ТИПОВЫЕ СТРОИТЕЛЬНЫЕ КОНСТРУКЦИИ, ИЗДЕЛИЯ И УЗЛЫ

СЕРИЯ 1.020-1/87

КОНСТРУКЦИИ КАРКАСА МЕЖВИДОВОГО ПРИМЕНЕНИЯ ДЛЯ МНОГОЭТАЖНЫХ ОБЩЕСТВЕННЫХ ЗДАНИЙ, ПРОИЗВОДСТВЕННЫХ И ВСПОМОГАТЕЛЬНЫХ ЗДАНИЙ ПРОМЫШЛЕННЫХ ПРЕДПРИЯТИЙ

ВЫПУСК 0-6

ГРАФИКИ НЕСУЩИХ СПОСОБНОСТЕЙ КОЛОНН ДЛЯ ЗДАНИЙ С ВЫСОТАМИ ЭТАЖЕЙ 4,8; 6,0 И 7,2 М

ЧАСТЬ 2

(СТР. 101...200)

Вх. 3282/9 л.102

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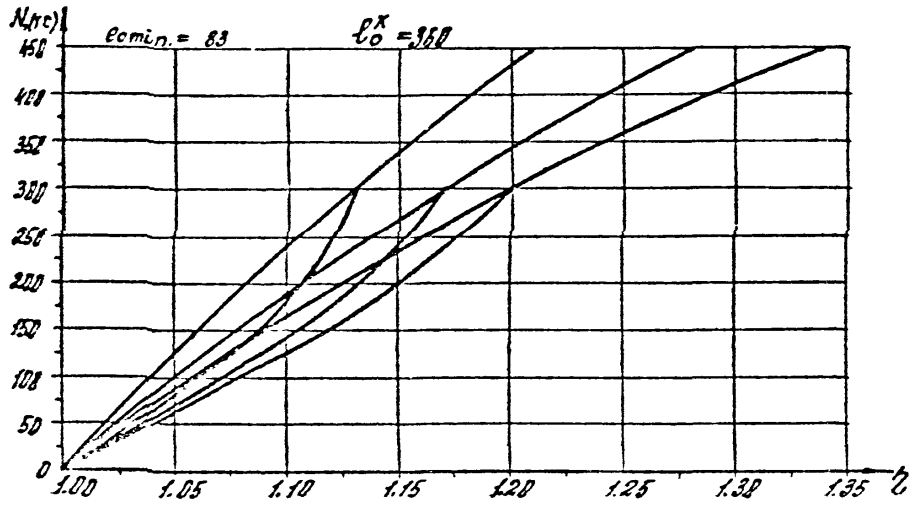

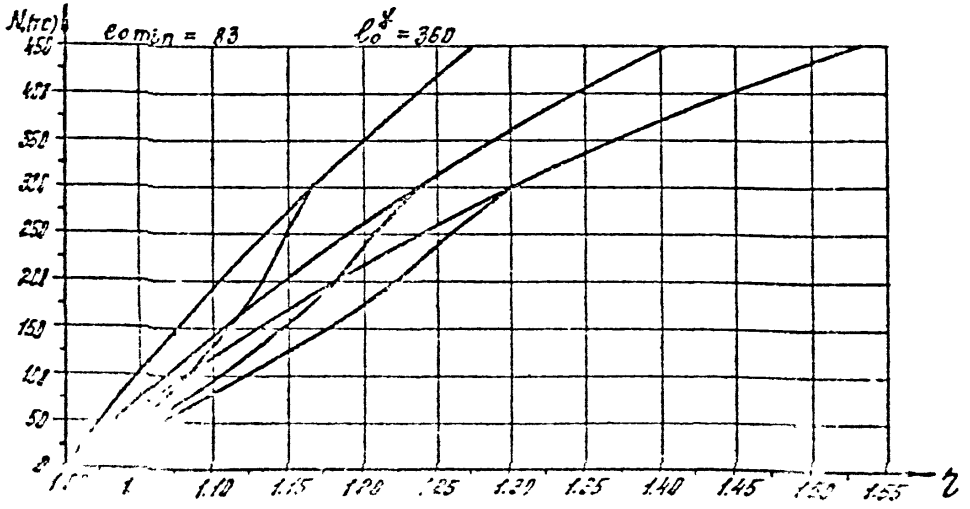

Вх. 32829 л.103

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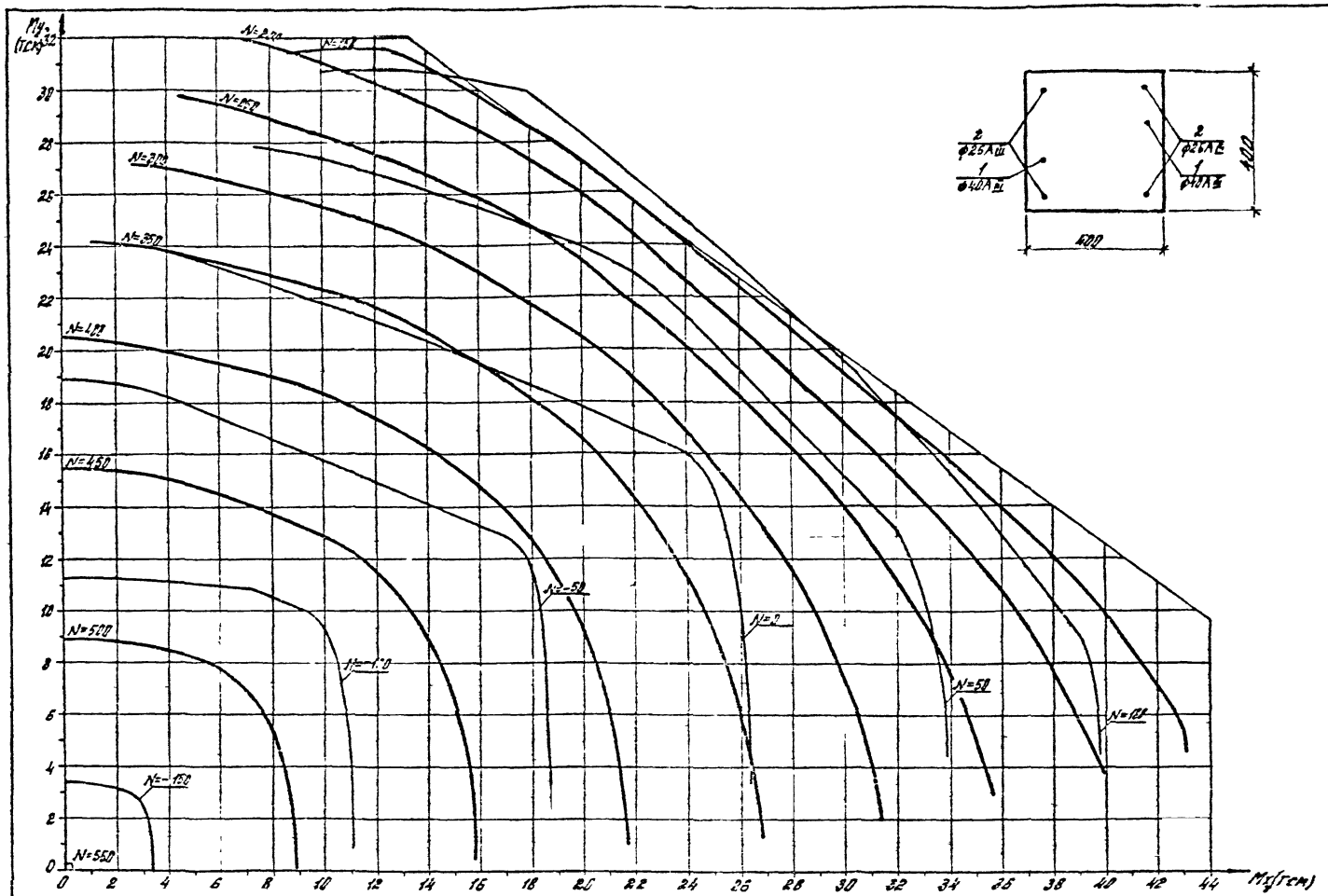
Лист 98

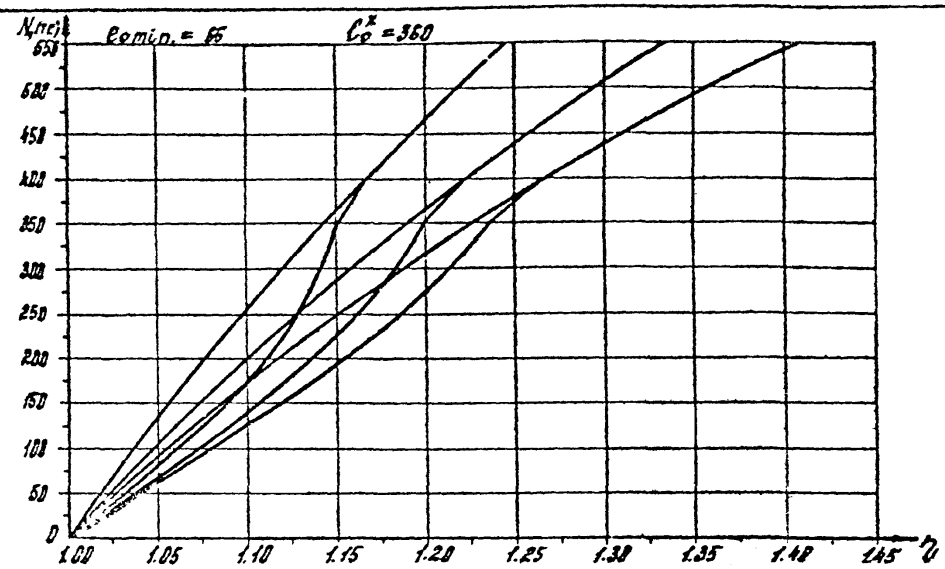


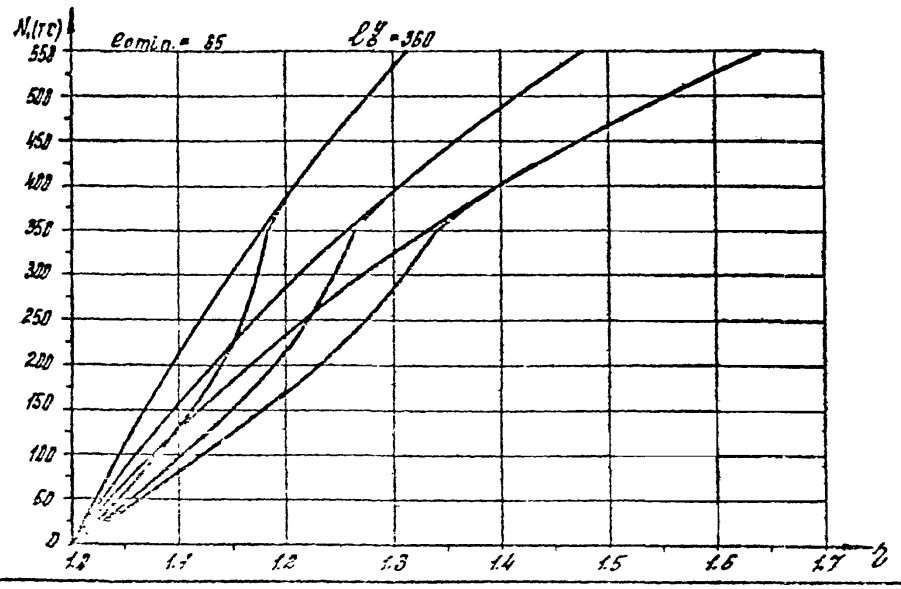
класс бетона В40 (R_b=245.4 кгс/см² при учете γ_{b2}=1.10)

1.020-1/87. 0-6-3 ПЗ

Лист 97

Вх. 32829 л. 104





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1.020 – 1/87. 0-6 – 3 ПЗ

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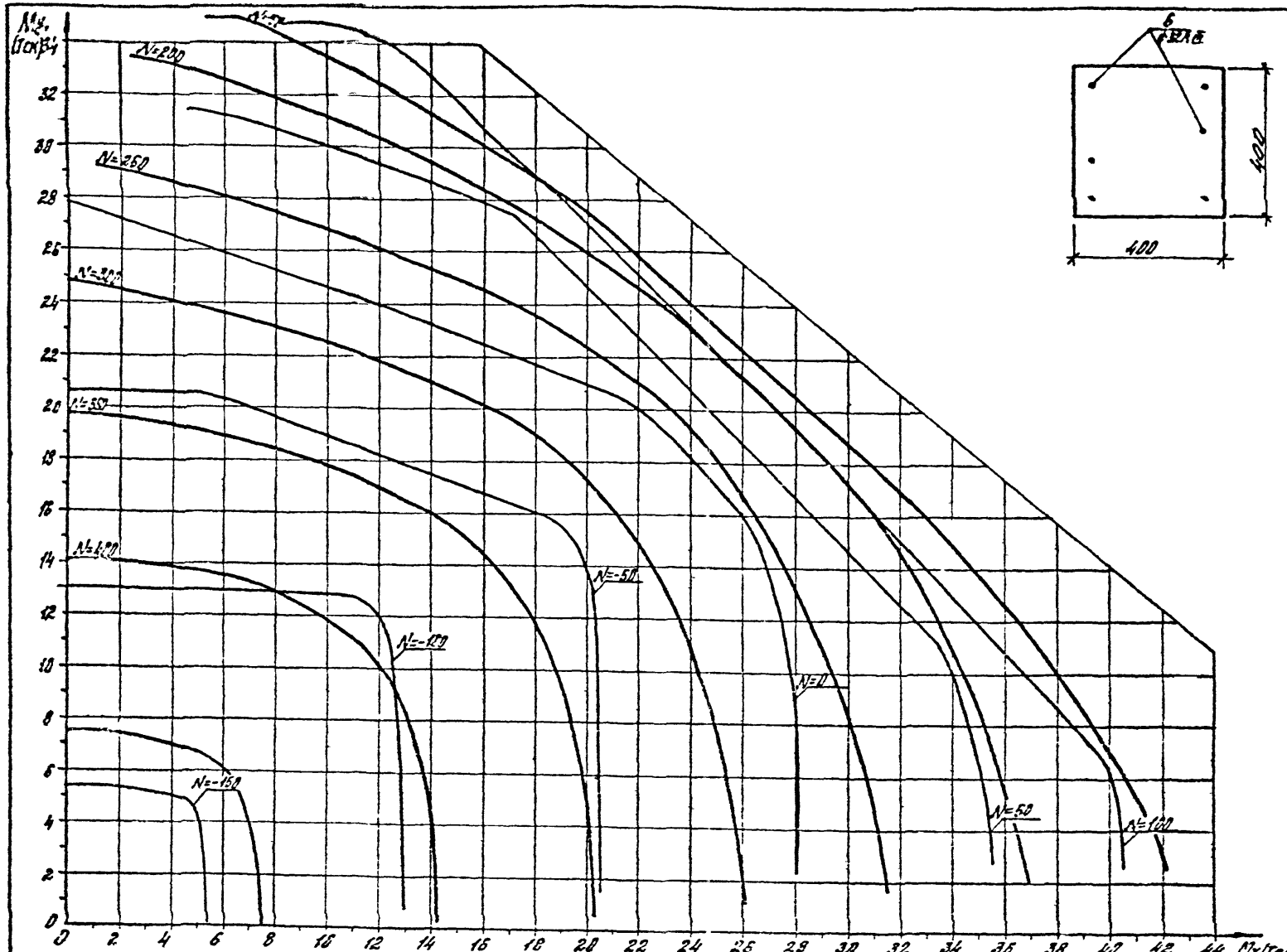
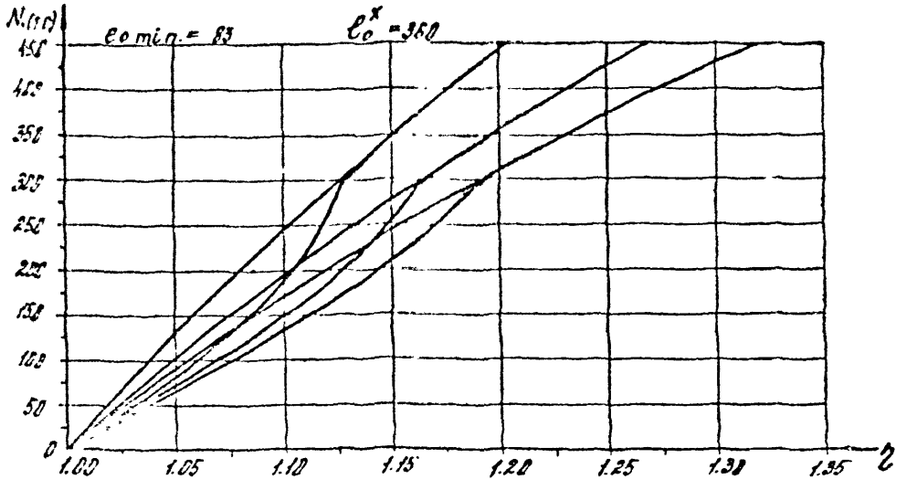


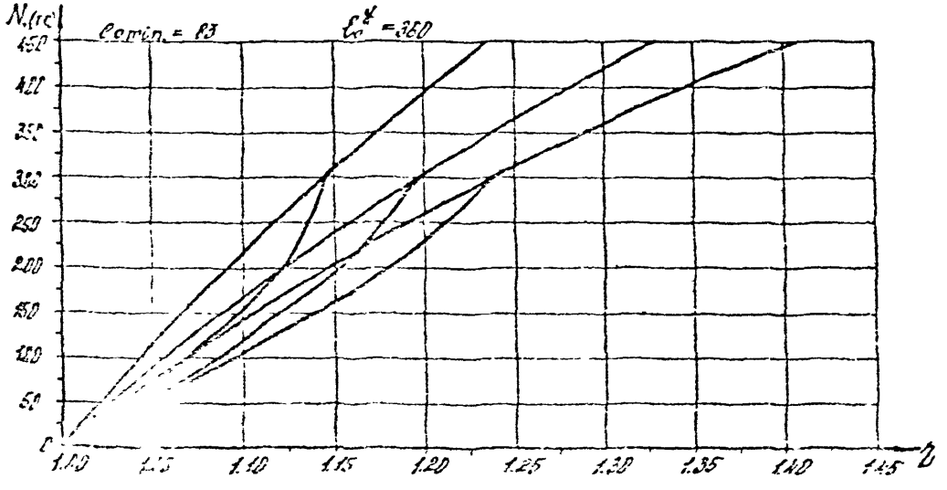
Бх 32829 л. 106

класс бетона В40 ($R_б$=201.6 кгс/см² при учете $\gamma_{в2}$=0,9)

1.020-1/87. 0-6-3 ПЗ

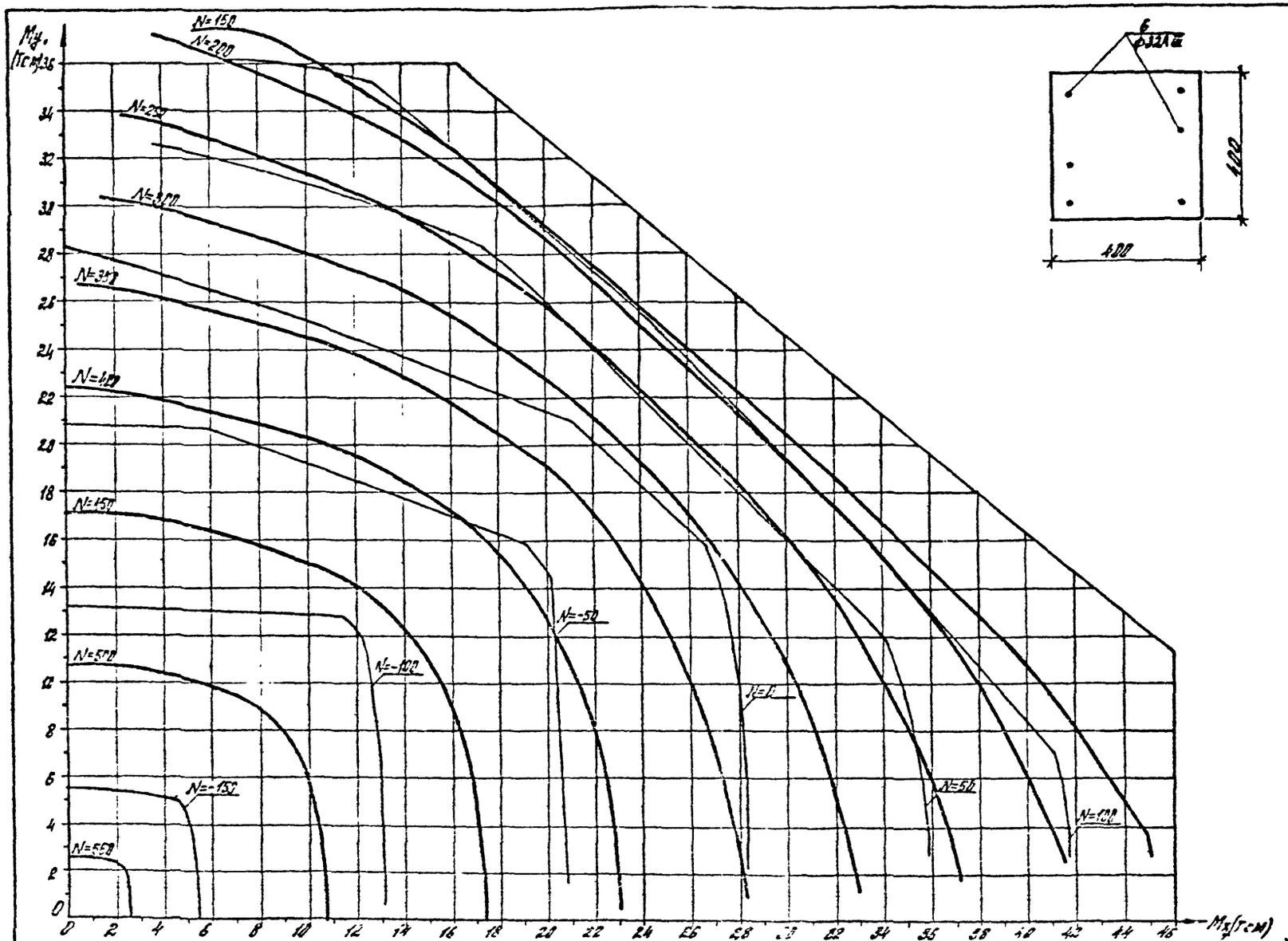
Лист 99





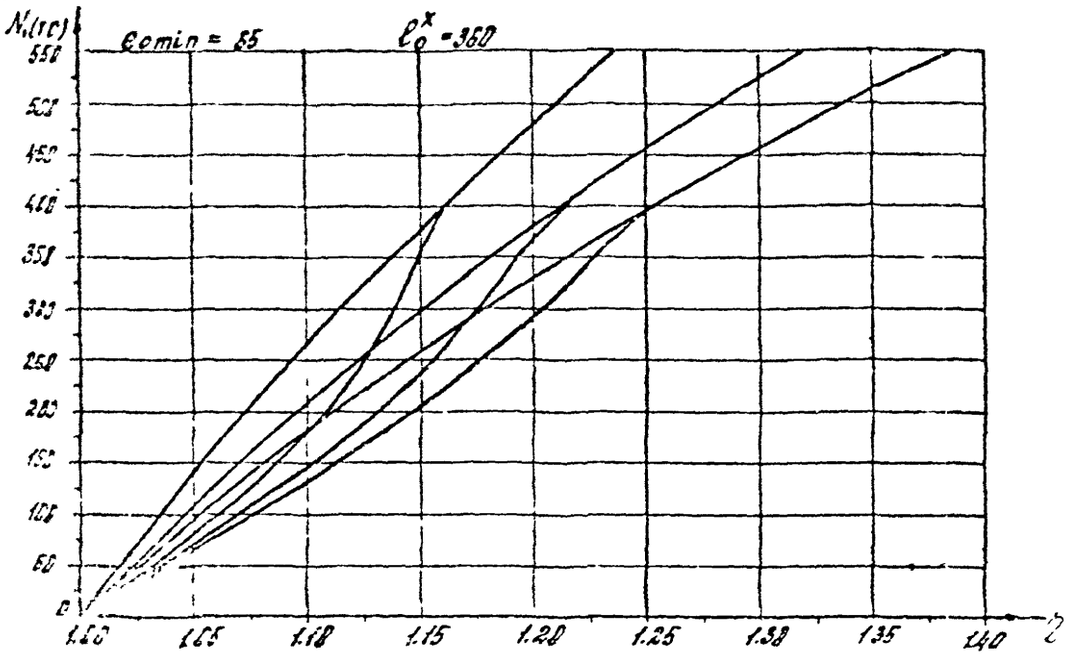
Вх.32829 л.107

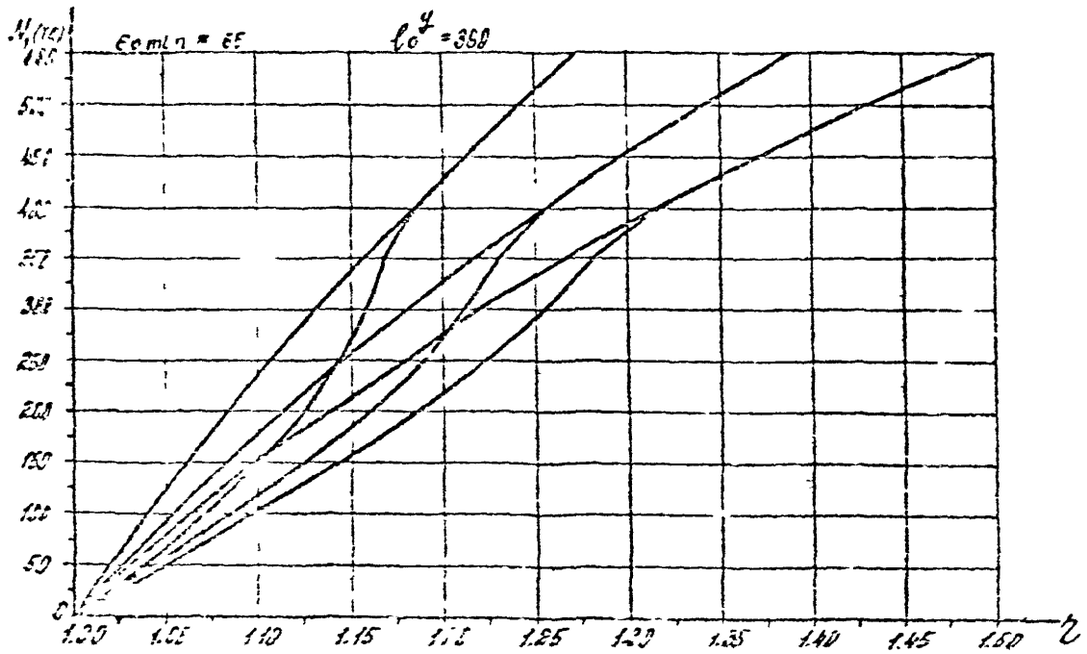
1.020-1/87. 0-6-3 ПЗ



класс бетона В40 (R_b=246,4 кгс/см^2 при учете γ_{b2}=1.10)

1.020 – 1/87. 0-6 – 3 ПЗ

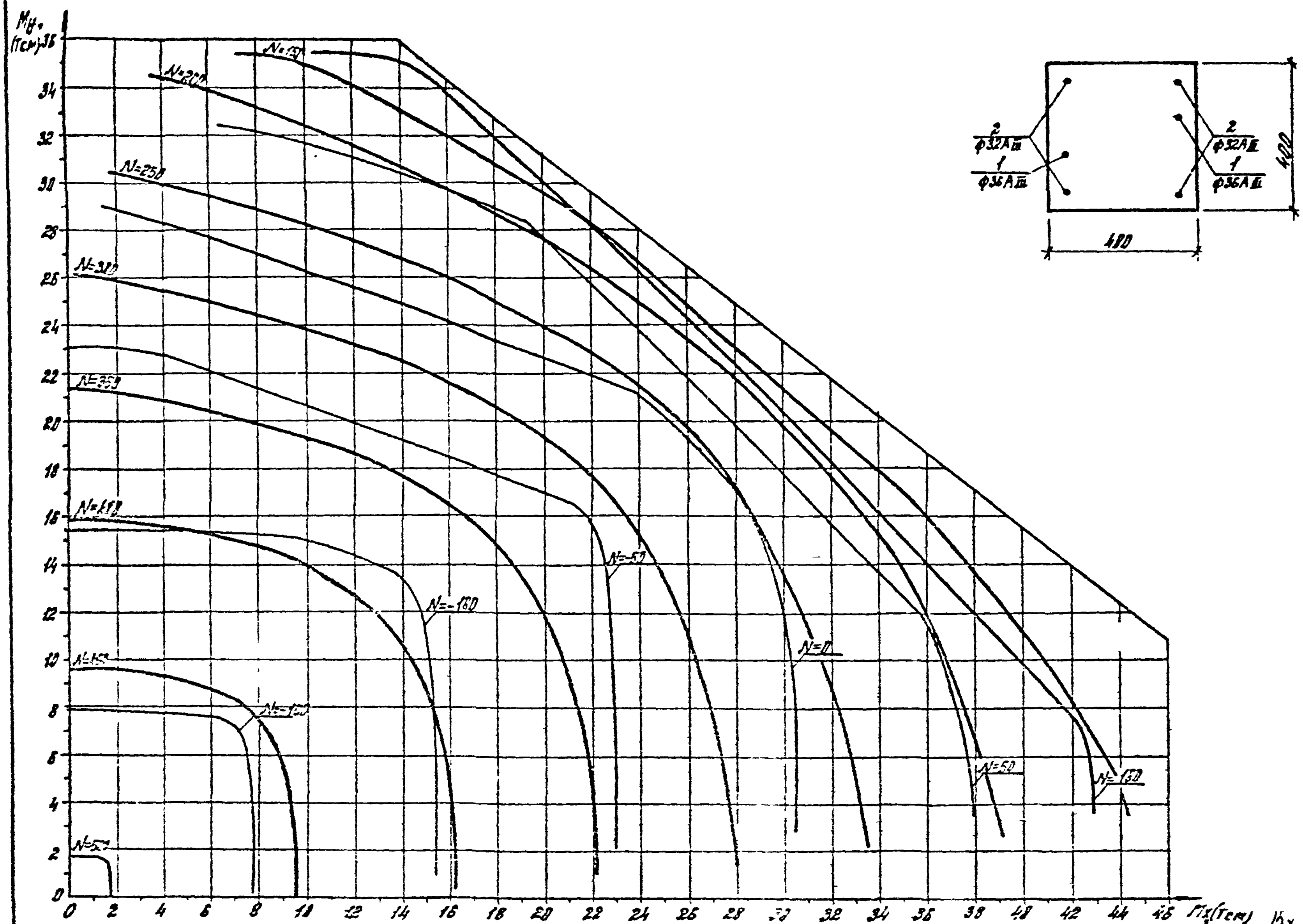




Вх. 32829 л.109

1.020-1/87. 0-6-3 ПЗ

Лист 102



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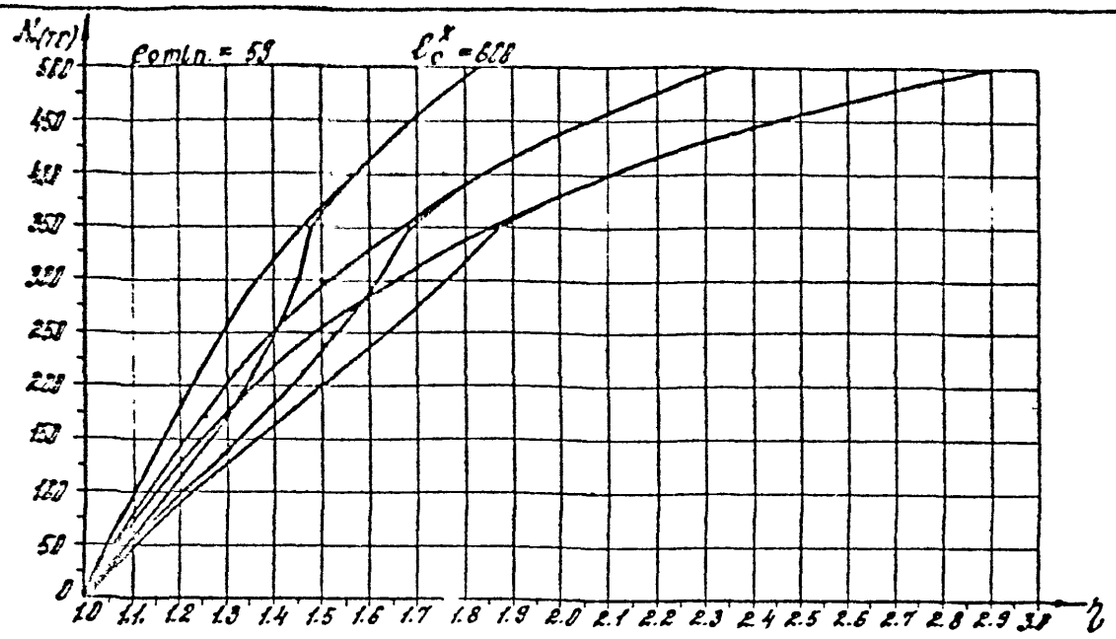

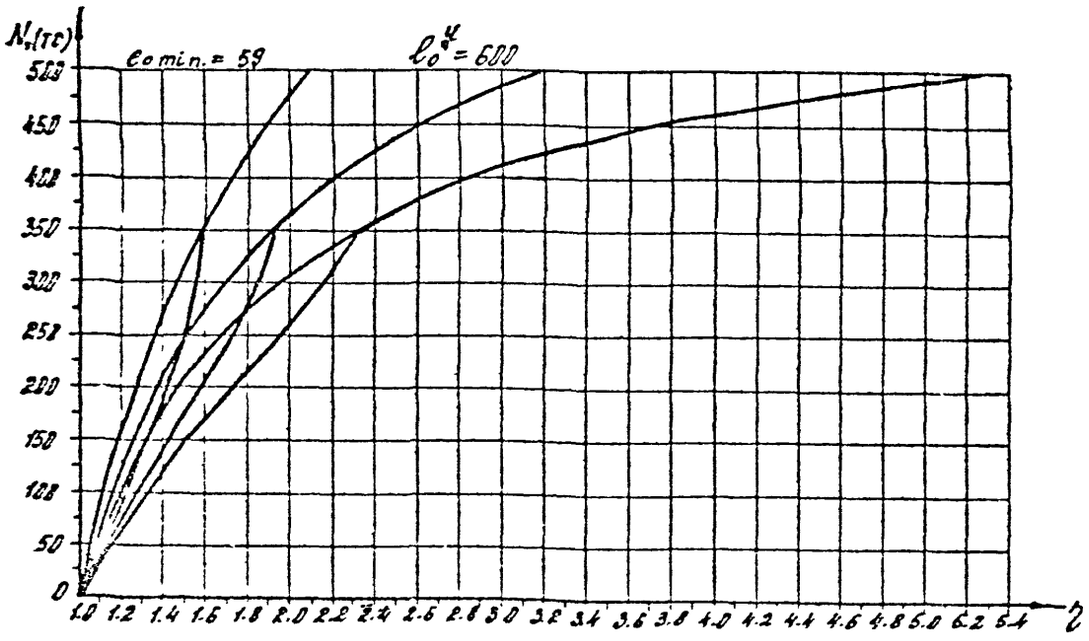

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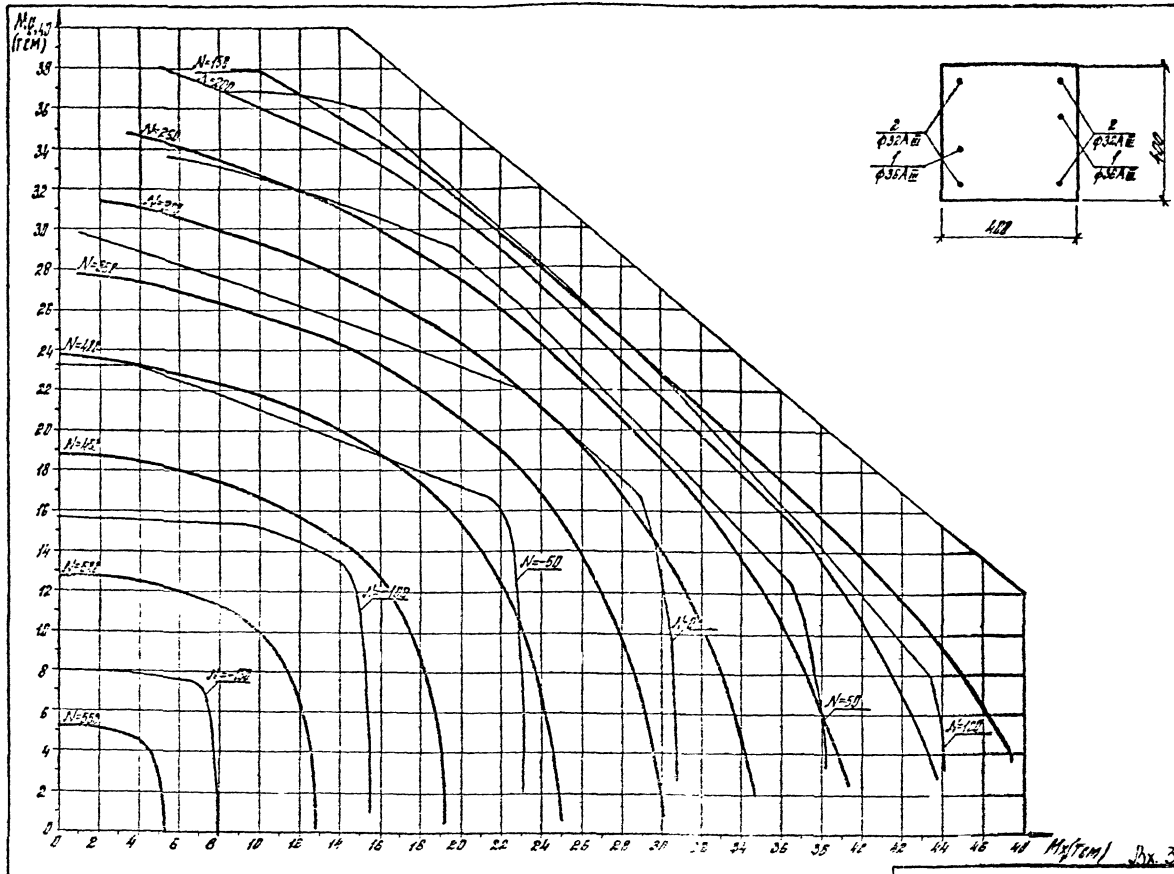
1.020 - 1/87. 0-6-3 ПЗ

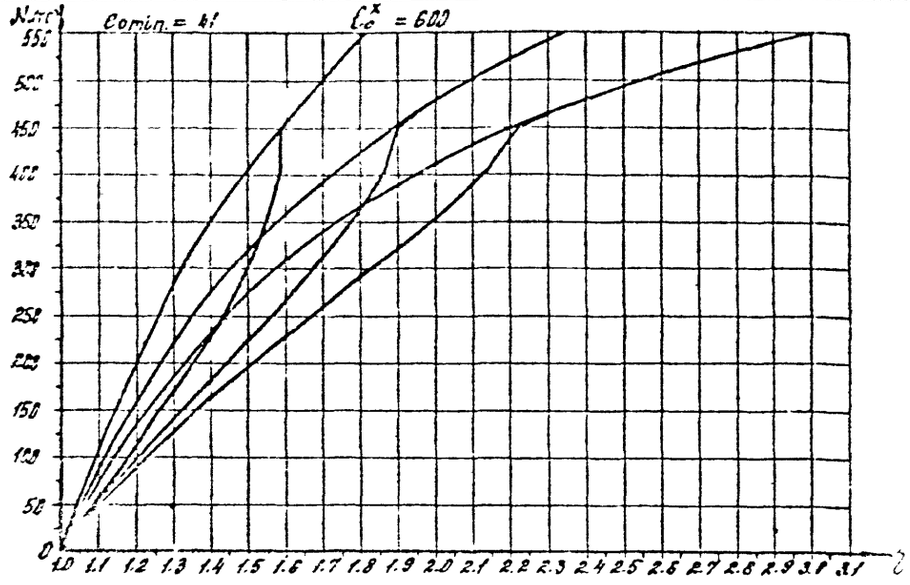


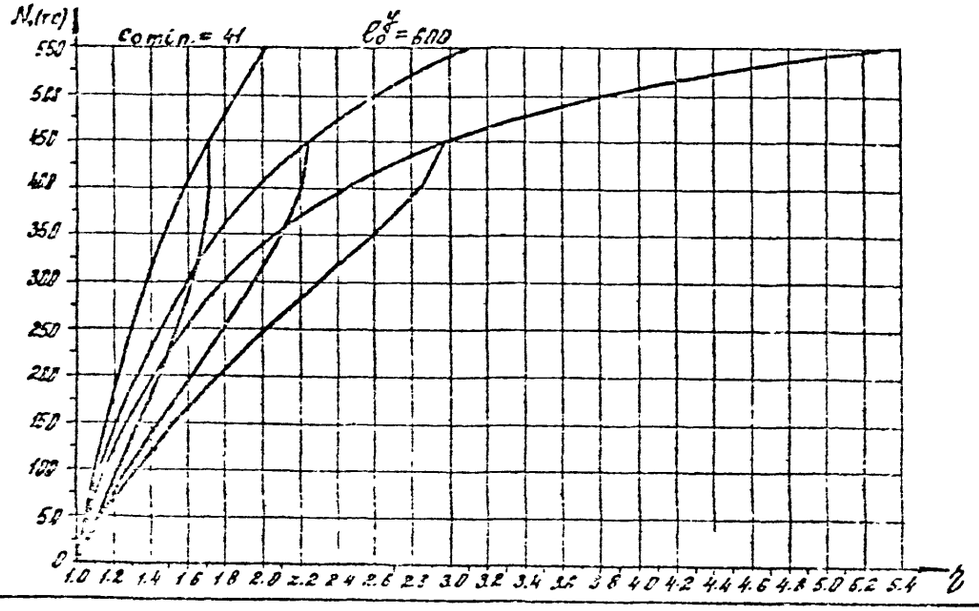
класс бетона В40 (Rв=245.4кгс/см² при учете $\gamma_{в2}$=1.10)

