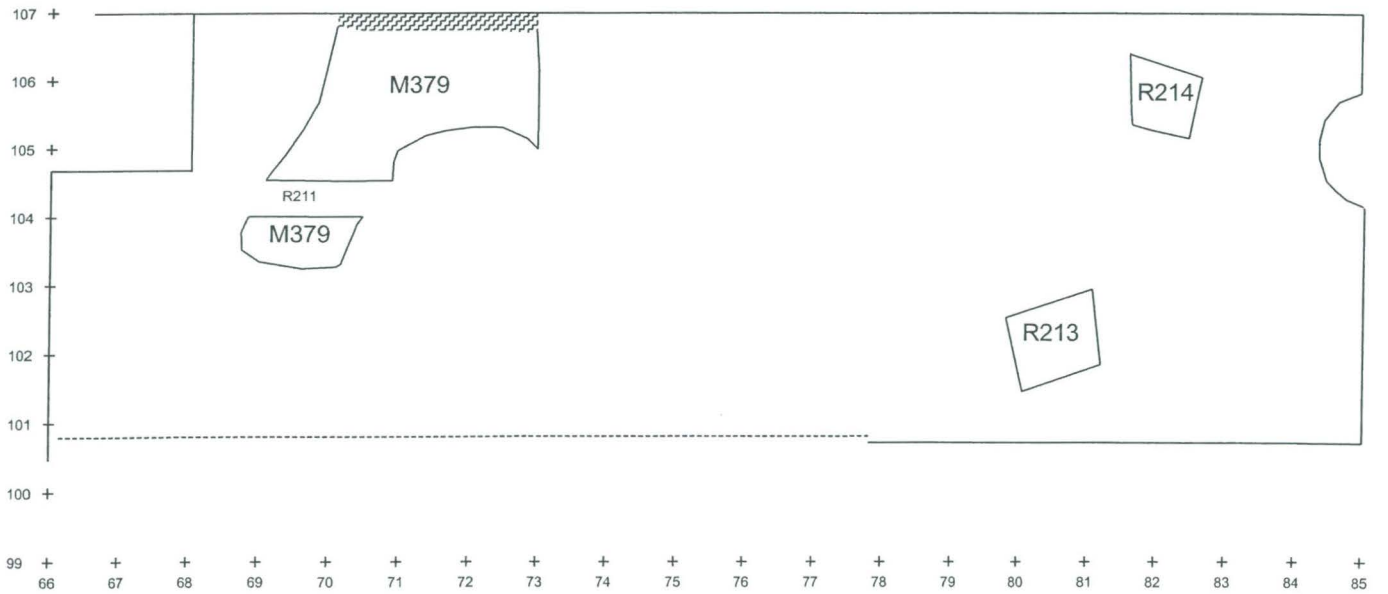
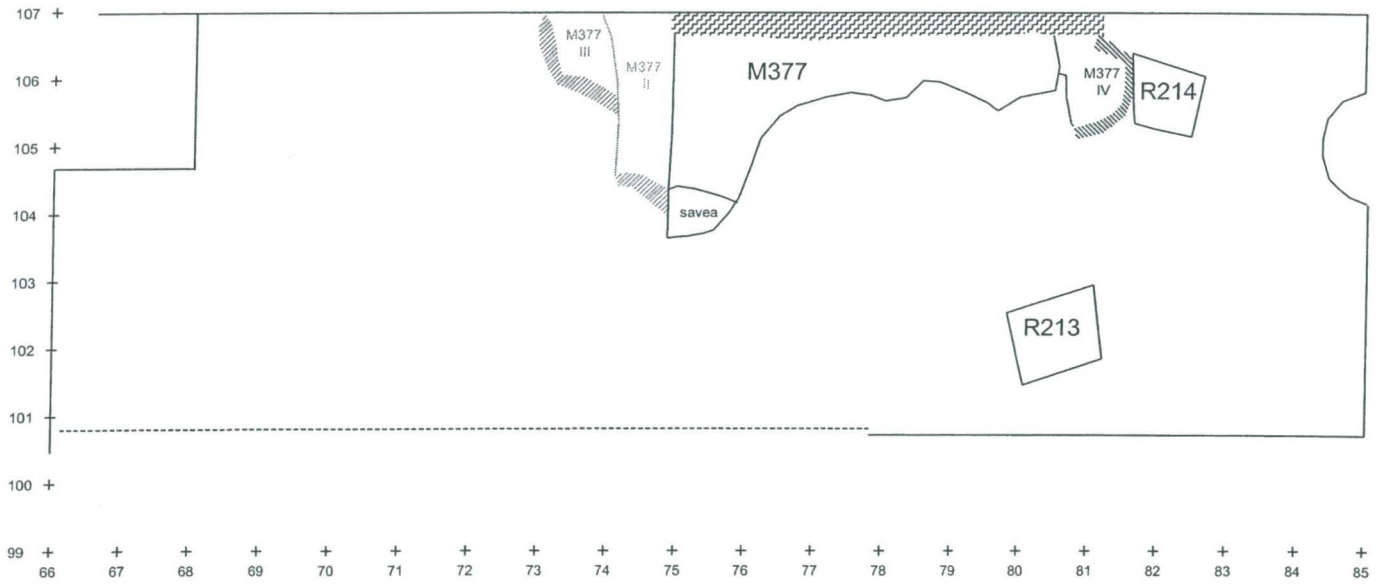
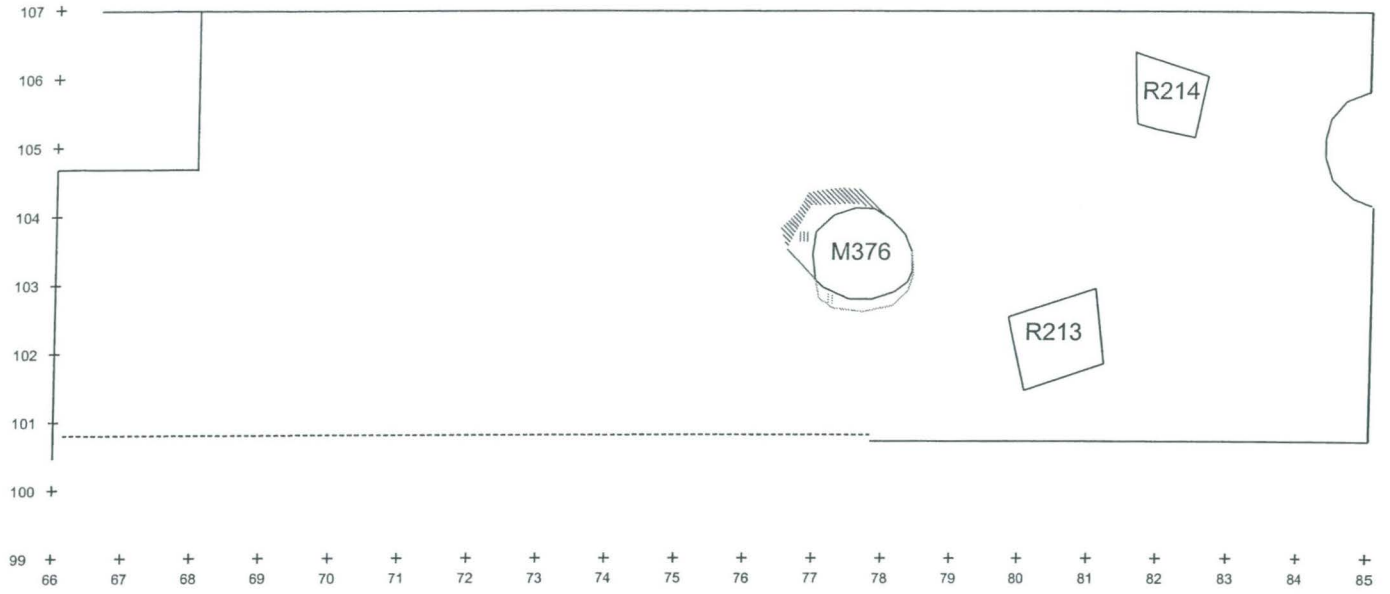


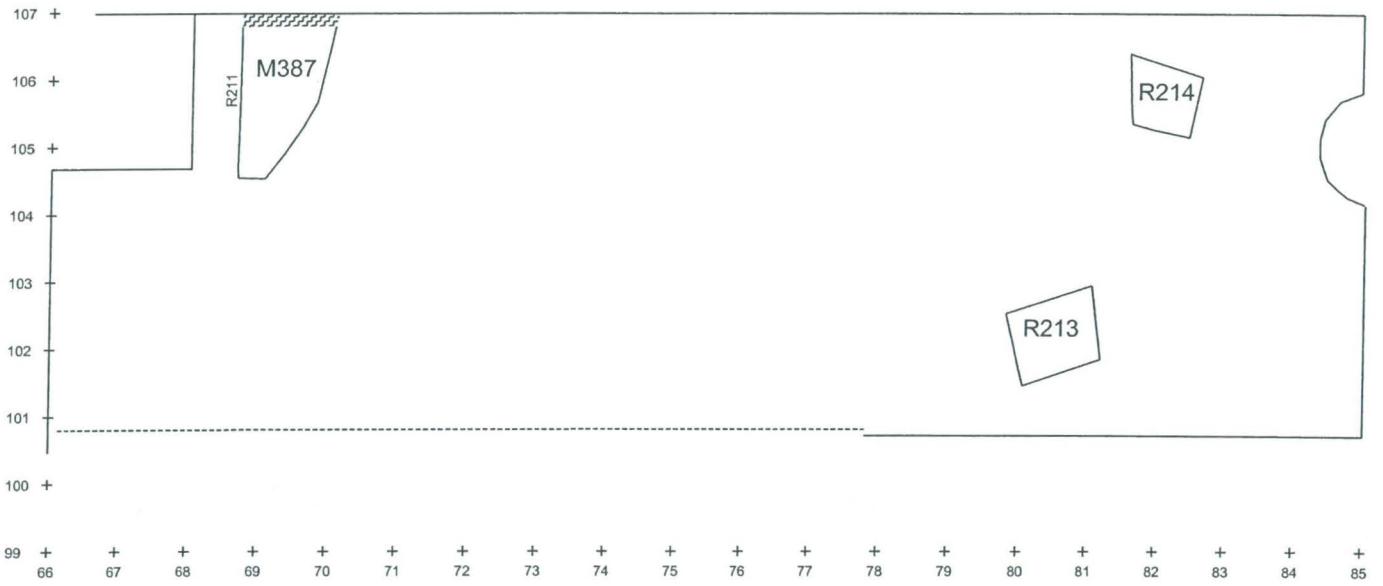
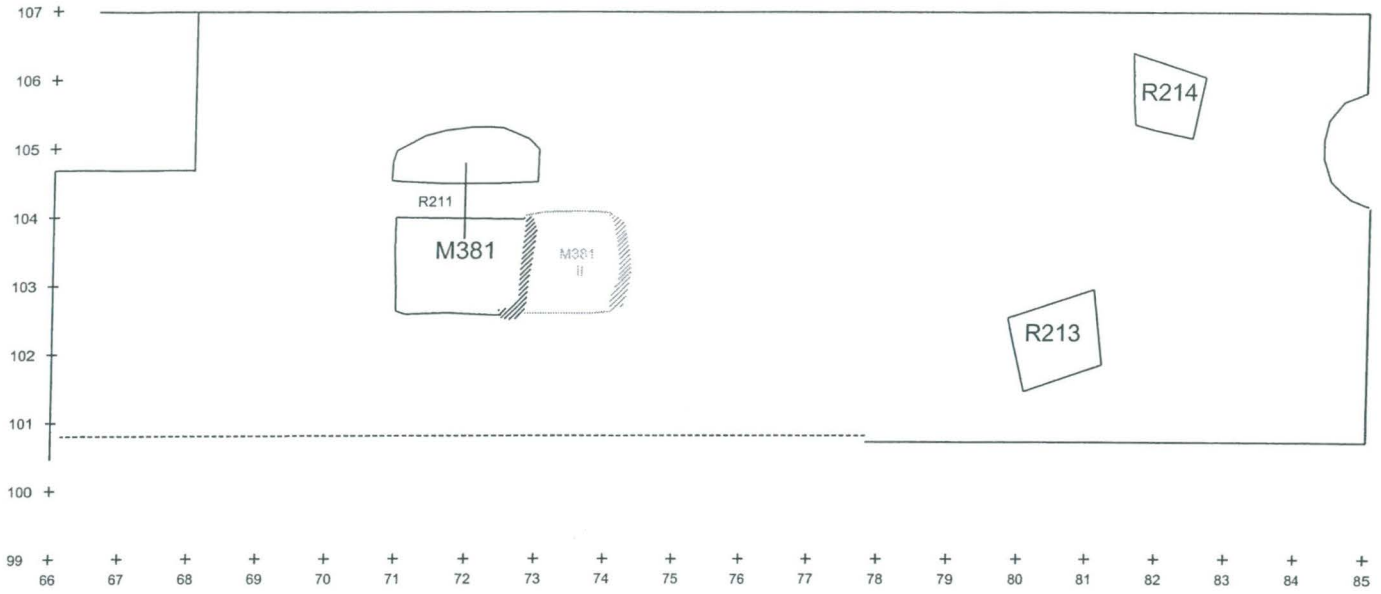


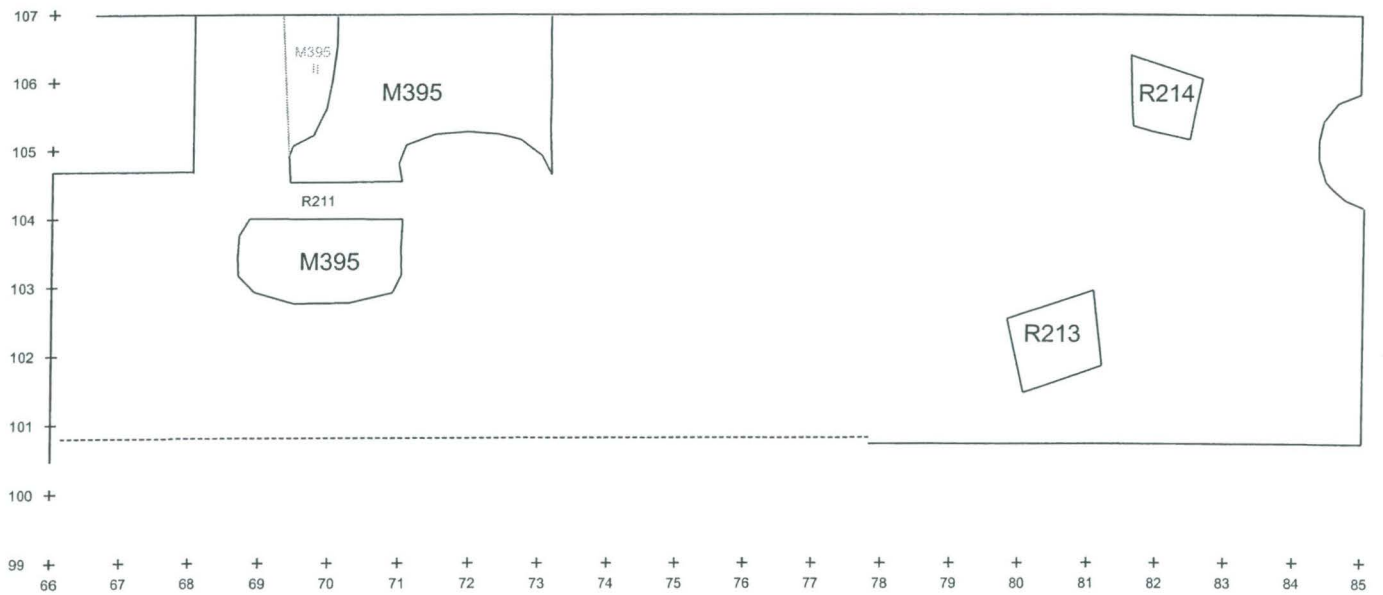
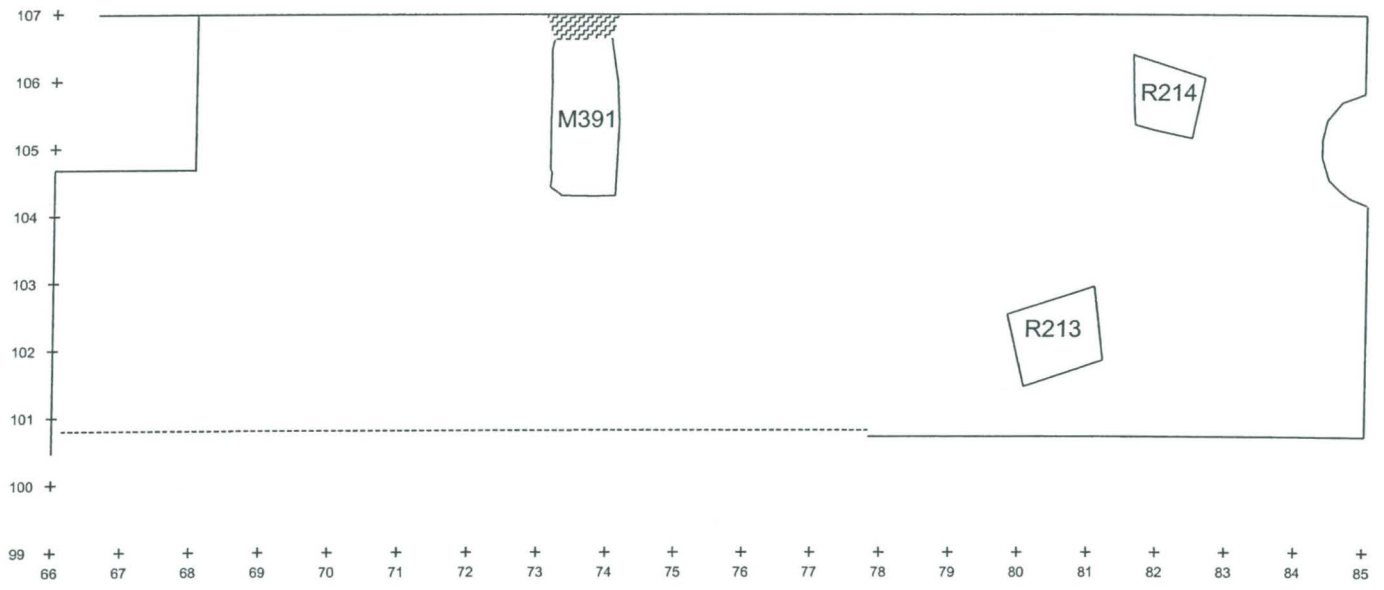
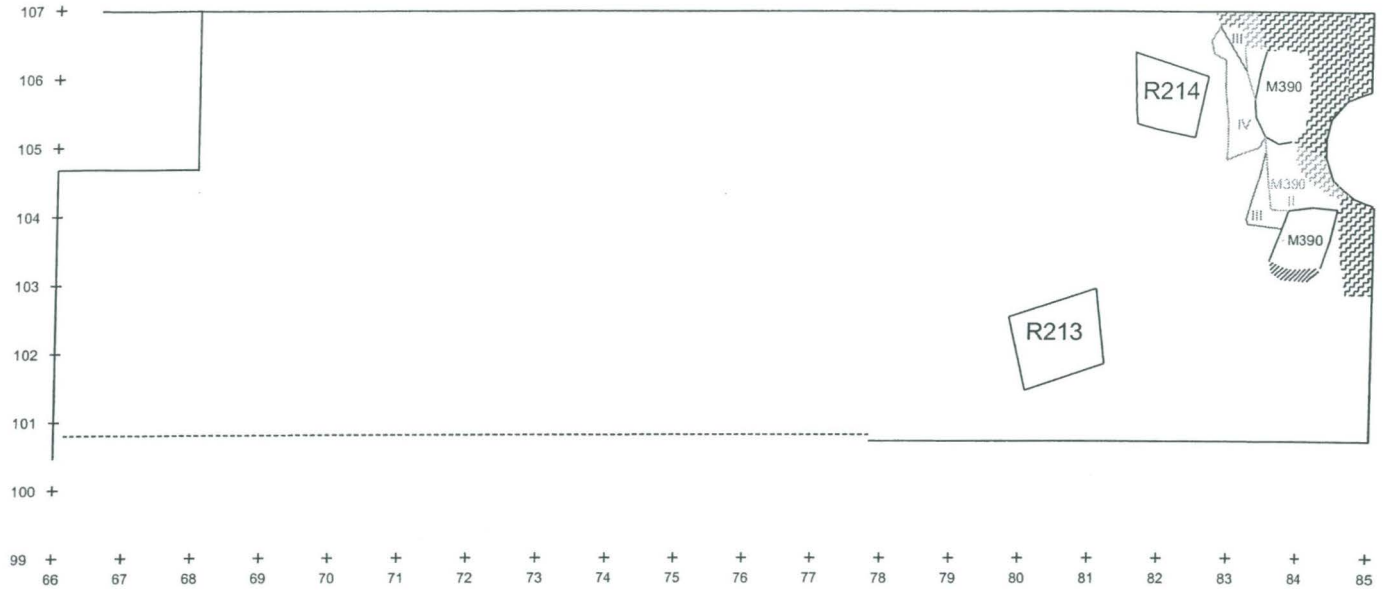




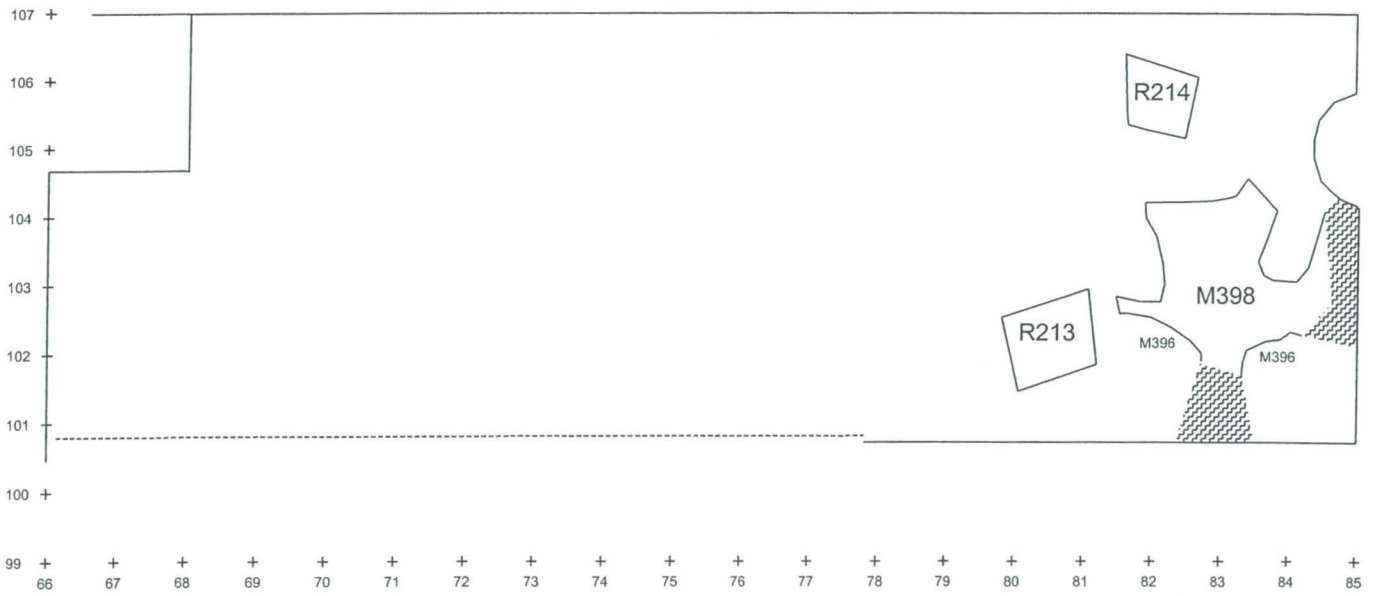
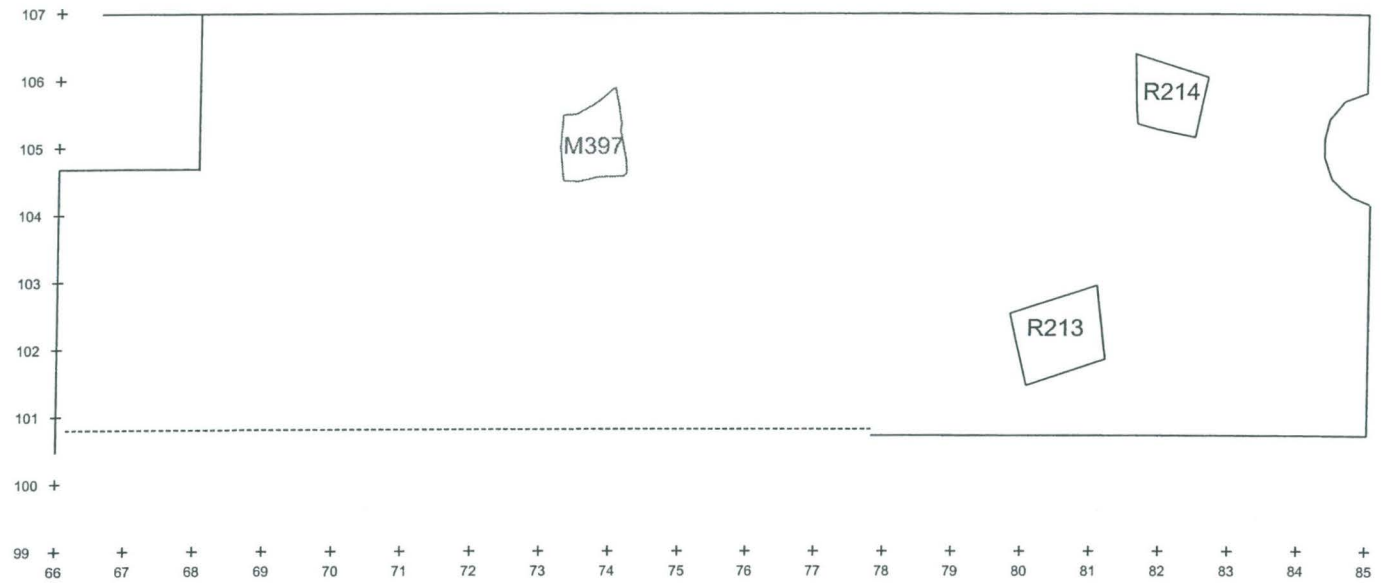
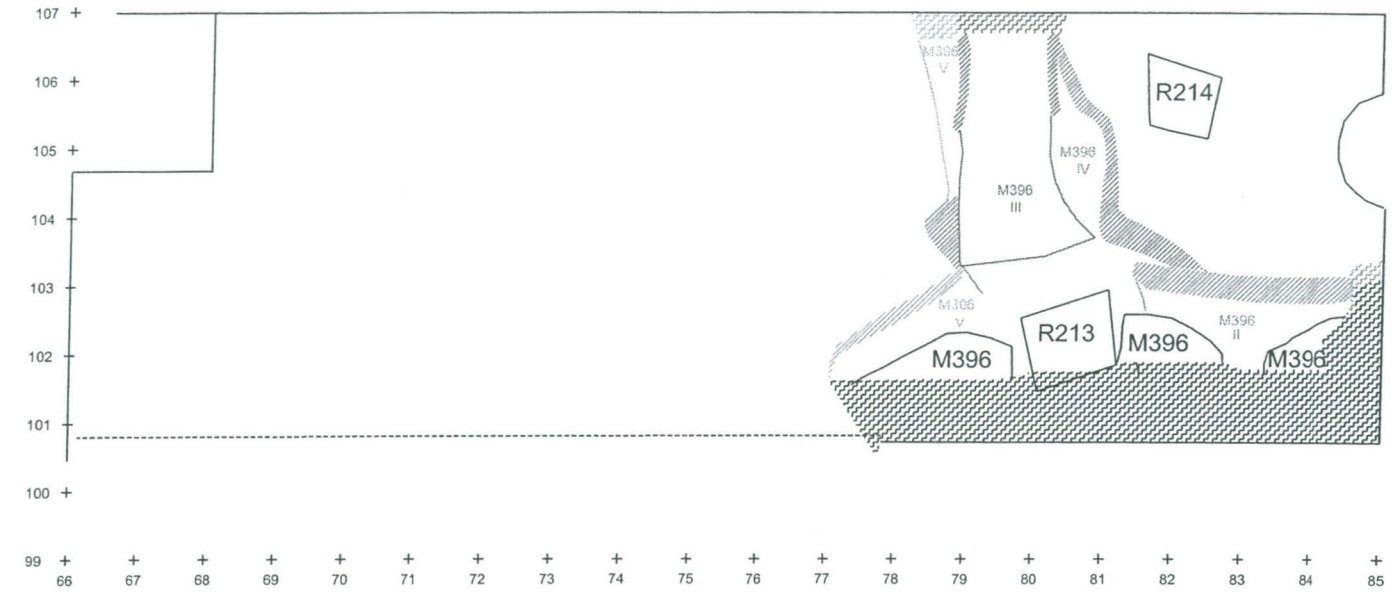


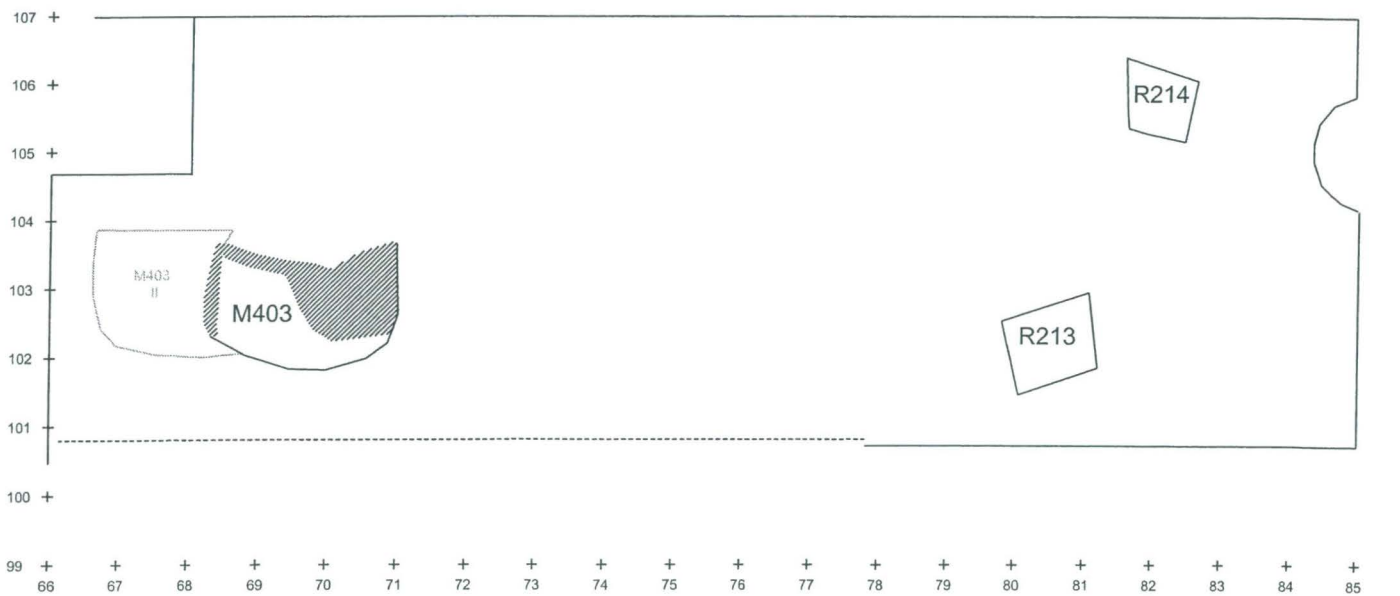
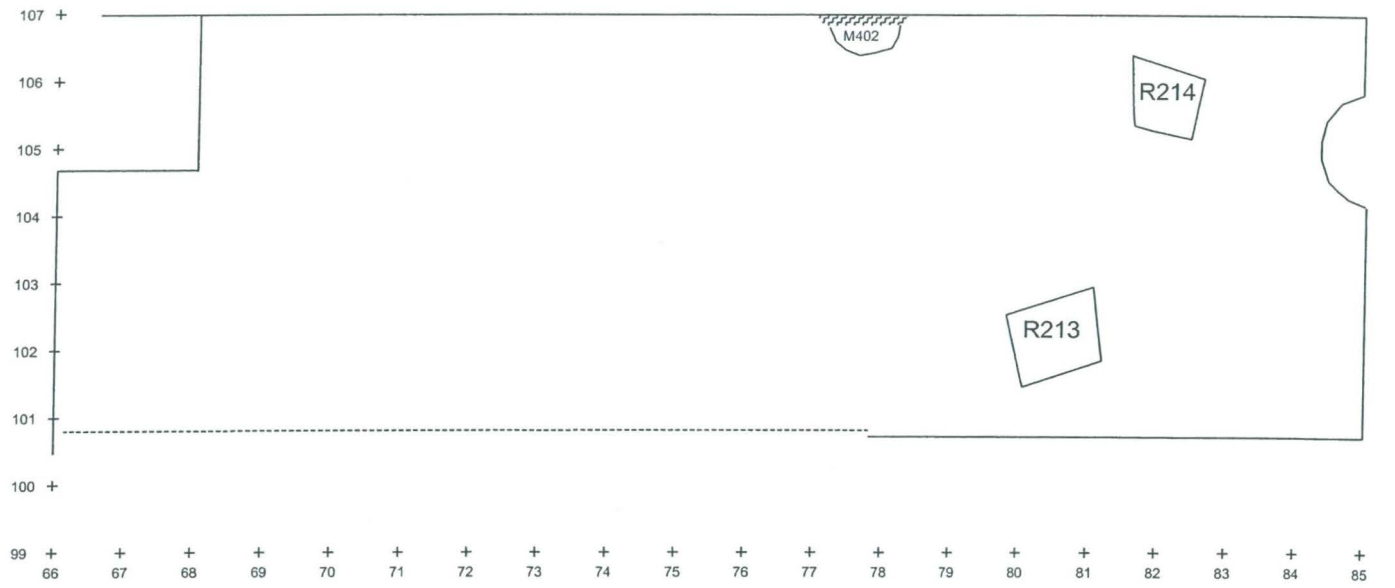
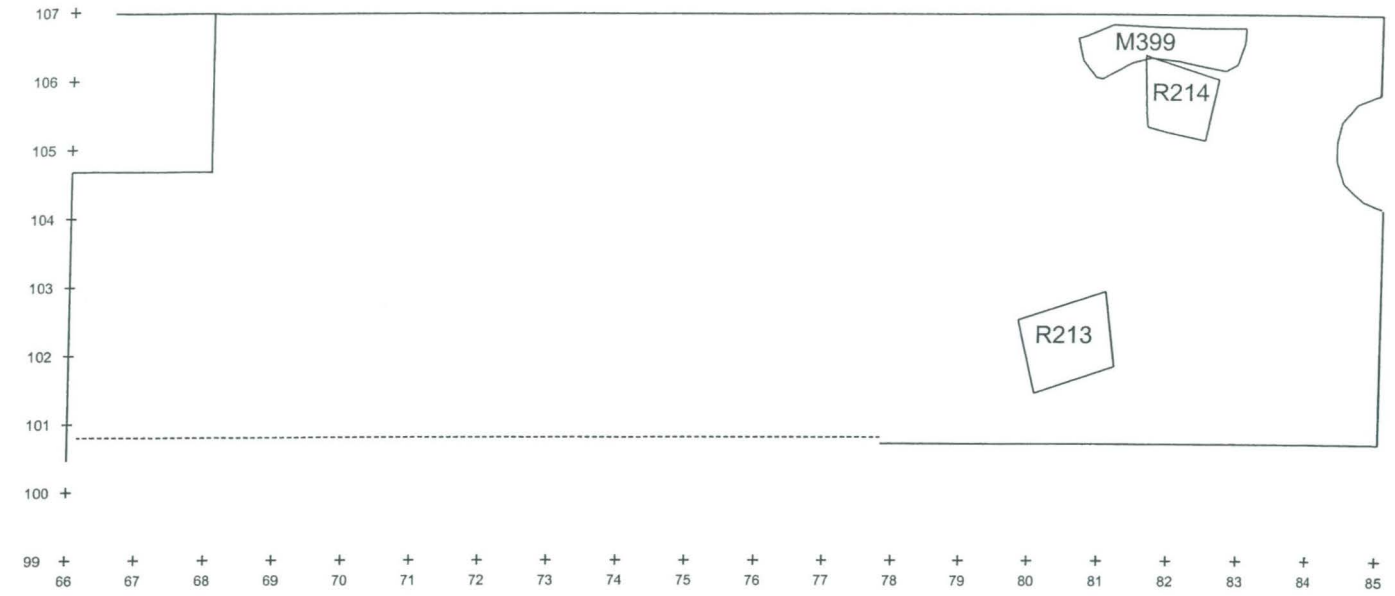


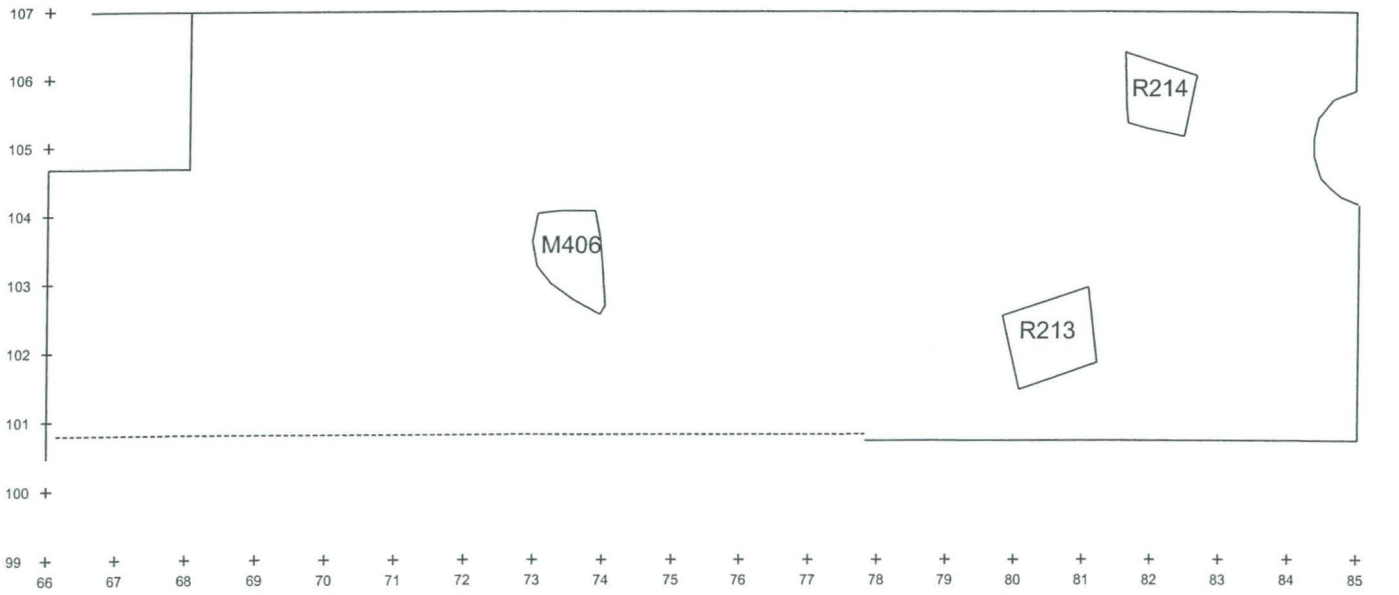
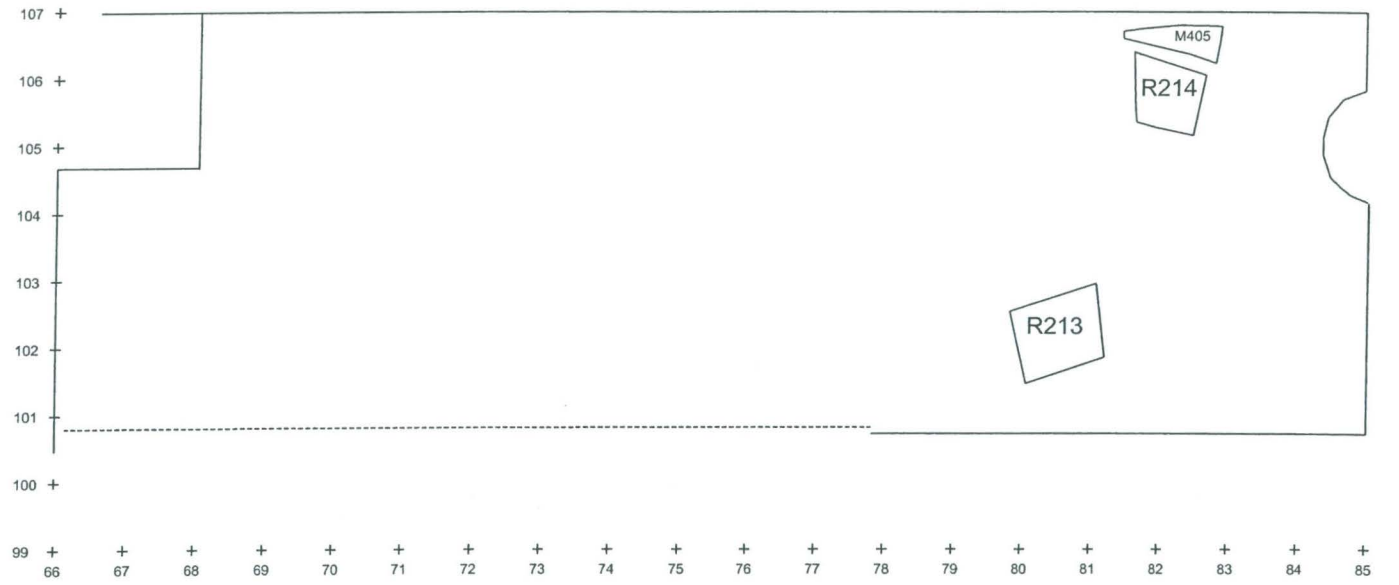
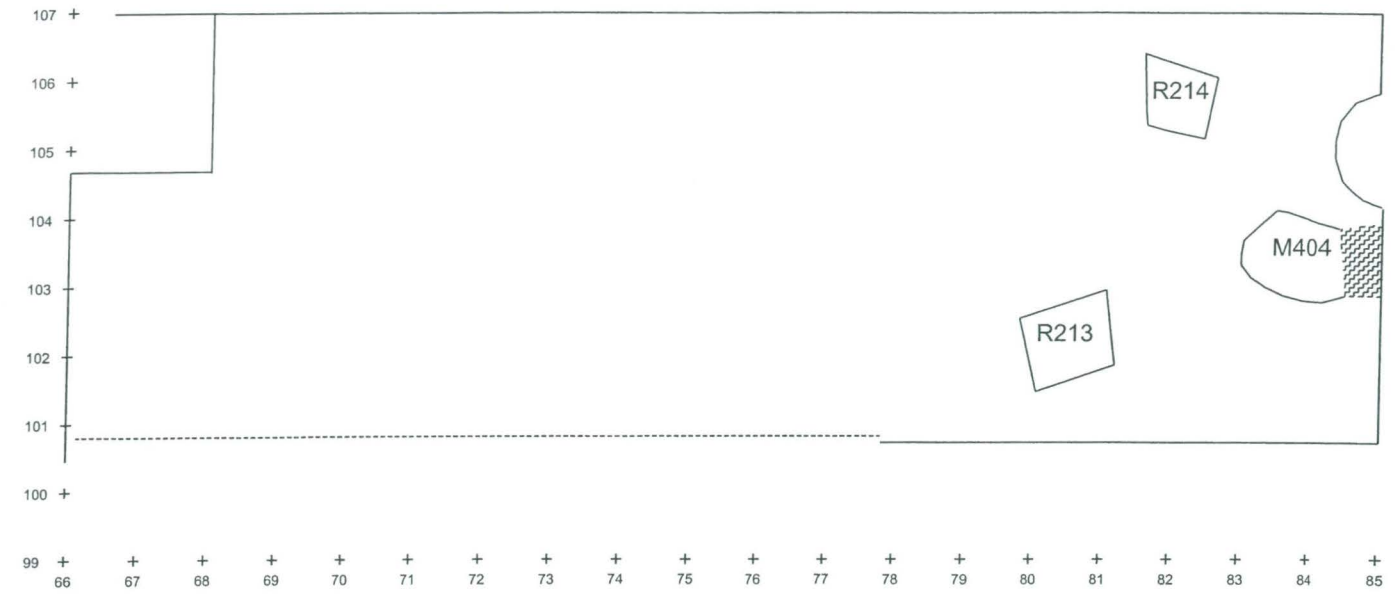


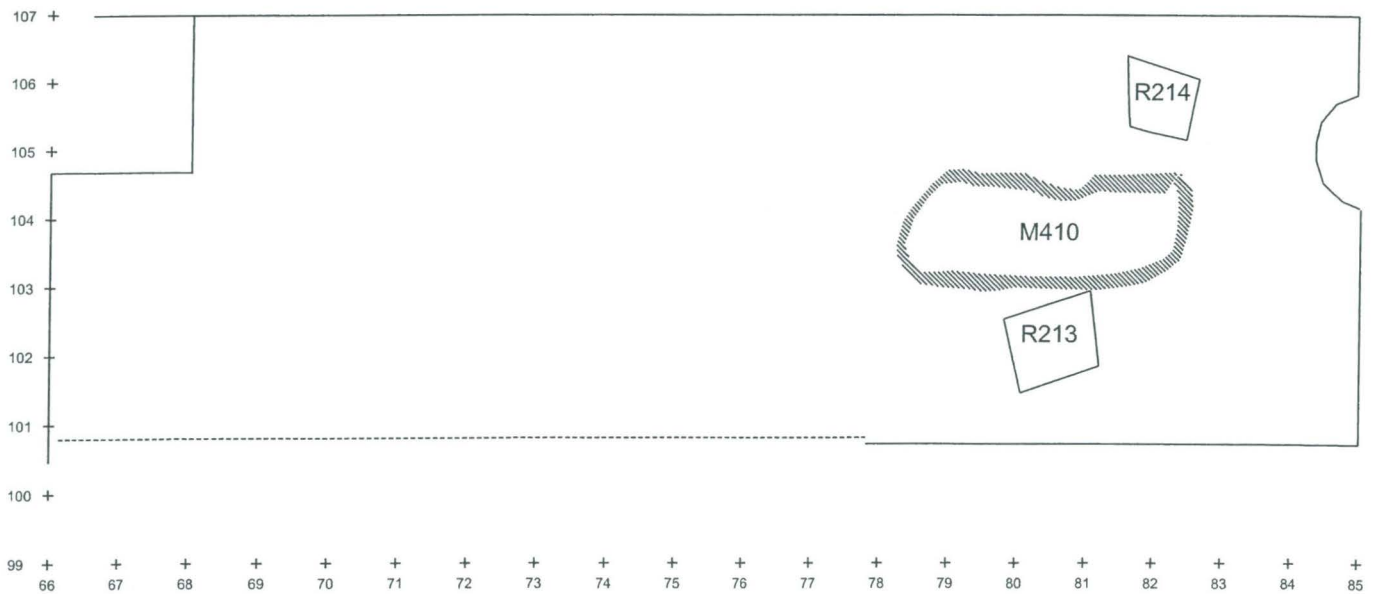
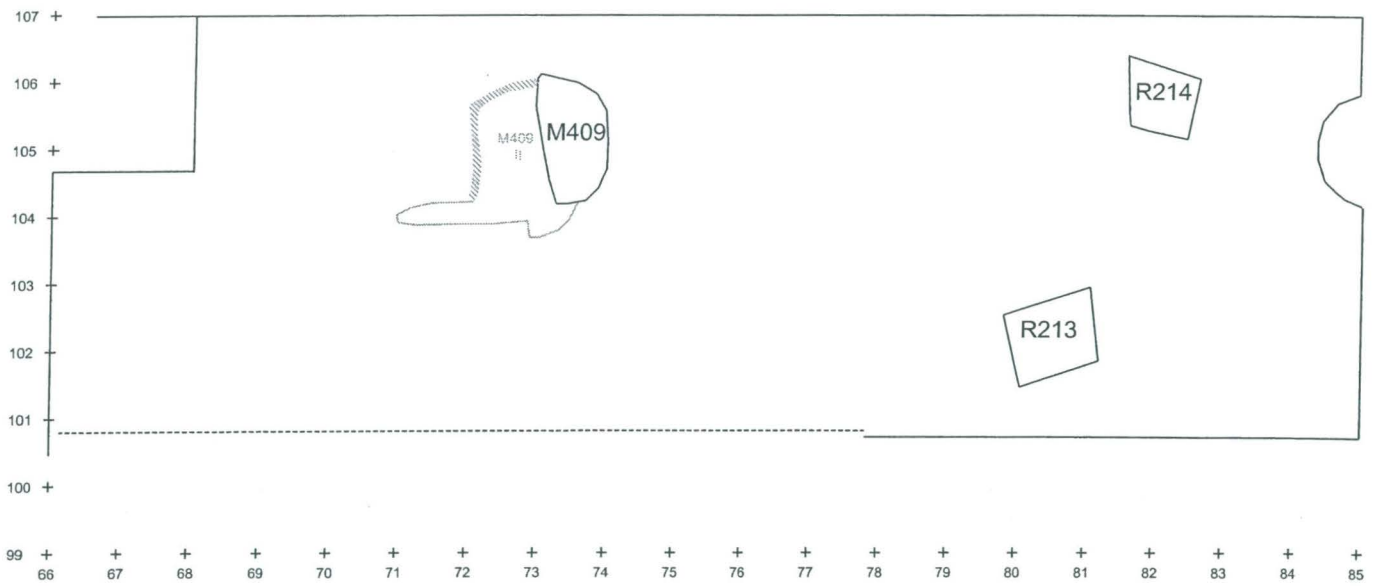
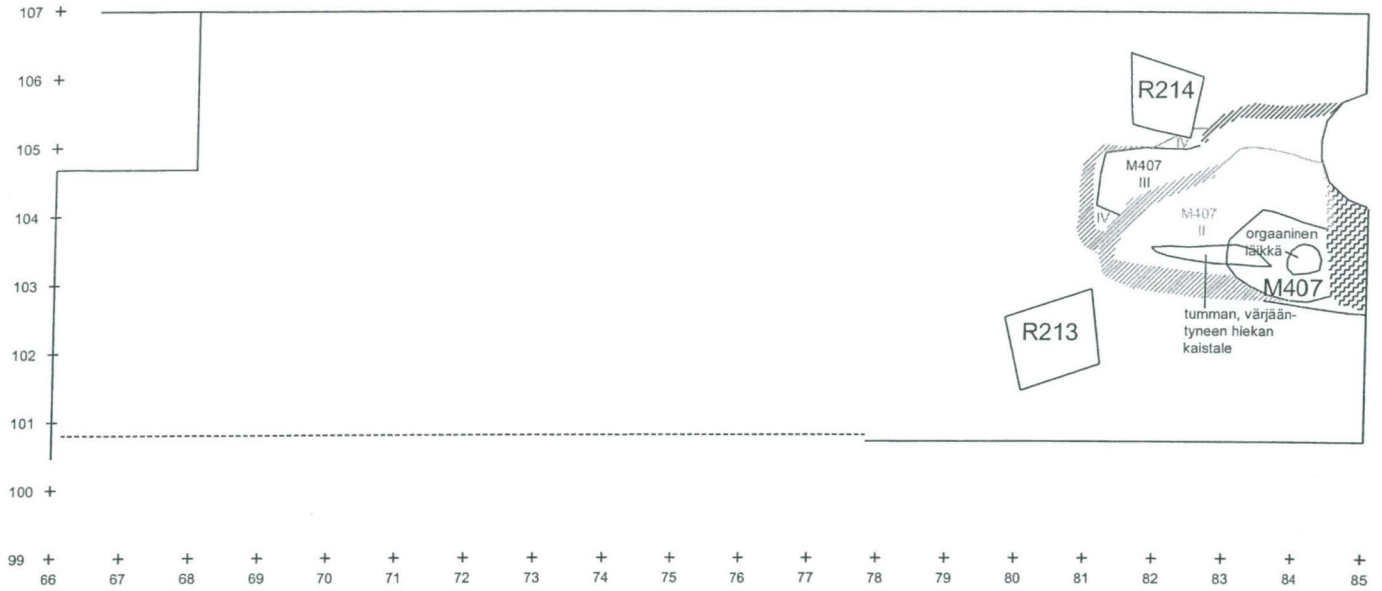


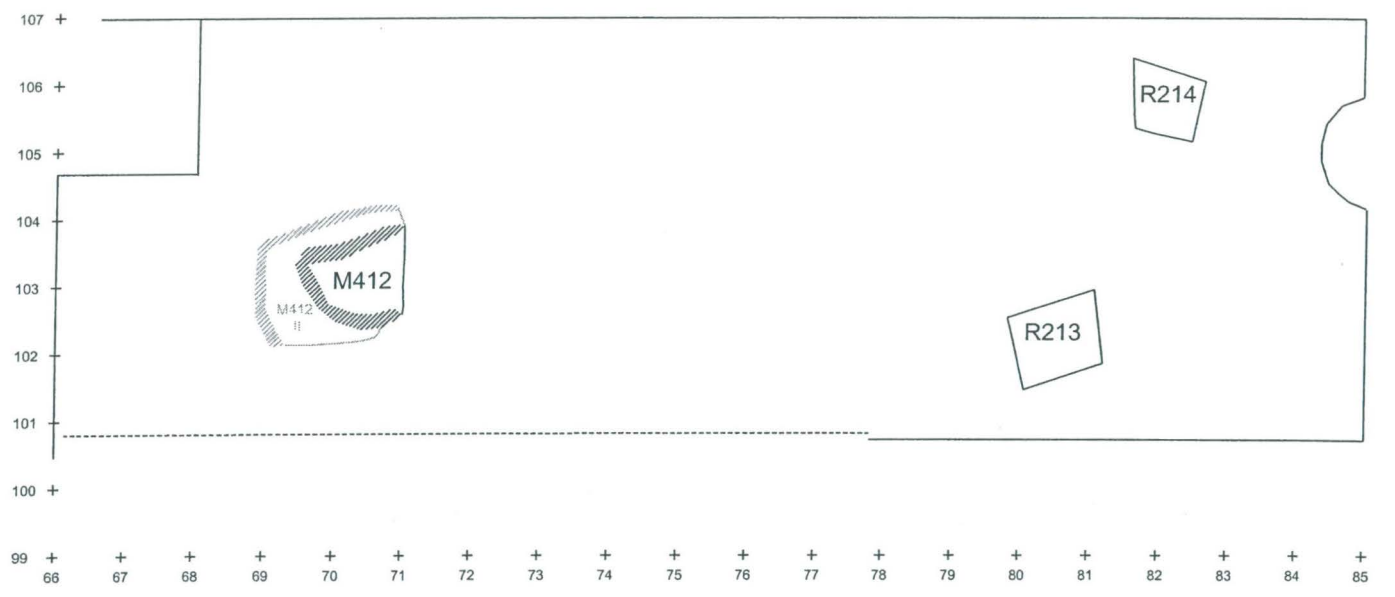
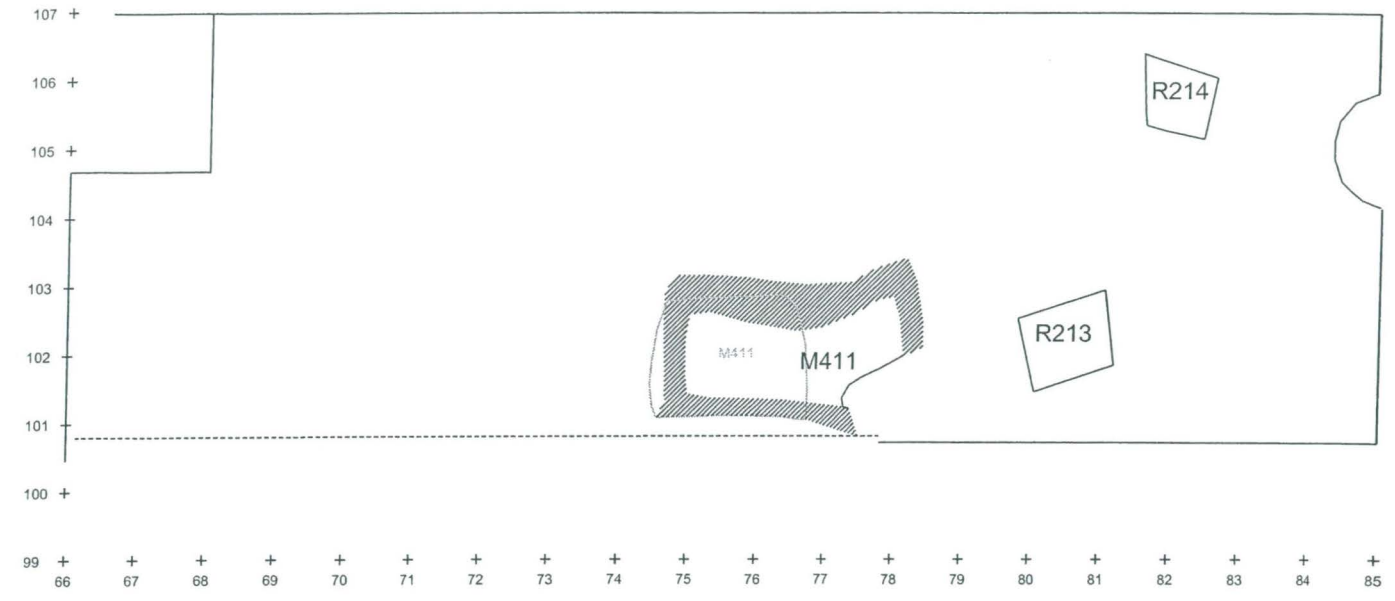




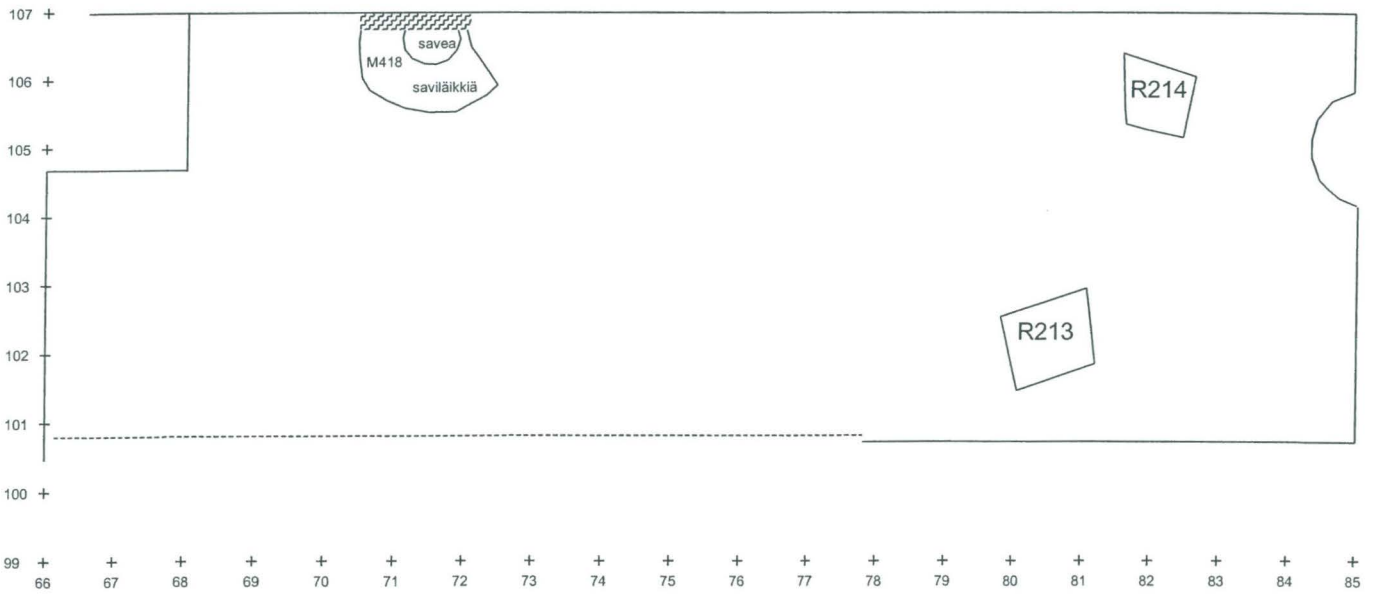
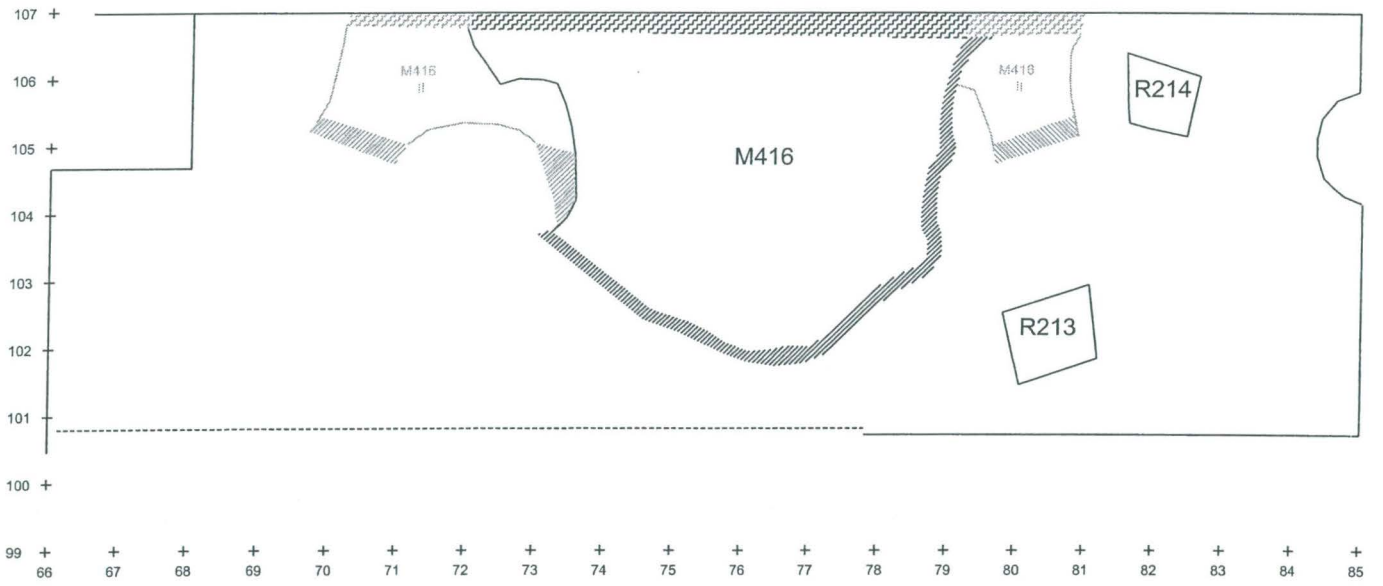
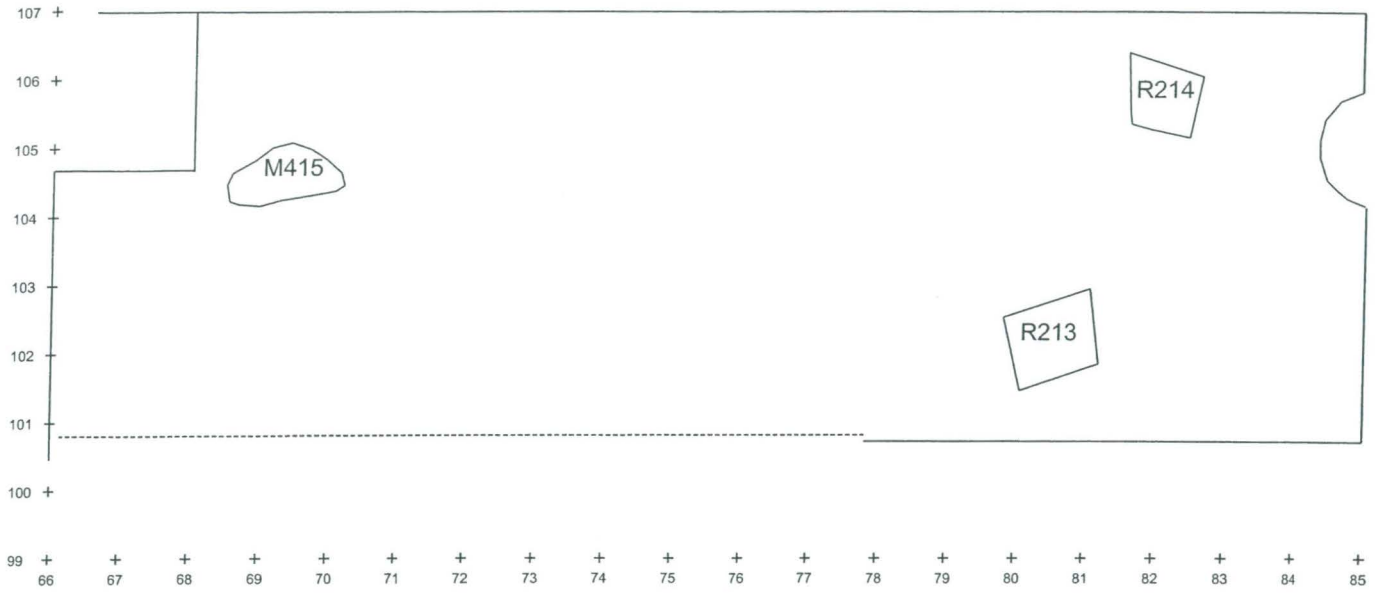


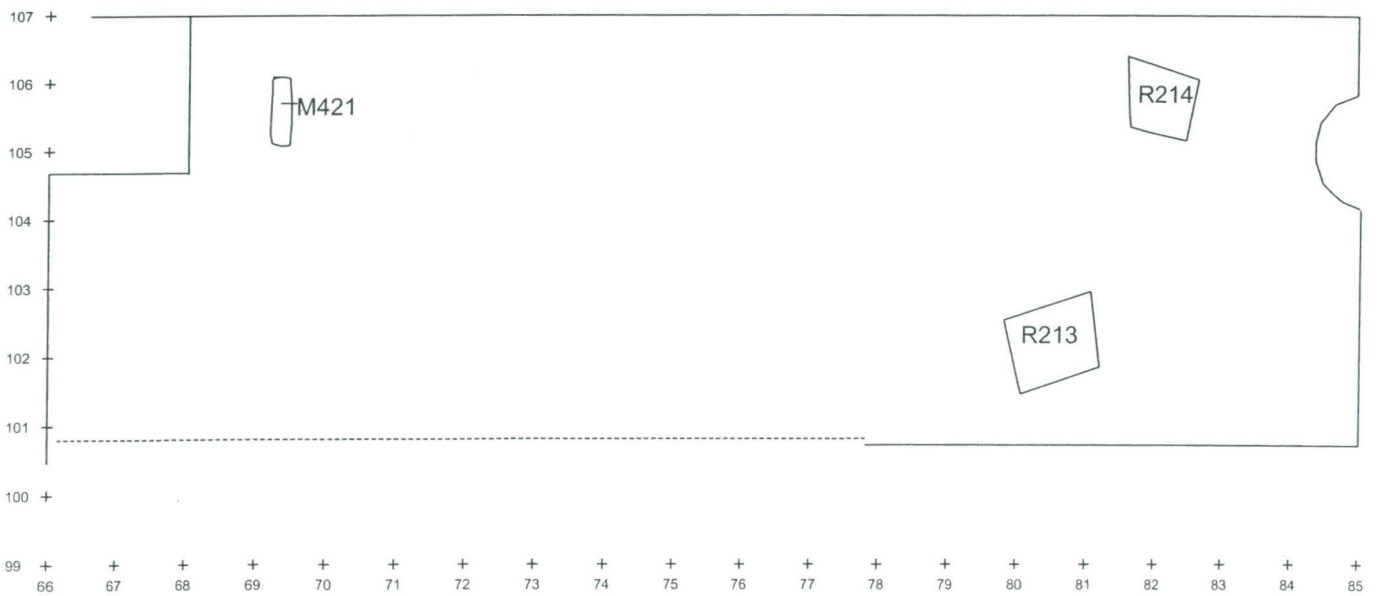
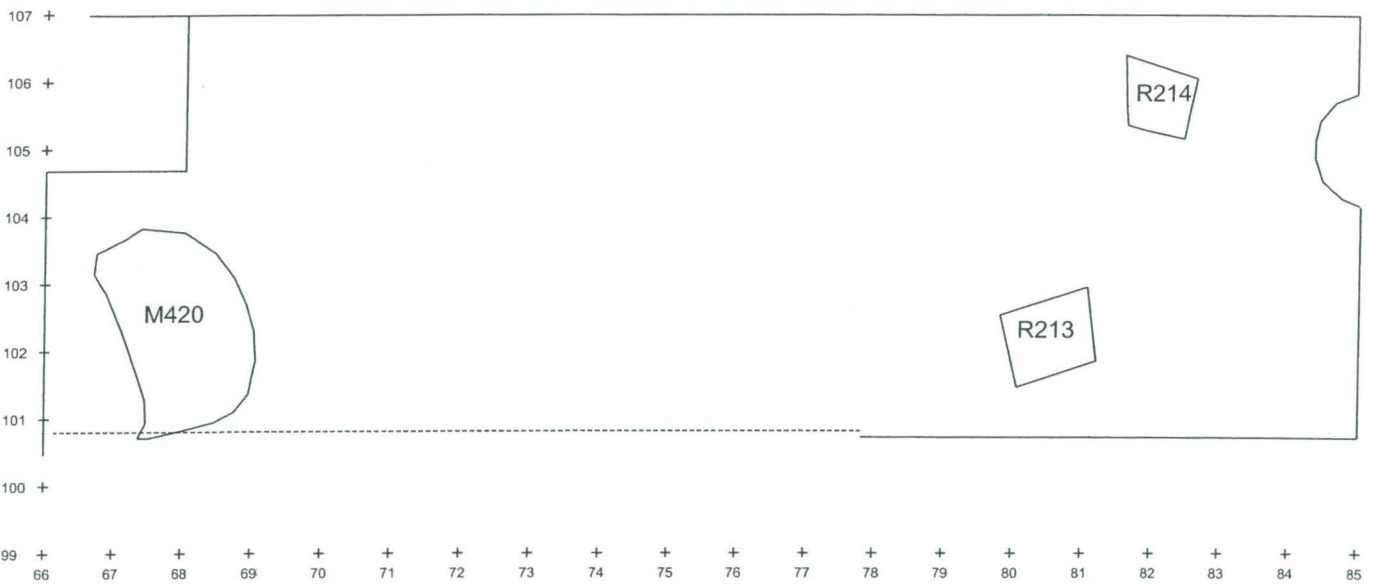
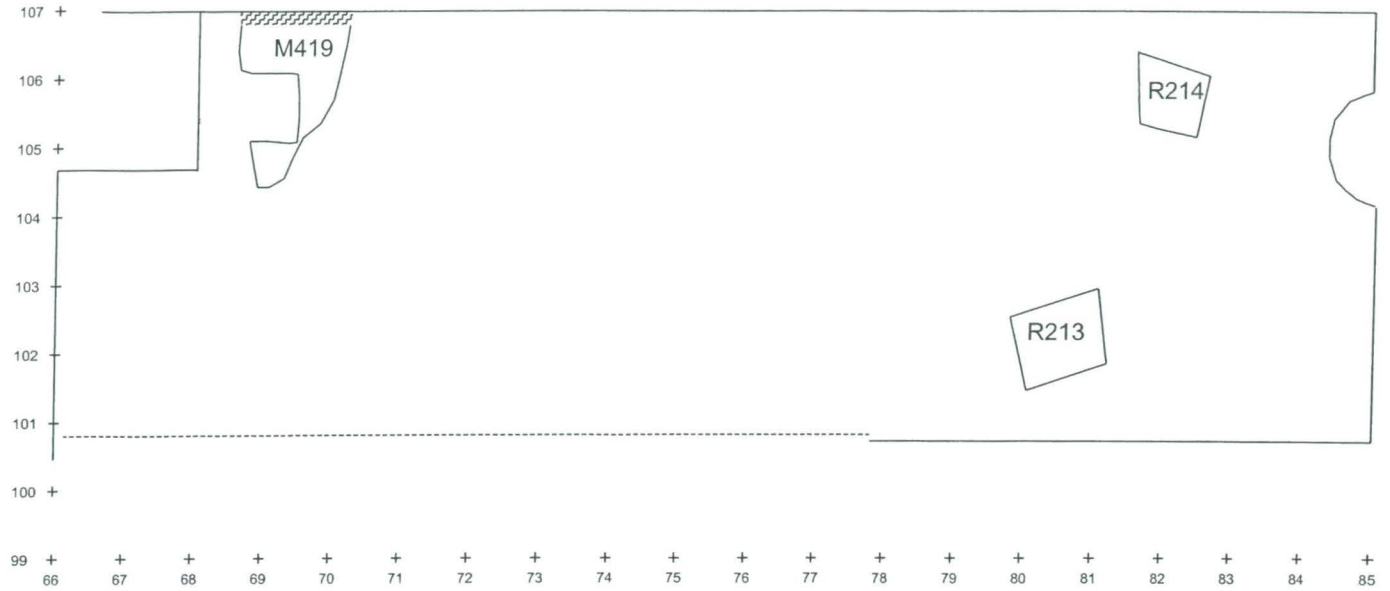


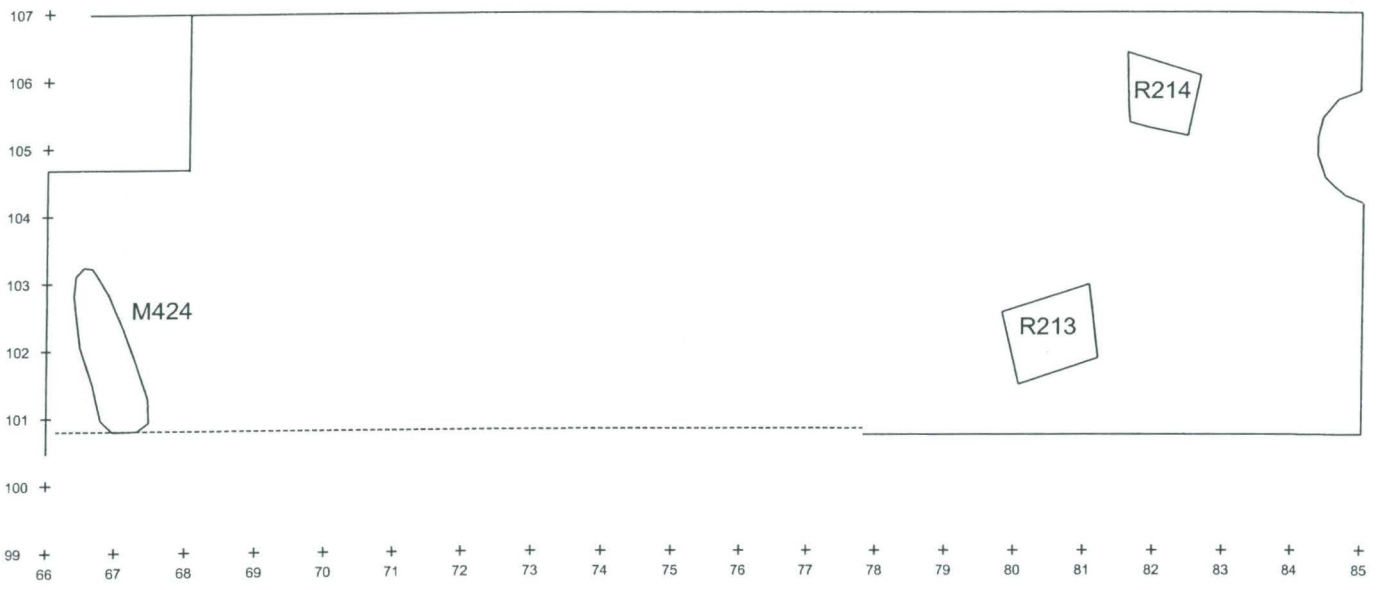
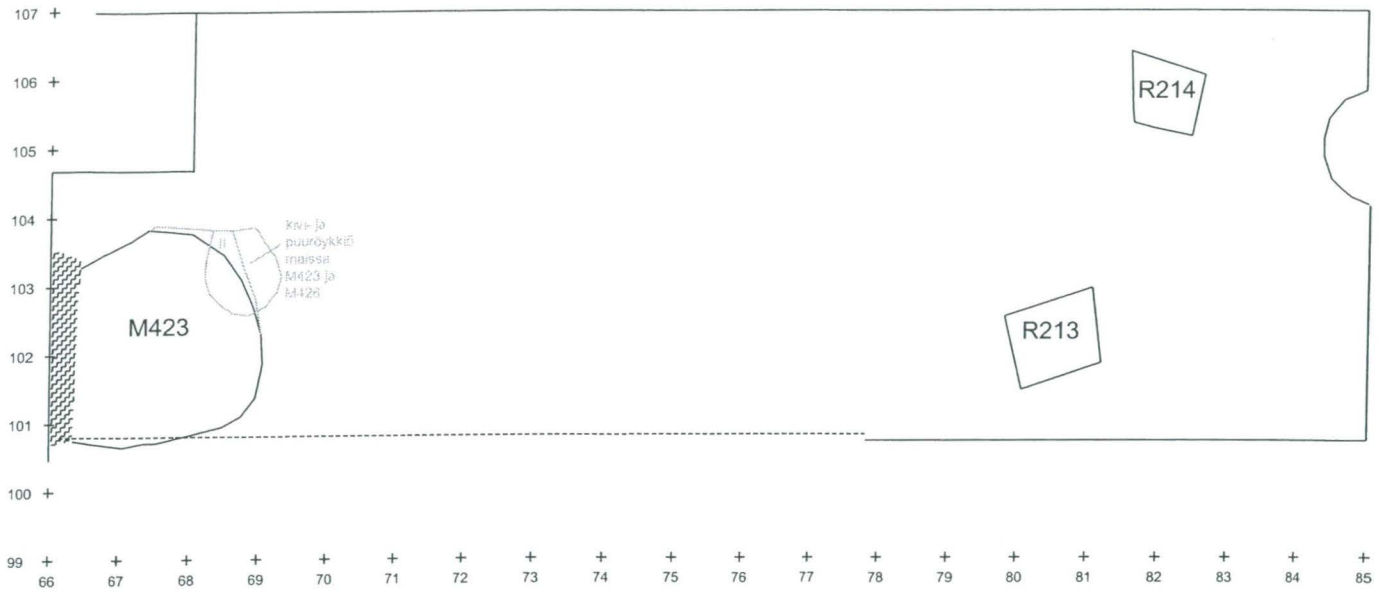


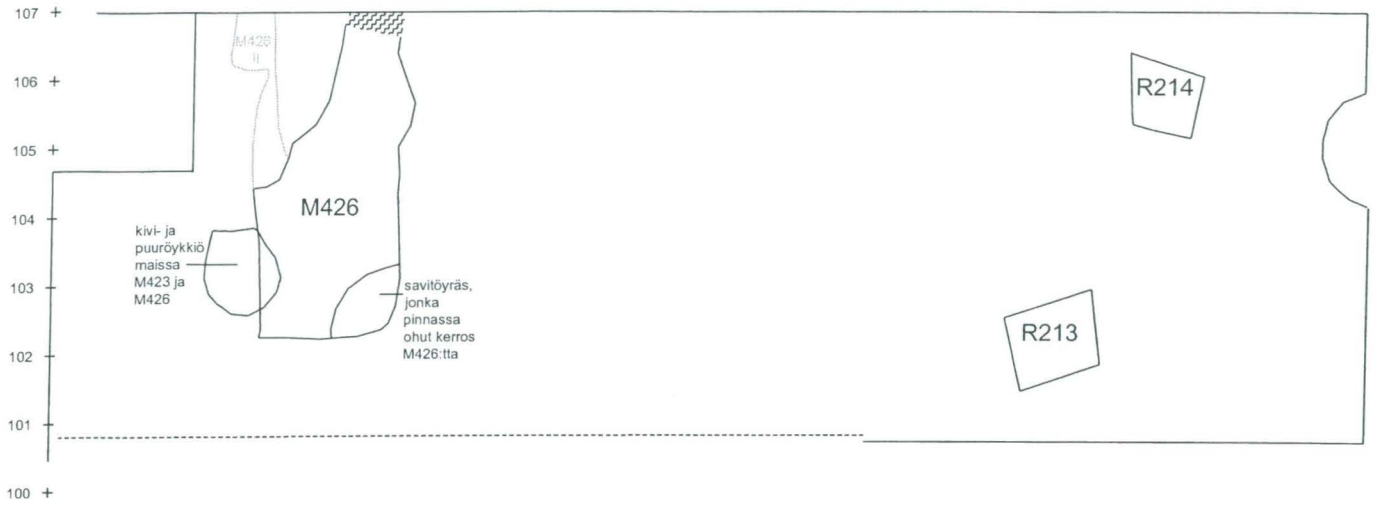




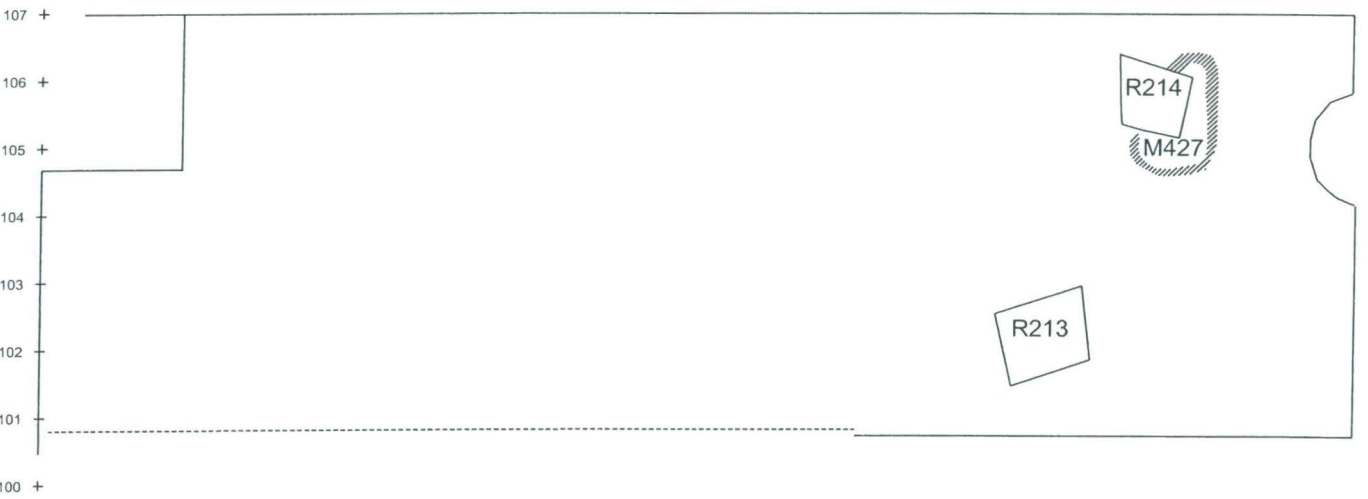




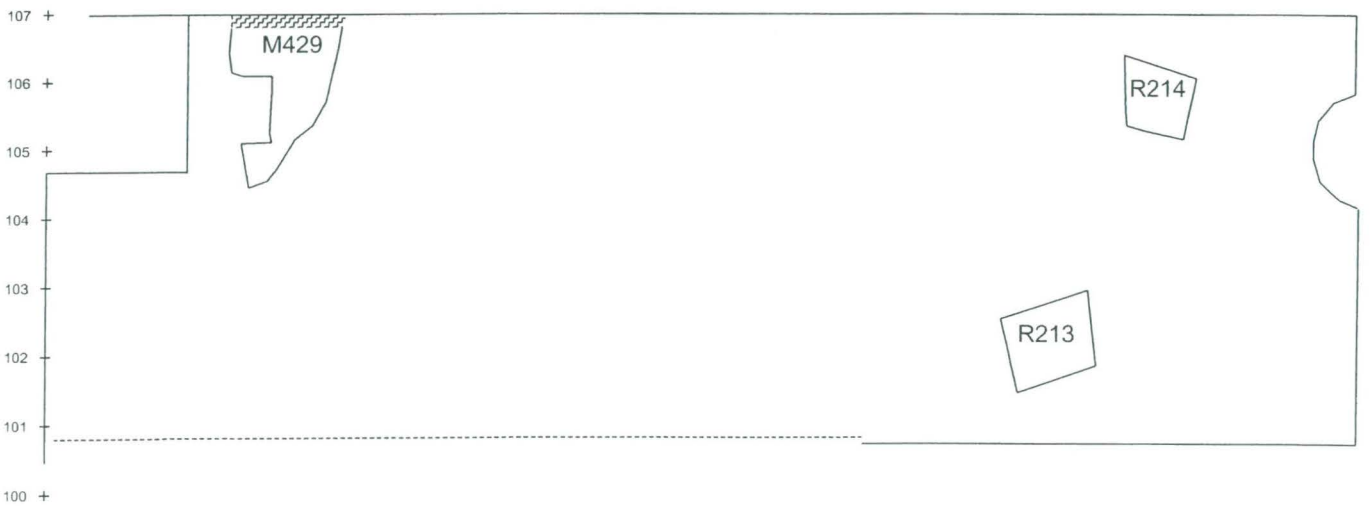




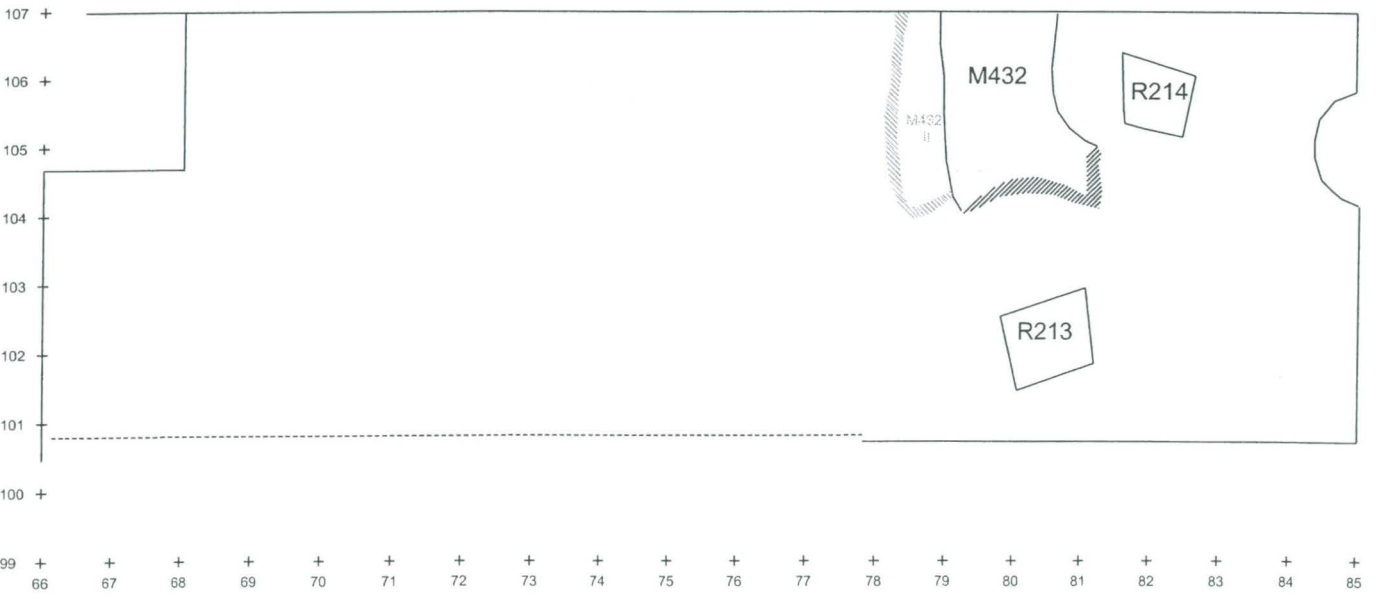
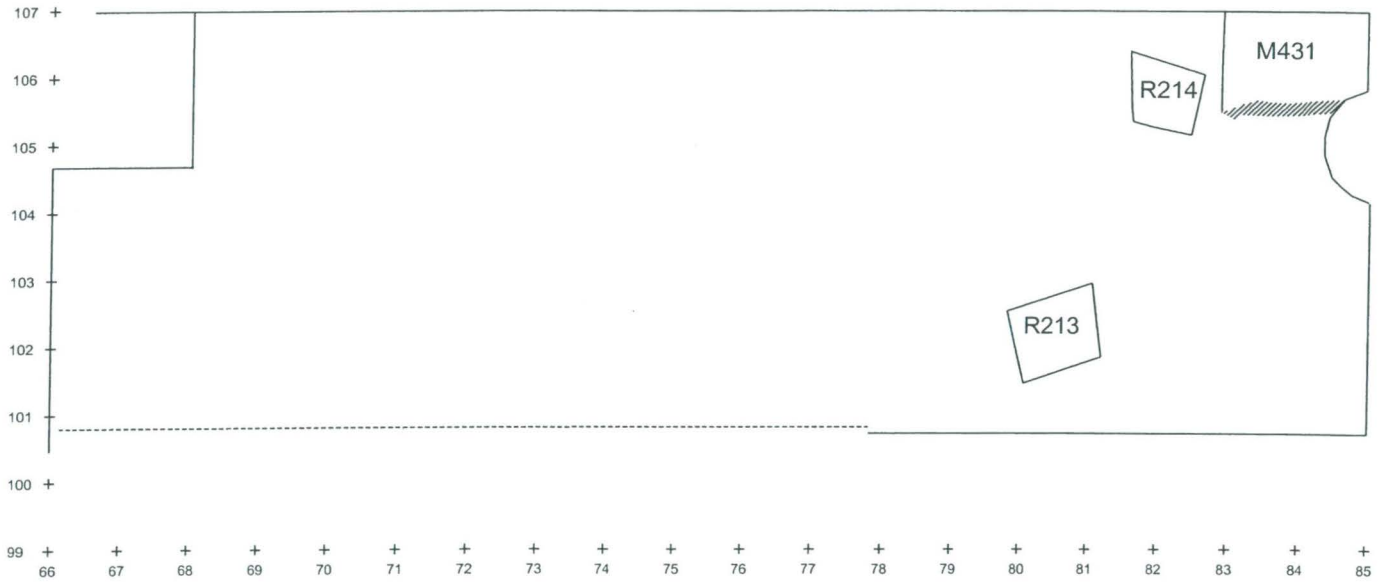
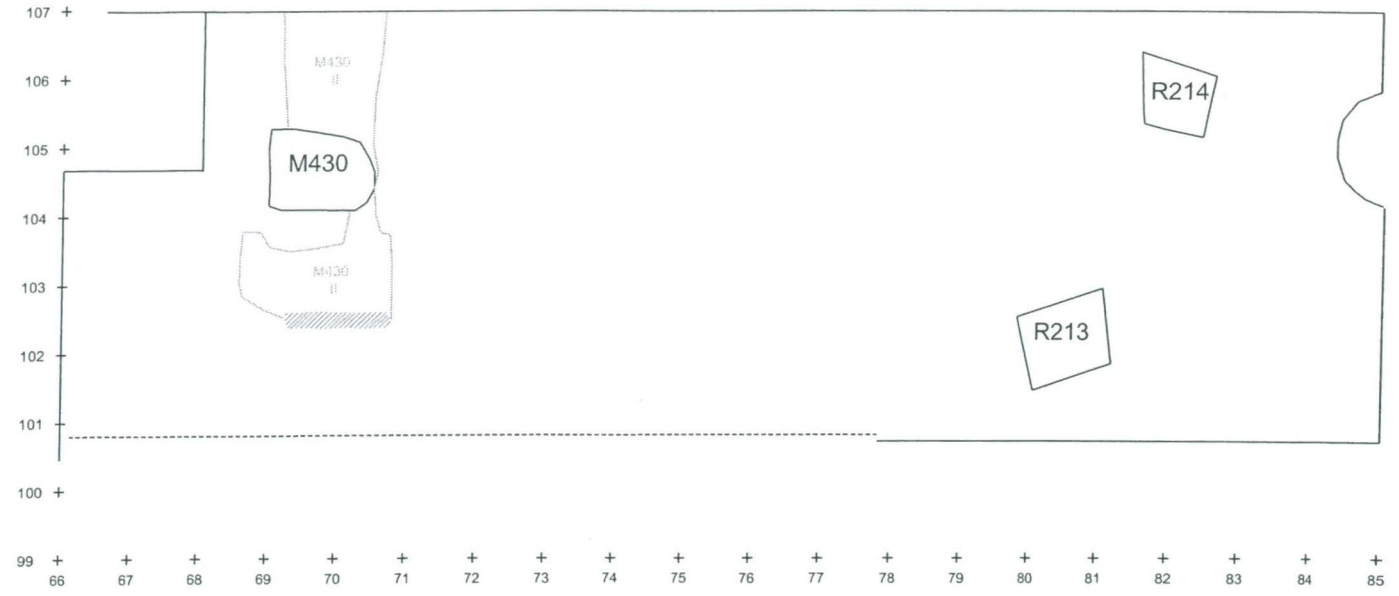
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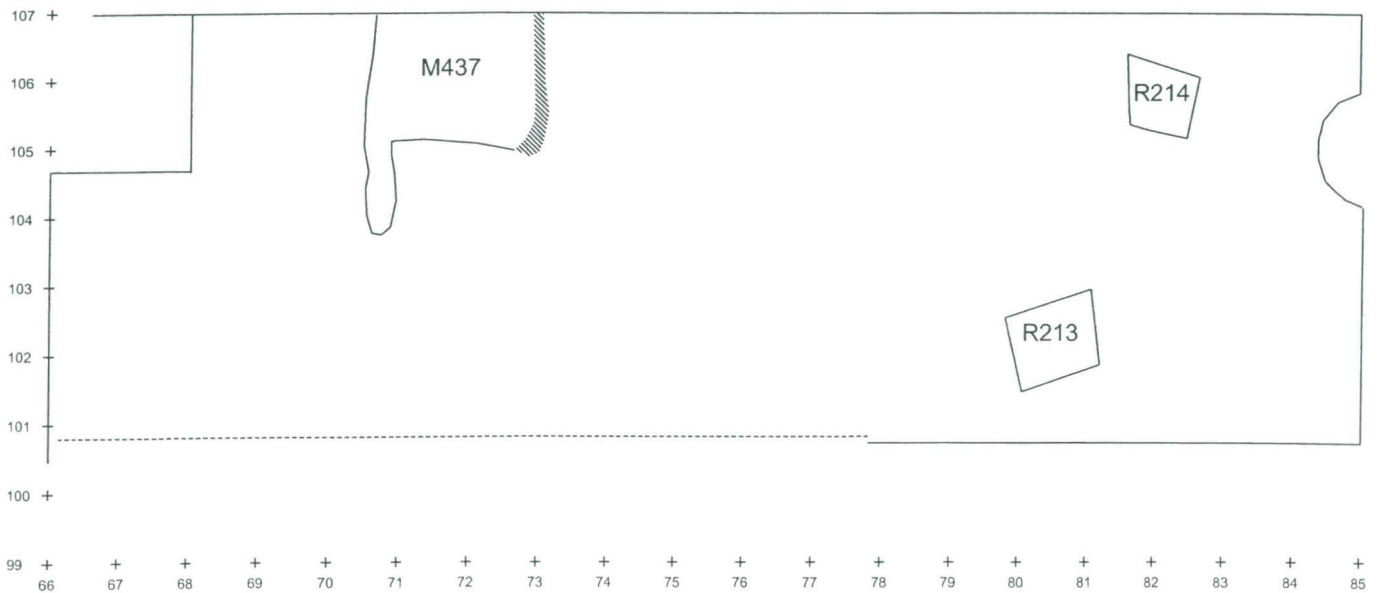
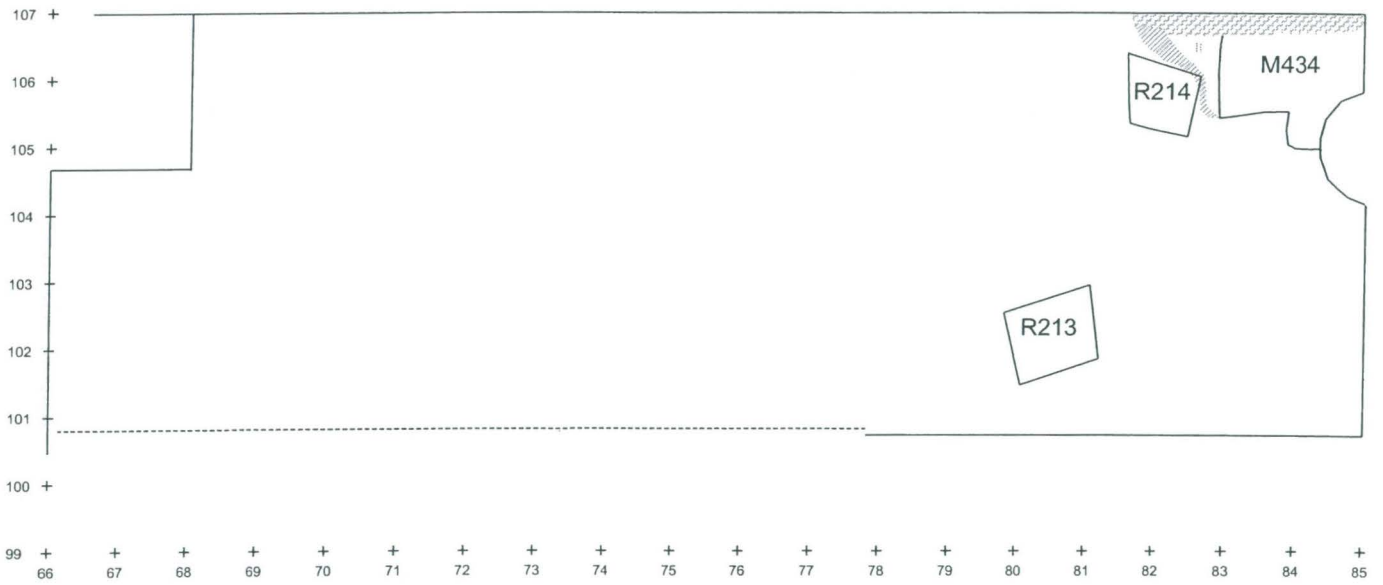
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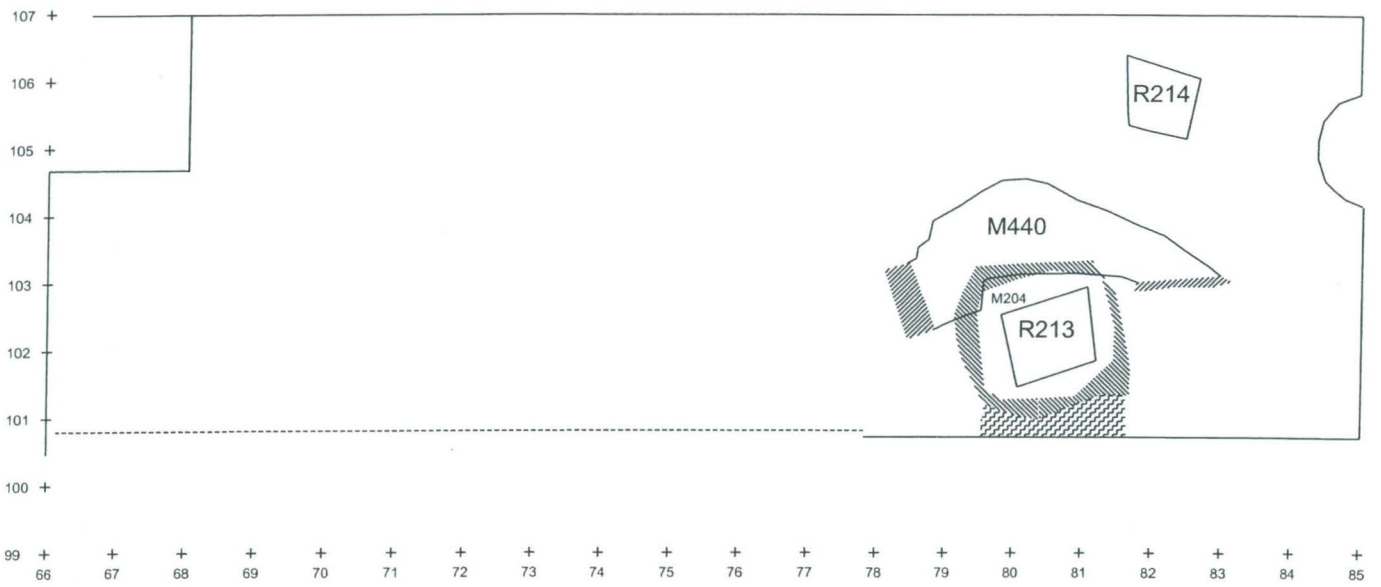
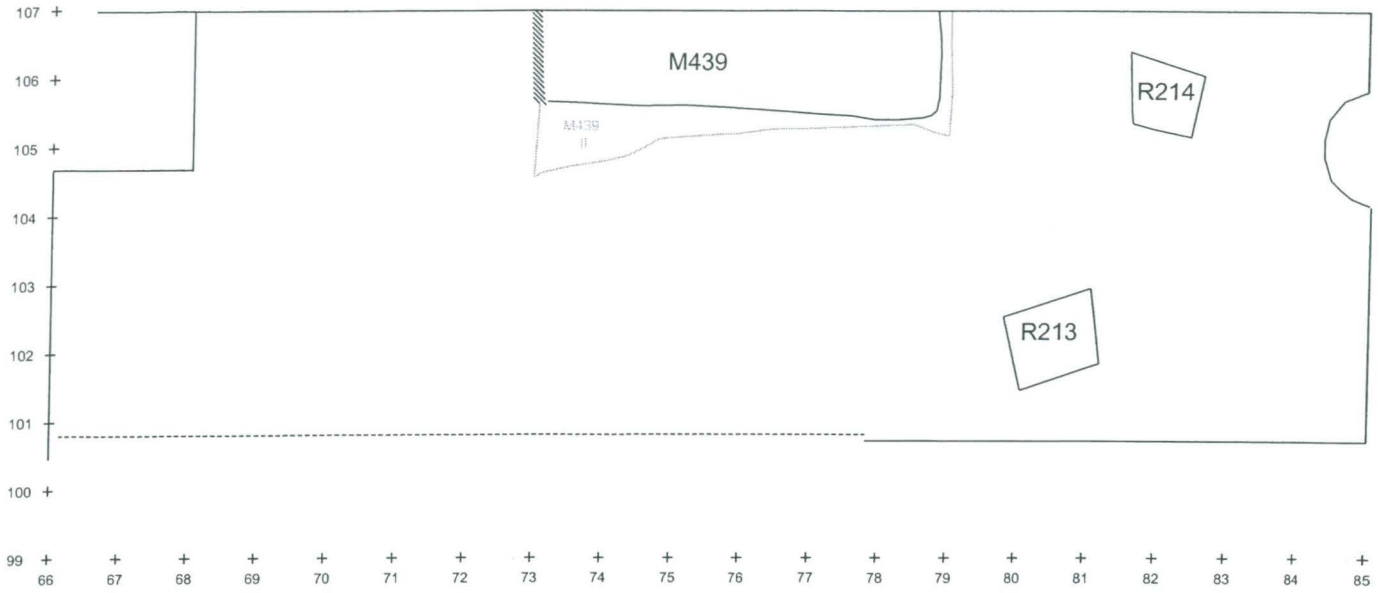


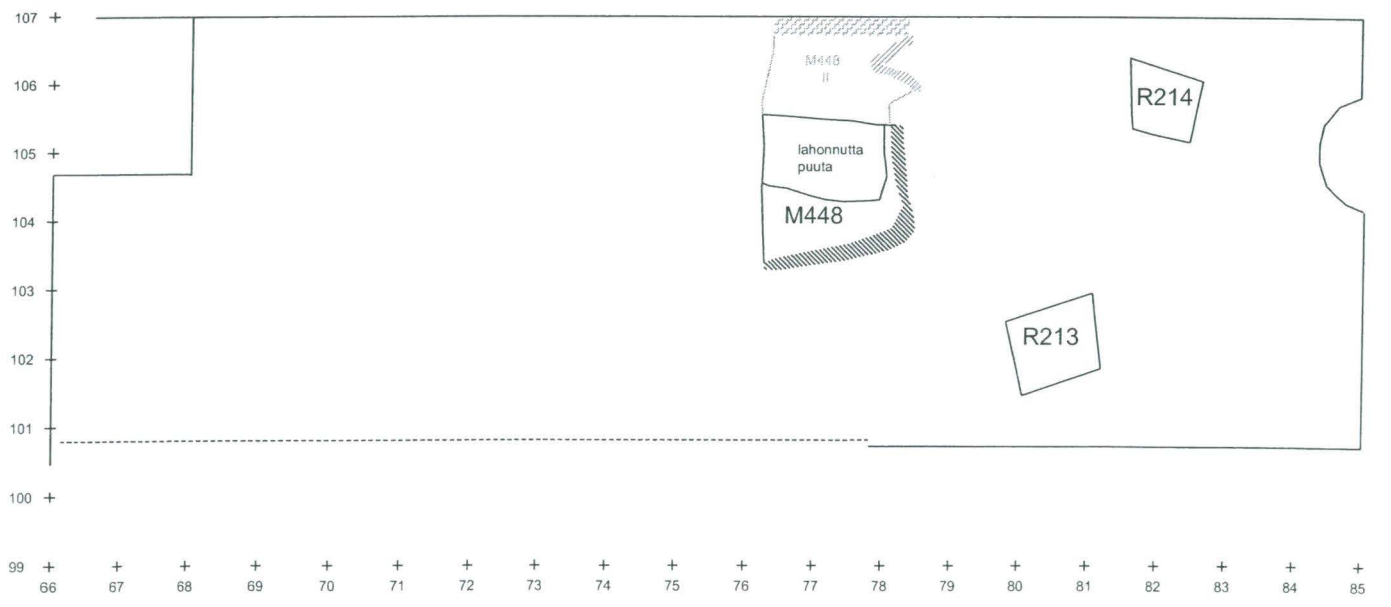
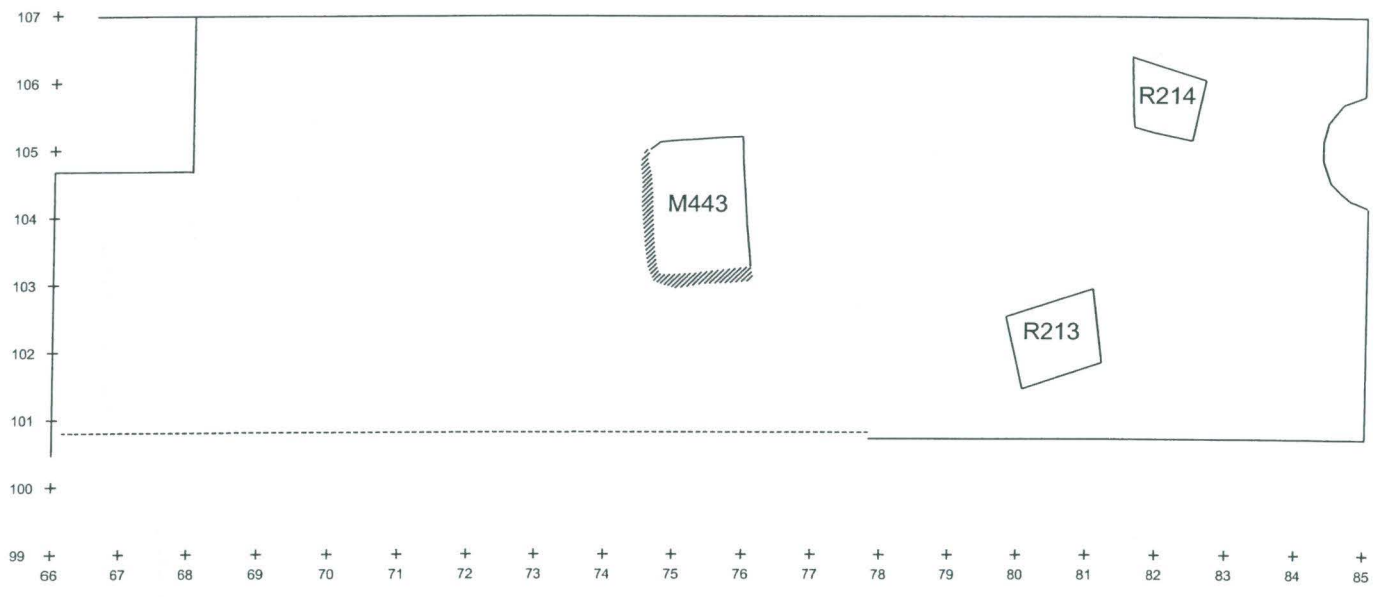
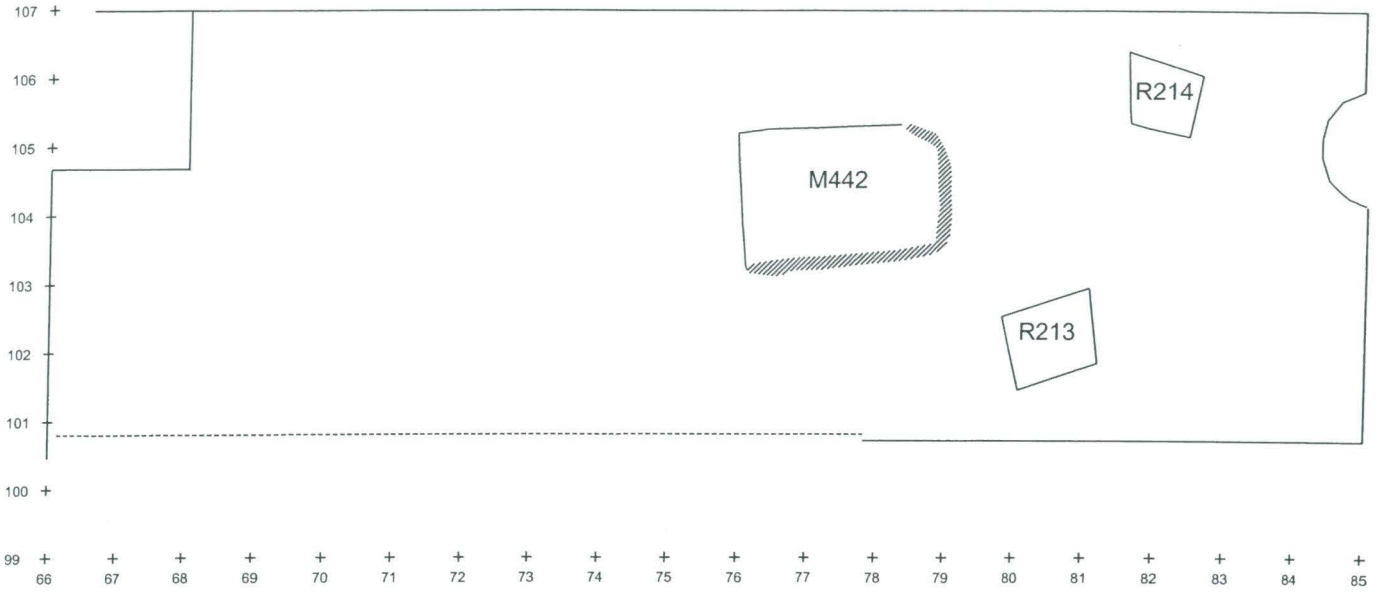
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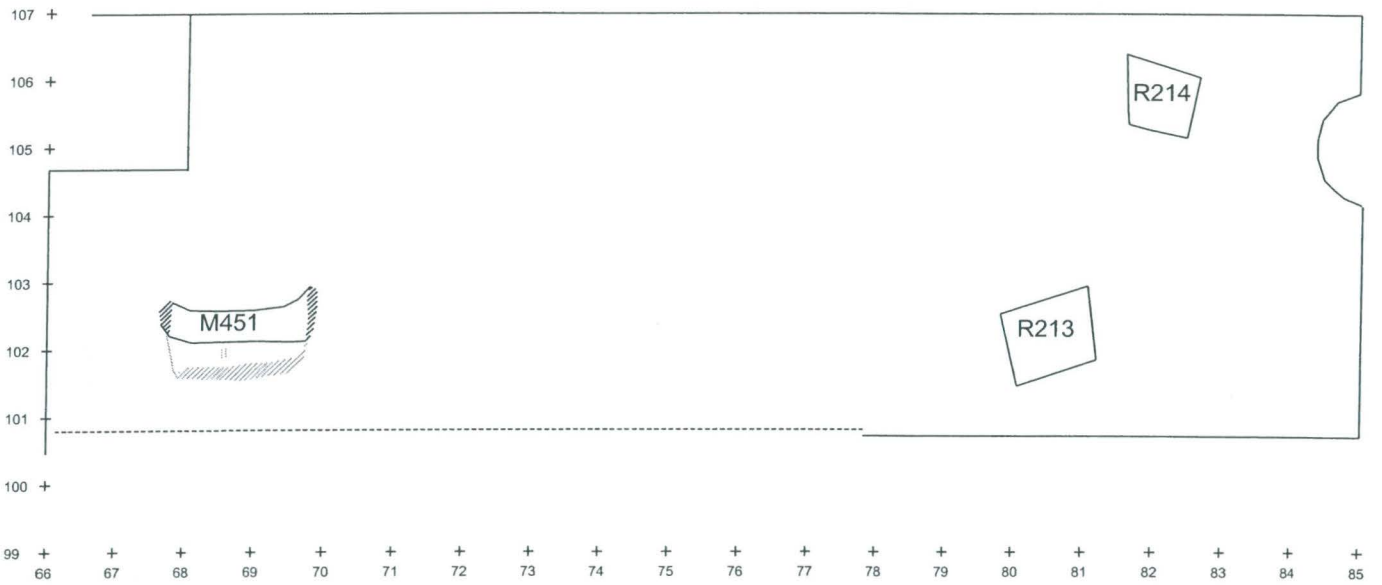
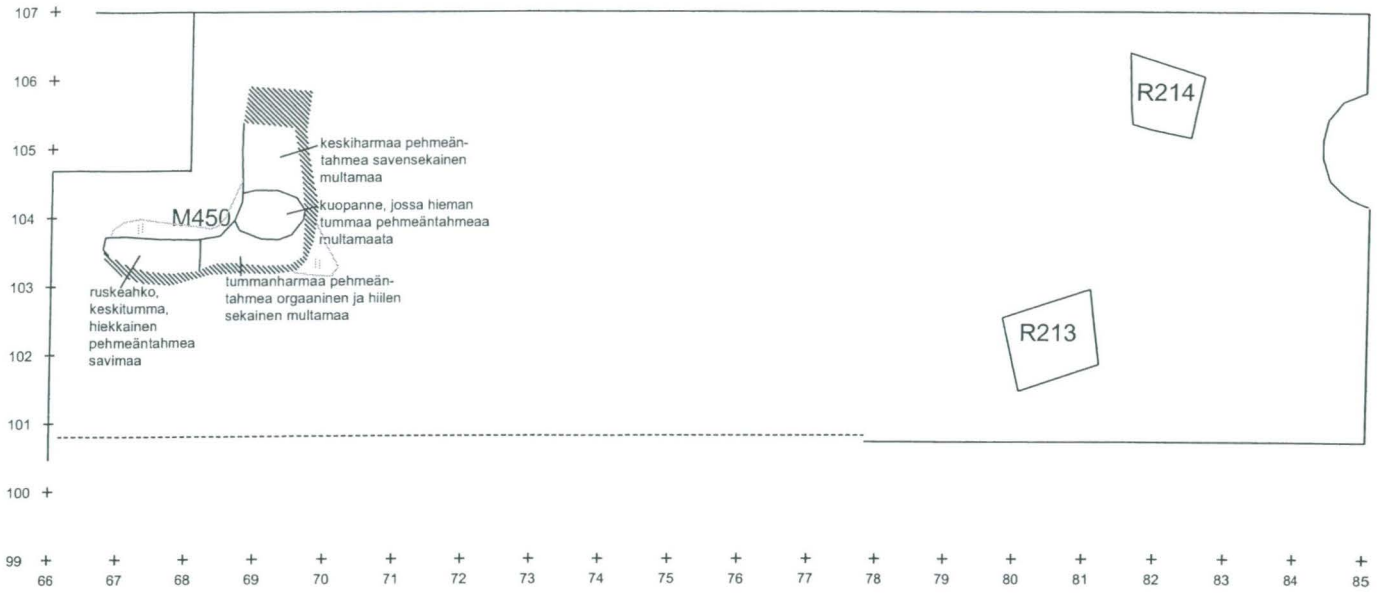


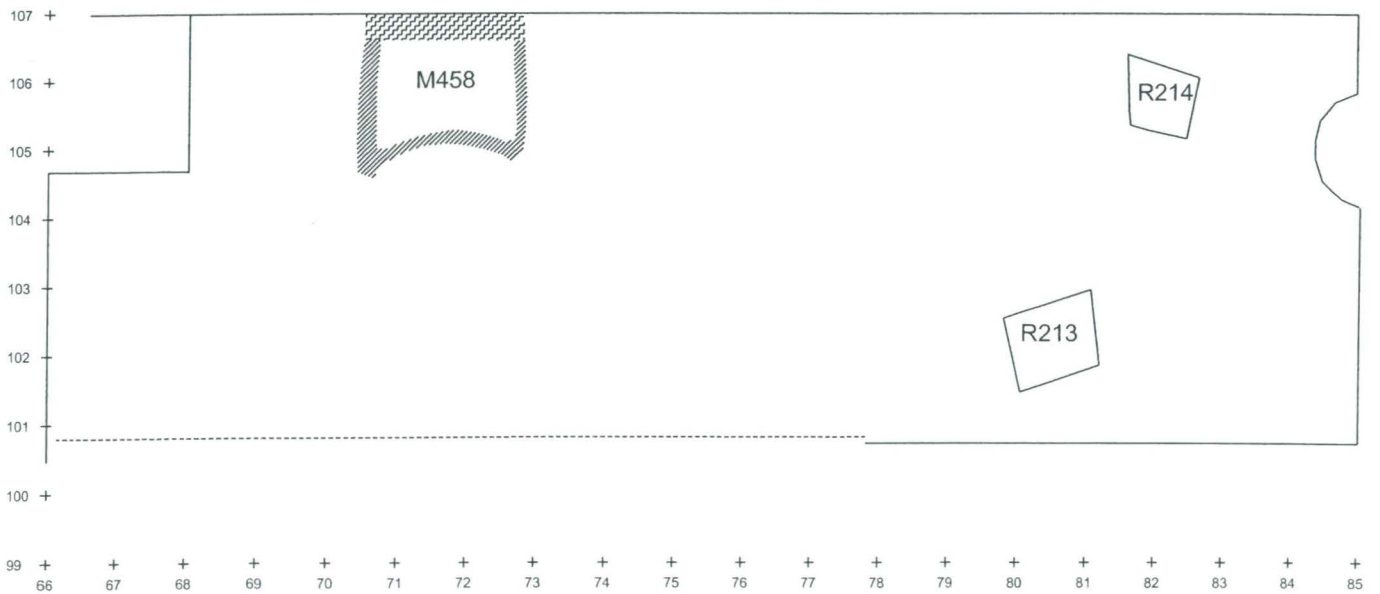
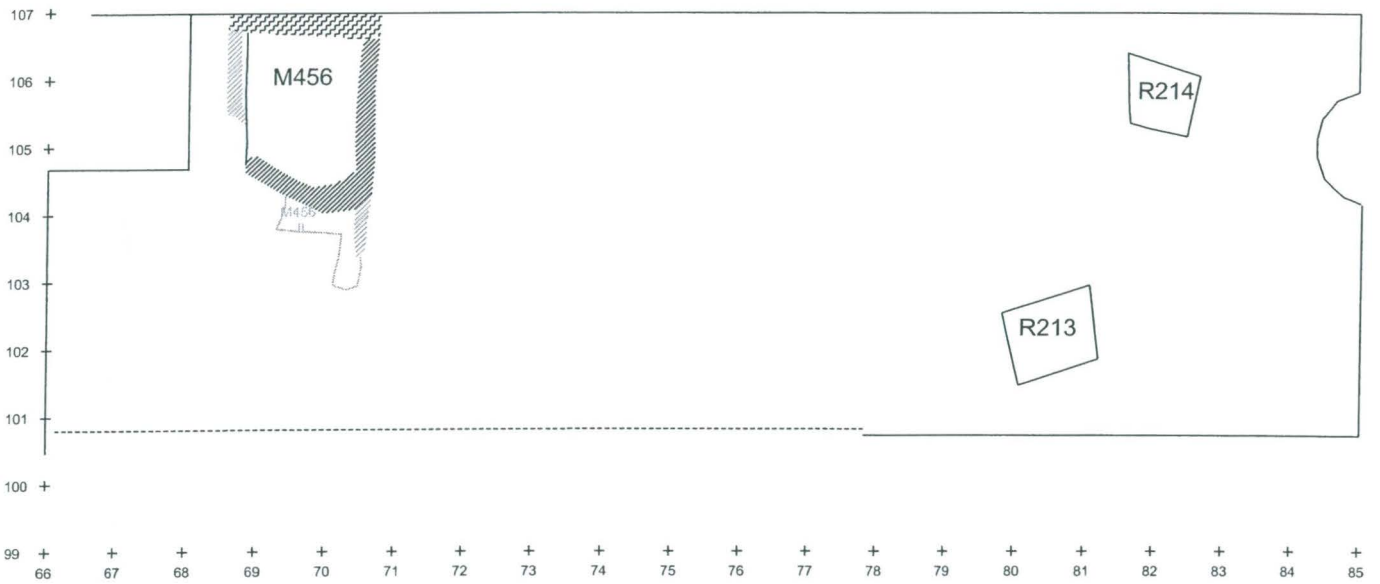
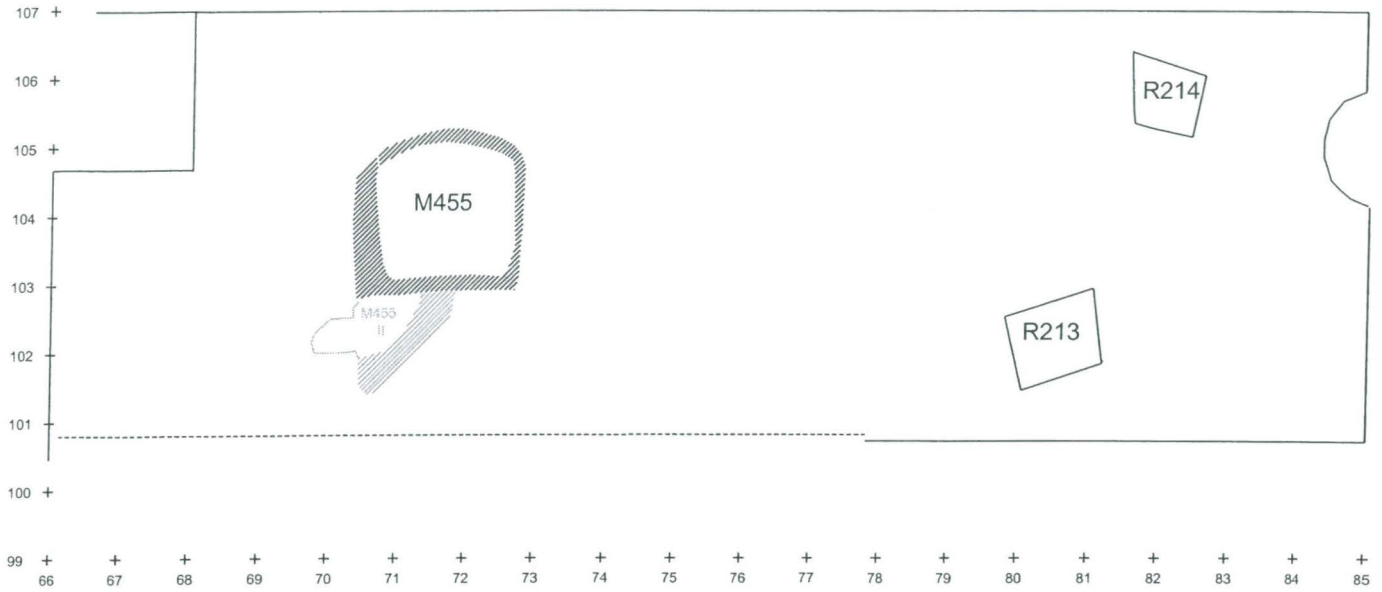




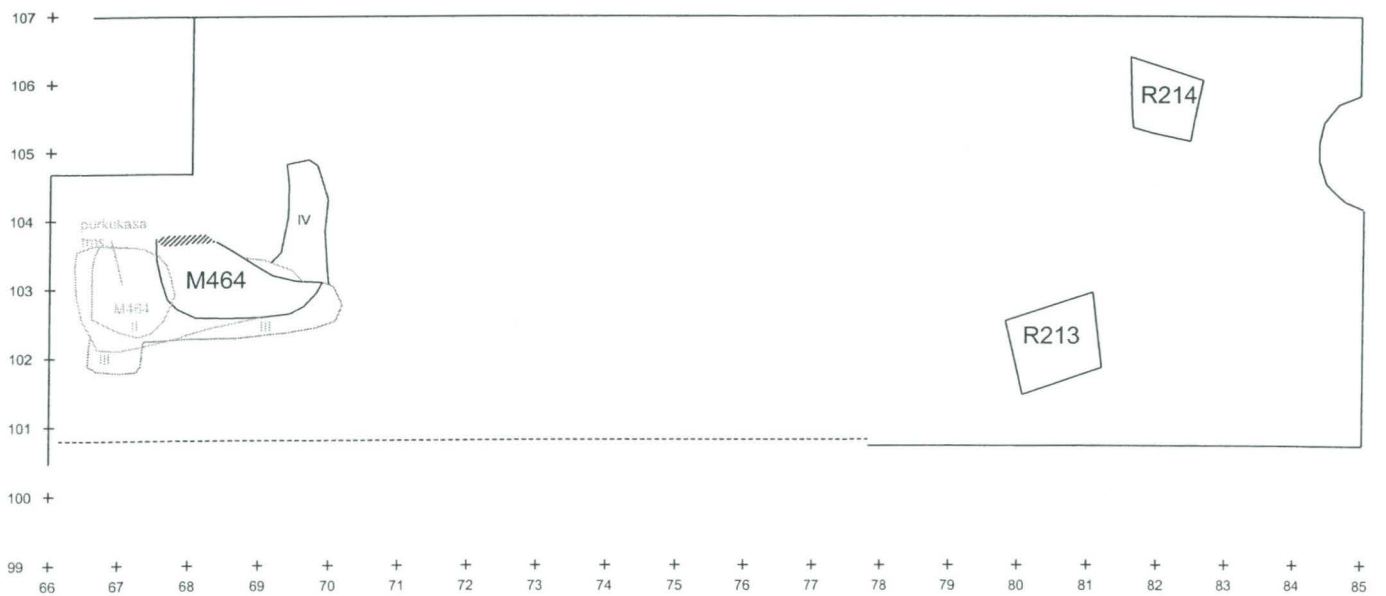
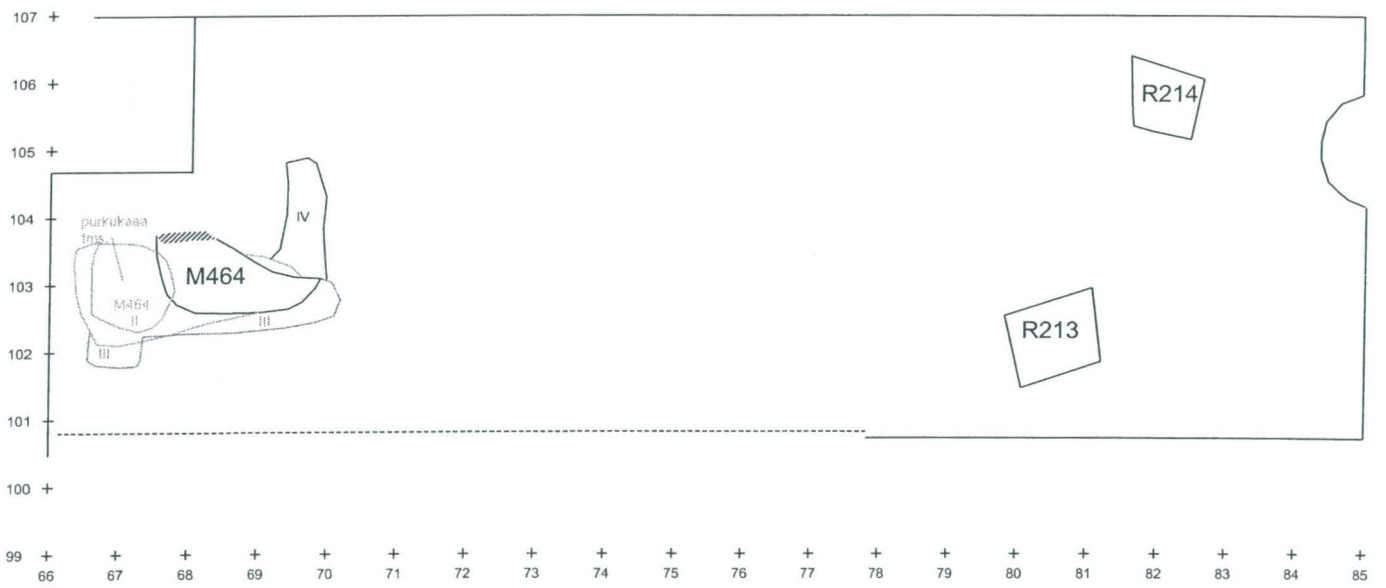
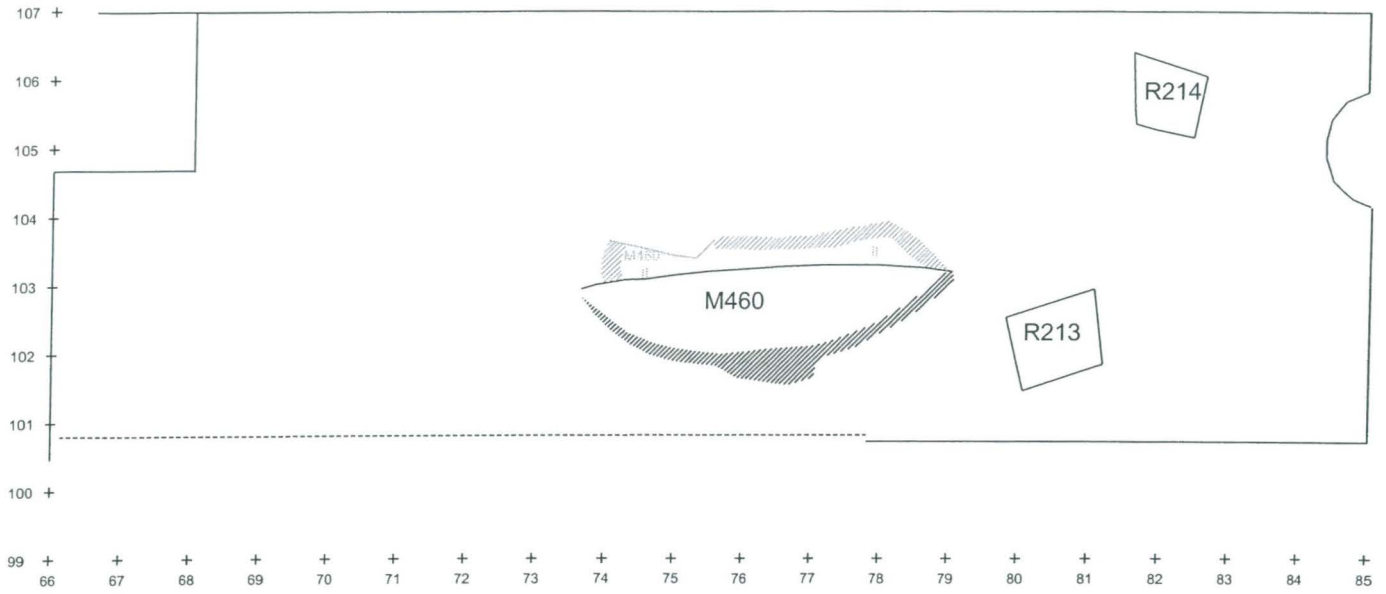


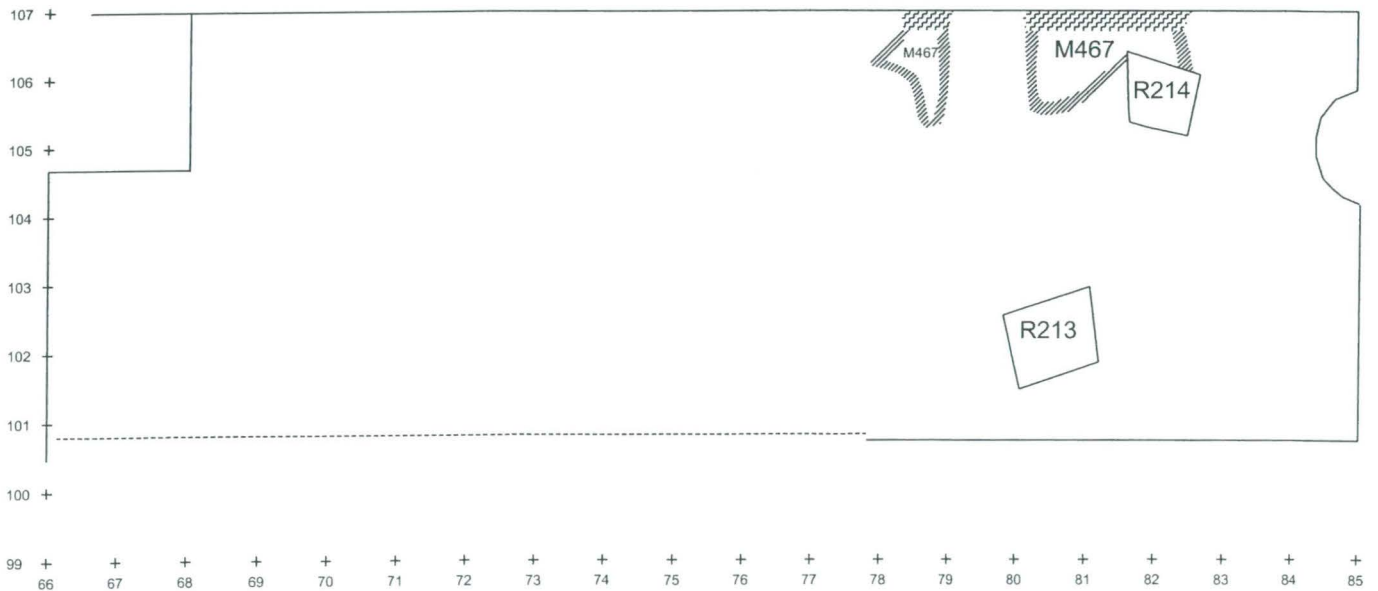
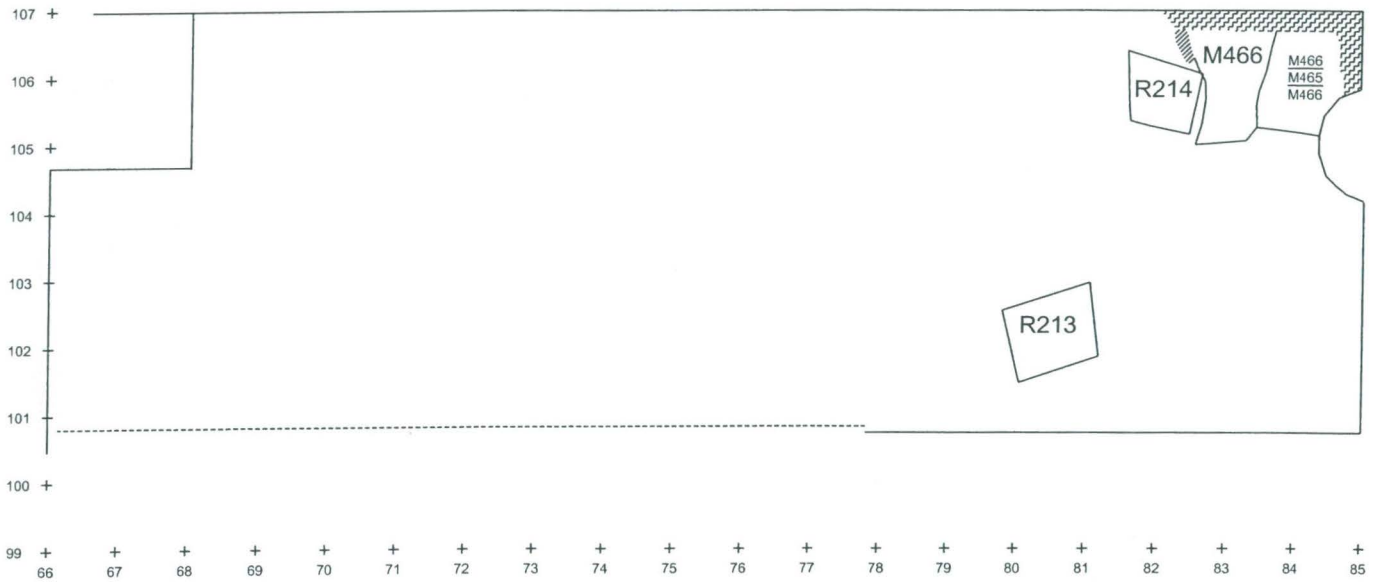
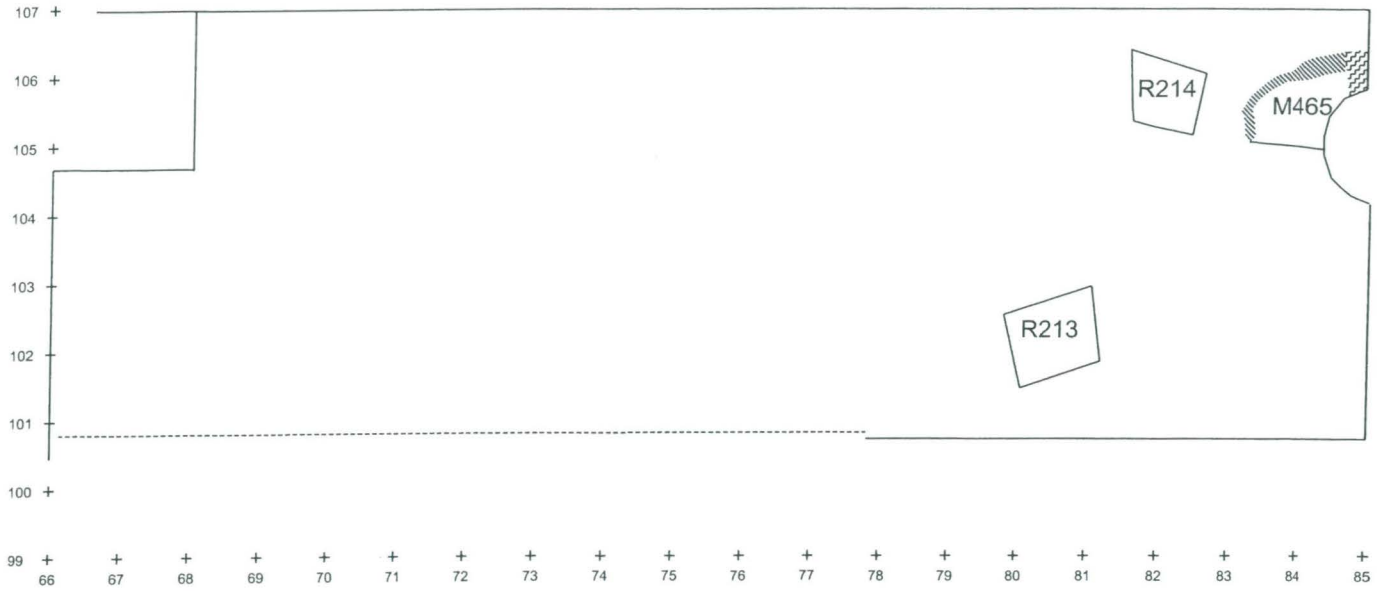


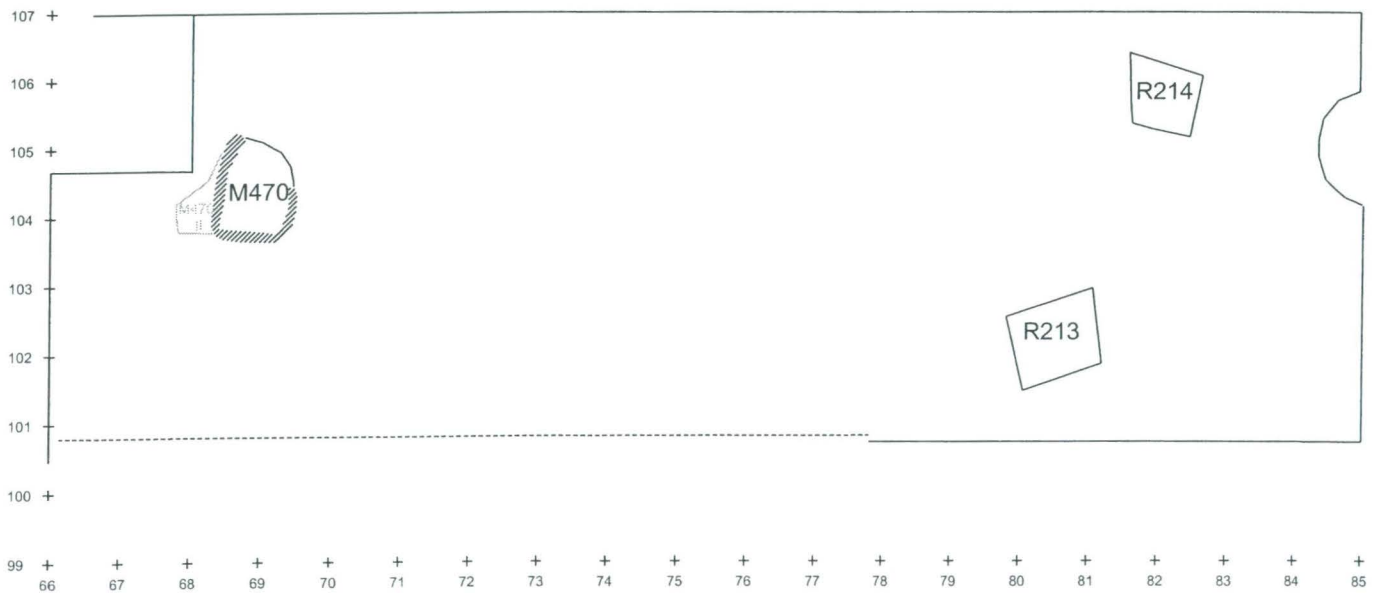
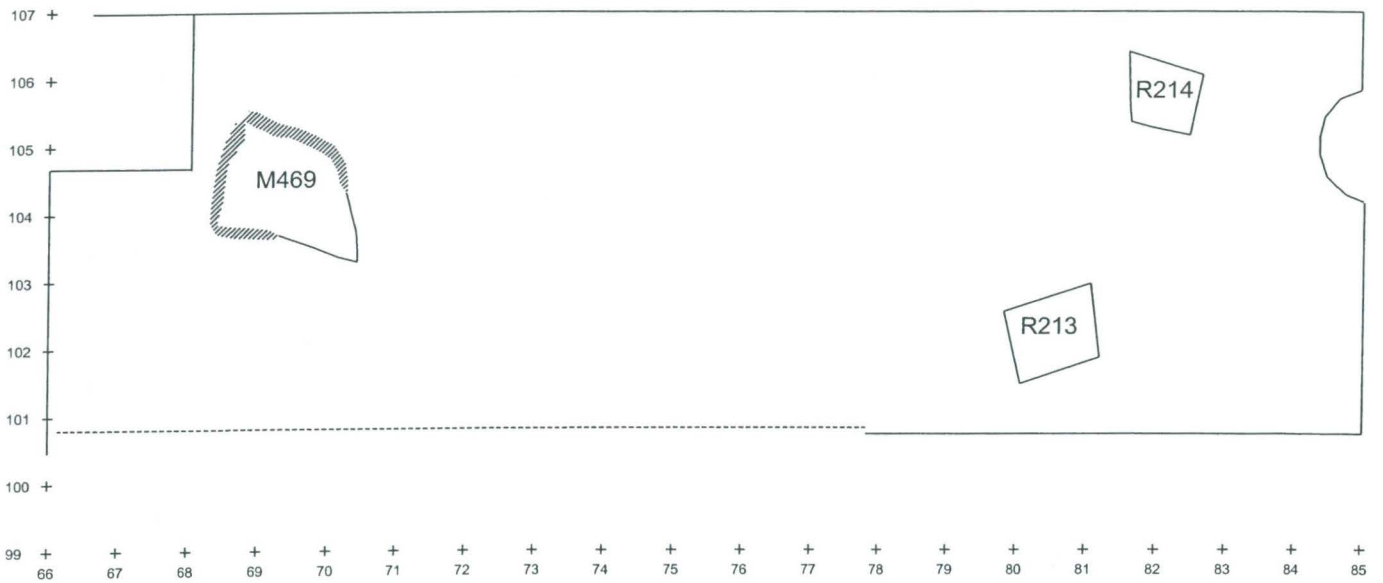


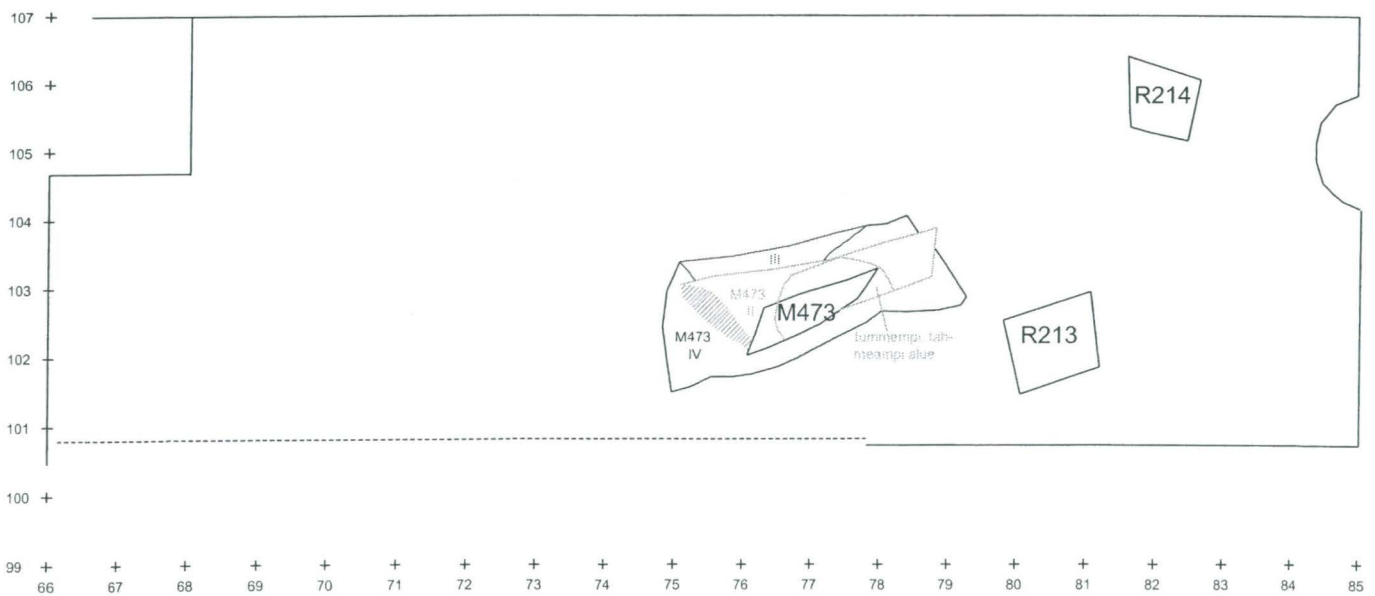
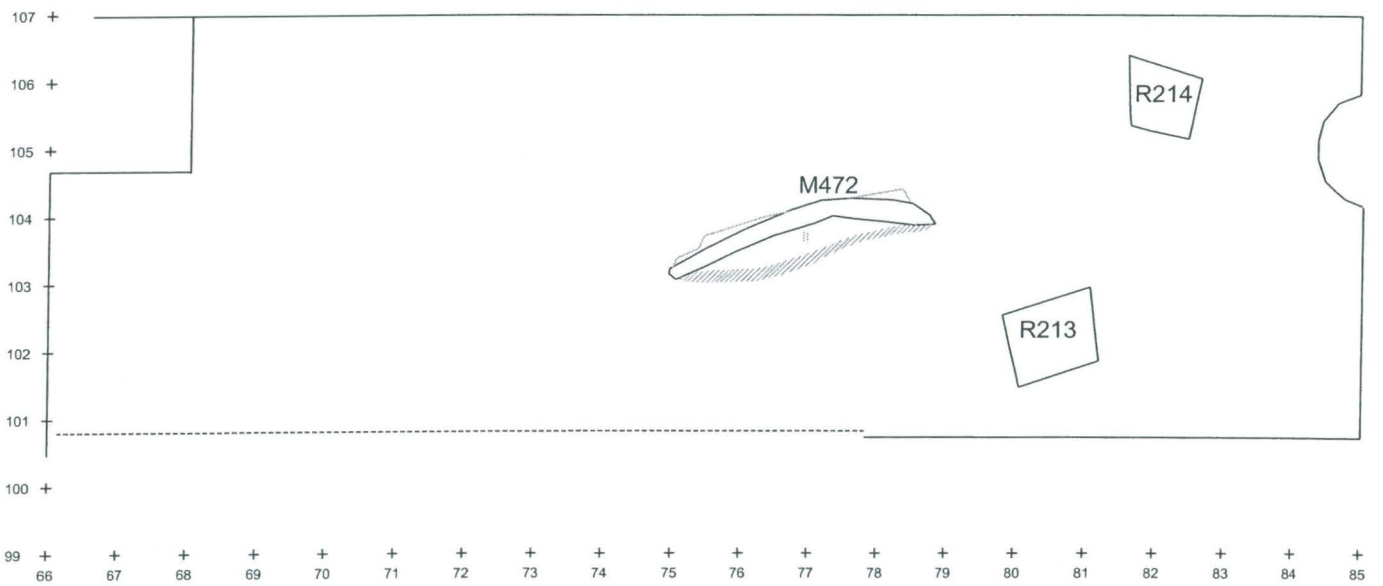
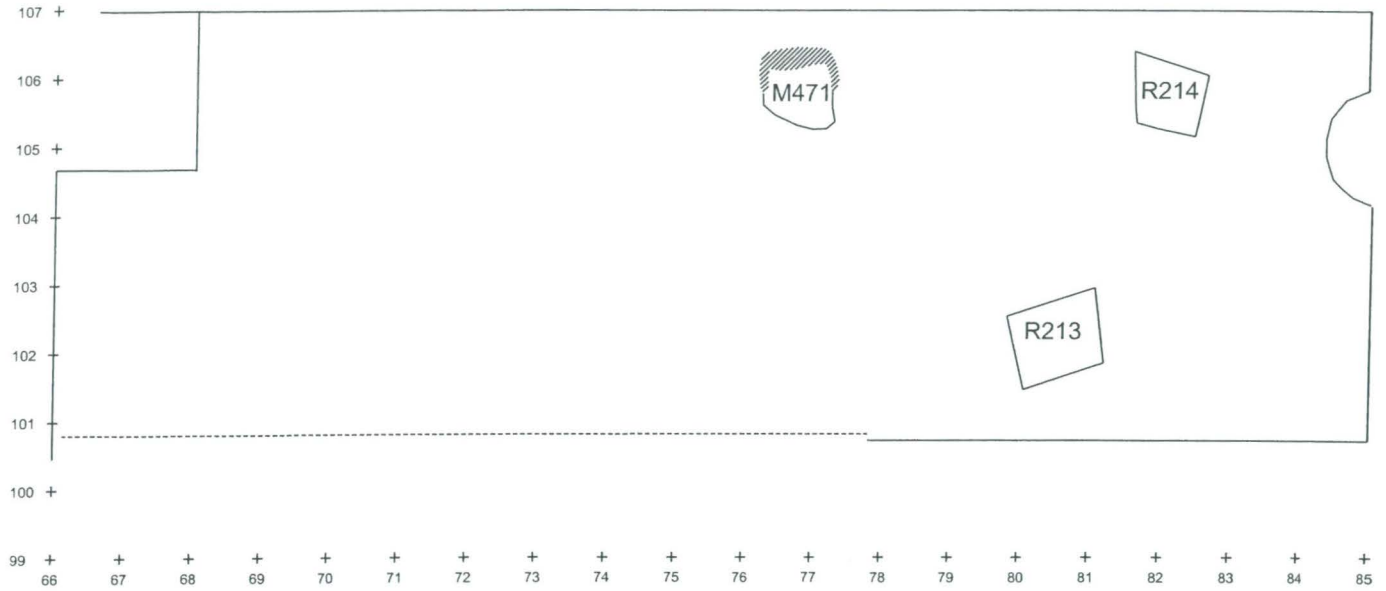


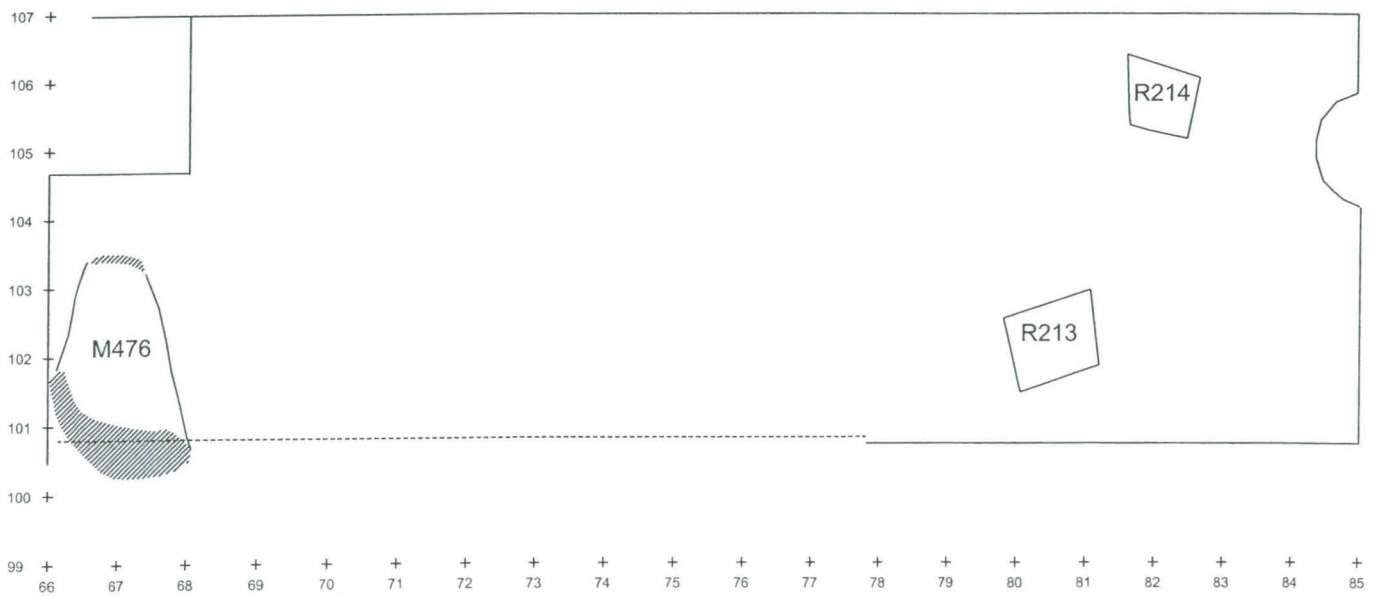
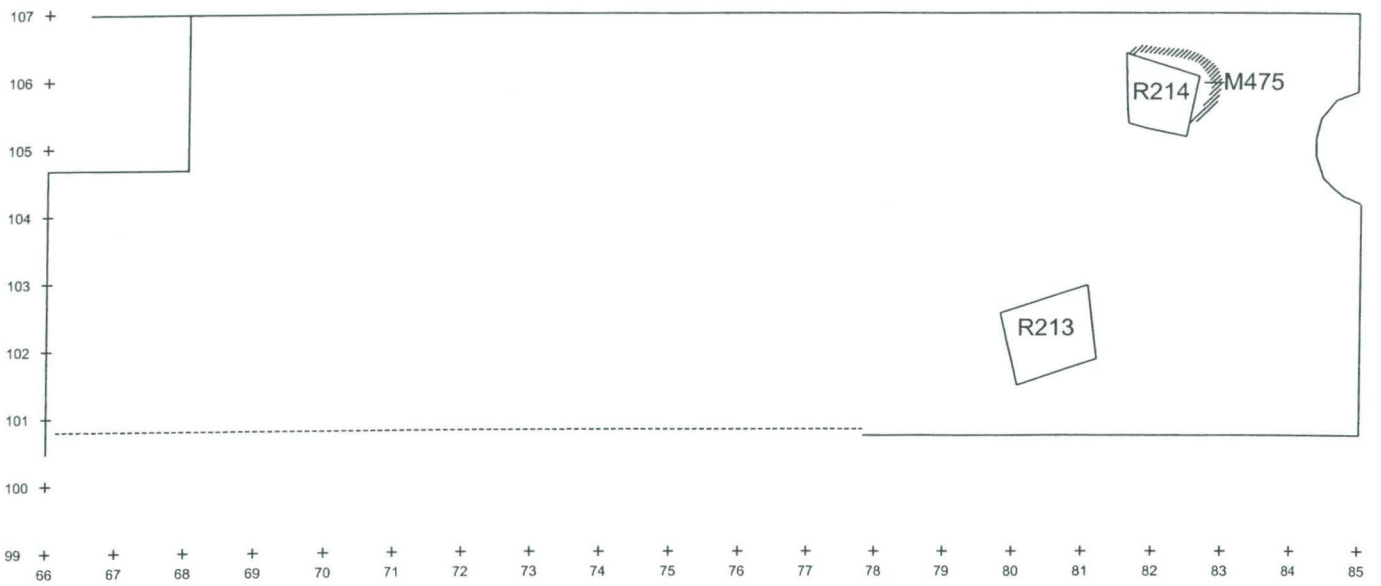
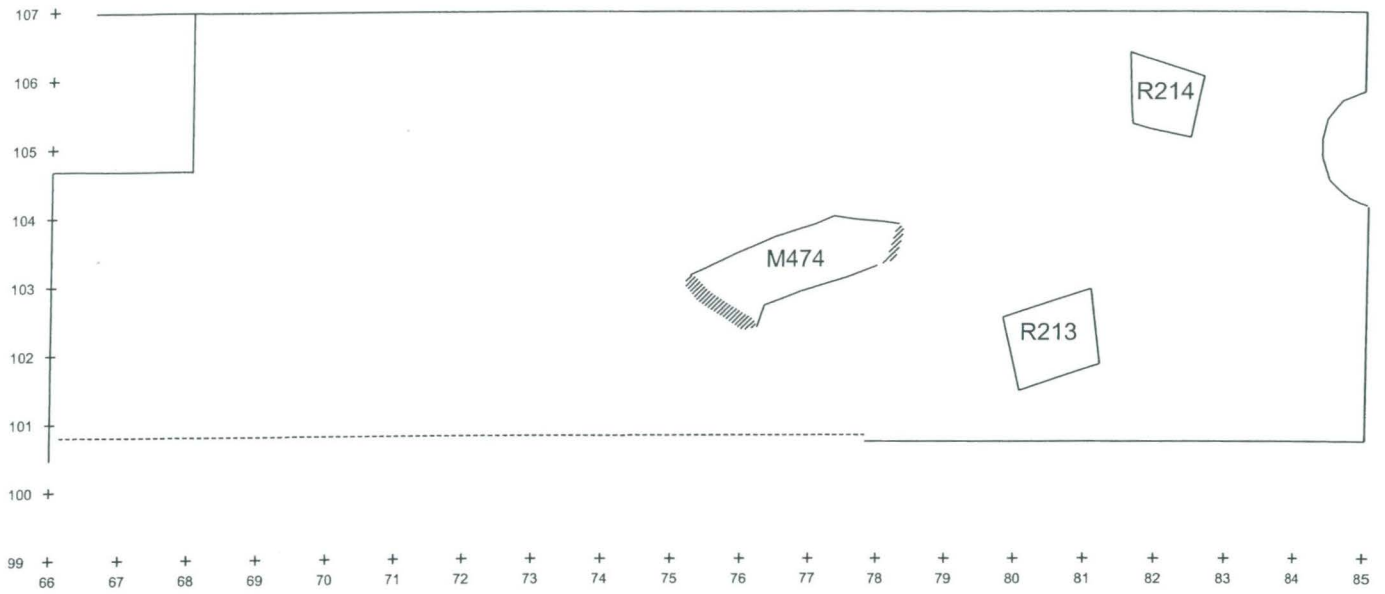


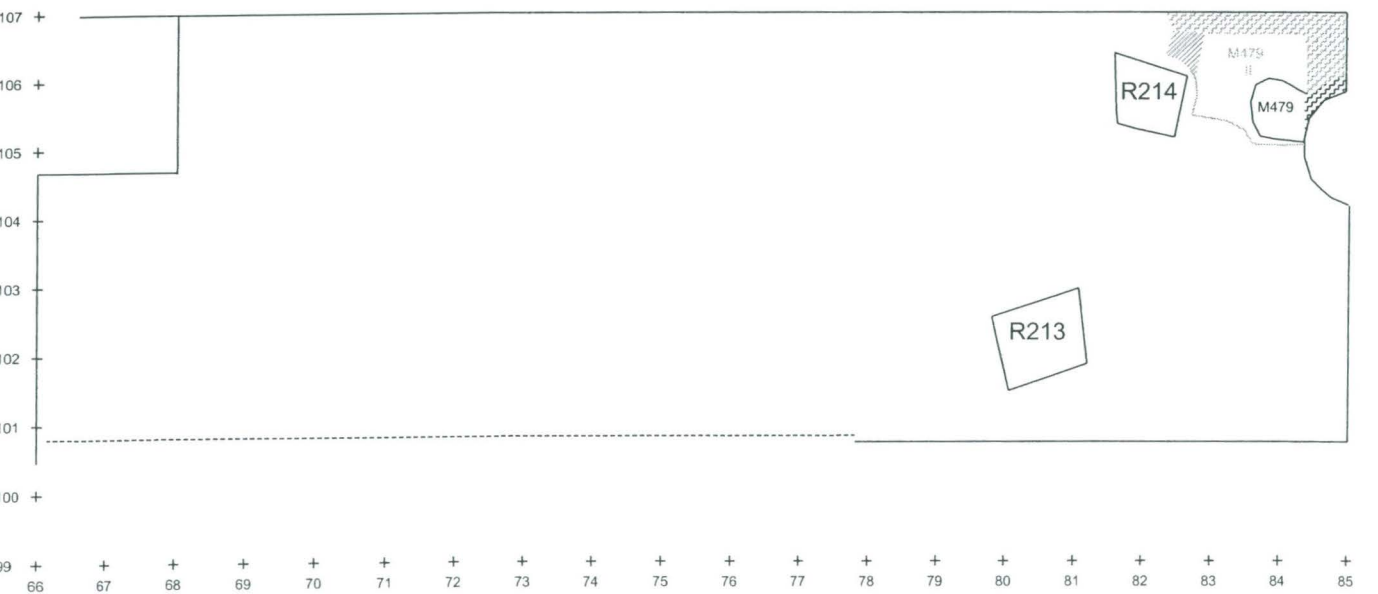
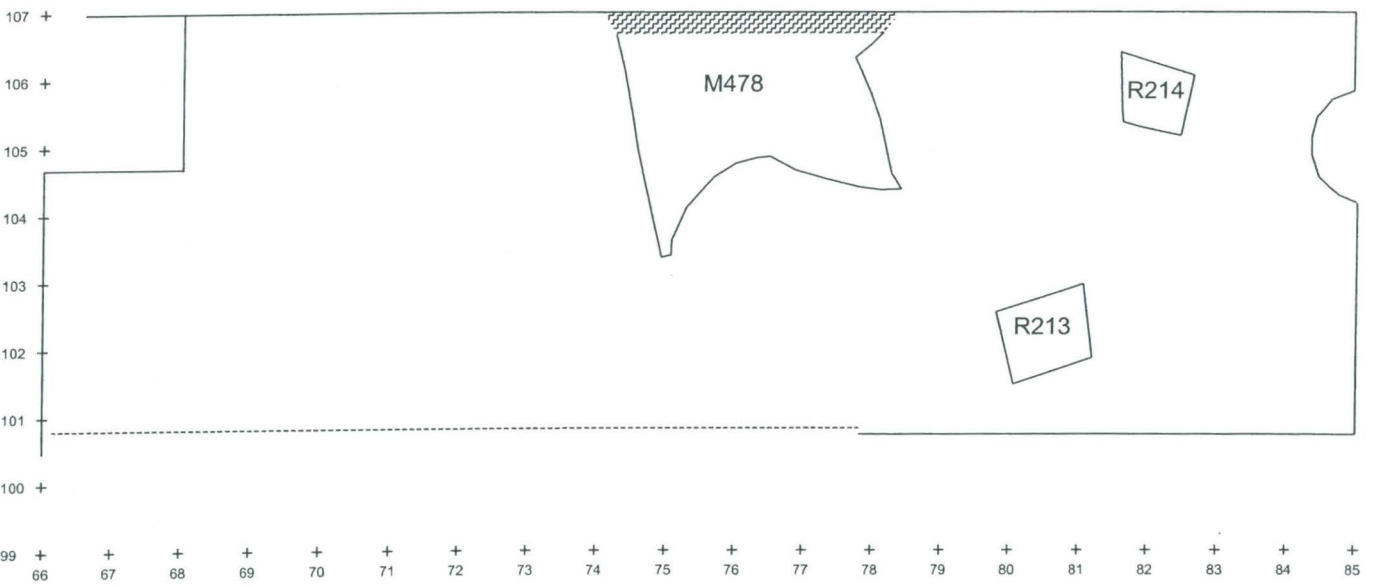
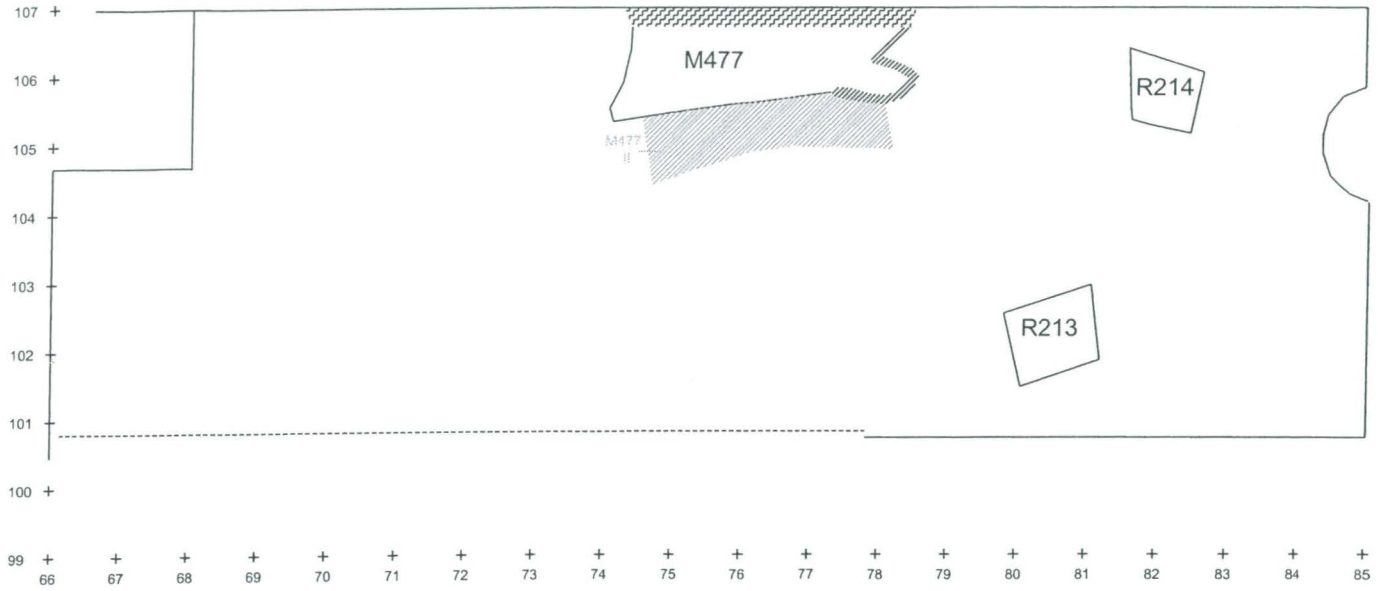




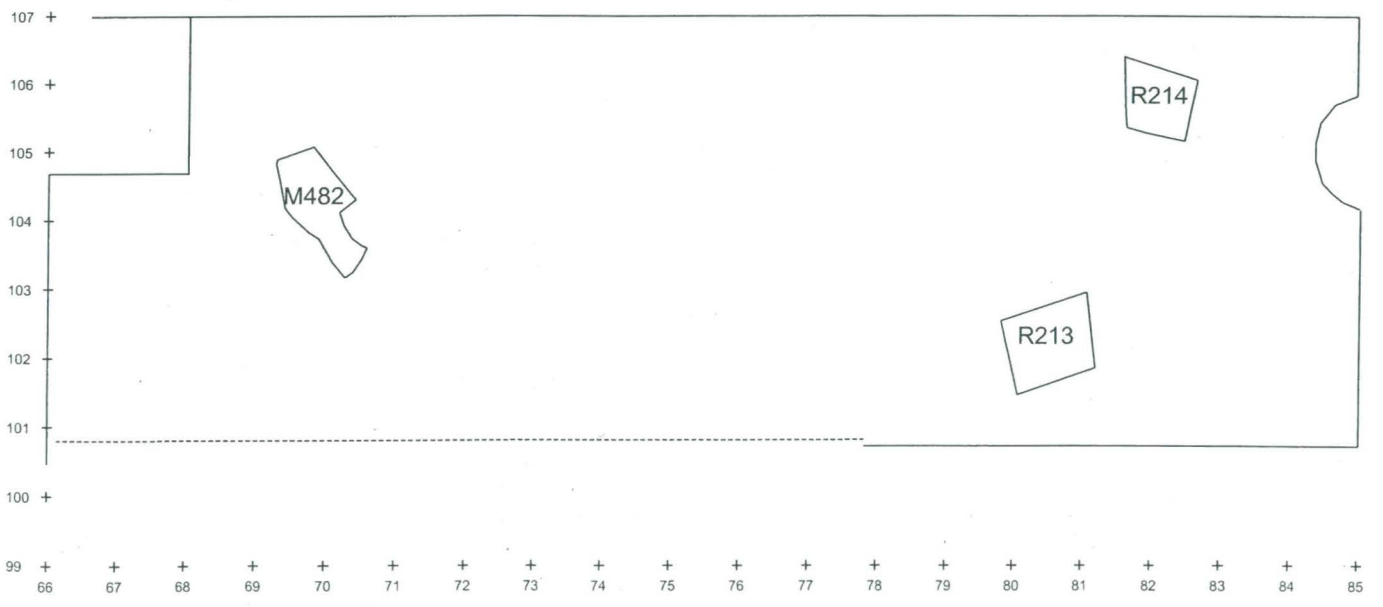
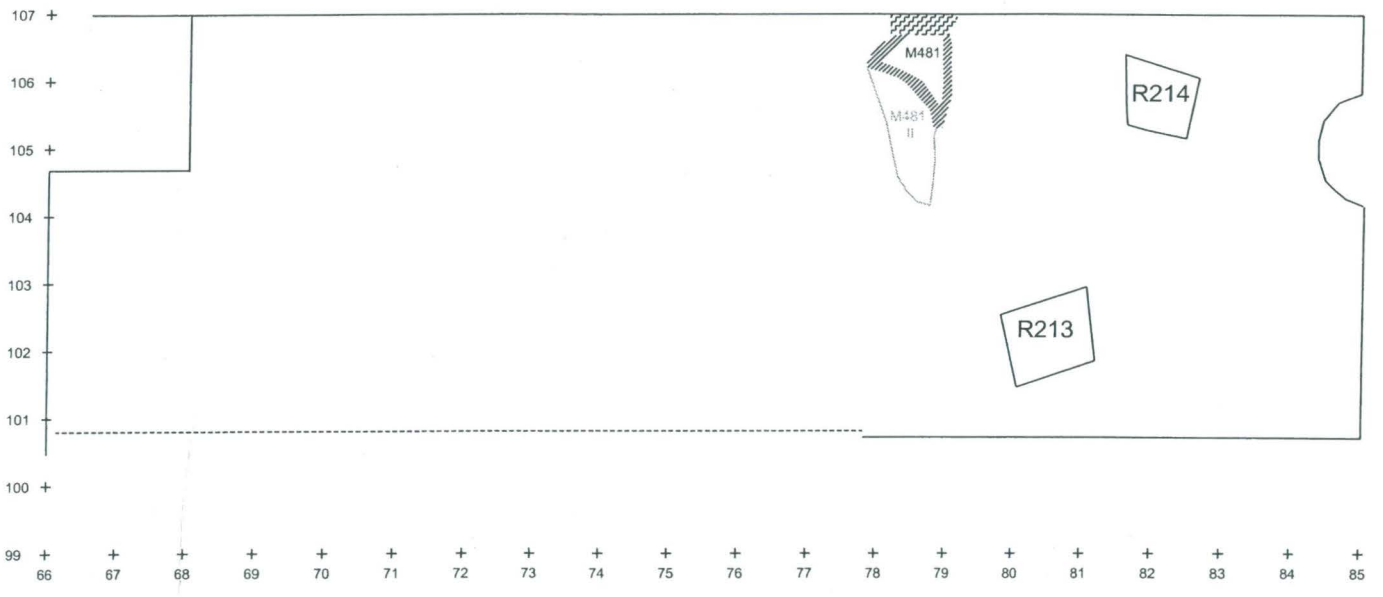
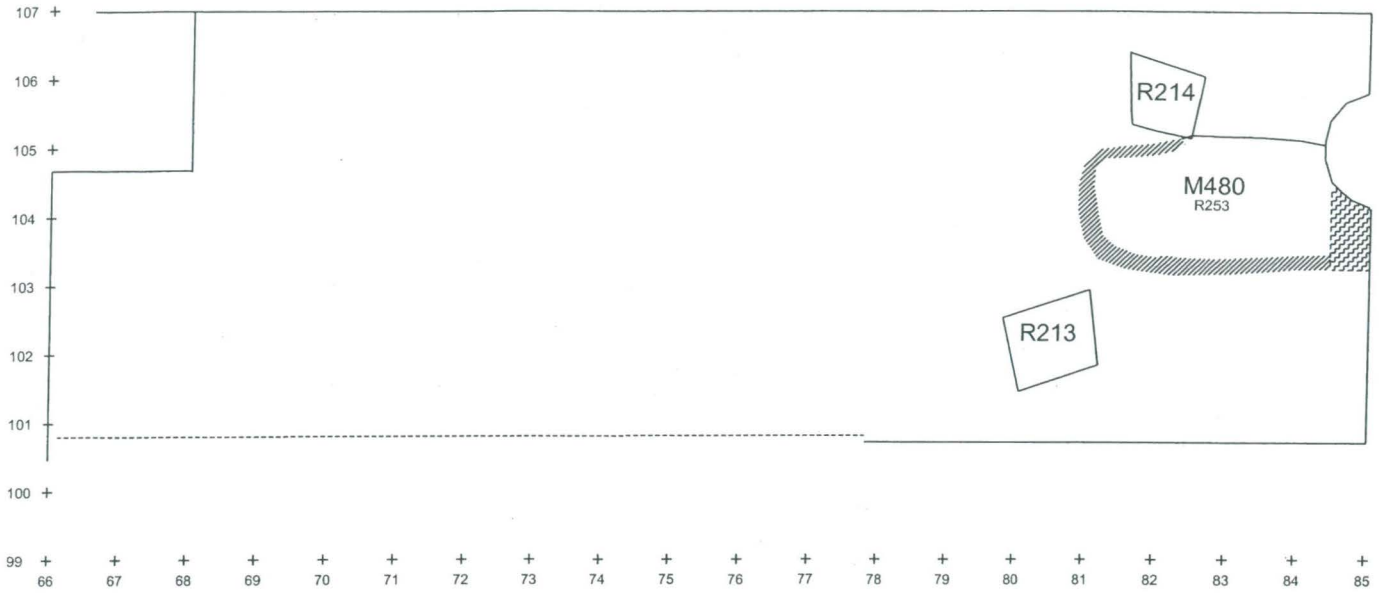


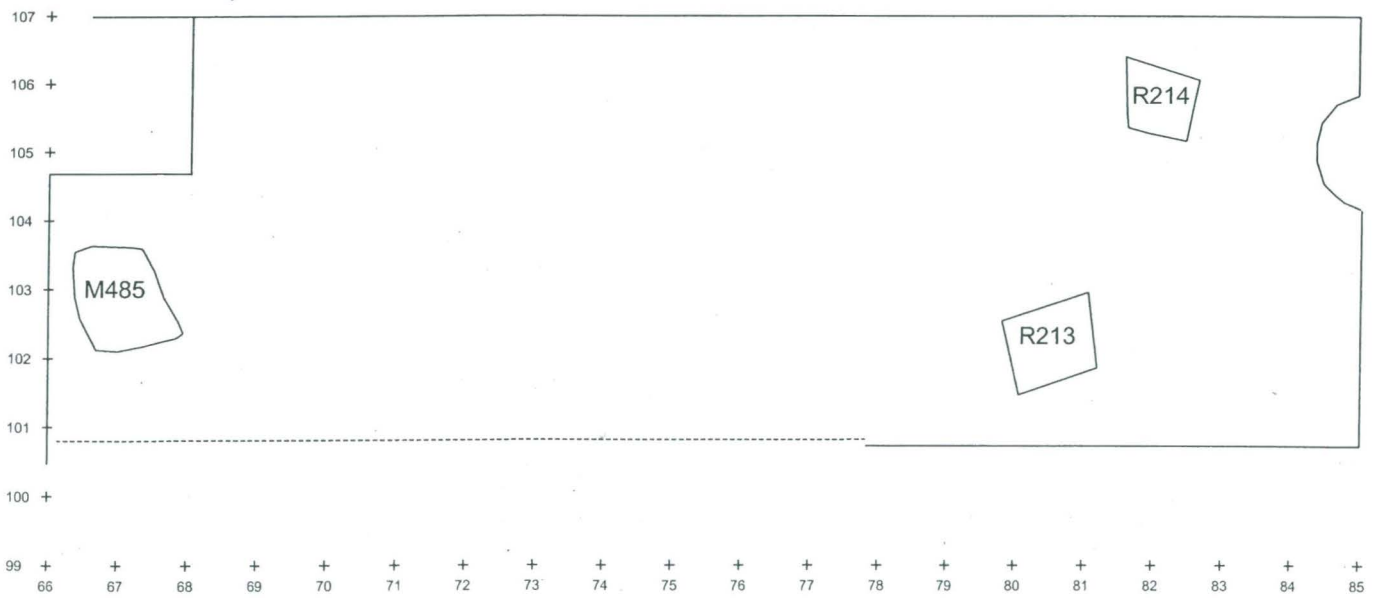
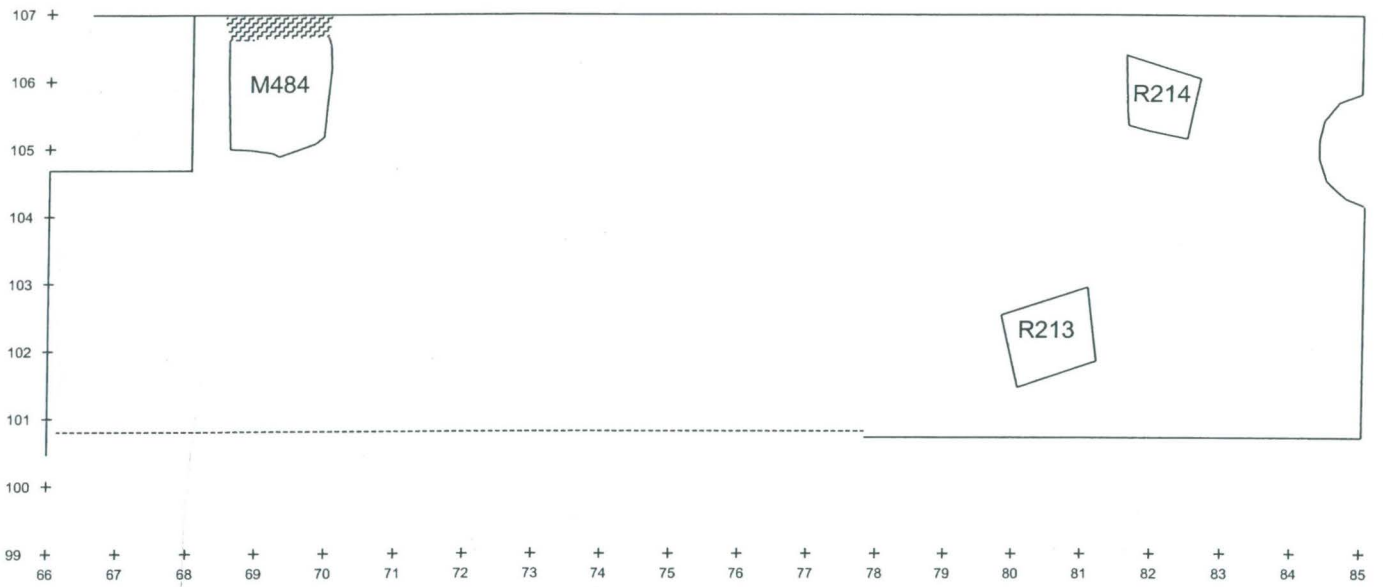
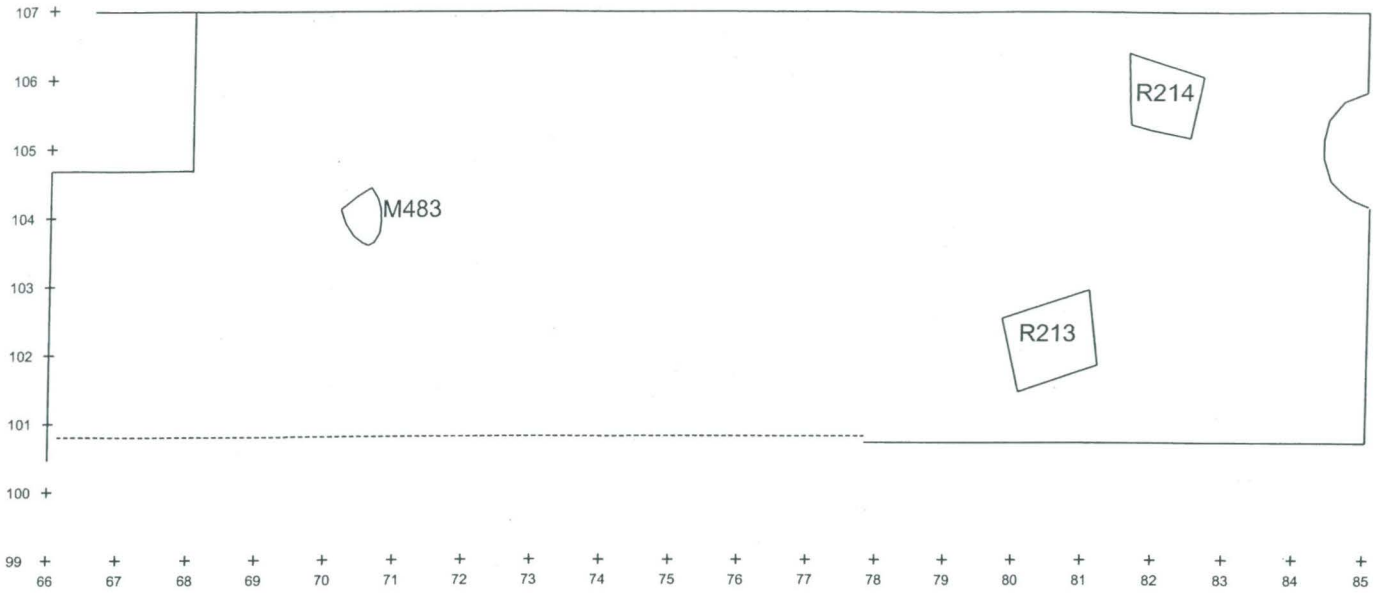