Вх. 3282 Ч.Л. 112

1.020-1/87. 0-6-3 ПЗ

Лист 105





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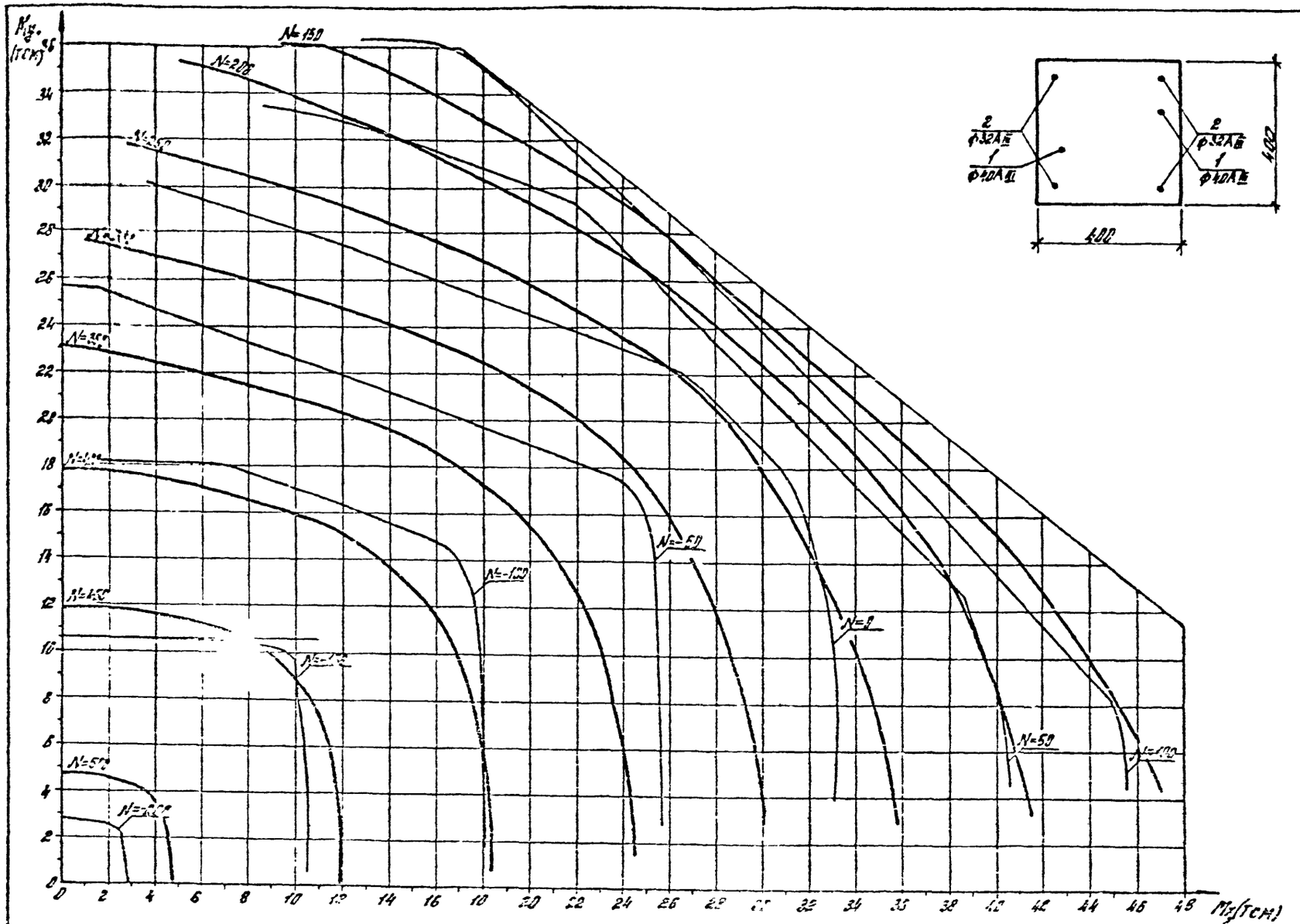
1.020-1/87. 0-6 - 3 ПЗ

Лист 106



класс бетона В40 (RS=201 Зкгс/см² при учете γ_{Bc}=0,5)

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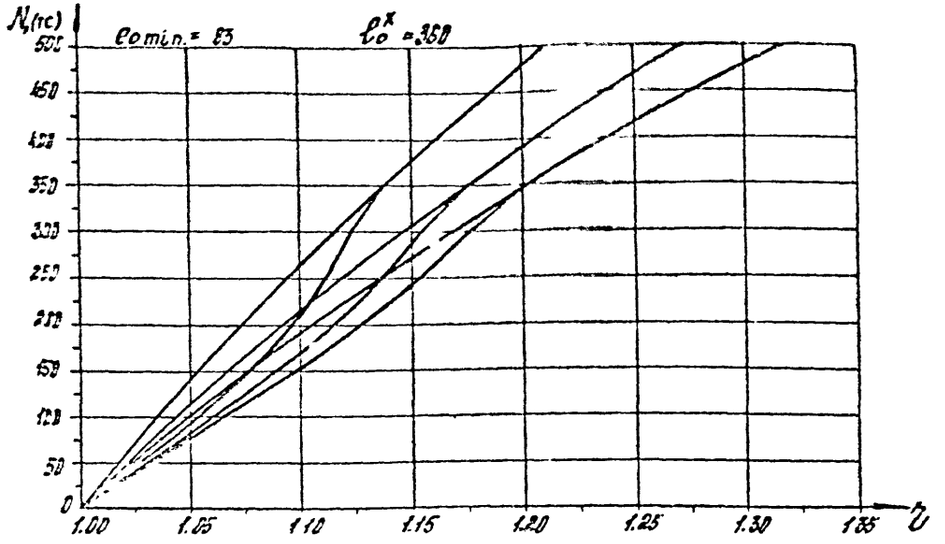
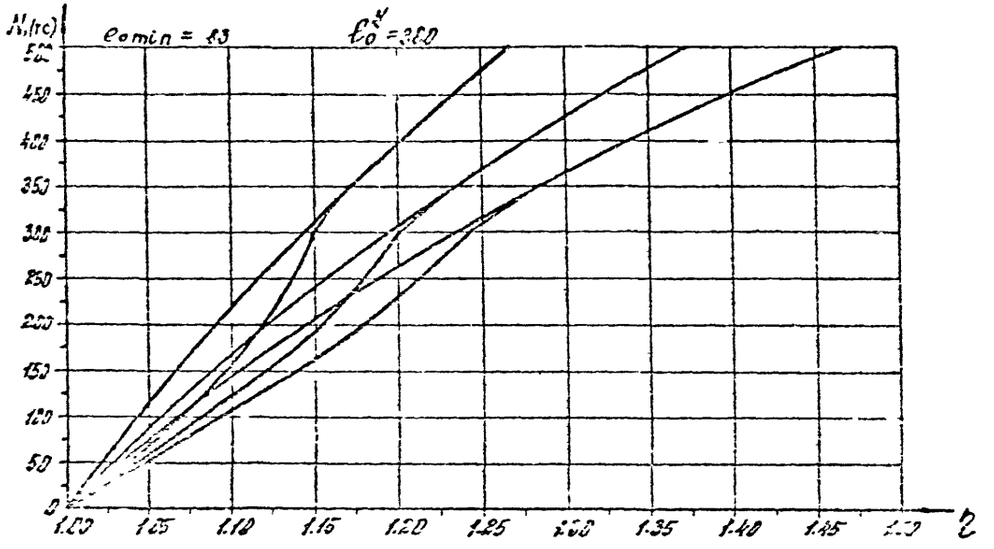
Лист 107

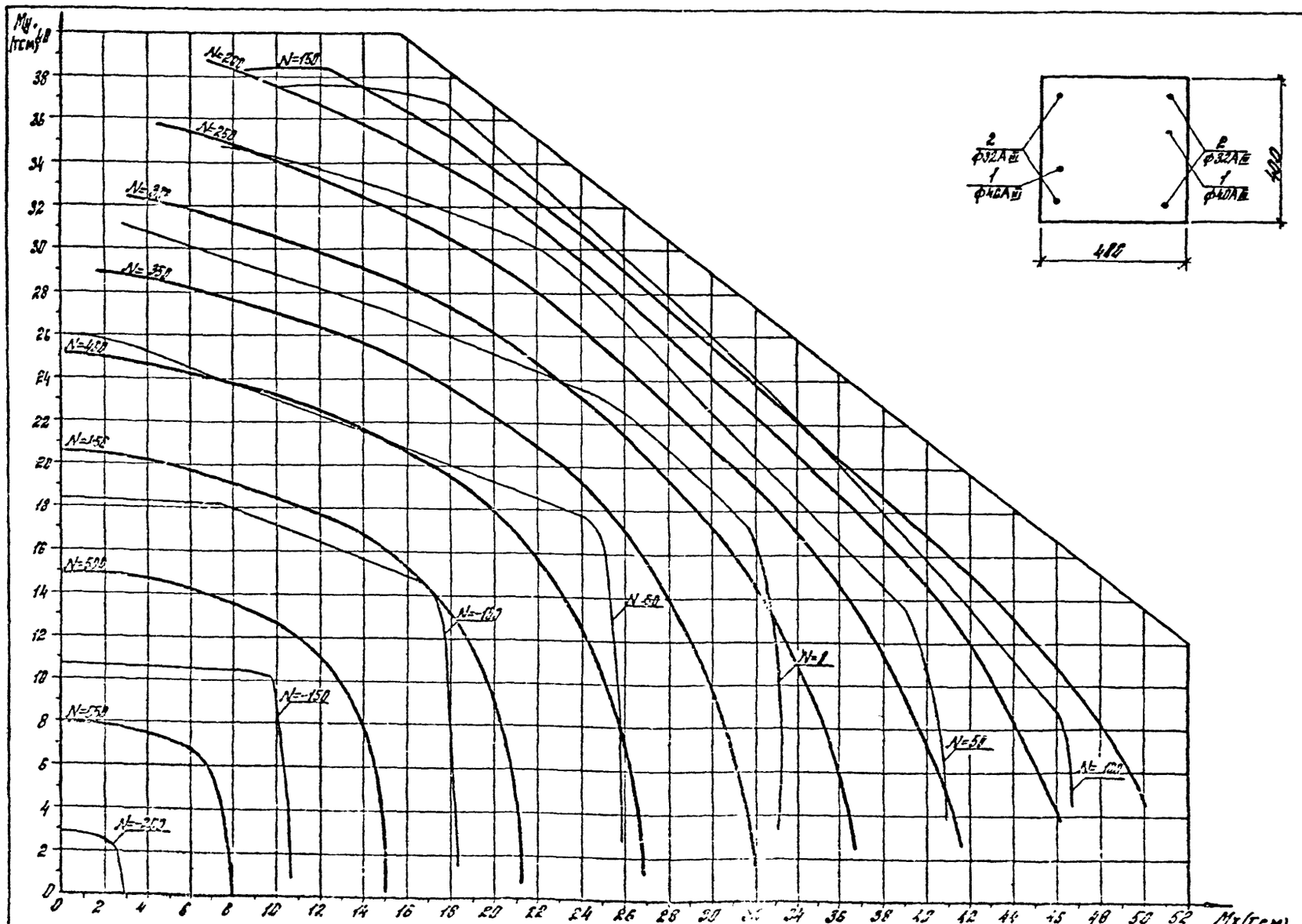
Вх. 32829 л. 114





Вх. 32829 л.115

1020-1/87. 0-6- .3 ПЗ



класс бетона В40 ($R_б$=245.4 кгс/см² при учете $\gamma_{бв}$=1.10)

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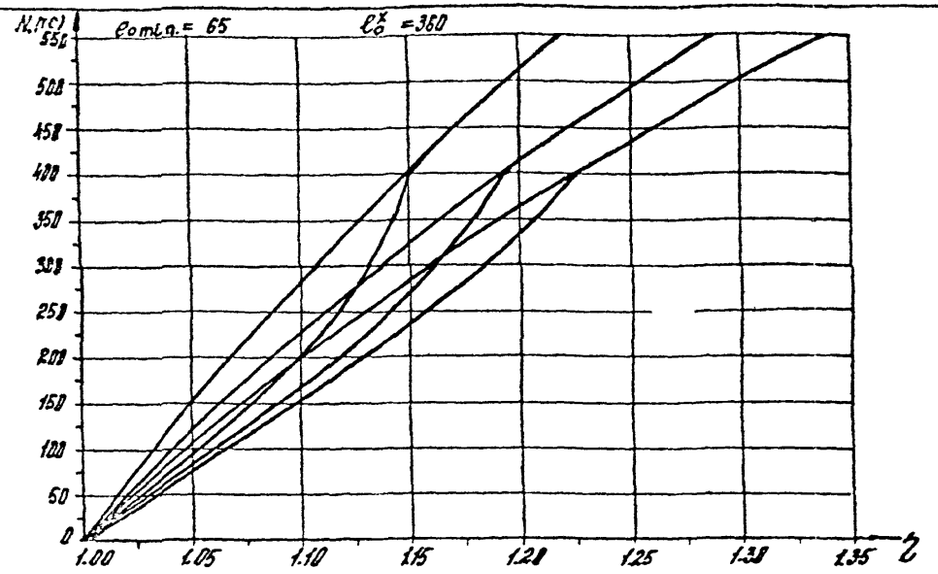
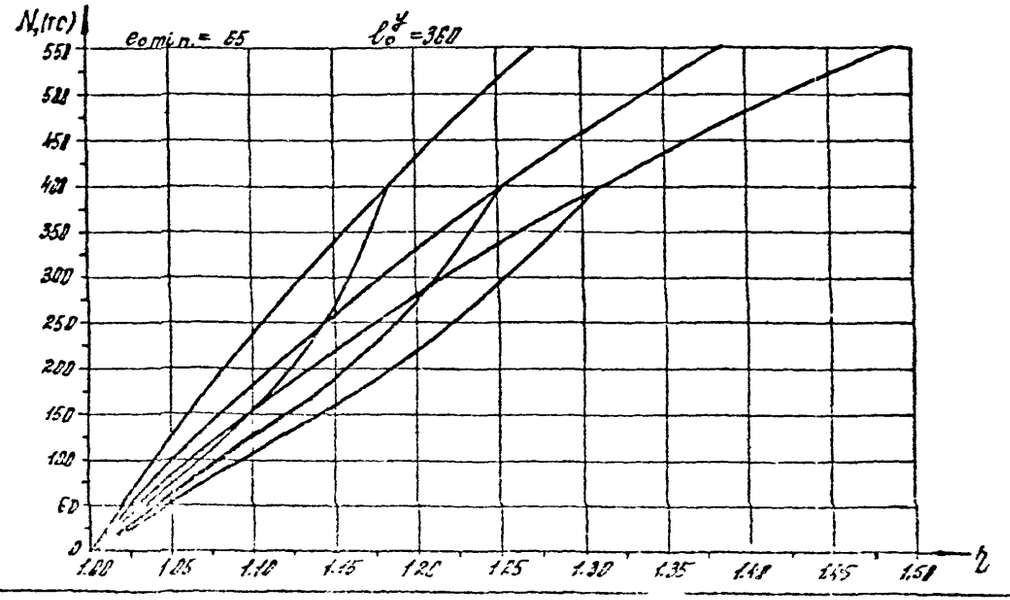
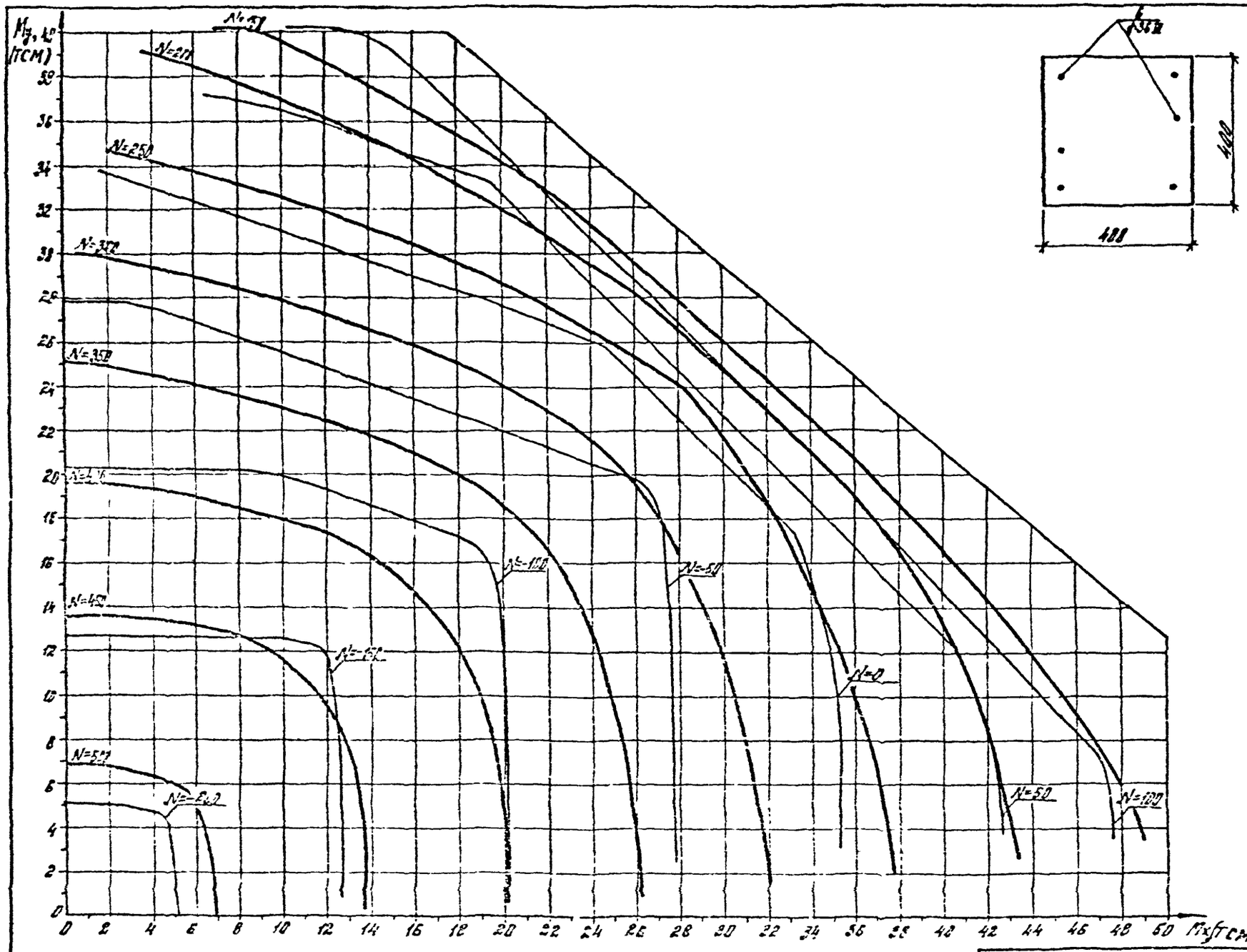
Лист 109

Вх. 32829 л. 116





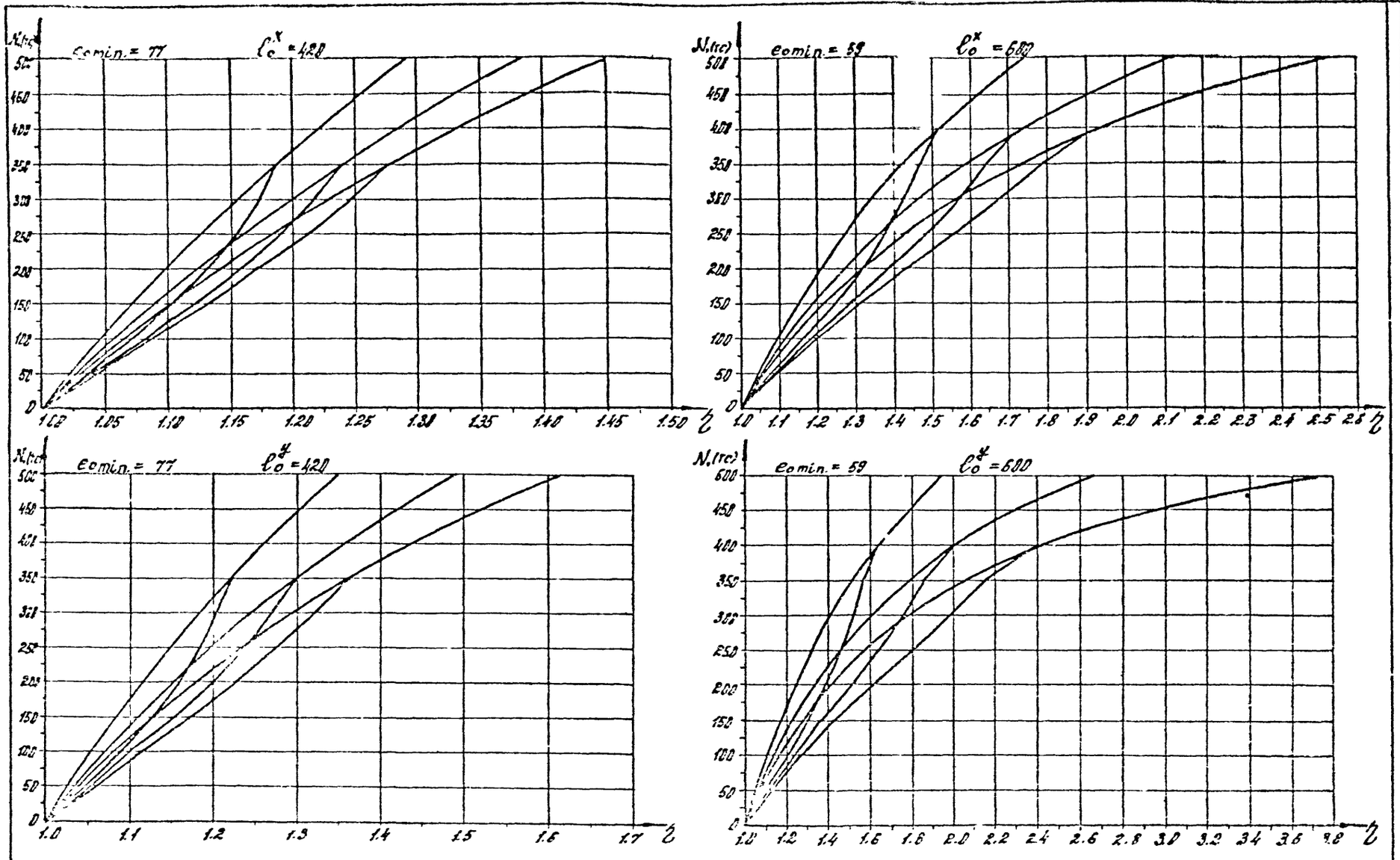
Вх. 32829 л. 117



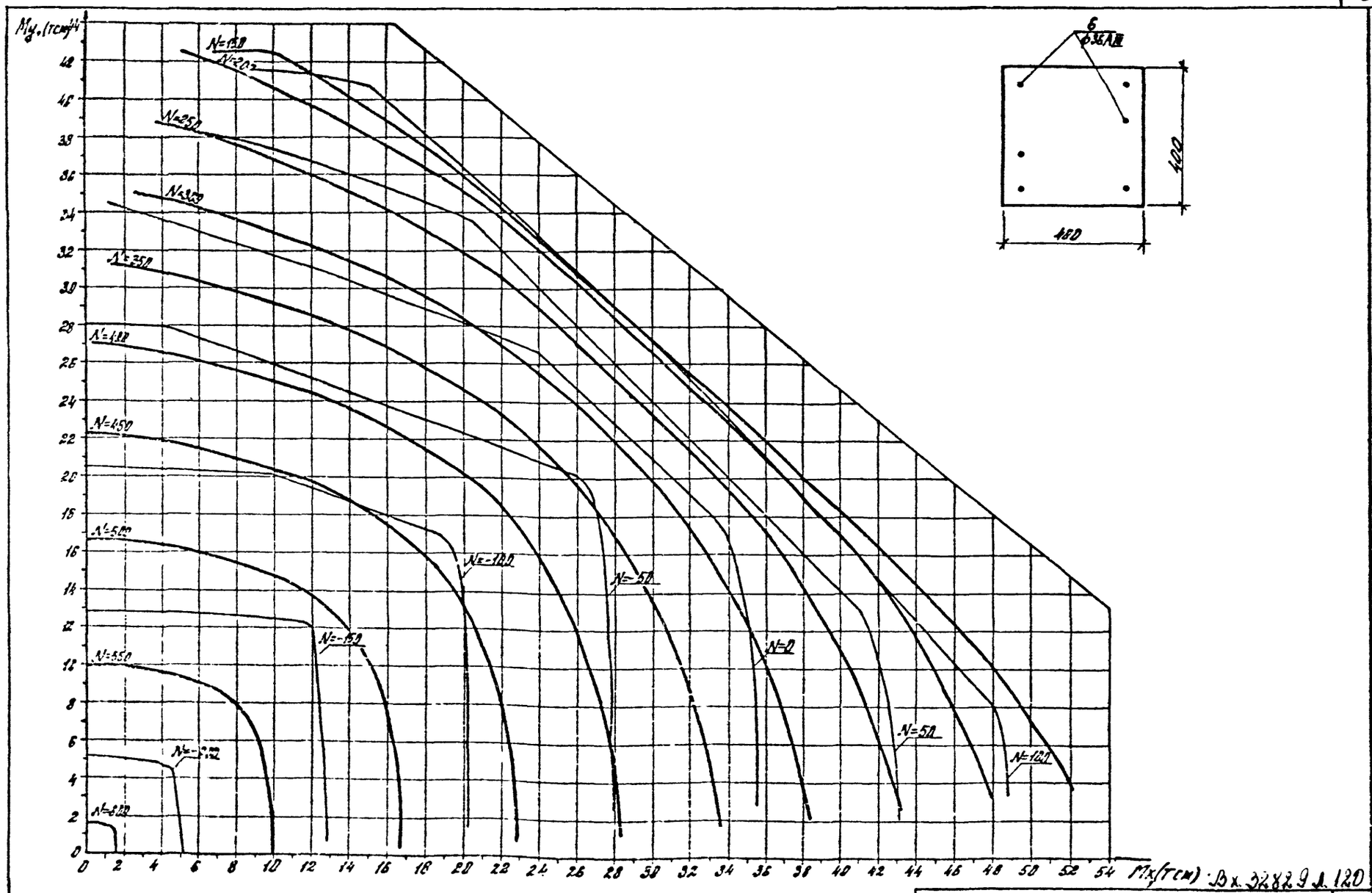
Вх. 52829 л. 118

Класс бетона В40 (Rб=201 б кгс/см² при учете $\gamma_{б2}$=0,9)

1.020-1/87. 0-6-3 ПЗ



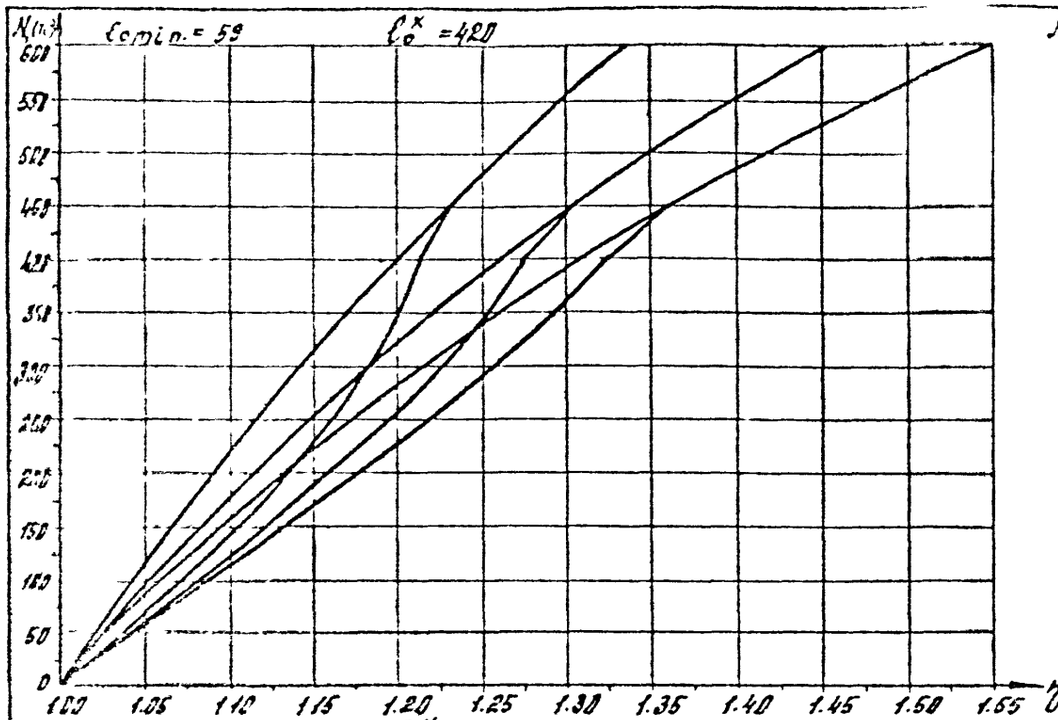
Вх. 32829 л. 119

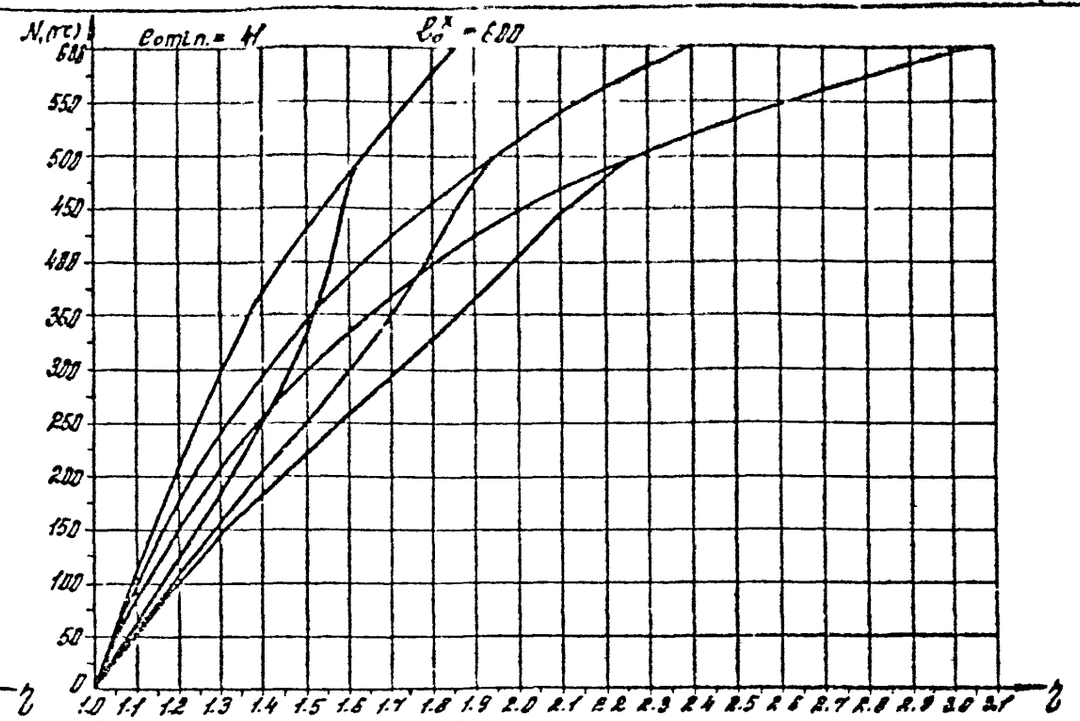


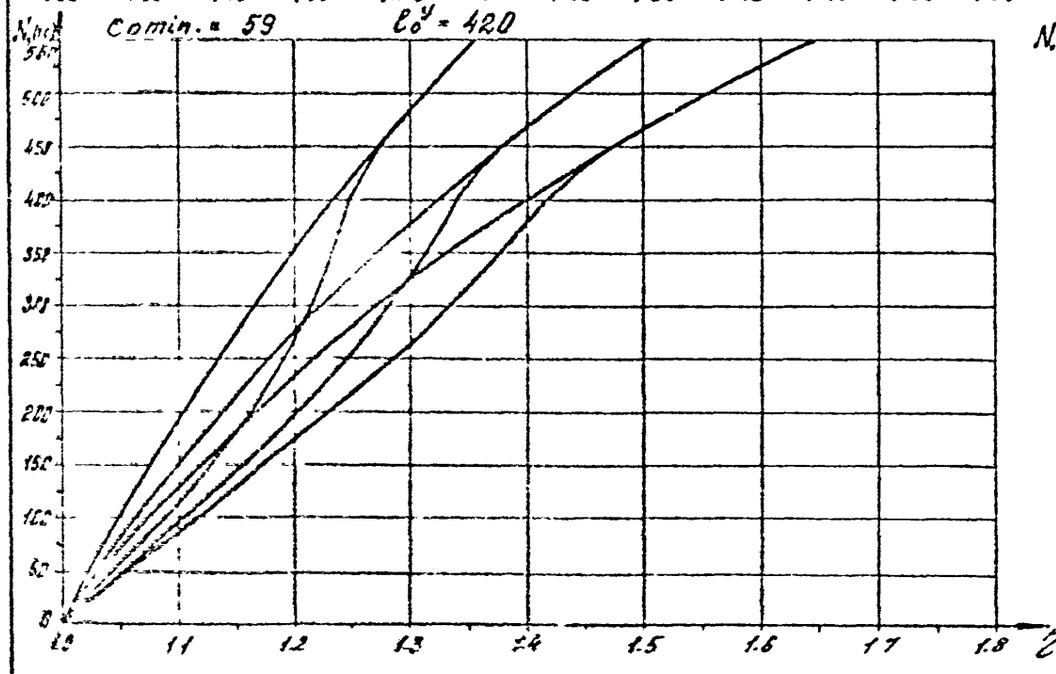
Вх. 32829 л. 120

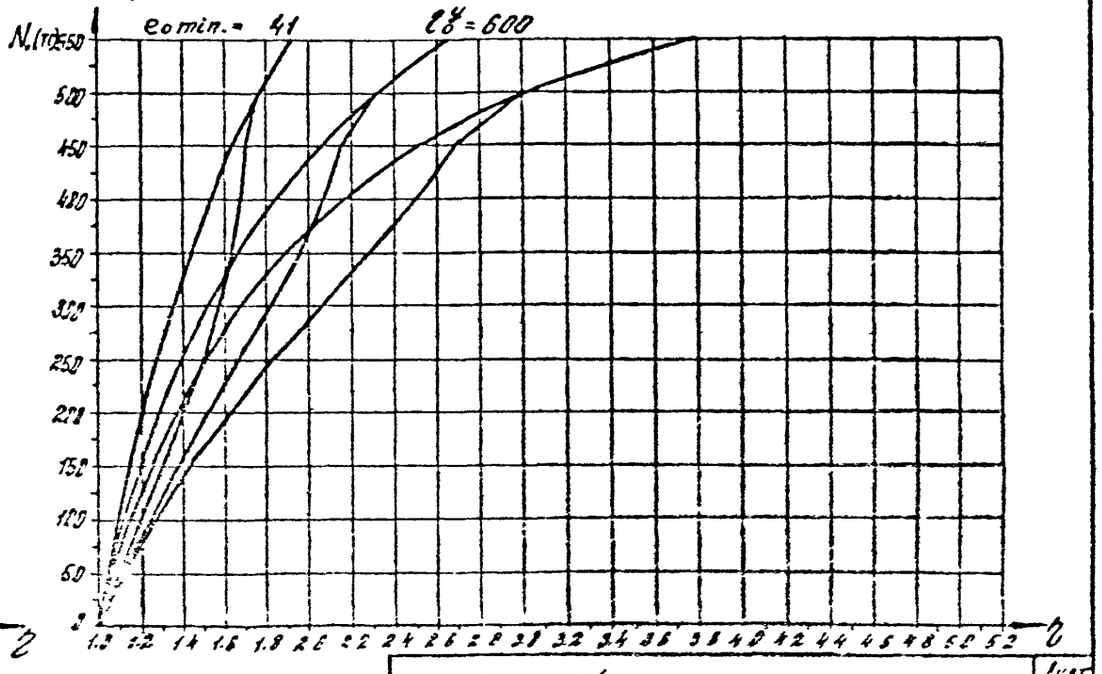
Класс бетона В40 (Rв=246.4кгс/см² при учете γв2=1.10)

1.020-1/87. 0-6-3 ПЗ









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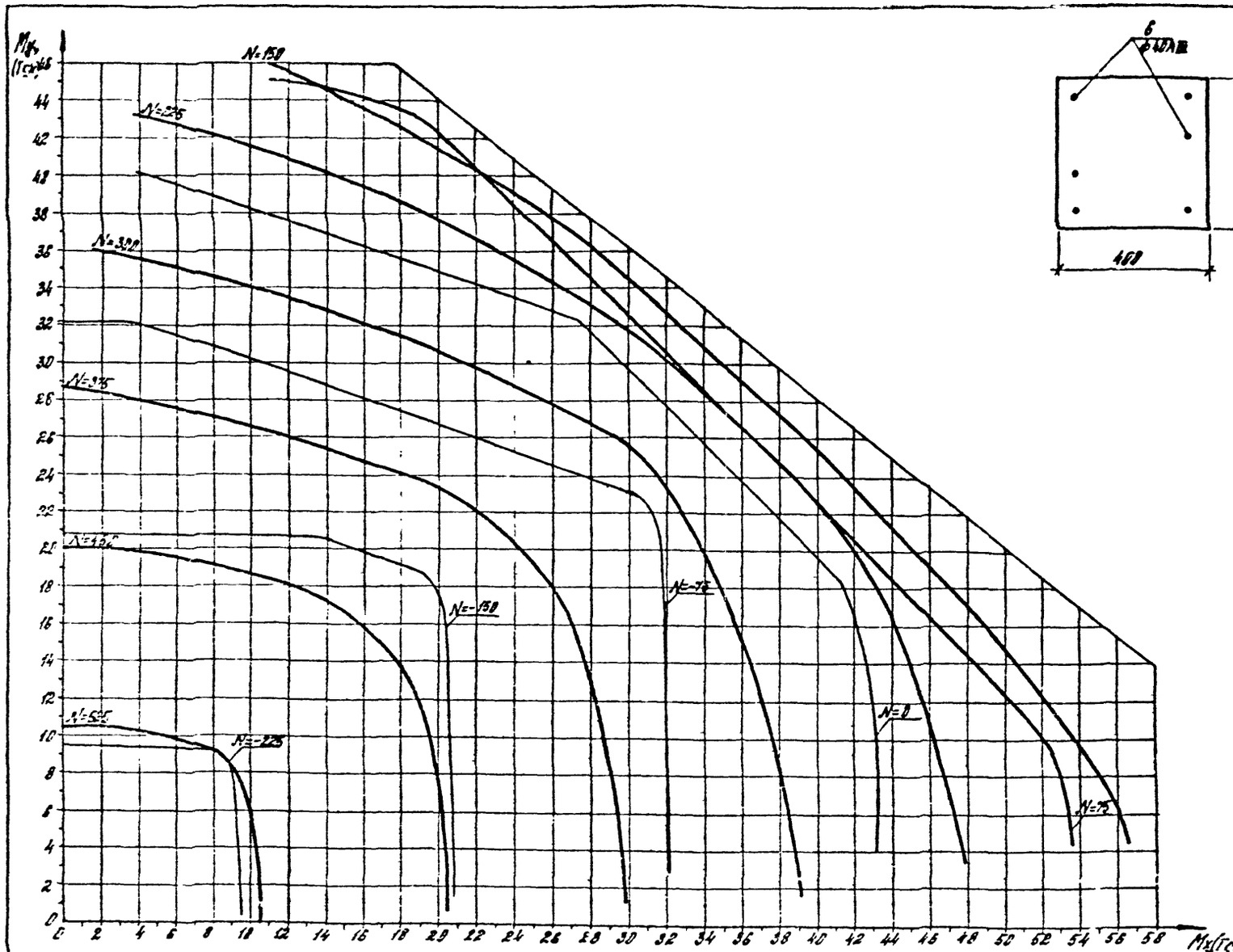
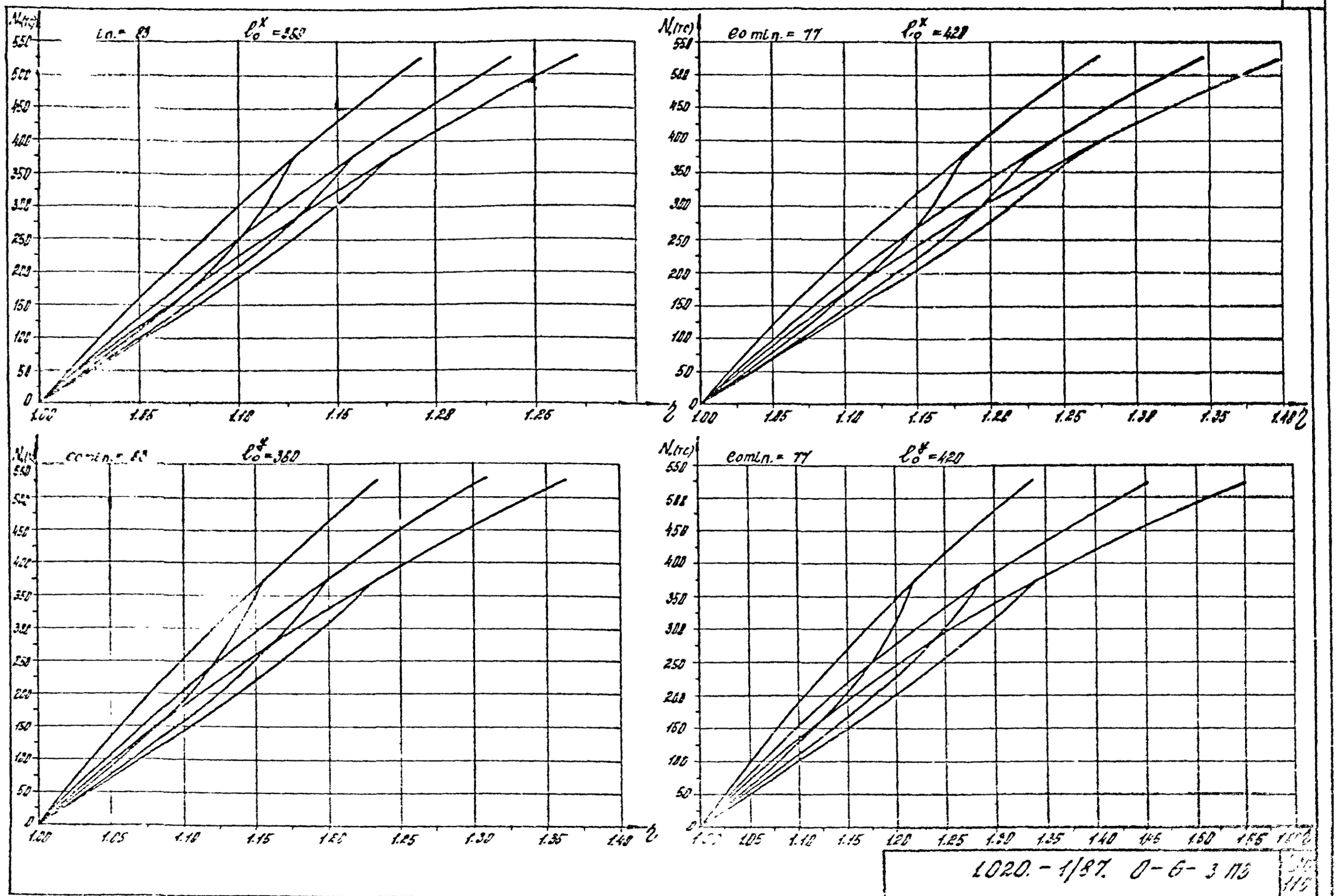


Класс бетона В40 (Rв=281.5 кгс/см² при γb2=0,9)

Вх. 32829 д. 122

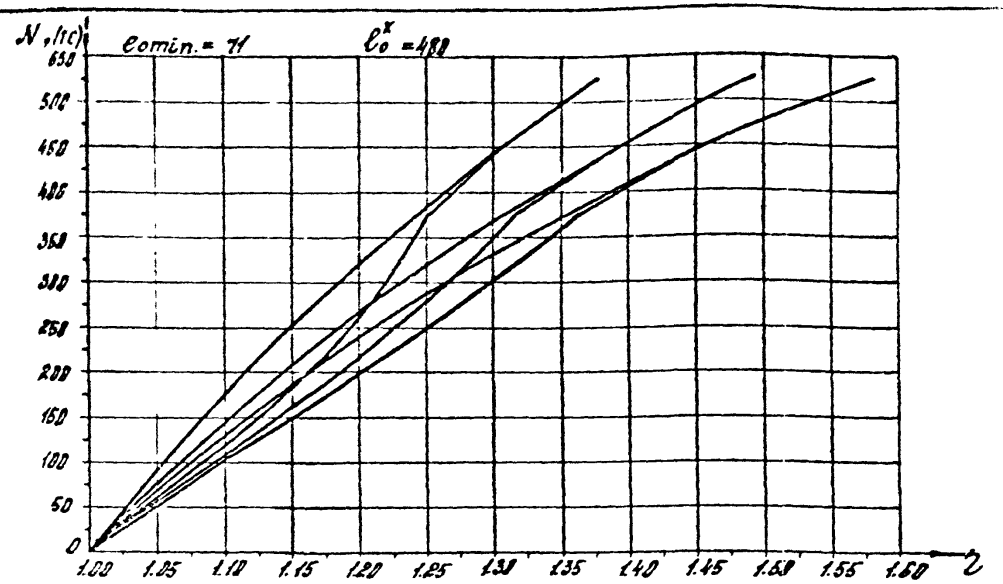
1.020-1/87. 0-6-3 ПЗ

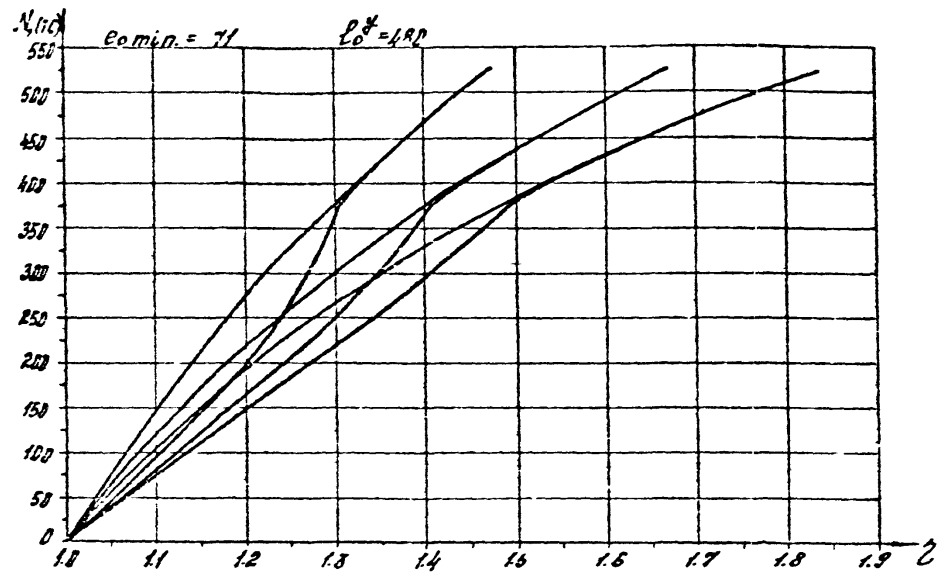
Лист 115



1020. - 1/87. 0-6-3 ПЗ

Вх. 32829 А123





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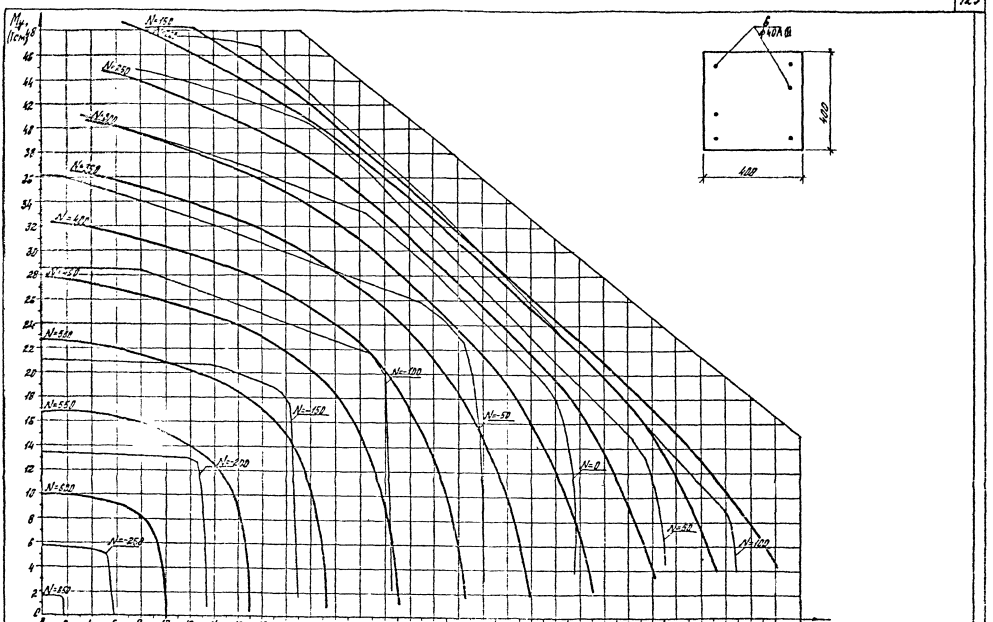
1.020-1/87. 0-6- 3 ПЗ

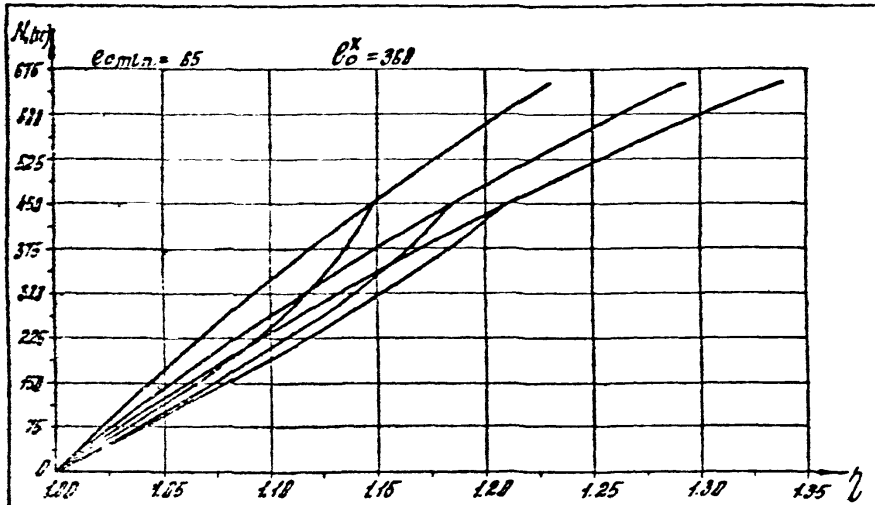
Изм.

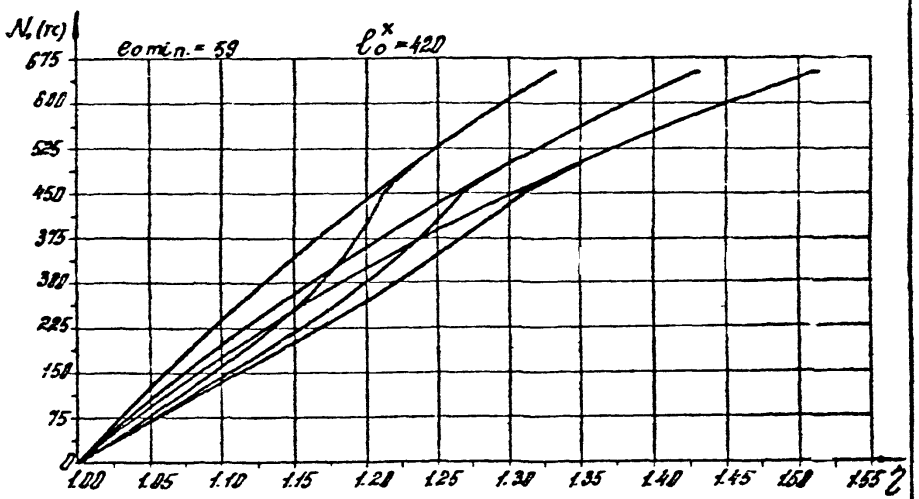
117

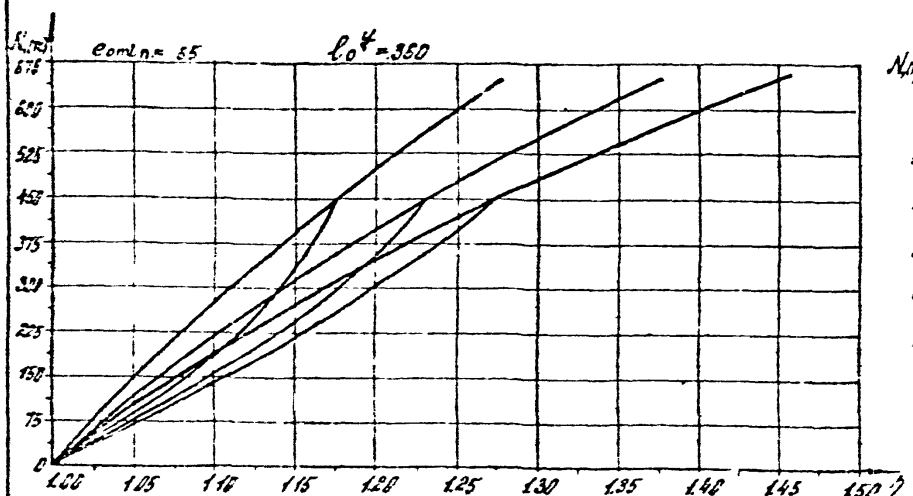


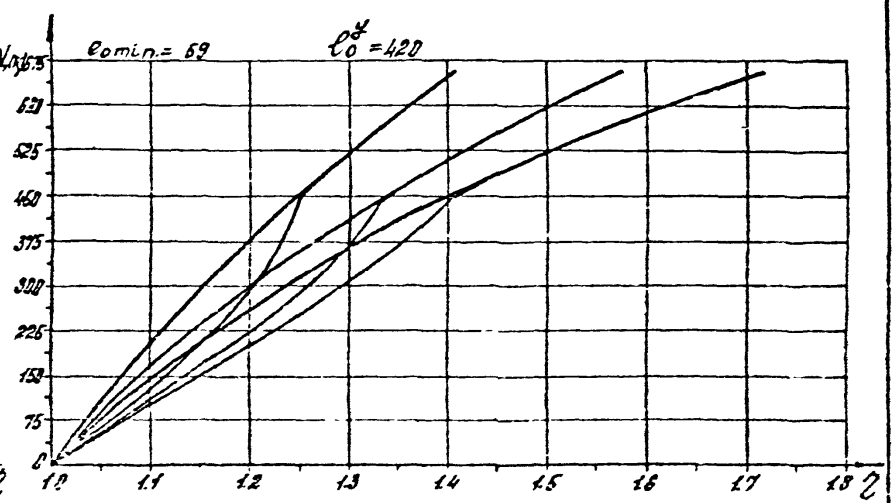
Класс бетона В40 (R_b=24.4кгс/см² при учете γ_{b2}=1.10)

Вх. 3282 9 12.5

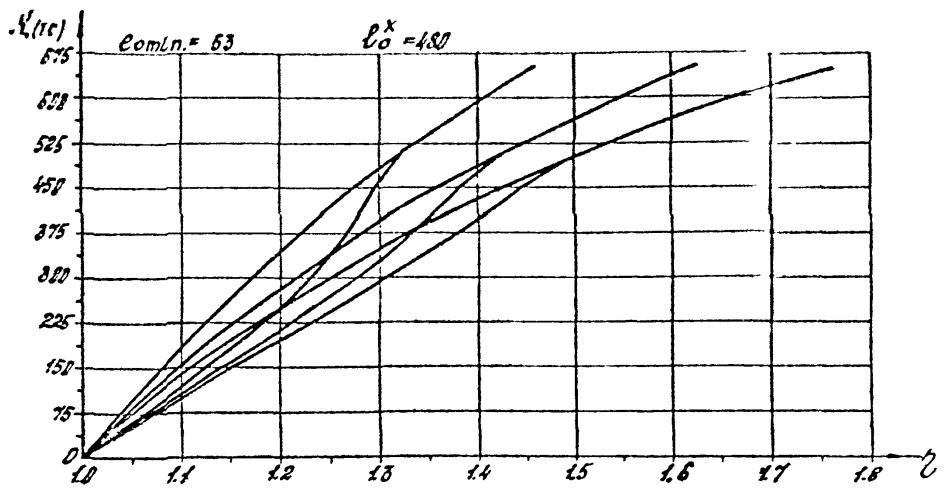


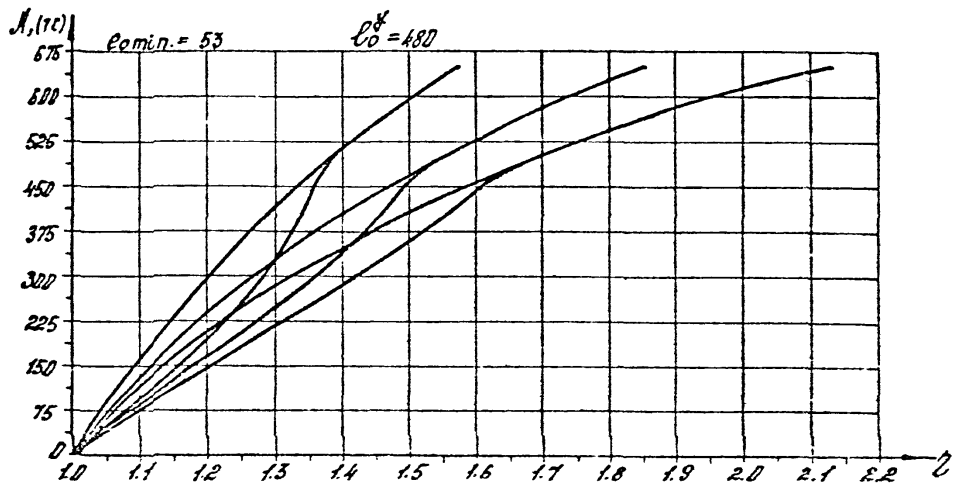






Вх. 32829 л. 126





Вх. 32829 л. 127

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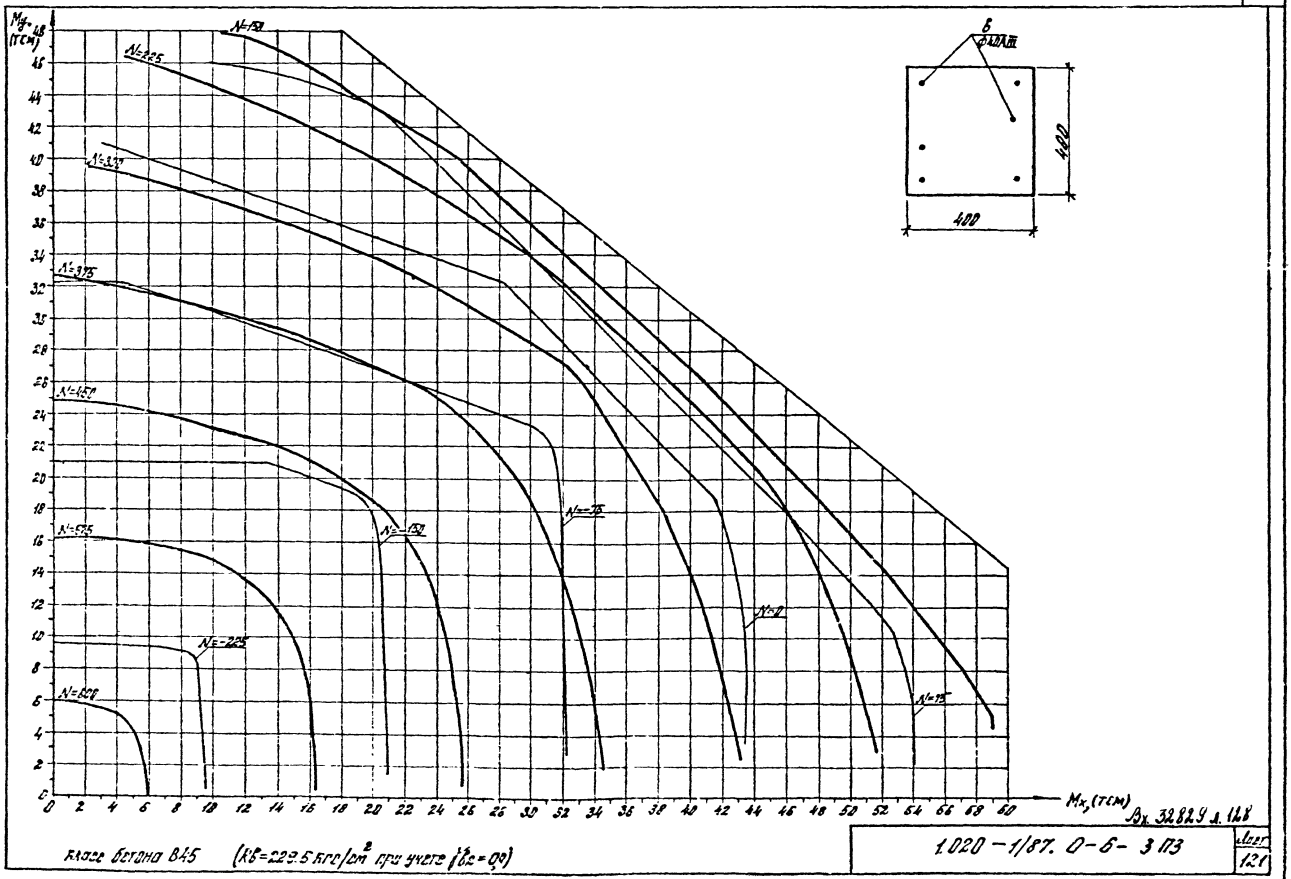
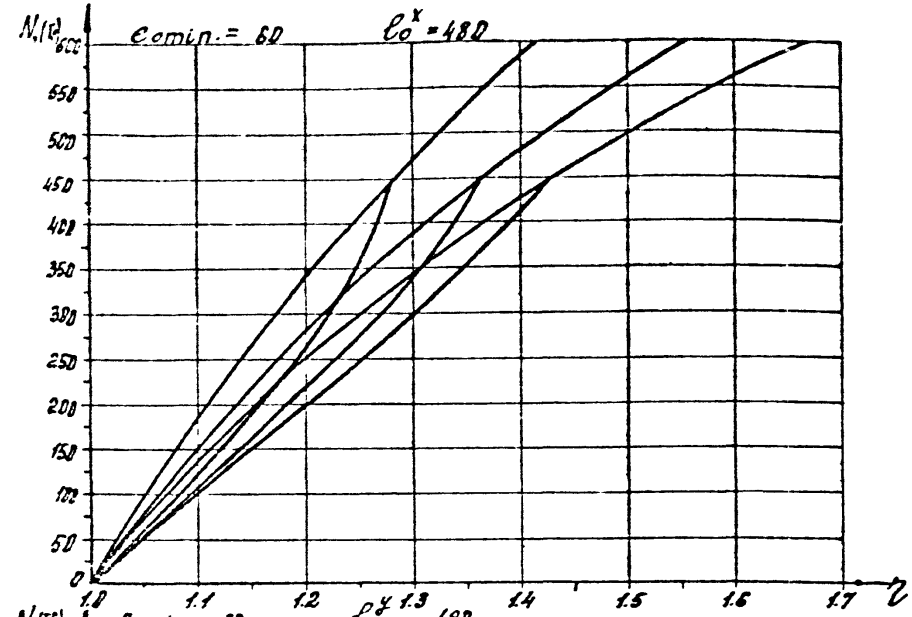
Альбом 120

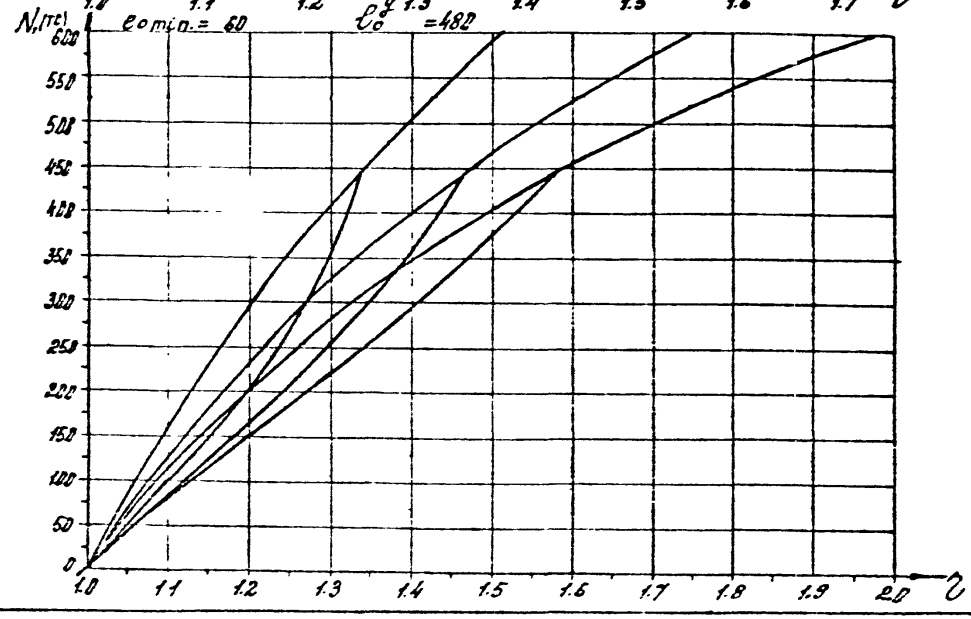


Вх. 32829 л. 128

класс бетона В45 (Кб=229.5 кгс/см² при учете γ_{b2}=0,9)

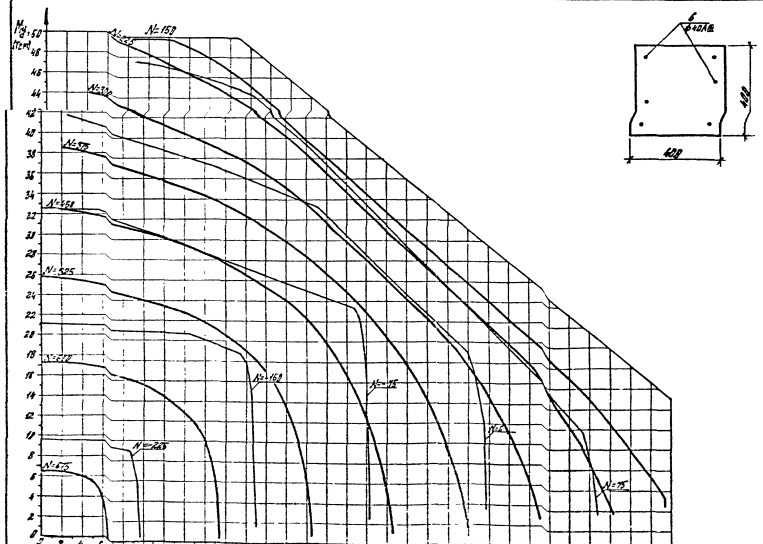
1.020 – 1/87. 0-6- 3 ПЗ





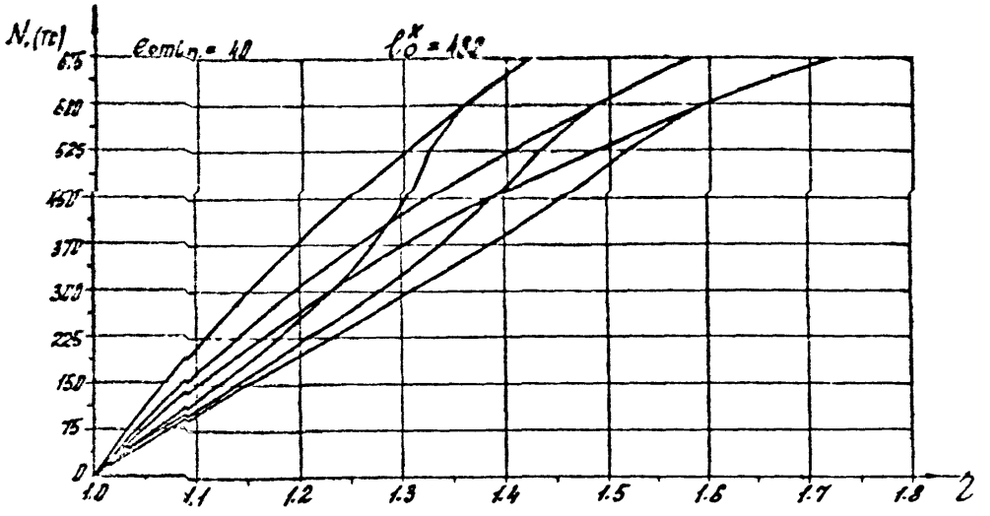
Зах. 32825 л. 129

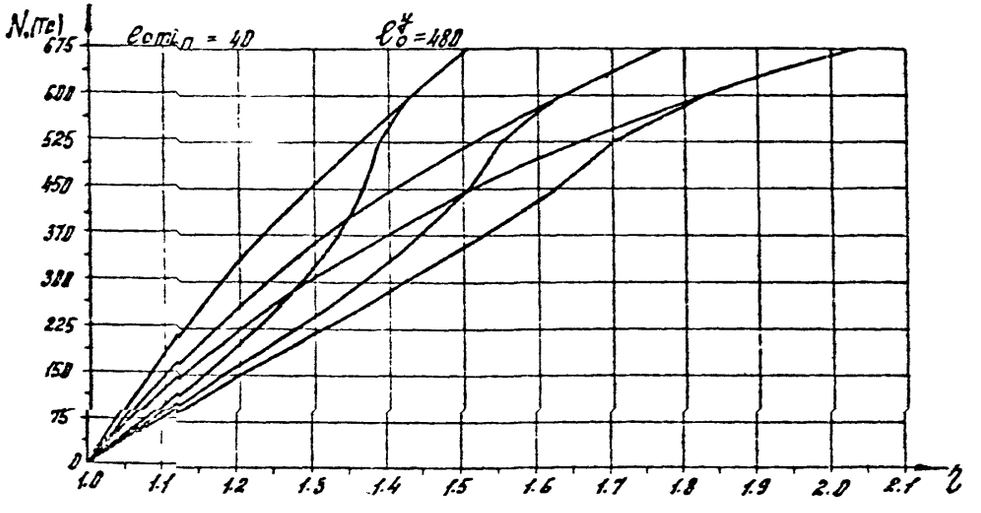
1020-1/87. 0-6-3ПЗ



Вх. 32829 л. 130

Класс бетона 845 (Rб=280.5 кгс/см² при учете γ_{Cz}=1.12)

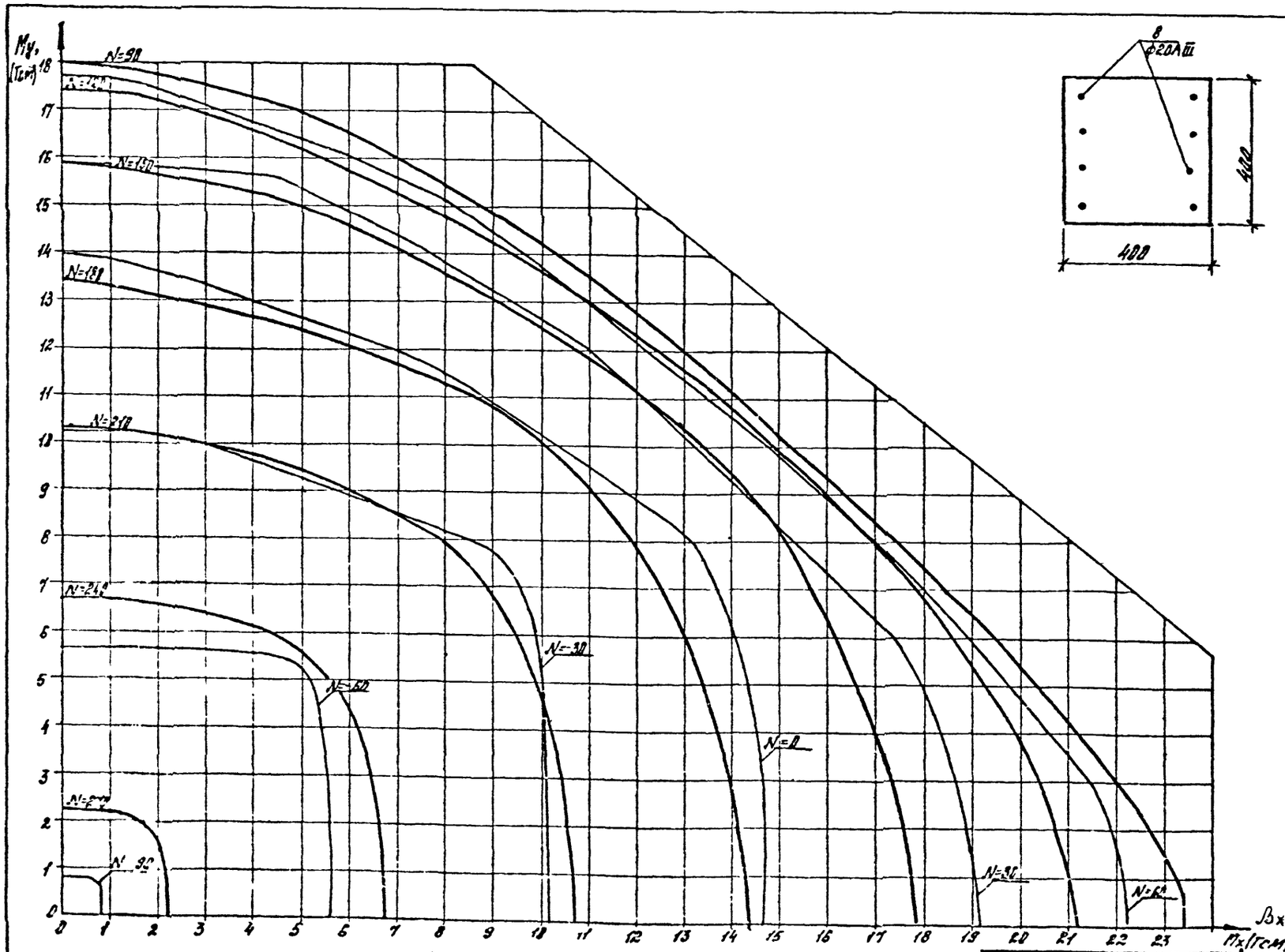




Вл. 32823 Д. 131

1.020-1/87.0-5-3 ПЗ

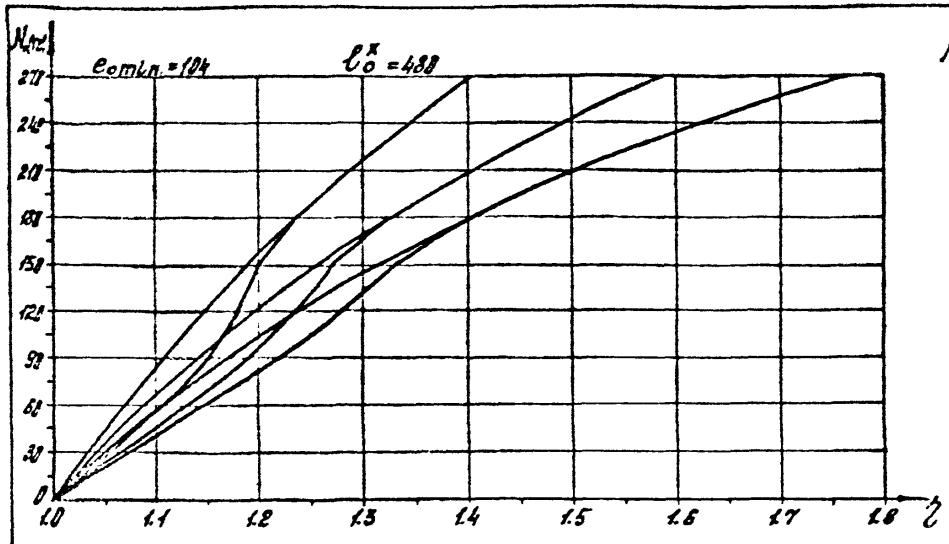
Лист 124

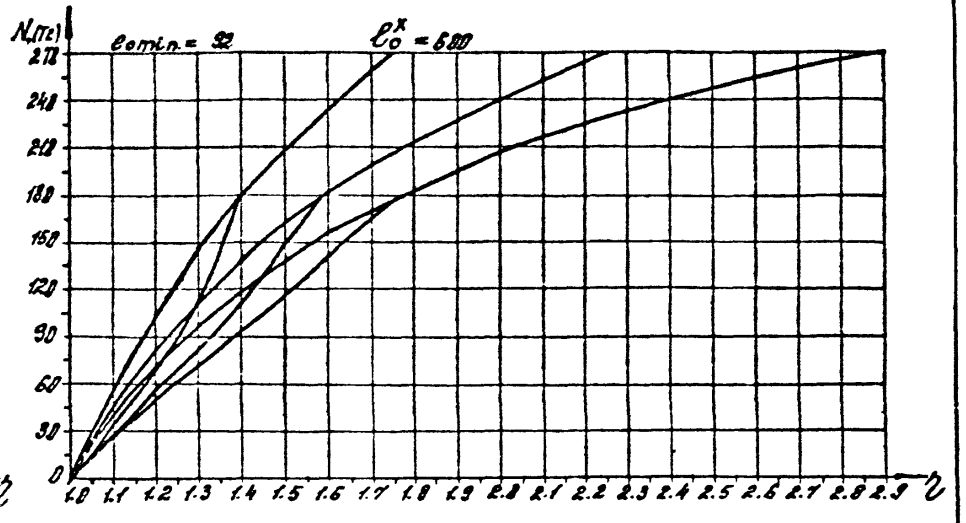


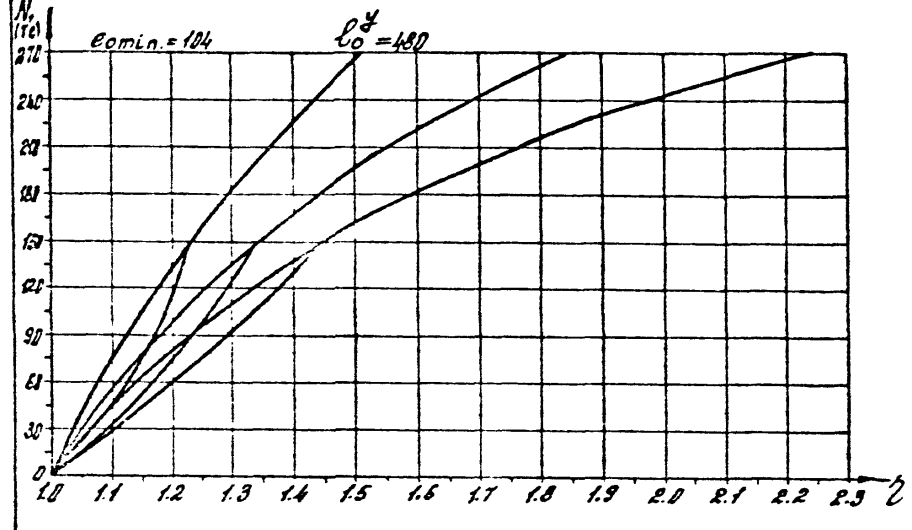
Вх 32829 л. 132

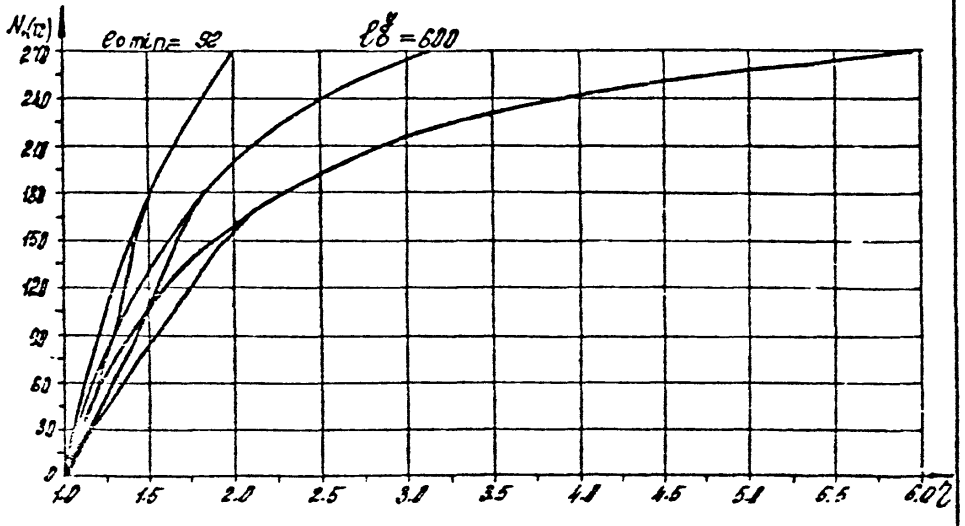
Класс бетона В22,5 (R_b = 19,2 кгс/см² при учете γ_{b2} = 0,9)