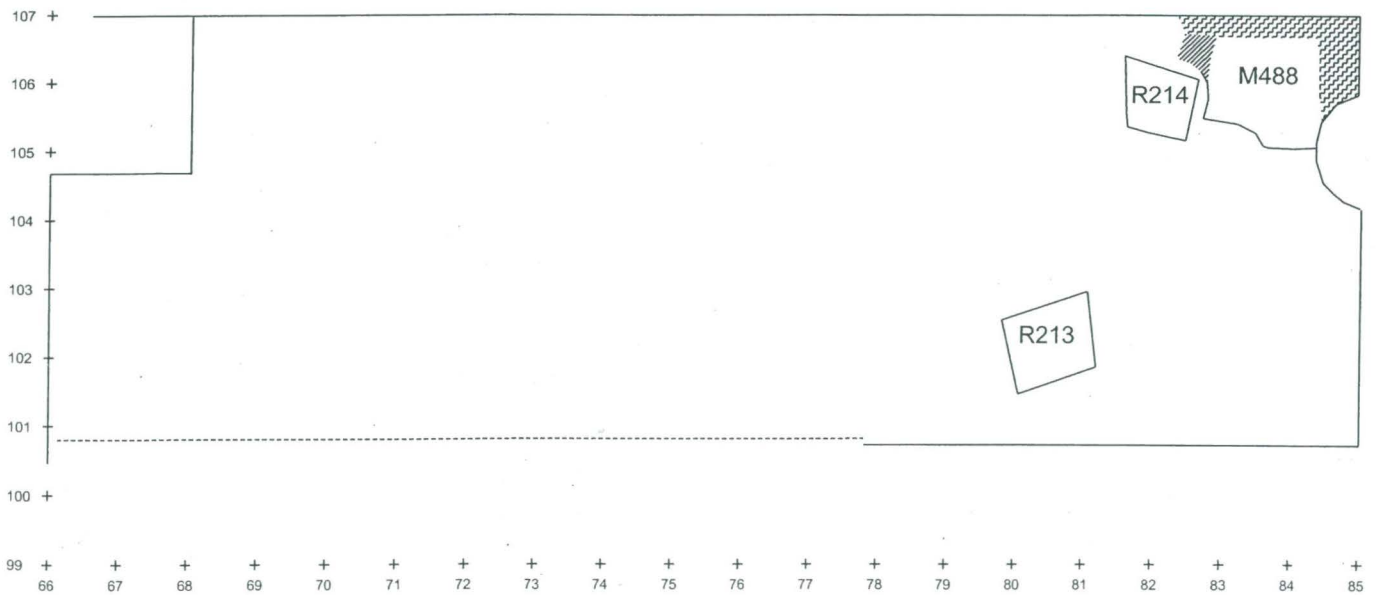
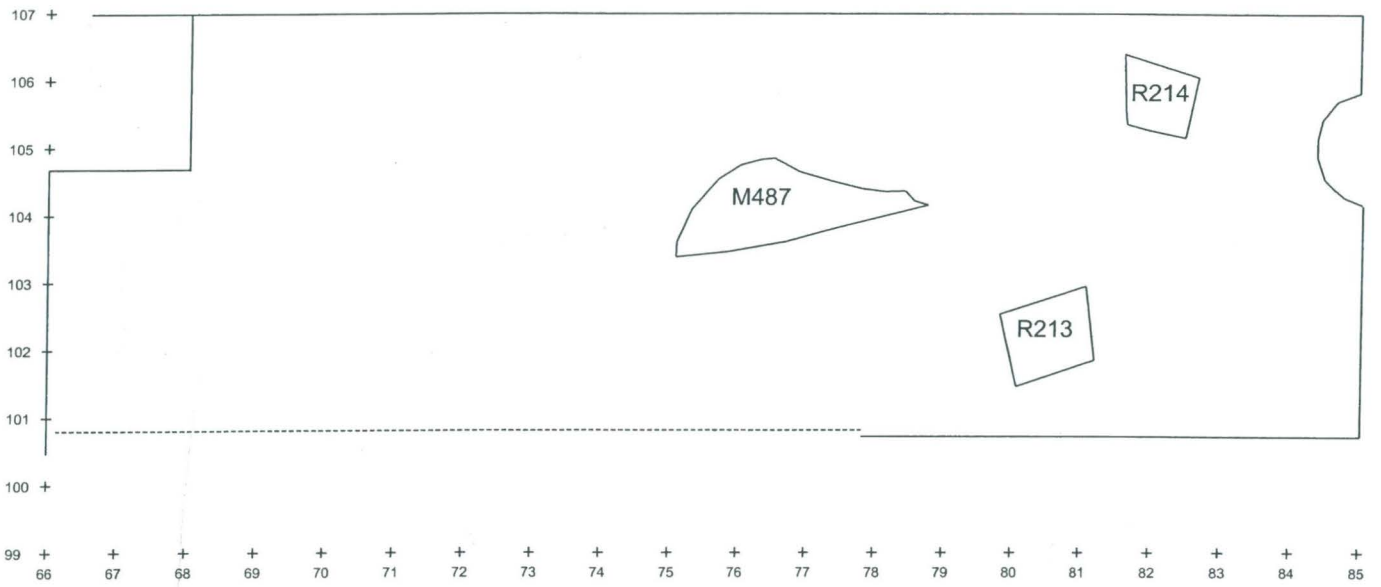
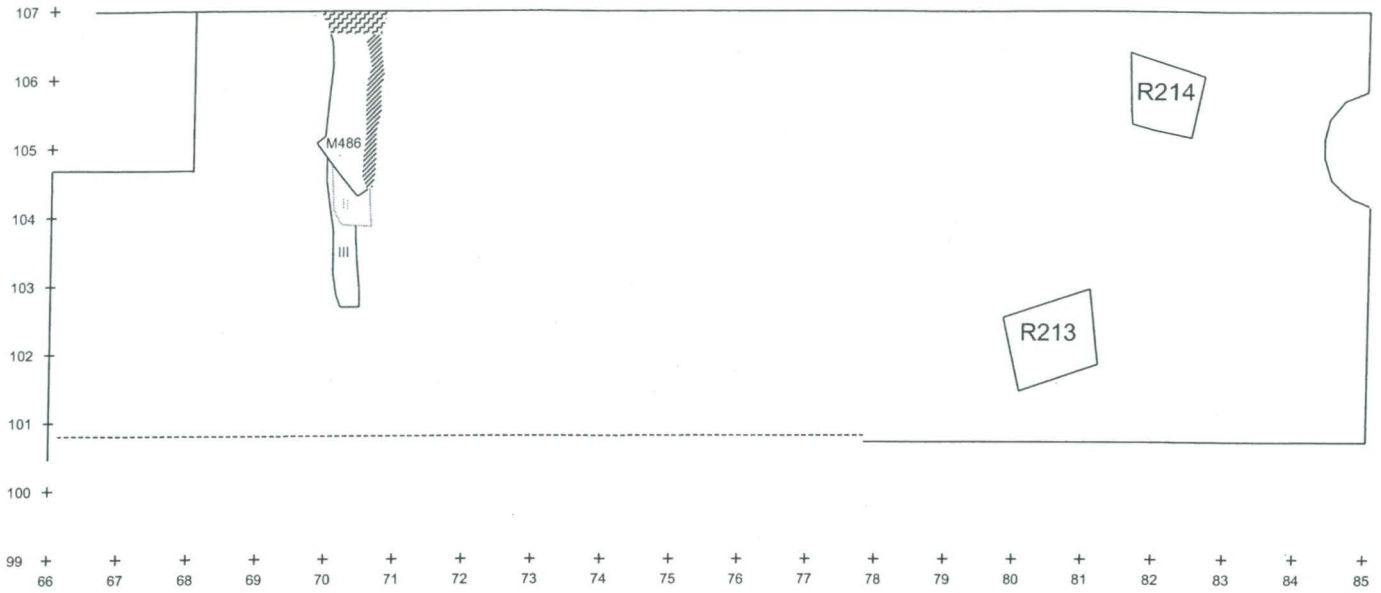


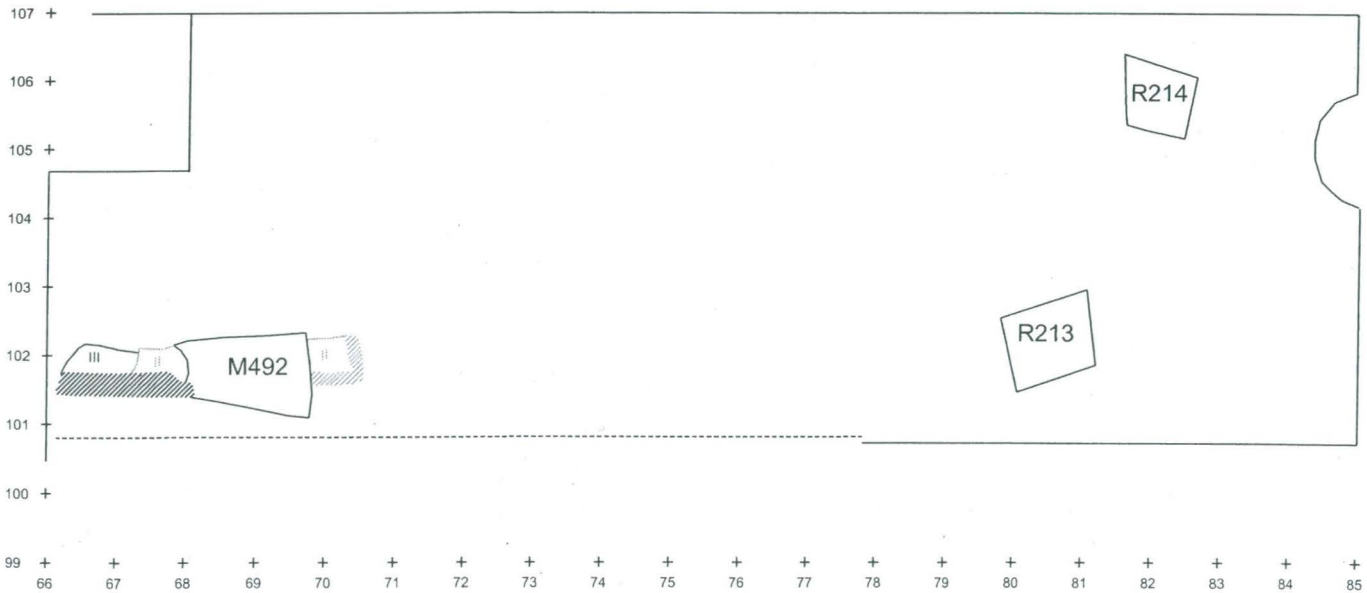
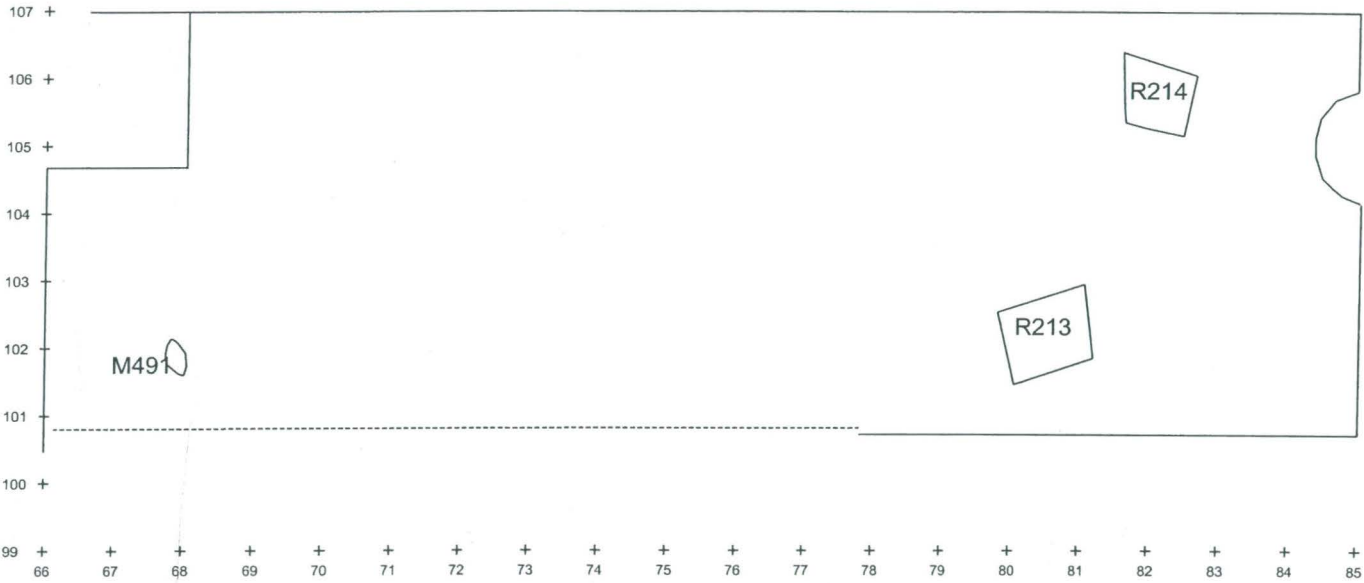
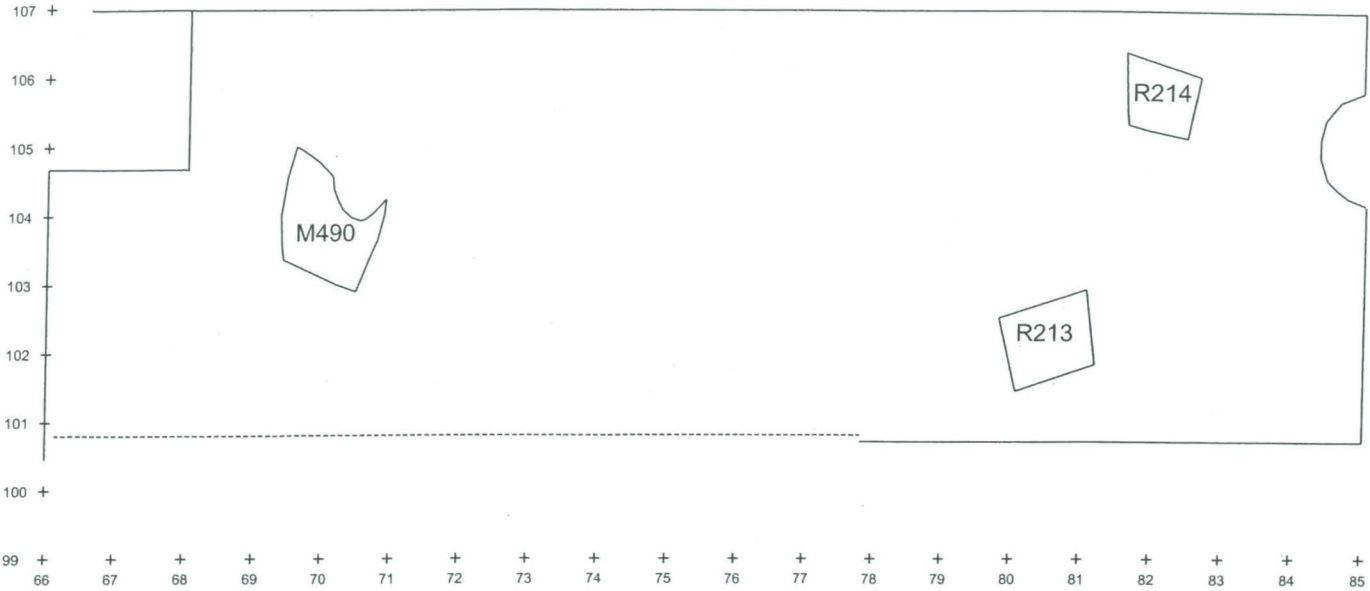


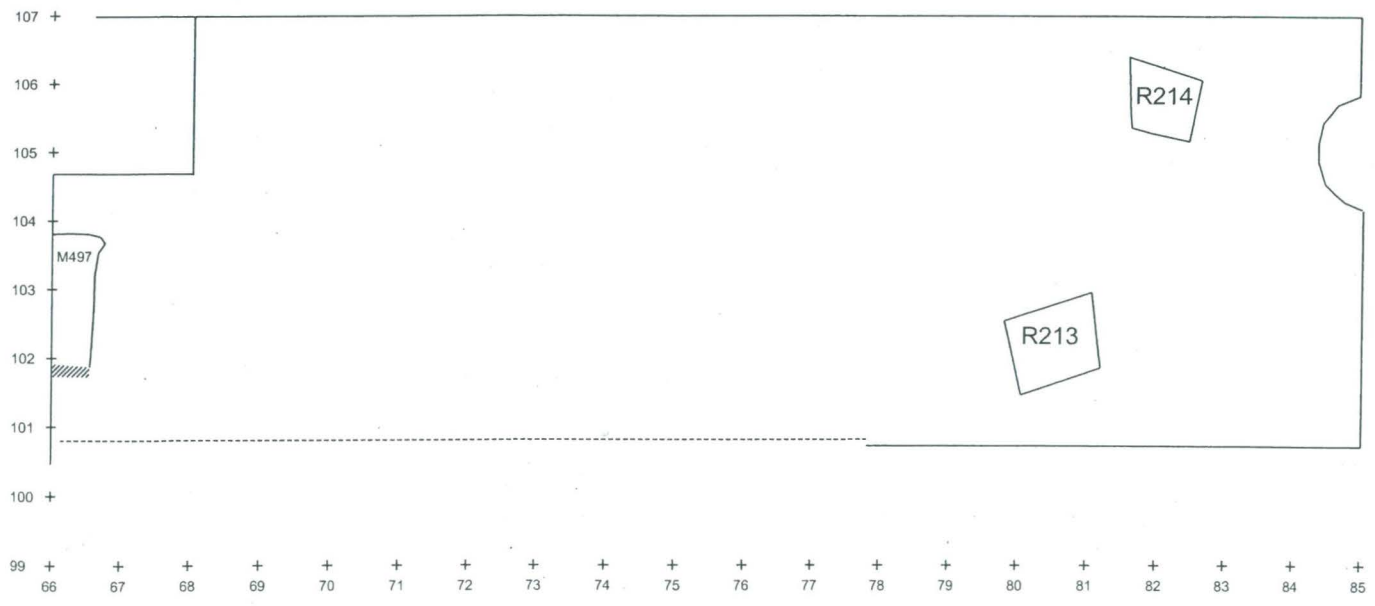
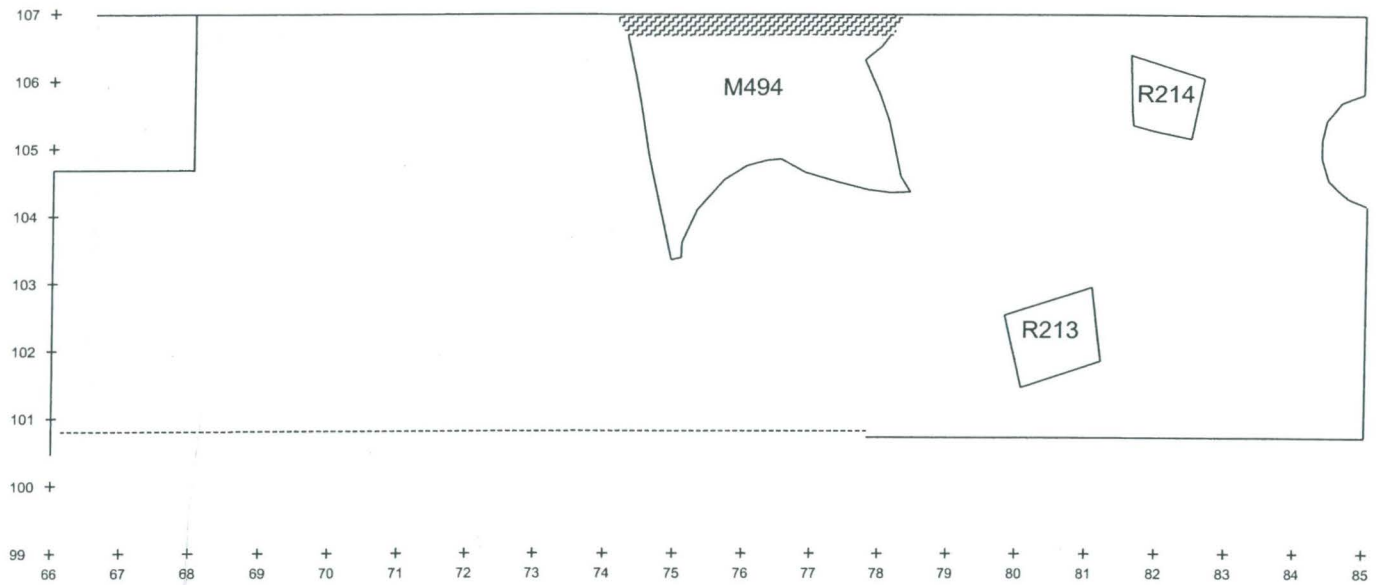
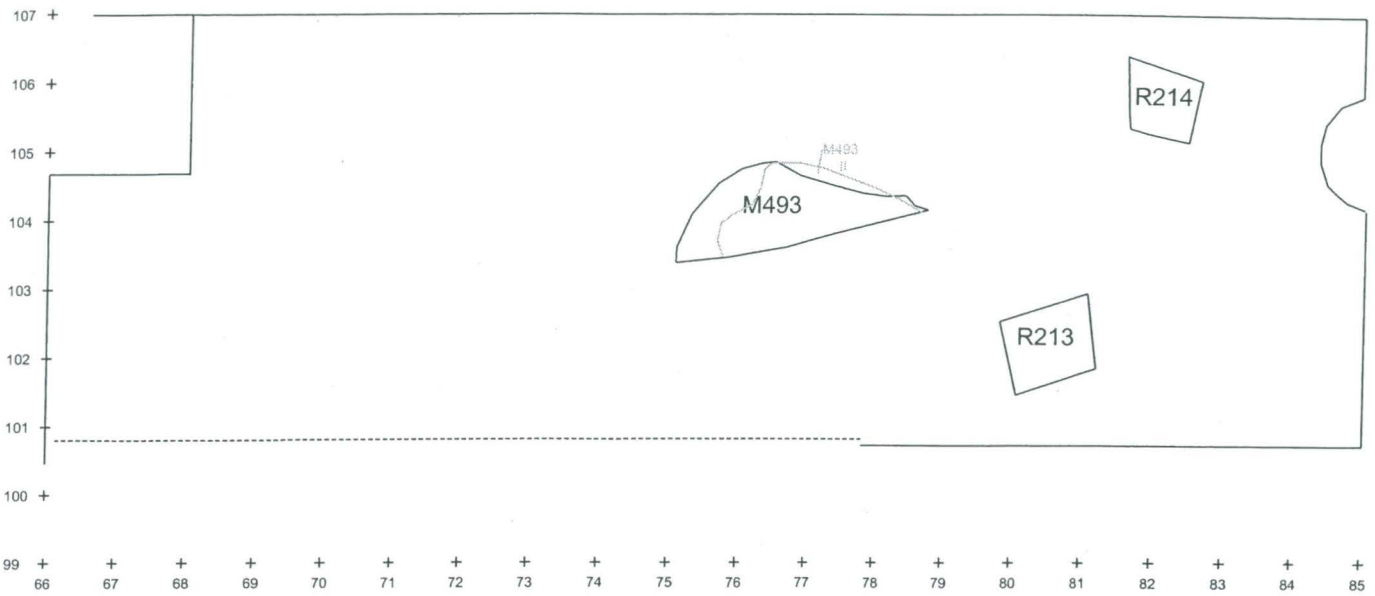


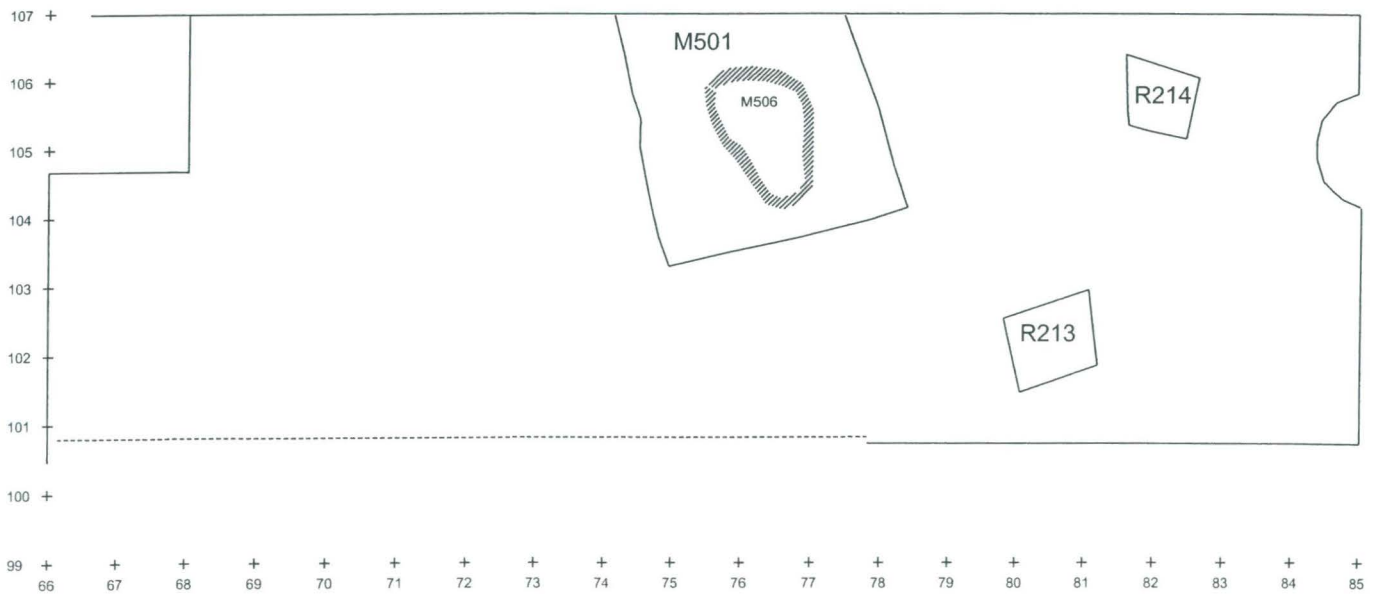
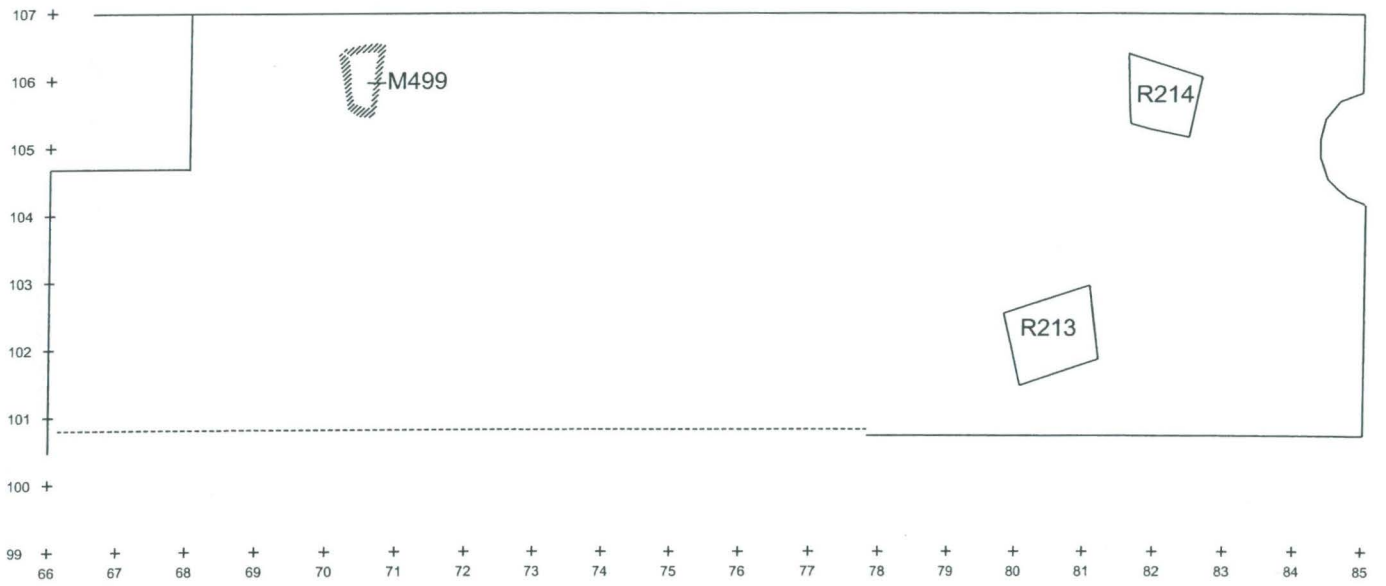
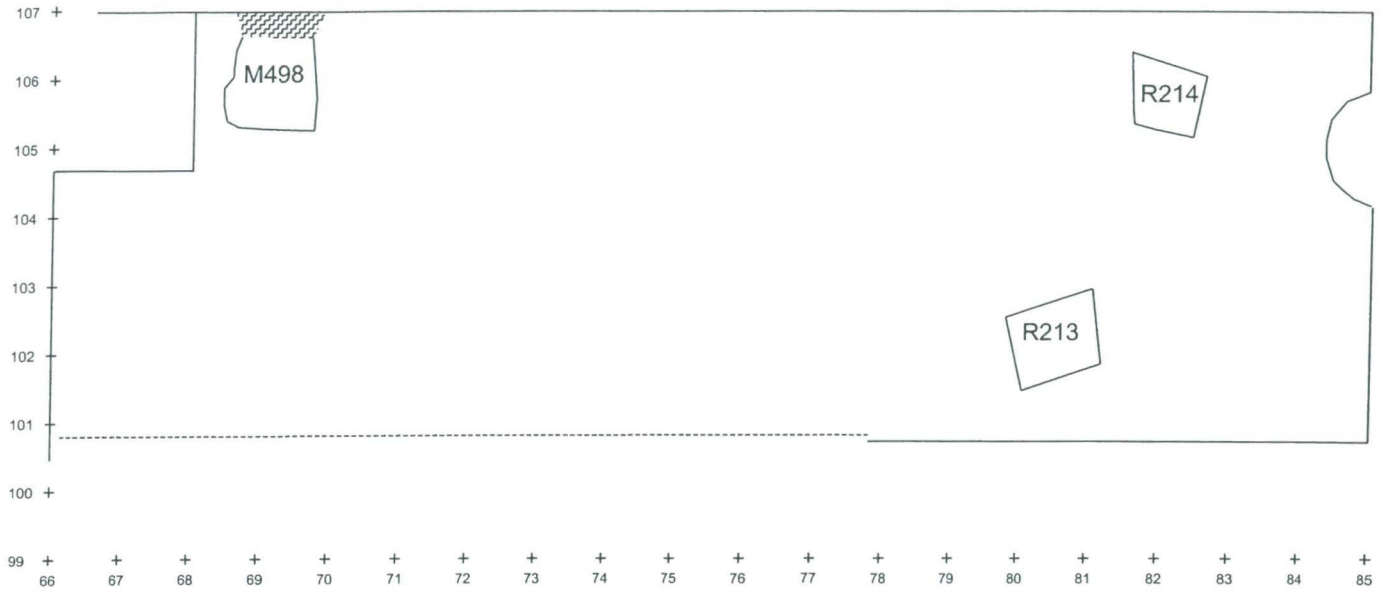




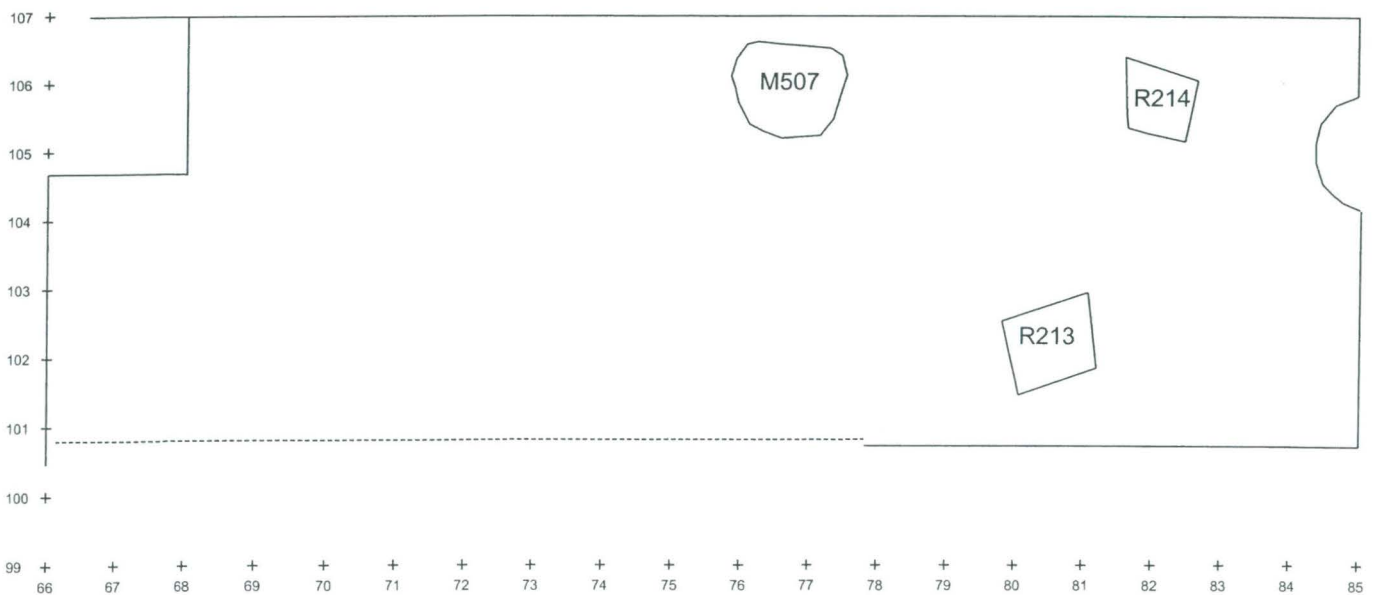
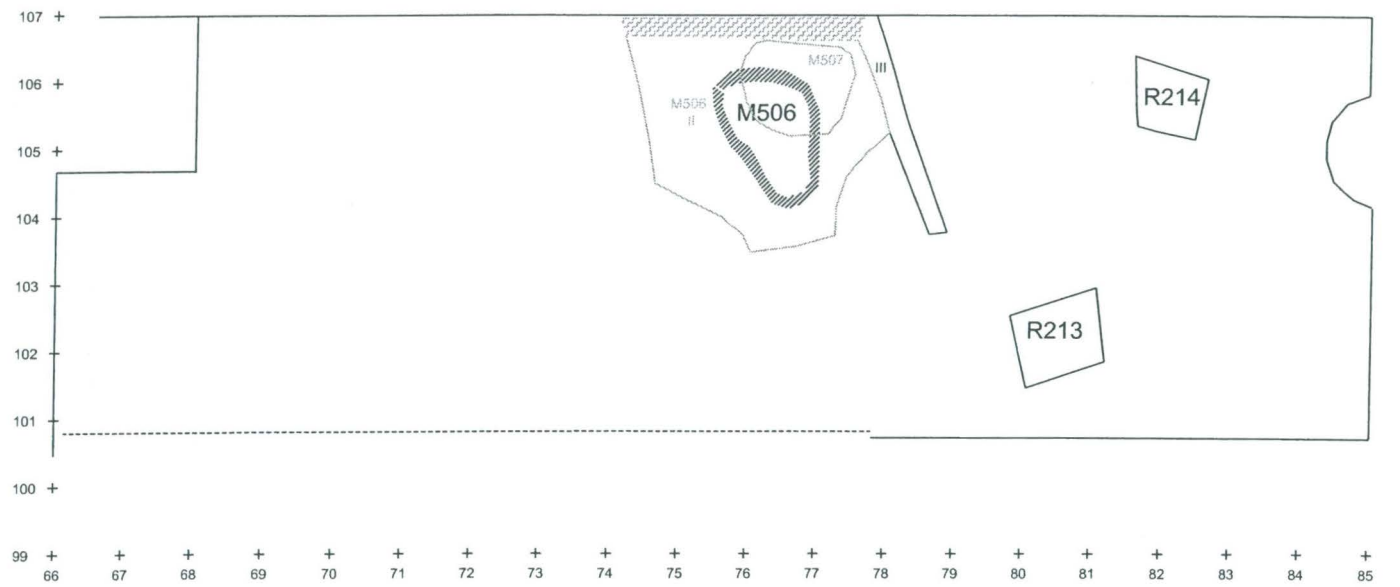
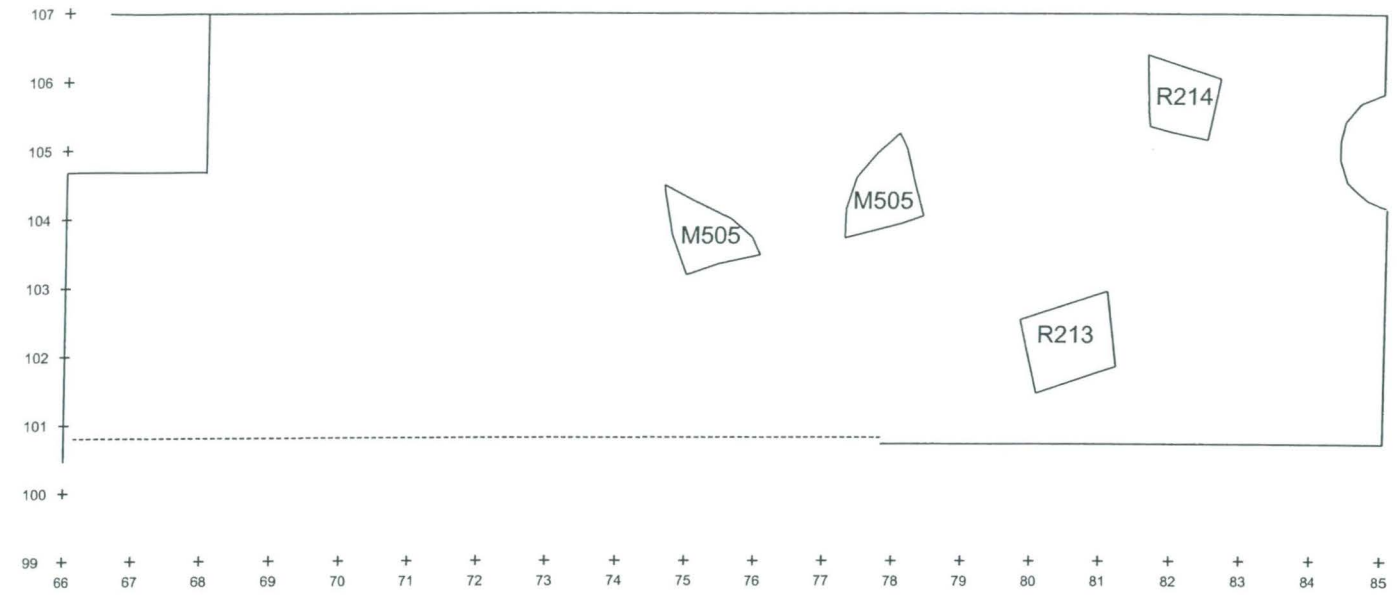


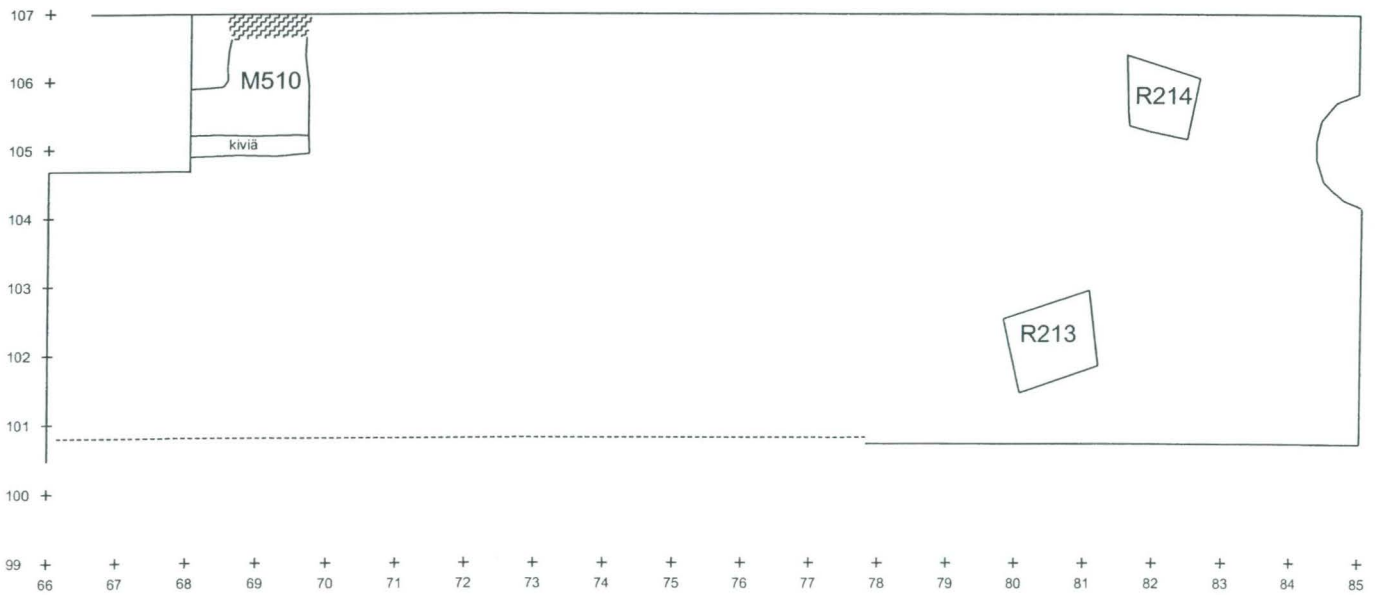
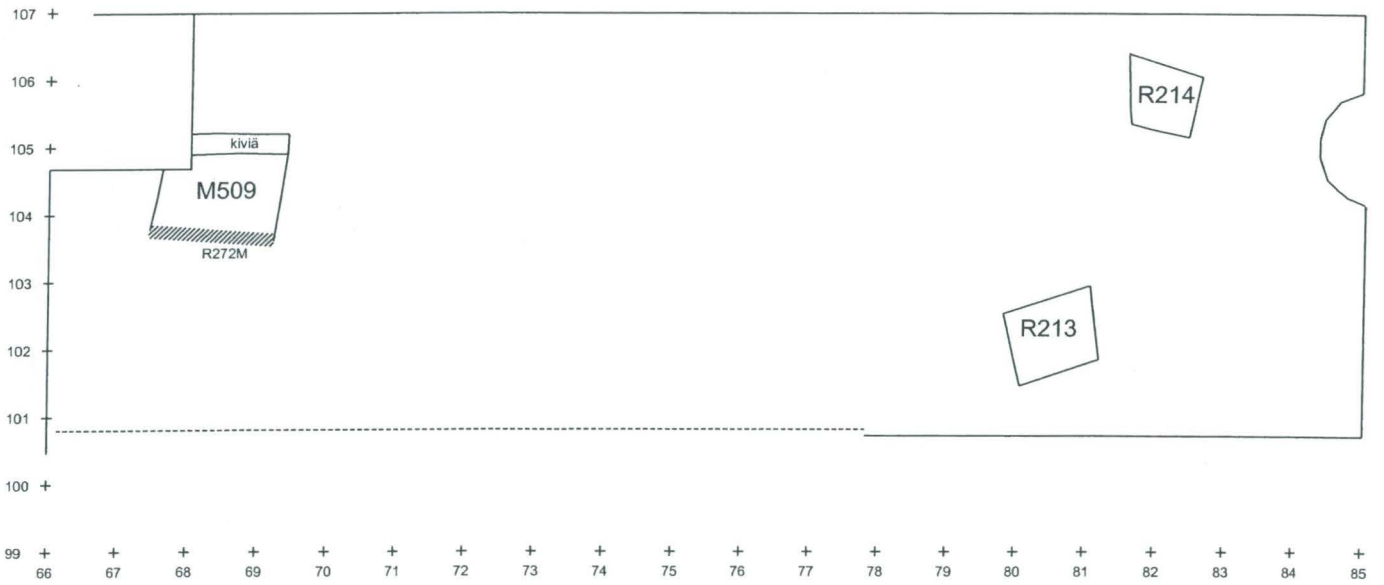
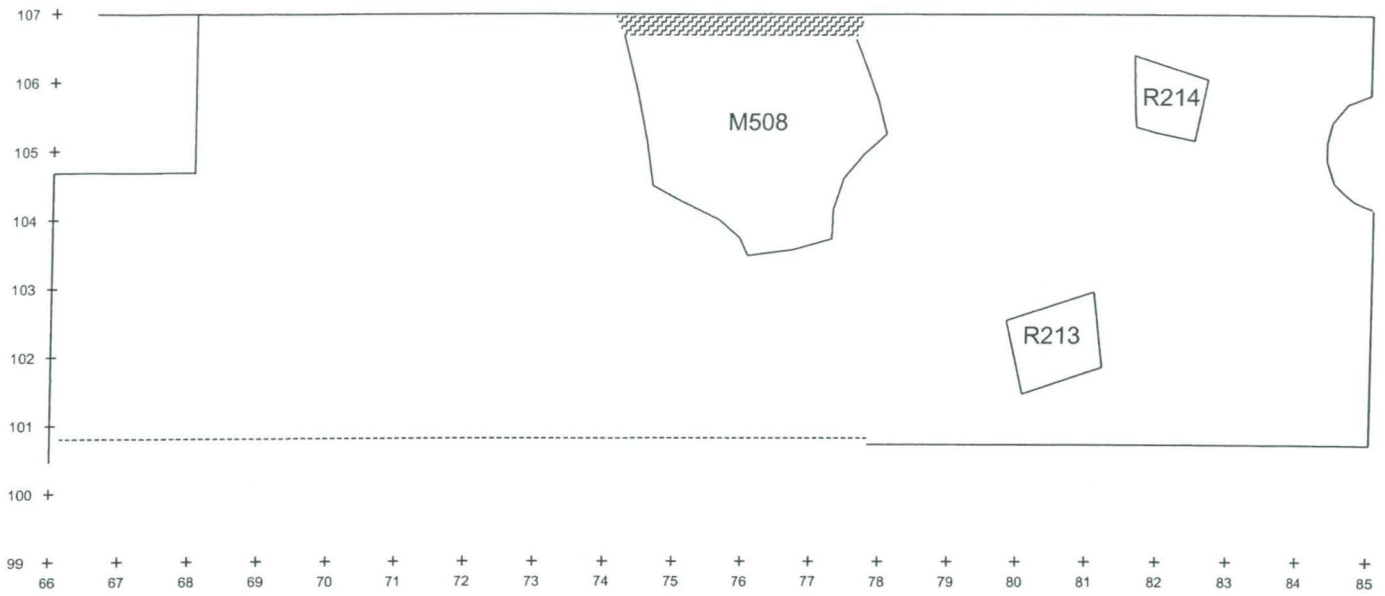


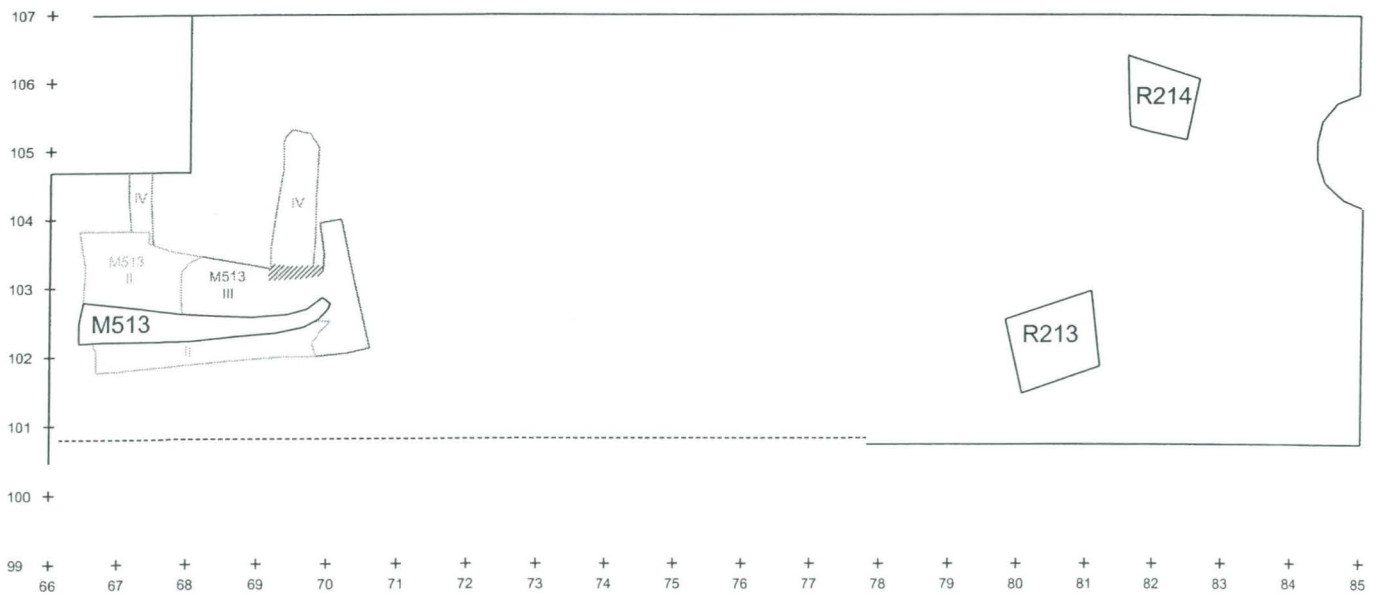
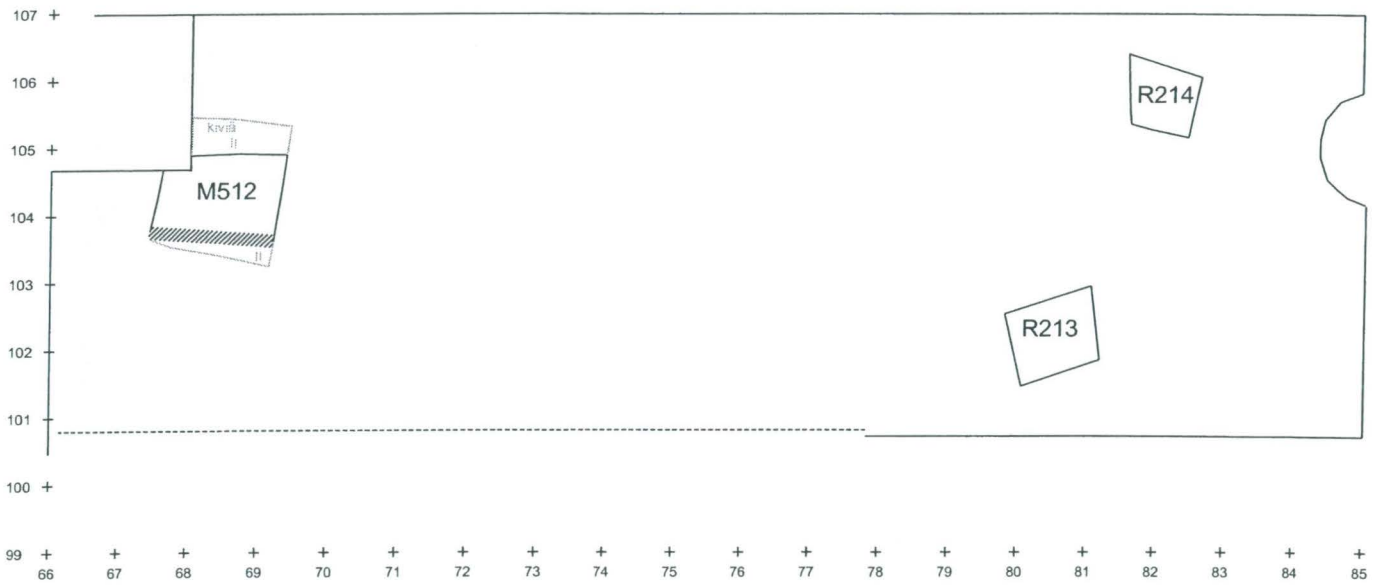
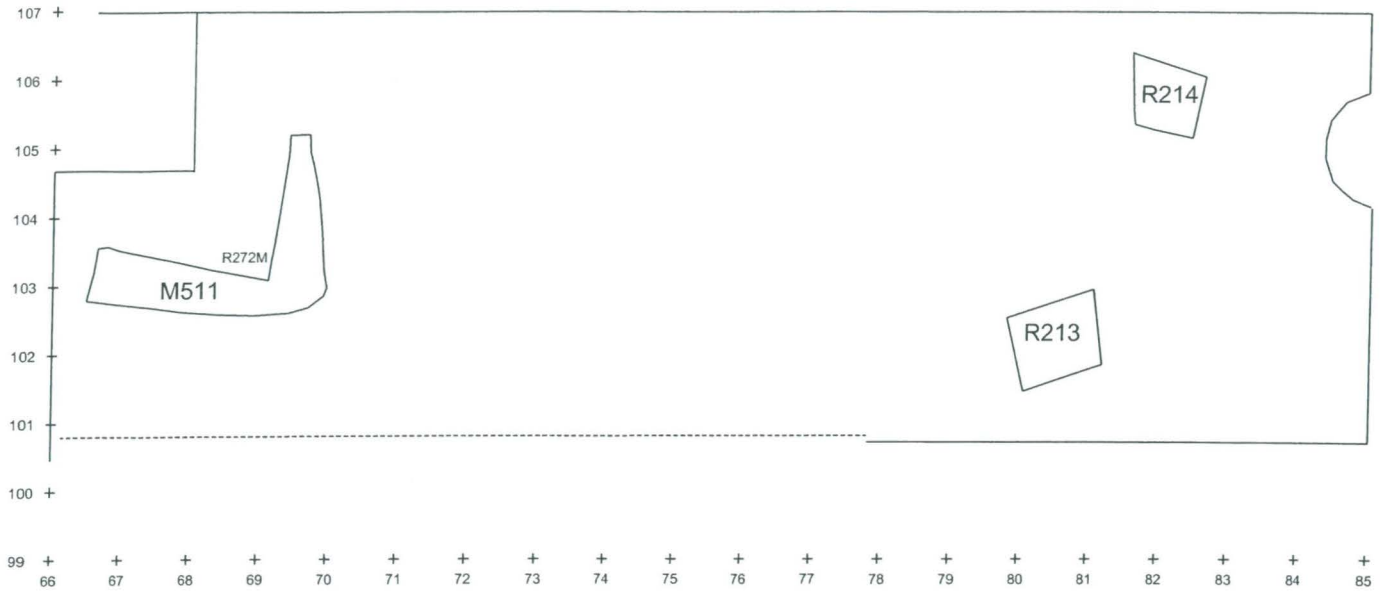


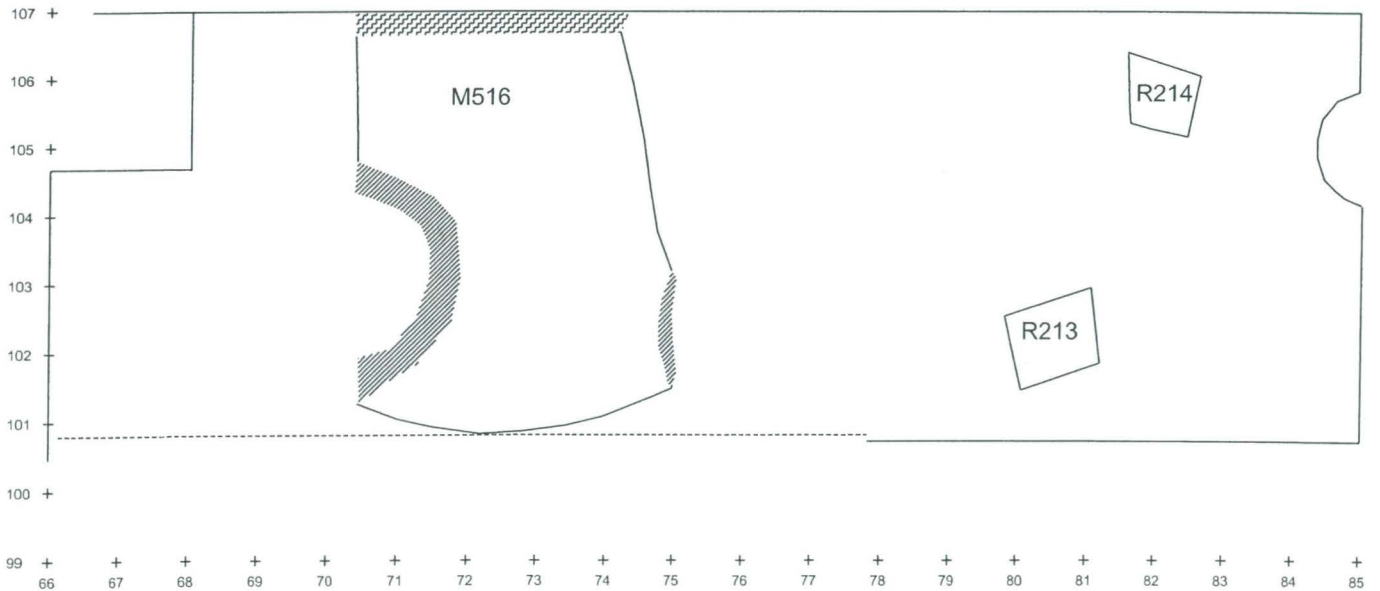
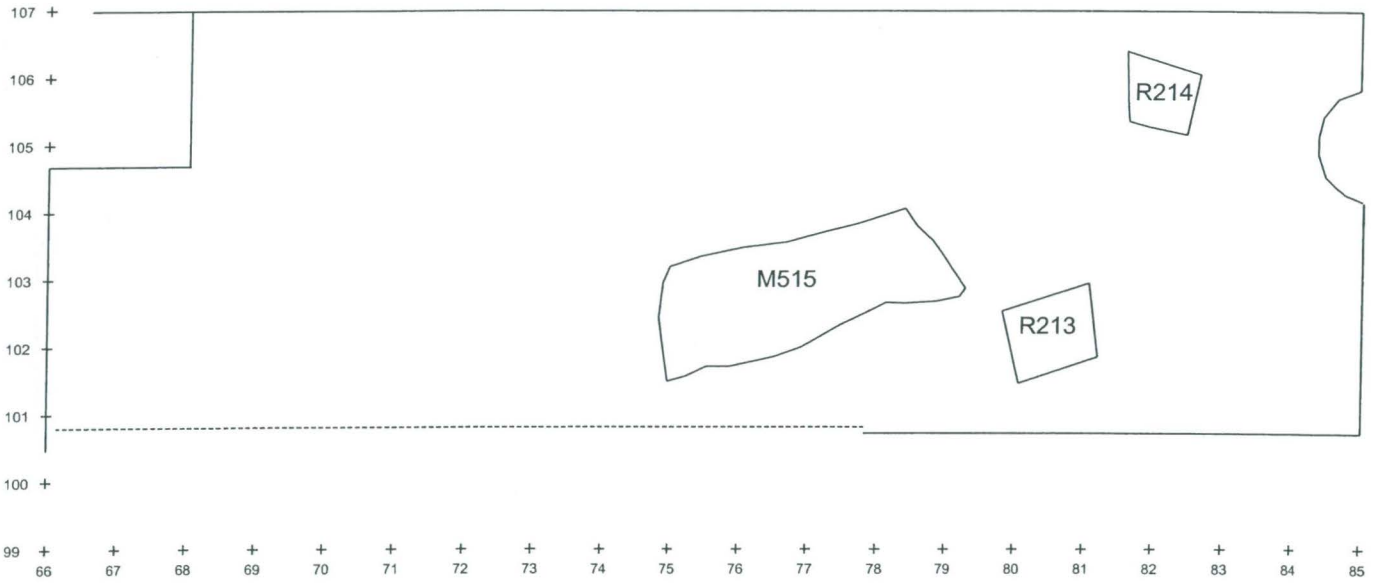
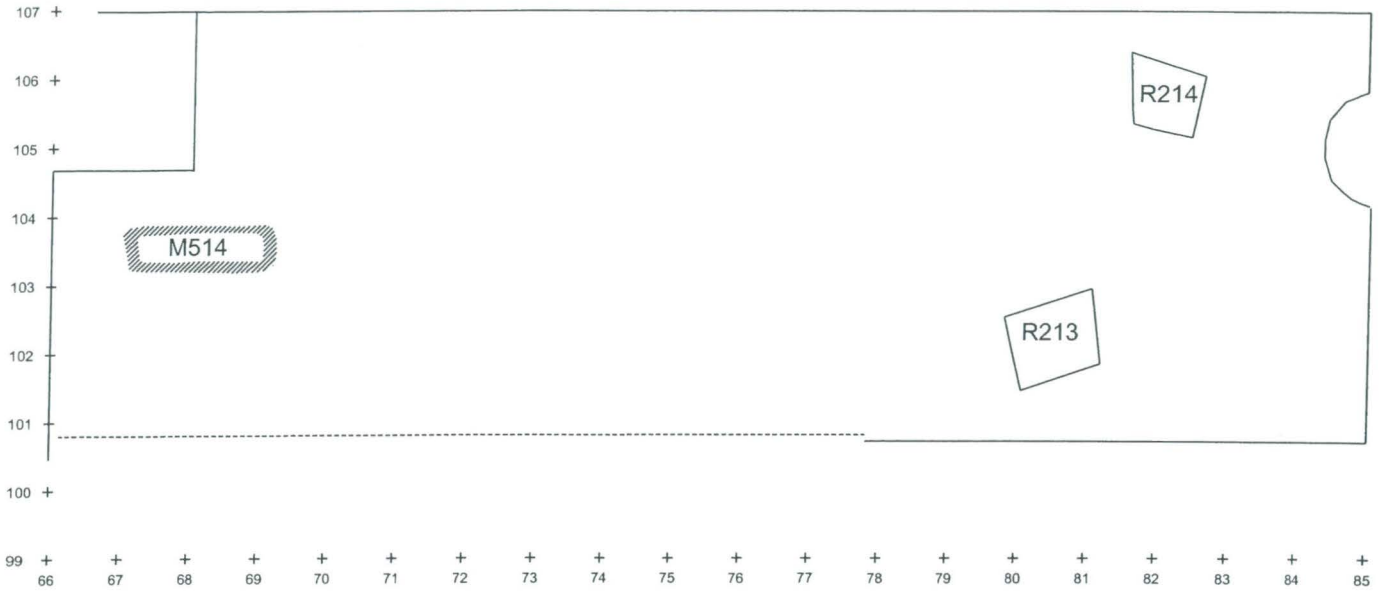


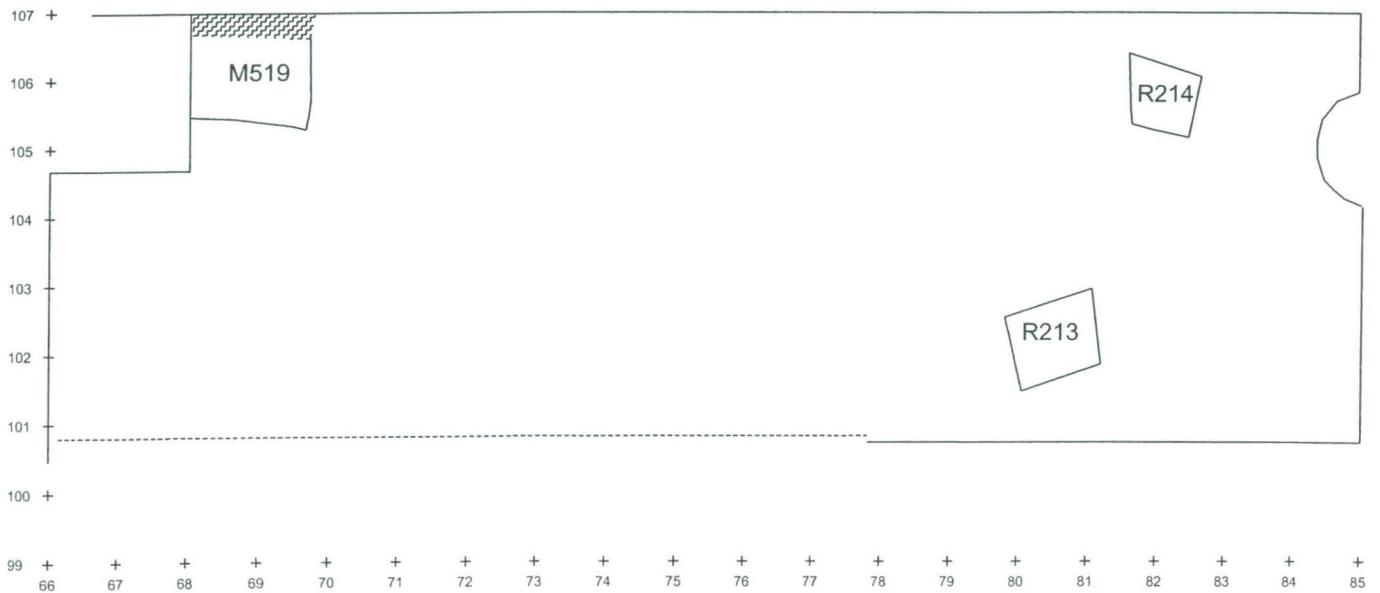
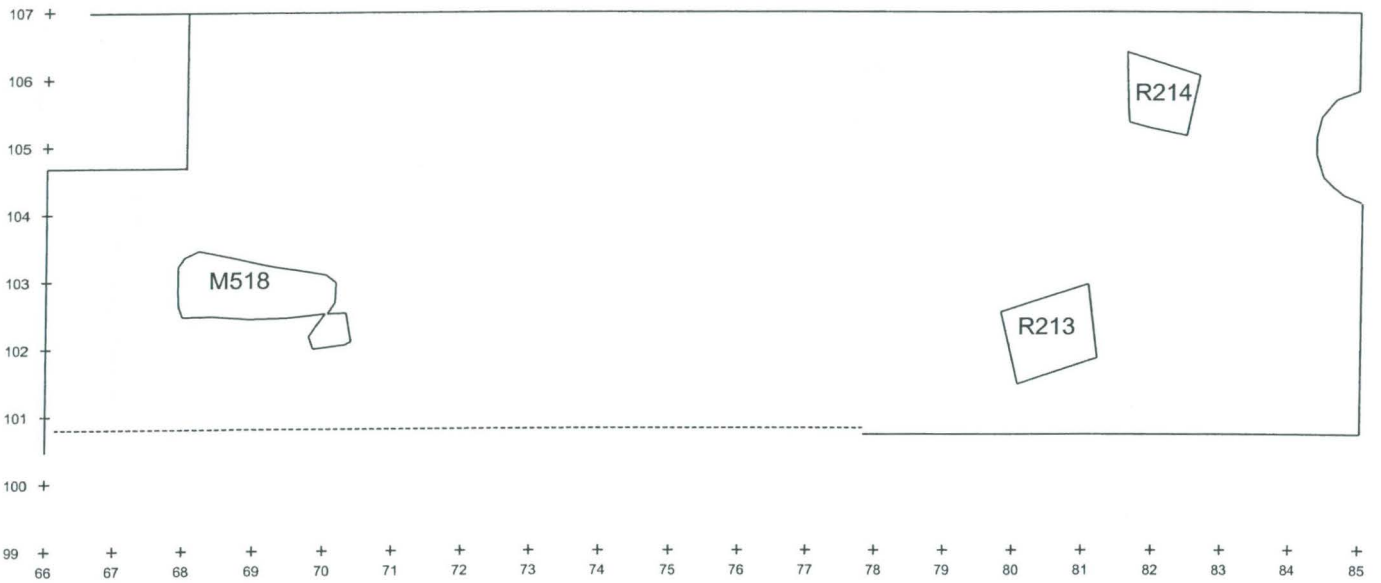
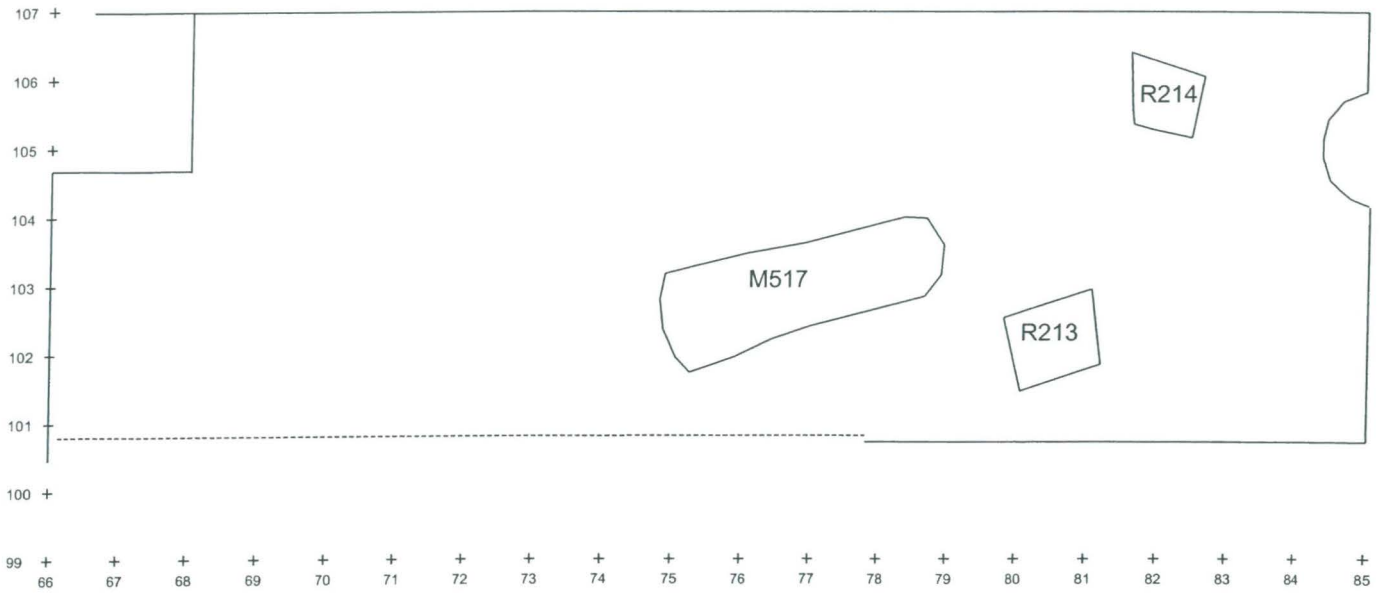


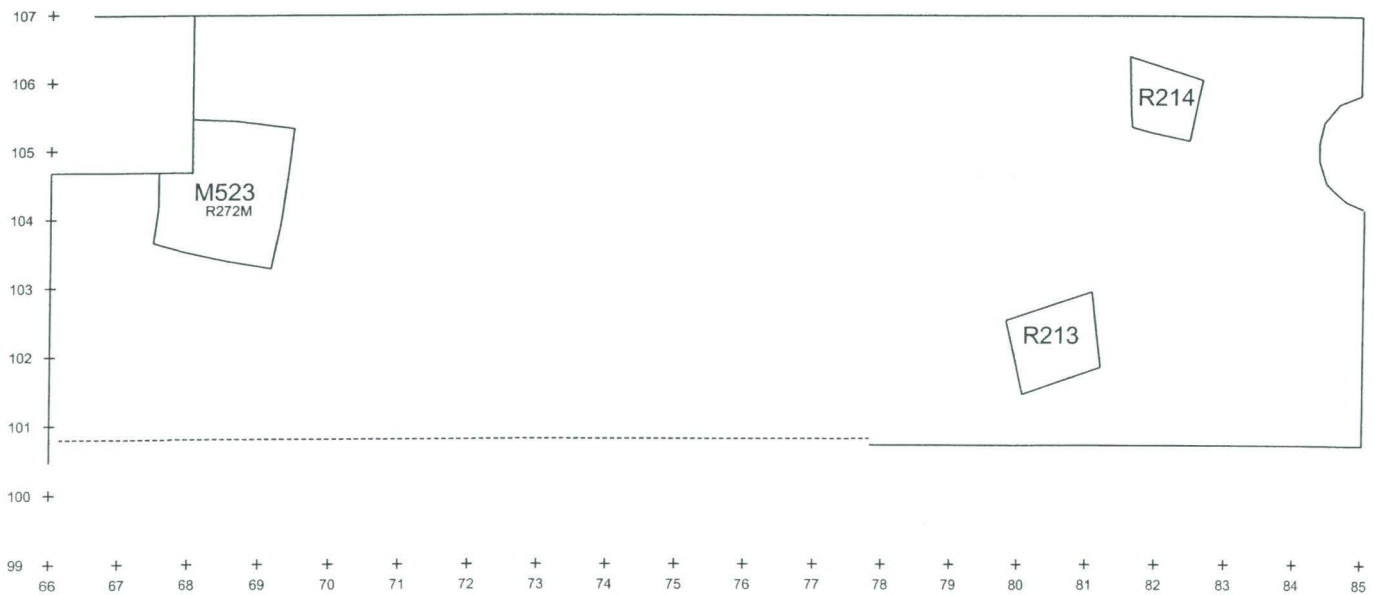
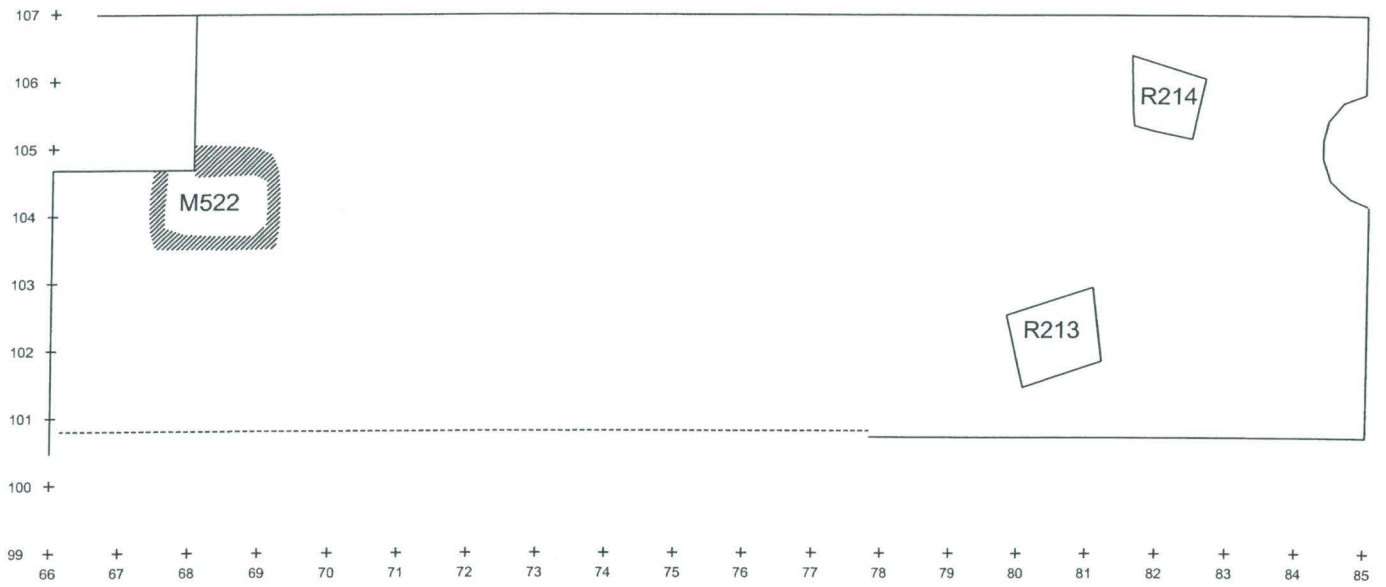
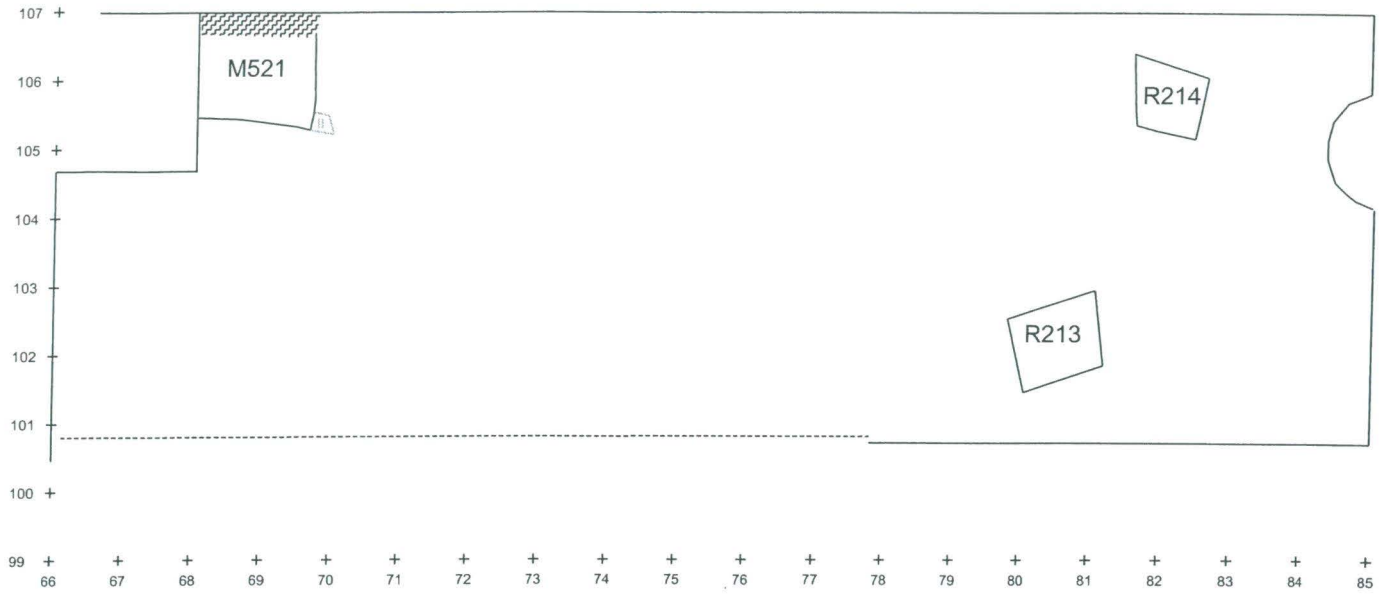




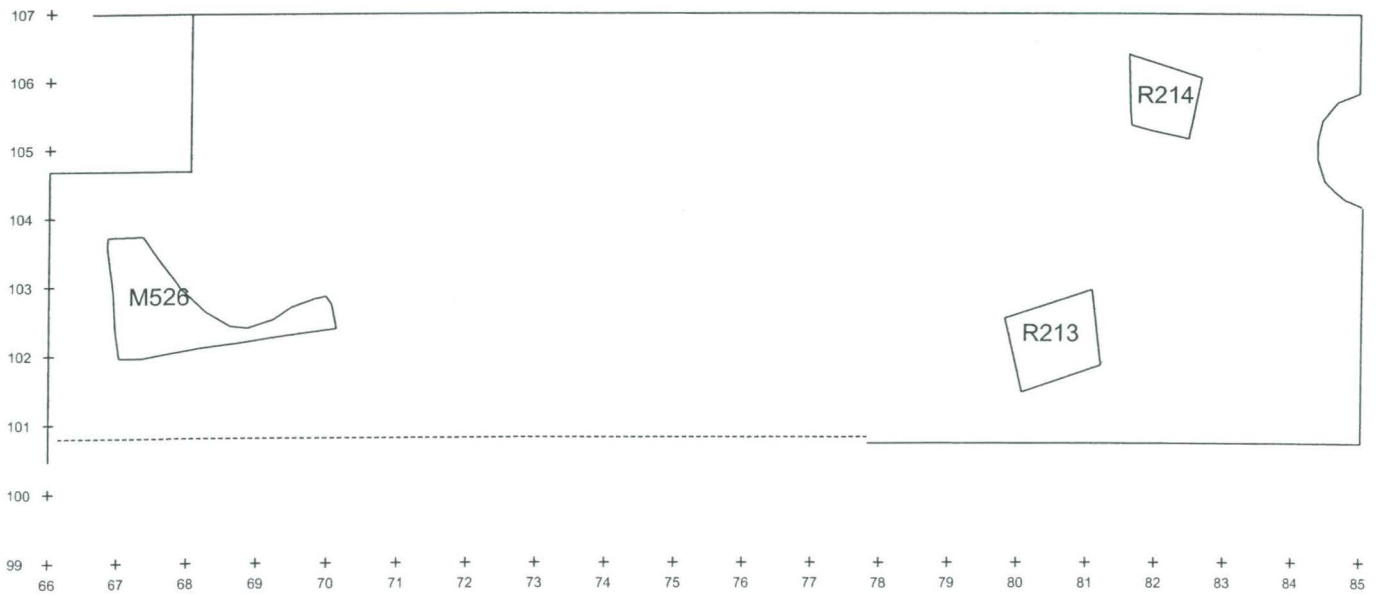
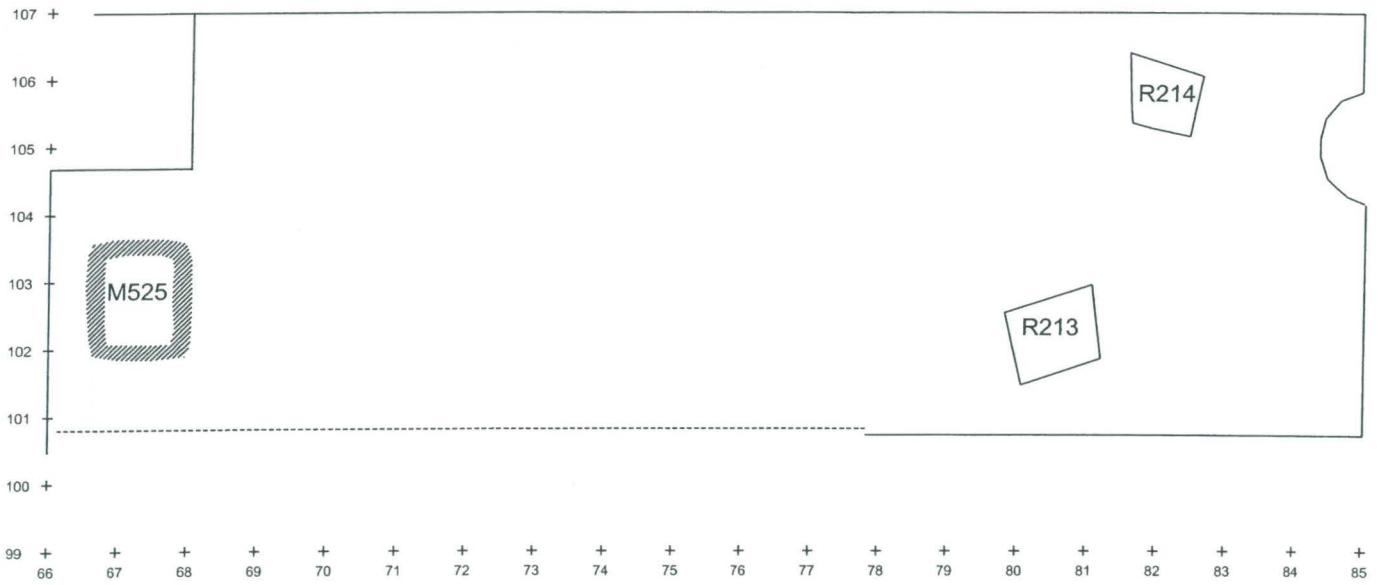
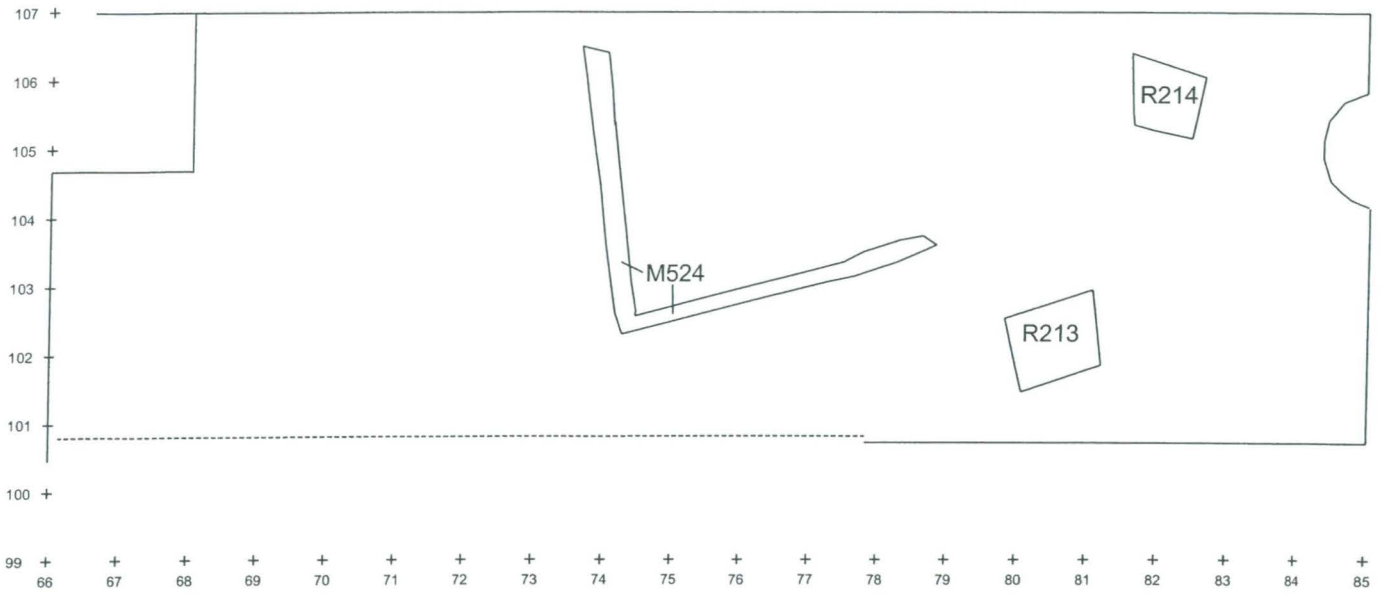


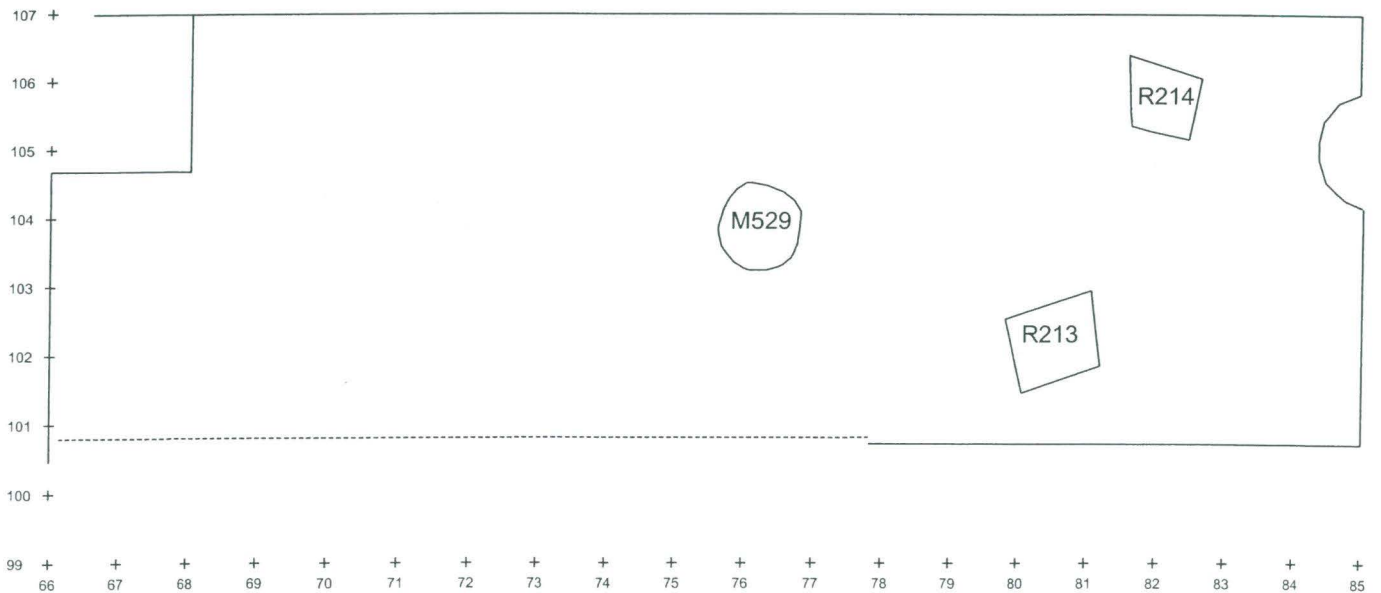
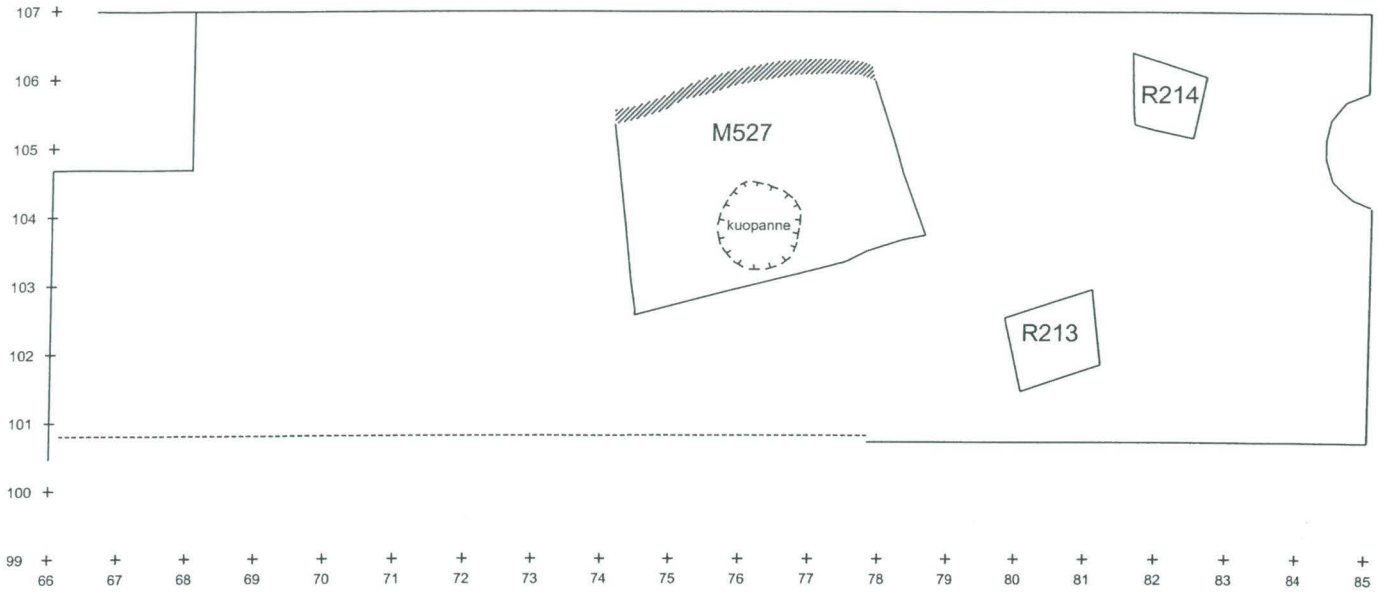


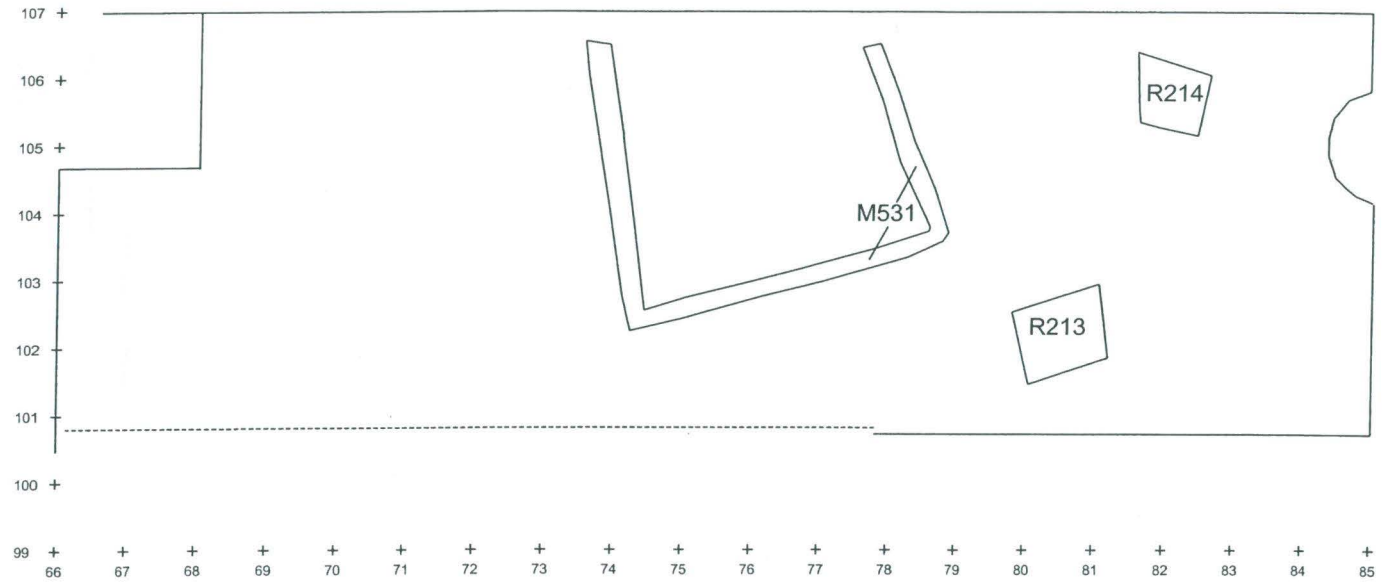
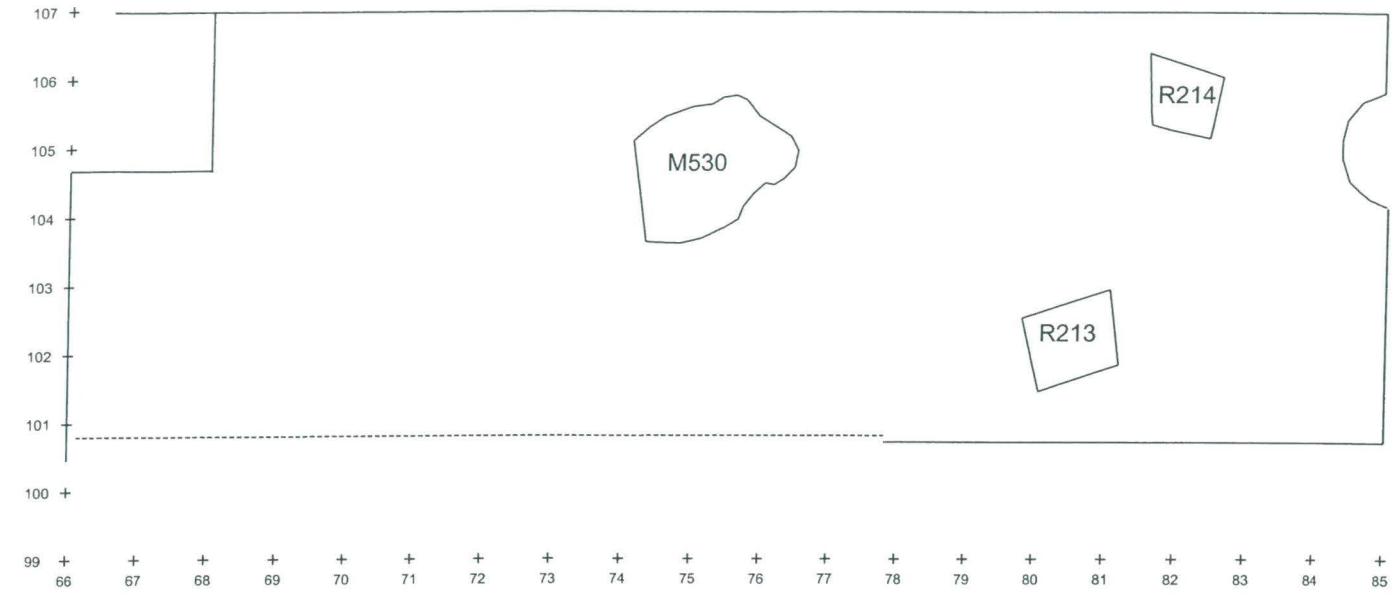


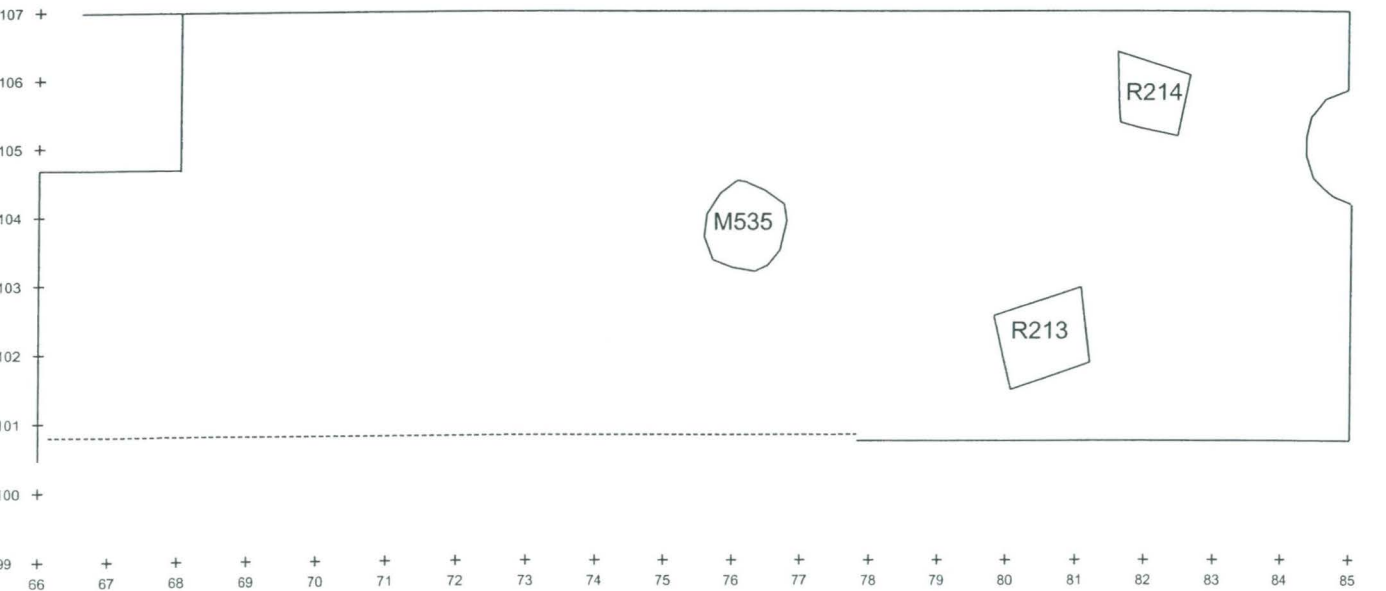
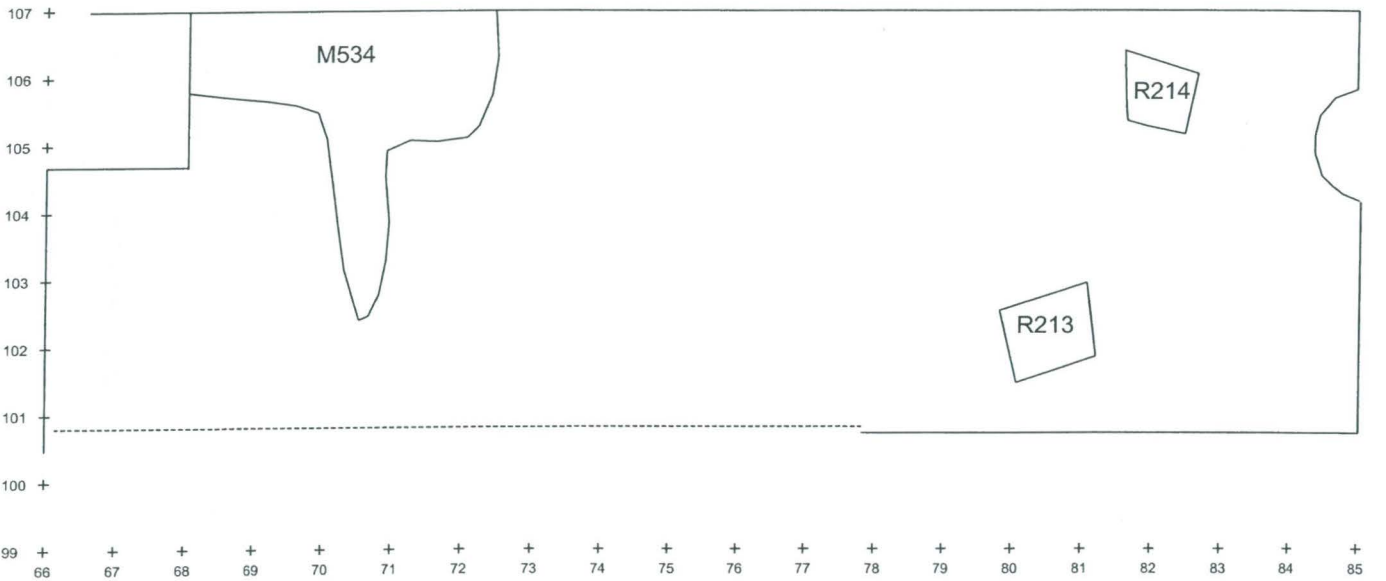
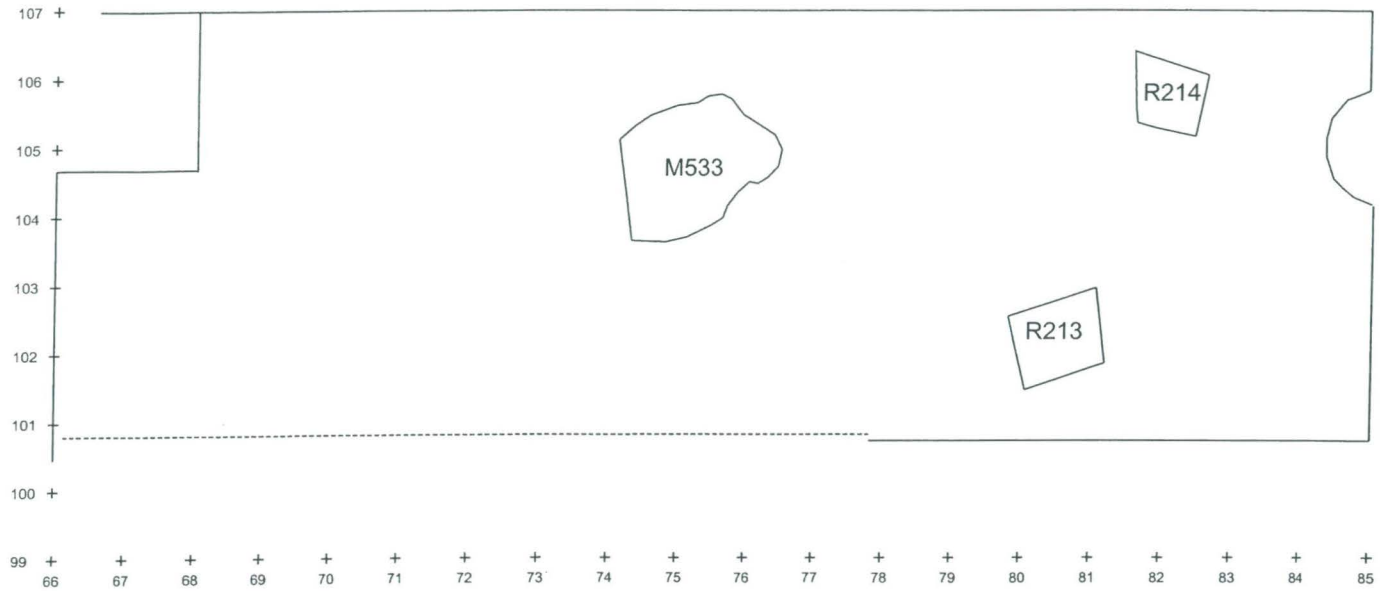


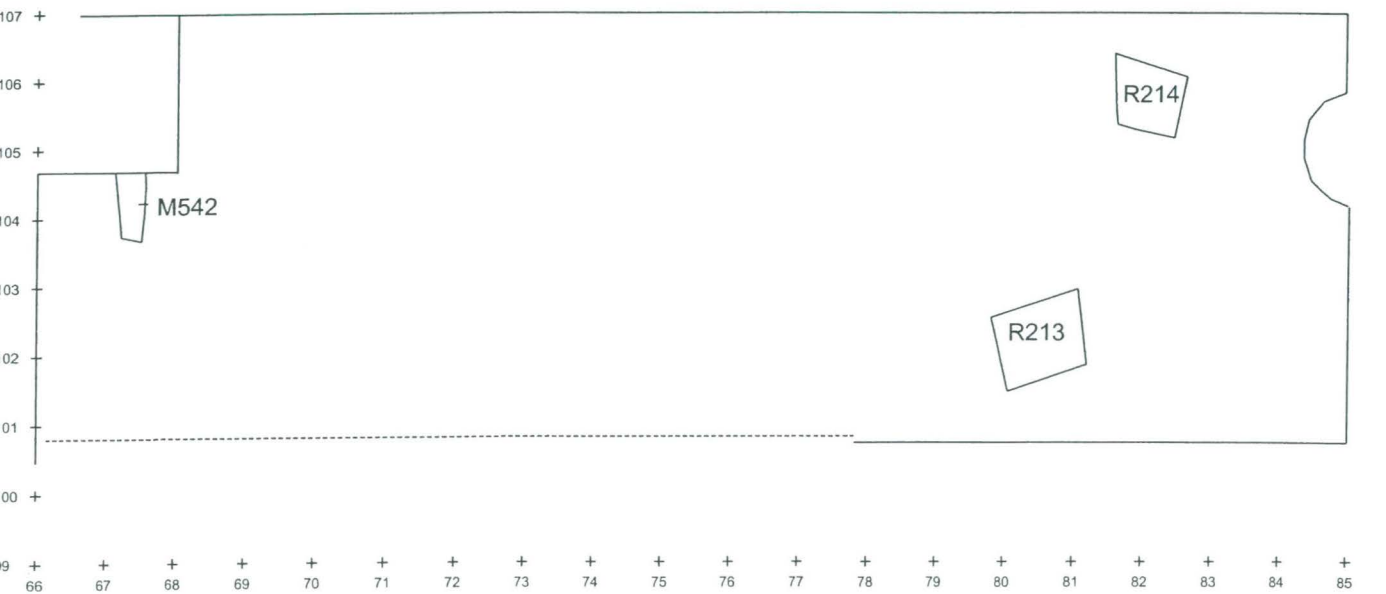
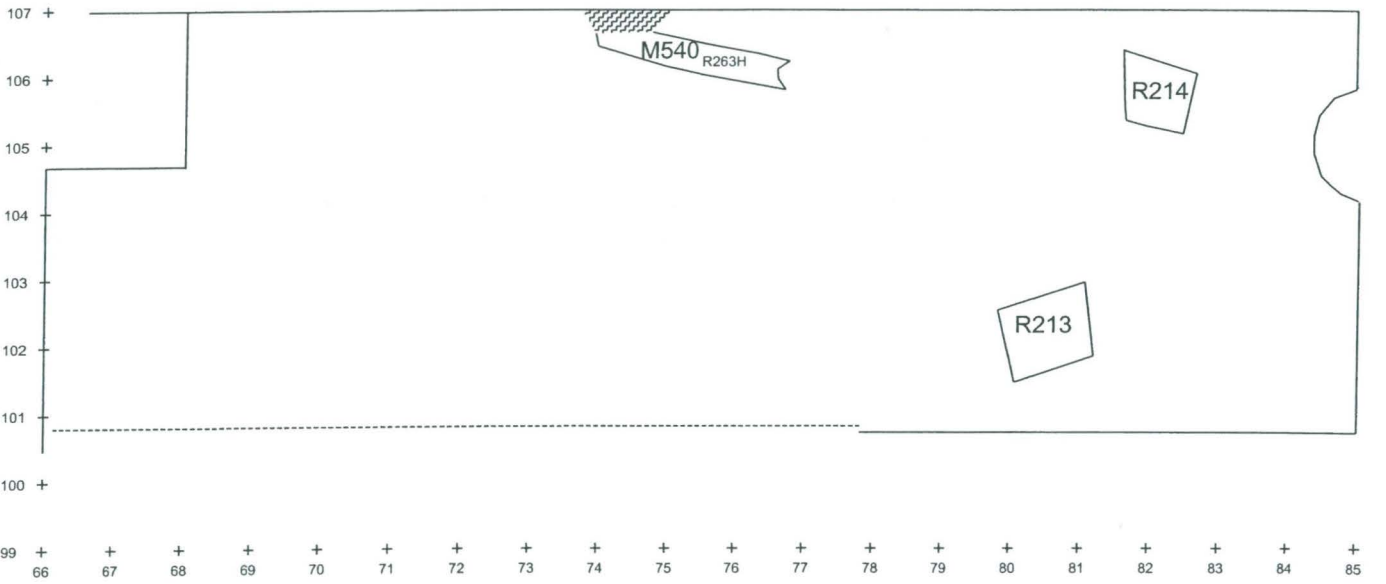
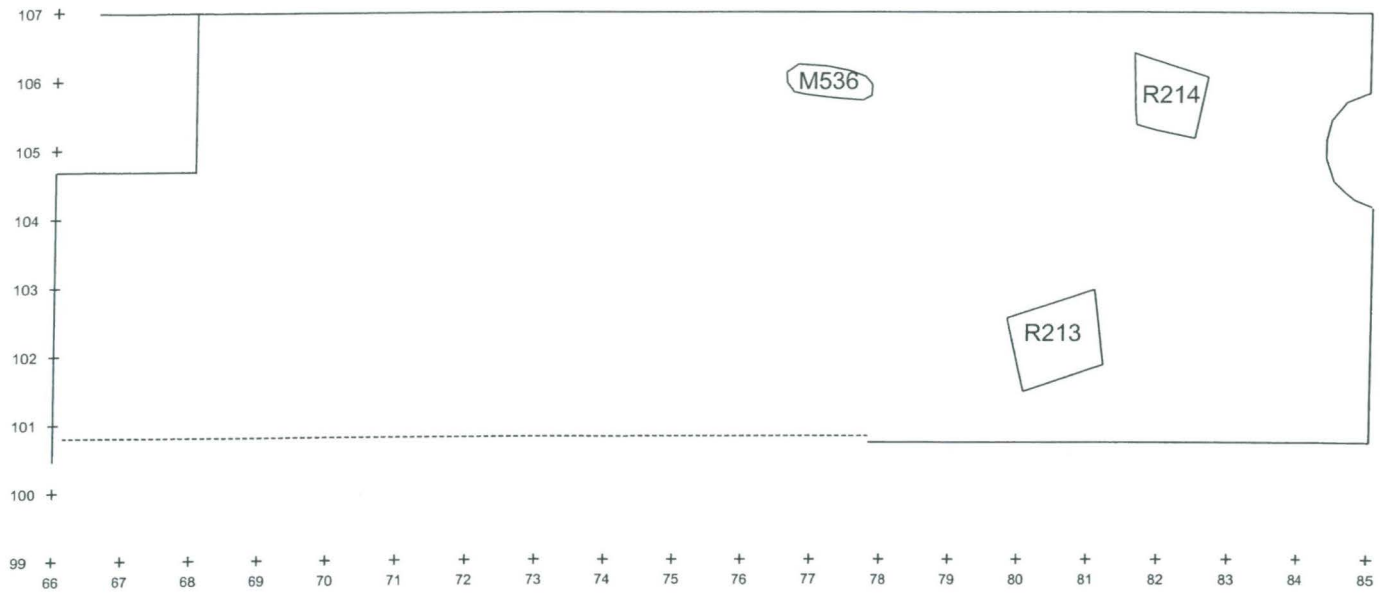


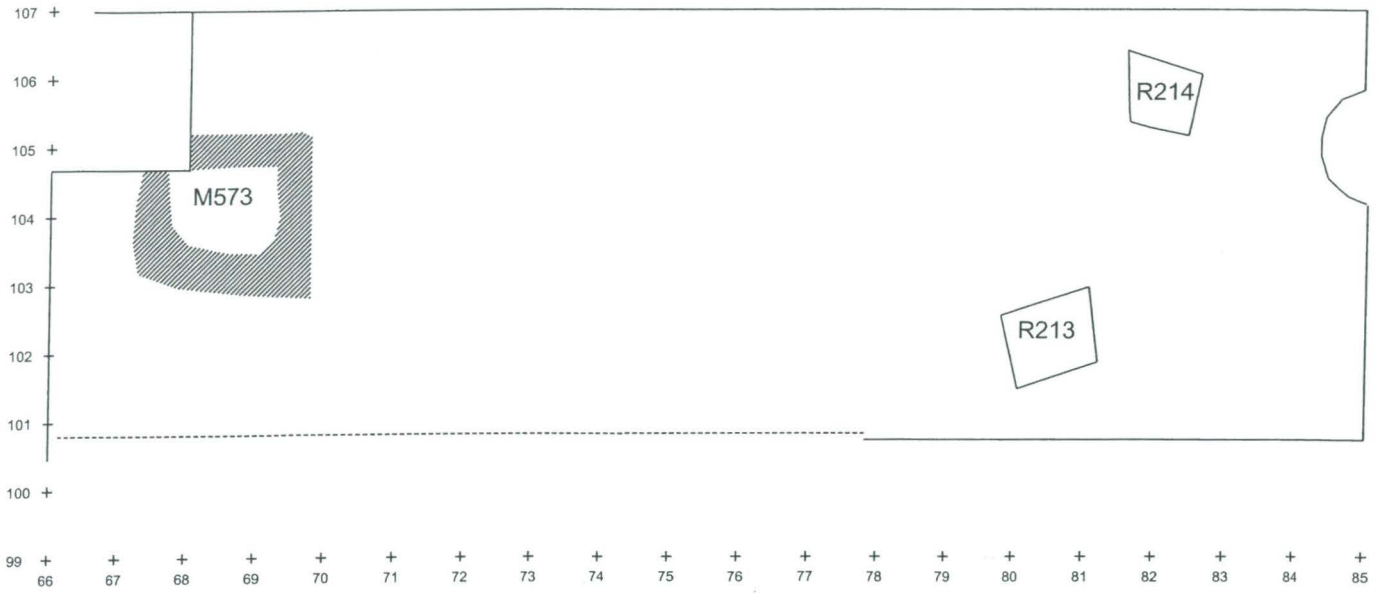




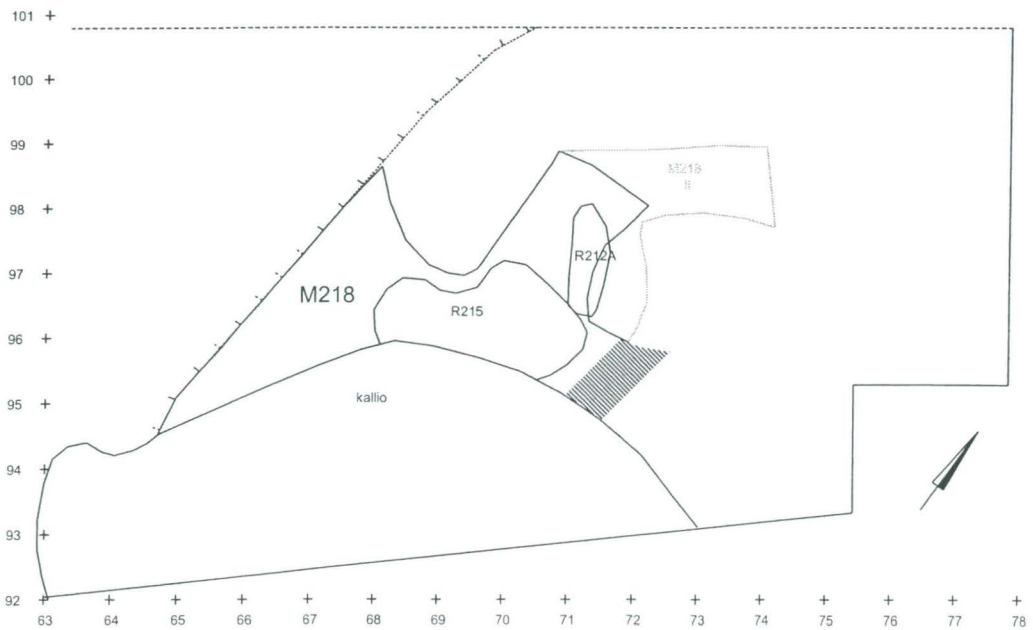
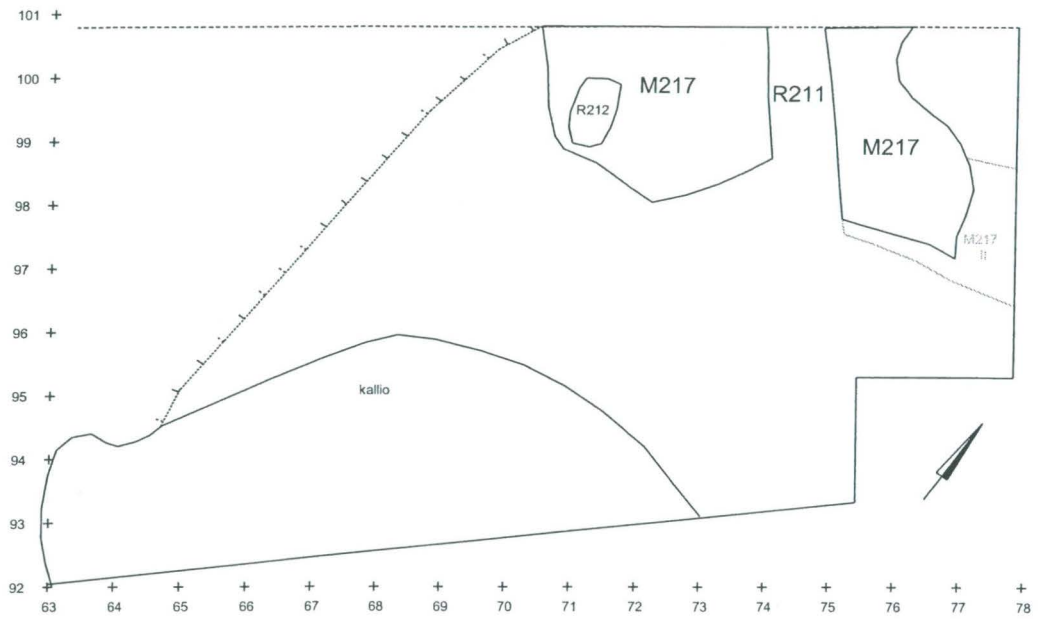
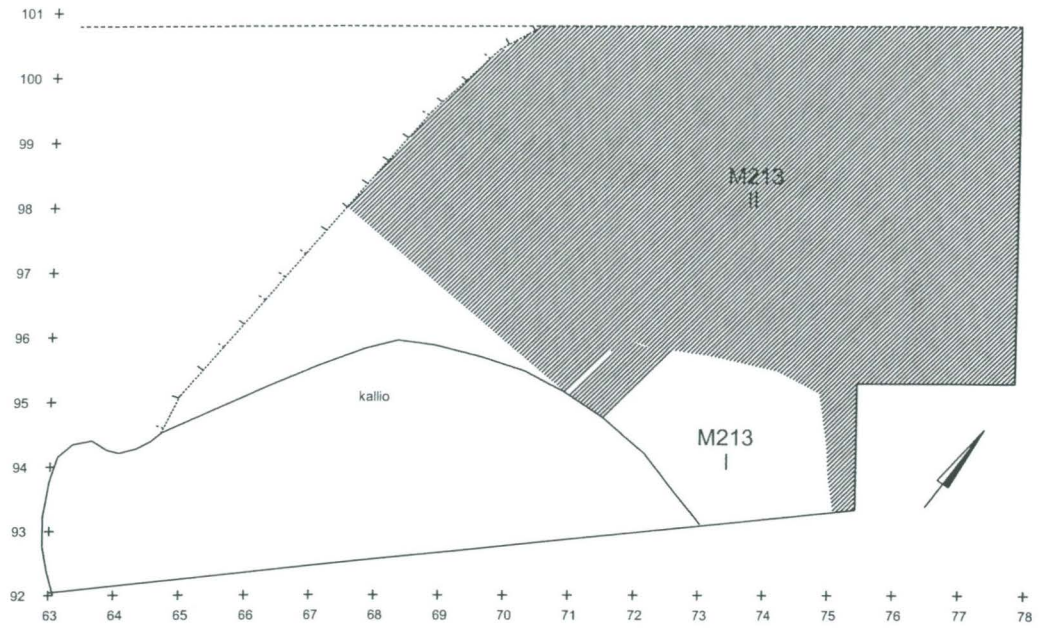


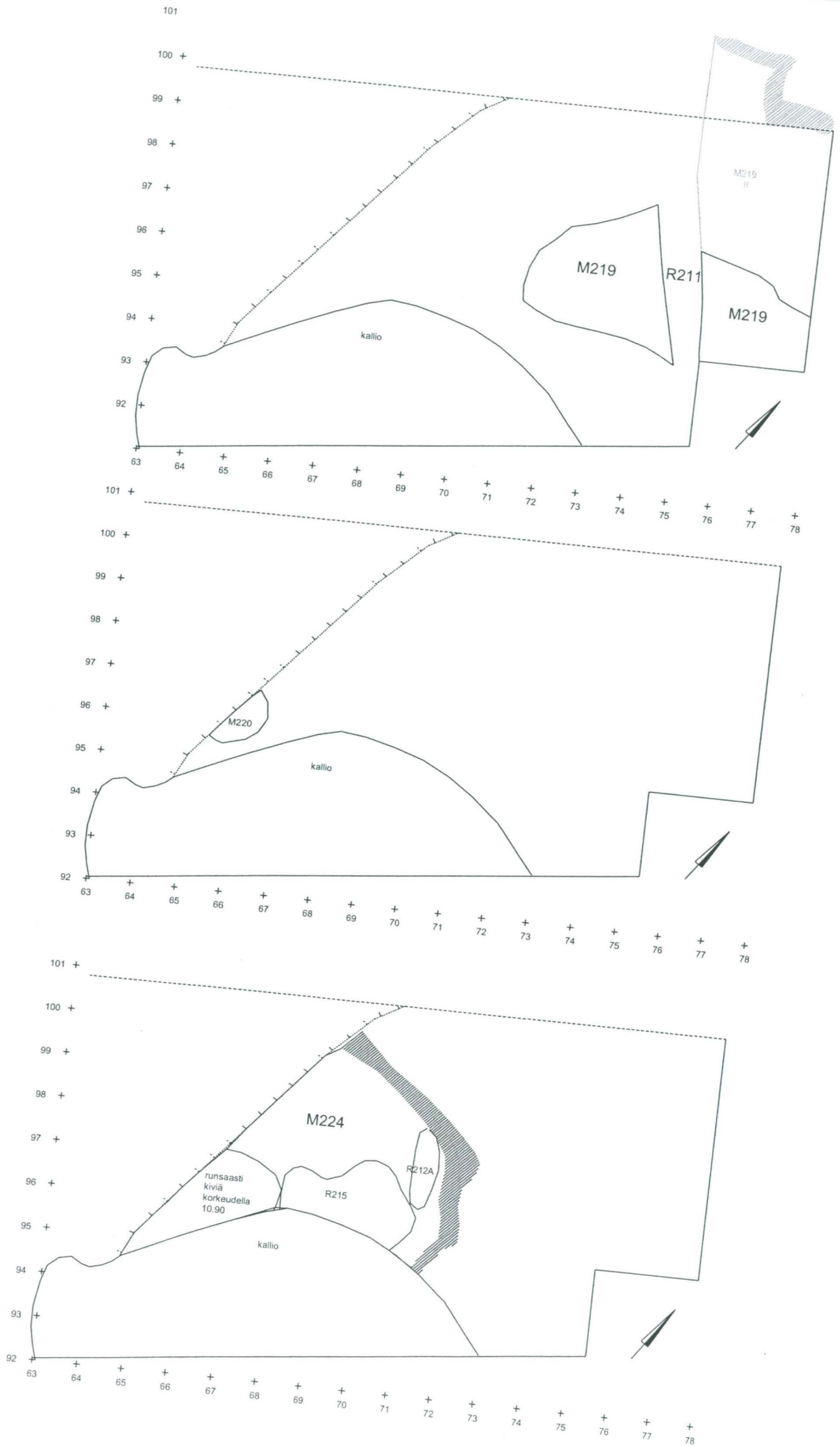


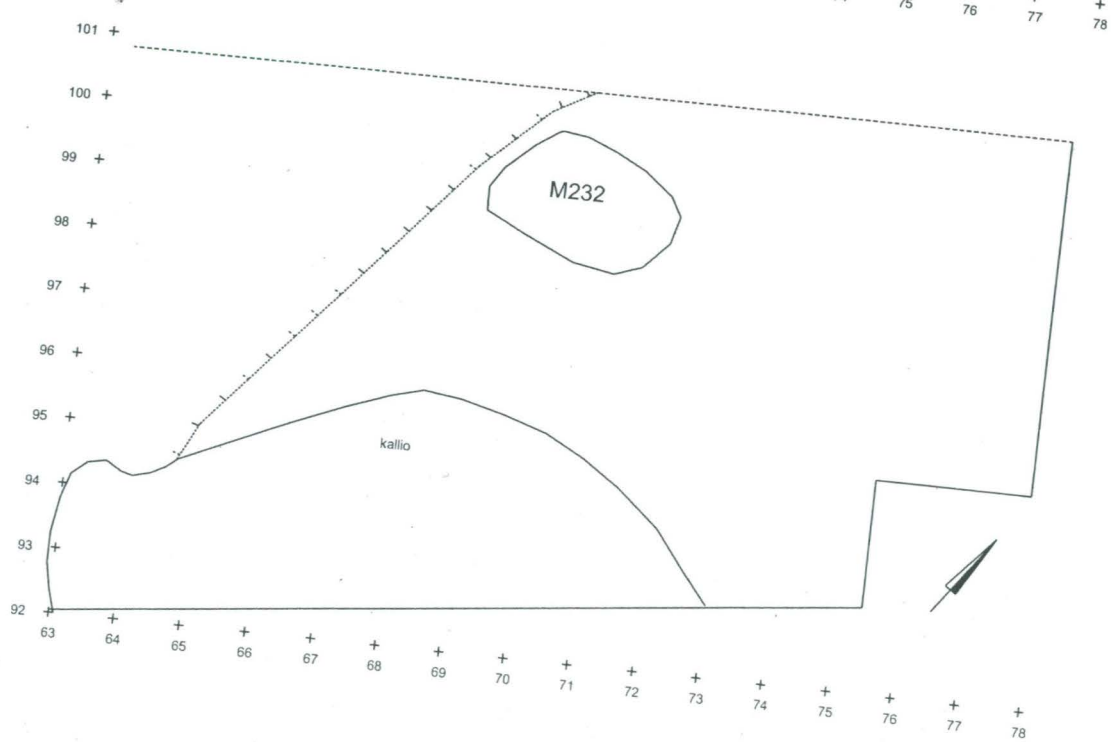
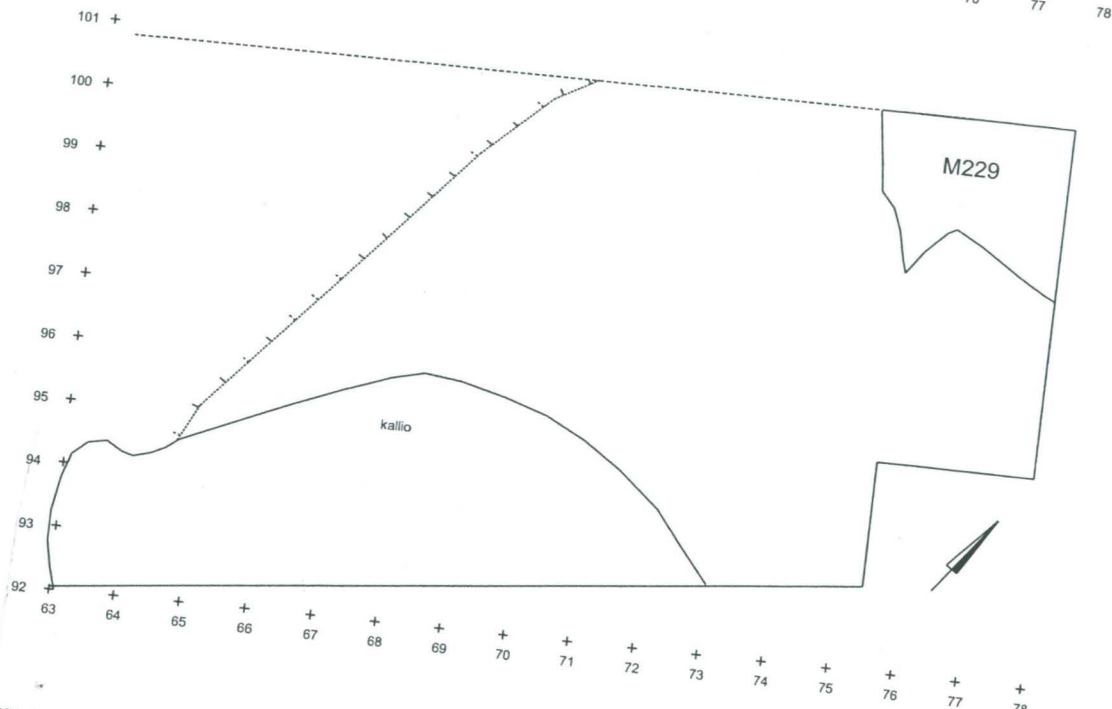
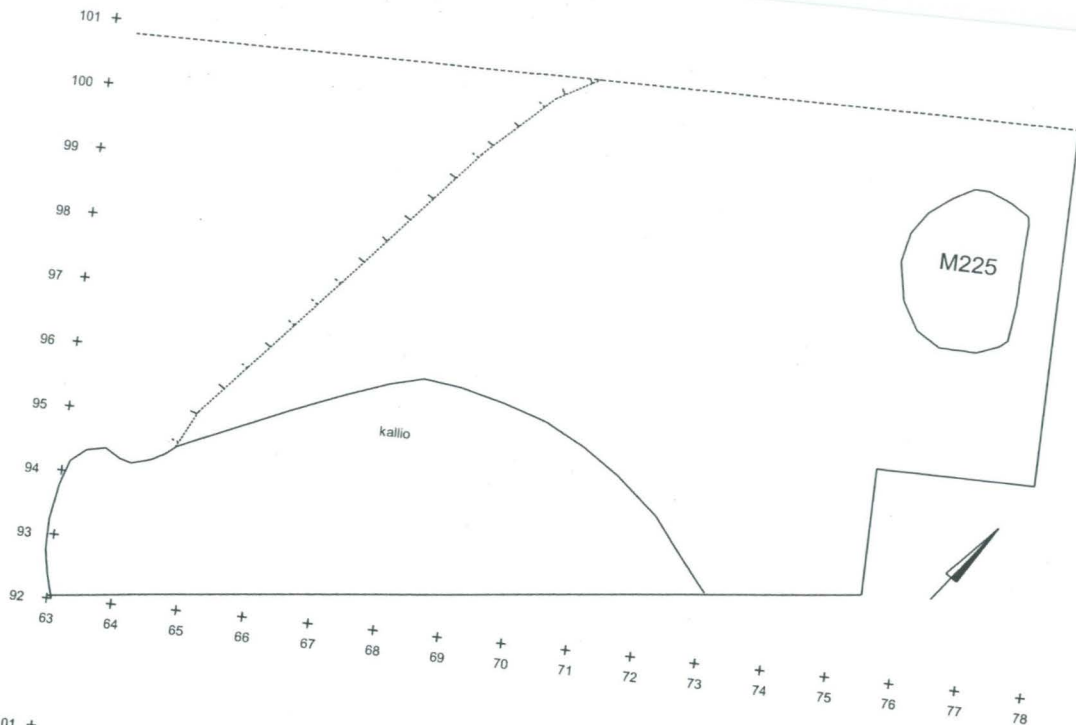


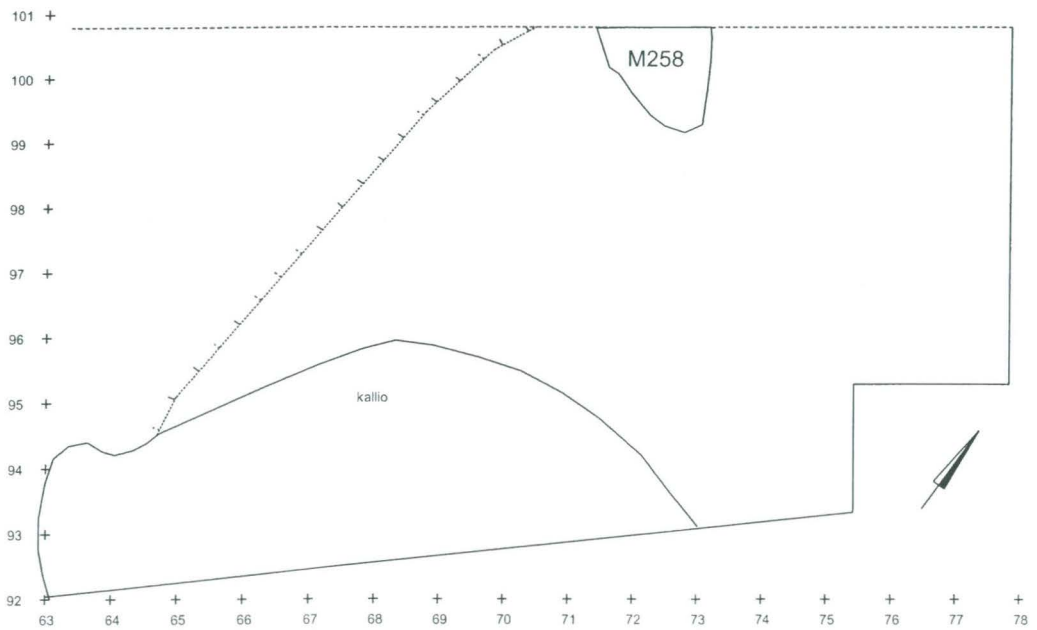
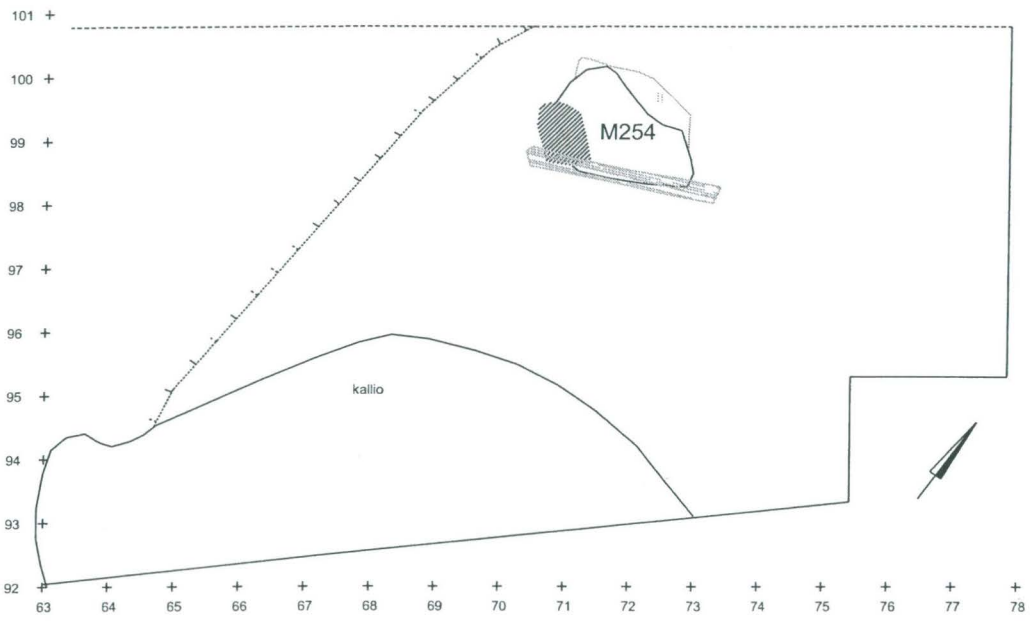
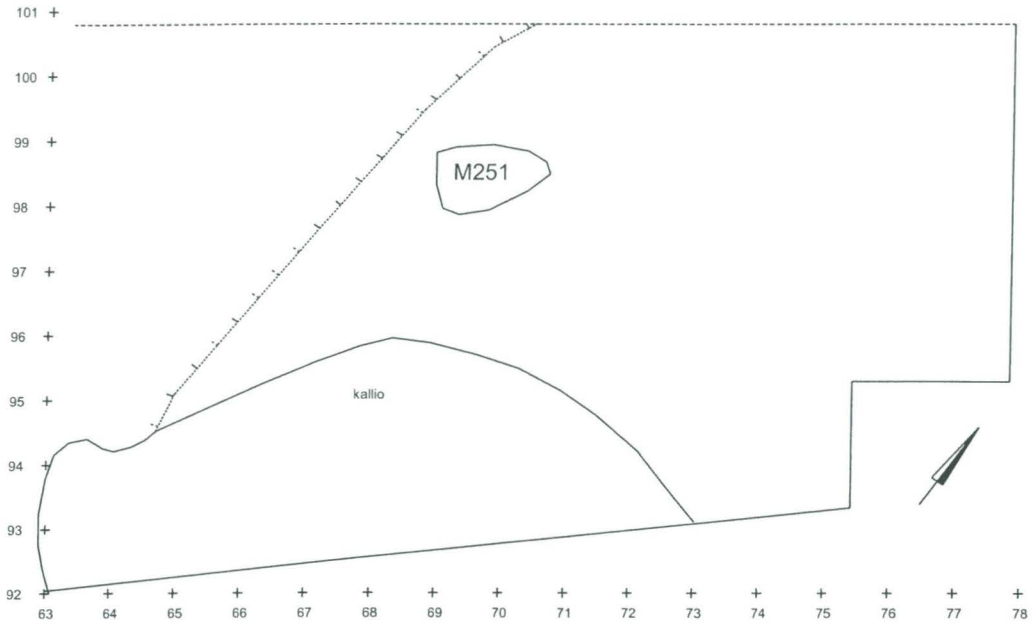


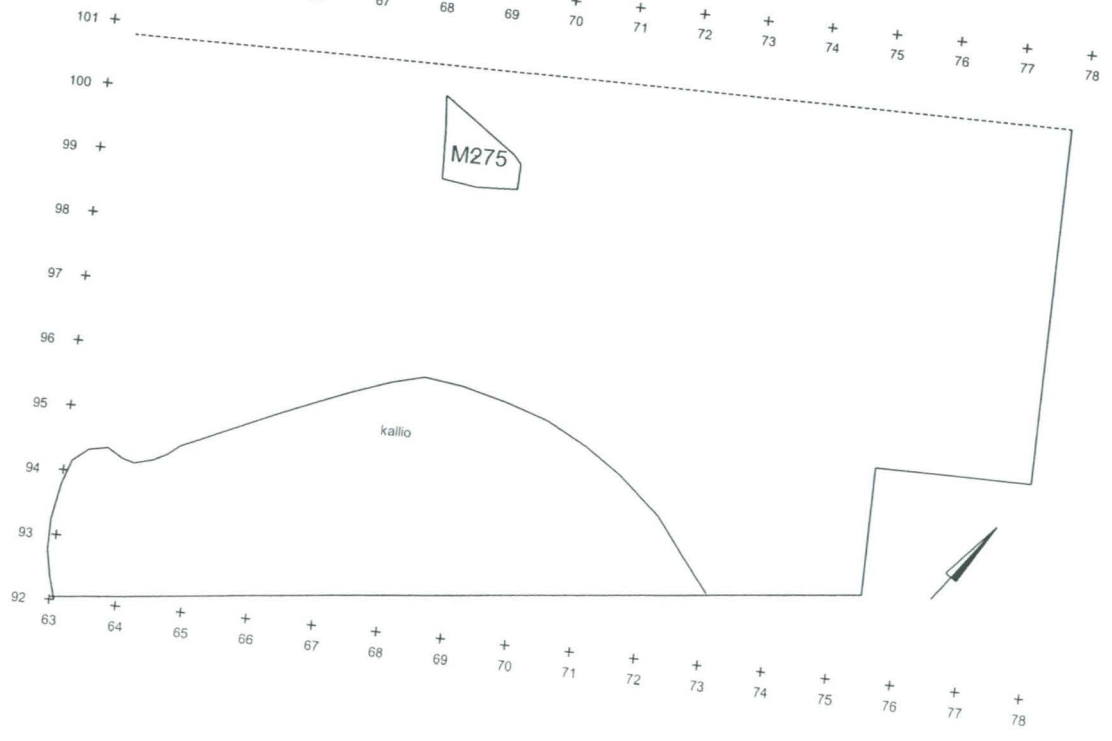
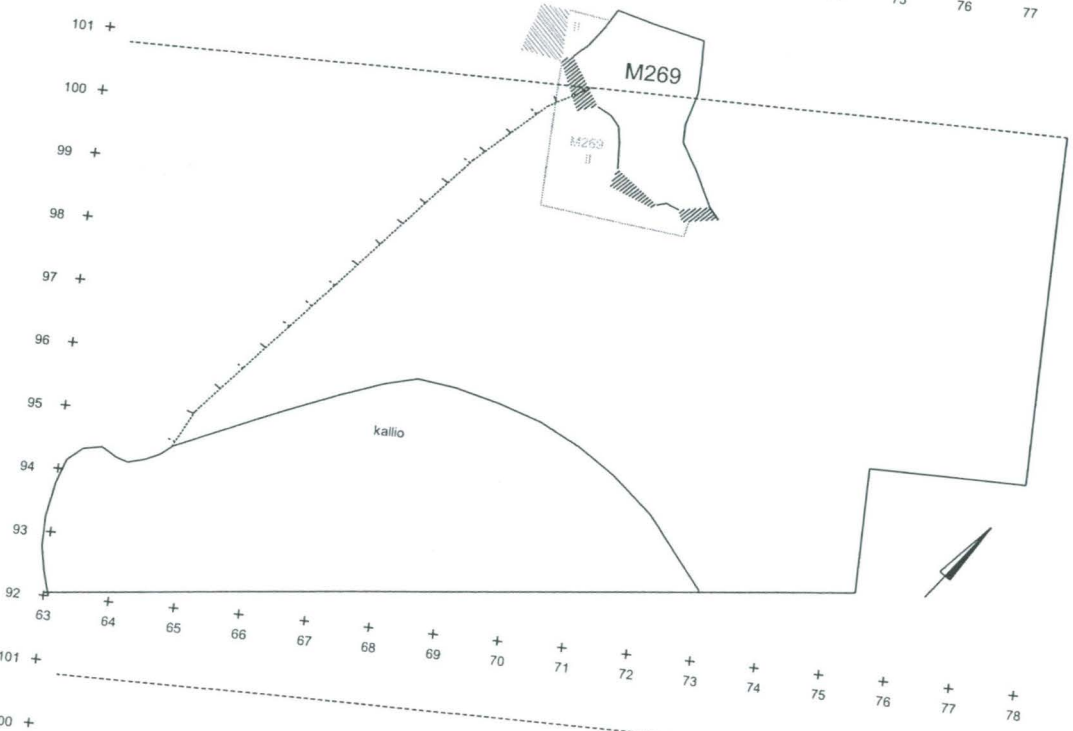
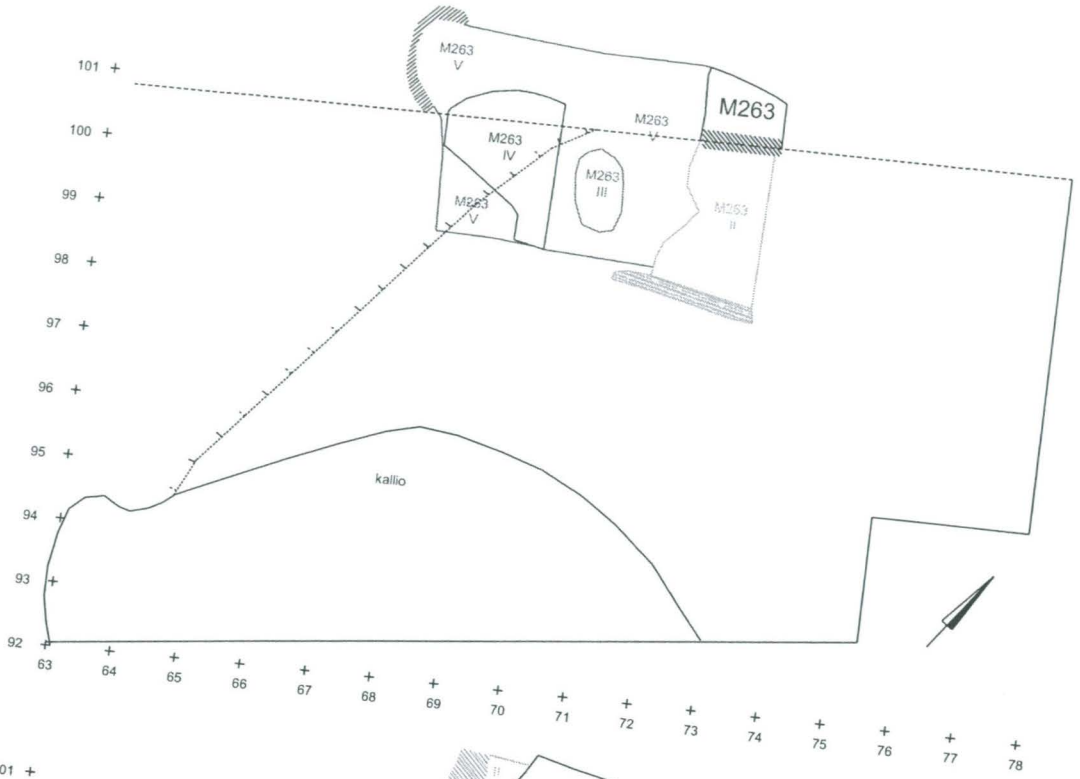


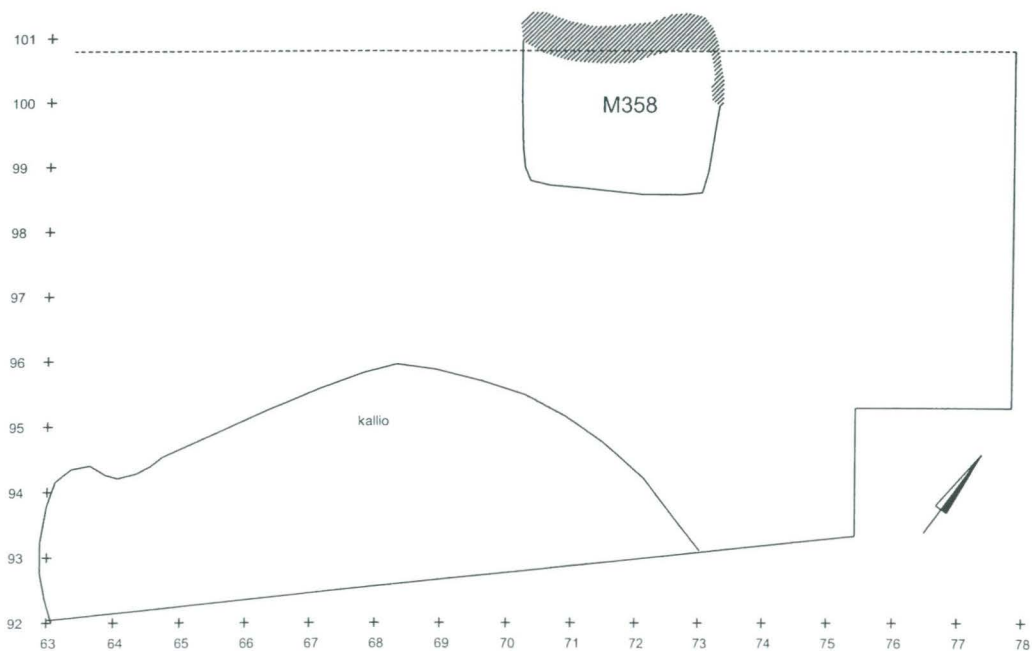
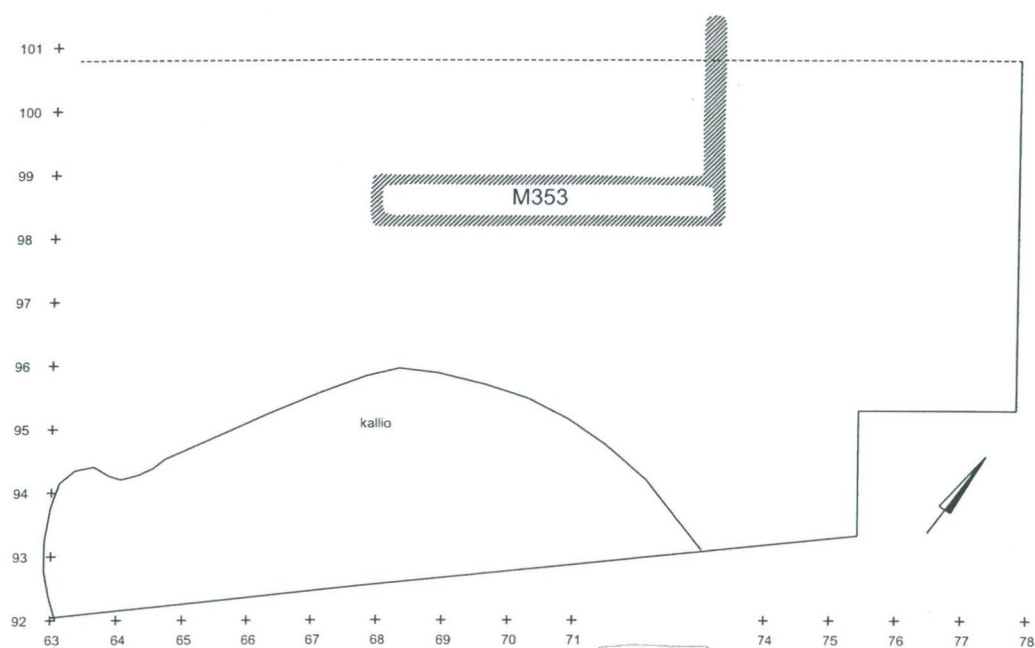
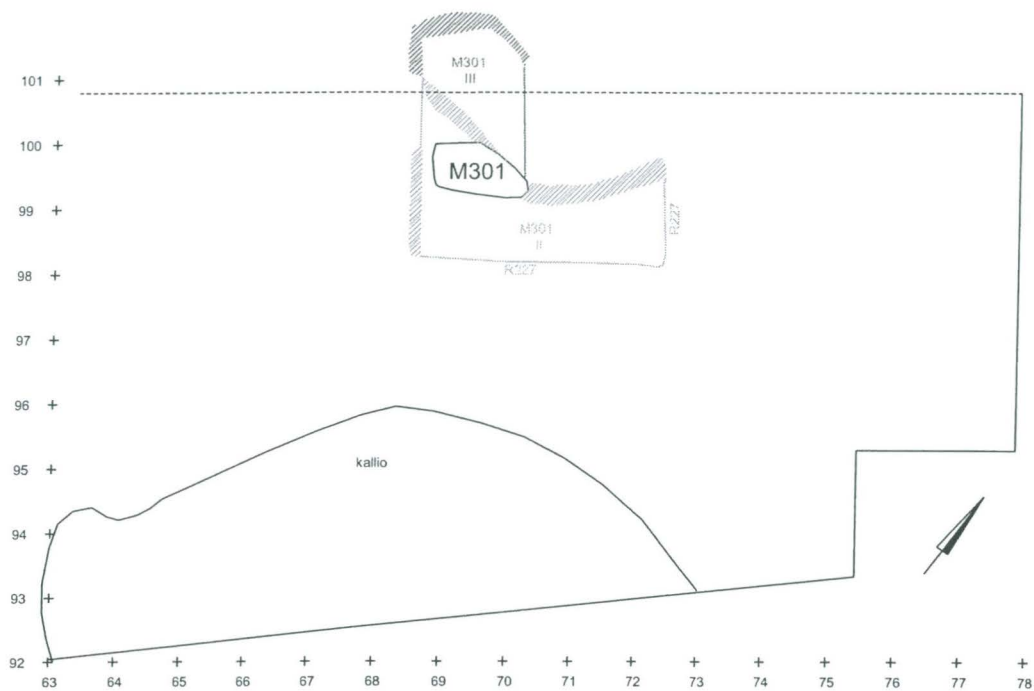


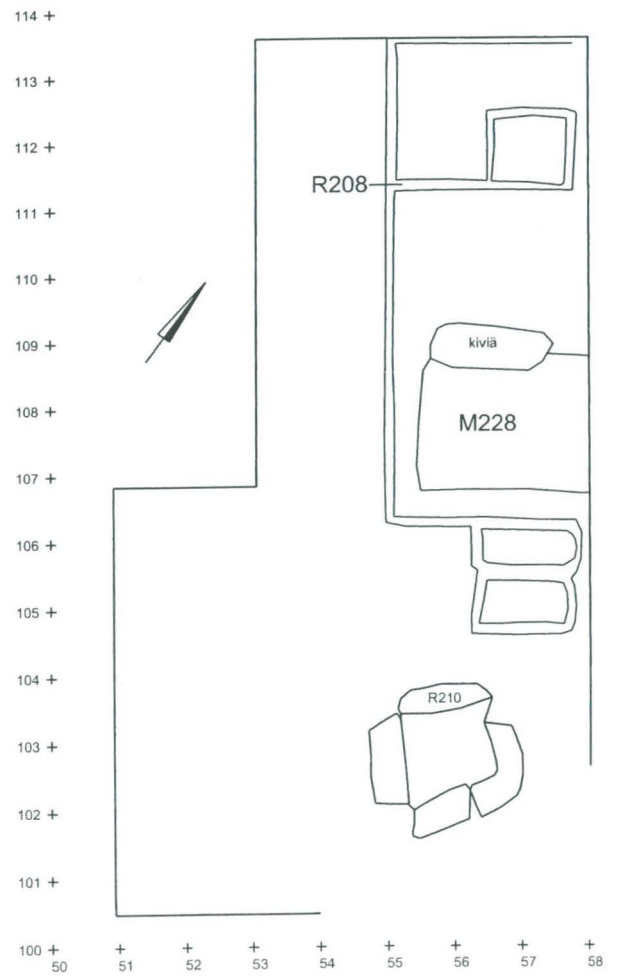
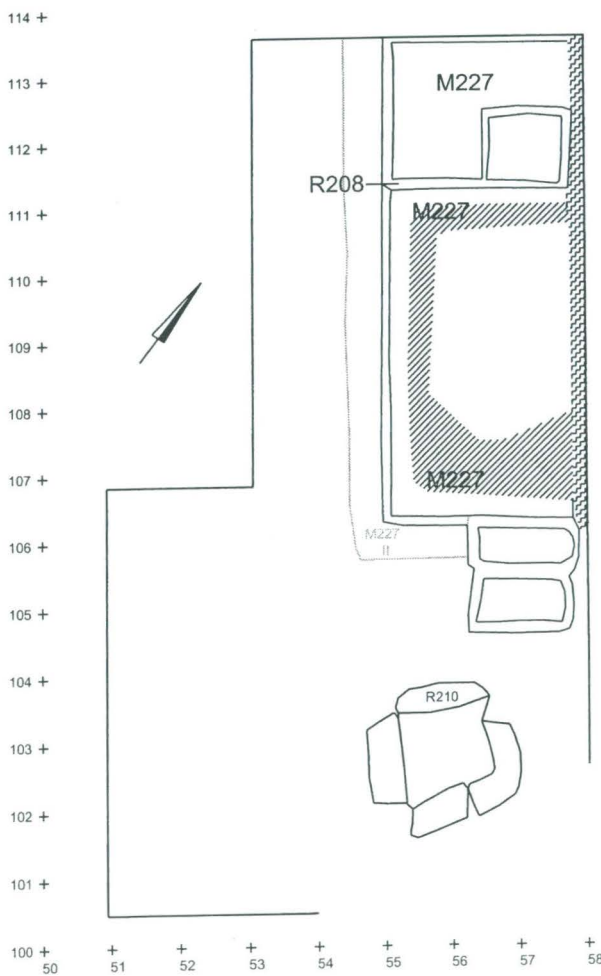
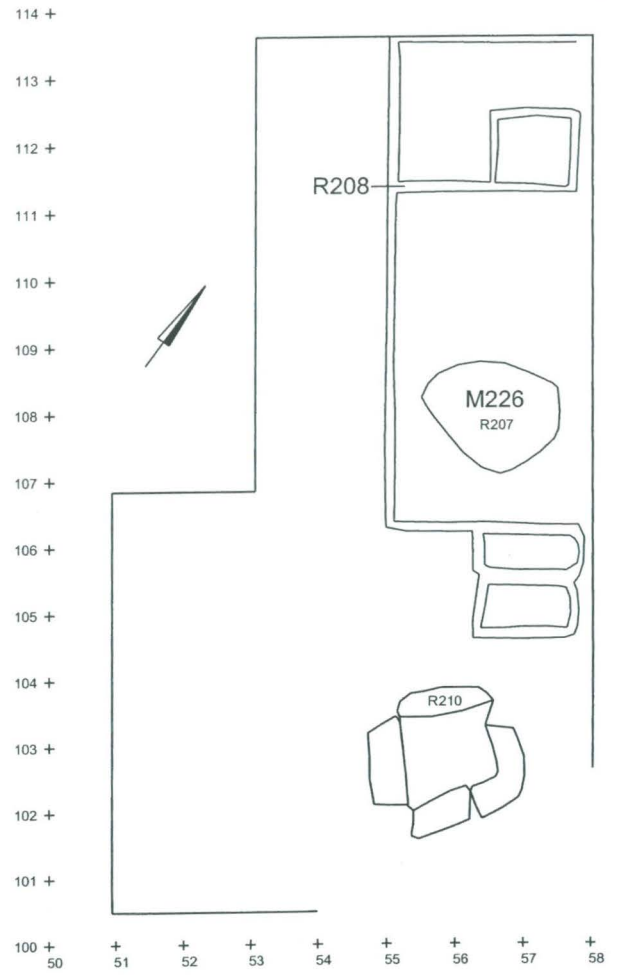
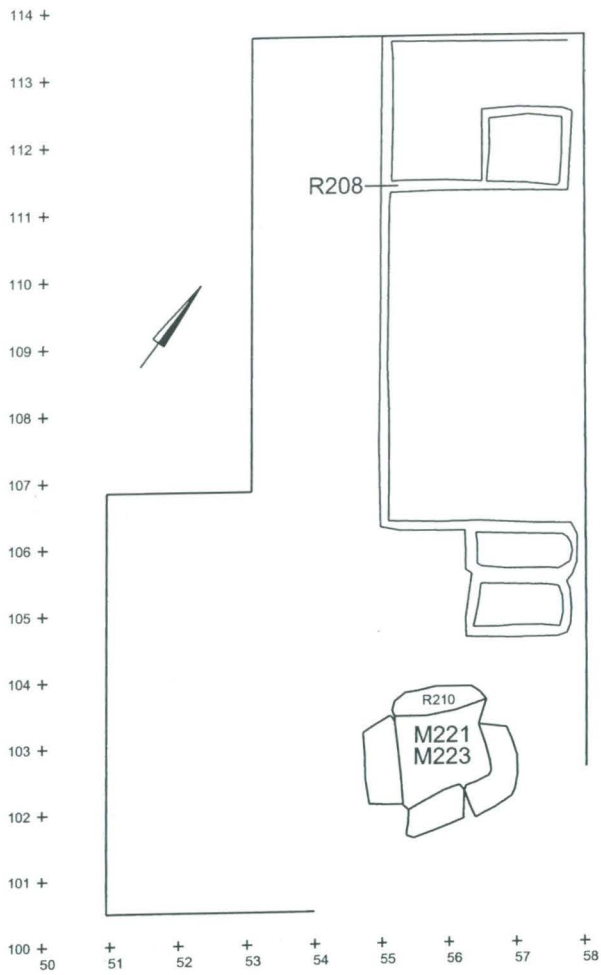




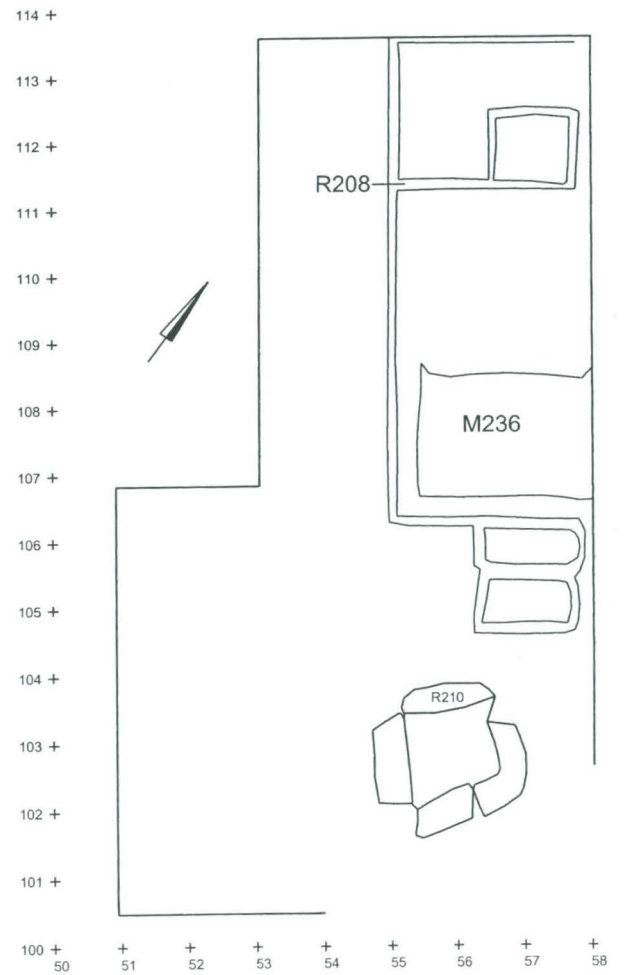
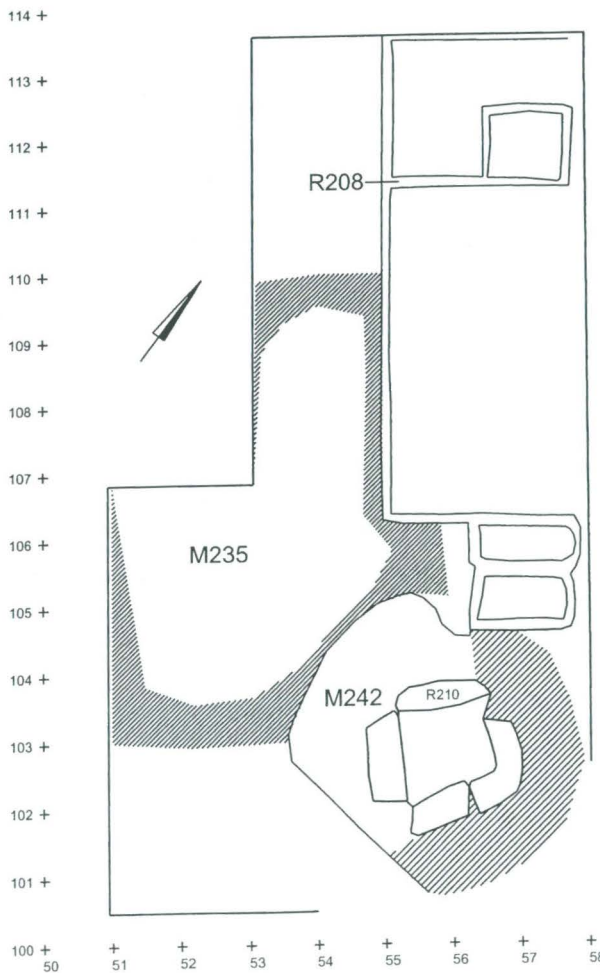
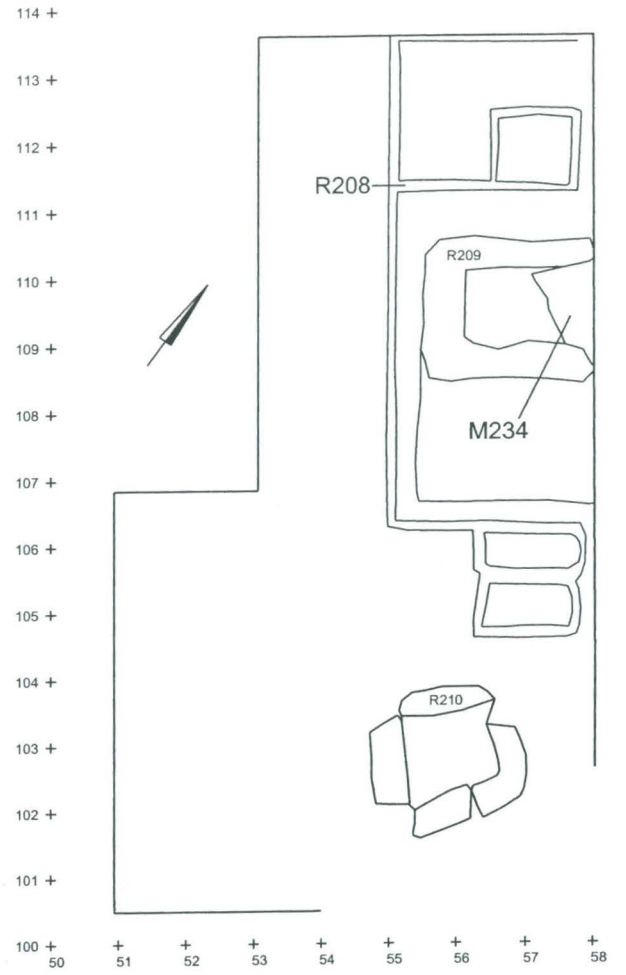
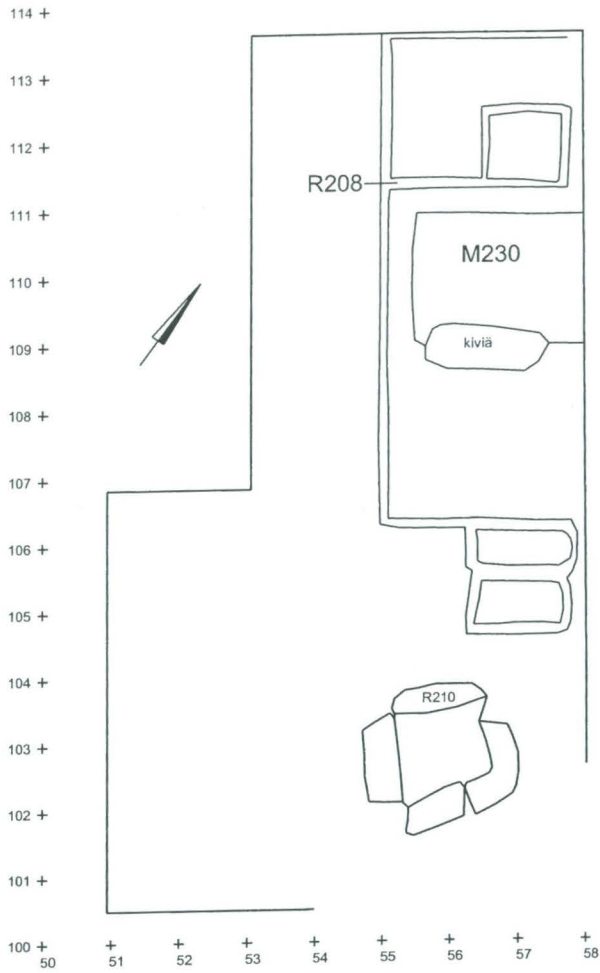


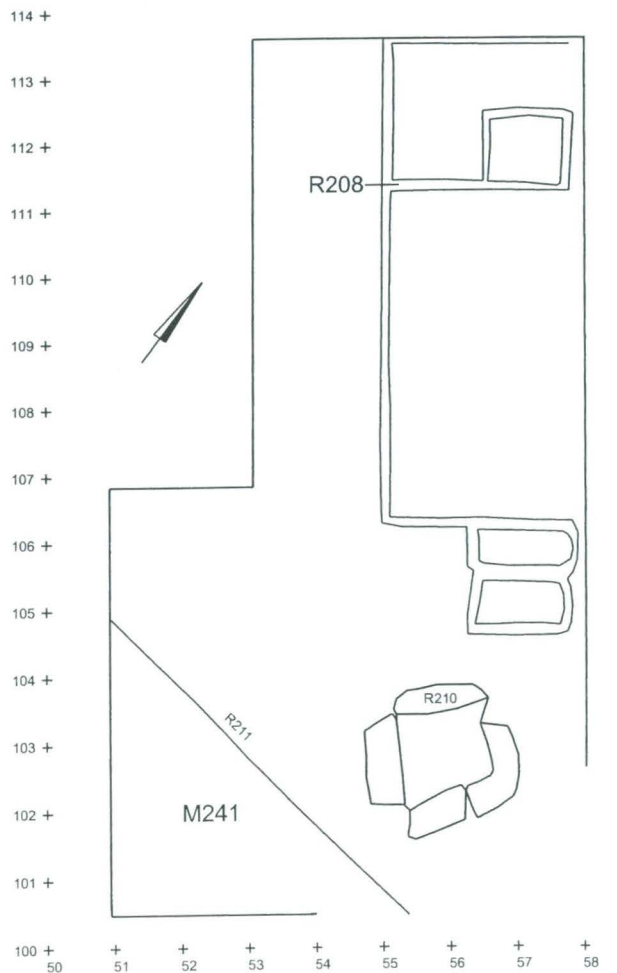
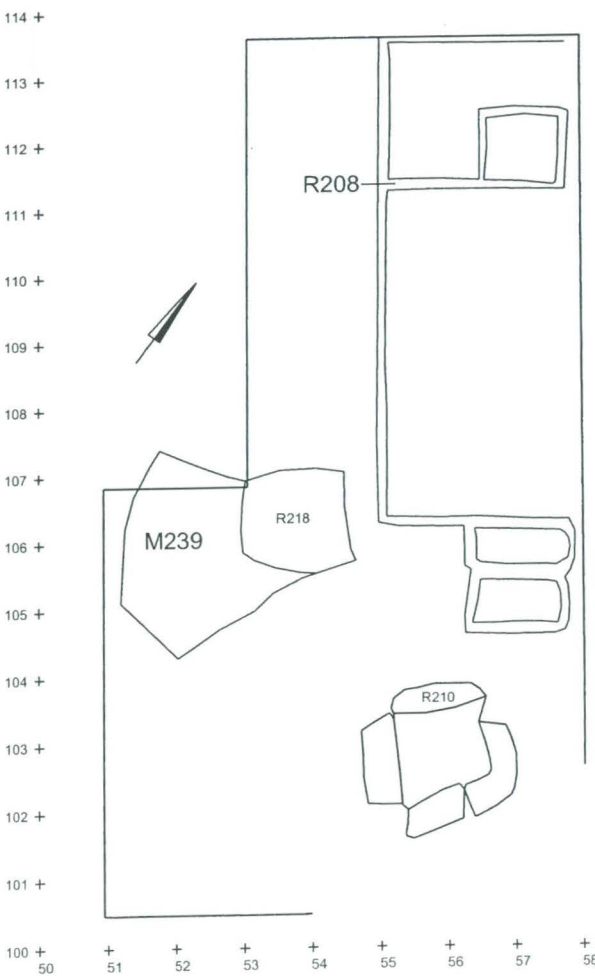
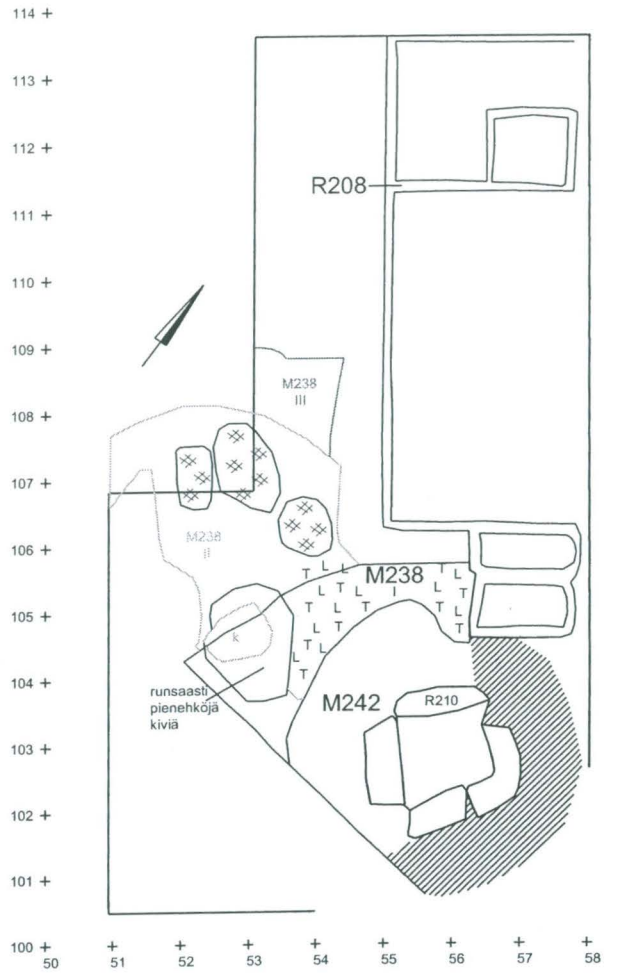
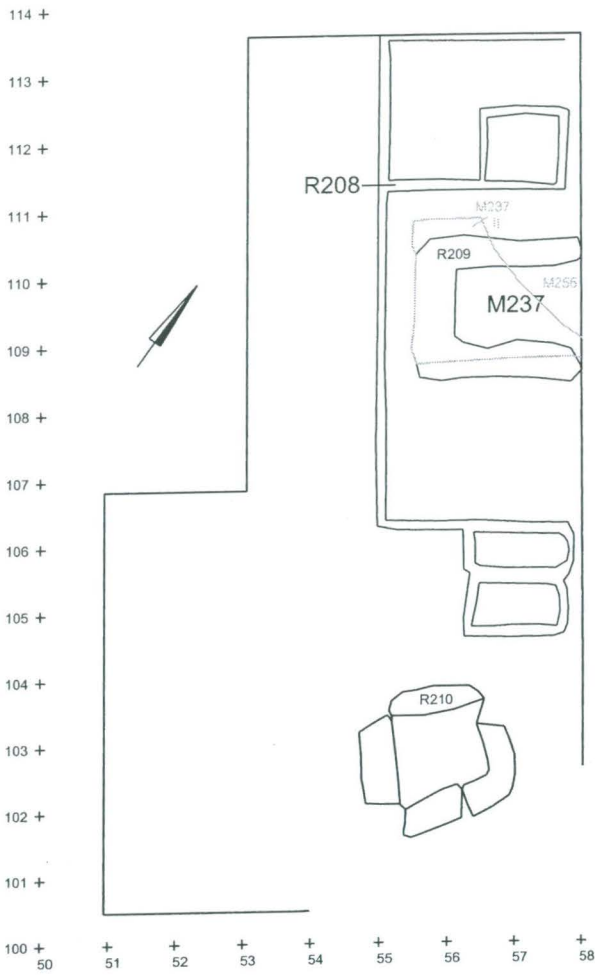