1.020-1/87. 0-6- 3 ПЗ





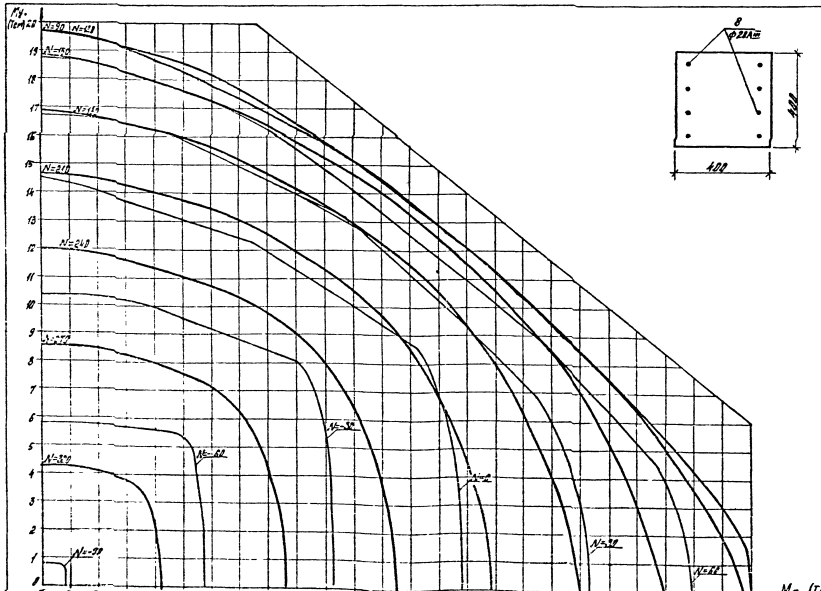




Вх. 32829 л 133

1.020-1/87. 0-6- ЗПЗ

Лист 126


Ку, (тс/см²)
N=30
N=40
N=80
N=110
N=210
N=240
N=310
N=360
N=50
N=60
N=90
N=120
N=150
N=180
N=270
N=300
N=330
N=390
N=420
N=450
N=480
N=510
N=540
N=570
N=600
N=630
N=660
N=690
N=720
N=750
N=780
N=810
N=840
N=870
N=900
N=930
N=960
N=990
N=1020
N=1050
N=1080
N=1110
N=1140
N=1170
N=1200
N=1230
N=1260
N=1290
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N=1380
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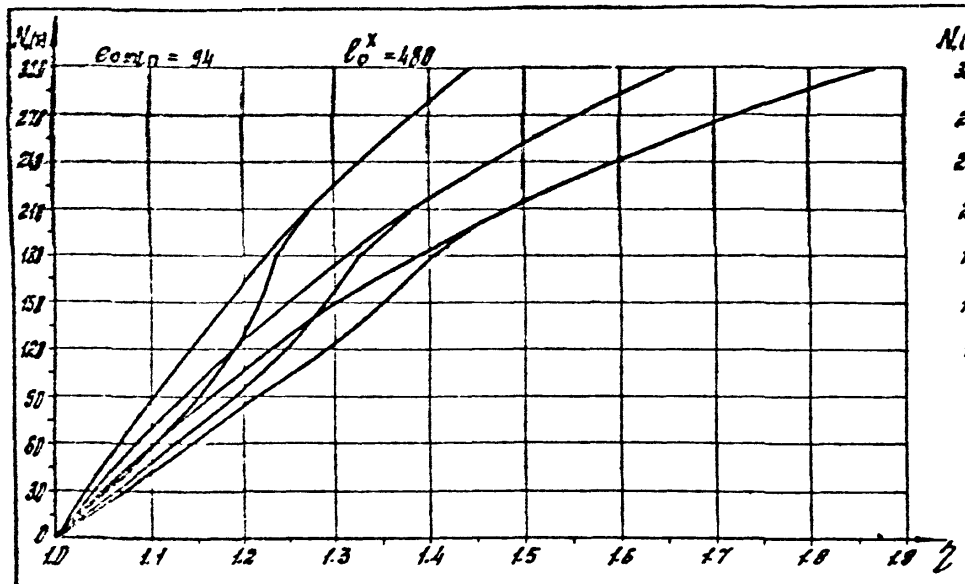
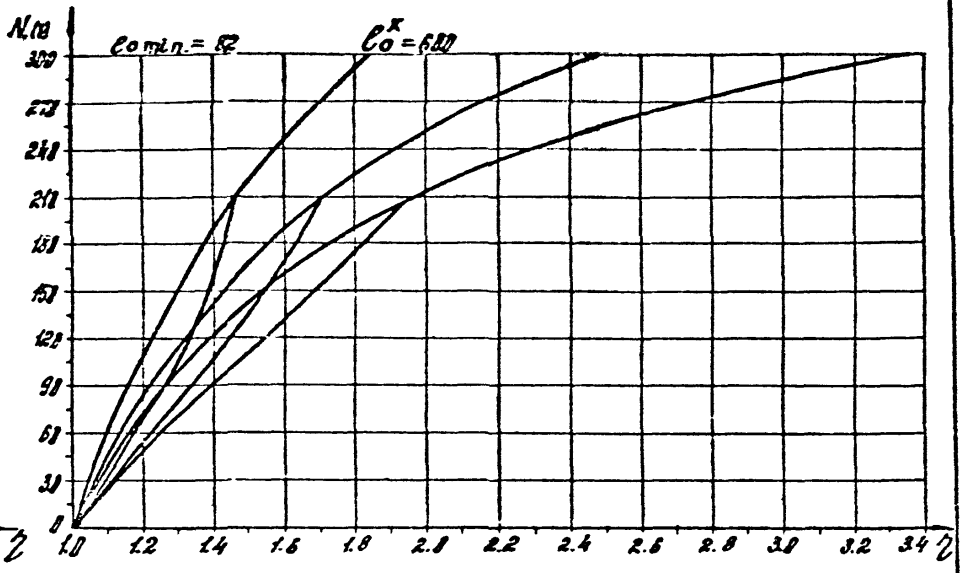
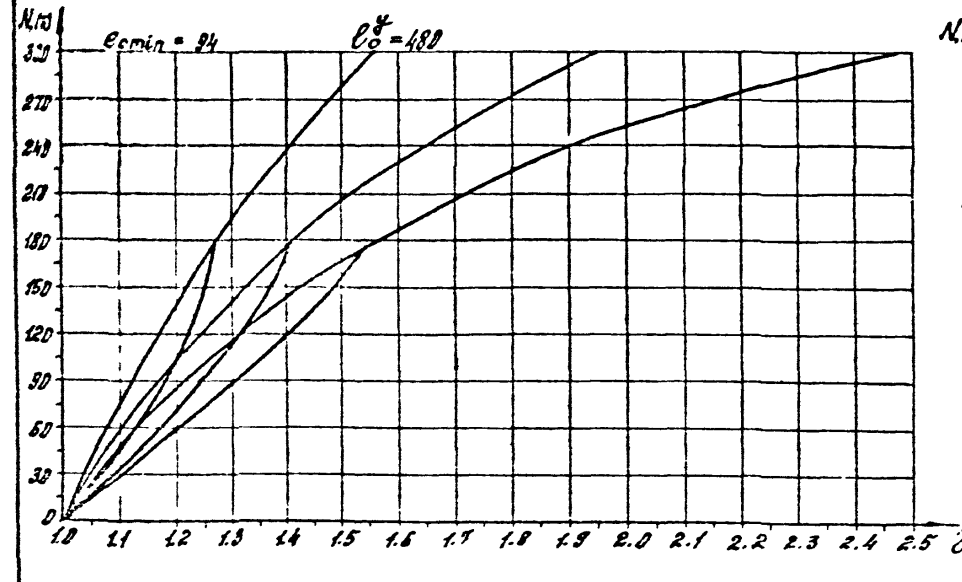
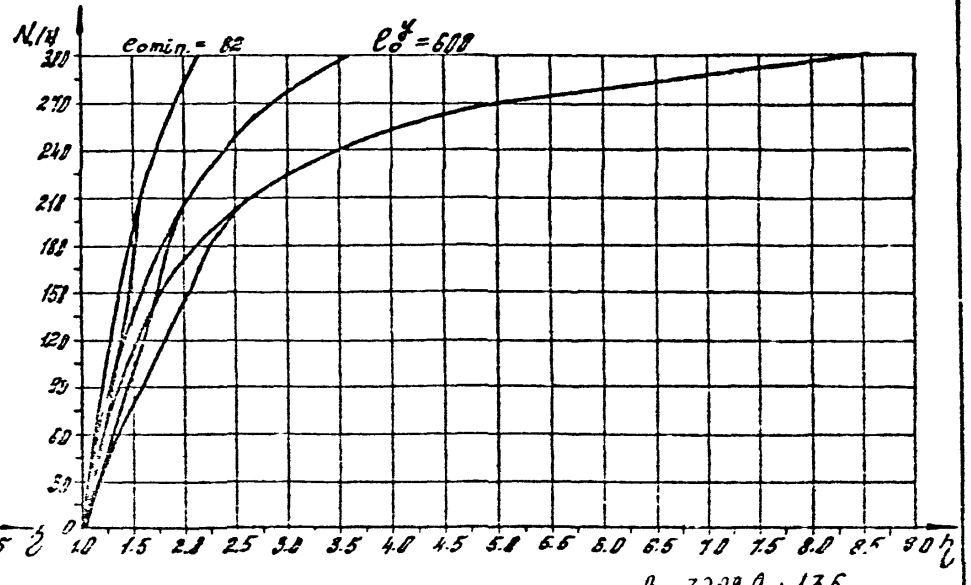
N=1470
N=1500
N=1530
N=1560

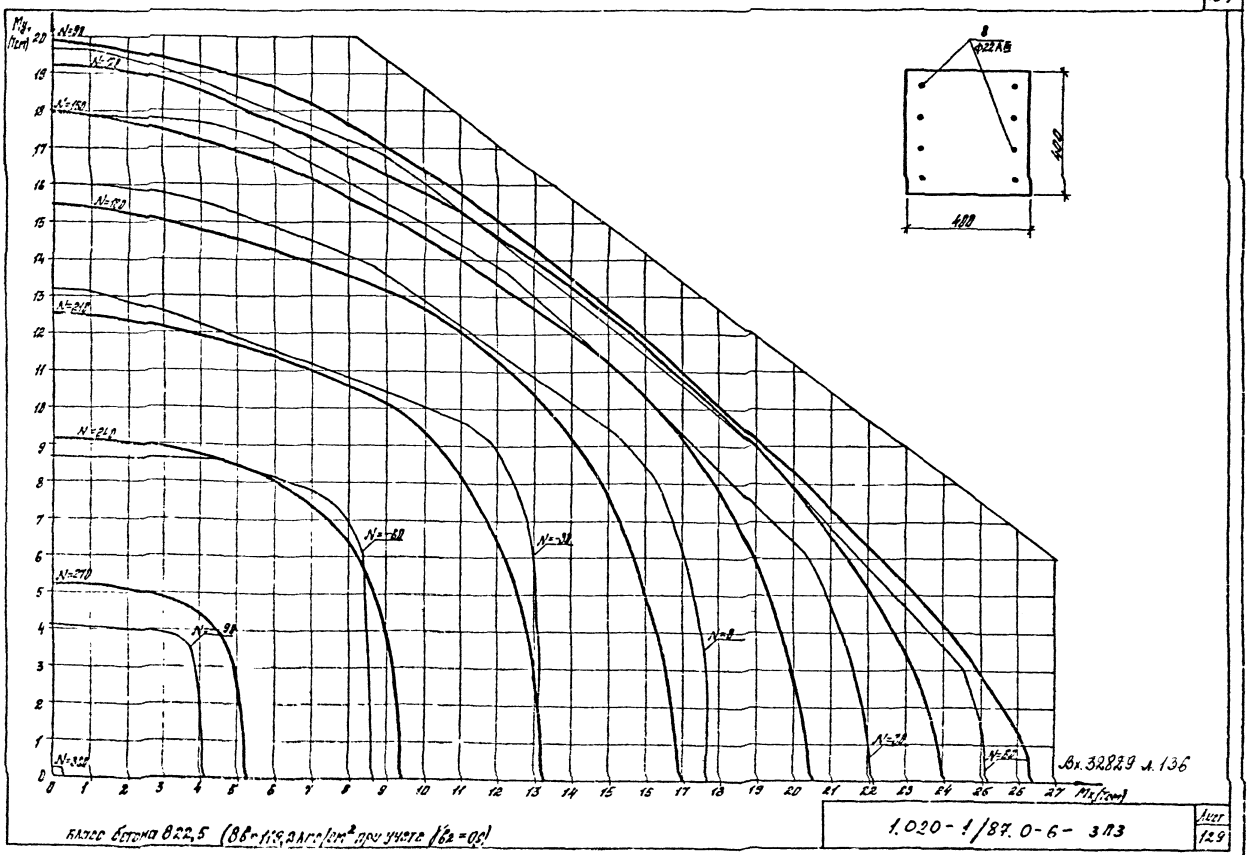








Вх. 32829 л 135

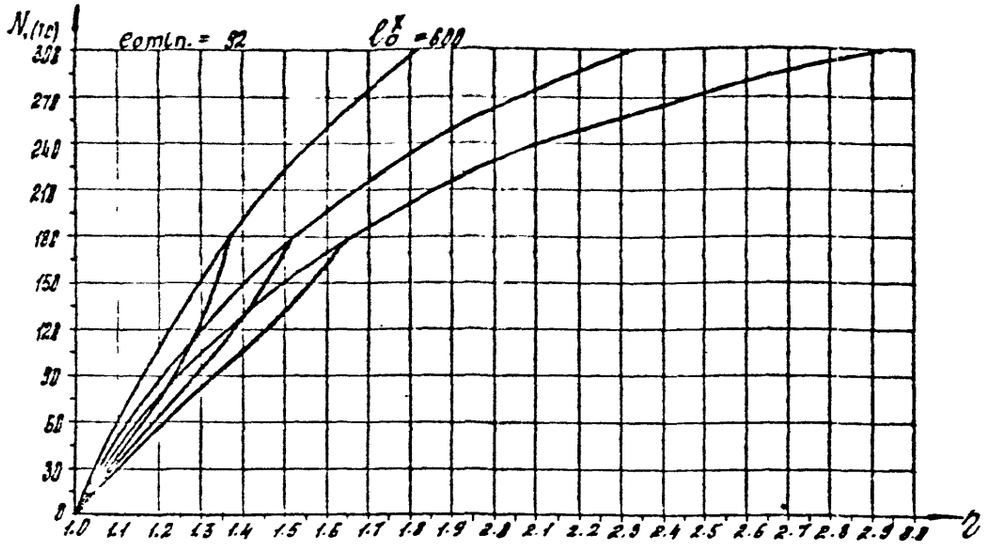


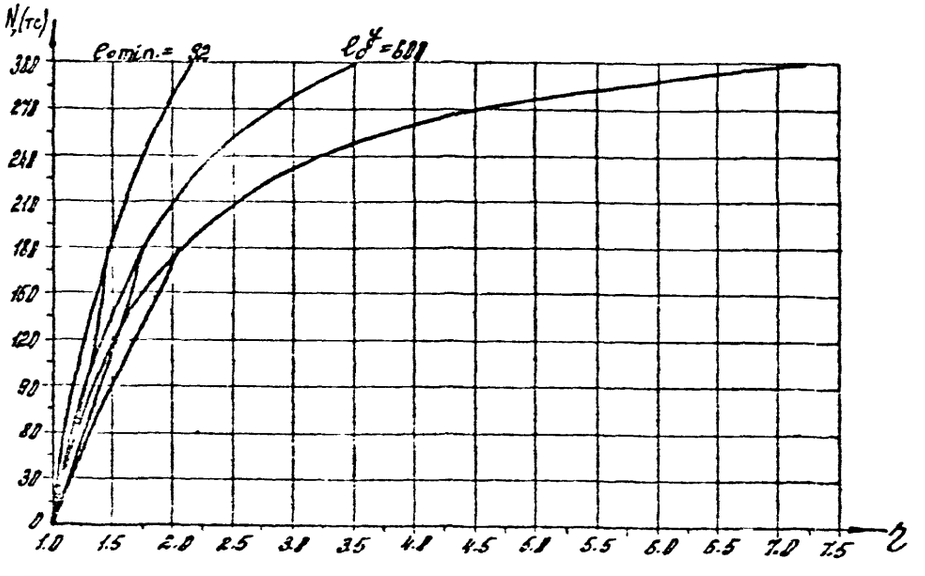
Вх. 32829 л. 136

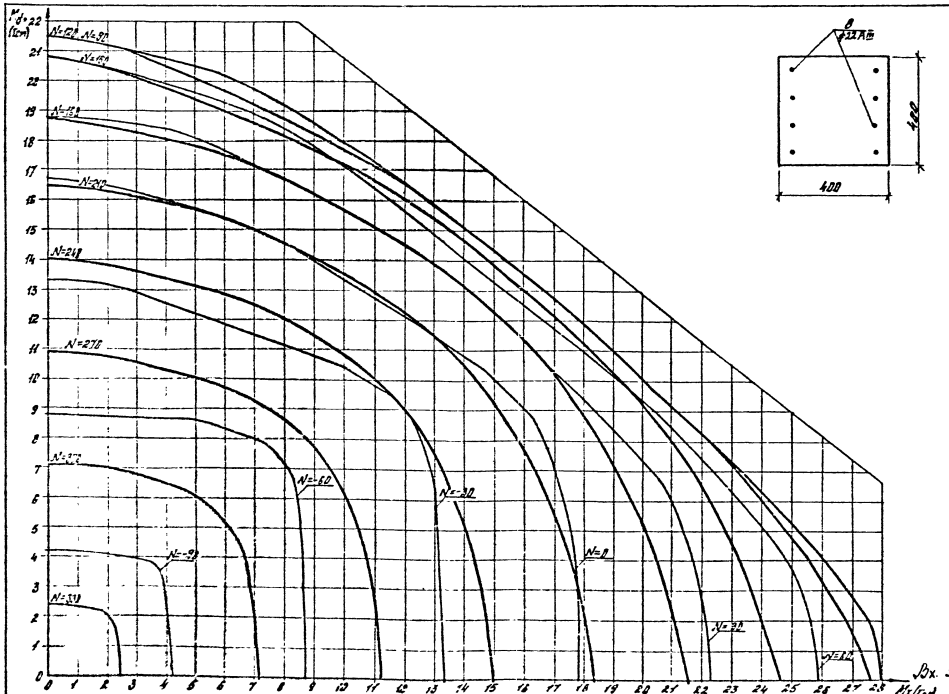
Класс бетона В22,5 (Rв=115 кгс/см² при учете γв2=0,9)

1.020-1/87.0-6-ЗП3

Альт 129


N,(тс)
eomin. = 92
l_0^x = 600
r


N,(тс)
eomin. = 92
l_0^y = 600
r

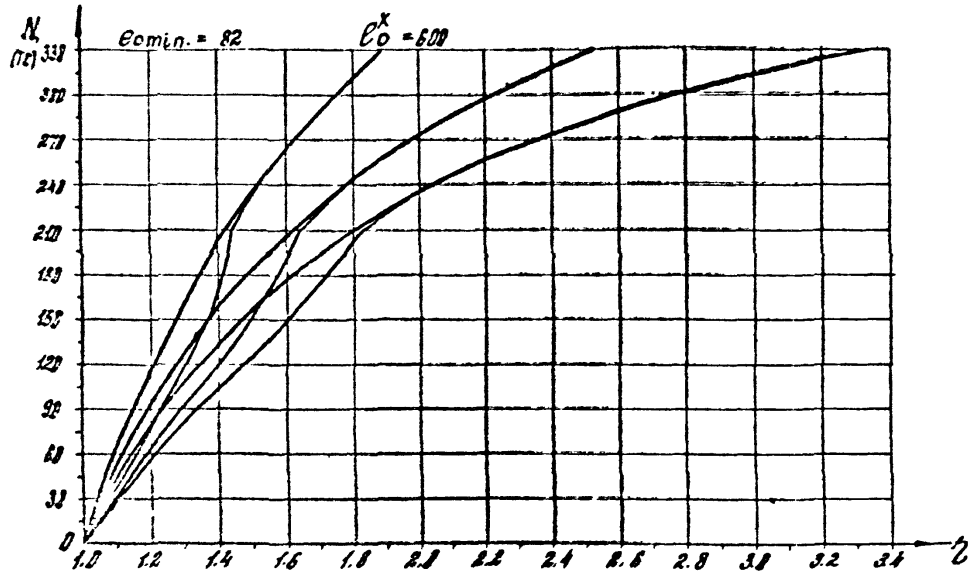


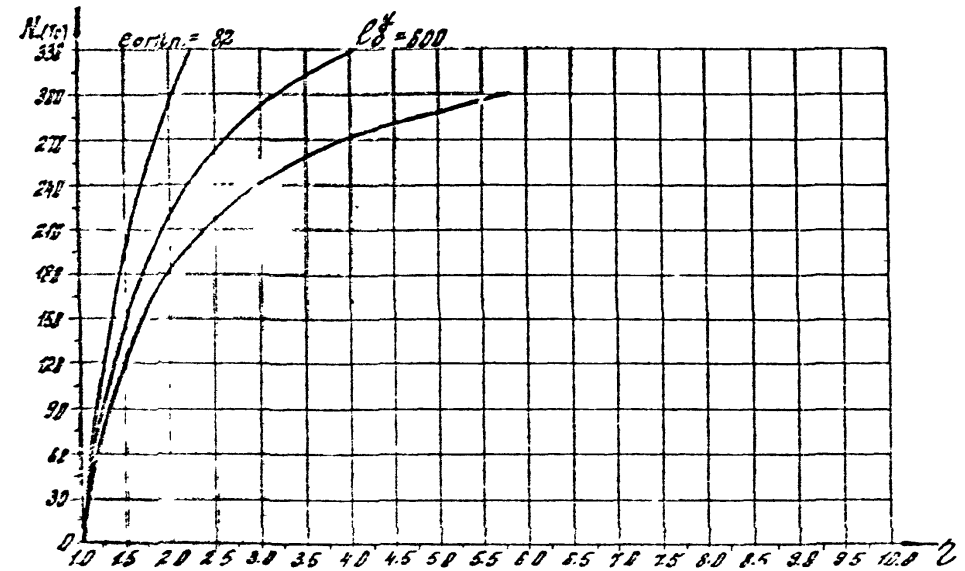
Вх. 32829 л. 16

класс бетона В22,5 (Rв=145,7 кгс/см² при учете γ_{b2}=1.10)

1.020-1/87.0-6- 3П3

Лист 131

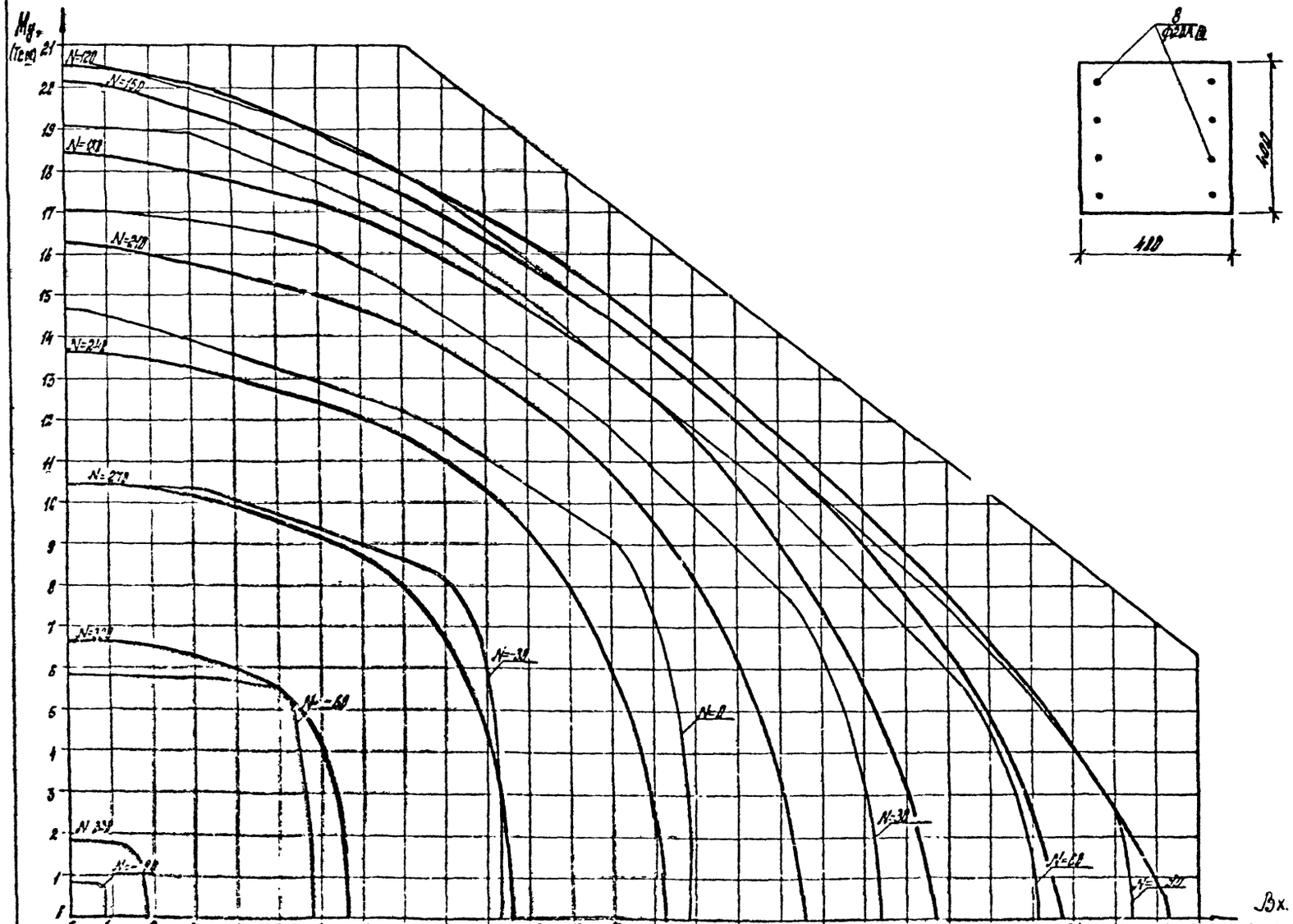




Вх. 32829 л. 139

1.020-1/87. 0-6- 303

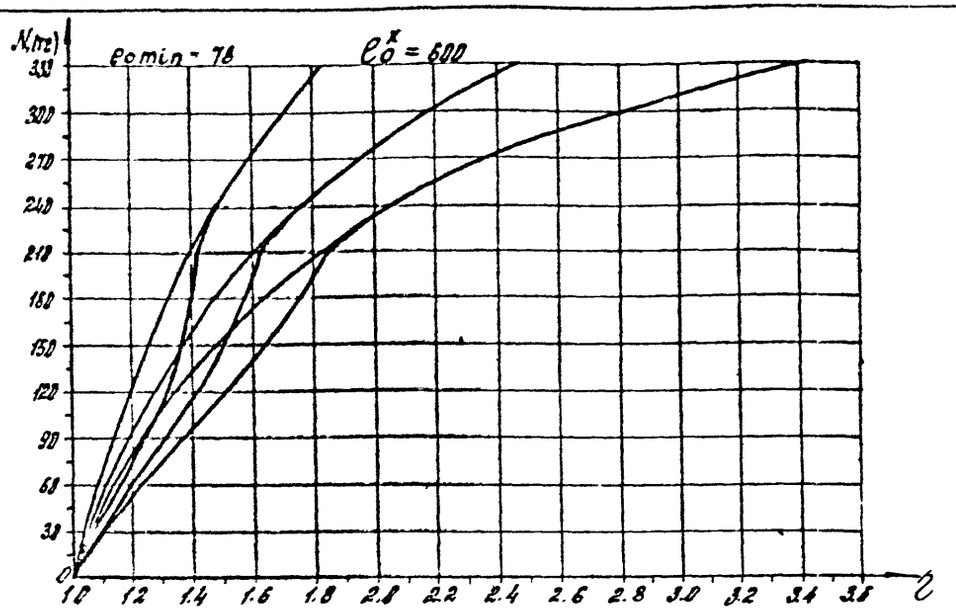
Лист 132

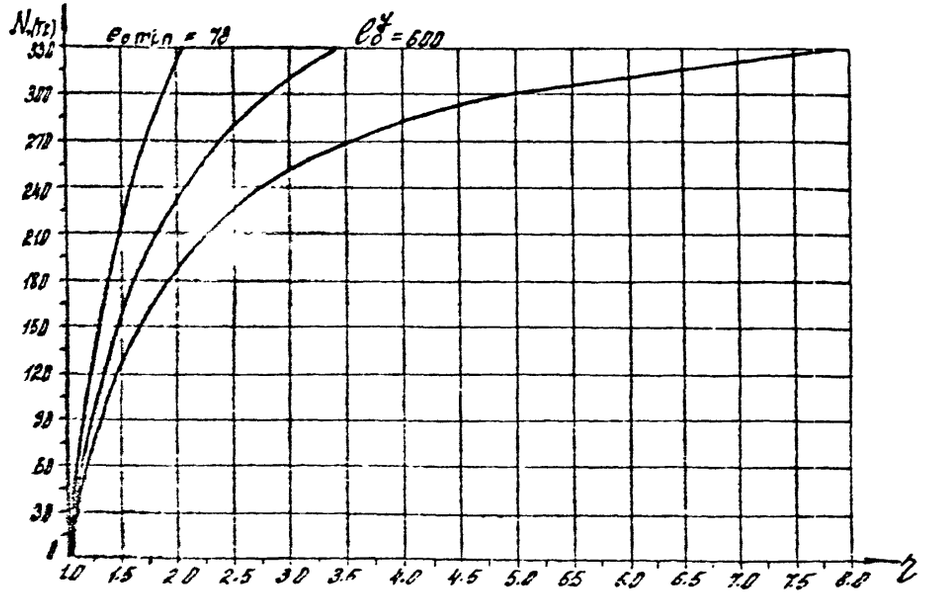


Вх. 32829 л. 140

класс бетона В30 (Rб=155.7кгс/см при учете γ_{b2}=0,9)

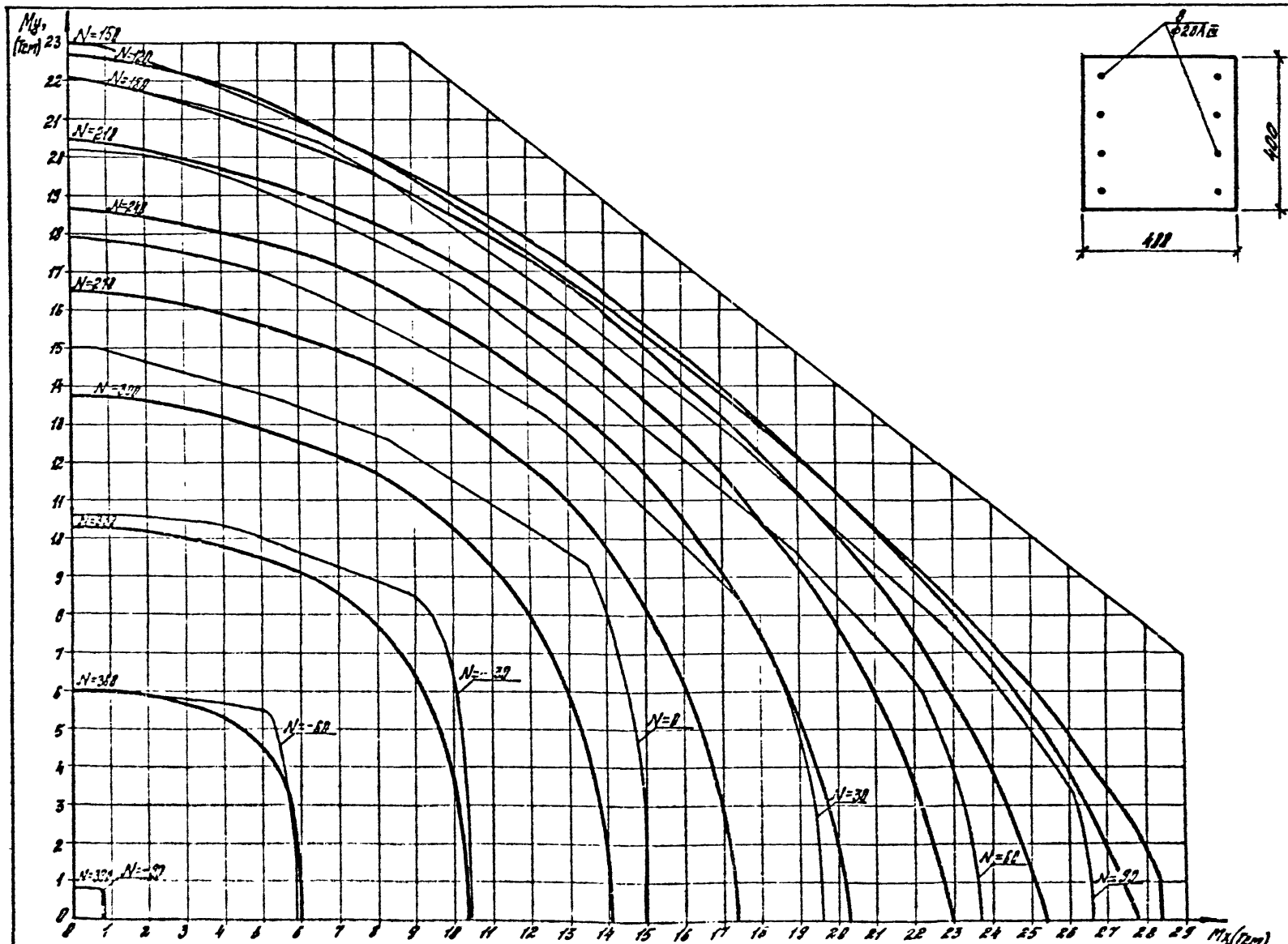
1.020-1/87.0-6- 3П3





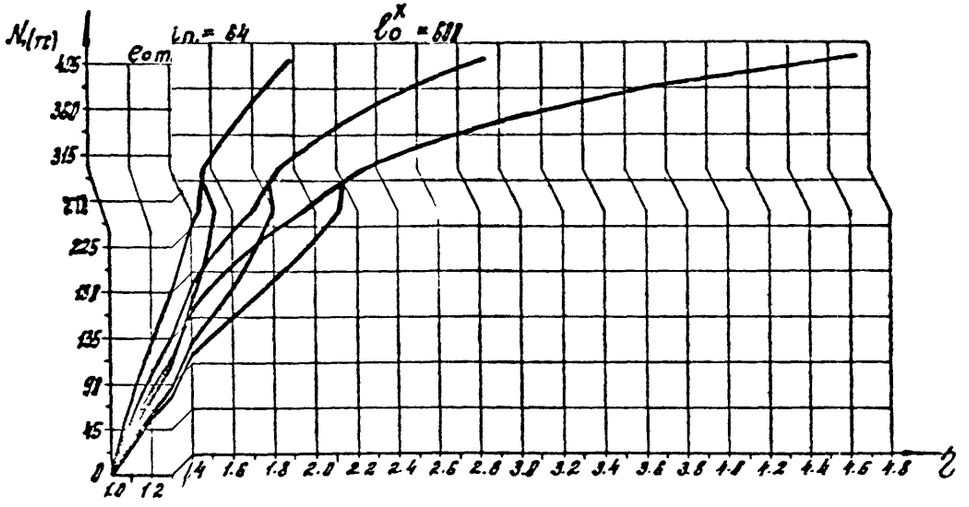
Вх. 3282 ∫ л. 141

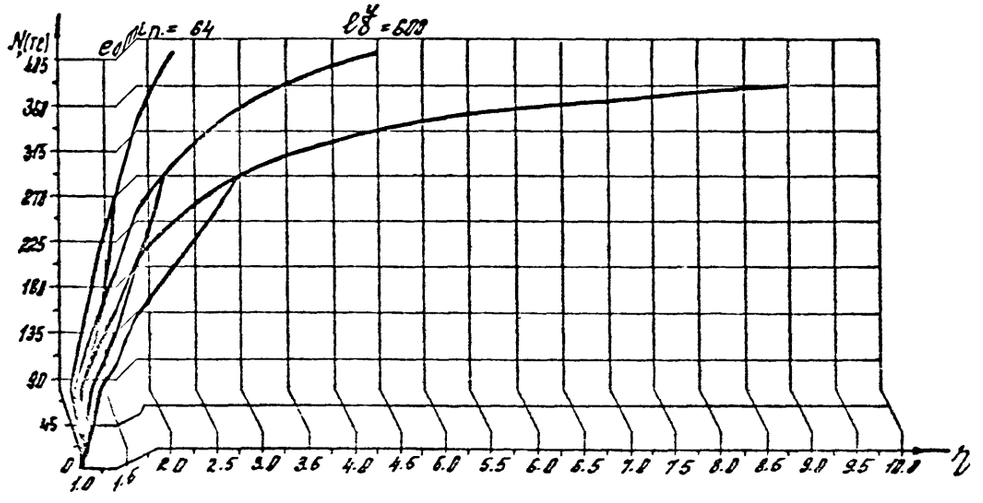
1.020-1/87. 0-6- 3П3



класса бетона В30 (R_B = 190.3 кгс/см² при учете γ_B = 1.10)

Вх. 32829 л. 142

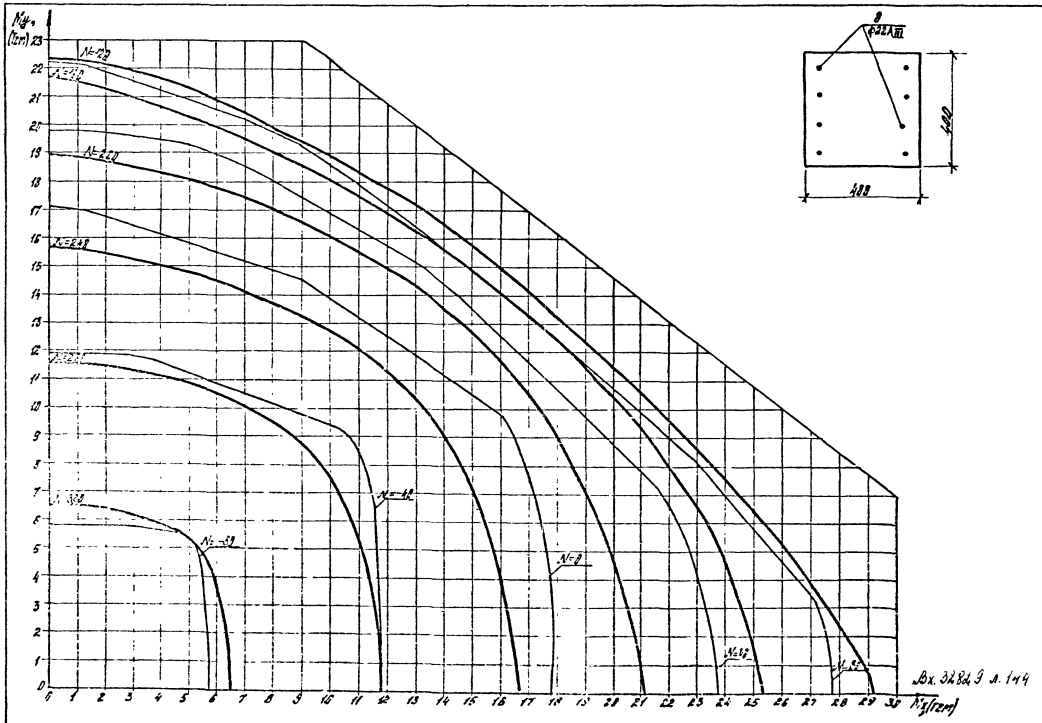




Вх. 32829 л. 143

1.020-1/87. 0-6 - 3 ПЗ

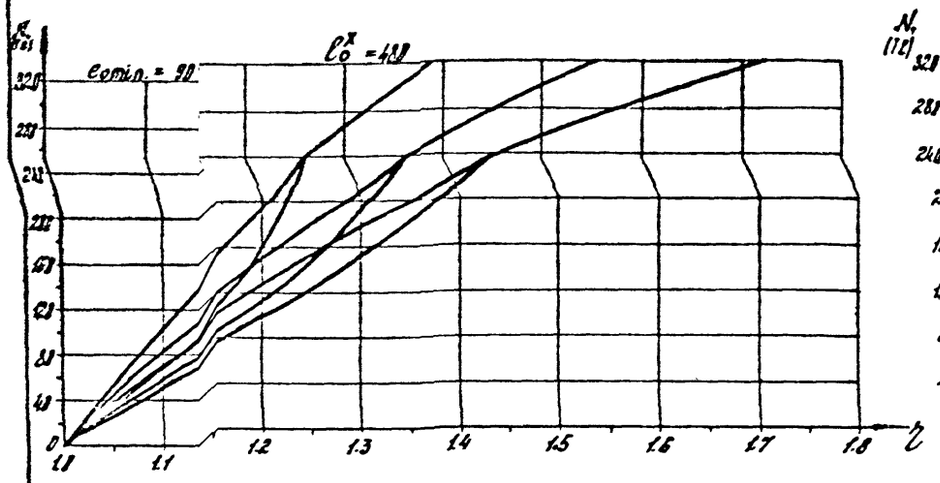
Лист 136

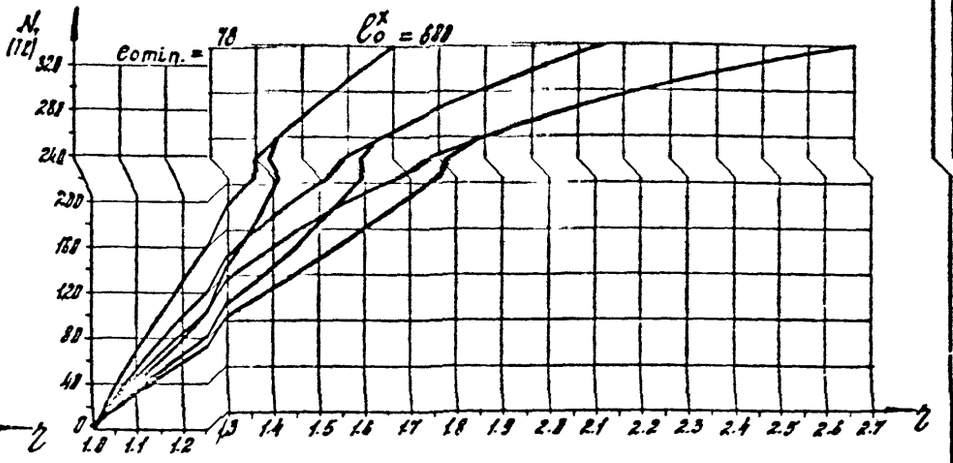


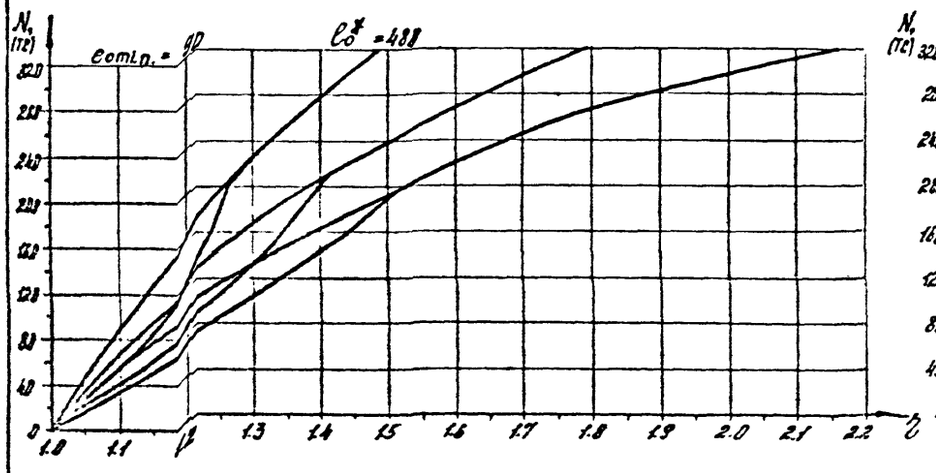
Вх. 3282 9 л. 144

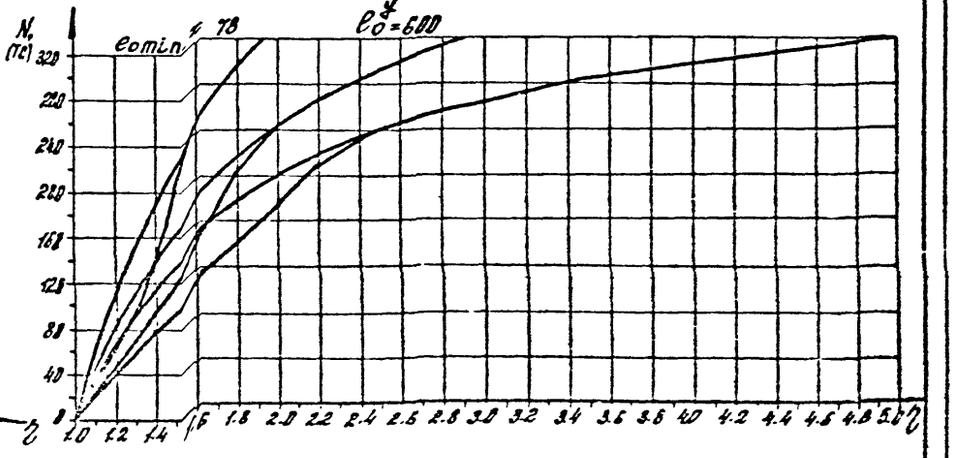
Класс бетона В30 ($R_б$=155,7 кгс/см² при учете $\gamma_{в2}$=0,9)

1.020.-1/87. 0-6-3 ПЗ

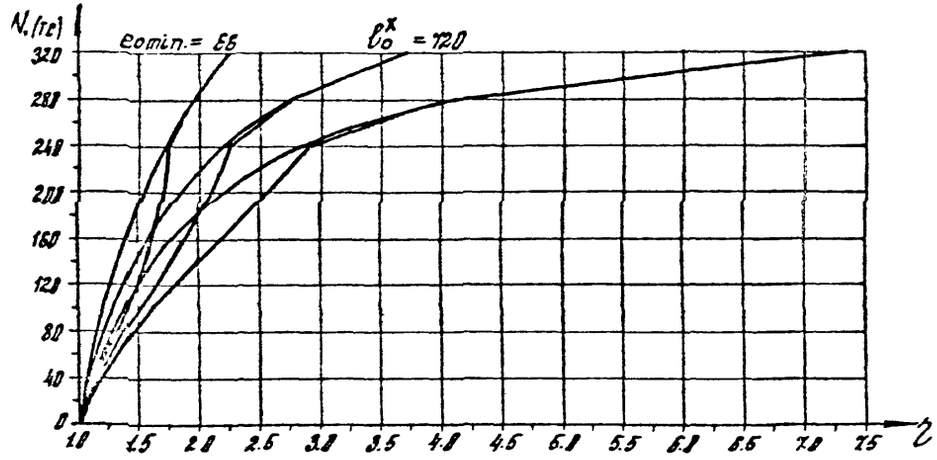


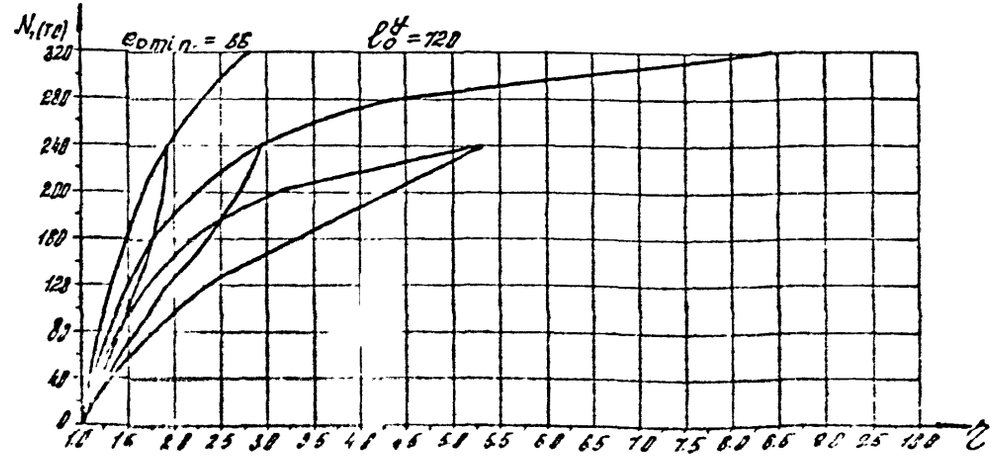




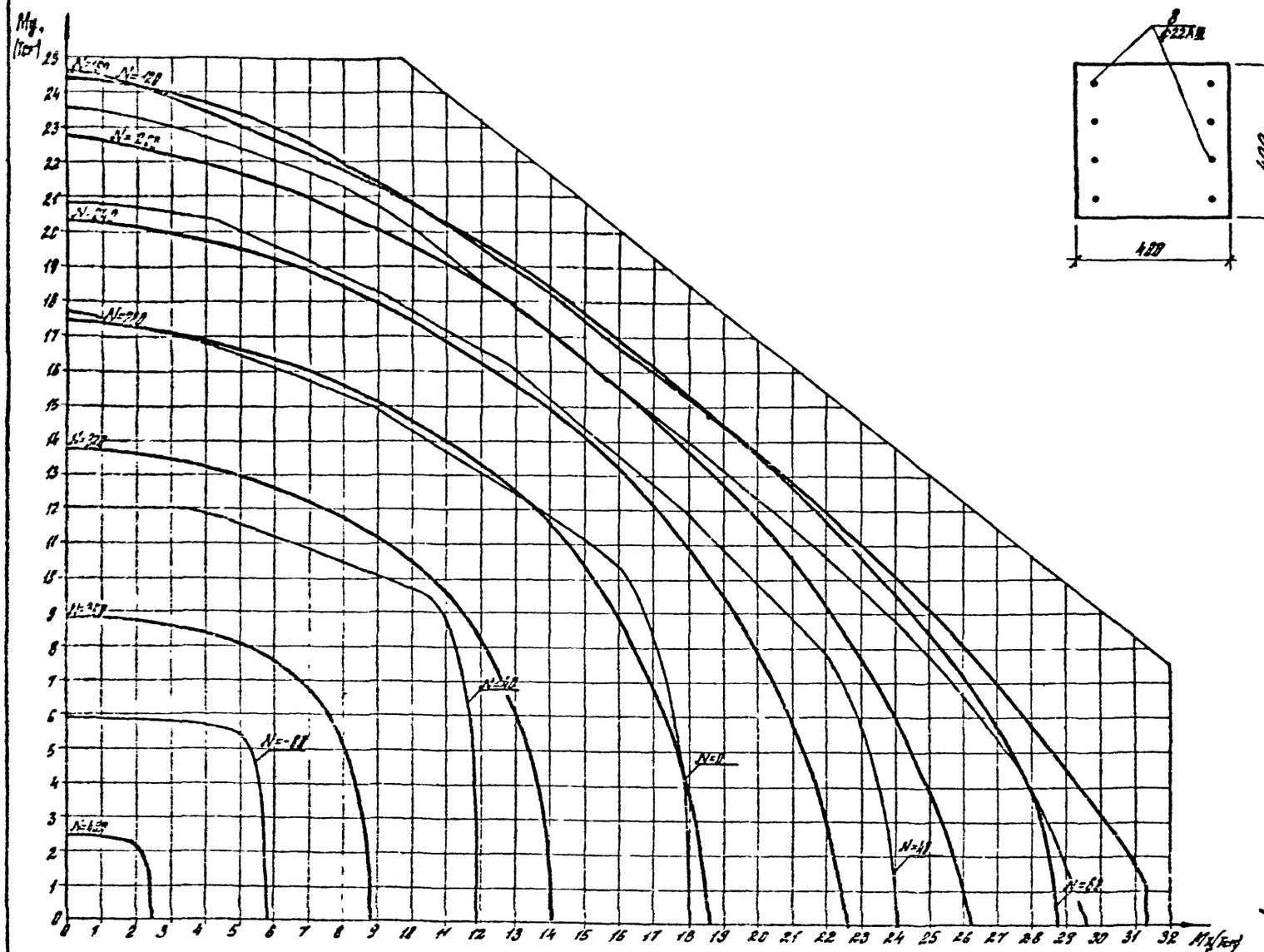


Вх. 32829 л. 145



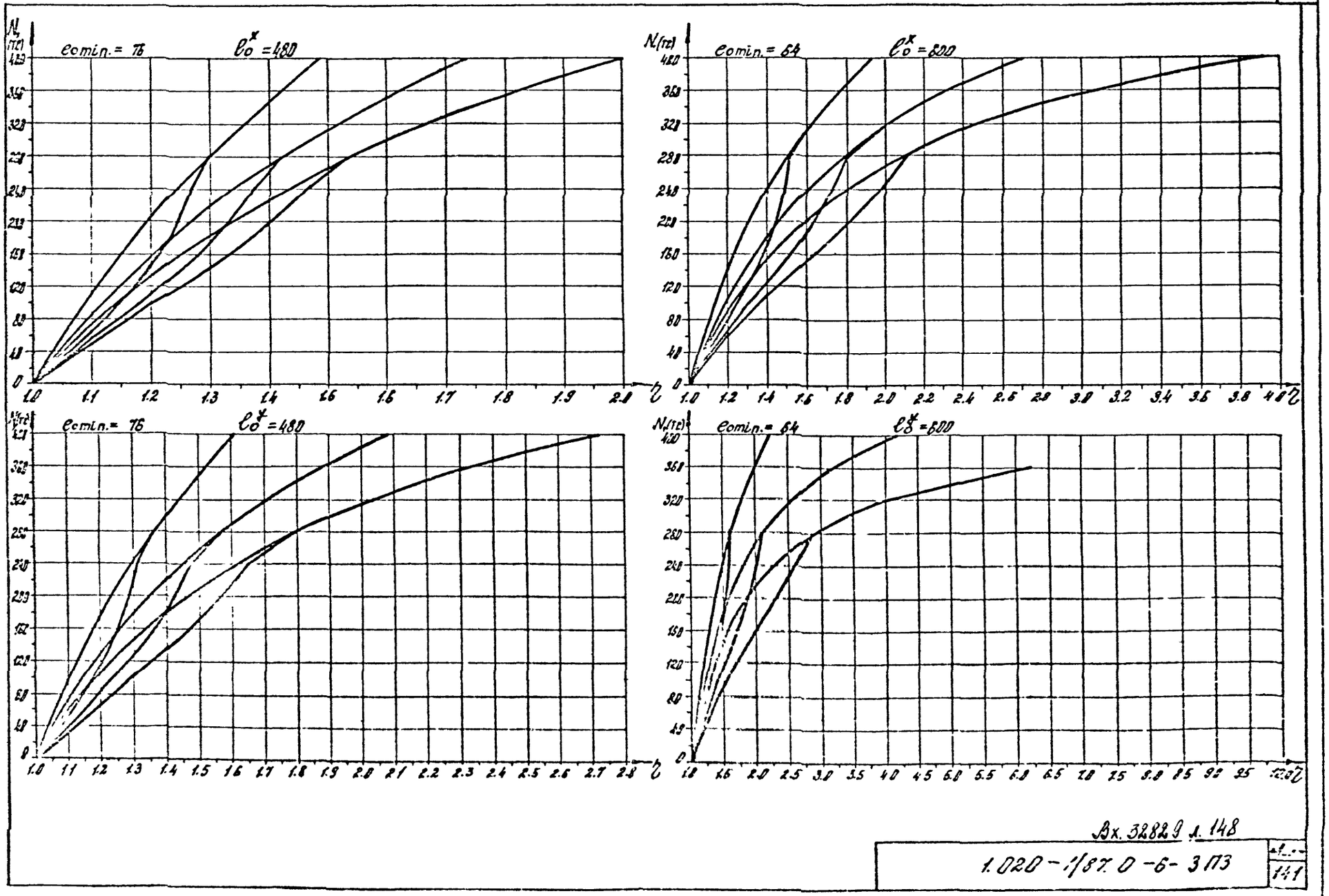


Вх. 32829 л. 146



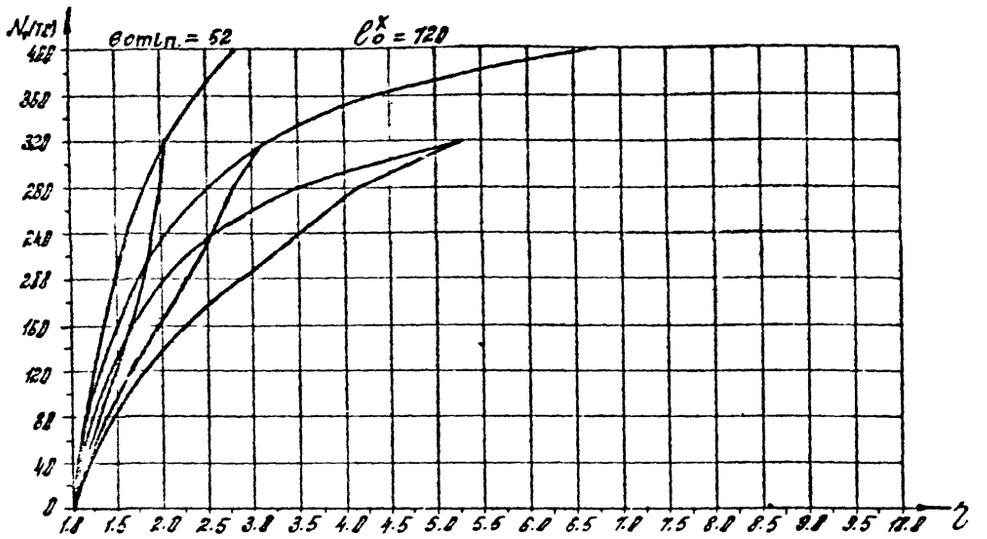
Вх. 32823 л. 141

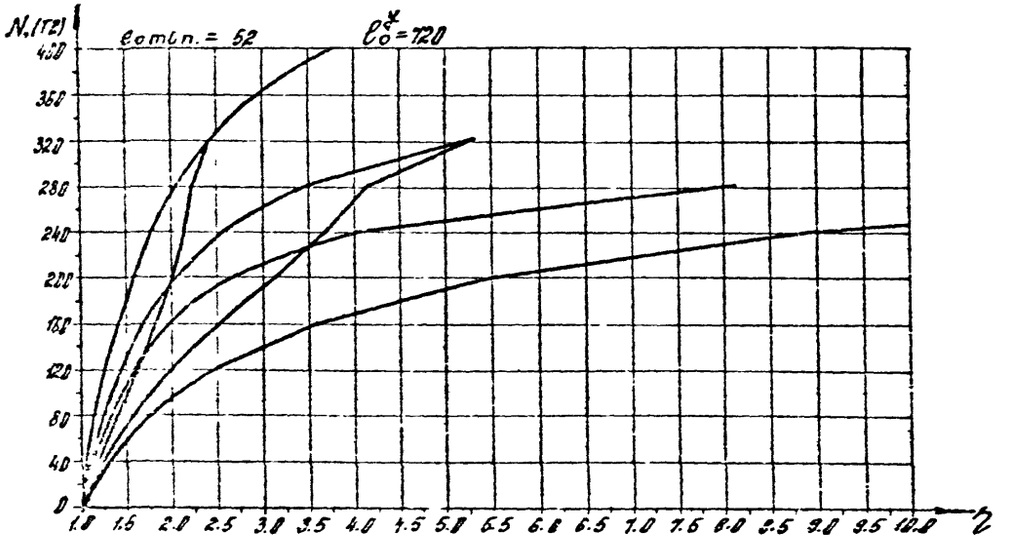
Класс бетона В30 (Rв = 130.3 кгс/см² при учете γв2 = 1.10)



Вх. 32829 л. 148

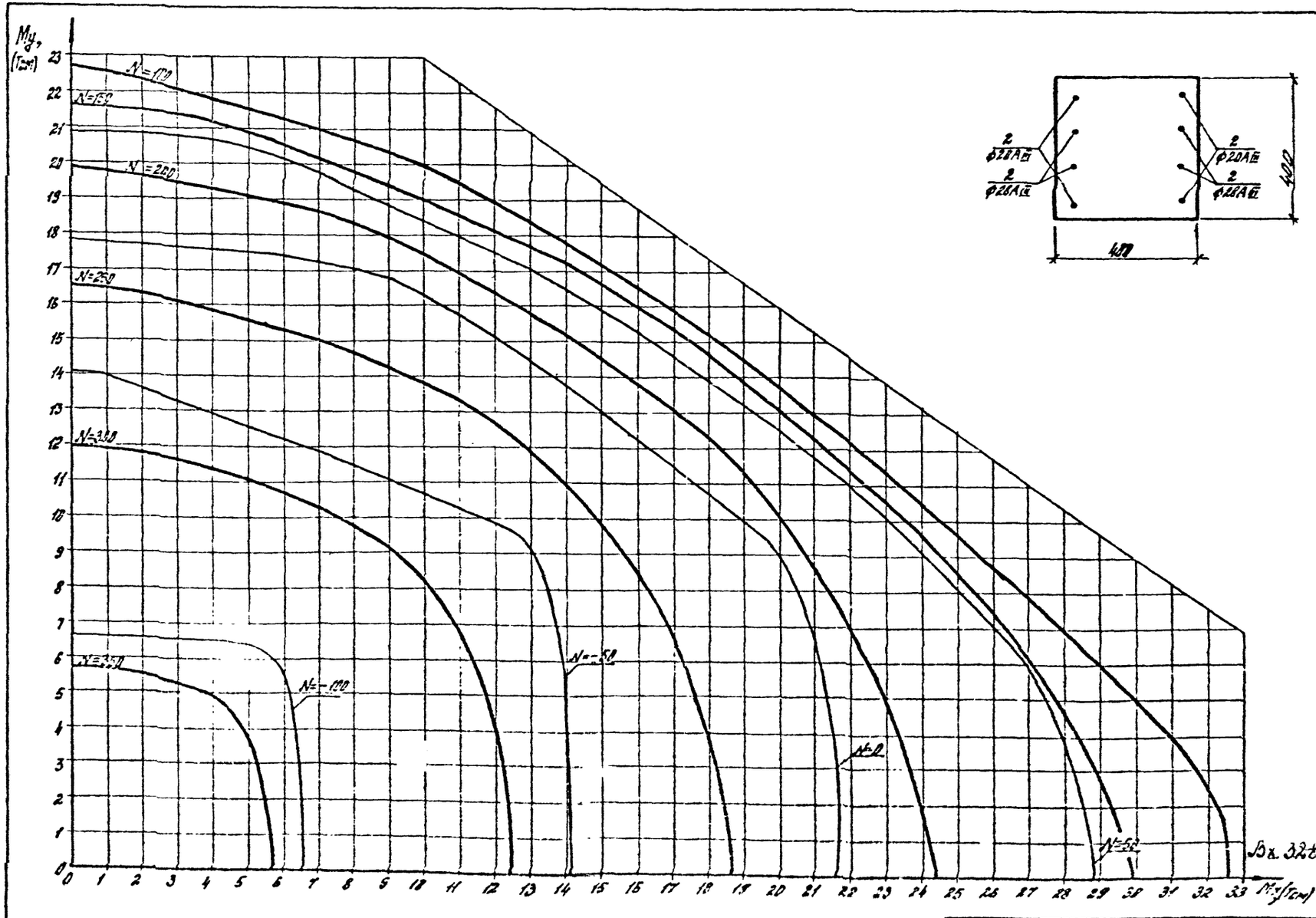
1.020-1/87.0-6-ЗПЗ





Вх. 3248 Л. 143

1.020-1/87. 0-6- 3П3

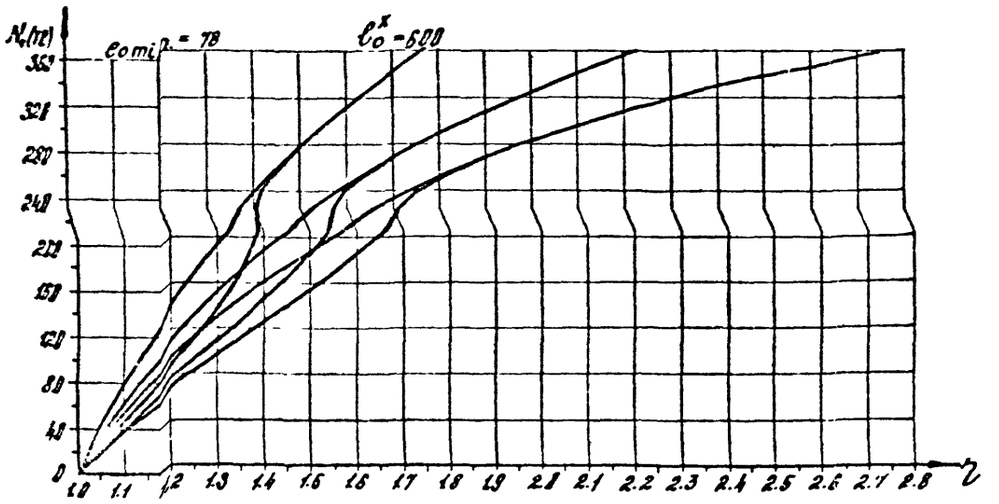


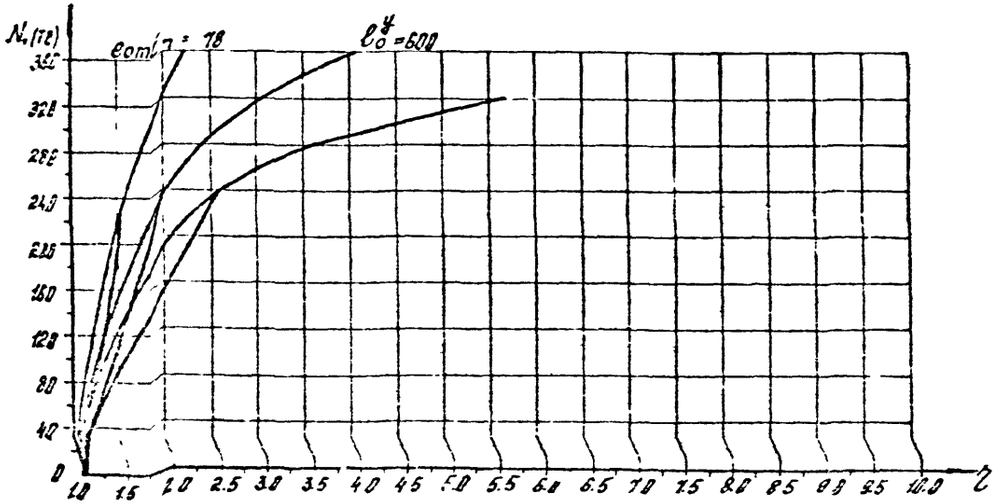
Бх. 32 ... л. 15

класс бетона В30 ($R_б$=155,7кгс/см² при учете $\gamma_{б2}$=0,9)

1.020-1/87.0-6-3ПЗ

Лист 143

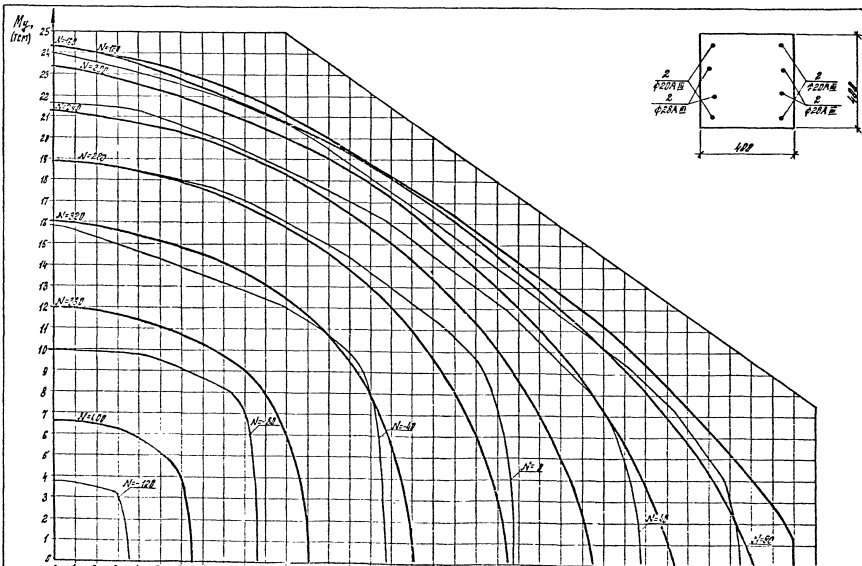




Вх. 32829 л. 151

1.020-1/87. 0-6- 3 ПЗ

Лист 144


My, (tcm)
N=170
N=270
N=370
N=470
N=570
N=670
N=770
N=870
N=970
N=1070
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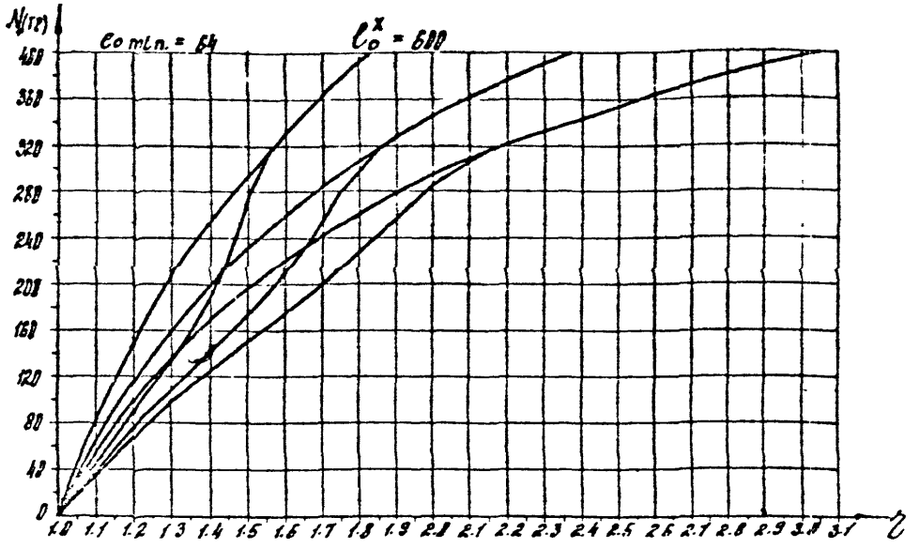
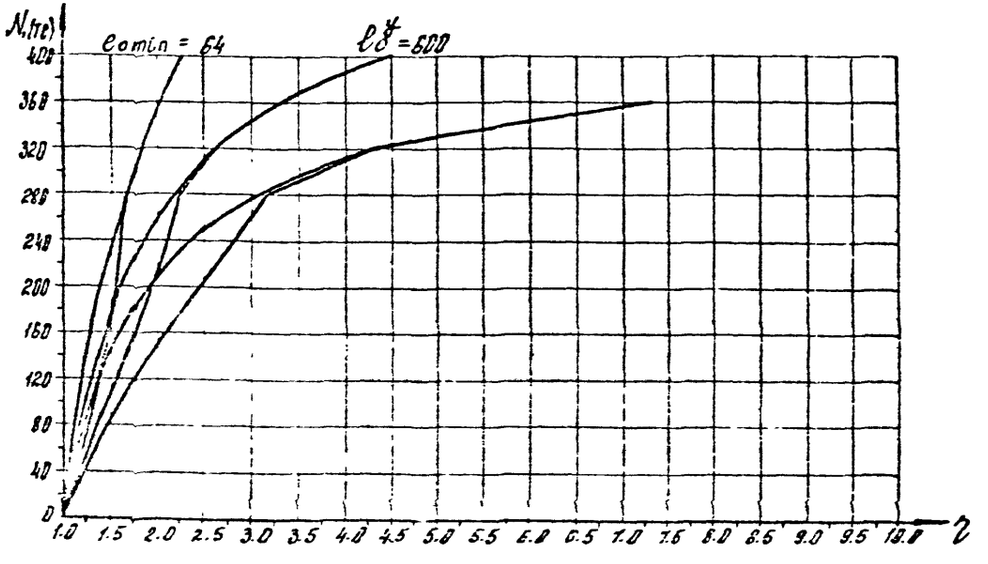
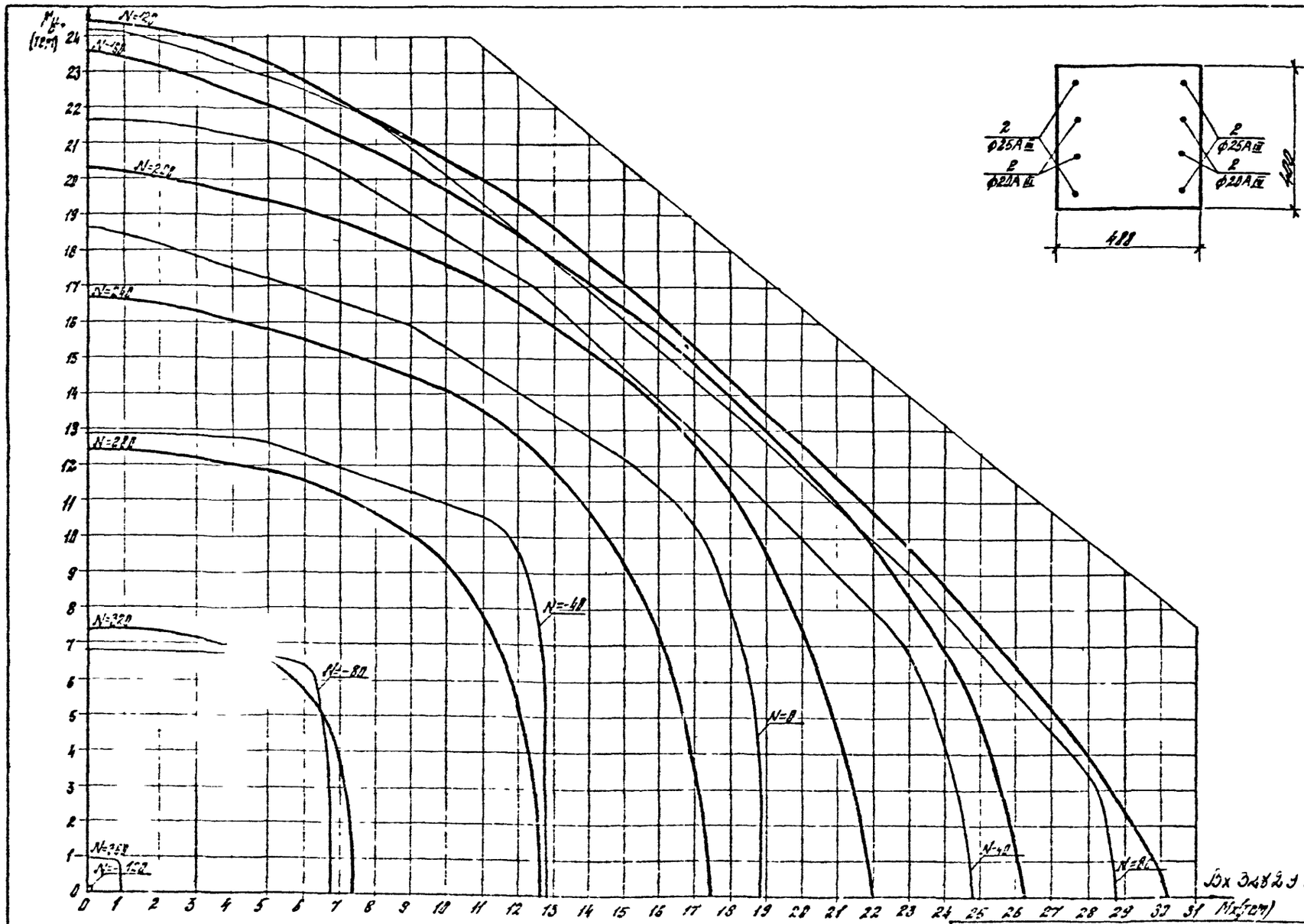




Вх. 32829 л. 153

1.020-1/87.0-6- 3 173

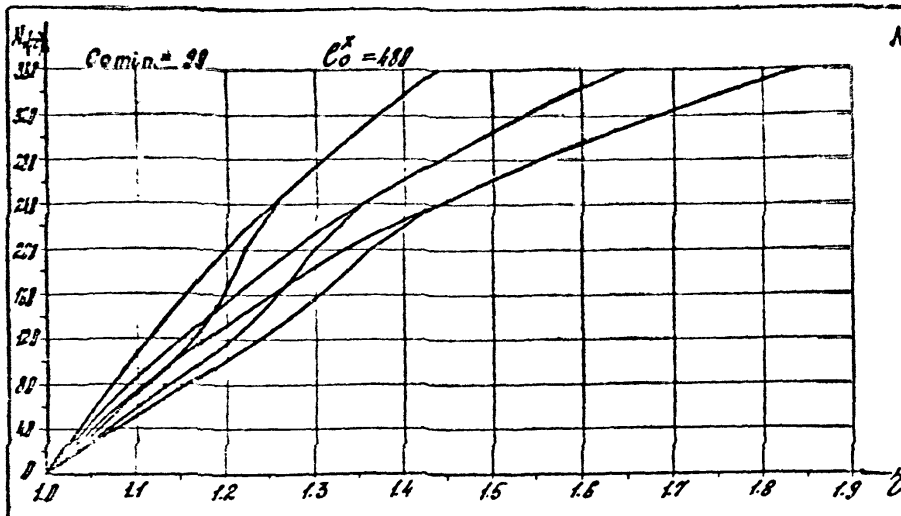


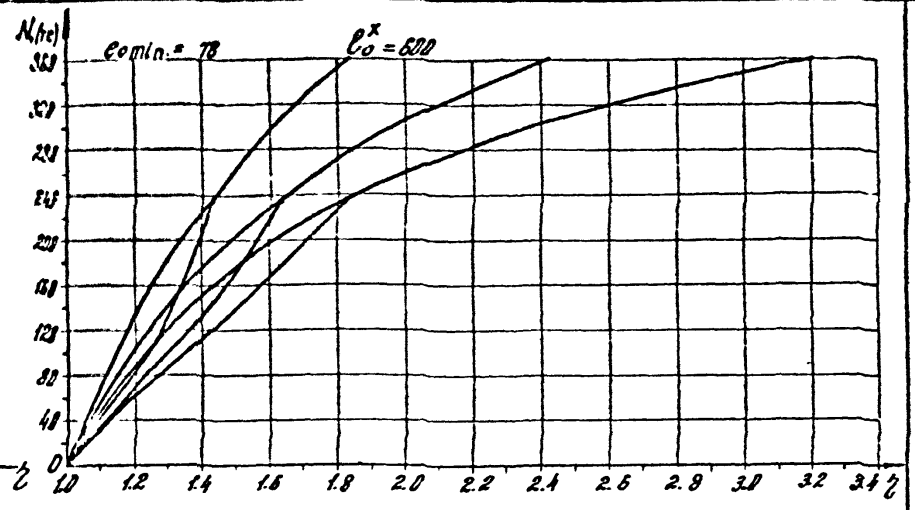
Бх 3482 э л 154

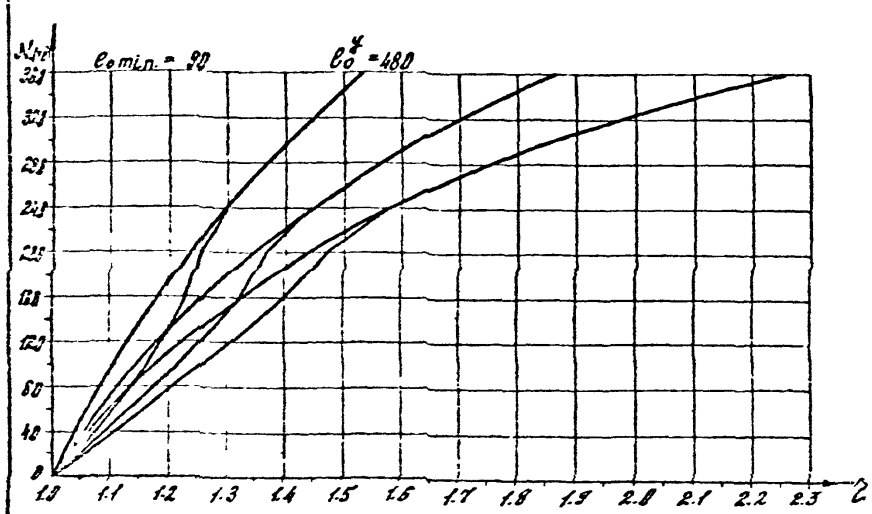
Класс бетона В30 (Rб = 155.7 кгс/см² при учете f'_{b2} = 0,9)