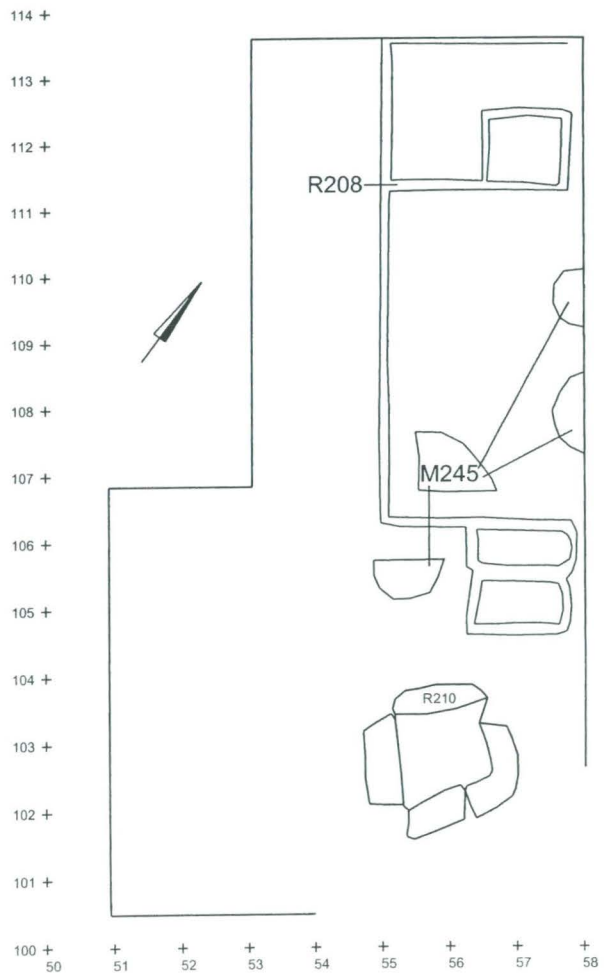
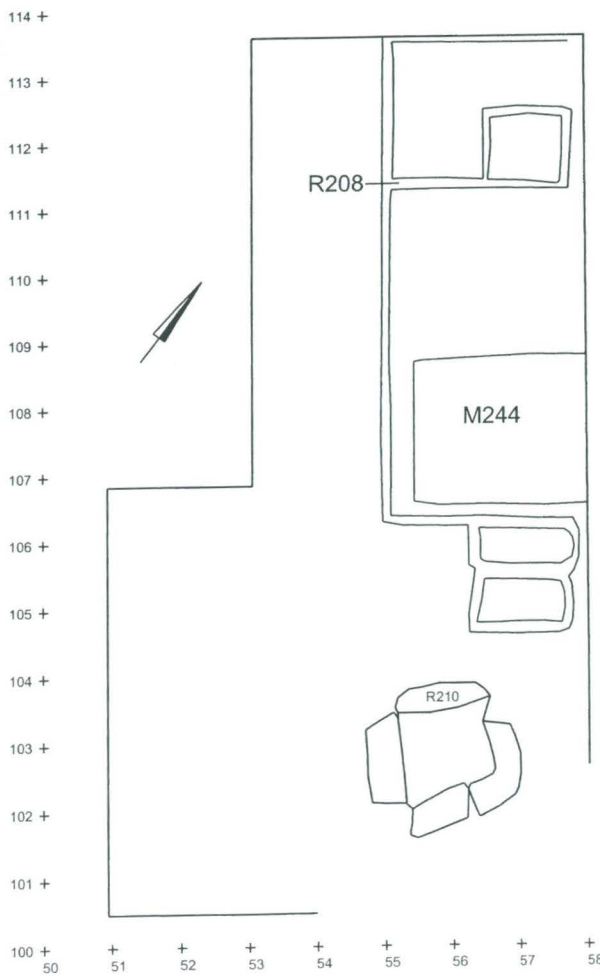
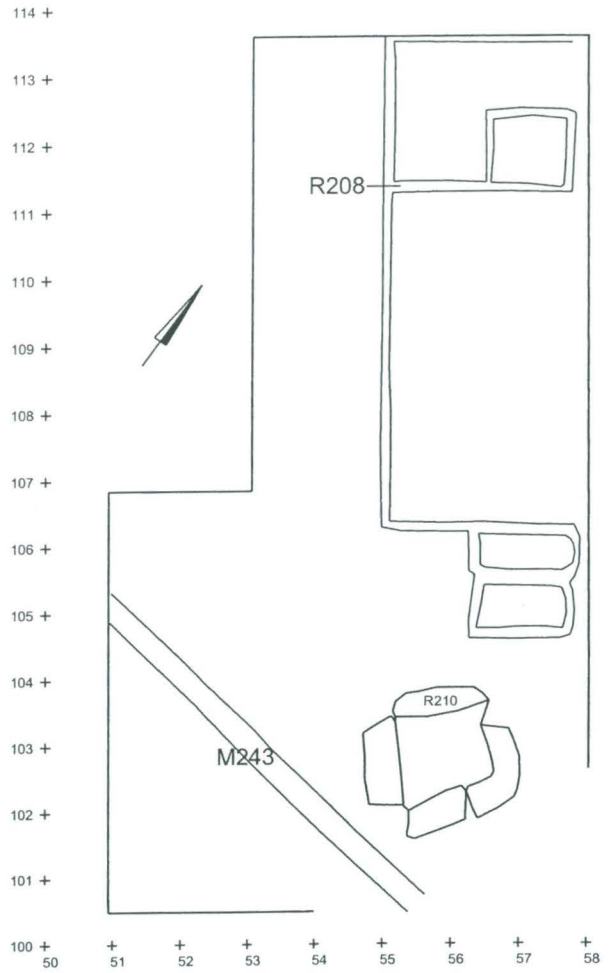
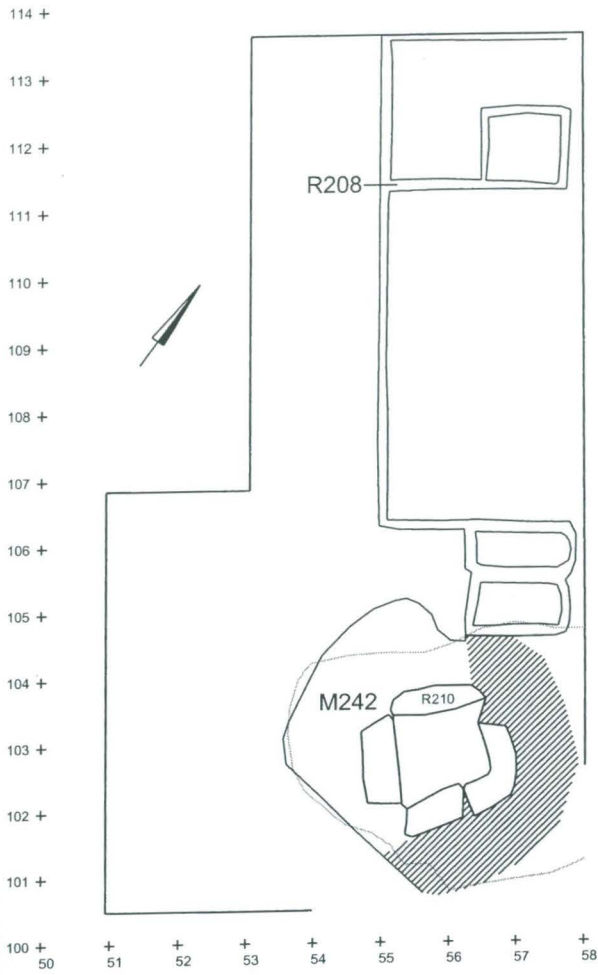


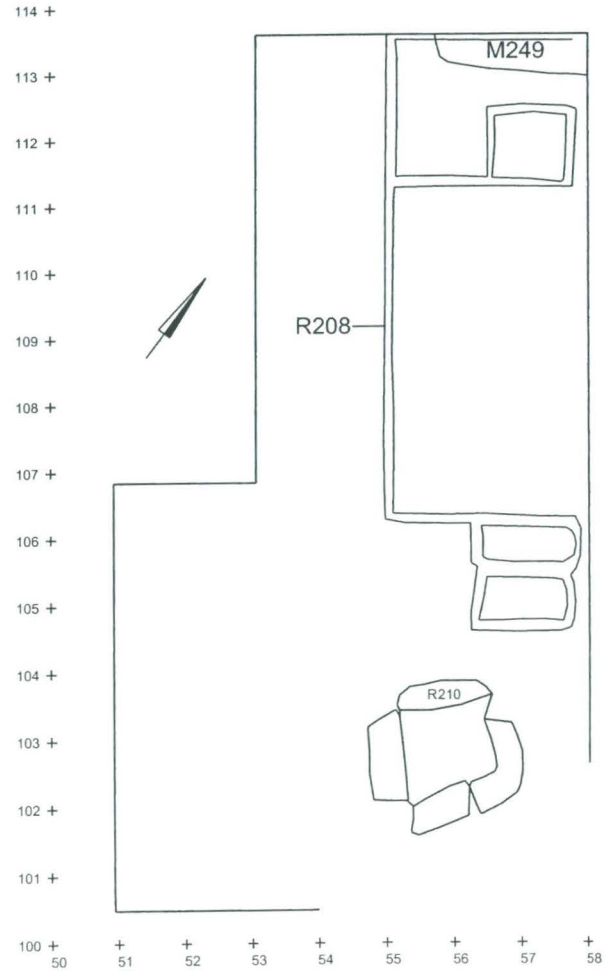
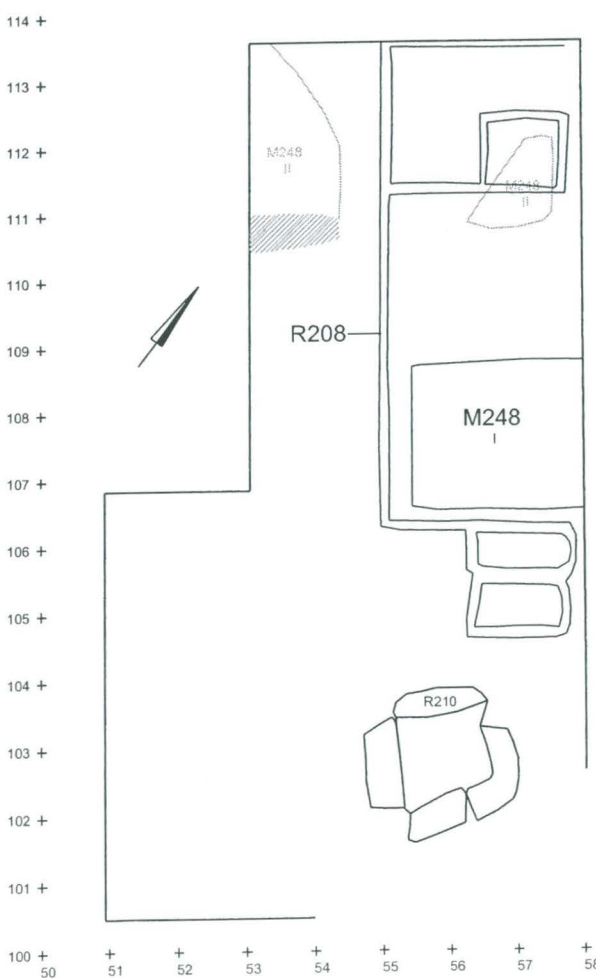
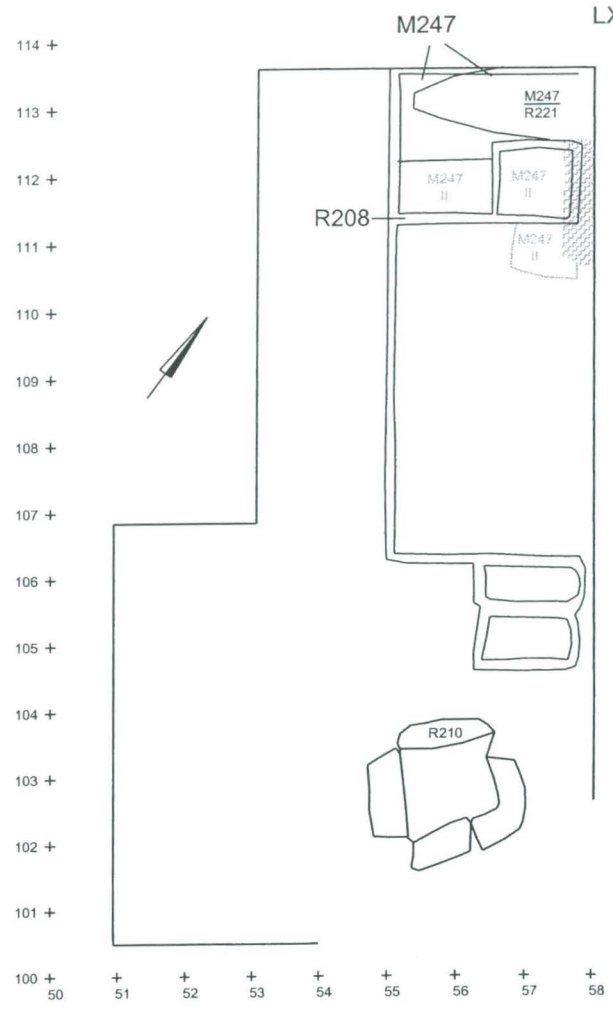
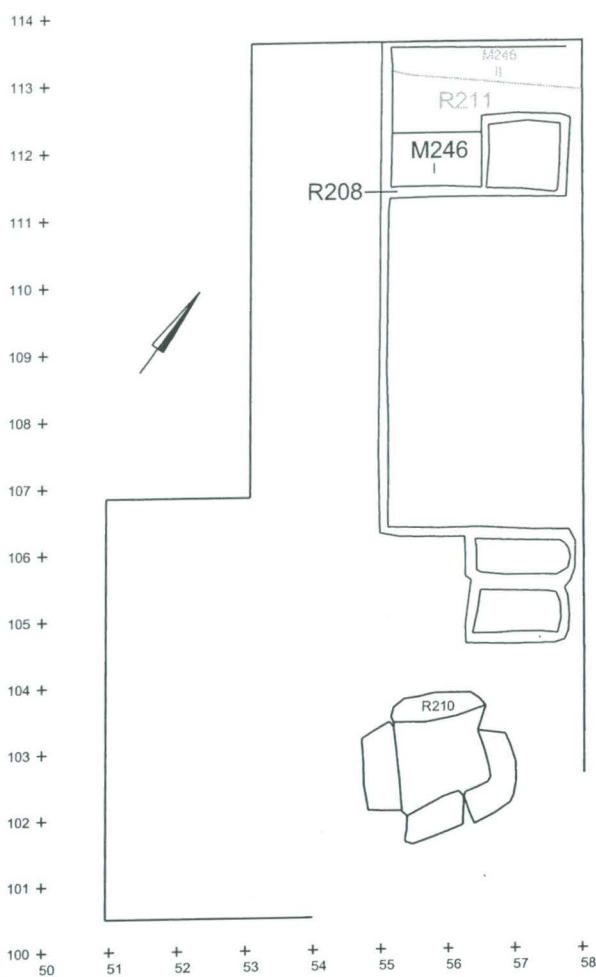


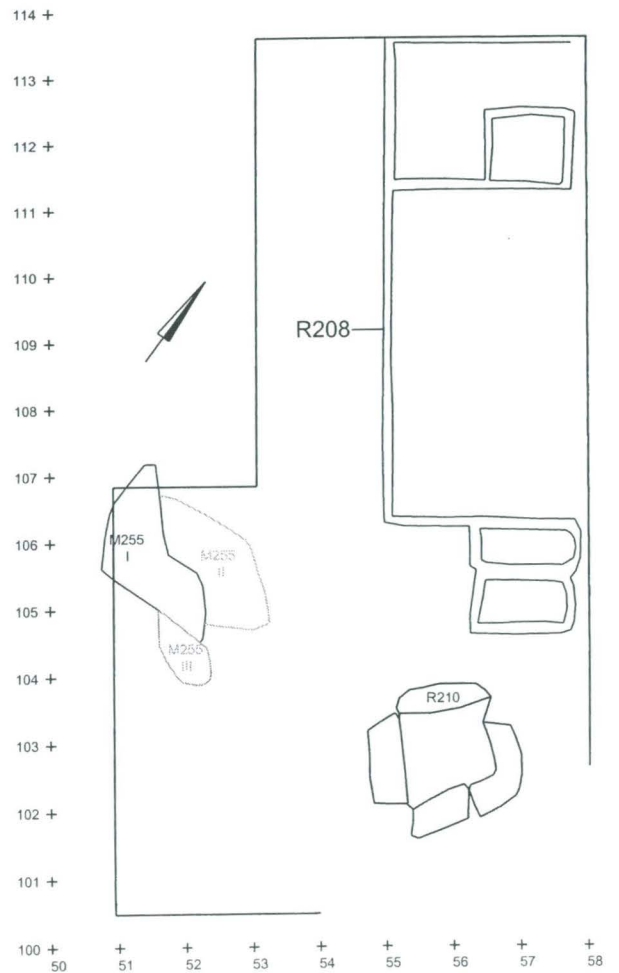
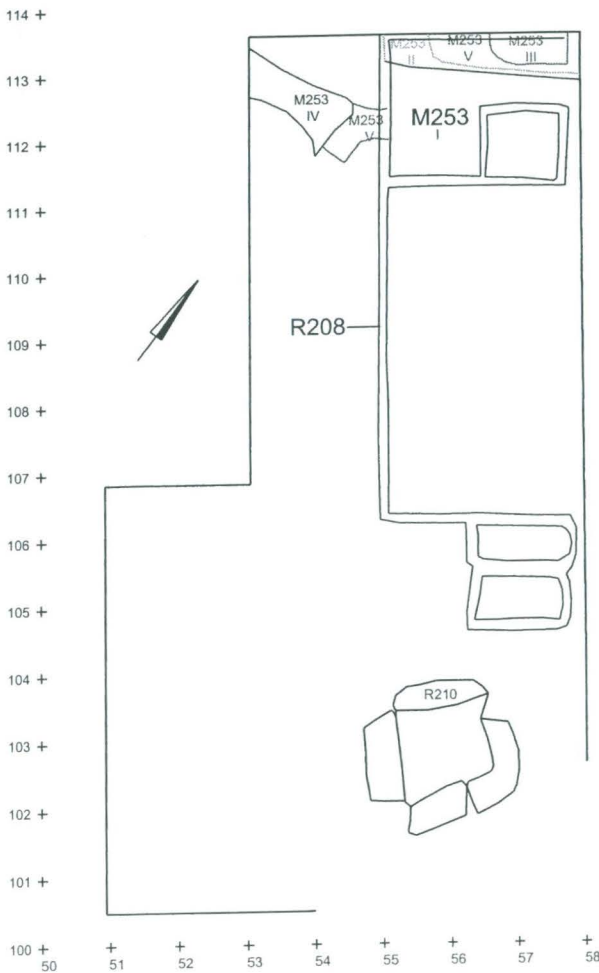
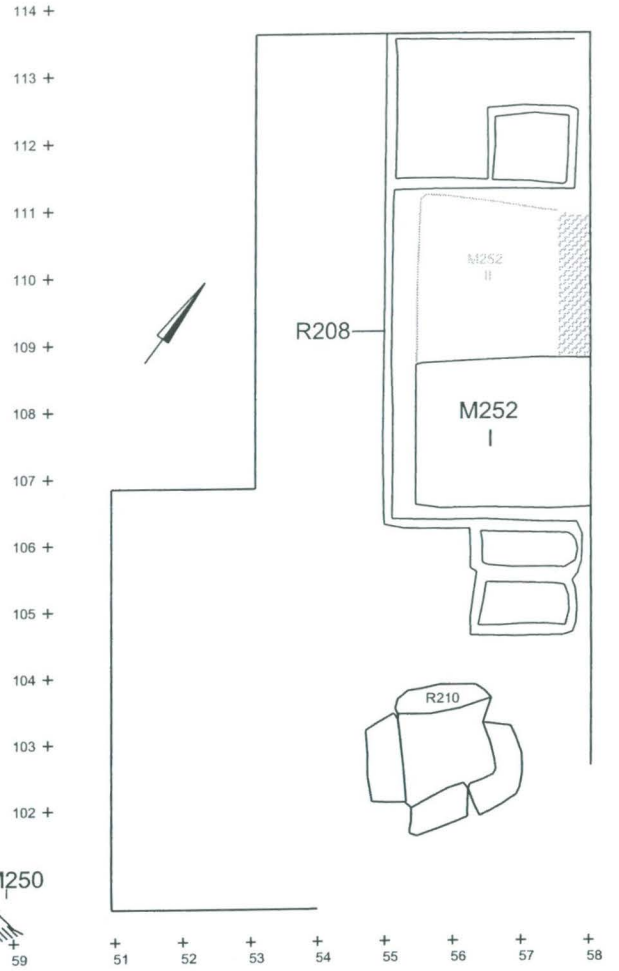
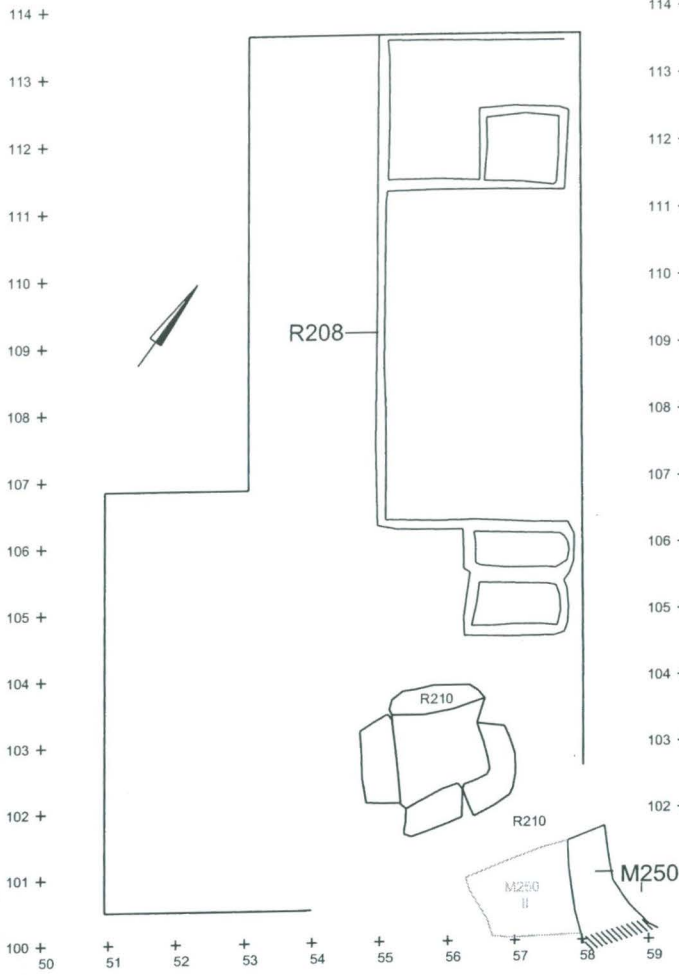


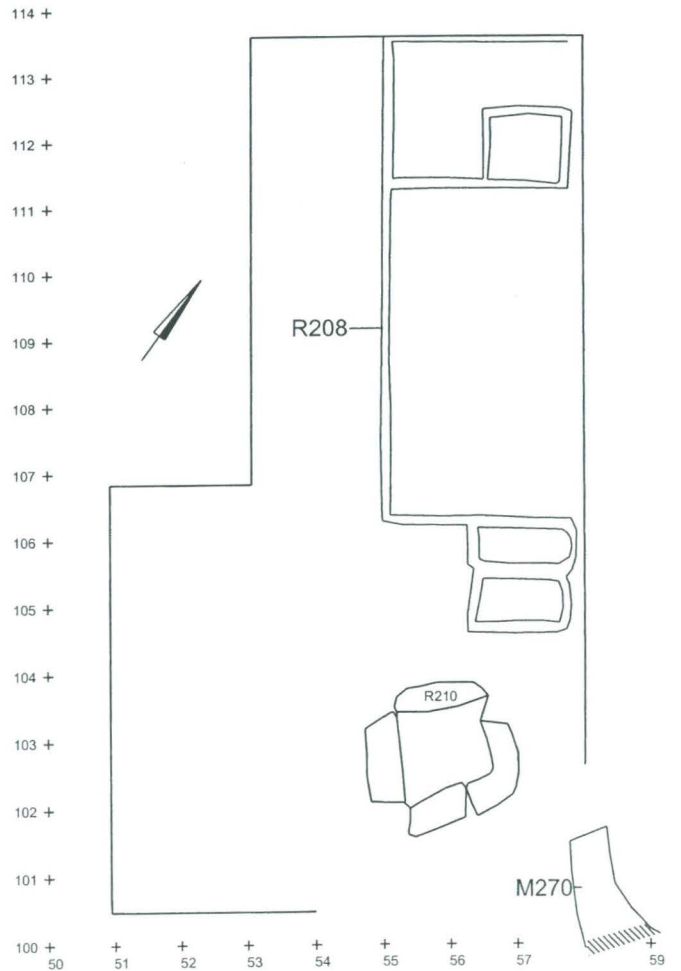
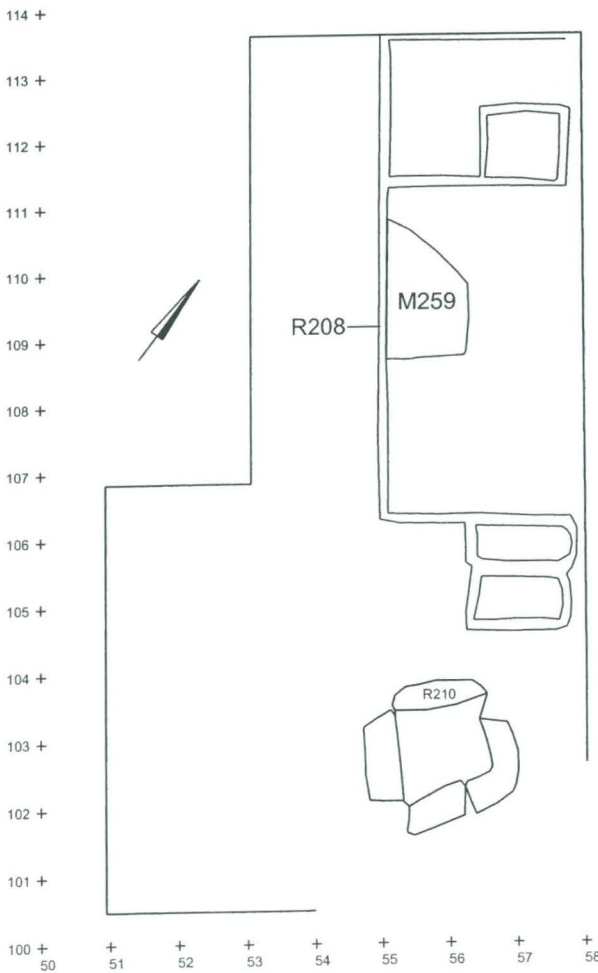
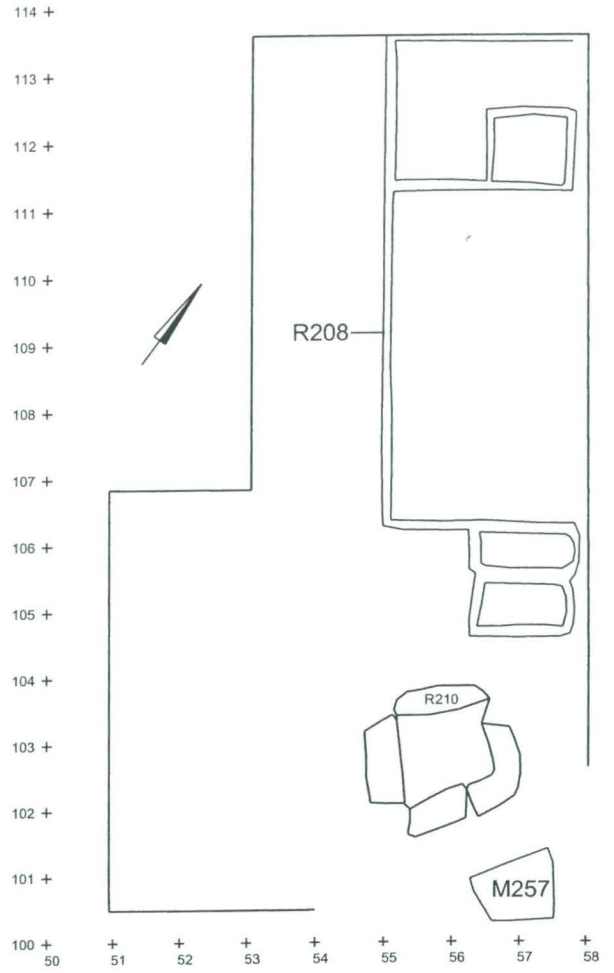
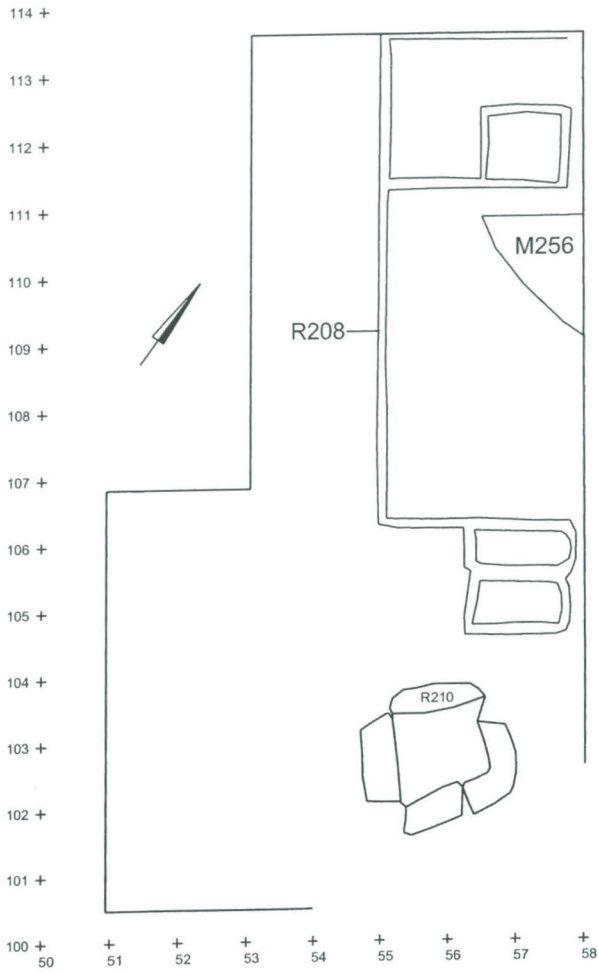




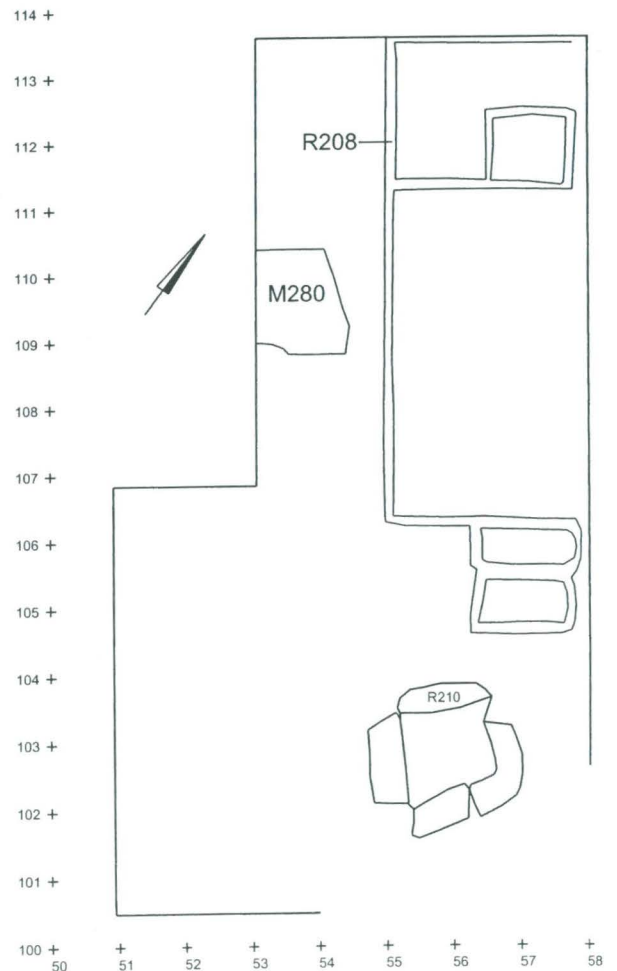
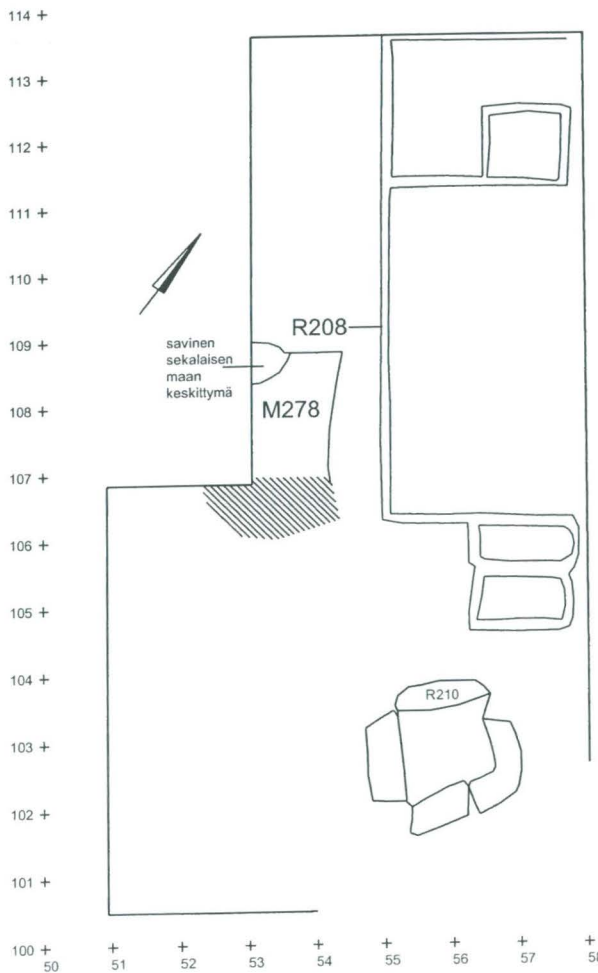
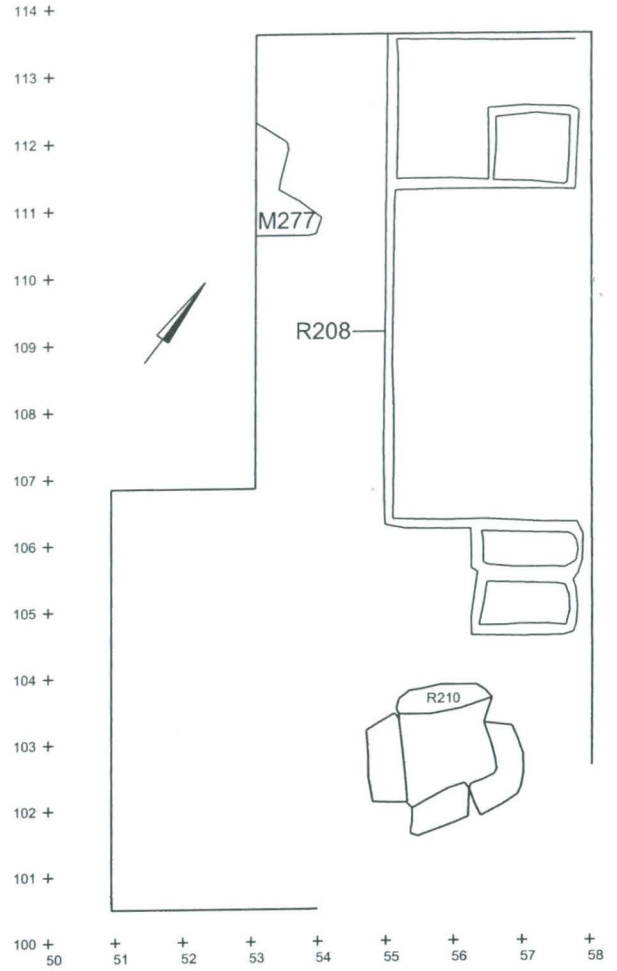
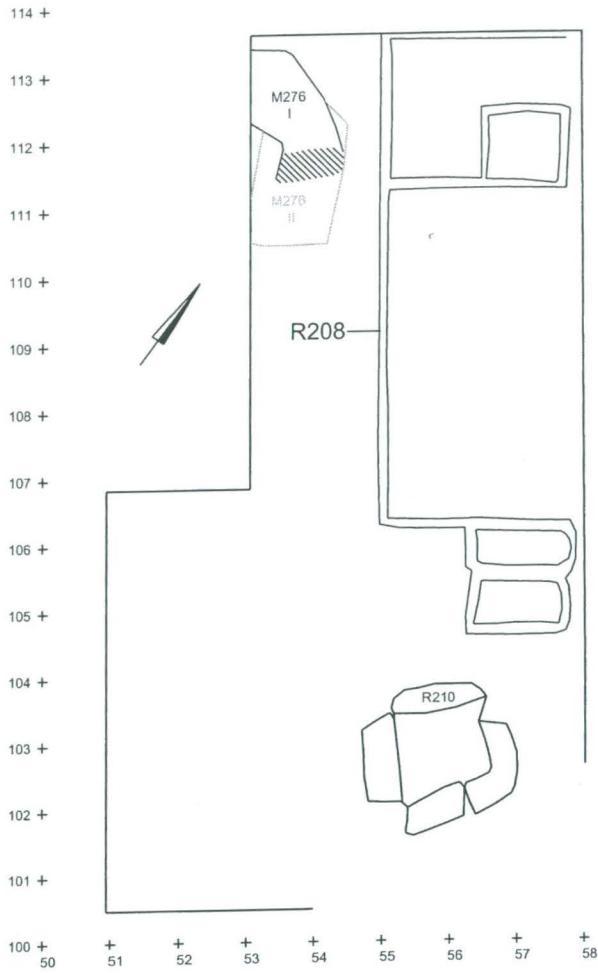




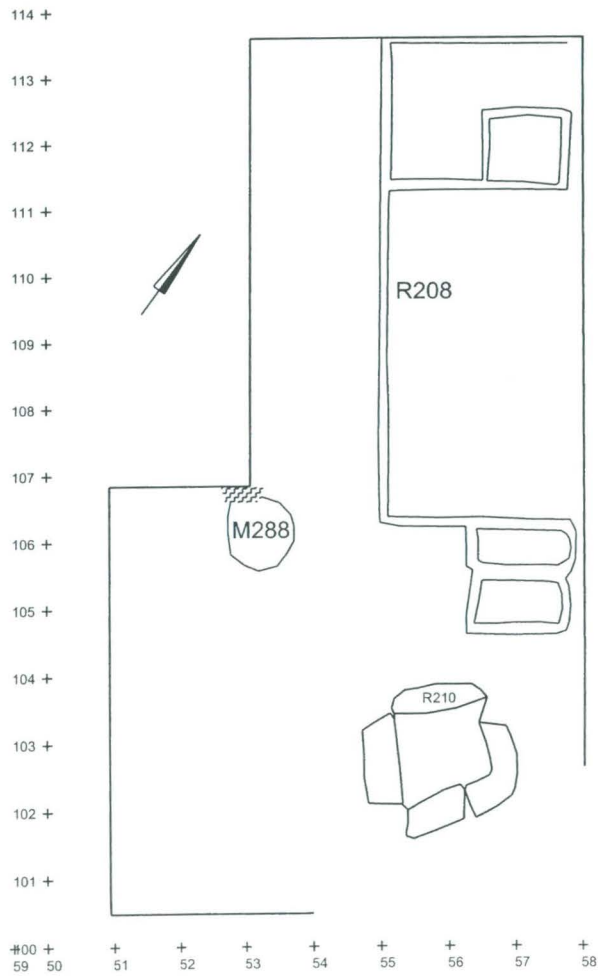
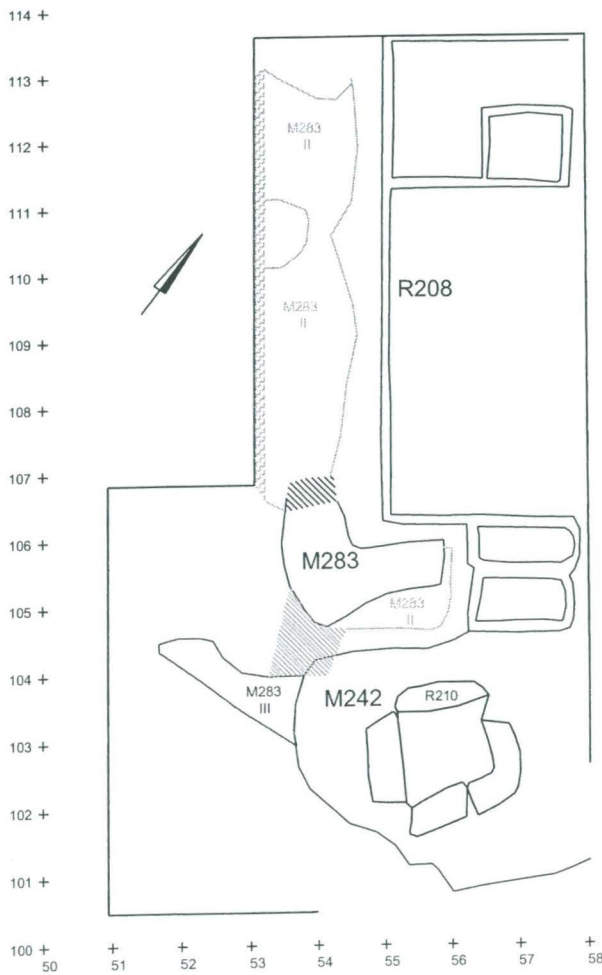
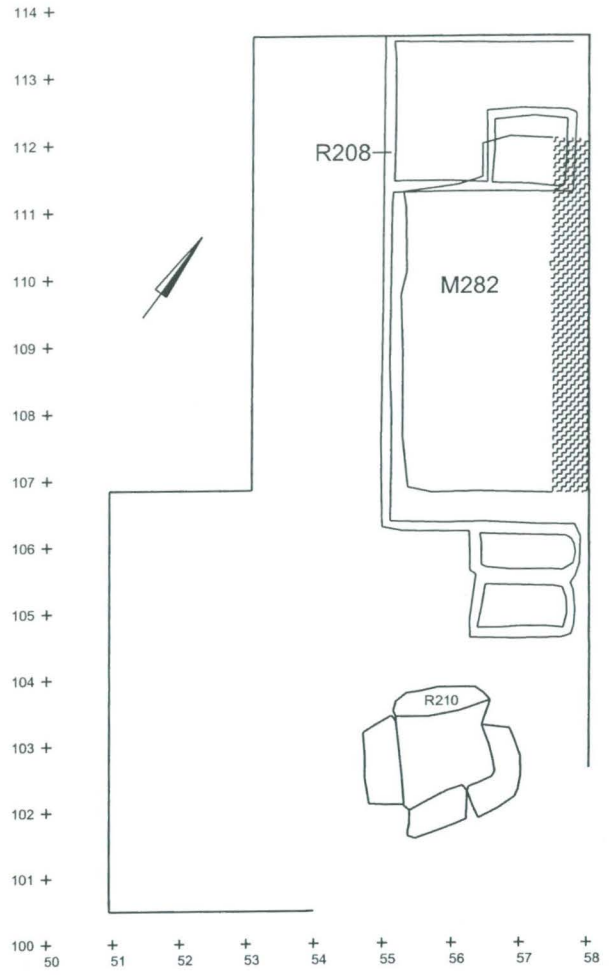
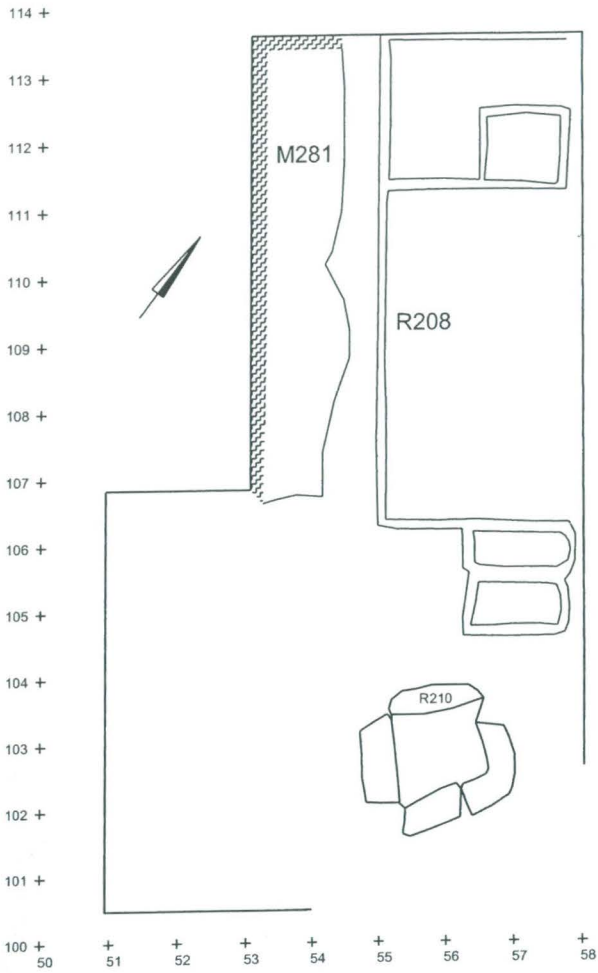


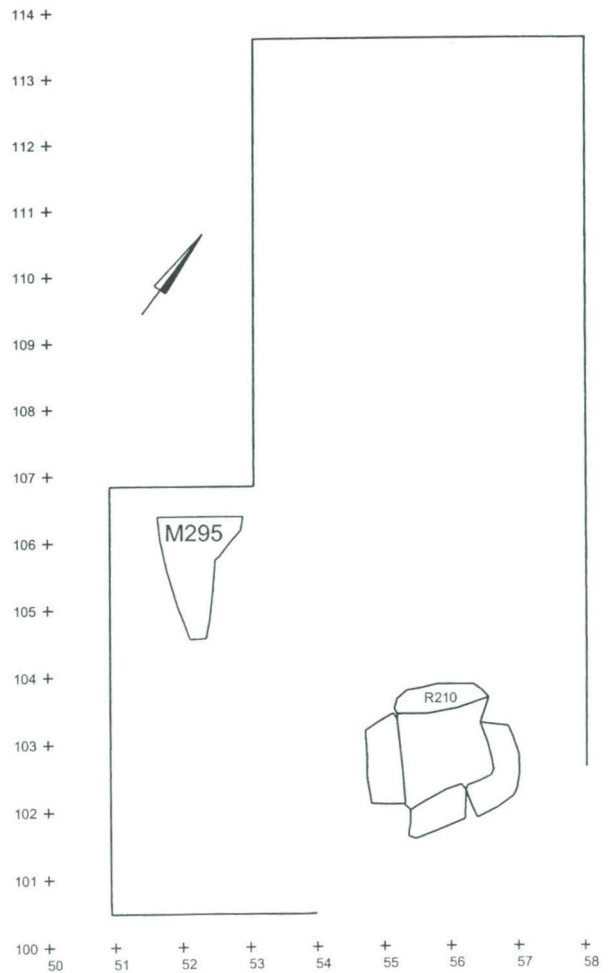
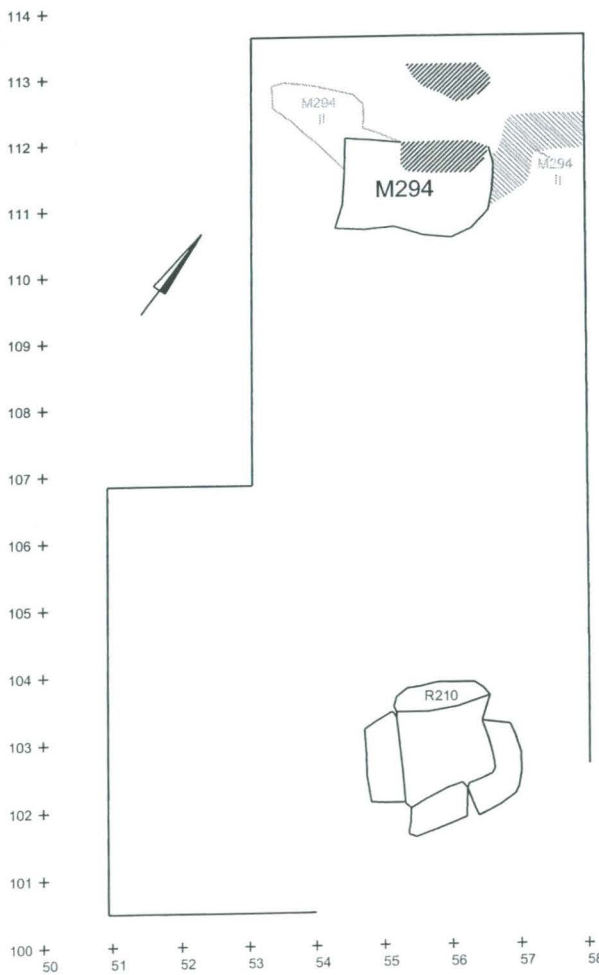
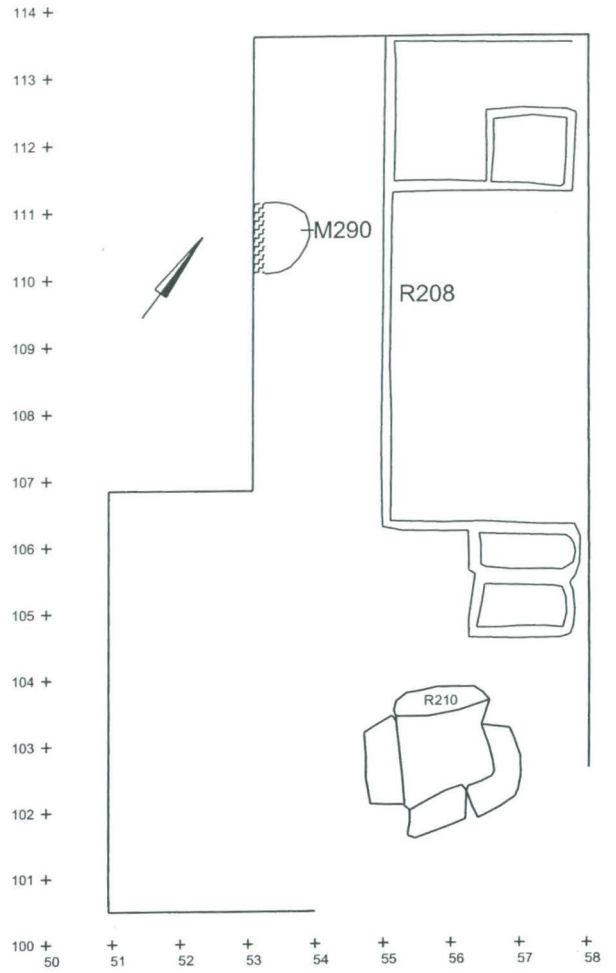
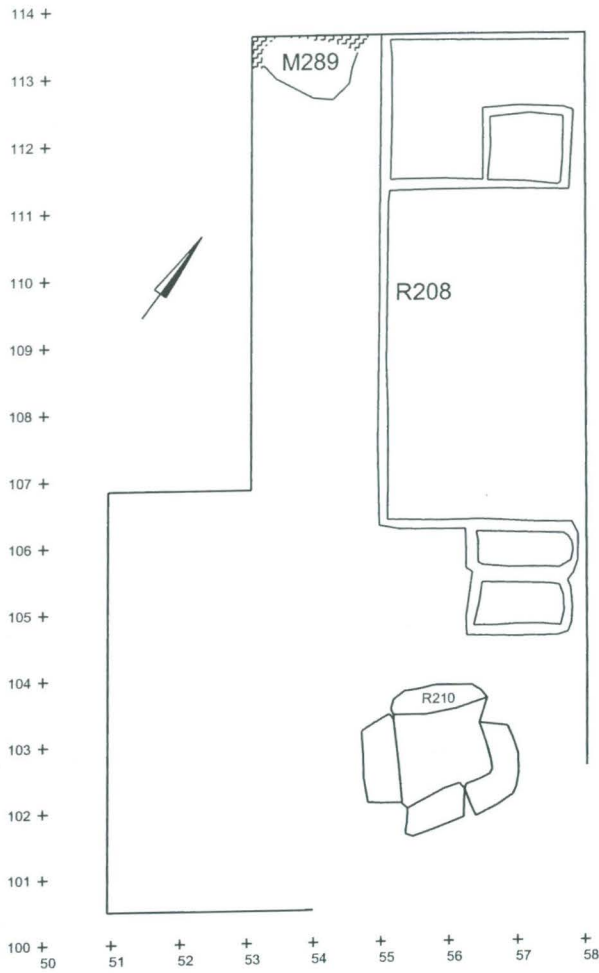


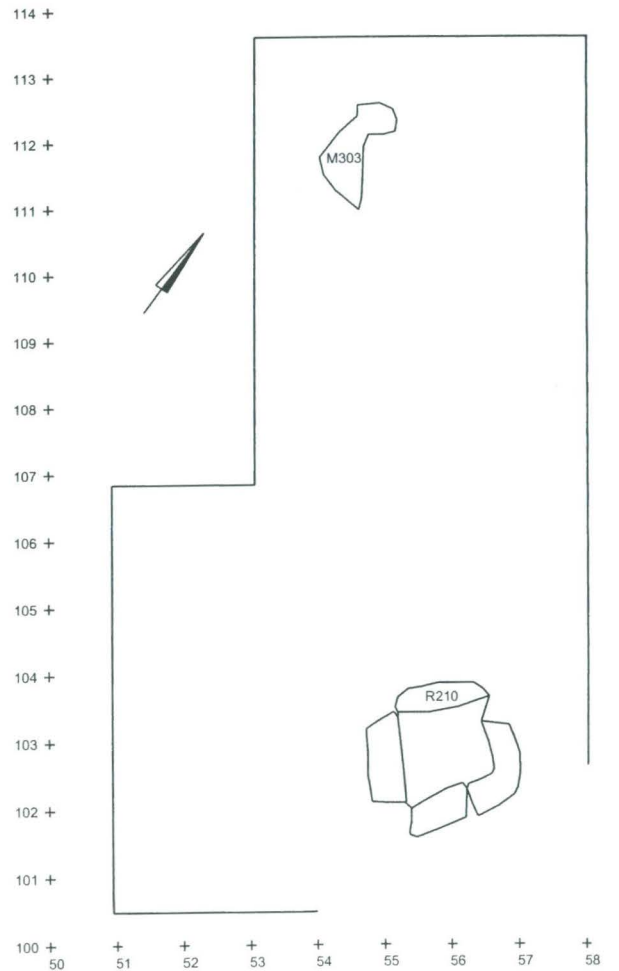
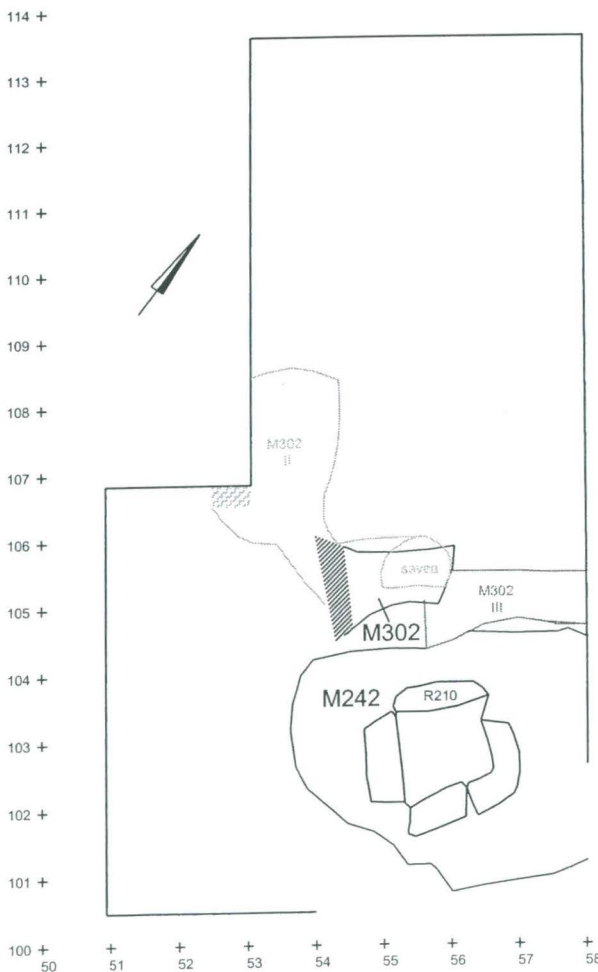
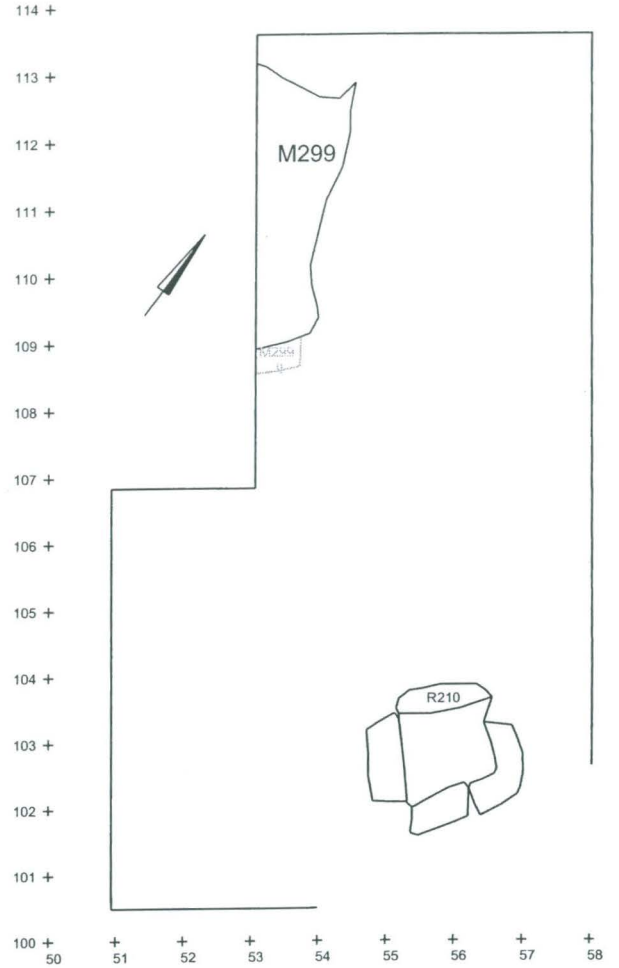
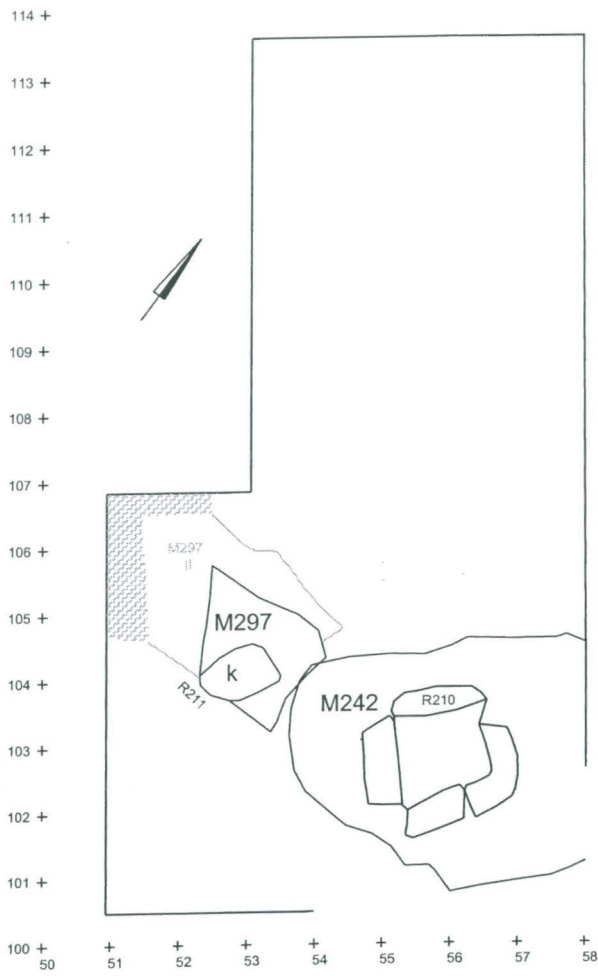


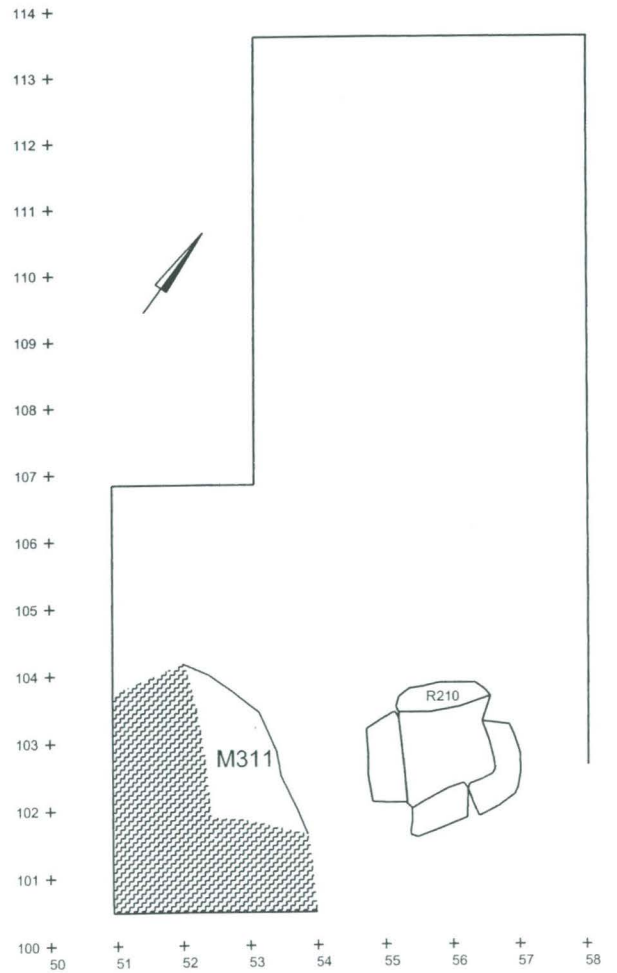
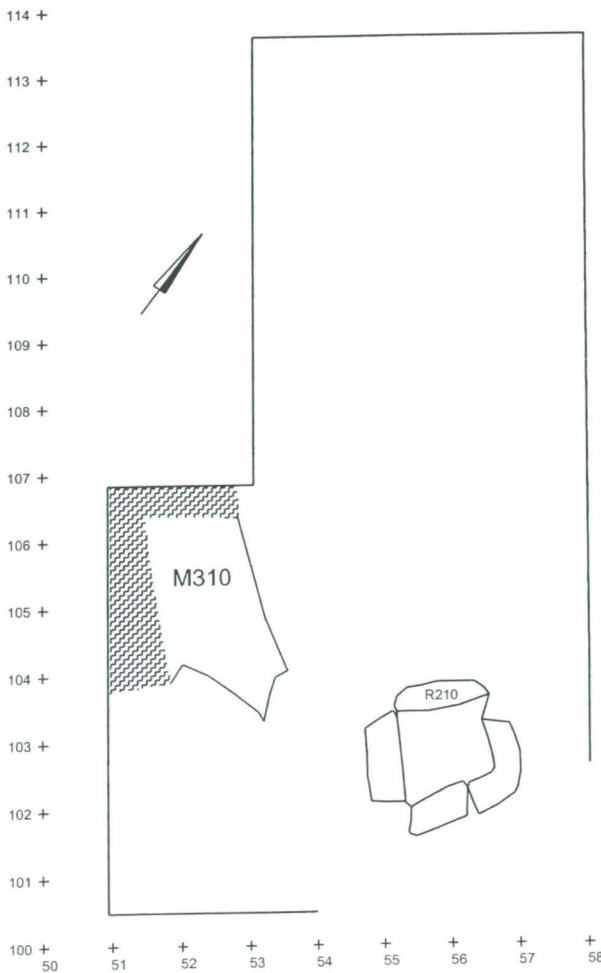
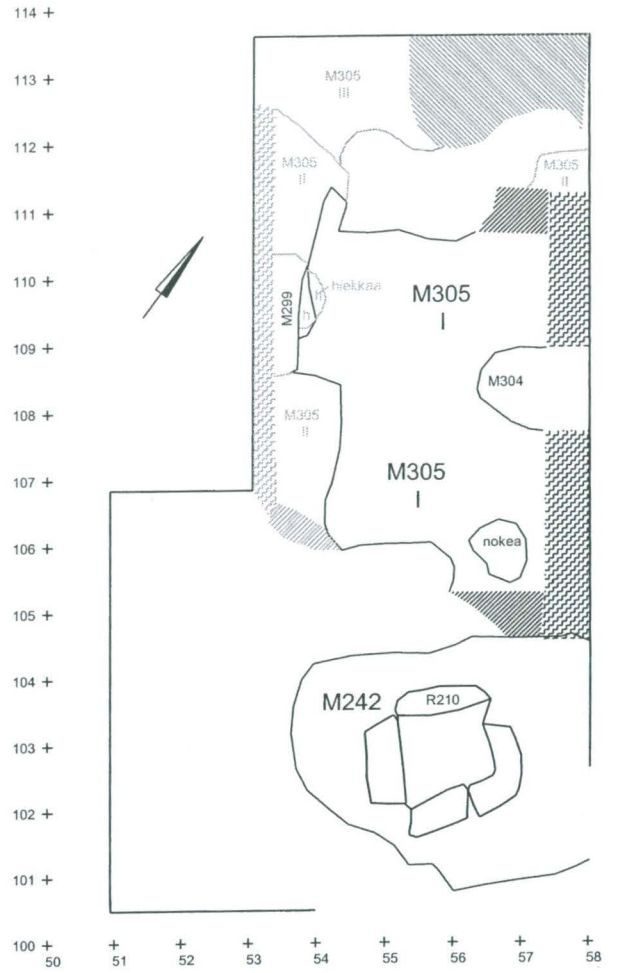
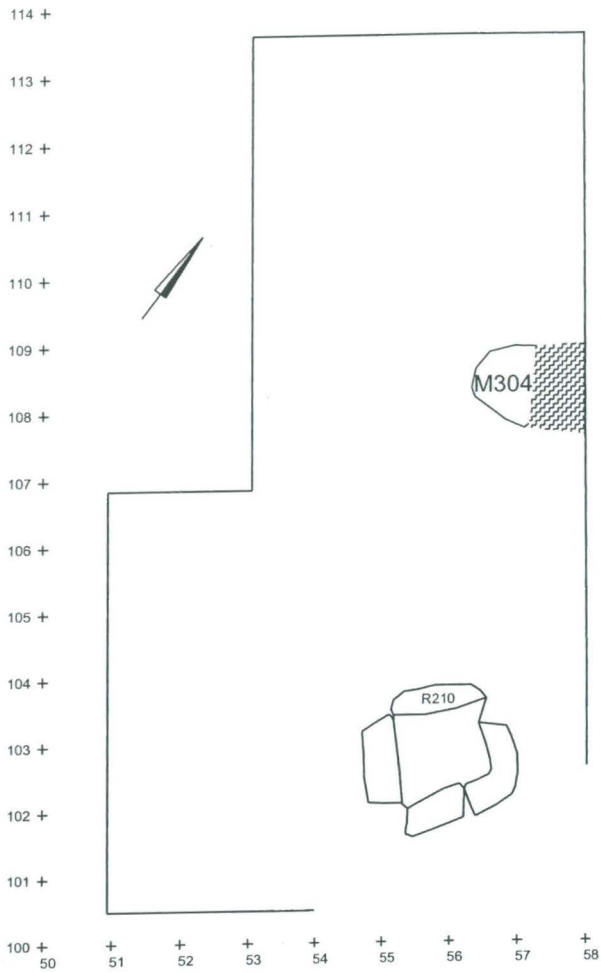


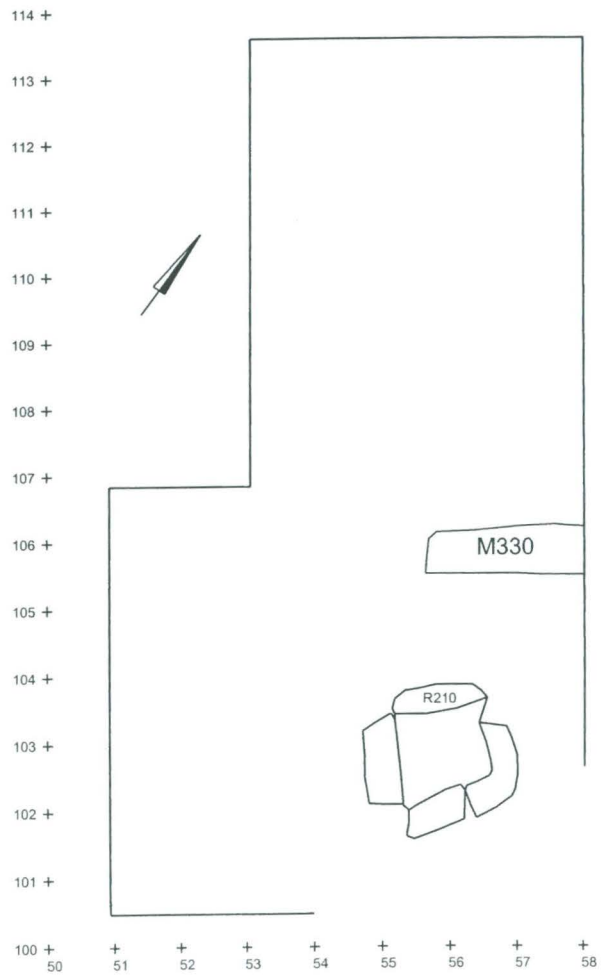
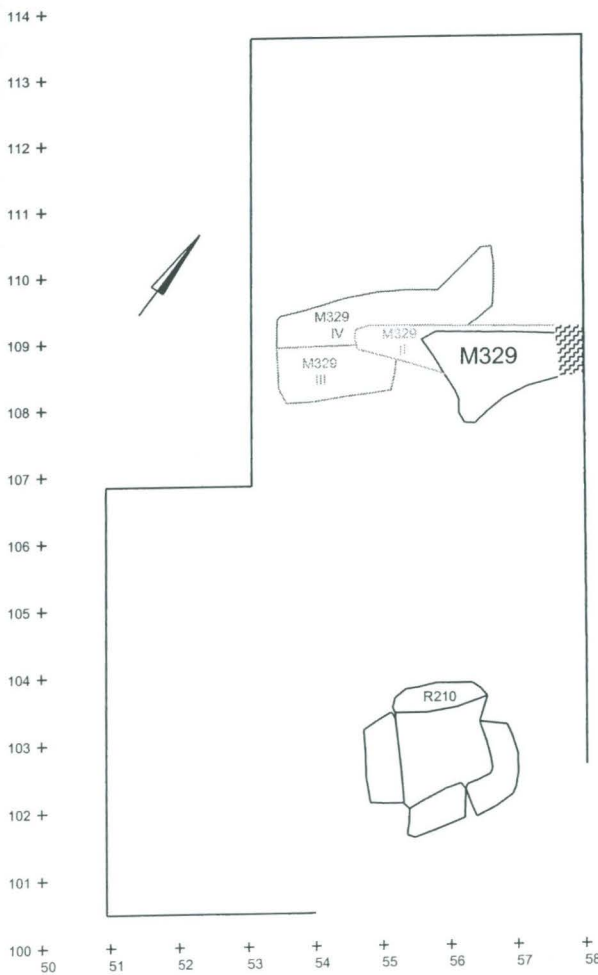
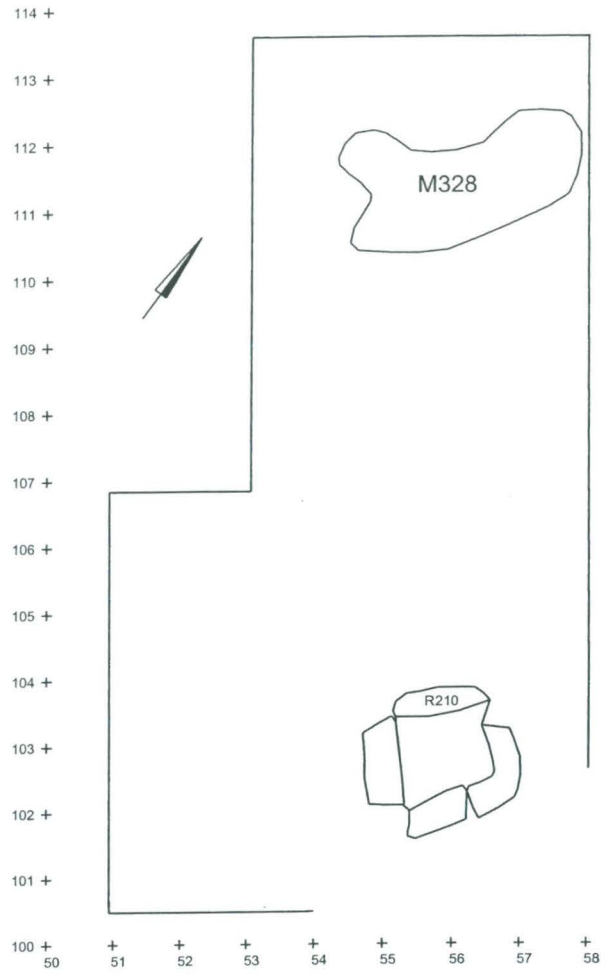
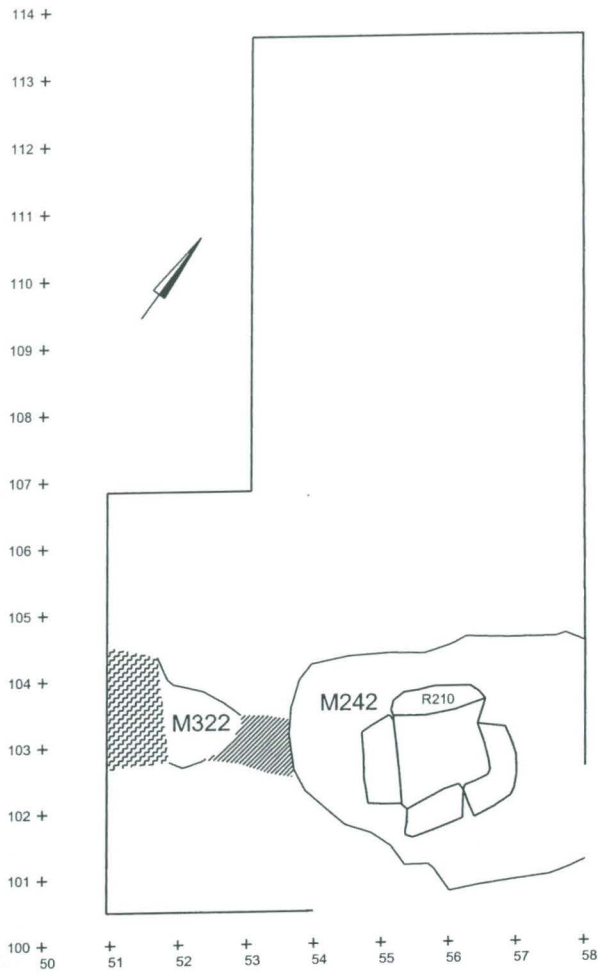


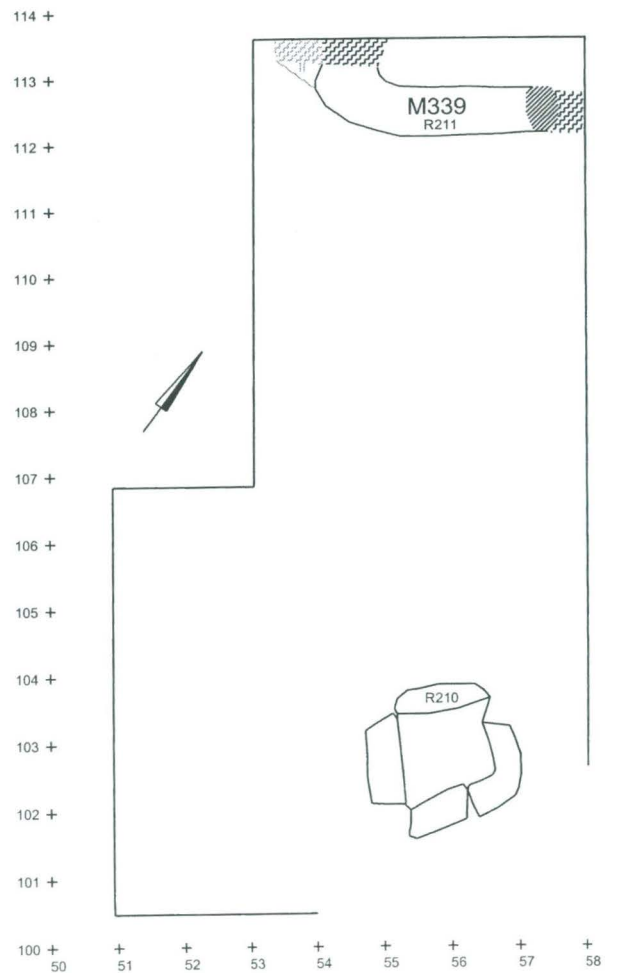
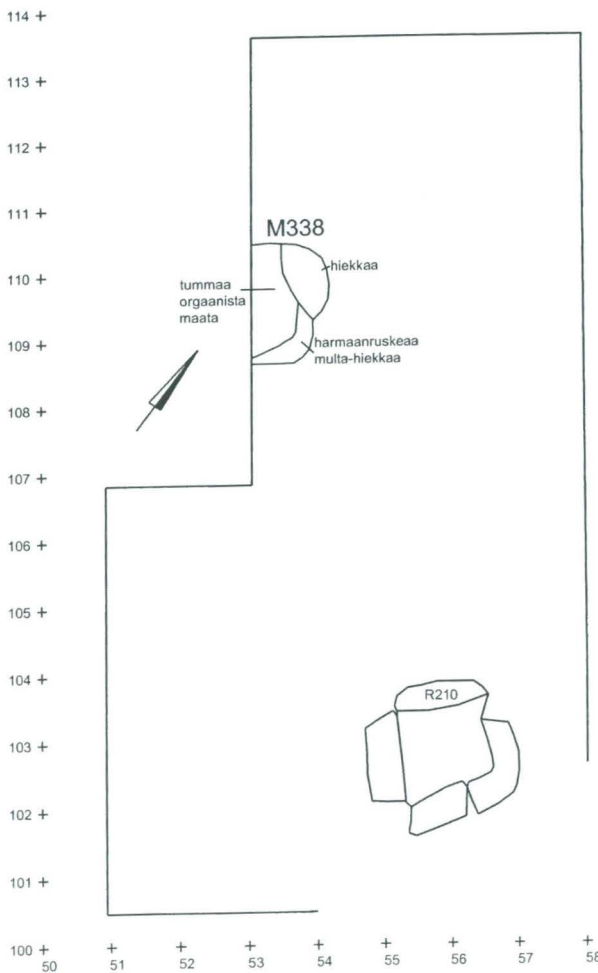
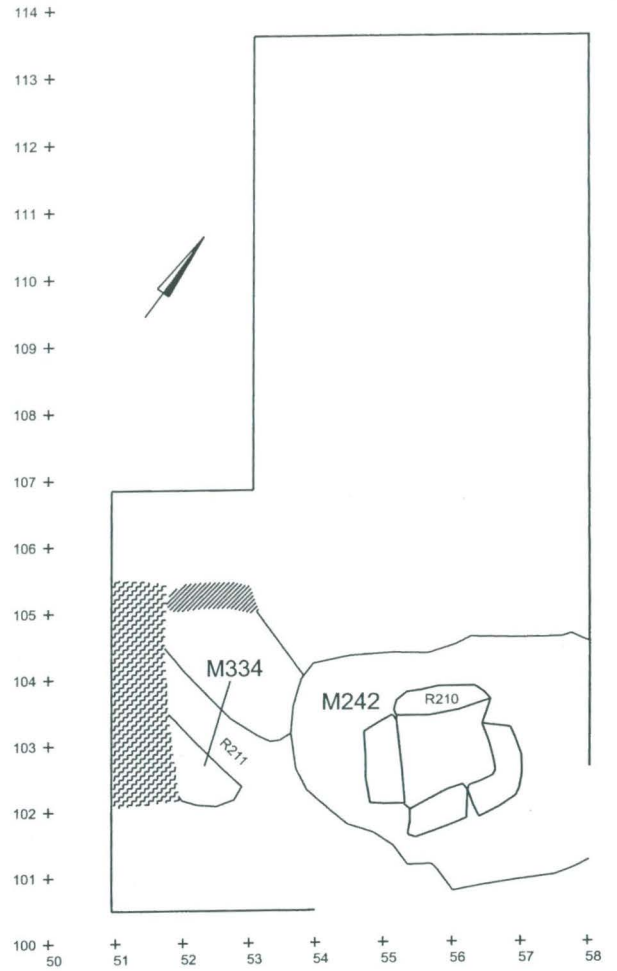
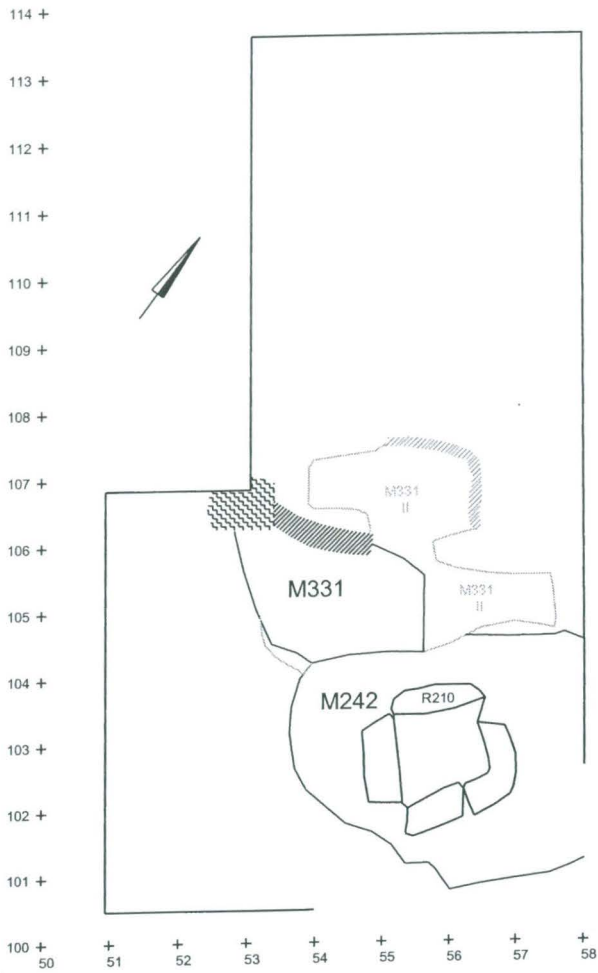




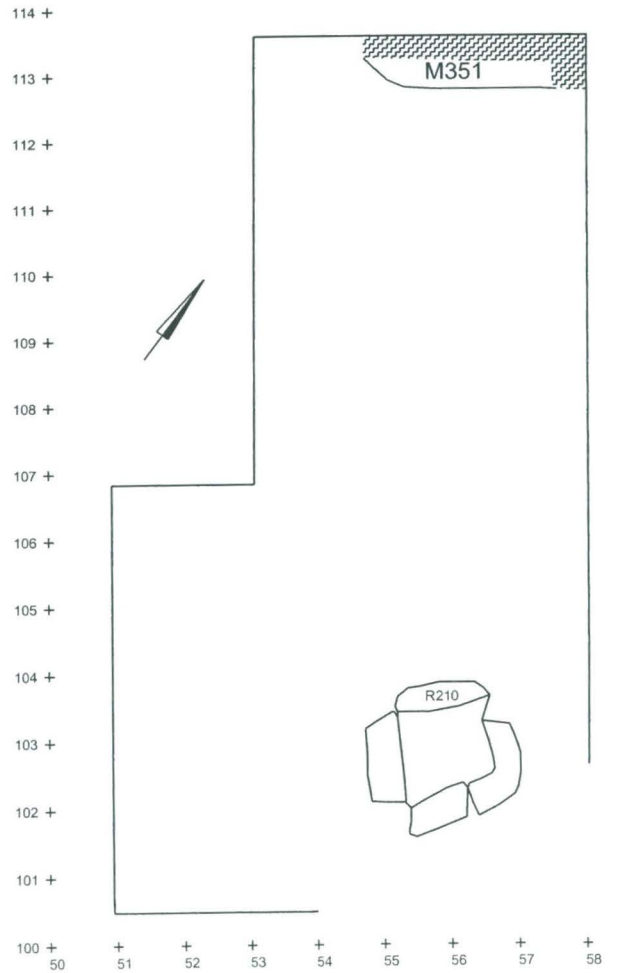
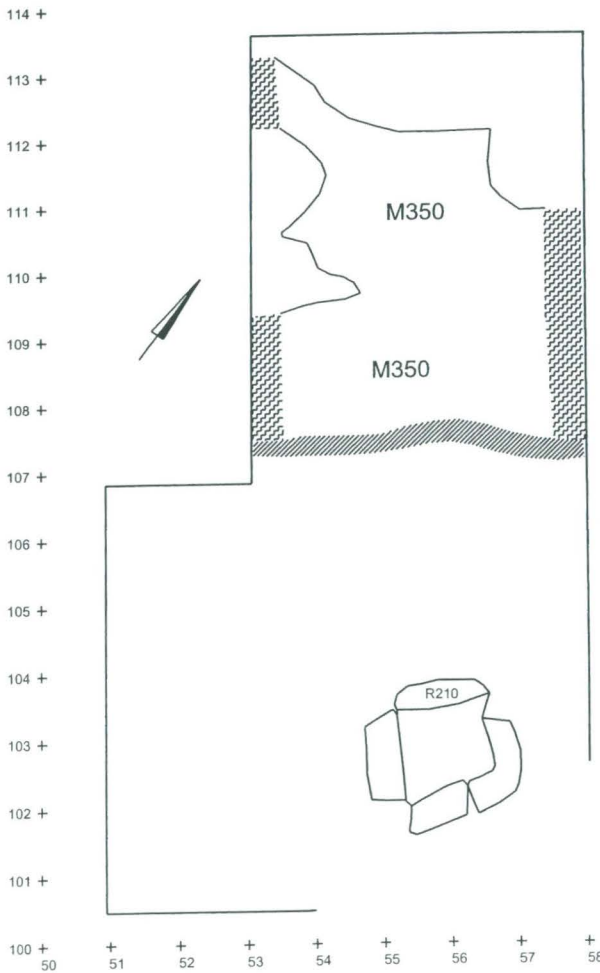
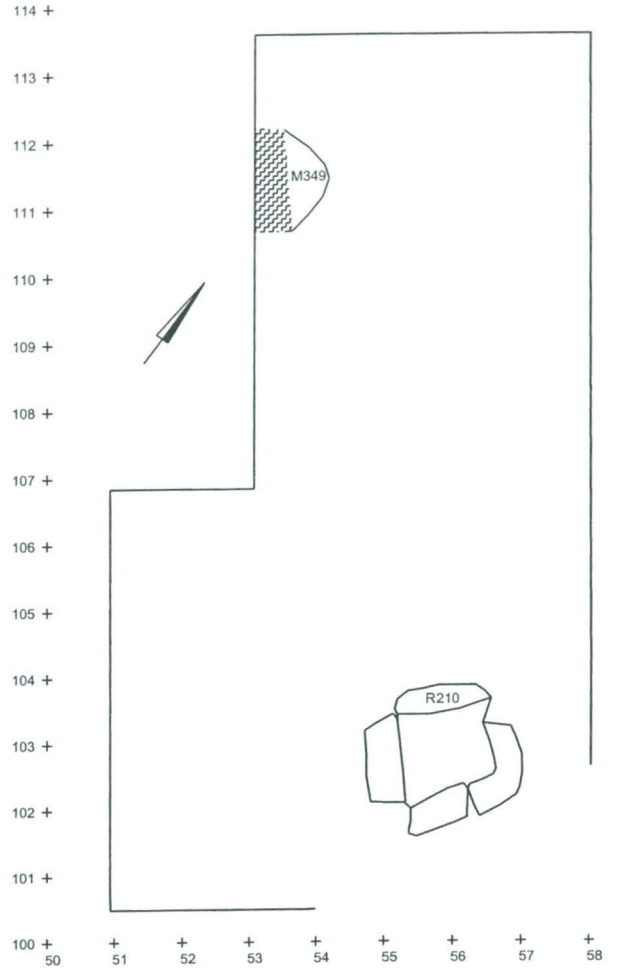
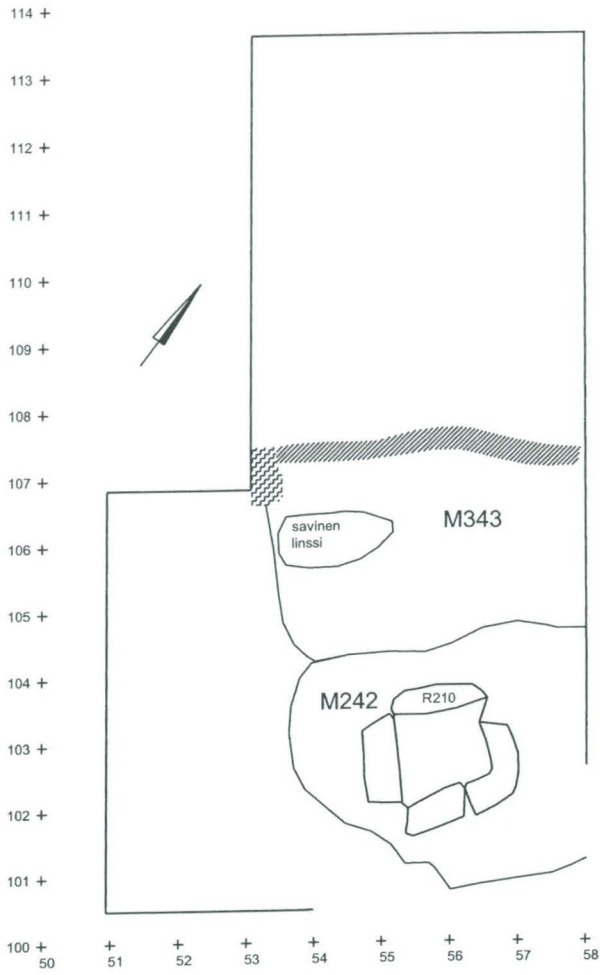




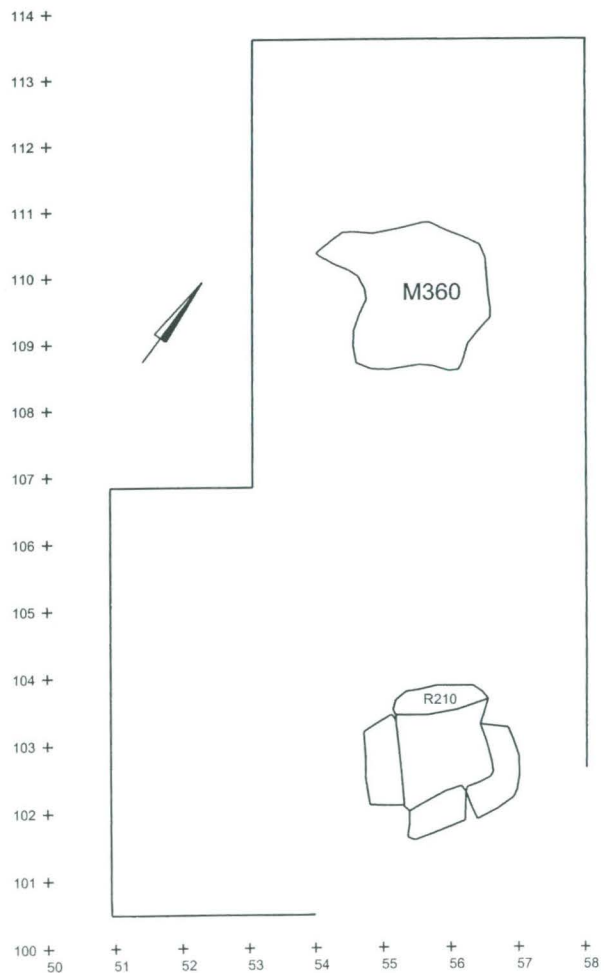
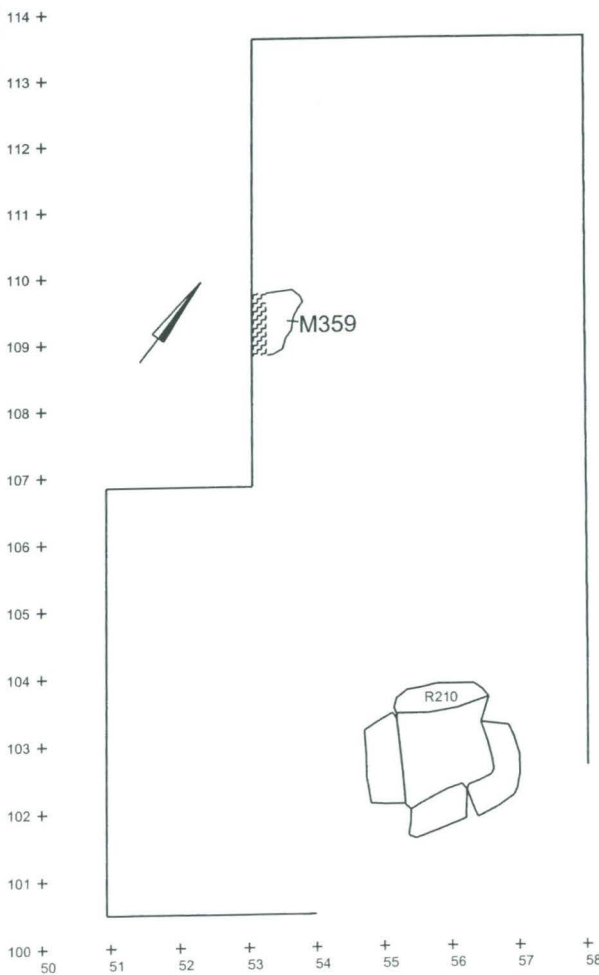
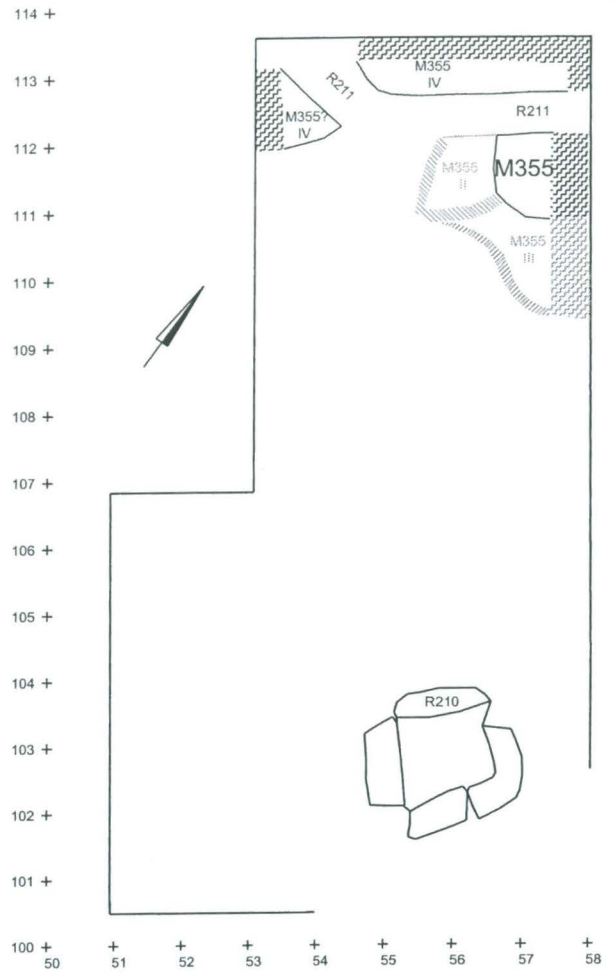
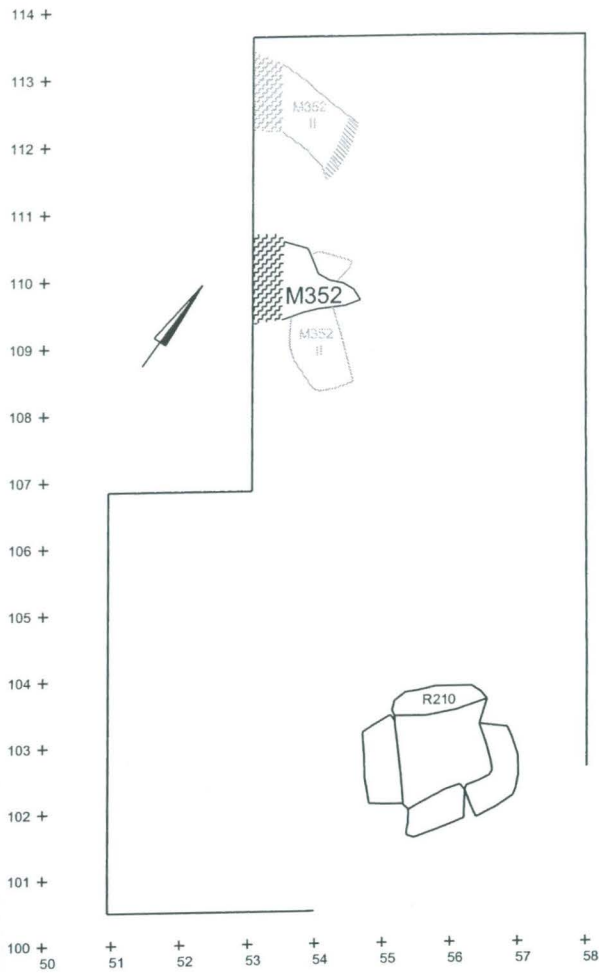


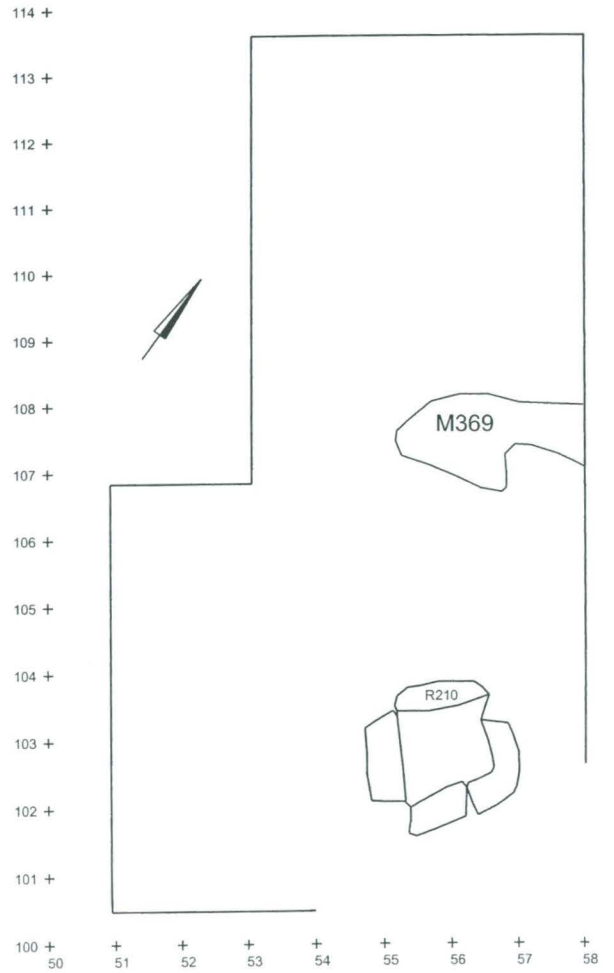
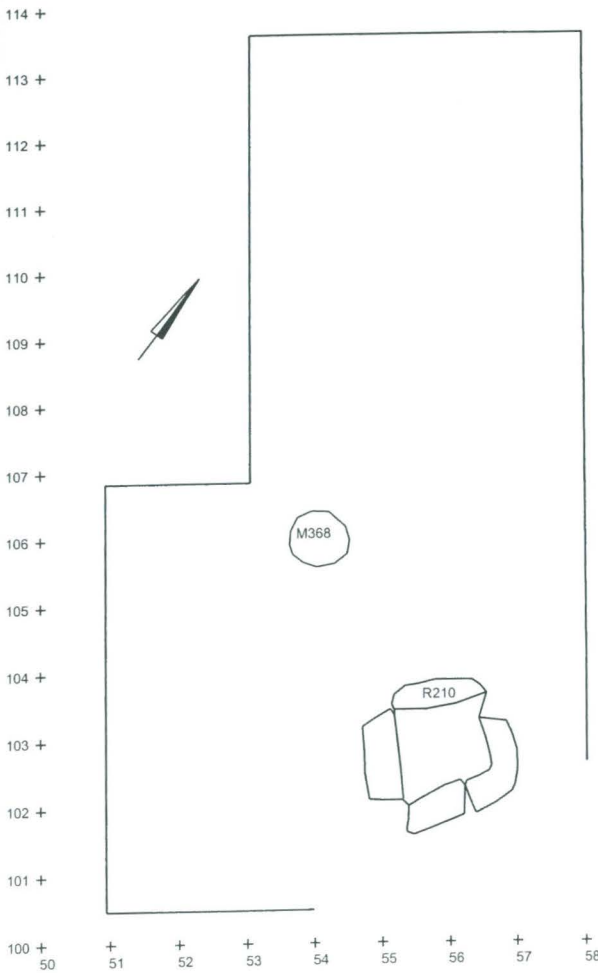
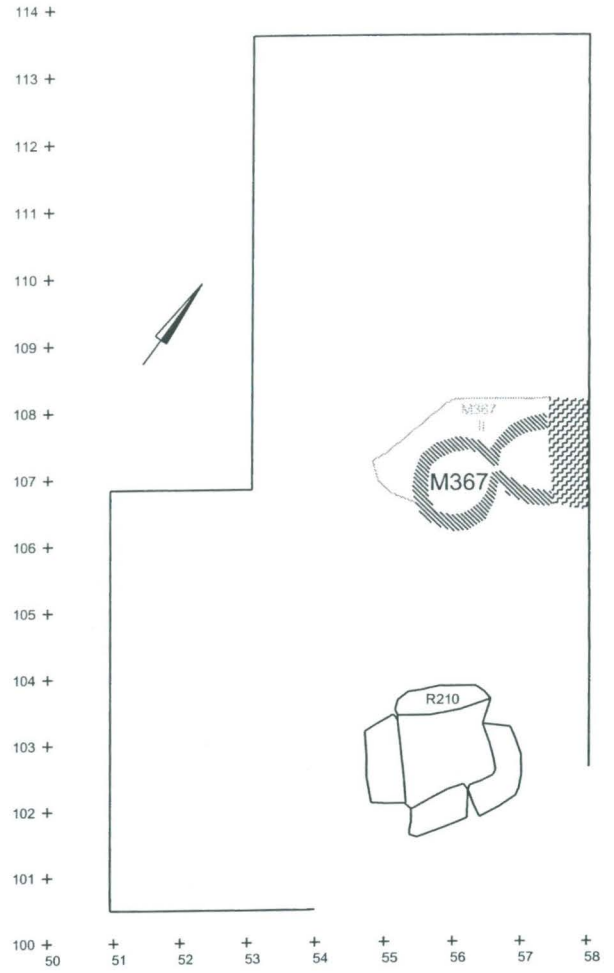
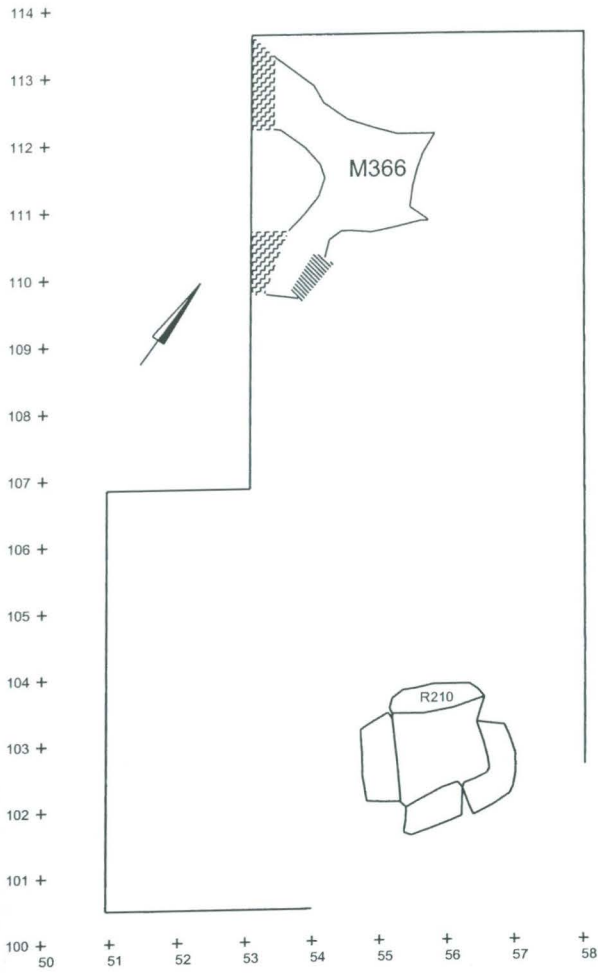


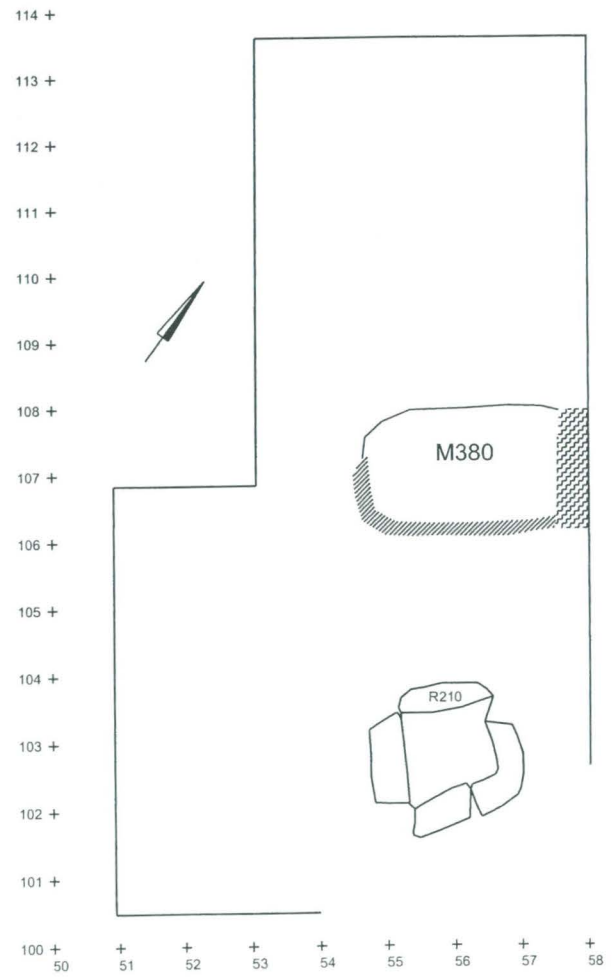
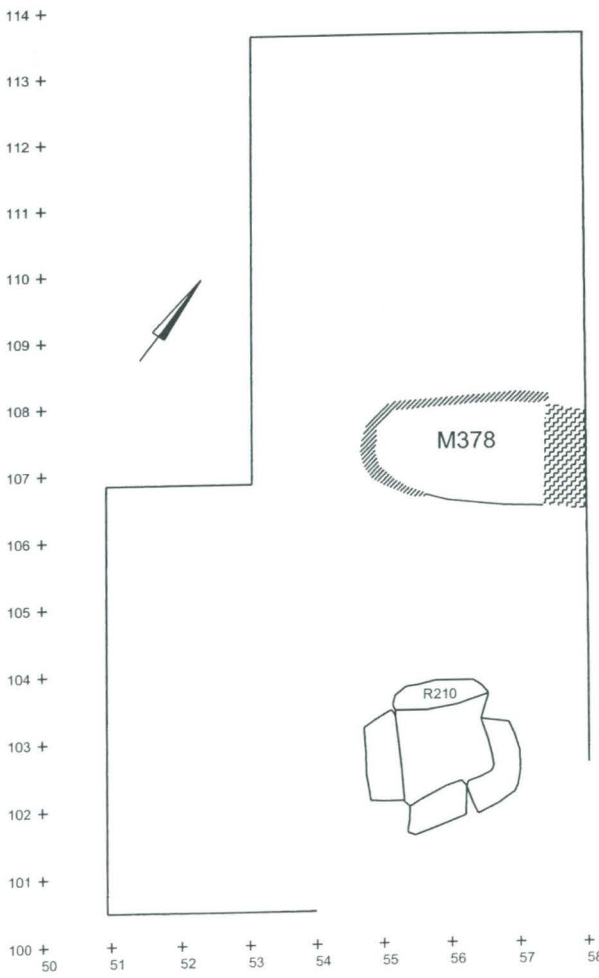
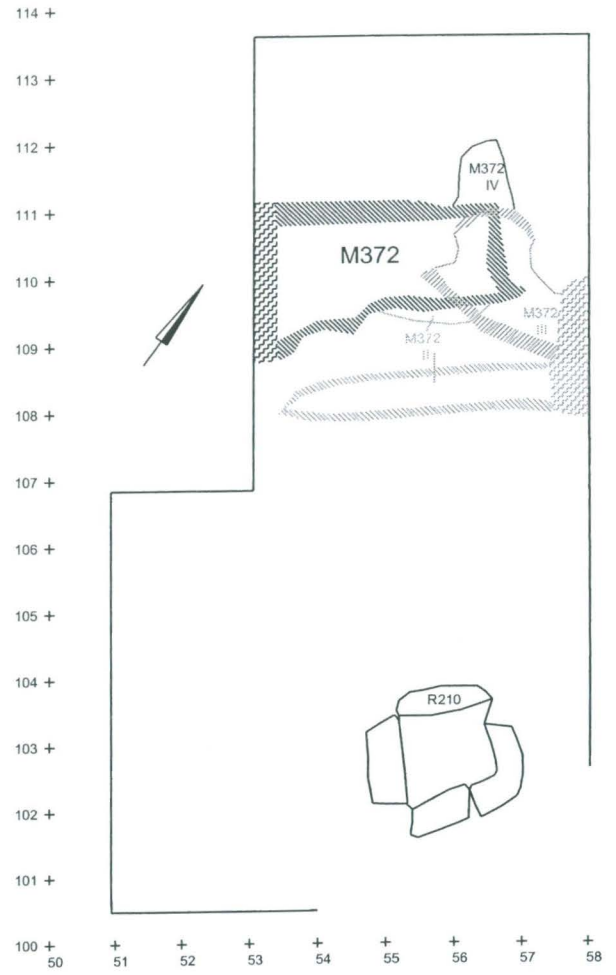
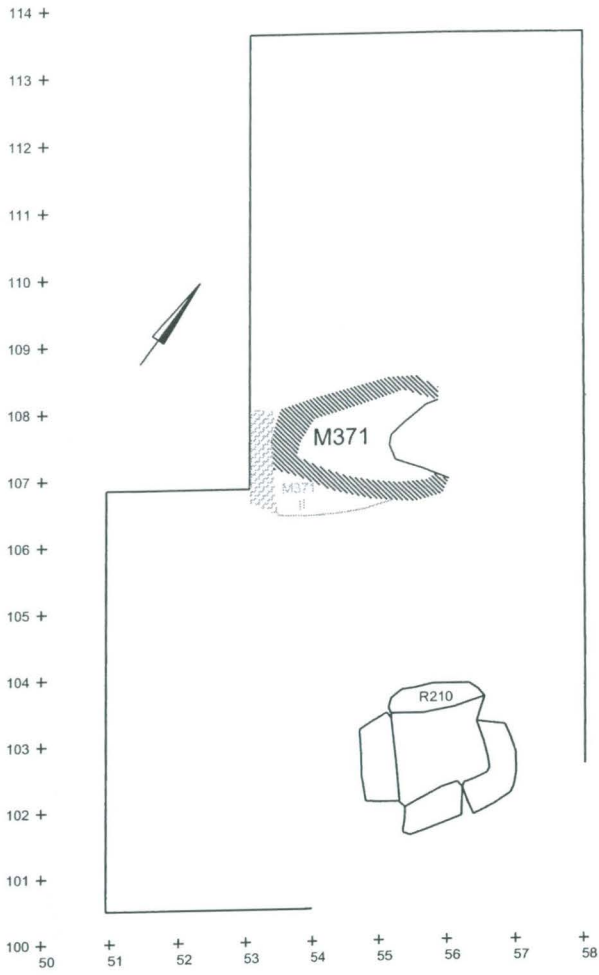


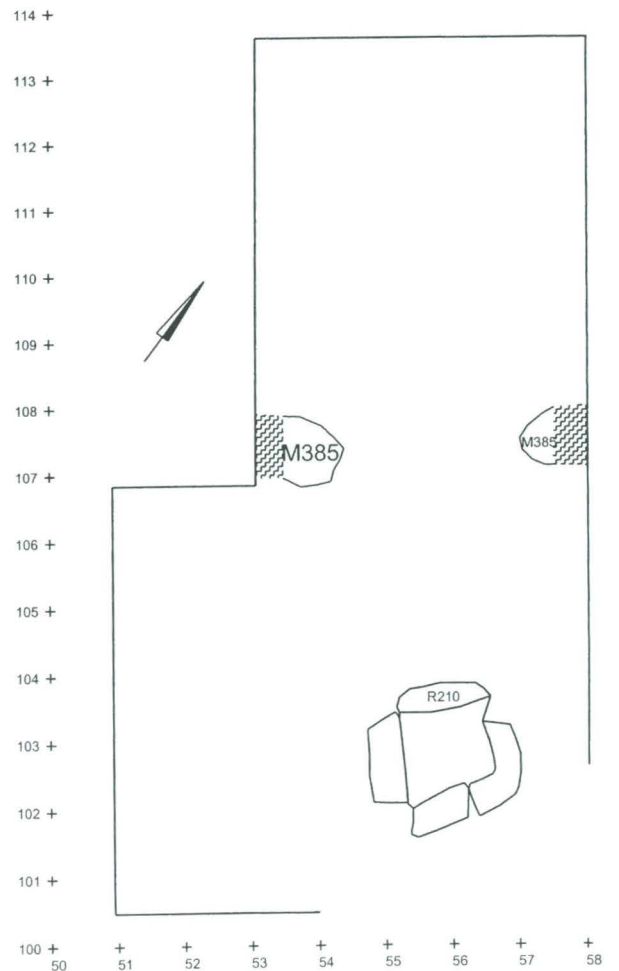
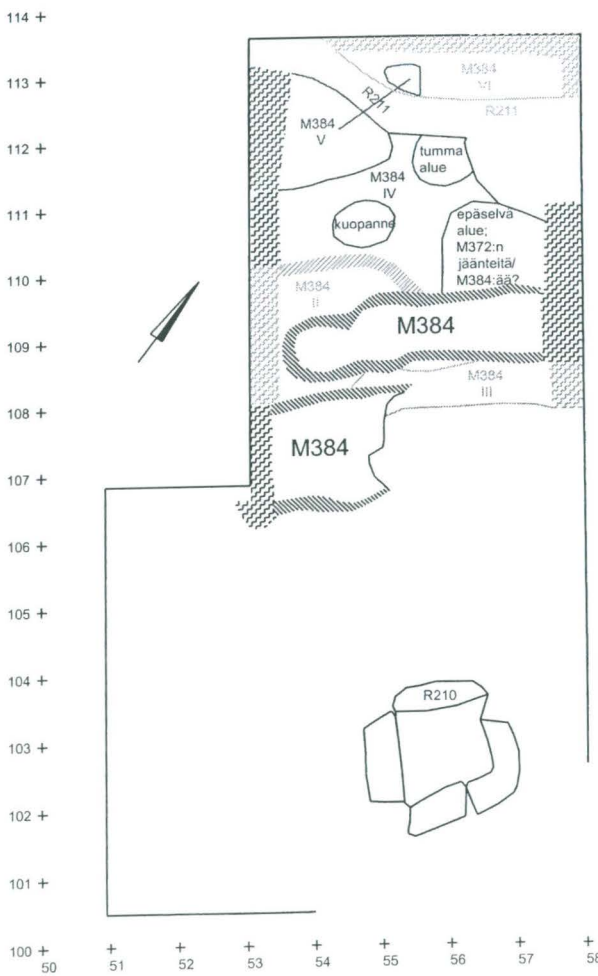
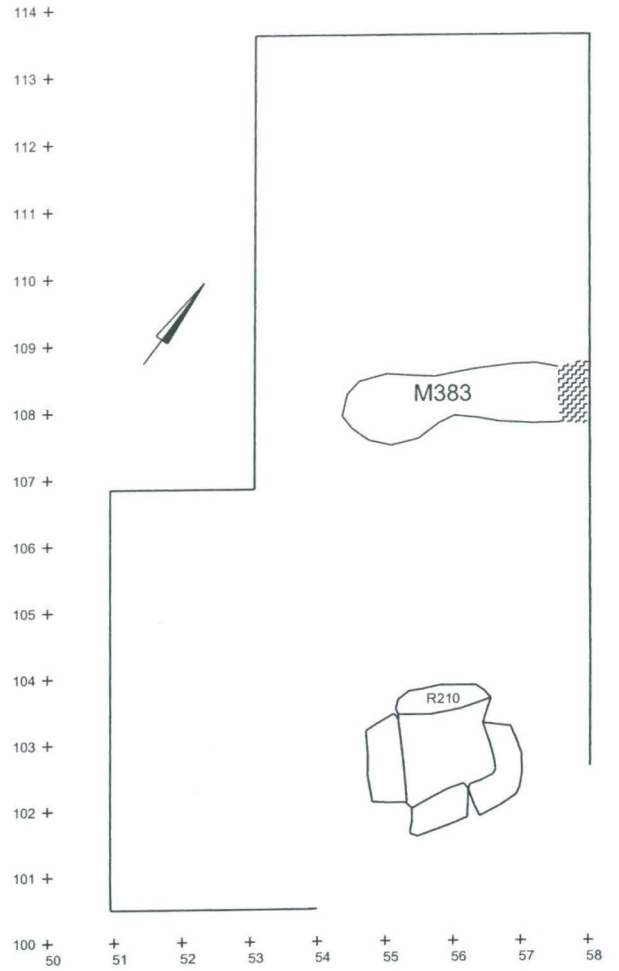
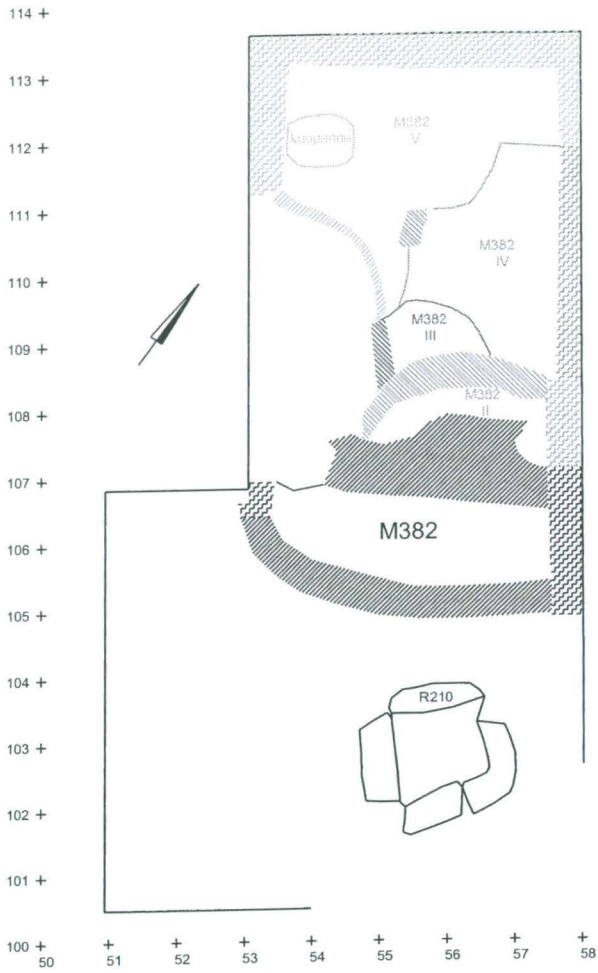


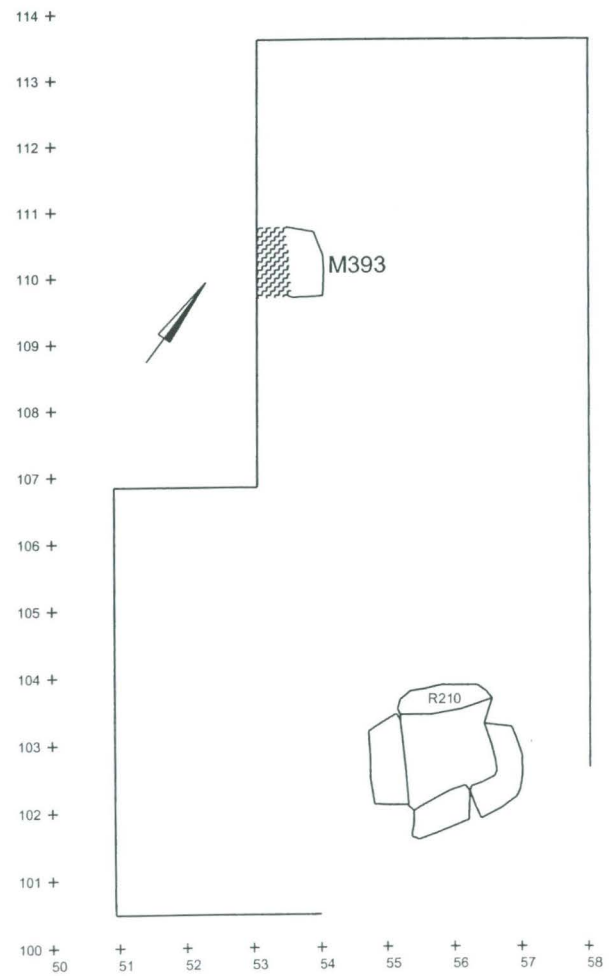
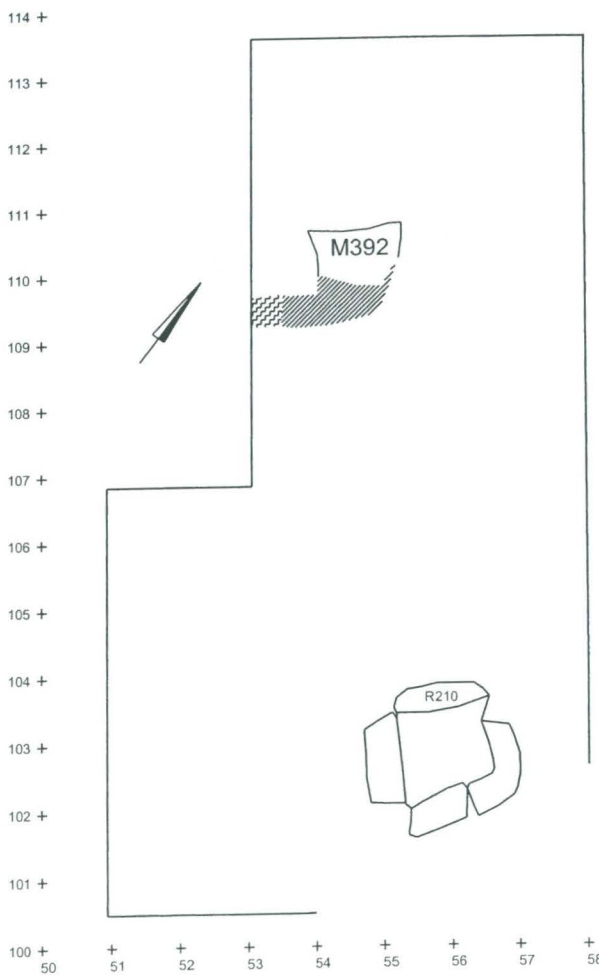
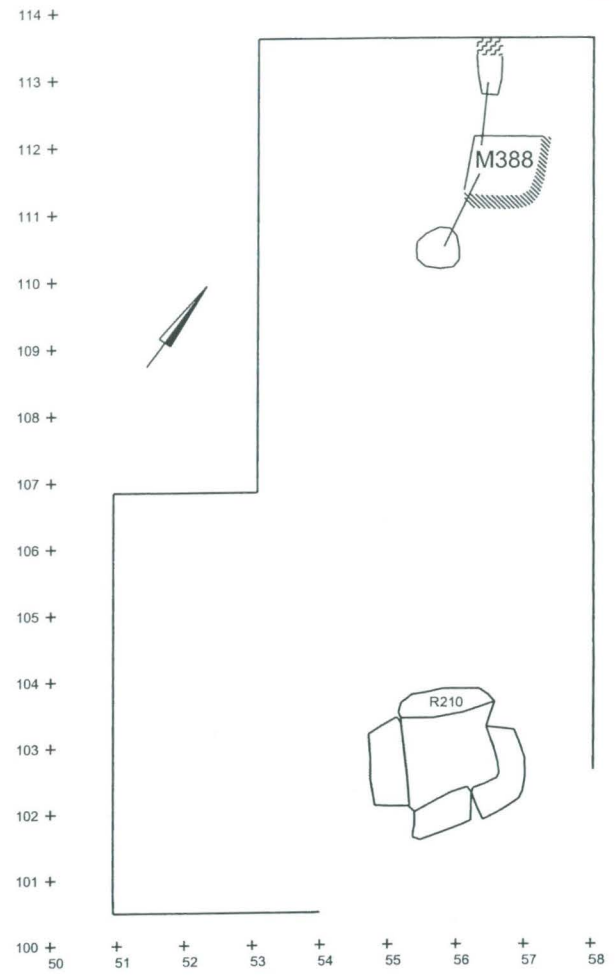
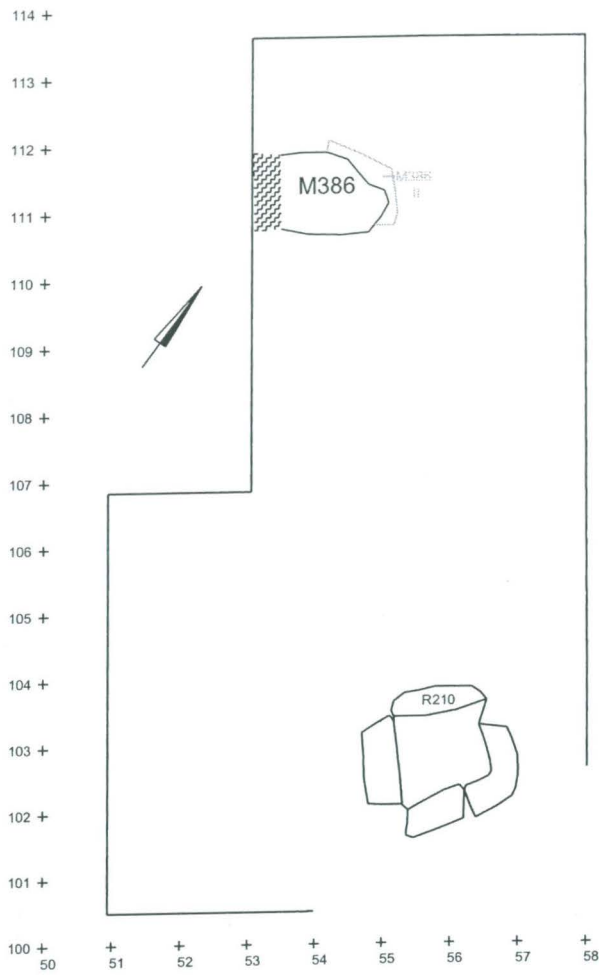


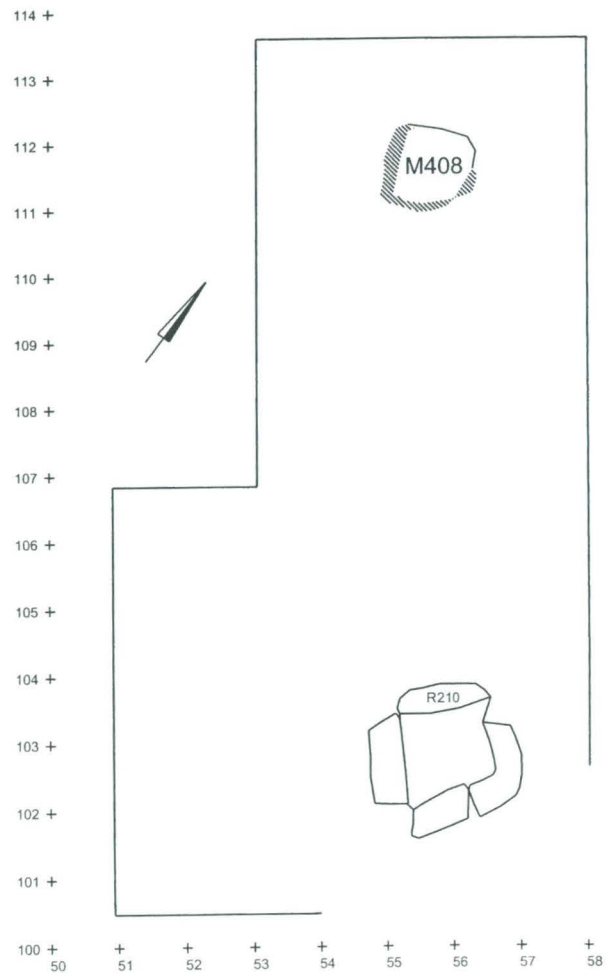
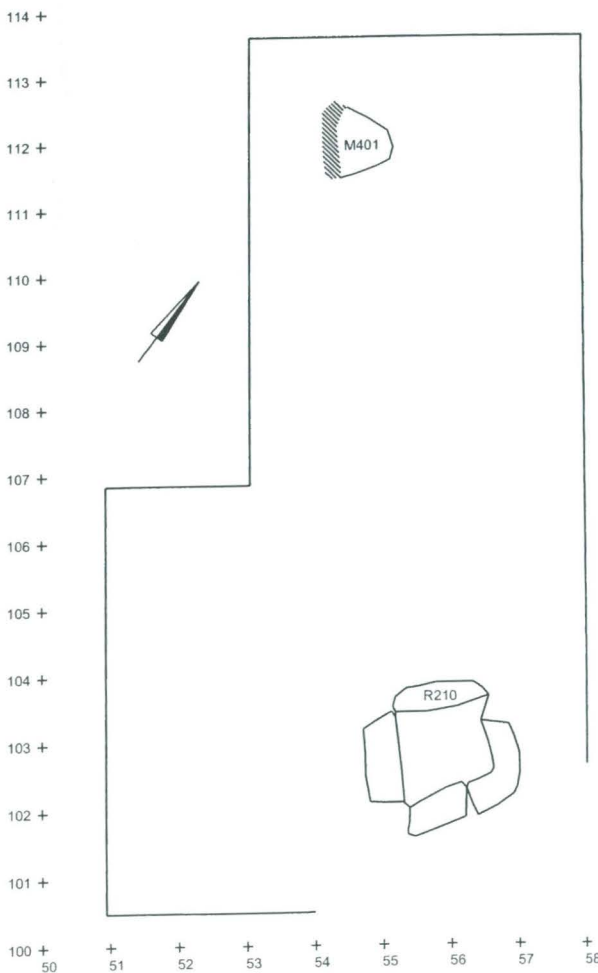
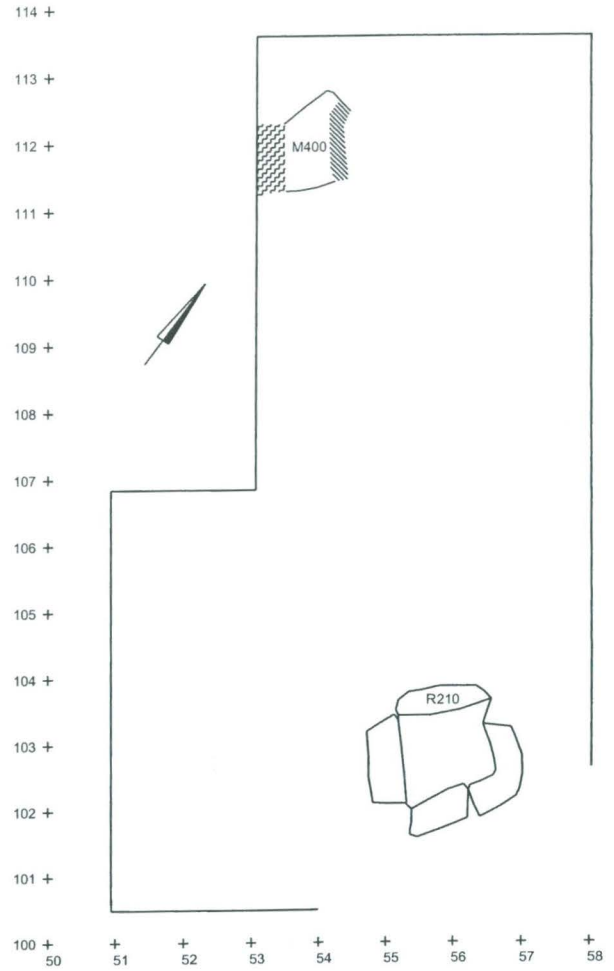
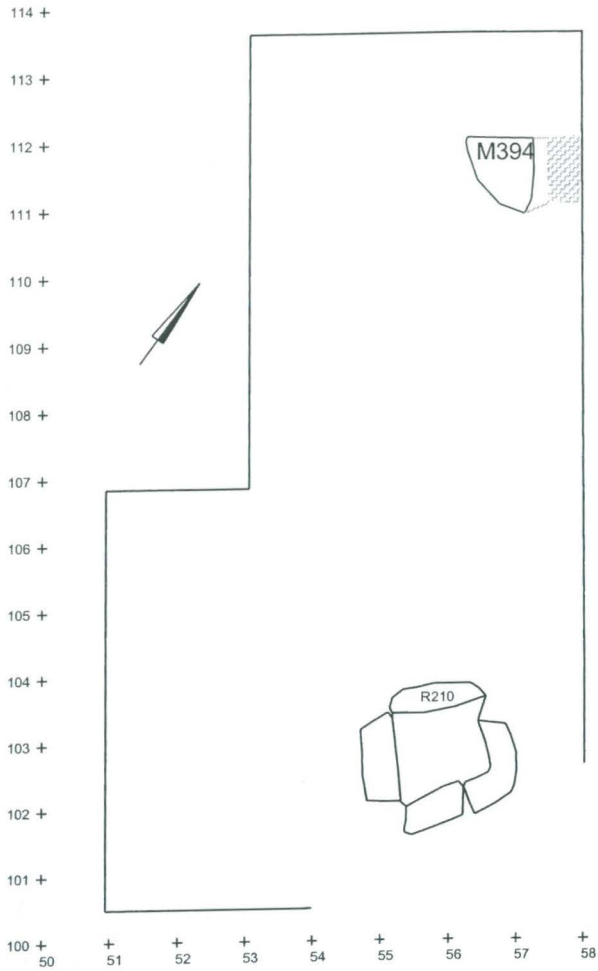


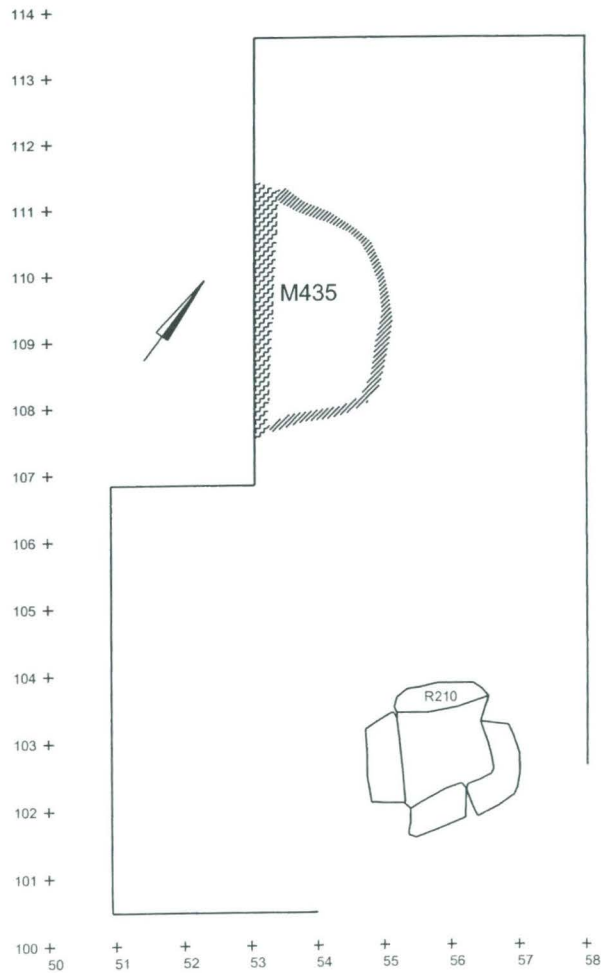
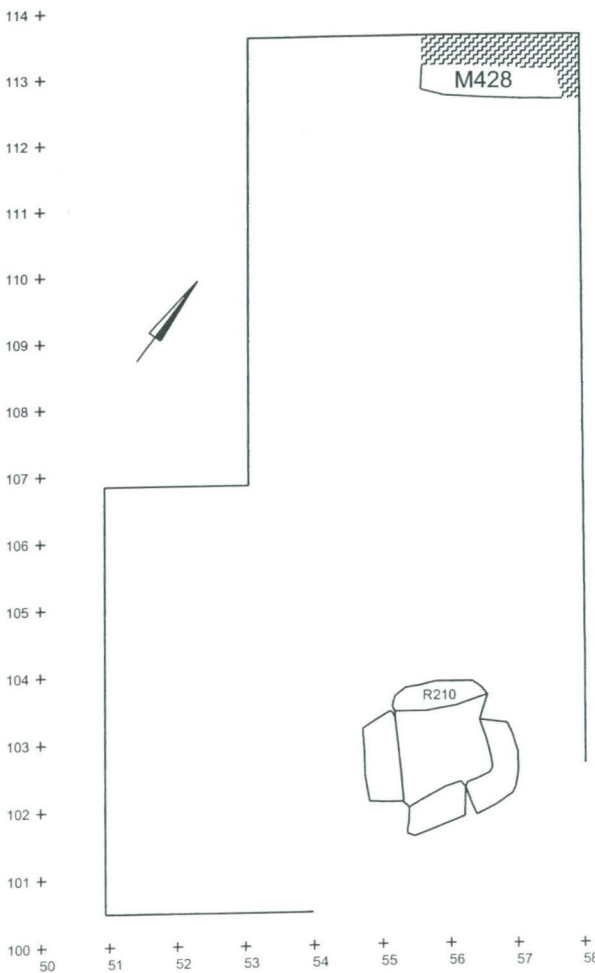
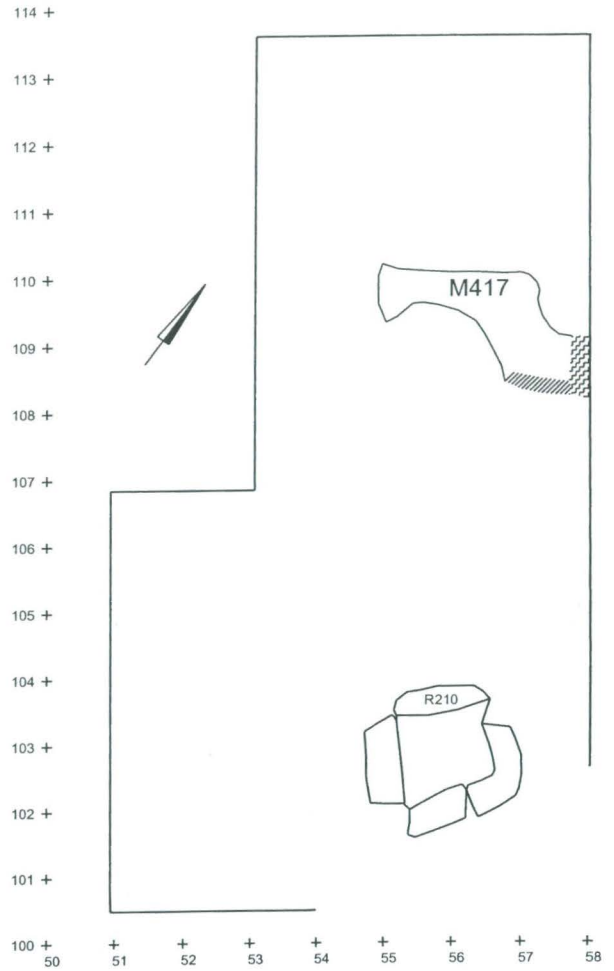
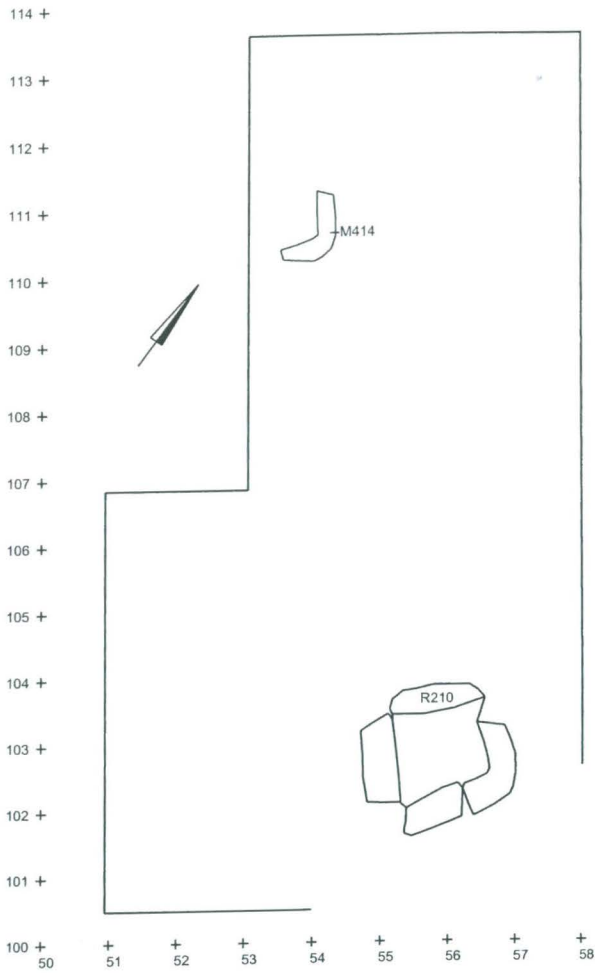




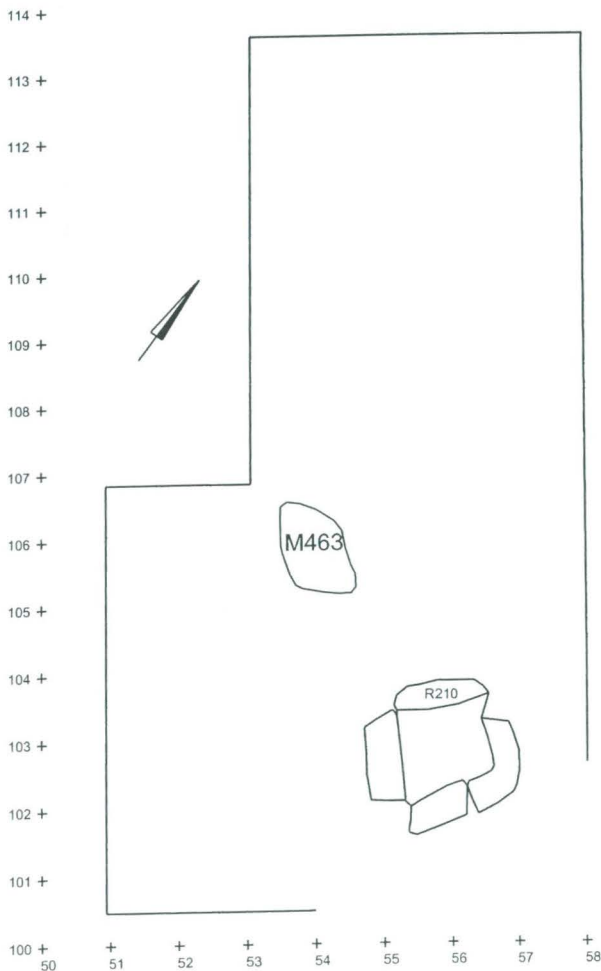
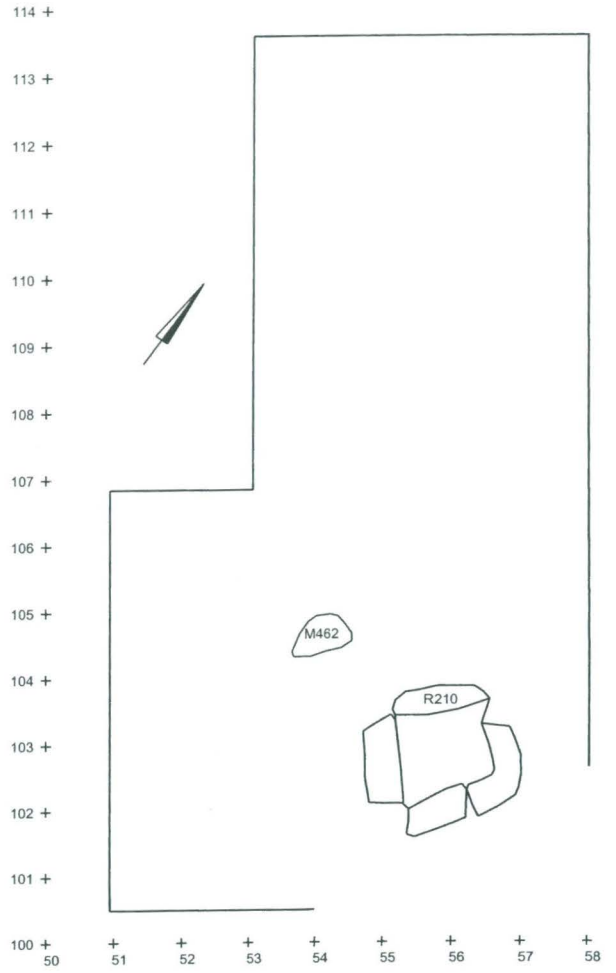
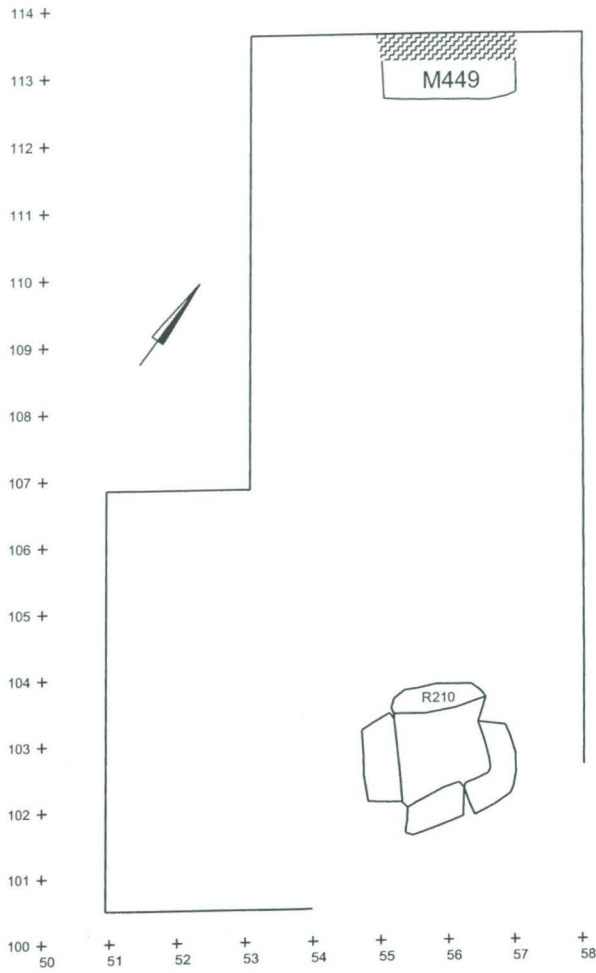


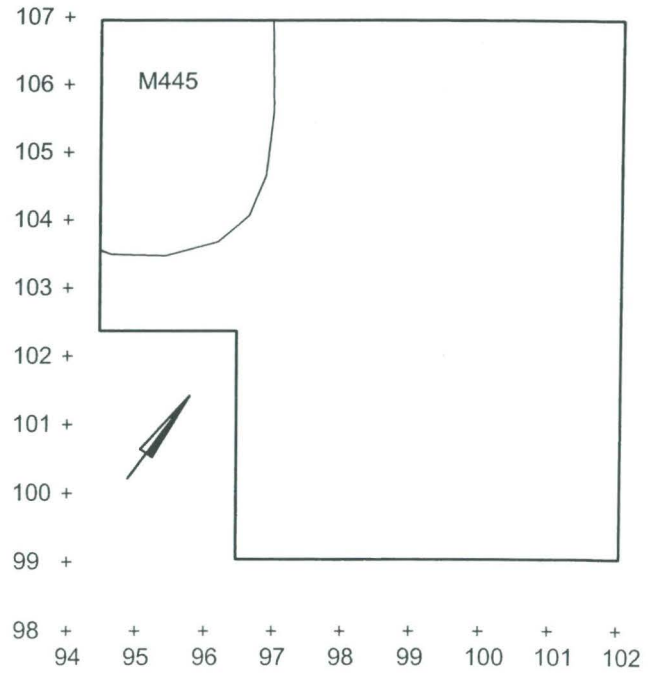
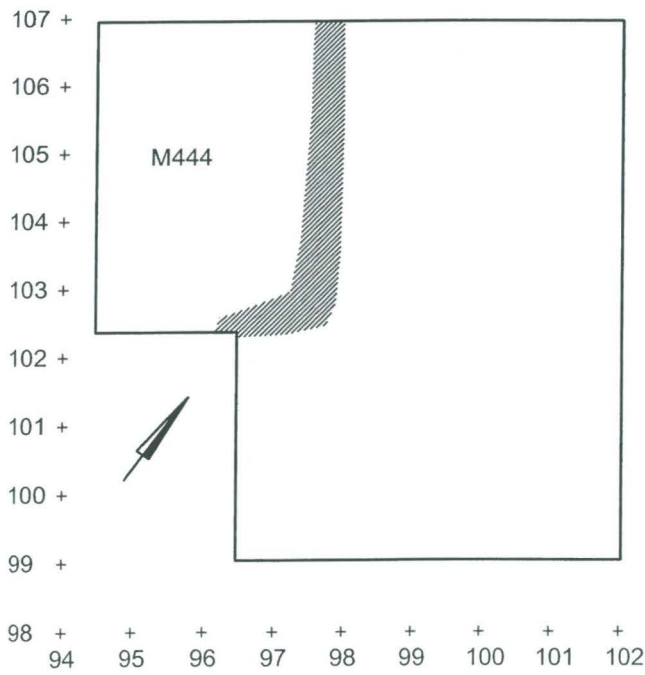
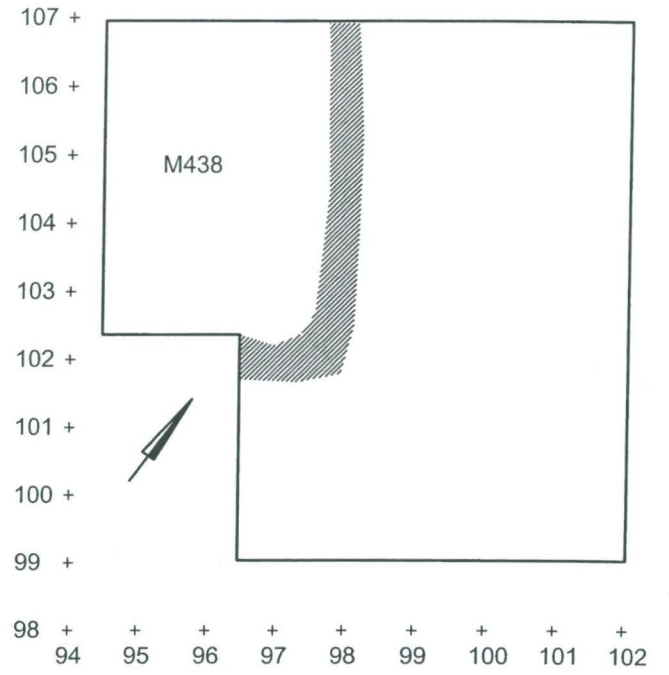
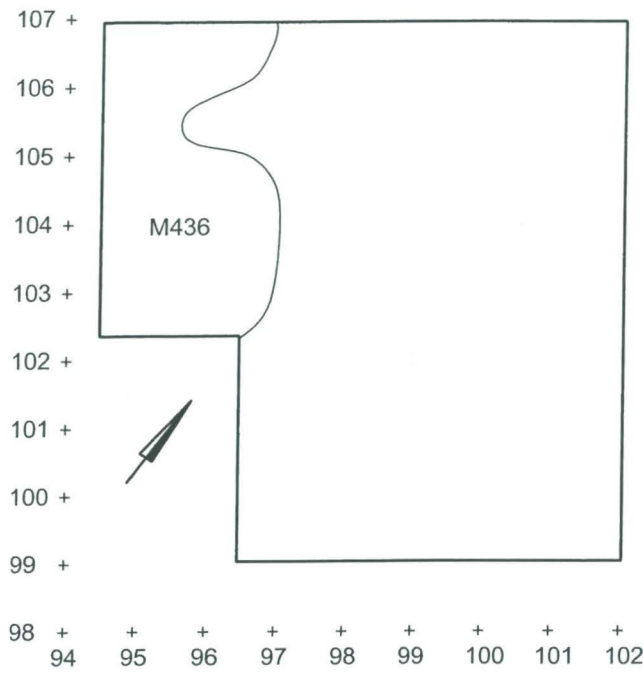


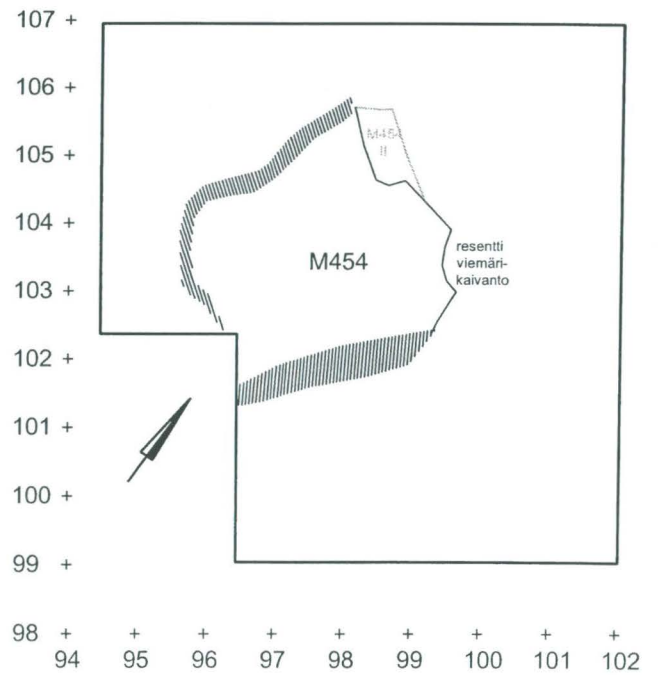
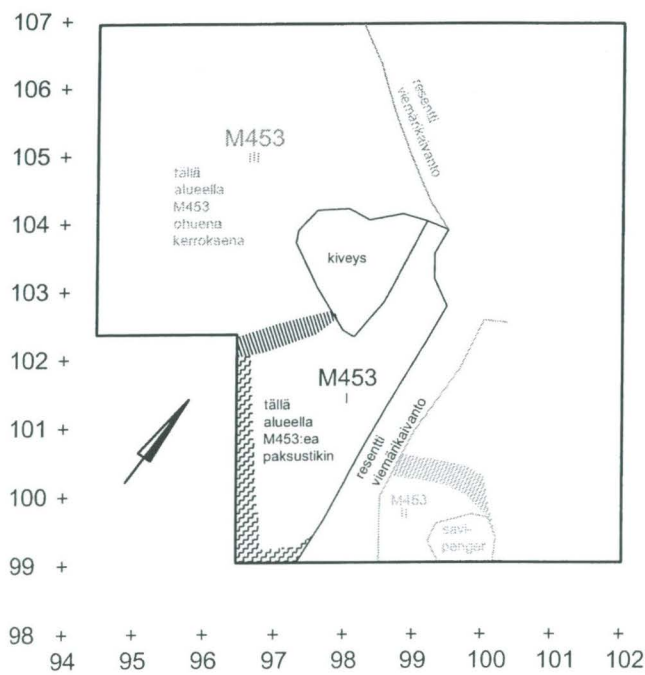
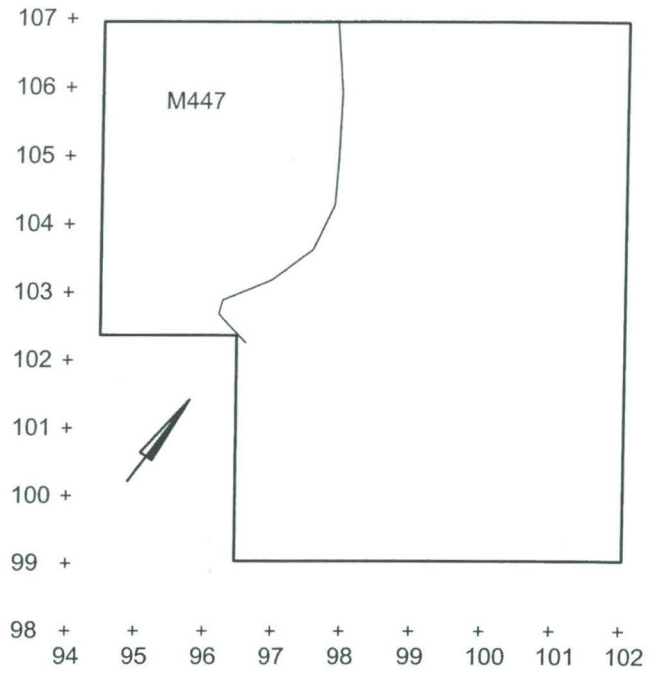
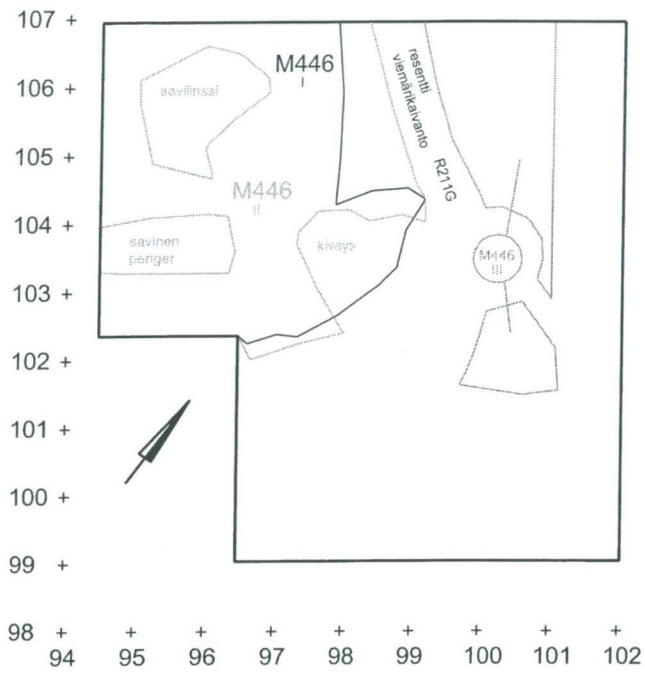


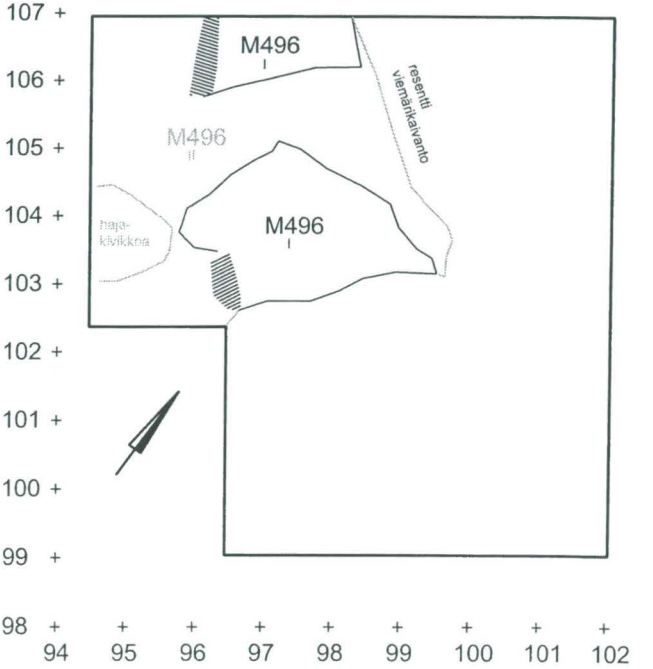
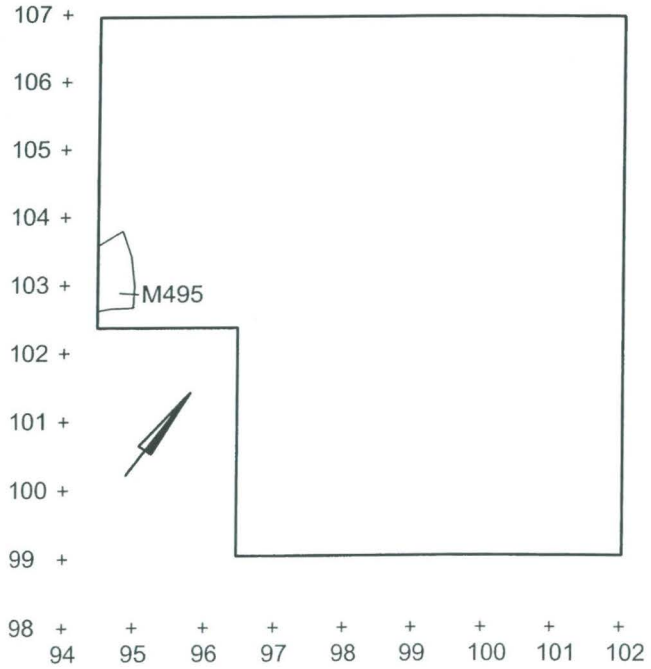
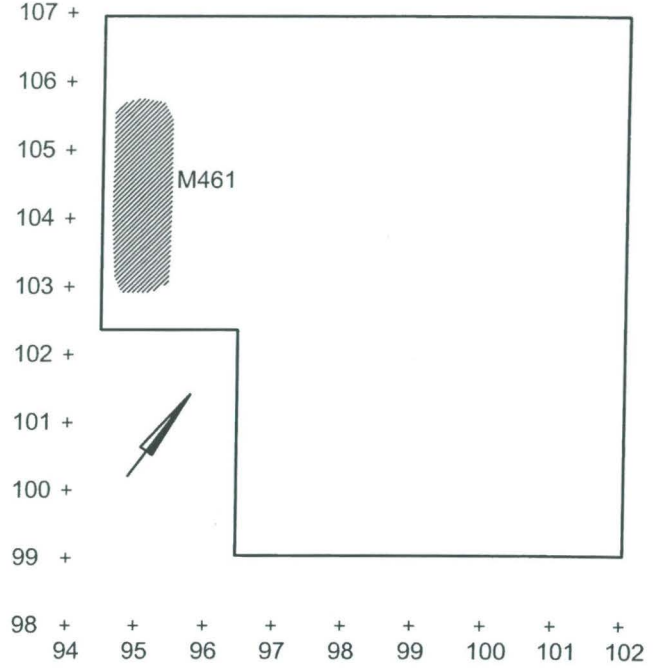
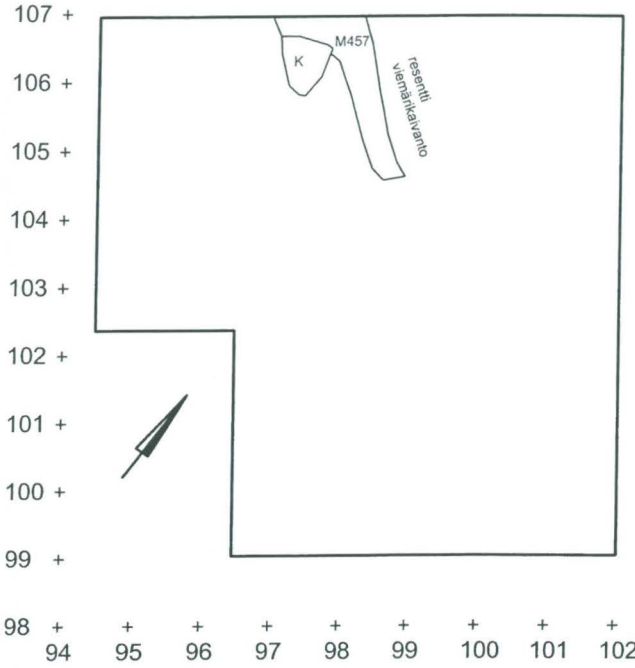


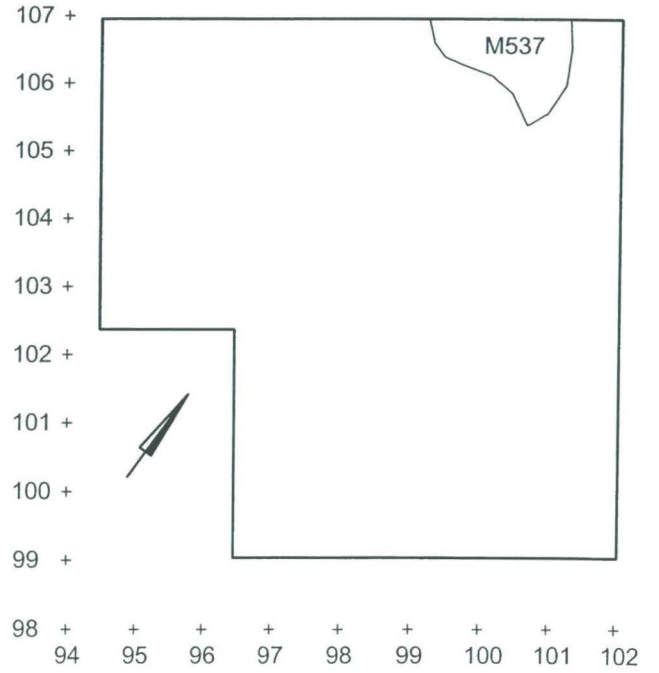
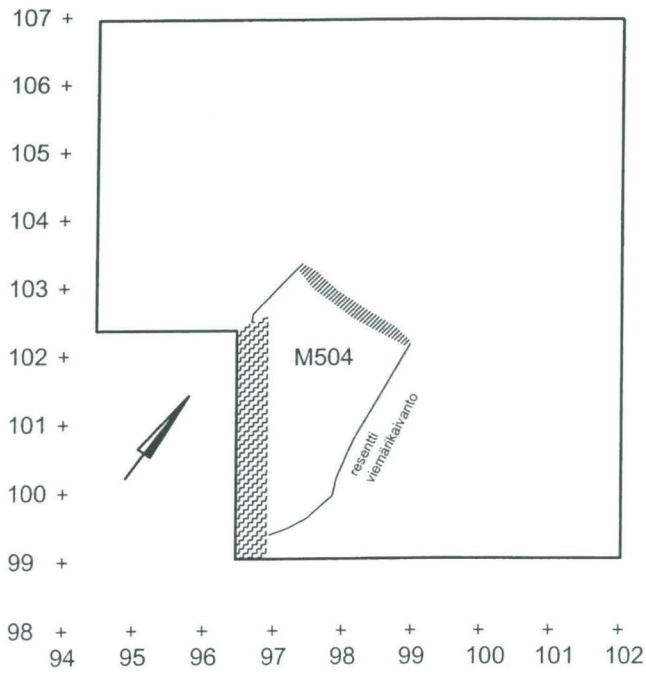
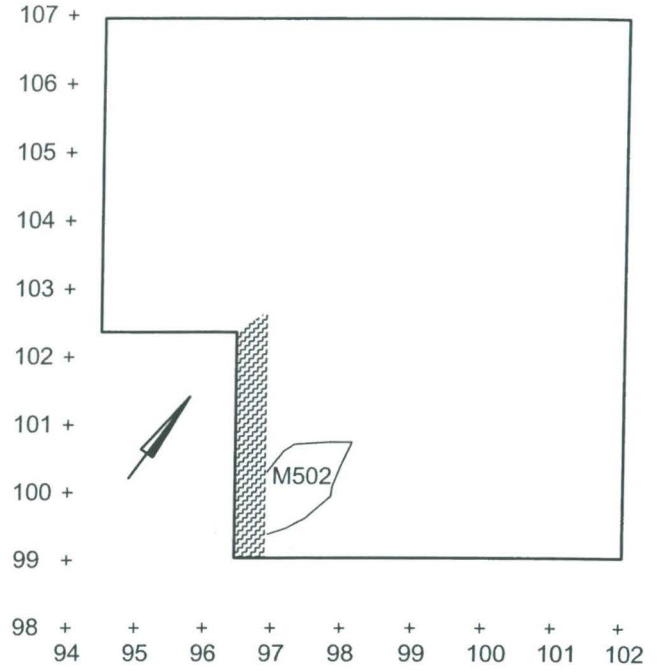
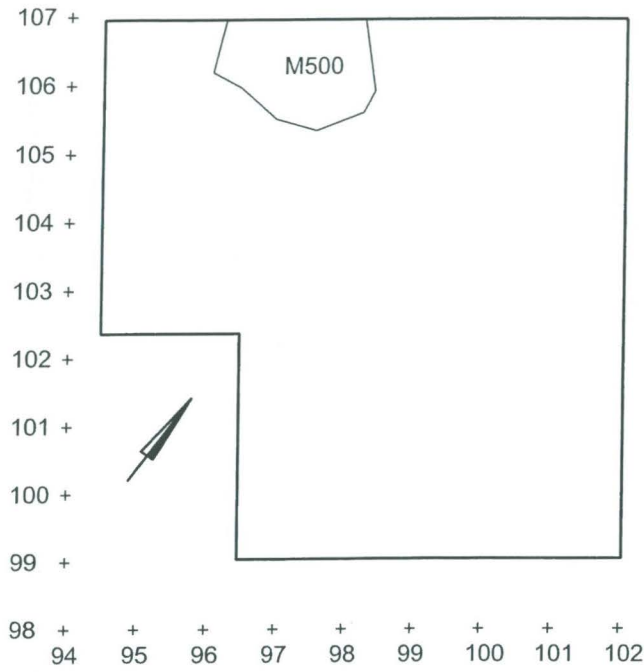


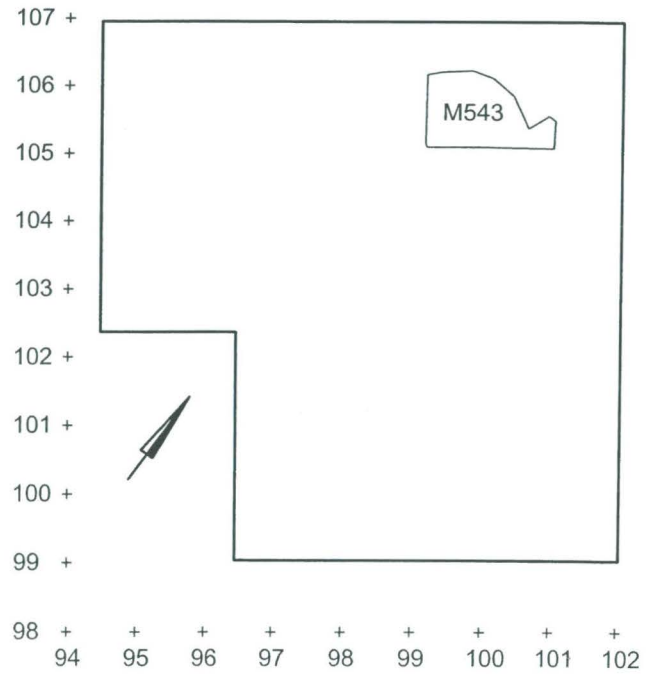
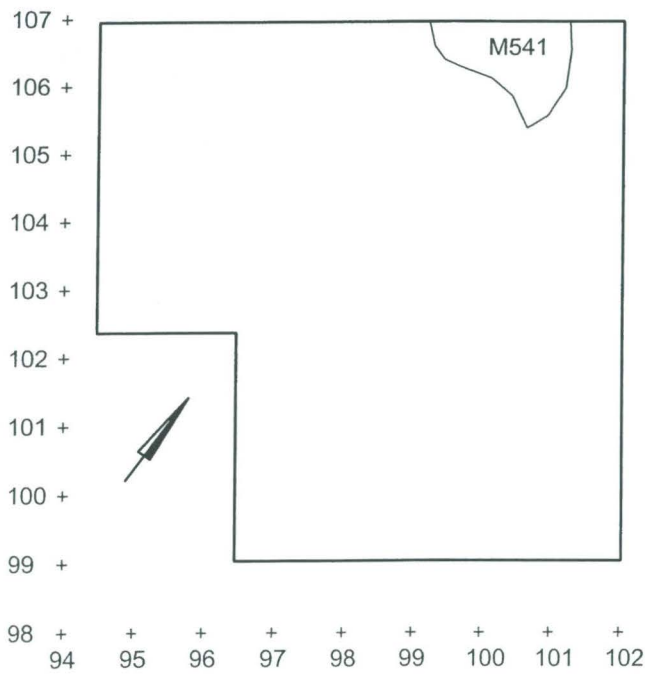
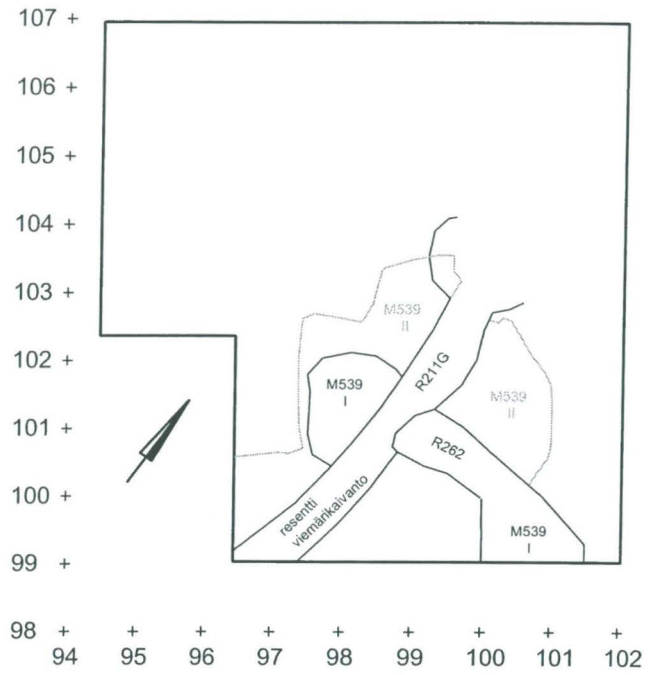
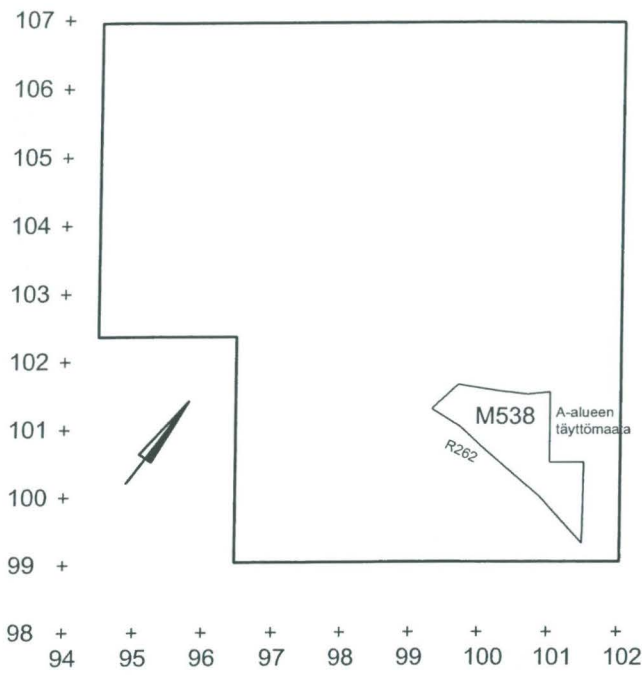


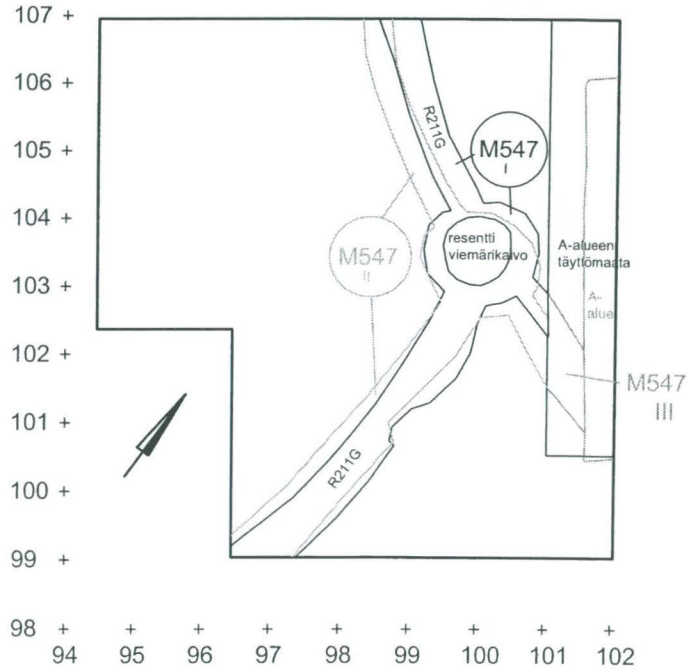
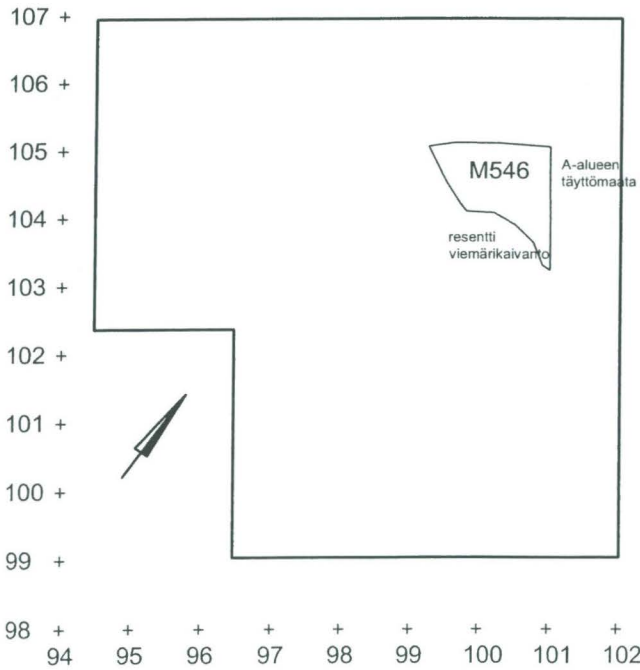
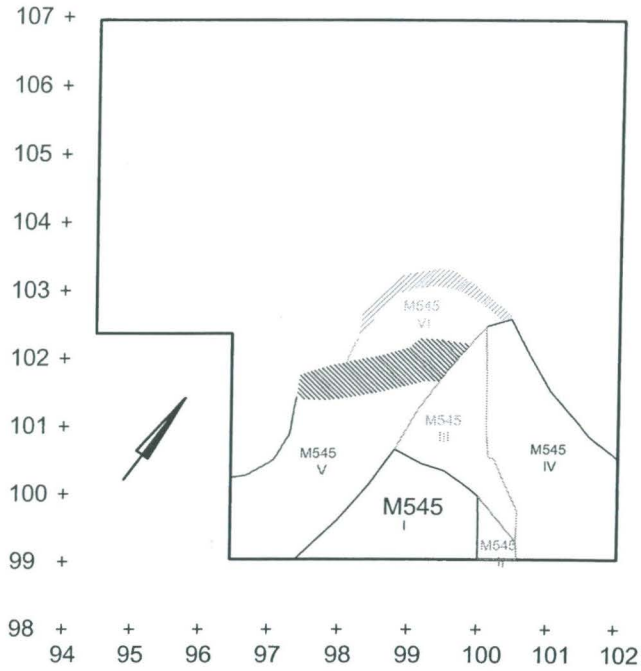
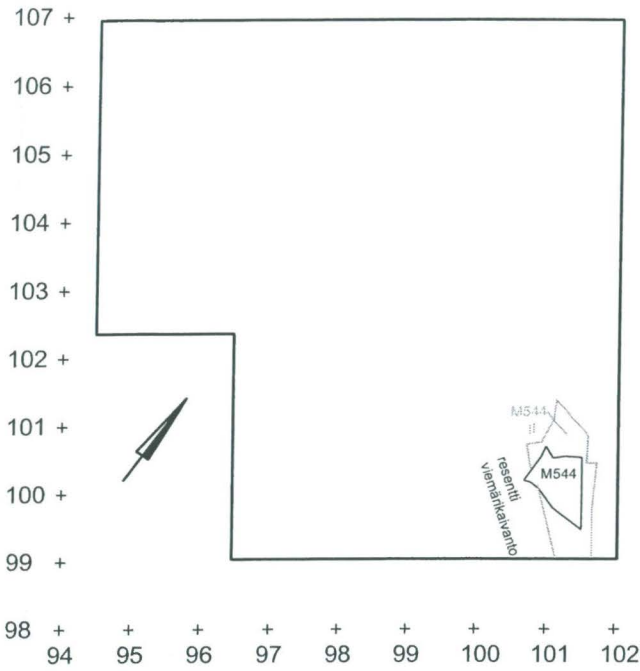