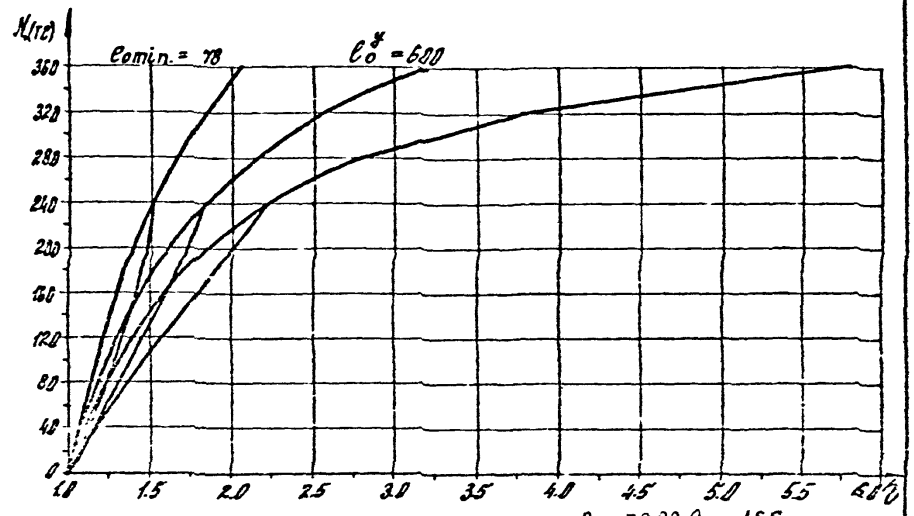
1.020-1/87. 0-6- 3 113

Лист 147

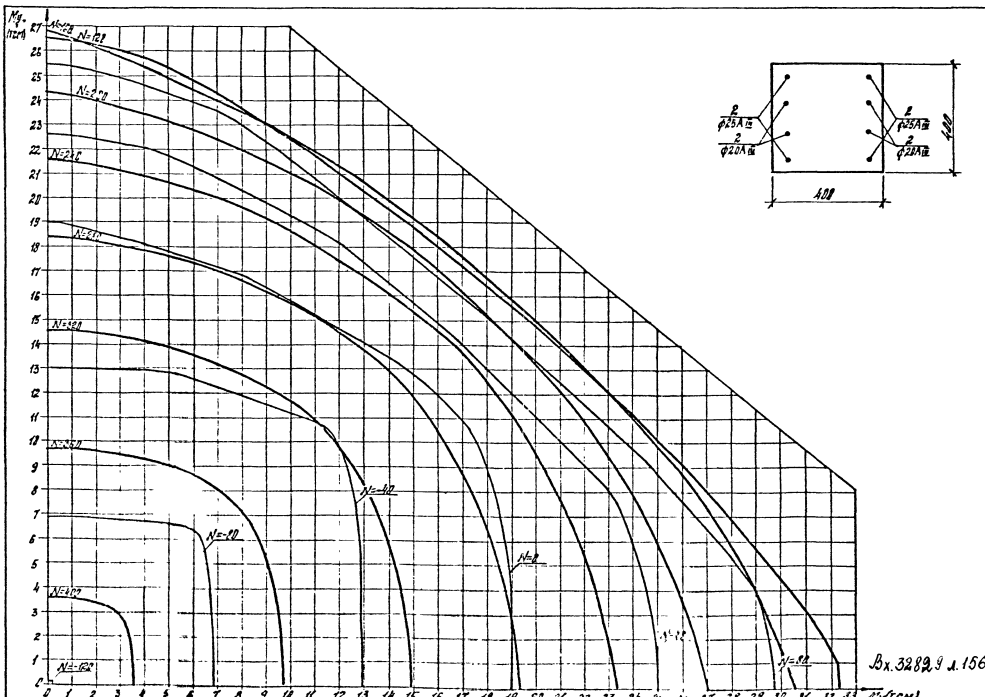






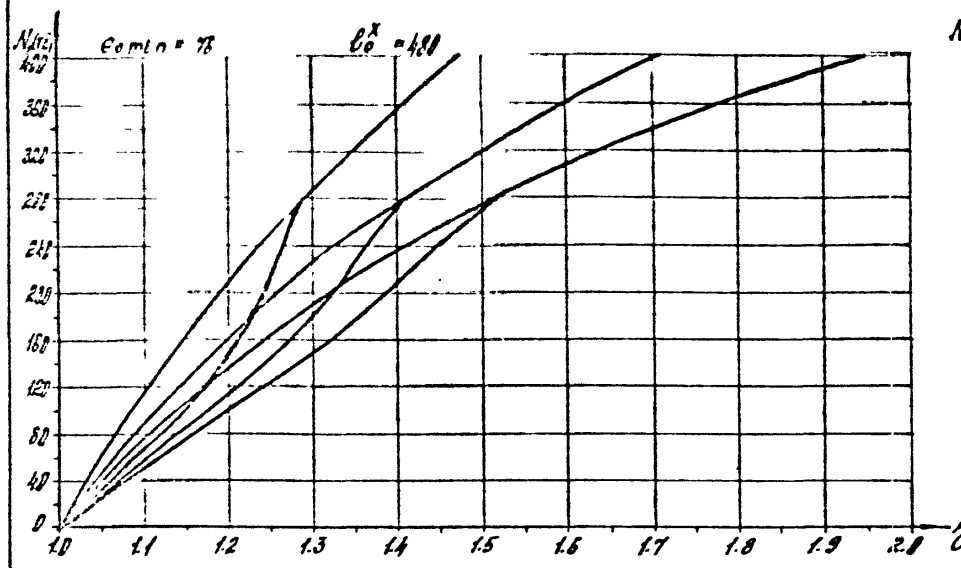


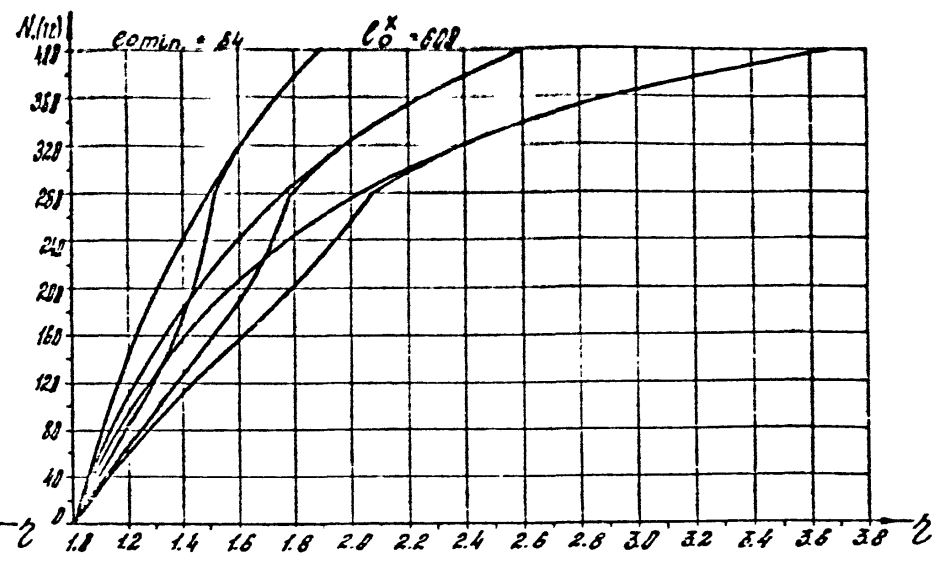
Вх. 32829 л. 155

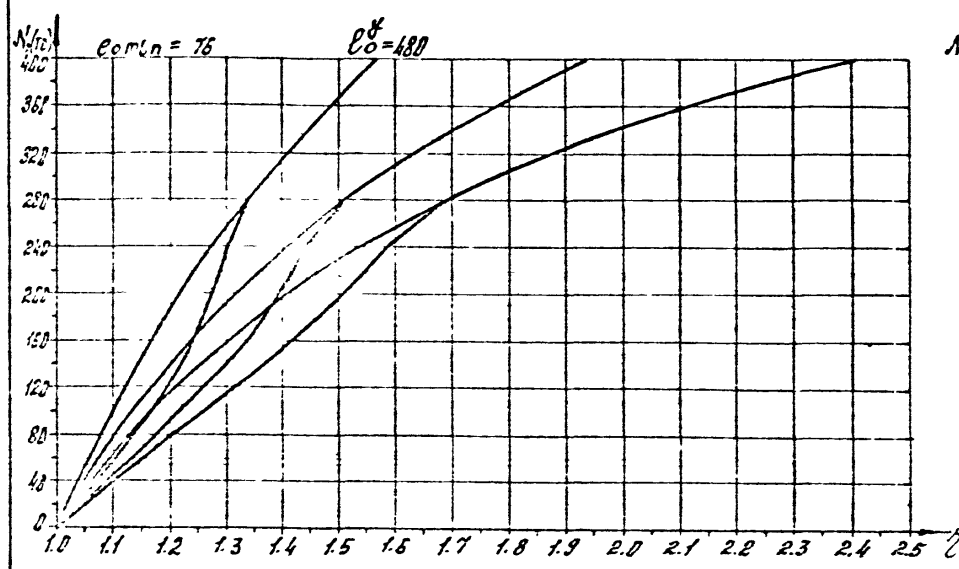


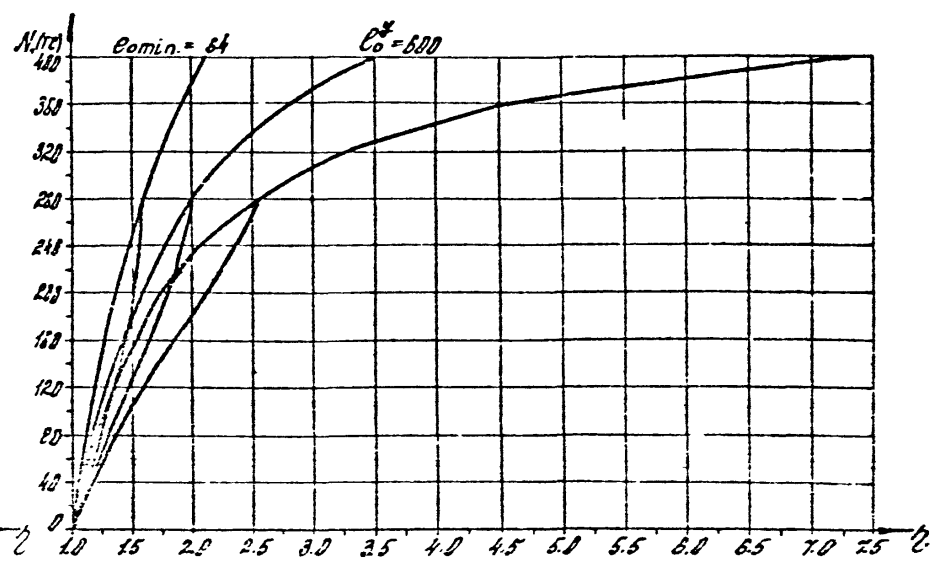
Вх.3282.9 л.156

Класс бетона В30 (R_B=130.3кгс/см² при учете γ_{b2}=1.10)

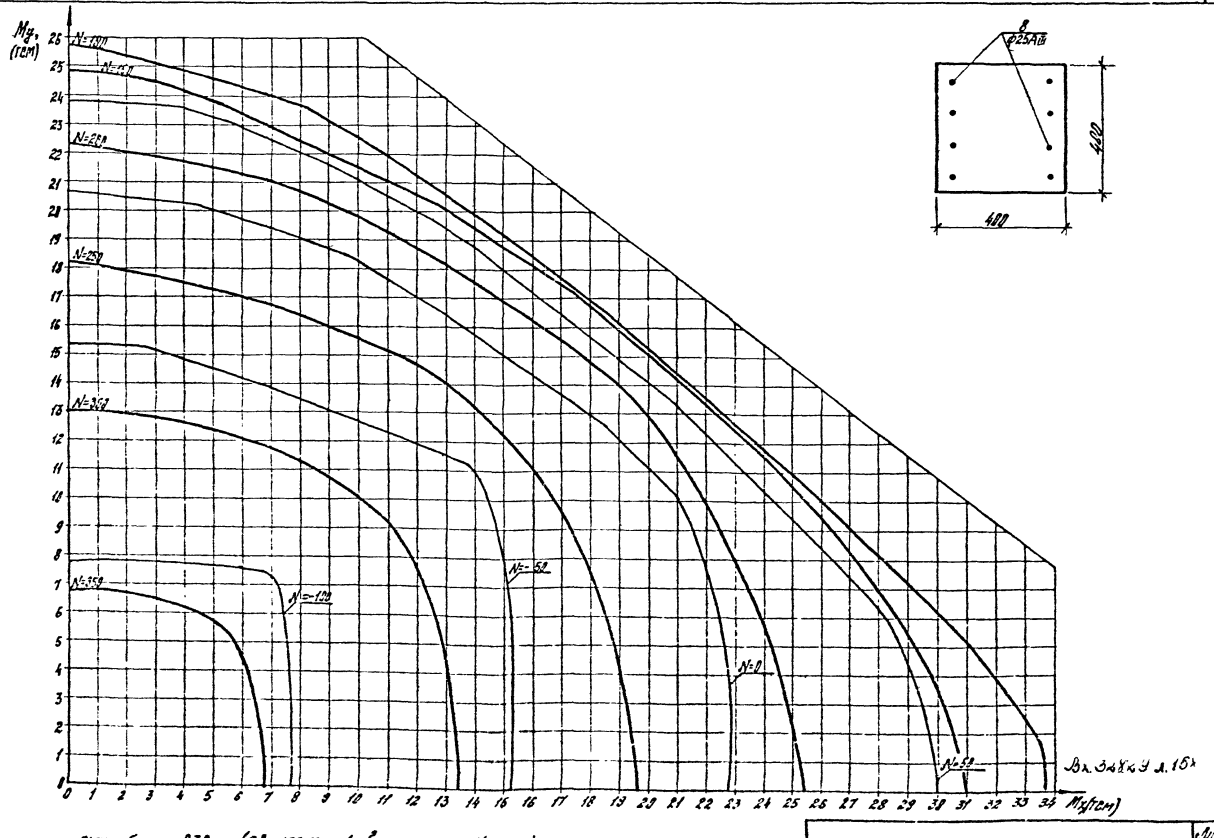








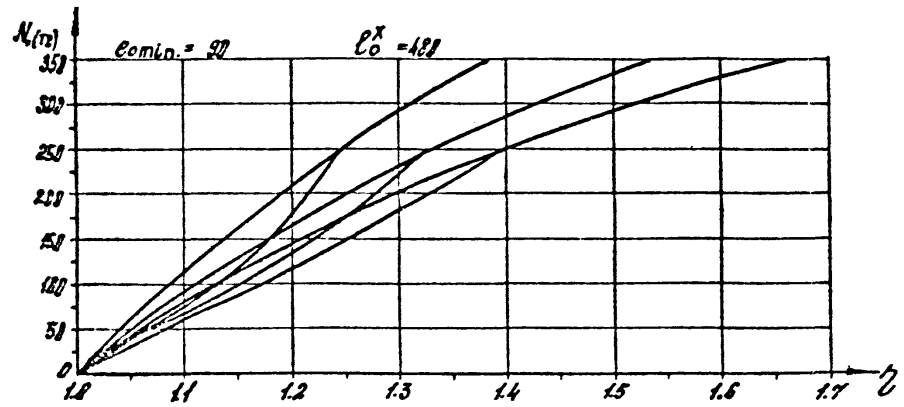
Вх. 32829 л. 157

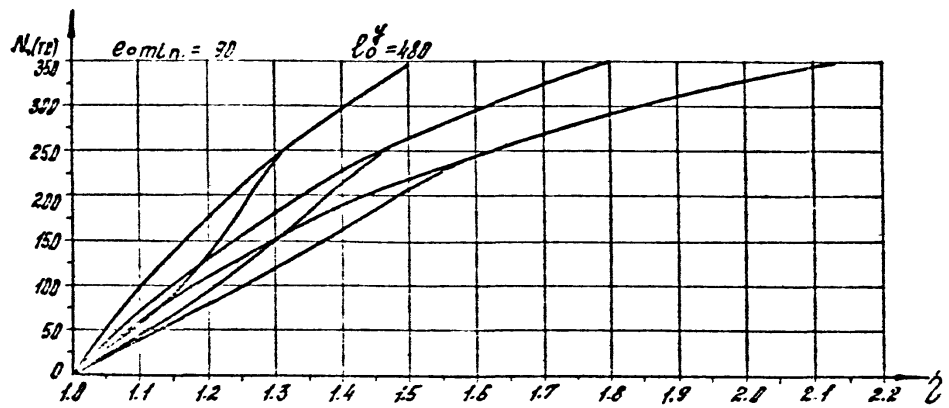


Вх. 3.4Х.4У л. 15х

Класс бетона В30 (Rв=155.7кгс/см² при учете γв2=90)

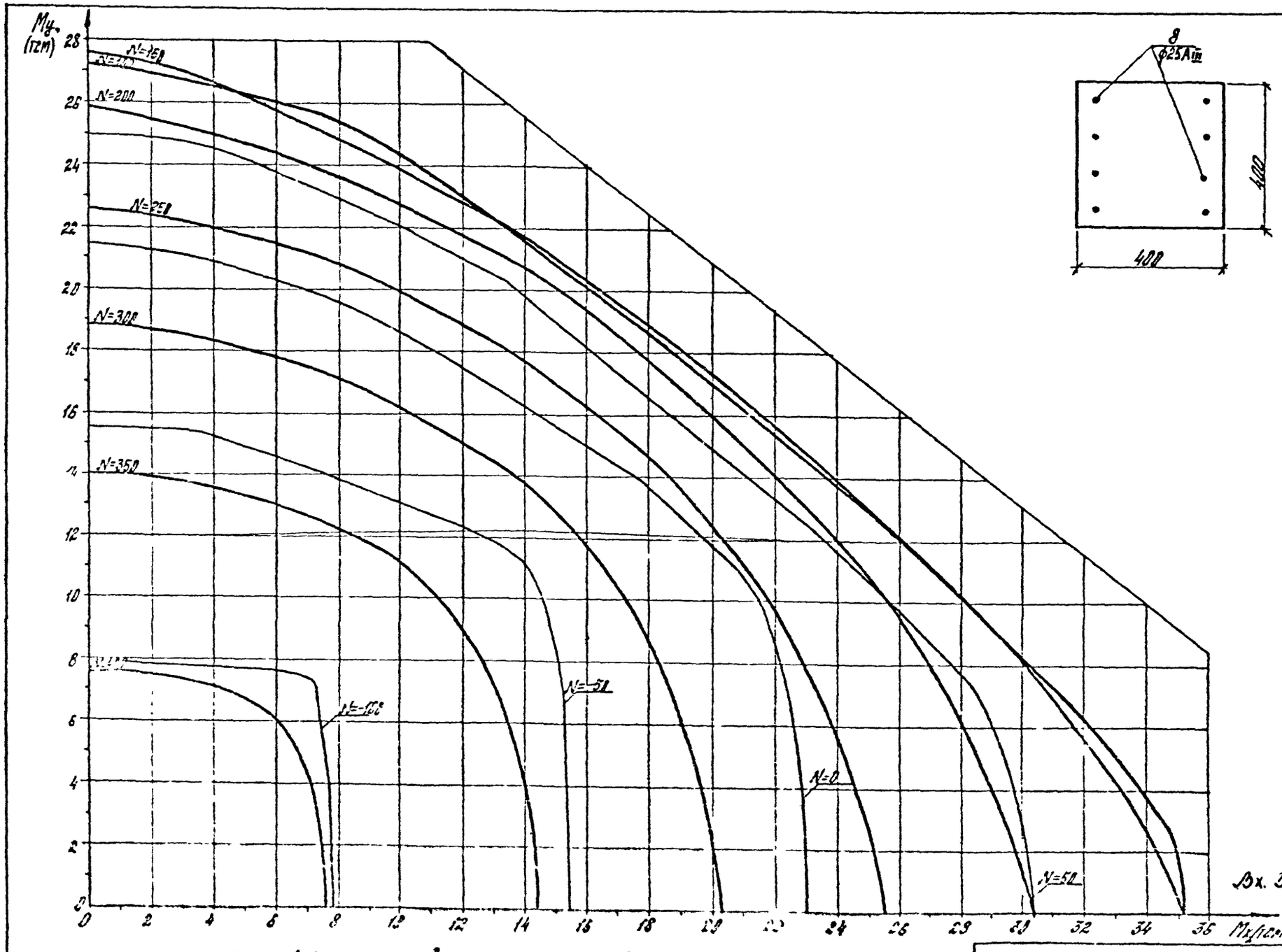
1.020 – 1/87. П-6- 3ПЗ





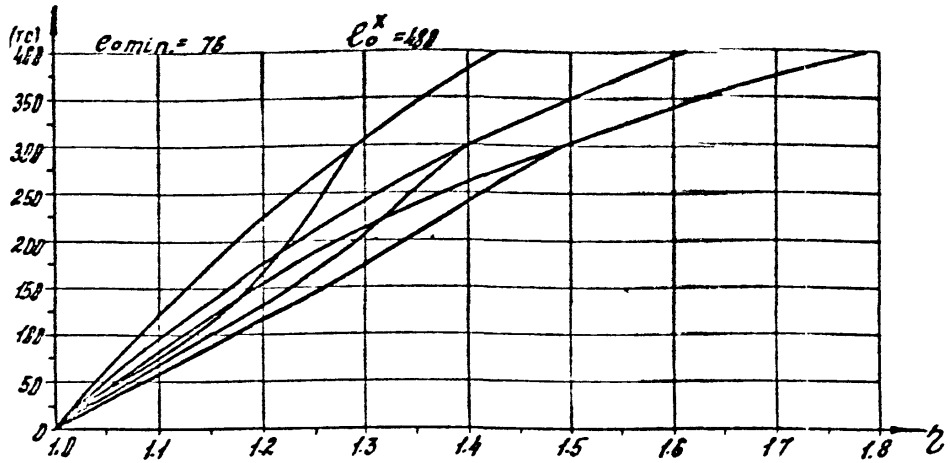
Вх. 32829 л. 159

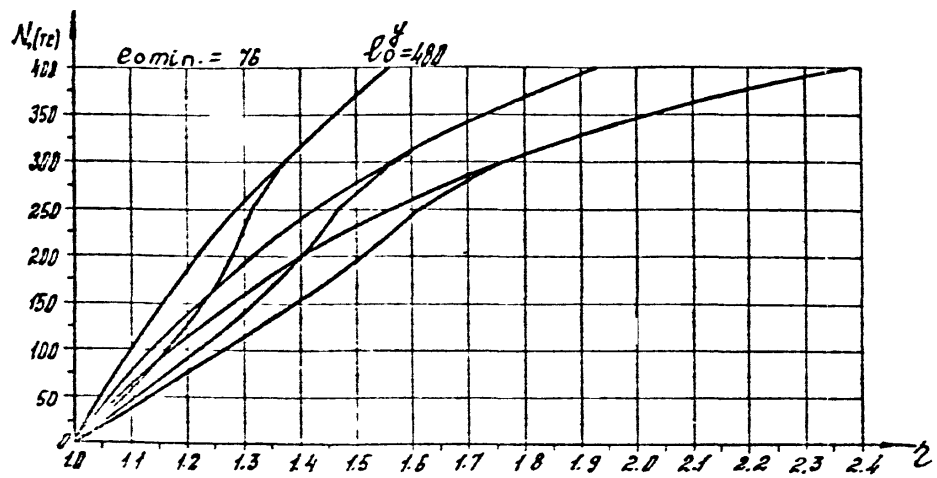
1.020-1/87. 0-6-3 ПЗ



Вх. 32829 л. 160

Класс бетона В30 (Rb = 100 кгс/см² при учете γb2 = 1.18)

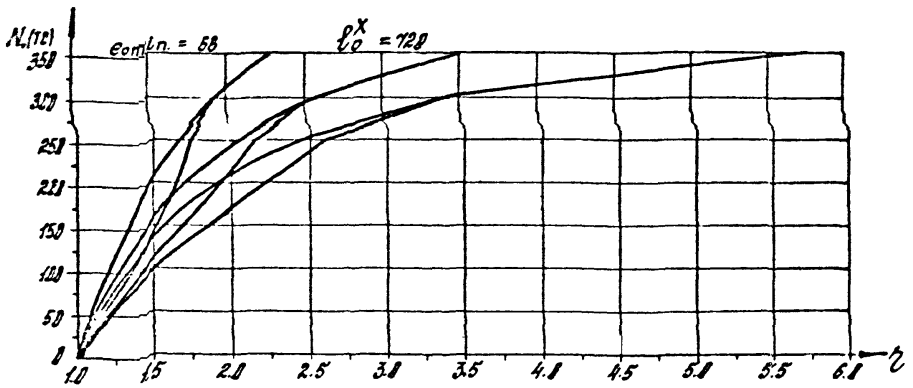


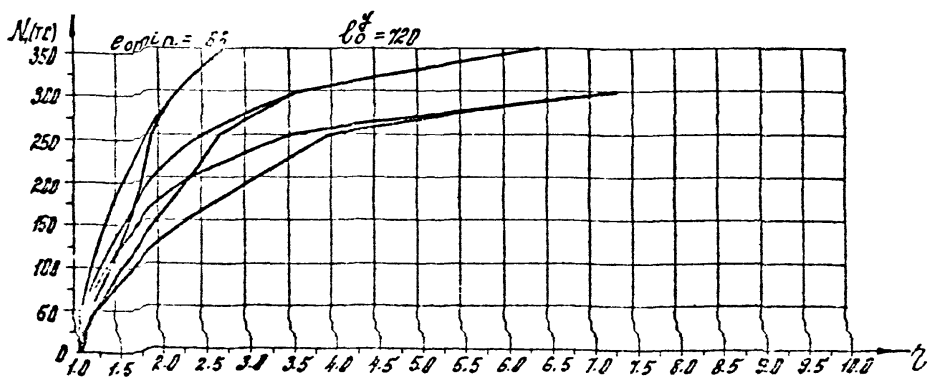


Вх 32859 л. 161

1020-1/87. 0-6-3 ПЗ

Лист 154

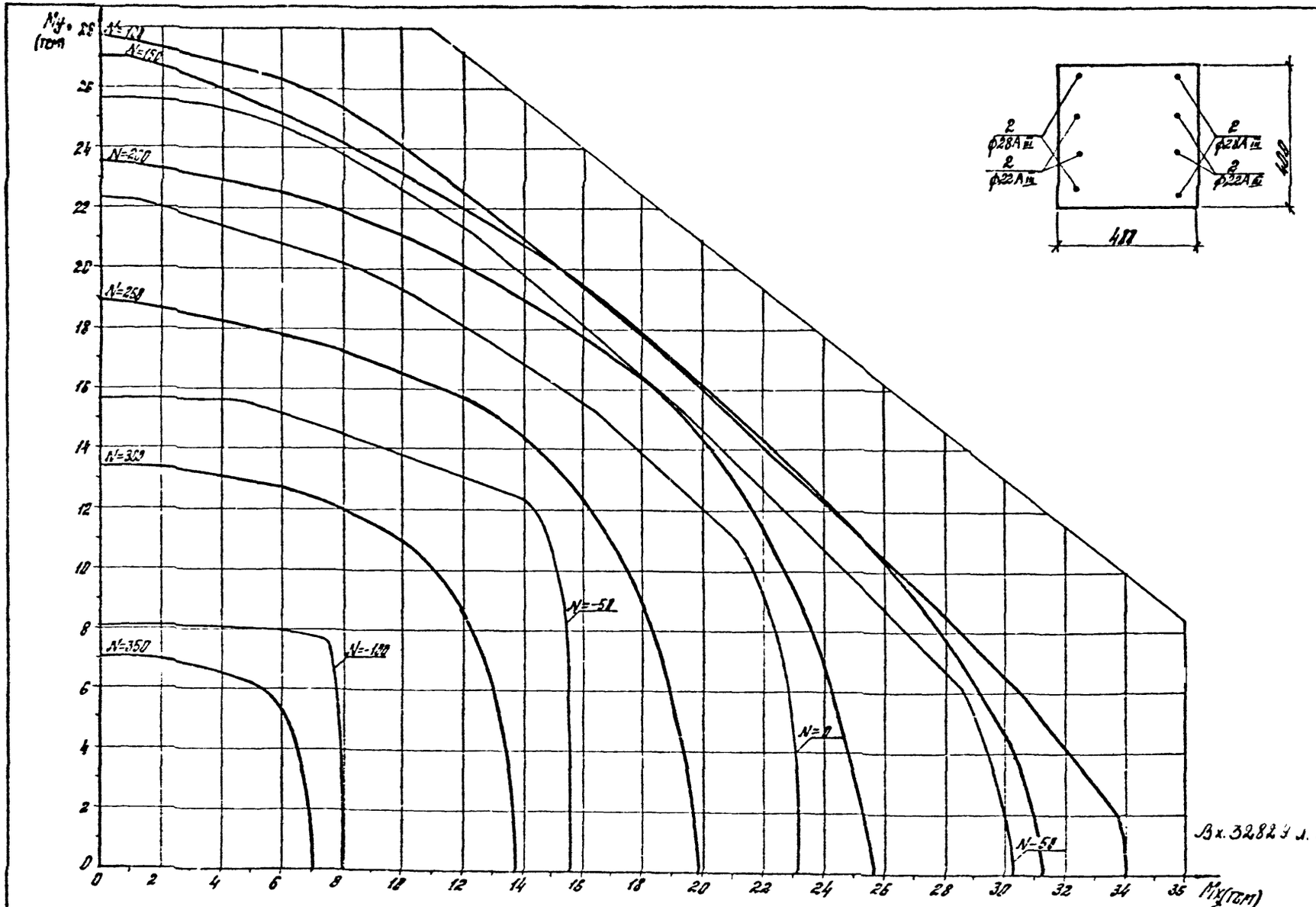




Вх. 32829 л. 162

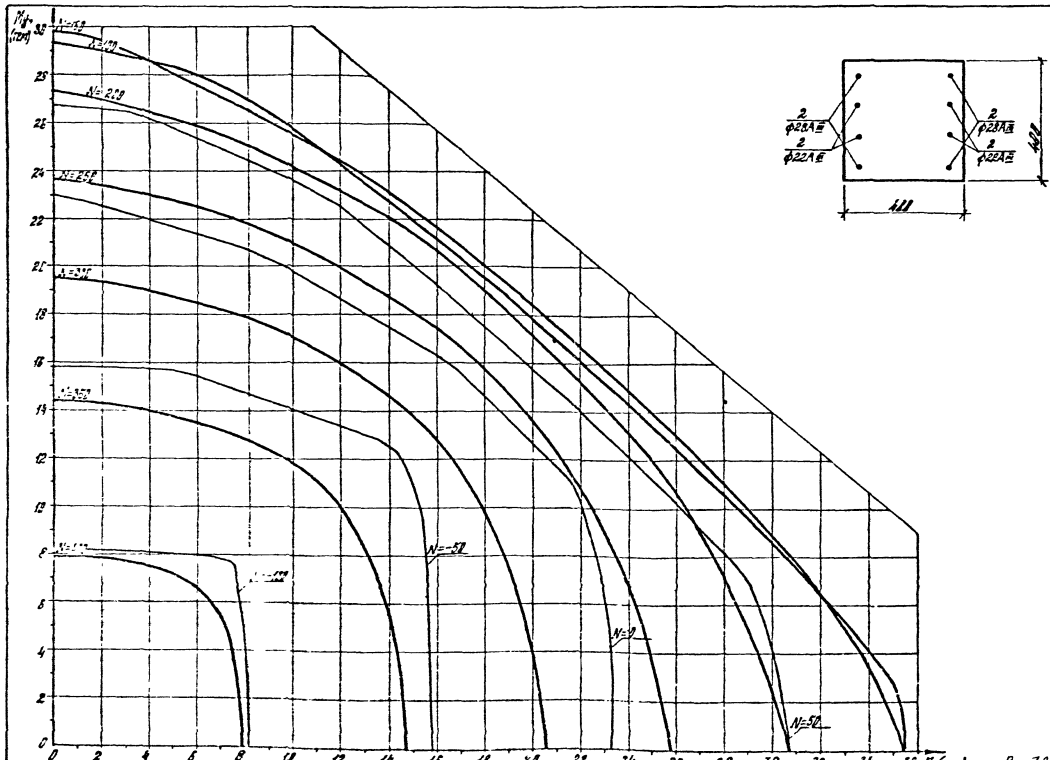
1.020-1/87.0-6-3 113

Лист 156



Вх. 32823 л. 160

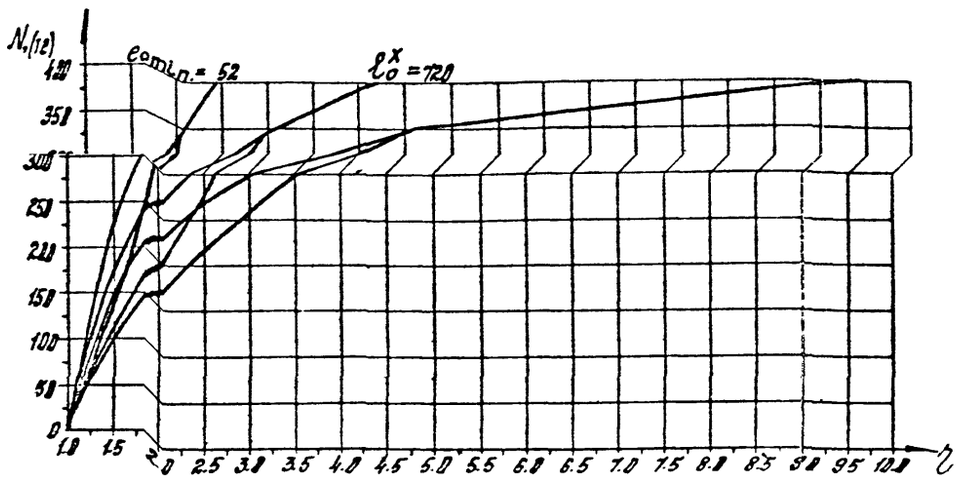
Класс бетона В30 (Rв=155.7кгс/см² при учете γв2=0,9)



Бетона В30 (Rб=[illegible] кгс/см² при учете $\gamma_{б2}$=1.10)

Вх. 32829 л. 164

1.020-1/87. 0-6- 3 ПЗ


N,(тс)
$e_{o\,min.}$ = 52
l_o^x = 720
400
350
300
250
200
150
100
50
0
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
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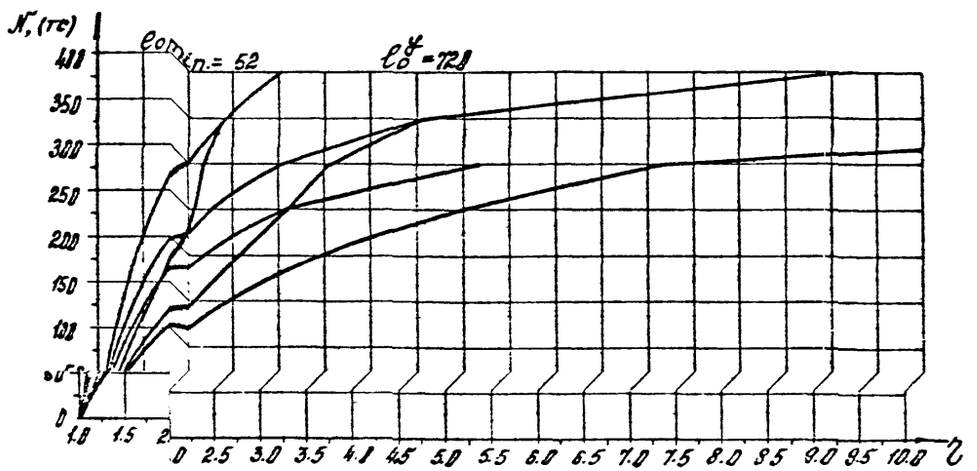
9.0
9.5
10.0
r


N,(тс)
$e_{o\,min.}$ = 52
l_o^y = 720
400
350
300
250
200
150
100
0
1.0
1.5
2.0
2.5
3.0
3.5
4.0
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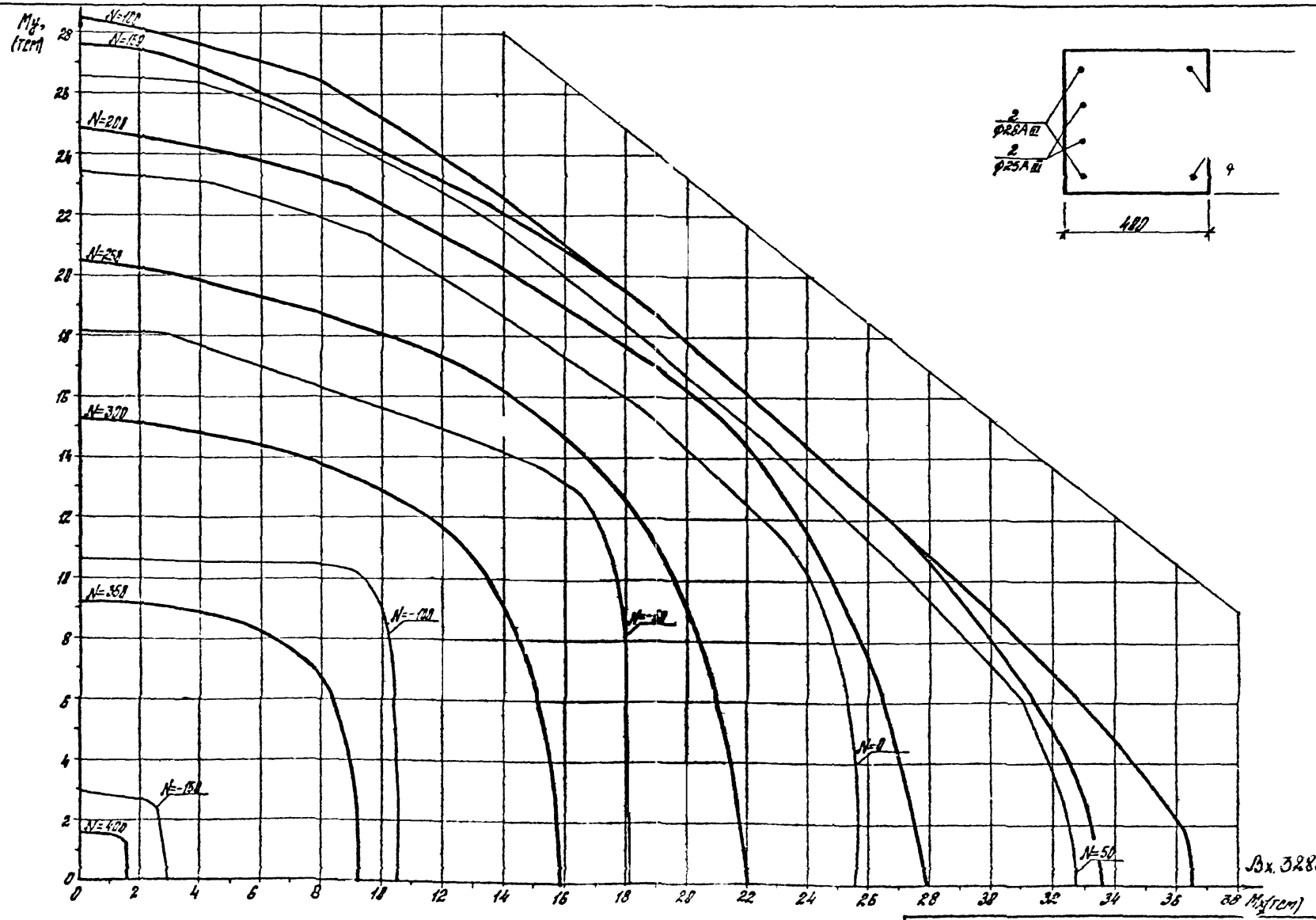
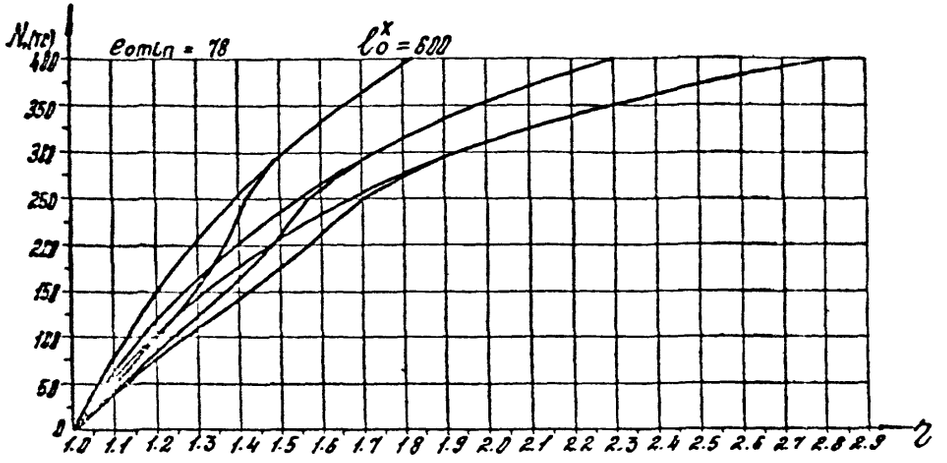
8.5
9.0
9.5
10.0
r