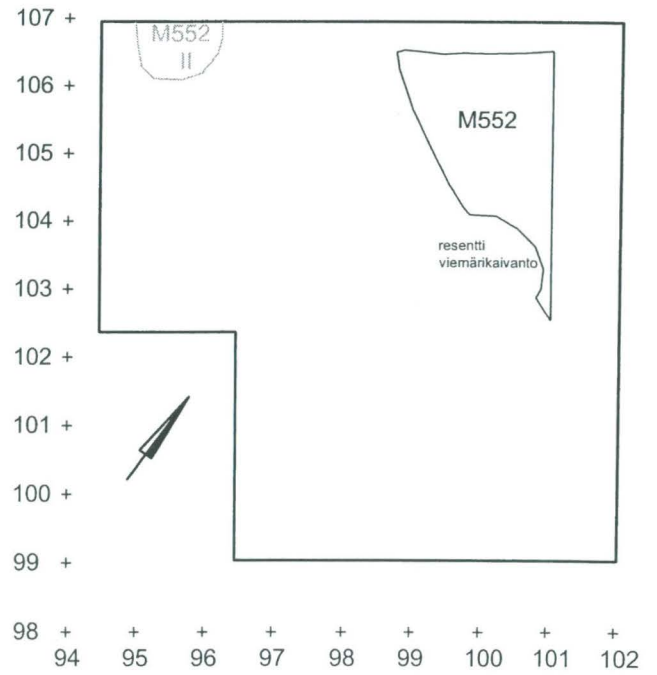
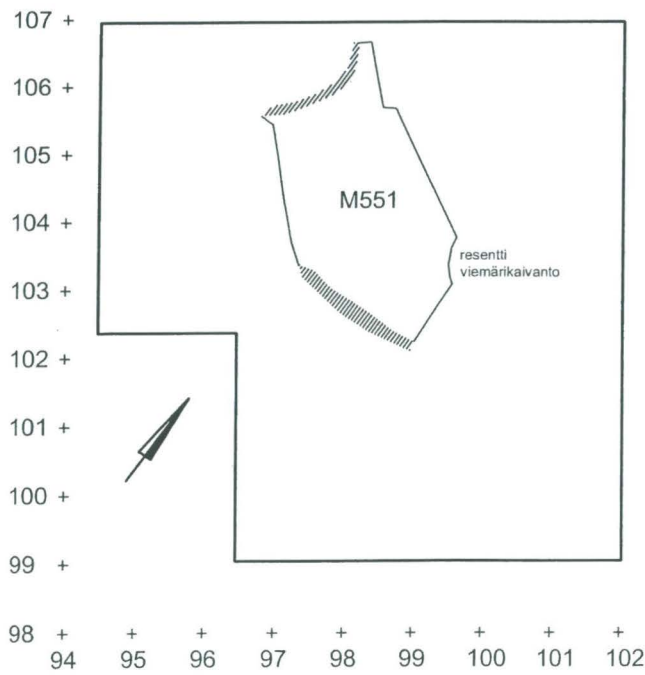
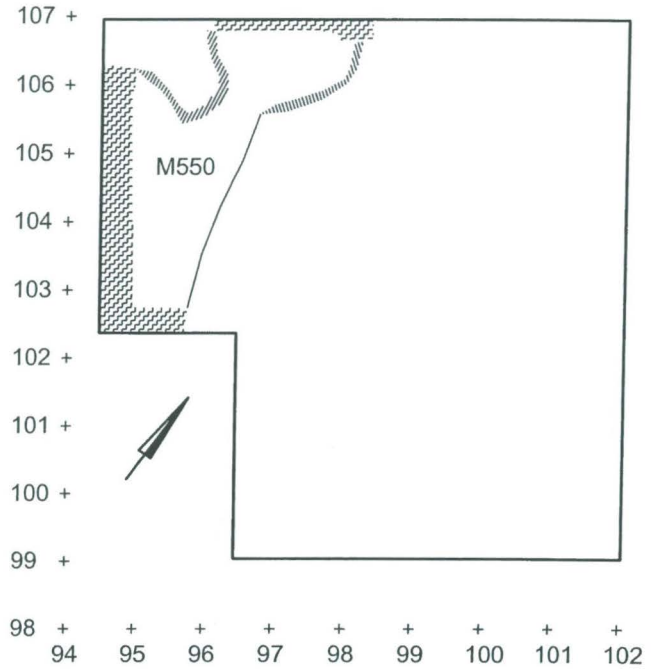
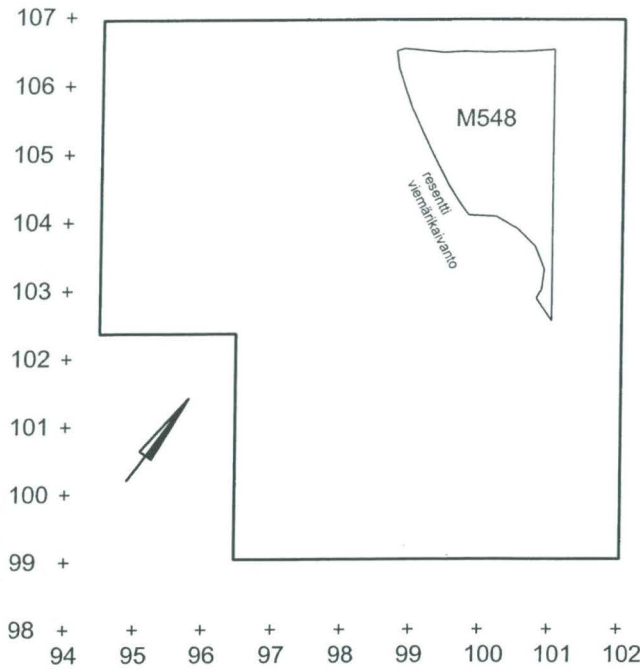


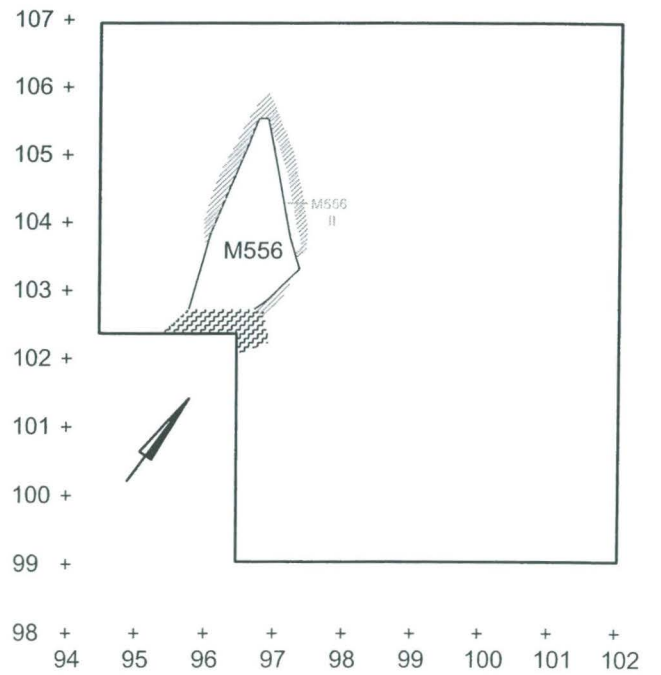
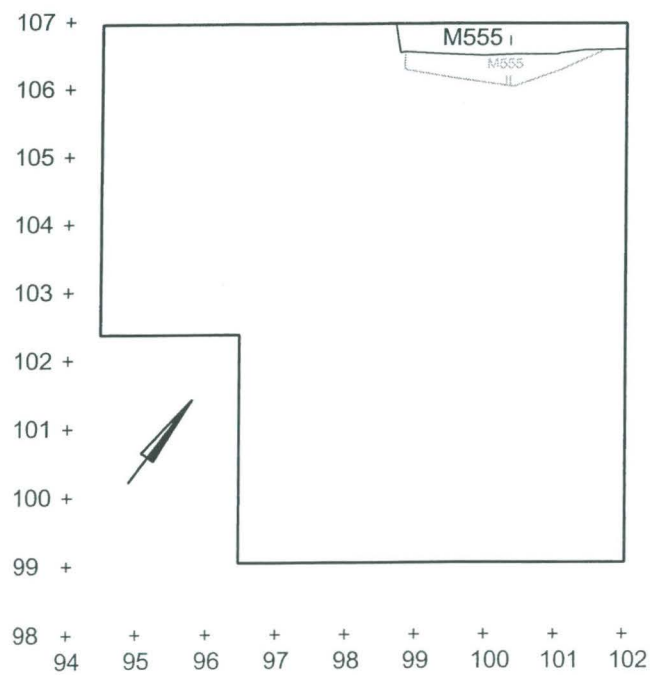
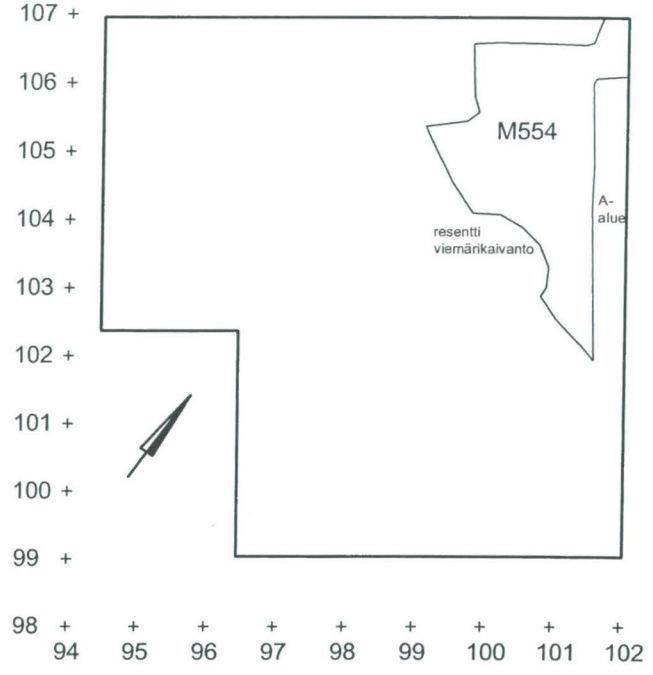
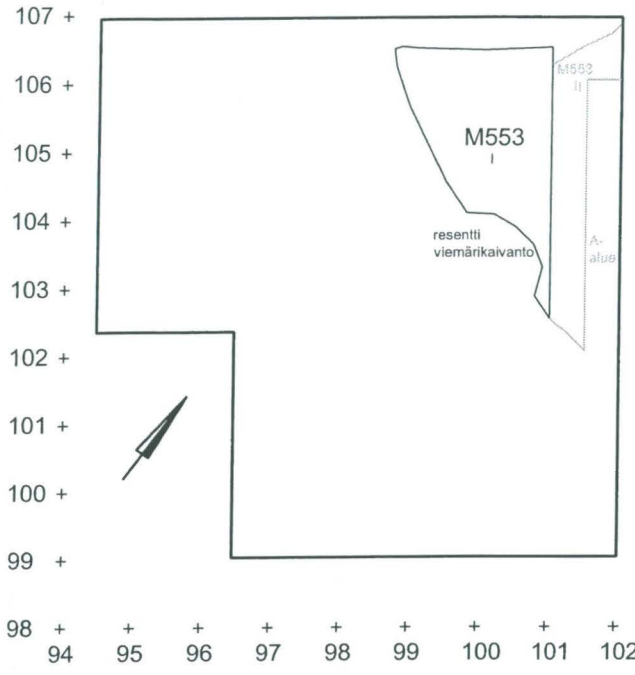


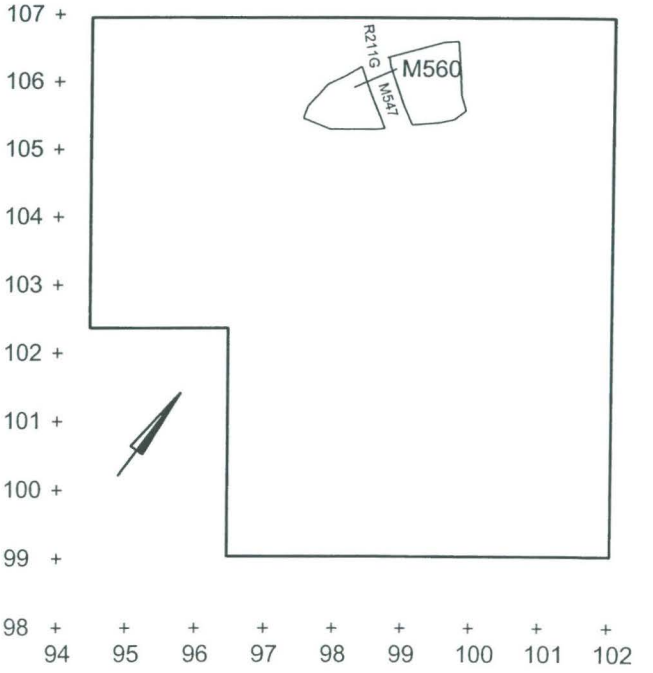
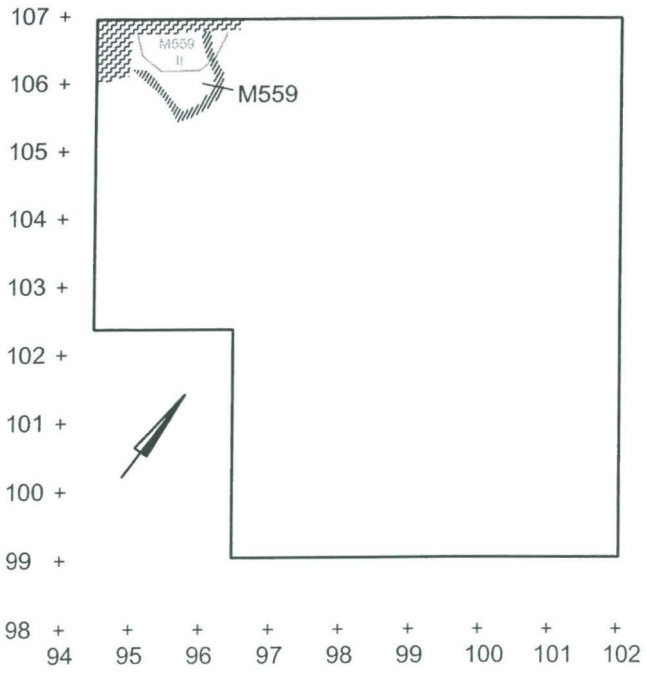
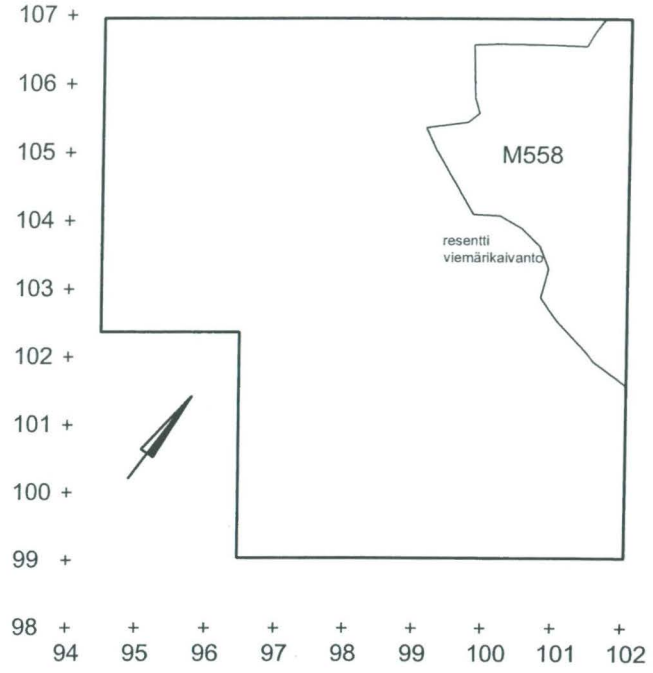
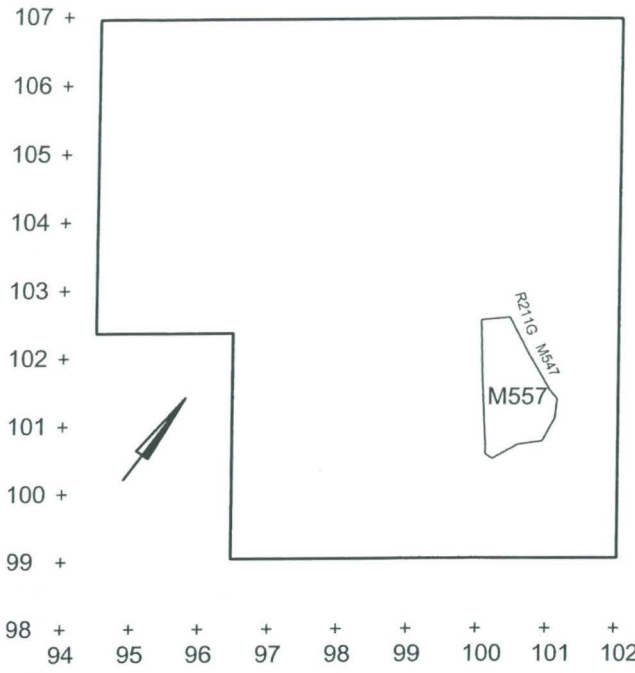


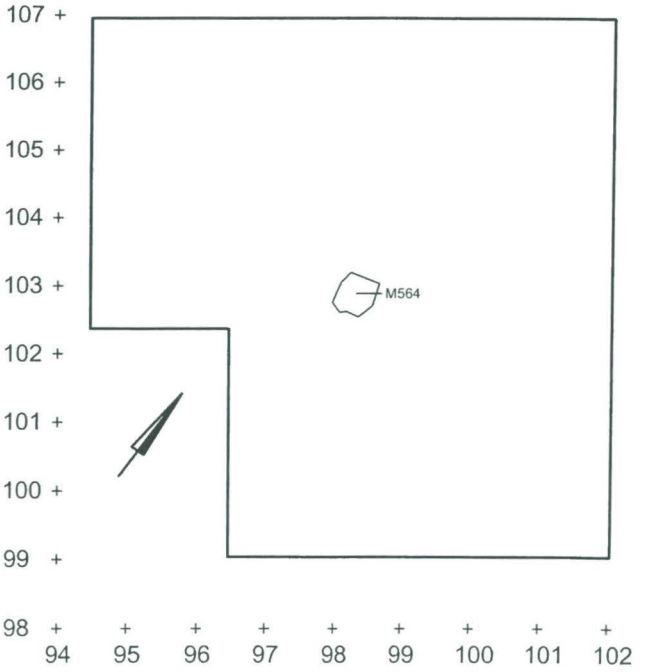
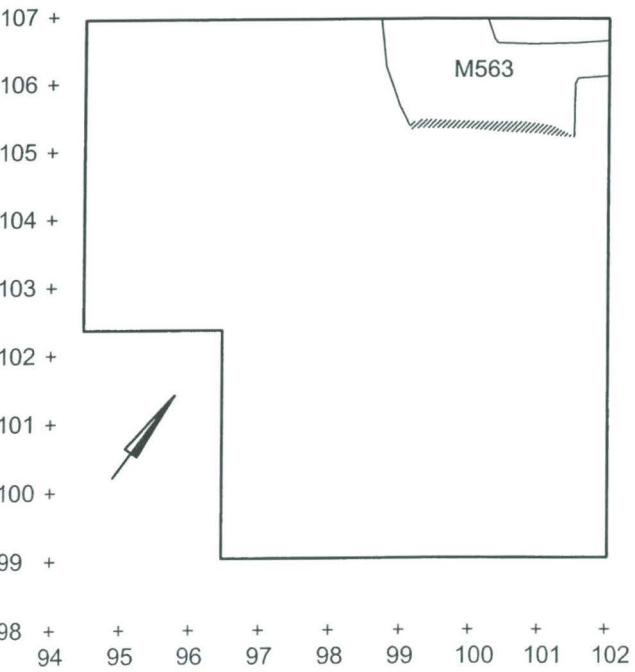
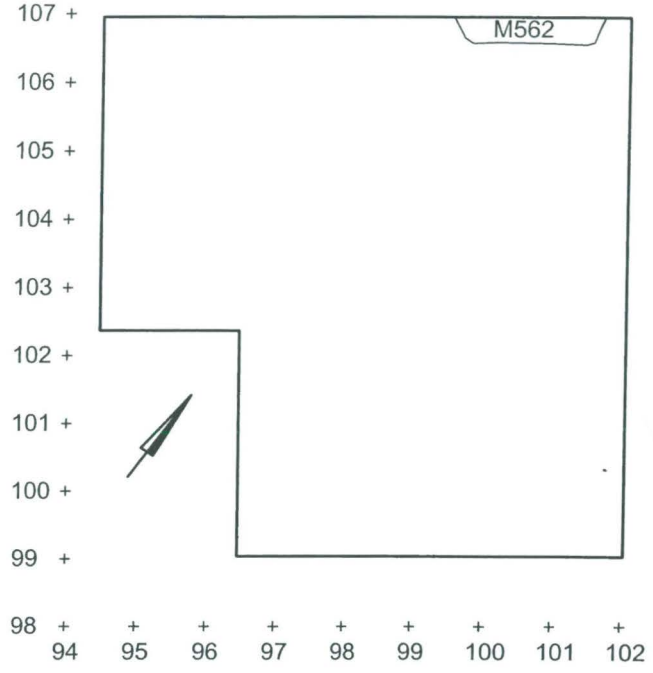
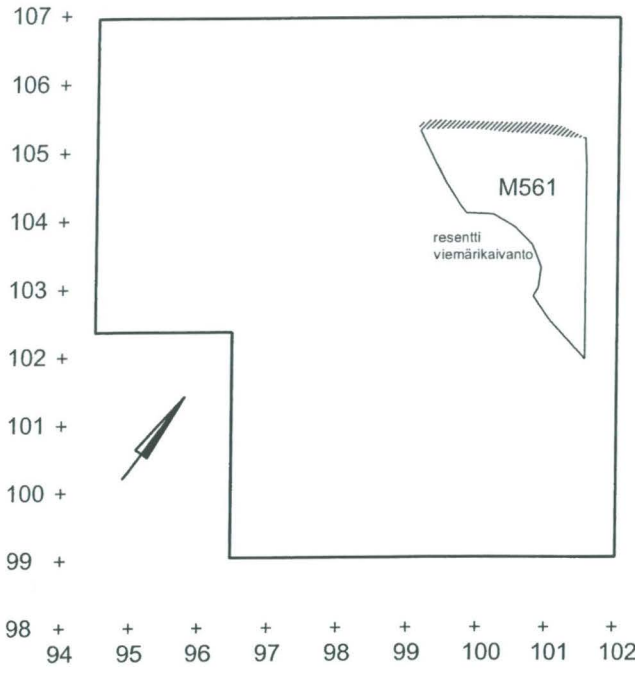


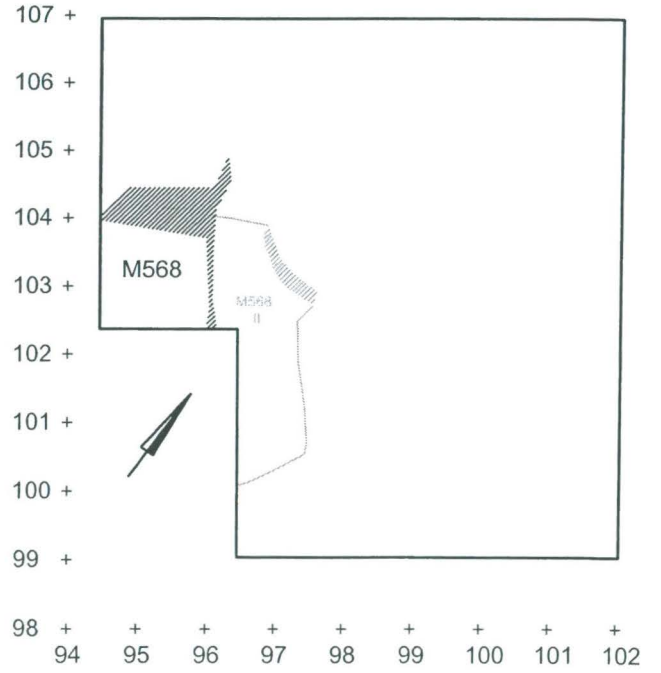
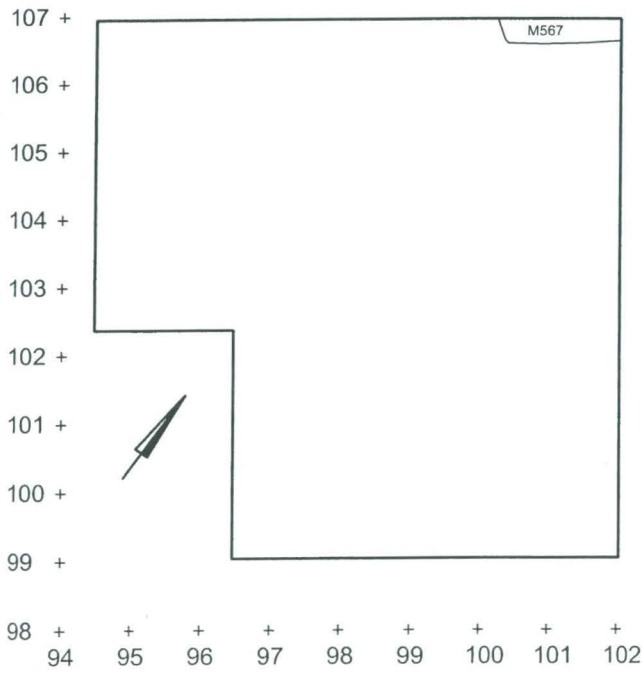
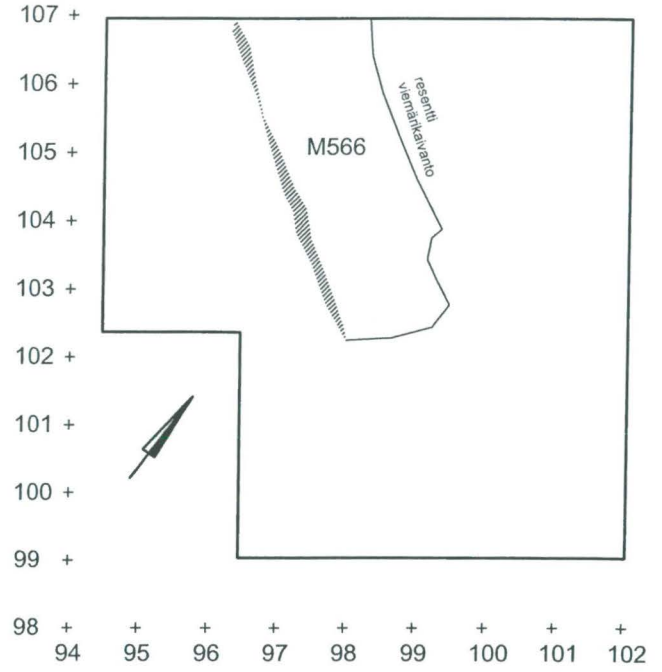
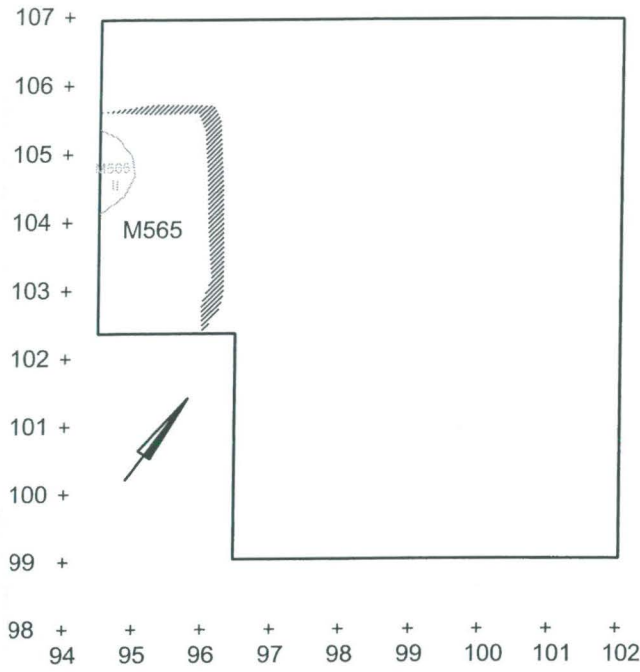


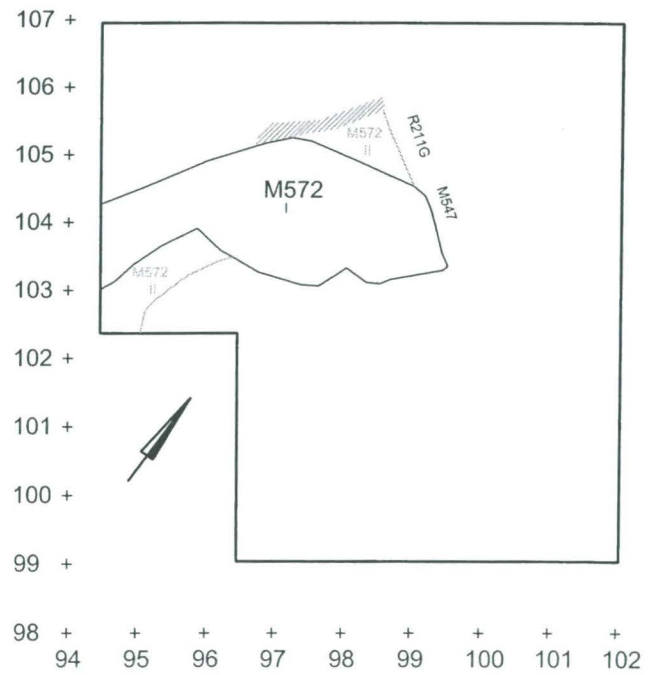
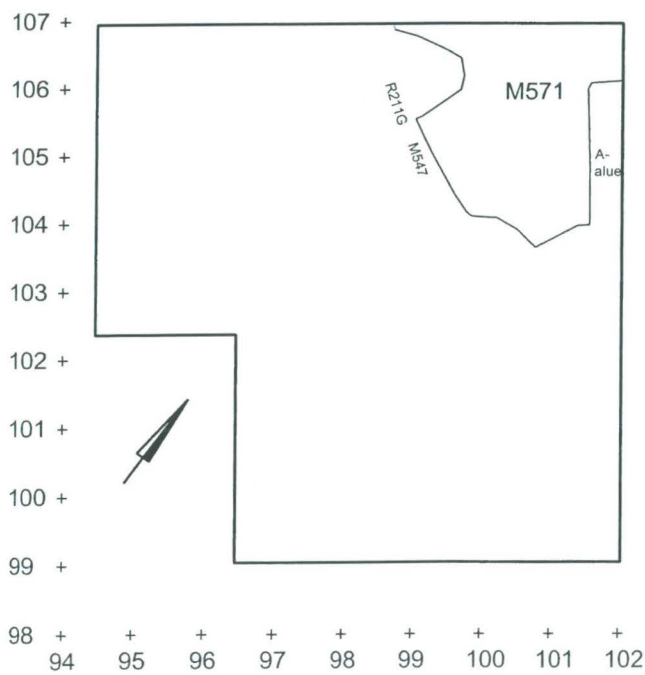
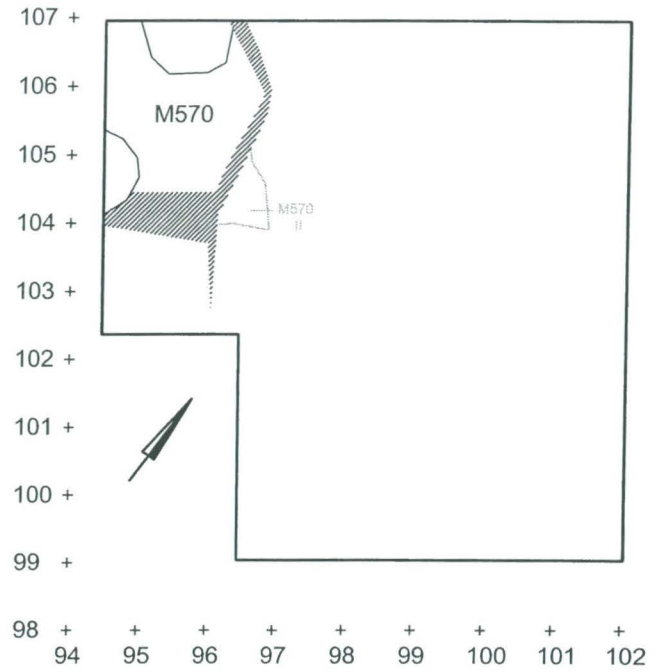
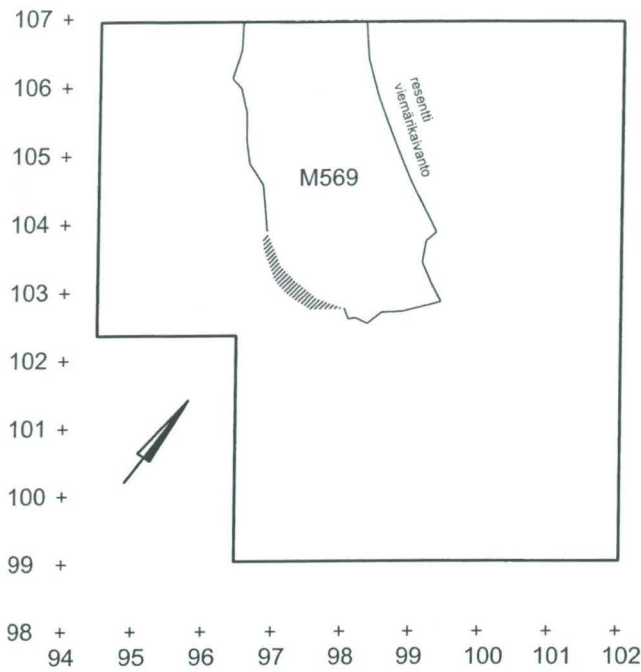


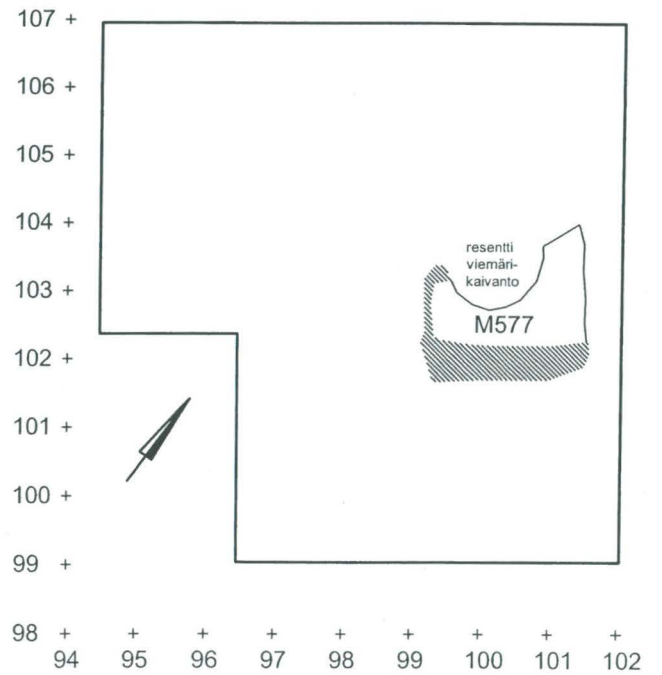
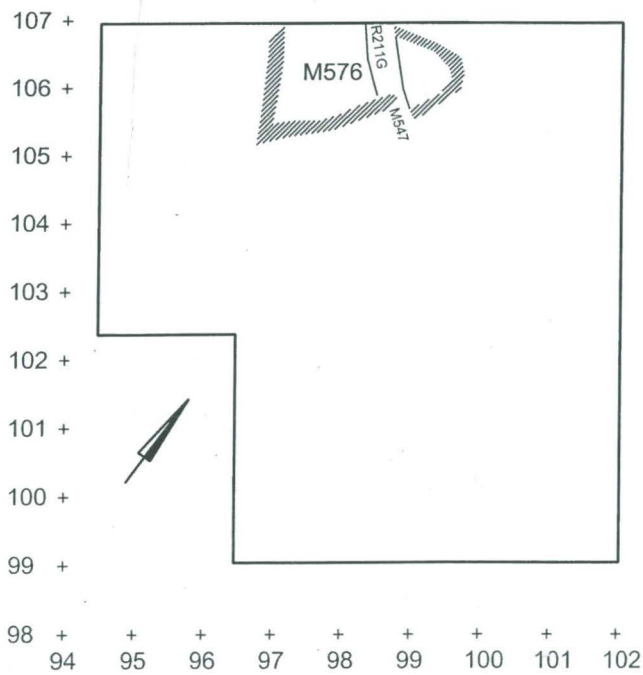
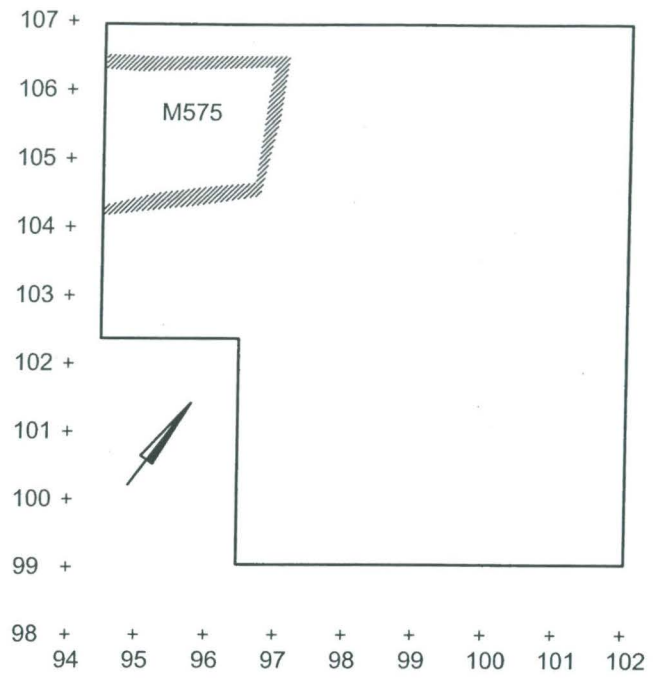
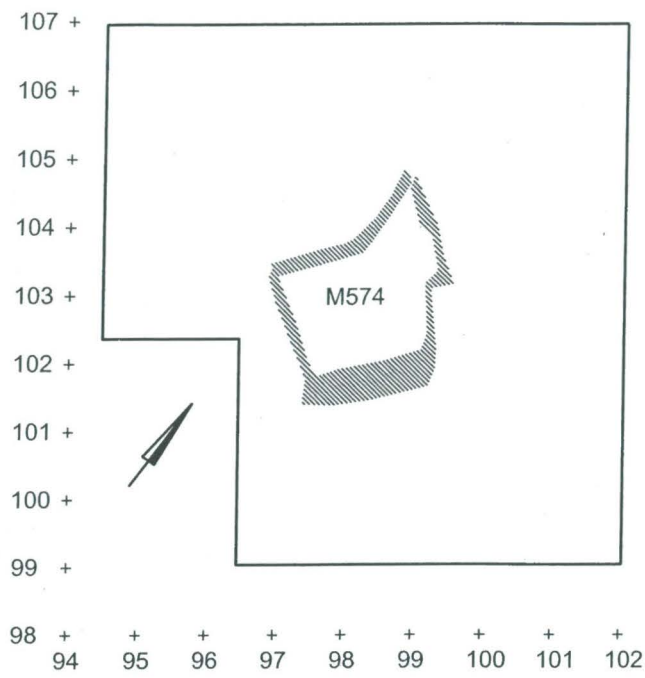




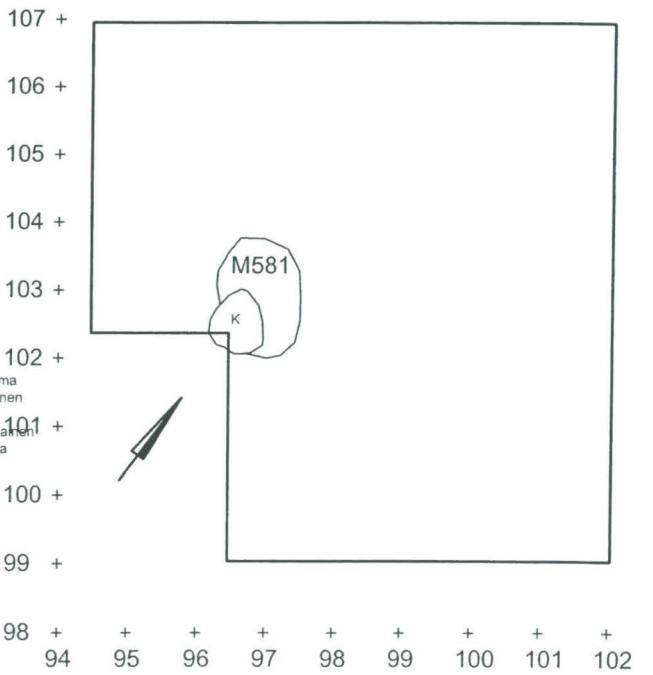
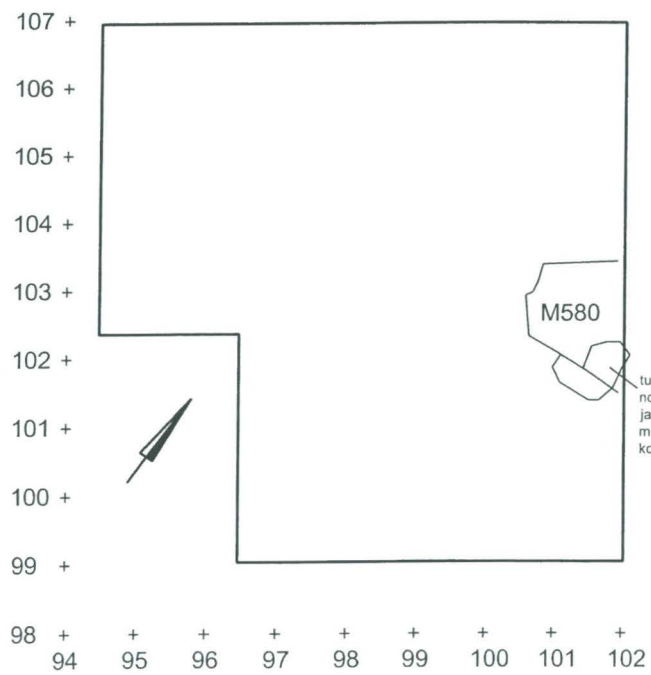
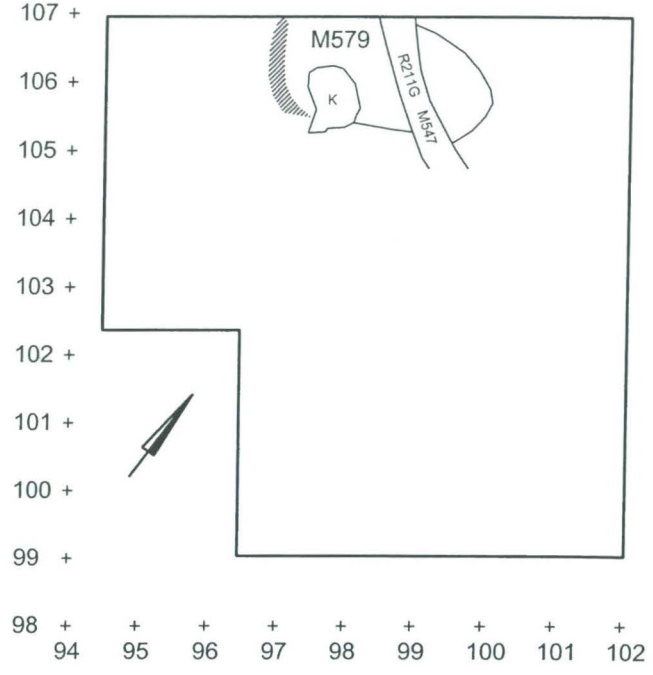
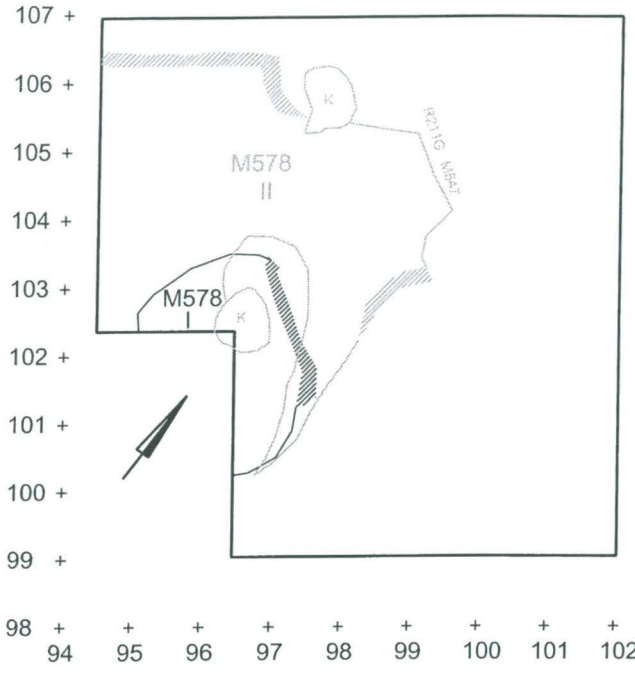


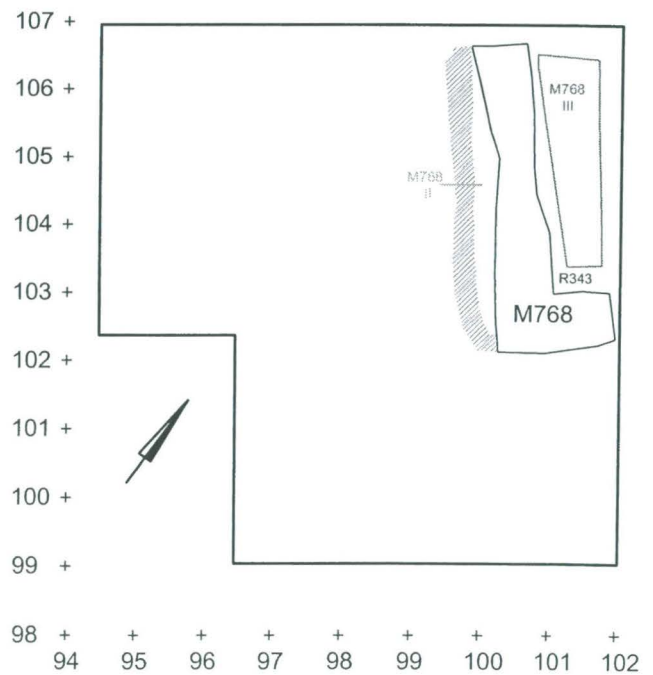
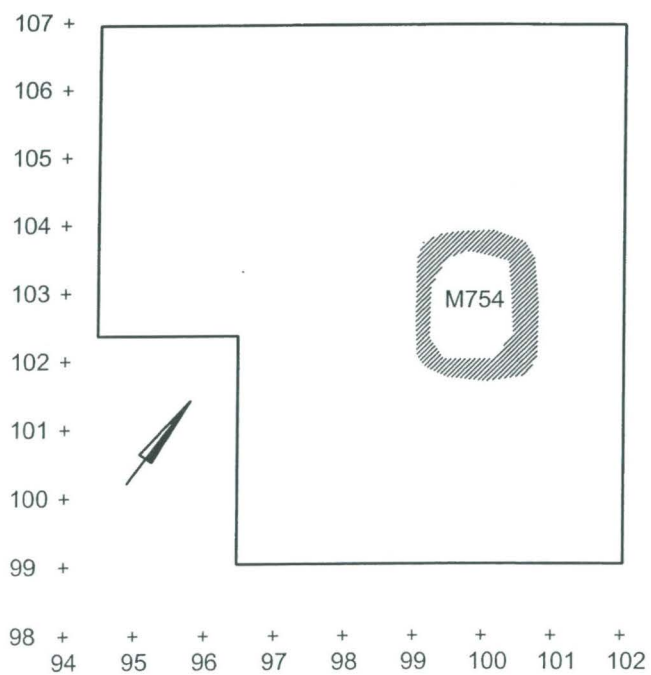
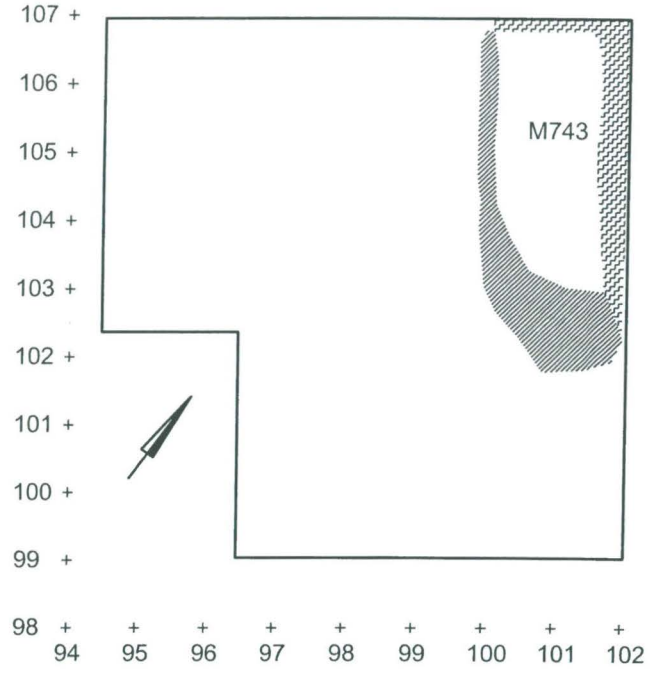
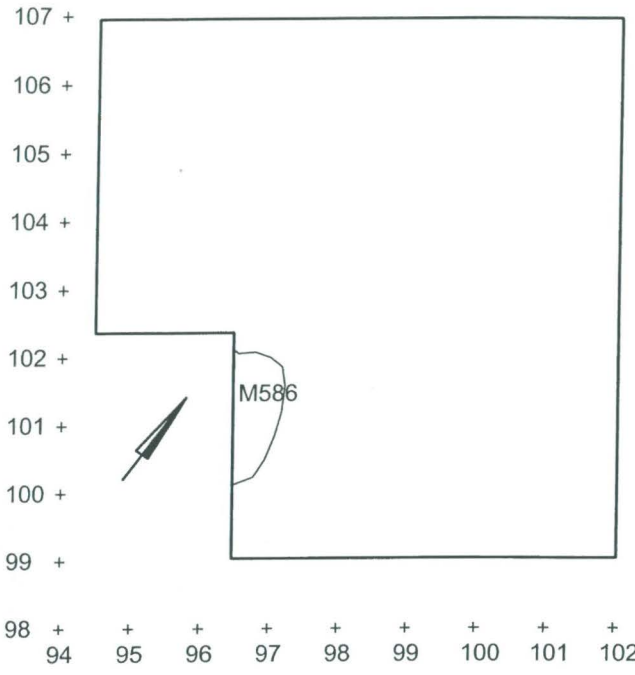


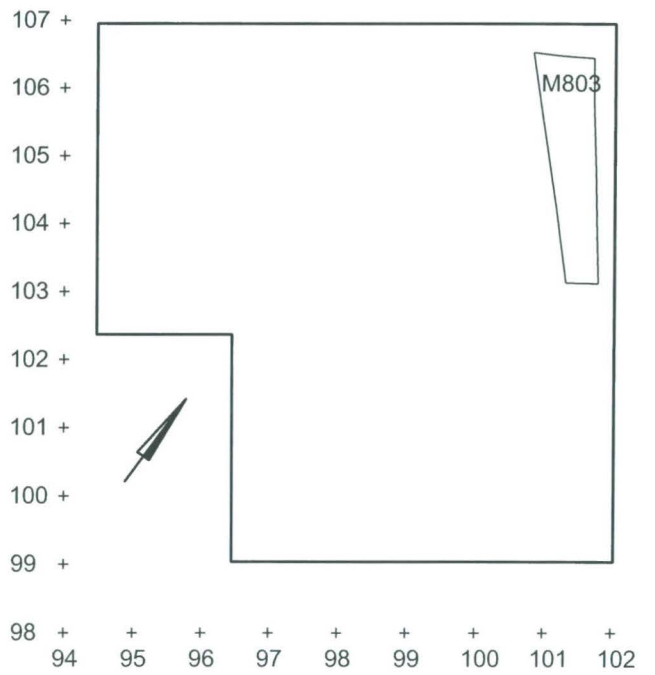
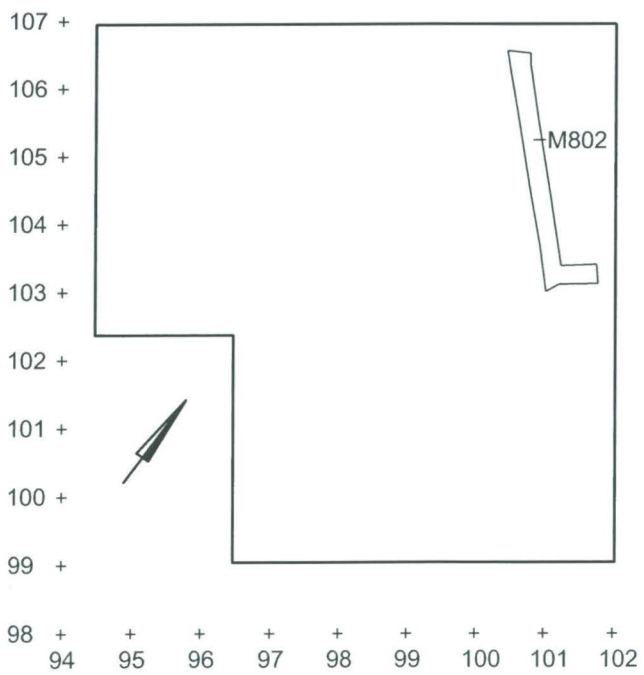
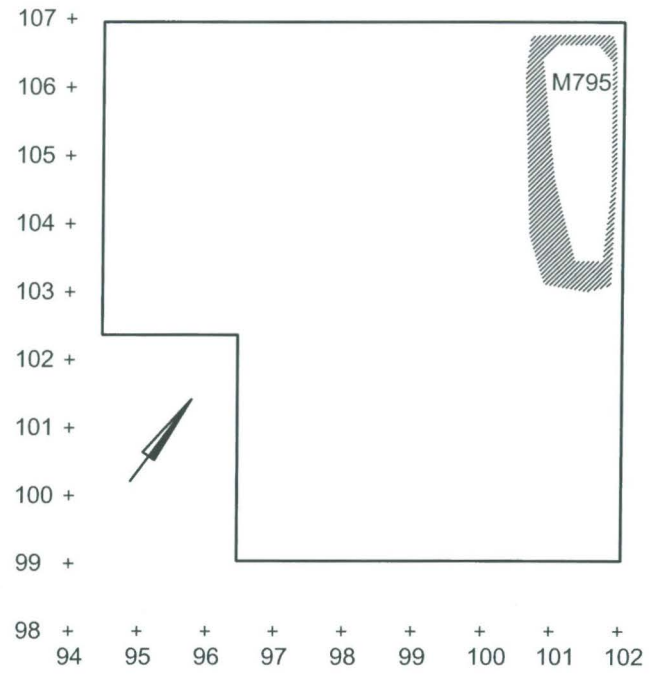
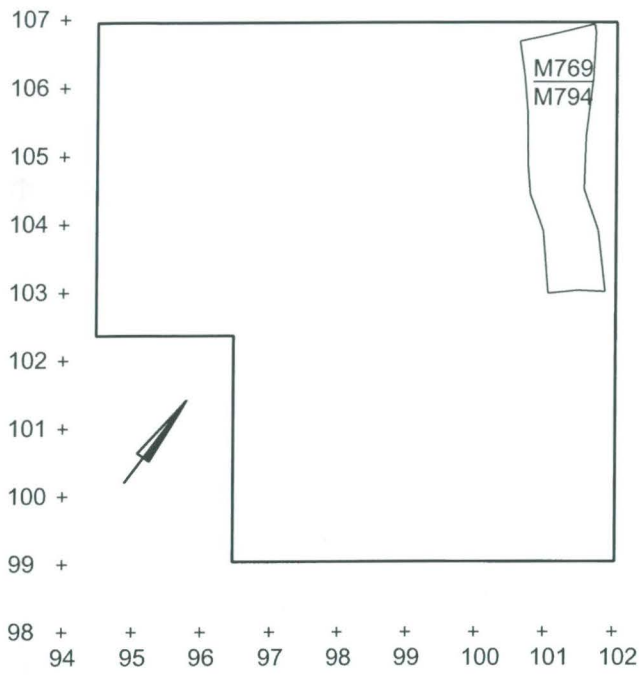


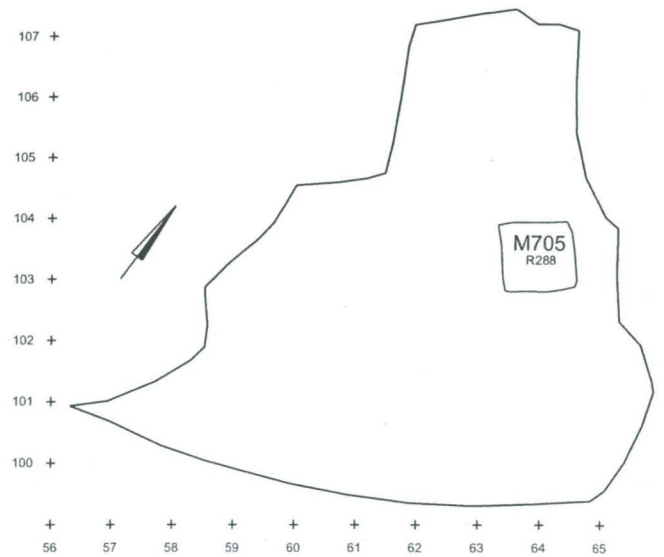
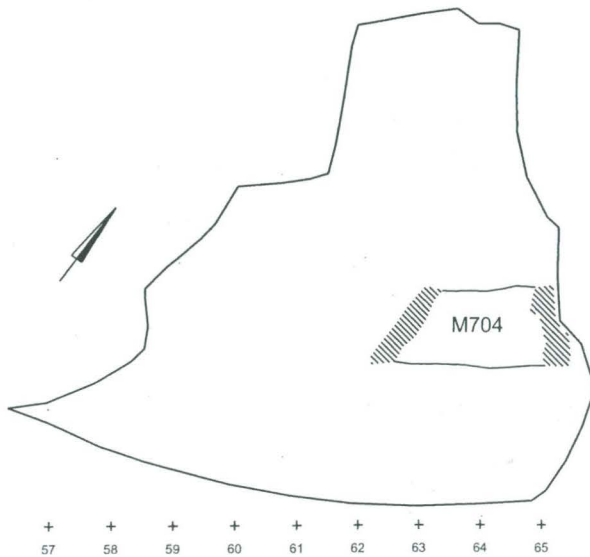
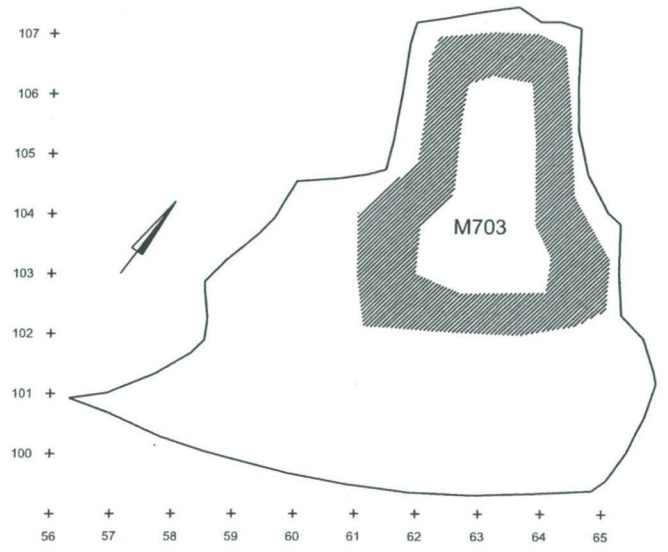
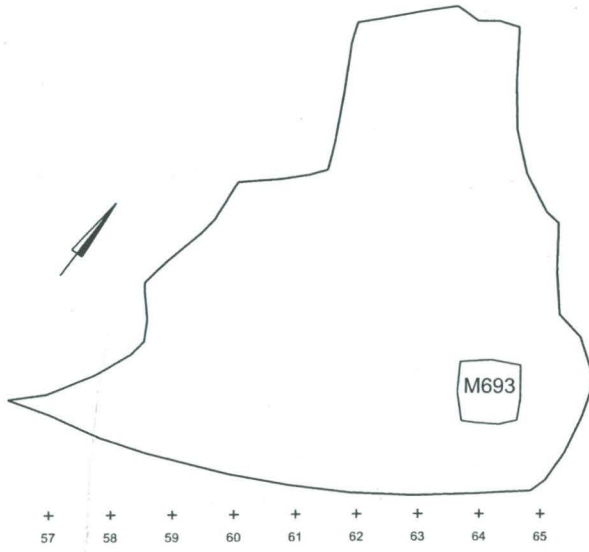
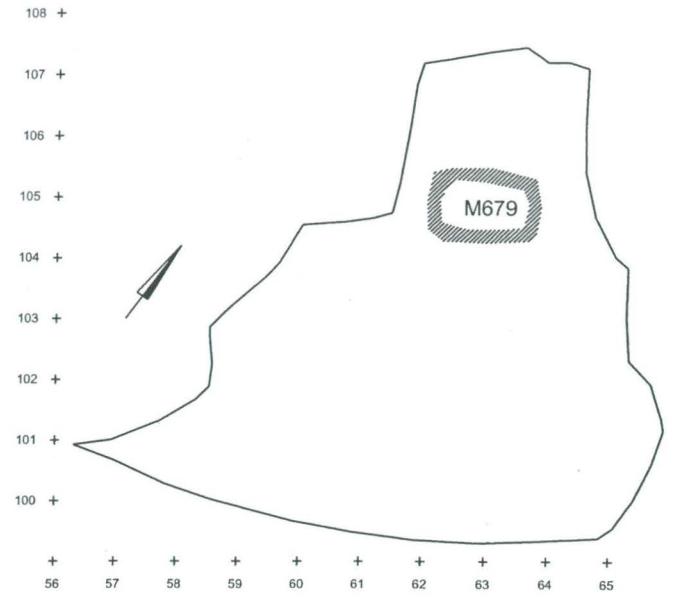
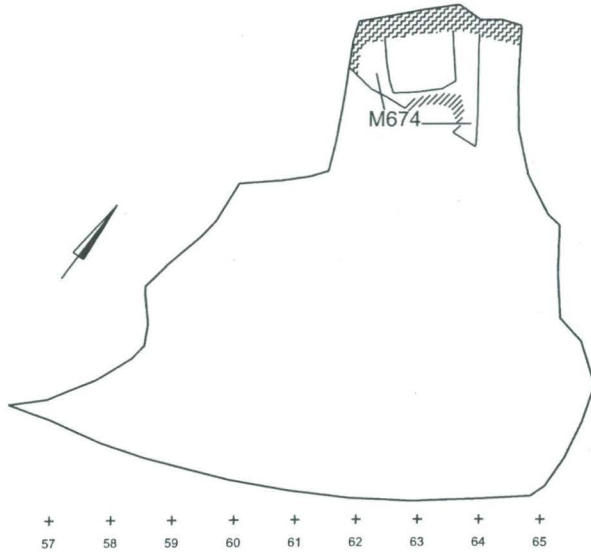


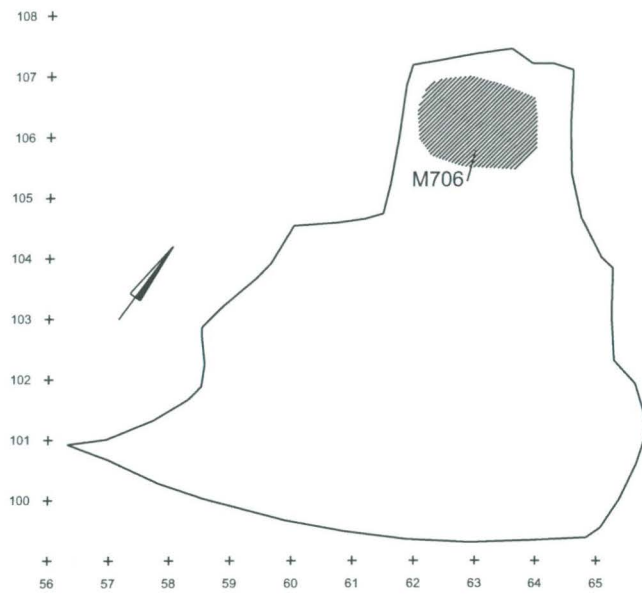




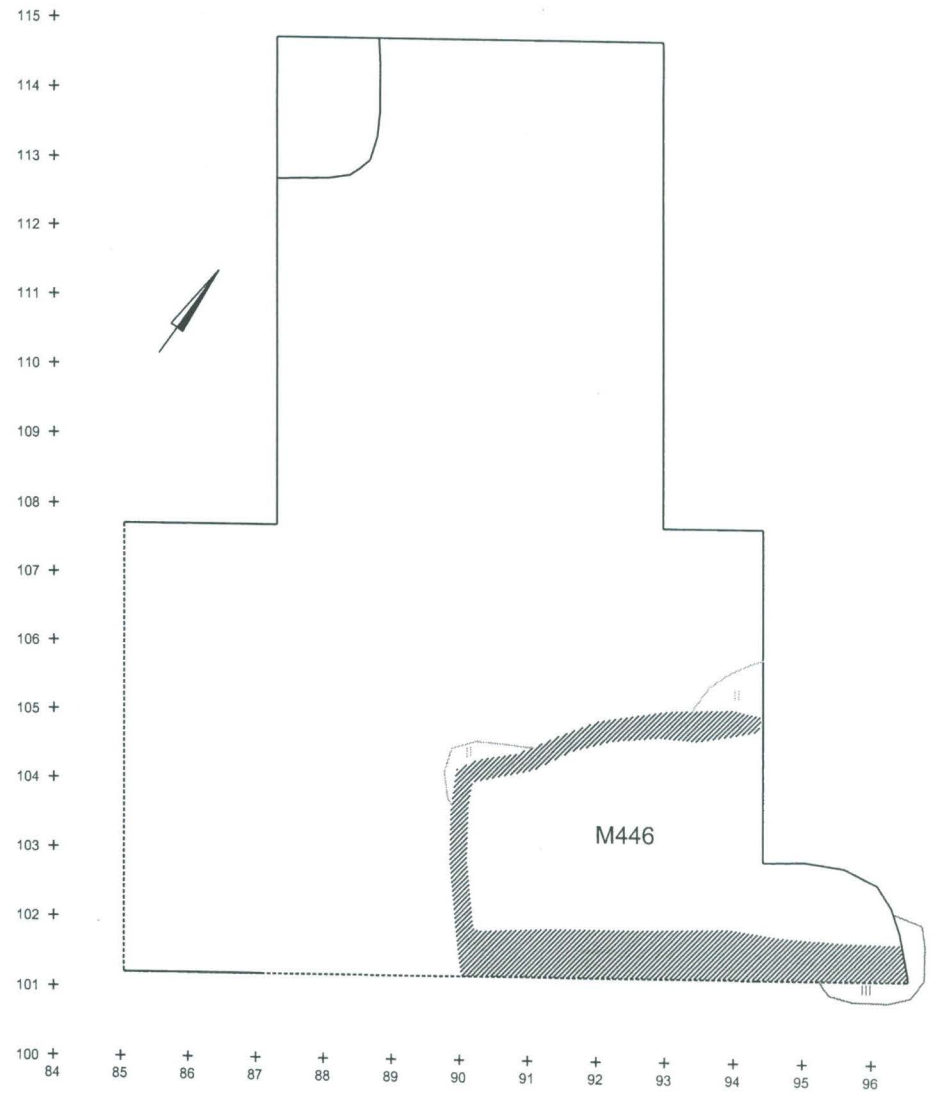




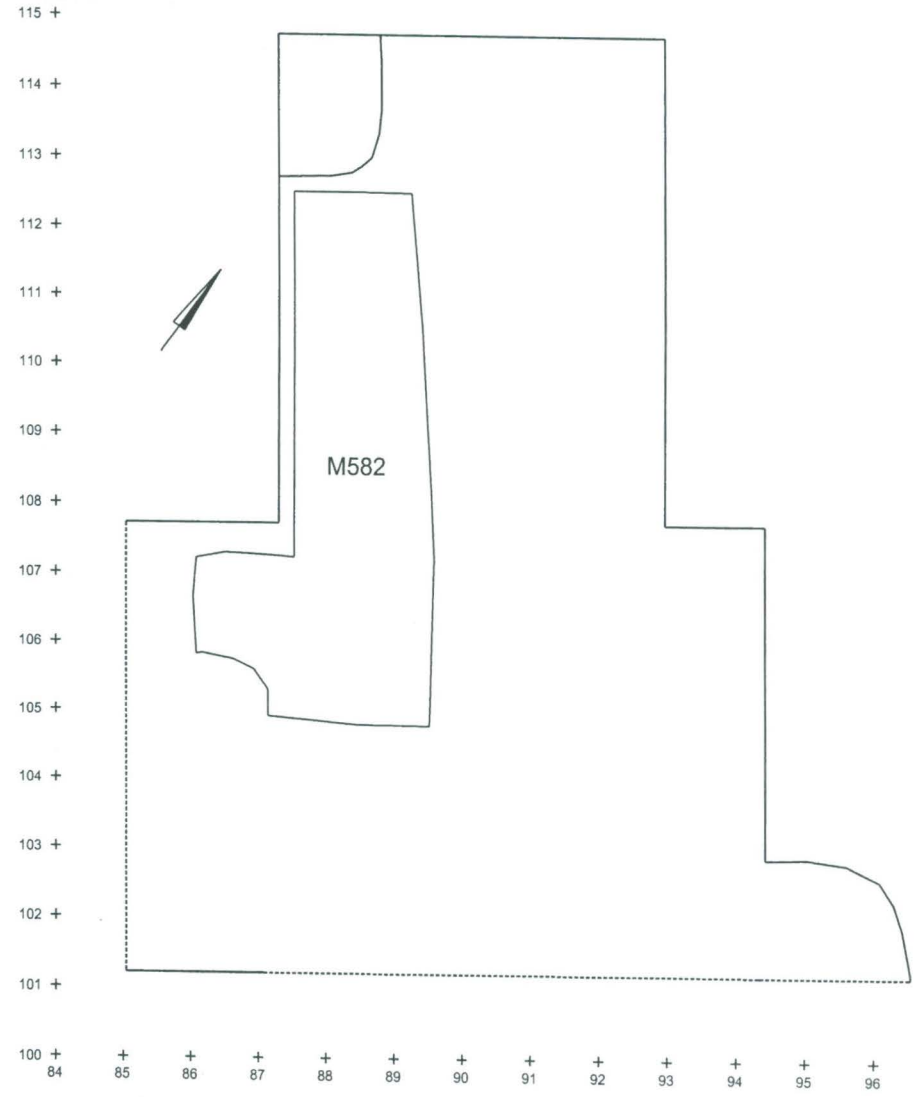
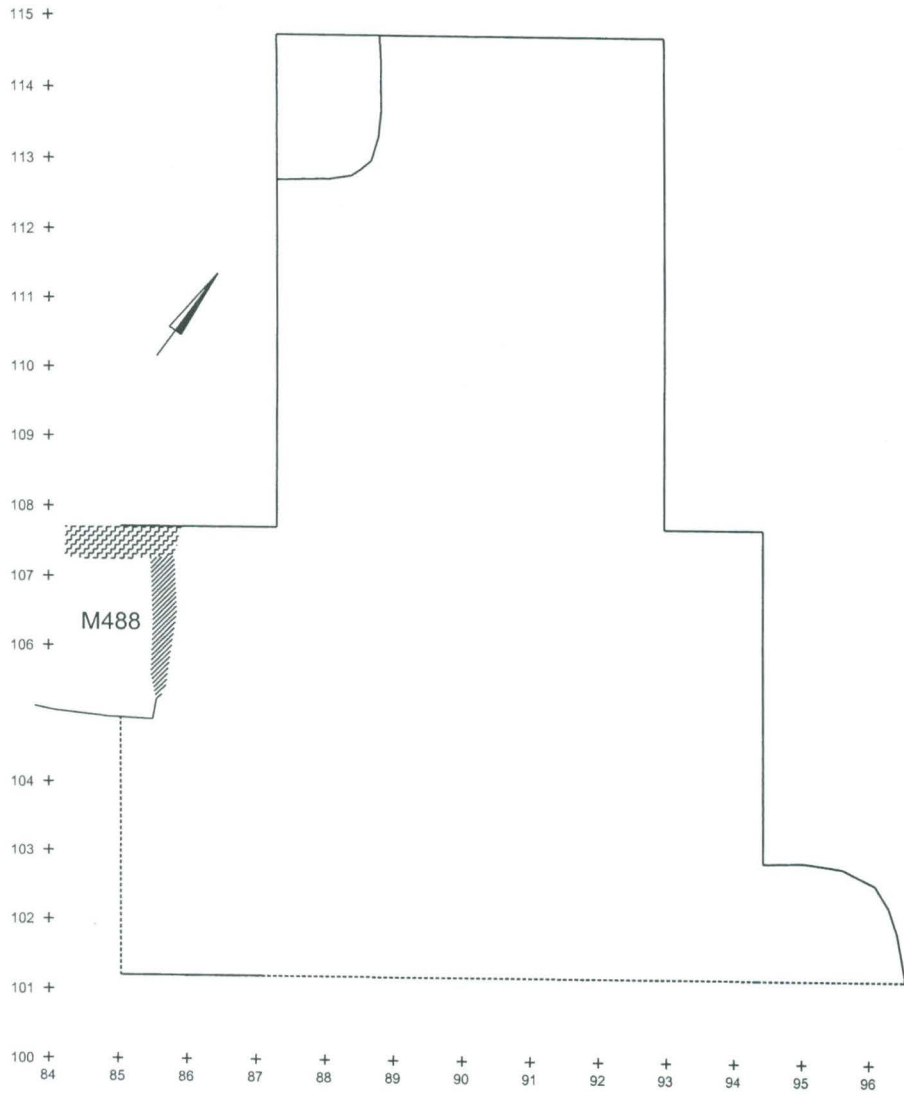


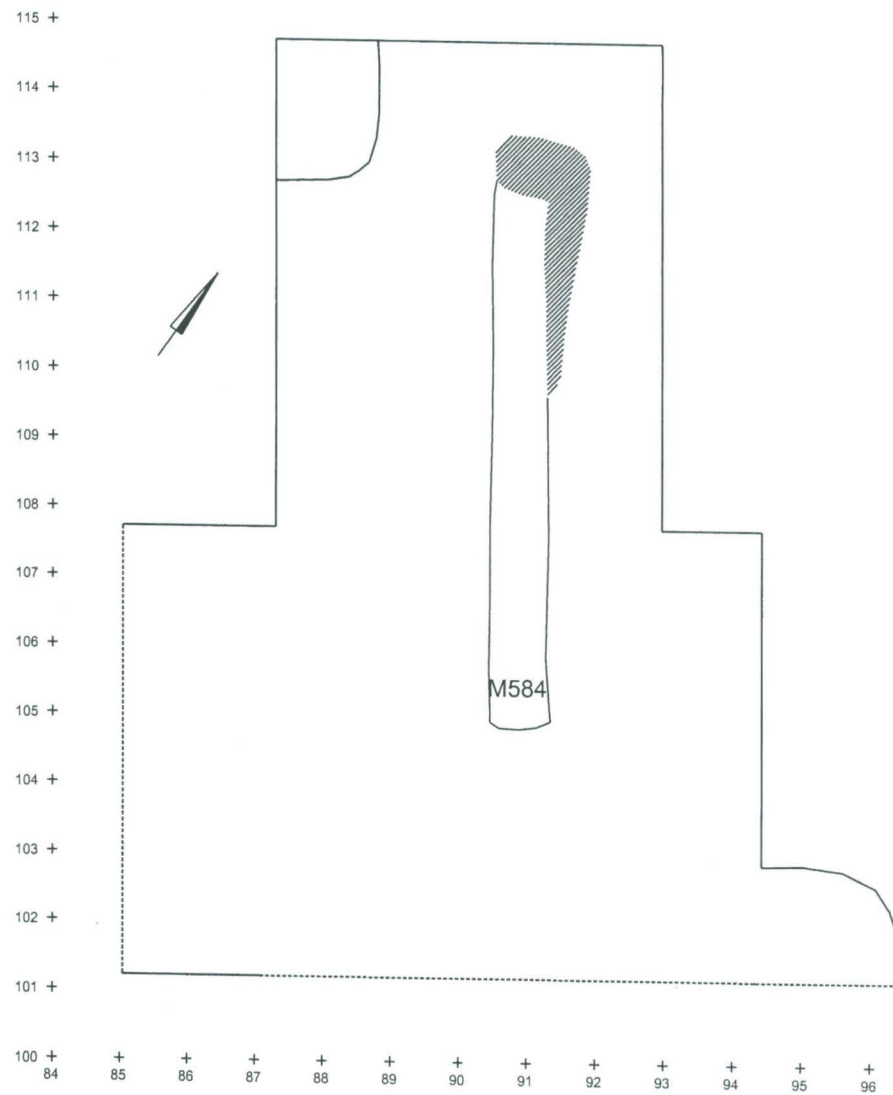
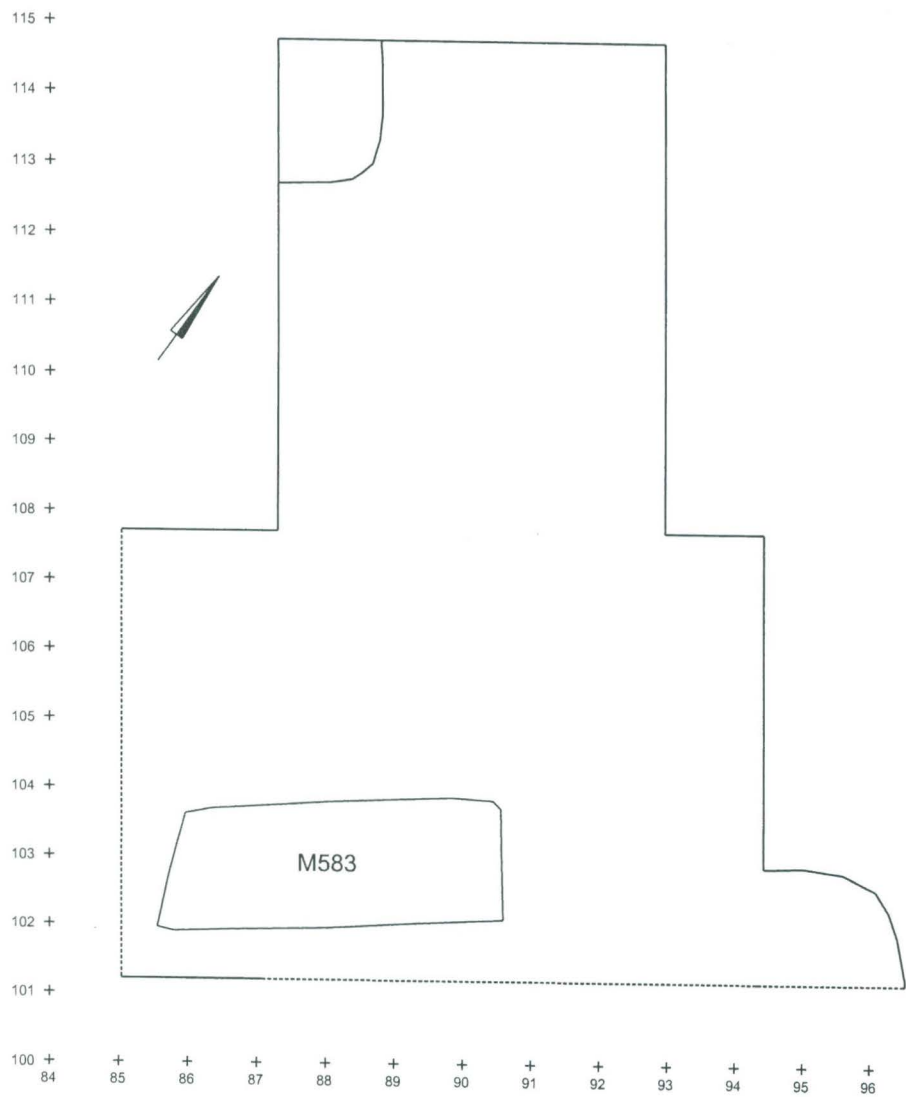


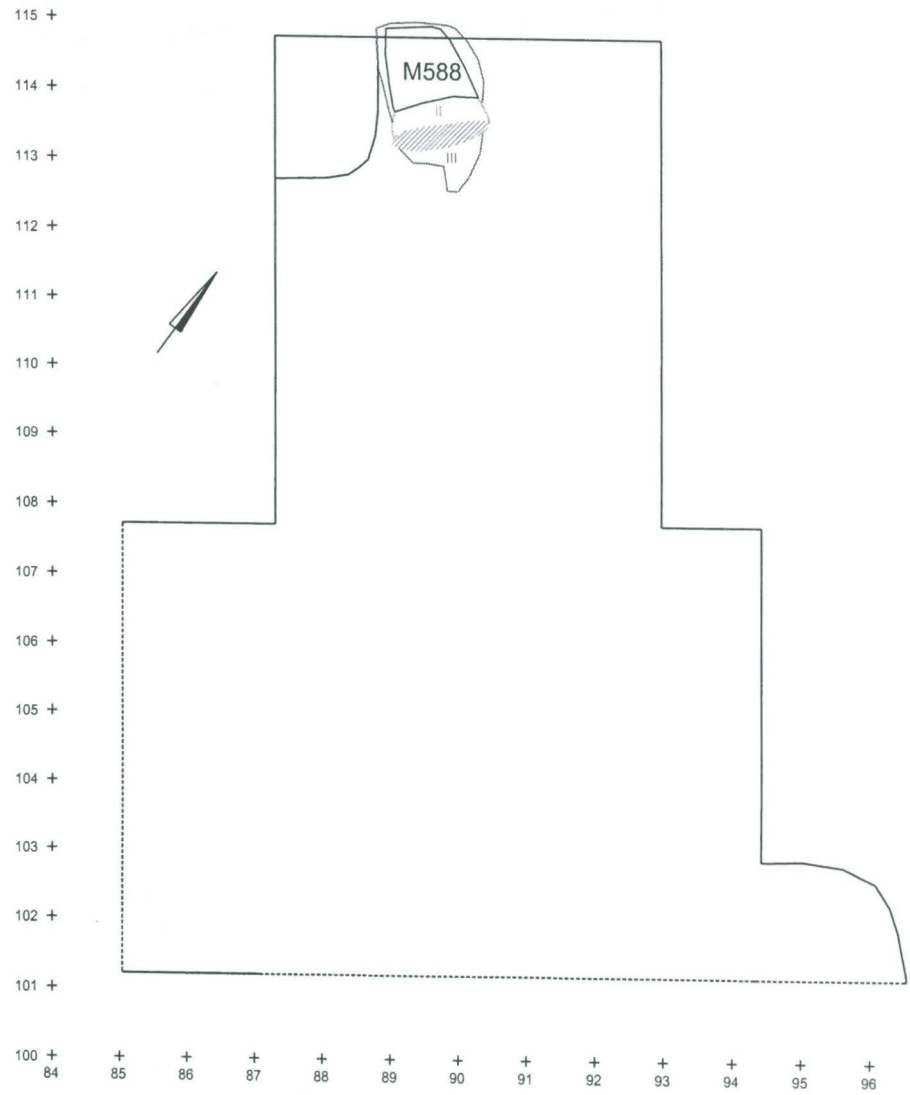
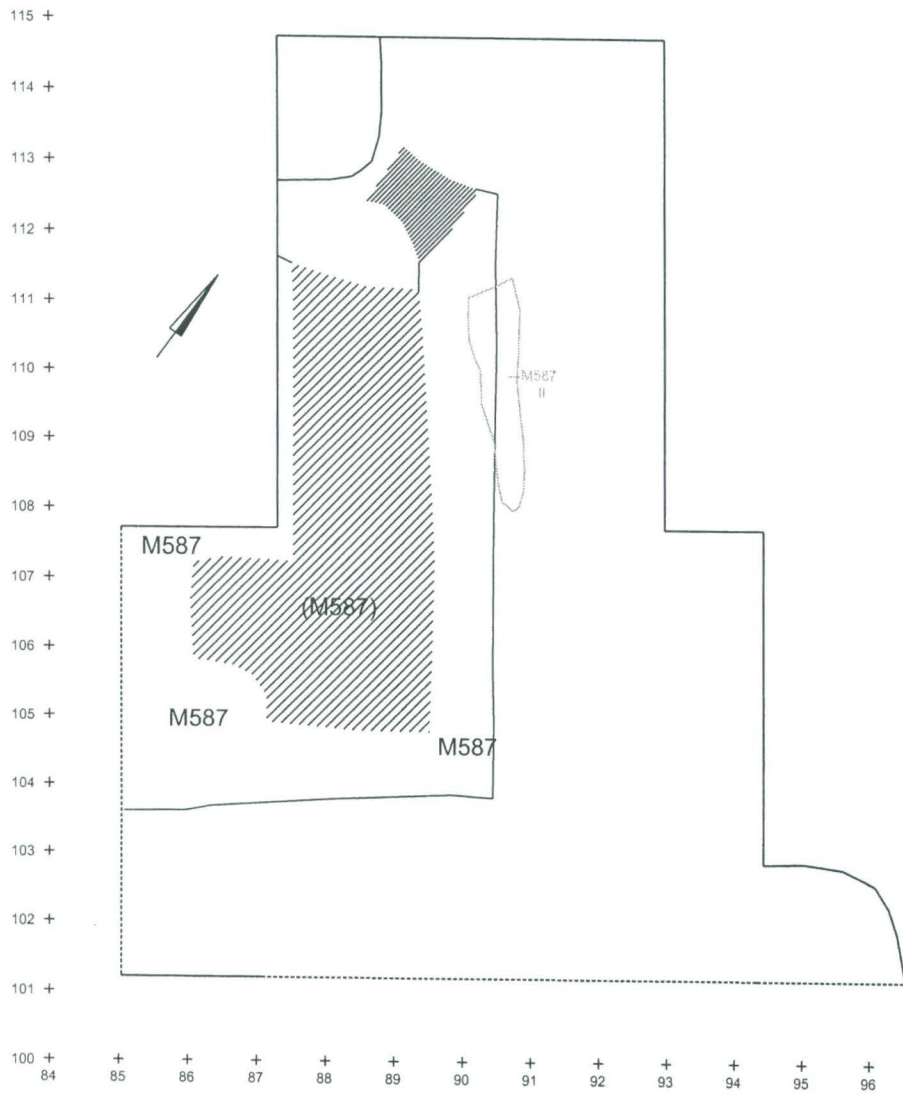


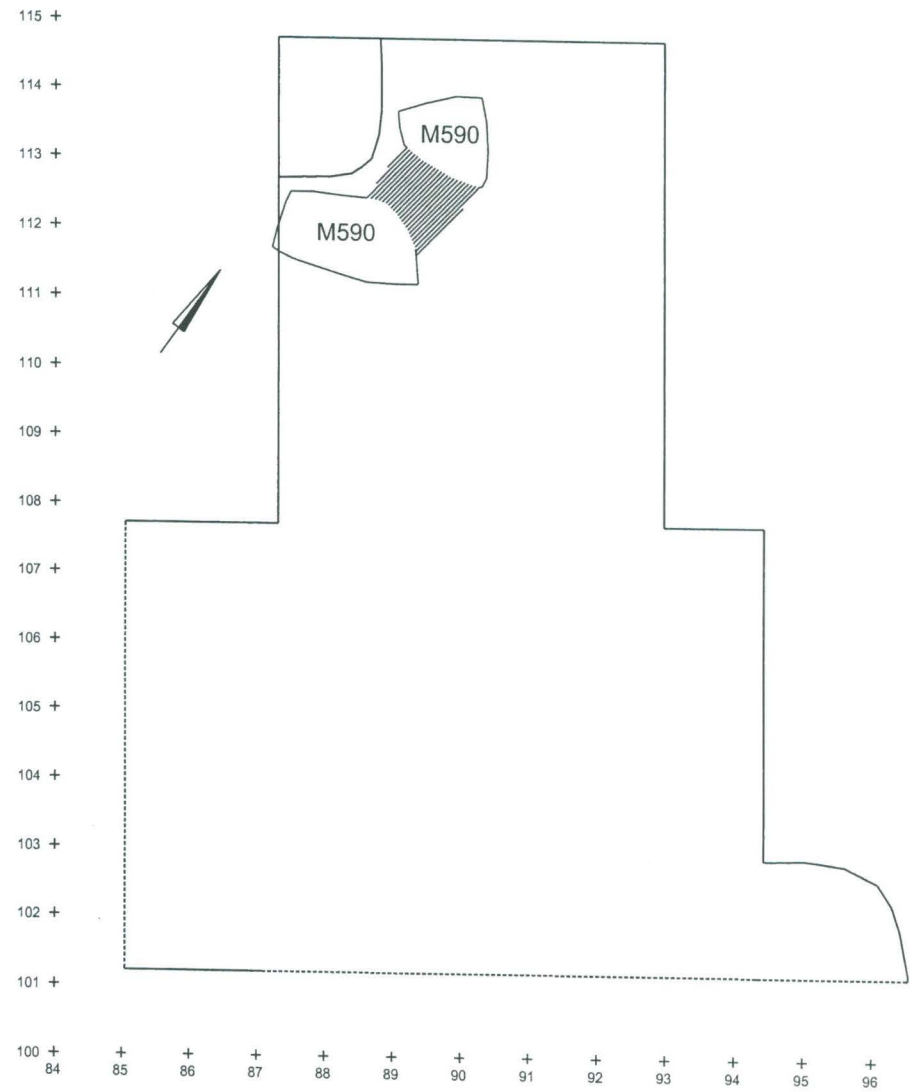
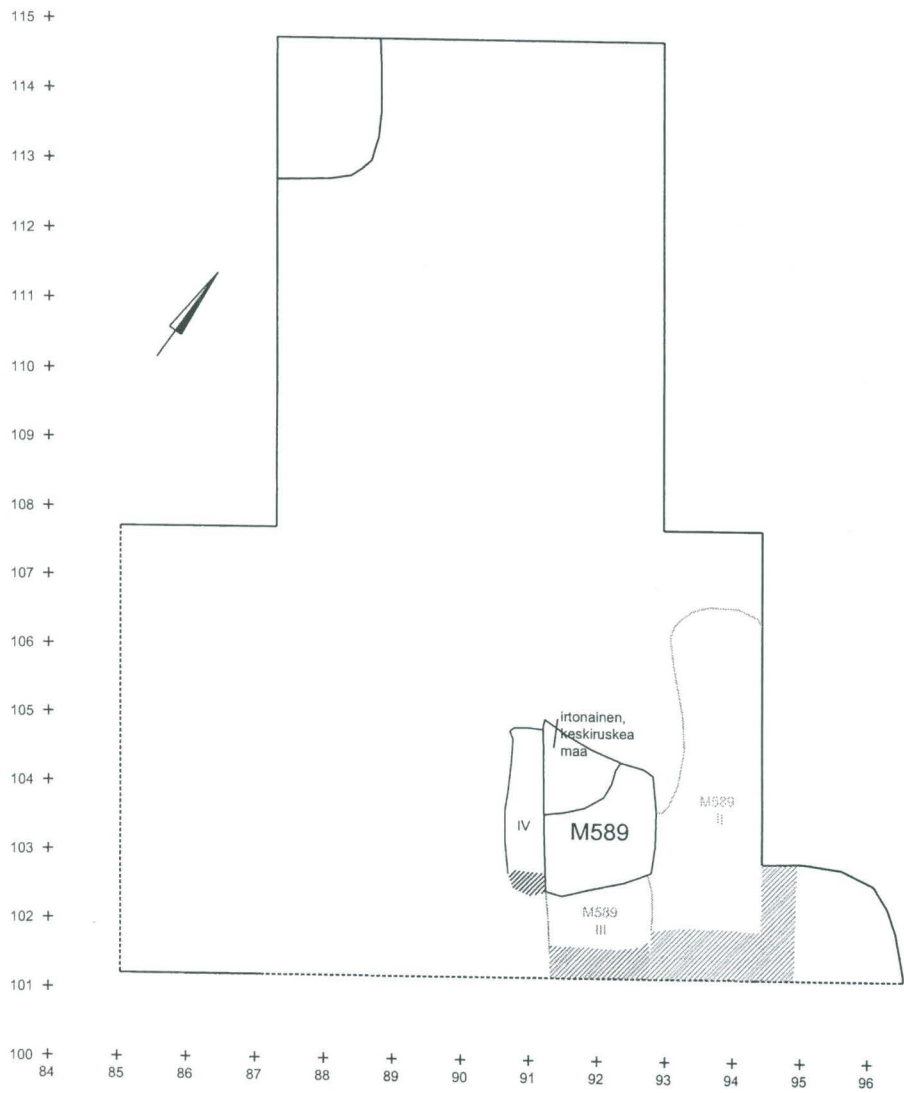


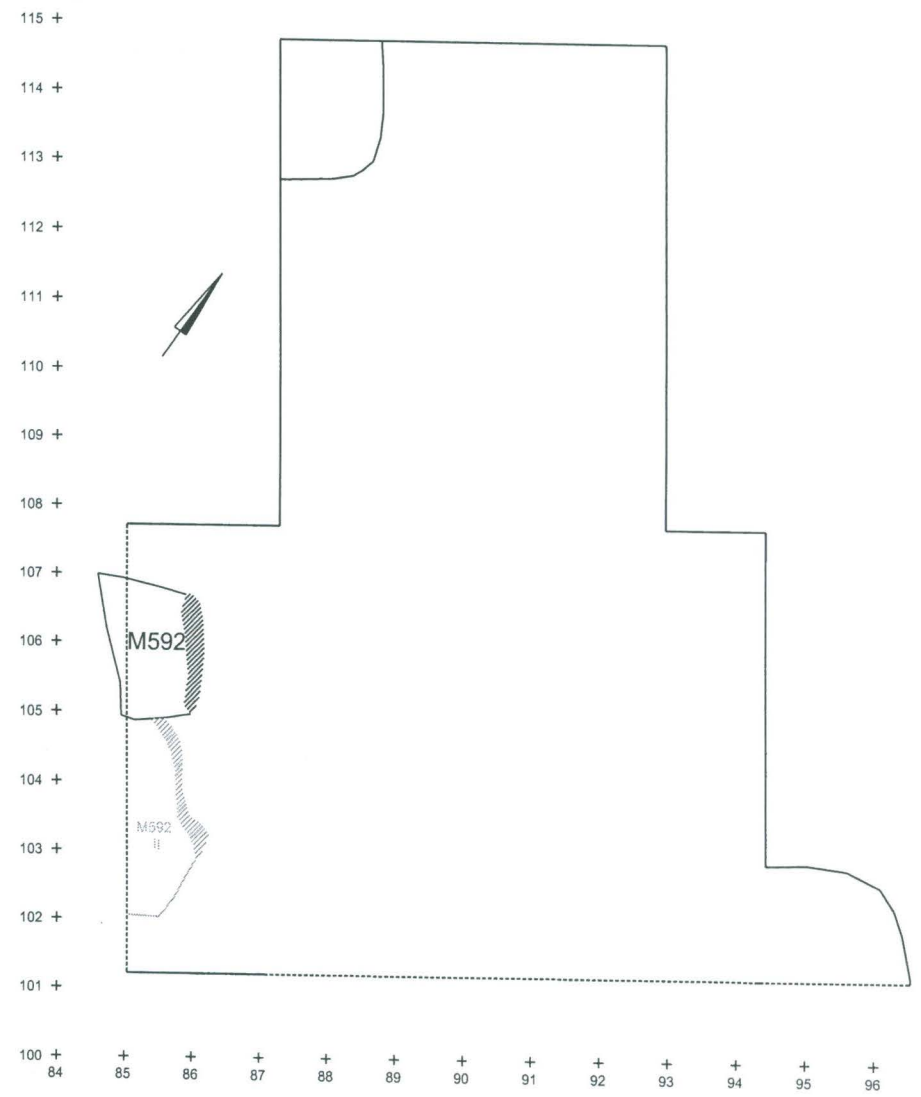


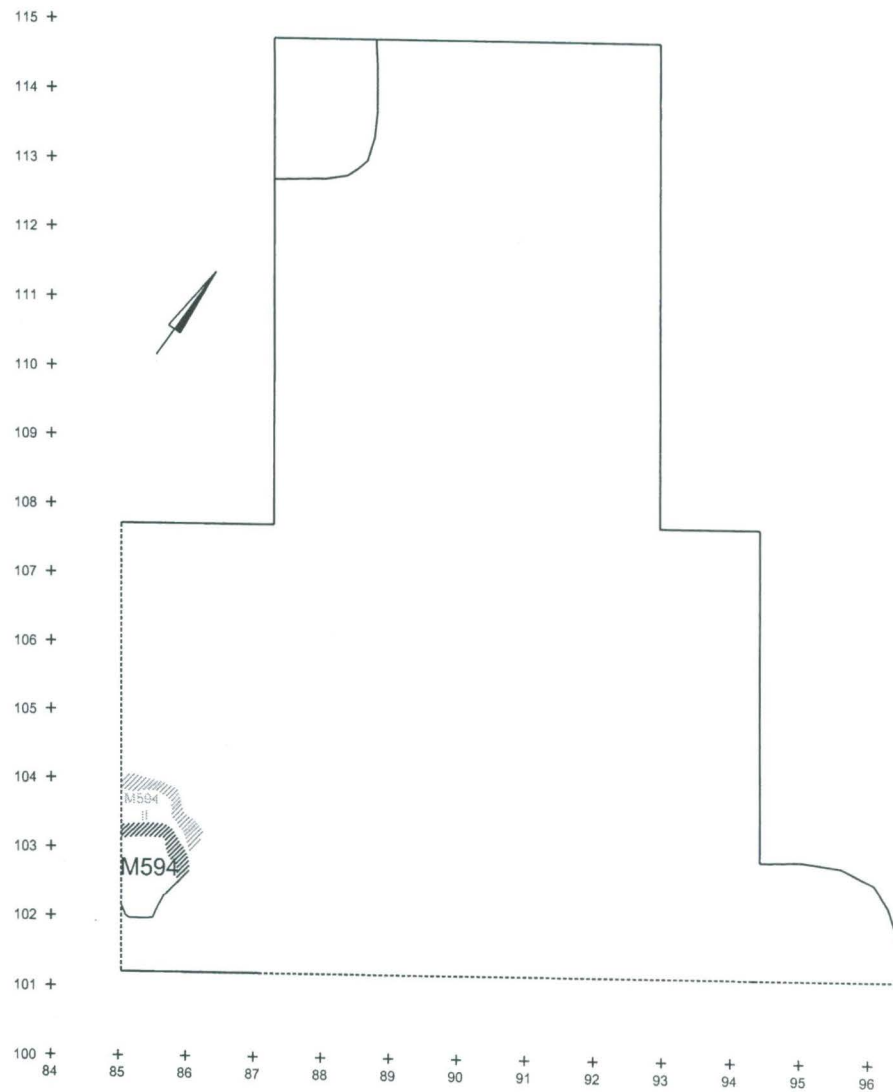
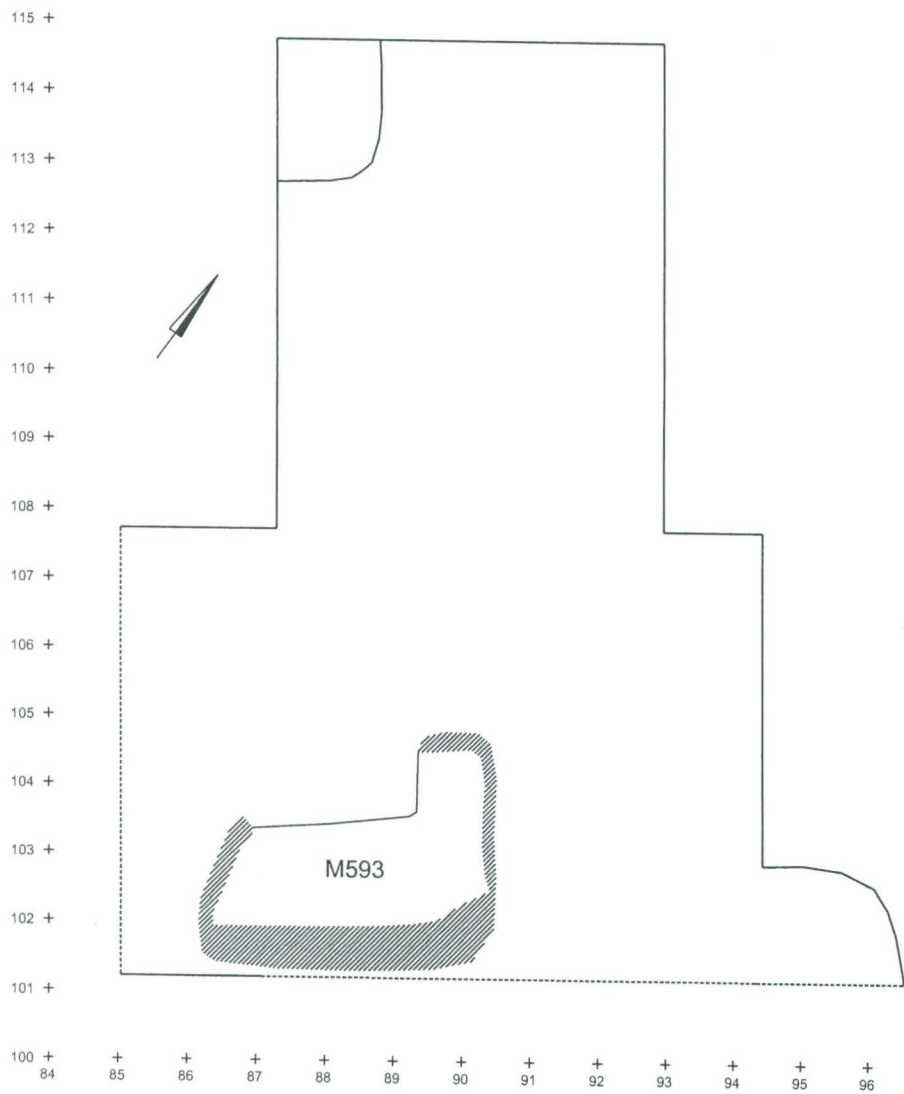


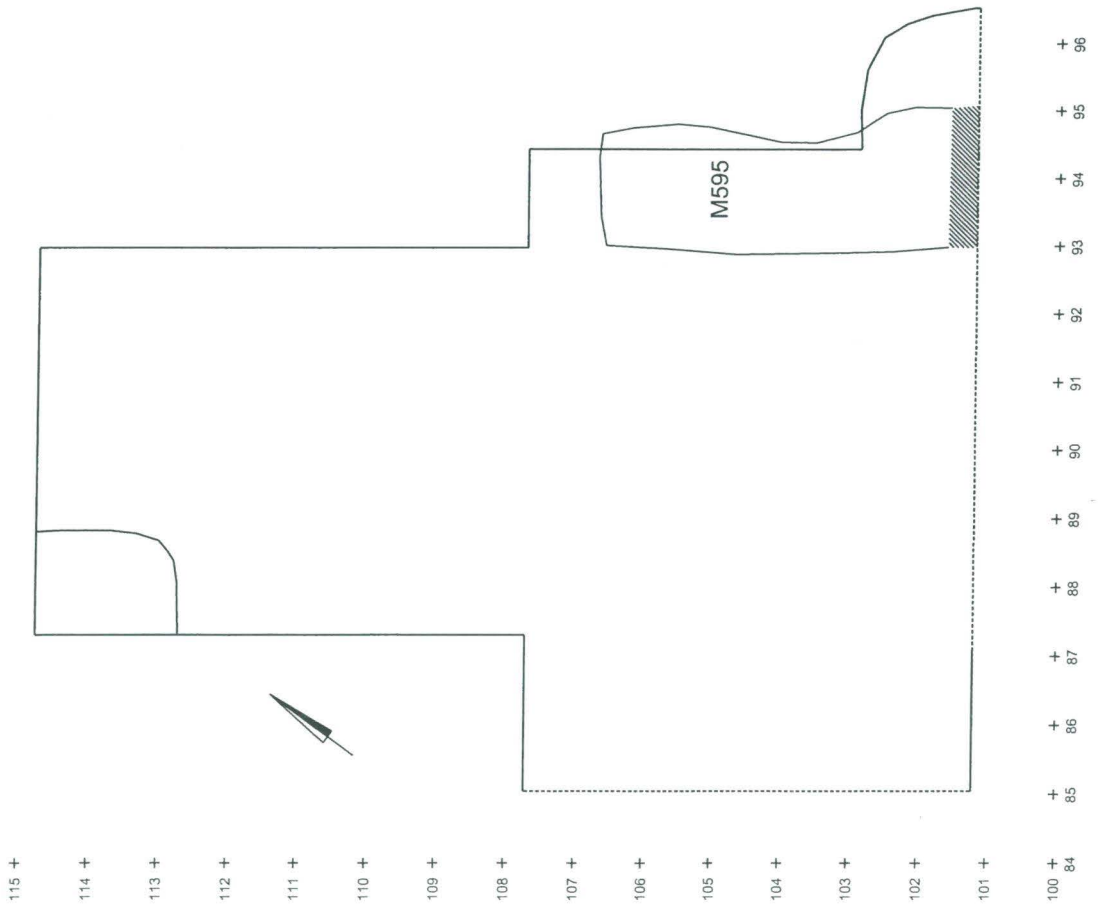




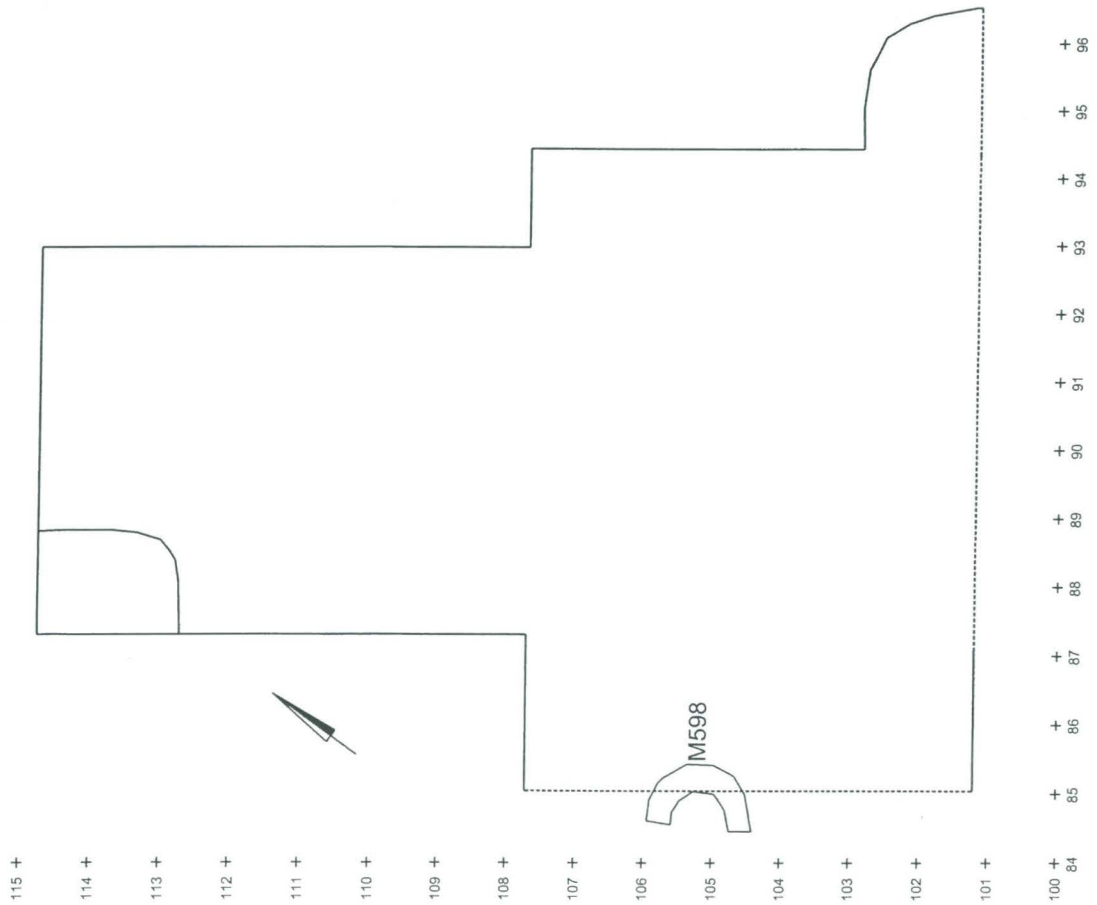
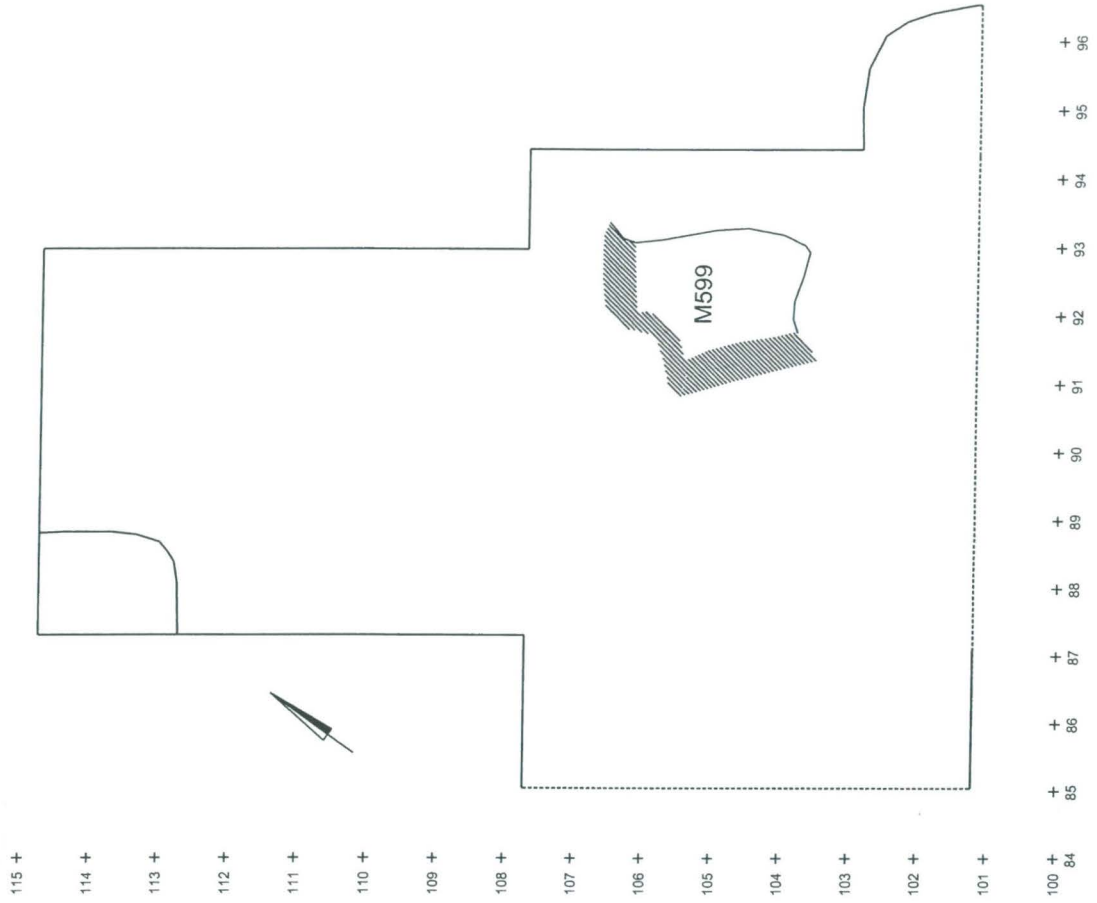


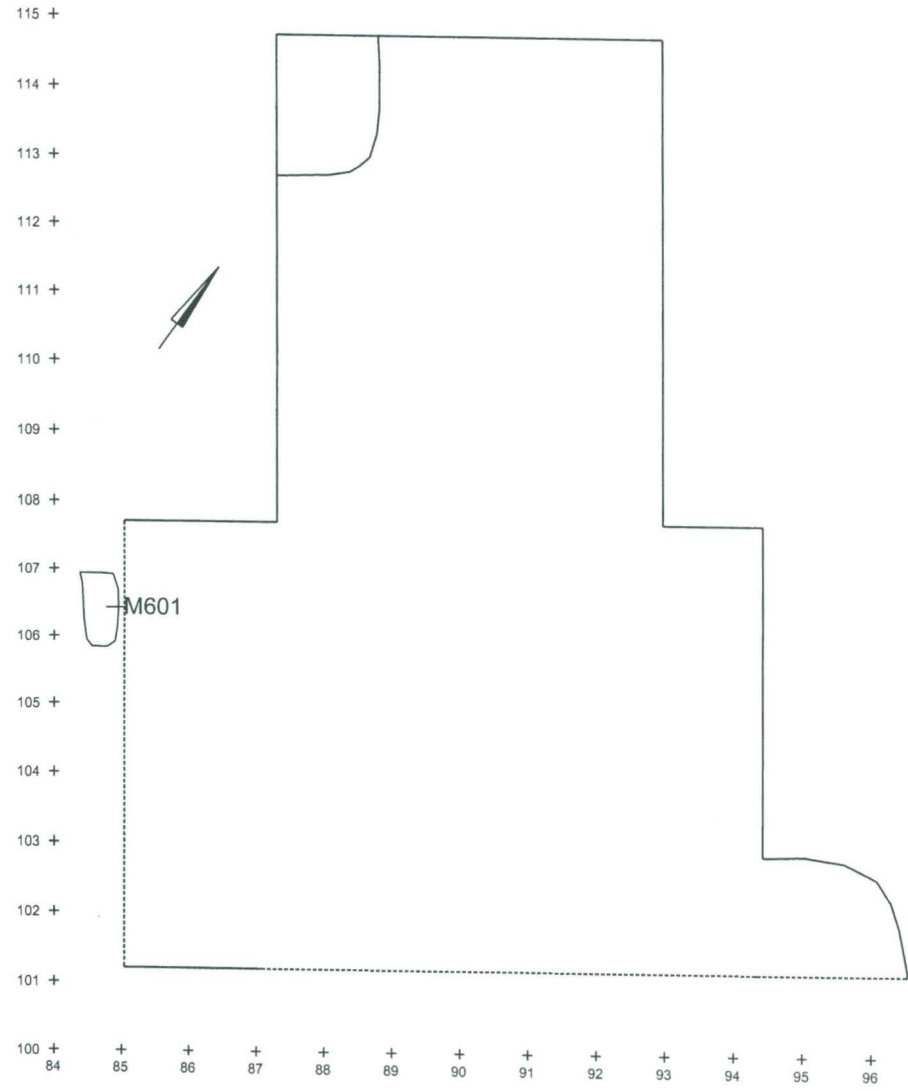
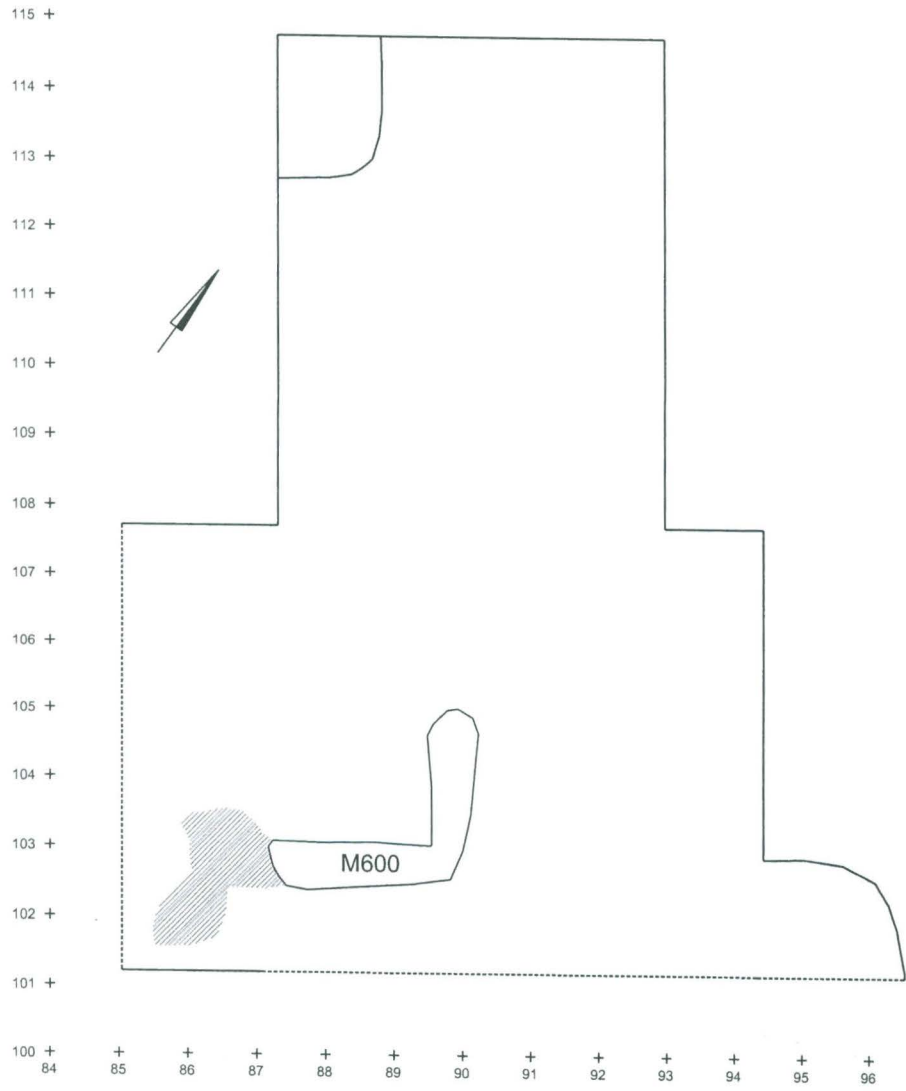


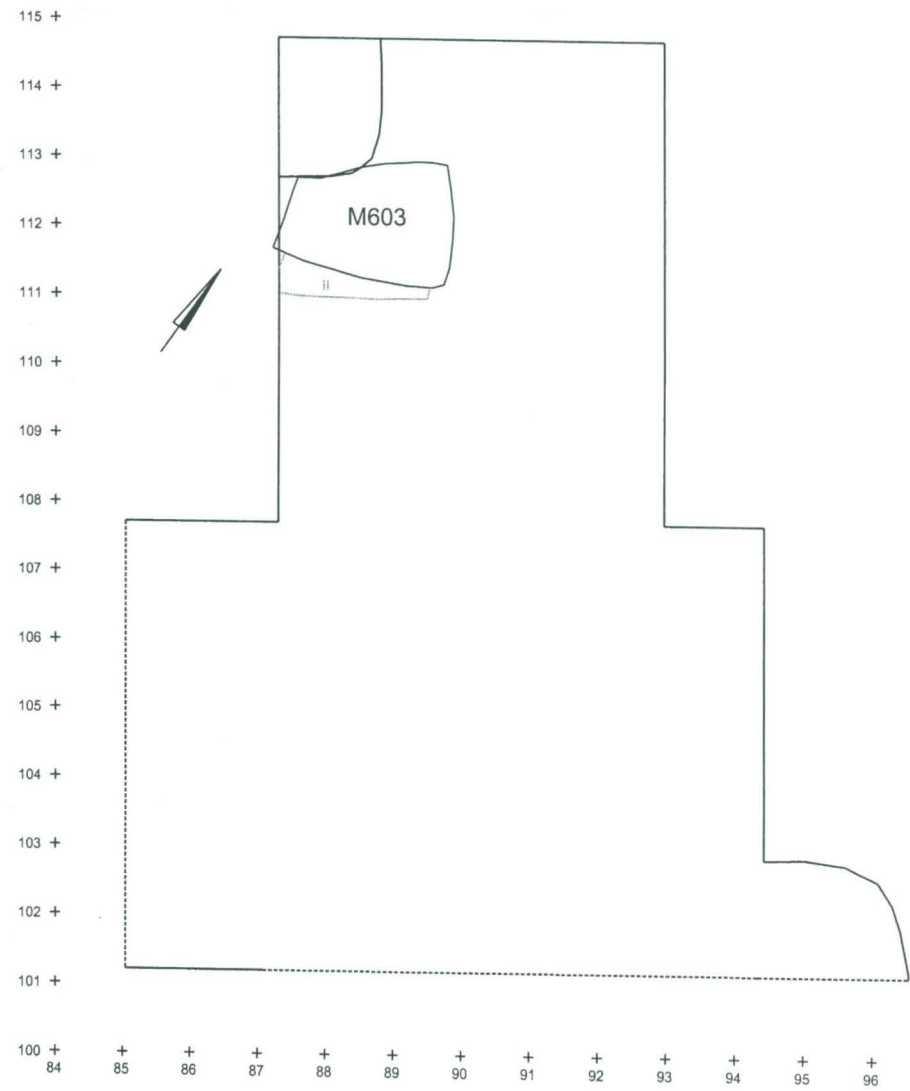
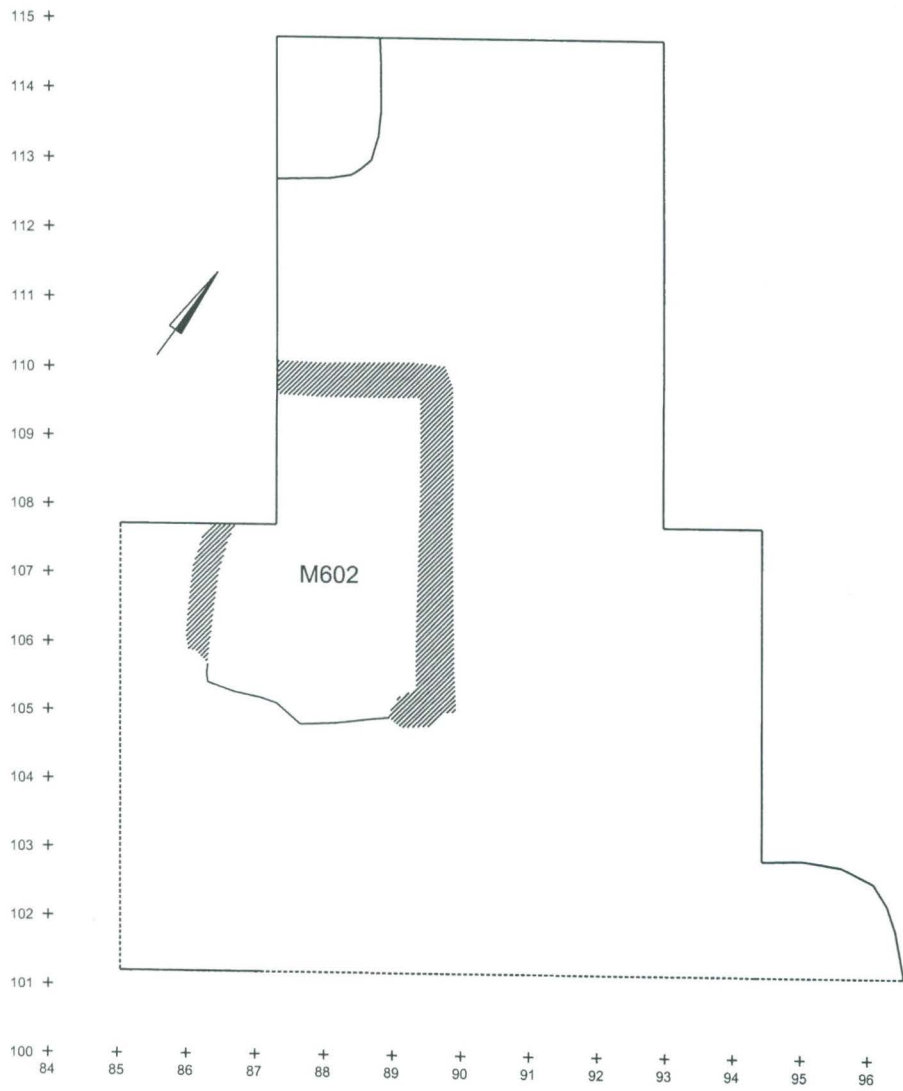


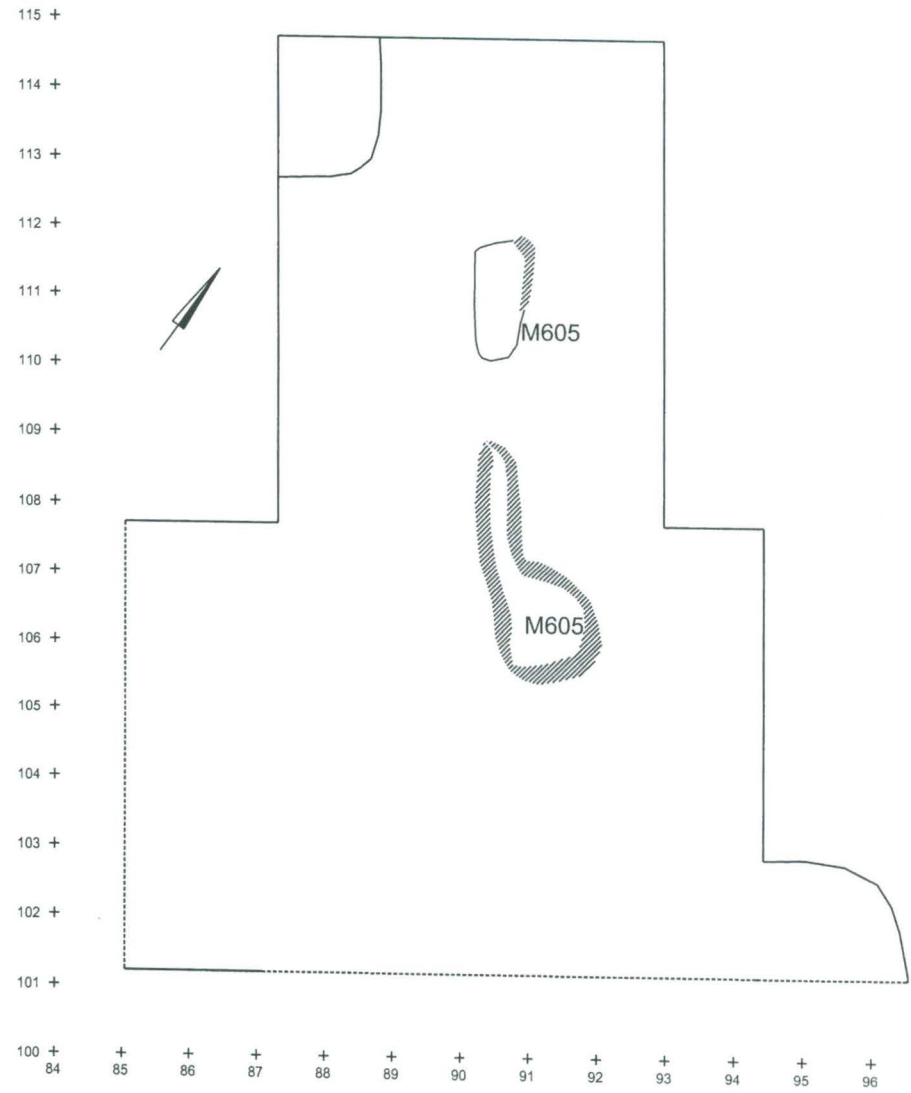
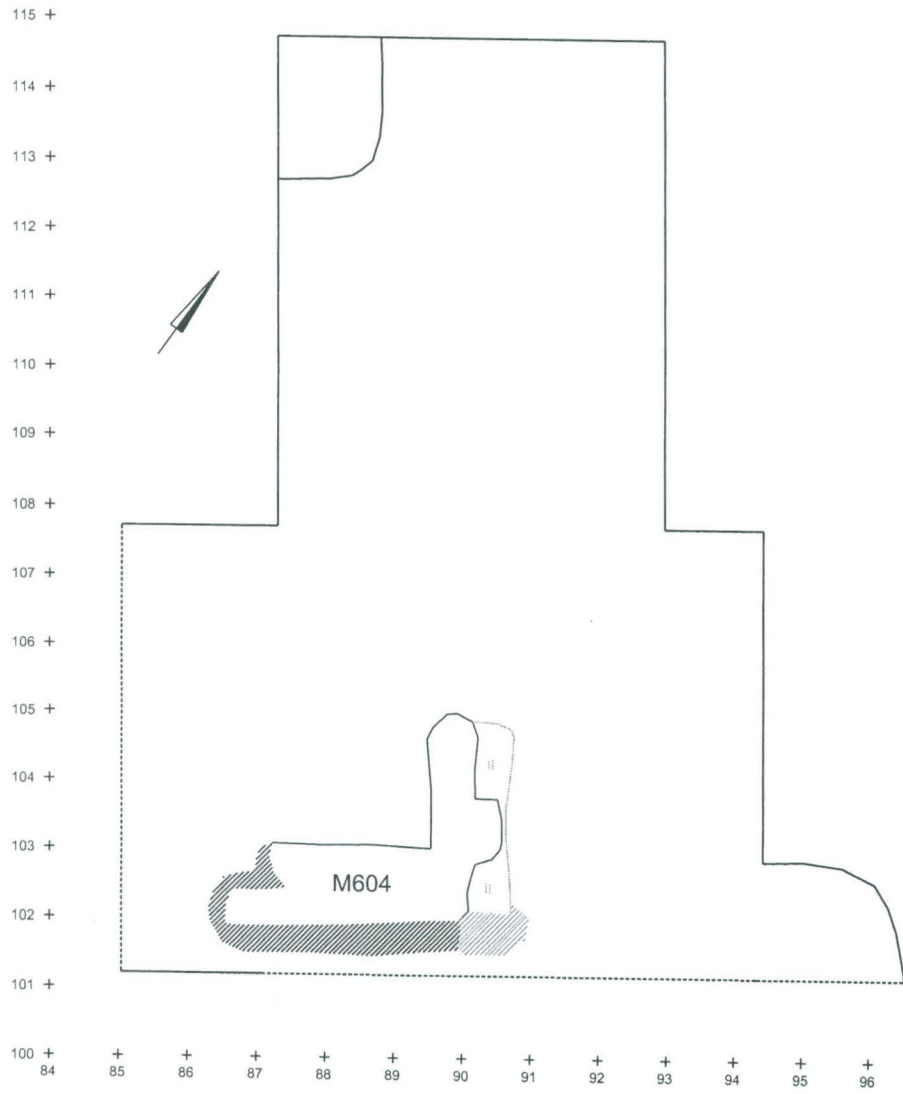


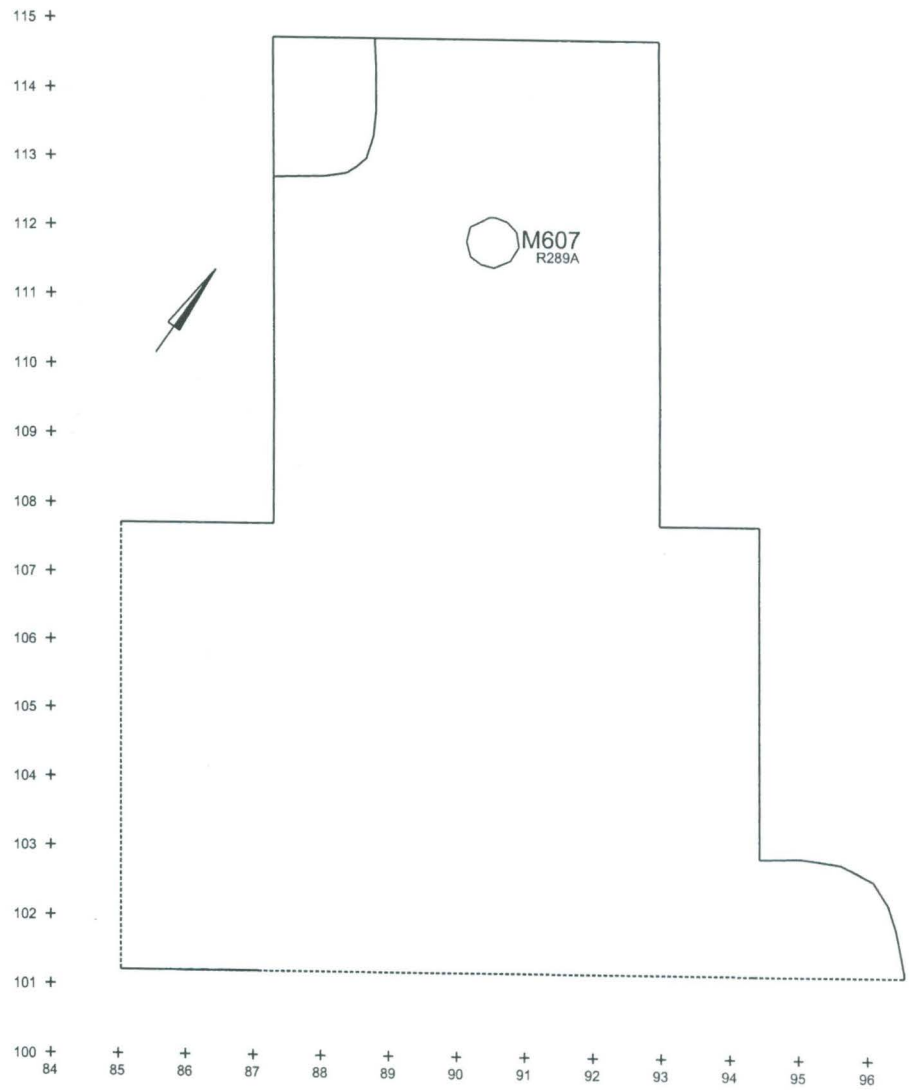
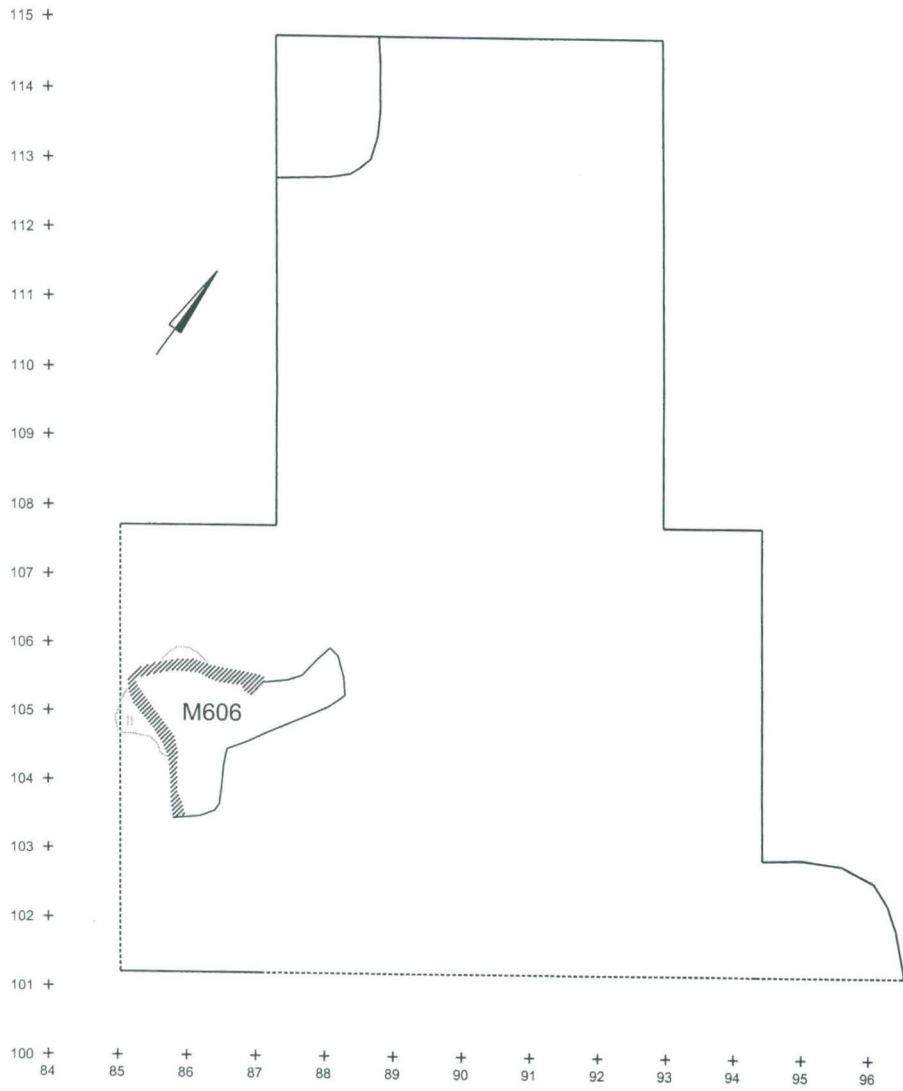


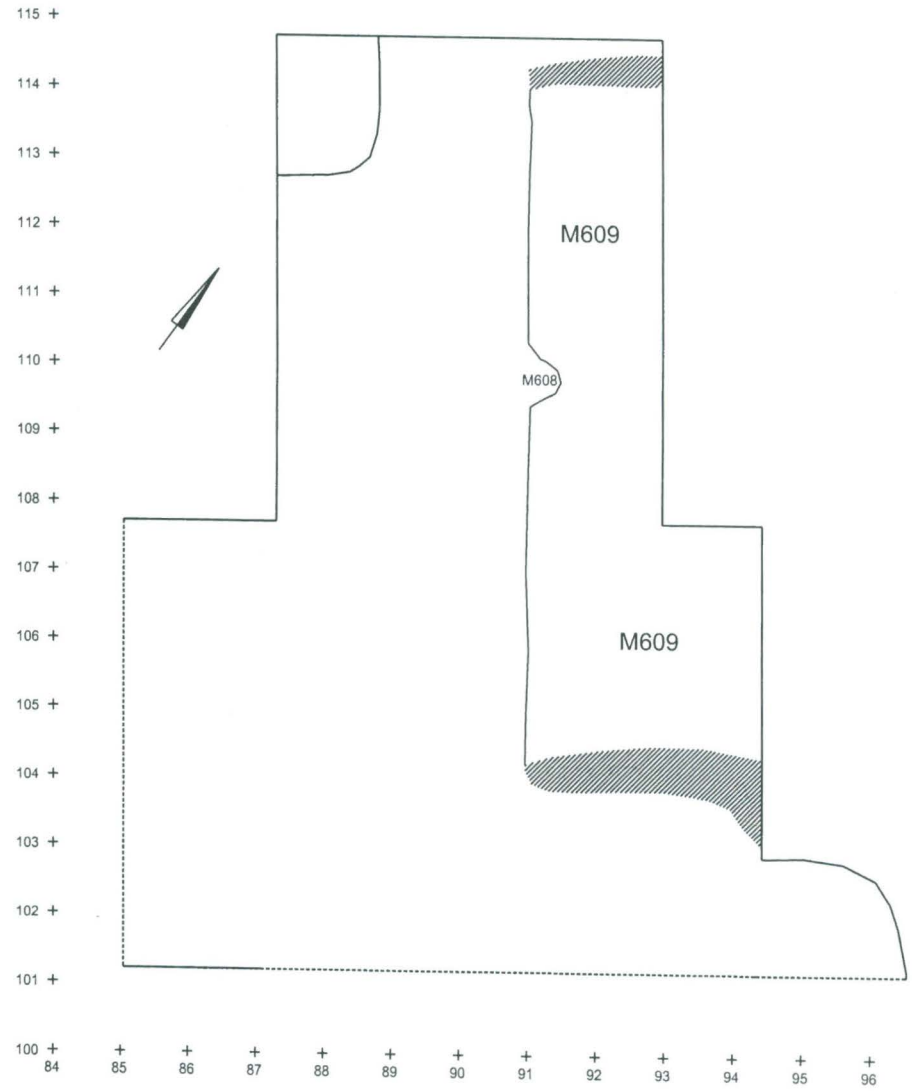
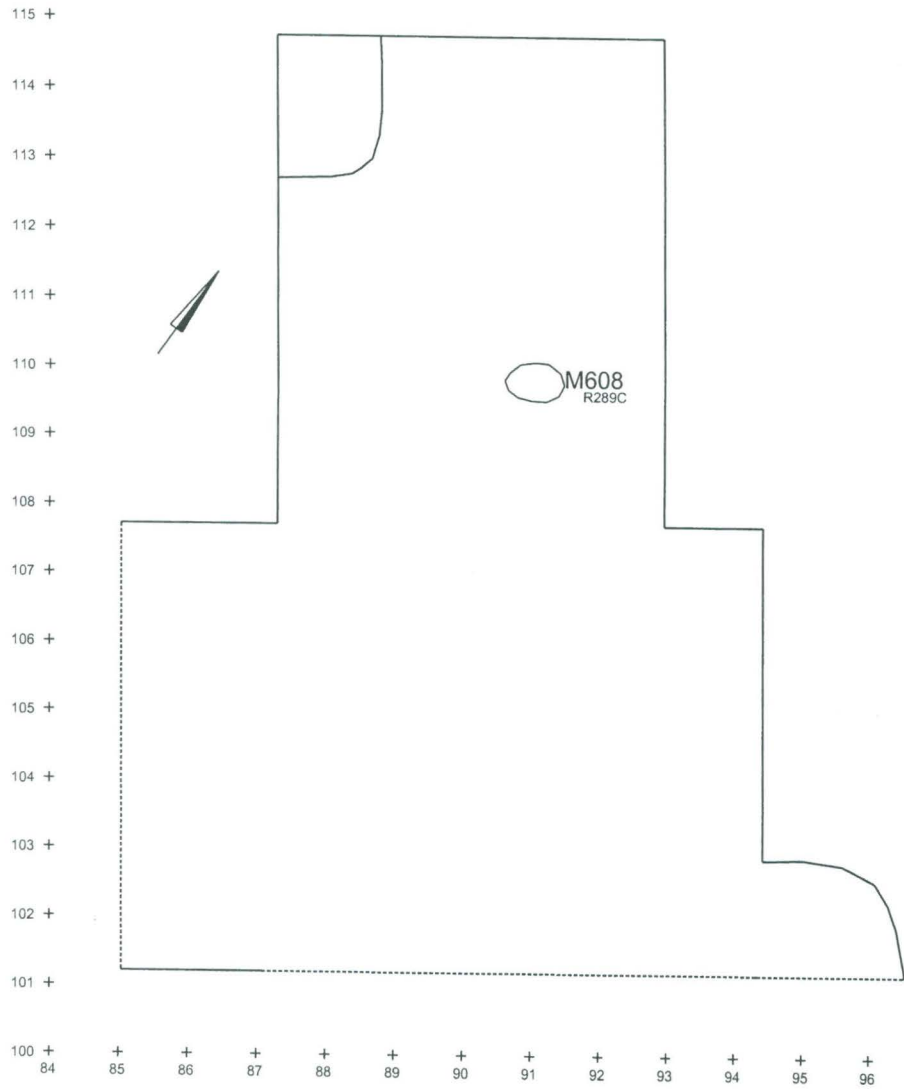


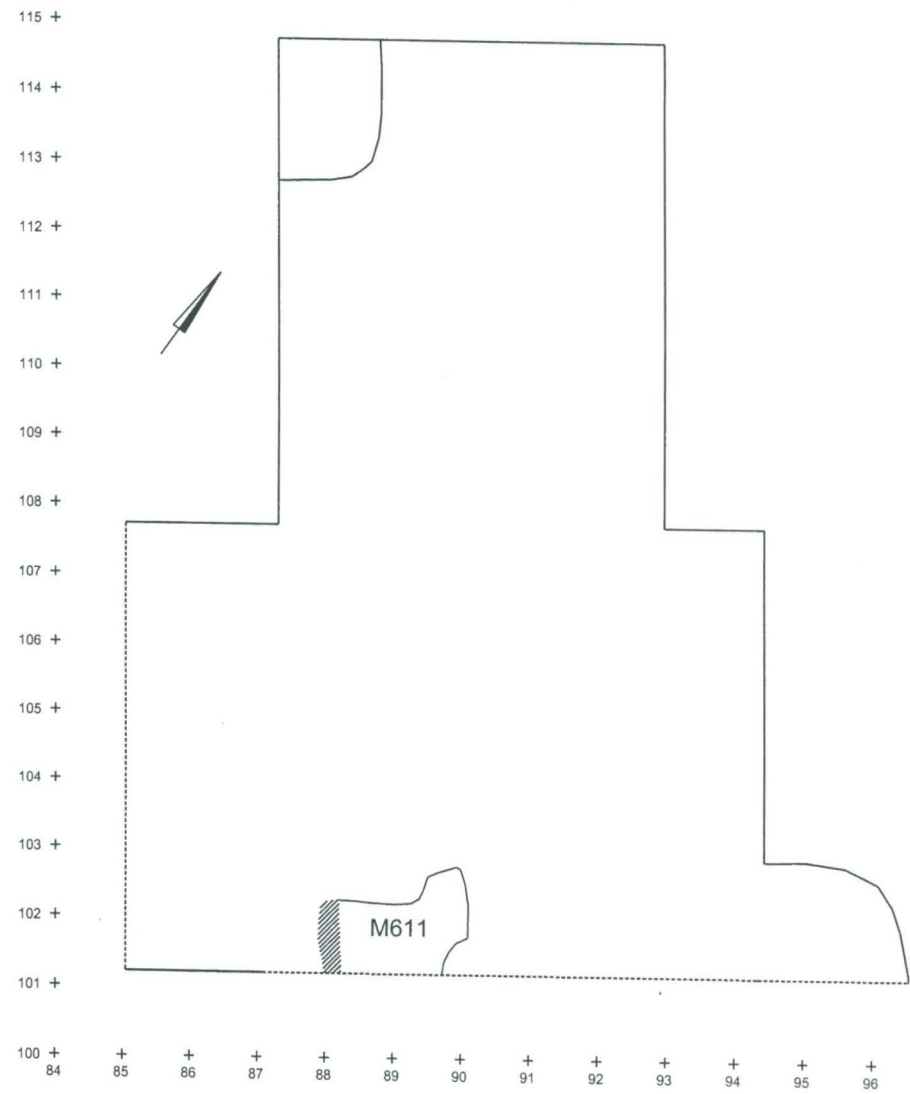
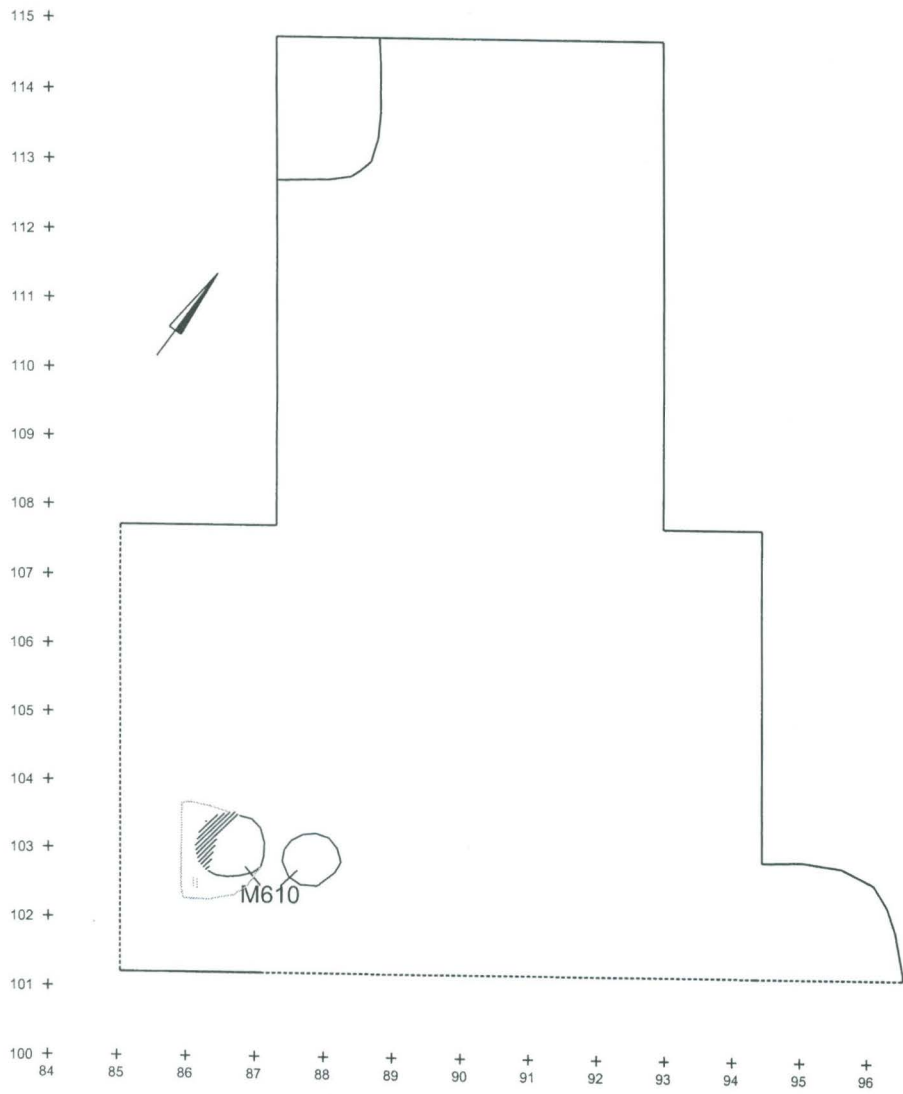




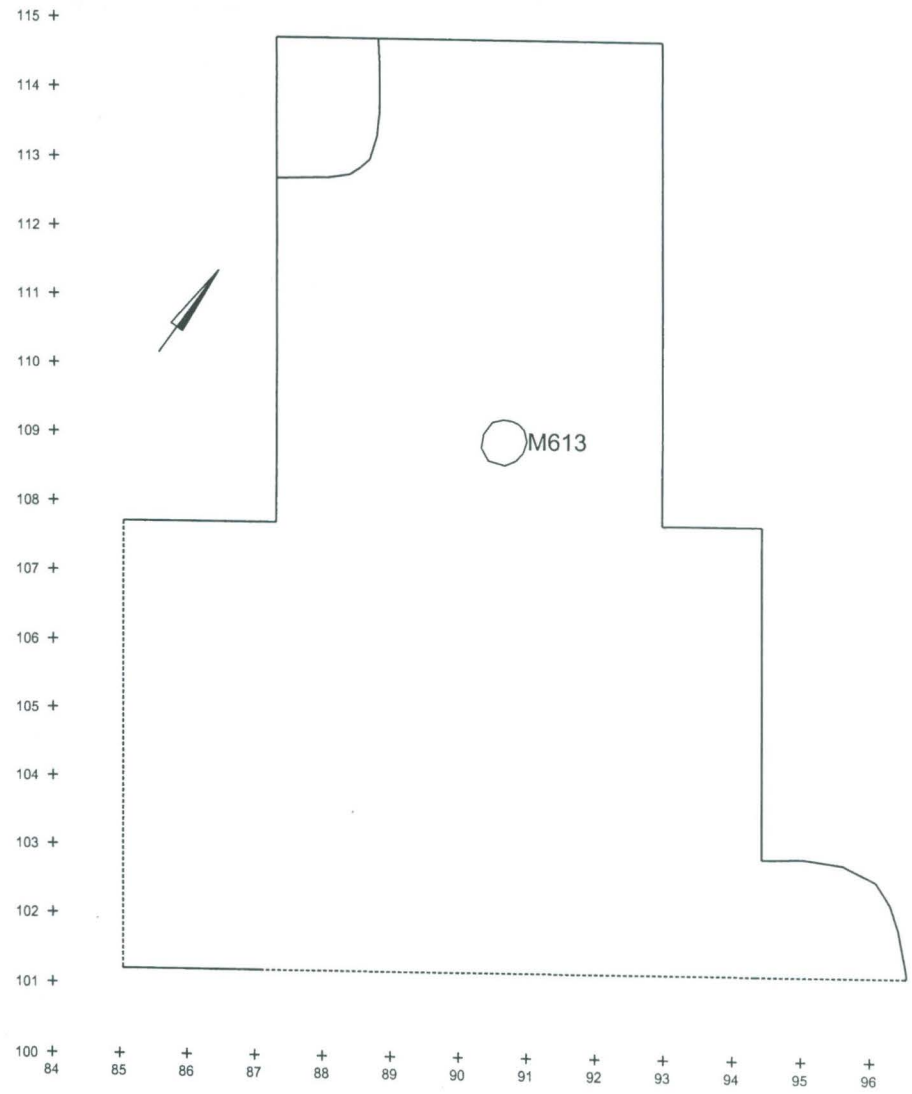
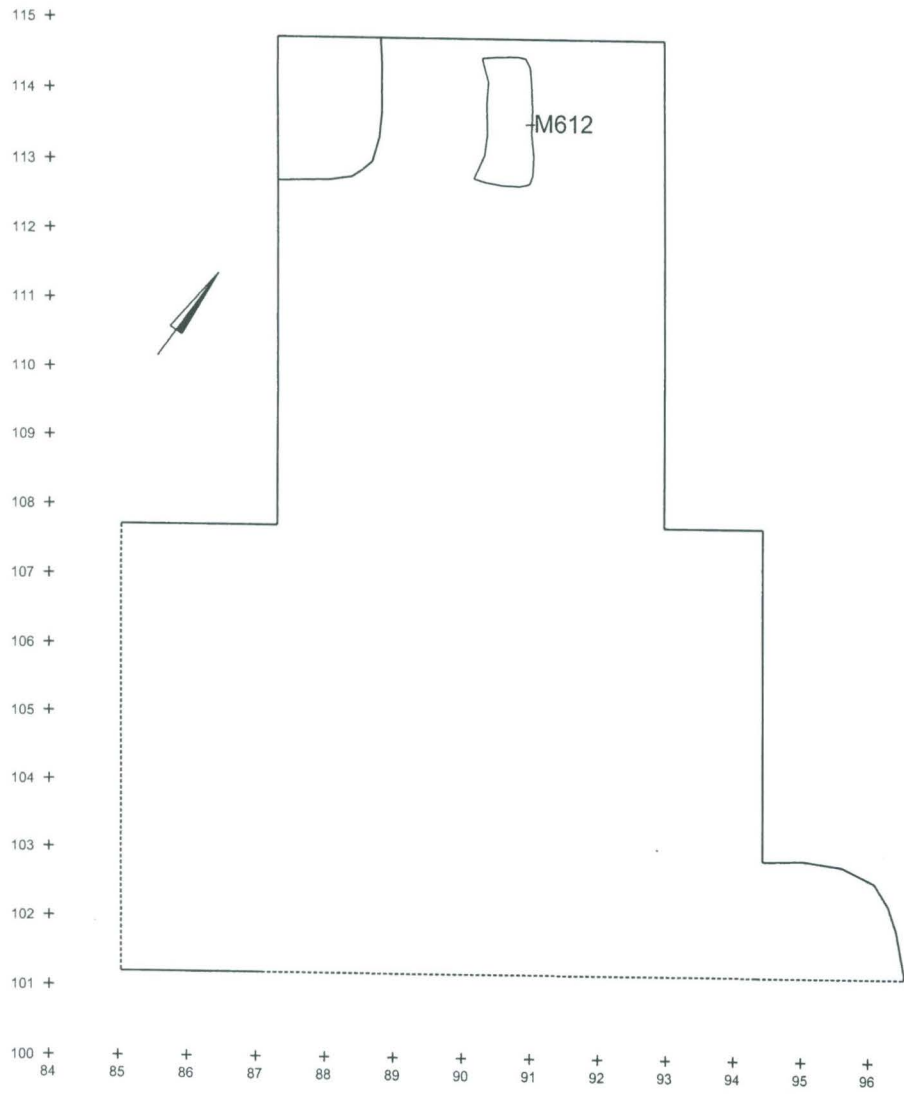


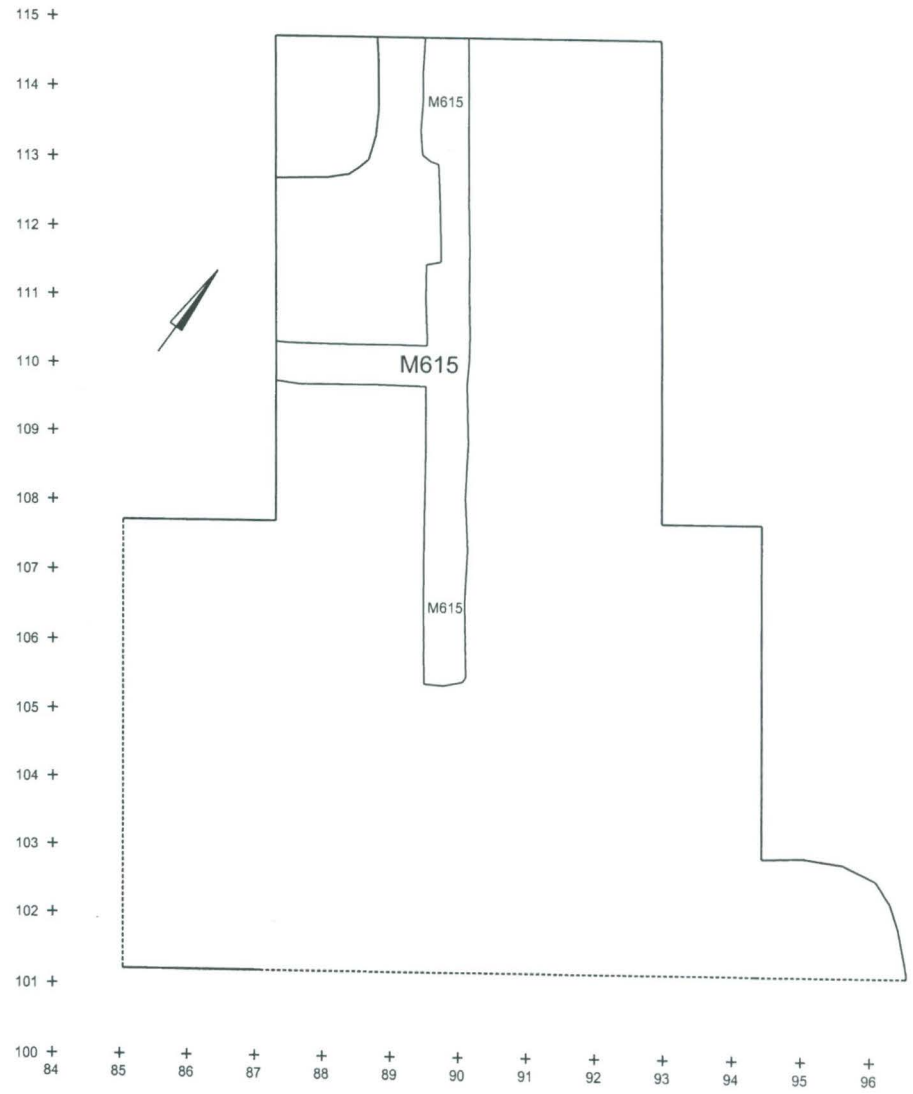
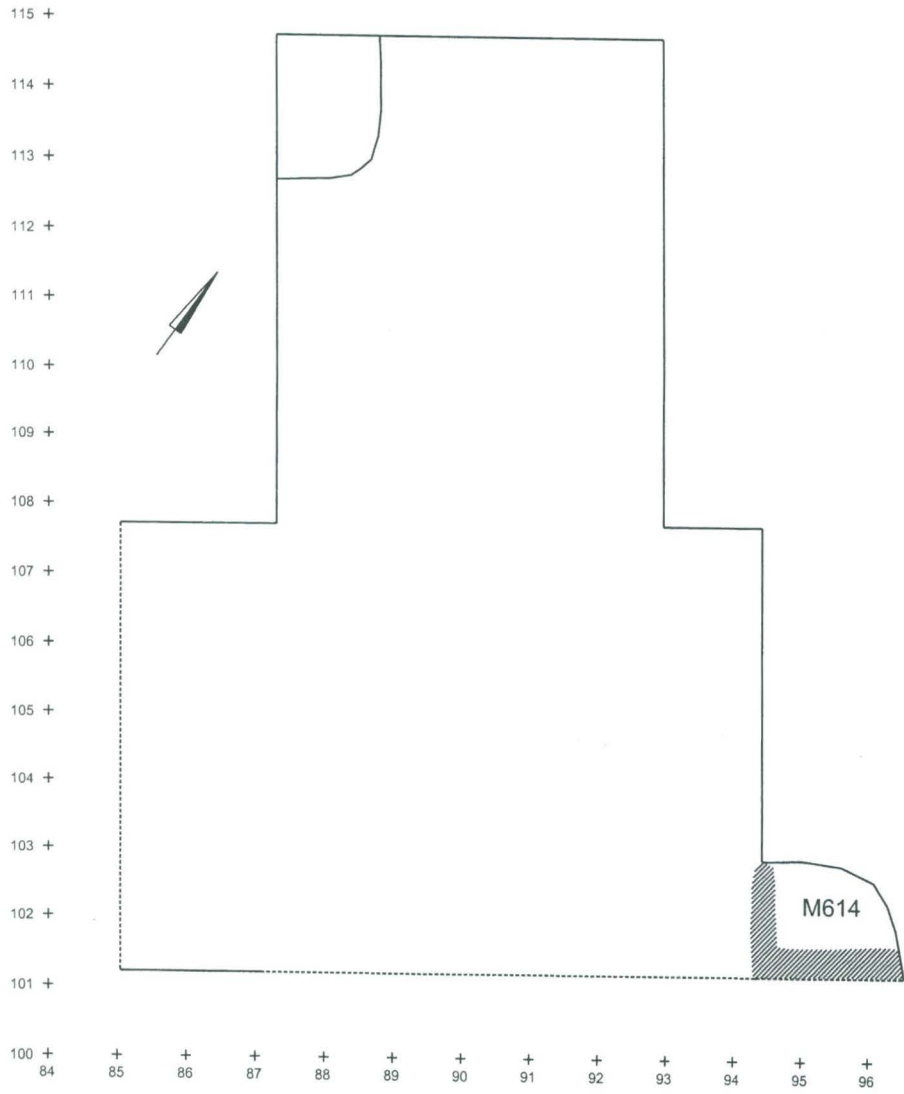


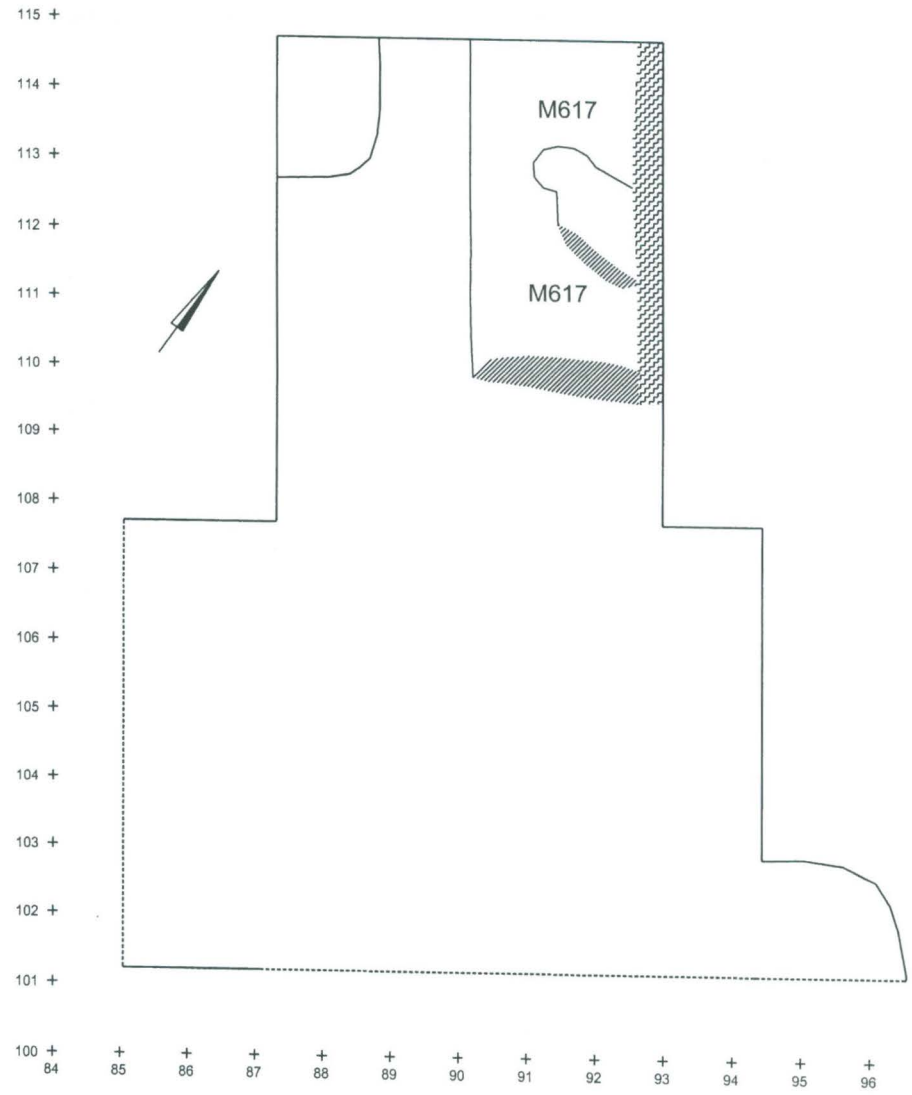
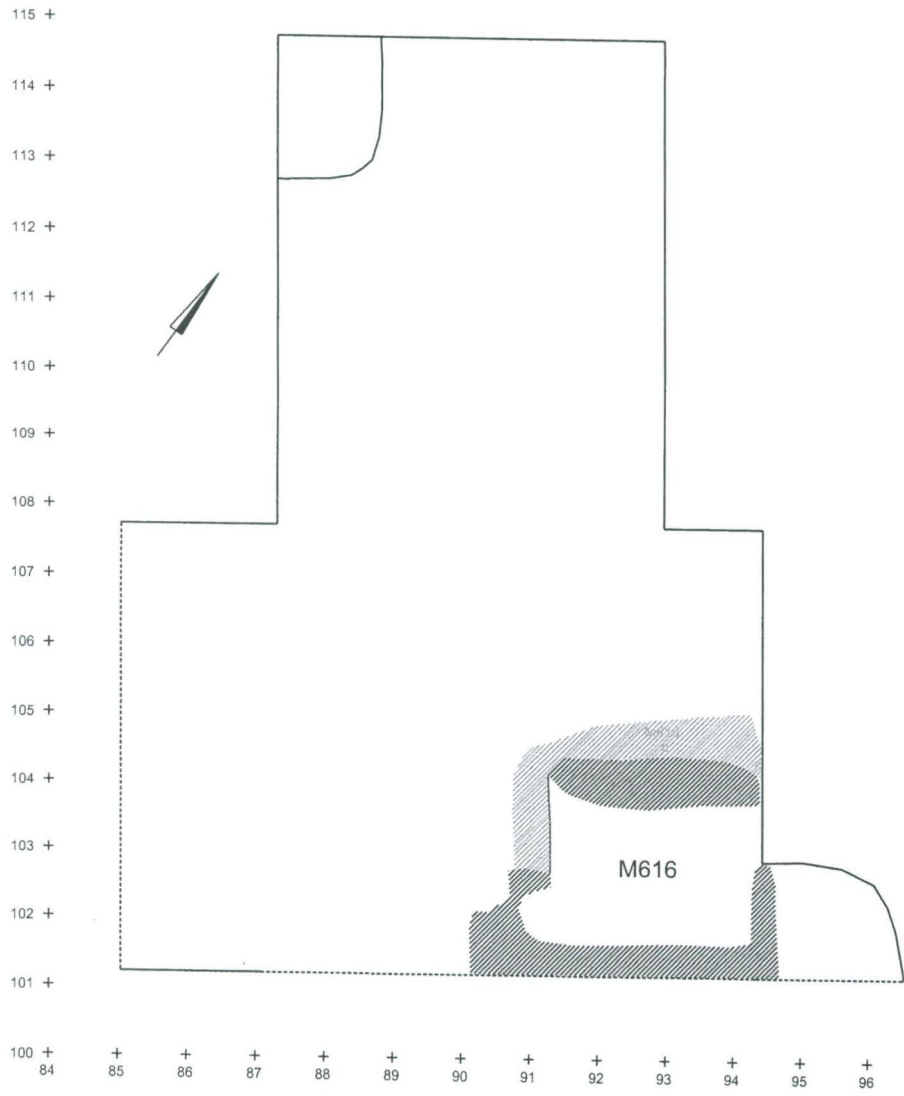


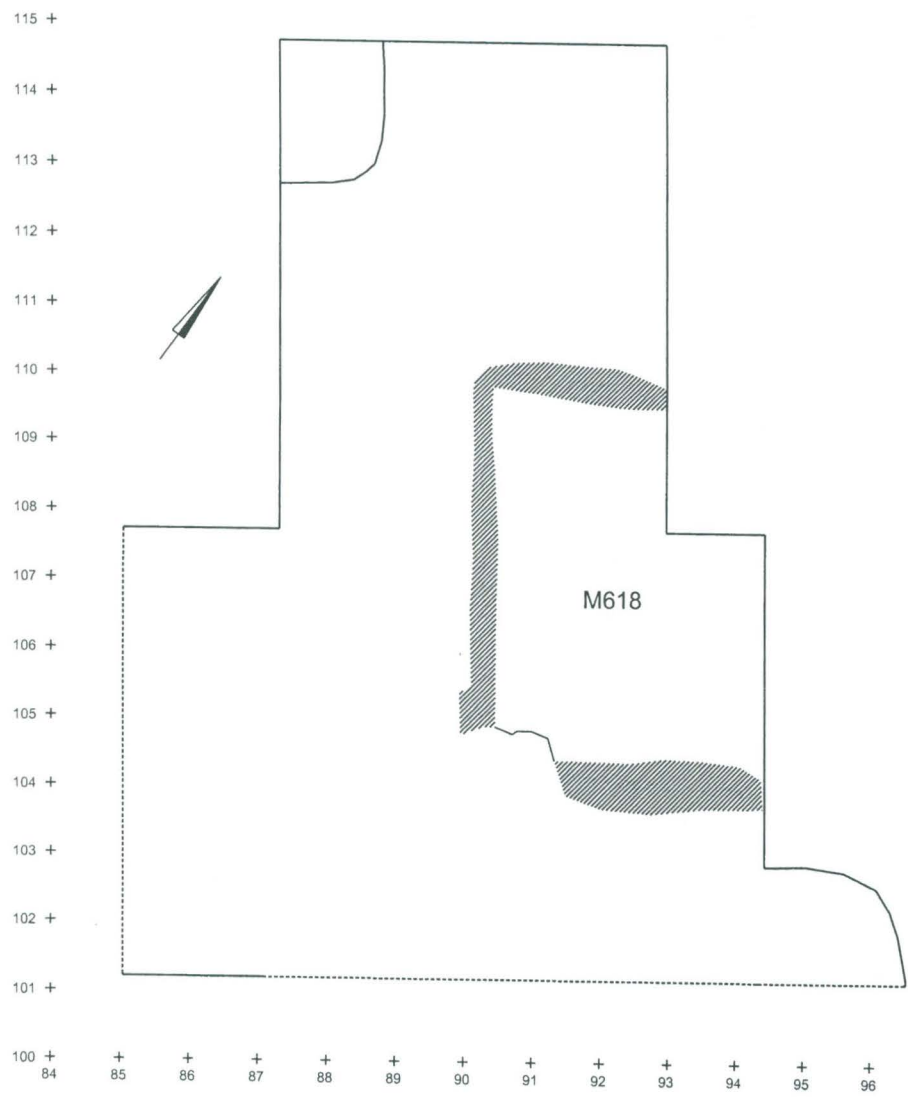


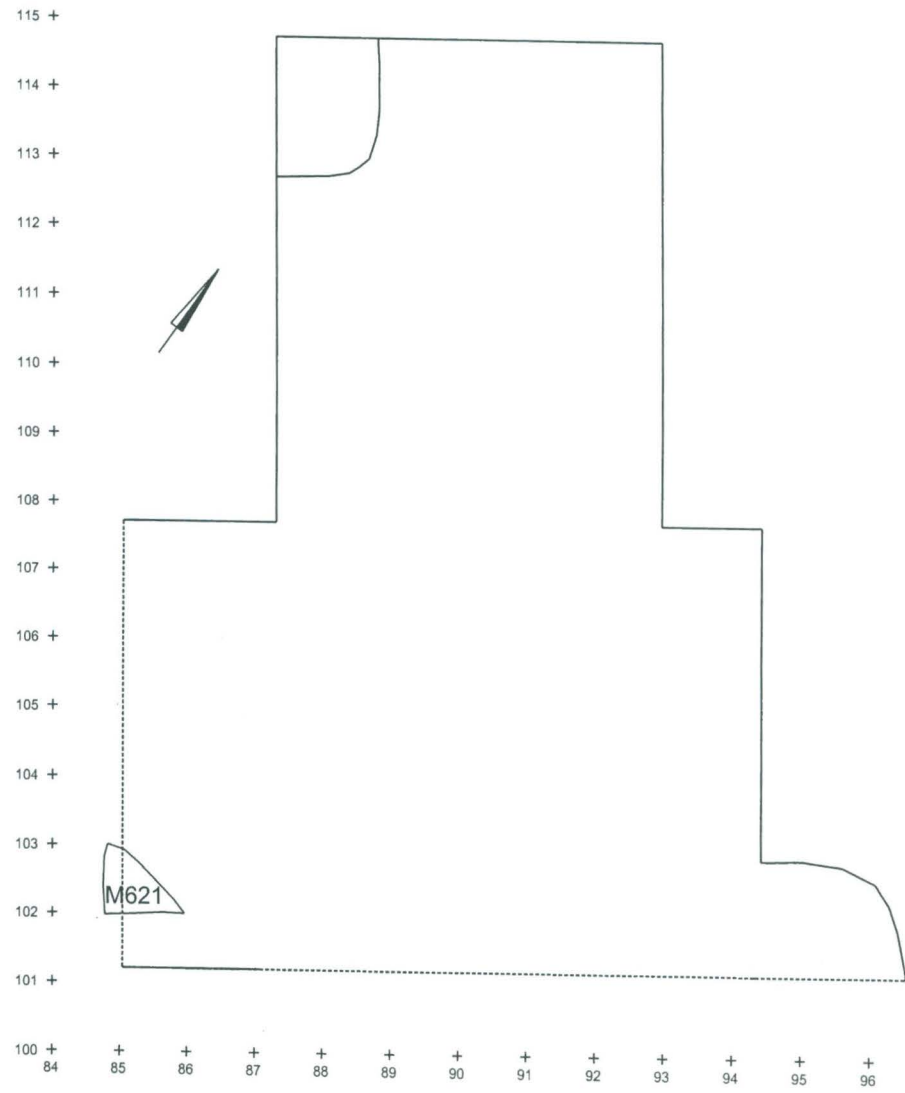
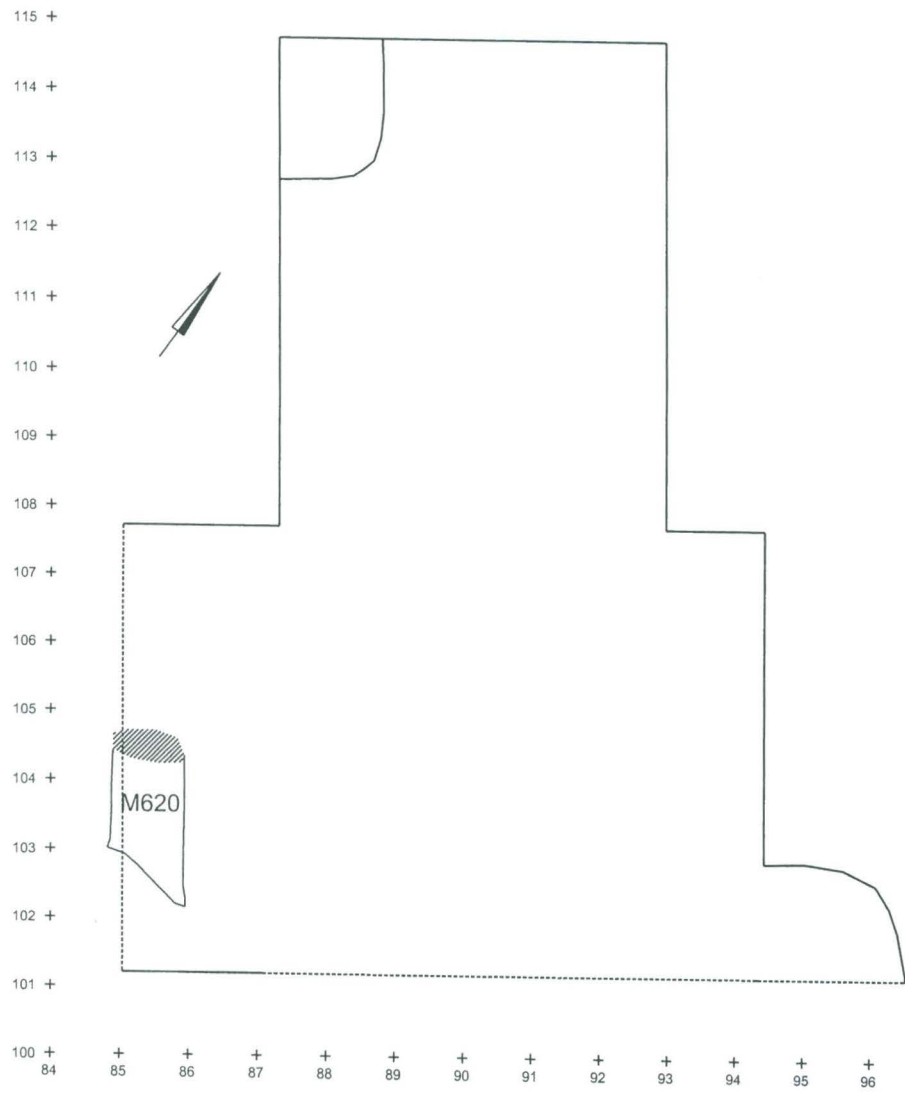