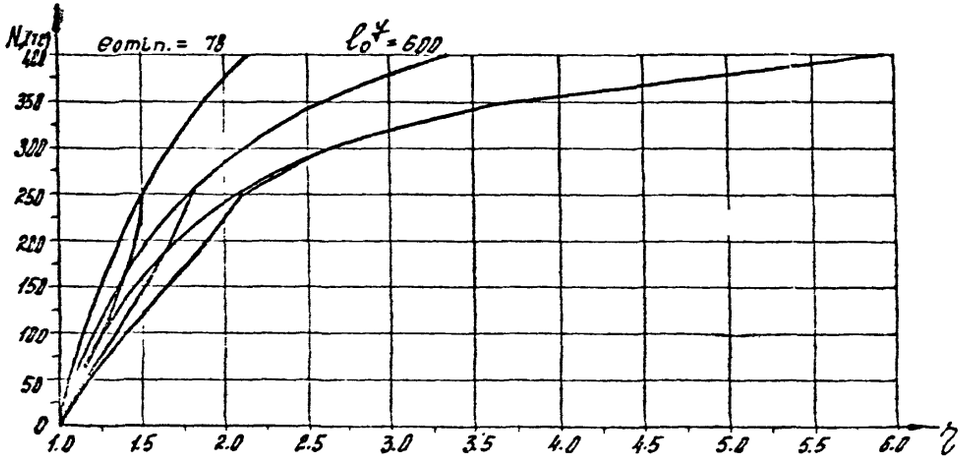


Вх. 32829 л 166

класс бетона В30 ($R_б$=155. 7кгс/см^2 при учете $\gamma_{в2}$=0,9)

1.020-1/87.0-6-3 ПЗ

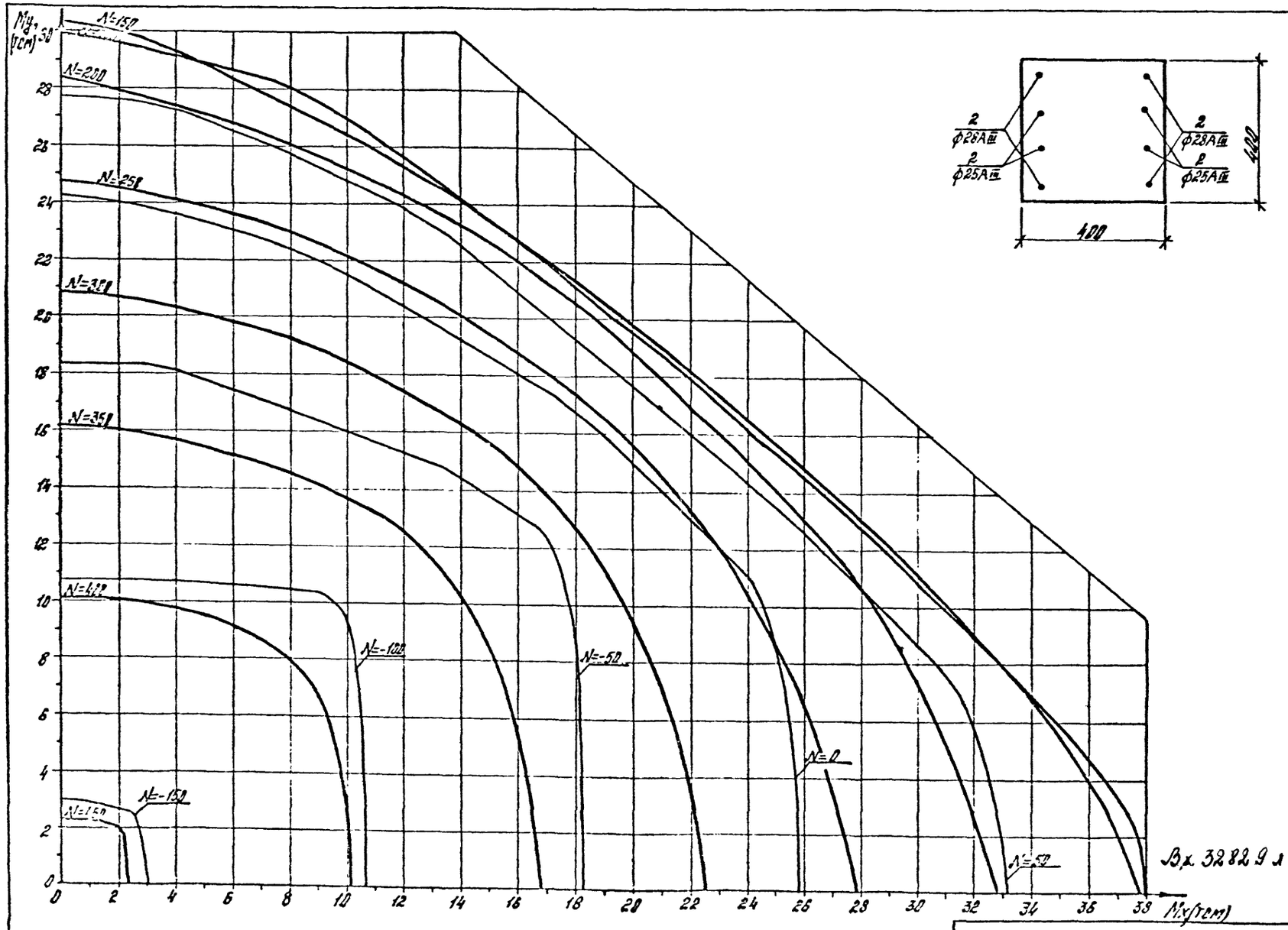




Вх. 32829 л. 167

1.020-1/87. 0-6- 3 ПЗ

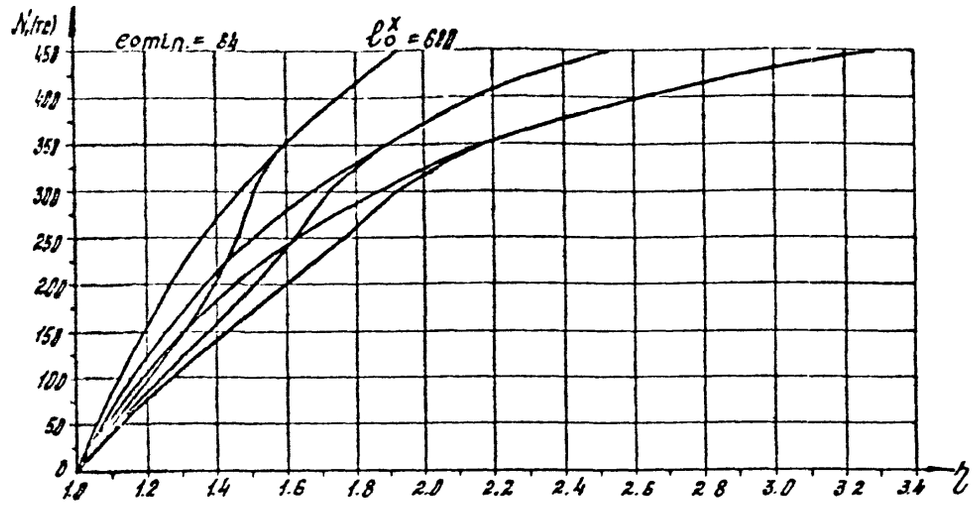
Лист 160

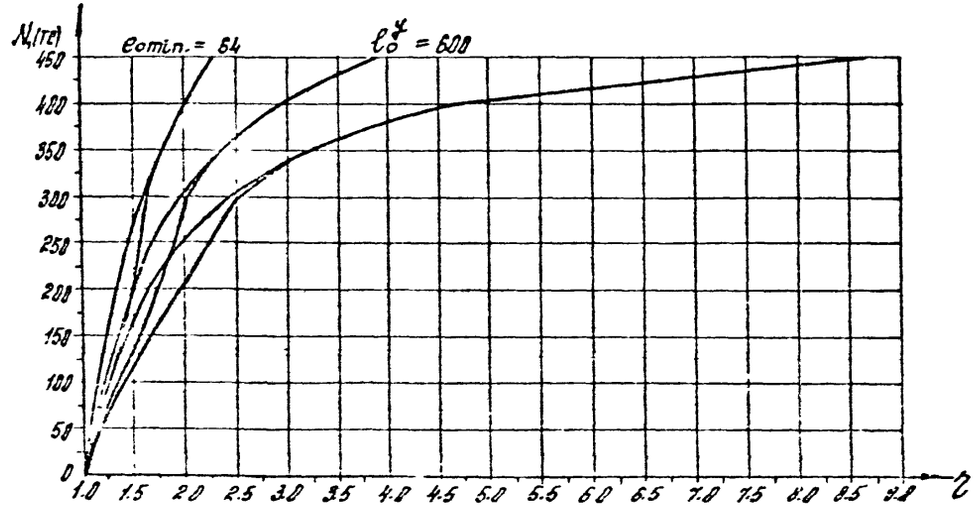


Вх. 3282.9 л 168

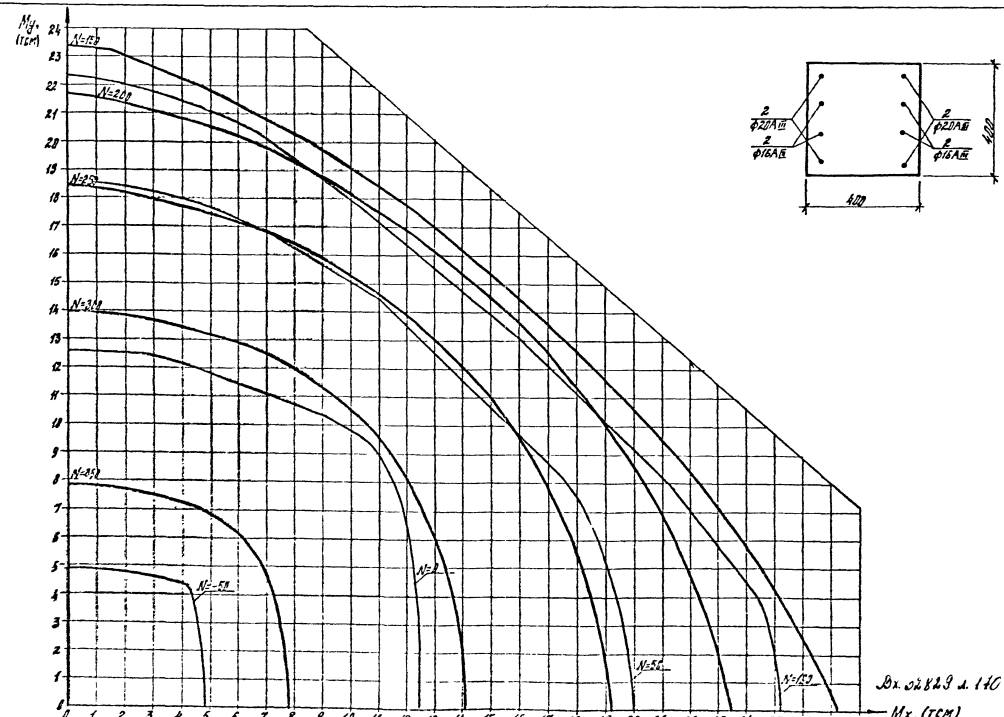
Класс бетона В30 (Rв=190.35 кг/см² при учете γв2=1.10)

1.020 – 1/87.0-6- 3 ПЗ





Вх. 32829 л. 169

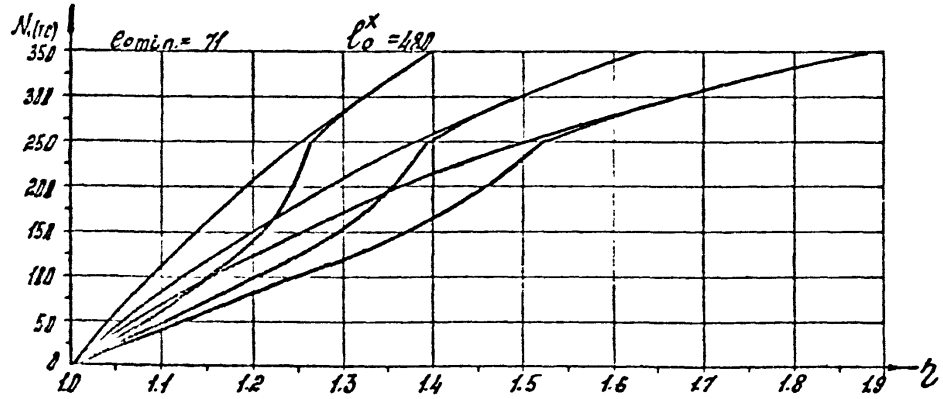


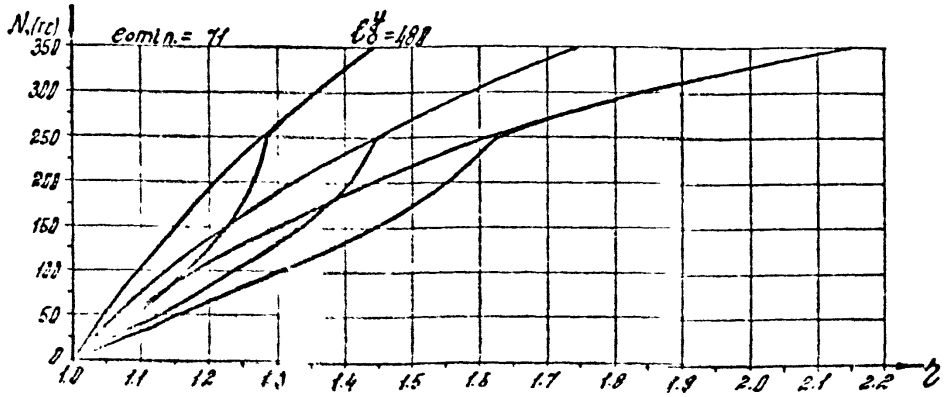
Вх. 32829 л. 140

Класс бетона В40 (Rб=201,6 кгс/см² при учете γ_{b2}=0,9)

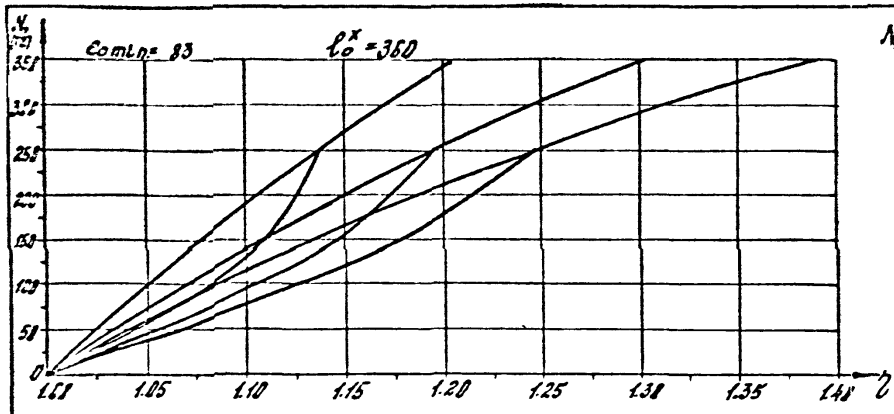
1.020-1/87.0-6-3П3

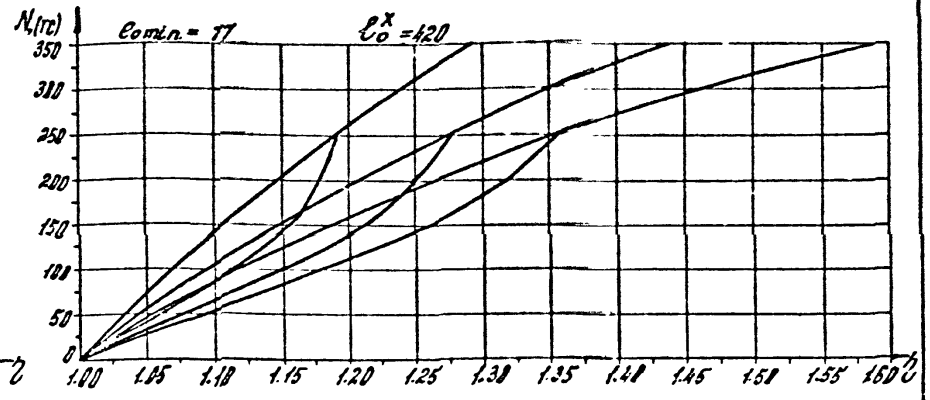
Лист 163

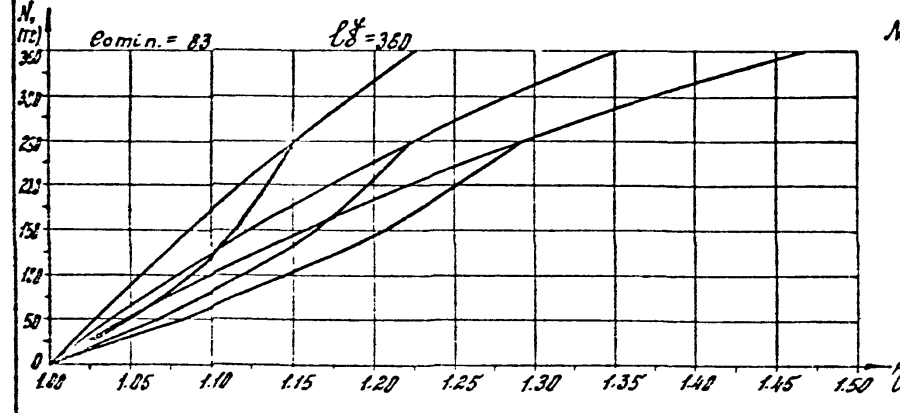


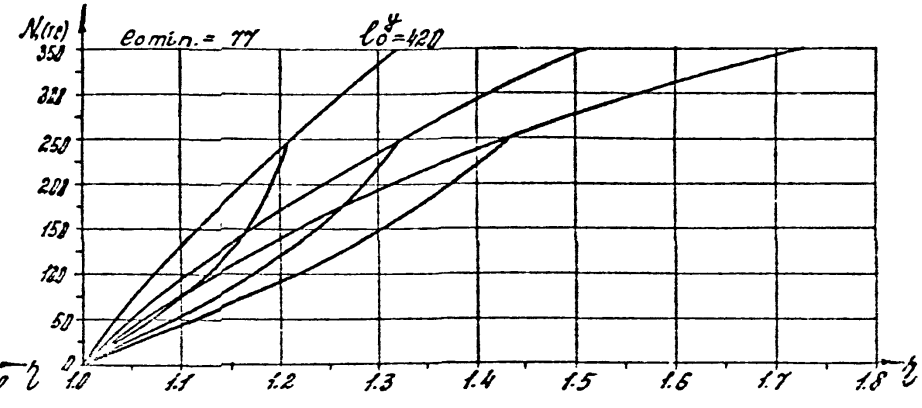


Вх. 32829 1.171



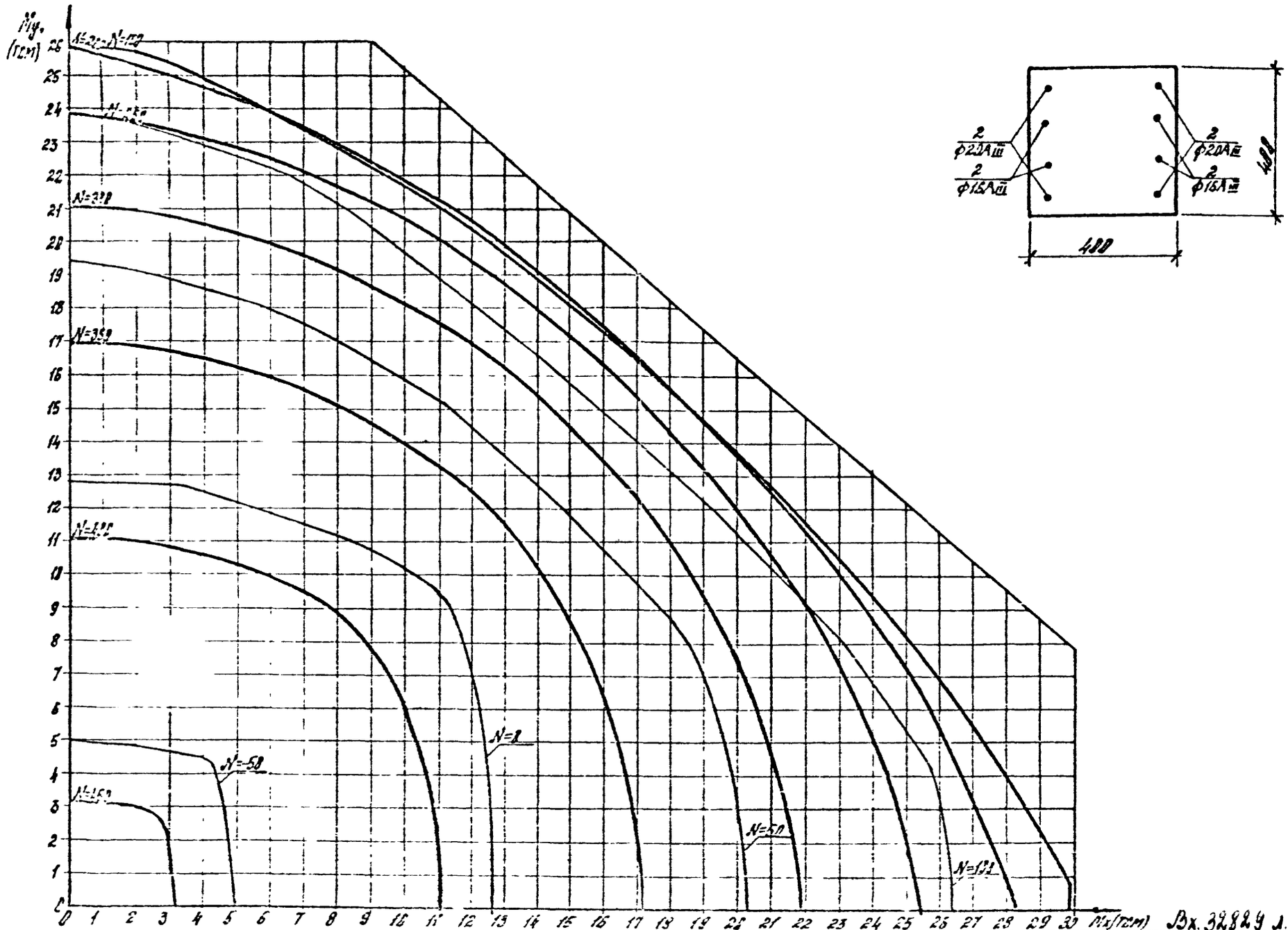






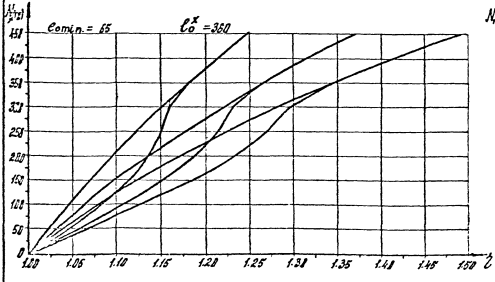
Вх.32829 л.172

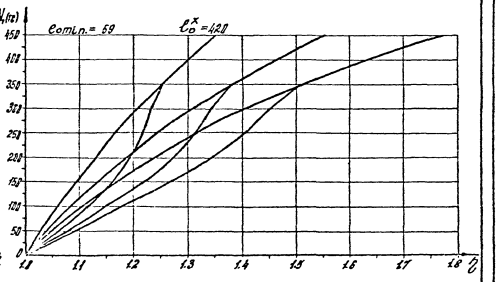
1.020-1/87. 0-6- 3 ПЗ

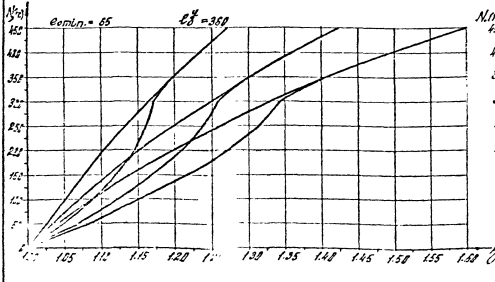


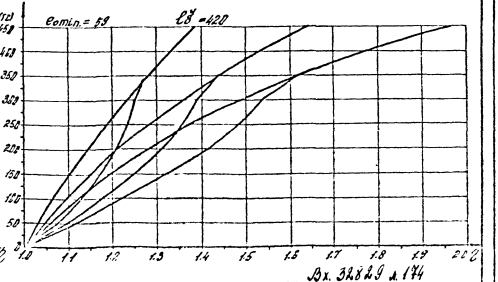
Вх. 32829 л. 173

класс бетона В40 ($R_б$=246.4 кгс/см² при учете $\gamma_{в2}$=1.10)

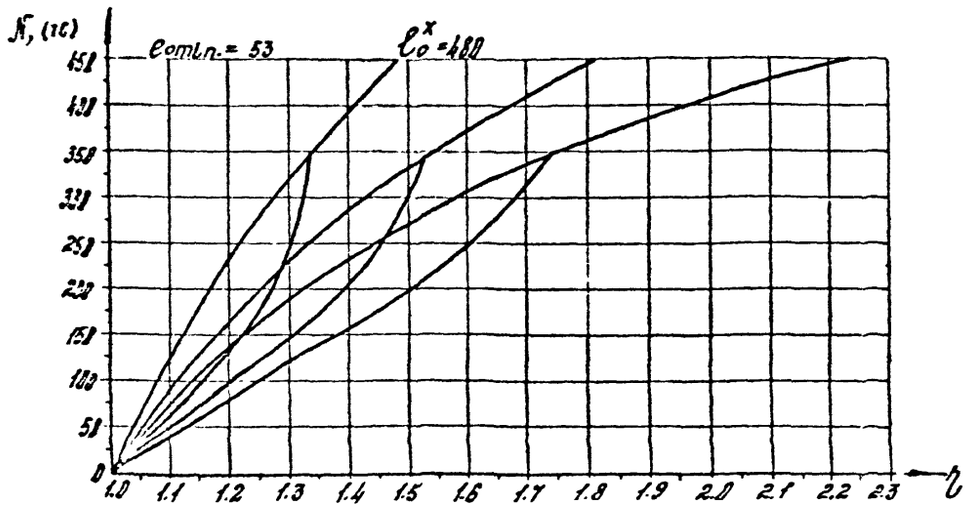


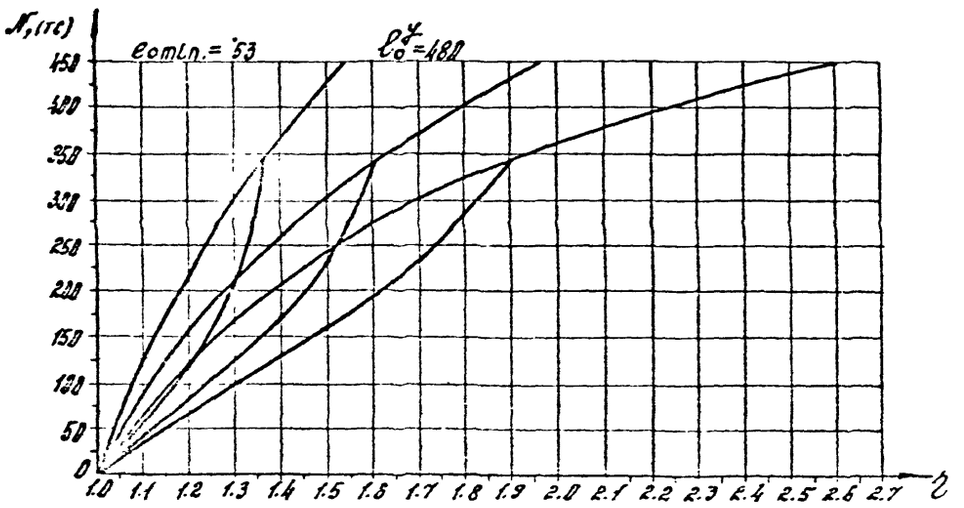






Вх. 3282.9 л. 174

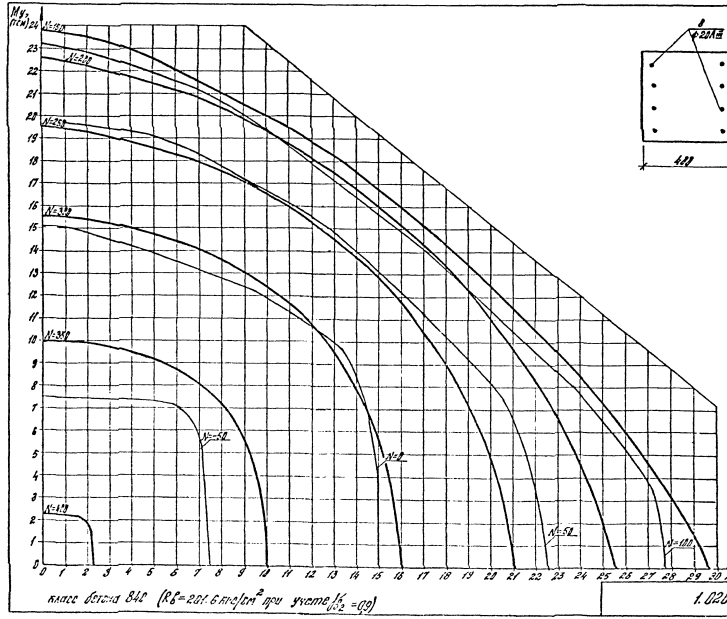




Эх. 32829 л. 175

1.020-1/87. 0-6- 3 ПЗ

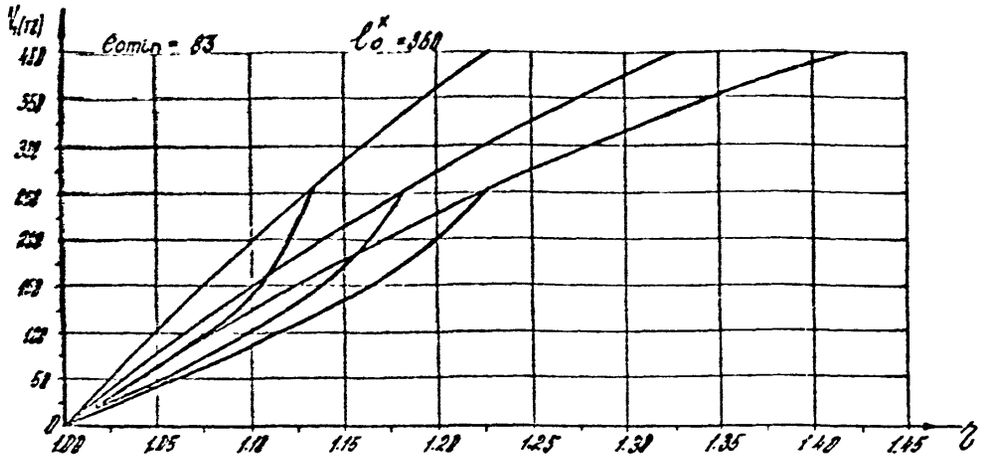
Лист 168

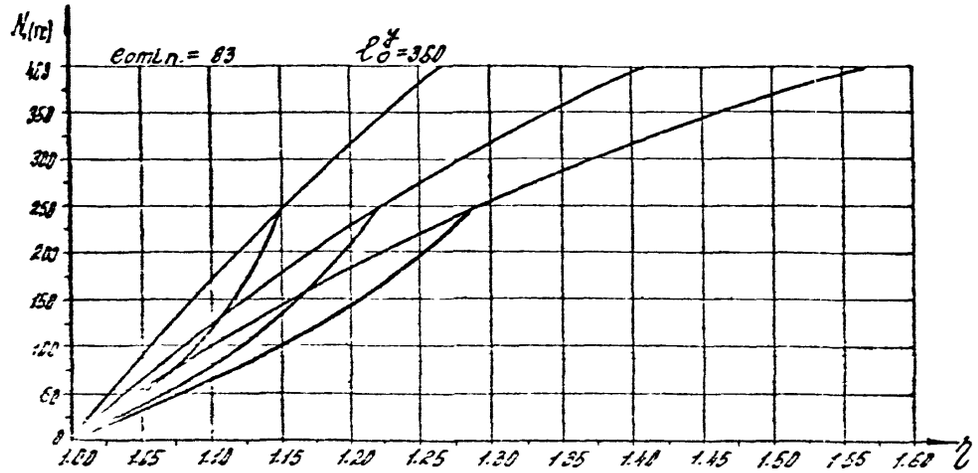


класс бетона 840 (R_b=201.6 кгс/см² при учете γ_{b2}=0,9)

Вх. 32829 л.176

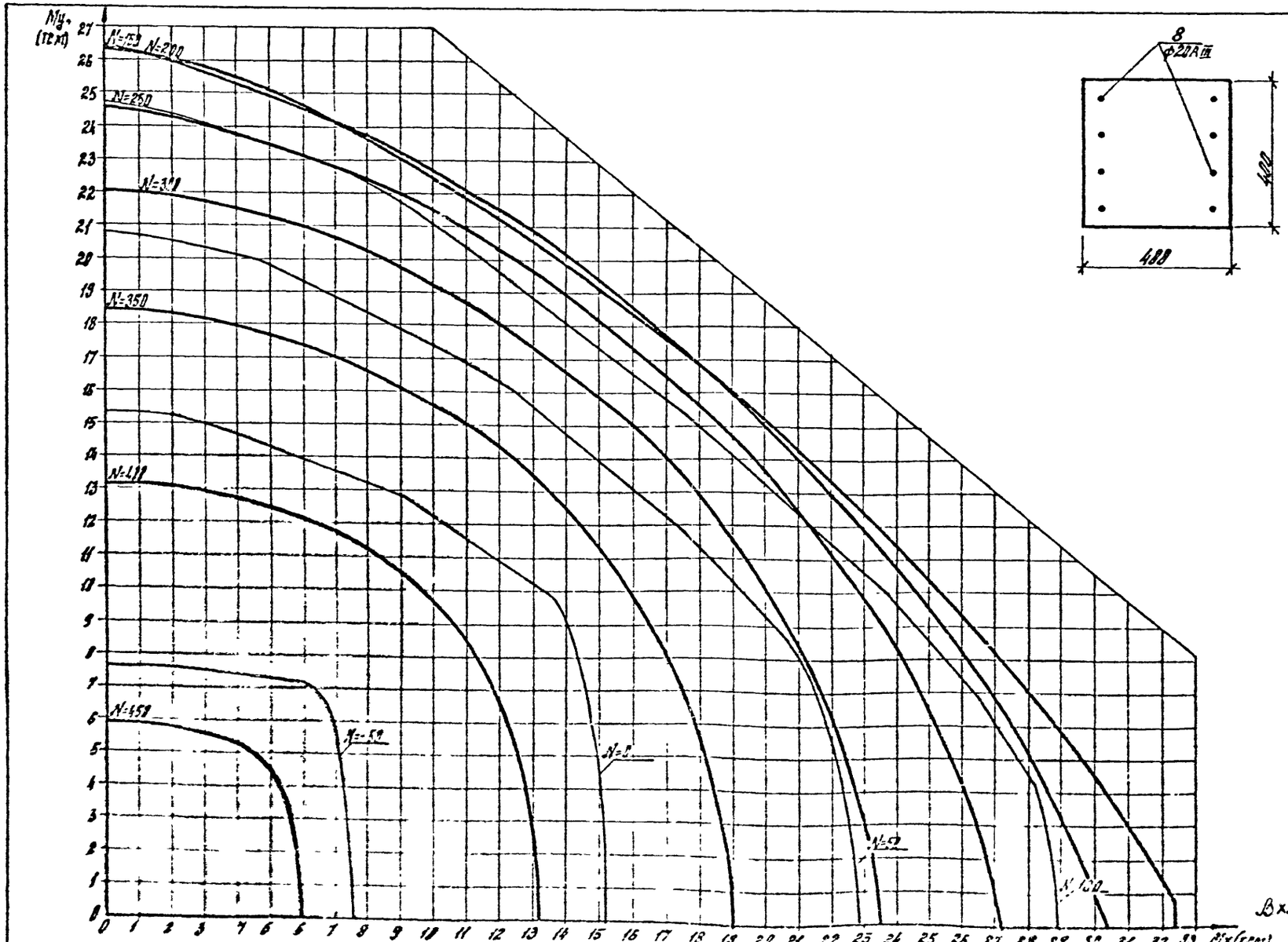
1.020-1/87. 0-6-3 ПЗ





Вх. 34829 л. 177

1.020-1/87.0-6- 3 113

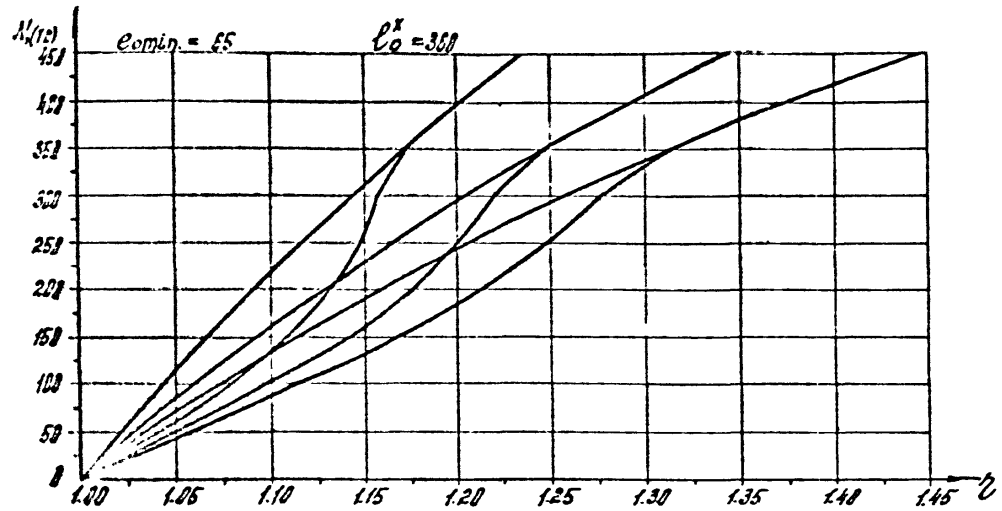


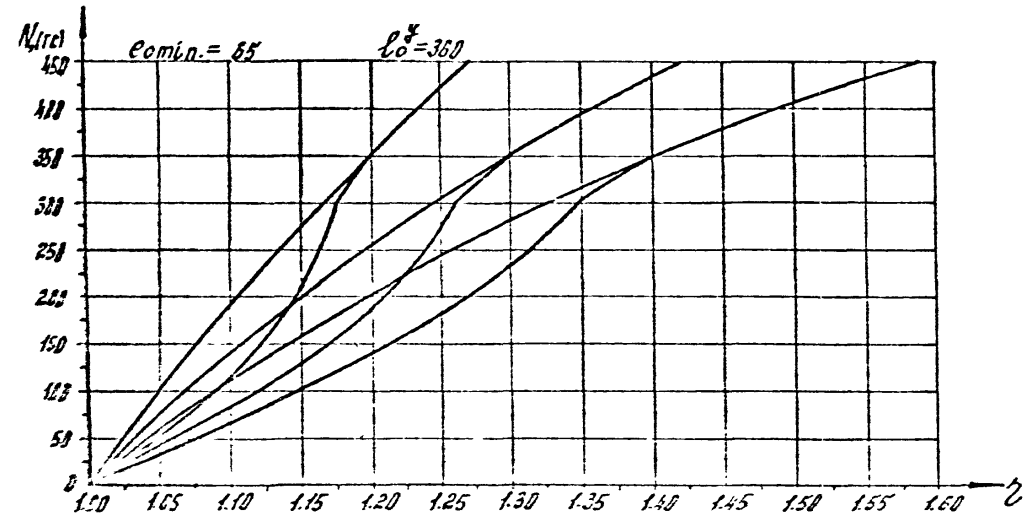
Вх. 32829 л. 178

Класс бетона В40 (R_b=246.4 кгс/см² при учете γ_{b2}=1.10)