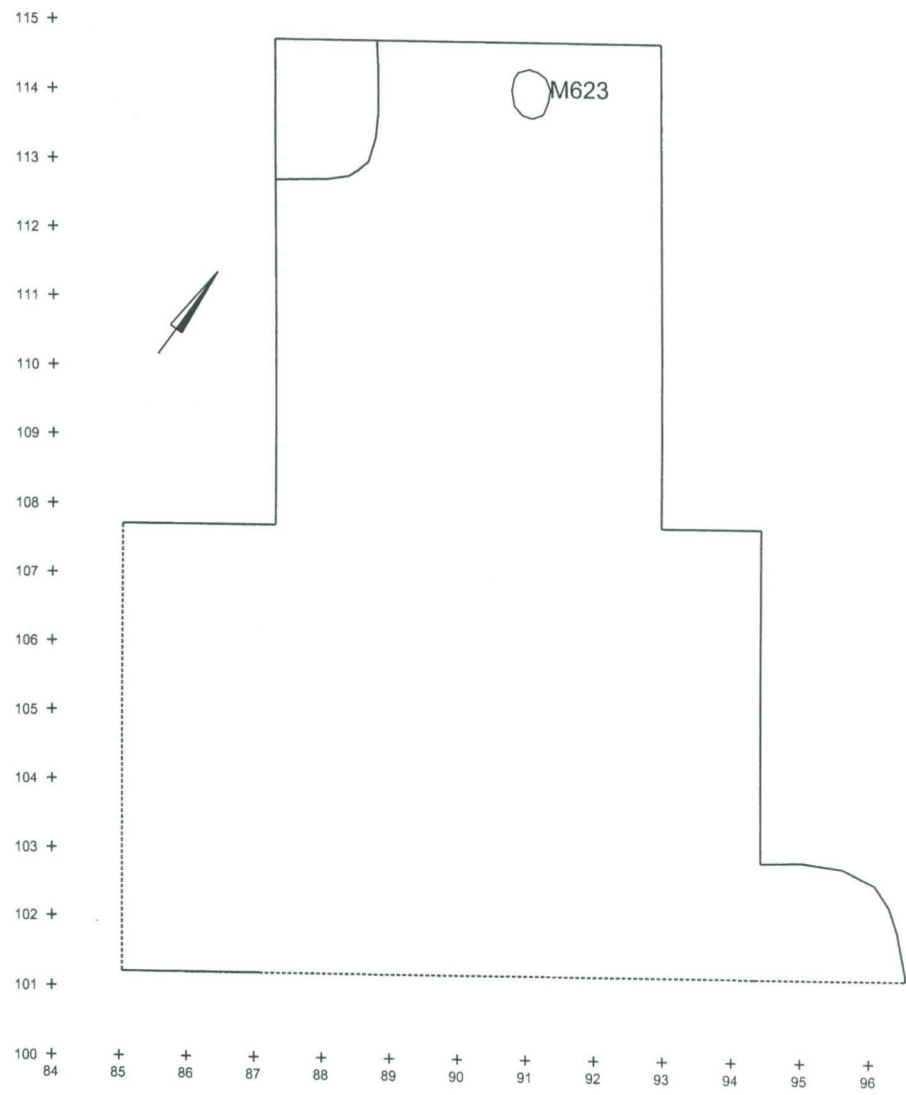
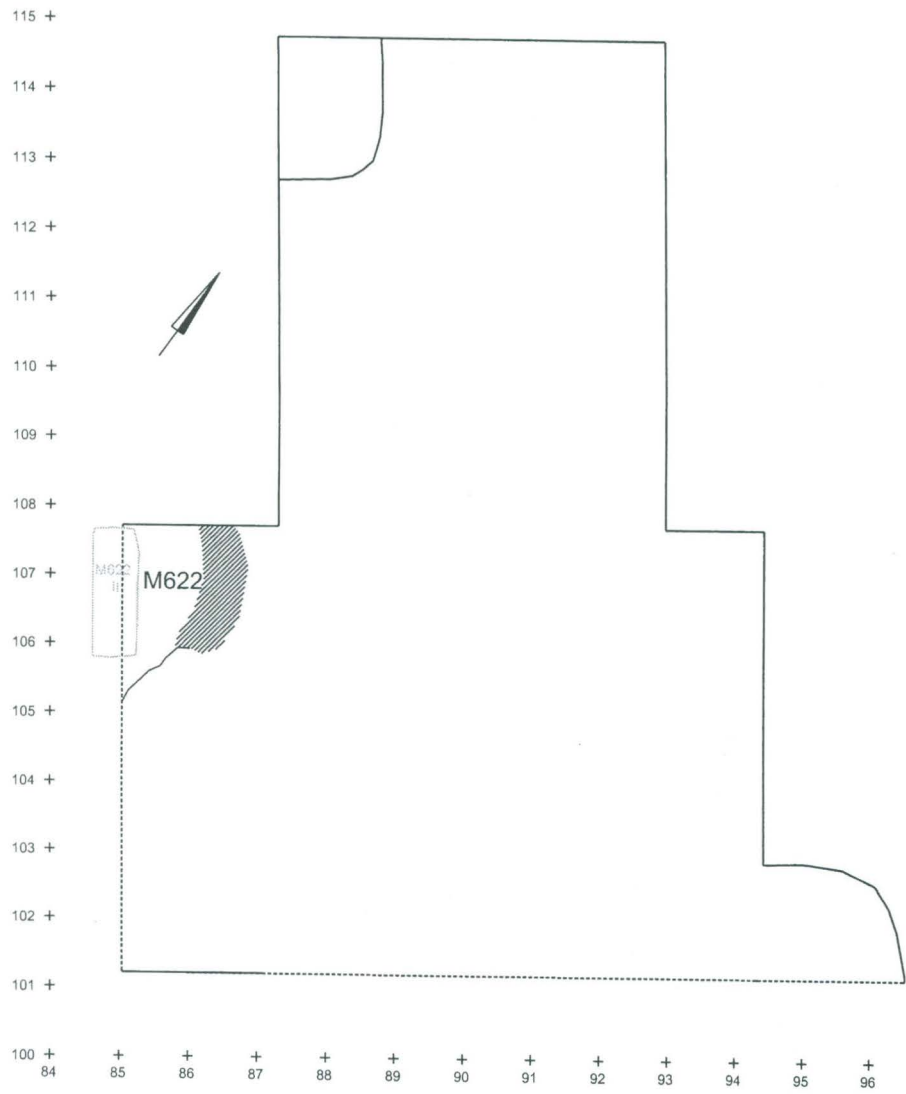


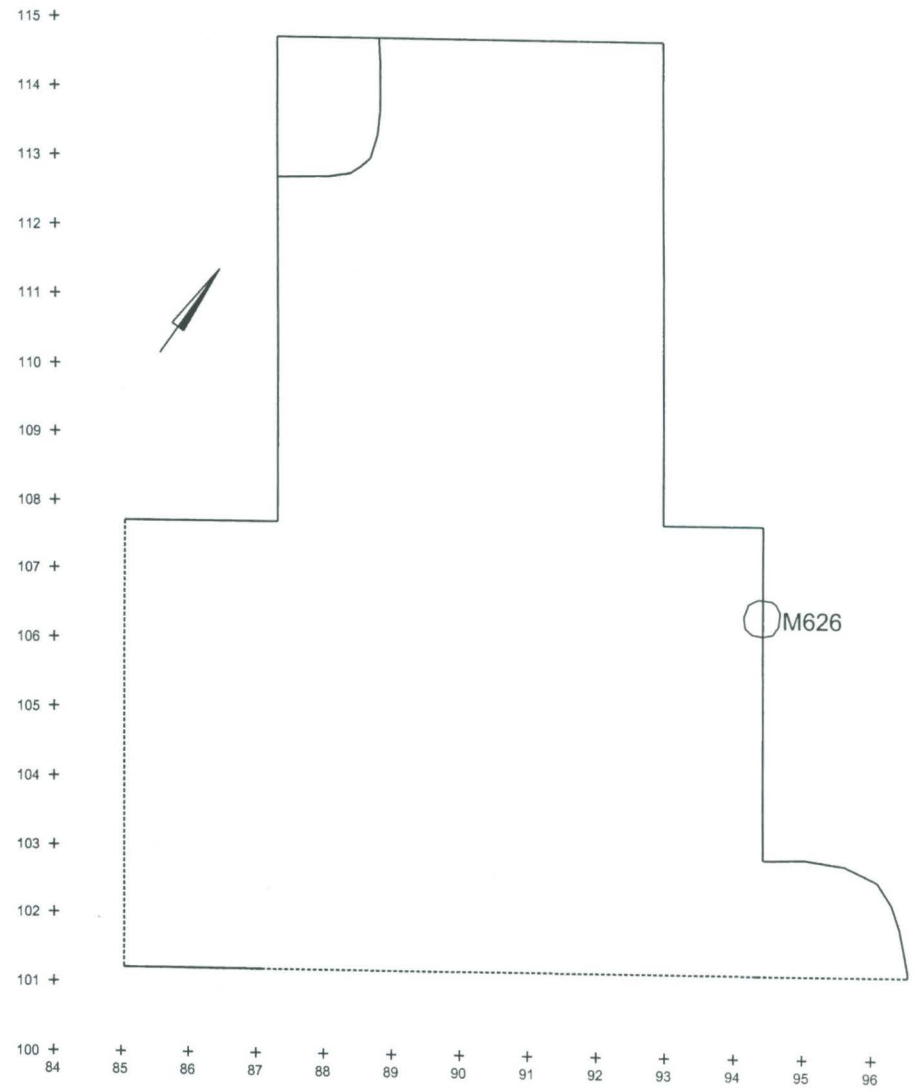
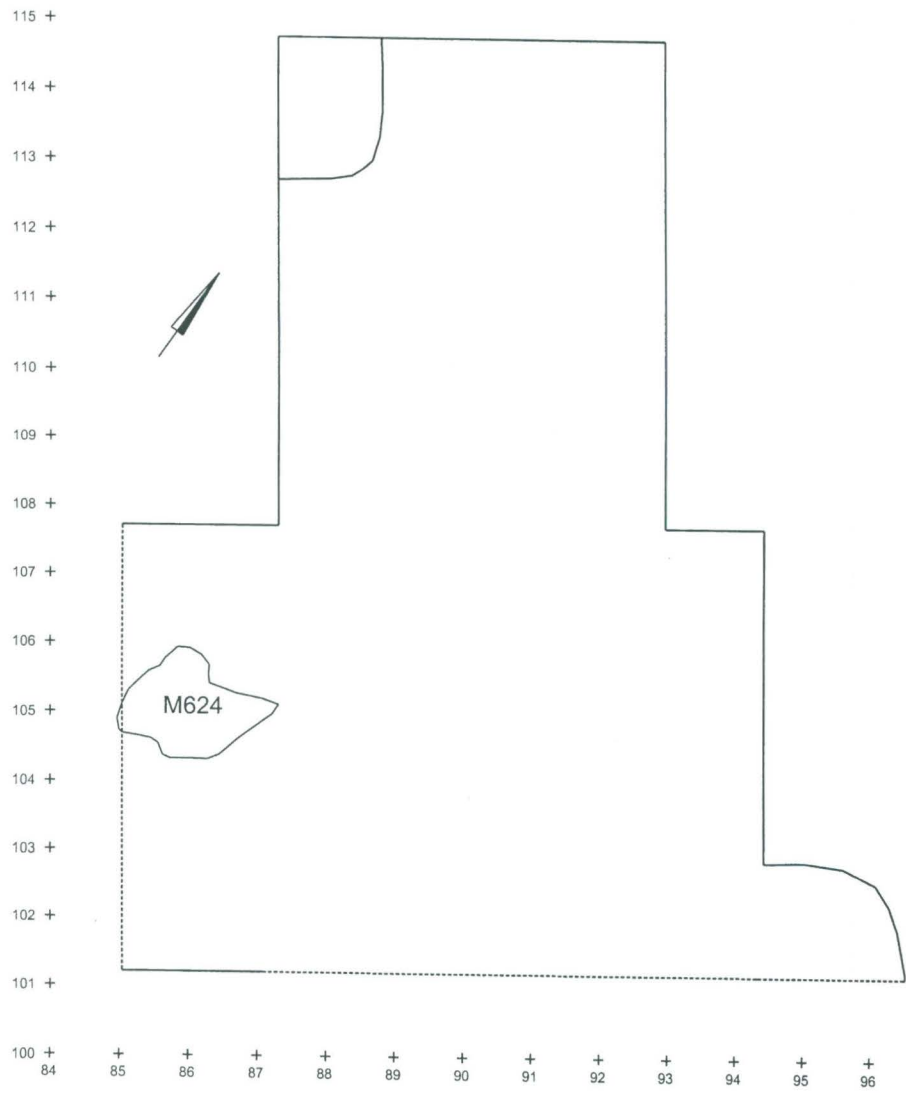






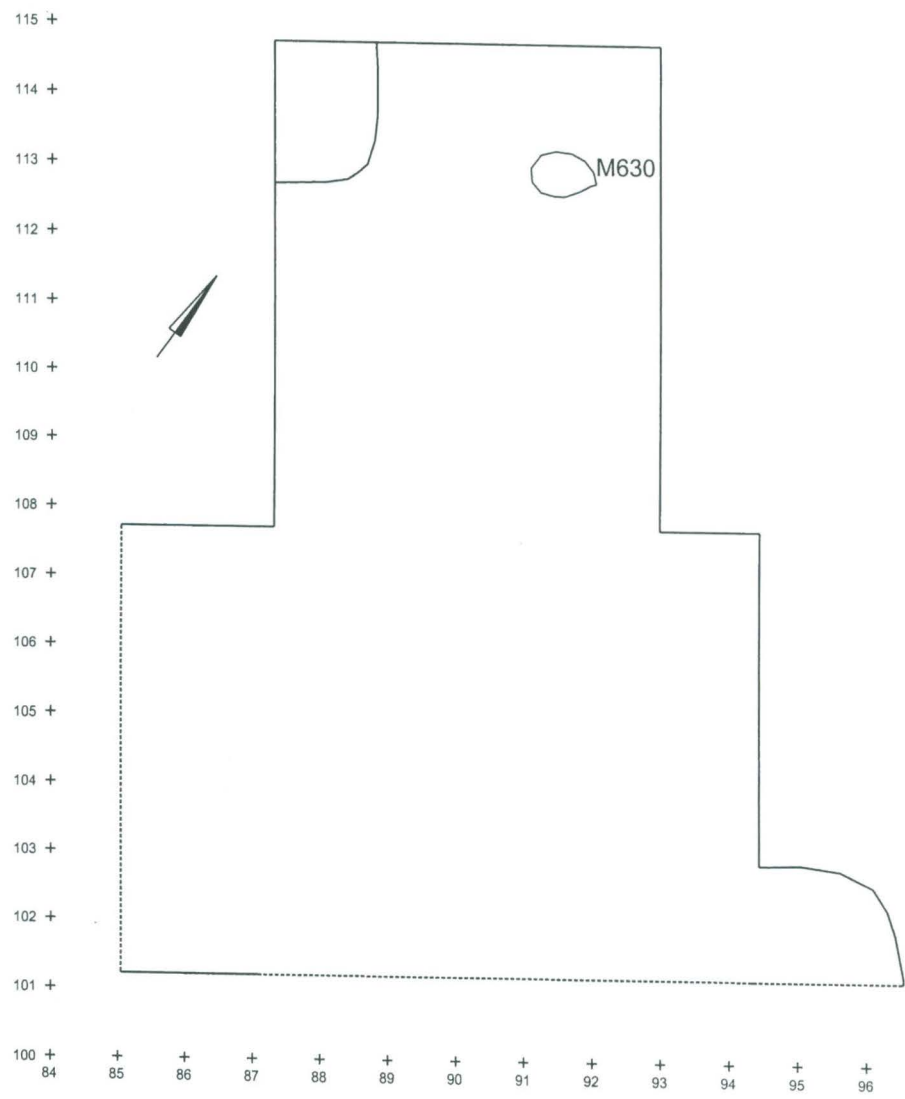
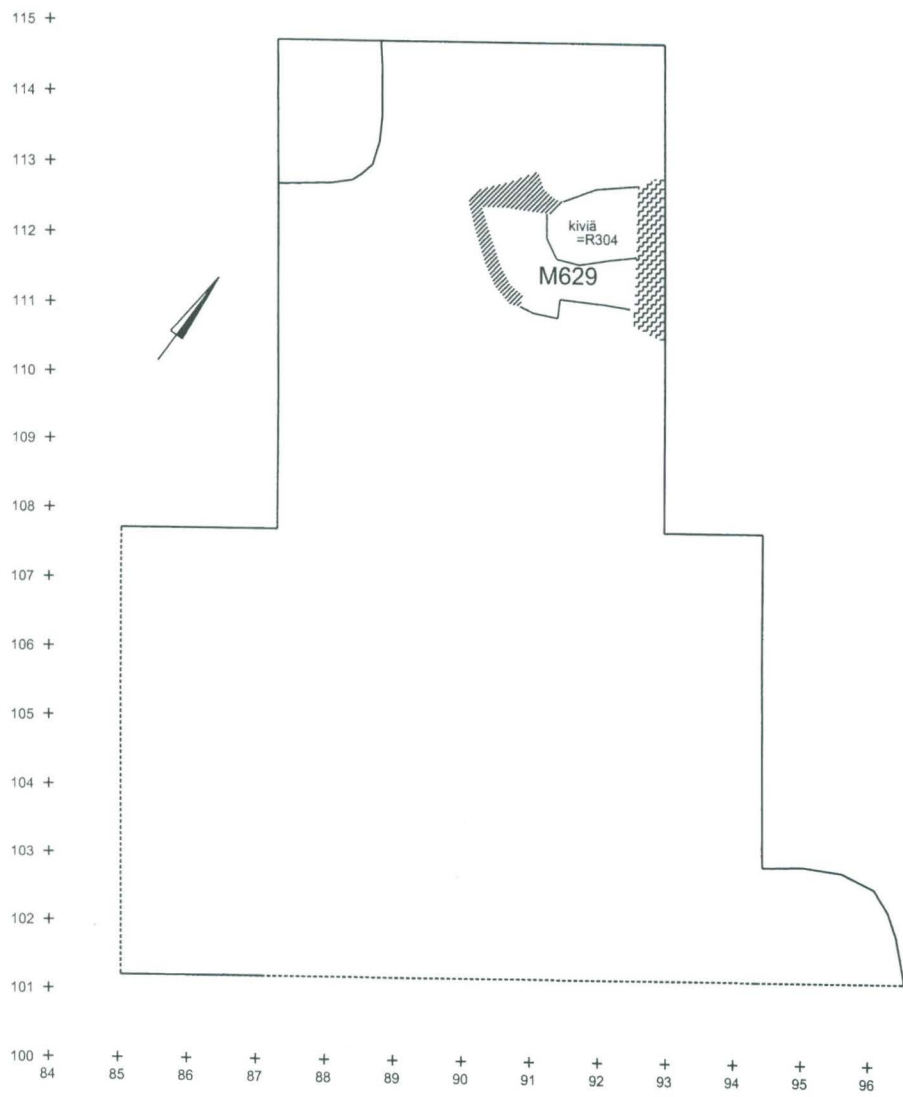


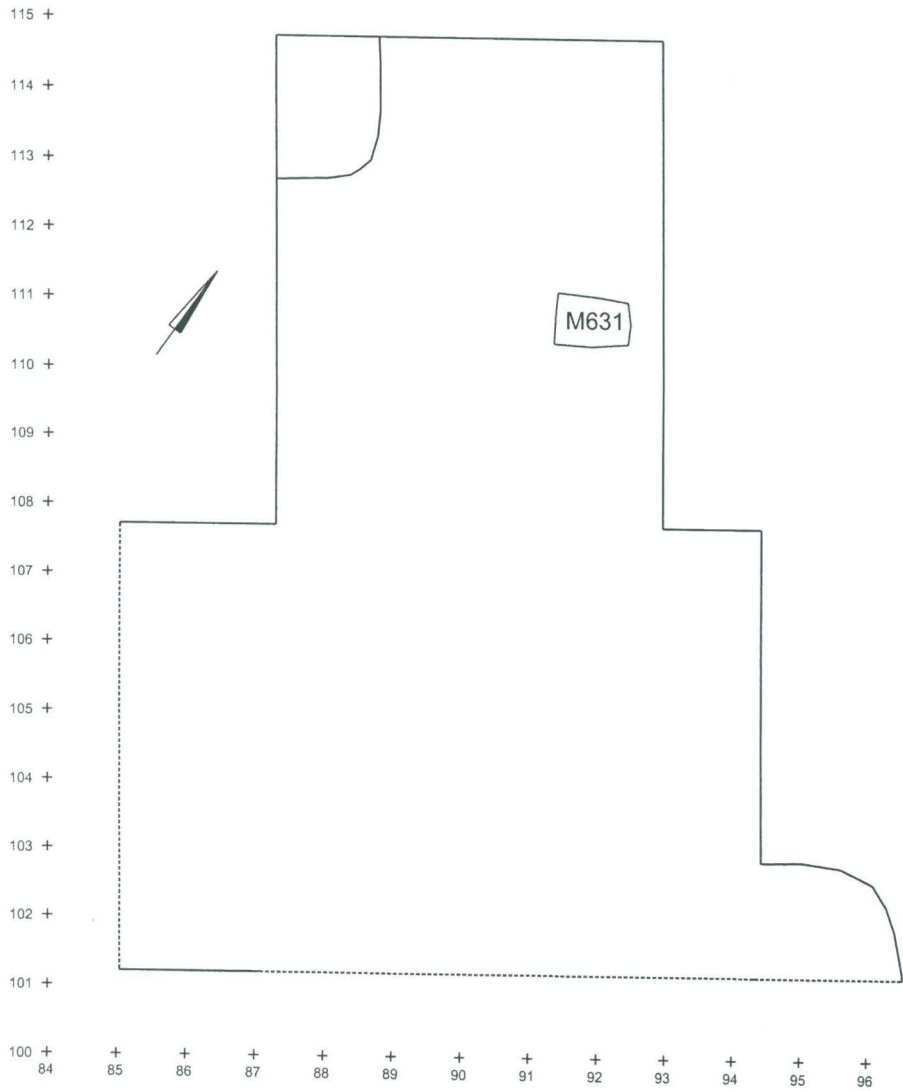


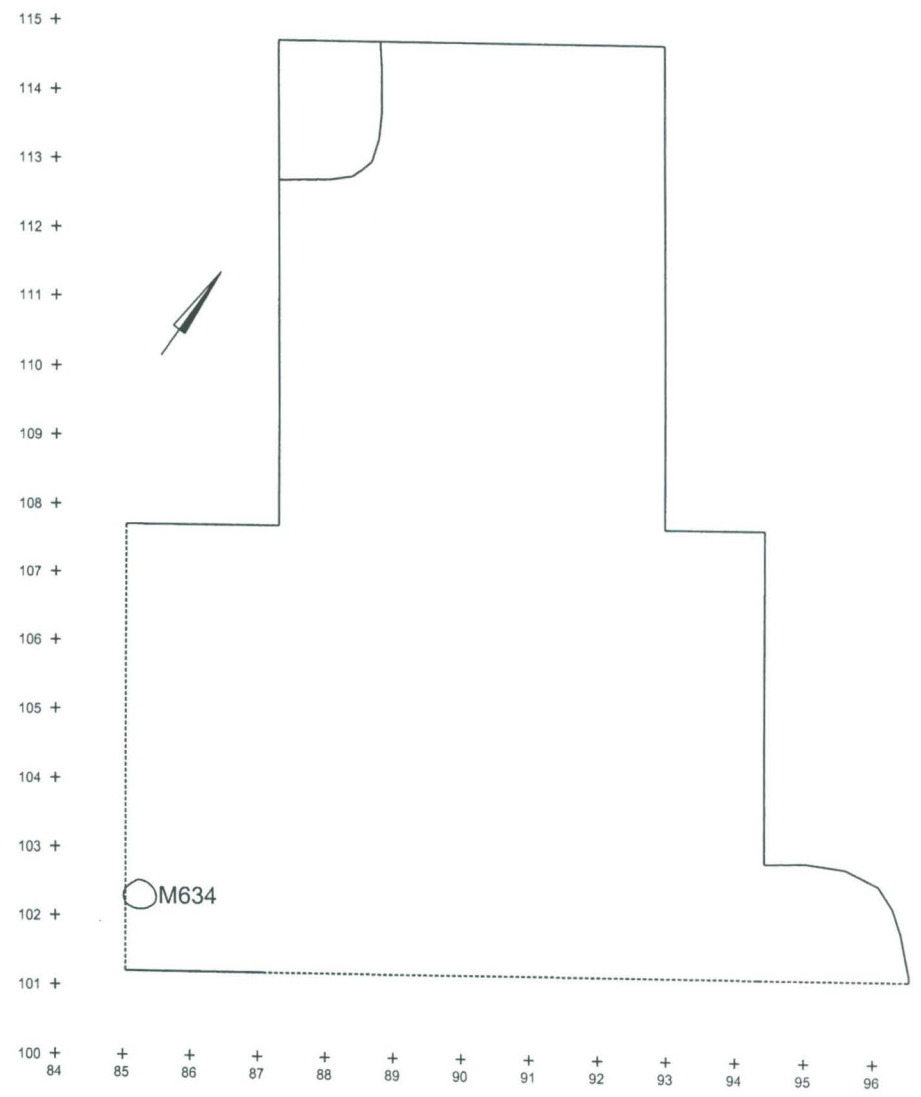
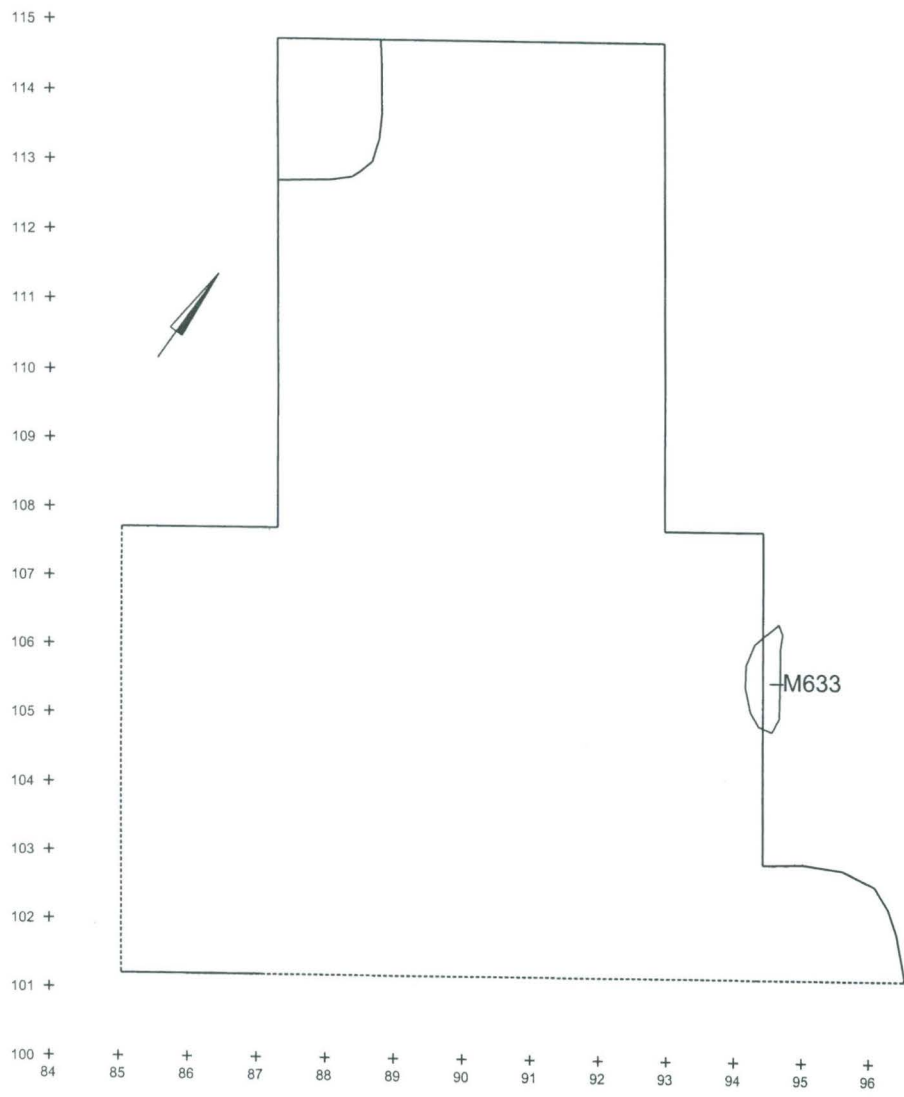


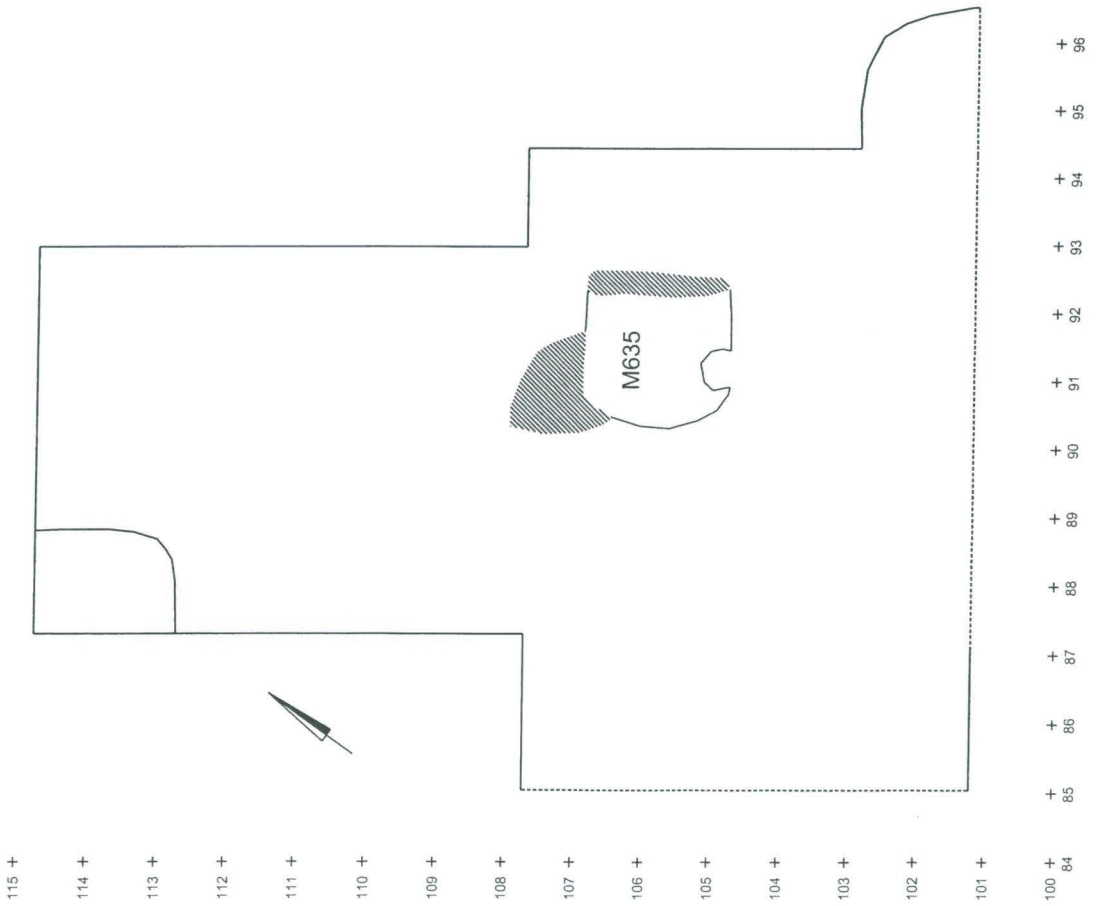


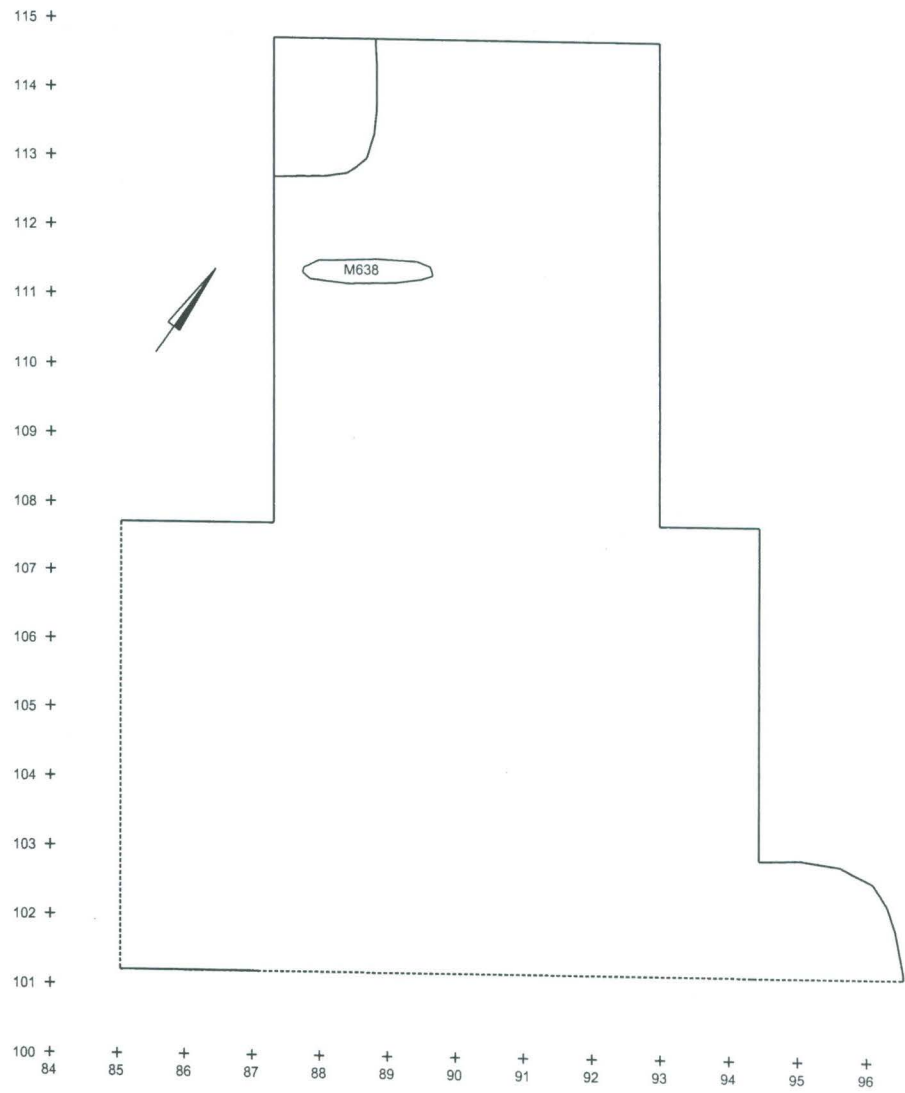
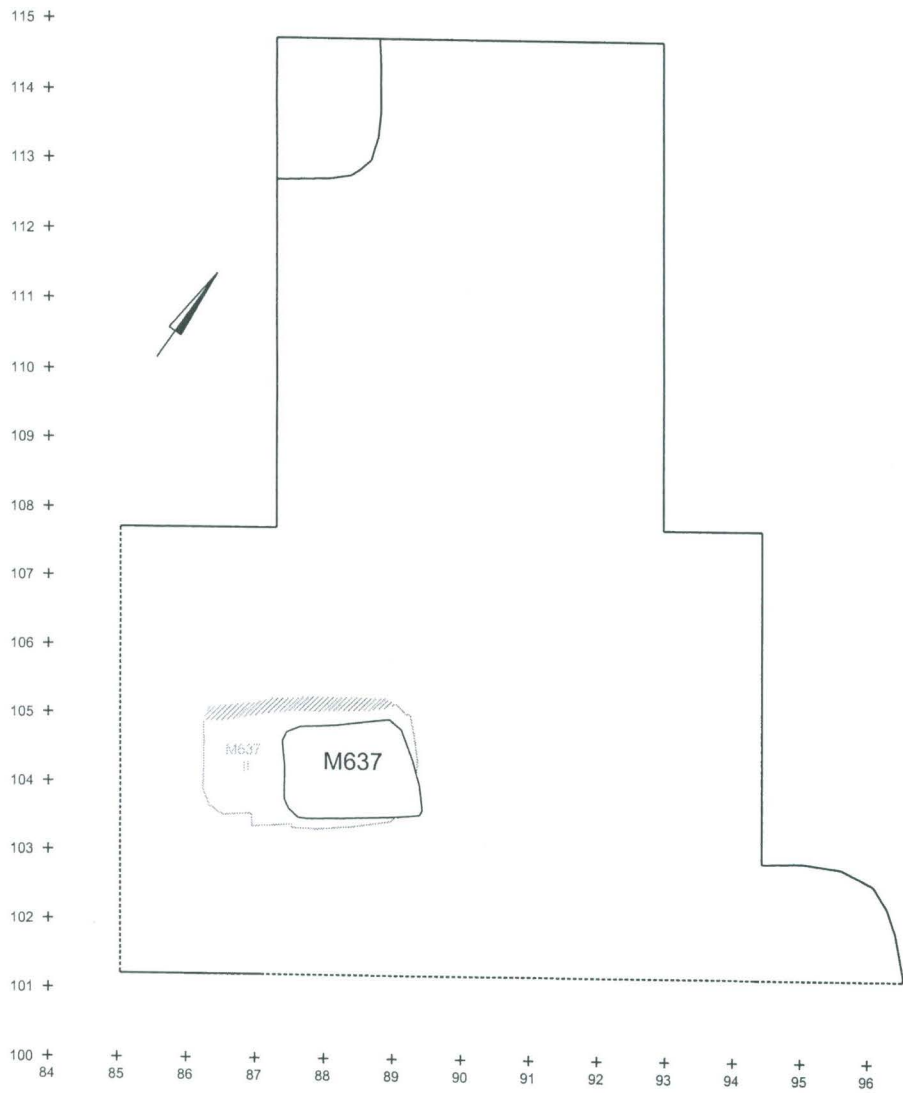


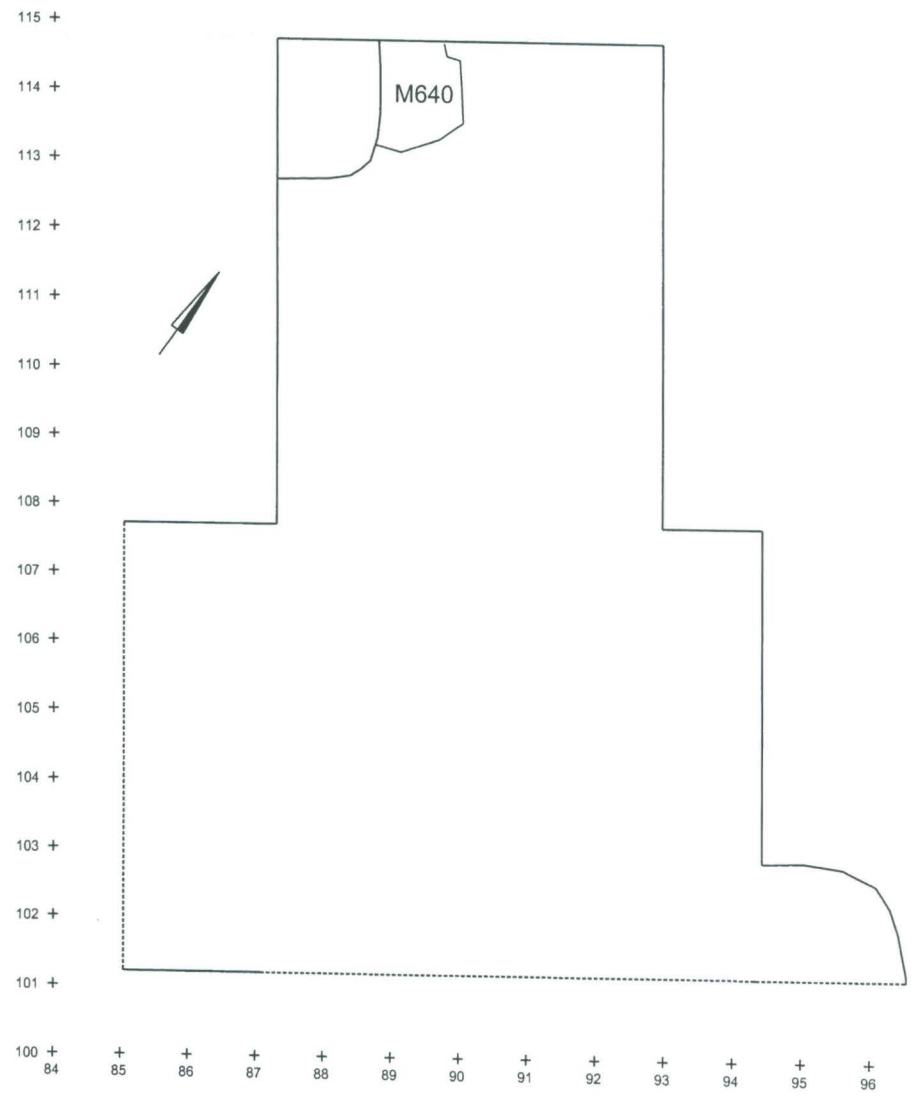
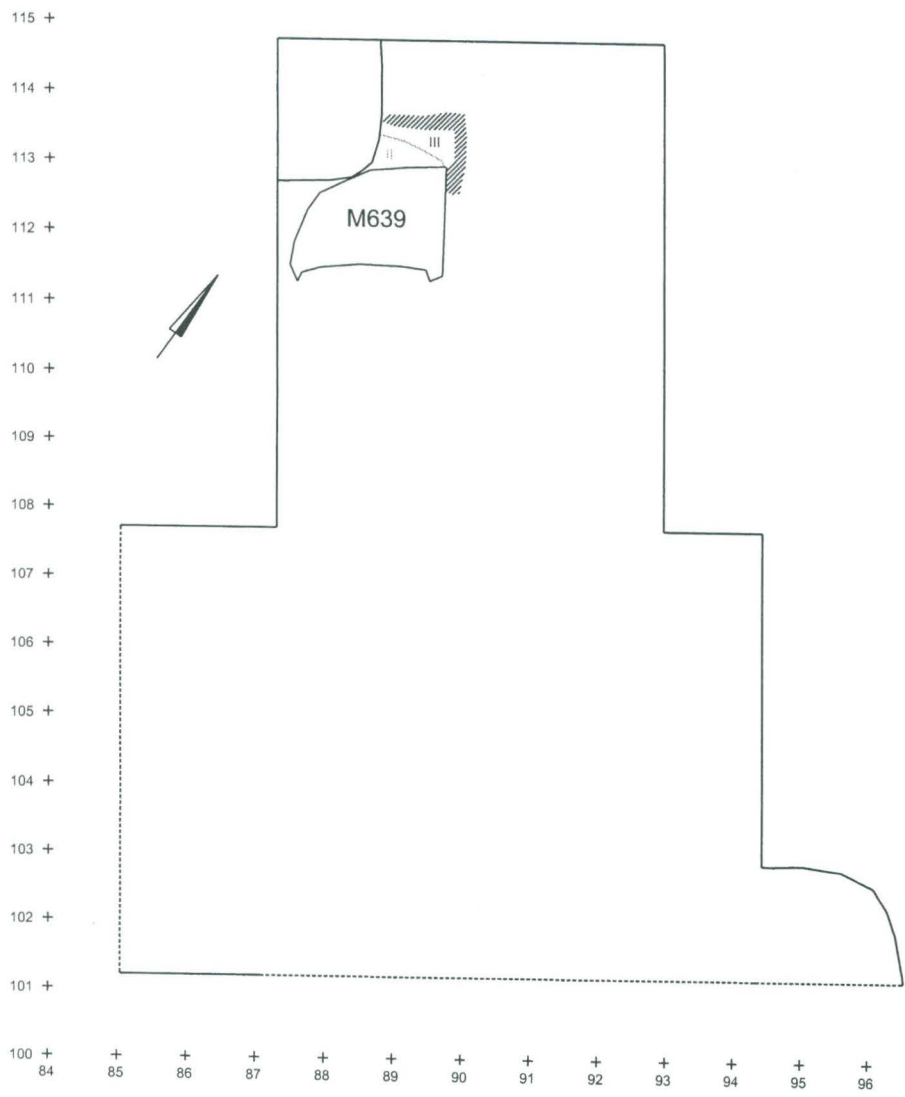


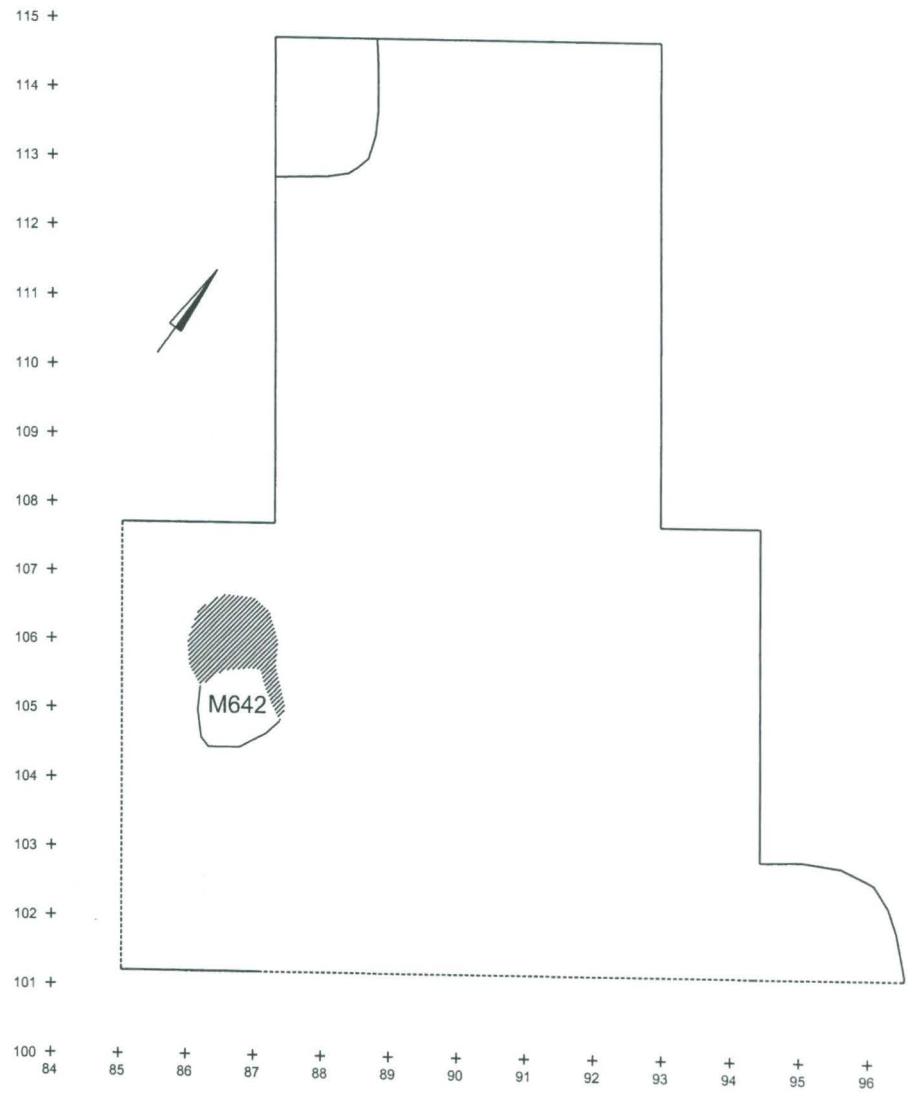
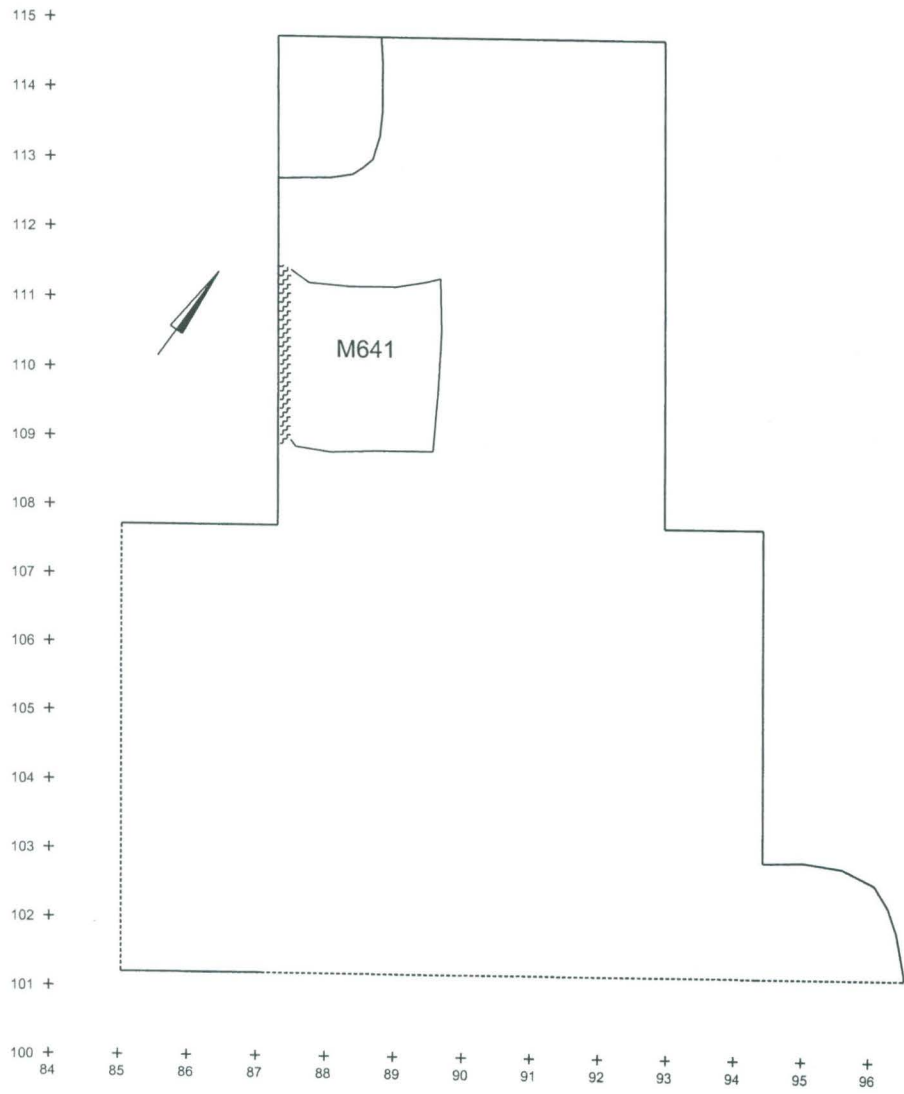




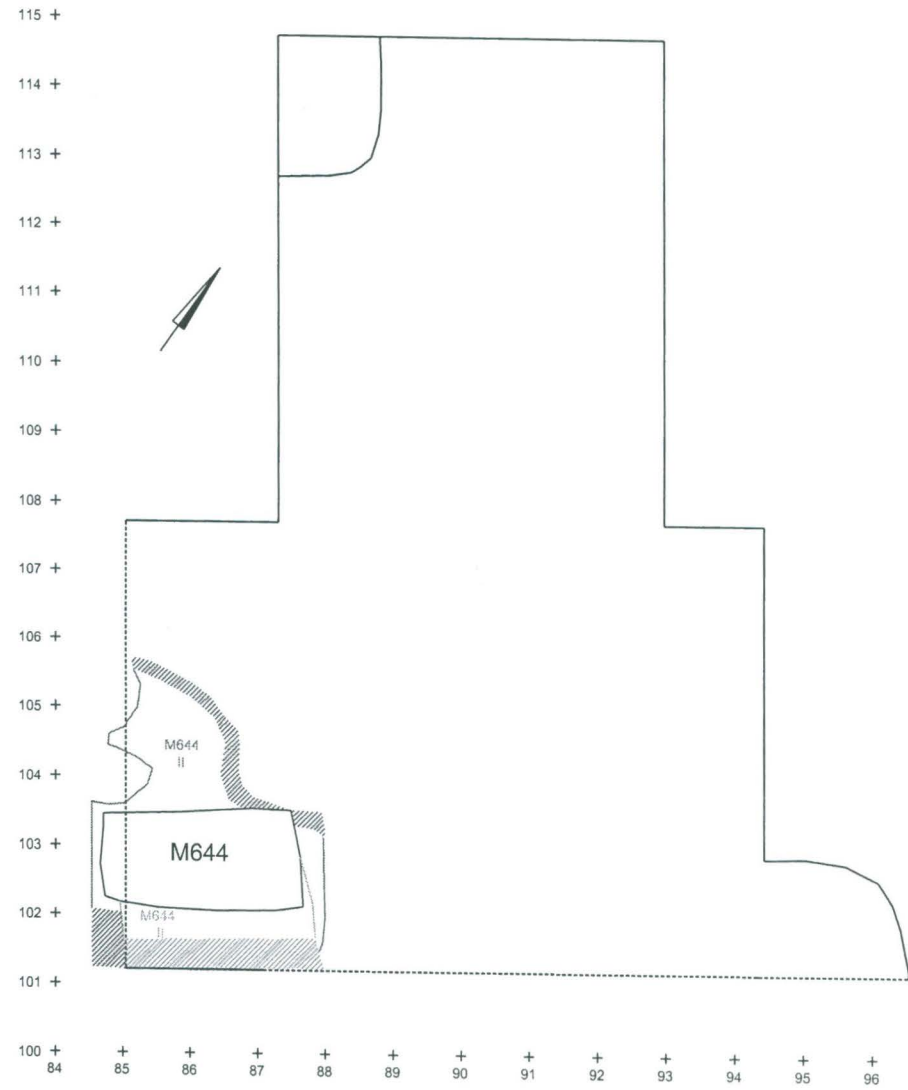
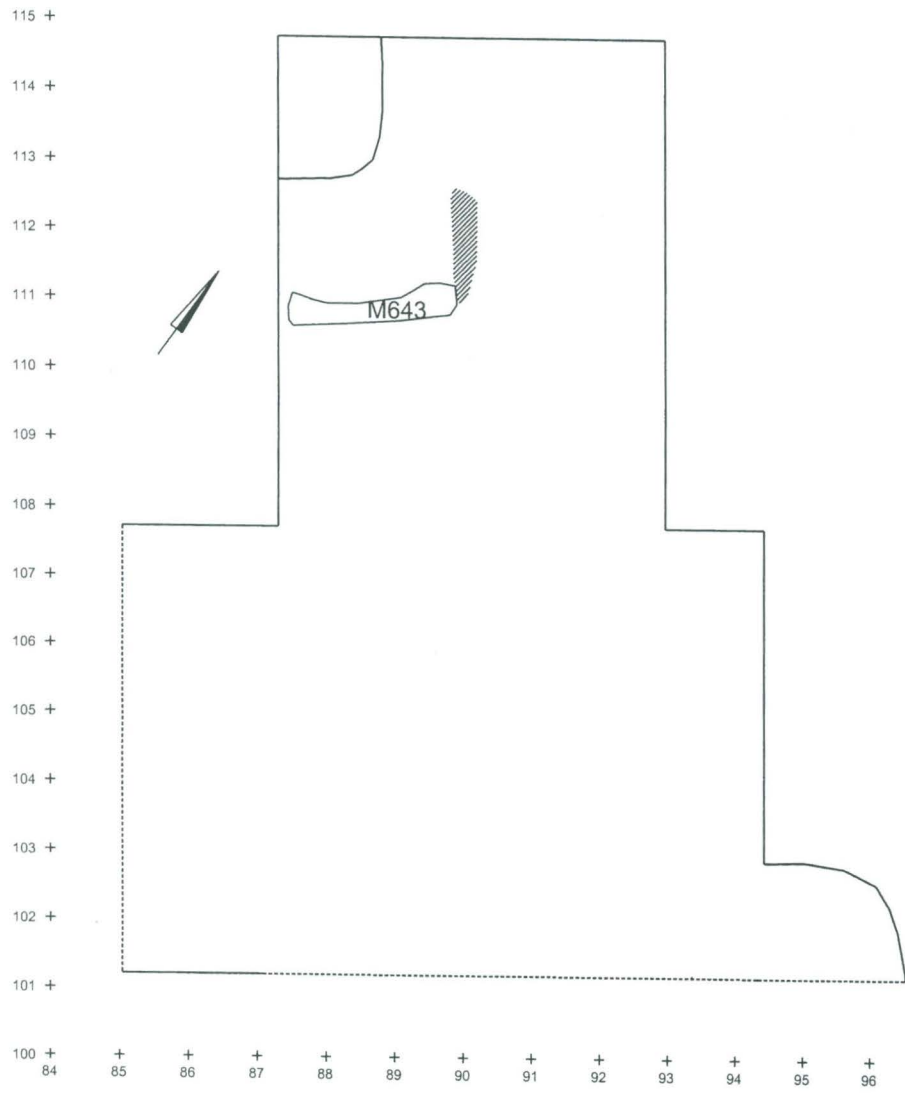


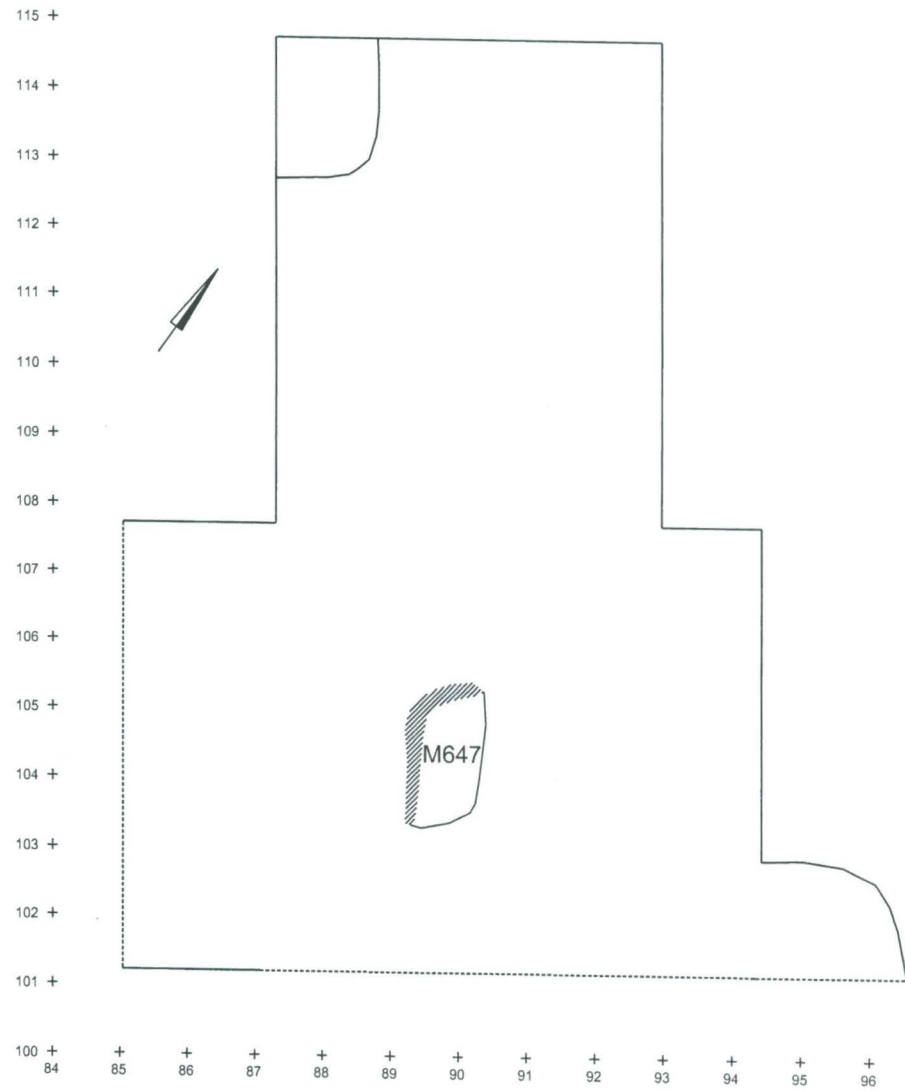
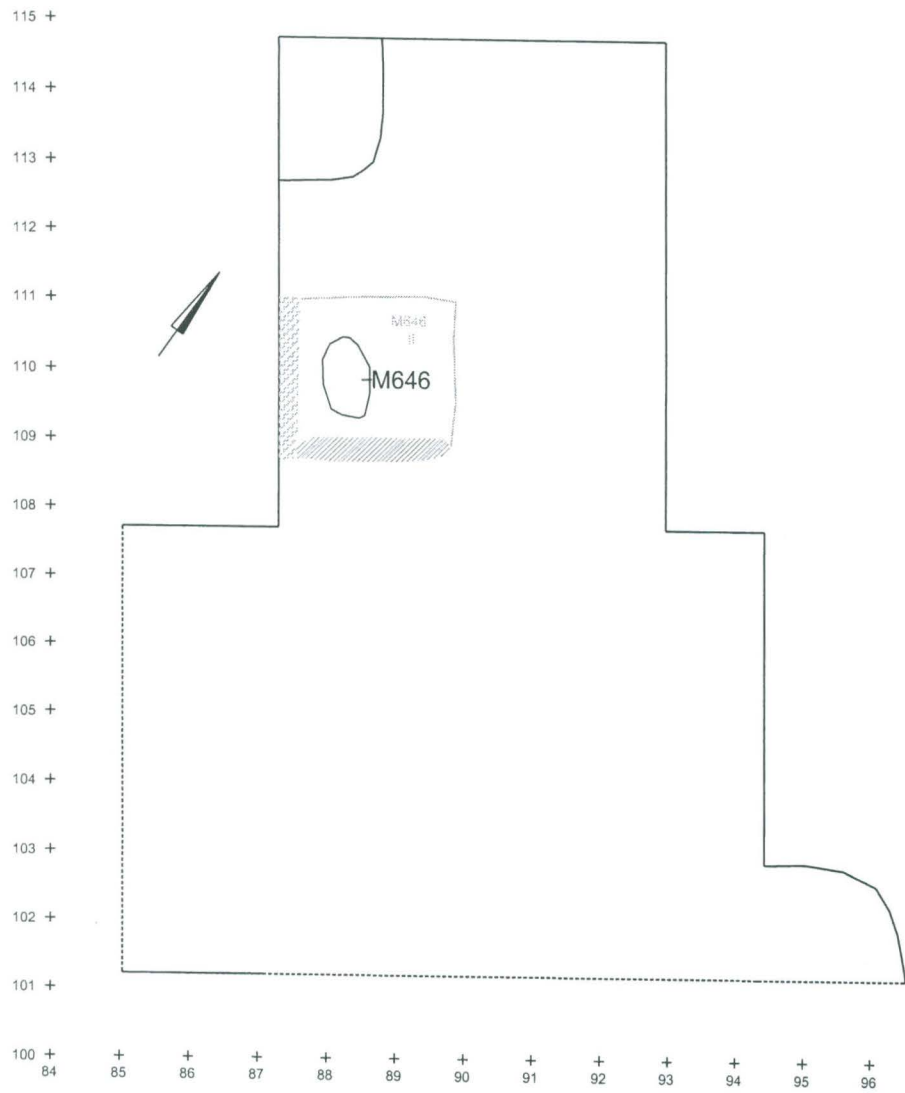


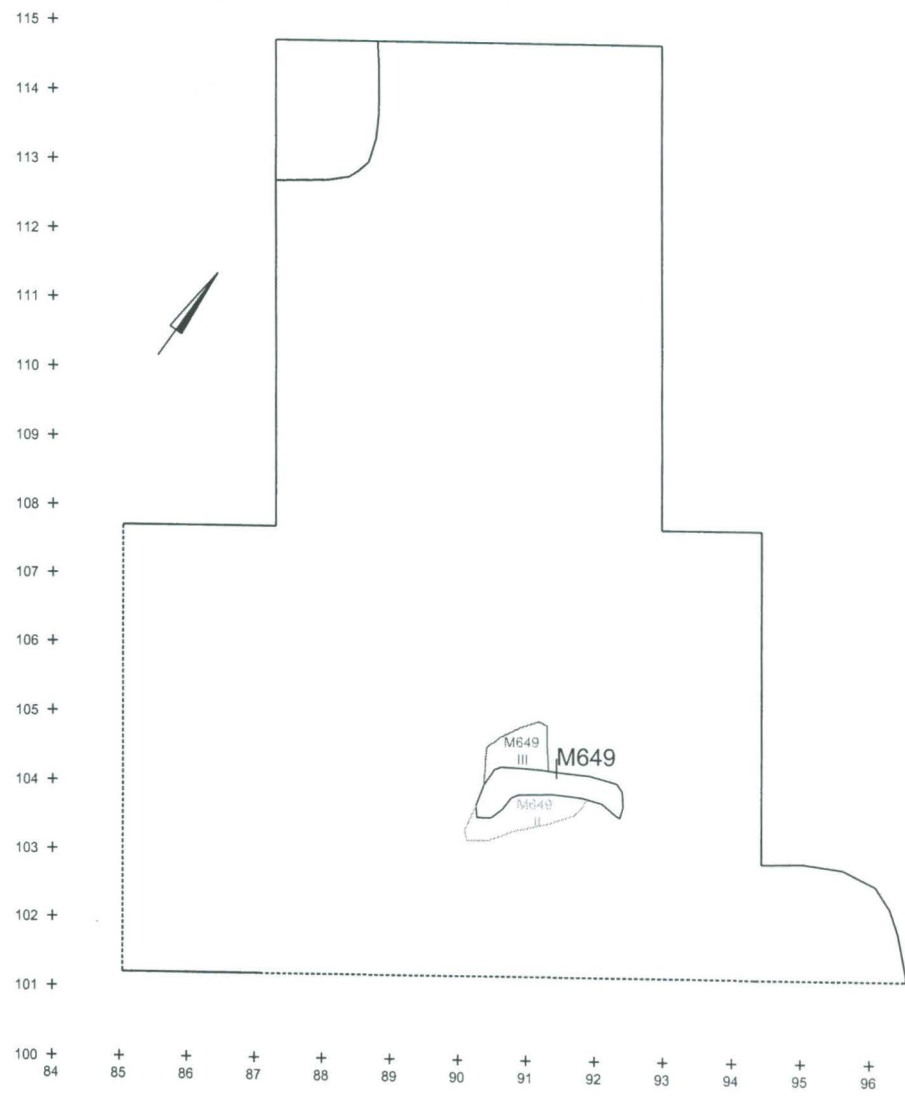
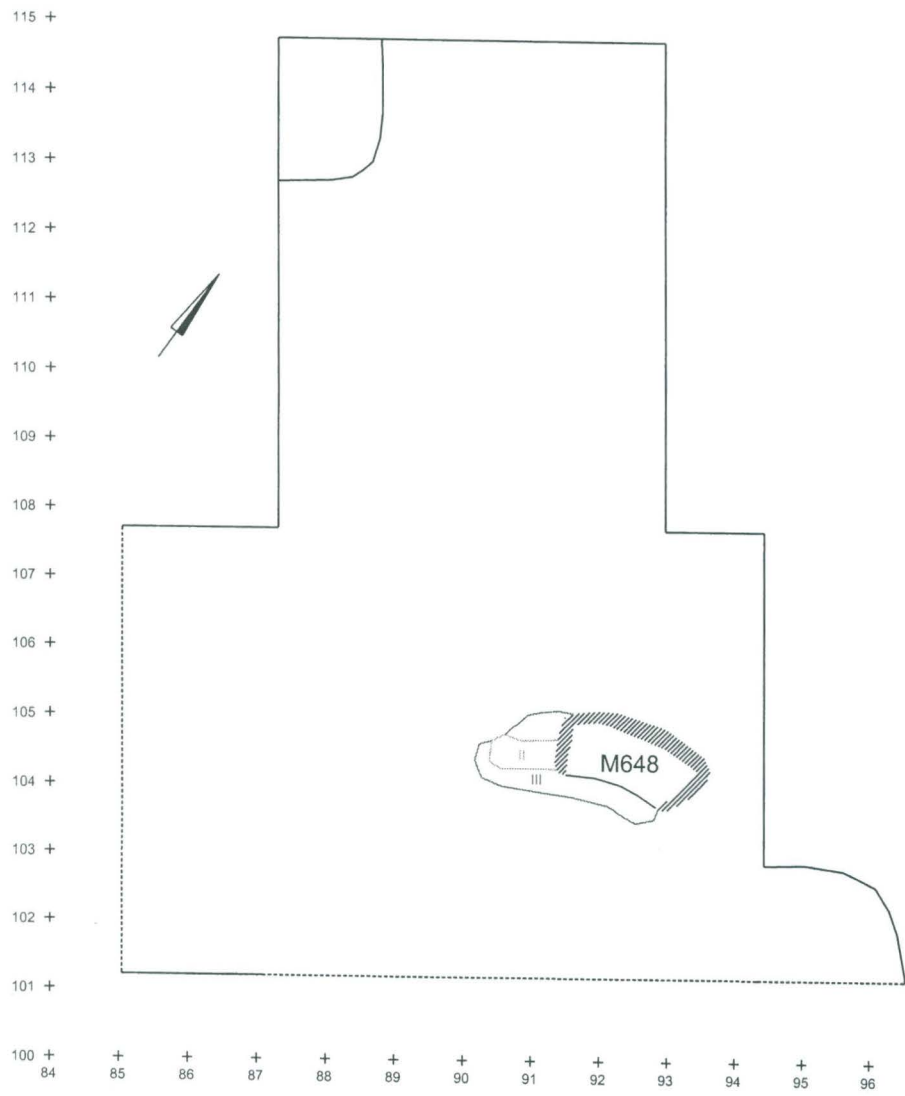


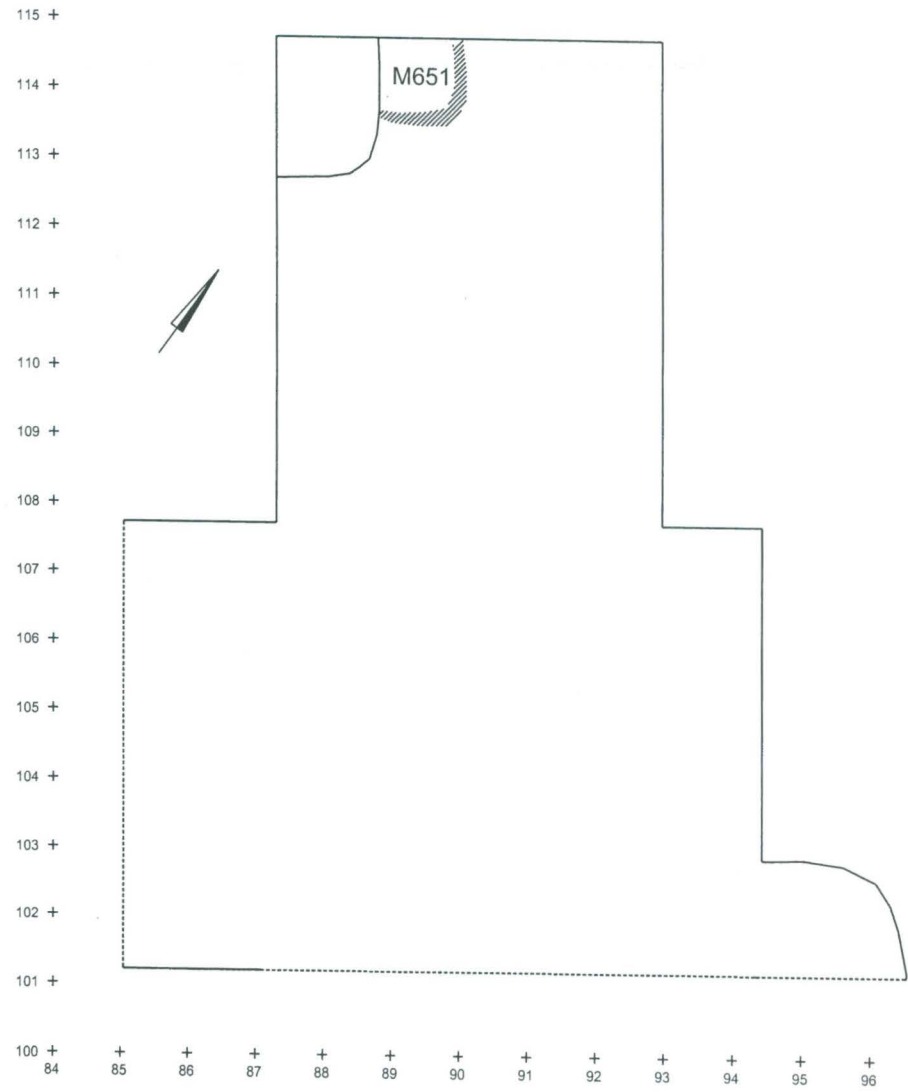
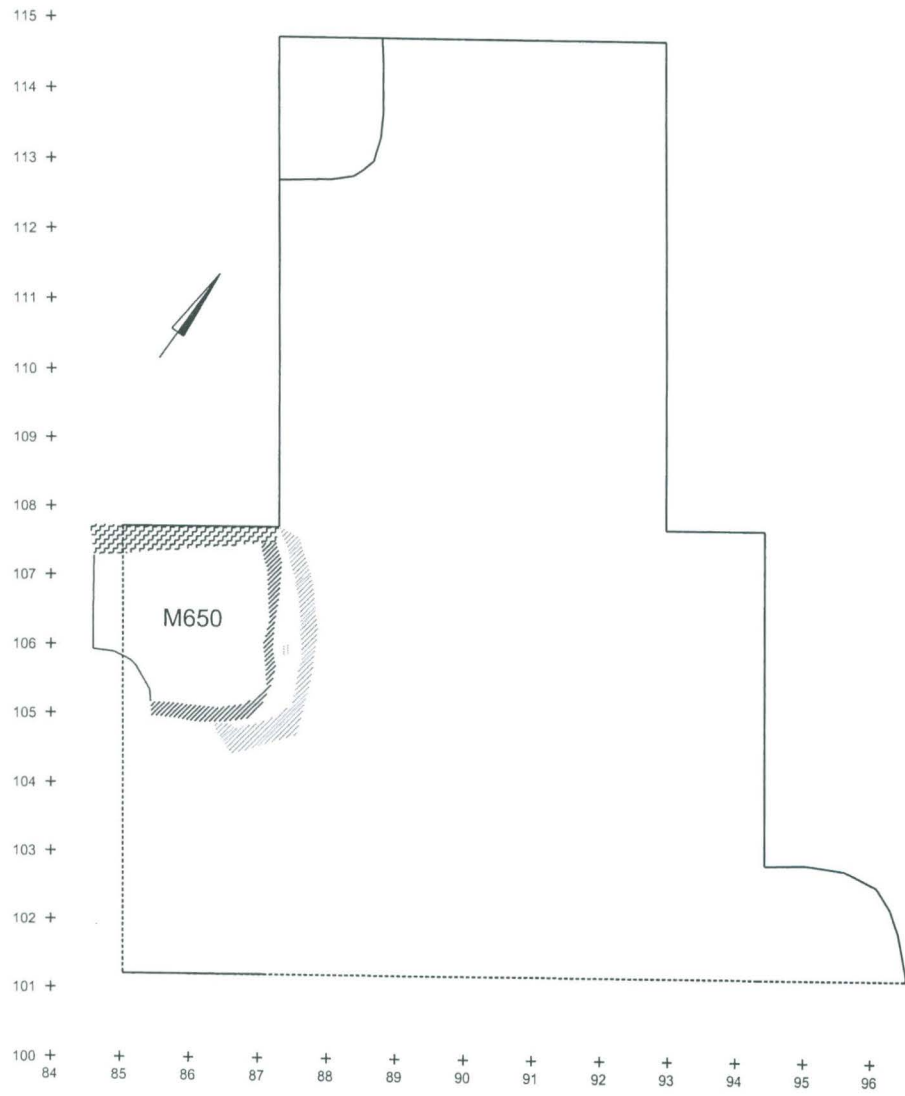


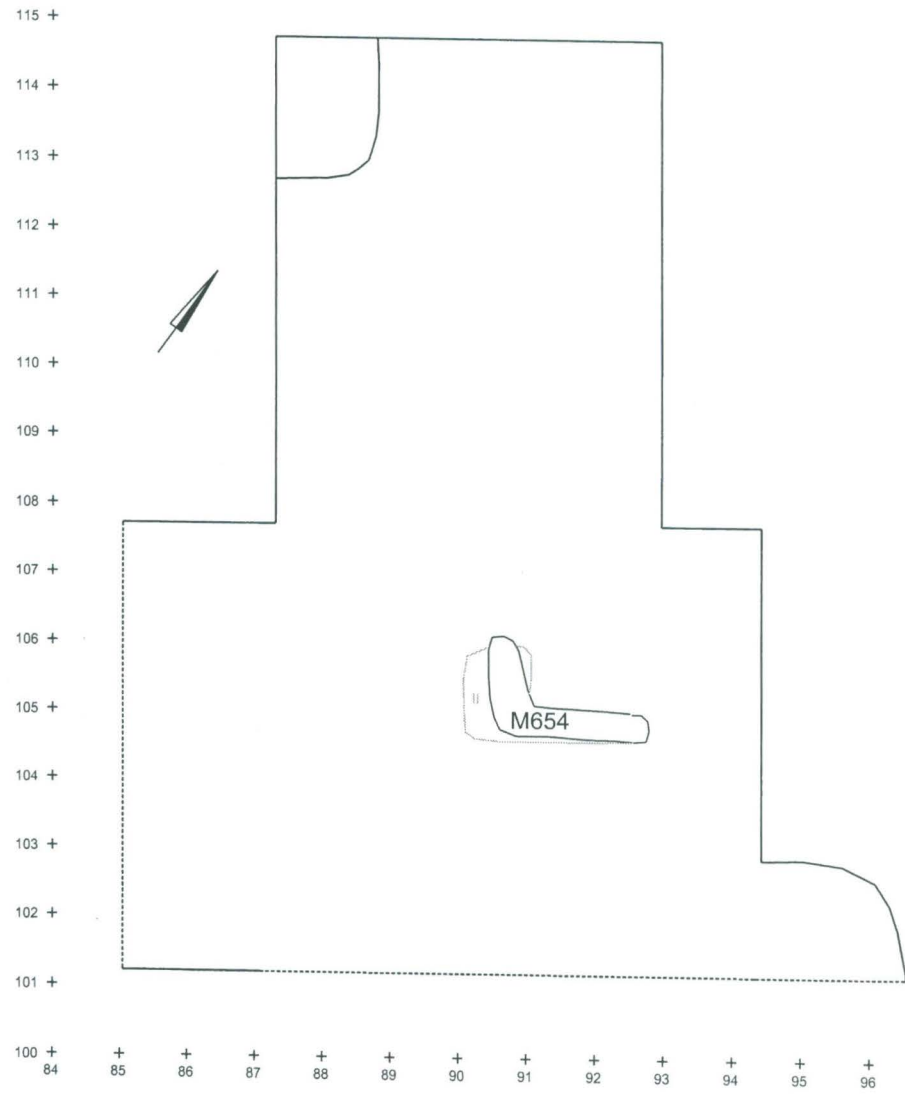
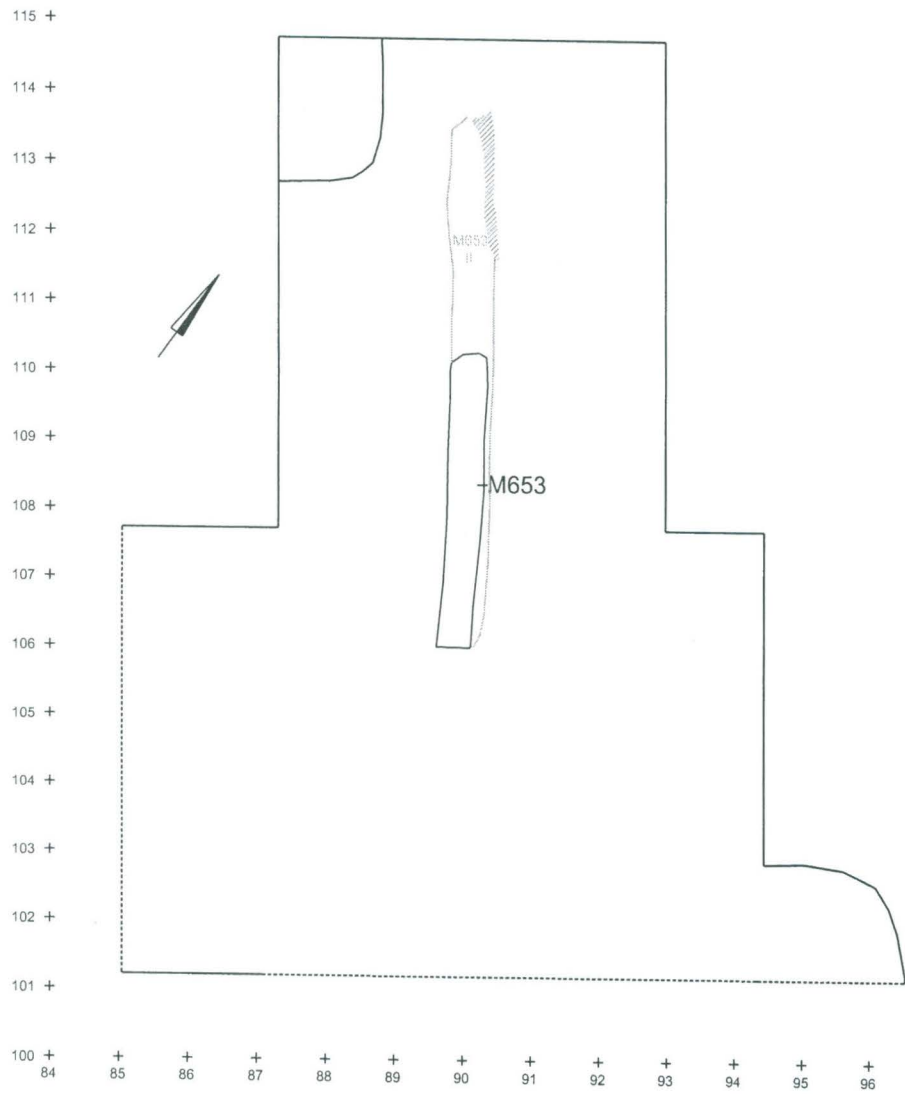


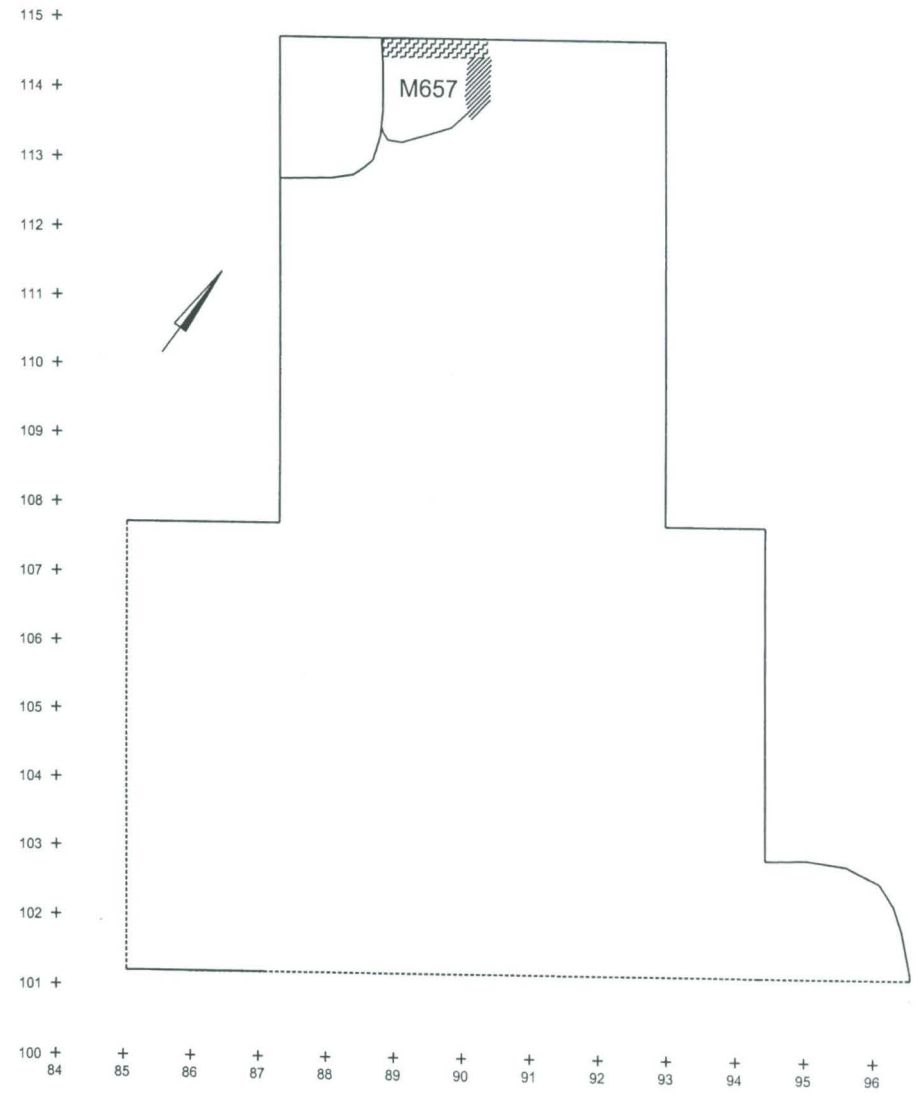
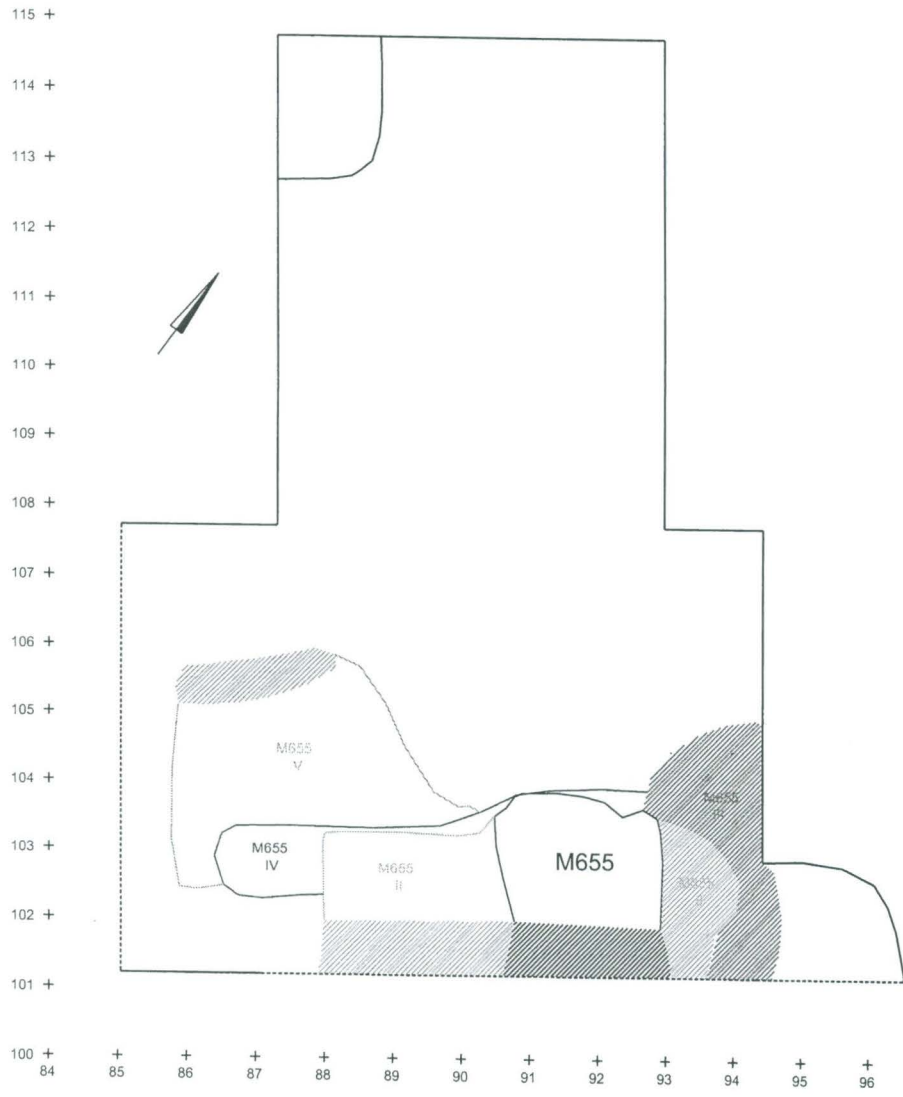


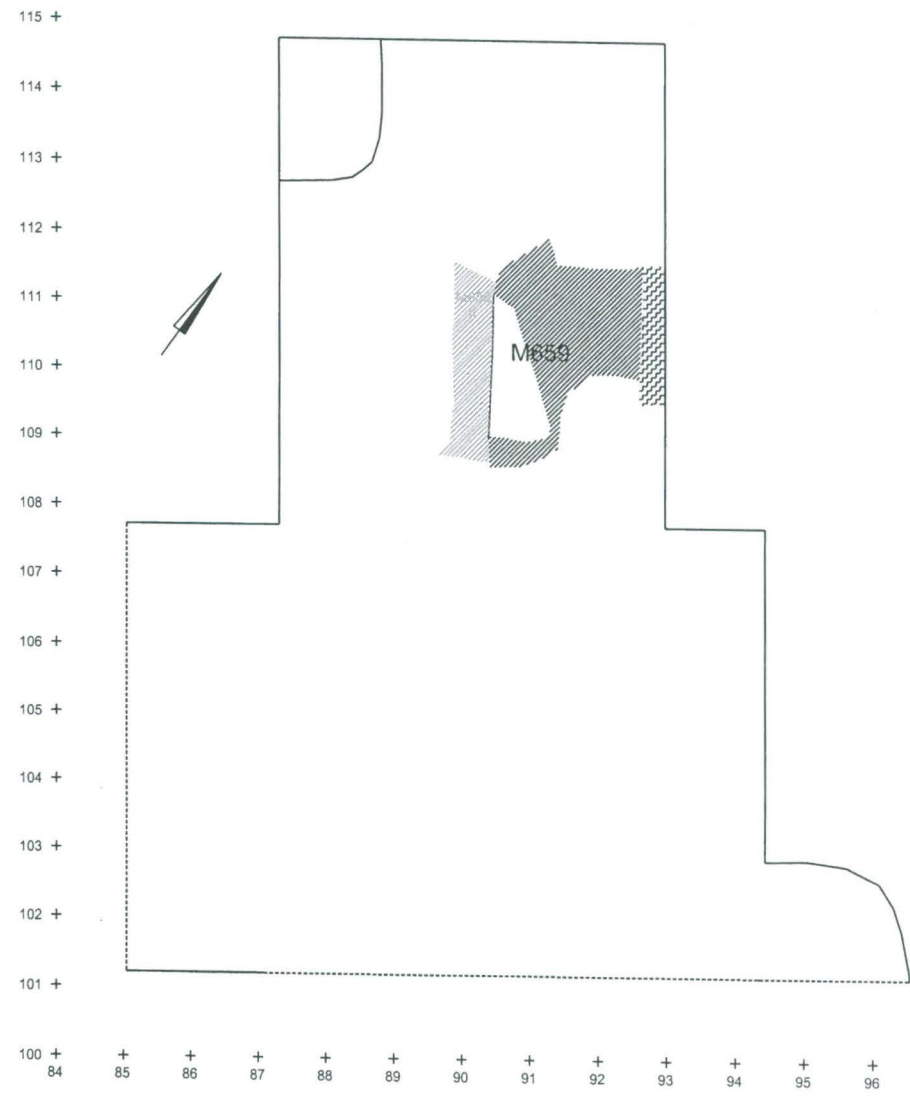


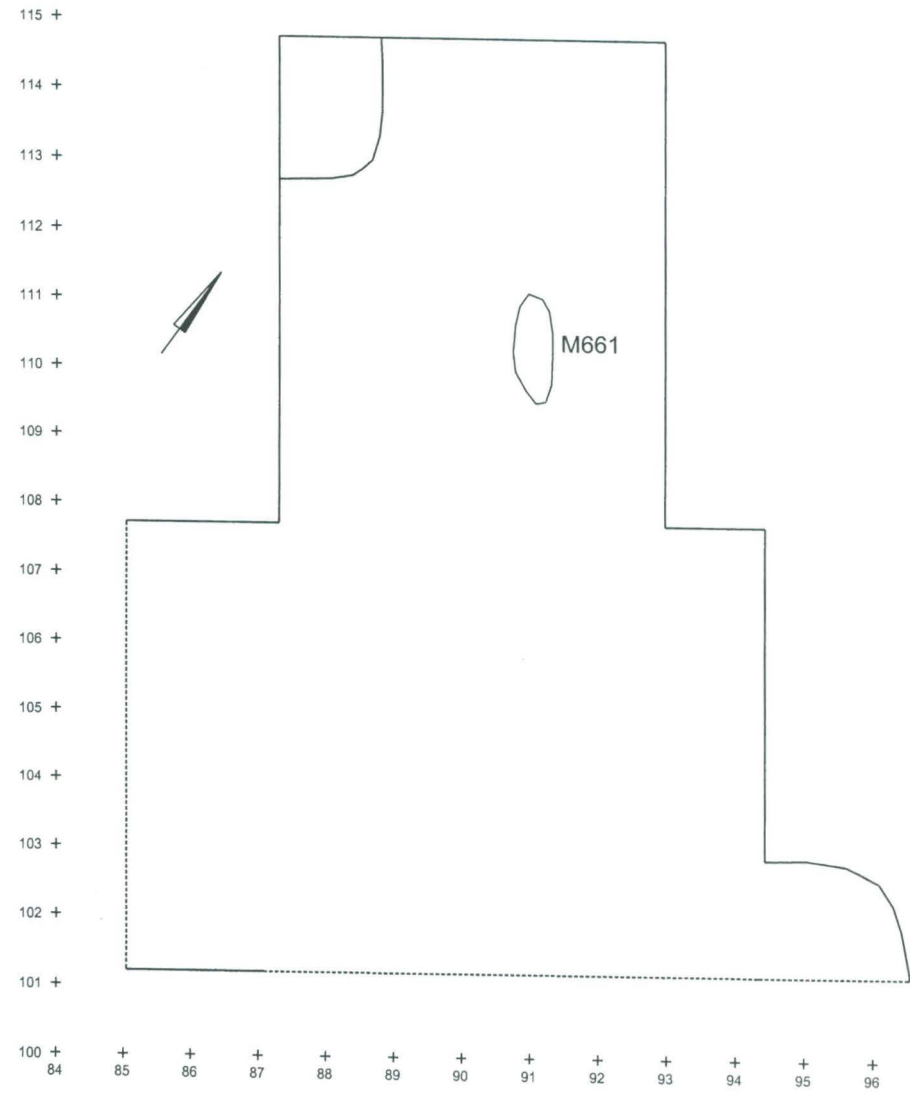
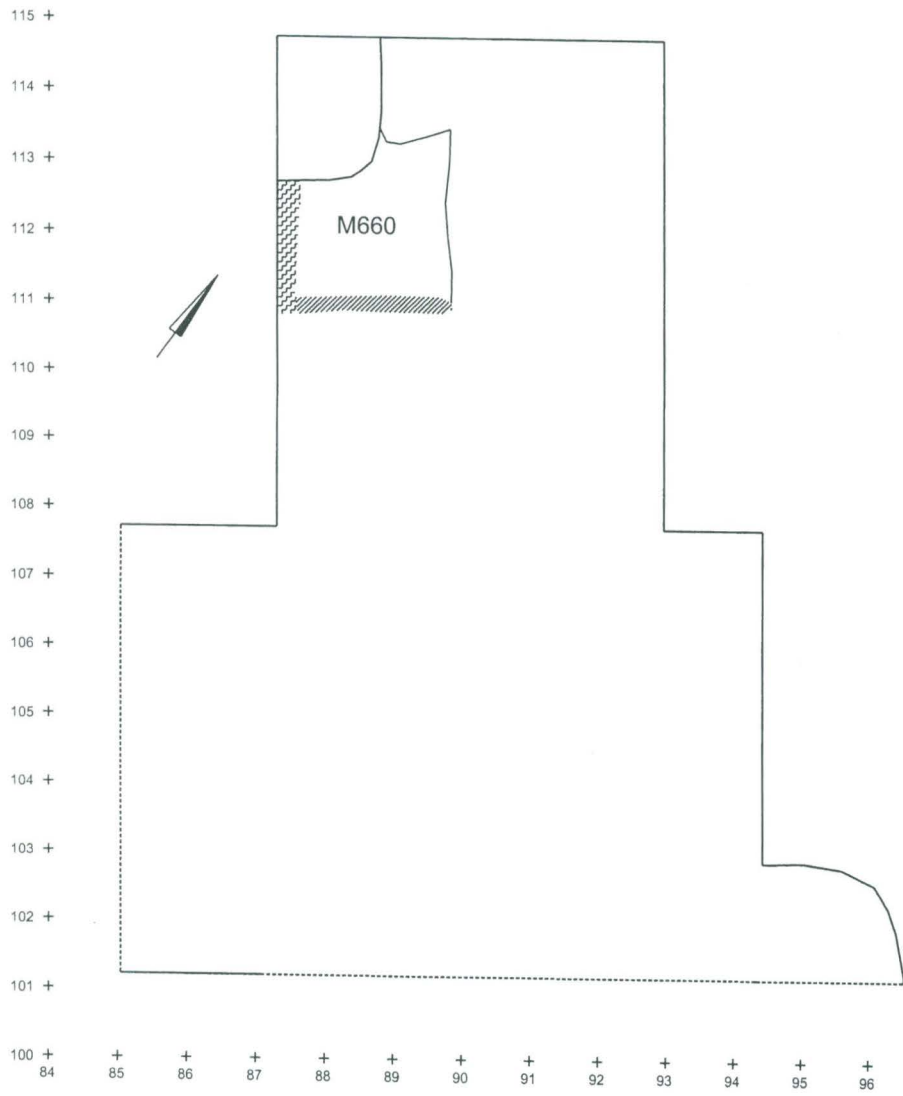




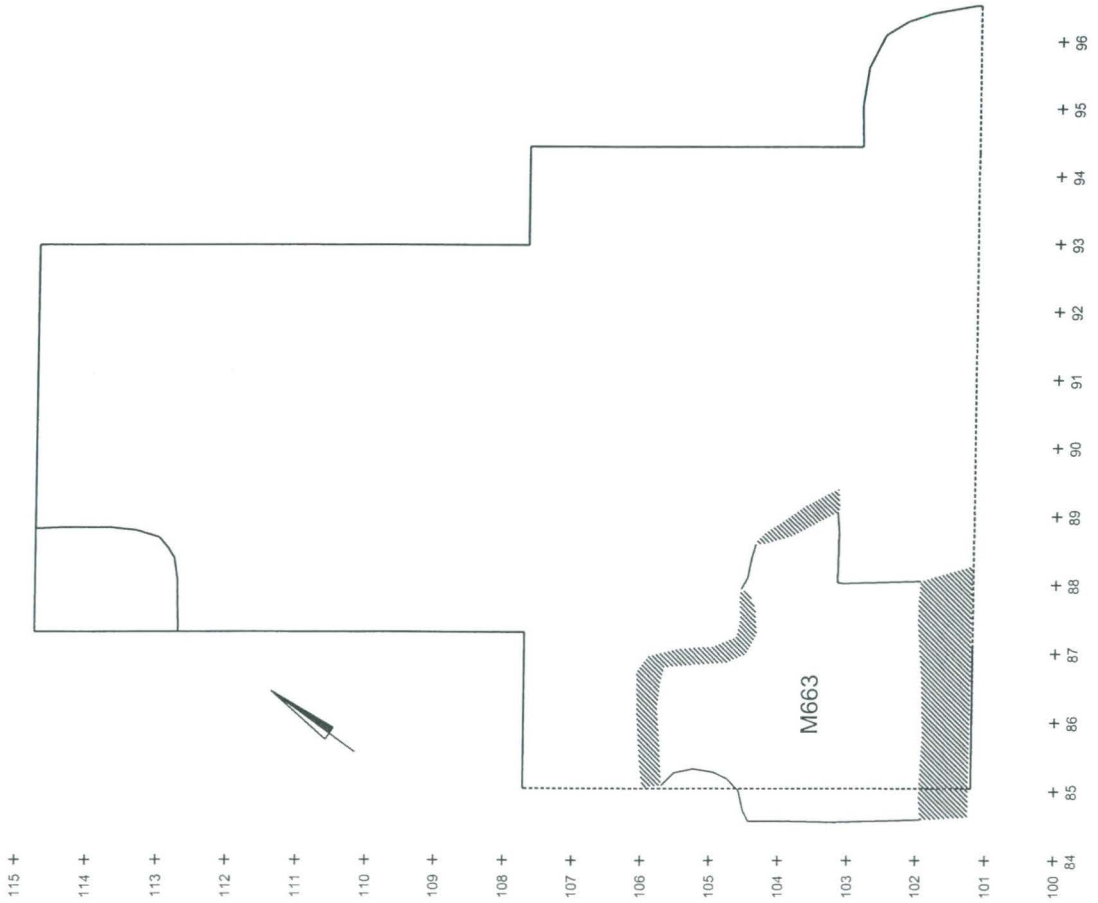
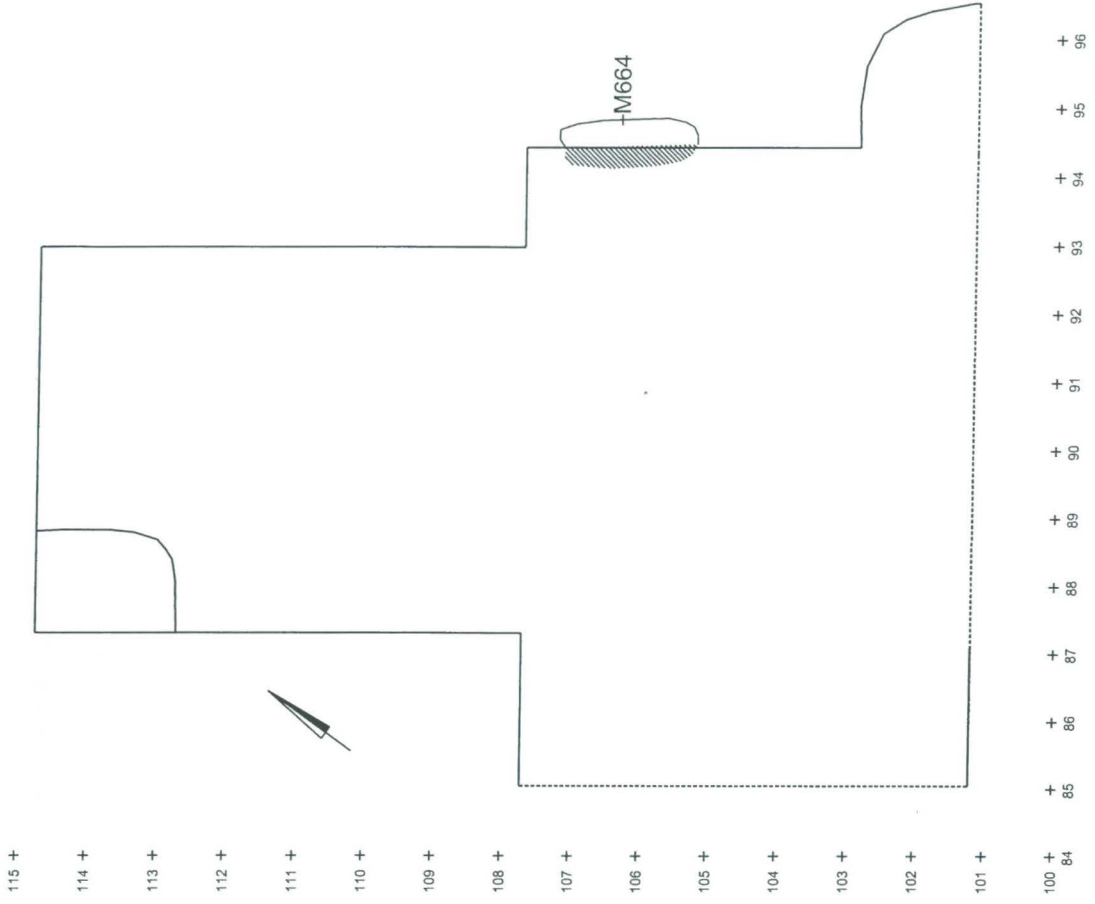


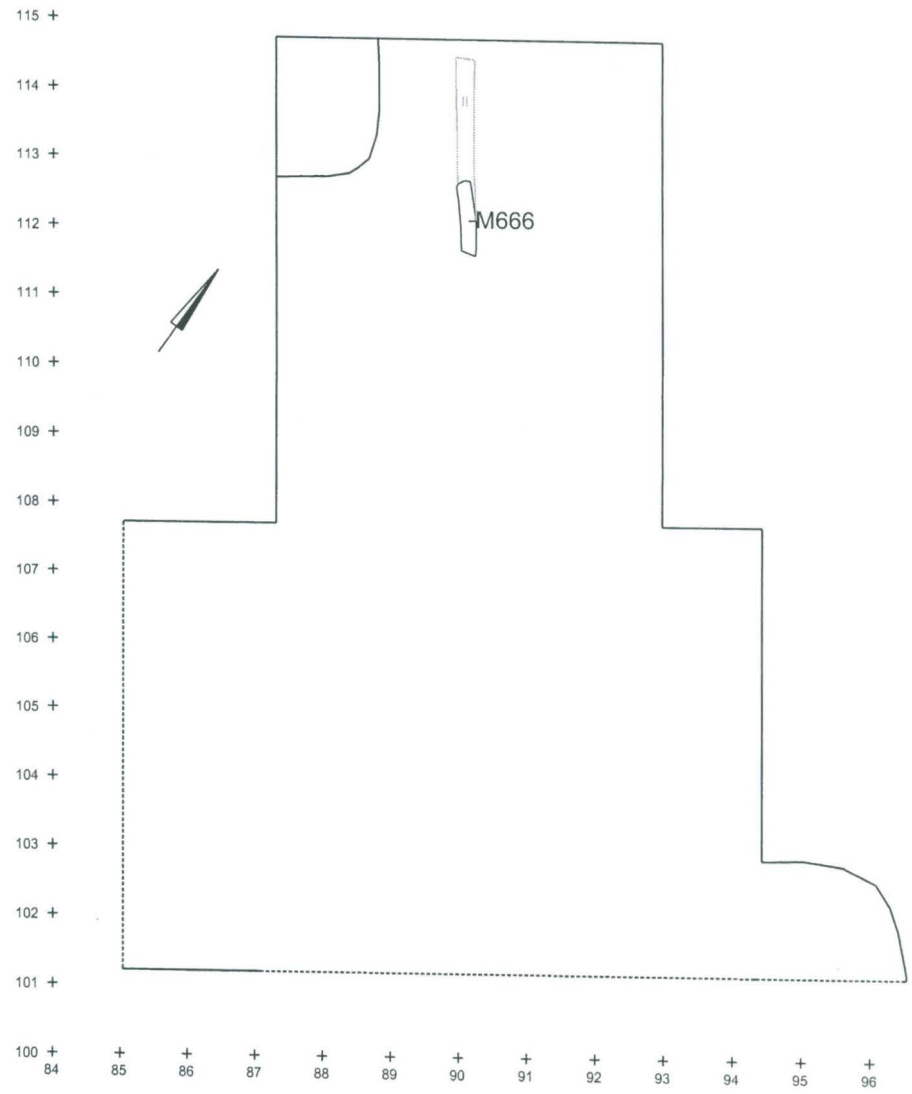
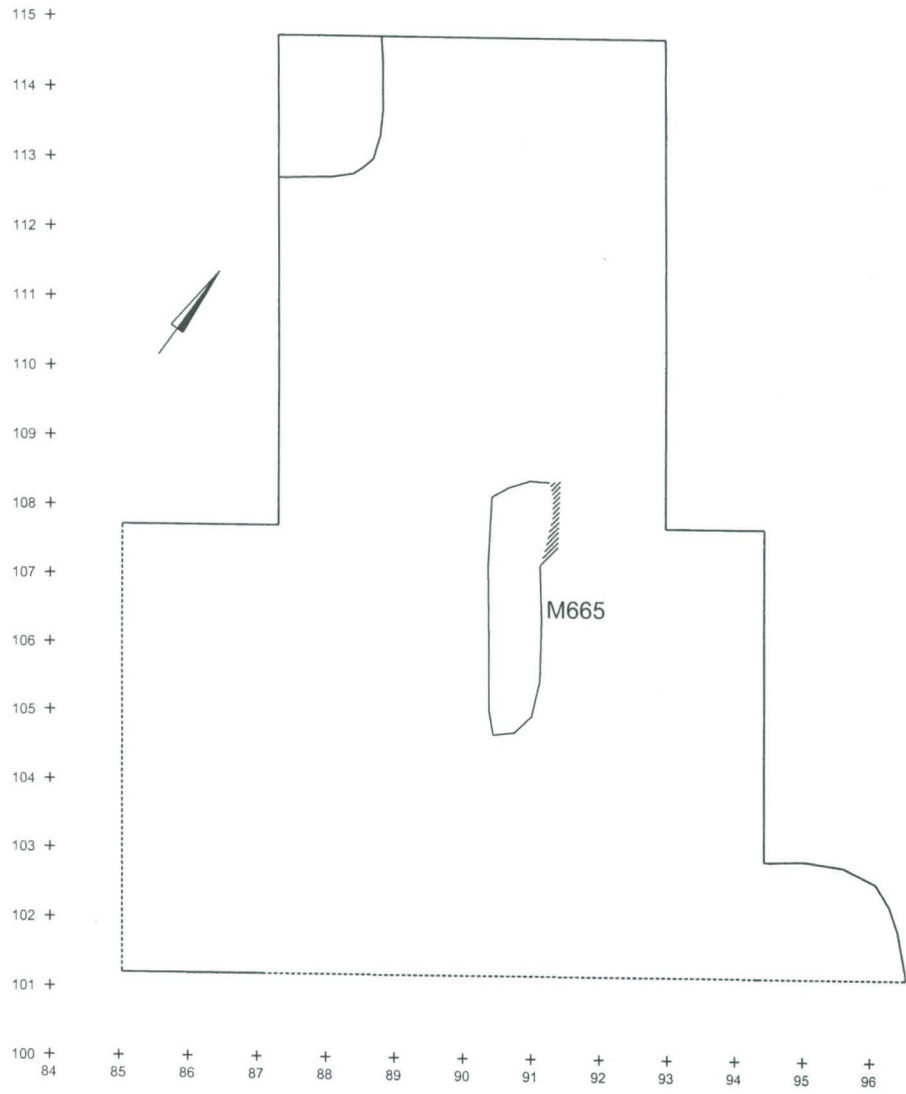


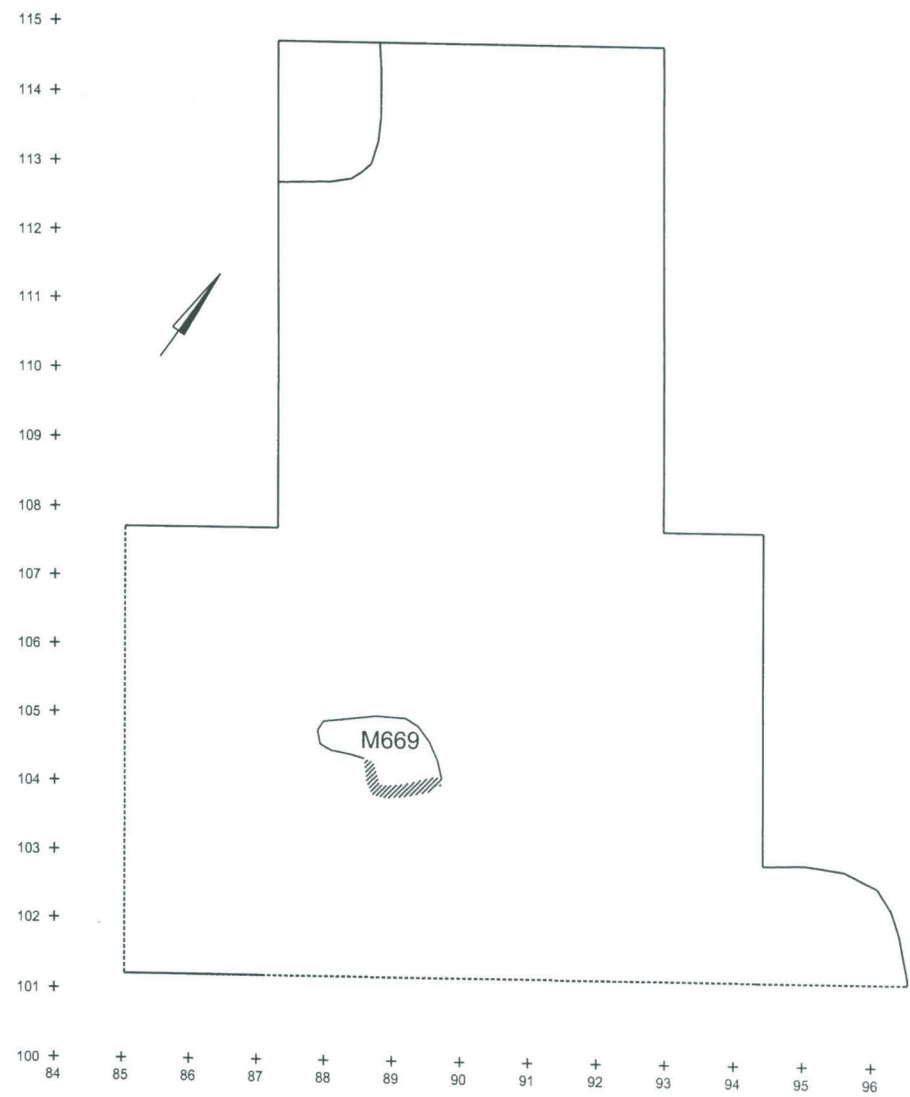
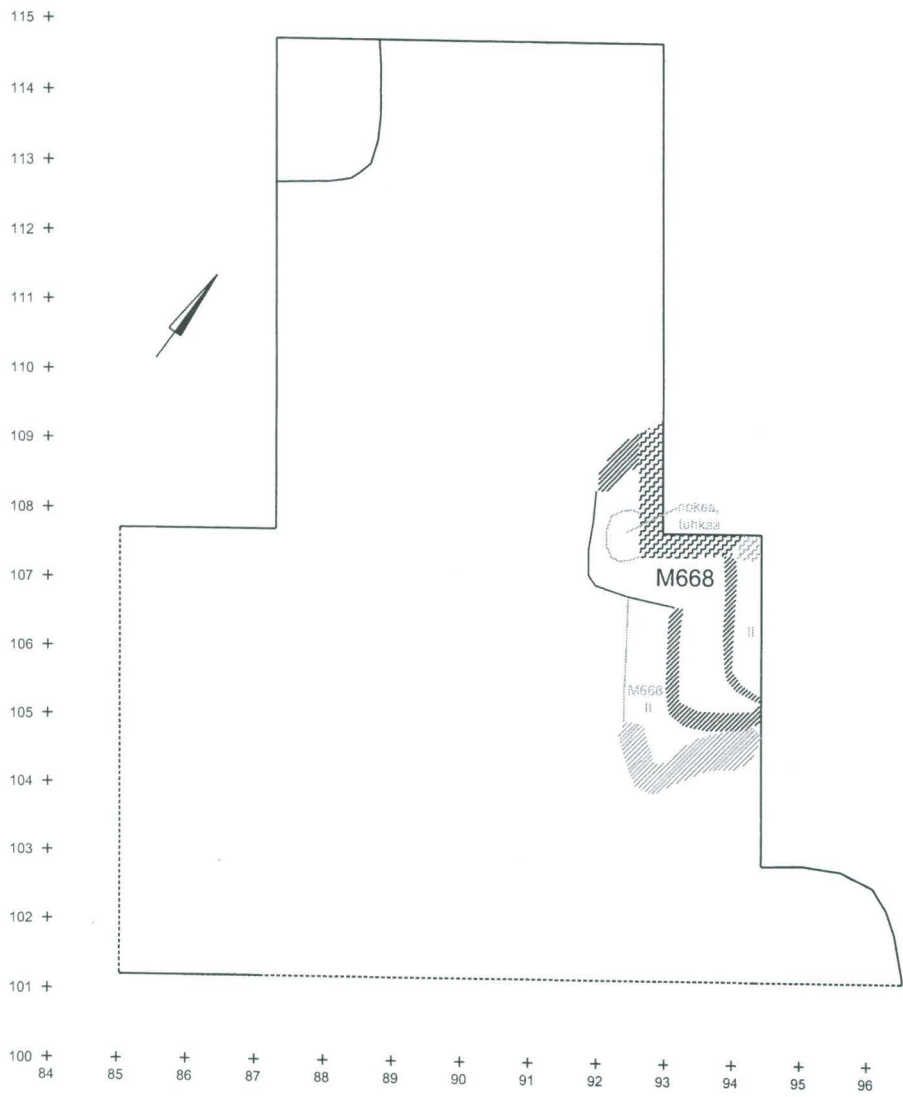


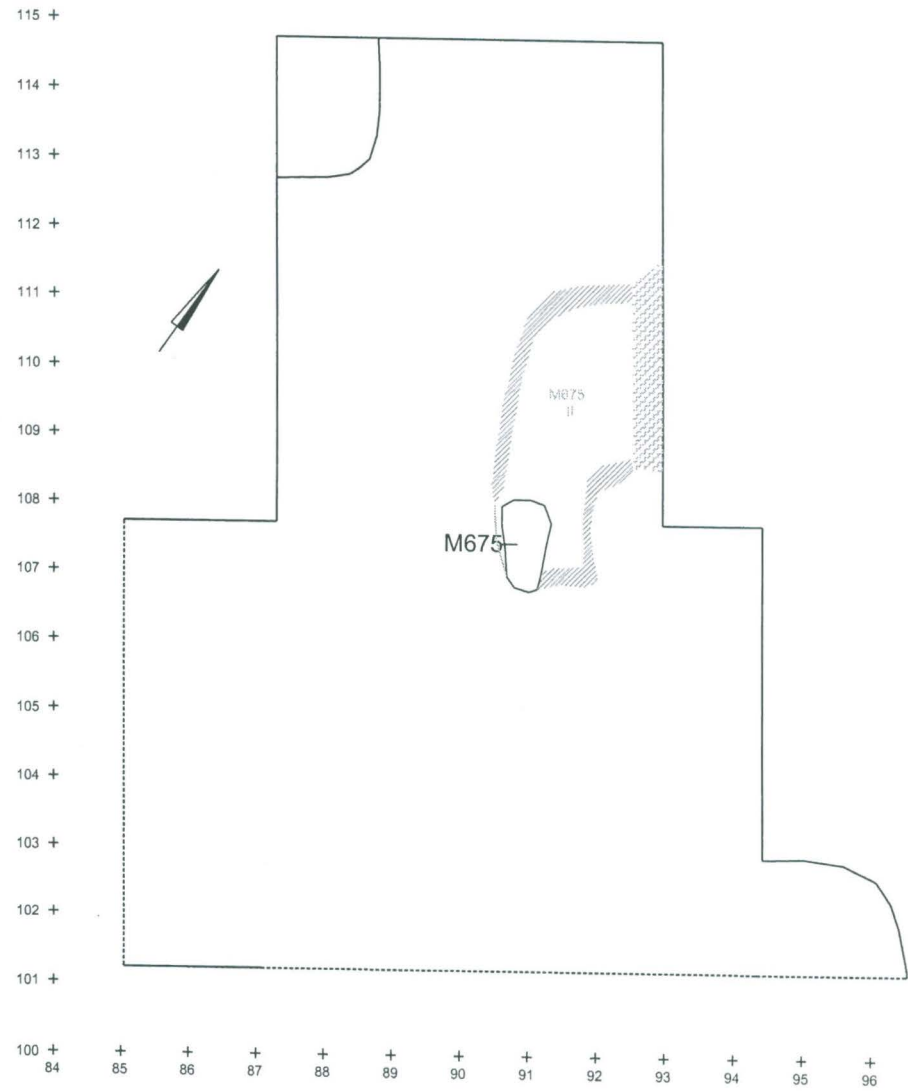
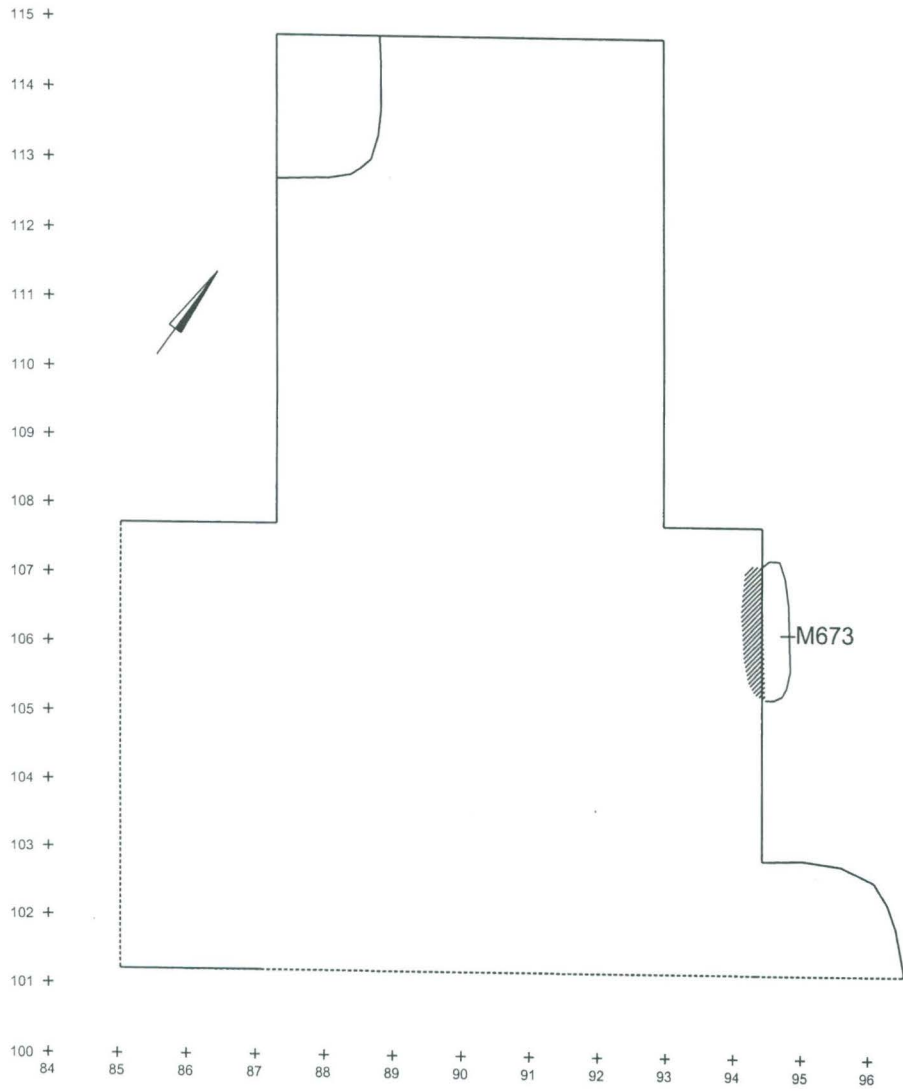


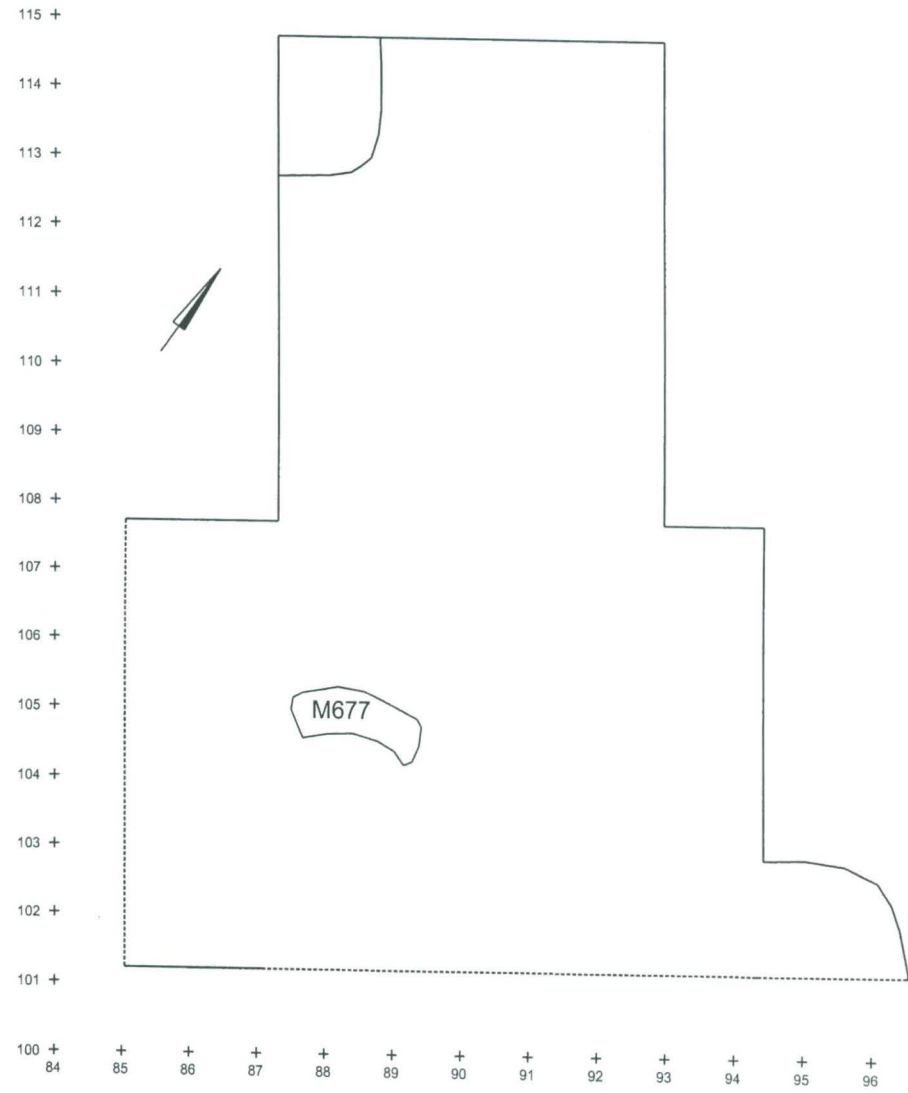
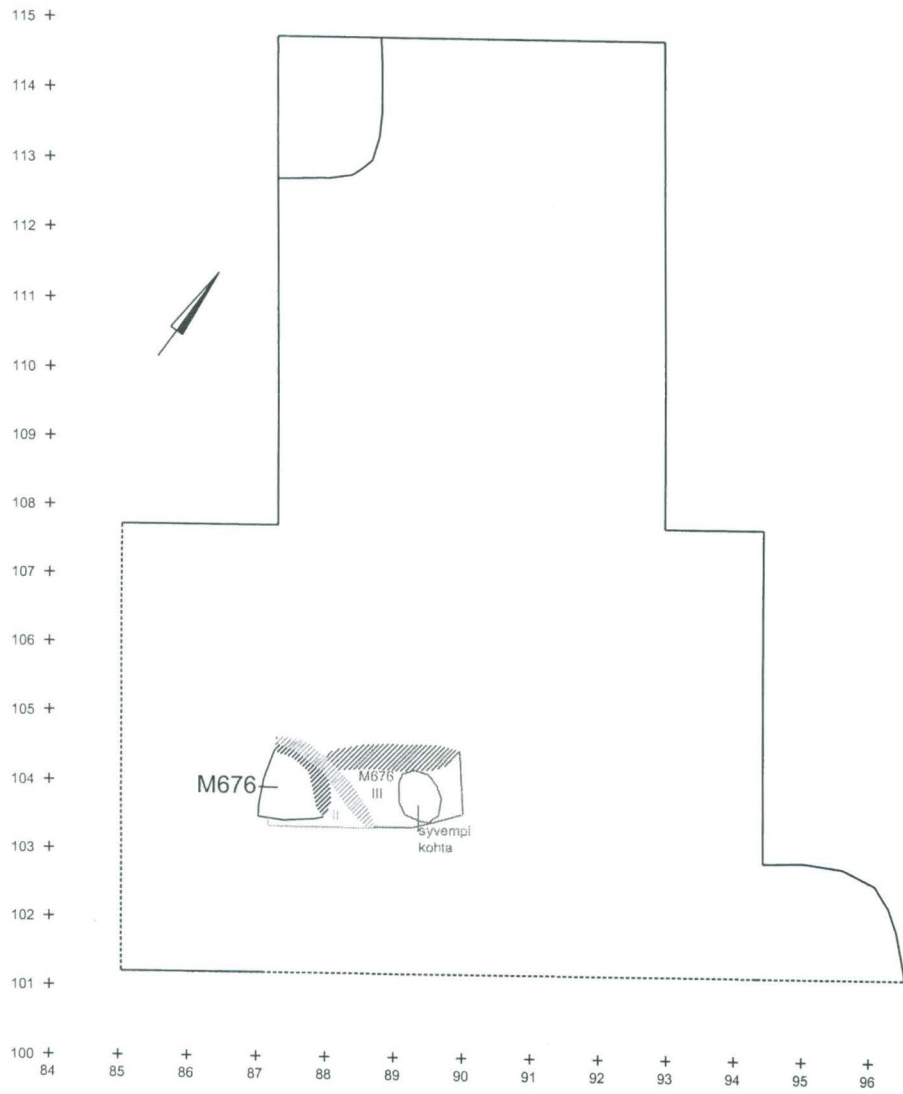


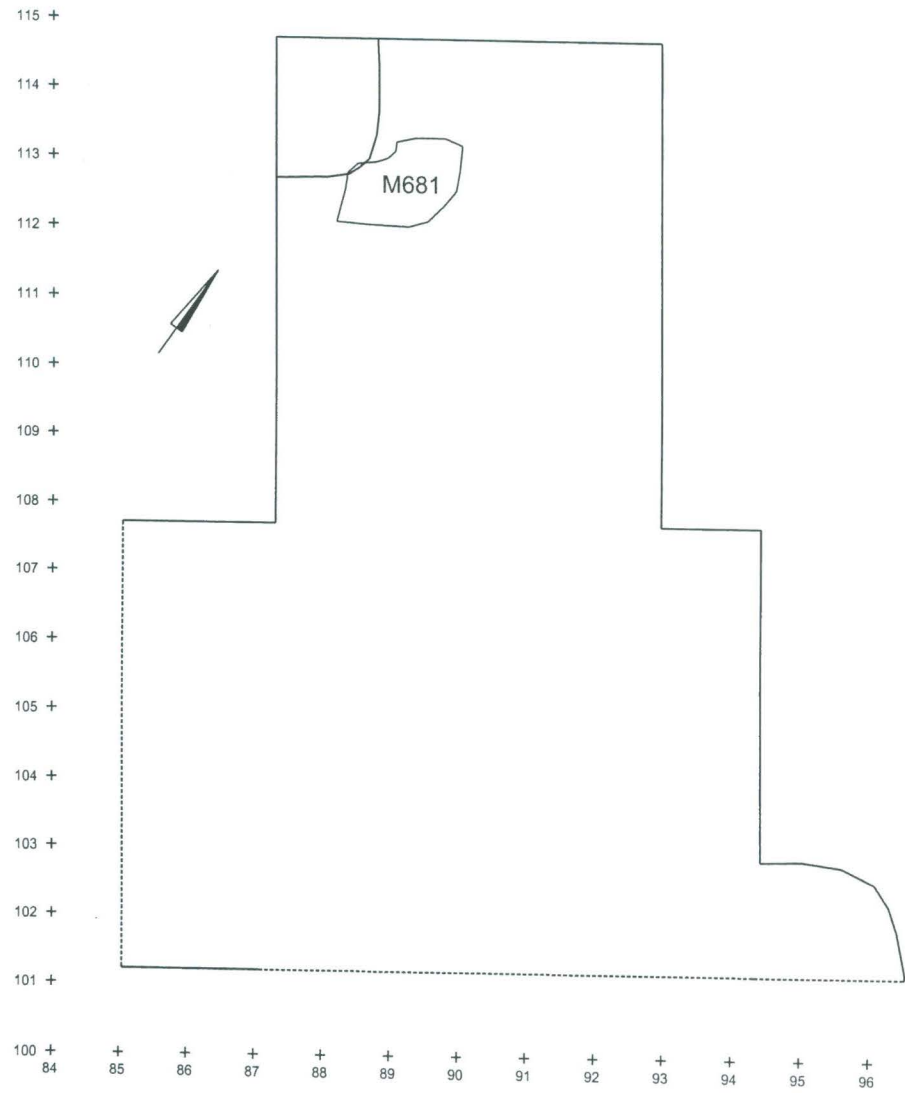
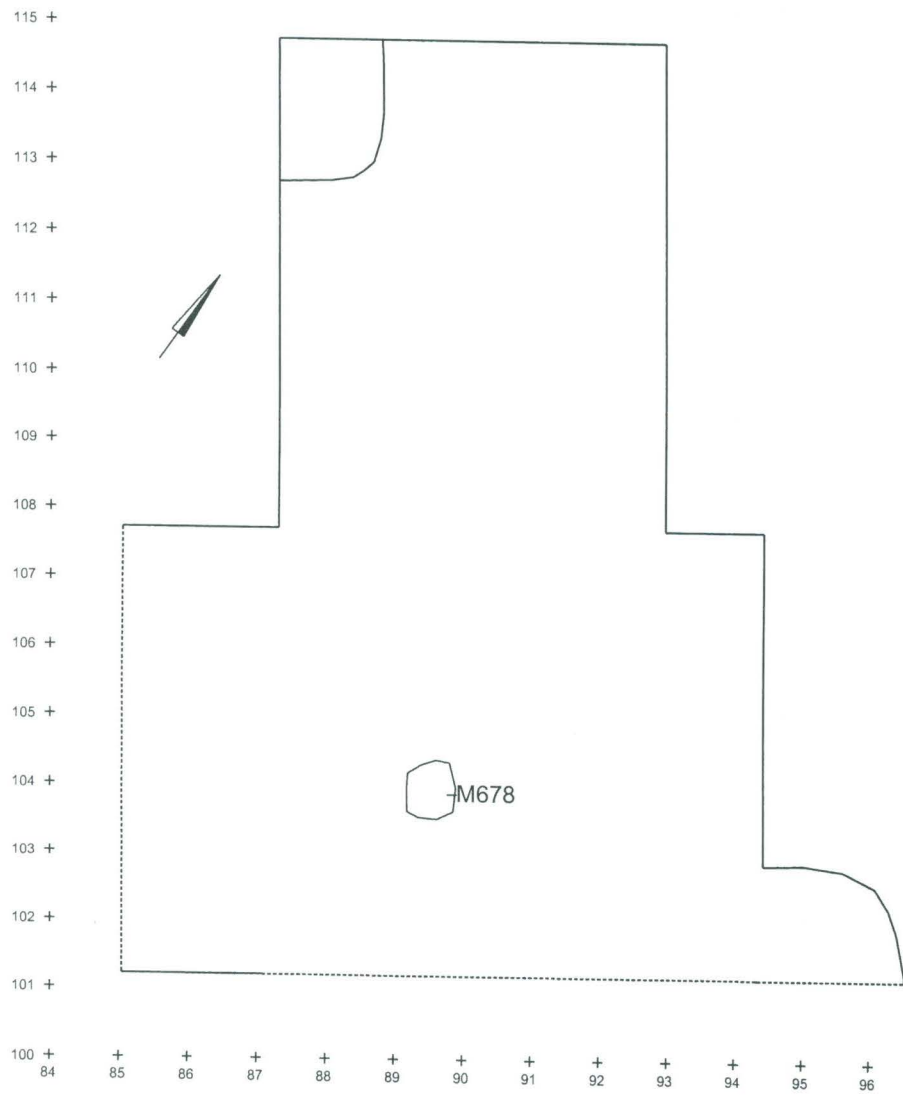


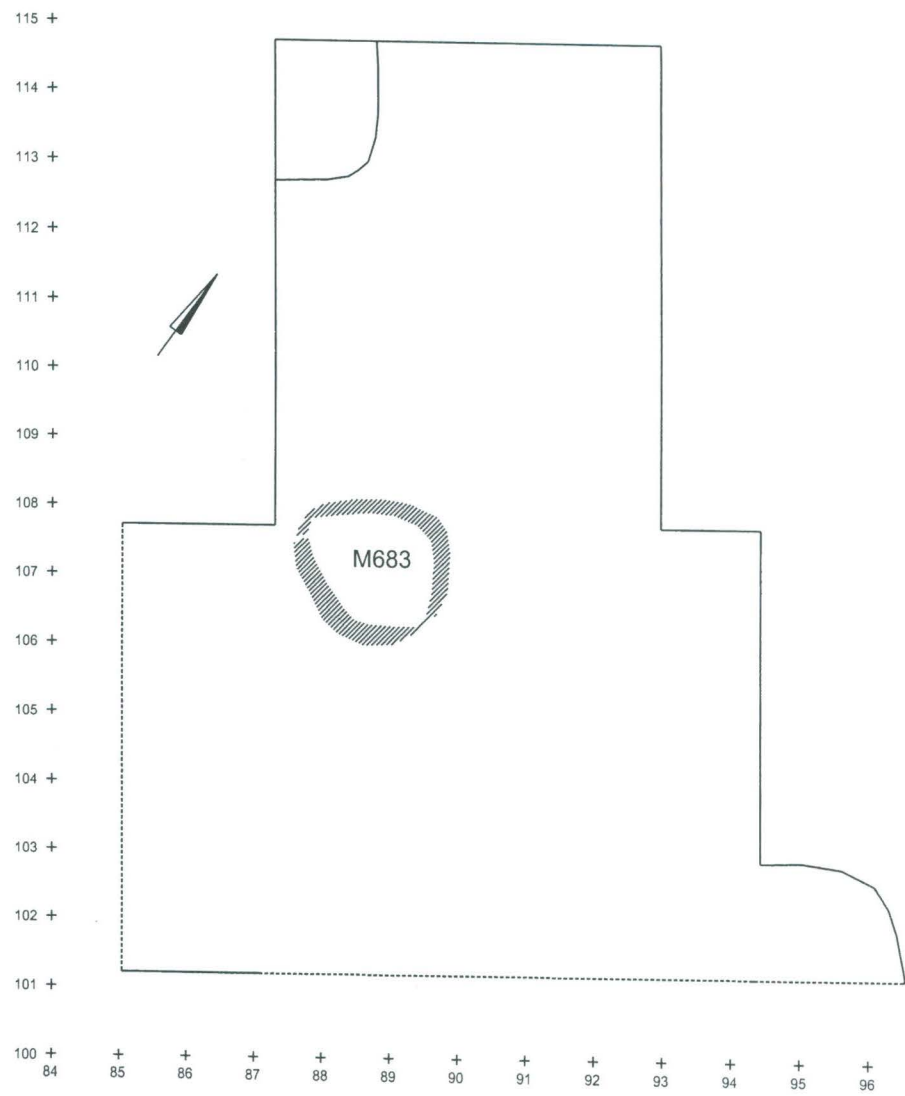
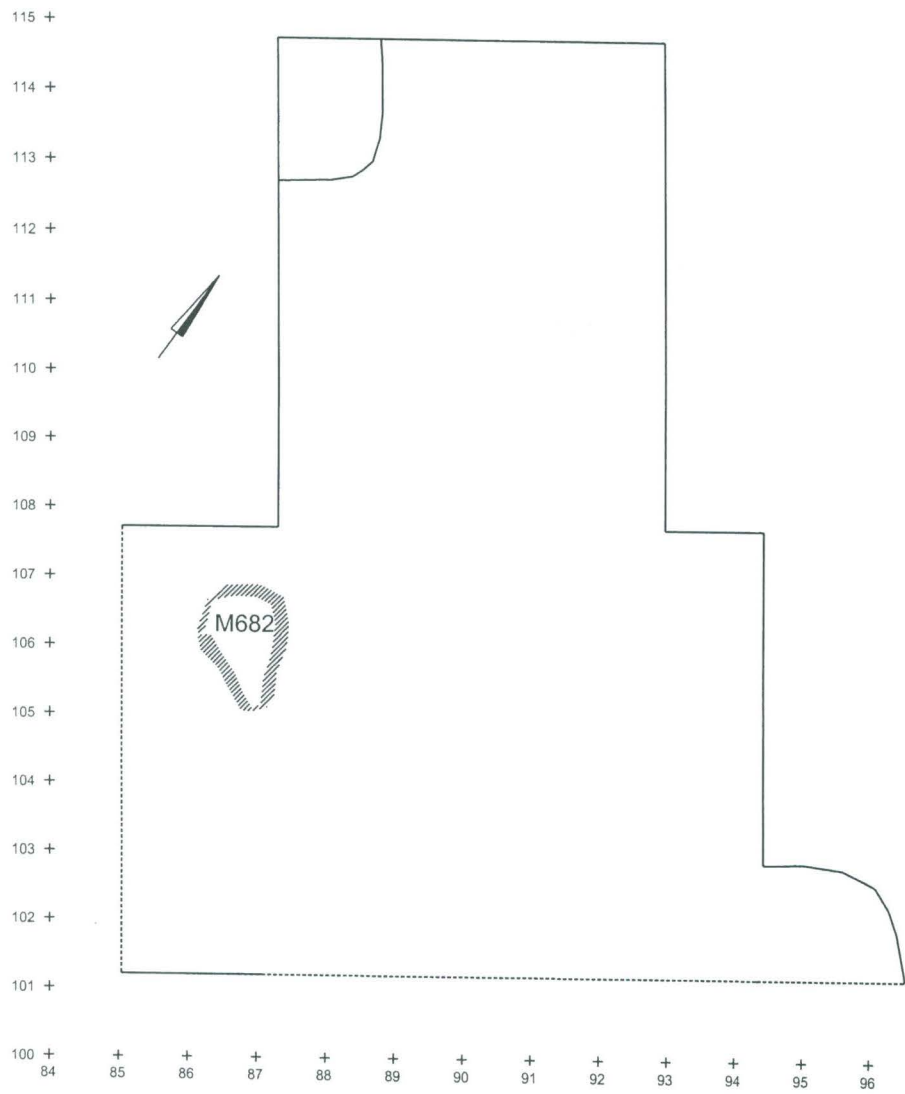






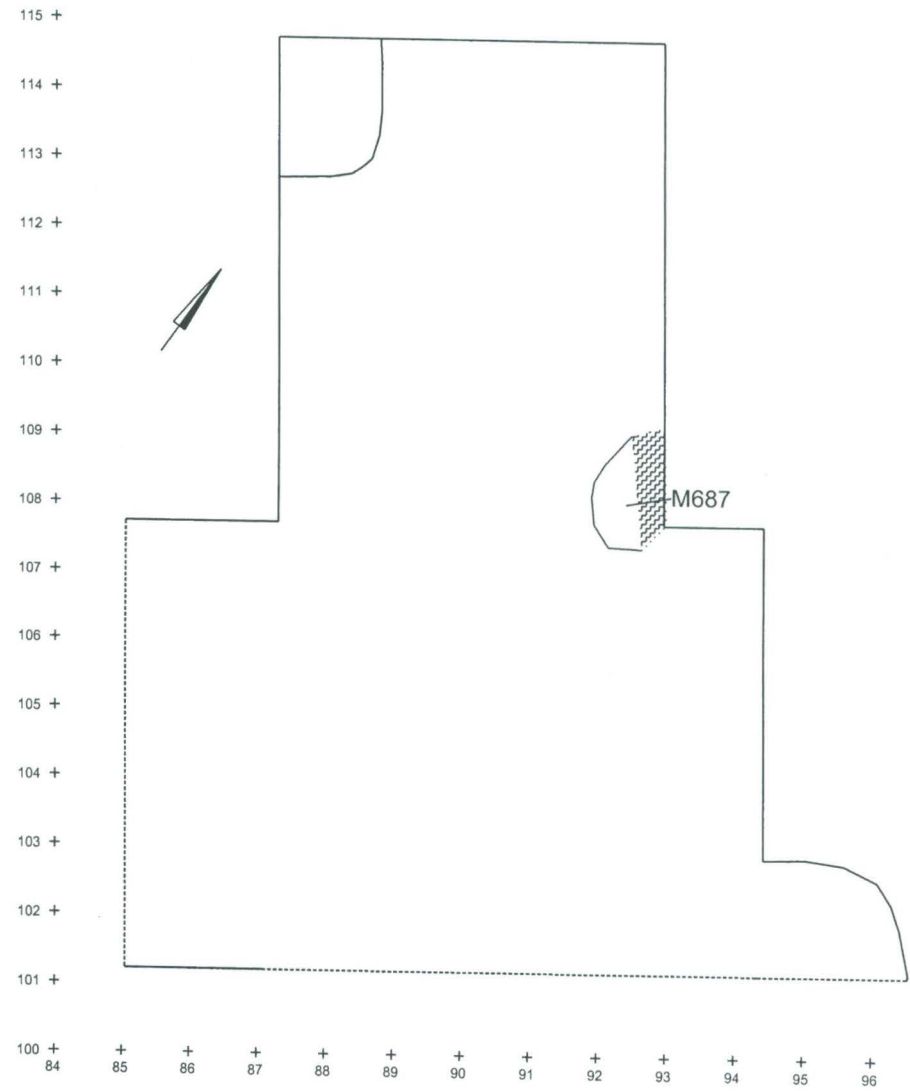
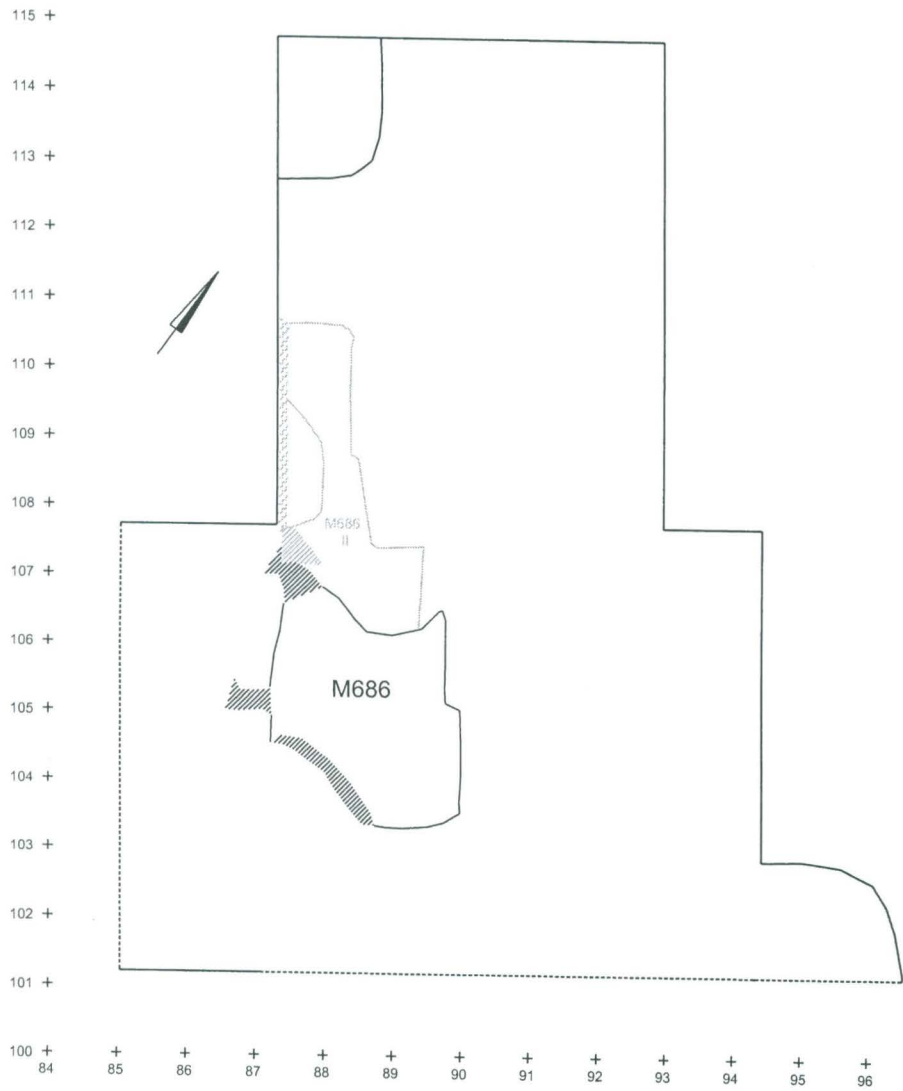


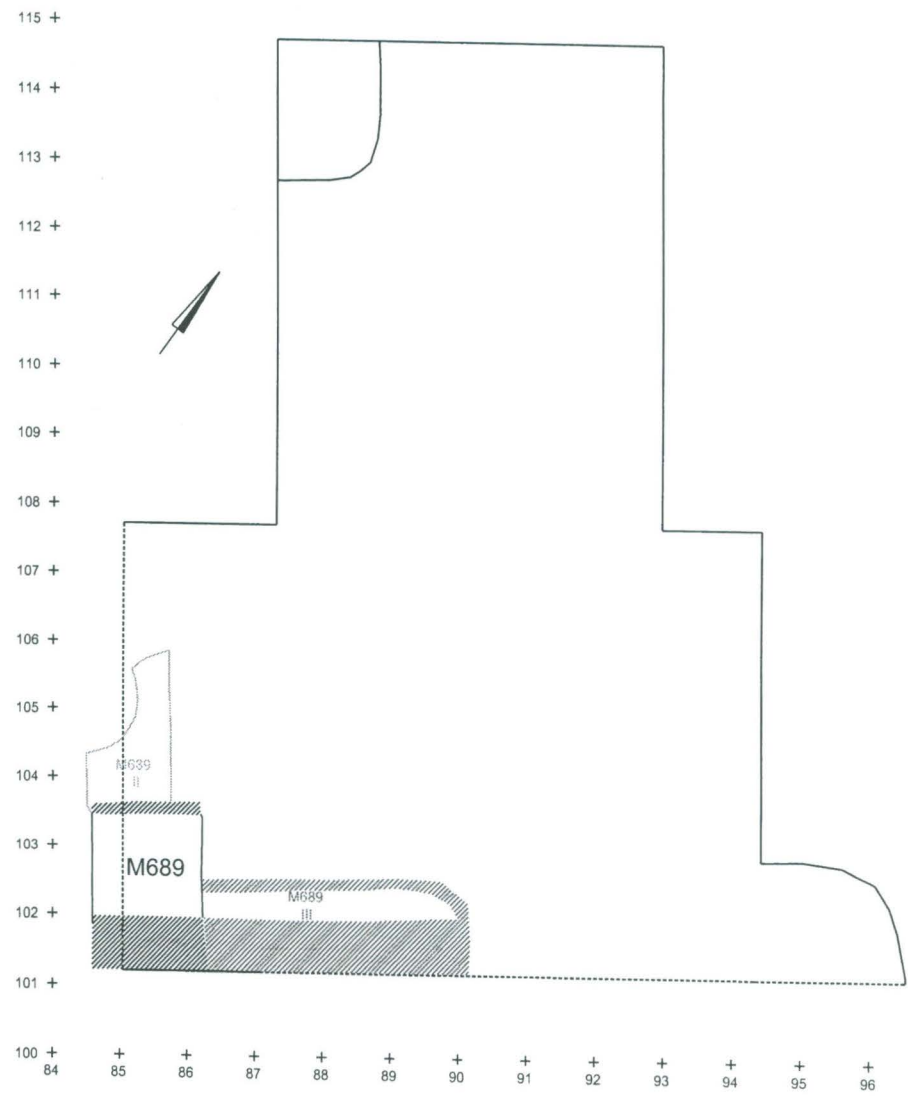
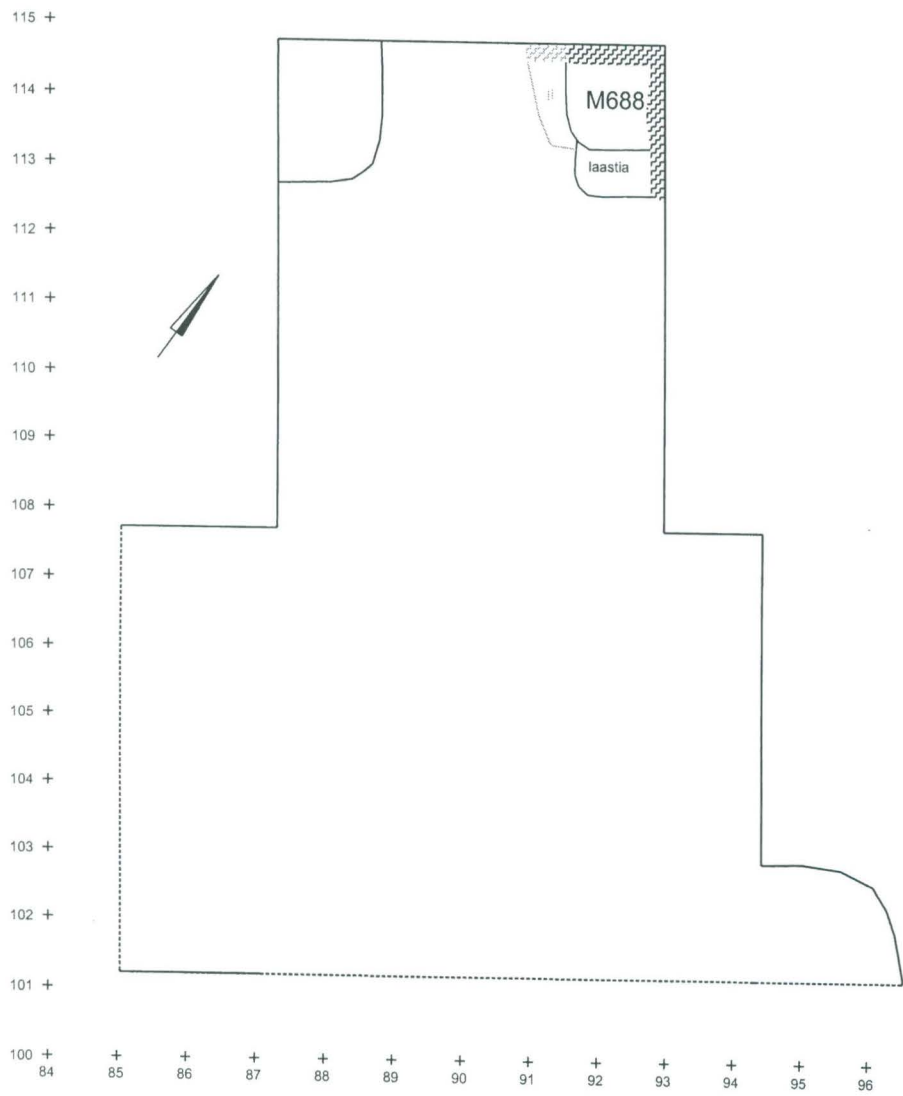


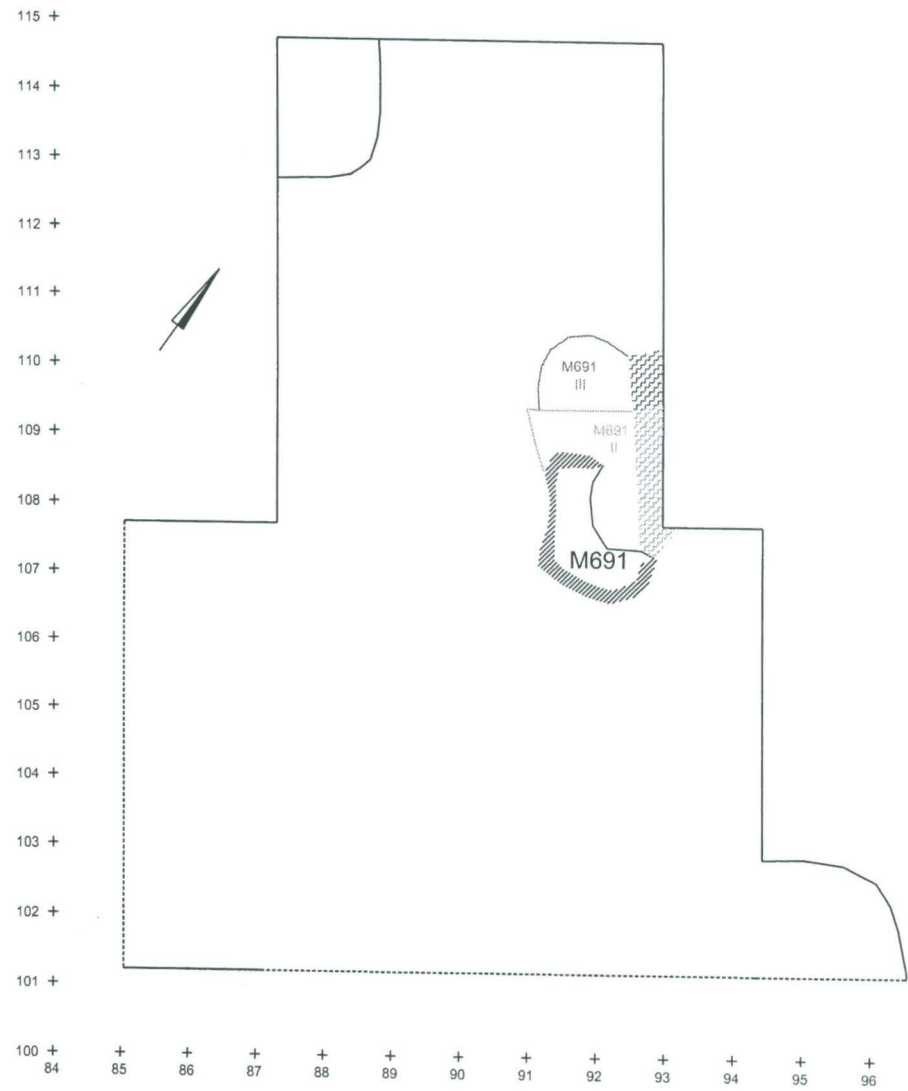
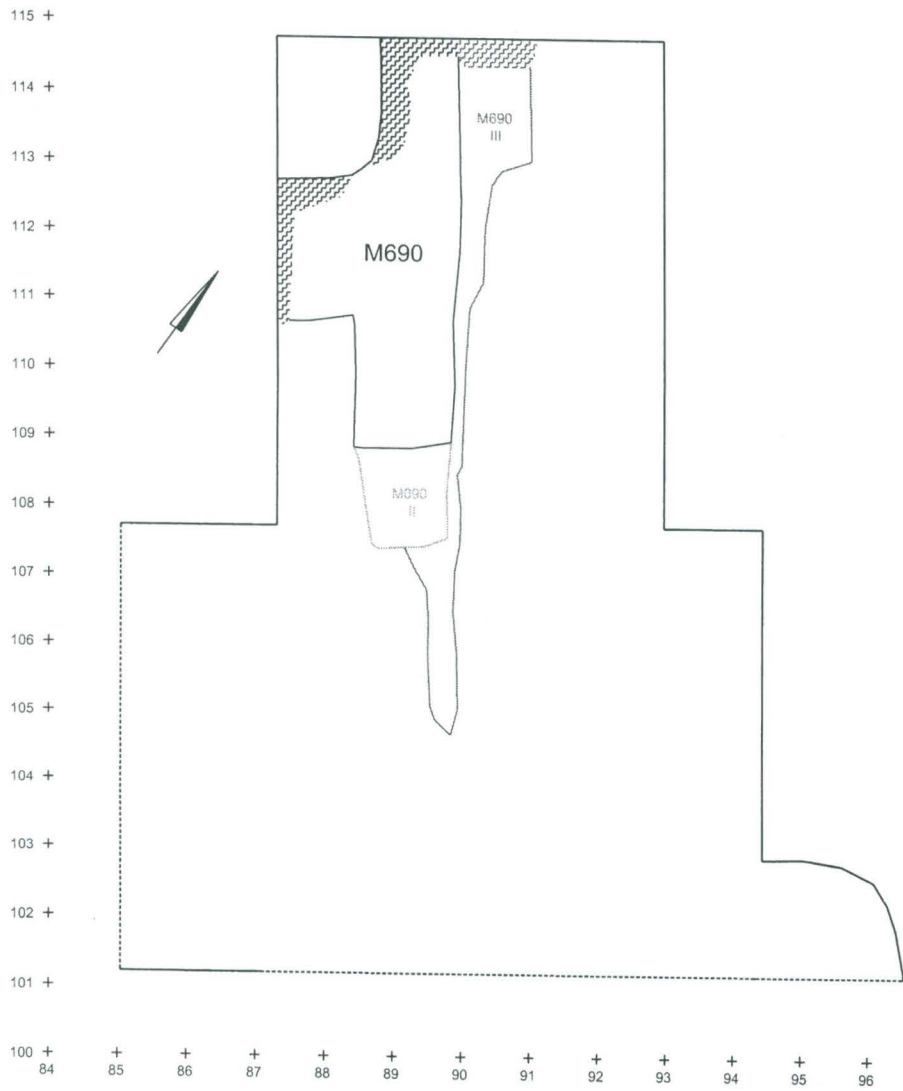


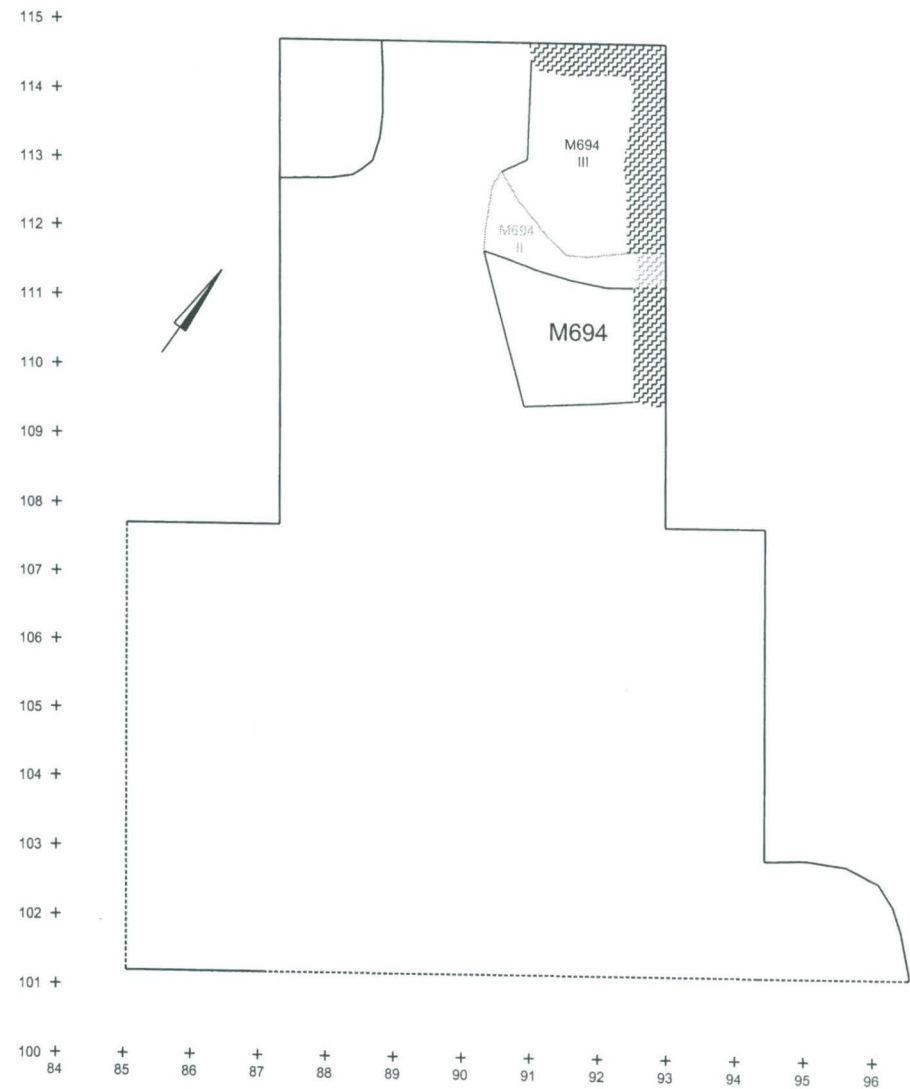


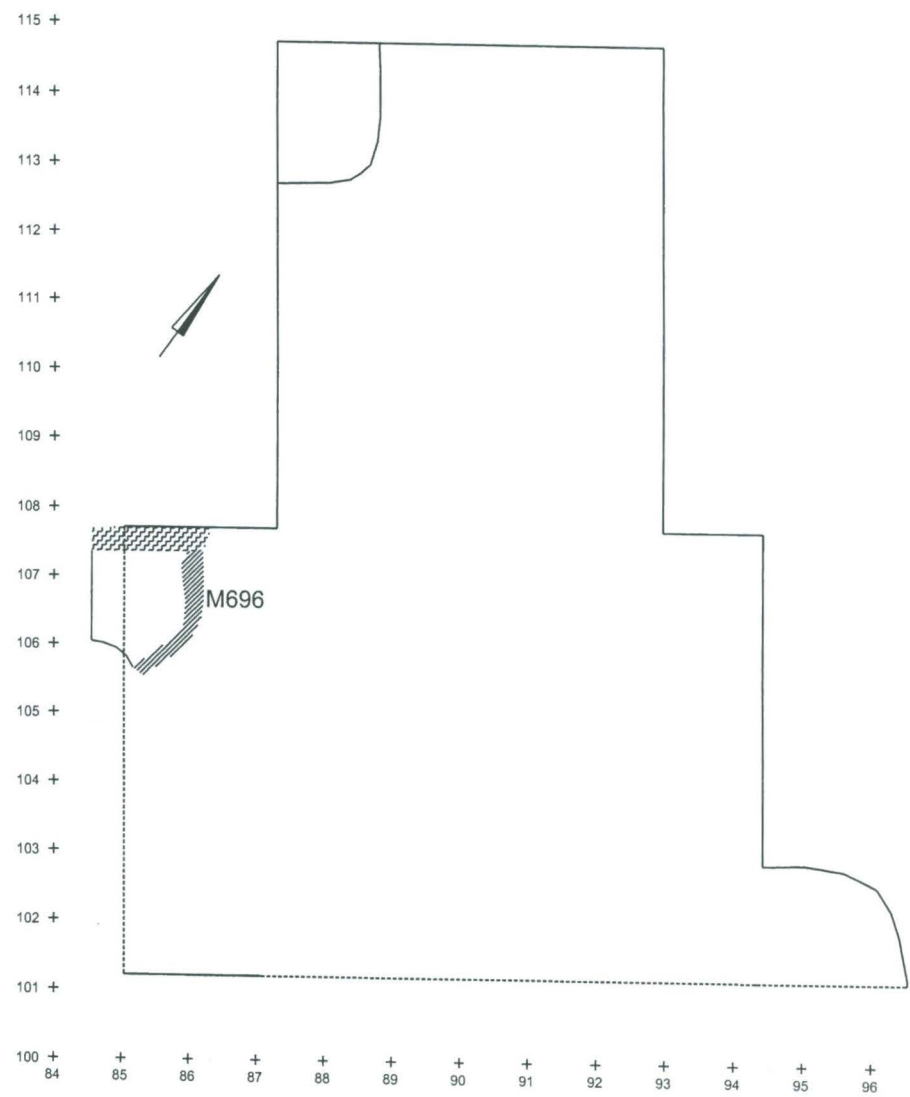
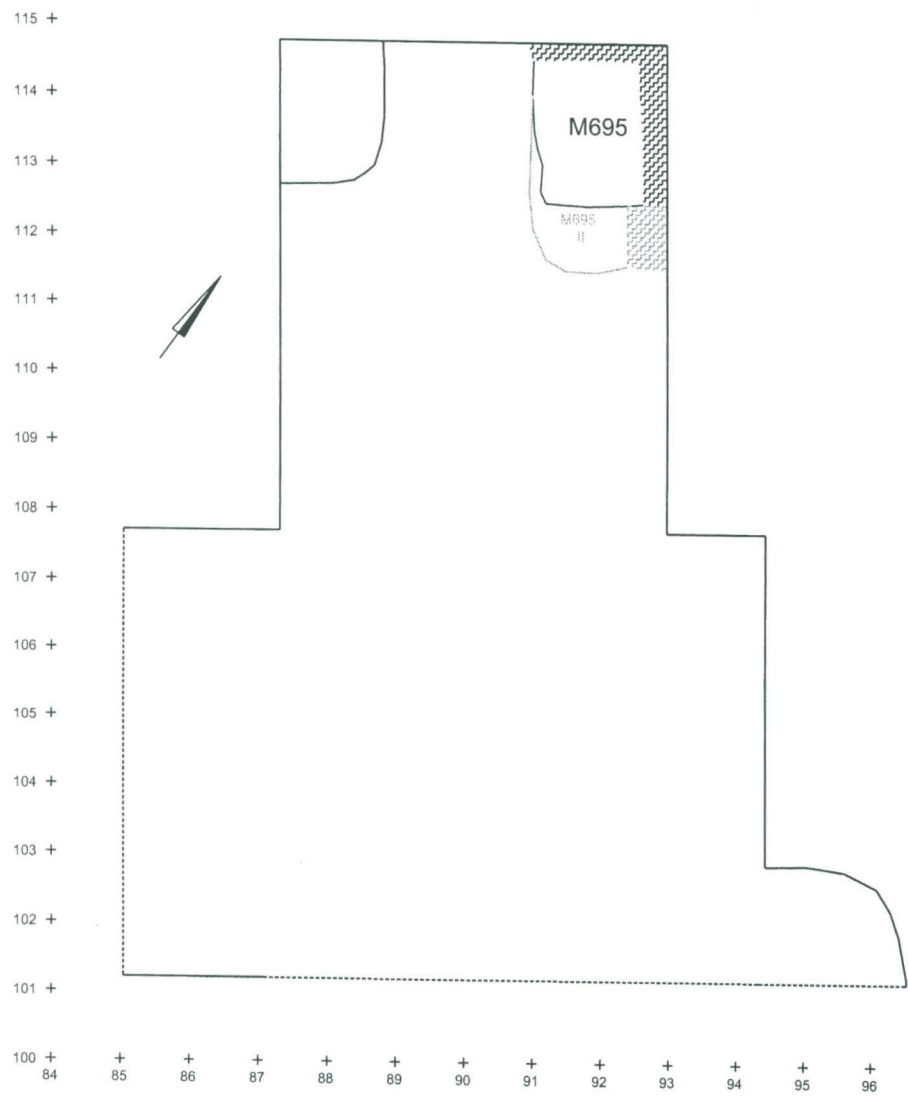




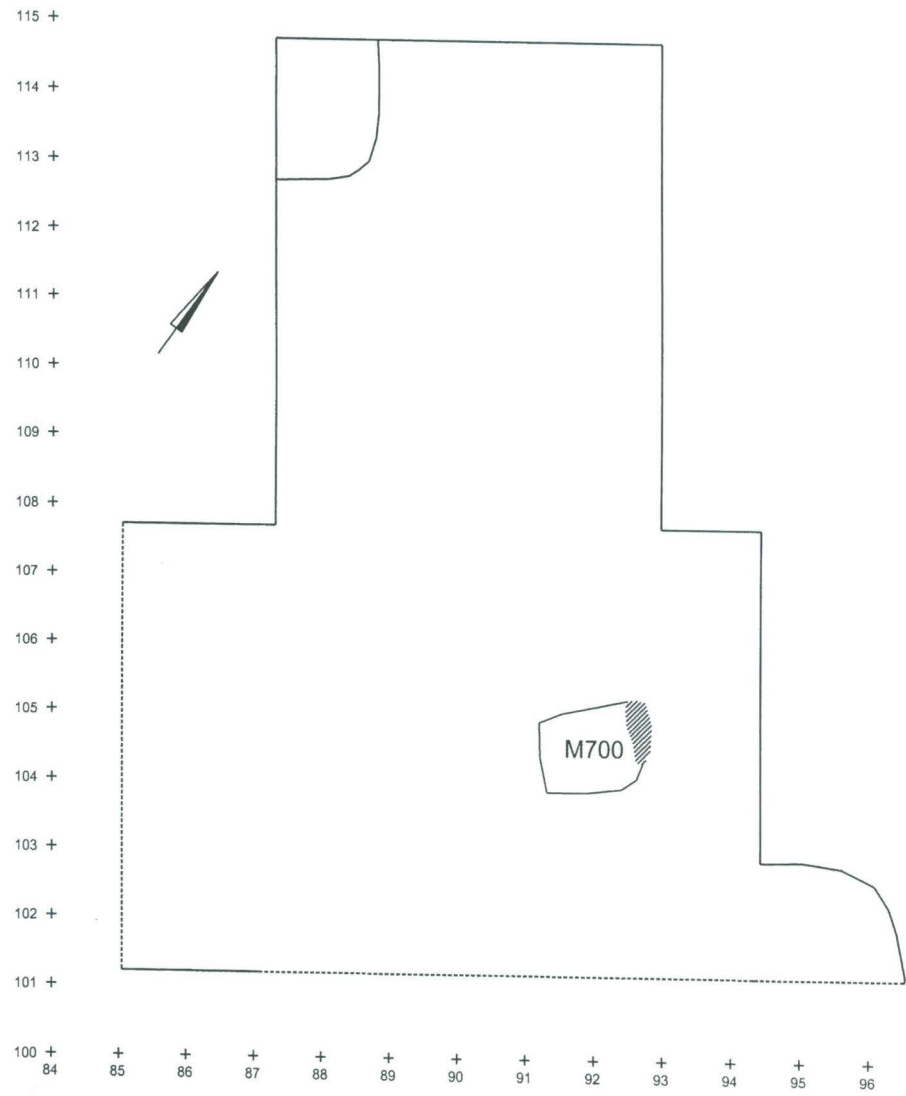
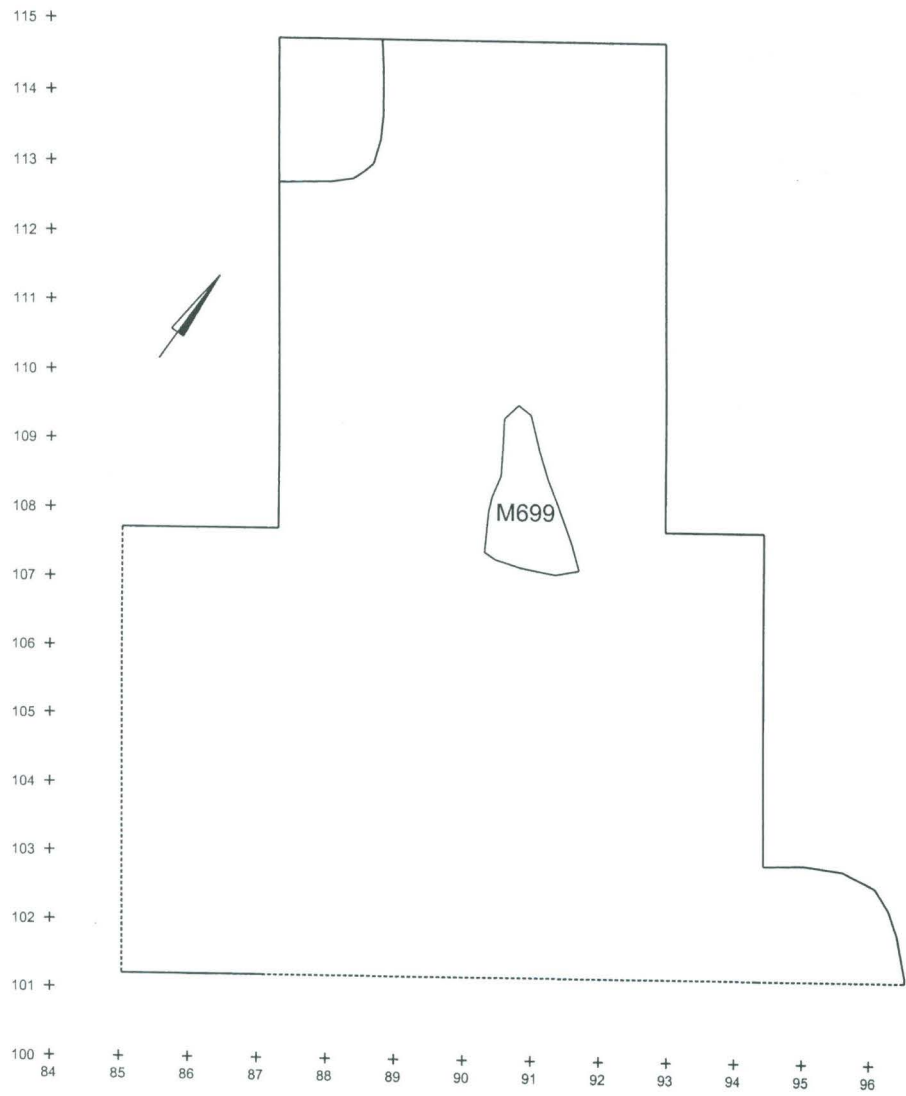


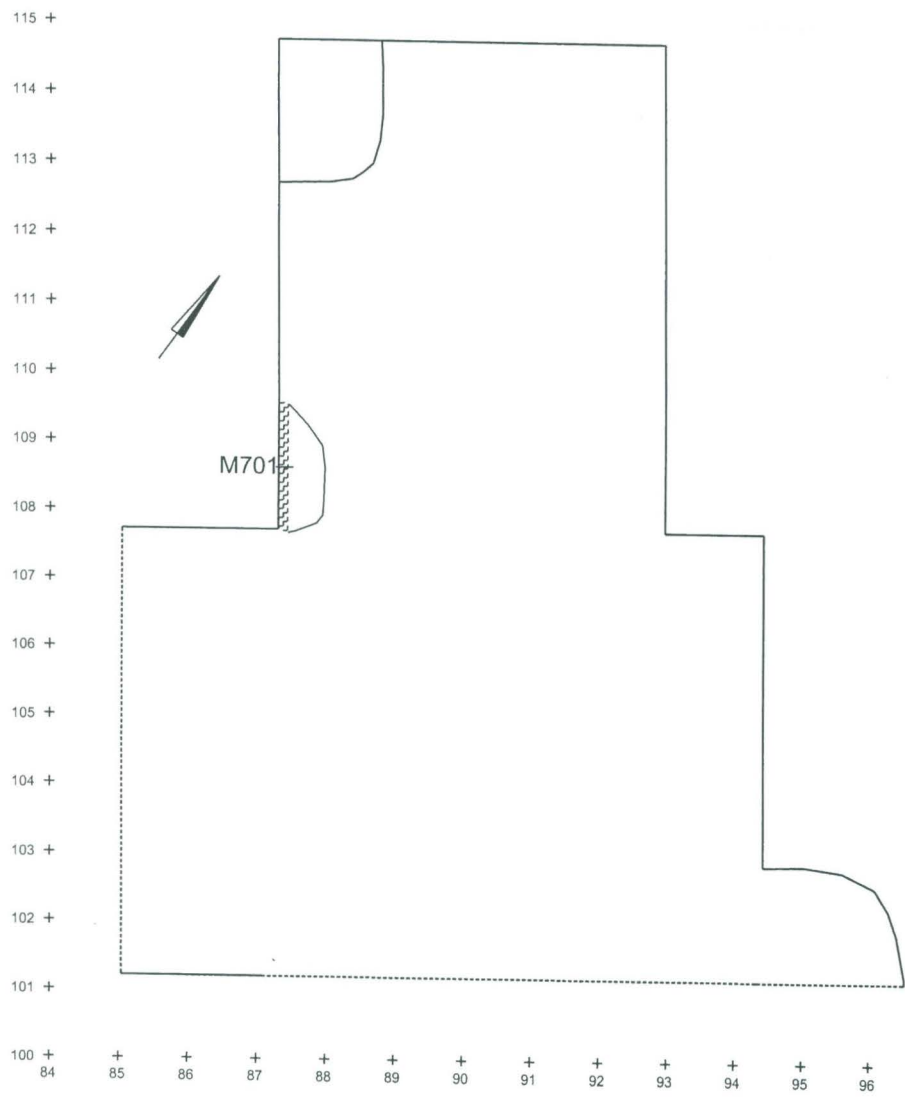




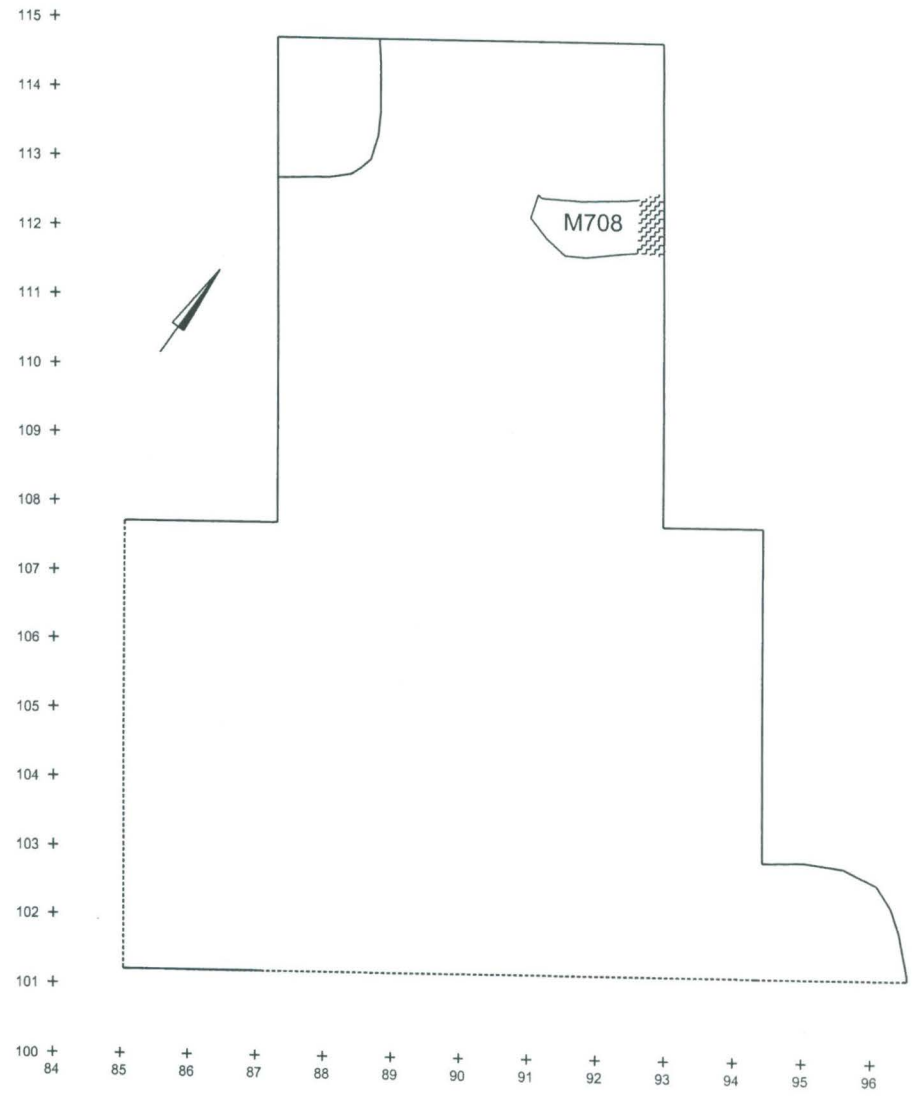
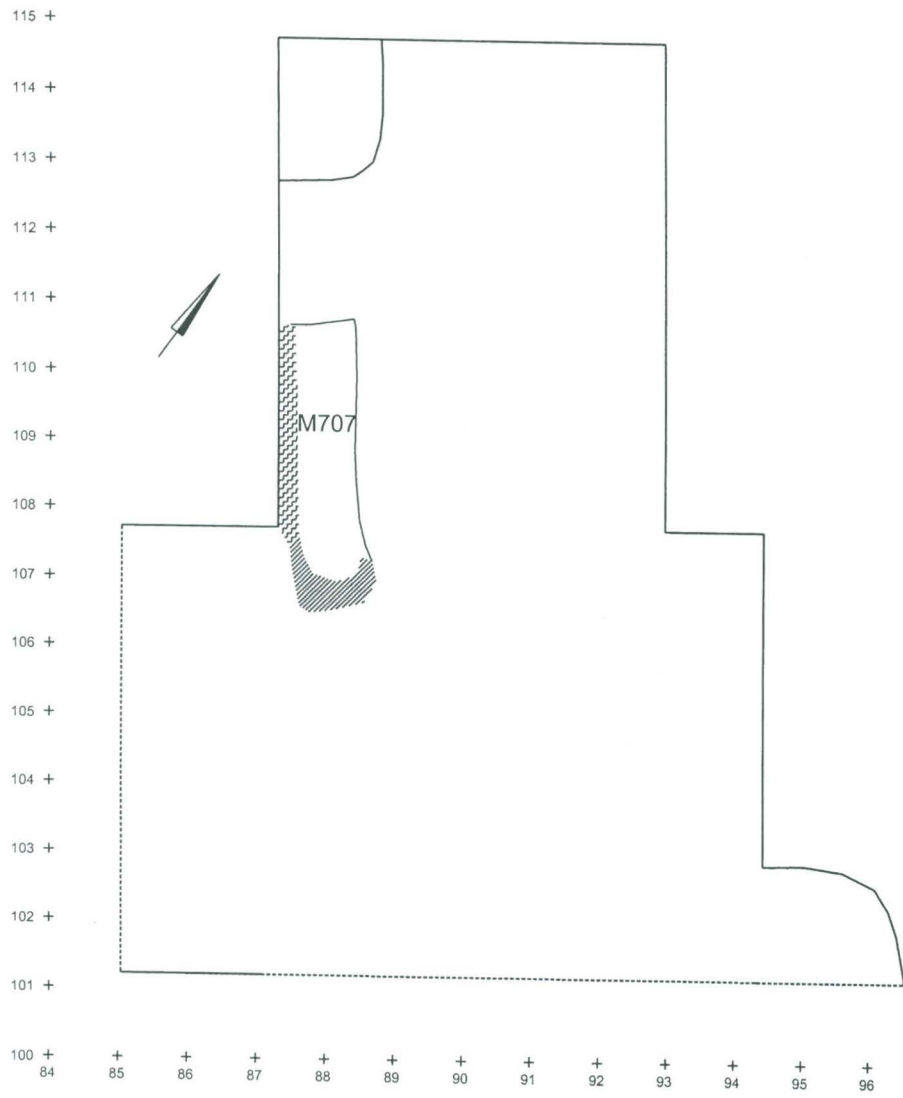


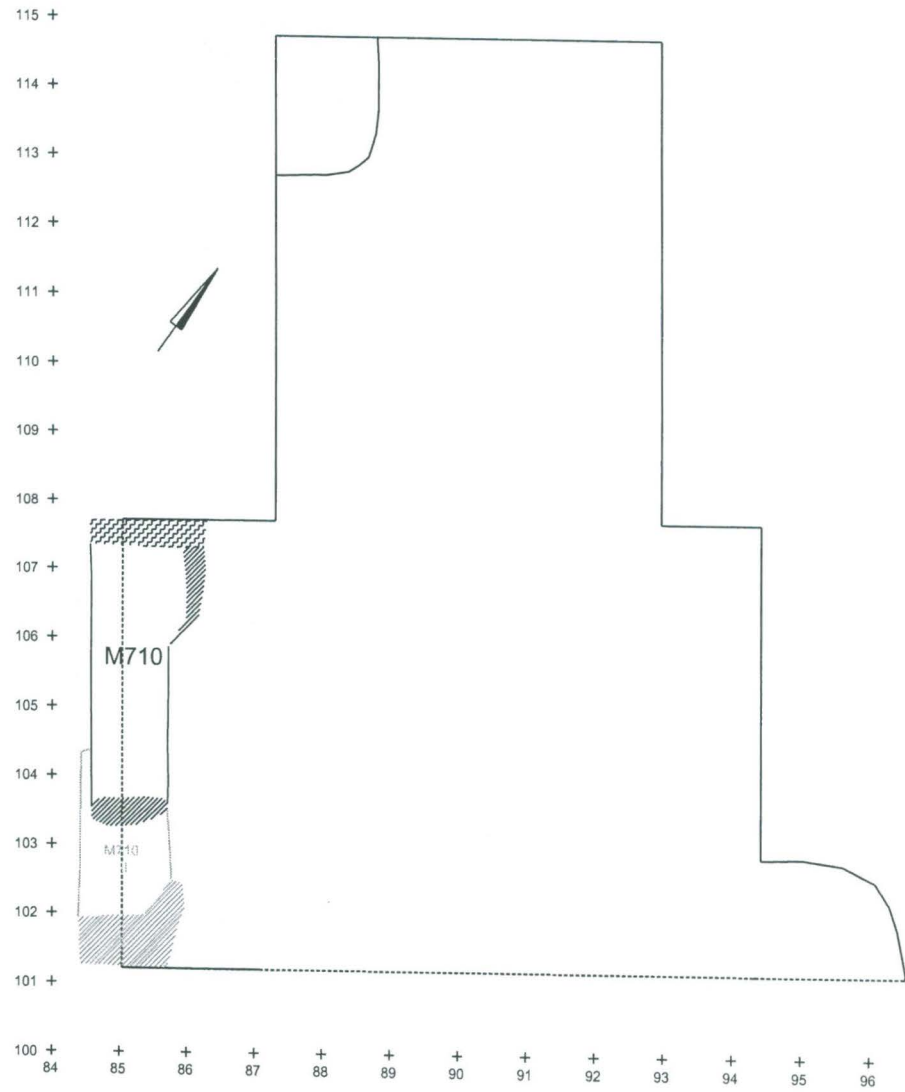
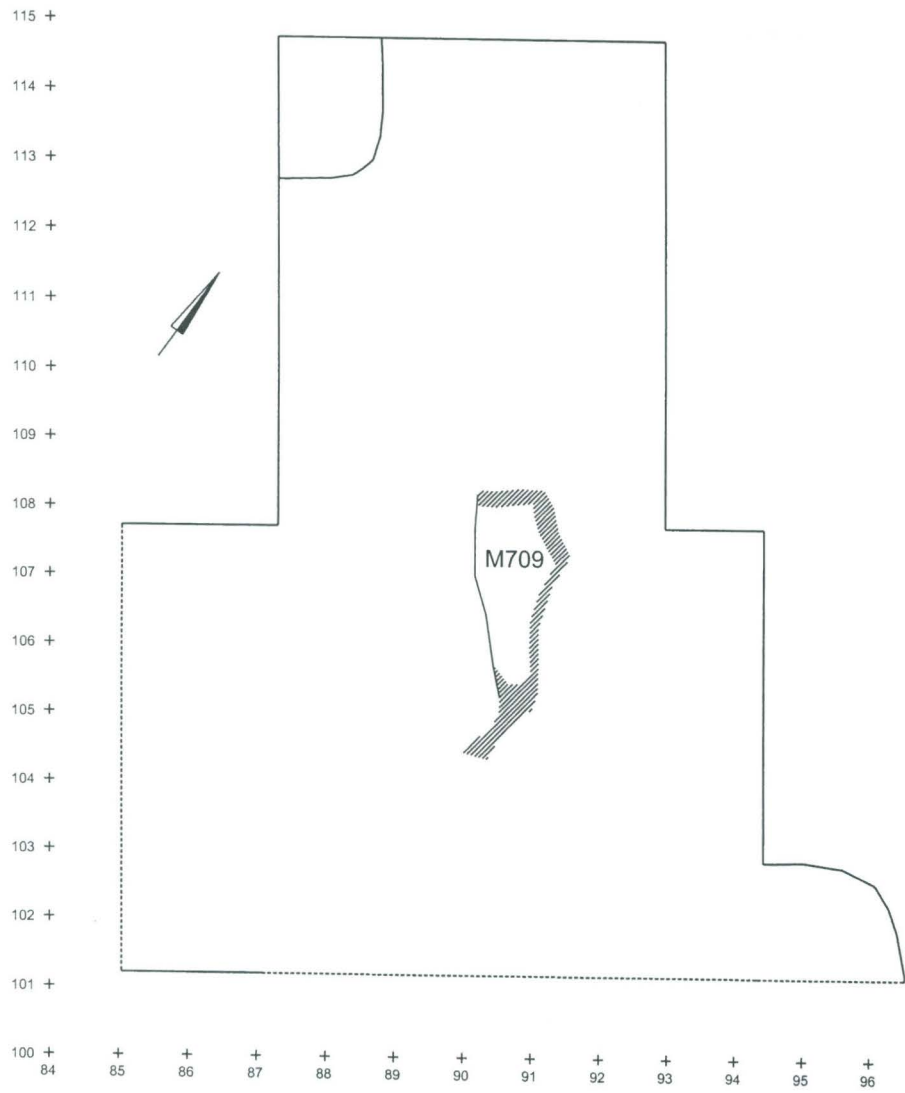


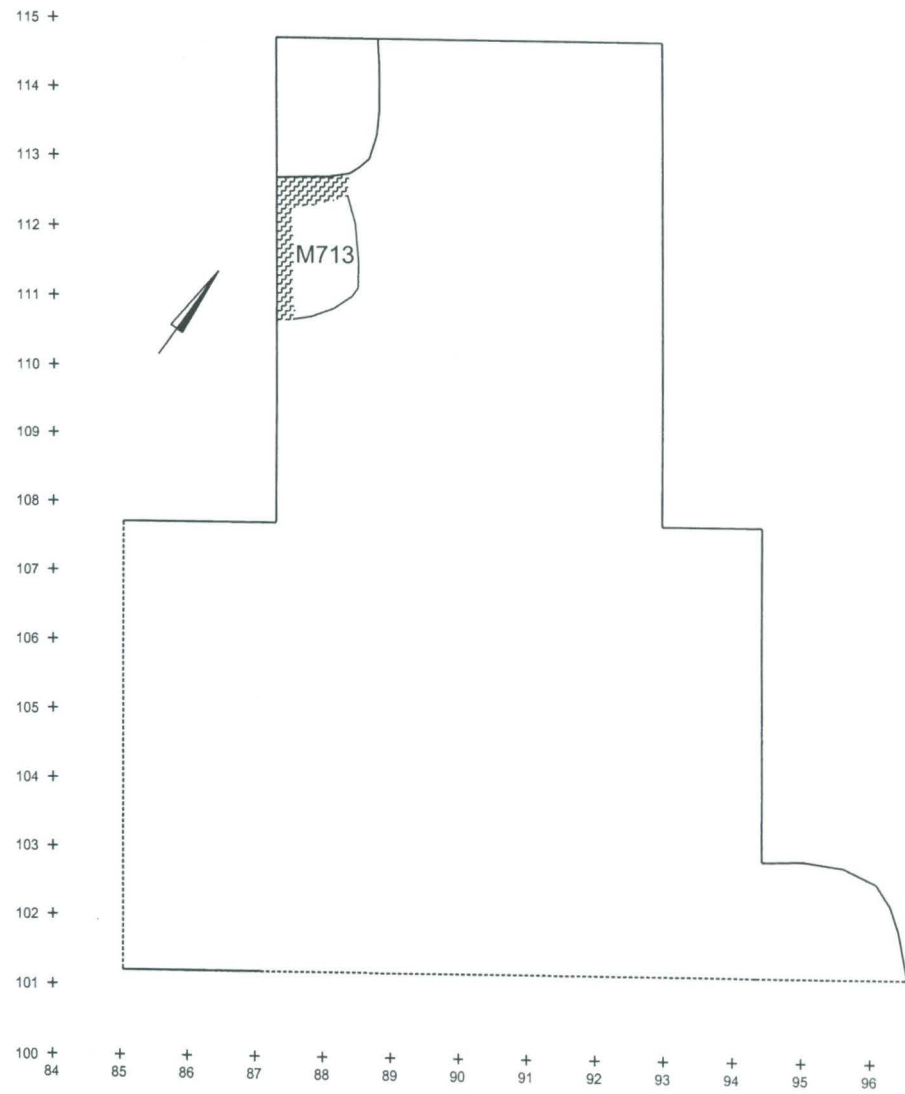
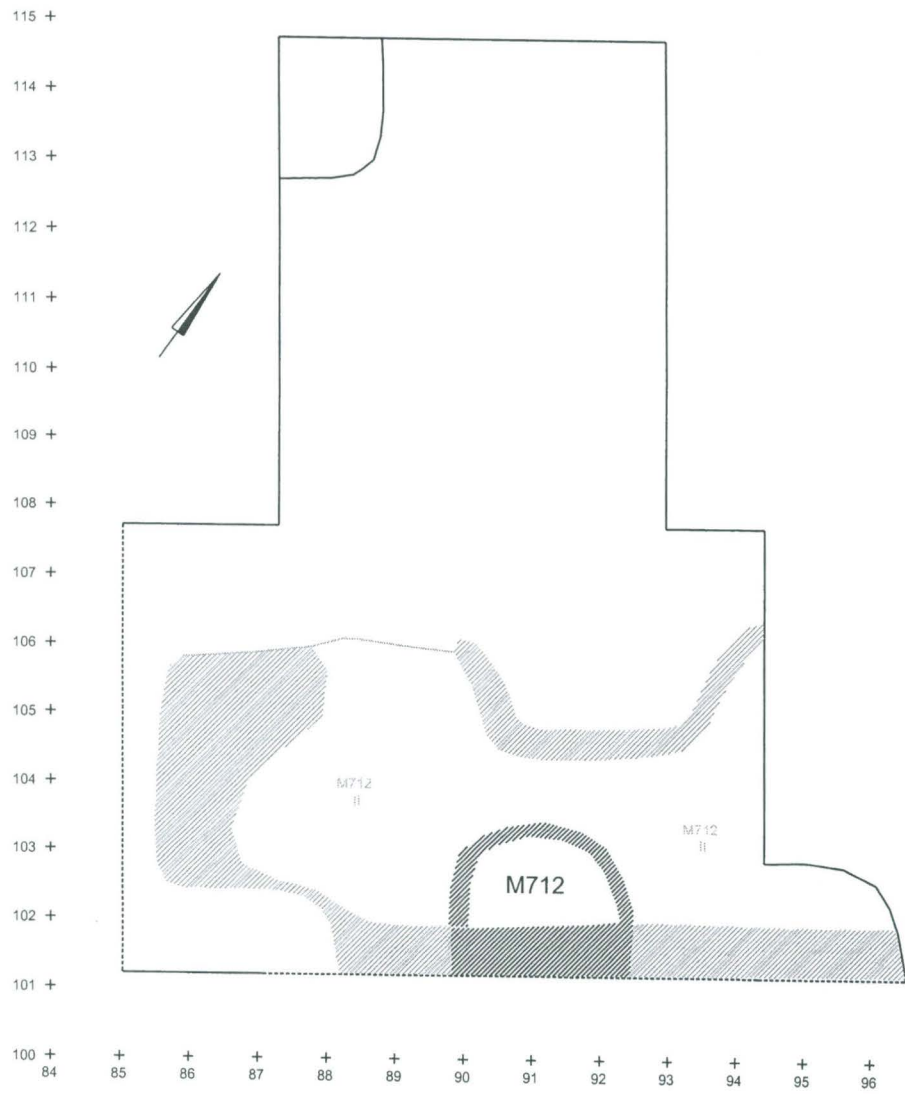


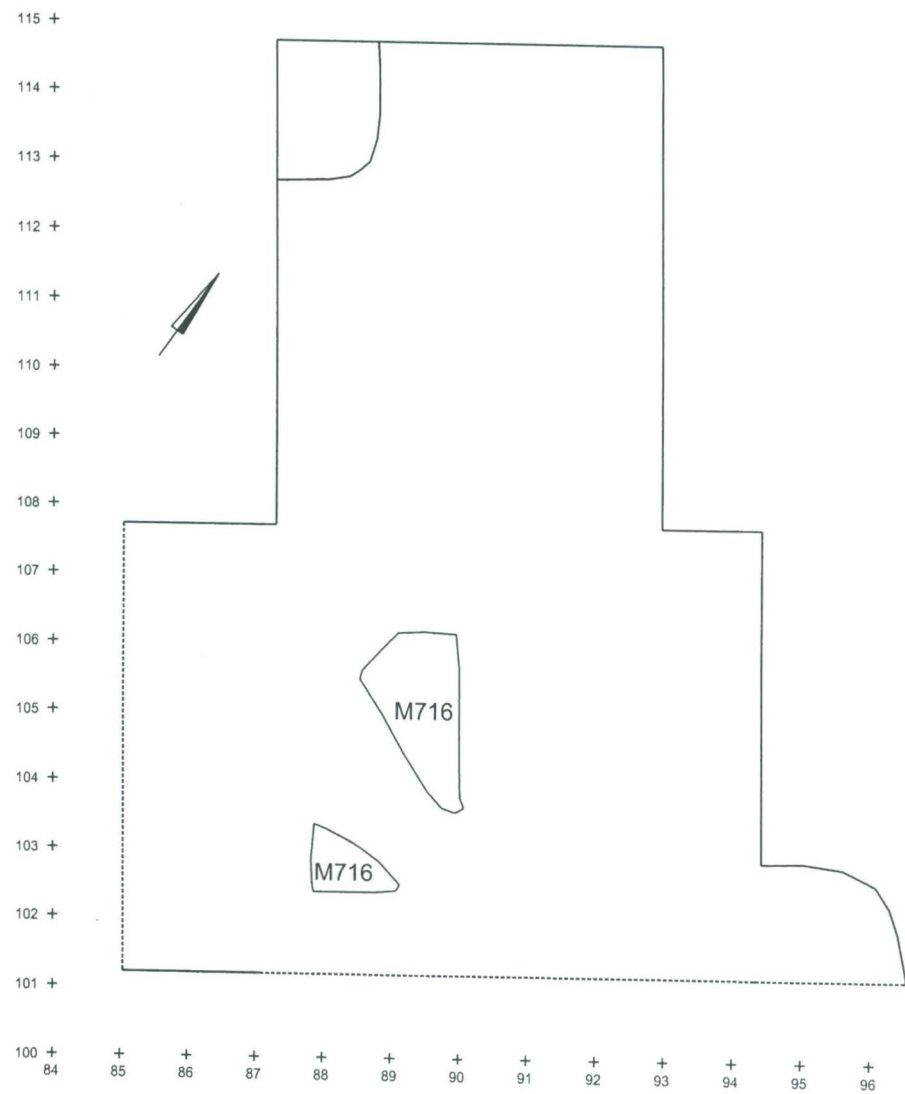
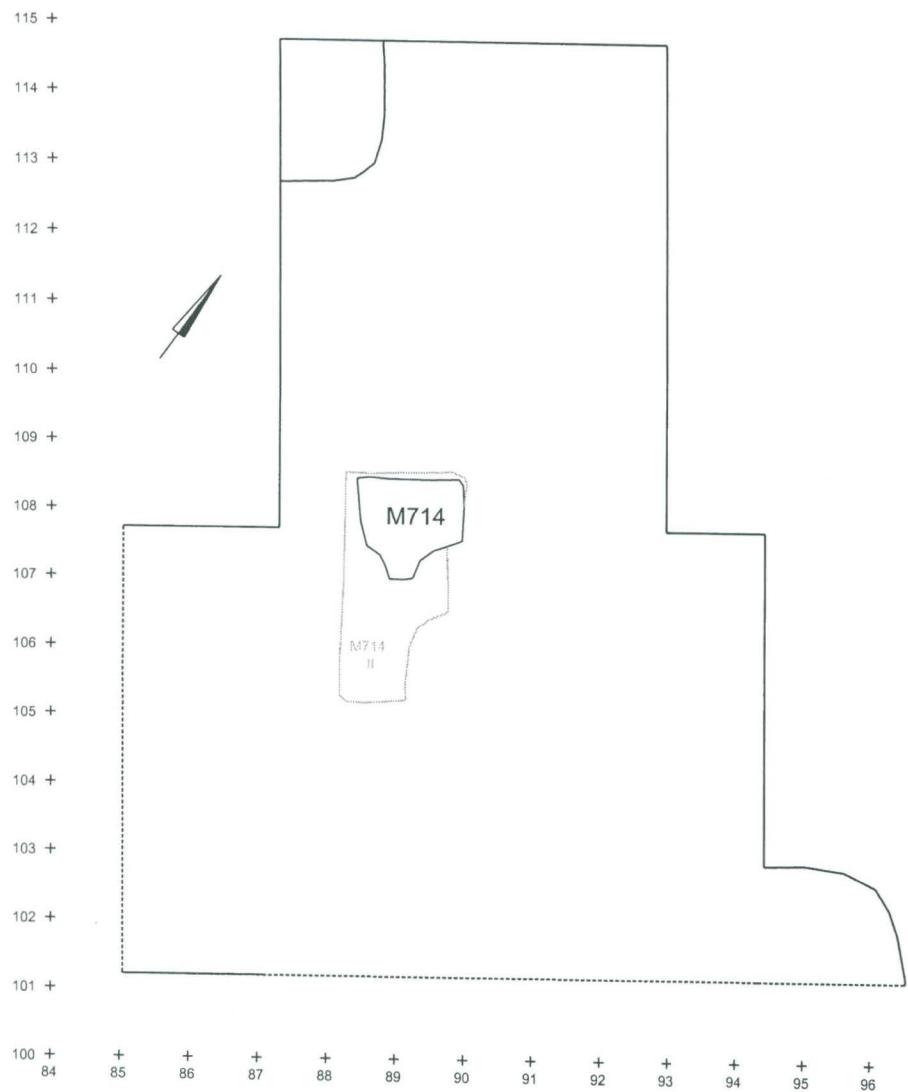


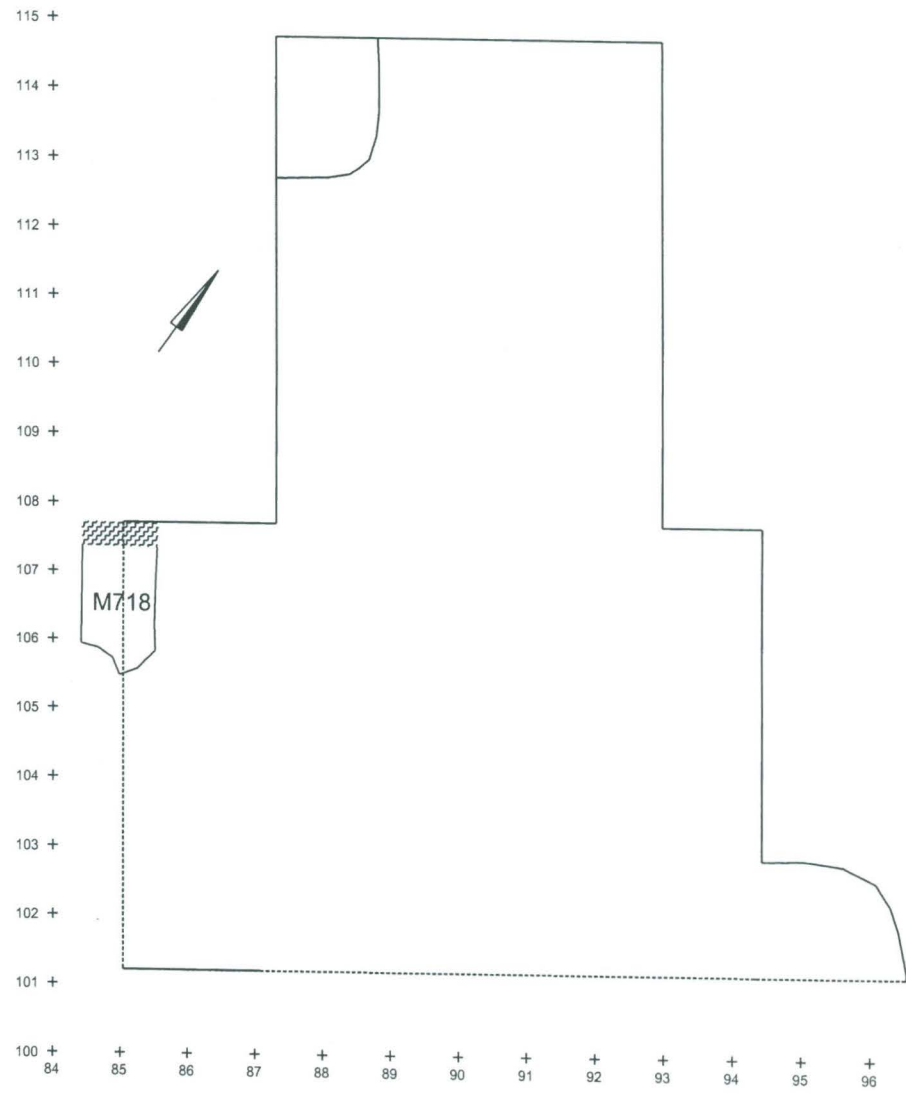
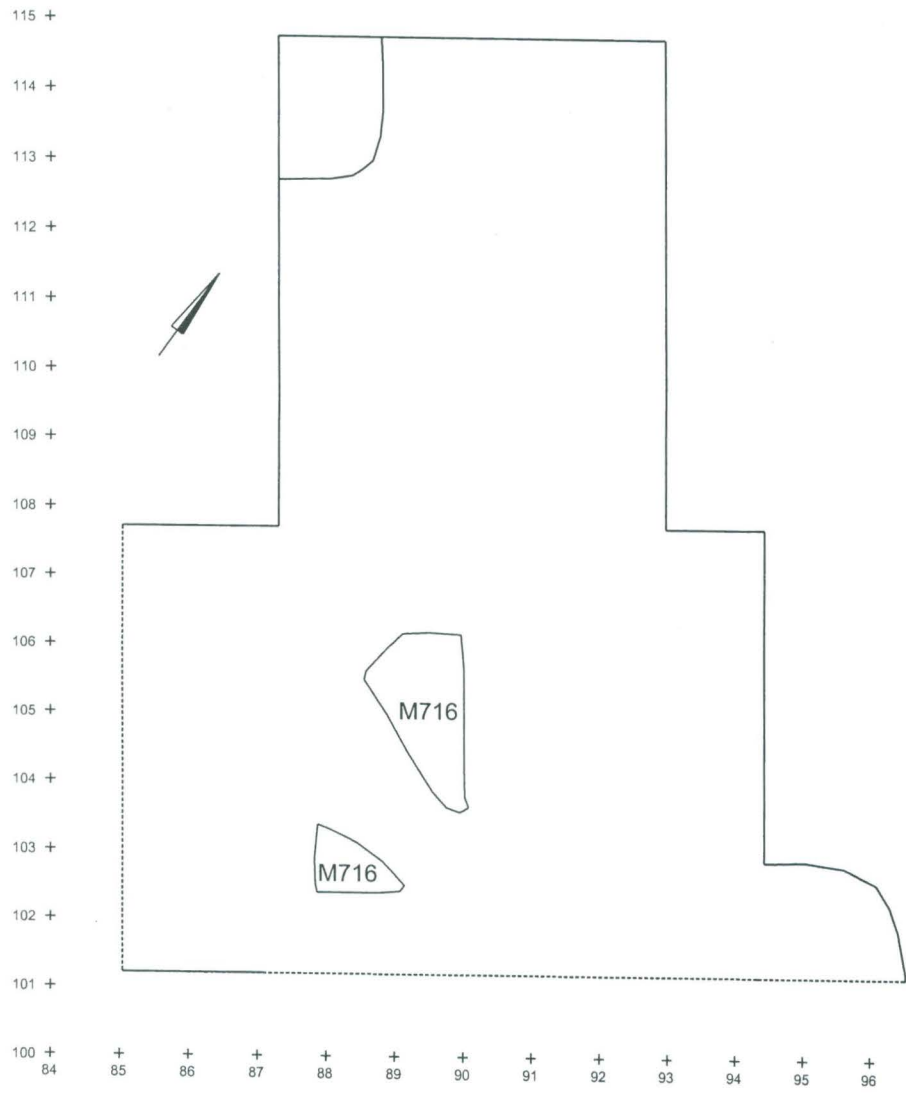


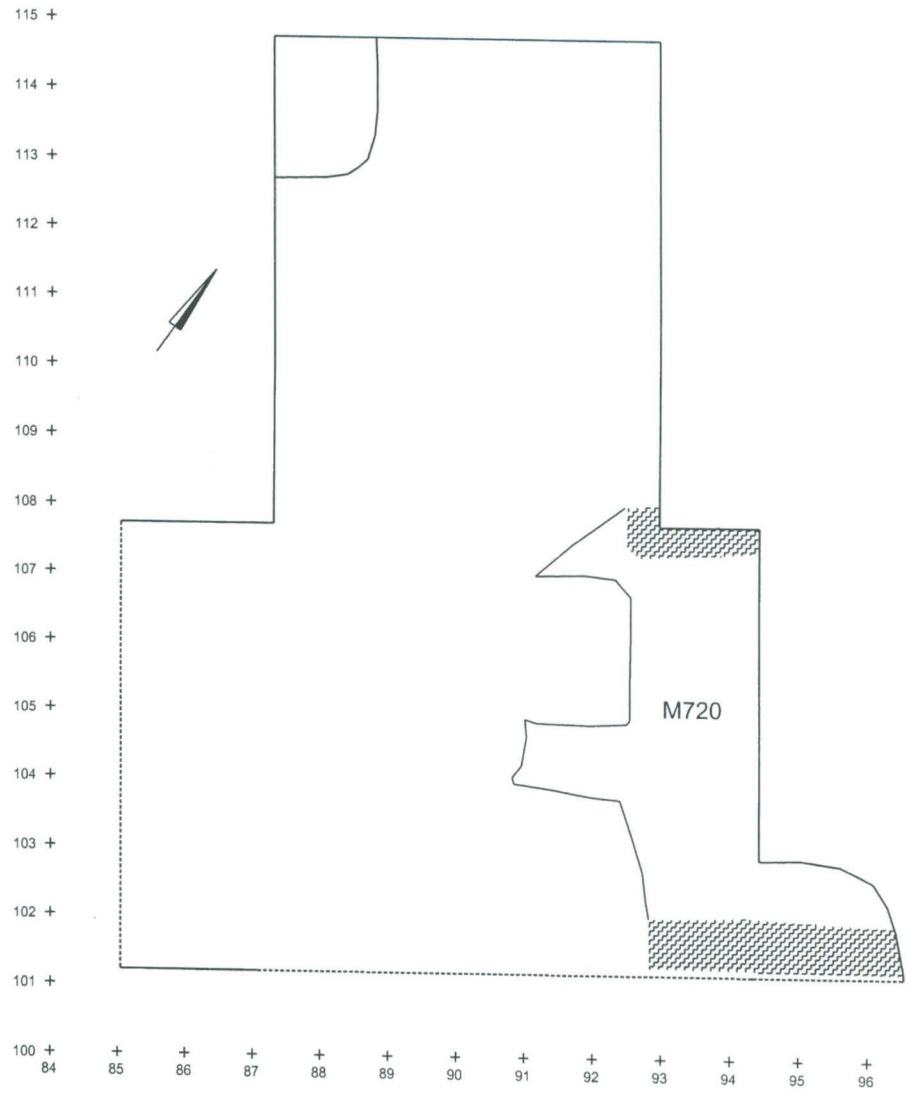
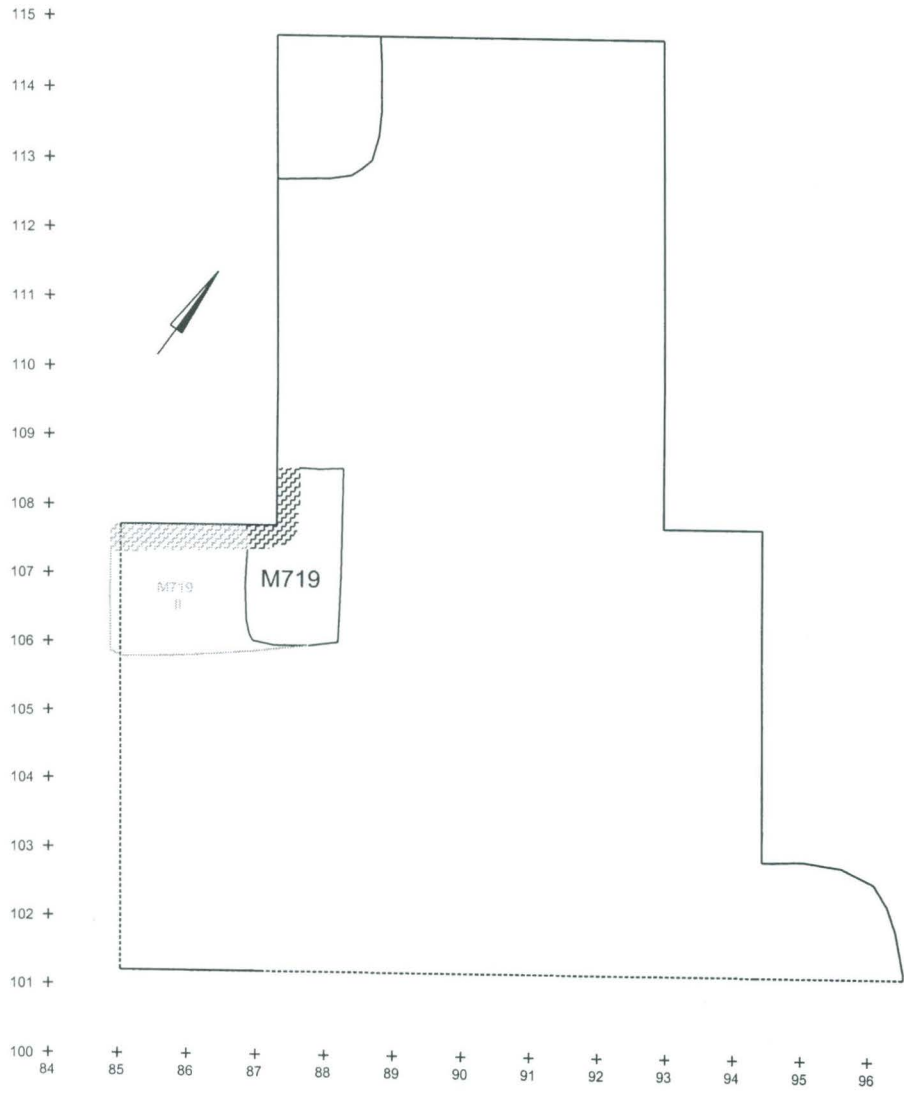


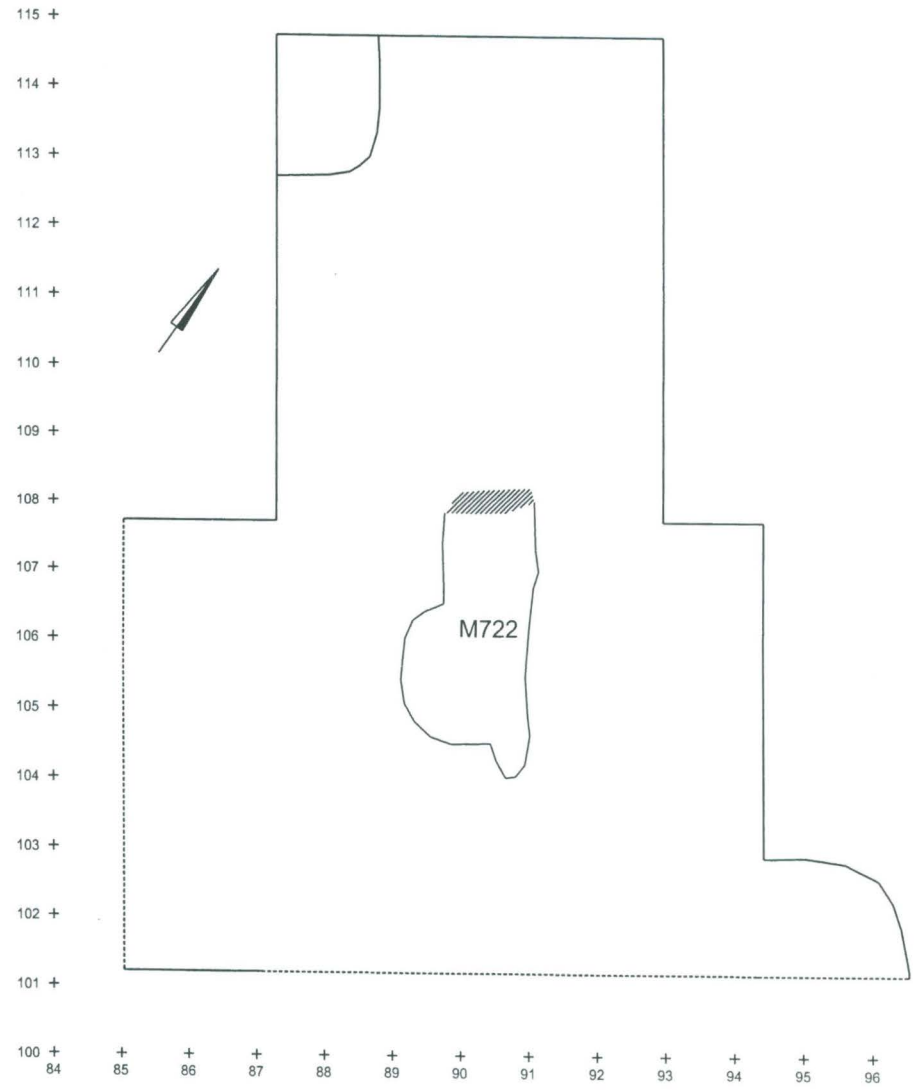
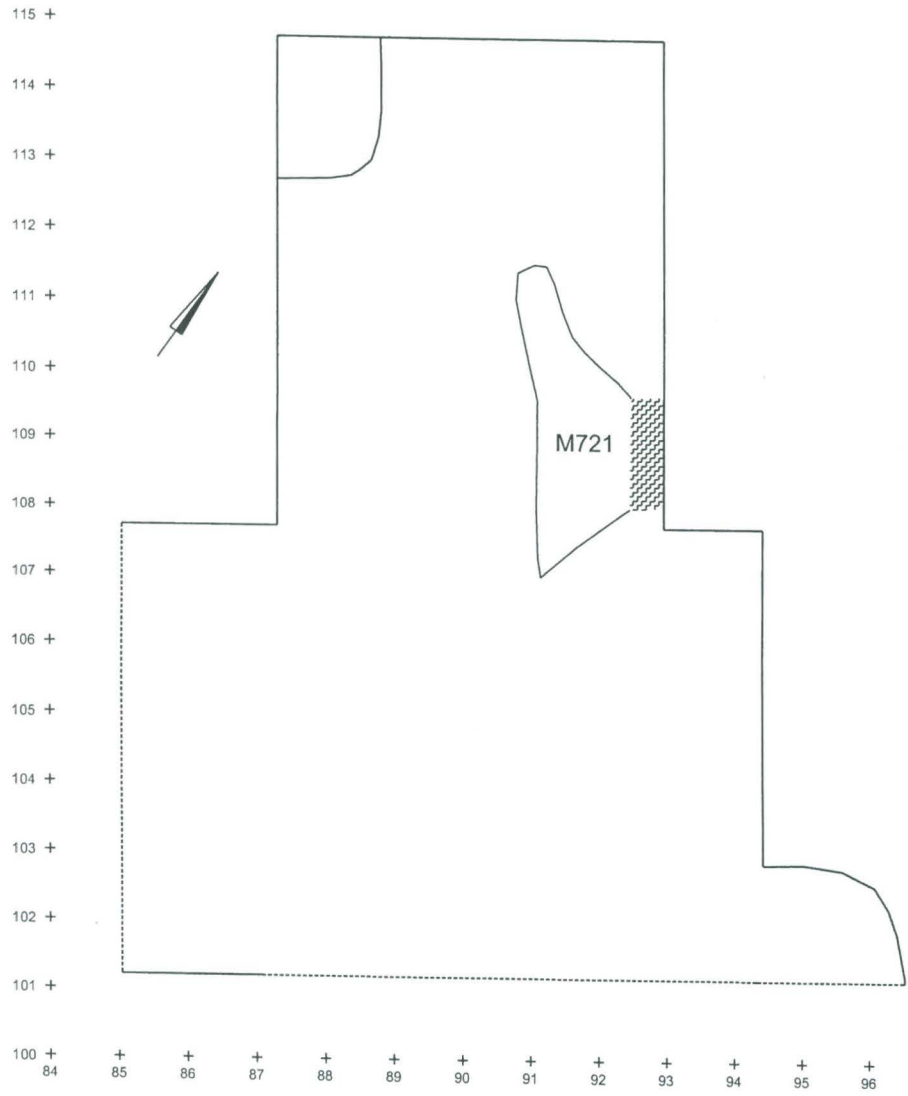


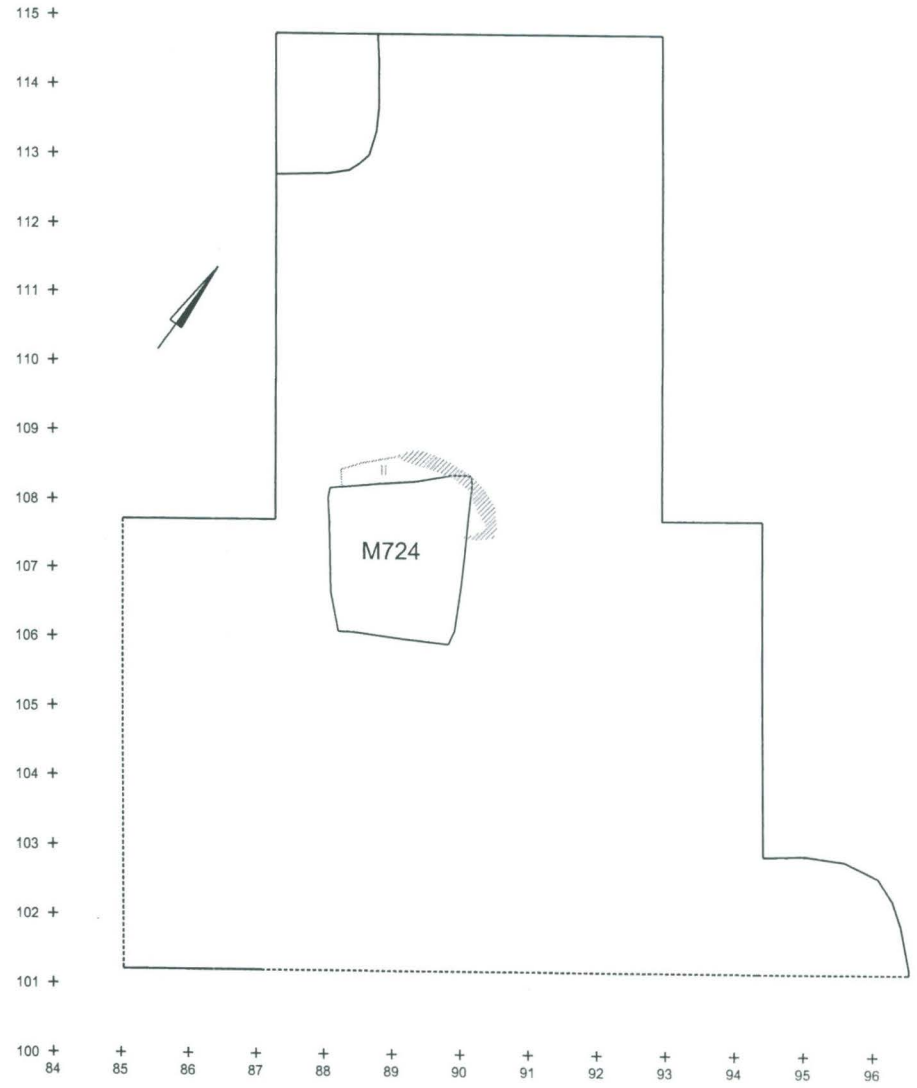
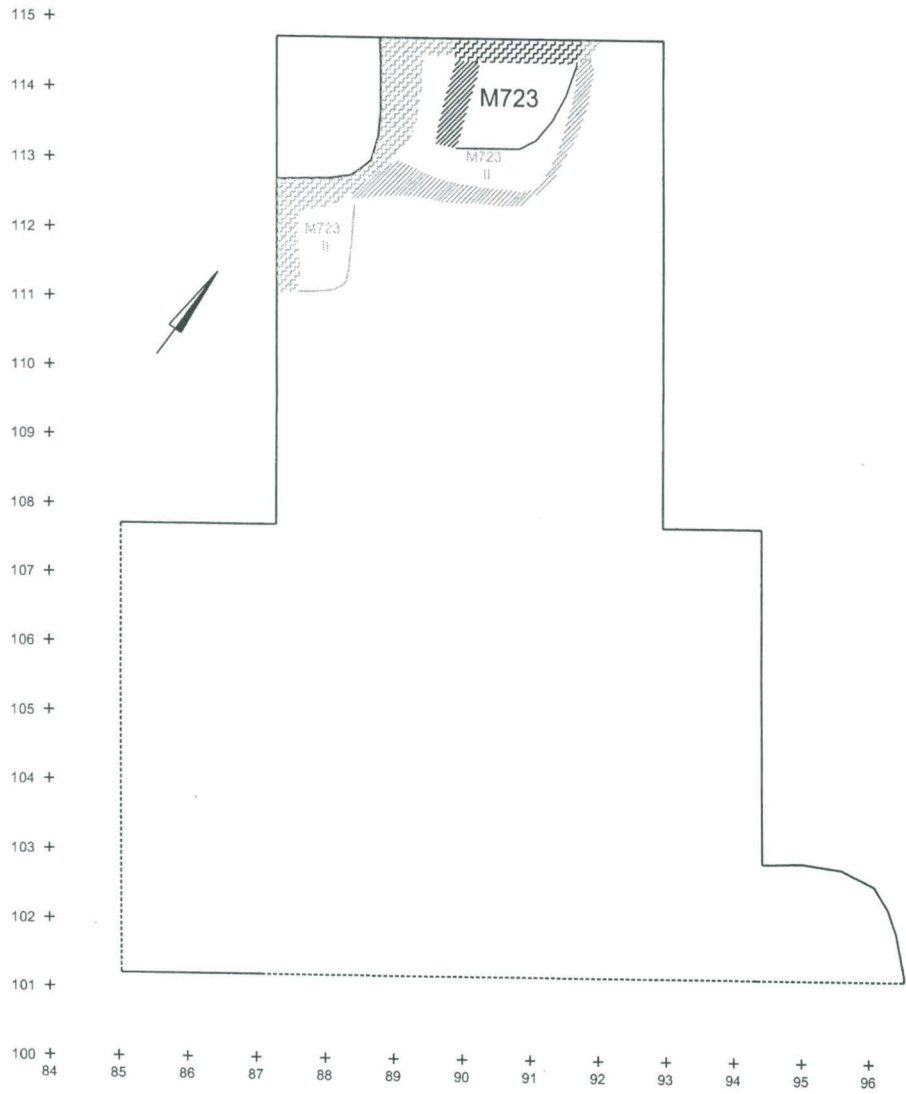




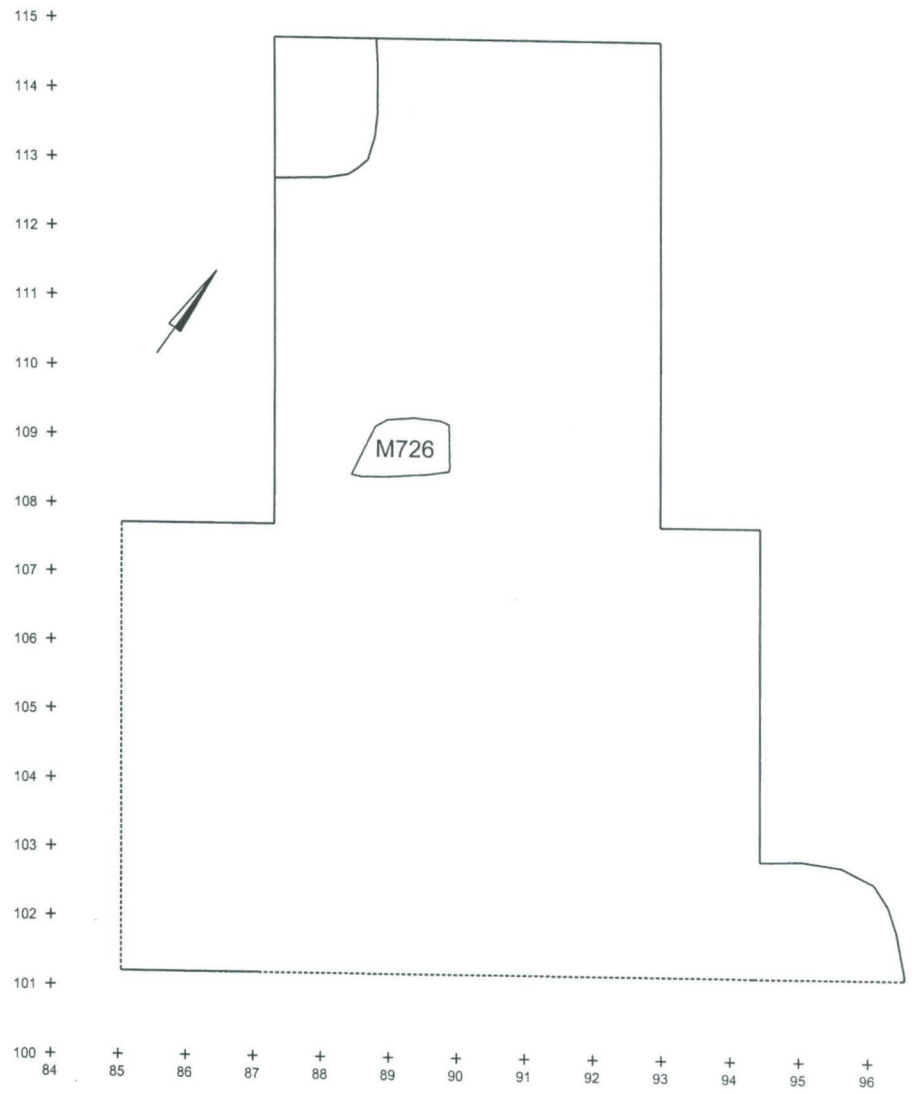


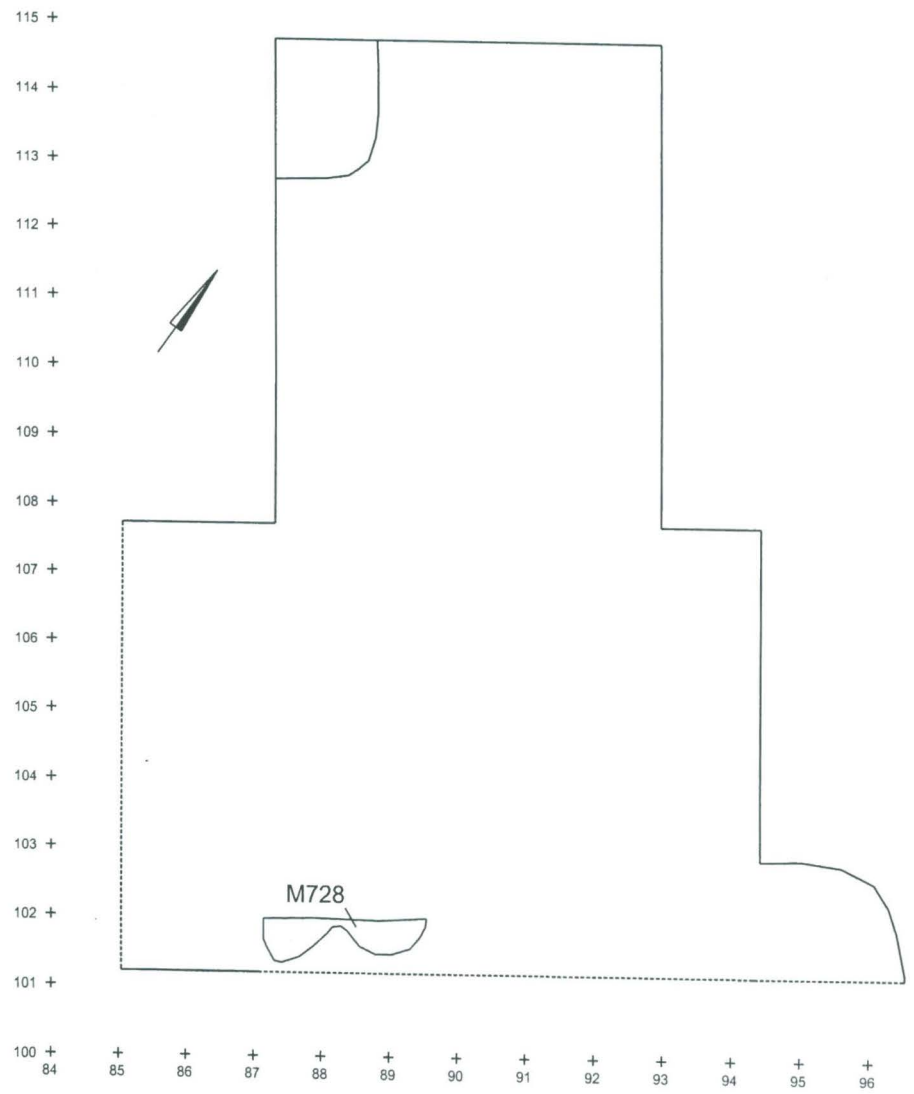
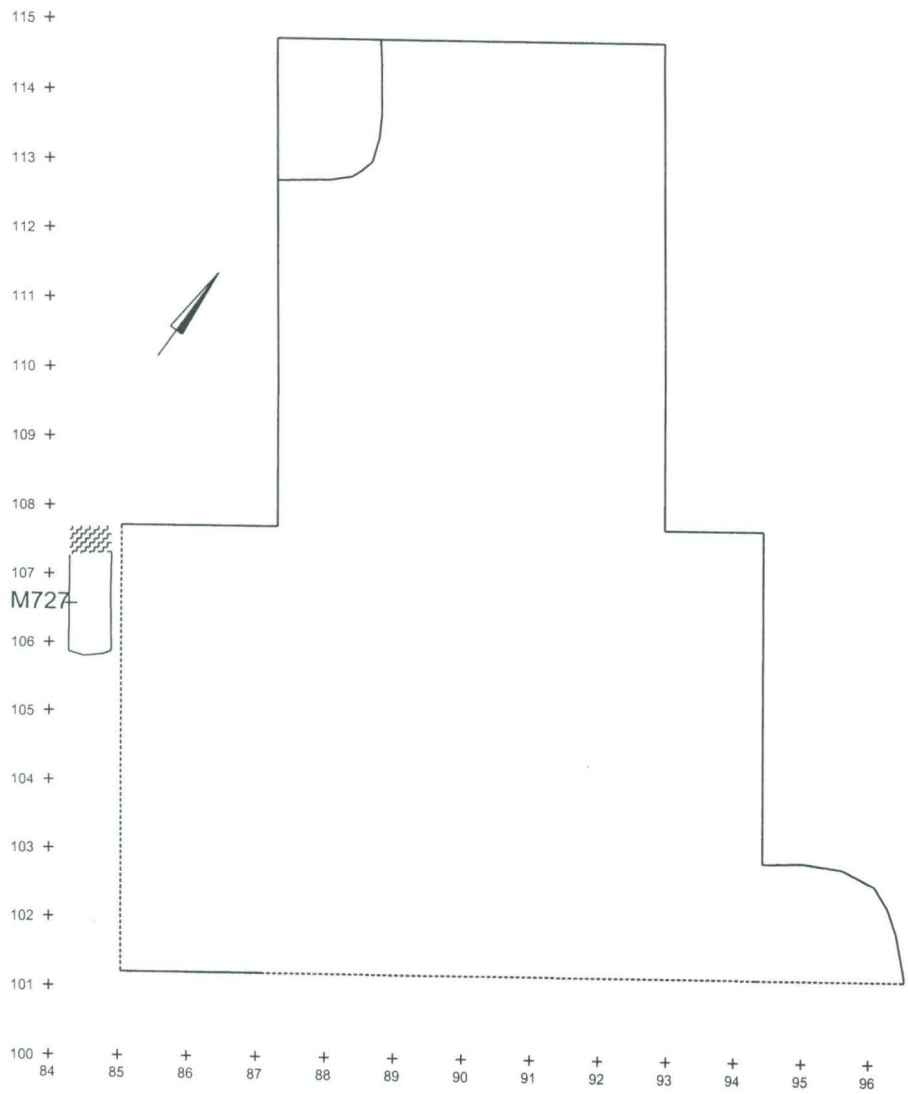


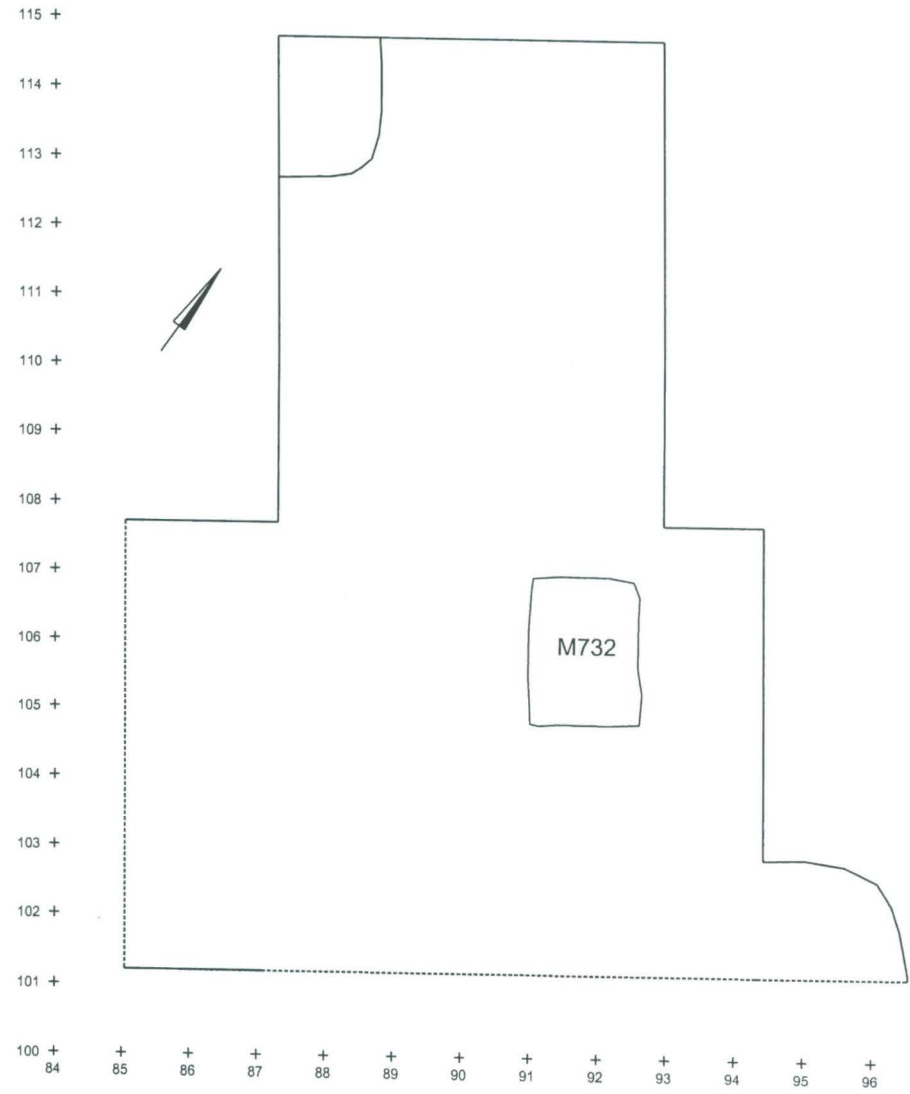
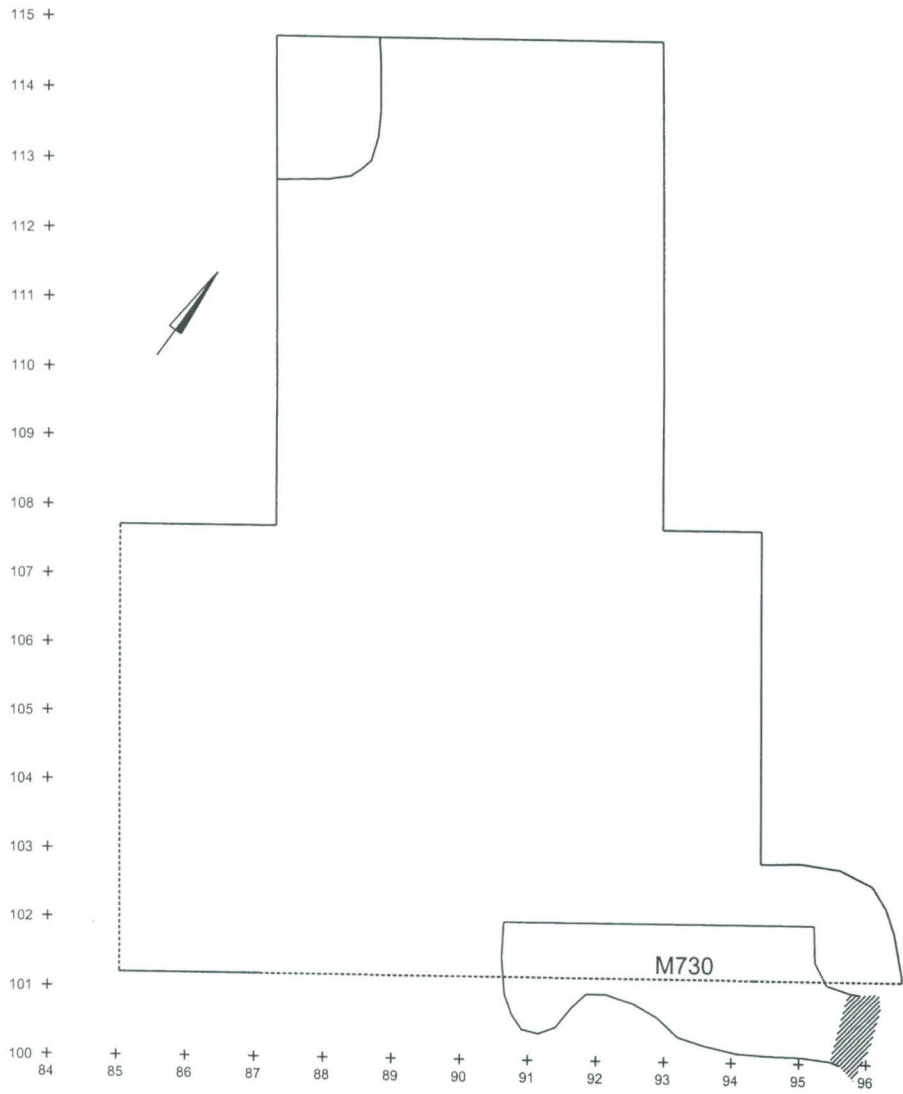


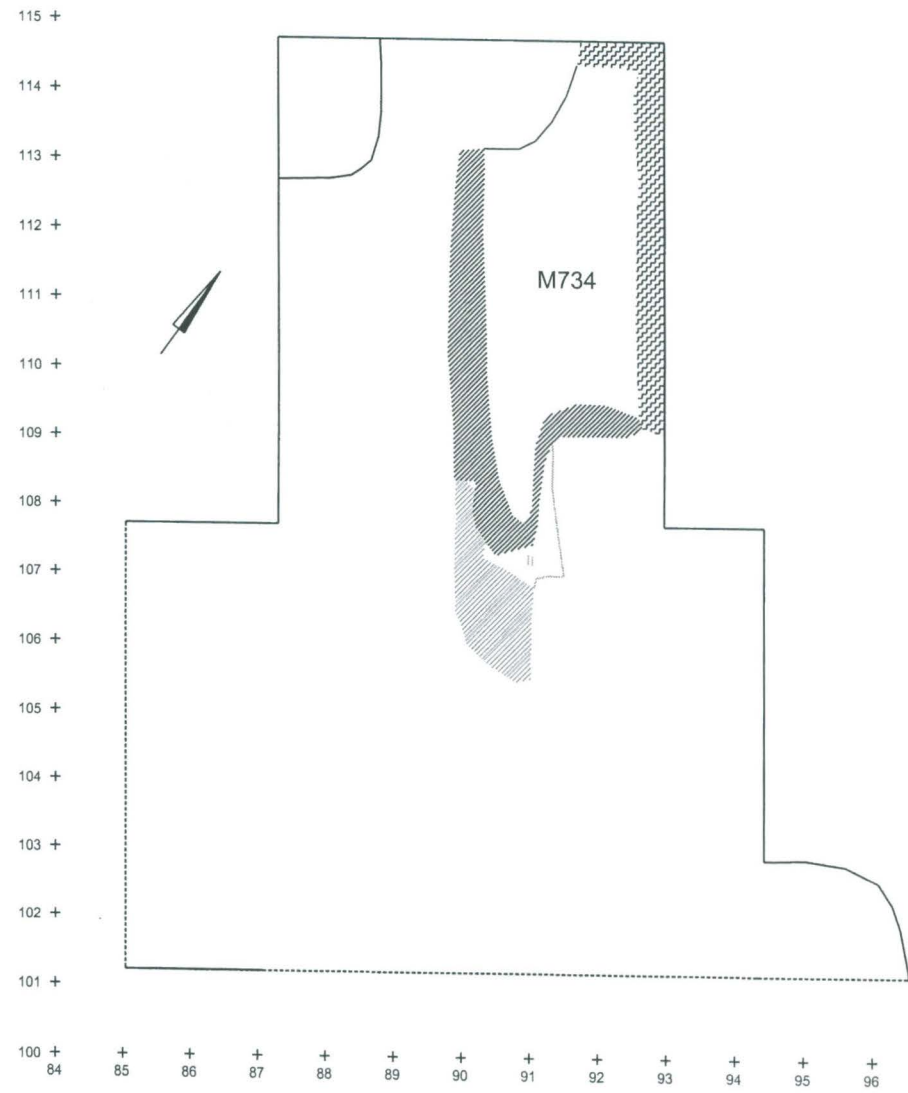
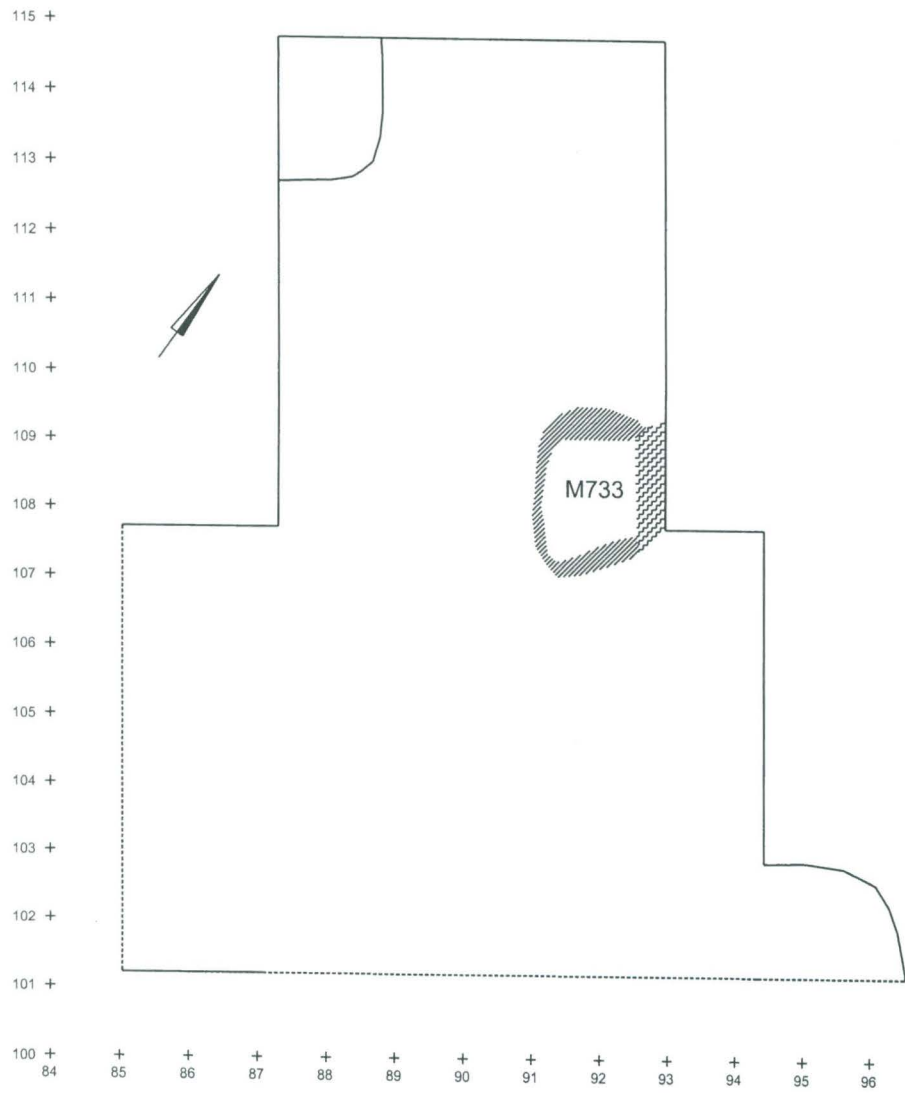


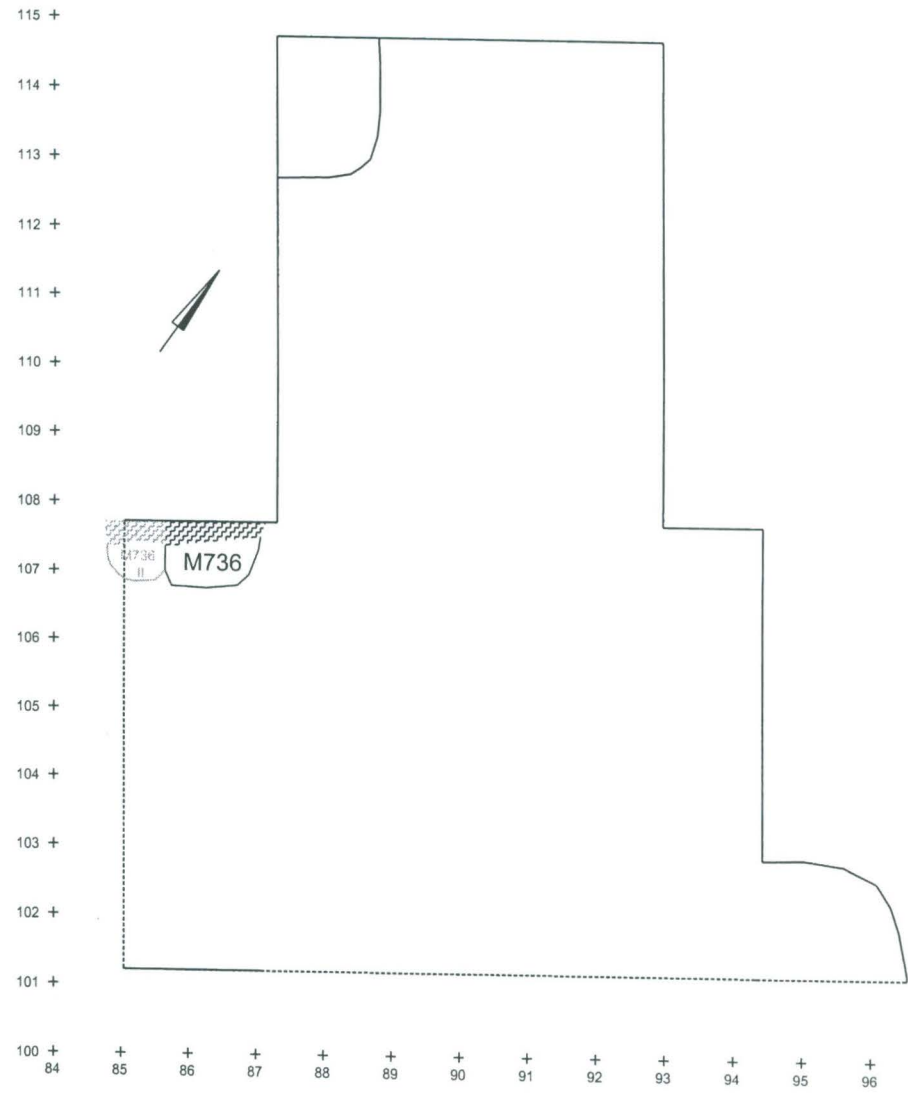
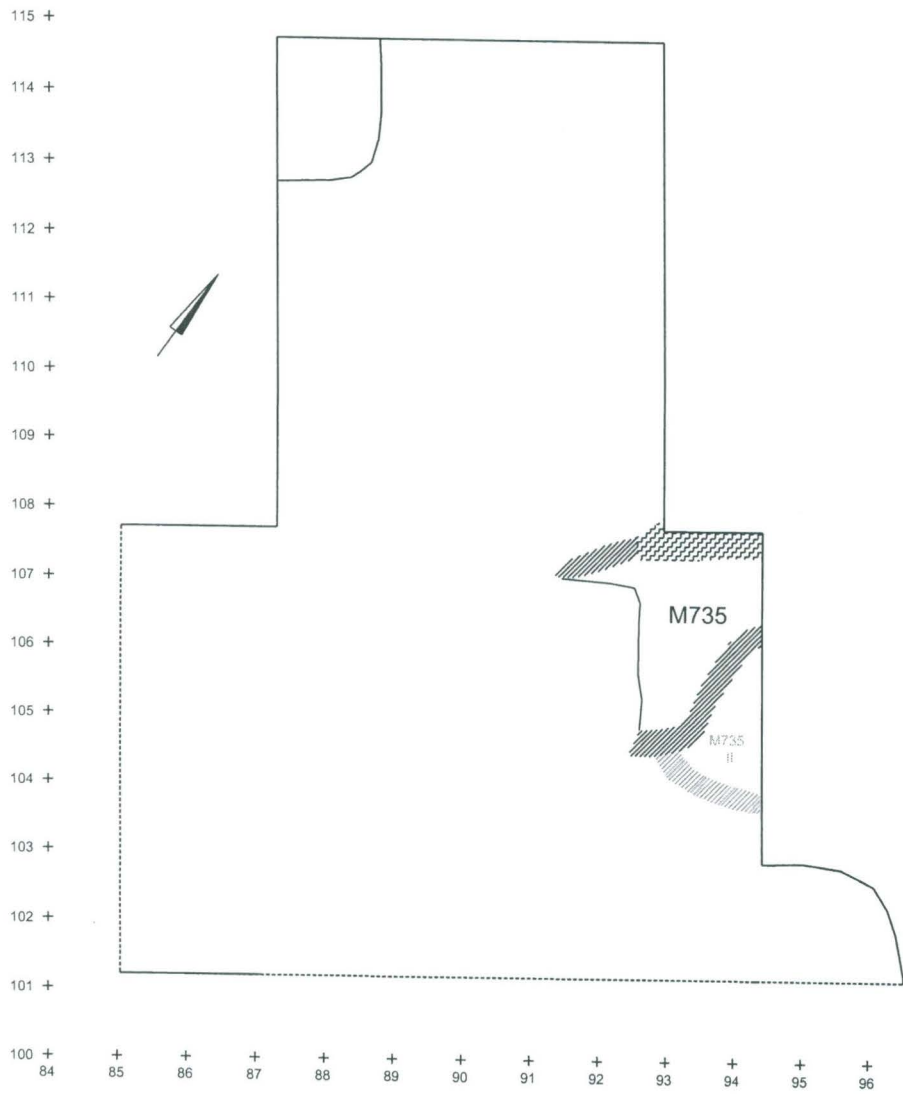


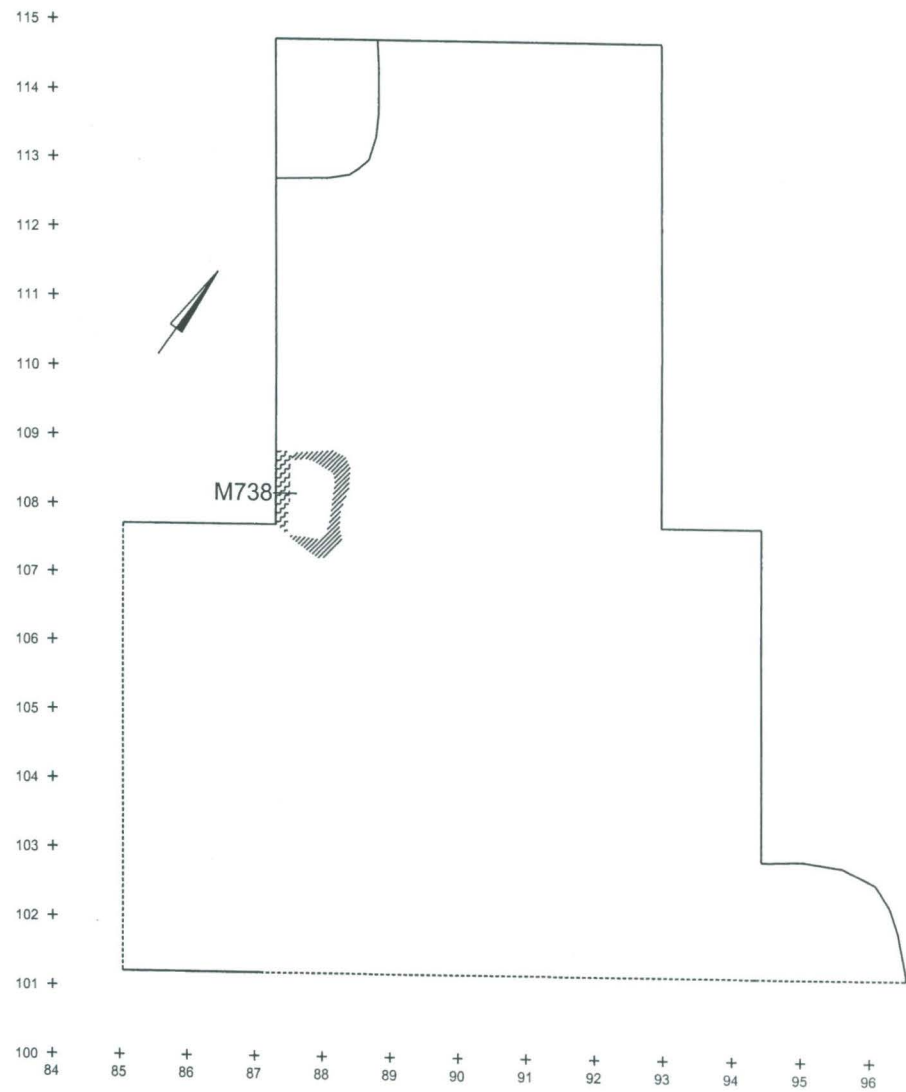
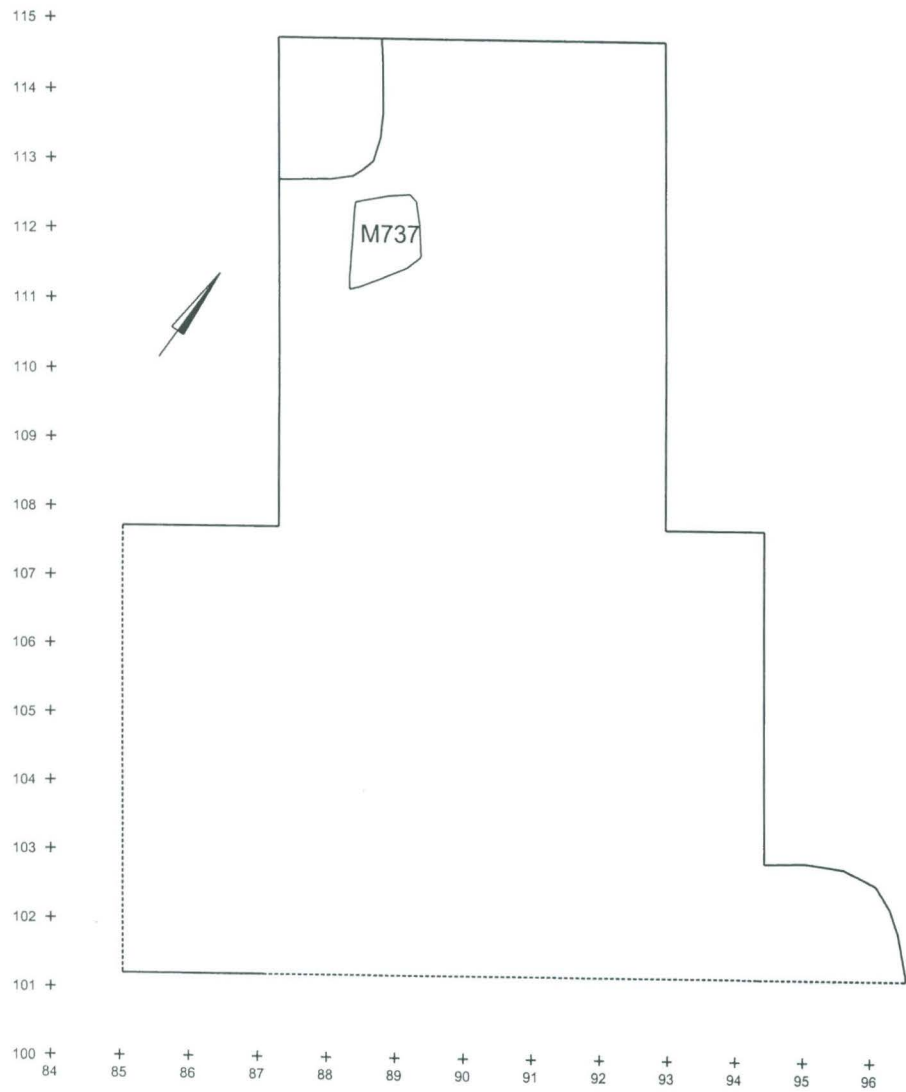


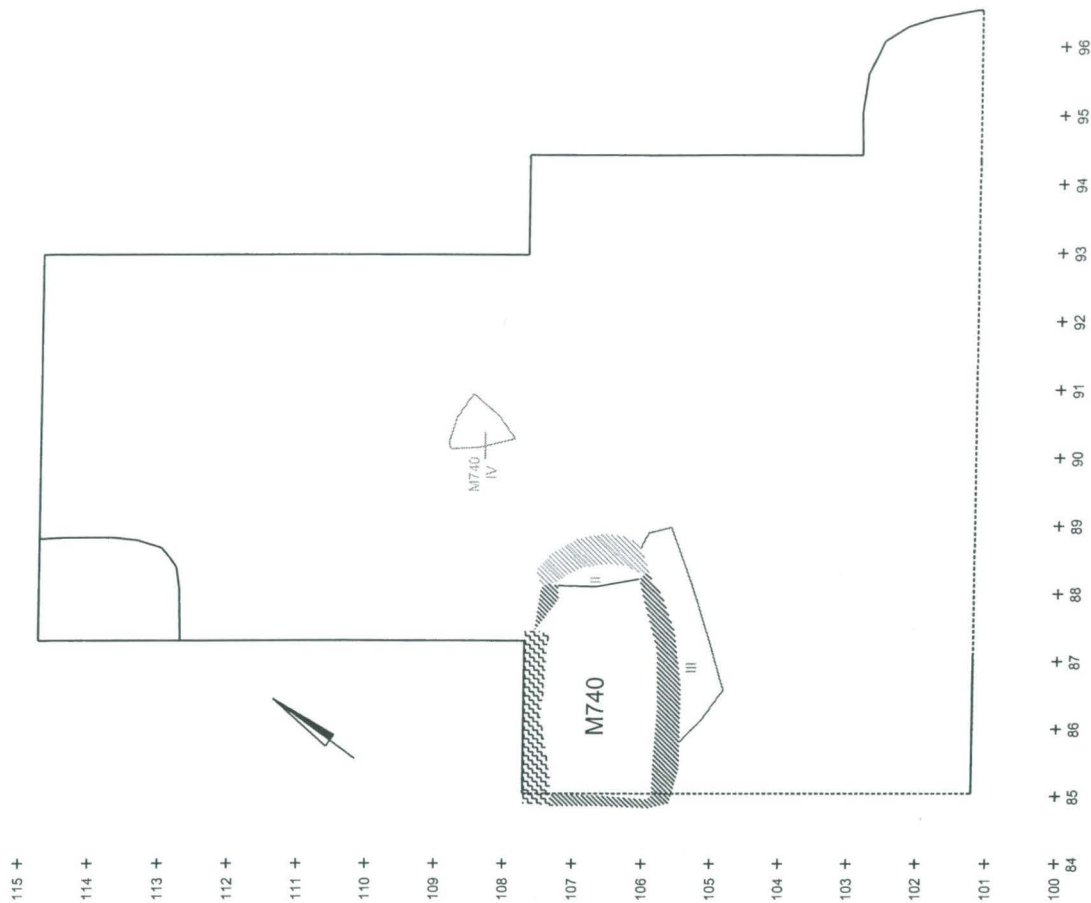


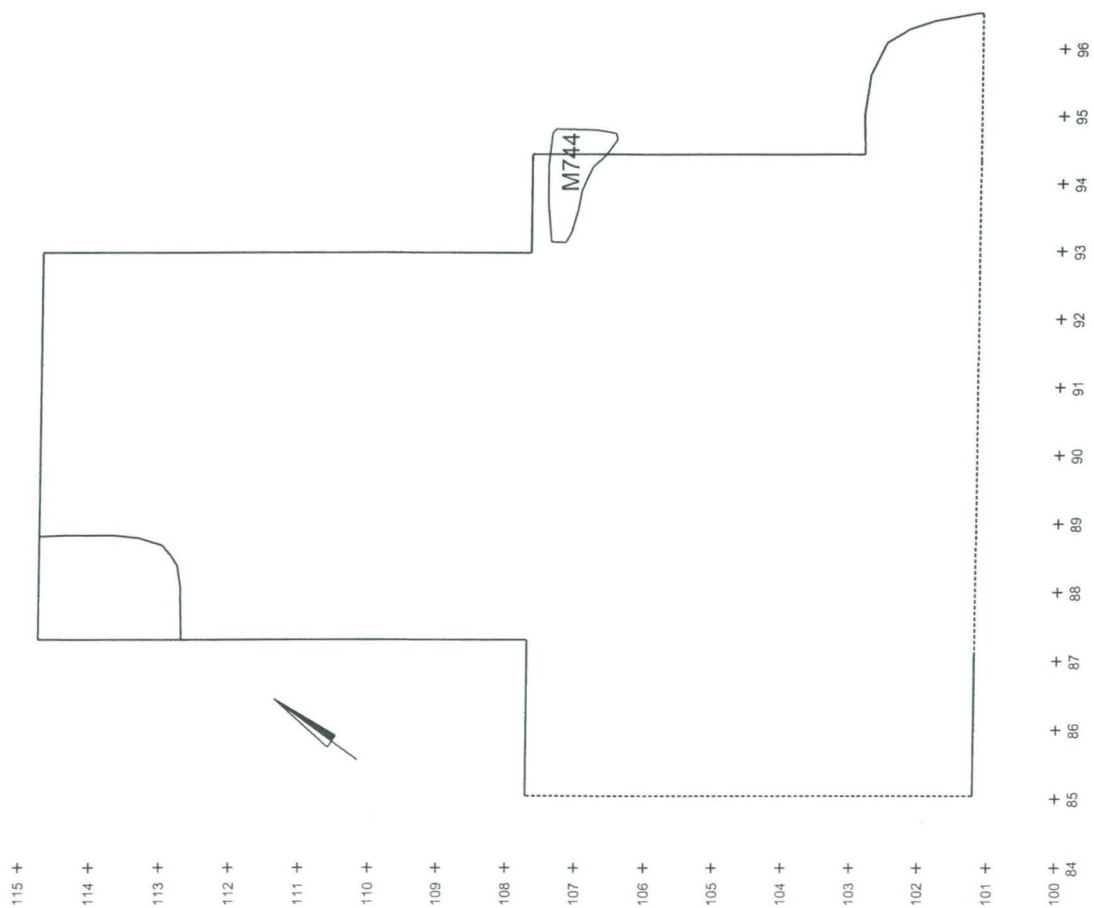
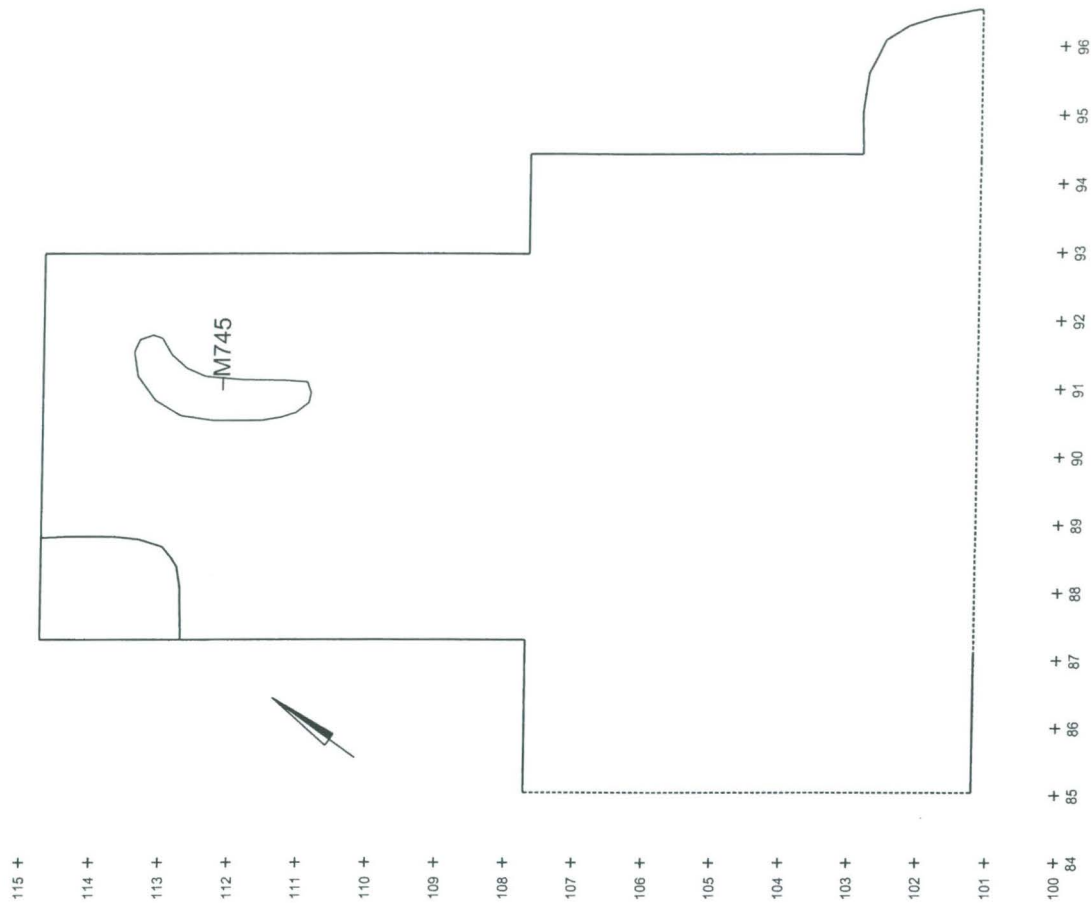




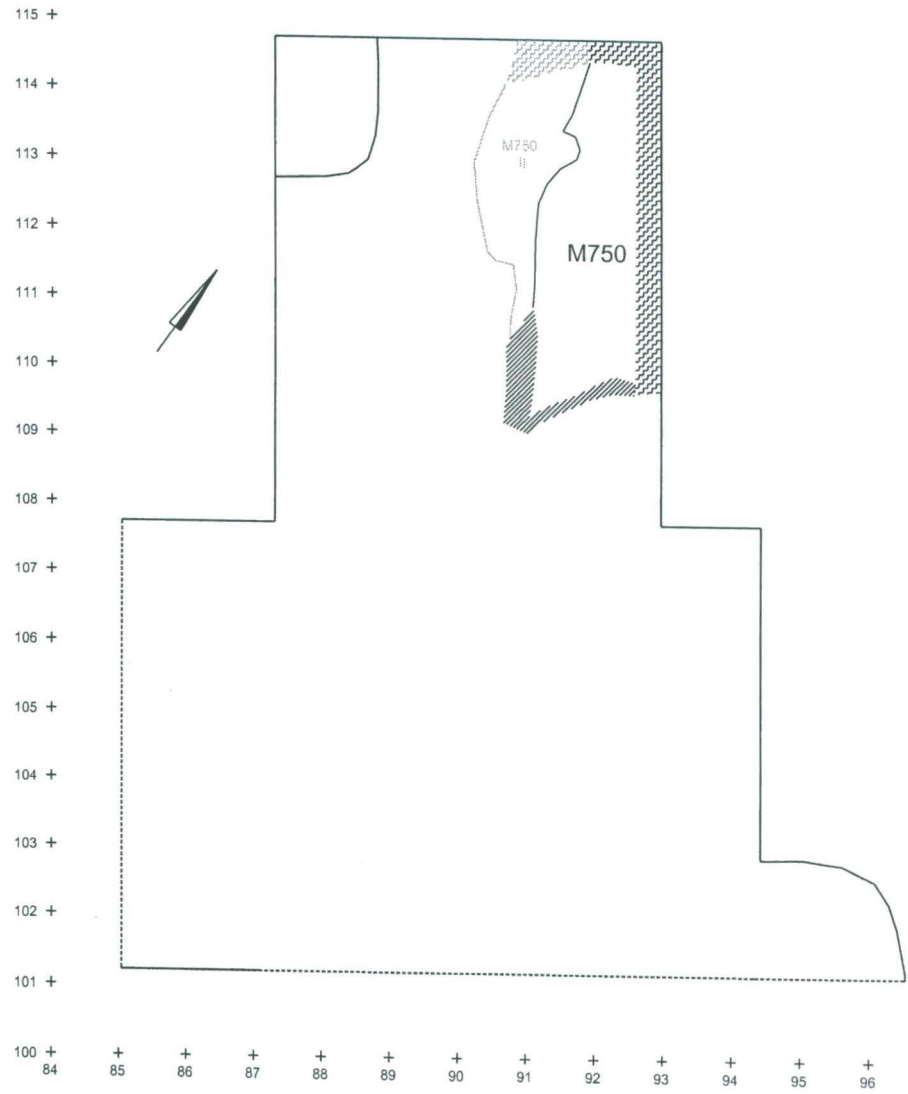


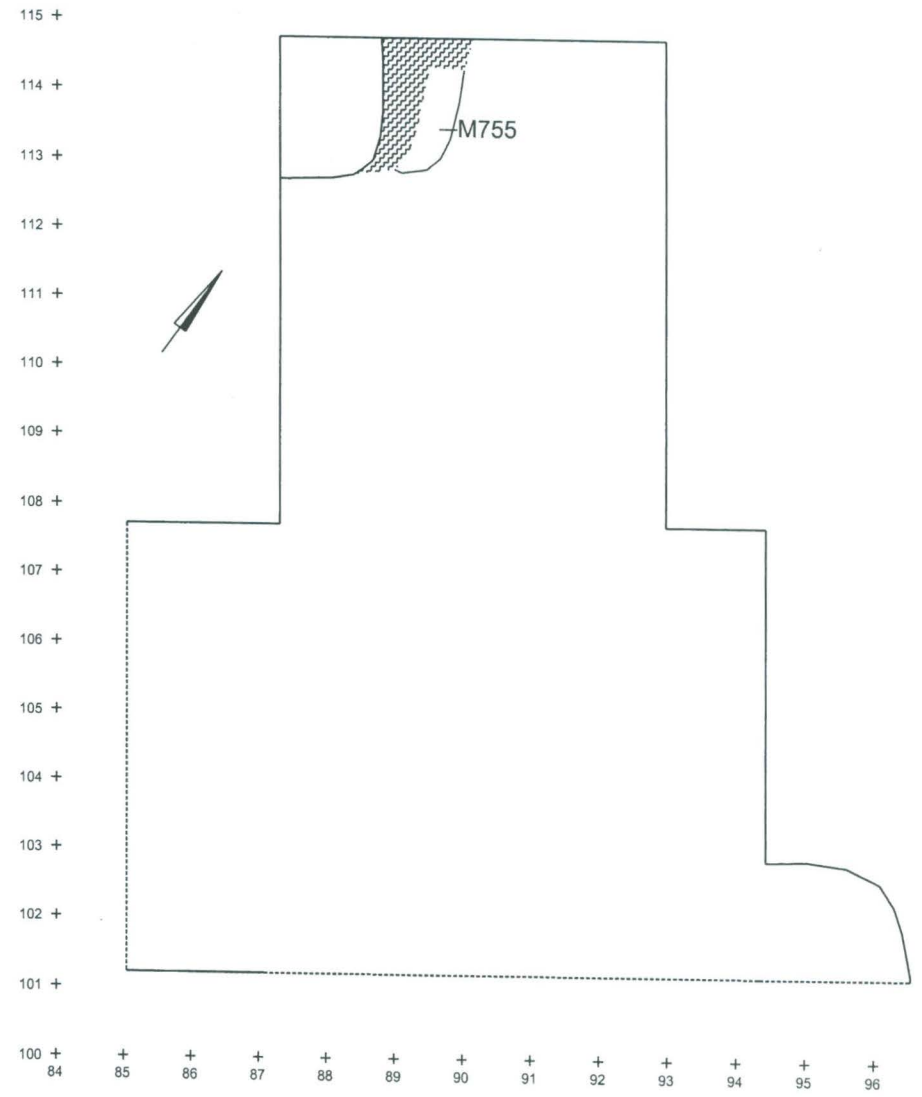
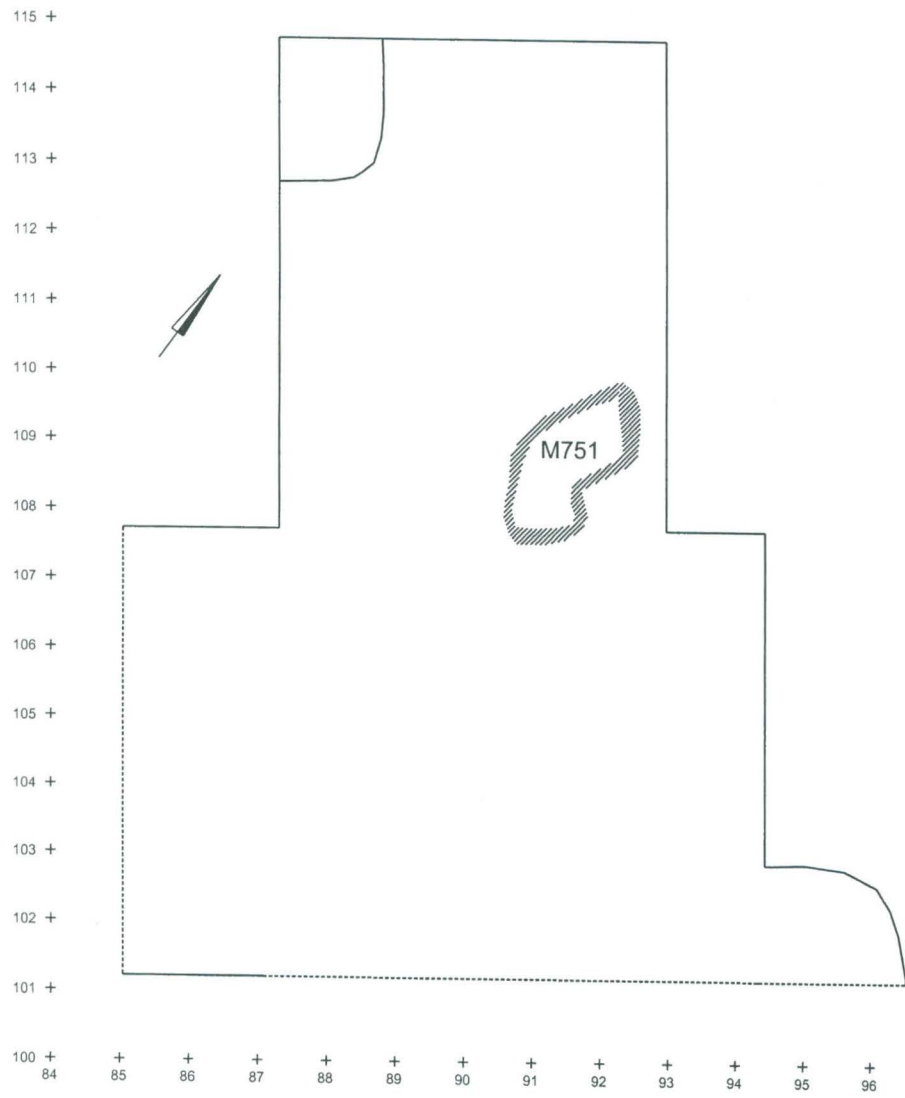


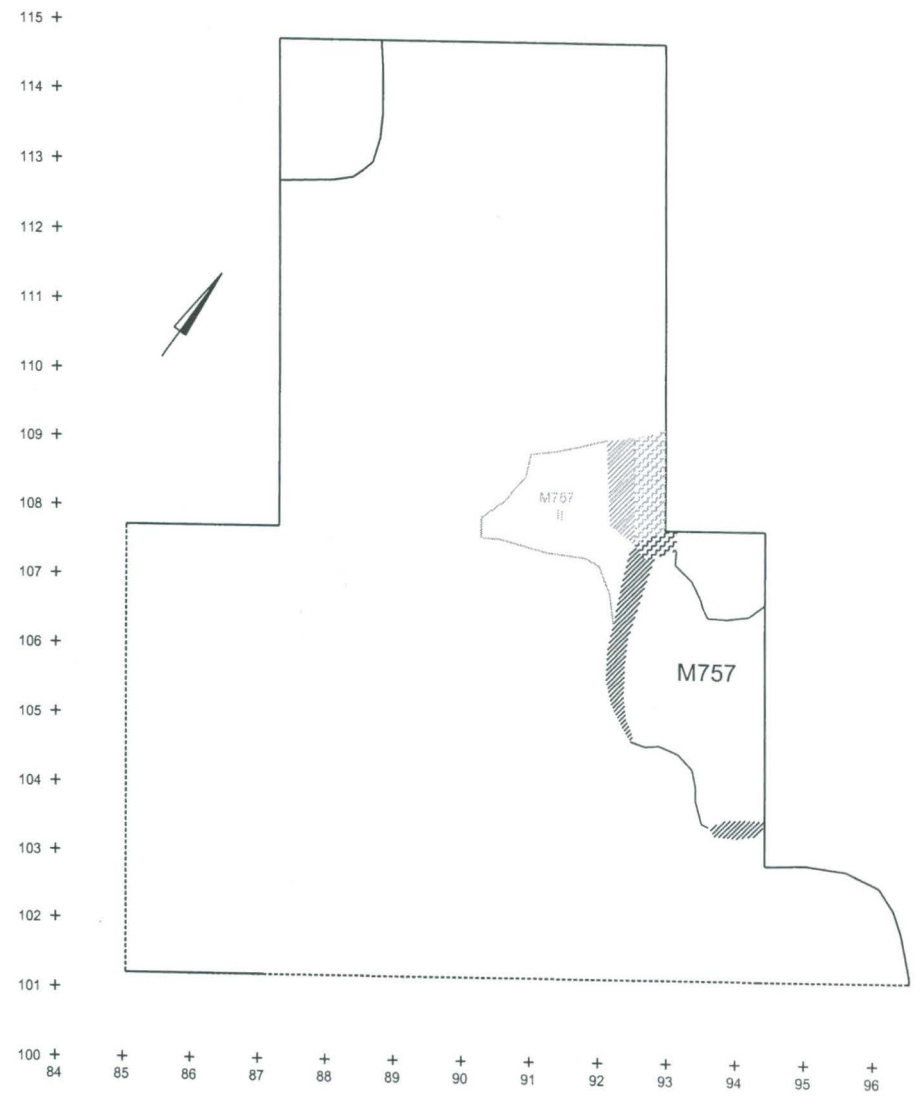
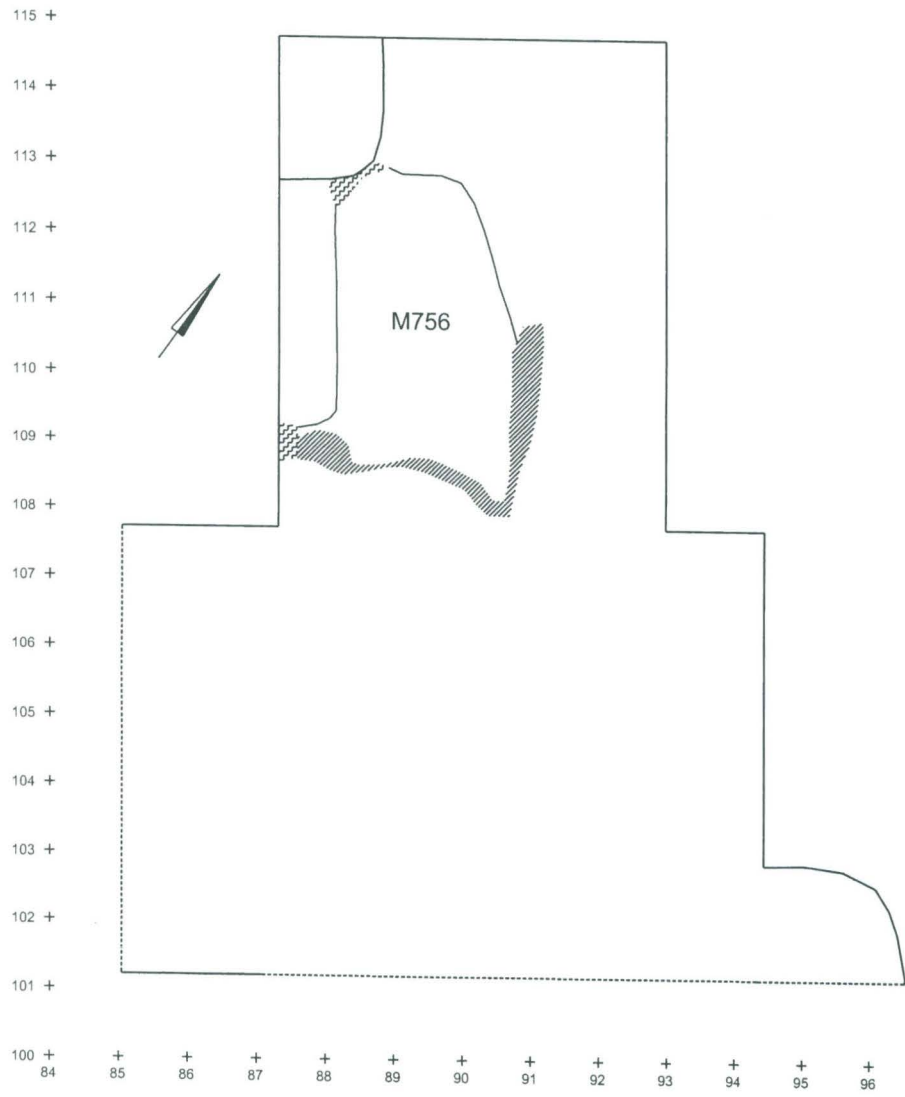


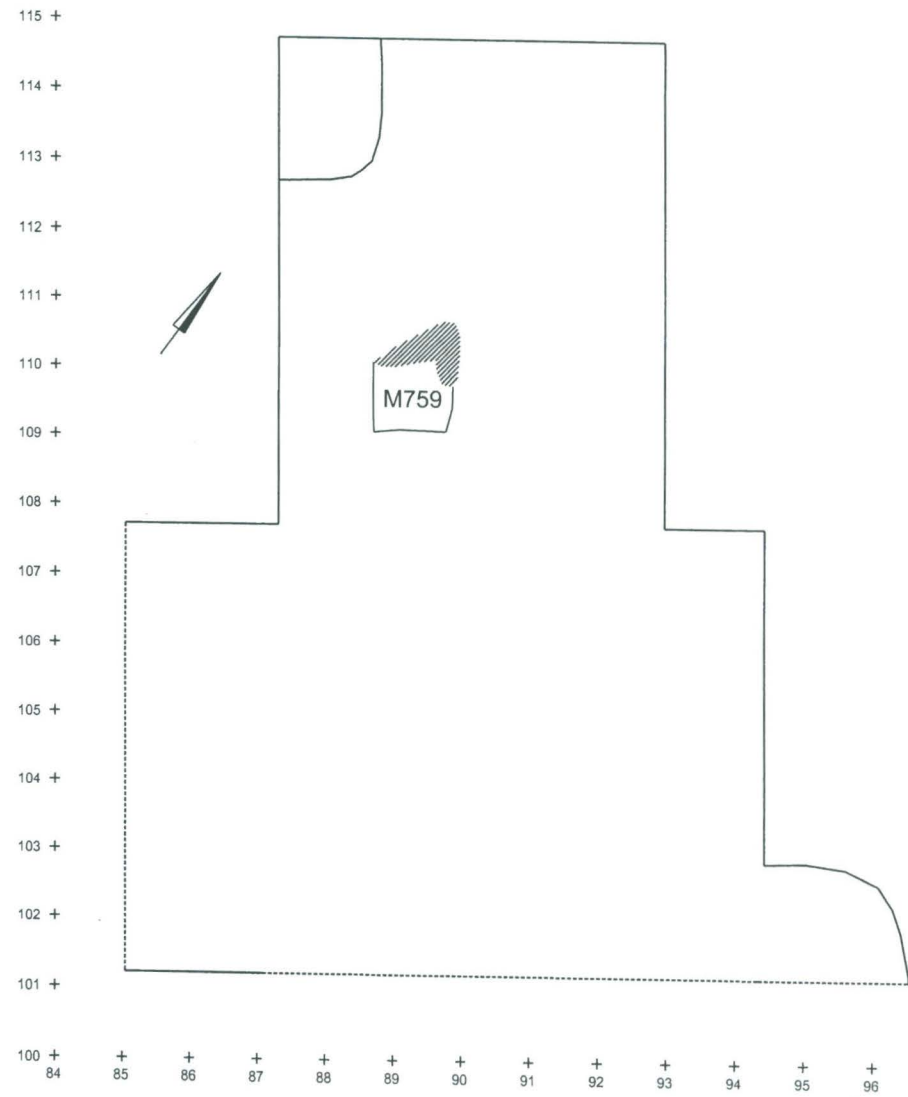
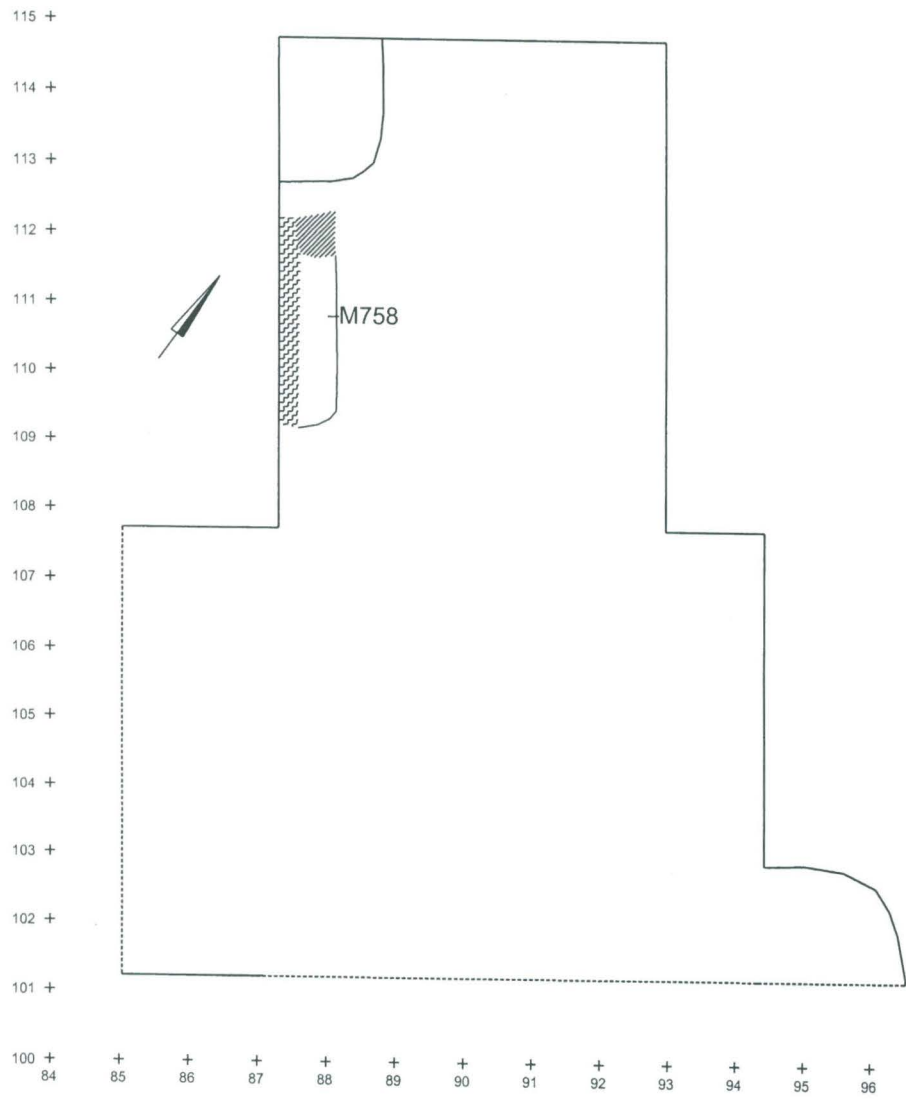


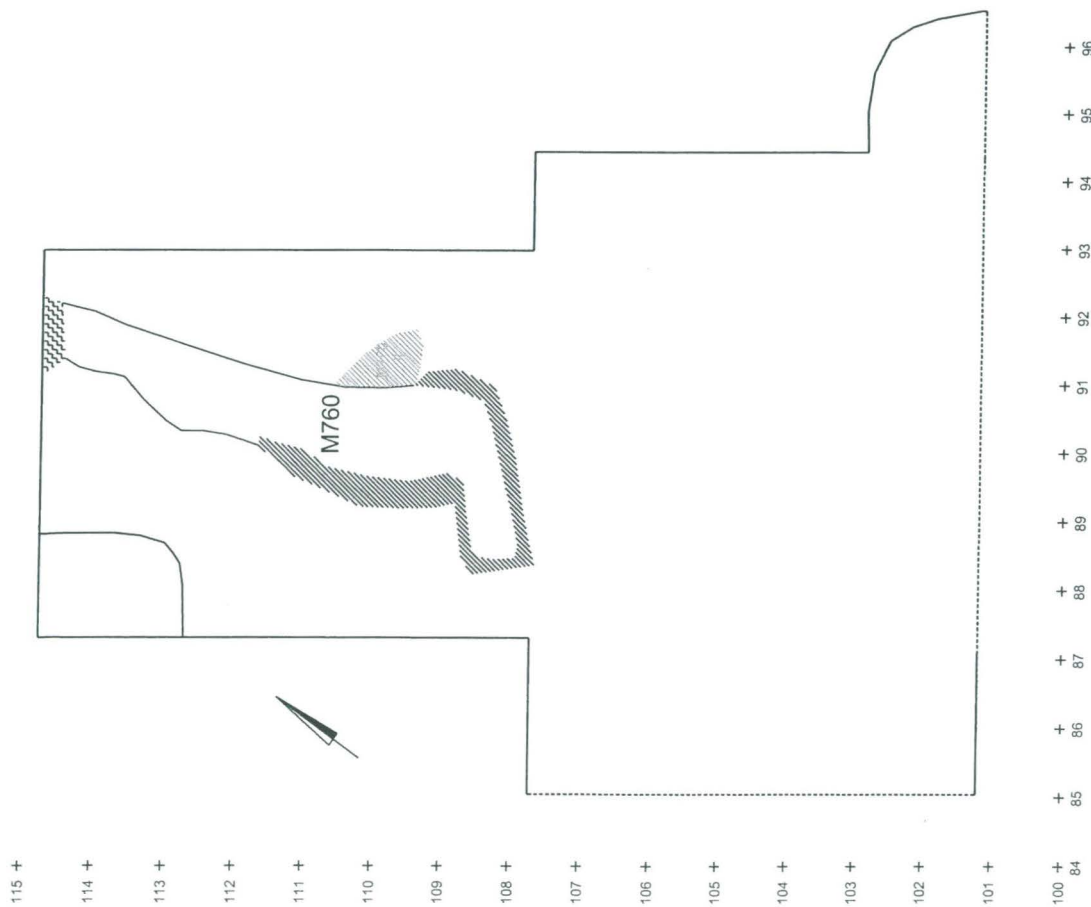
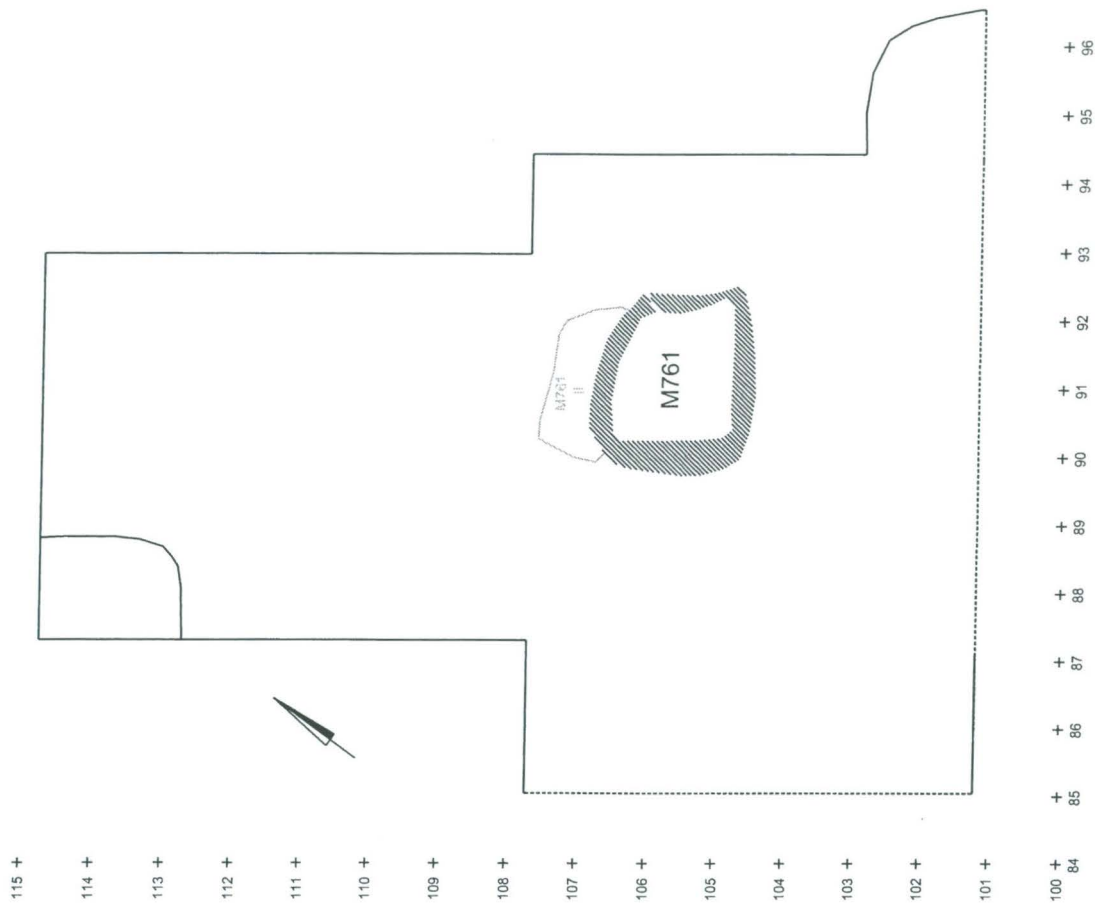


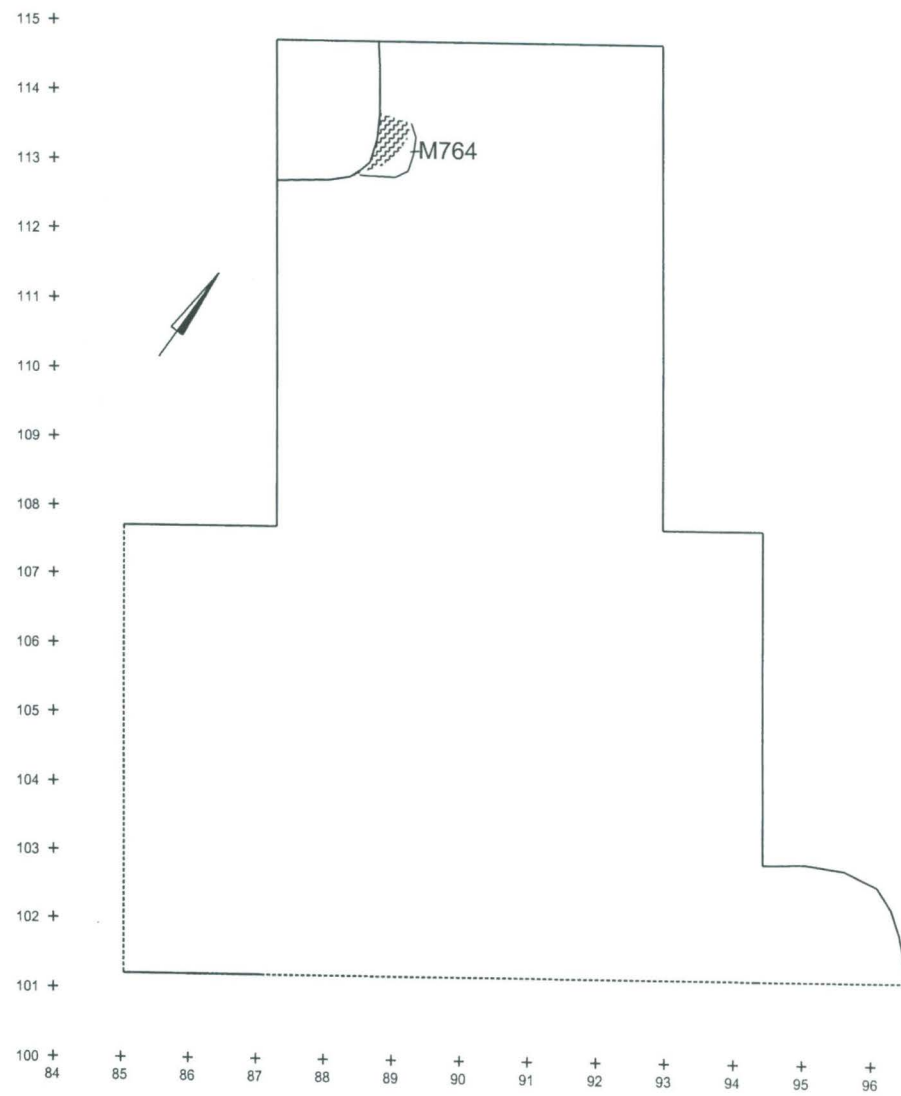
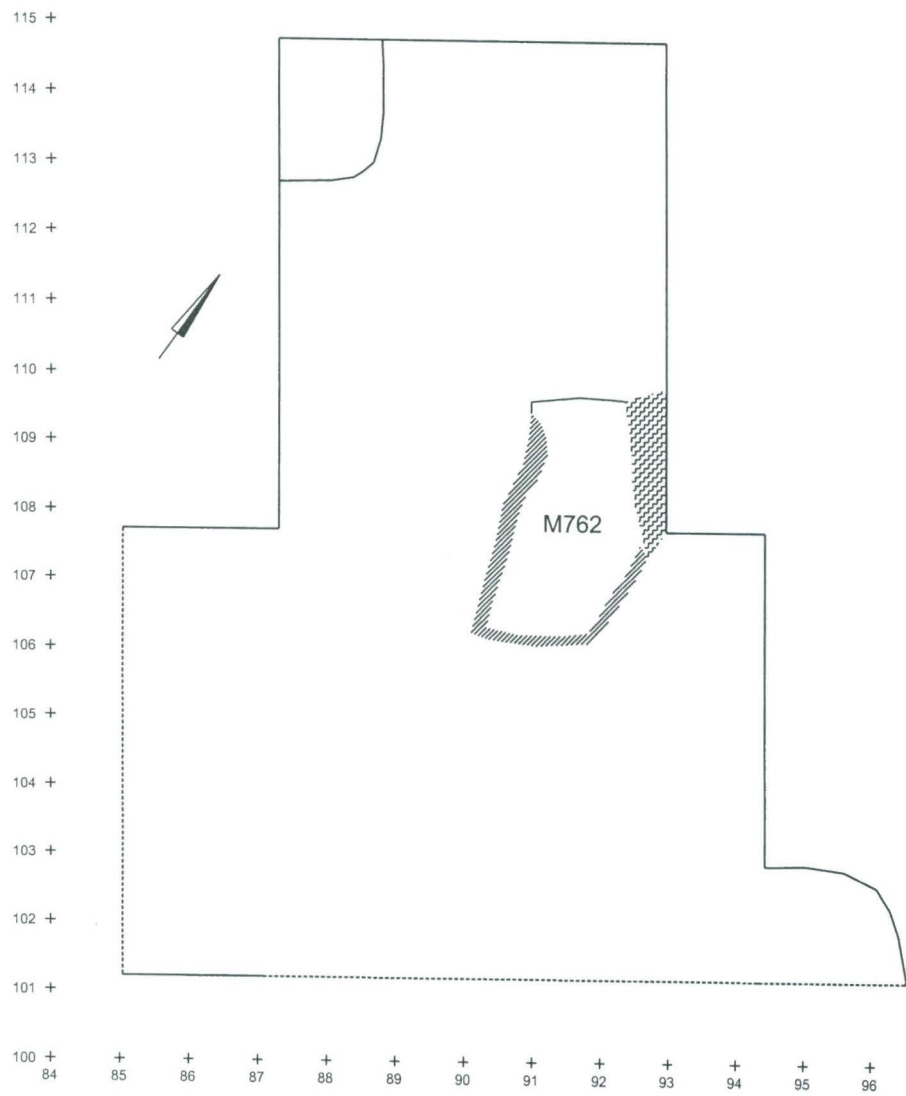


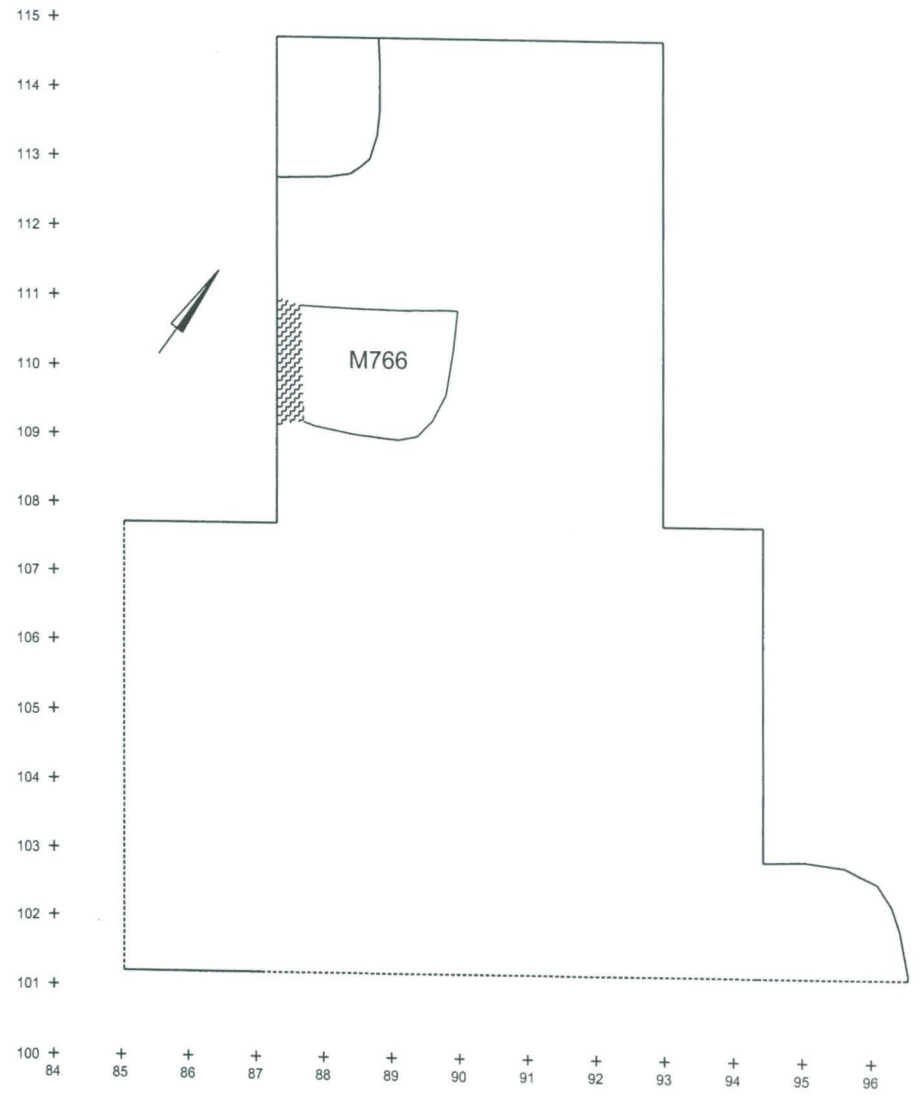
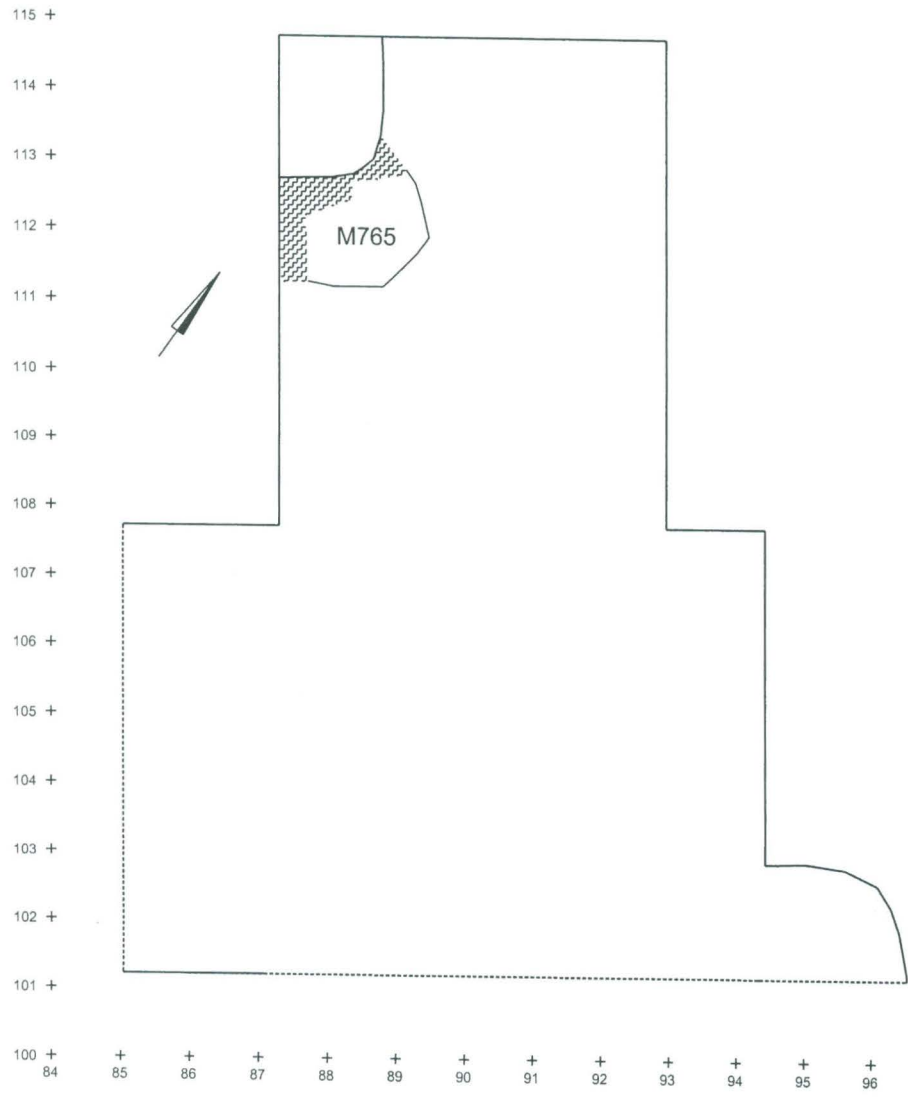


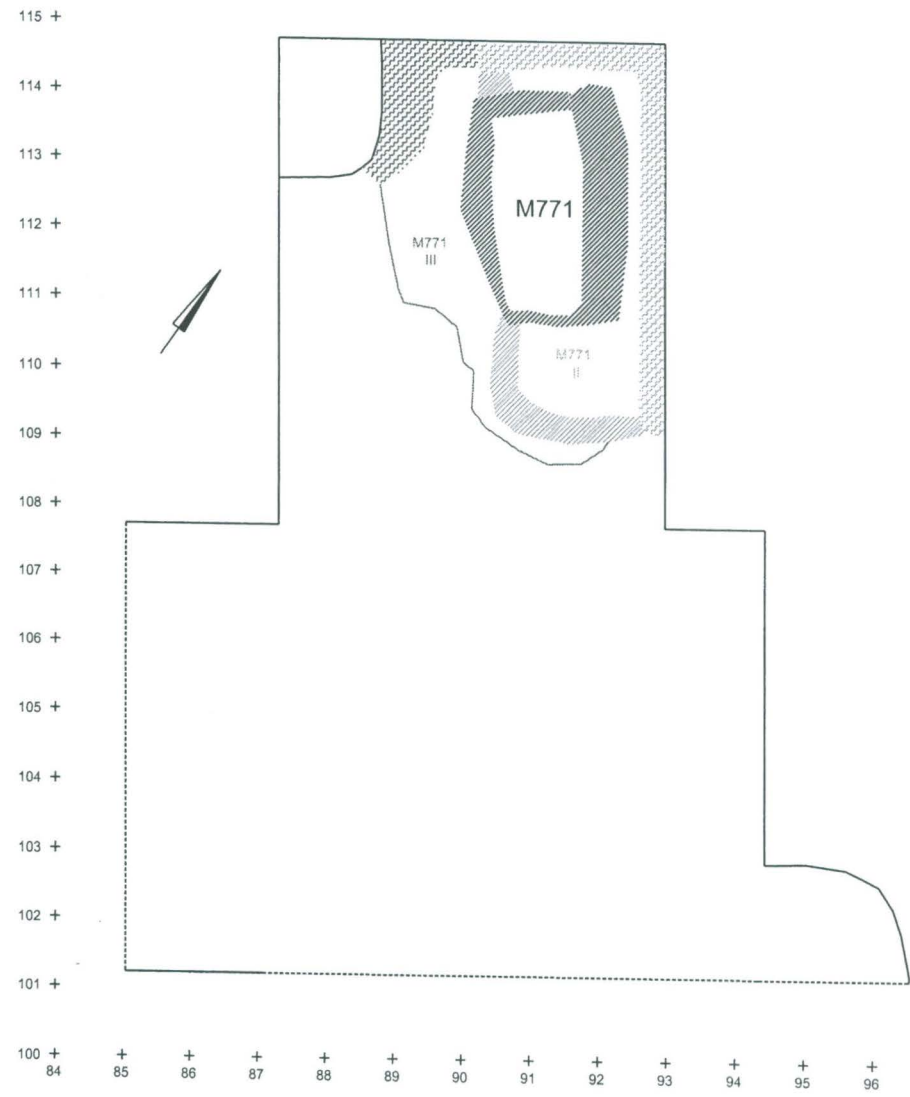
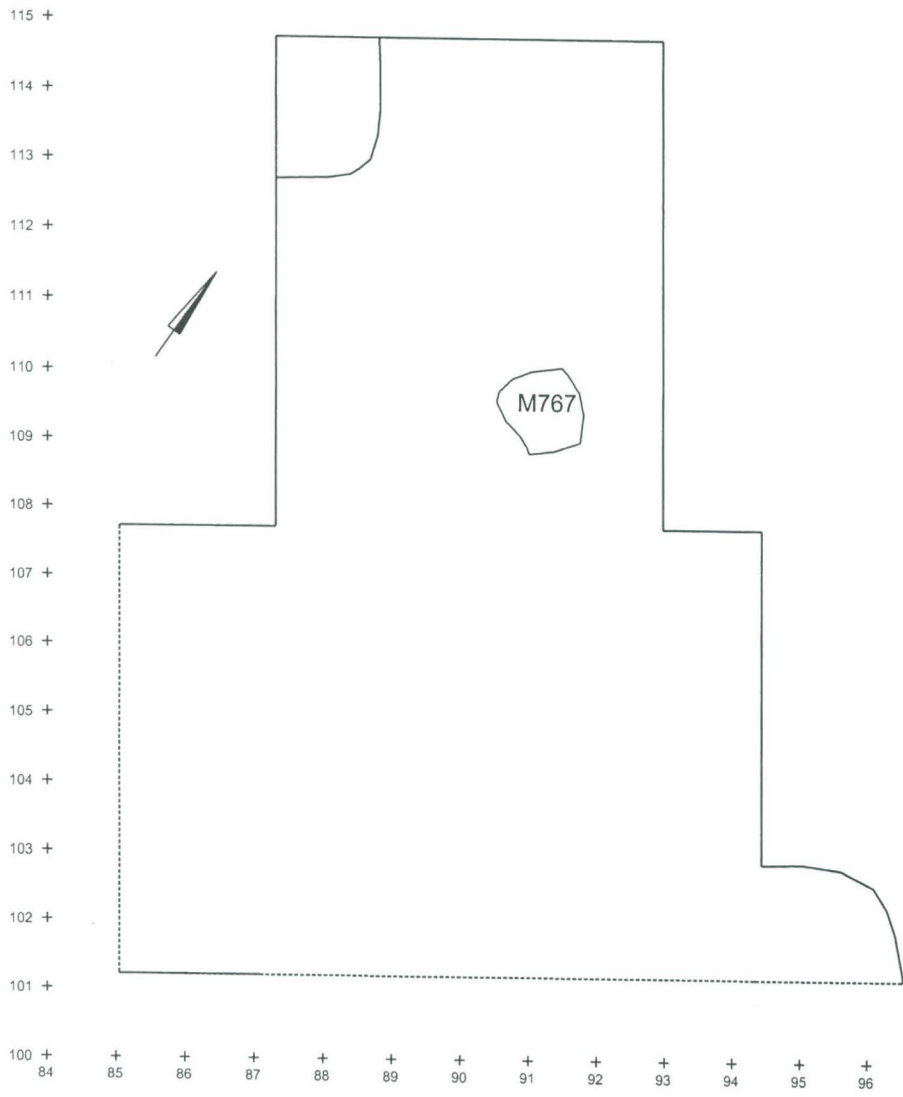




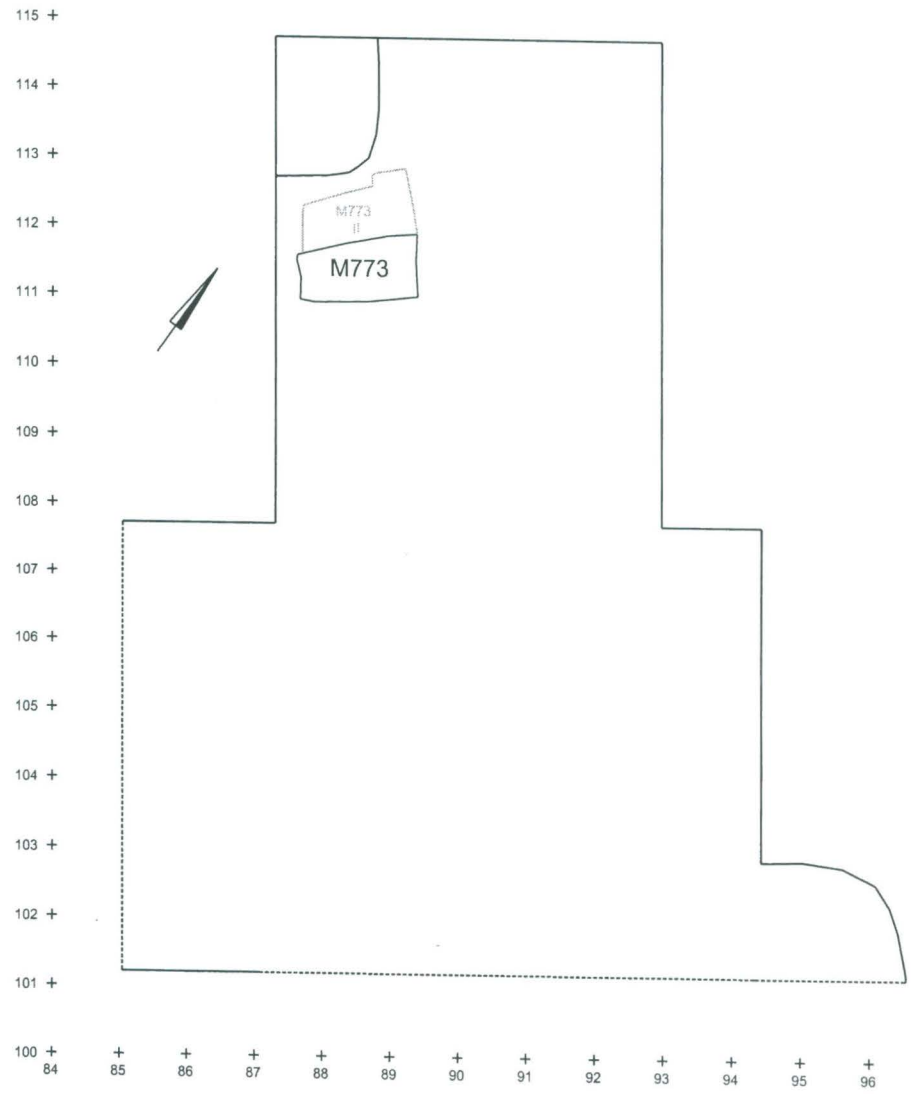


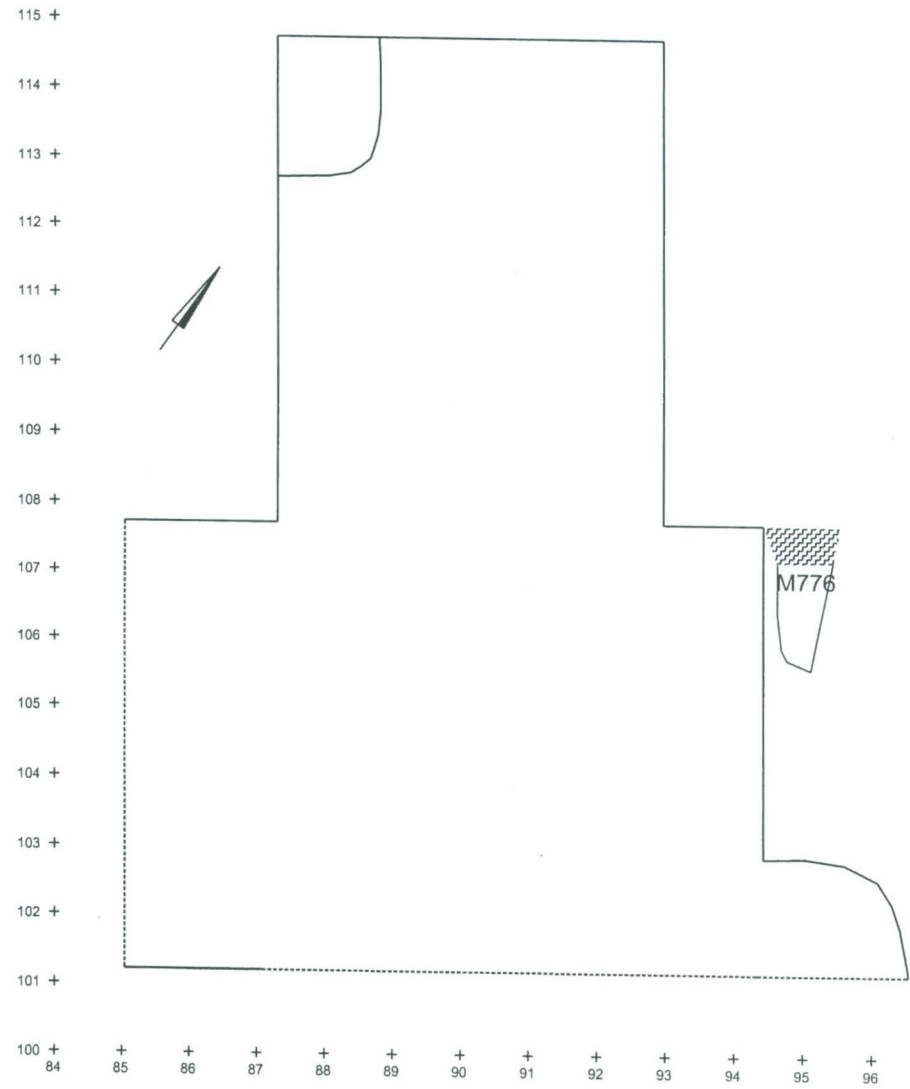
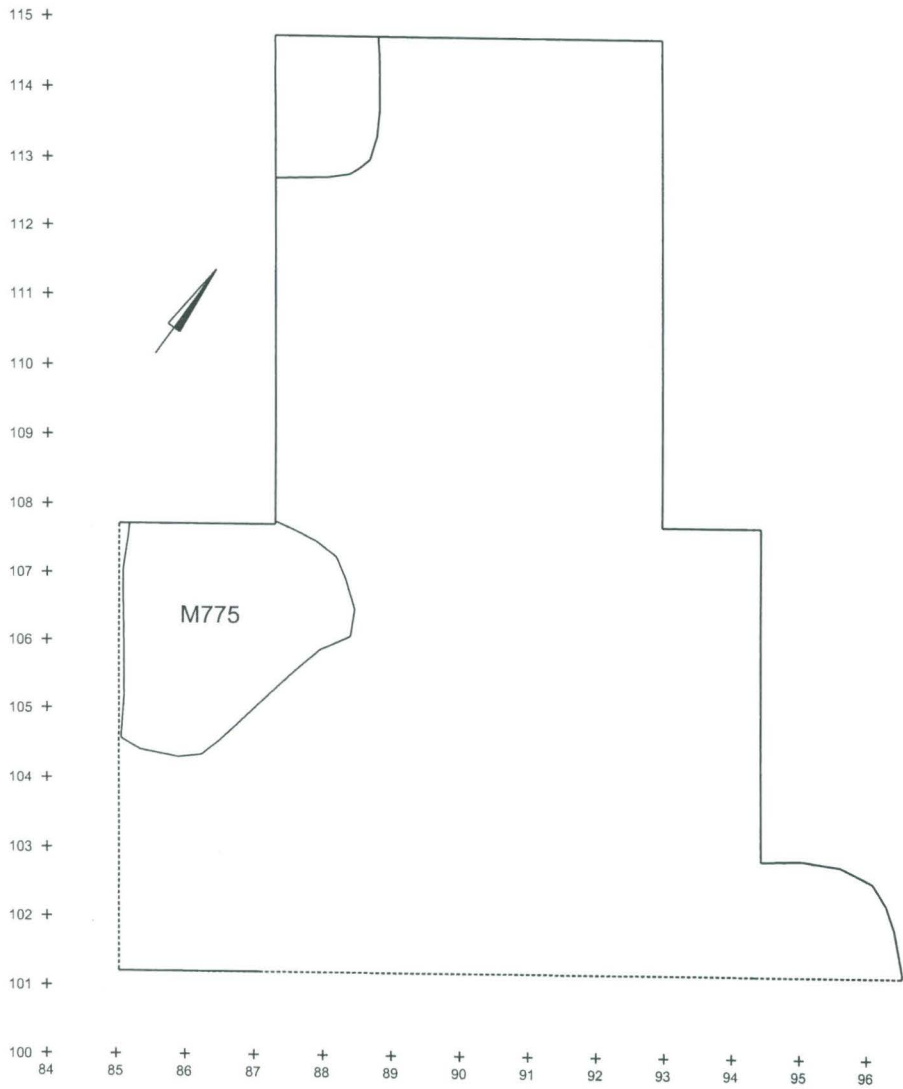


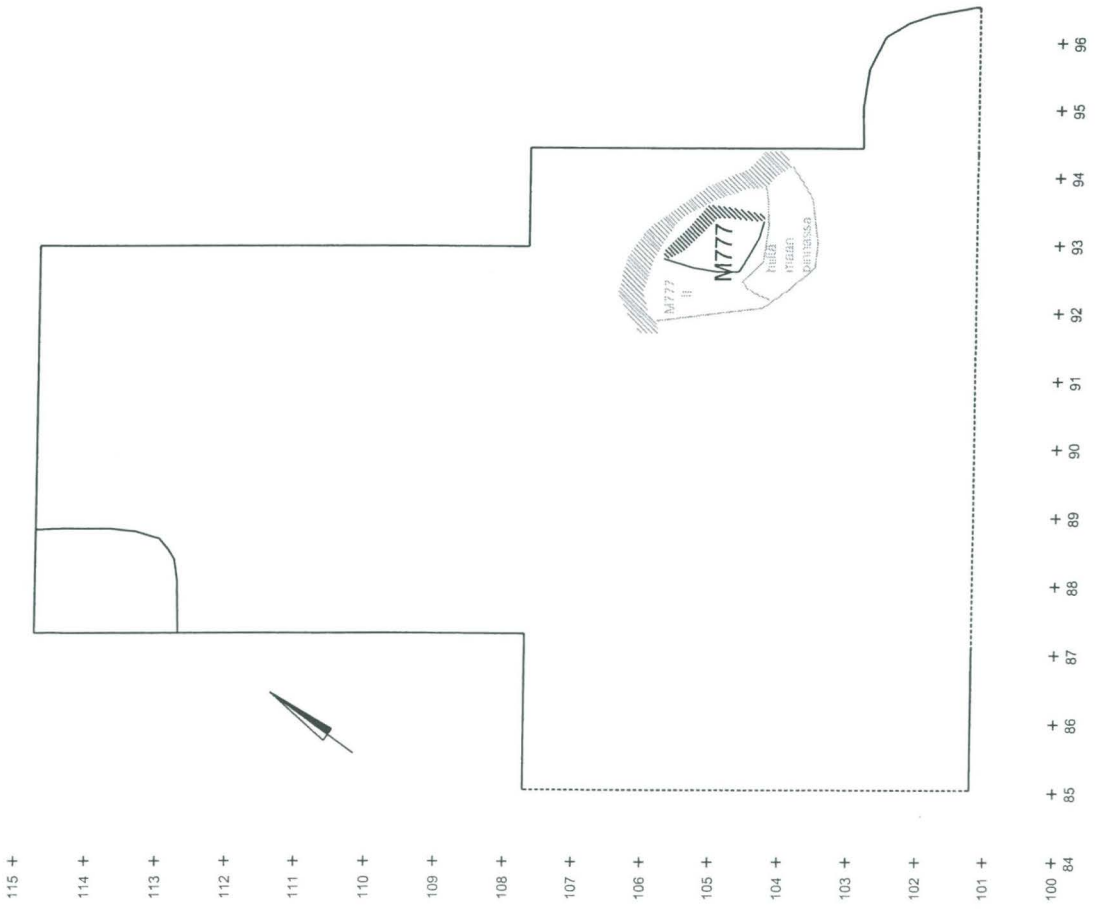
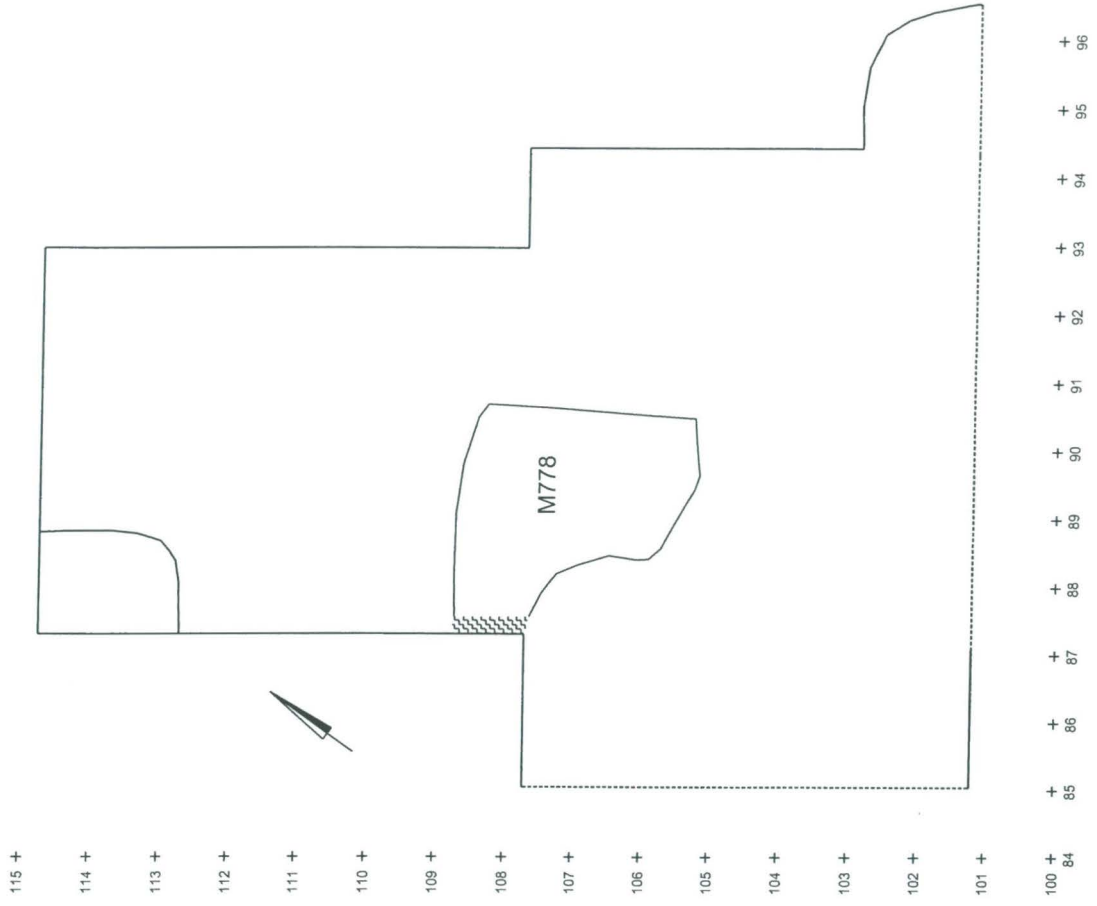


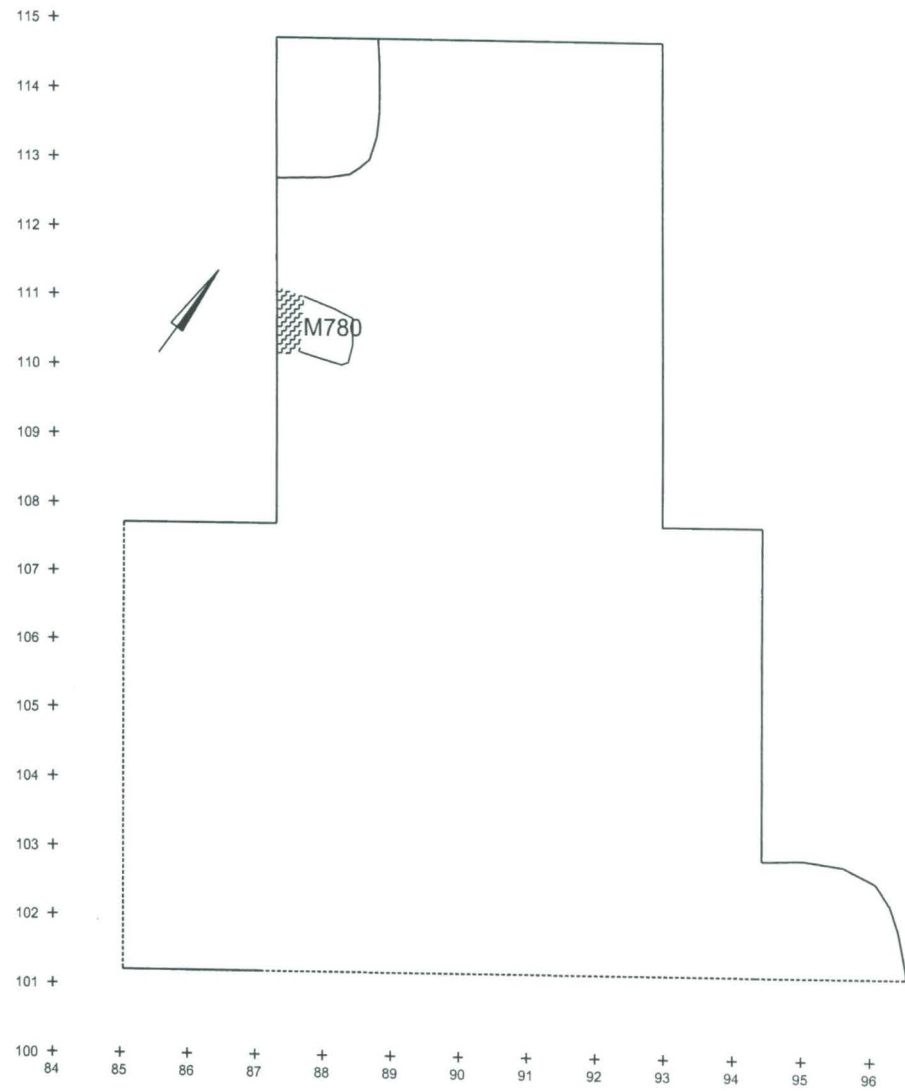
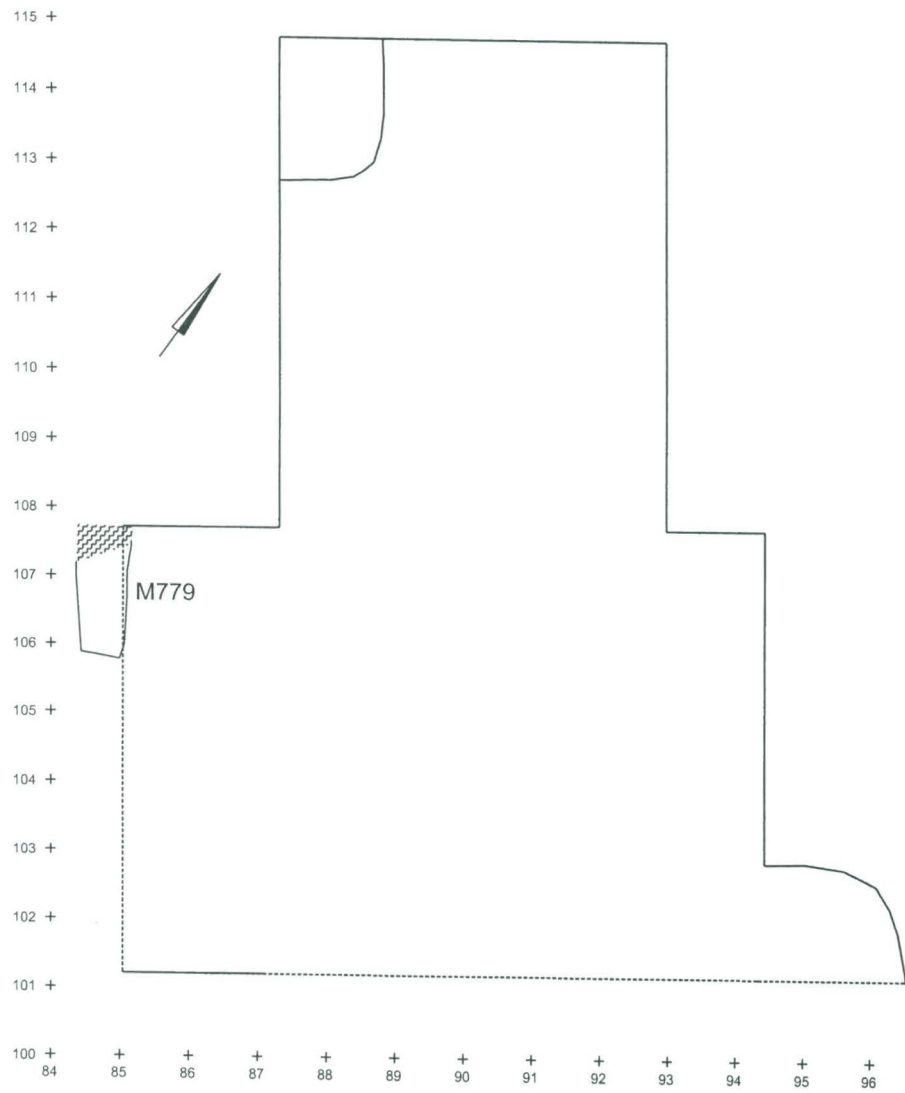


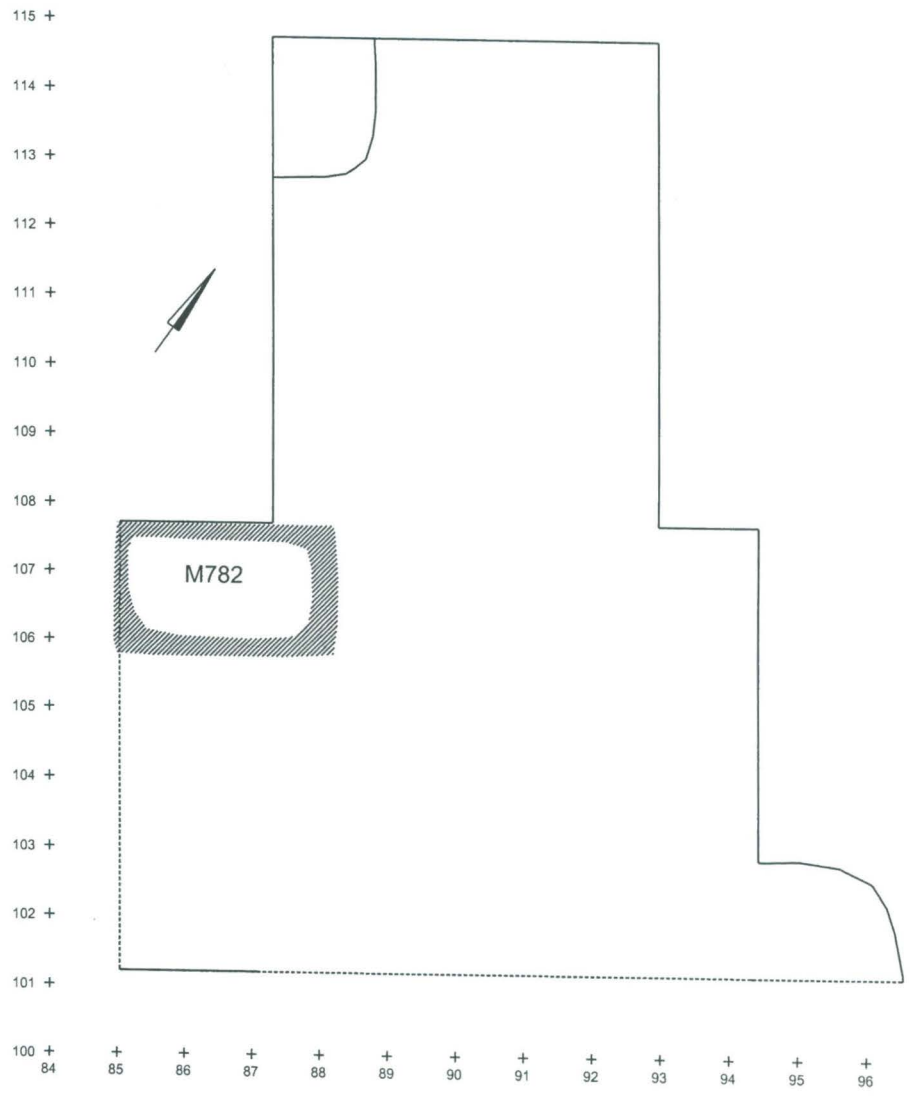
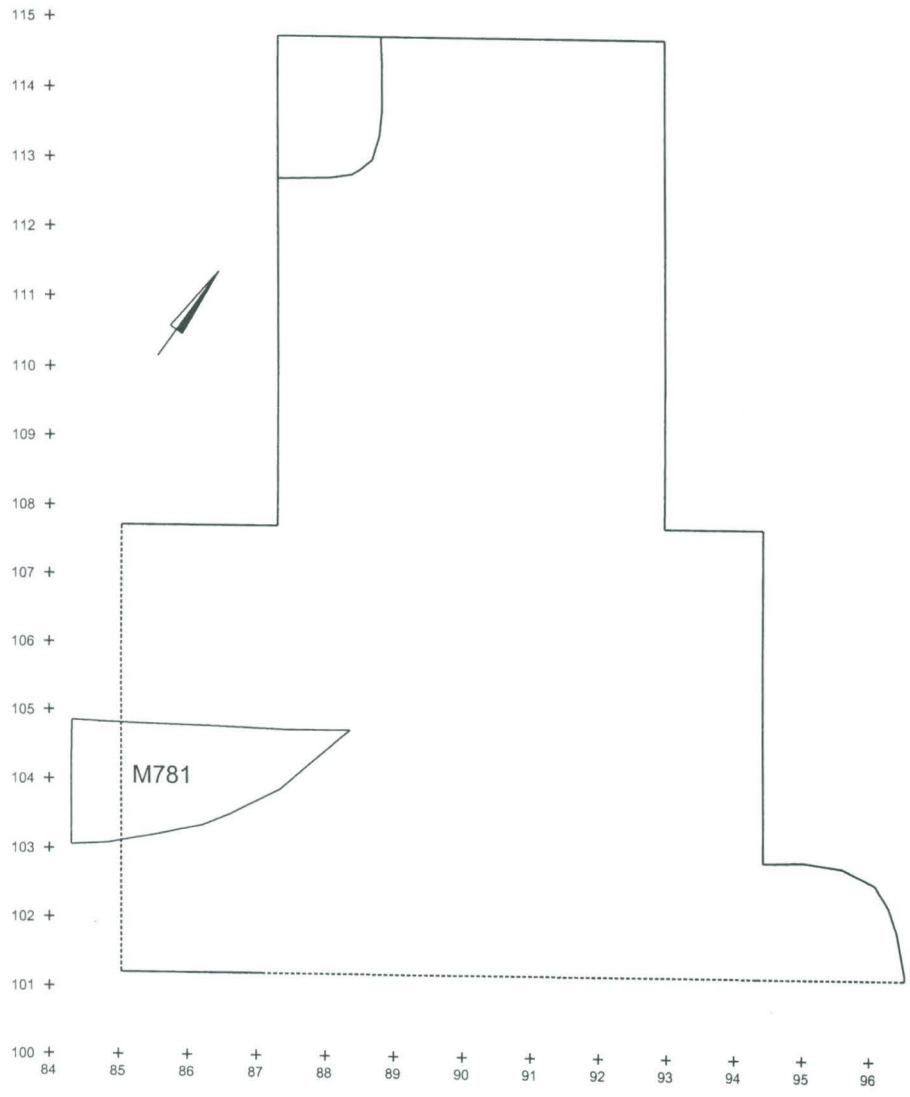


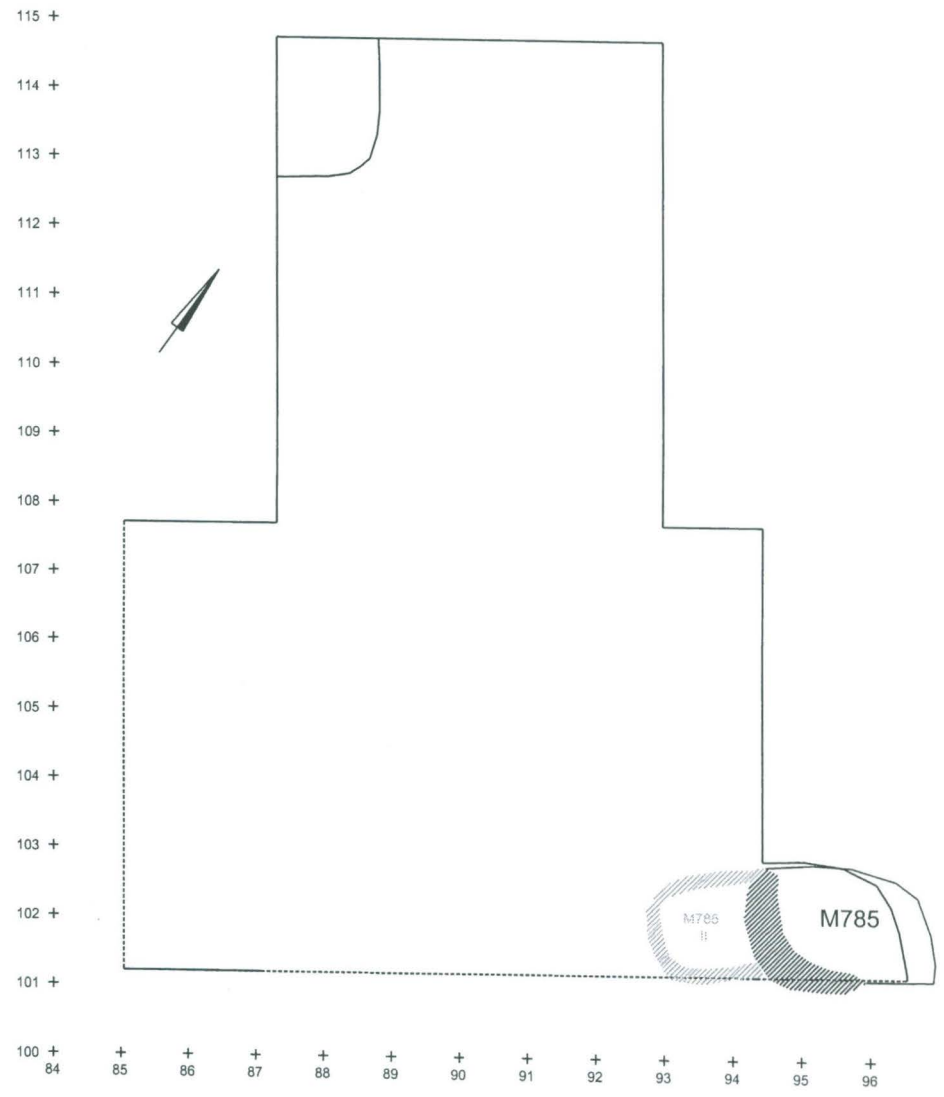


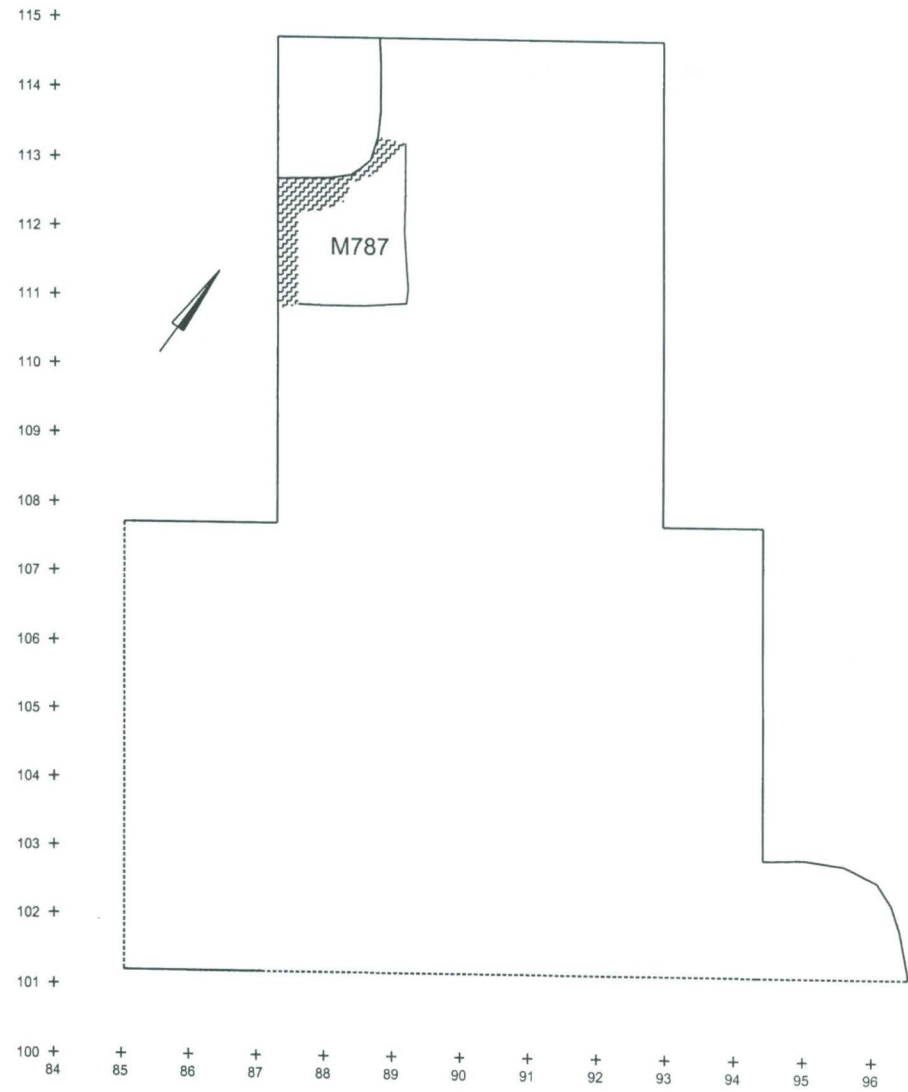
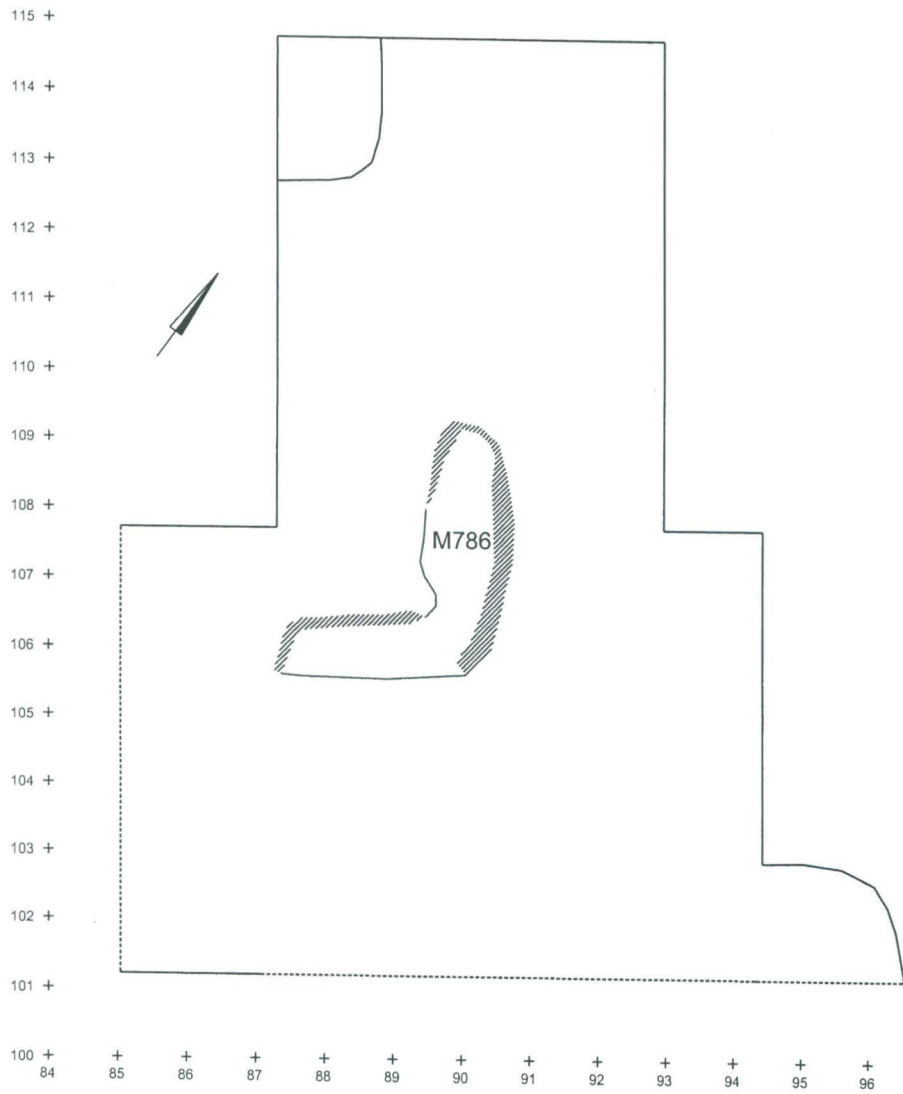


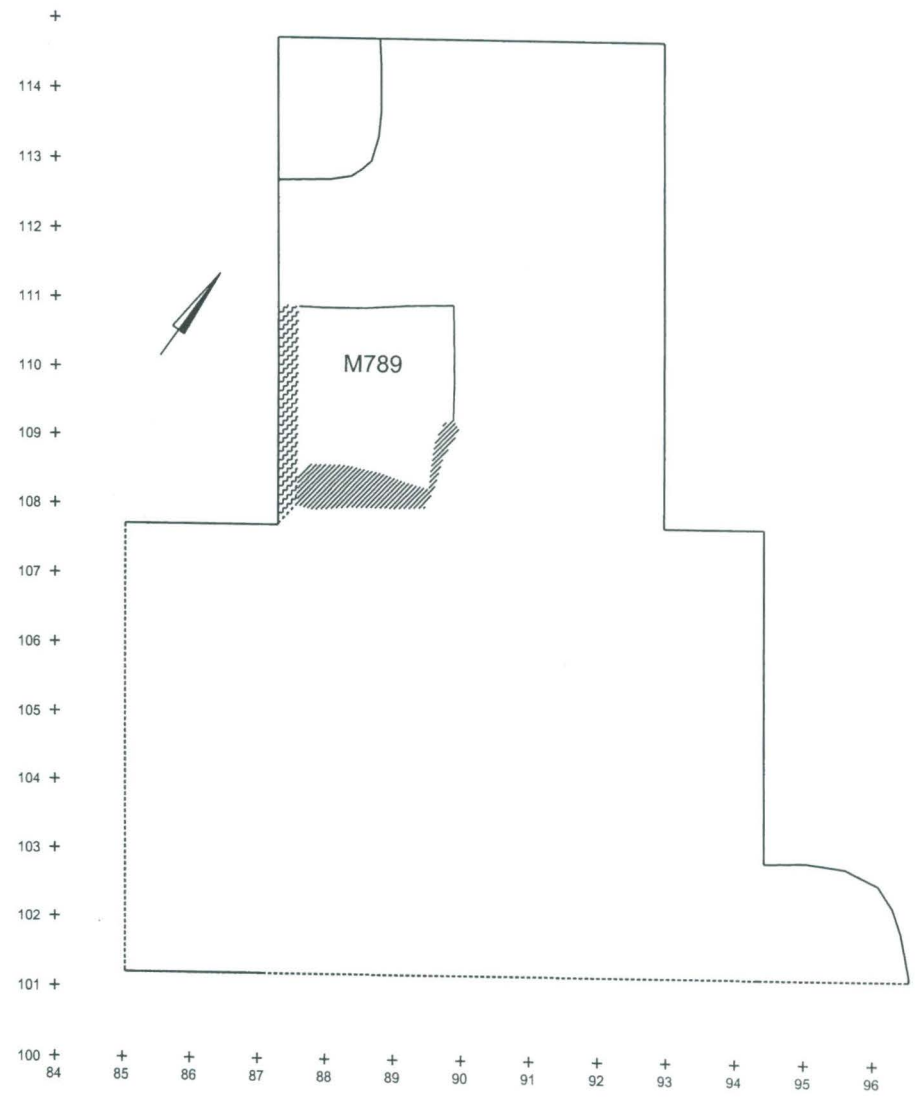
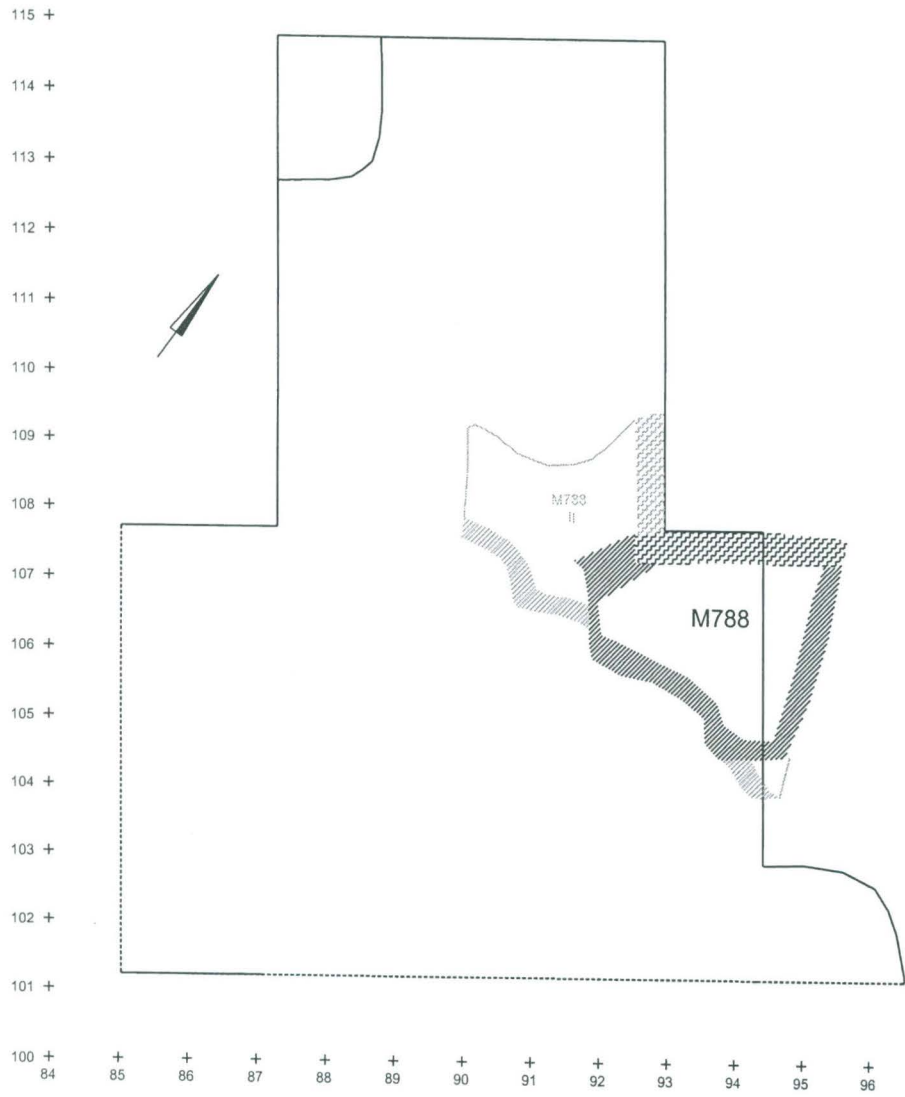




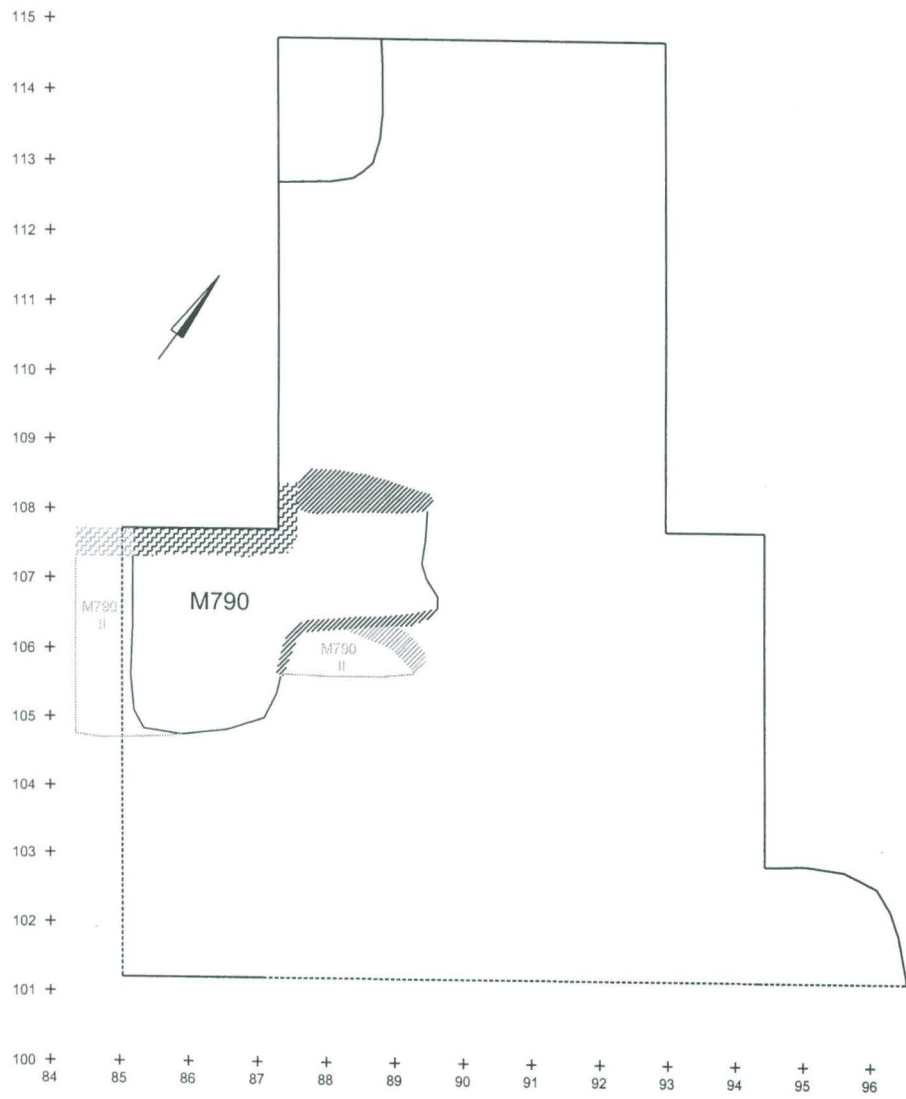


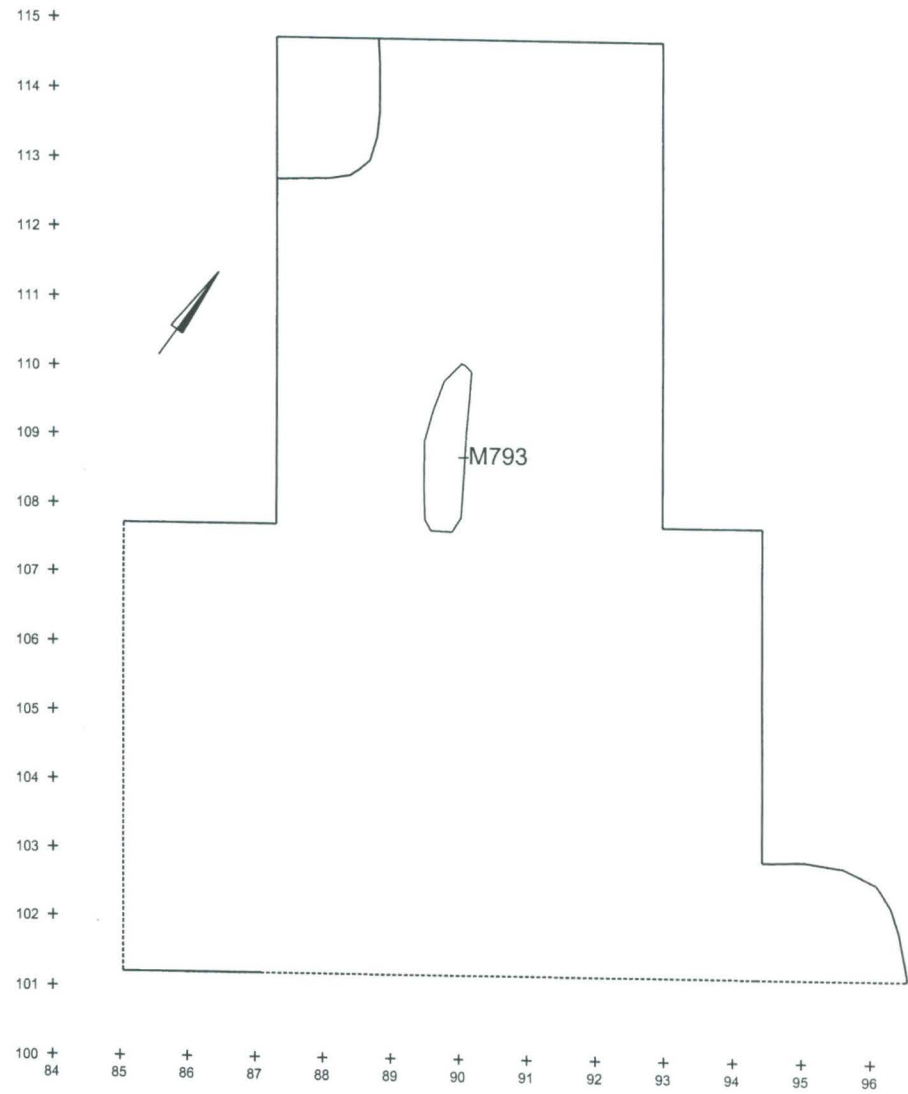
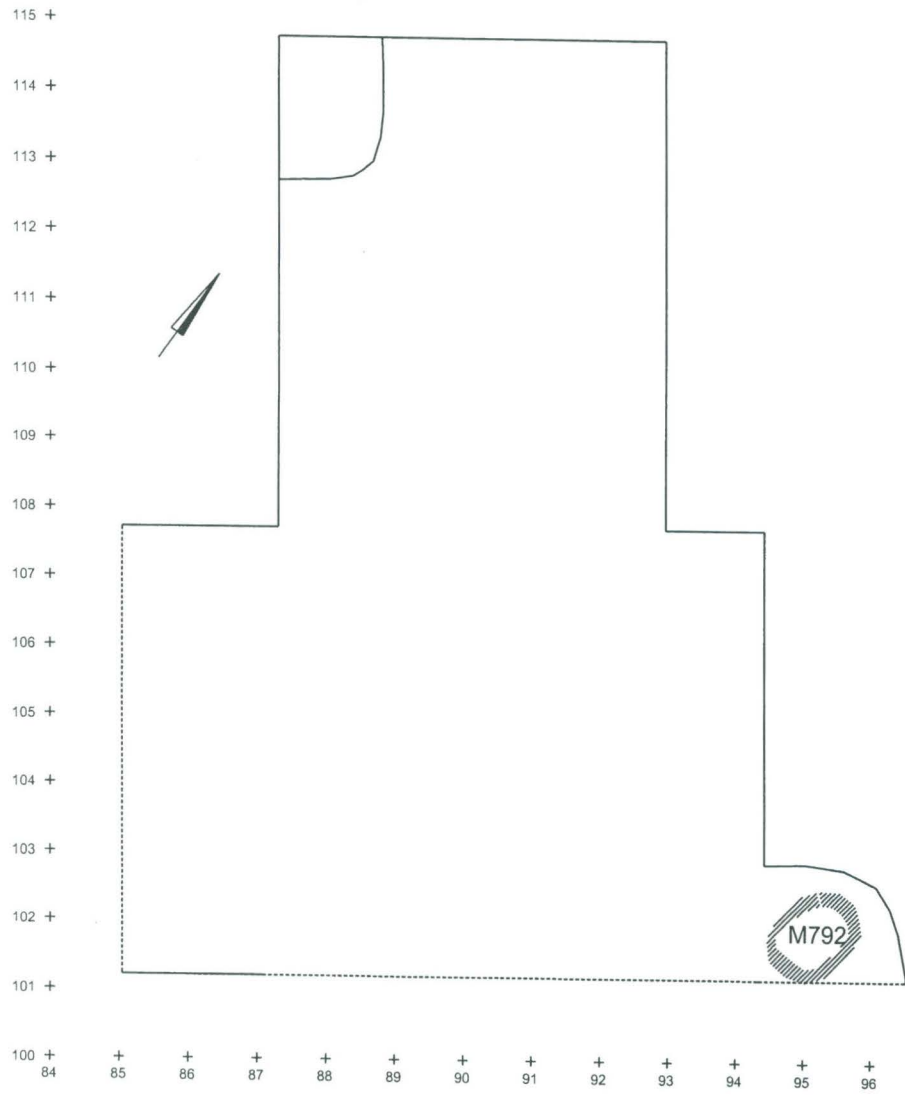


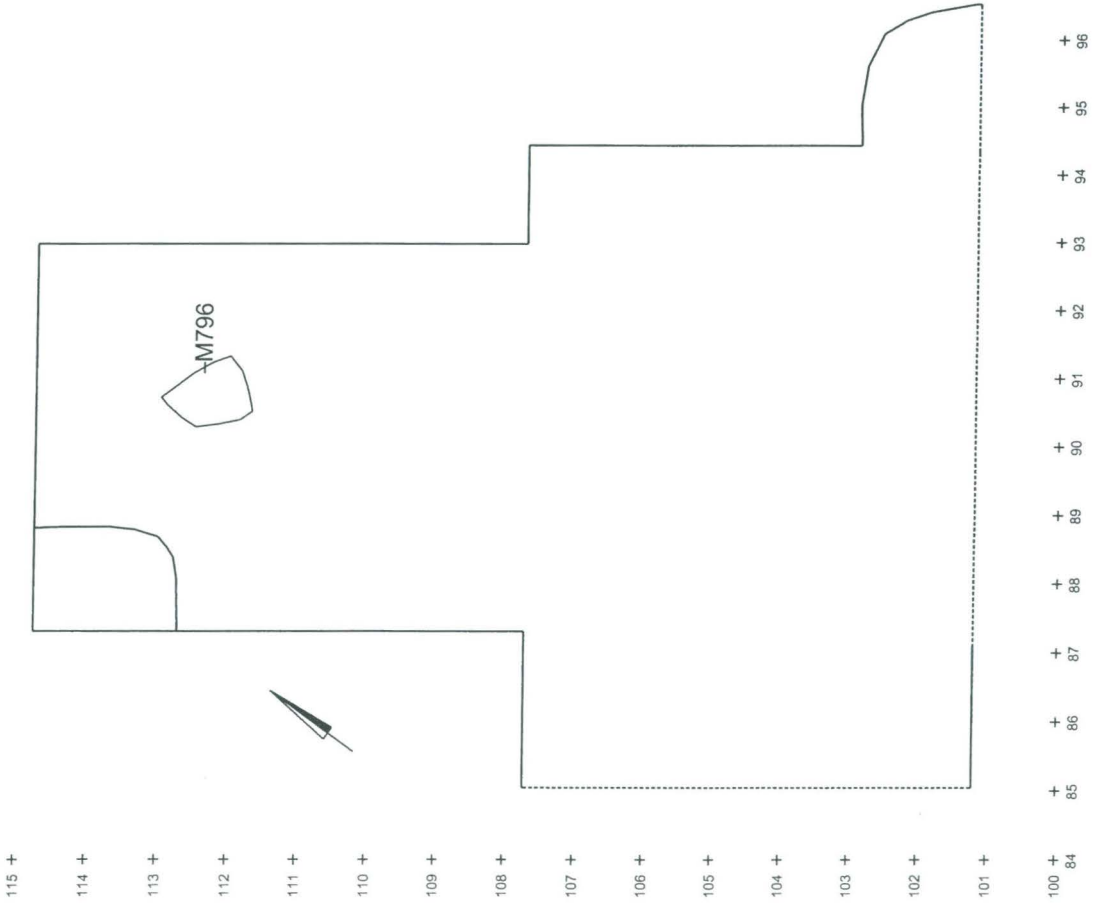


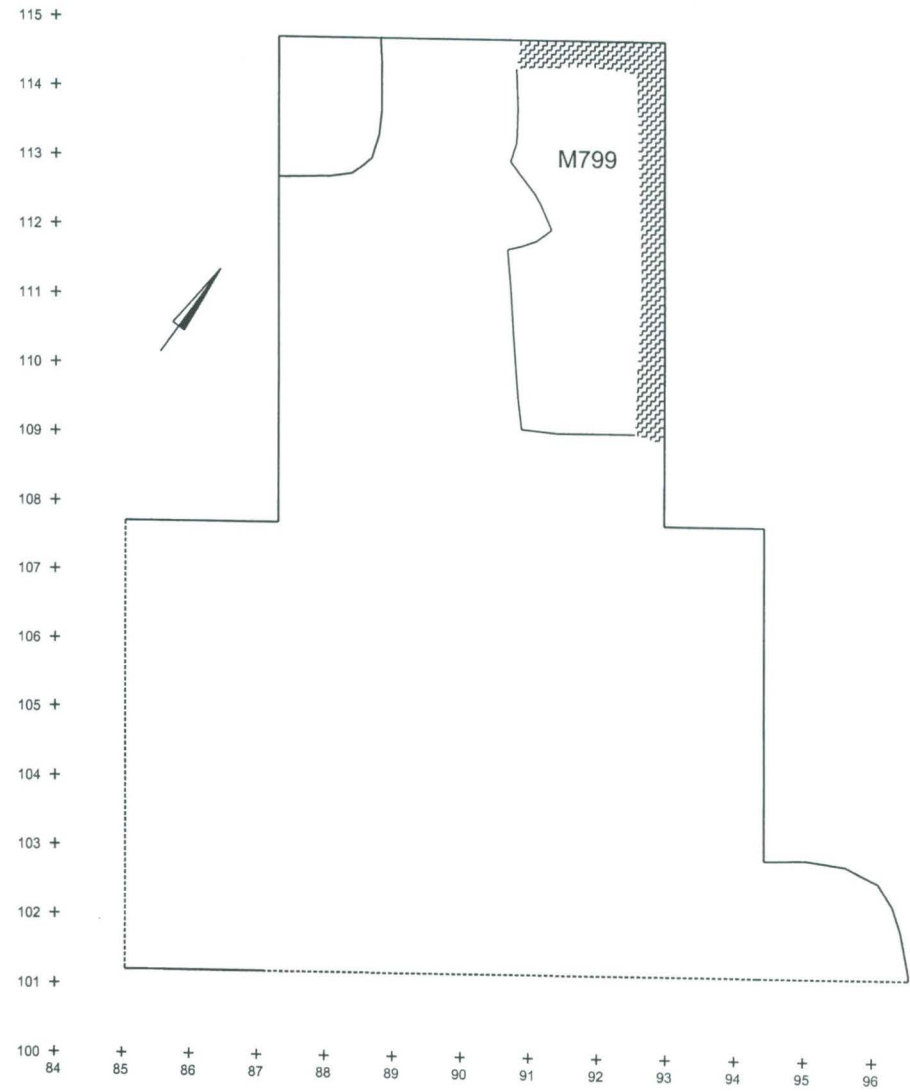
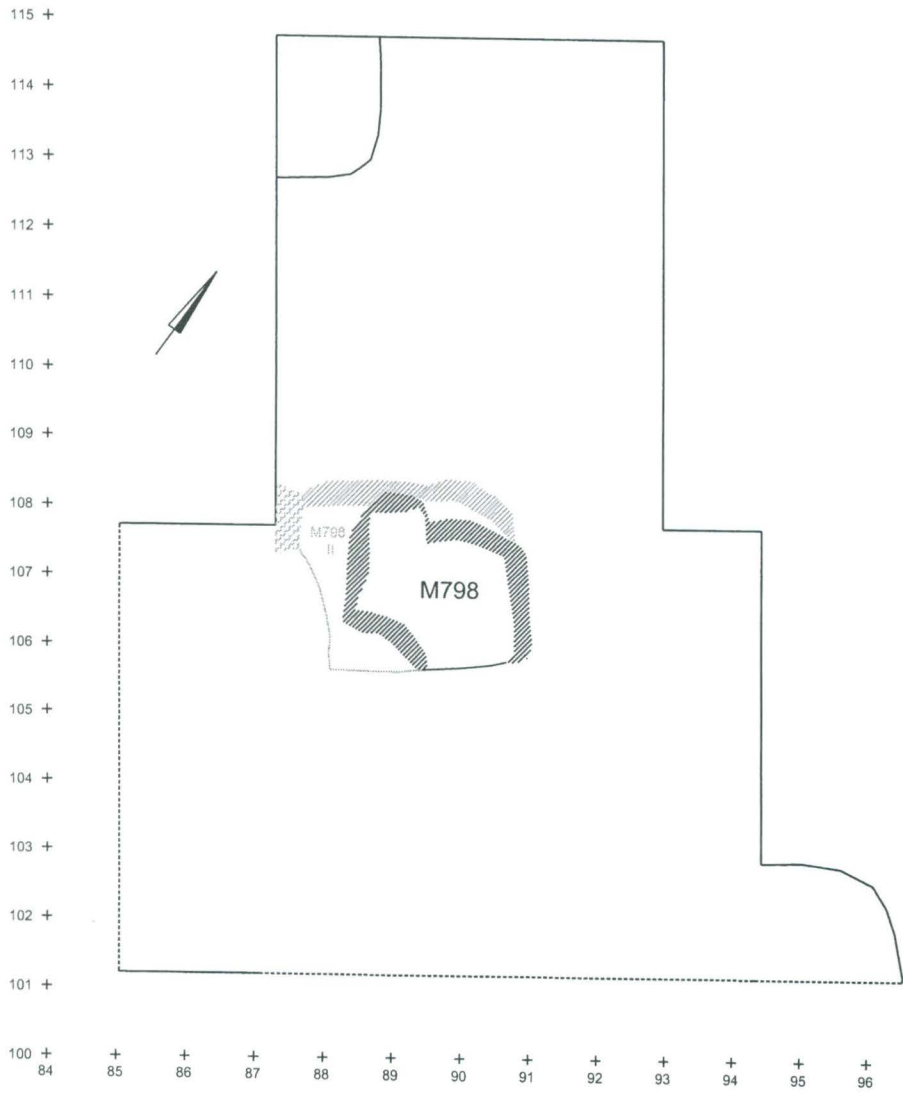


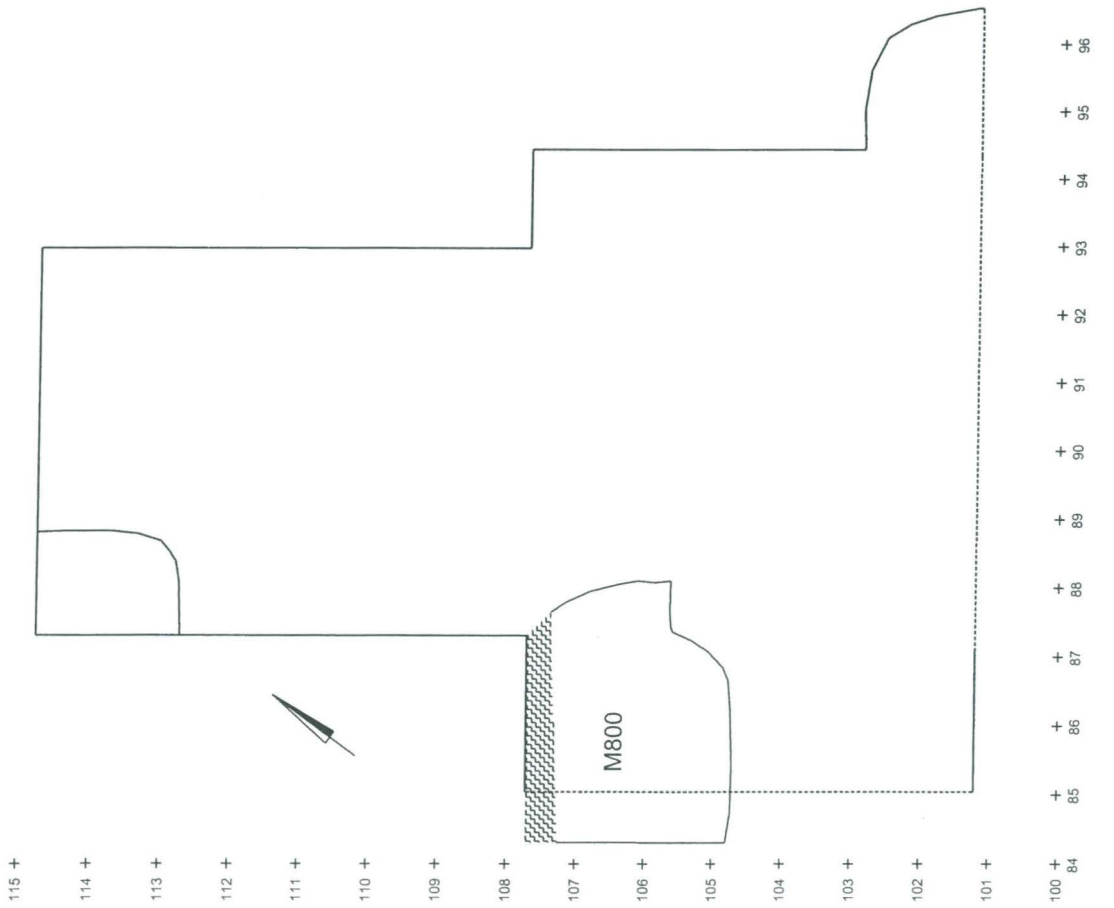
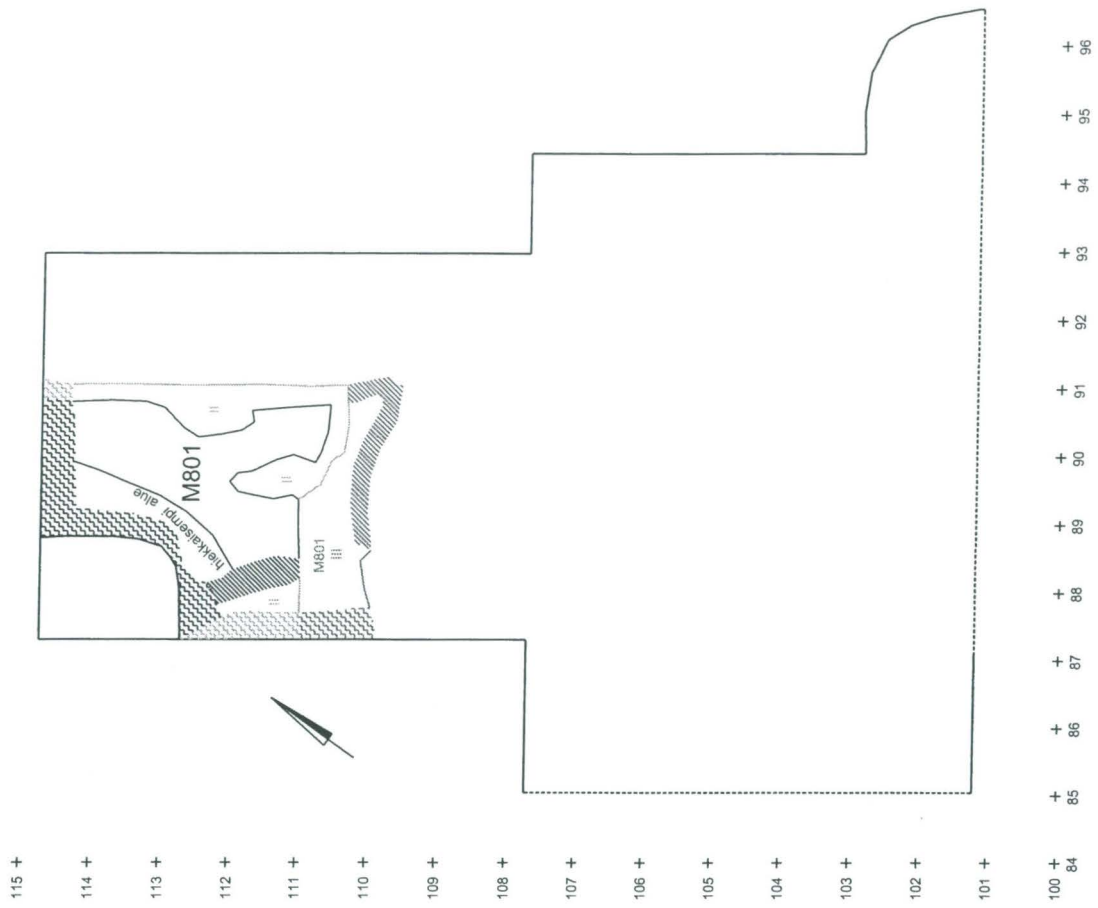


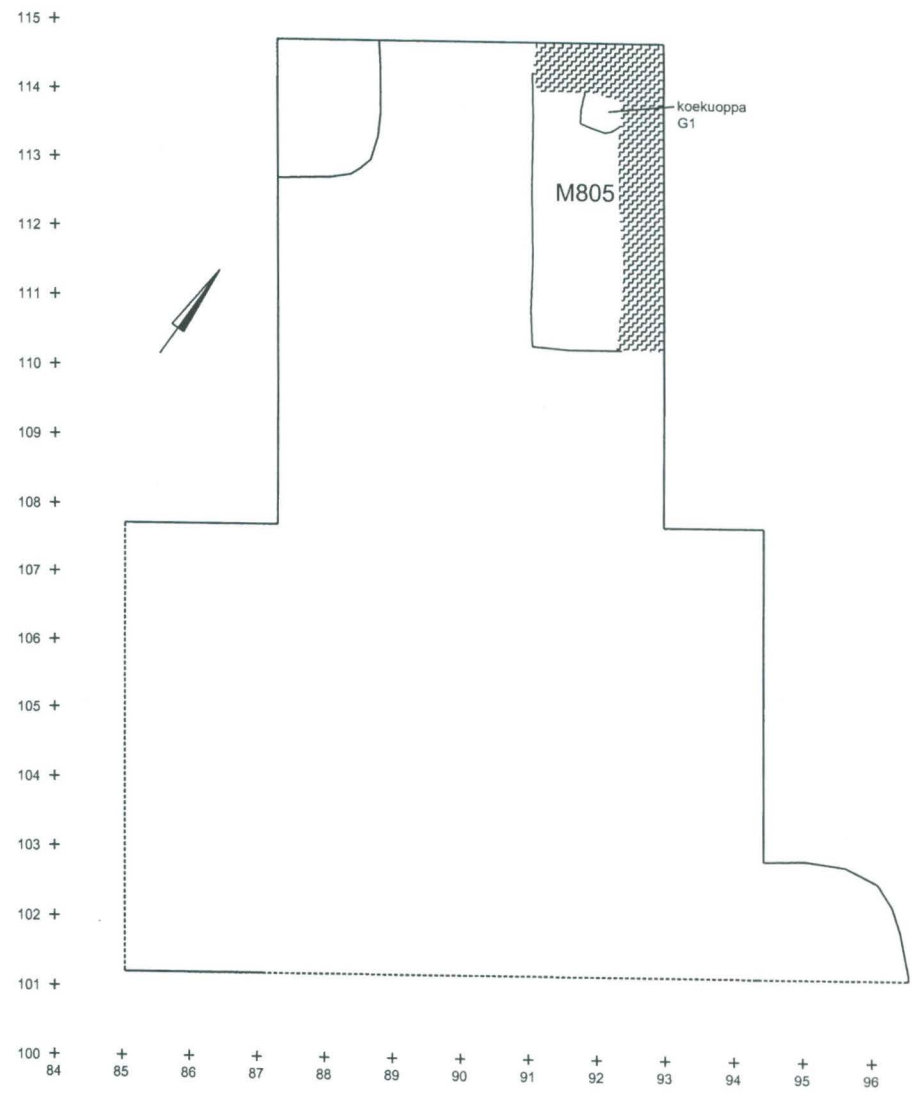
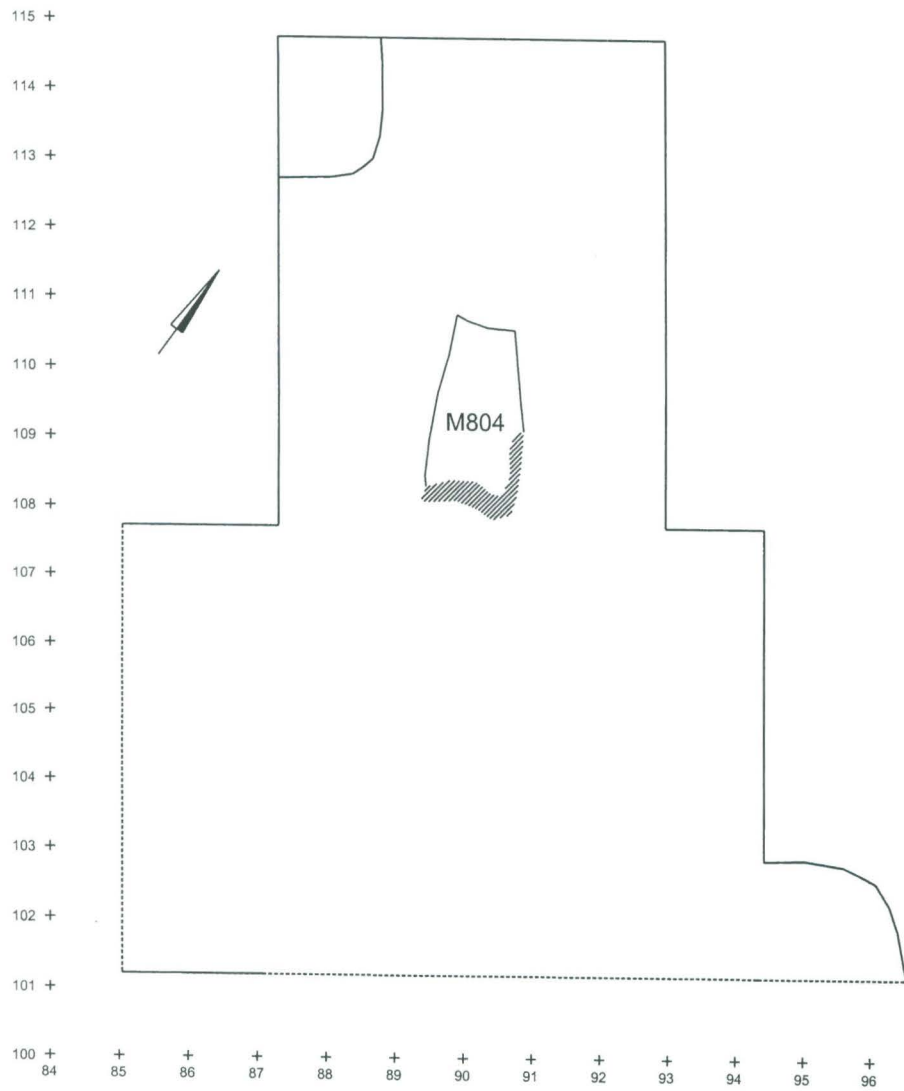




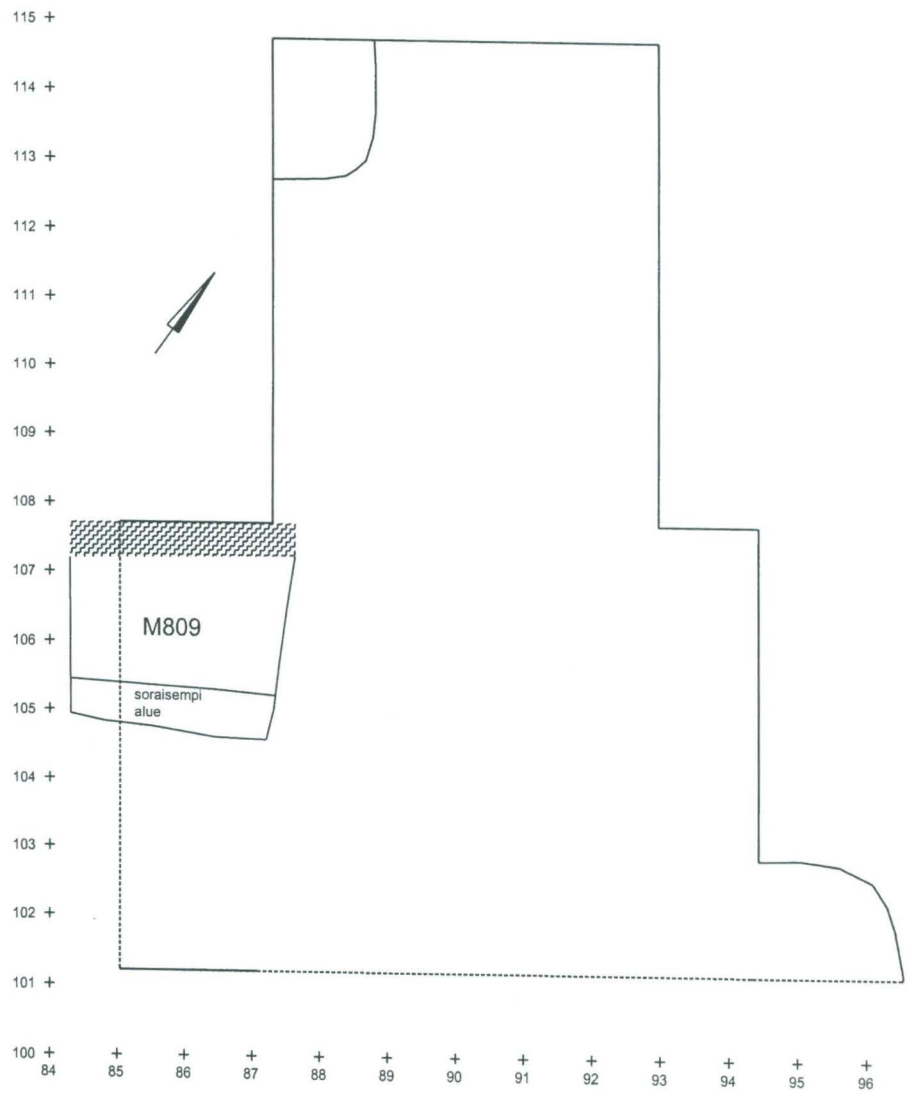
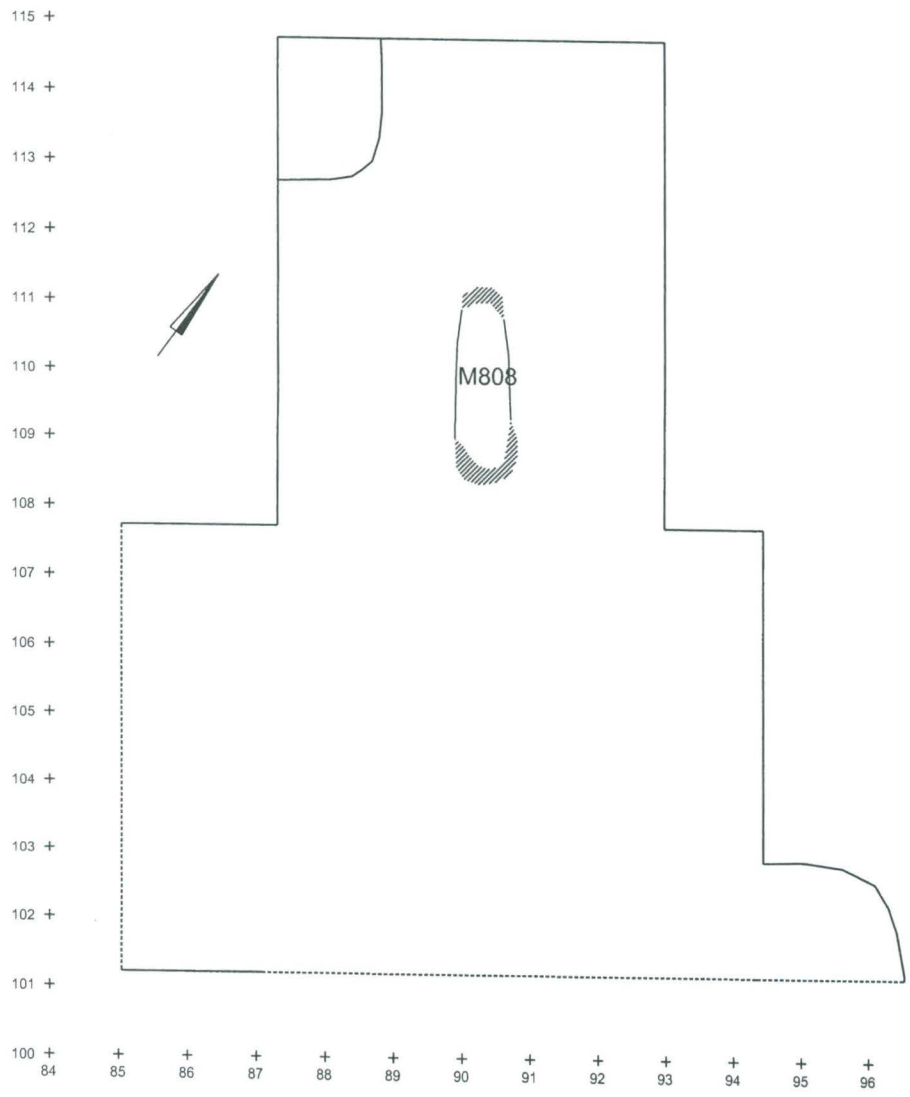




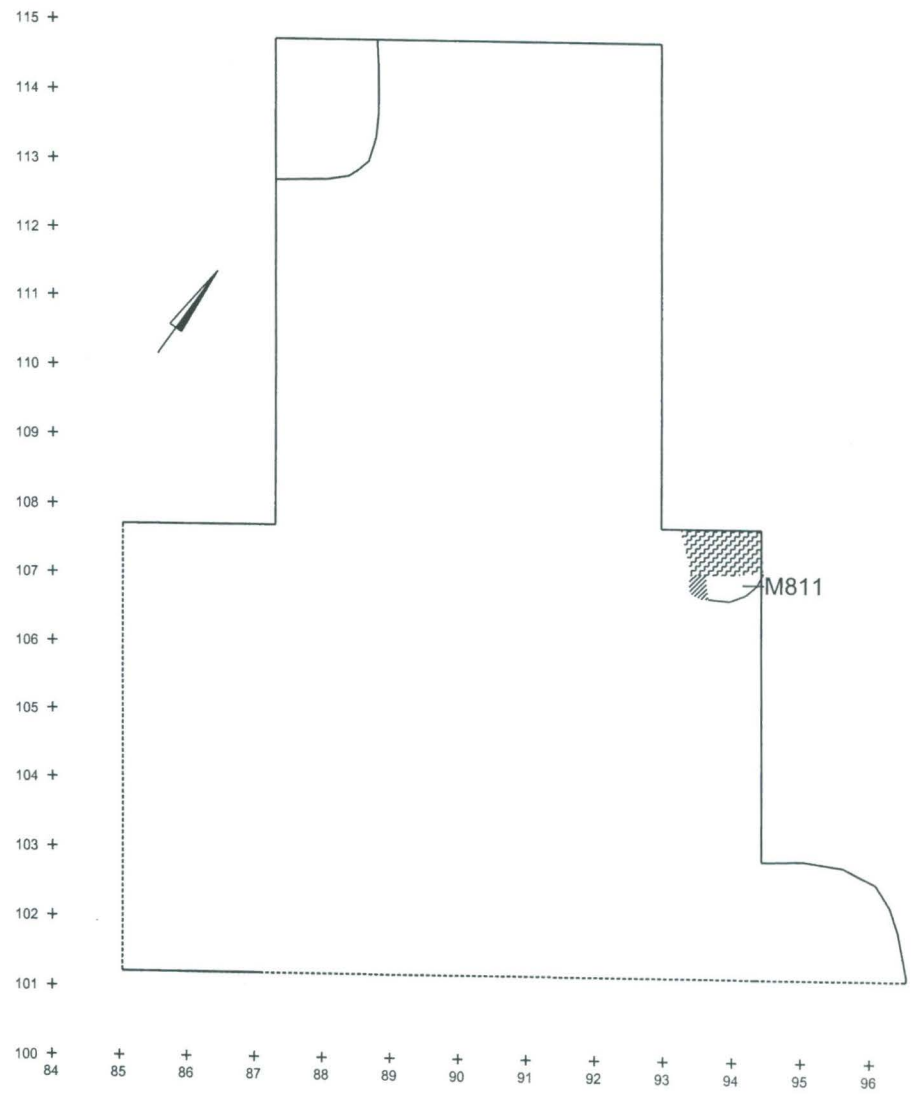
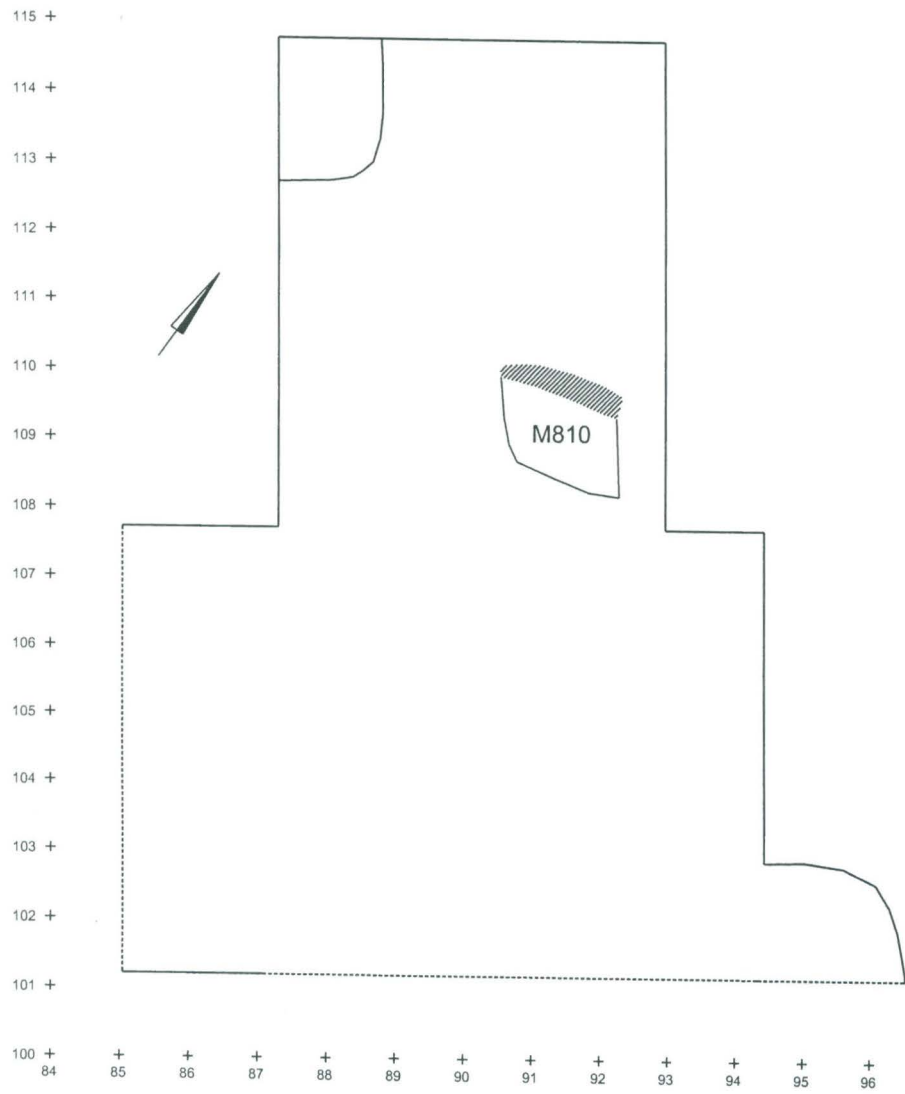


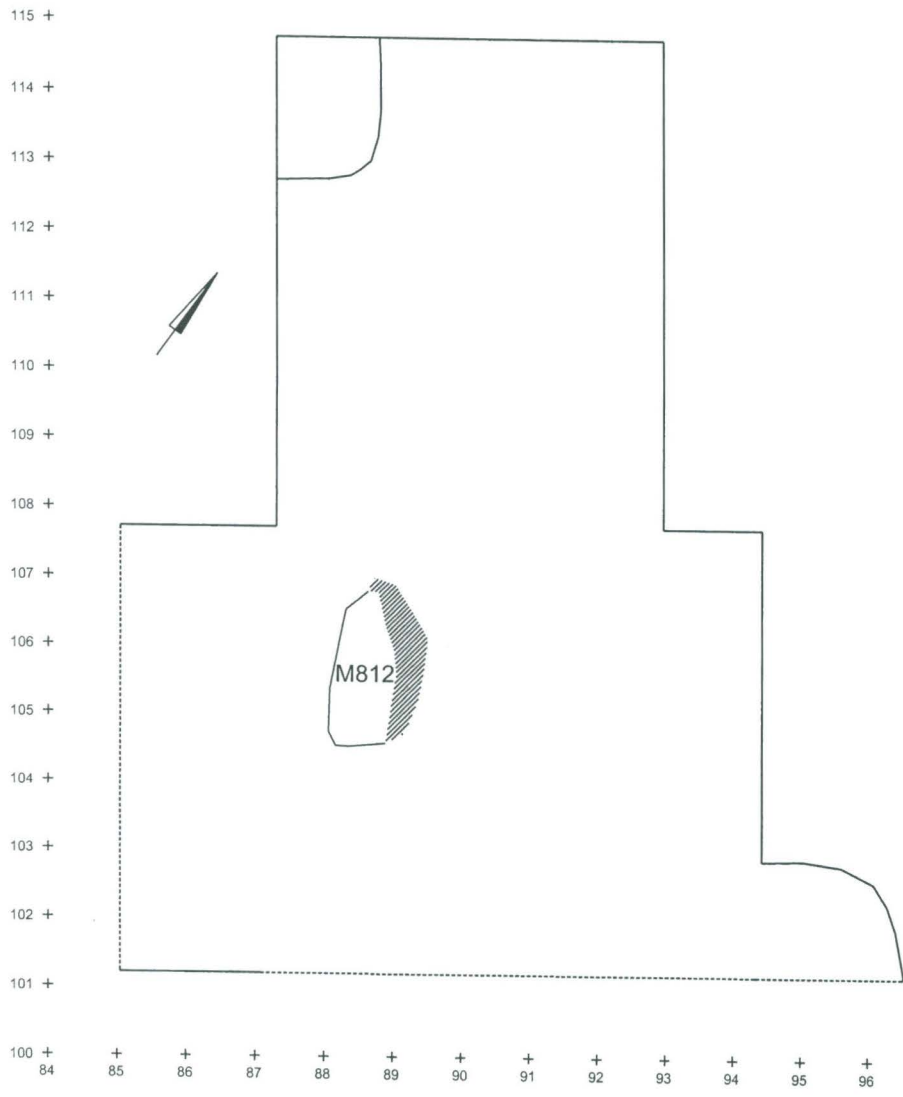


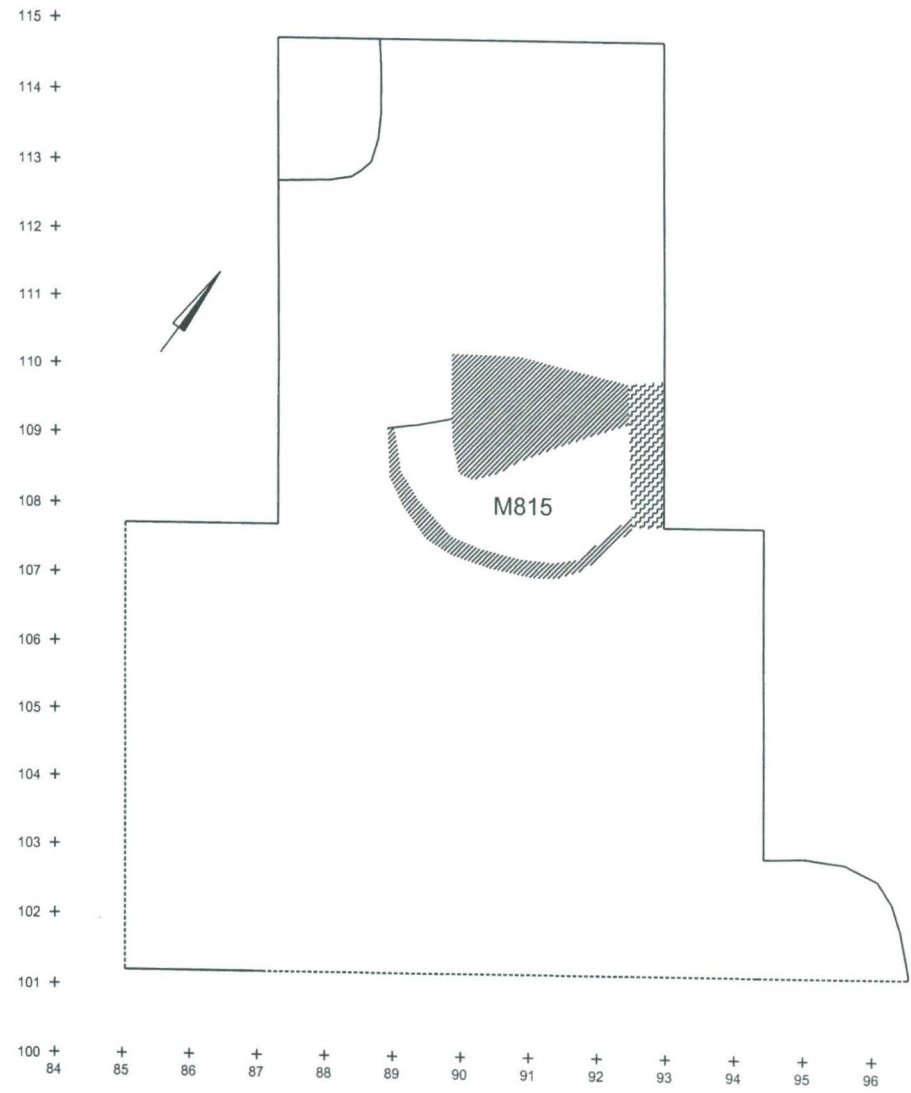
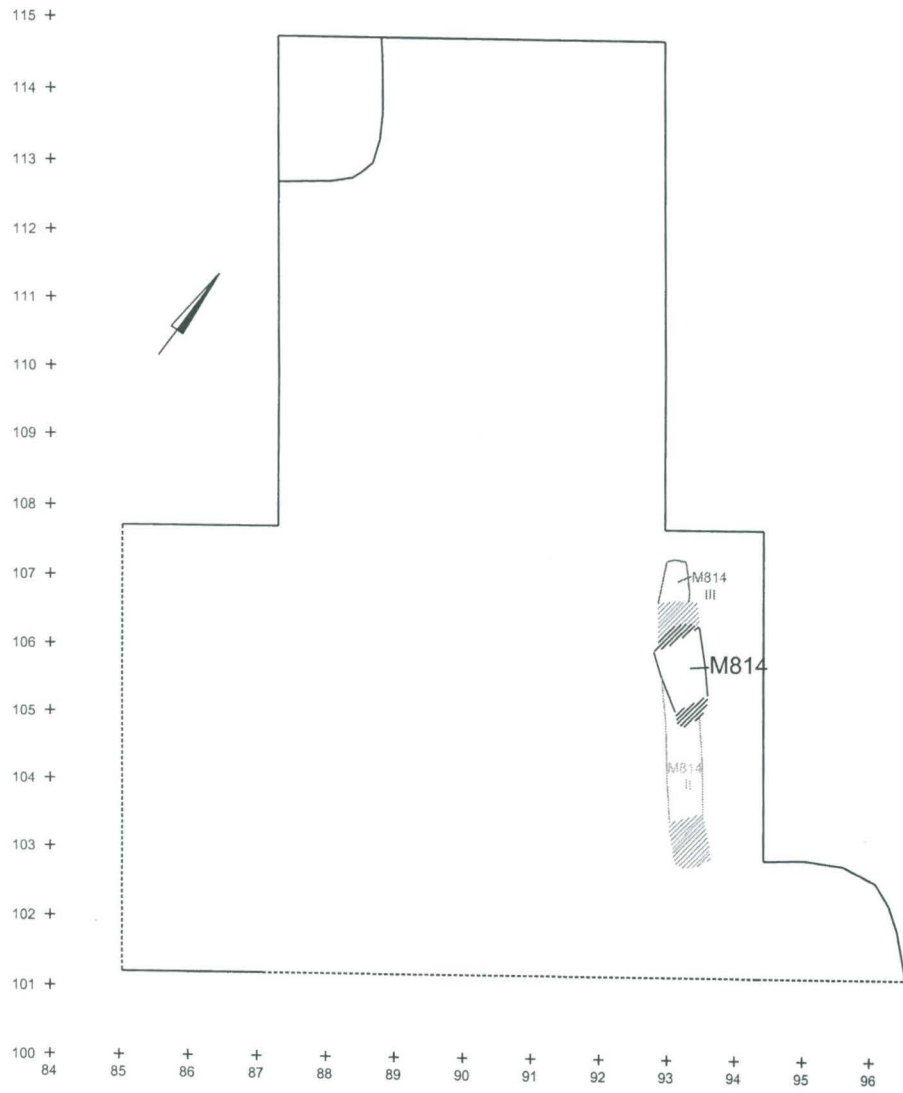


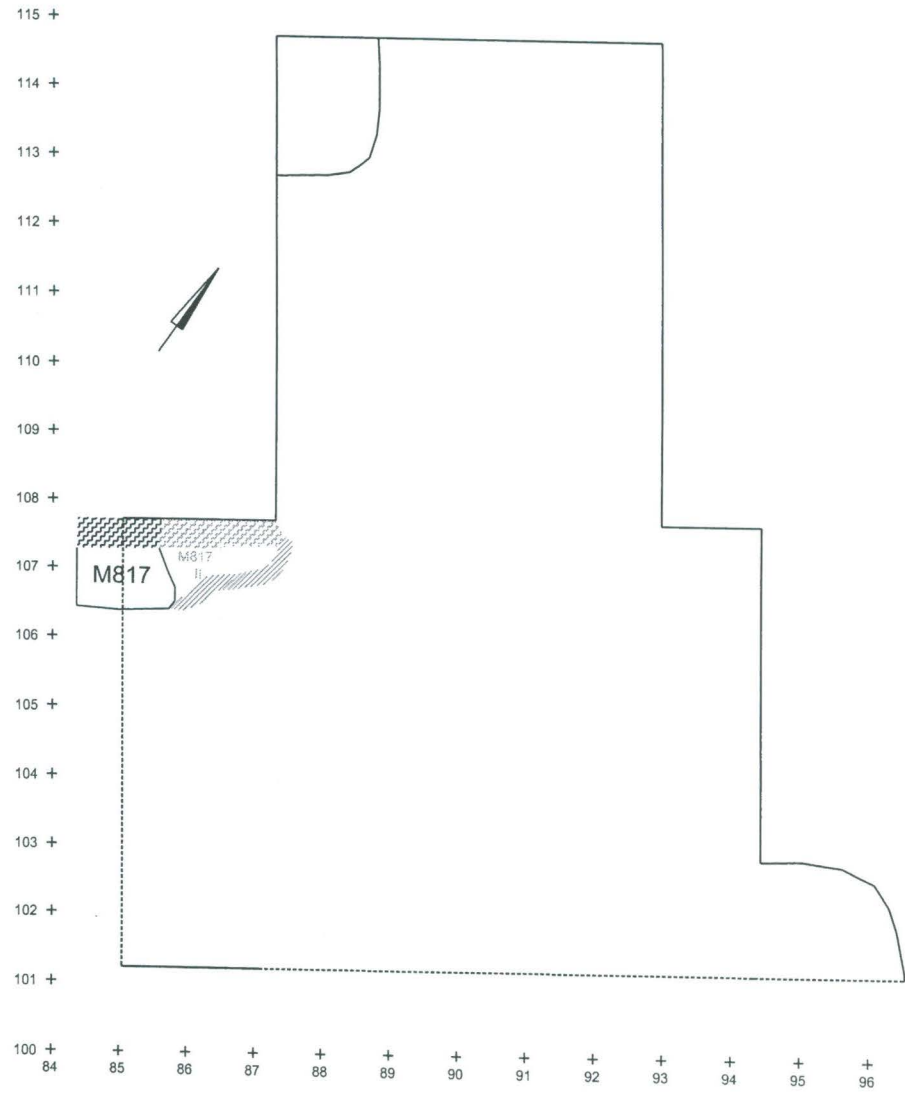
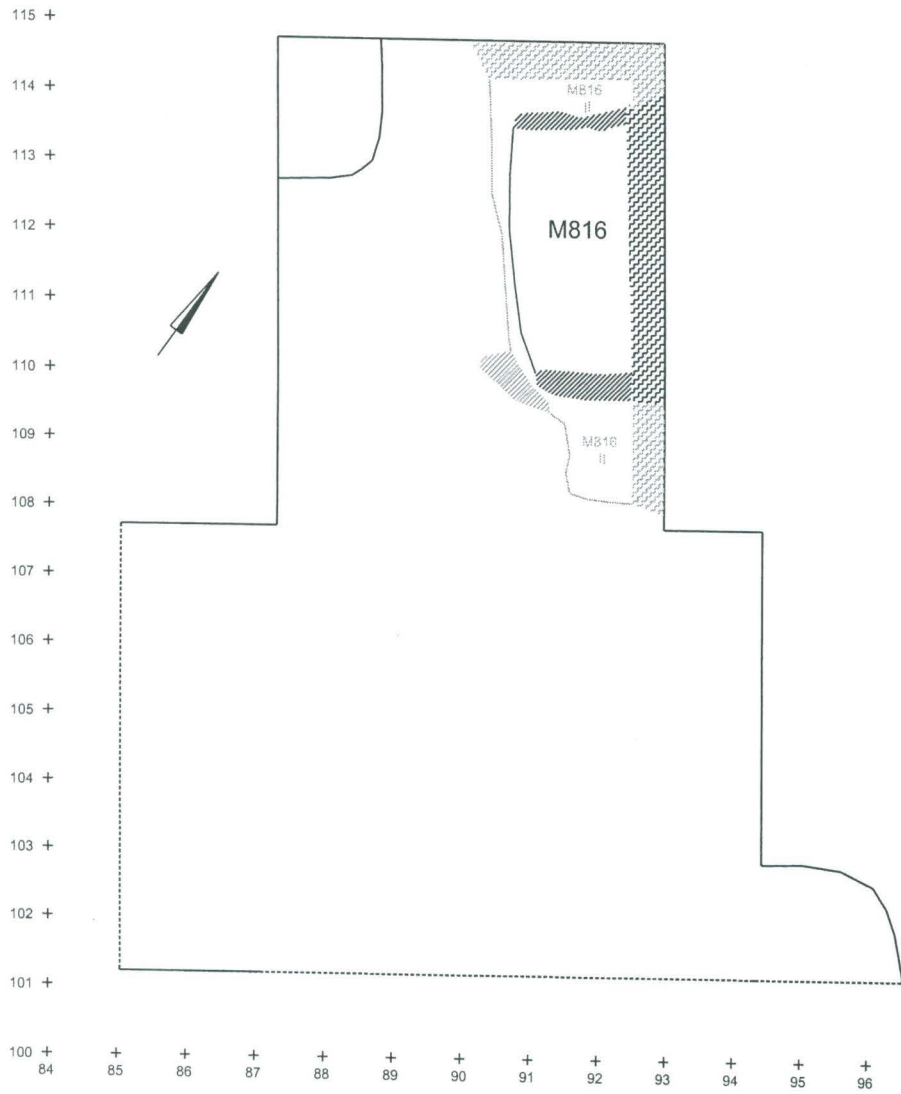


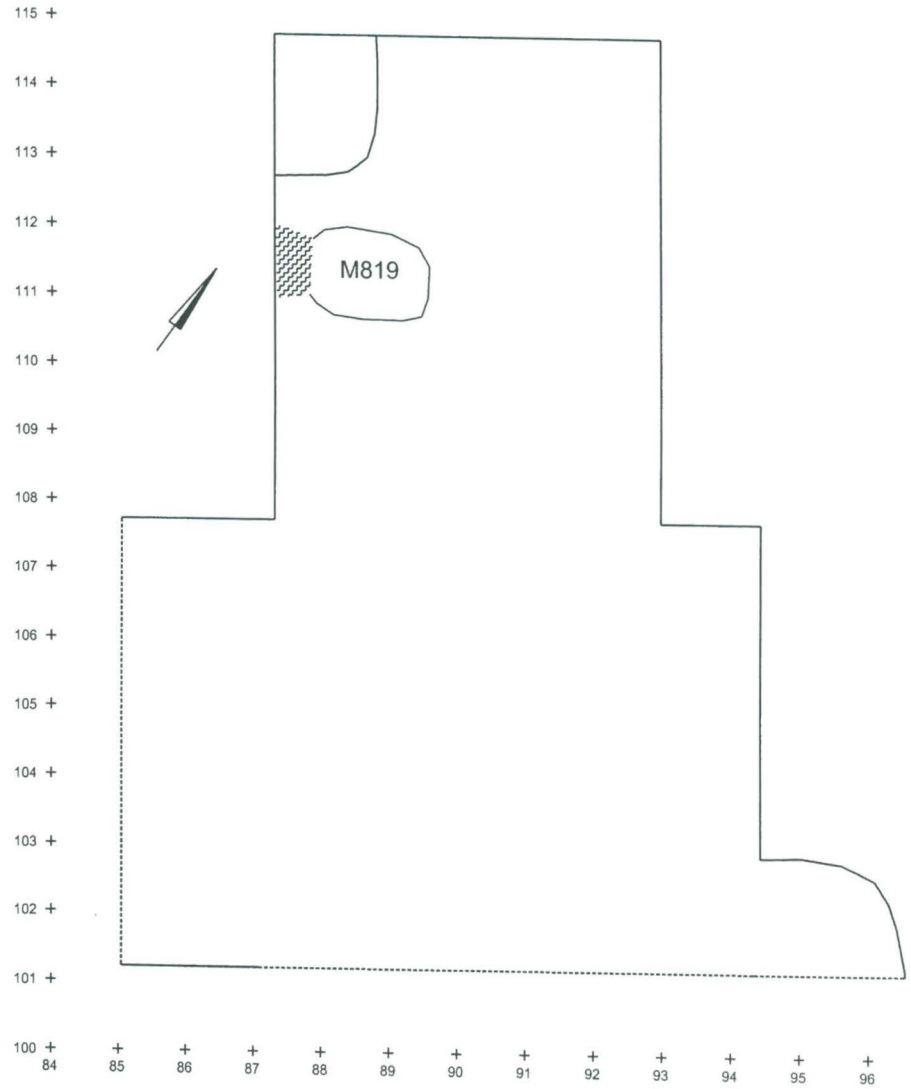
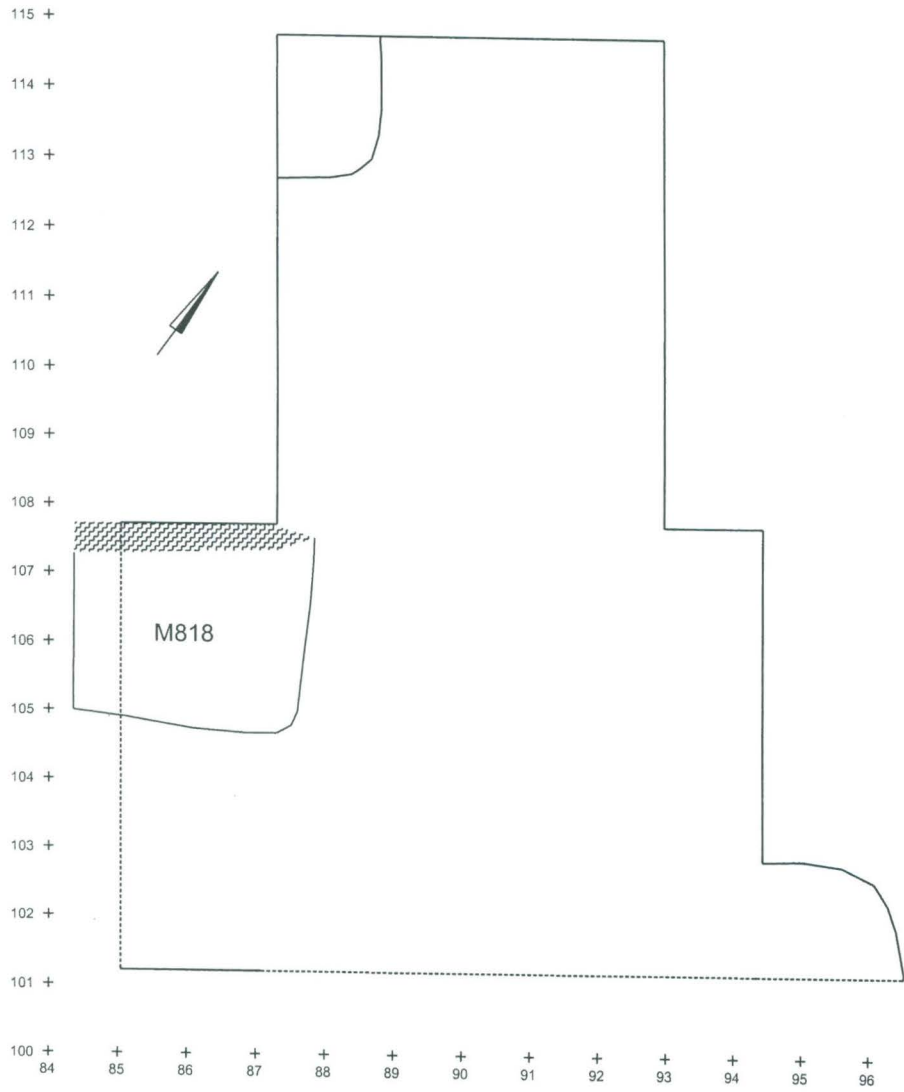


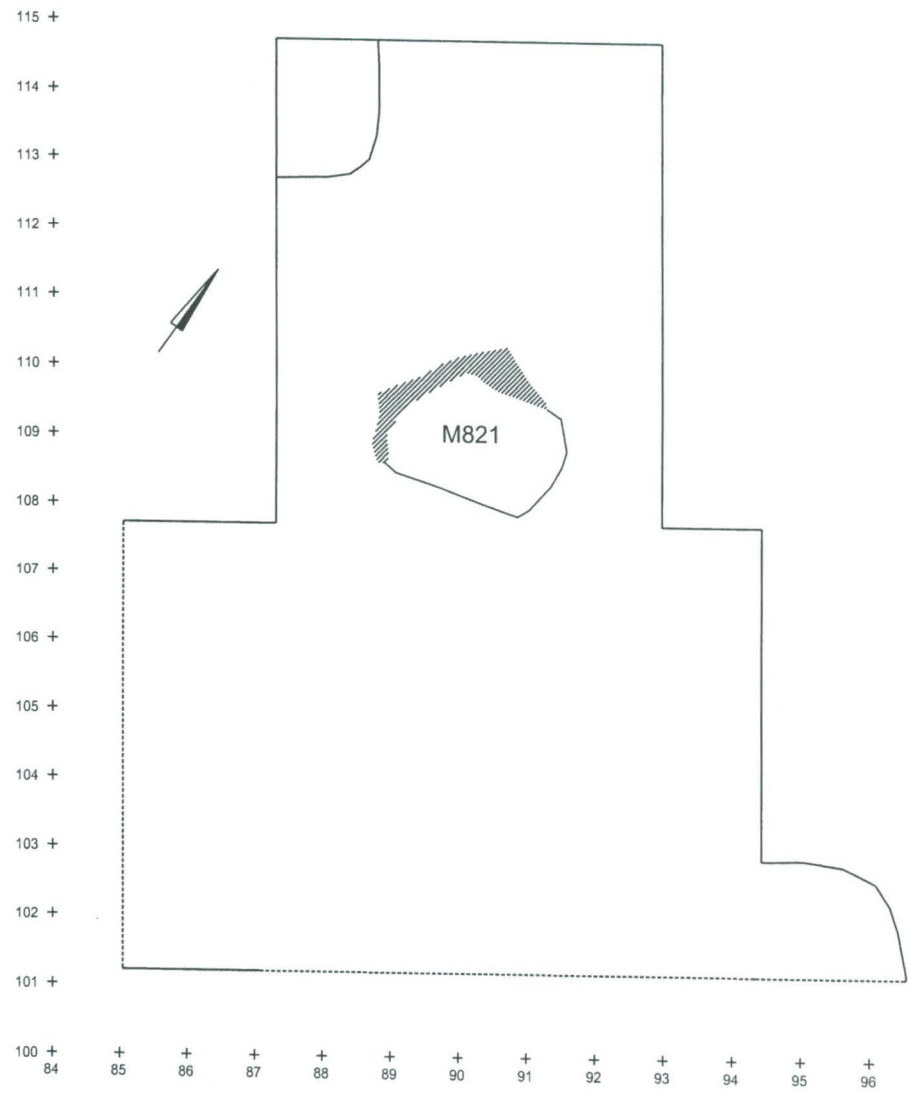
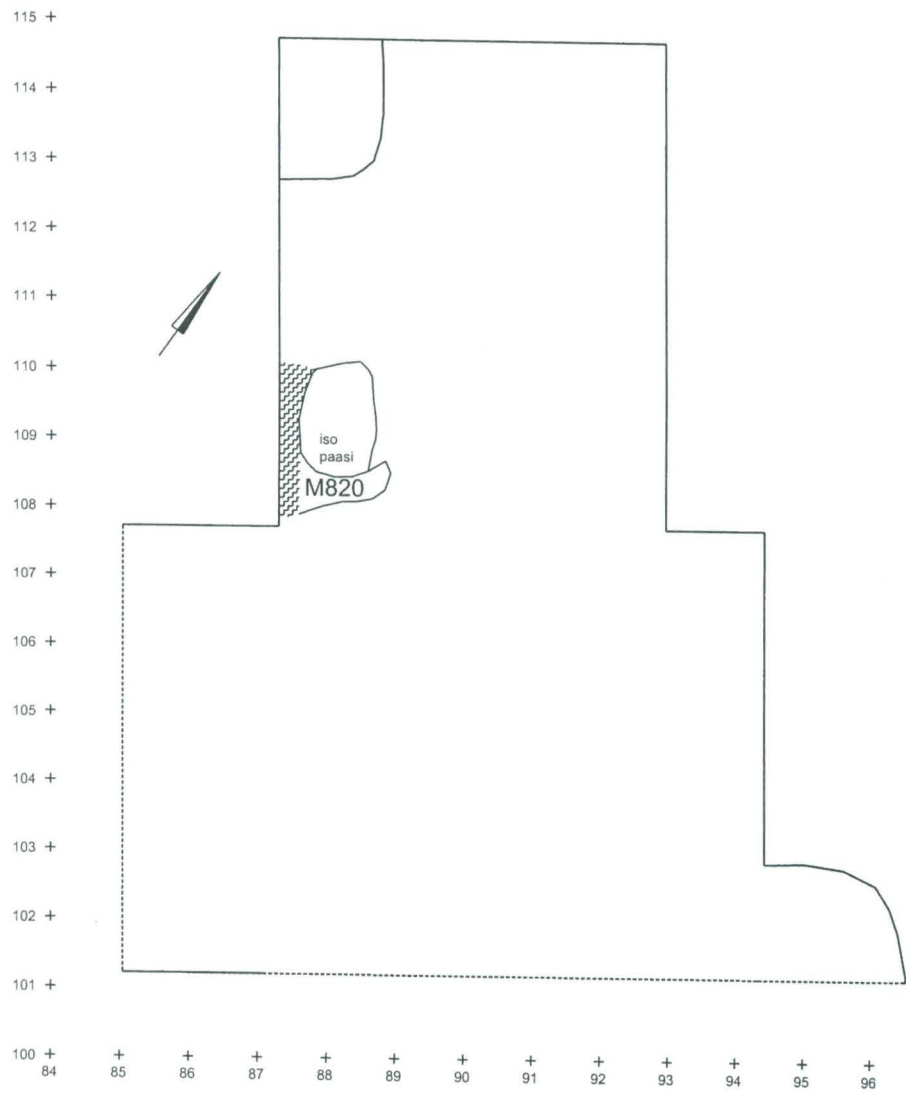


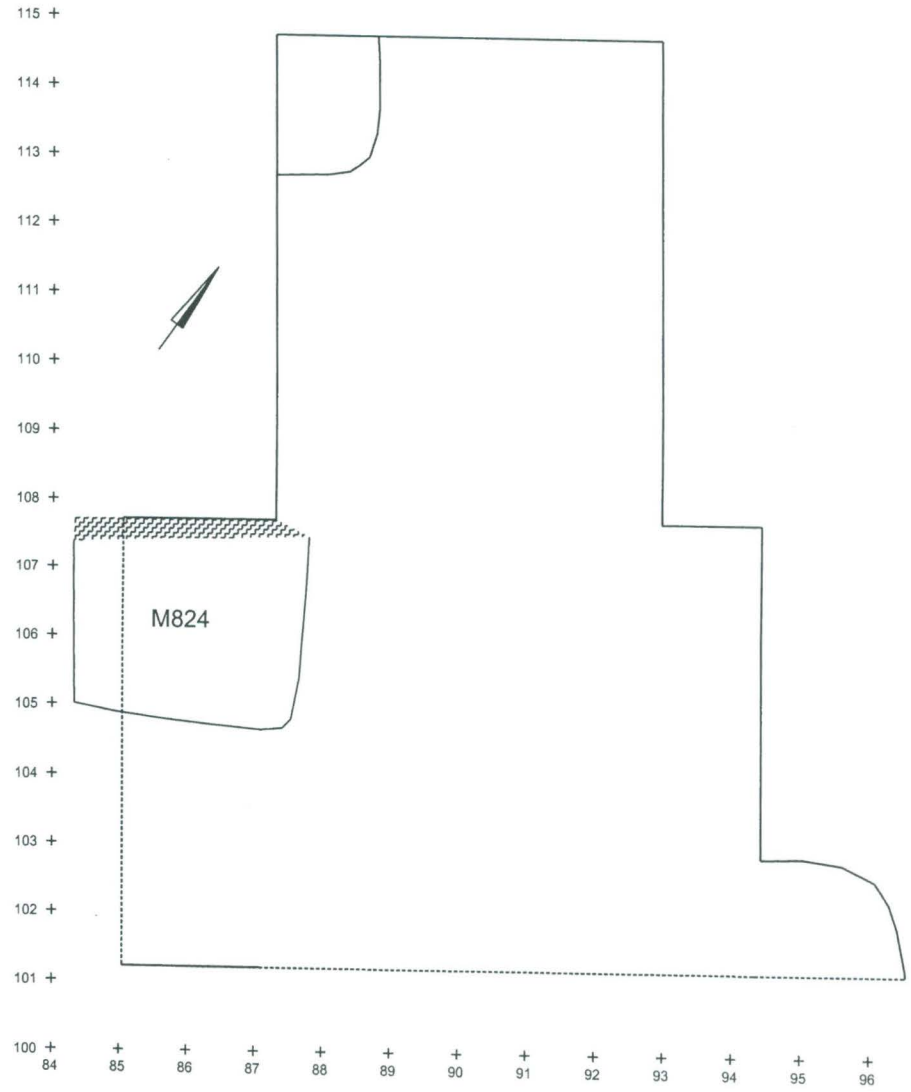
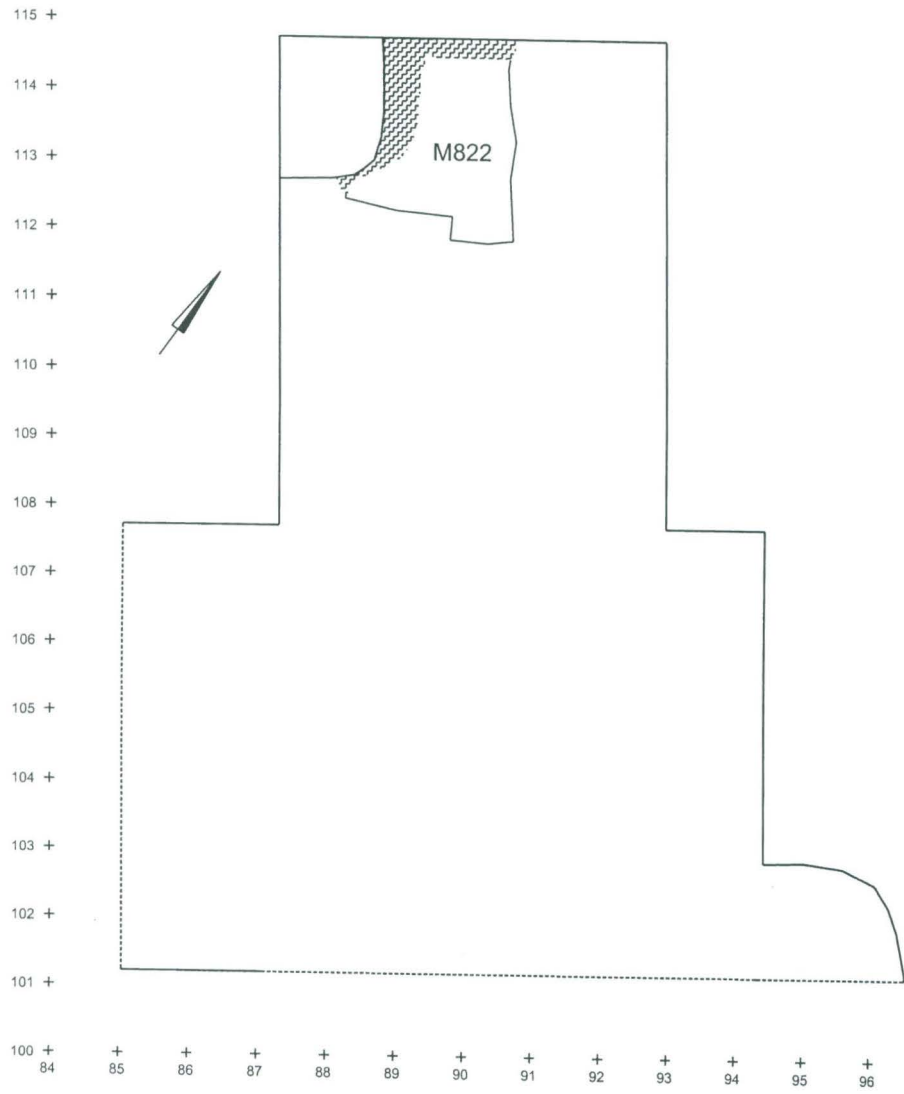


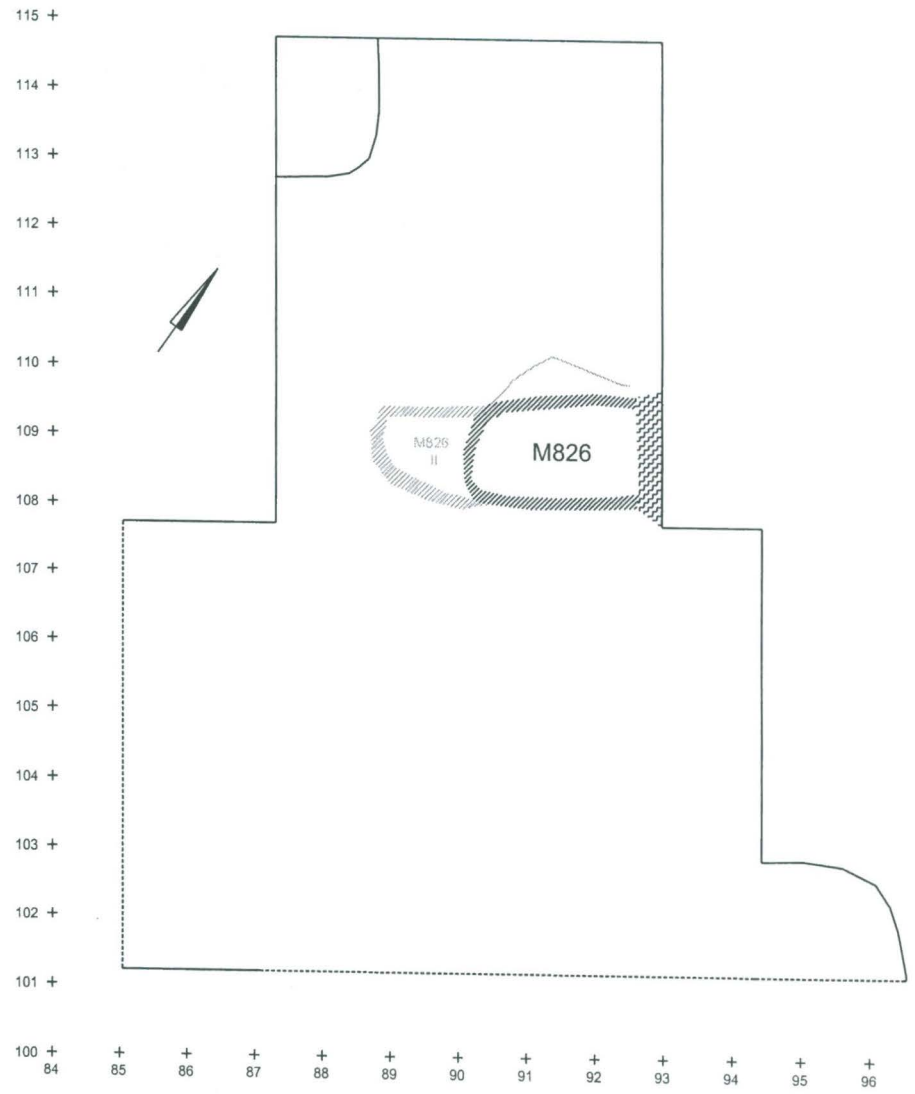
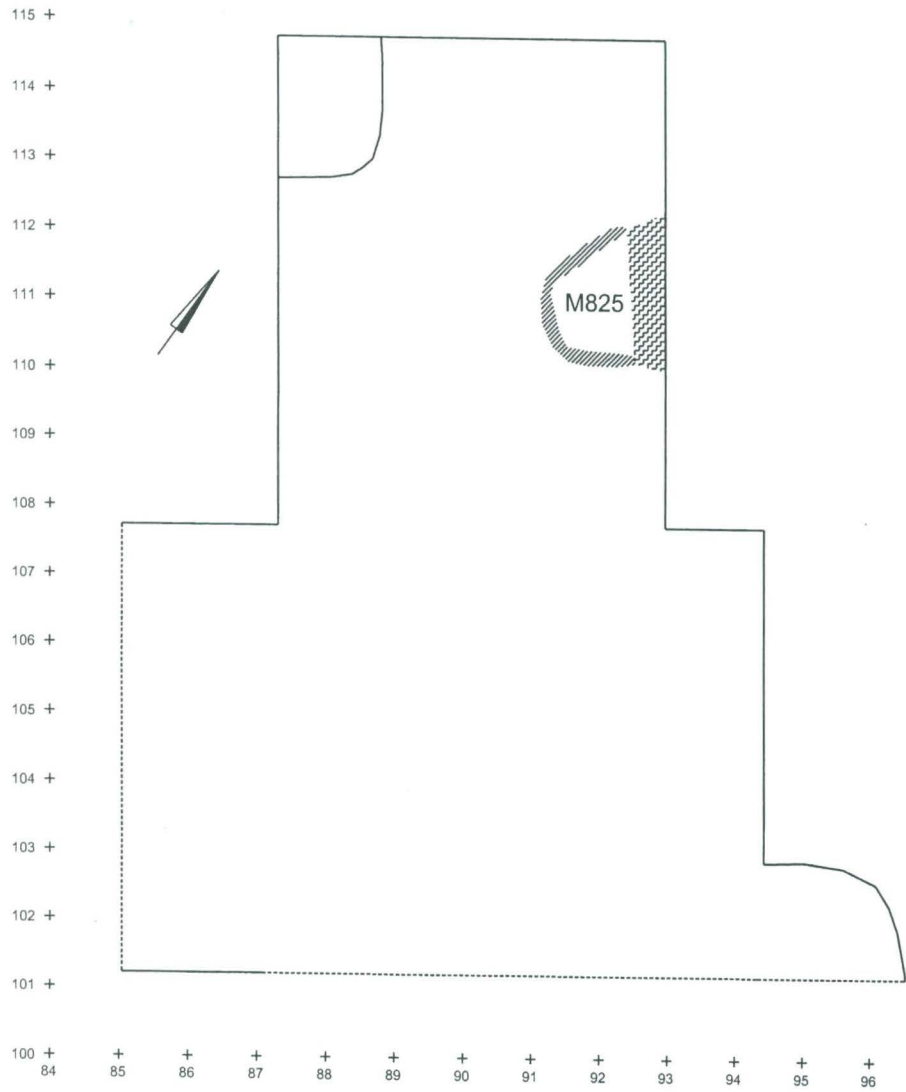




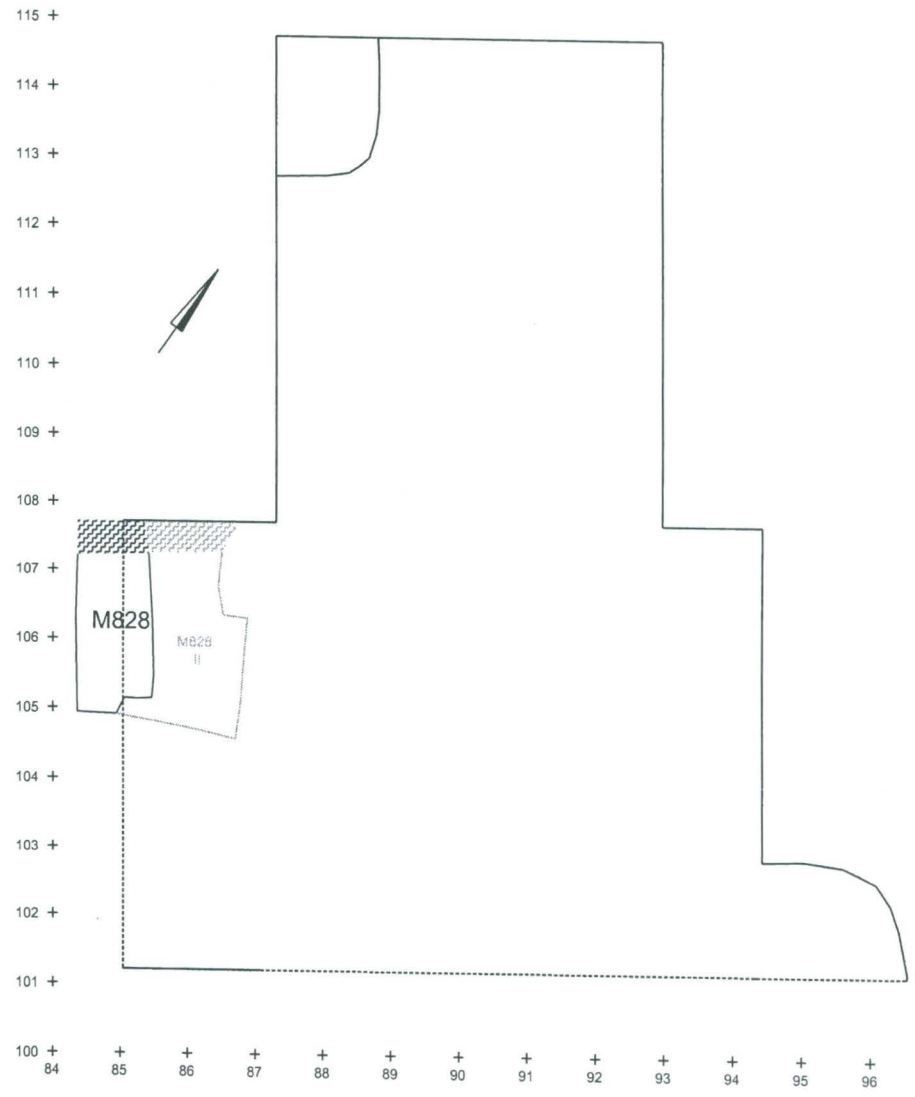
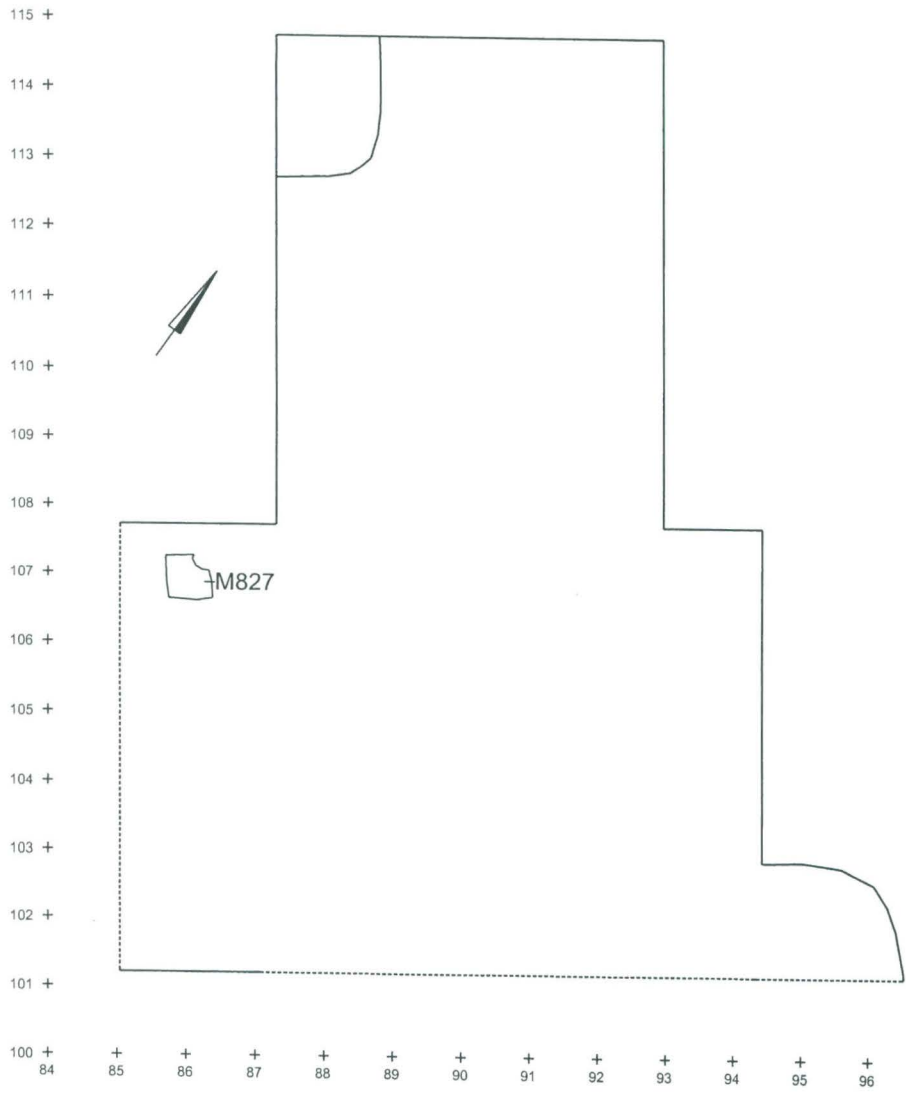


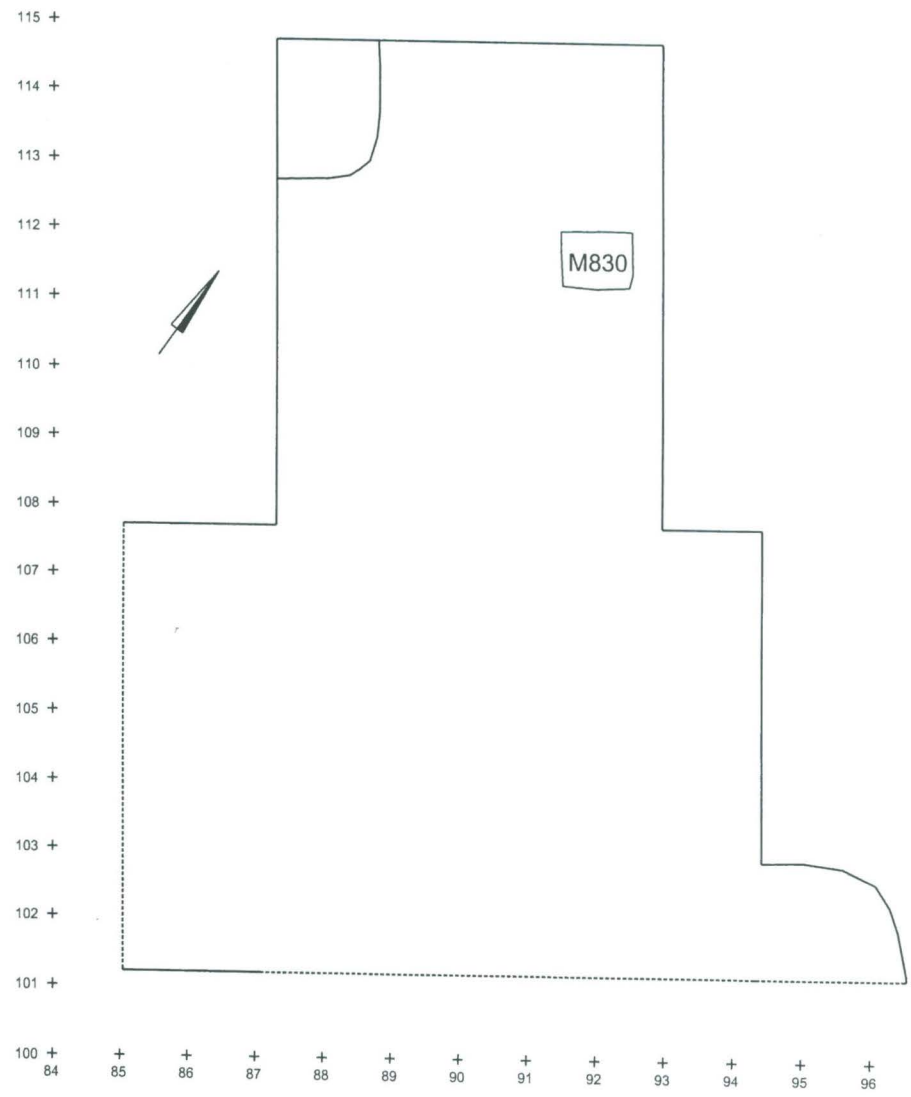
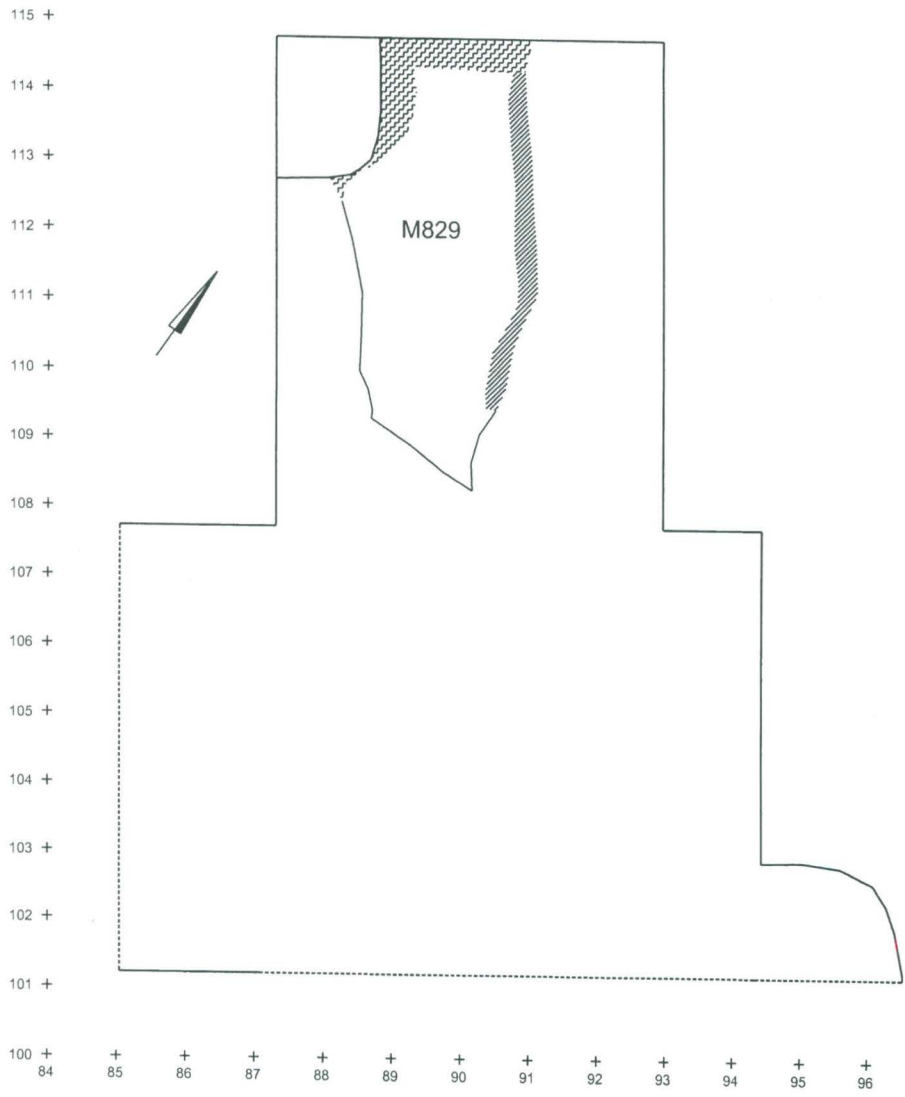


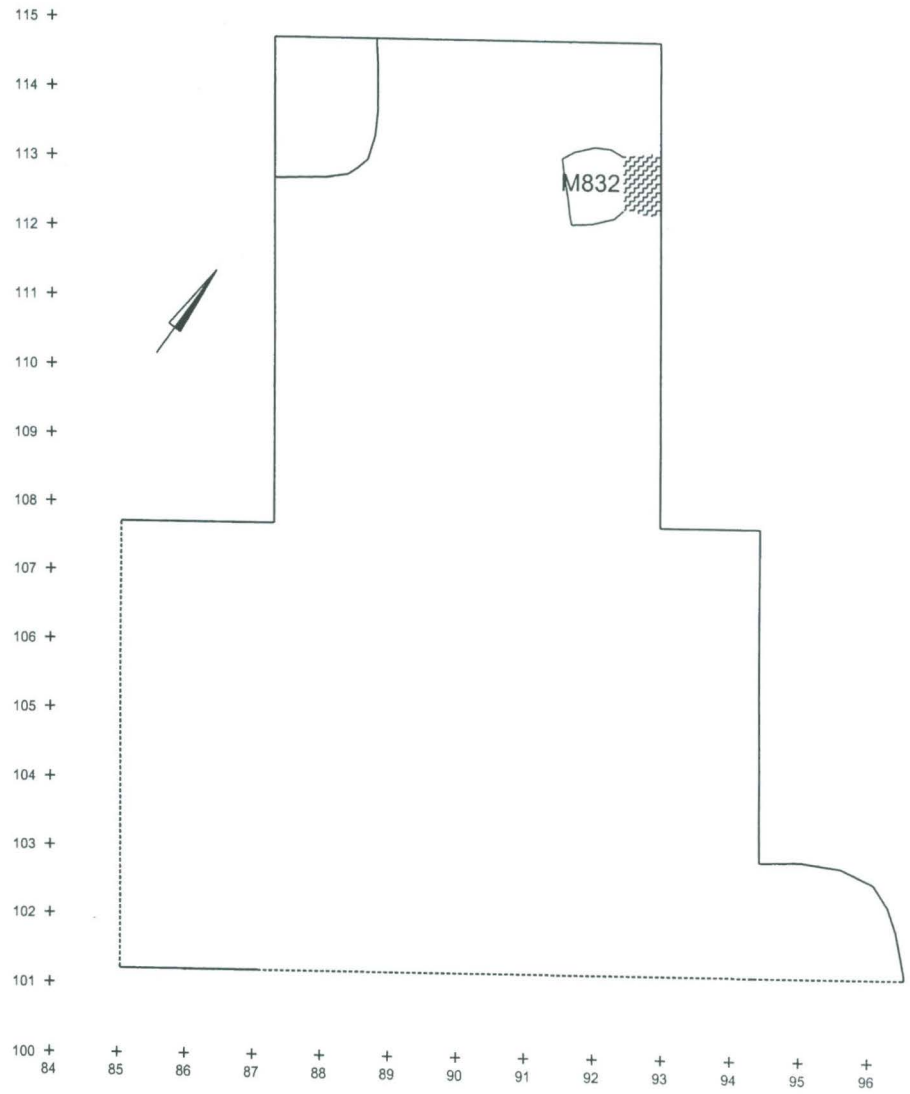
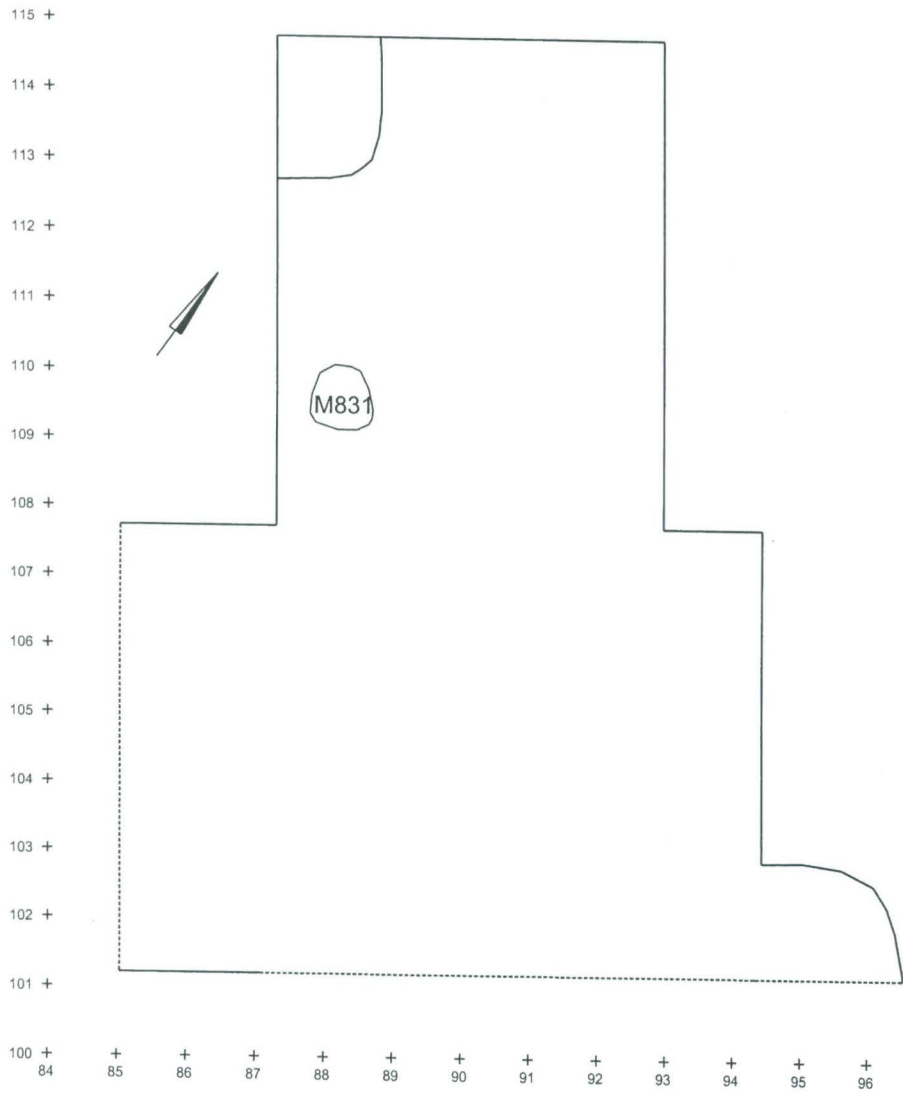


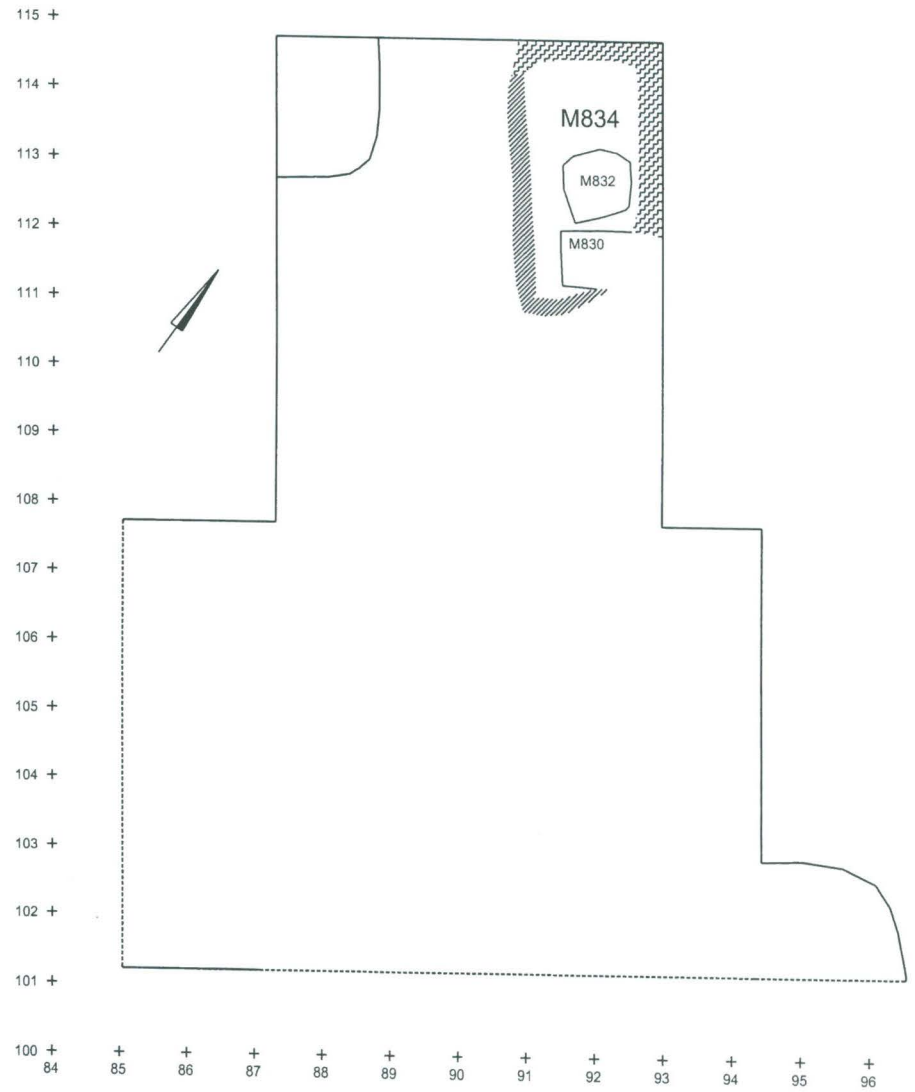


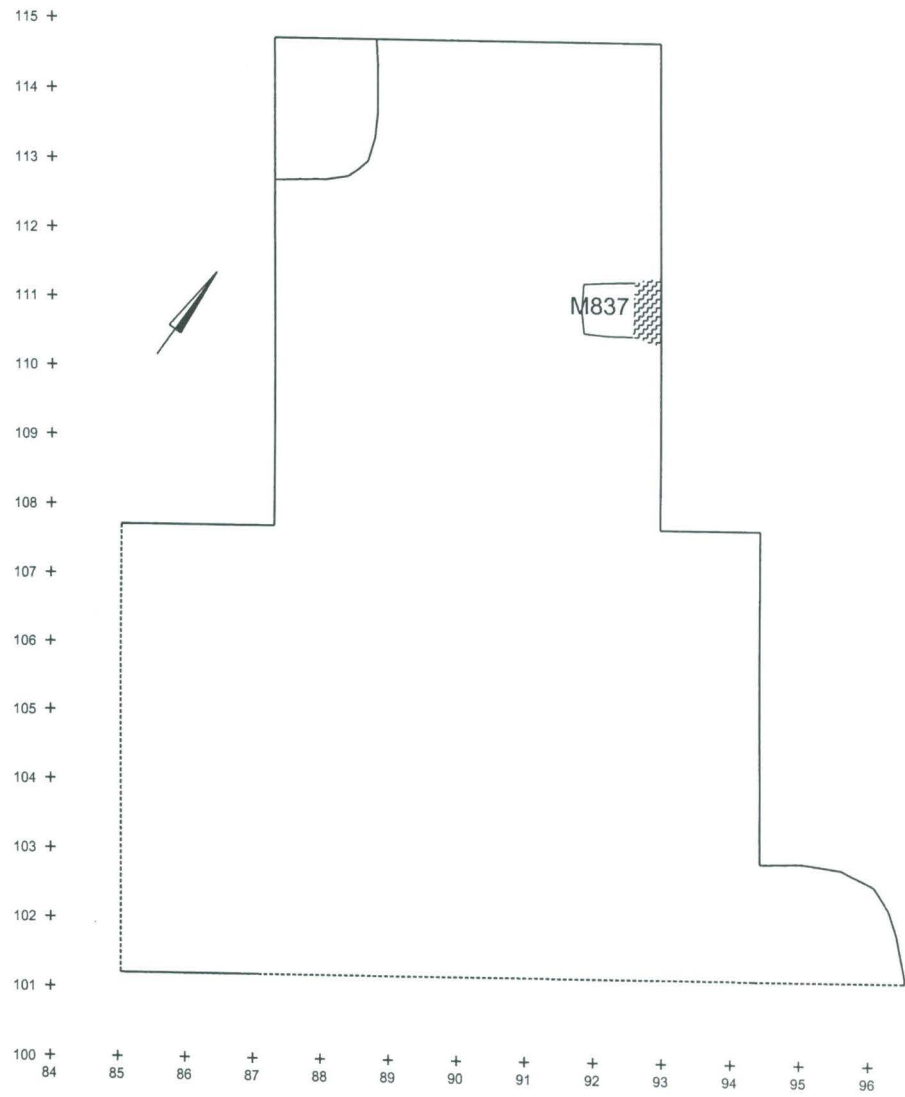


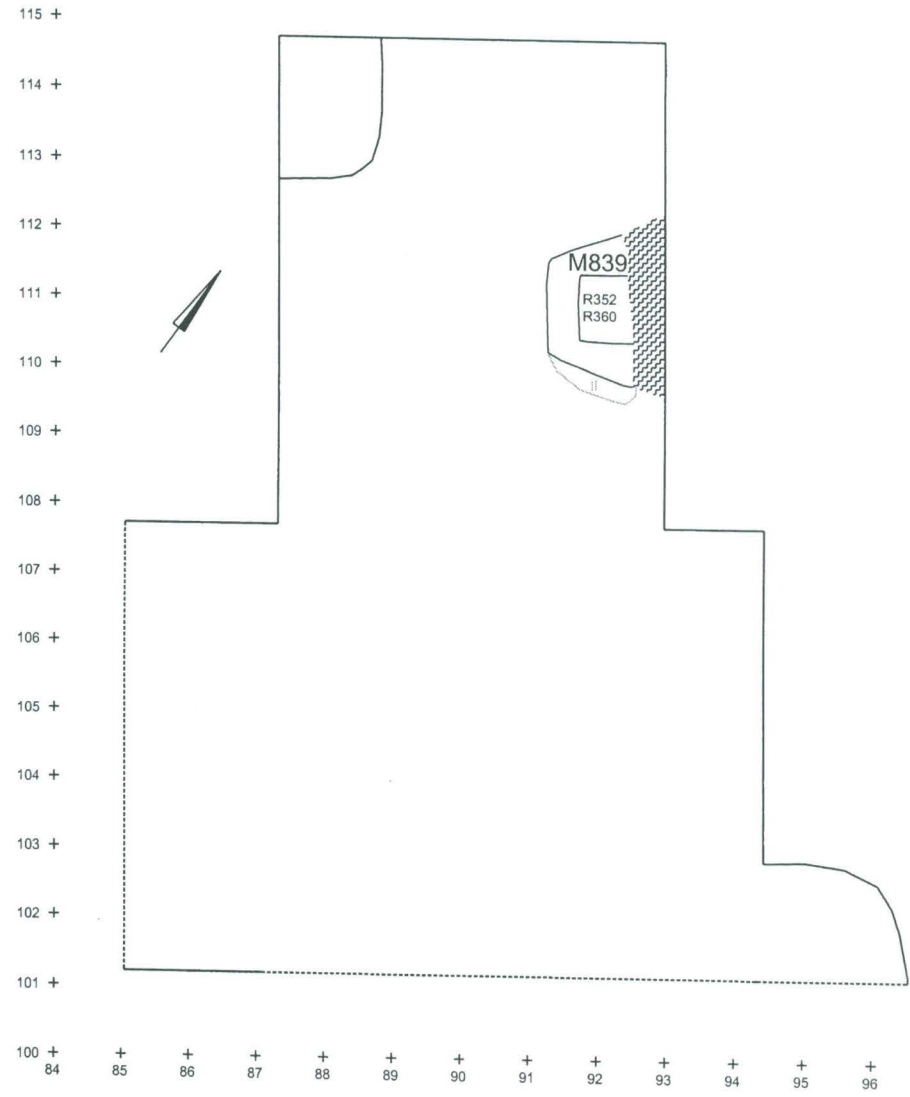
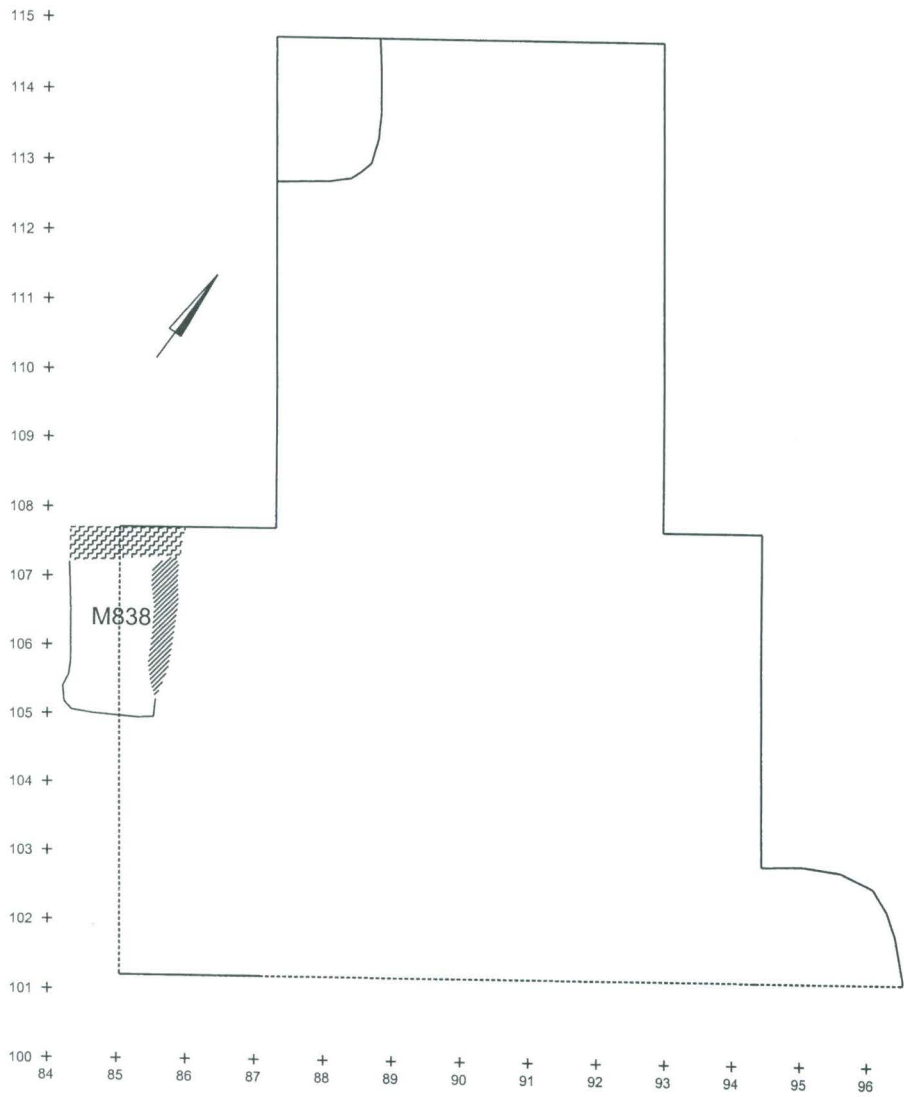


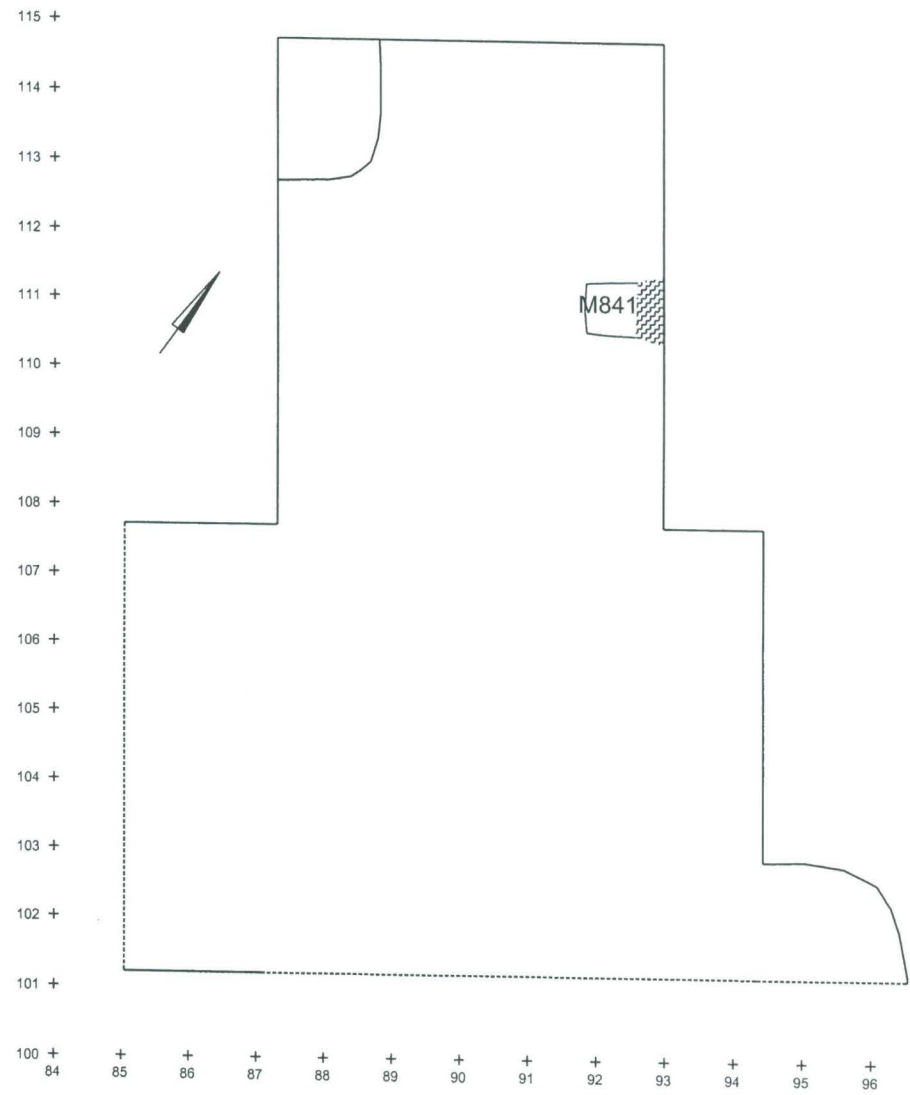
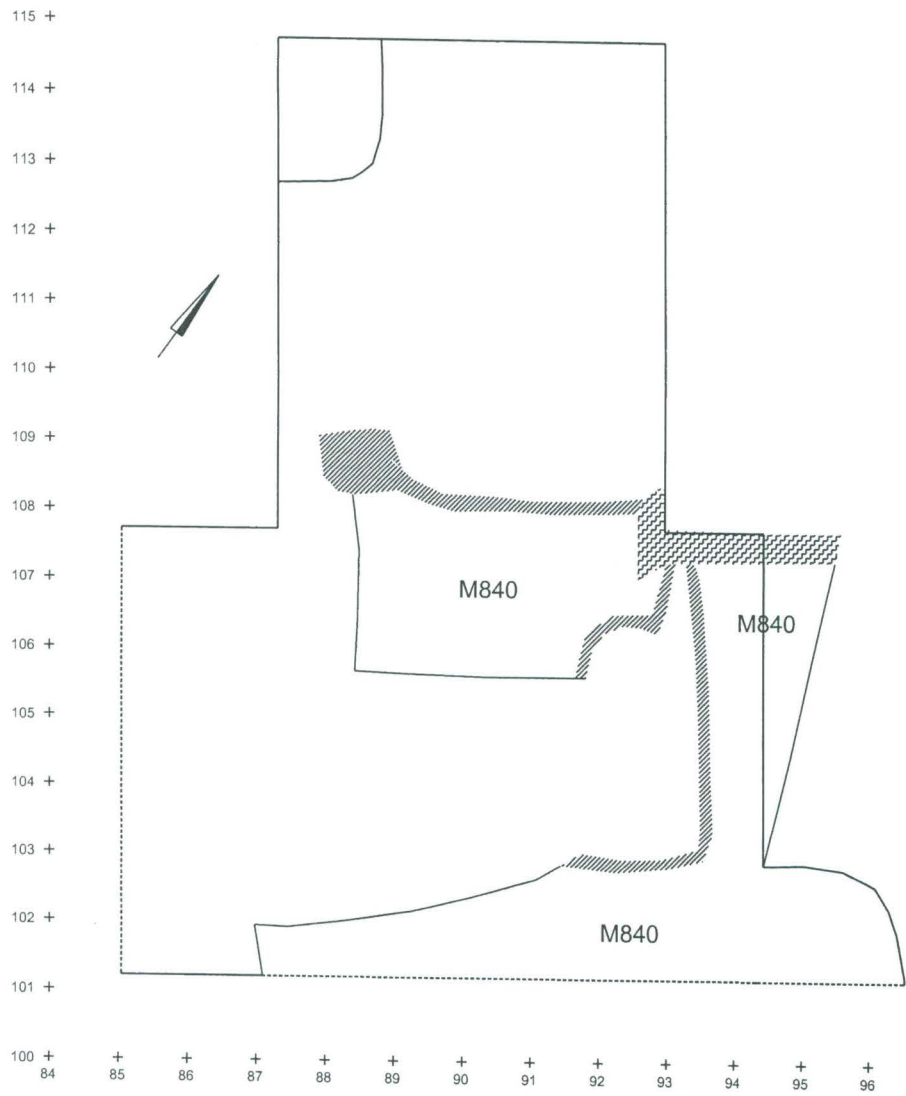


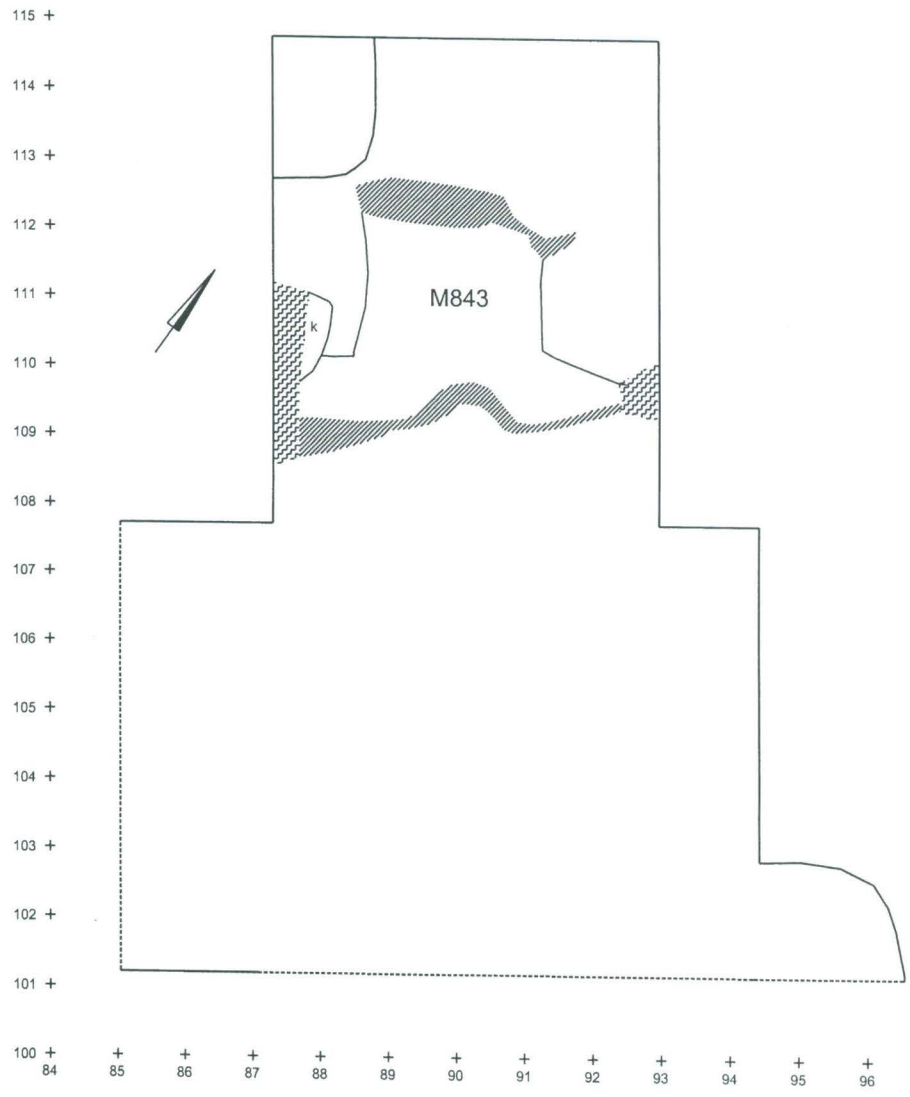
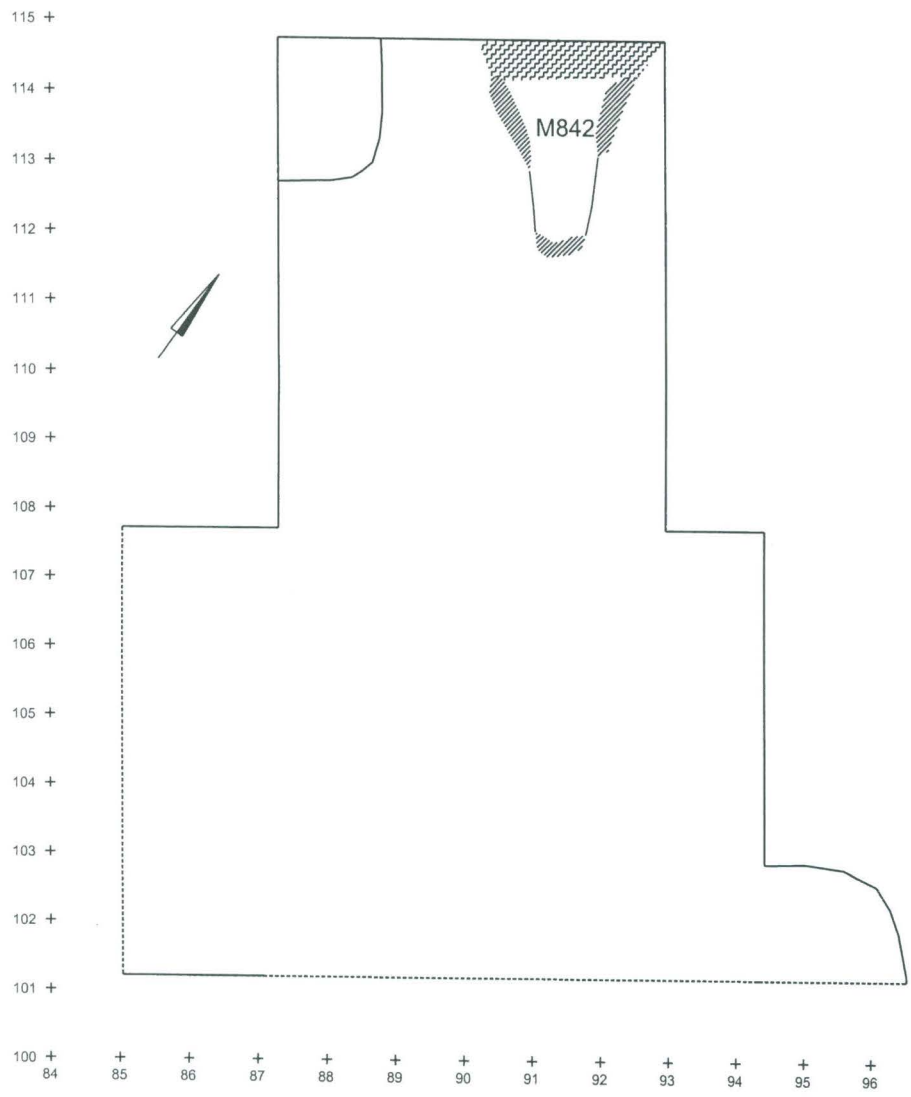




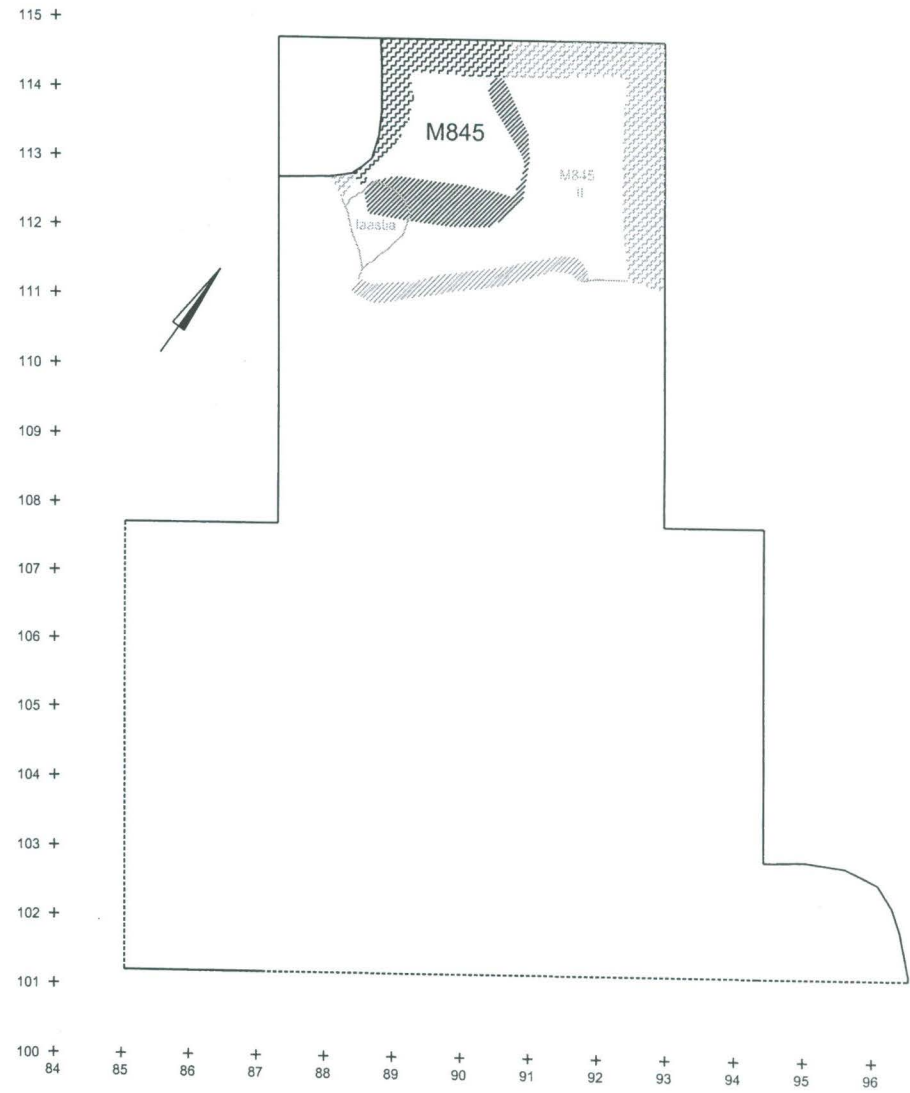
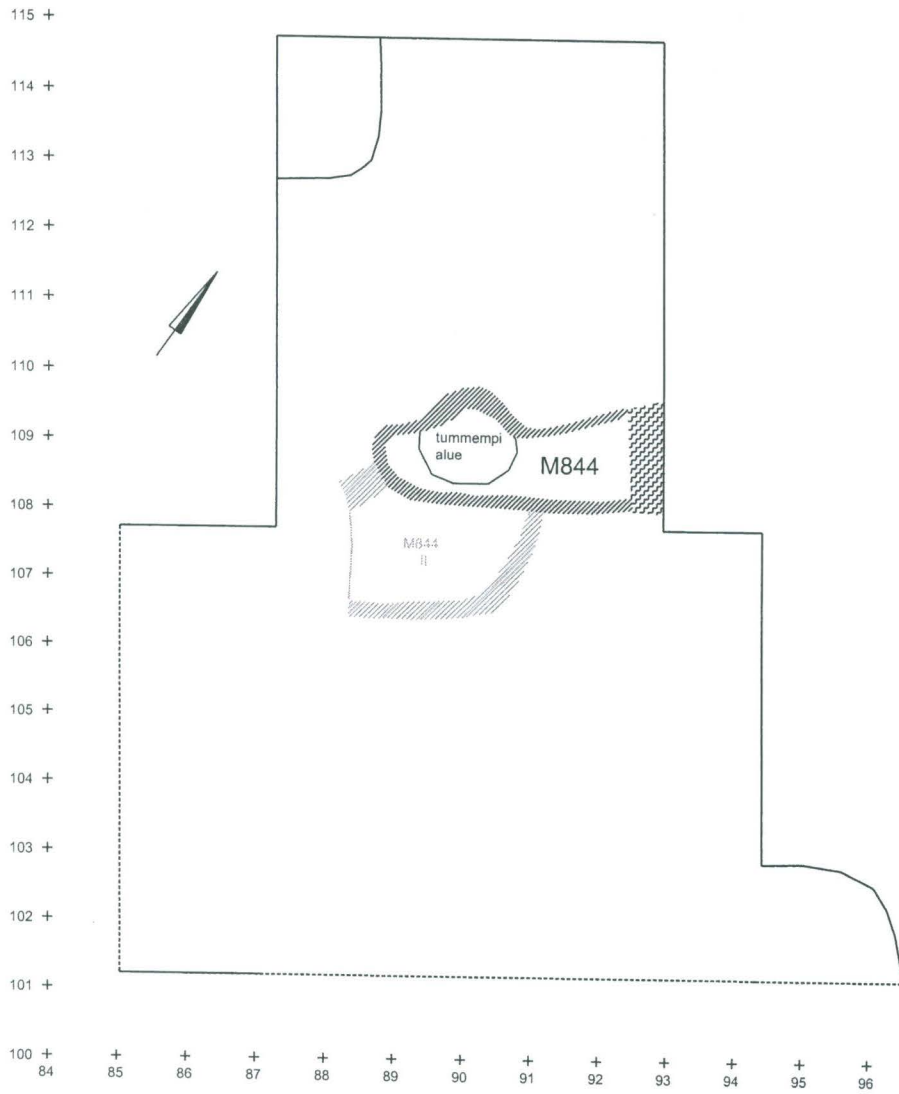


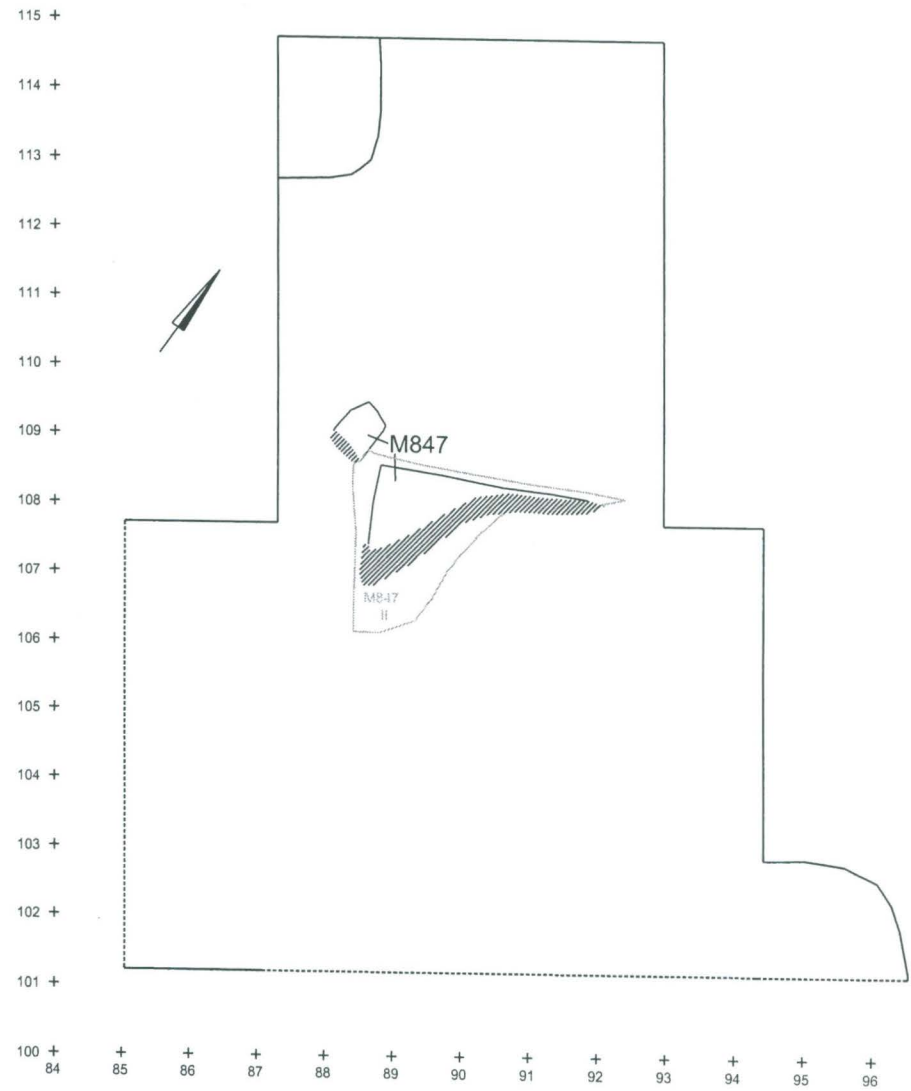
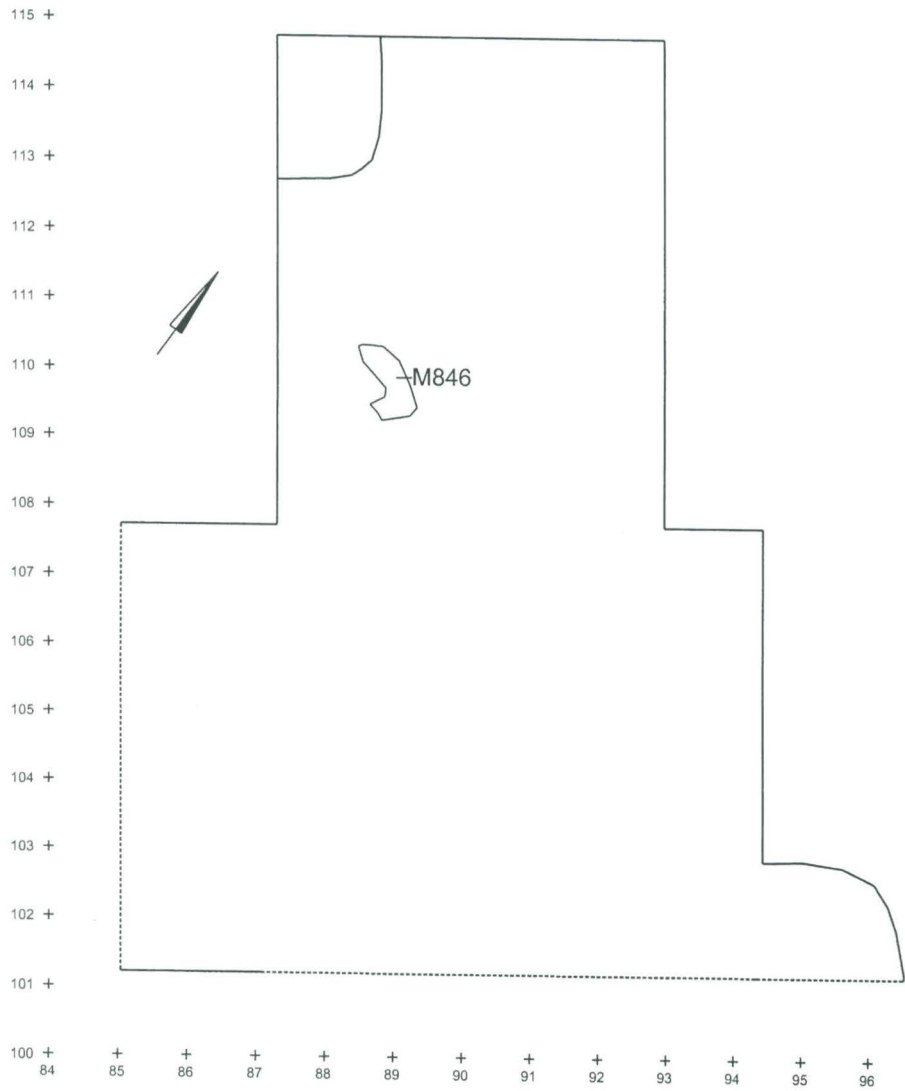


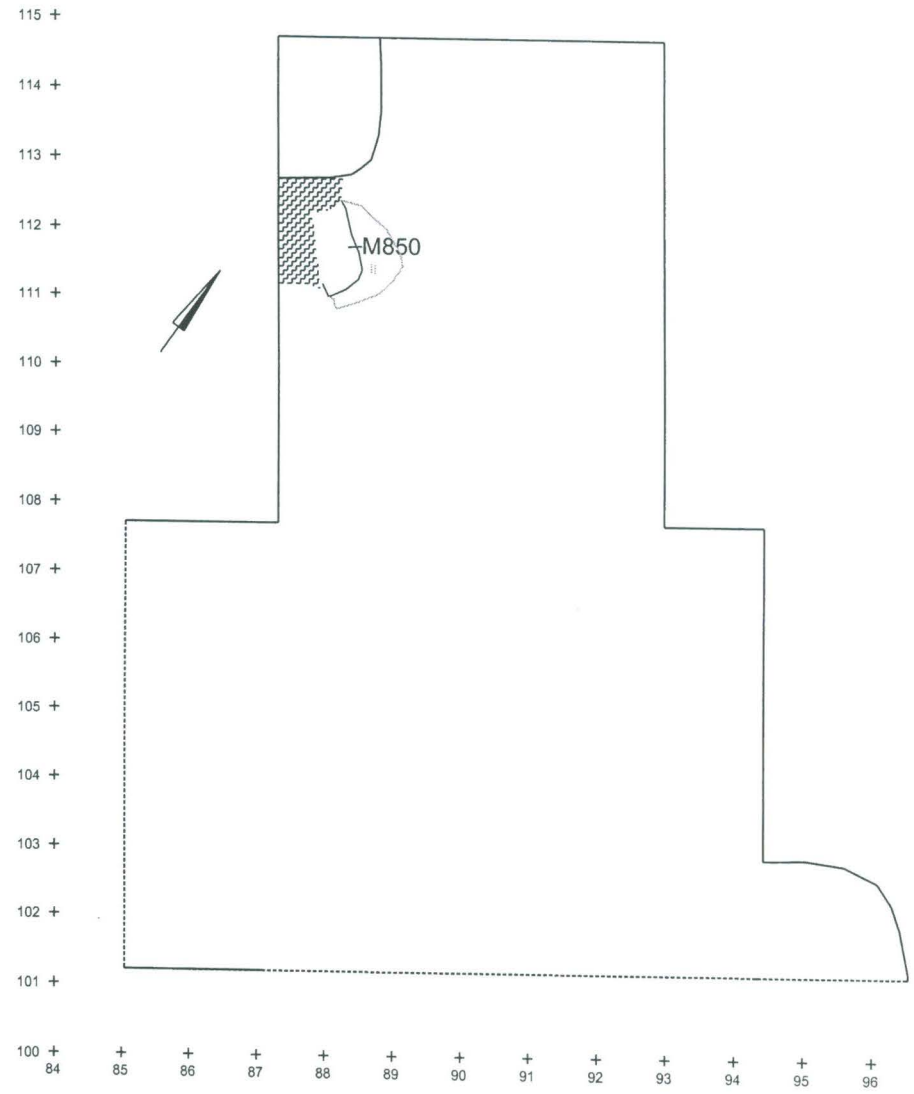
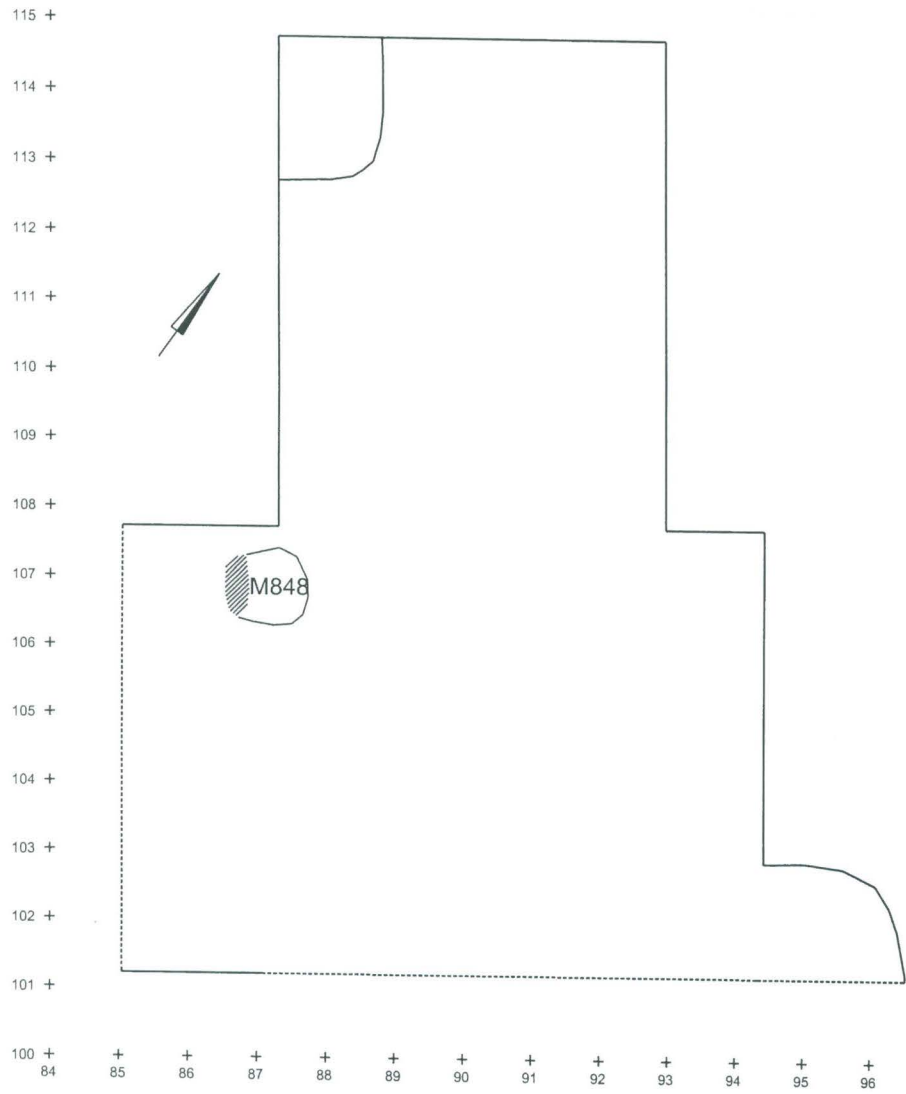


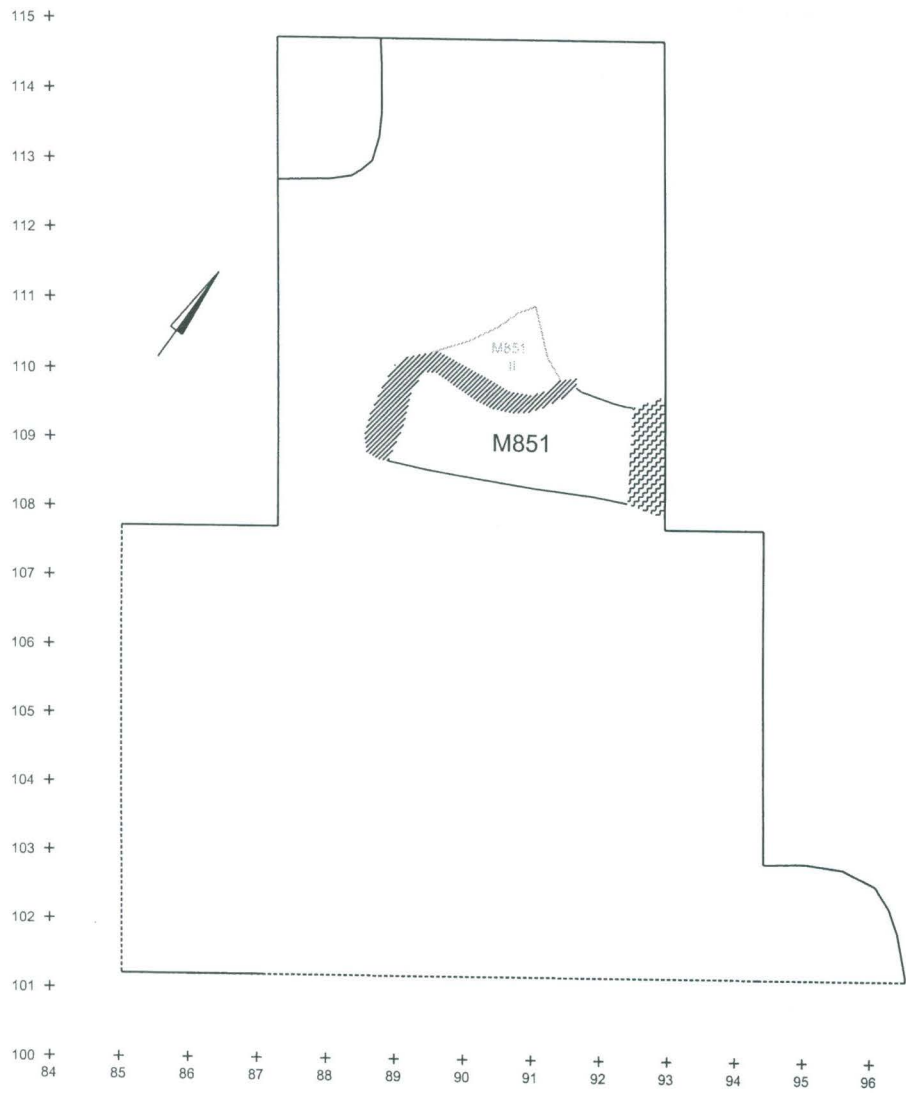


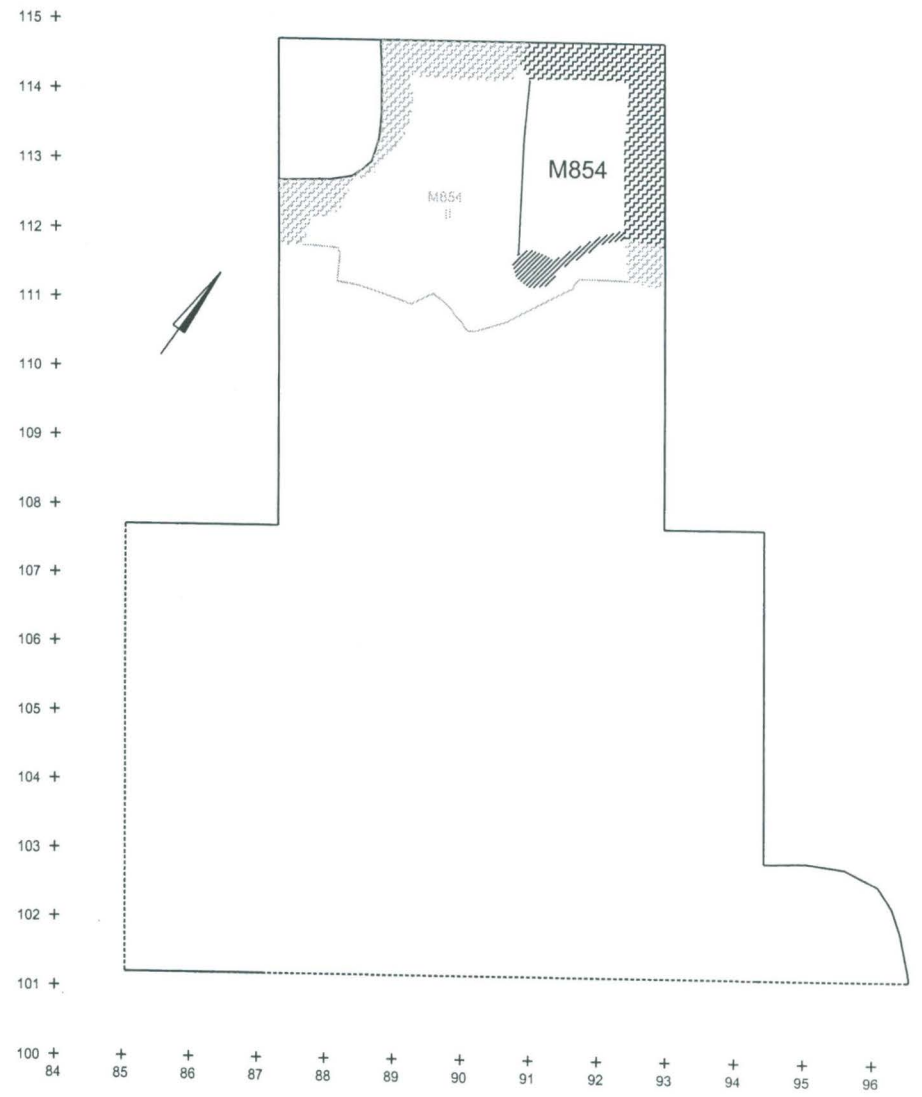
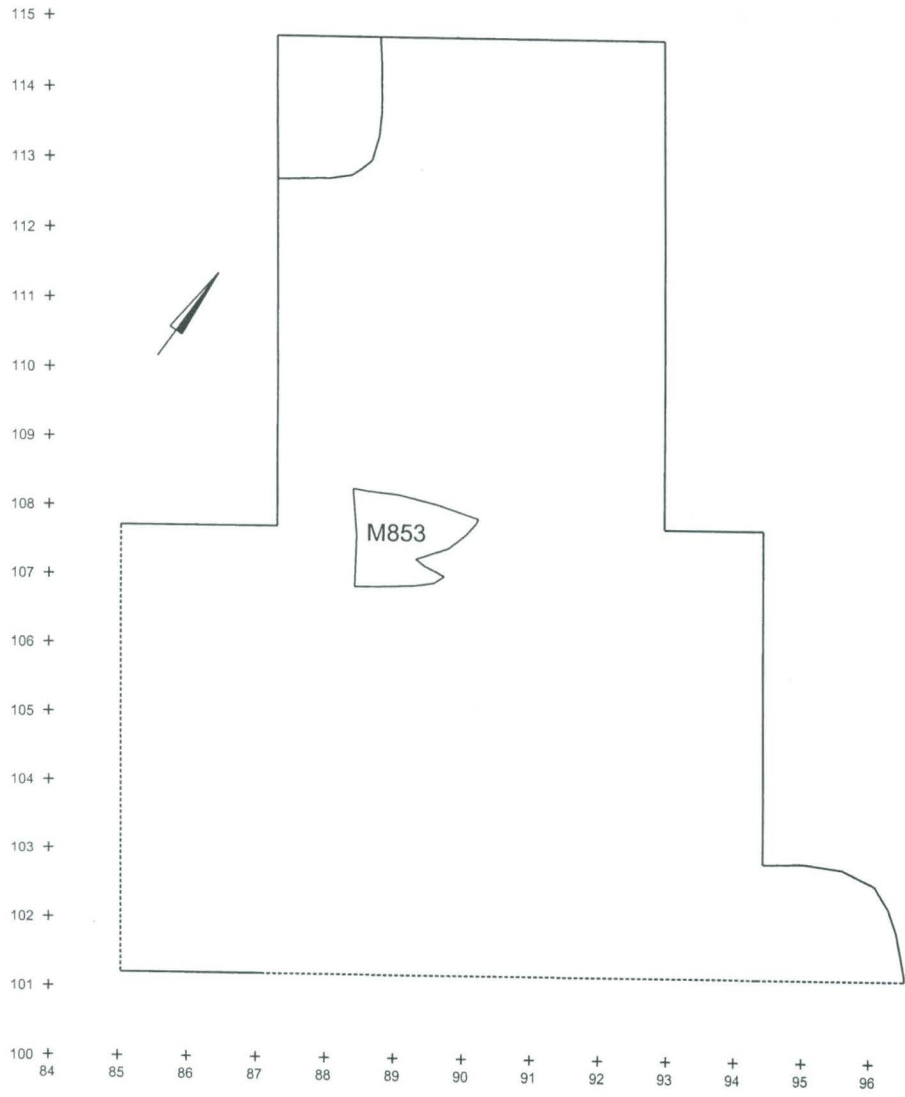


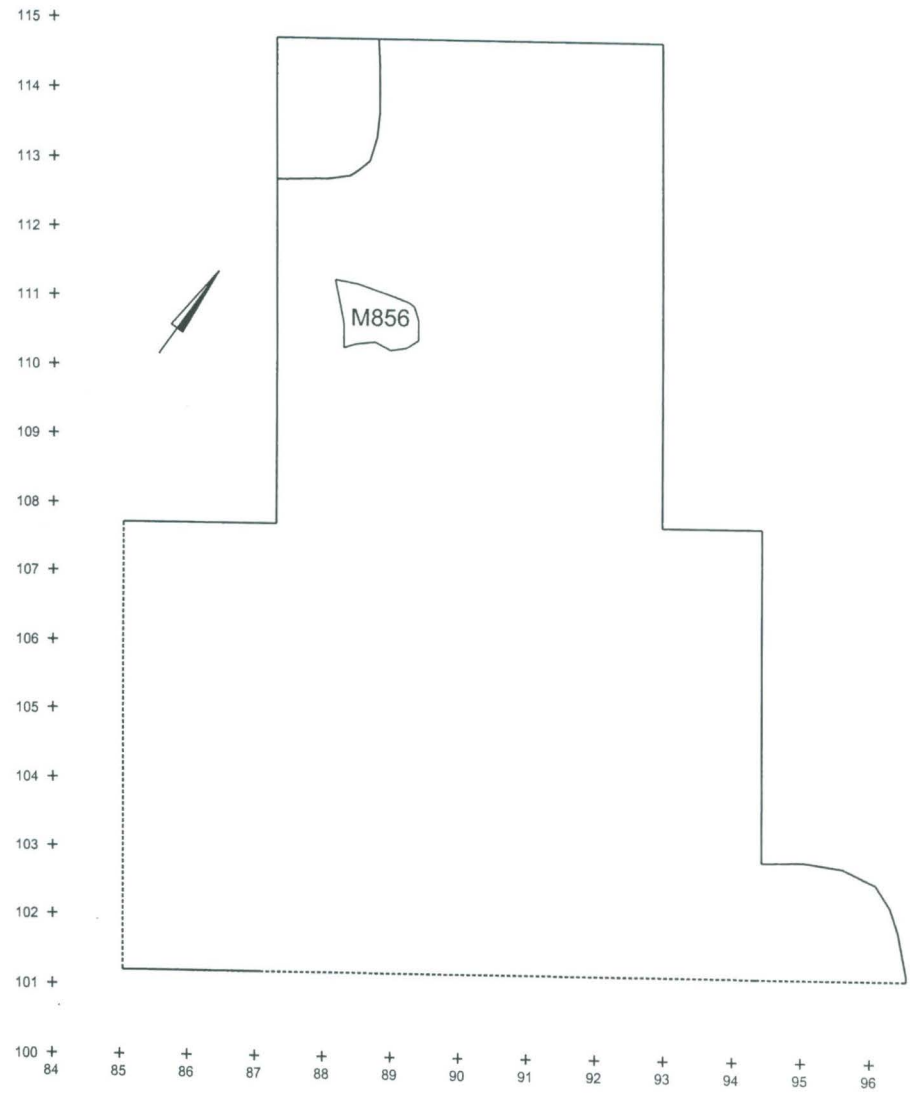
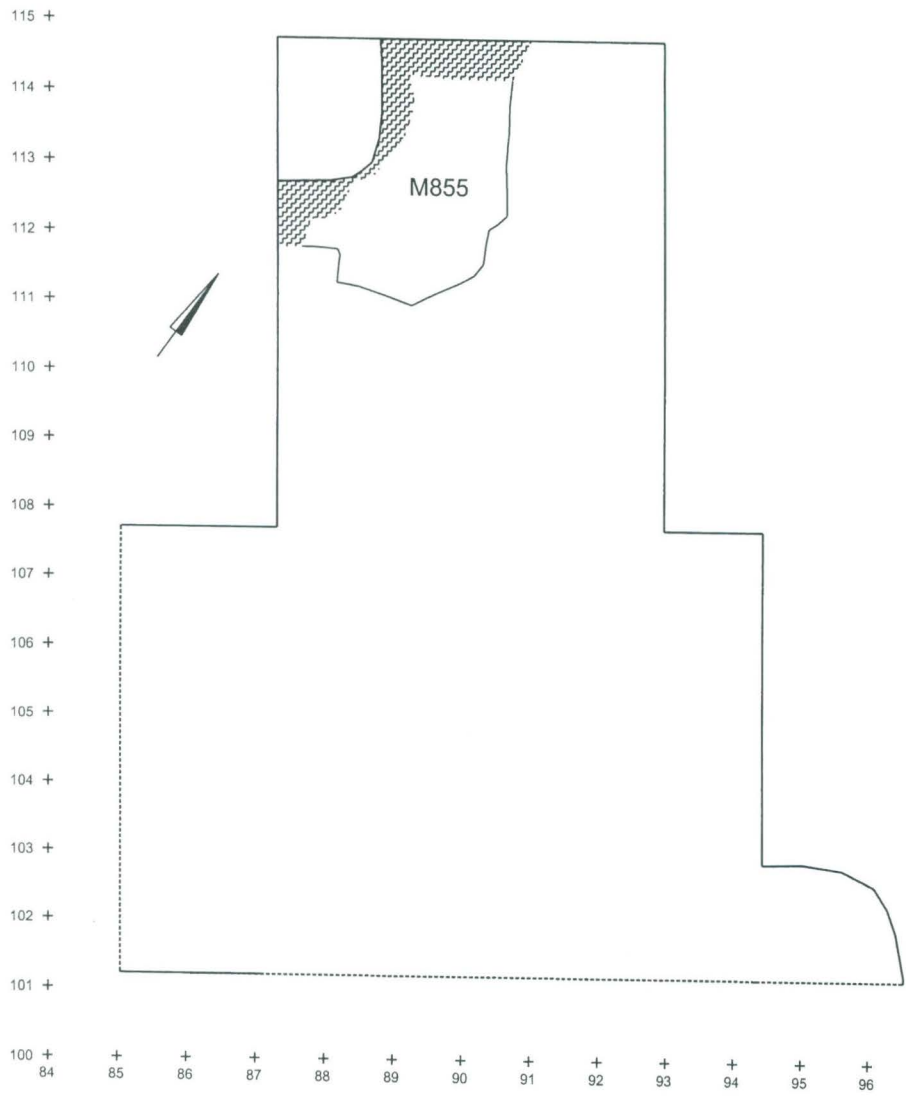


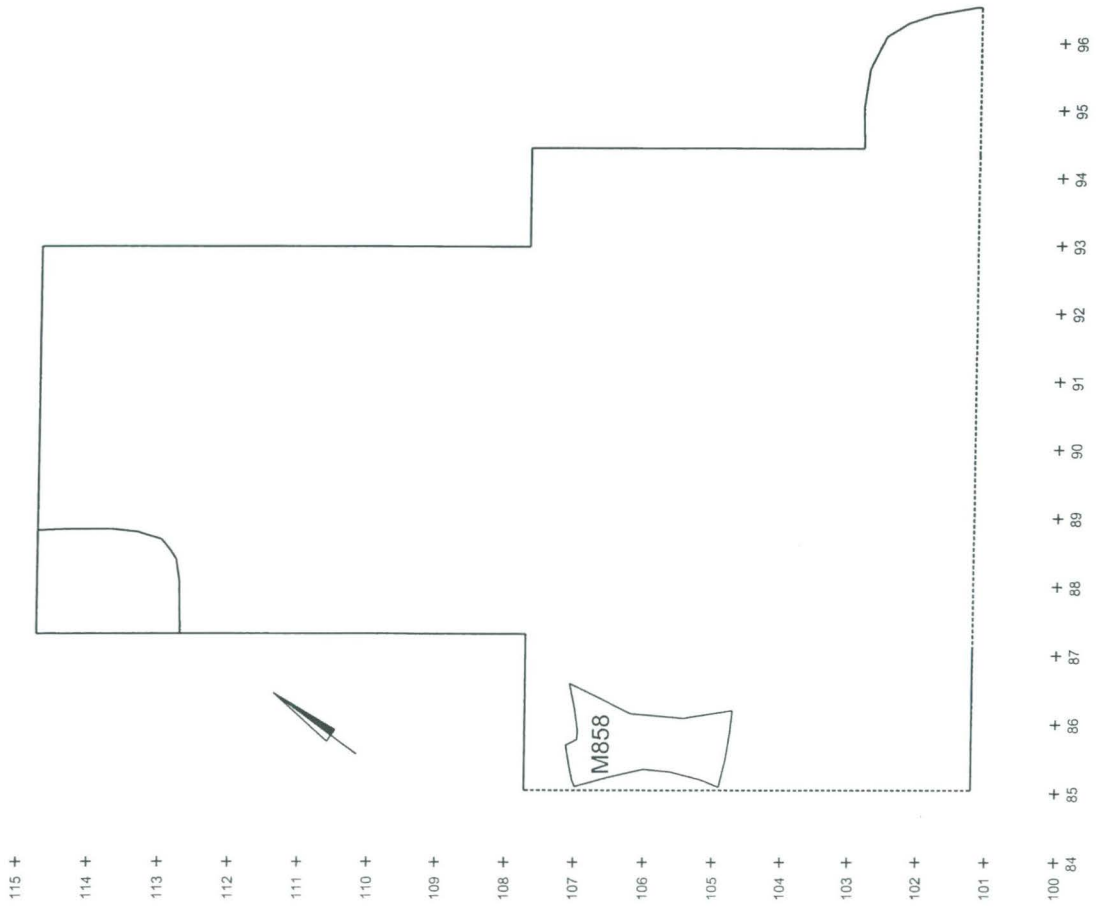
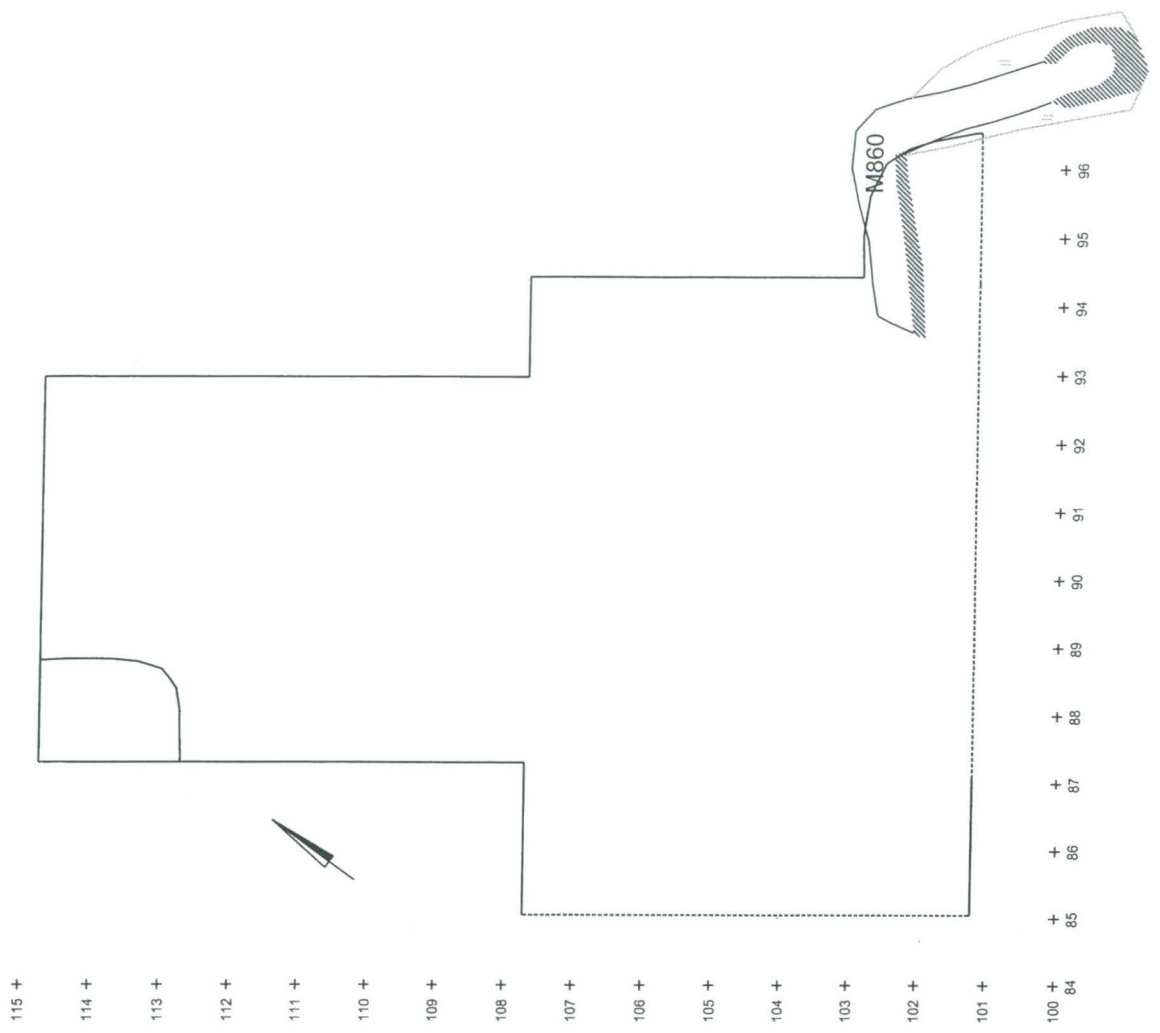


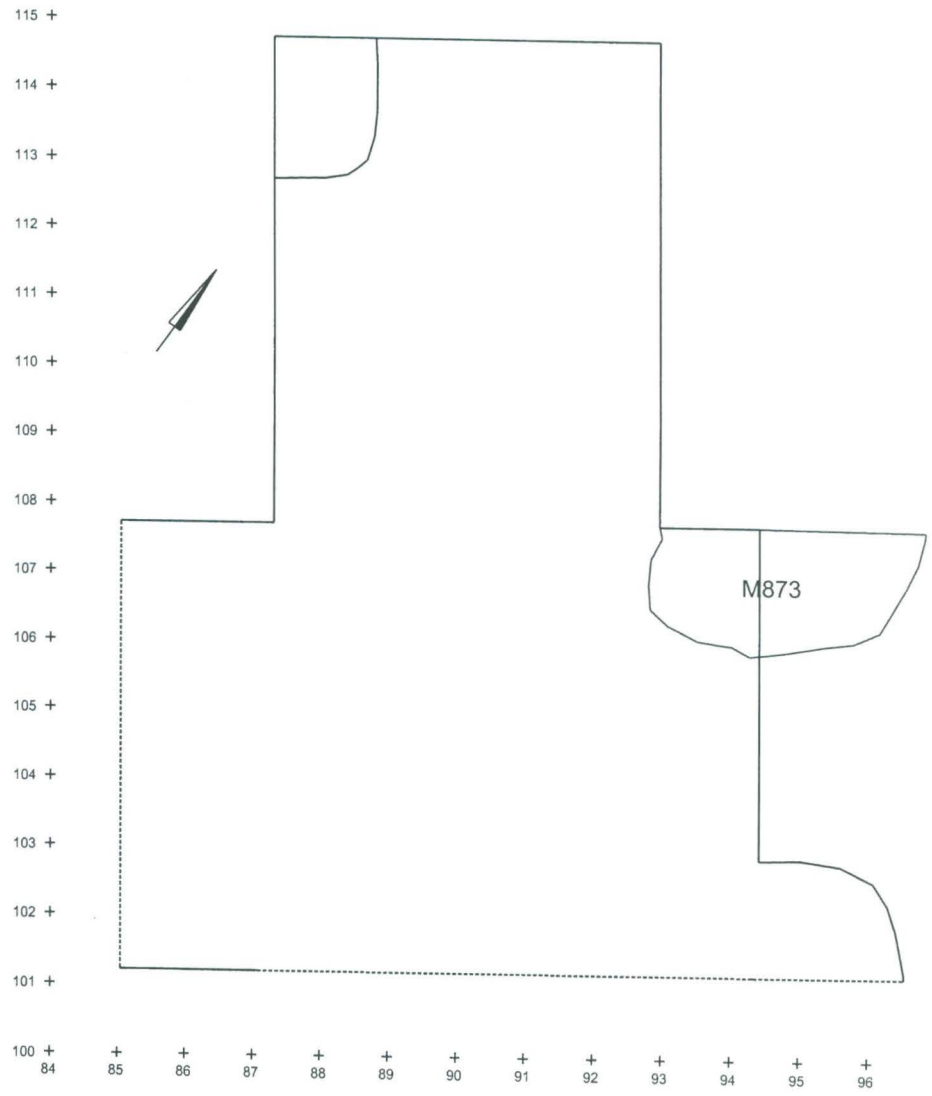
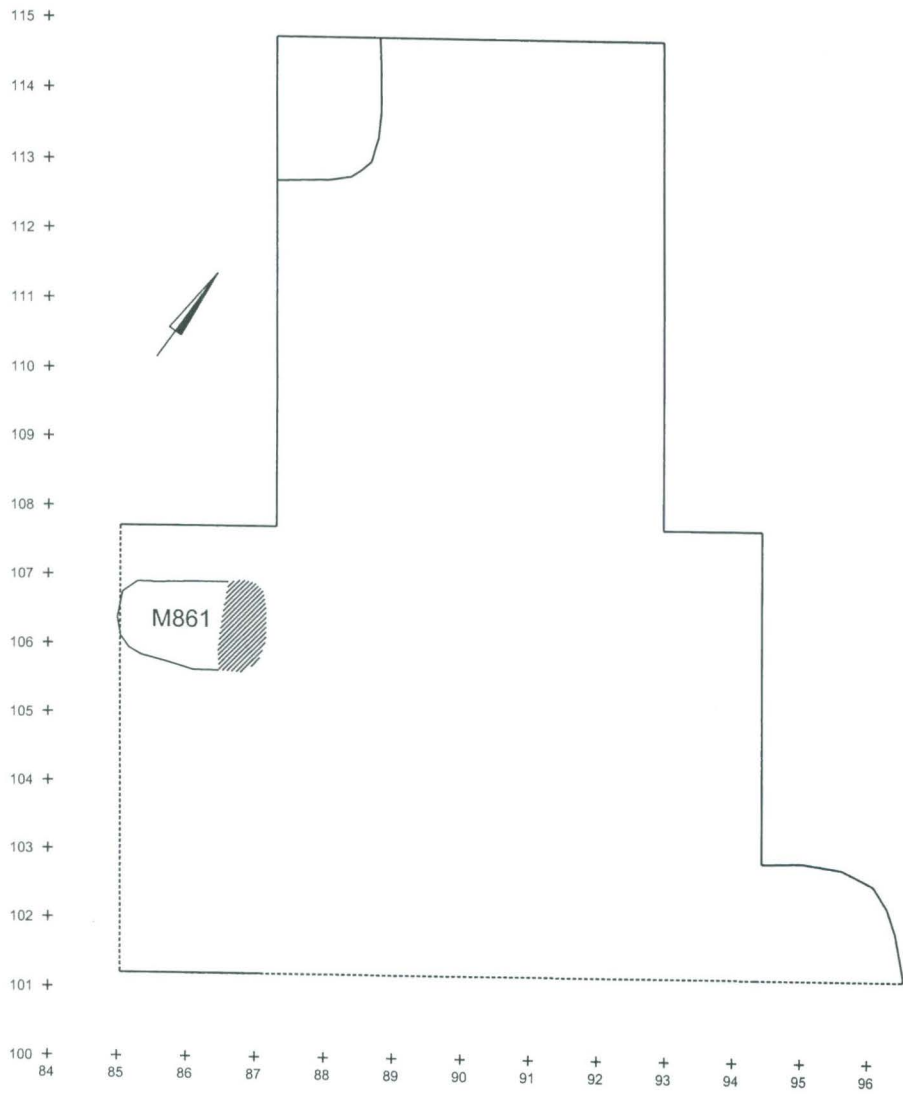




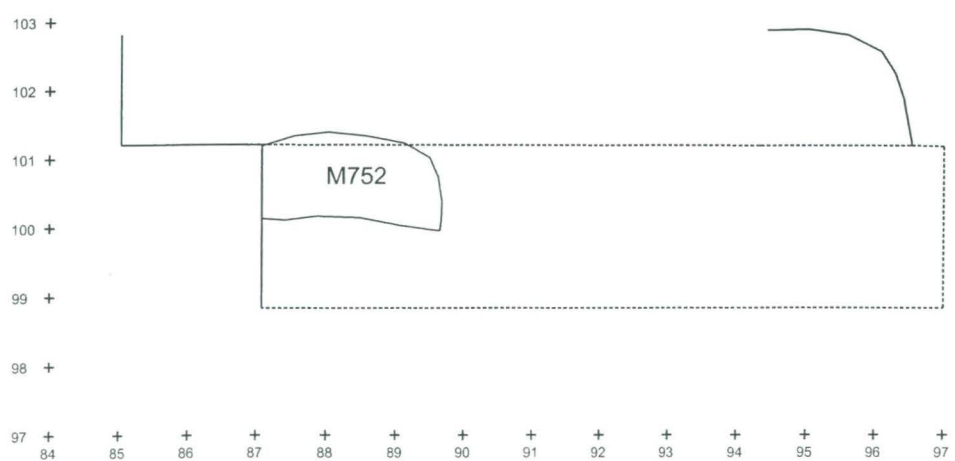
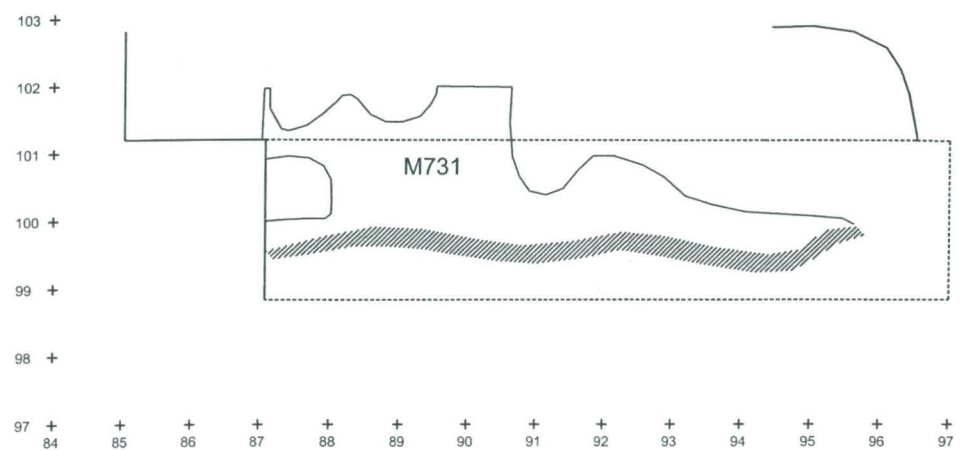
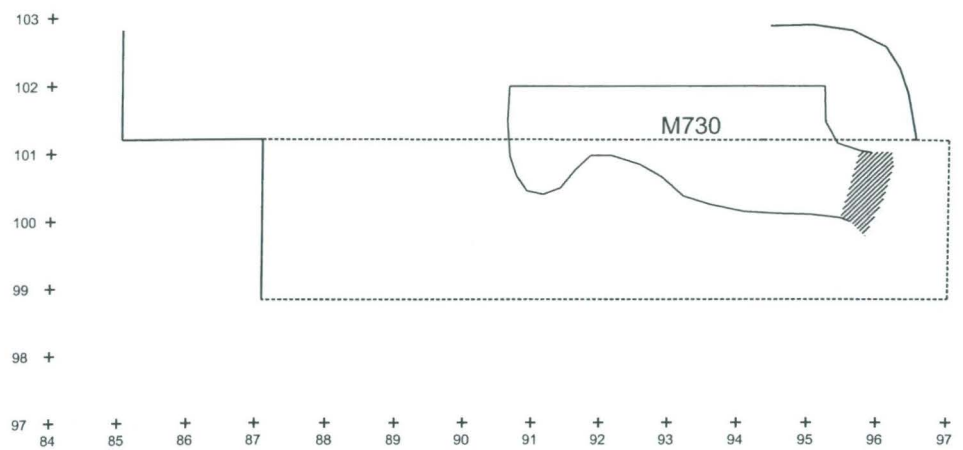
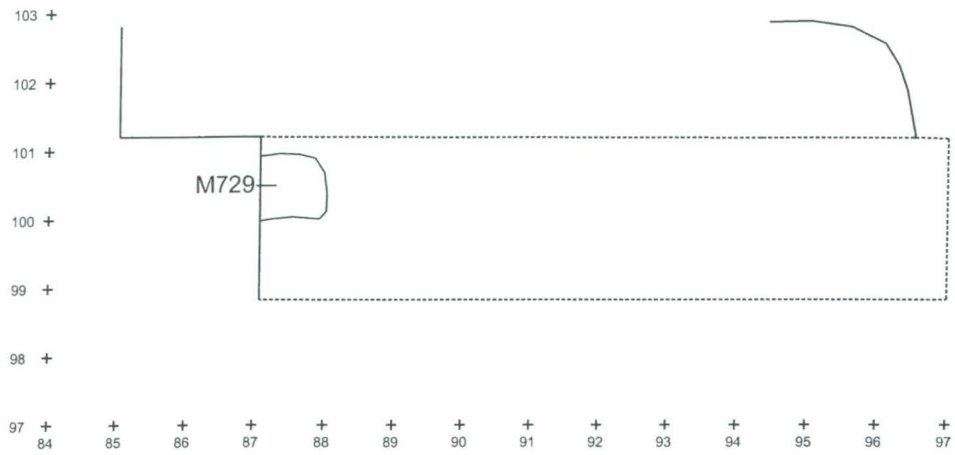


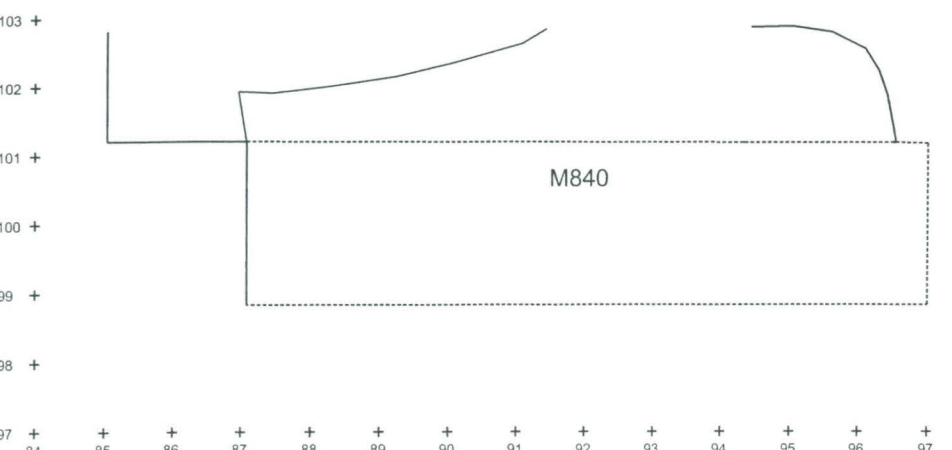
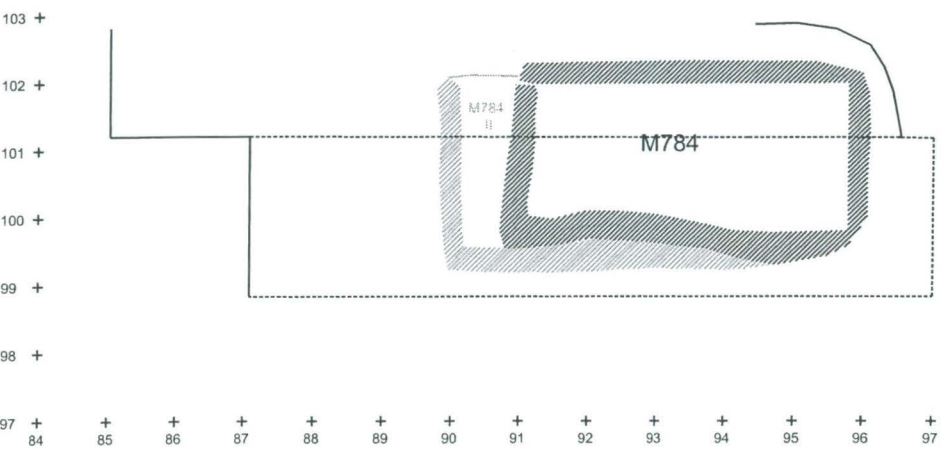
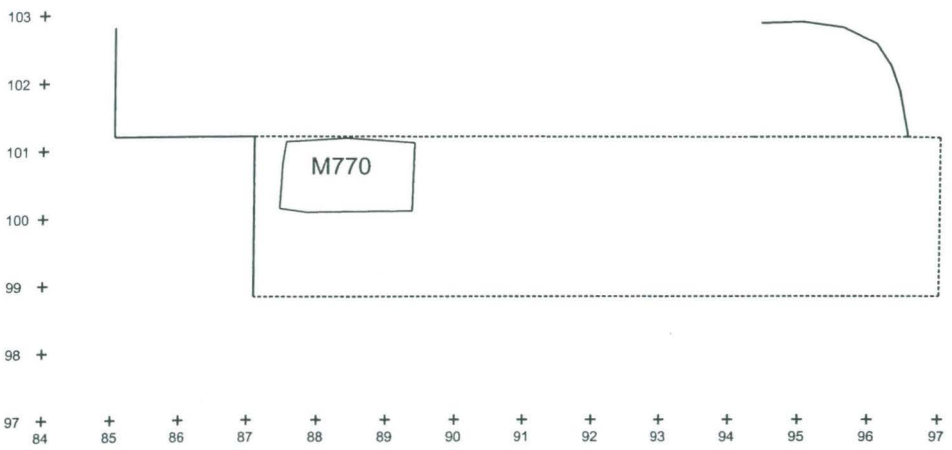
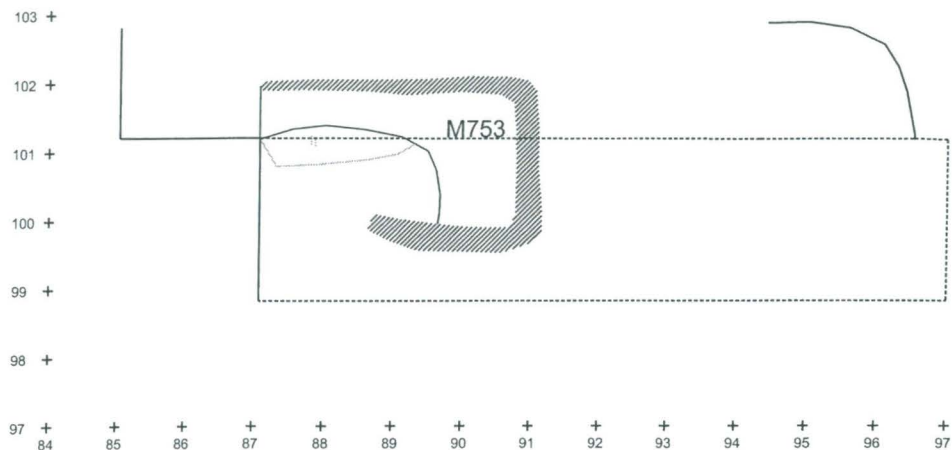


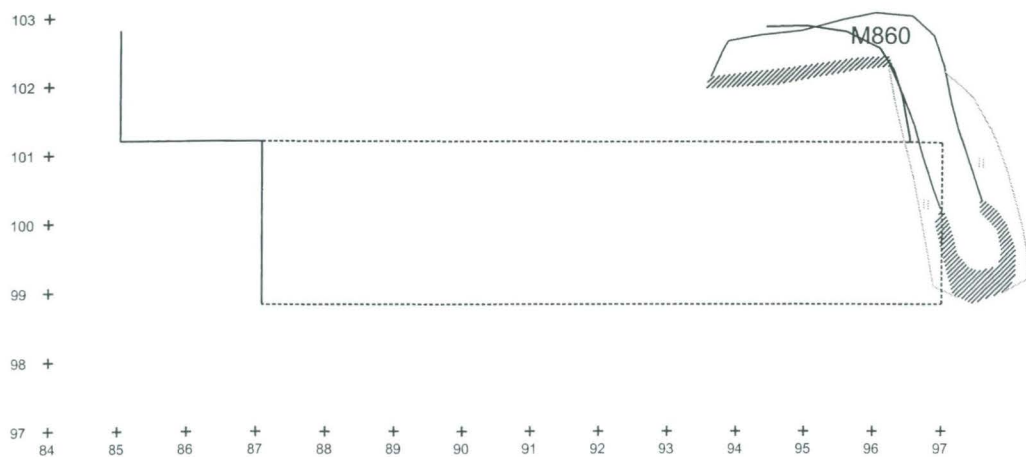
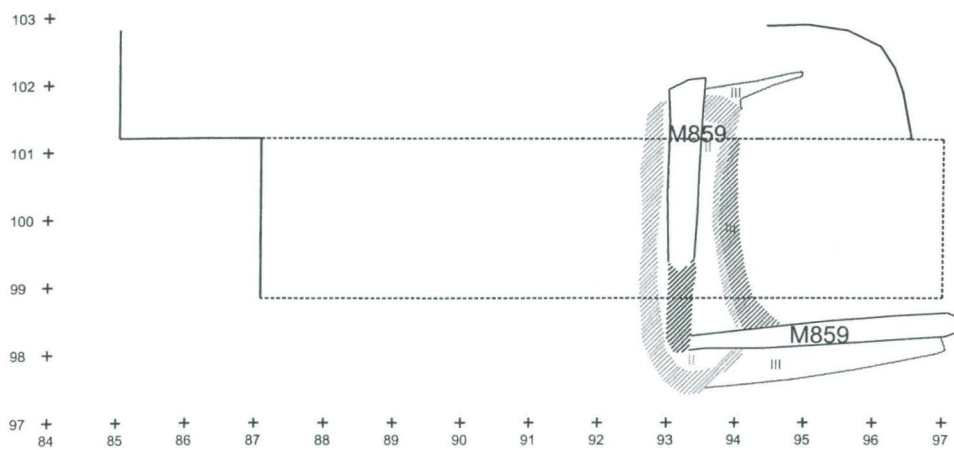
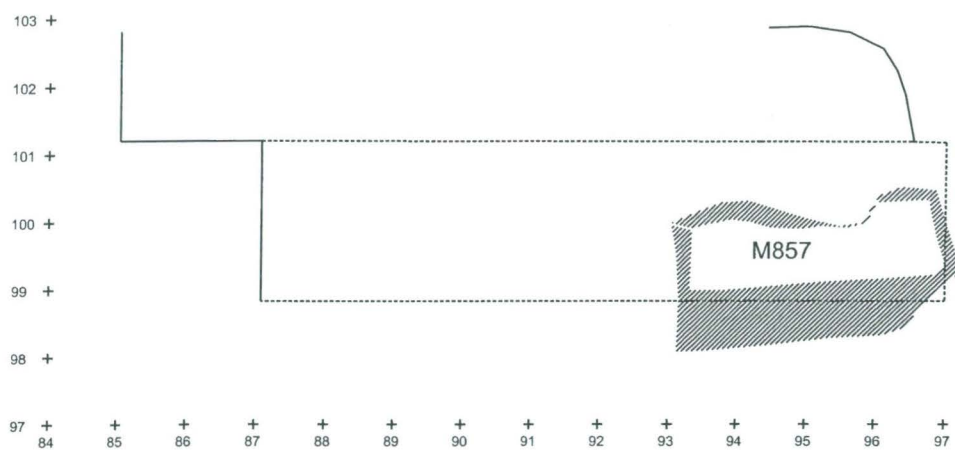
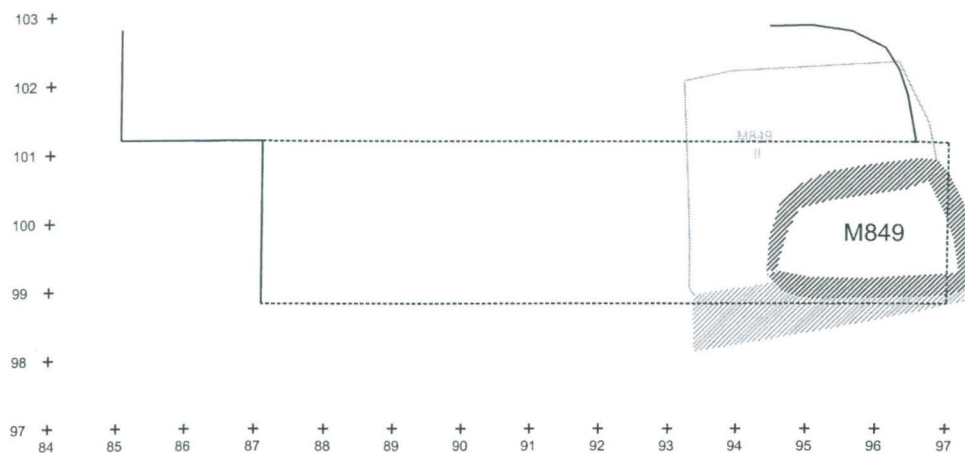


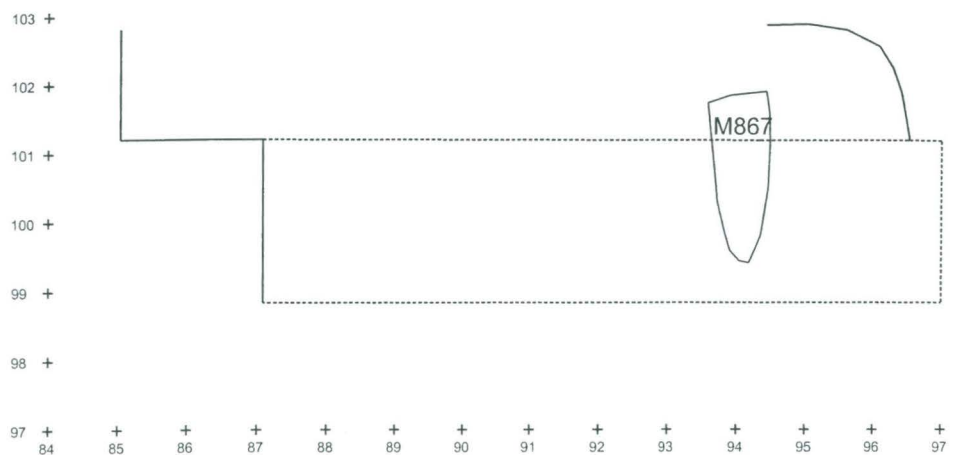
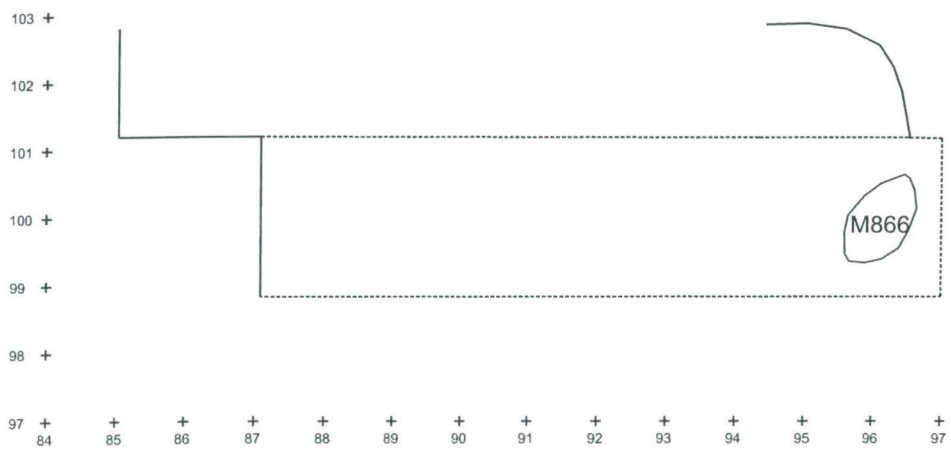
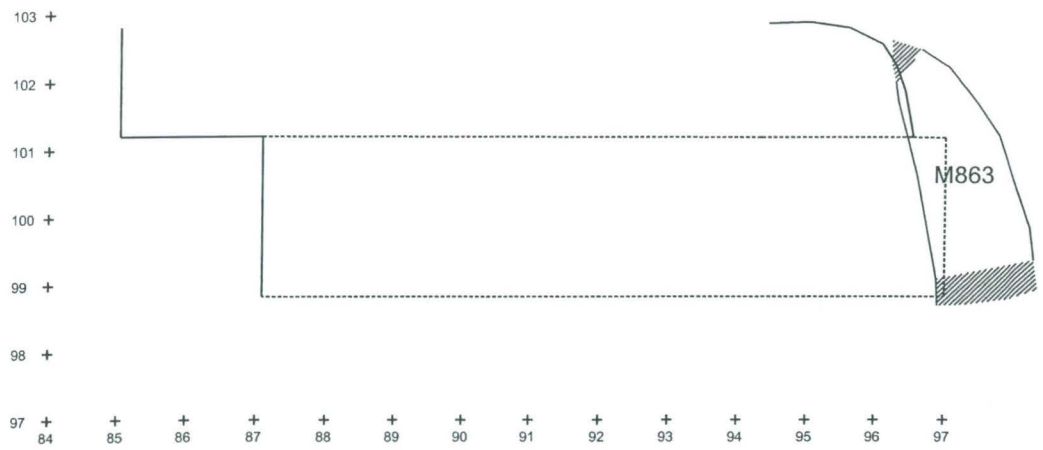
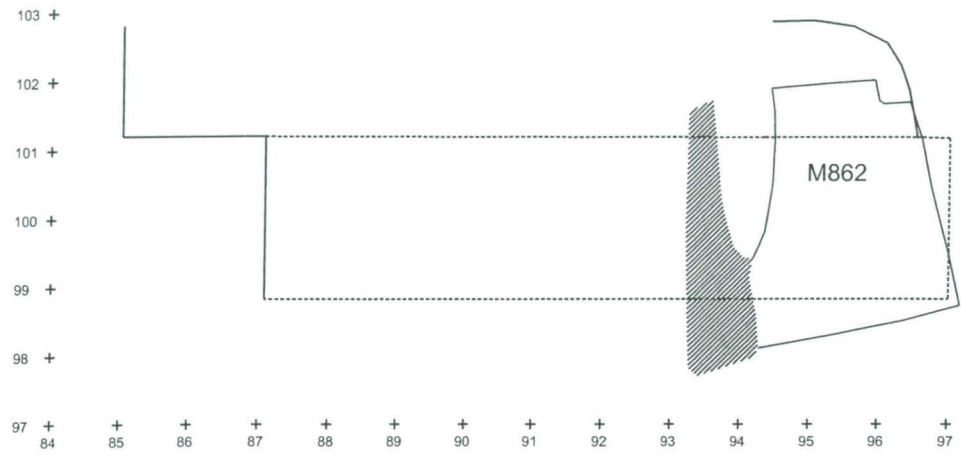


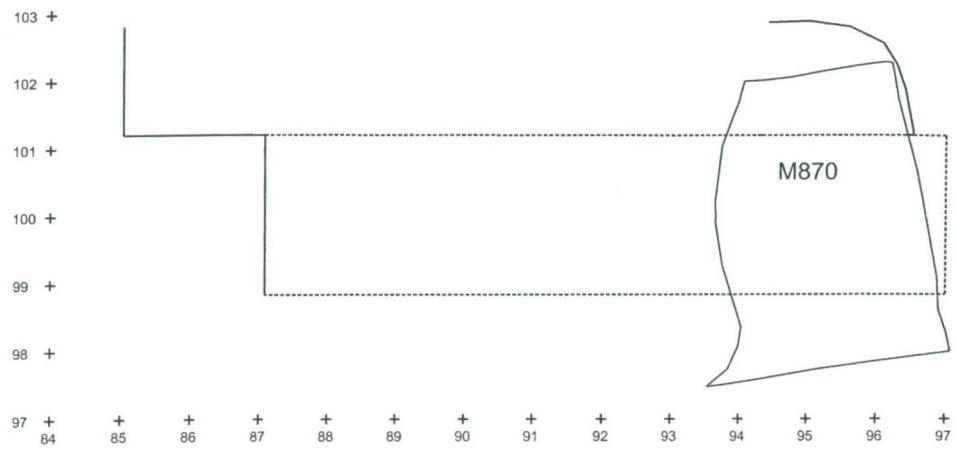
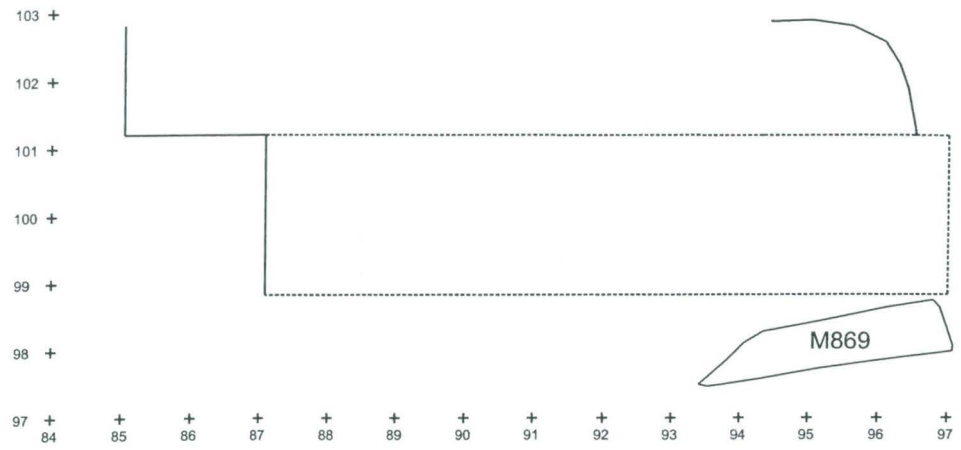
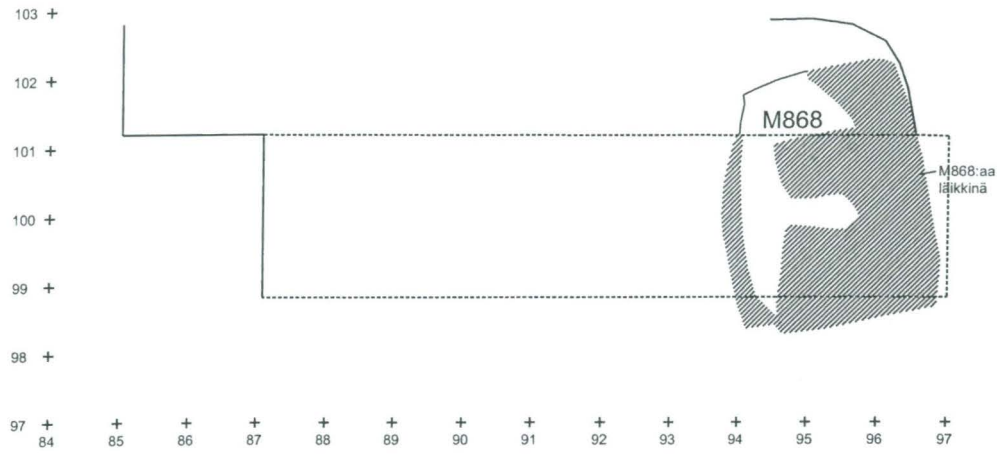












Turku Rettiginrinne 2000-2001  
Liite X  
Matriisit

## Maayksiköt matriiseissa

Silja Salminen

Matriisit on tehty alueittain. B-C- sekä G-H-alueet on yhdistetty samoihin matriiseihin. Lisäksi eräistä rakenteista ja niihin selvimmin liittyvistä maayksiköistä on tehty osamatriiseja.

Matriisit tehtiin ArchEd-ohjelmalla, joka osoittautui puutteelliseksi. Esim. eri alueiden matriisit voisi yhdistää yhdeksi suureksi eräiden yksiköiden avulla, mutta ohjelma ei salli tätä. Halutessa tämän voi yrittää tehdä tulosteiden avulla. Myöskään ohjelman tapa generoida kaavio ei tyydyttänyt. Siksi kaikki matriisit tallennettiin sekä generoimattomina että generoituina.

Generoinnin sijaan päädyttiin tekemään matriisit suoraan faasitetuina, eli sijoittelemaan yksiköt manuaalisesti summittaisille aikatasoille. Näin ollen suunnilleen samanaikaiset yksiköt ovat matriisissa **suunnilleen** samalla vaakatasolla, ja matriisin ylimmät maayksiköt ovat nuorimpia, alimmat vanhimpia. Nämä ajalliset suhteet ovat hyvin summittaisia. Vierekkäiset yksiköt eivät välttämättä ole aivan samanaikaisia, ja toisaalta samanaikaiset yksiköt ovat saattaneet eksyä muutaman vaakavälin päähän toisistaan. Järkevintä onkin tarkastella matriisin **useita vaakarivejä kerrallaan ajallisena kokonaisuutena**.

Sen sijaan yksittäiset yksiköiden väliset suhteet ovat varsin luotettavia, eli toisiinsa suhteessa olevista (eli viivan yhdistämistä) maayksiköistä ylempi on nuorempi, alempi taas vanhempi. Samanaikaisuus (a is contemporary with b) on merkitty vain, kun yksiköt on jollain erityisellä perusteella arvioitu yhtäaikaisiksi. Tavallisin tällainen tilanne on ns. maalinssi isomman maayksikön sisällä. Samanaikaisiksi merkityt yksiköt eivät välttämättä ole matriisissa täsmälleen vierekkäin, mutta niillä ei normaalisti ole eroa monta vaakaväliä.

Vielä eräs yksiköiden välinen suhde on yhtäläisyys (a is equal b). Lähinnä tämä suhde esiintyy kuopan ja sen täyttömaan välillä; esim. paalunsija on havaittu täyttömaaympyränä.

Muutamista rakenteista on tehty omat osamatriisit. Tällöin kyseessä on moniosainen rakenne tai kaksi tai useampia toisiinsa läheisesti liittyvää rakennetta, joihin liittyy vielä useita maayksiköitä rakennekokonaisuuden päällä, alla, vieressä ja sen osien väleissä. Alueen koko matriisissa tämä olisi omiaan vain monimutkaistamaan. On katsottu paremmaksi sijoittaa tällainen rakenne isoon matriisiin yhtenä yksikkönä ("Rakennus"-yksiköt) ja selventää stratigrafiaa erillisellä matriisilla.

Joitakin yksikköjä oli vaikea liittää matriisiin. Esim. kenttämuistiinpanot eivät selventäneet, mitä oli ollut yksikön päällä ja/tai alla. Vaikka vierekkäisyyttä ei tavallisesti voi pitää erityisen merkitseväna suhteena, näissä tapauksissa yksikkö saatettiin sitoa matriisiin merkitsemällä "samanaikaiseksi" kentällä vieressä olleen yksikön kanssa. Tällaiset ongelmatapaukset erottunevat matriisissa irrallisen sijaintinsa ja vähien suhteidensa, ehkä vain yhden, perusteella.



## Rakenteet matriiseissa

Tanja Ratilainen

Matriisit on tehty kaivausalueittain. G- ja H- ja B-C –alueet on käytännön syistä yhdistetty.

Kuhunkin matriisiin on merkitty = suhteet eri alueiden välillä. Myös vuoden 2000 yksiköitä on tarpeen mukaan matriiseissa.

Rakennuksista on tehty osamatriisit päämatriisin selventämiseksi. Päämatriisiin on sijoitettu vain rakennus ja pääasiassa sen yläpuoliset ja alapuoliset maakerrokset.

Päämatriisi ei ilmaise pelkkiä fyysisiä stratigrafisia suhteita, vaan on ns. tulkittu matriisi.

Ts. jos esim. rakenneyksiköt ovat päällekkäin, mutta ne on tulkittu samanaikaisiksi tai samaksi rakenteeksi, ne on sijoitettu matriisiin contemporary tai equal –suhteella. **Rakennelomakkeista saa selville yksityiskohtaiset suhteet.**

Yksikkötietokantaa ei ole lähdetty rakenteiden ja maakerrosten suhteen yhtenäistämään. Maayksikkövastaavan ja rakennevastaavan havainnot esim. suhteiden määrästä voivat erota. Mahdolliset ristiriidat on ratkaistu matriisin laatimisen yhteydessä. Mutta kaikkia kysymysmerkkejä ei ole lähdetty väkisin ”runnomaan selviksi”.

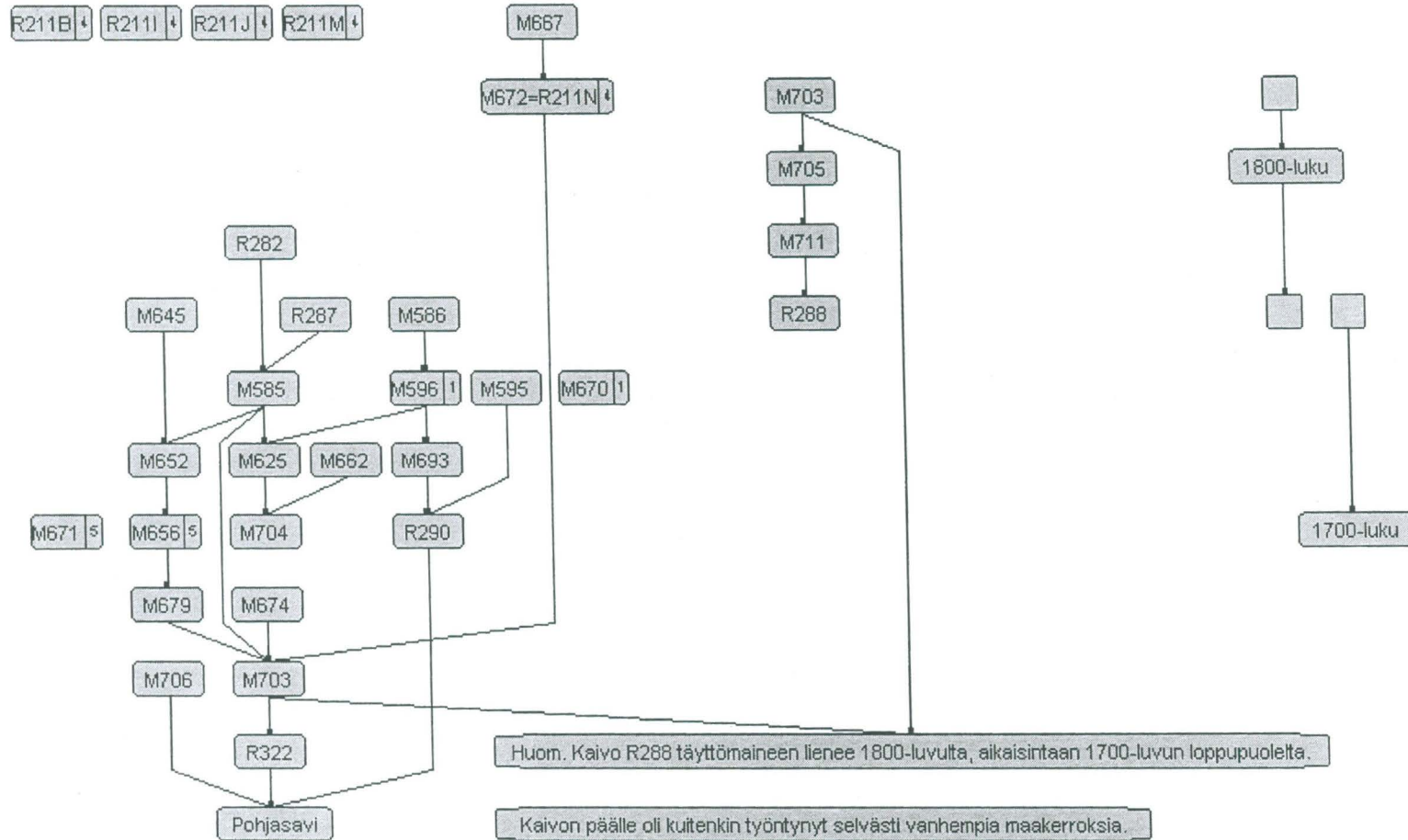
Paaluja tms. rakenteita, jotka ovat yksittäisiä ilmiöitä ja joita ei voi varsinaisesti liittää mihinkään tai on tultu siihen tulokseen, etteivät ole mitään, ei ole merkitty matriisiin.

Päämatriisiin ei ole merkitty alakirjaimia, jos kaksi samalla alueella erillään olevaa yksikköä ovat varmasti samaa rakennetta.

Ks. Myös tiedosto Rakenneyksikkönumeroinnin periaatteista.



## F-alueen matriisi, faasitettu



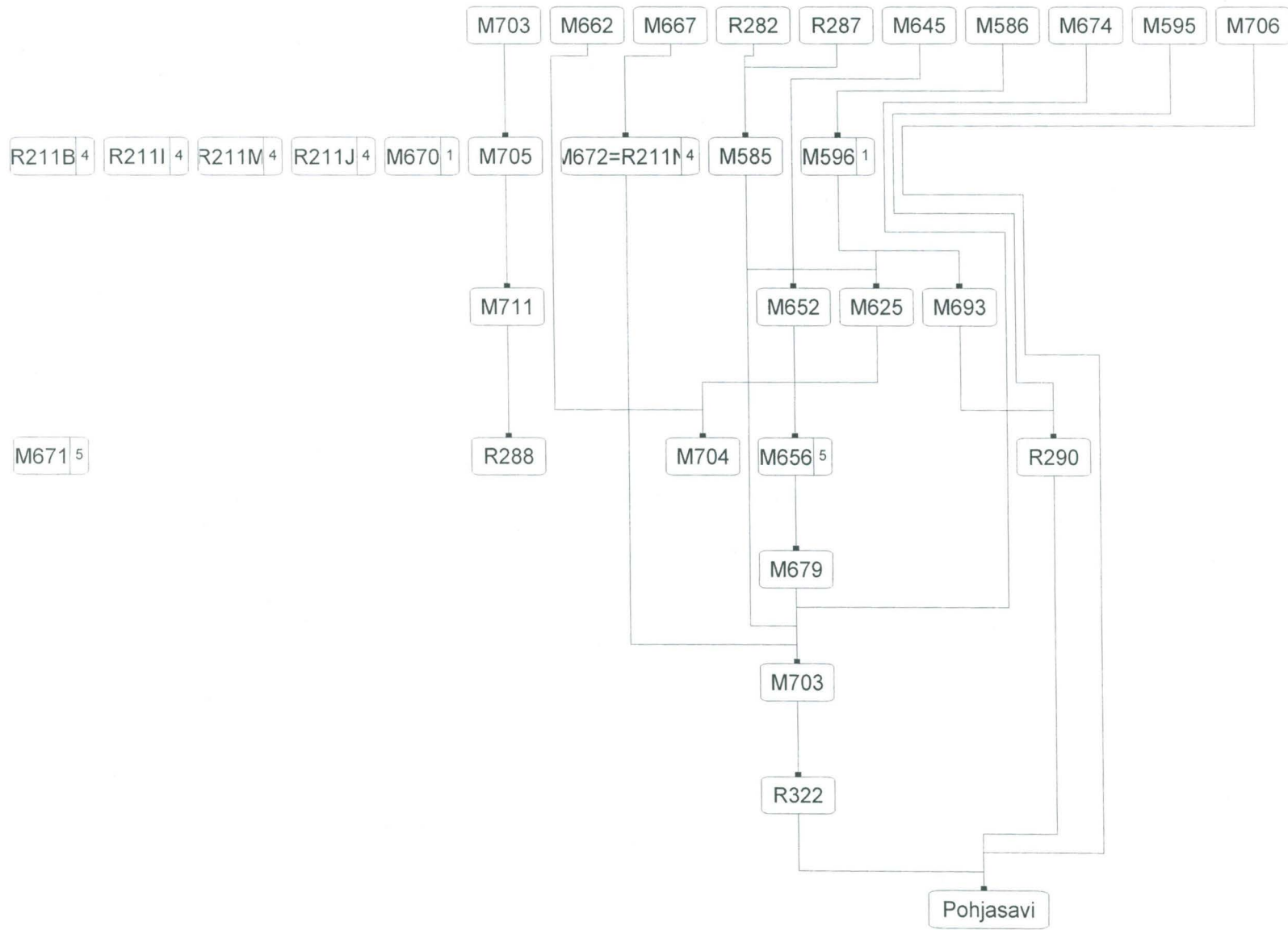
Huom. Kaivo R288 täyttömaakerros lienee 1800-luvulta, aikaisintaan 1700-luvun loppupuolelta.

Kaivon päälle oli kuitenkin työntynyt selvästi vanhempia maakerroksia.

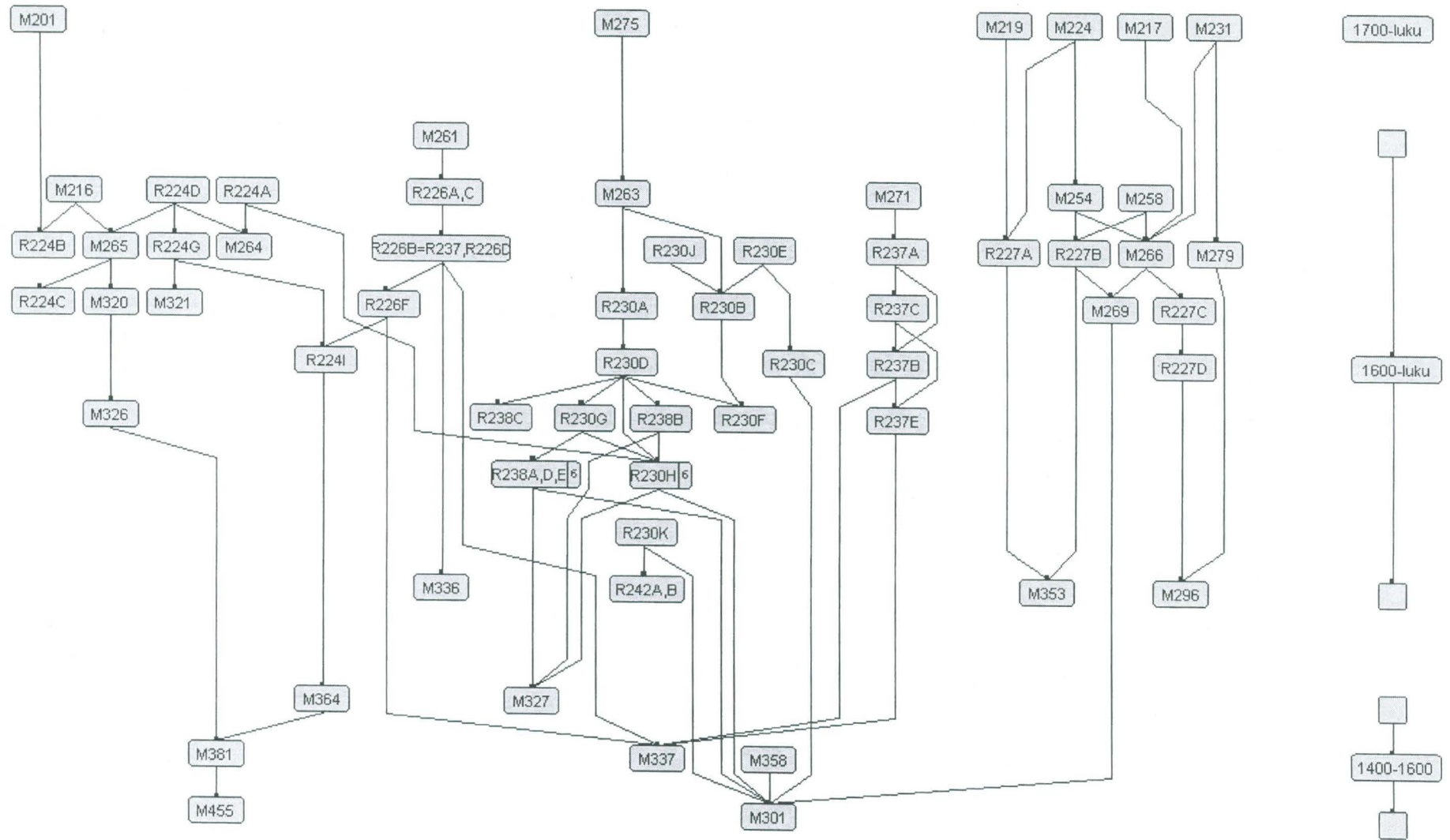
Siksi kaivon ylin täyttömaakerros M703 on sijoitettu kahteen sekvenssiin,

sekä ehkä 1600-luvun maayksikköjen alle että 1800-luvun kaivon erilliseen sekvenssiin.

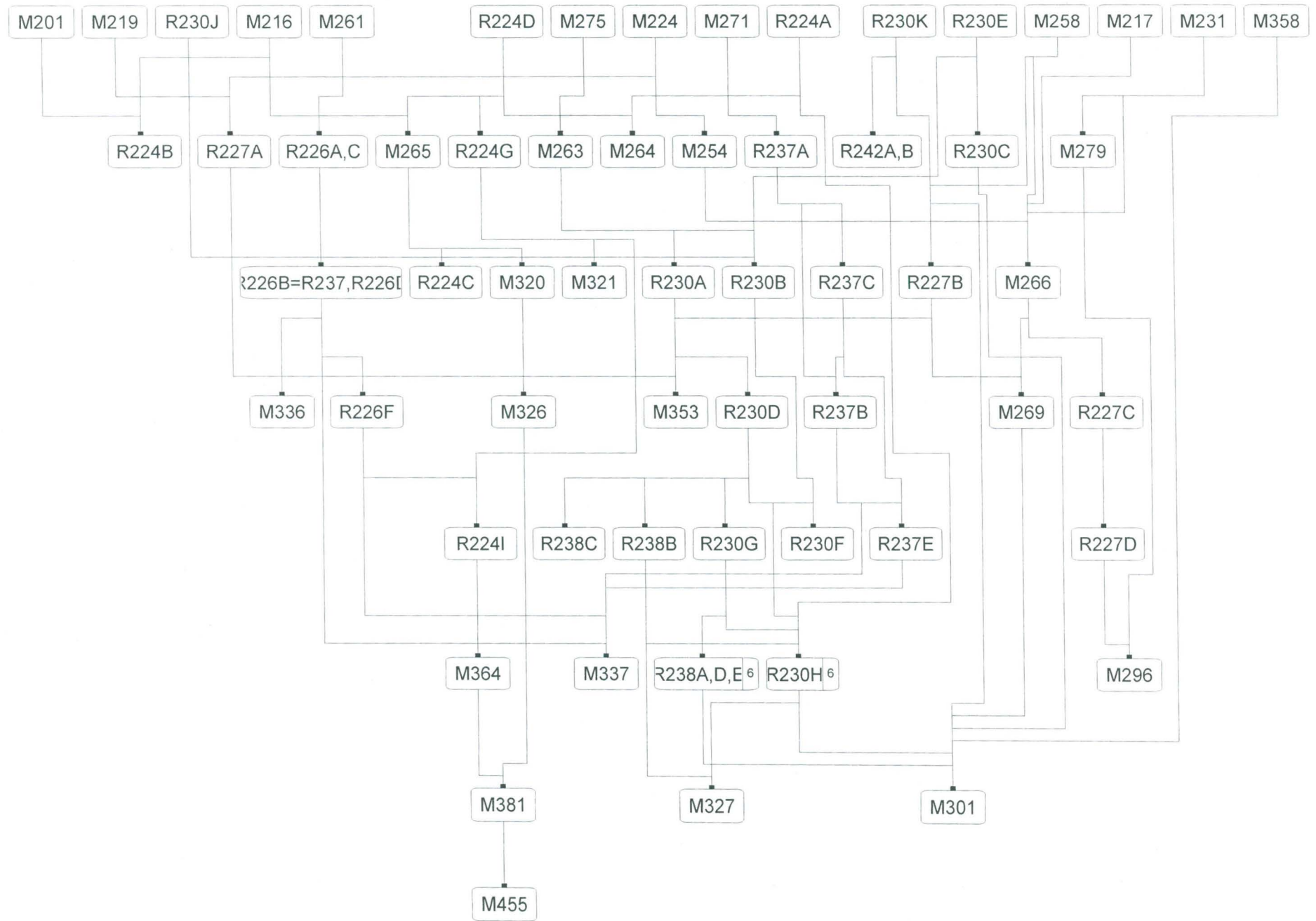
F-alue, generoitu



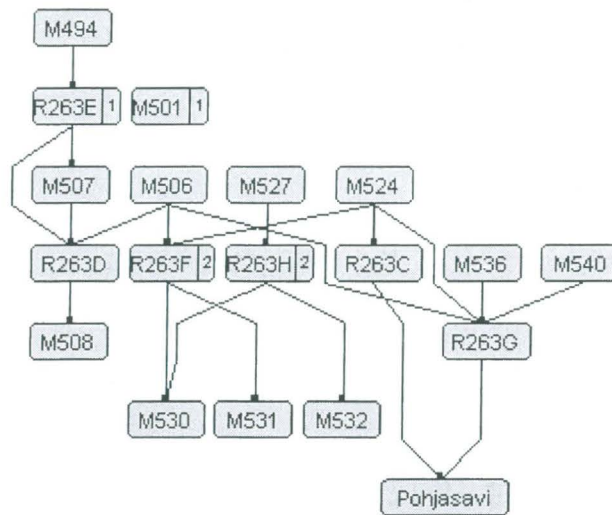
# Rakennus 2, matriisi



Rakennuksen 2 generoitu matriisi

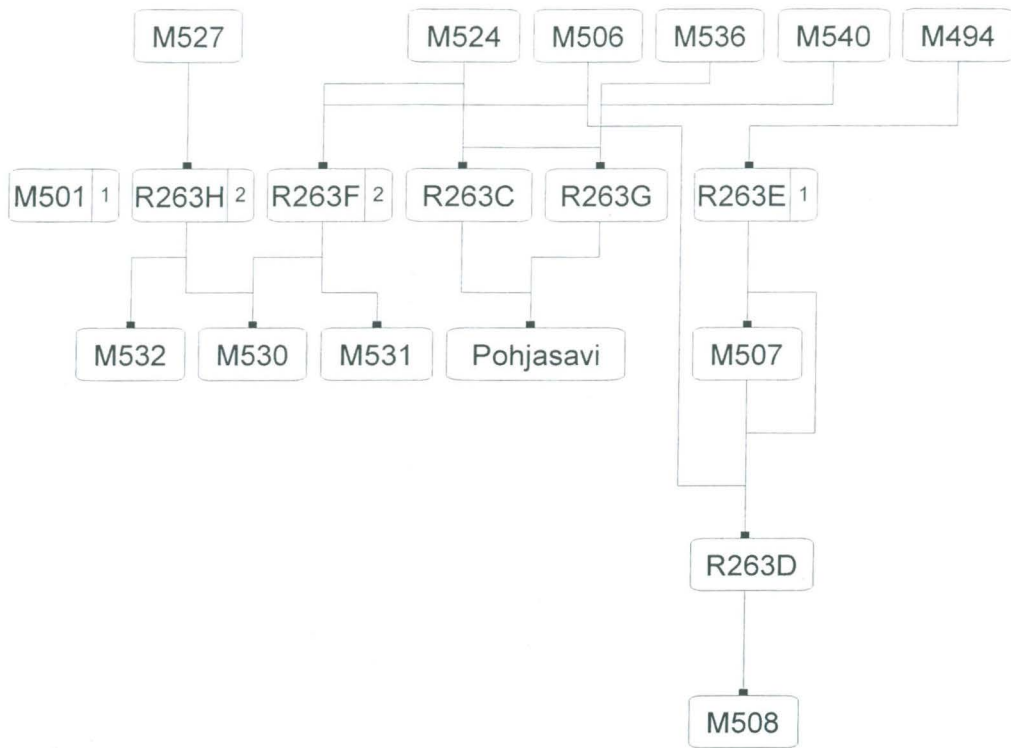


## Rakennus 4, matriisi

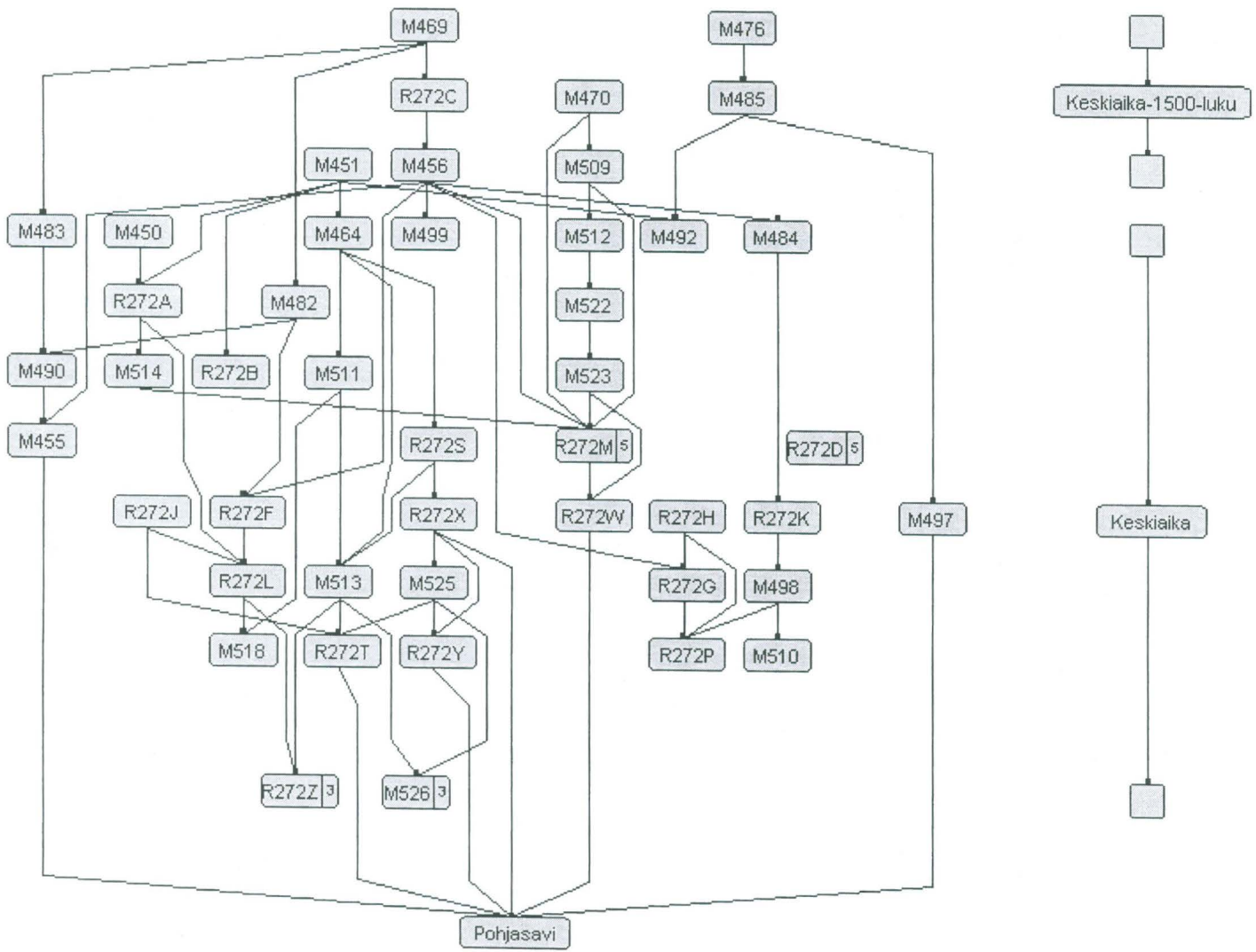


M508:n ja R263D:N suhde epäselvä. Toisen tiedon mukaan R263D ympäröi M508:aa, jolloin M508 olisi nuorempi yksikkö?

Rakennuksen 4 generoitu matriisi

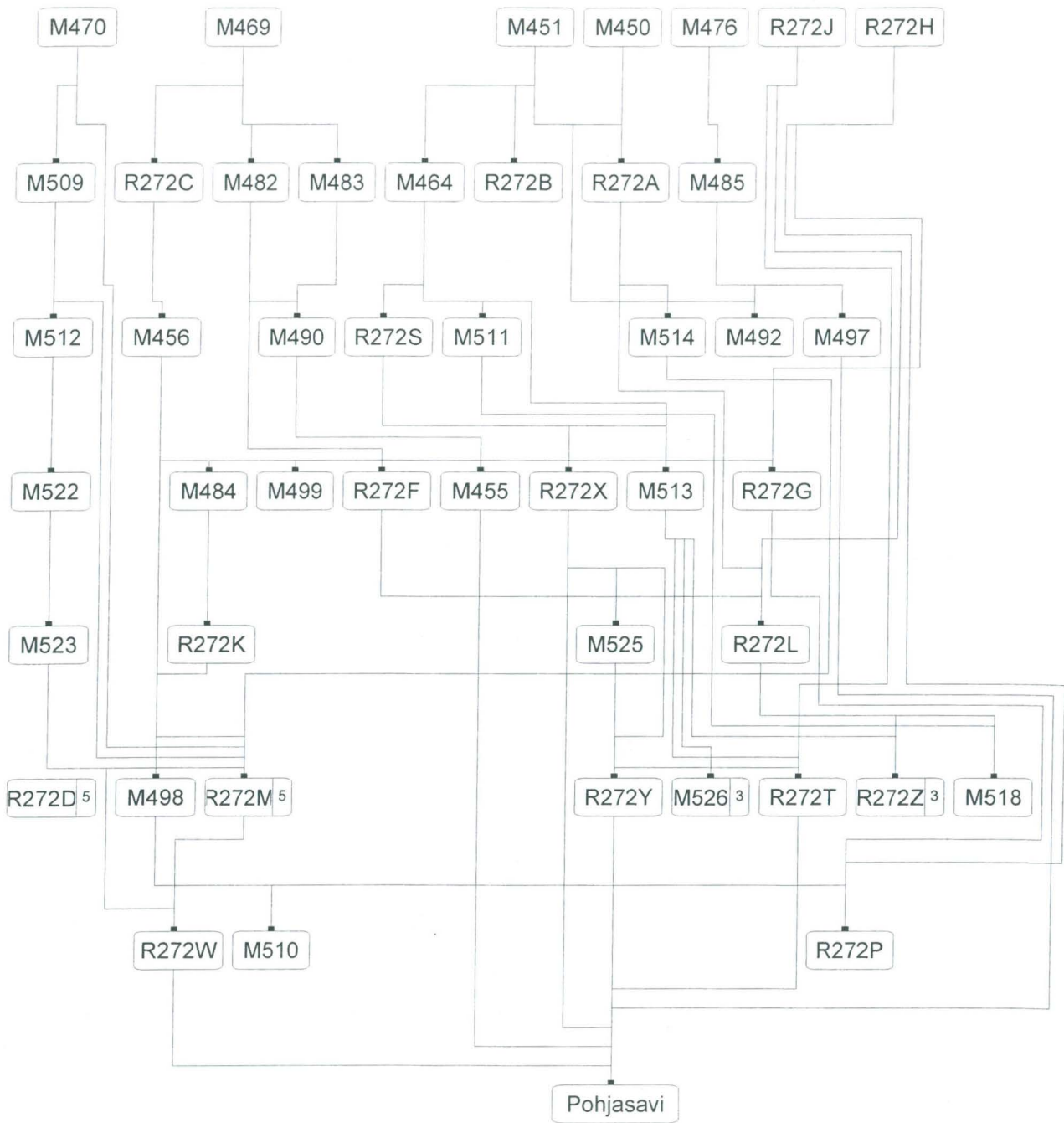


**Rakennus 5, matriisi**



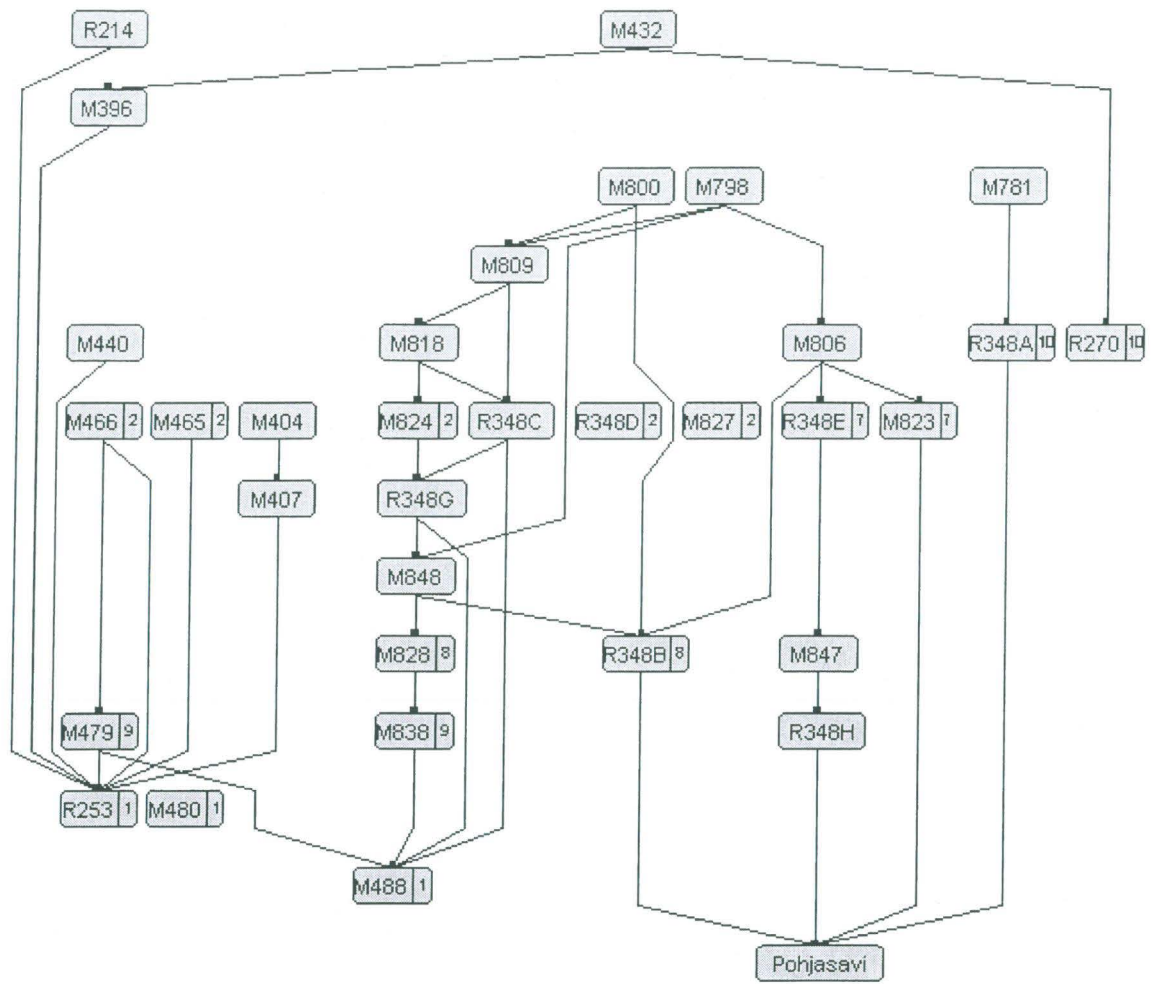


Rakennuksen 5 generoitu matriisi

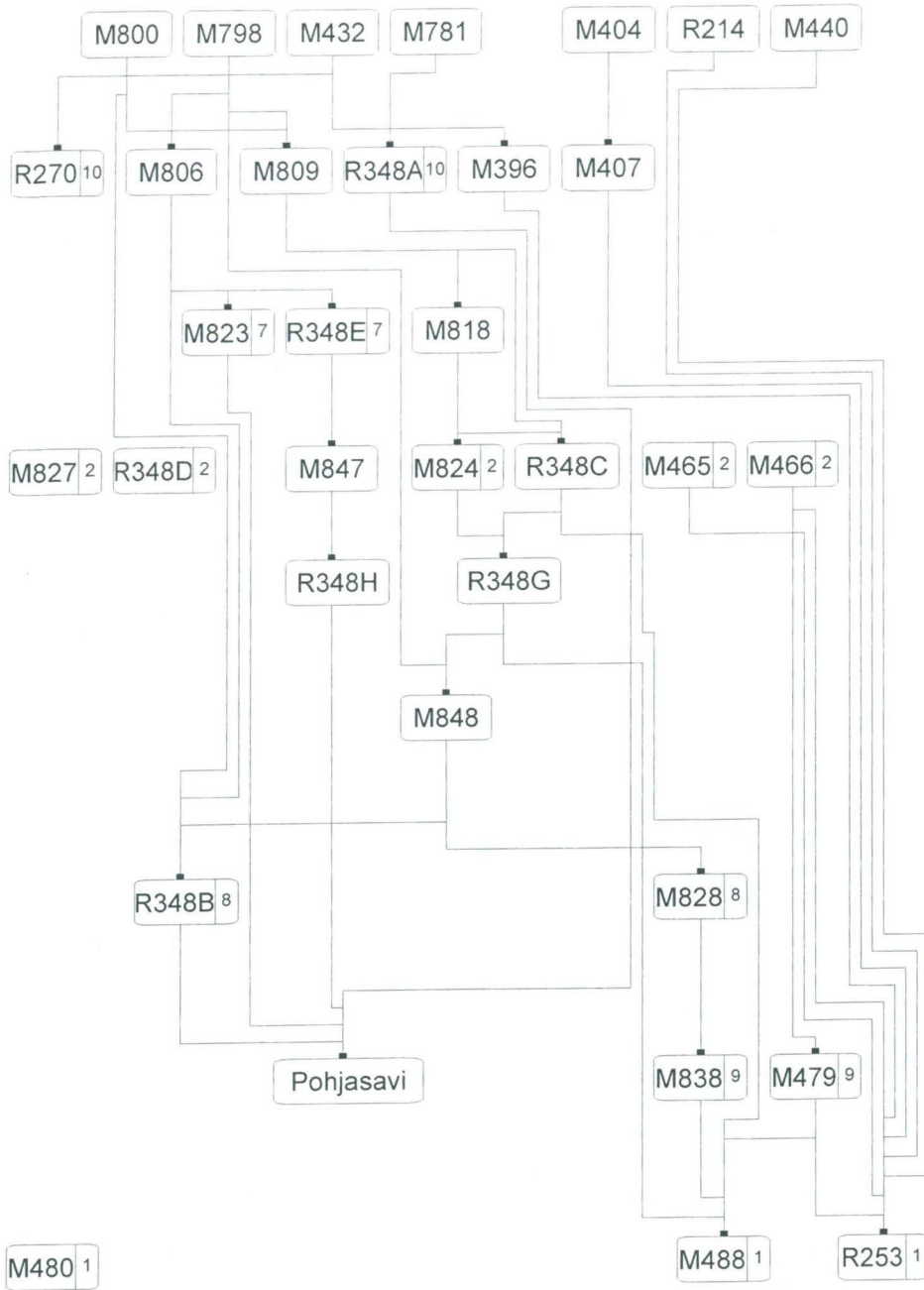




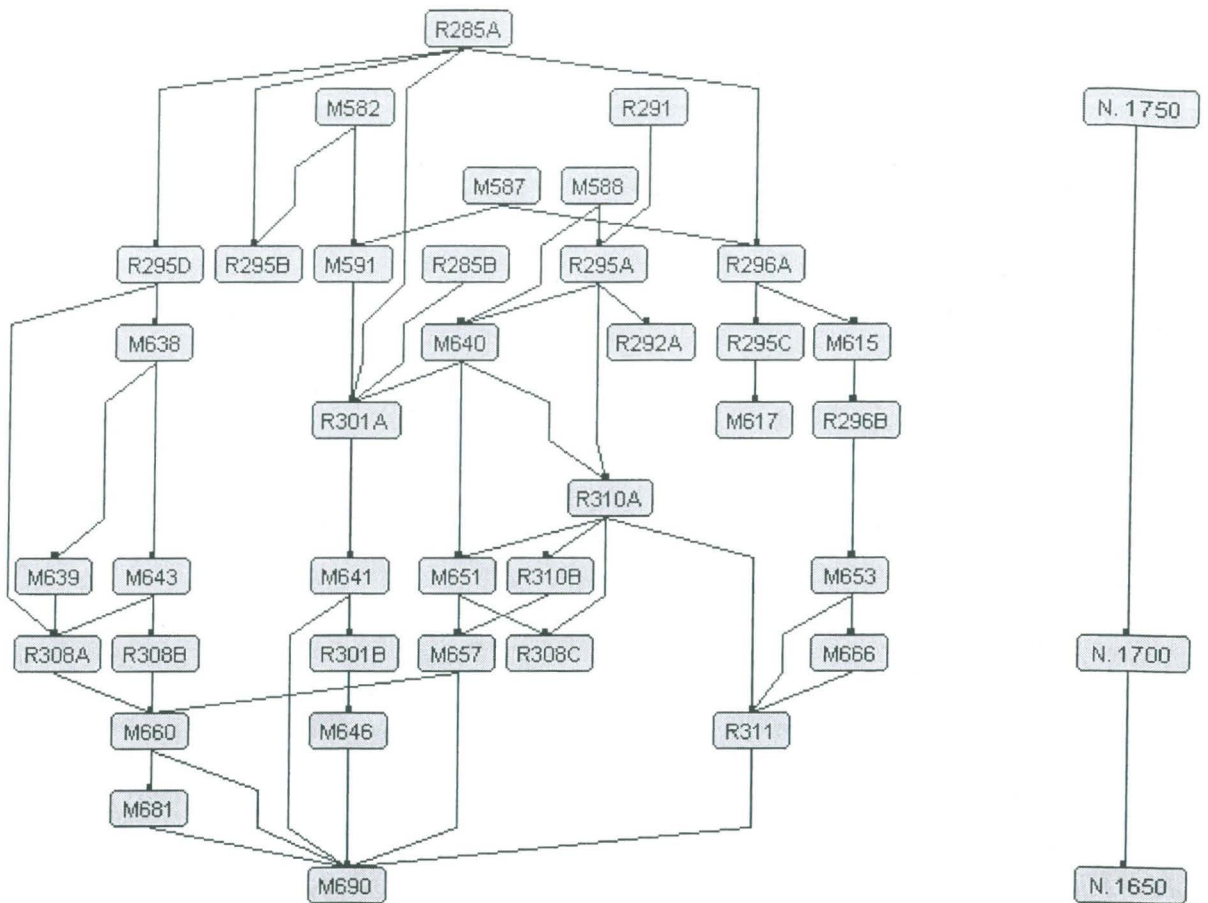
# Rakennus 6, matriisi



Rakennuksen 6 generoitu matriisi

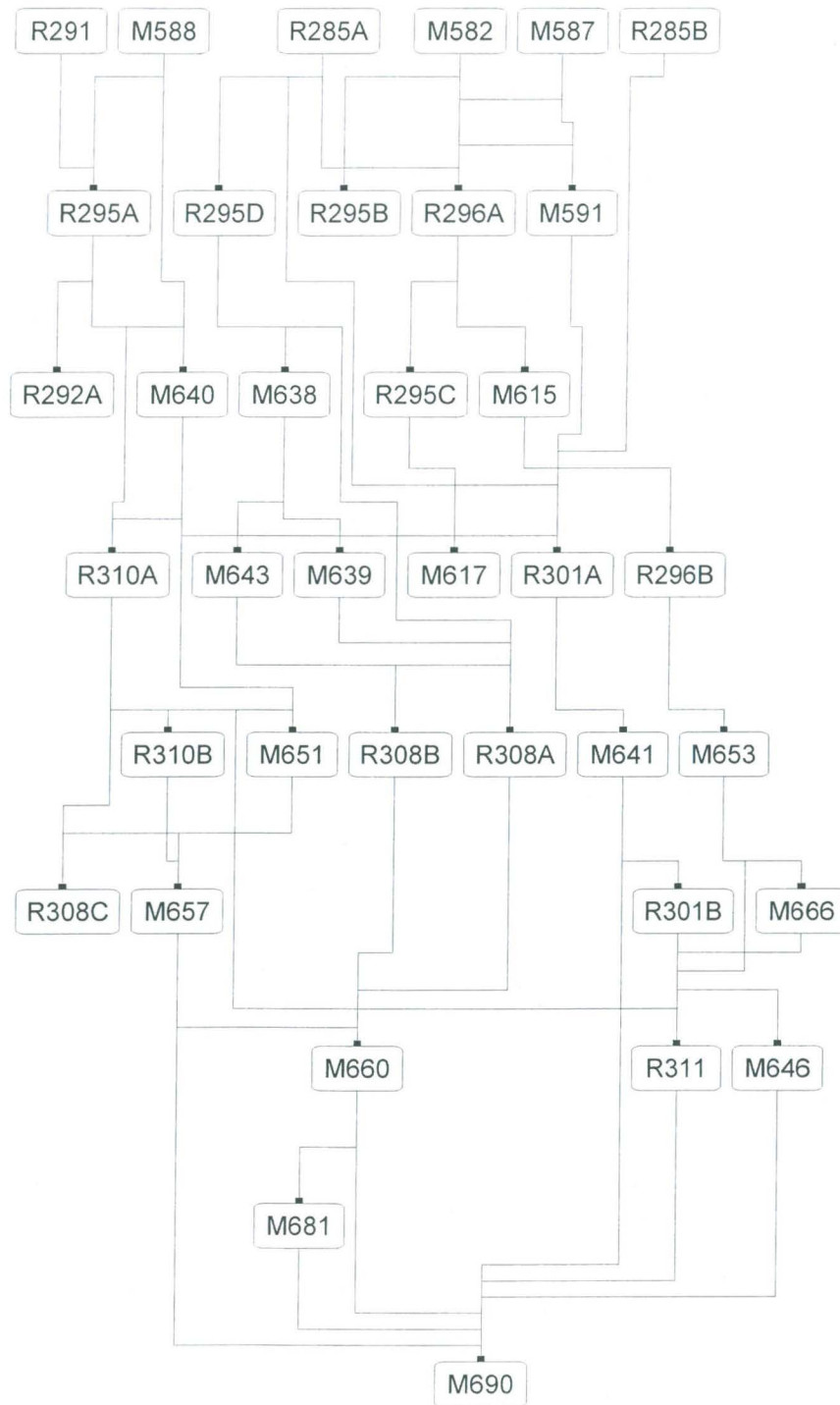


# Rakennus 7, matriisi

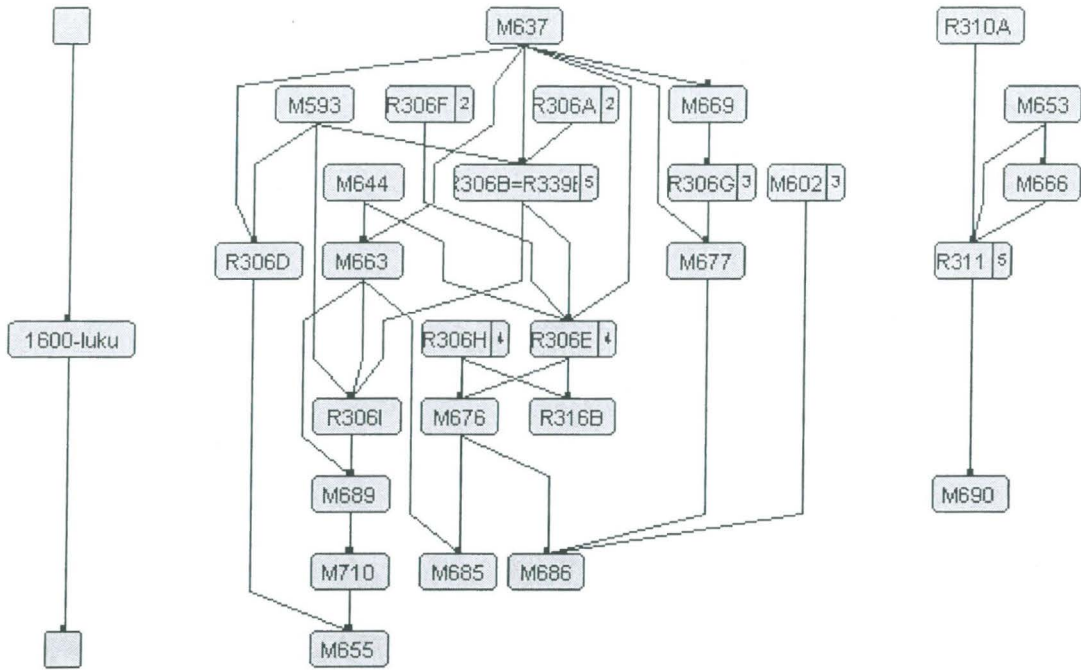


R285A ei kuulu rakennukseen 7-8

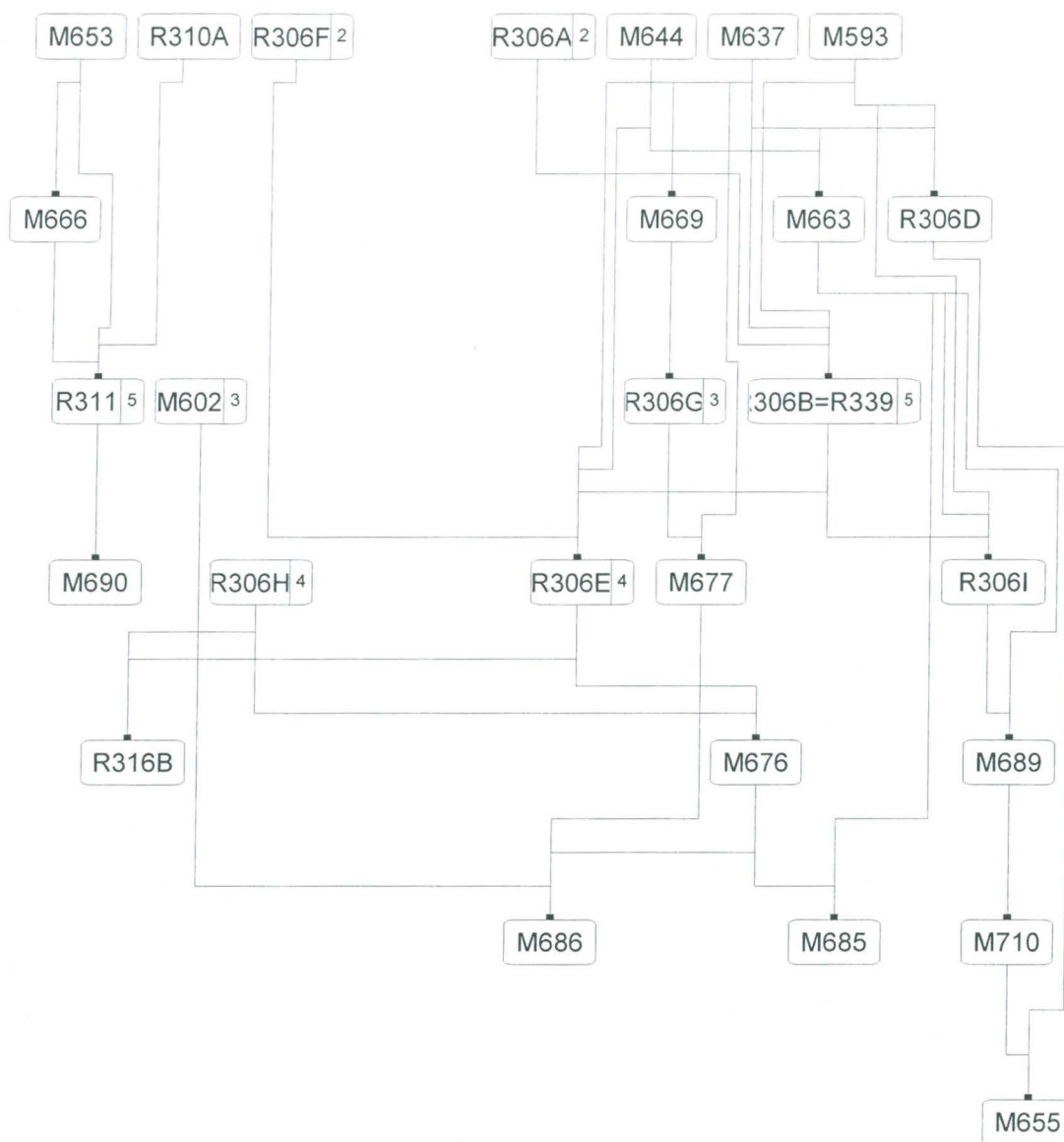
Rakennuksen 7 generoitu matriisi



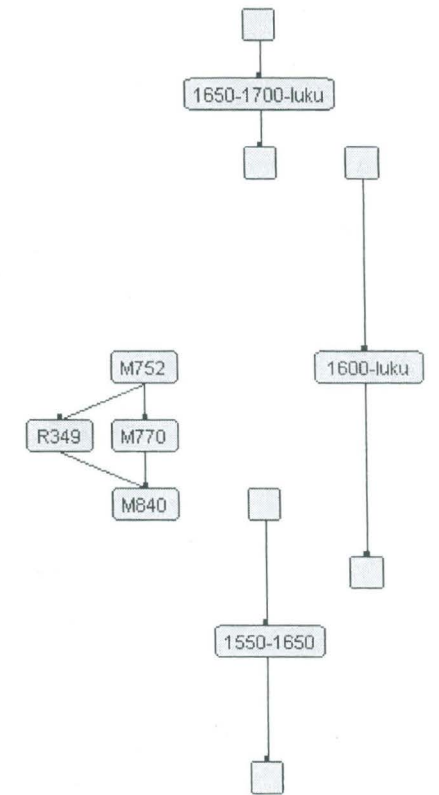
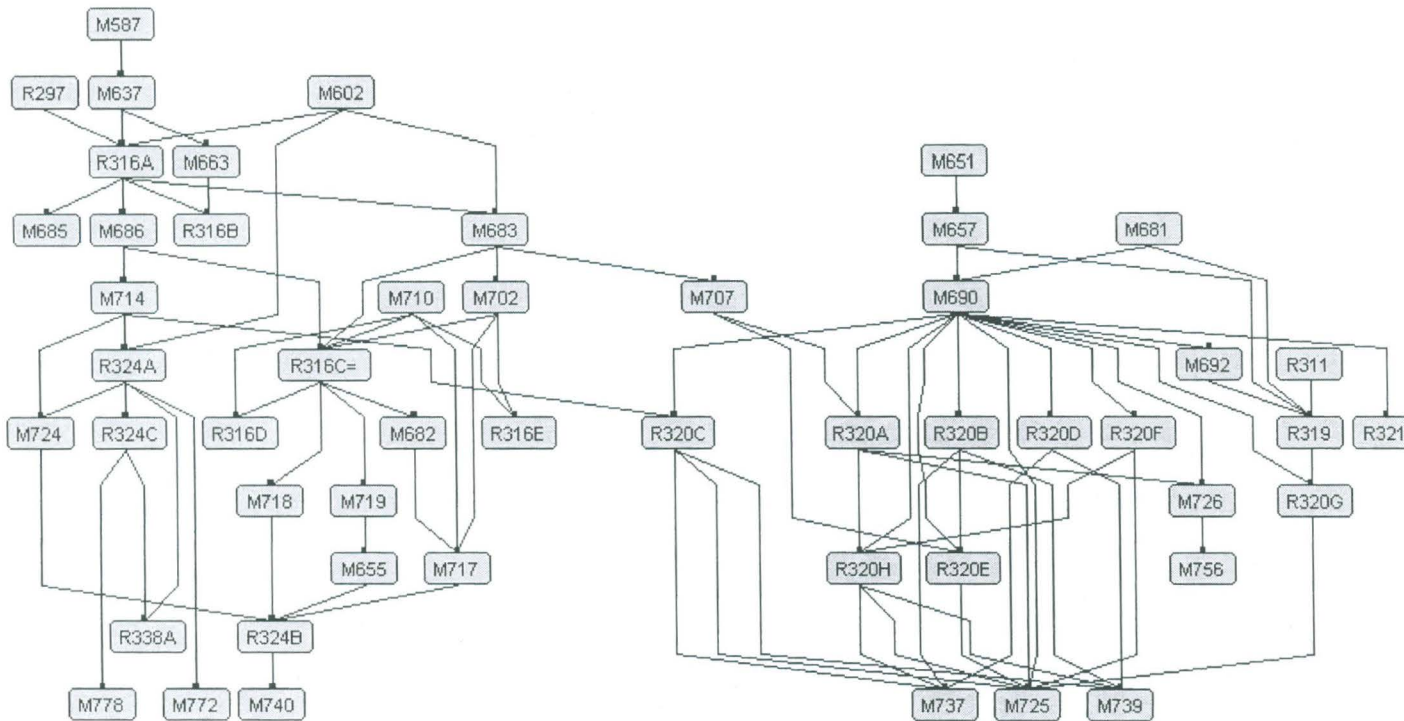
Rakennus 8, matriisi



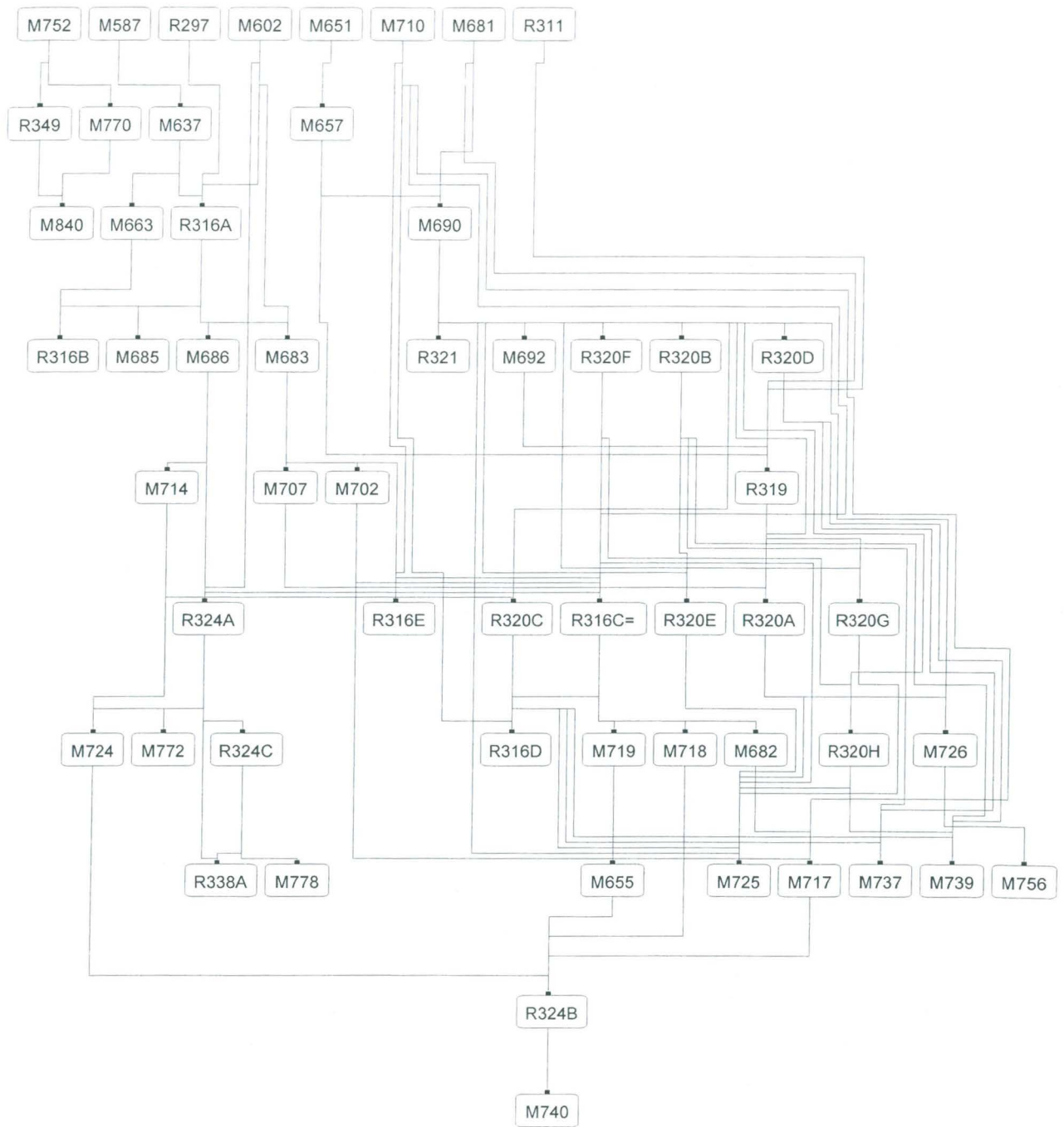
Rakennuksen 8 generoitu matriisi



# Rakennus 9, matriisi

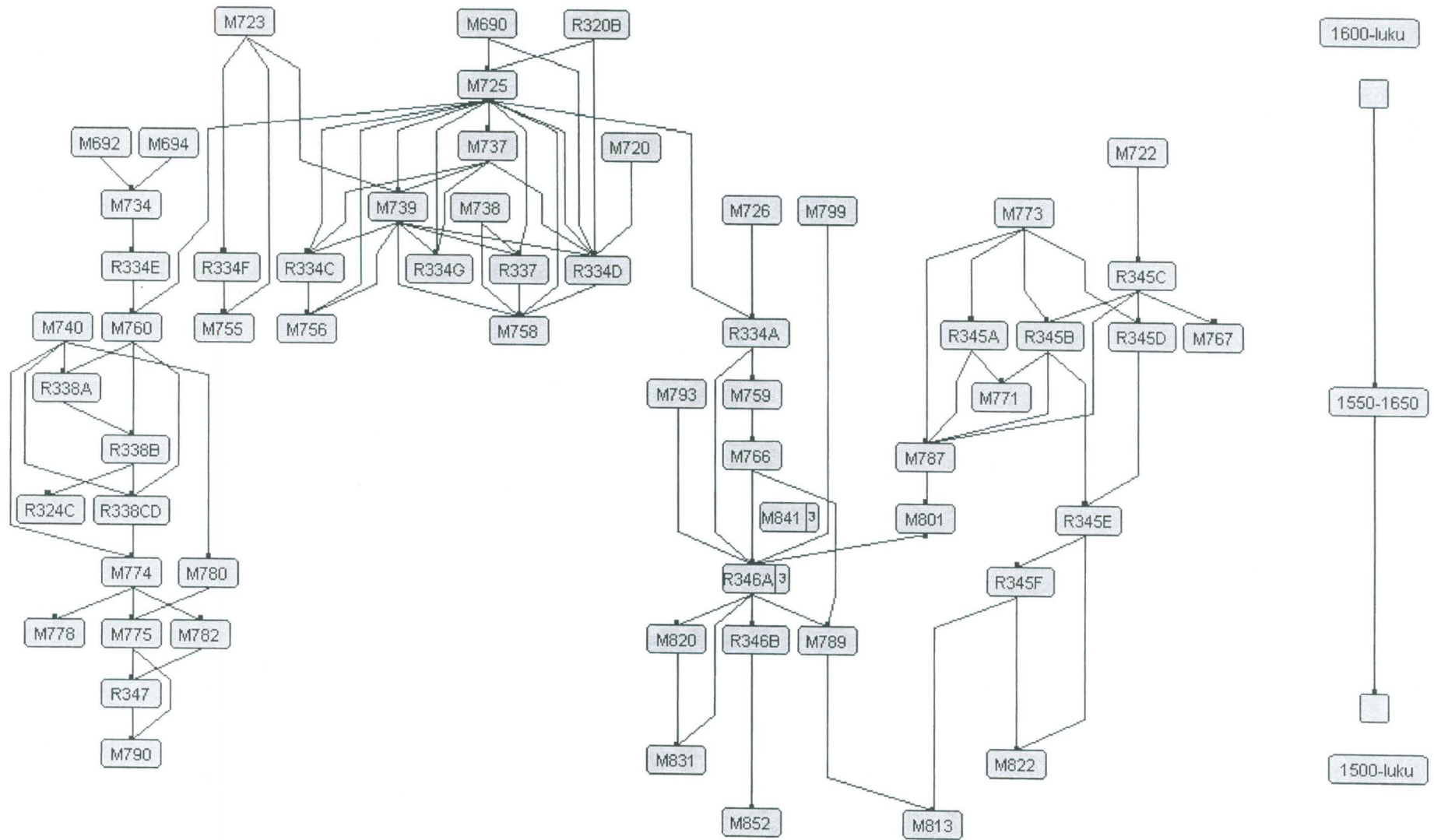


# Rakennuksen 9 generoitu matriisi

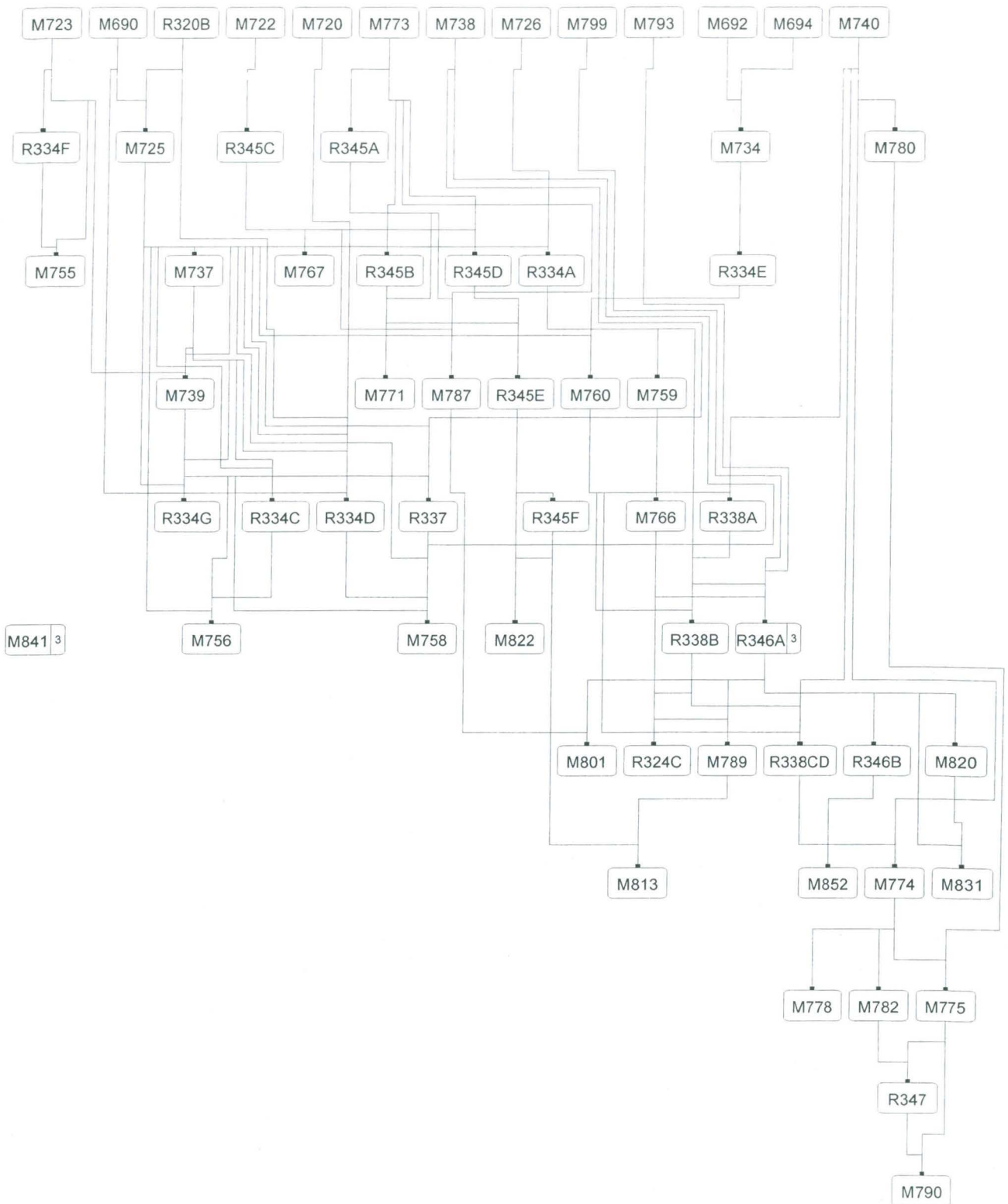




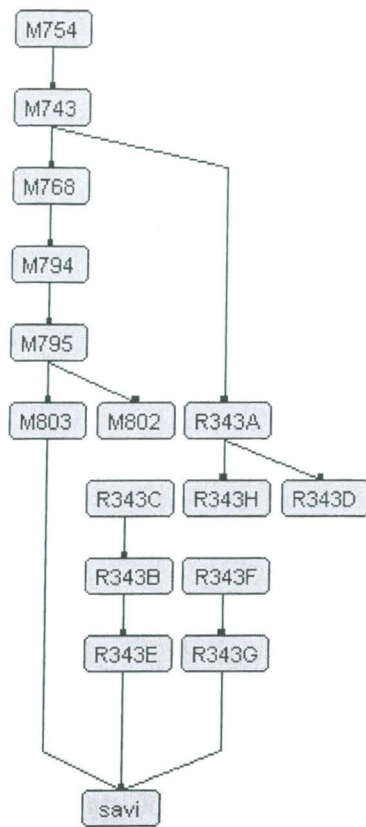
# Rakennus 10 ja 11, matriisi



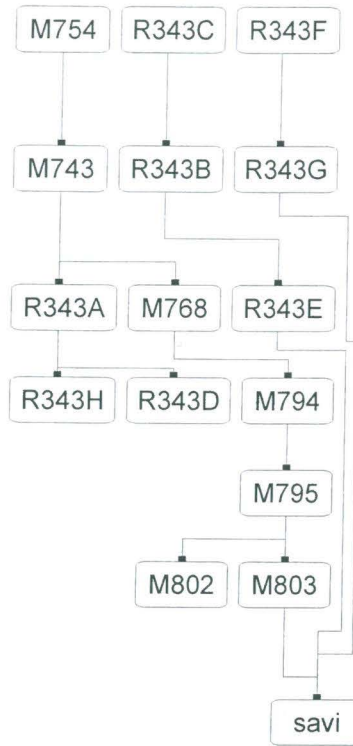
Rakennusten 10 ja 11 generoidut matriisit



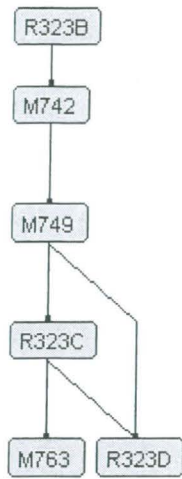
Rakennus 14, matriisi



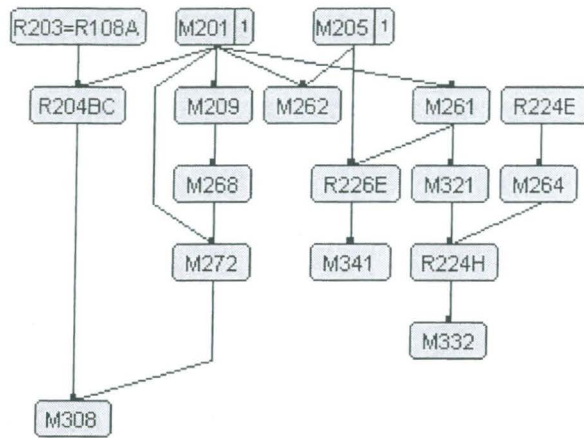
Rakennuksen 14 generoitu matriisi



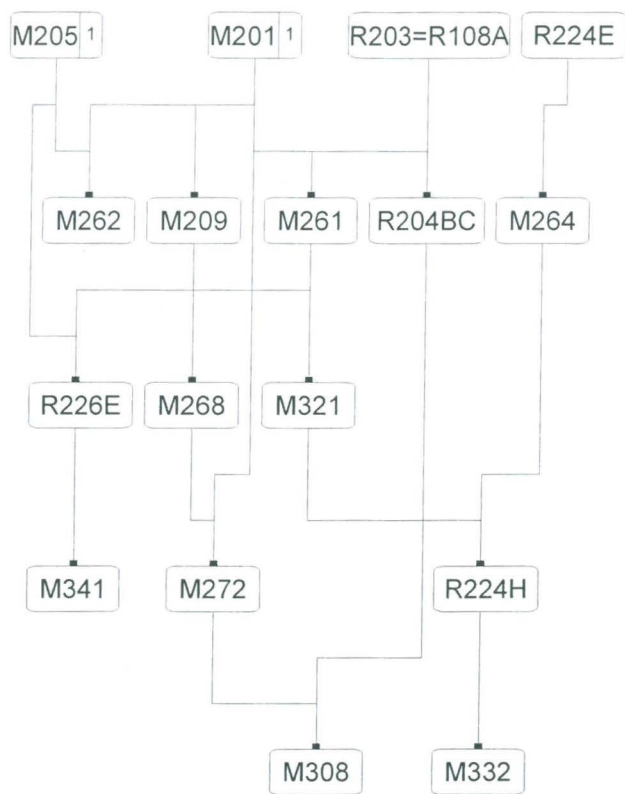
Rakennus 18, matriisi



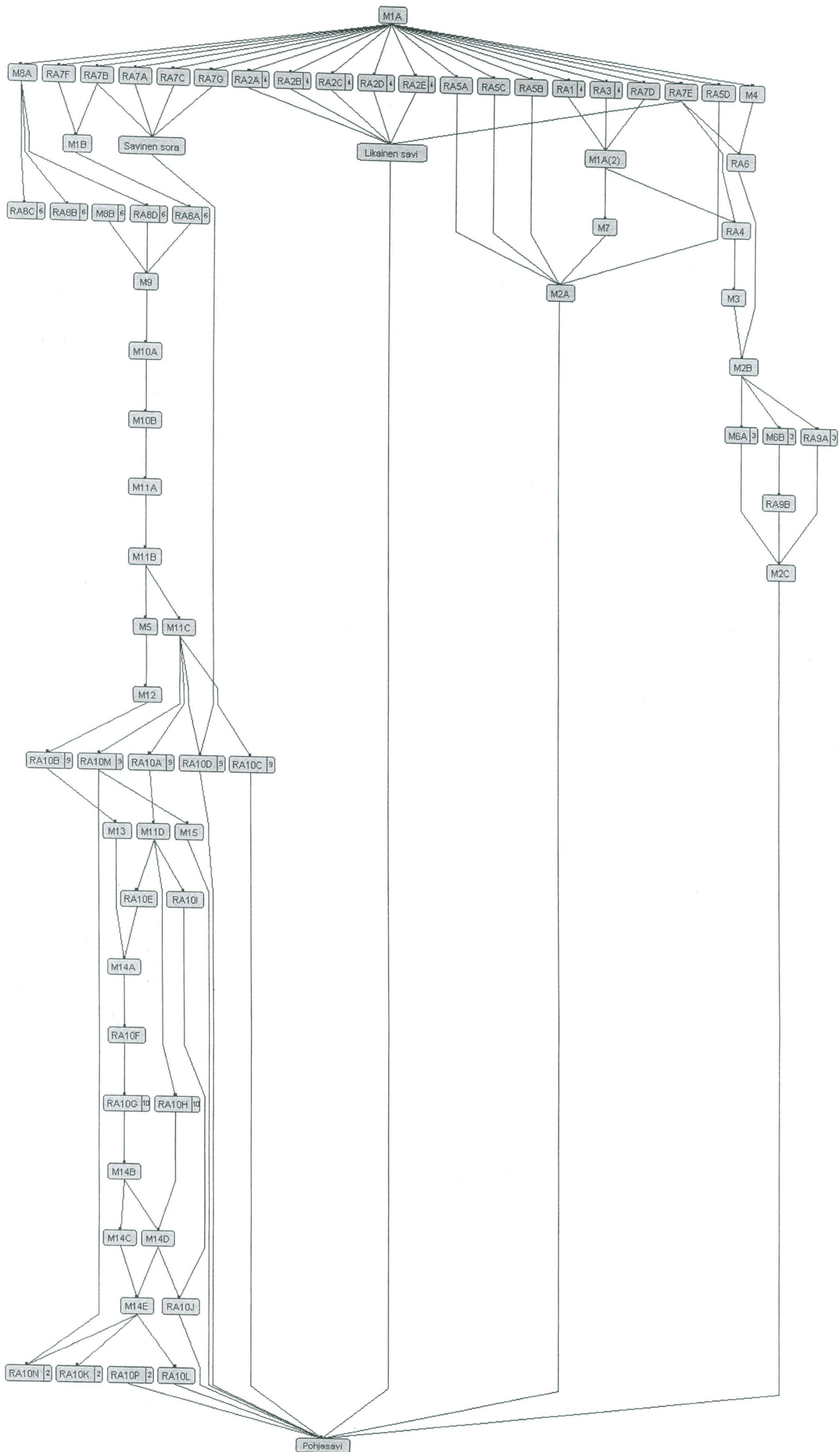
# Rakennus 20, matriisi



Rakennuksen 20 generoitu matriisi

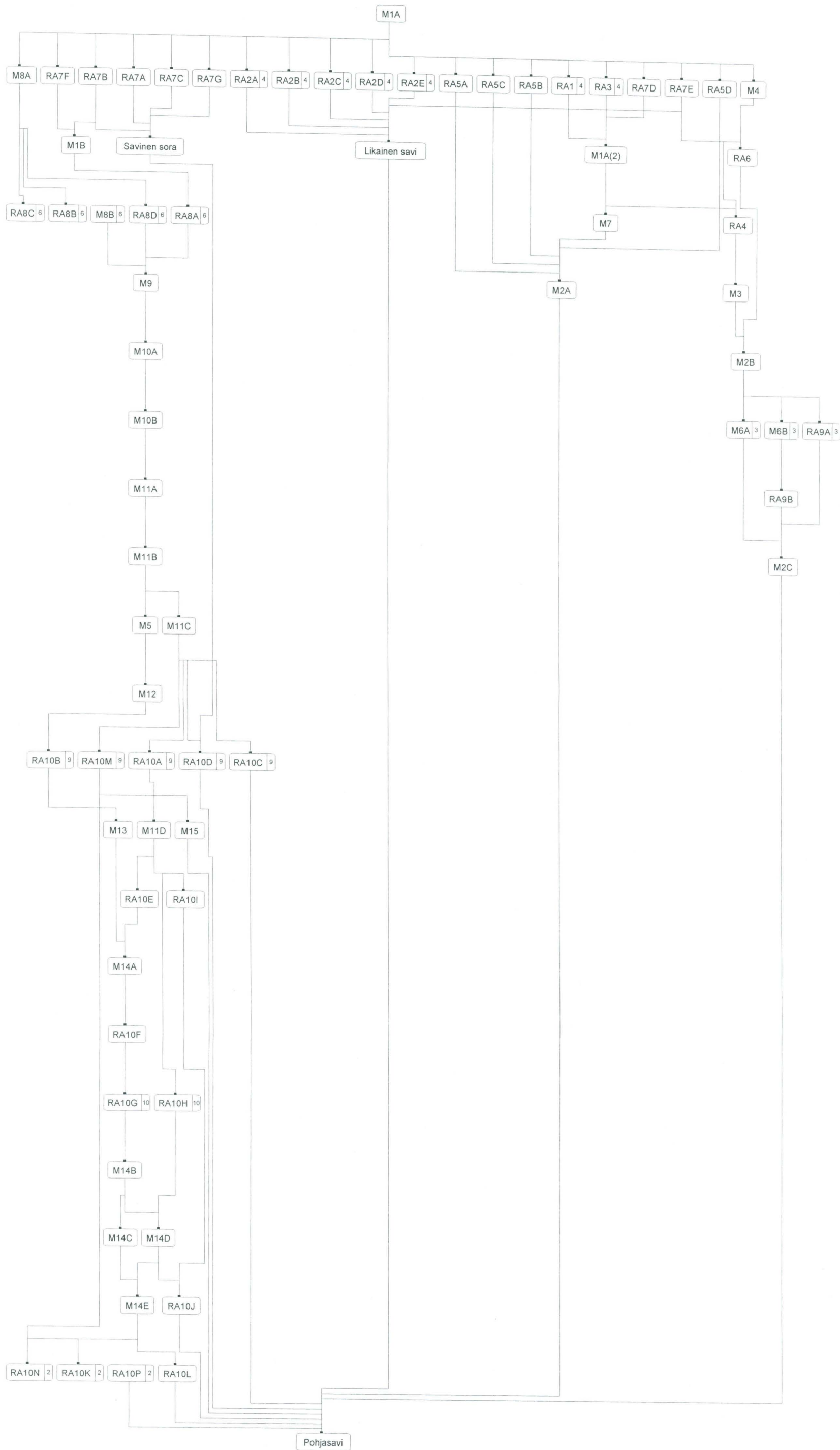


# A-alueen matriisi

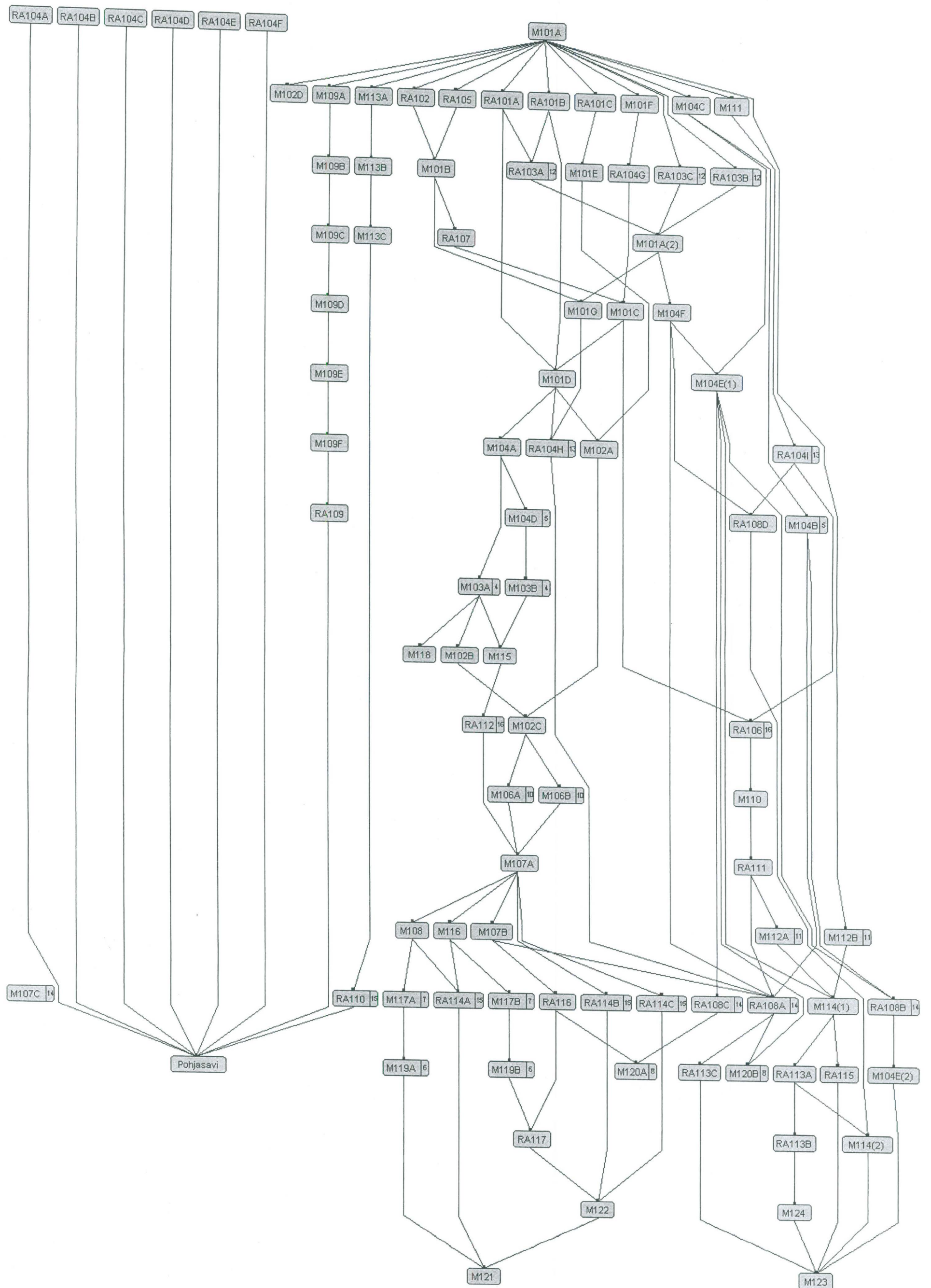




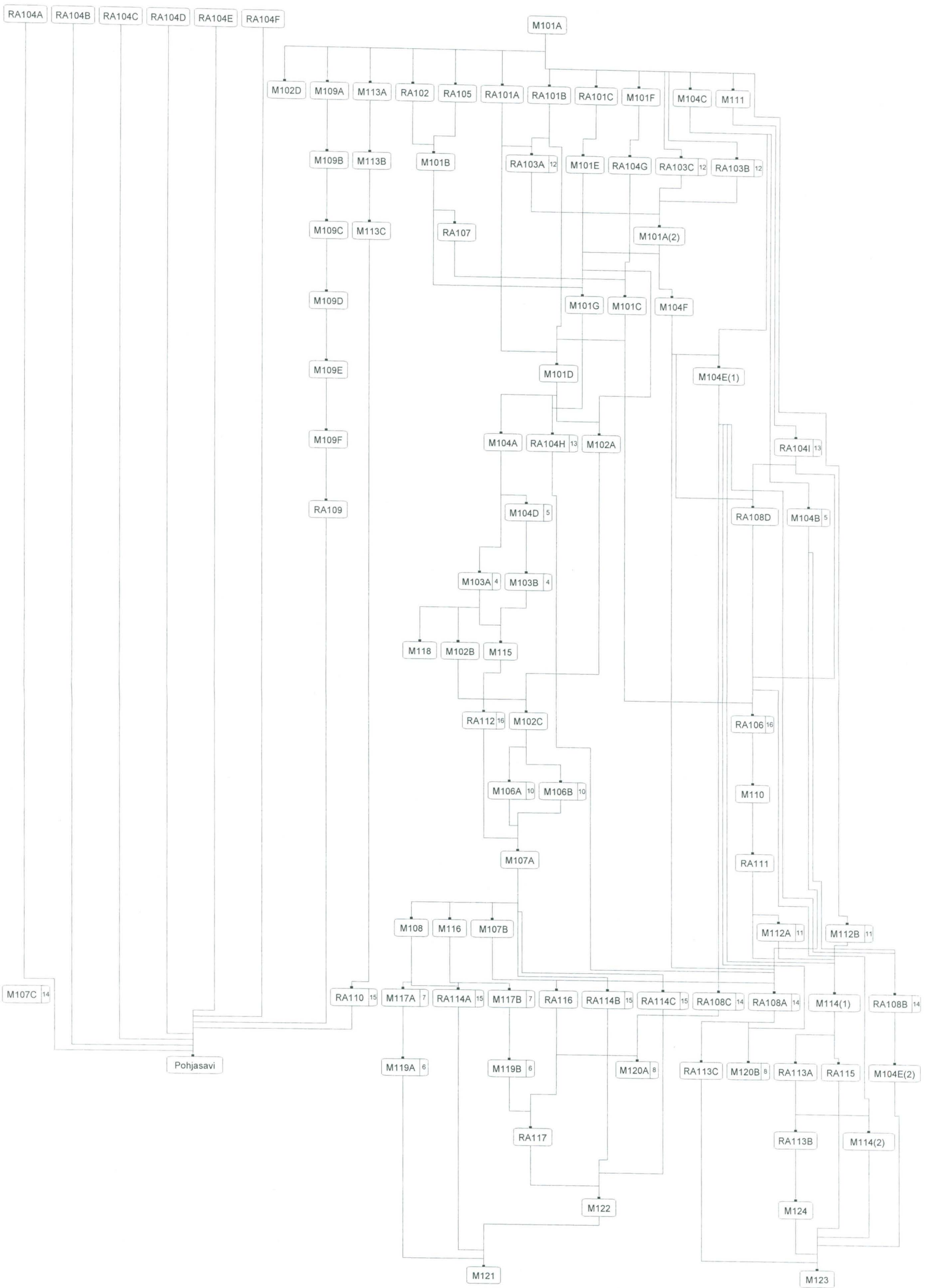
A-alue, generoitu



B-alueen matriisi, vuosi 2000

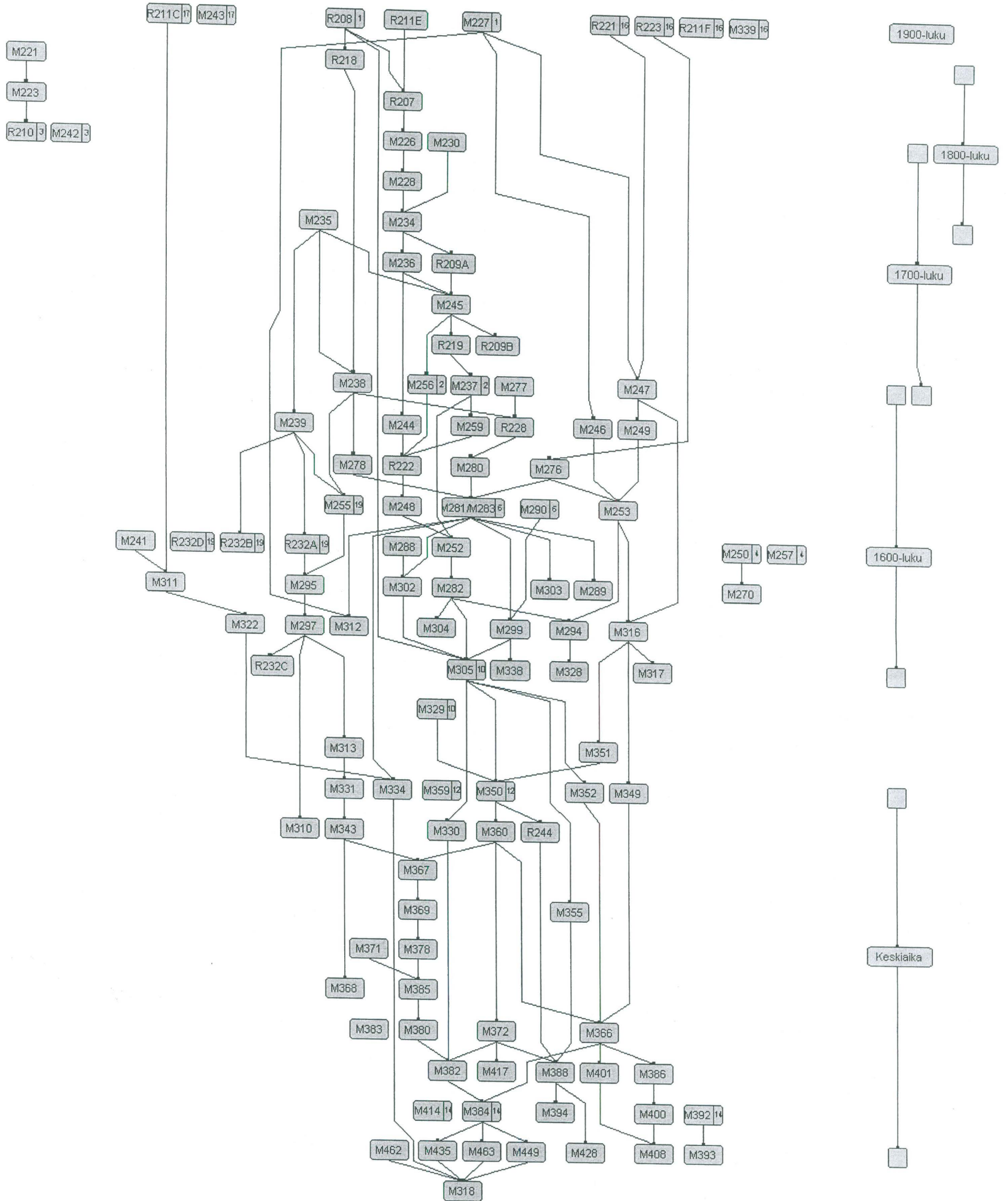


B-alue 2000, generoitu





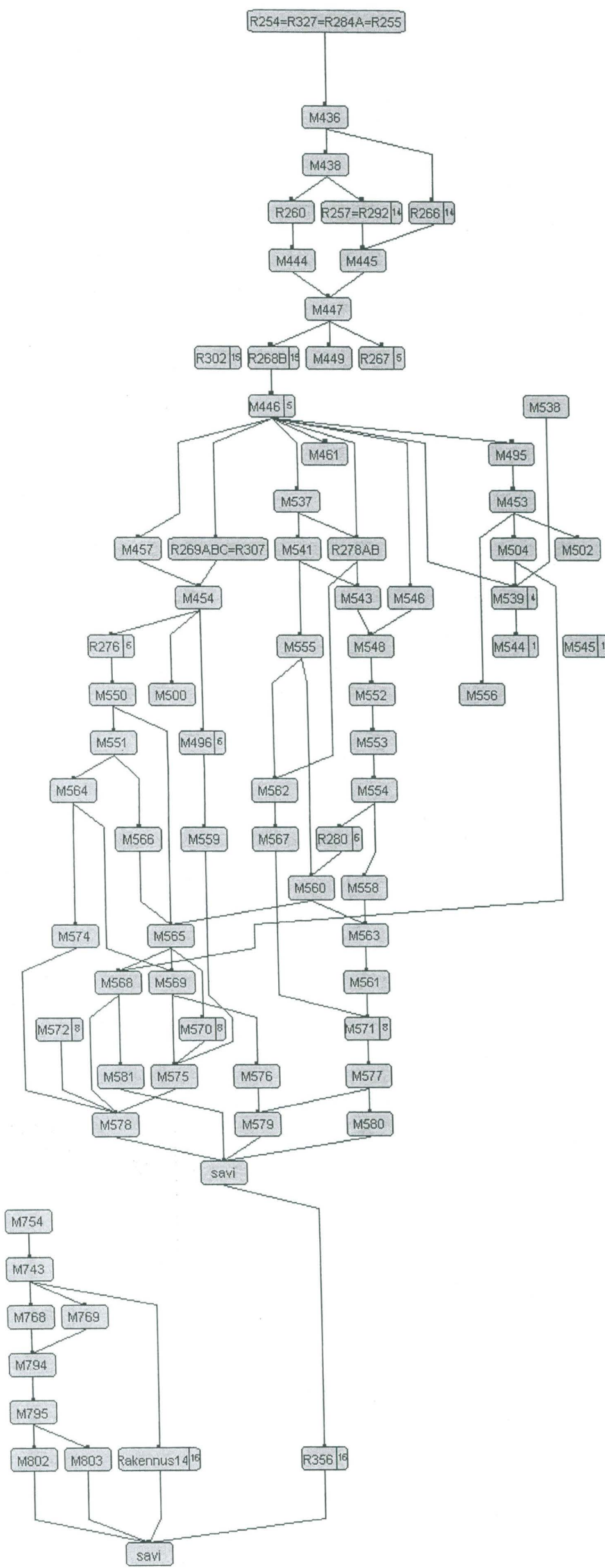
D-alueen matriisi, faasitettu





**E-alueen matriisi, faasitettu**

M547=R211G M557 4



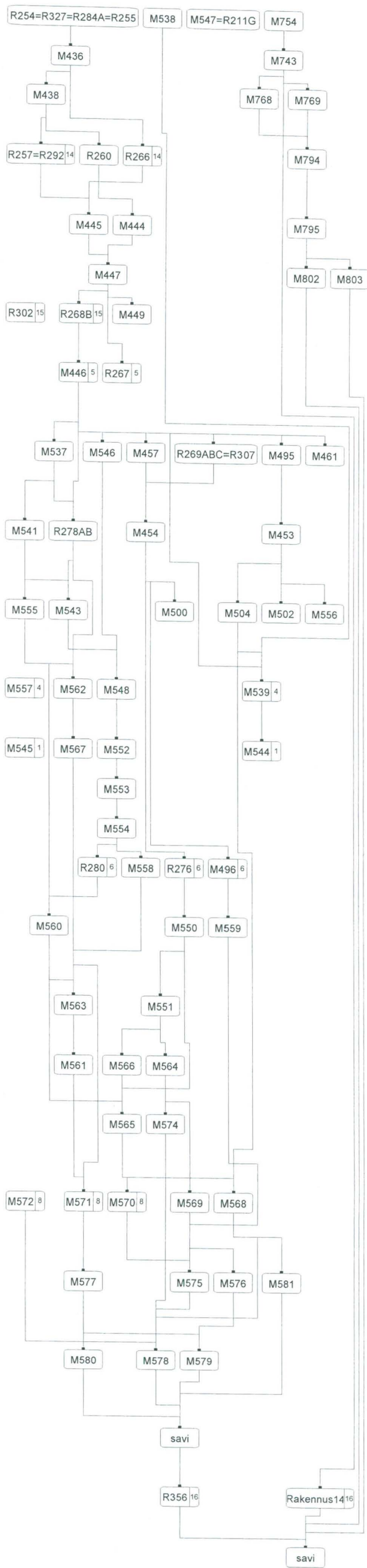
M504-M539 on ongelmallinen.

M504:n ajoitus on n. 1950-luku, M539:n ajoitus sekoittunut/resentti.

Siten niiden pitäisi sijaita ylempänä matriisissa.



E-alue, generoitu

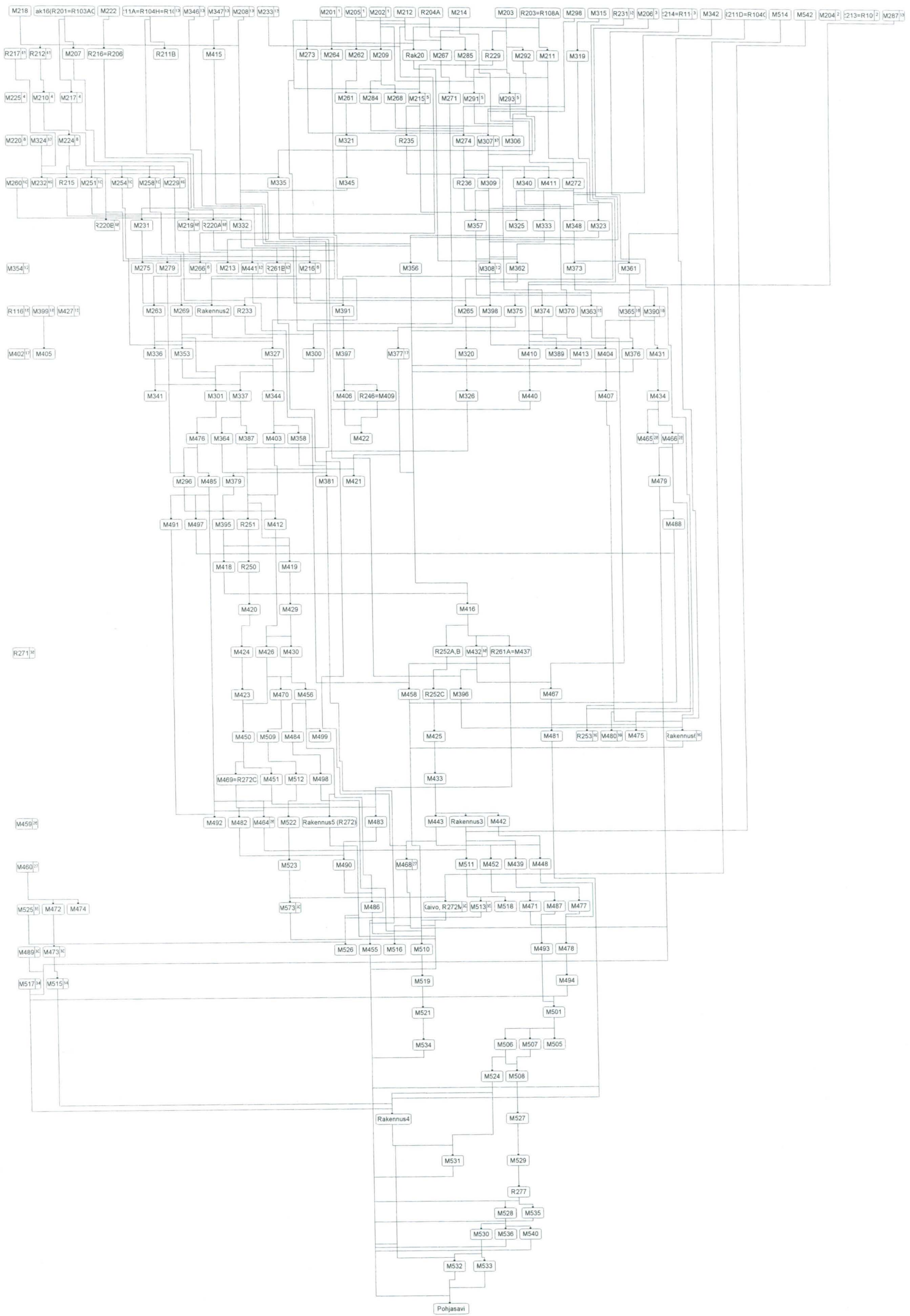


# BC-alueen matriisi, vuosi 2001, faasitettu

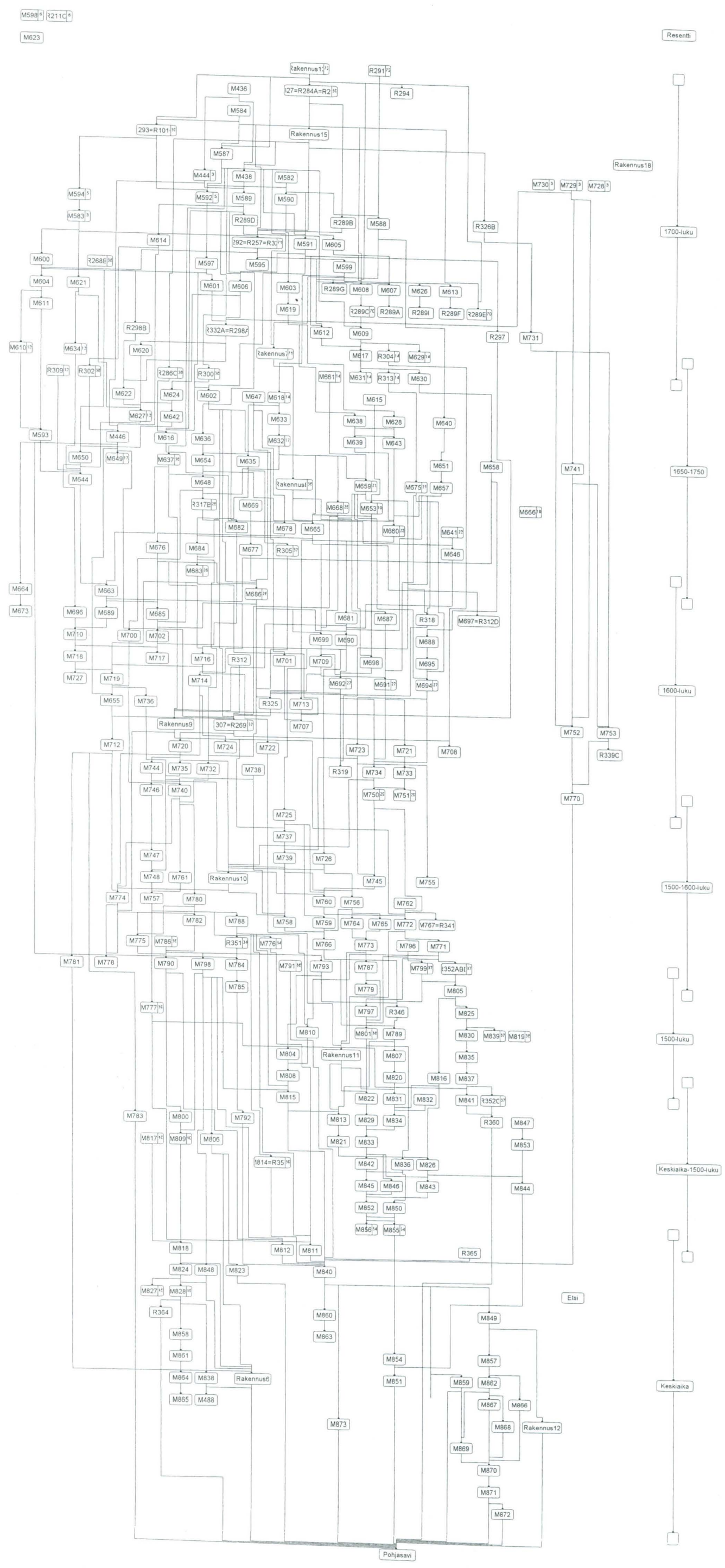




BC-alue generoitu

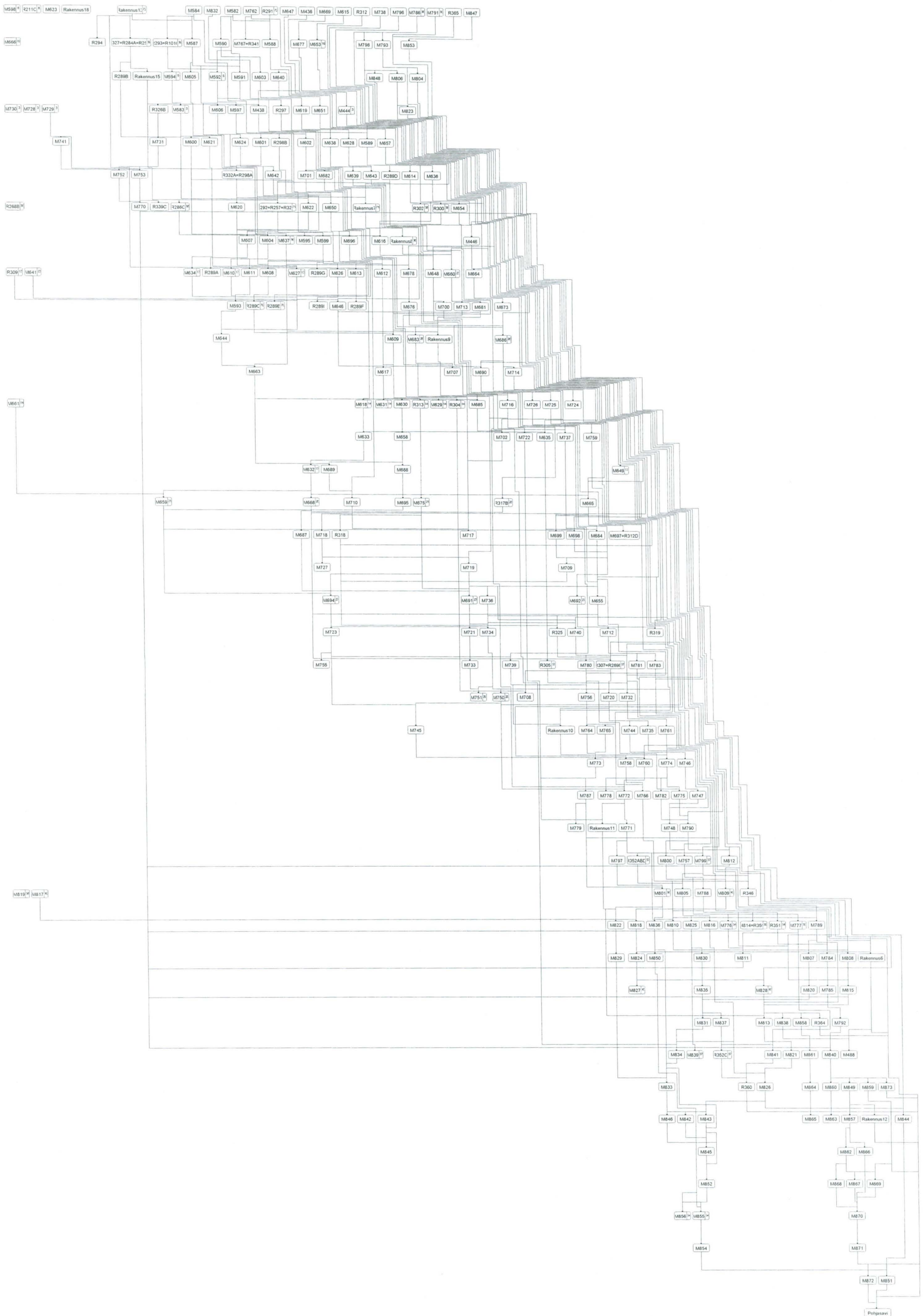


# GH-alueen matriisi, faasitettu



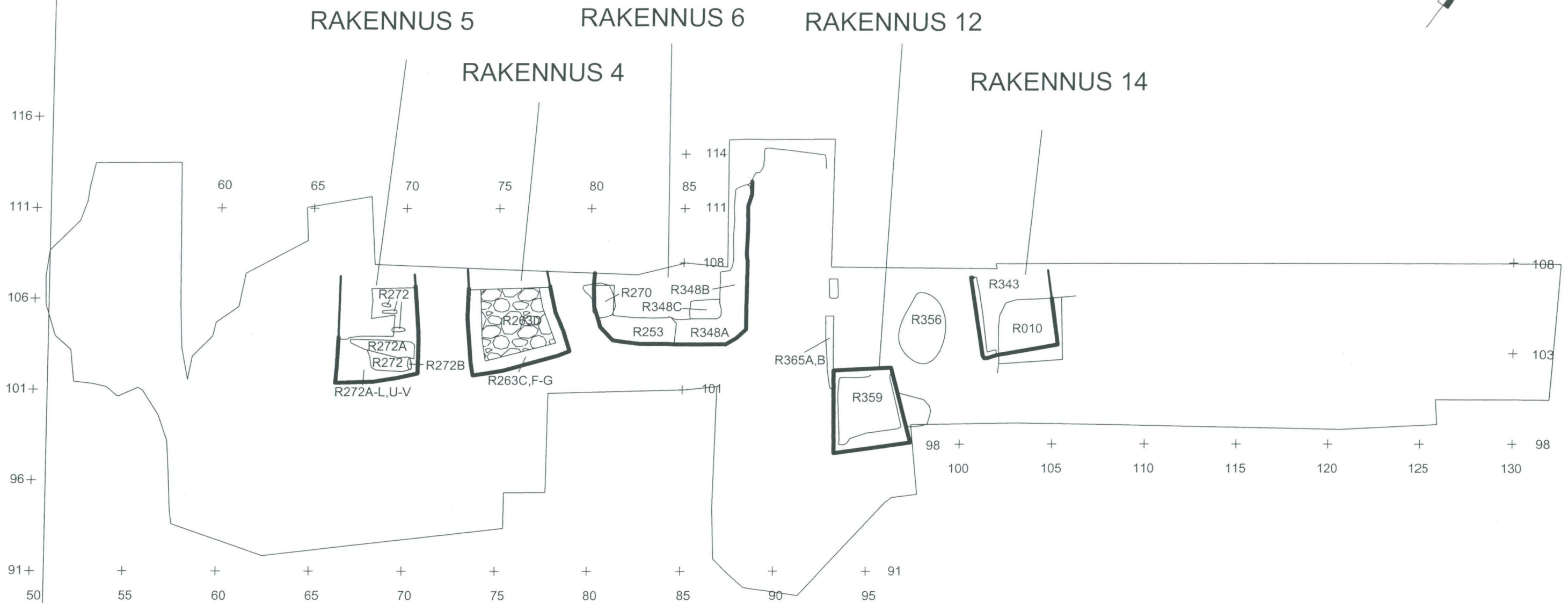


GH-alue, generoitu



Turku Rettiginrinne 2000-2001  
Liite XI  
Faasikartat

# 1300- ja 1400-luku



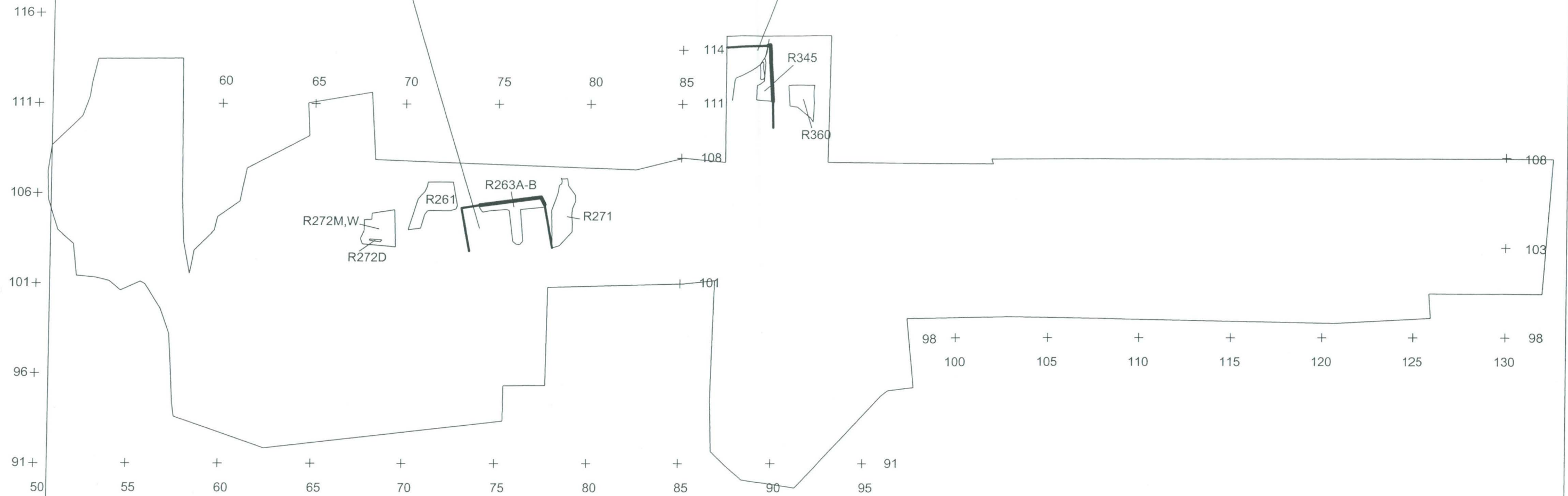
<p><b>TURKU</b>  <b>Rettiginrinne</b>  <b>E. Saloranta 2001</b></p>	<p>Faasi I: R010=343A-H, R253, R263C-H, R270, R272A-B, R272F, R272J, R272L, R272S-T, R272X-Y, R348A-C, R348E, R359A-C, R359E-H, R359J-K, R365A-B                  MK 1:225</p>
<p>MITTAUSDOKUMENTOINTI                  Miikka Kumpulainen ja Mika Ainasoja</p>	<p>TURUN MAAKUNTAMUSEO, TURKU</p>
	<p>Faasikartta I/2001</p>

# 1500-luvun alkupuoli



RAKENNUS 11

RAKENNUS 3



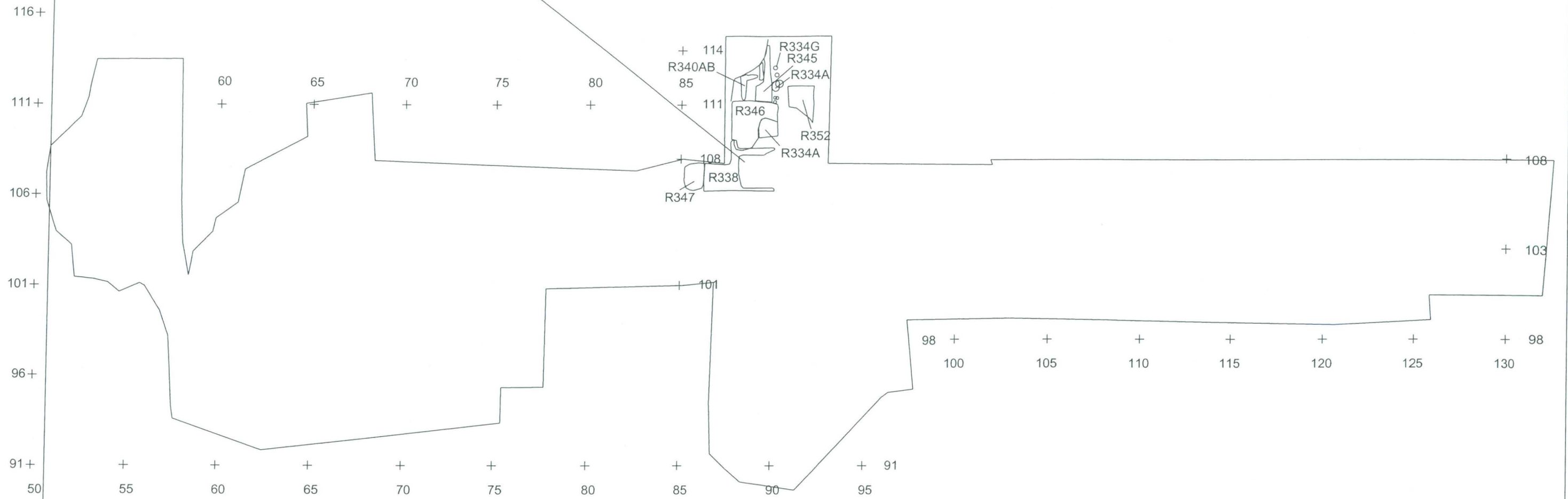
<p>TURKU Rettiginrinne E. Saloranta 2001</p>	<p>Faasi II: R261, R263A-B, R271, R272D, R272M, R272W, R345A-B, R345D-F, R360 MK 1:225</p>
<p>MITTAUSDOKUMENTOINTI Miikka Kumpulainen ja Mika Ainasoja</p>	<p>TURUN MAAKUNTAMUSEO, TURKU</p>
	<p>Faasikartta II/2001</p>



# 1500-luvun loppupuoli

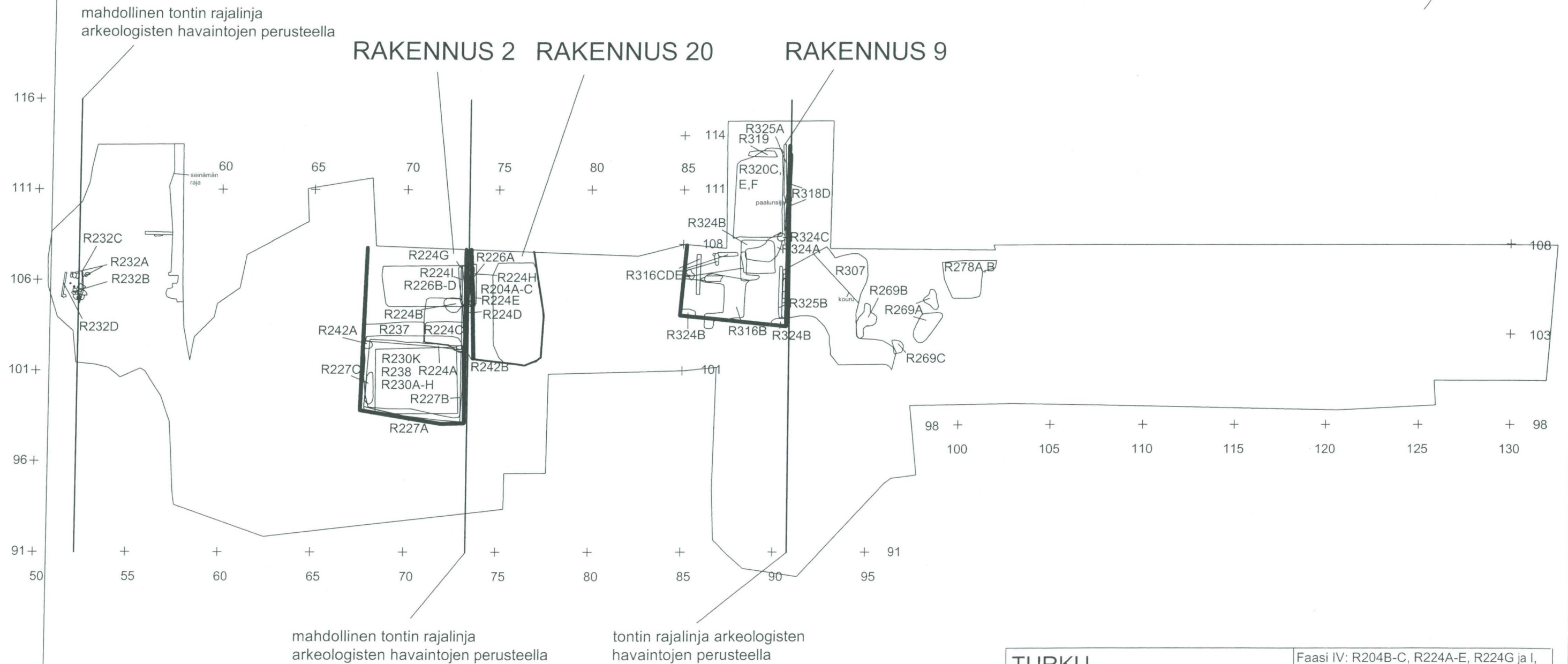


RAKENNUS 10



<p><b>TURKU</b>  <b>Rettiginrinne</b>  <b>E. Saloranta 2001</b></p>	<p>Faasi III:  R334A, R334C-F, R337, R338A-D,  R340A-B, R345C, R346A-B, R347,  R352A, R352C, R360  MK 1:225</p>
<p>MITTAUSDOKUMENTOINTI  Miikka Kumpulainen ja Mika Ainasoja</p>	<p>TURUN MAAKUNTAMUSEO, TURKU</p>
	<p>Faasikartta III/2001</p>

# 1600-luvun alkupuoli



<p><b>TURKU</b>  <b>Rettiginrinne</b>  <b>E. Saloranta 2001</b></p>	<p>Faasi IV: R204B-C, R224A-E, R224G ja I, R226A-F, R227A-D, R230A-K, R232A-D, R237A-E, R238A-E, R242A-B, R269A-C =R307, R278A-B, R316A-E, R318D, R319, R320A-H, R324A-C, R325A-B MK 1:225</p>
<p>MITTAUSDOKUMENTOINTI          Miikka Kumpulainen ja Mika Ainasoja</p>	<p>TURUN MAAKUNTAMUSEO, TURKU</p>
	<p>Faasikartta IV/2001</p>

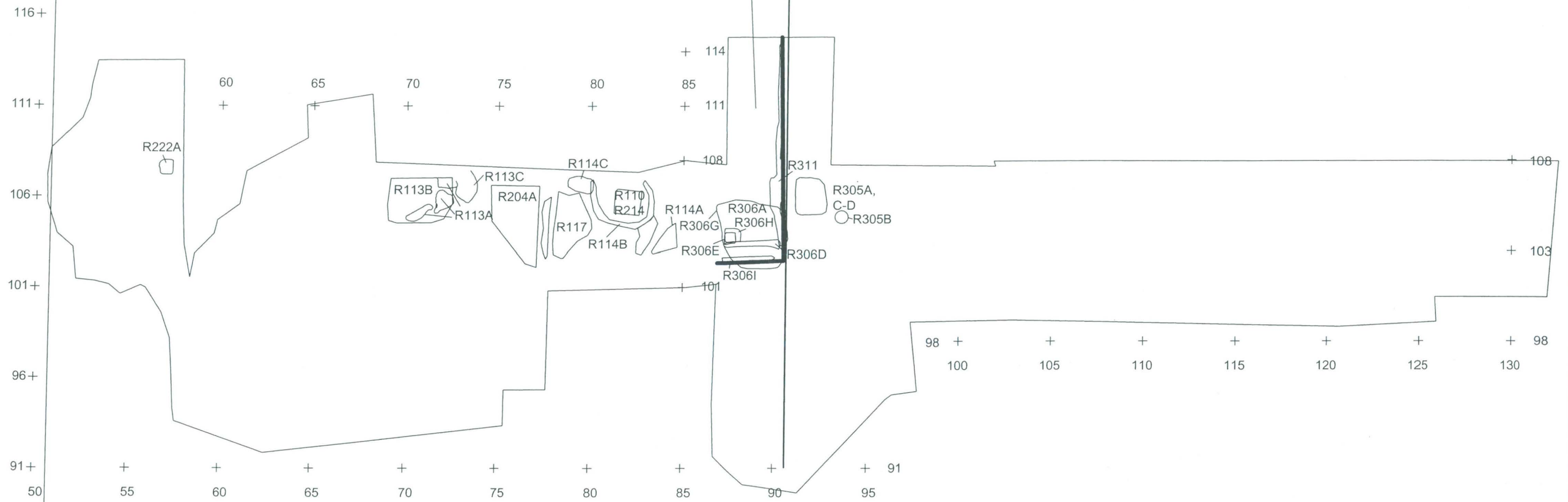


# 1600-luvun loppupuoli



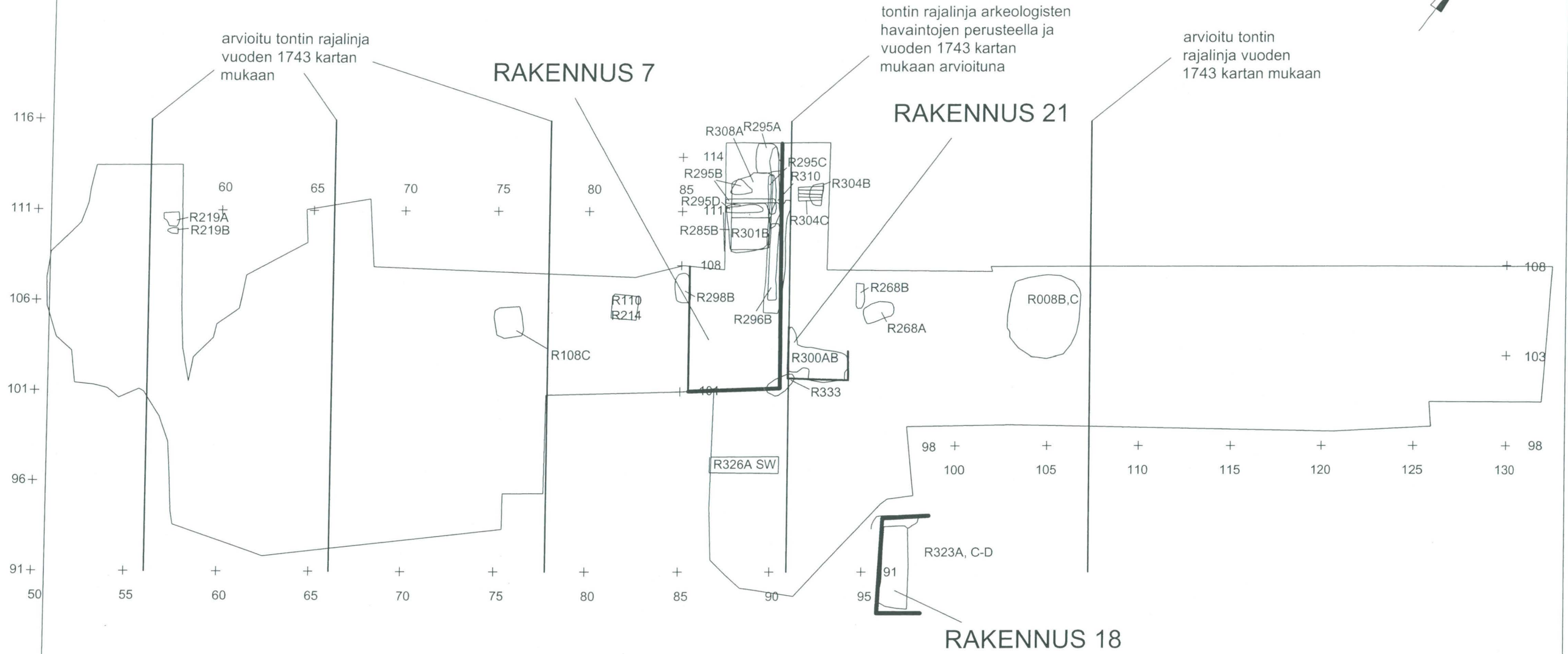
RAKENNUS 8

tontin rajalinja arkeologisten havaintojen perusteella



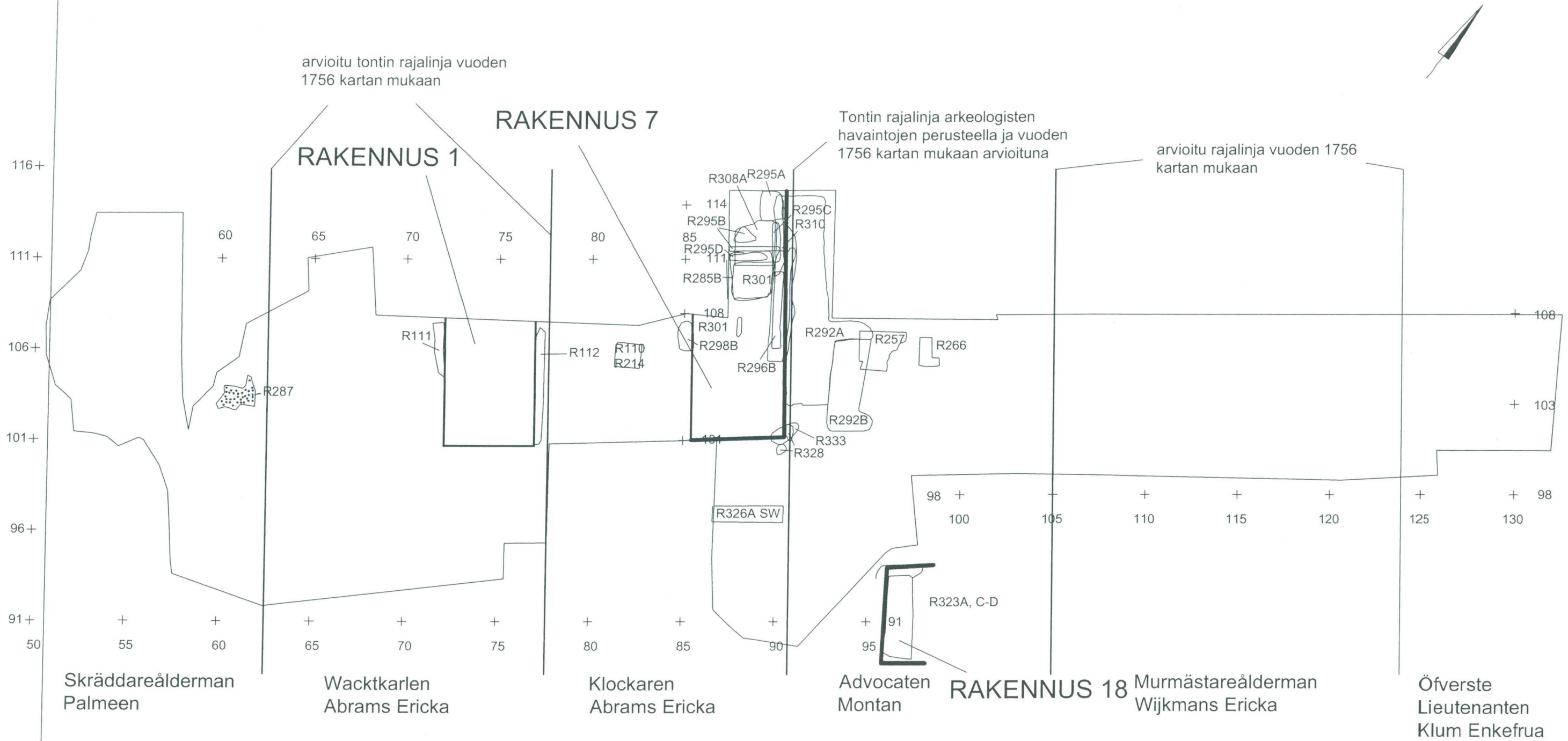
<p>TURKU Rettiginrinne E. Saloranta 2001</p>	<p>Faasi V: R110=R214, R113A-C, R114A-C, R117, R204A, R222A-B, R305A-D, R306A, R306D-I, R311 MK 1:225</p>
<p>MITTAUSDOKUMENTOINTI Miikka Kumpulainen ja Mika Ainasoja</p>	<p>TURUN MAAKUNTAMUSEO, TURKU</p>
	<p>Faasikartta V/2001</p>

# 1700-luvun alkupuoli



<p><b>TURKU</b>  <b>Rettiginrinne</b>  <b>E. Saloranta 2001</b></p>	<p>Faasi VI: R008A-D, R108C, R110=R214, R219A-B, R268A-B, R285B, R295A-D, R296A-B, R298B, R300A-B, R304B-C, R308A-C, R310A-B, R323A, R323C-D, R326A SW, R333 MK 1:225</p>
<p>MITTAUSDOKUMENTOINTI          Miikka Kumpulainen ja Mika Ainasoja</p>	<p>TURUN MAAKUNTAMUSEO, TURKU</p>
	<p>Faasikartta VI/2001</p>

# 1700-luvun puoliväli



<b>TURKU</b> Rettiginrinne E. Saloranta 2001	Faasi VII: R110=R214, R111, R112, R257, R266, R285B, R287, R292A-B=R328, R295A-D, R296A-B, R298B, R301A-B, R308A-B, R310A-B, M323A, R323C-D, R326A SW, R333 MK 1:225
MITTAUSDOKUMENTOINTI Miikka Kumpulainen ja Mika Ainasoja	TURUN MAAKUNTAMUSEO, TURKU
	Faasikartta VII/2001



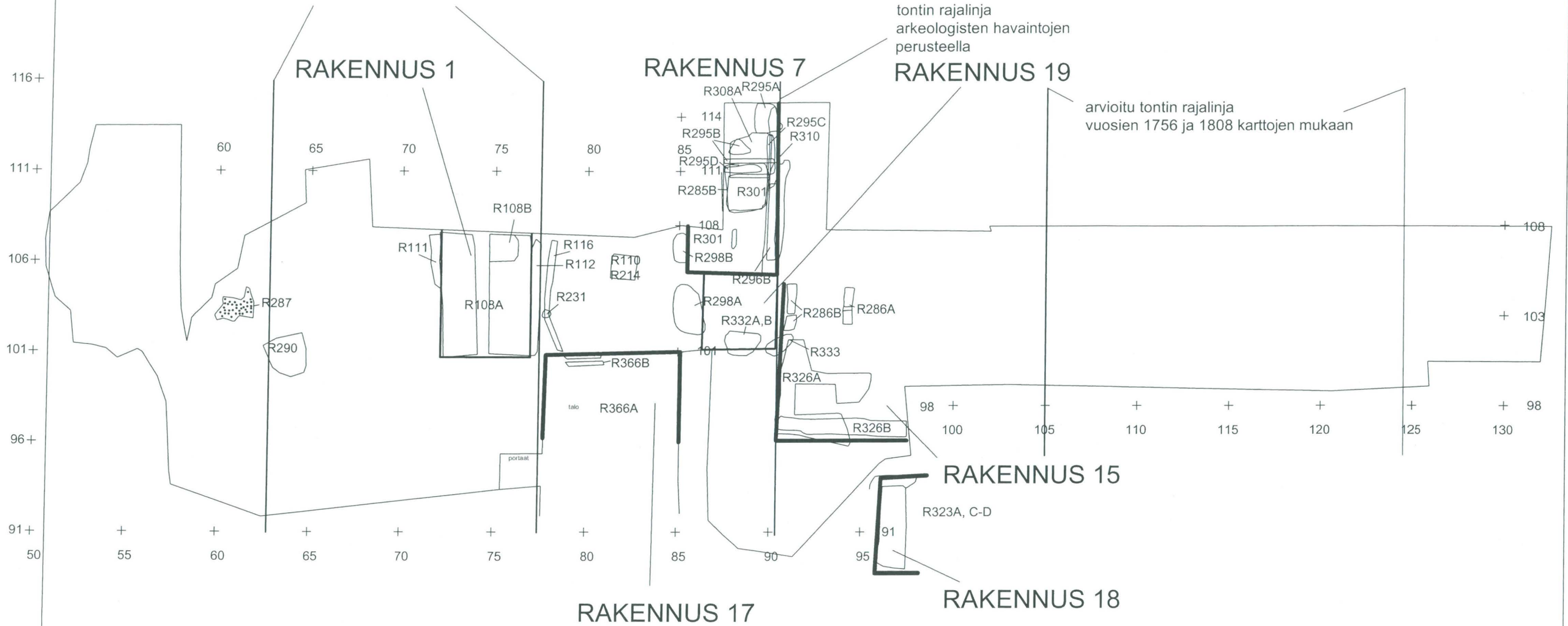
# 1700-luvun loppupuoli



arvioidut tonttien rajalinjat  
vuosien 1756 ja 1808 karttojen mukaan

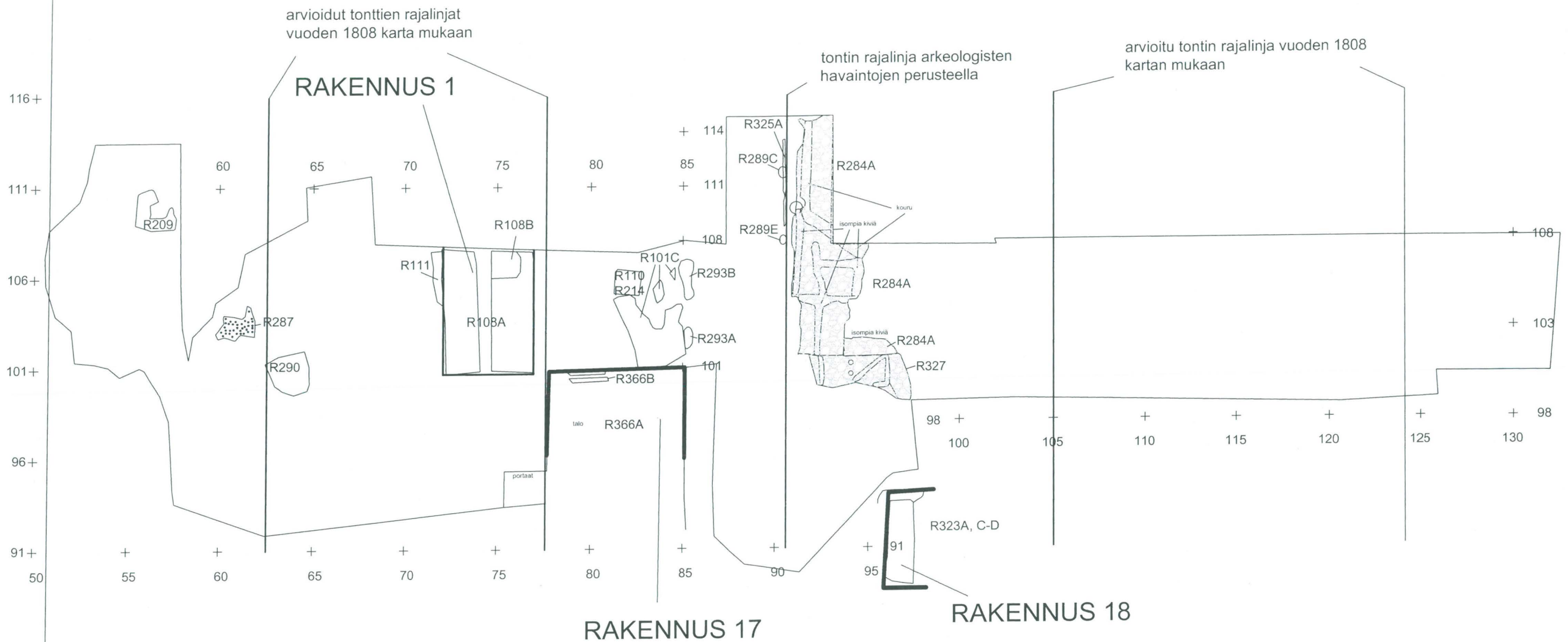
tontin rajalinja  
arkeologisten havaintojen  
perusteella

arvioitu tontin rajalinja  
vuosien 1756 ja 1808 karttojen mukaan



<p>TURKU Rettiginrinne E. Saloranta 2001</p>	<p>Faasi VIII: R108A-B, R110=R214, R111, R112, R116, R231, R285B, R286A-B=R326A-B, R287, R290, R295A-D, R296A-B, R298A=R332A, R298B, R301A-B, R308A-B, R310A-B, R323A, R323C-D, R333, R366A-B MK 1:225</p>
<p>MITTAUSDOKUMENTOINTI Miikka Kumpulainen ja Mika Ainasoja</p>	<p>TURUN MAAKUNTAMUSEO, TURKU</p>
	<p>Faasikartta VIII/2001</p>

# 1700-luvun loppu - 1800-luvun alku

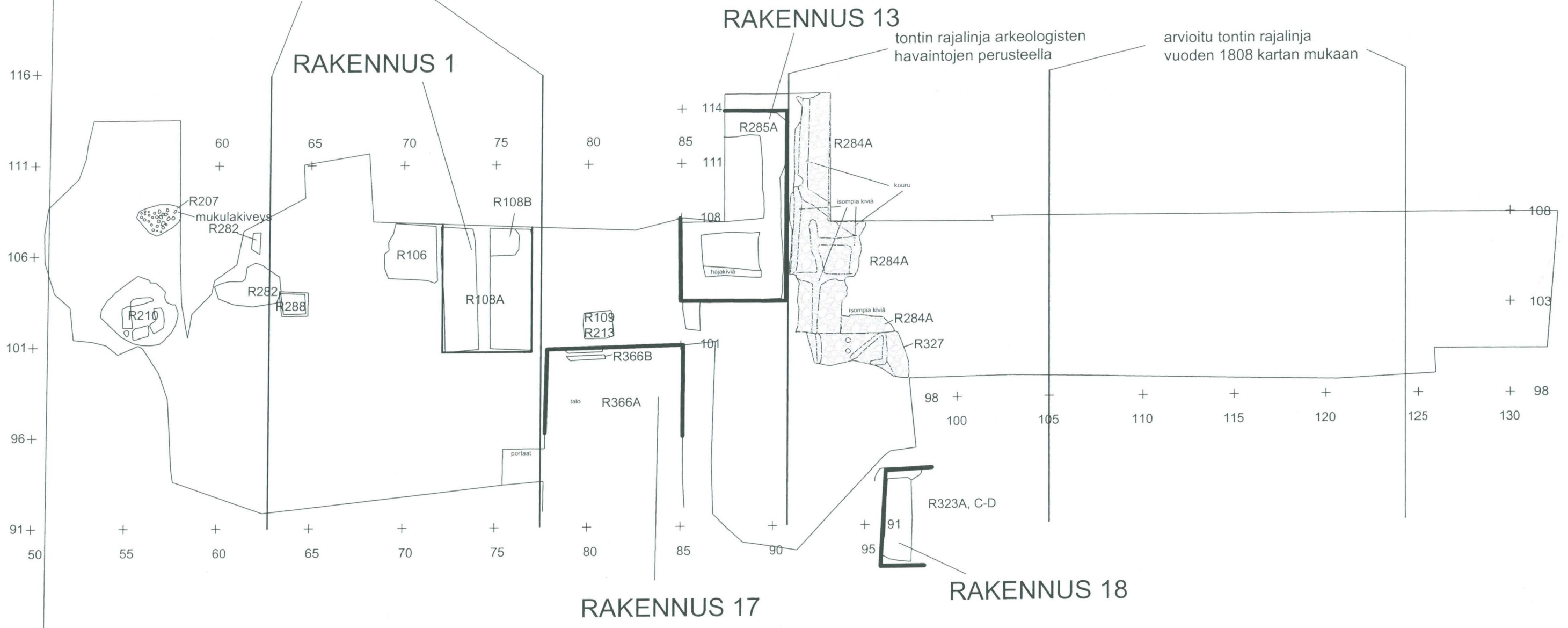


<p><b>TURKU</b>  <b>Rettiginrinne</b>  <b>E. Saloranta 2001</b></p>	<p>Faasi IX: R101C=R293A-B, R108A-B, R110=R214, R111, R209, R284A=R327, R287, R289C, R289E, R290, R323A, R323C-D, R366A-B                  MK 1:225</p>
<p>MITTAUSDOKUMENTOINTI                  Miikka Kumpulainen ja Mika Ainasoja</p>	<p>TURUN MAAKUNTAMUSEO, TURKU</p>
	<p>Faasikartta IX/2001</p>

# 1800-luvun alku ennen Turun paloa 1827



arvioitujen tonttien rajalinjat  
vuoden 1808 mukaan



RAKENNUS 13  
tontin rajalinja arkeologisten  
havaintojen perusteella

arvioitu tontin rajalinja  
vuoden 1808 kartan mukaan

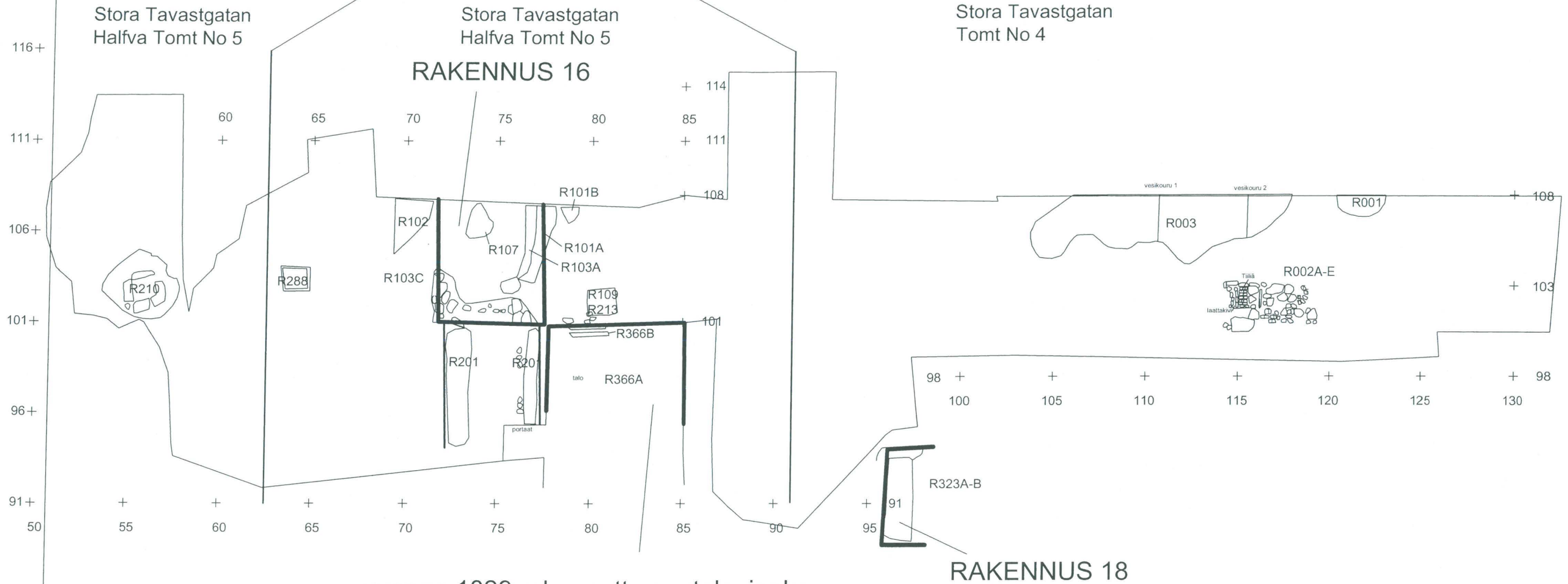
<p>TURKU Rettiginrinne E. Saloranta 2001</p>	<p>Faasi X: R106, R108A-B, R109=R213, R207, R210, R282, R284A, R285A, R288, R323A, R323C-D, R327, R366A-B MK 1:225</p>
<p>MITTAUSDOKUMENTOINTI Miikka Kumpulainen ja Mika Ainasoja</p>	<p>TURUN MAAKUNTAMUSEO, TURKU</p>
	<p>Faasikartta X/2001</p>



# Turun palon 1827 jälkeinen aika



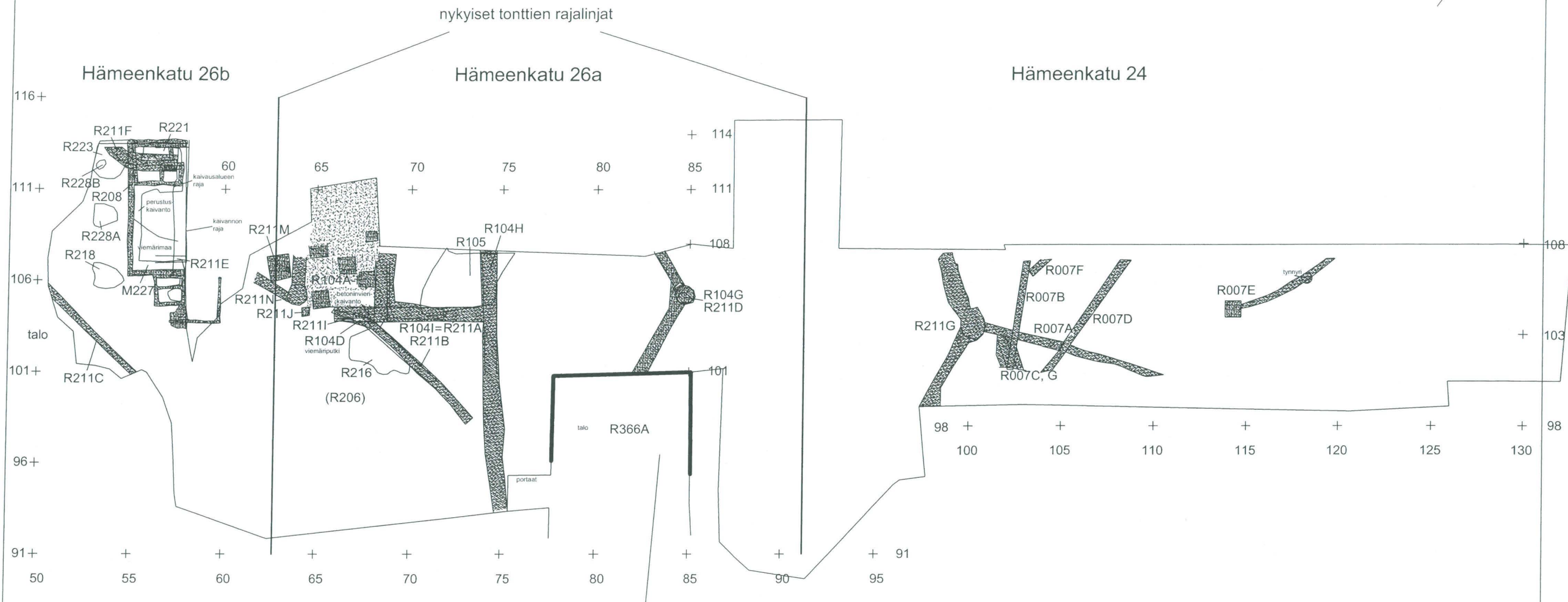
tonttien rajalinjat vuoden 1828 ja nykyisen asemakaavan mukaan



vuonna 1829 rakennettu puutalo, jonka perustuksena on RAKENNUS 17:n kivikellari

<p>TURKU Rettiginrinne E. Saloranta 2001</p>	<p>Faasi XI: R001, R002A-E, R003, R101A-B, R102, R103A-C, R107, R109=R213, R201, R210, R288, R323A-B, R366A-B MK 1:225</p>
<p>MITTAUSDOKUMENTOINTI Miikka Kumpulainen ja Mika Ainasoja</p>	<p>TURUN MAAKUNTAMUSEO, TURKU</p>
	<p>Faasikartta XI/2001</p>

# 1900-luku



vuonna 1829 rakennettu puutalo, jonka perustuksena on RAKENNUS 17:n kivikellari

<p><b>TURKU</b>  <b>Rettiginrinne</b>  <b>E. Saloranta 2001</b></p>	<p>Faasi XII:          007A-G, R104A-G, R105, R206,          R208, R211A-G, R211I-J, R211M-N,          R216, R218, R221, R223, R228A-B          MK 1:225</p>
<p>MITTAUSDOKUMENTOINTI          Miikka Kumpulainen ja Mika Ainasoja</p>	<p>TURUN MAAKUNTAMUSEO, TURKU</p>
	<p>Faasikartta XII/2001</p>



Turku Rettiginrinne 2000-2001  
Liite XII  
Historialliset kartat sovitettuna  
Turun kantan karttaan



TURKU  
Rettiginrinne  
E. Saloranta 2001

Ote venäläisestä kartasta 1741-1743  
ja ote Turun kaupungin kantakartasta  
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Kartta 186/2001





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E. Saloranta 2001

Ote Daniel Gadolinin kartasta 1756  
ja ote Turun kaupungin kantakartasta  
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Kartta 185/2001