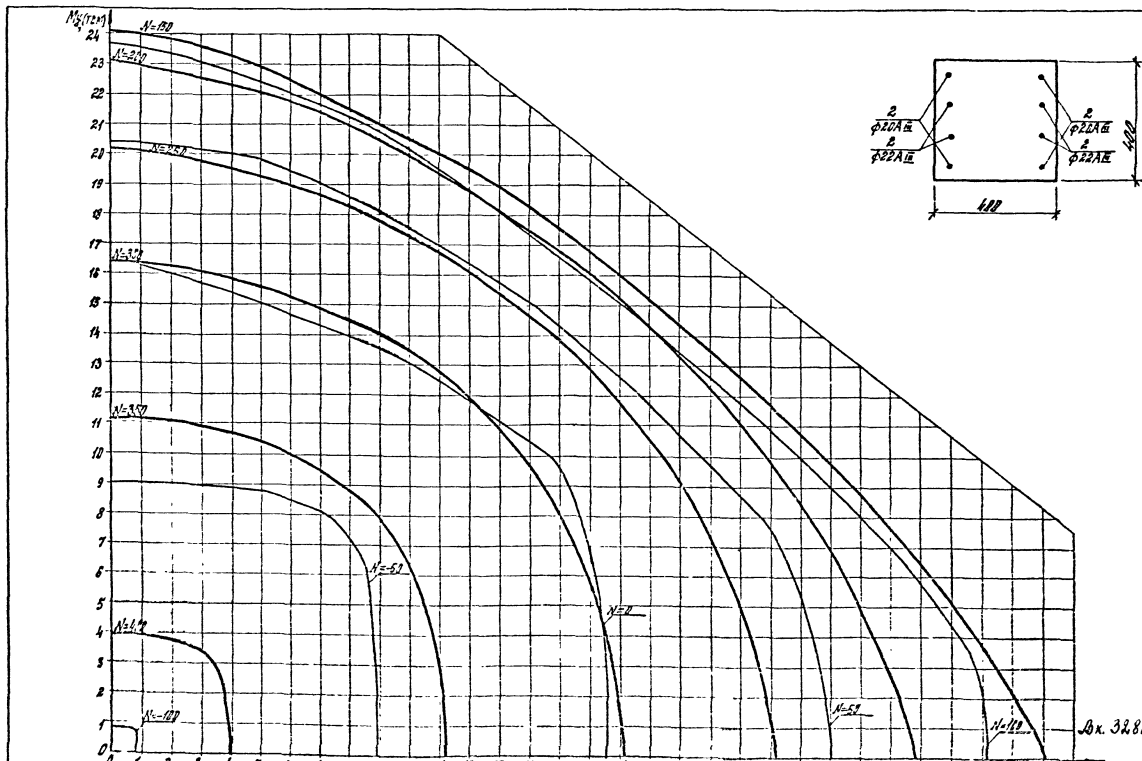
1.020-1/87. 0-6-3 ПЗ

Альб. 171





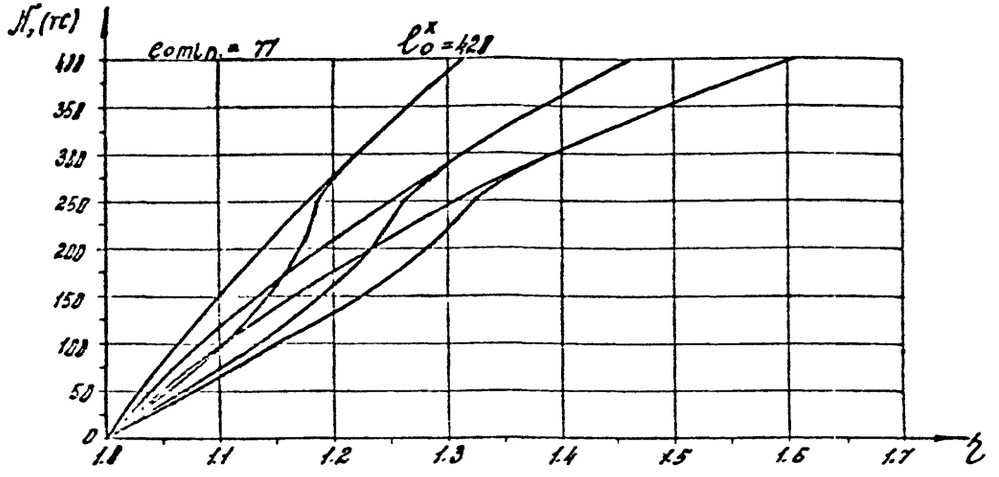
Вх. 32829 л. 179

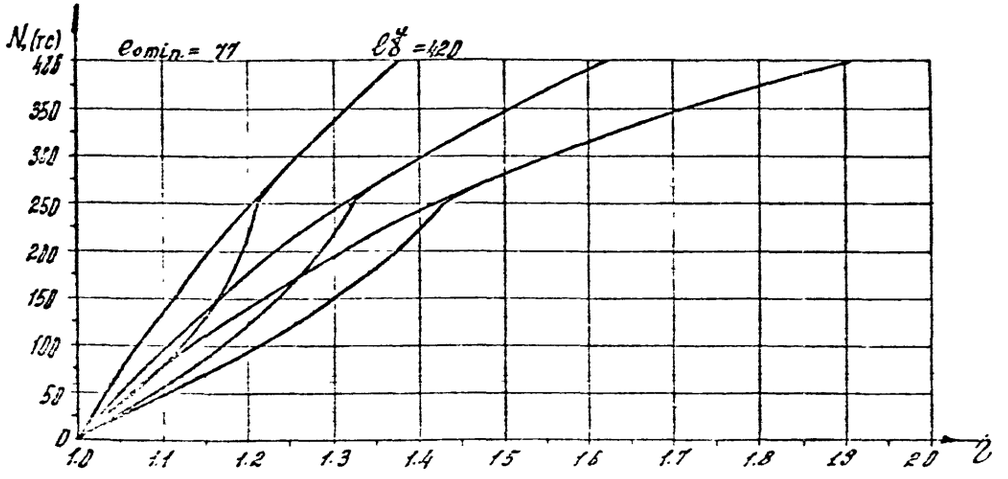


Бк. 32829 л.180

класс бетона В40 (Rв=201.6 кгс/см² при учете γ_{b2} = 0,9)

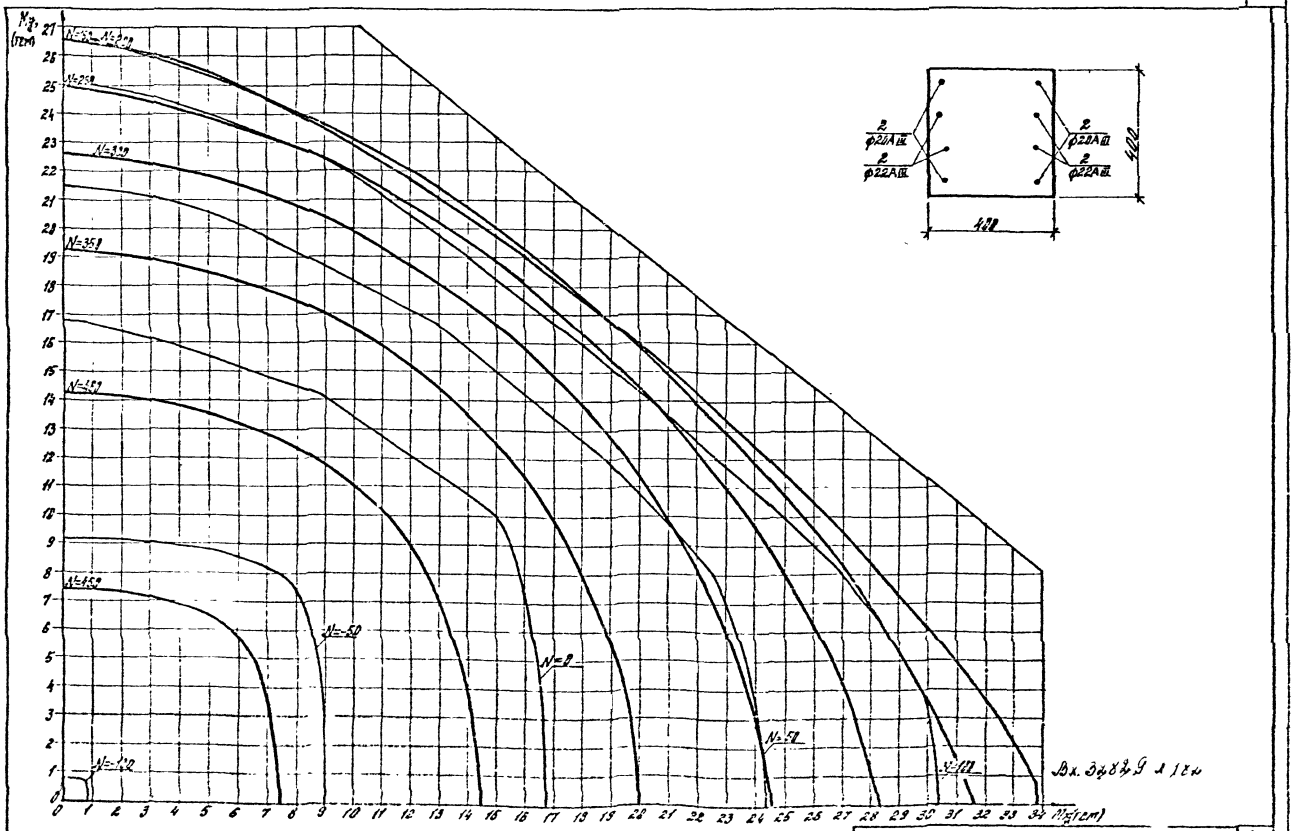
1.020 – 1/87. 0-6 – 3 ПЗ



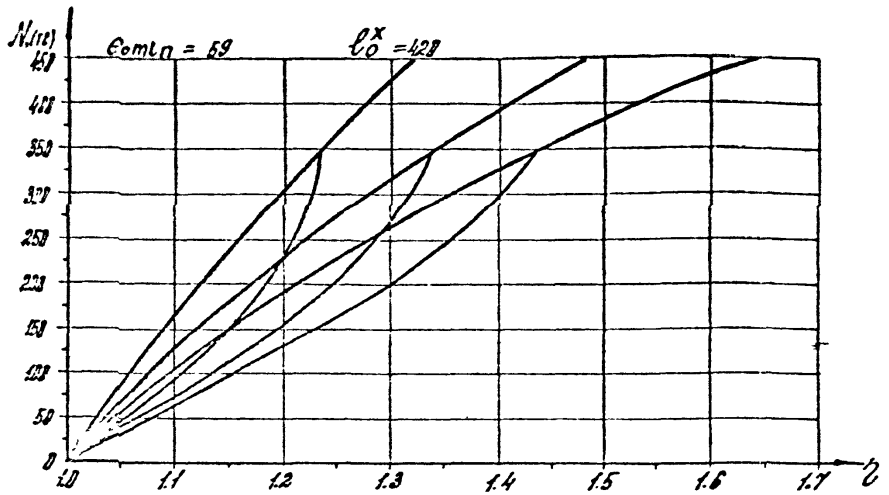


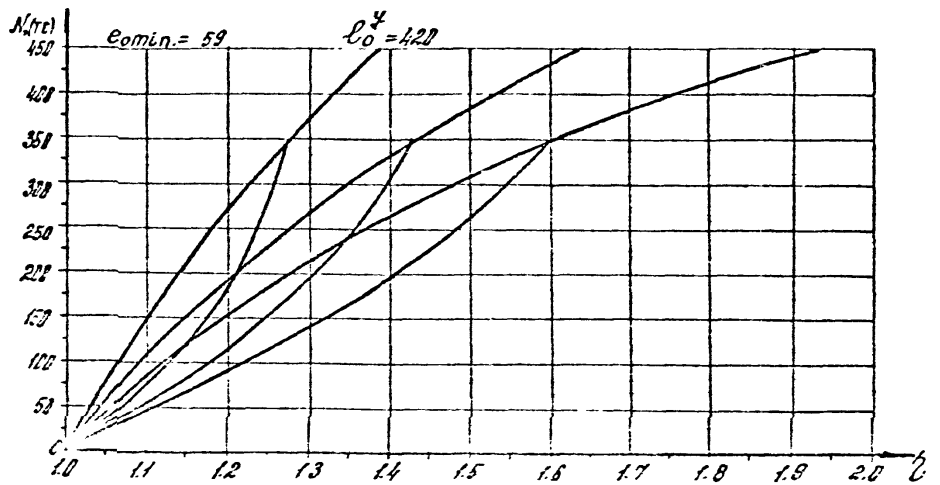
Вх. 32×49 л. 181

1.020-1/87.0-6- 3 ПЗ



Класс бетона В40 (R_B=246,4 кгс/см² при учете γ_{b2}=1,10)

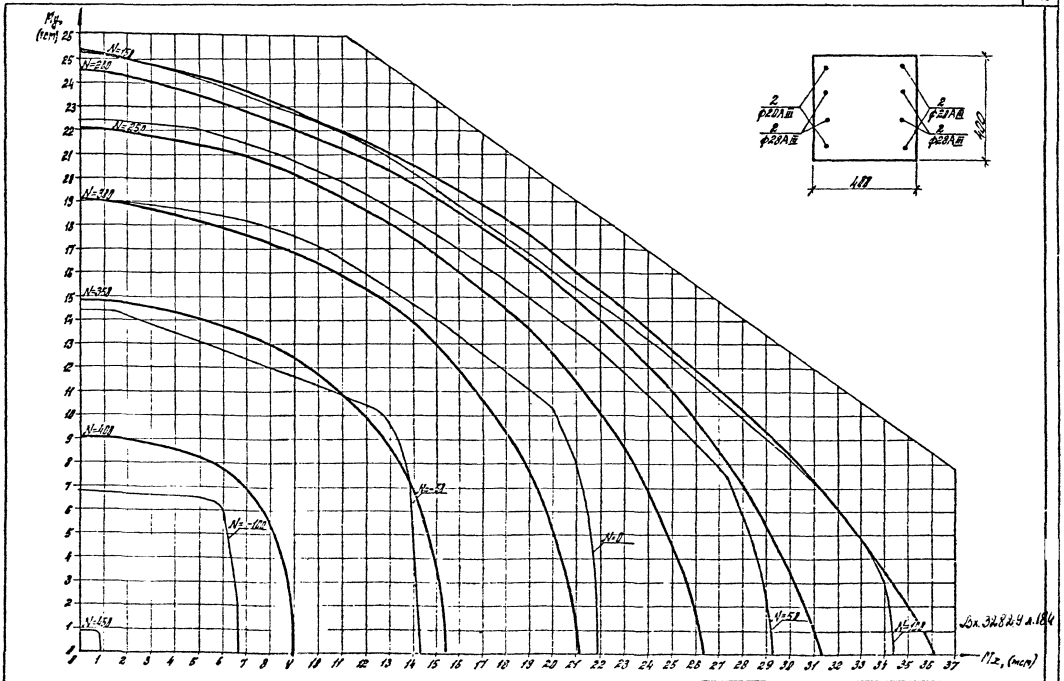




Вх. 32829 л.183

1.020-1/87. 0-6-3 ПЗ

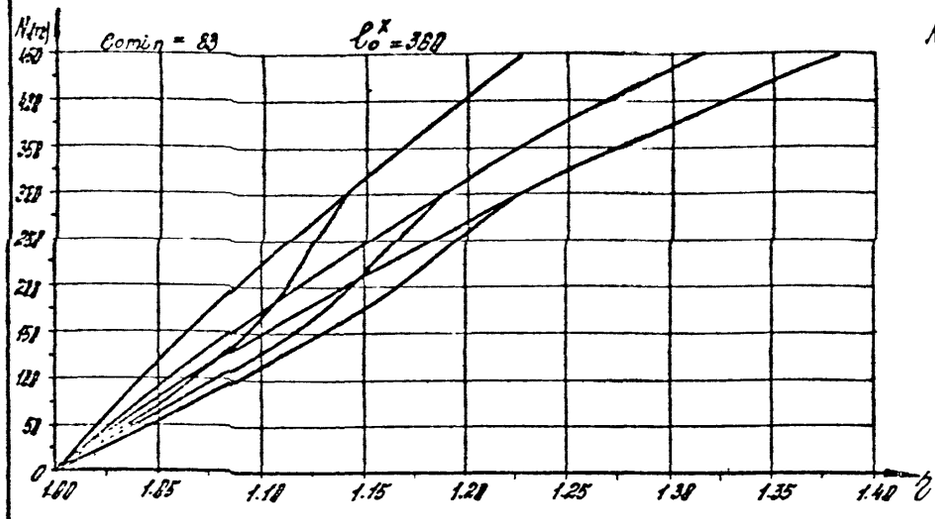
Лист 116

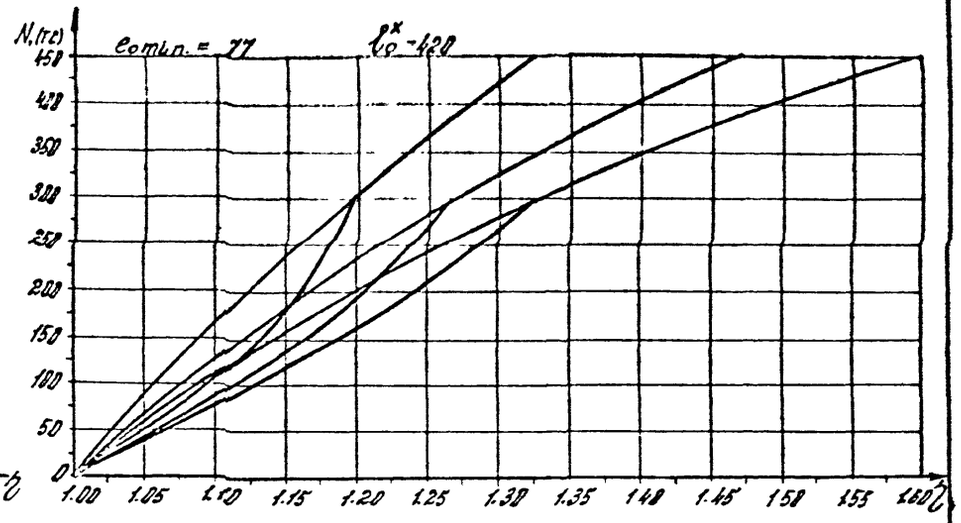


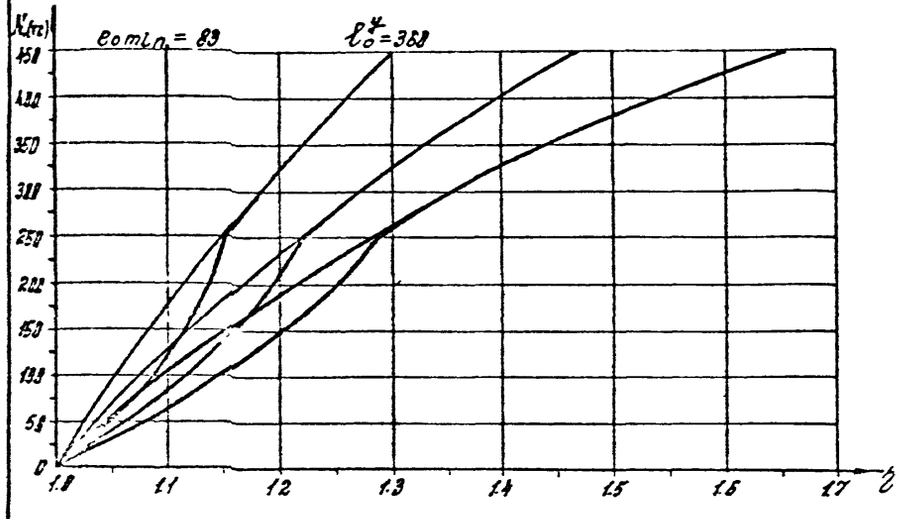
Бх. 32829 л.184

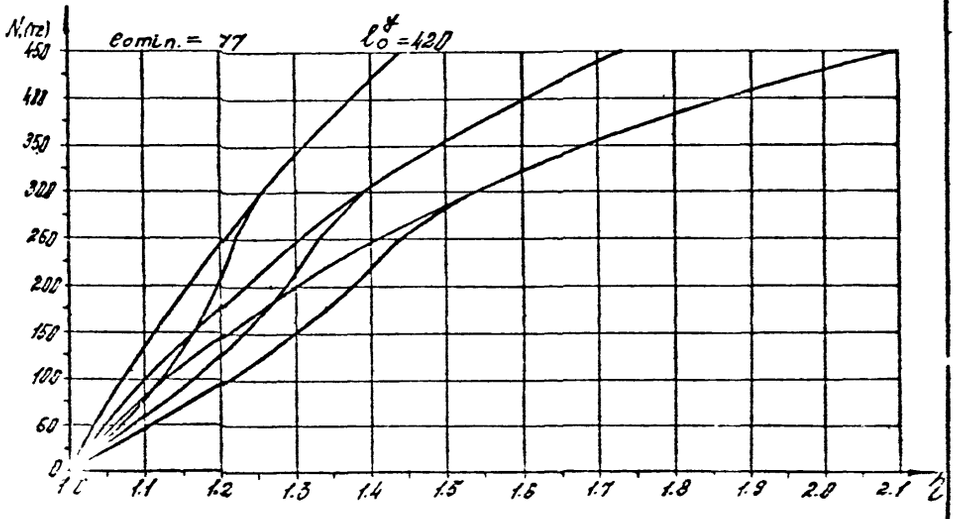
Класс бетона В40 (R_b=201.6 кгс/см² при учете γ_{b2}=0,9)

1.020-1/87. 0-5- ЭПЗ





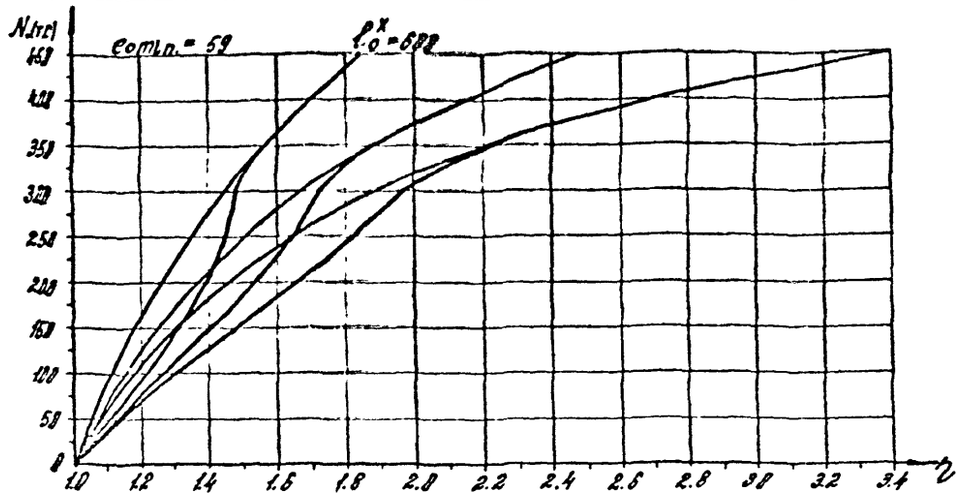


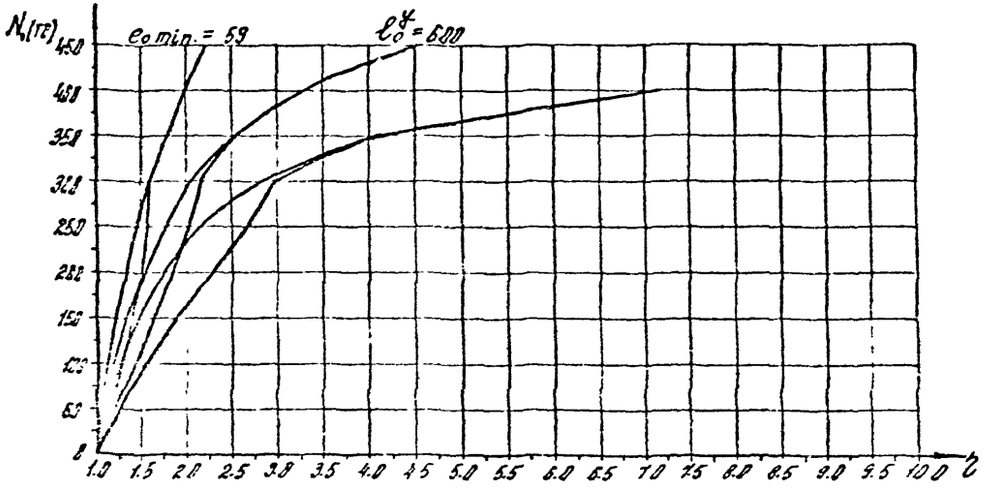


Вх. 32829 л.185

1.020-1/87.0-6-ЗП3

Лист 178

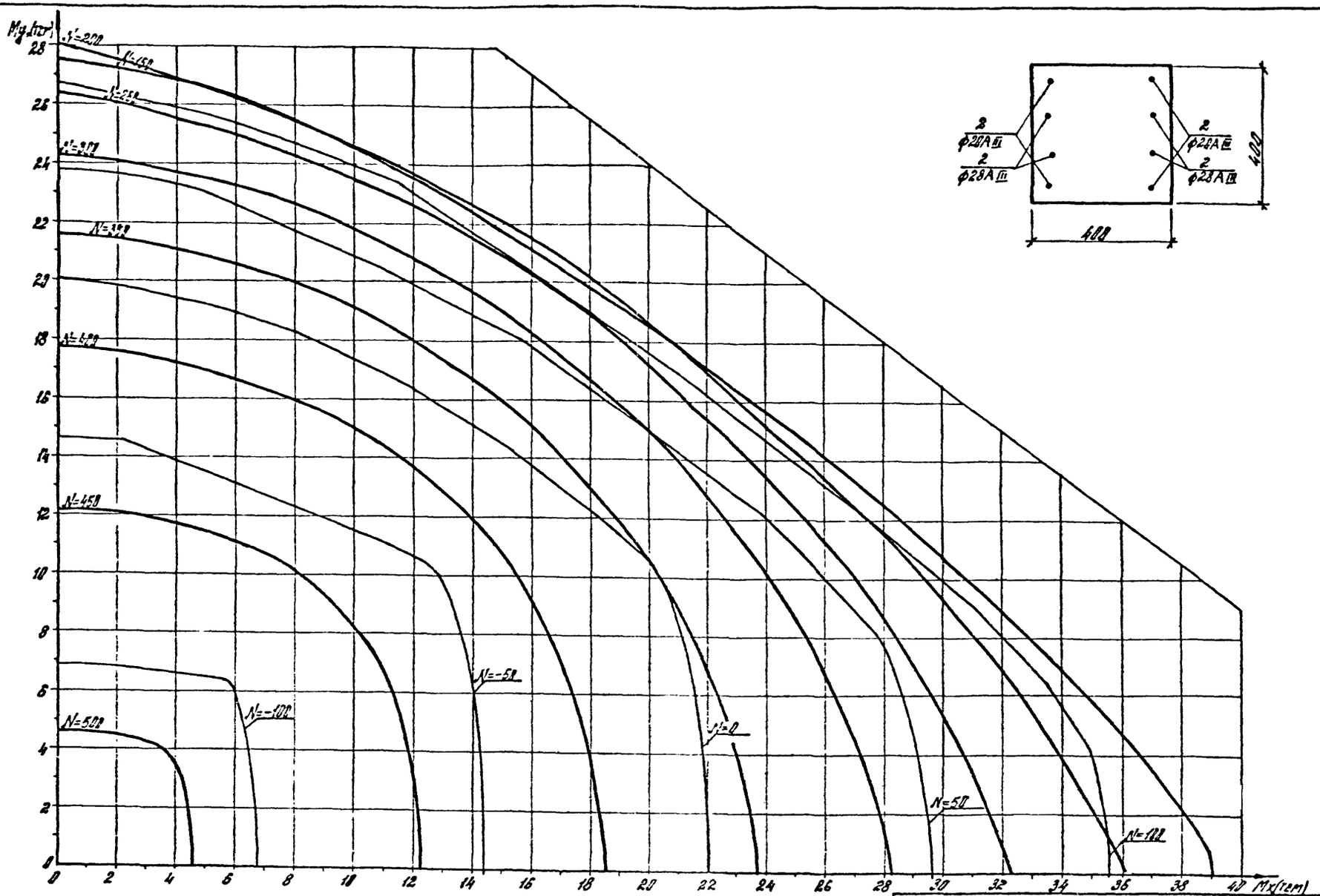




Вх. 32829 л. 186

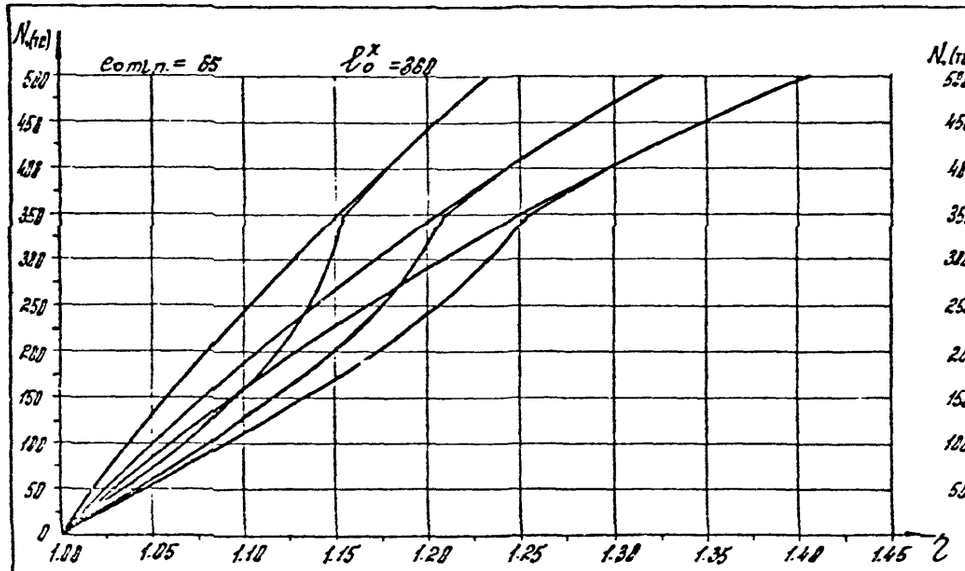
1.020-1/87. 0-6- ЗПЗ

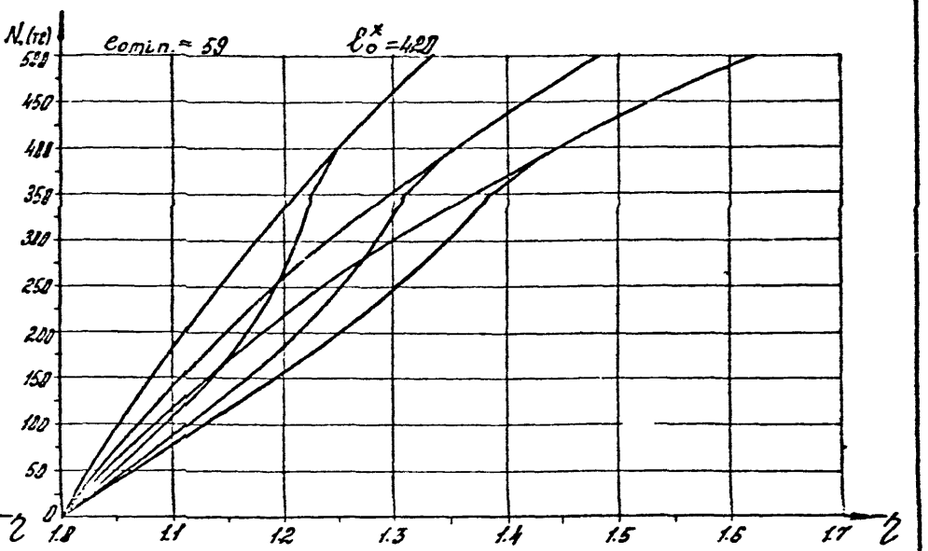
Лист 179

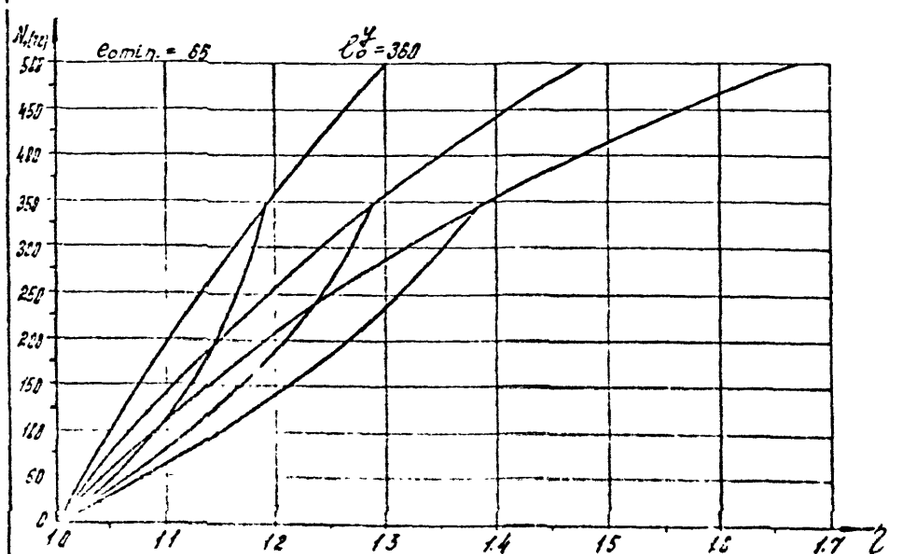


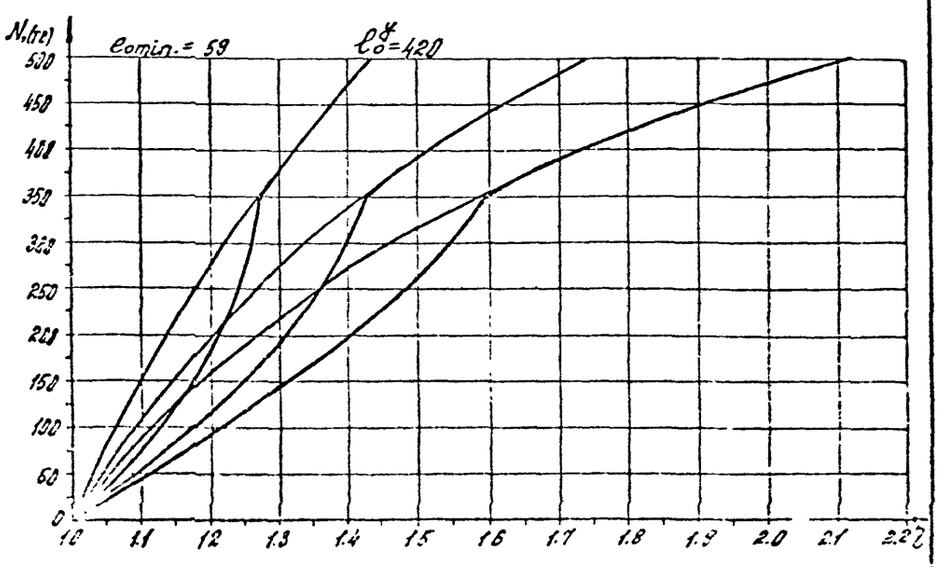
класс бетона В40 (R_b=245.4 кгс/см² при учете γ_{b2}=1.10)

Вх. 32829 л. 187





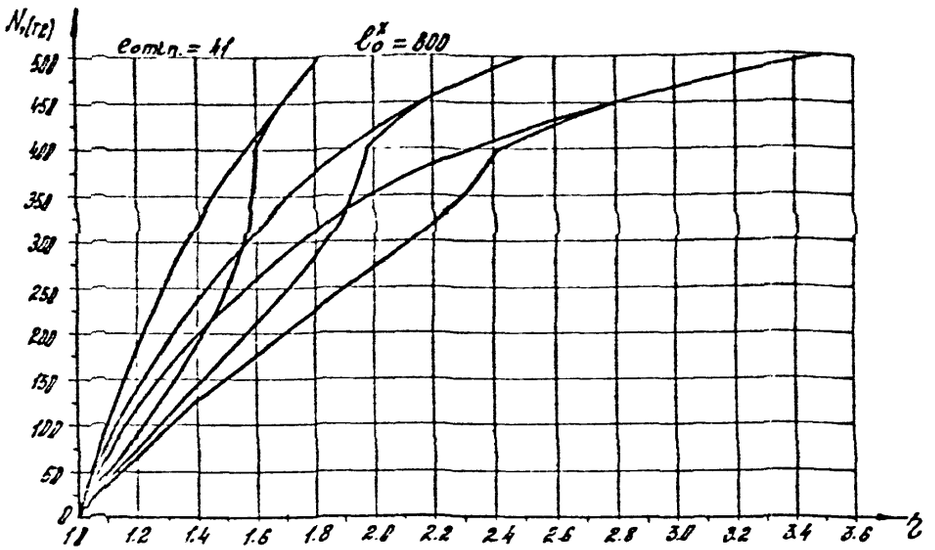


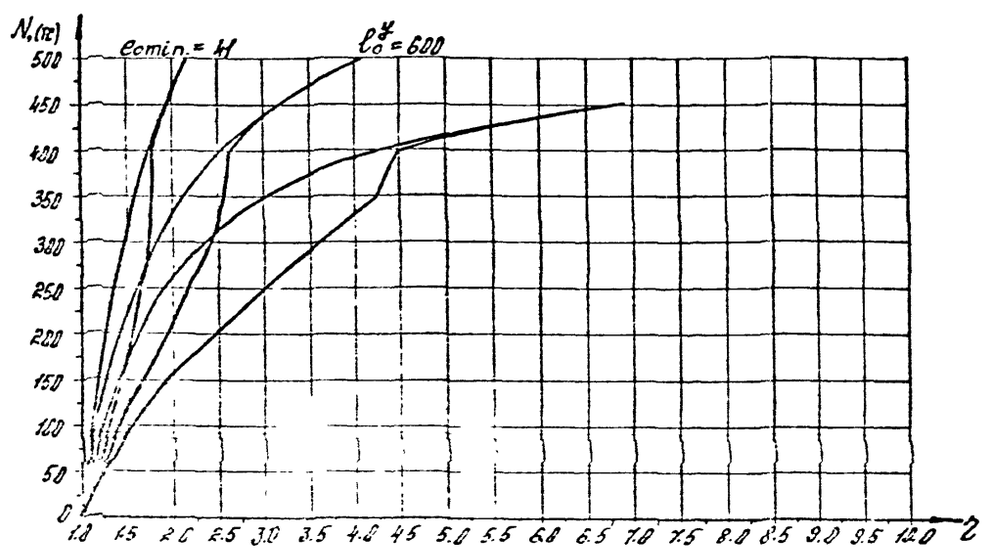


1.020-1/87. 0-6-3 ПЗ

Лист 181

Вх. 32829 л. 188

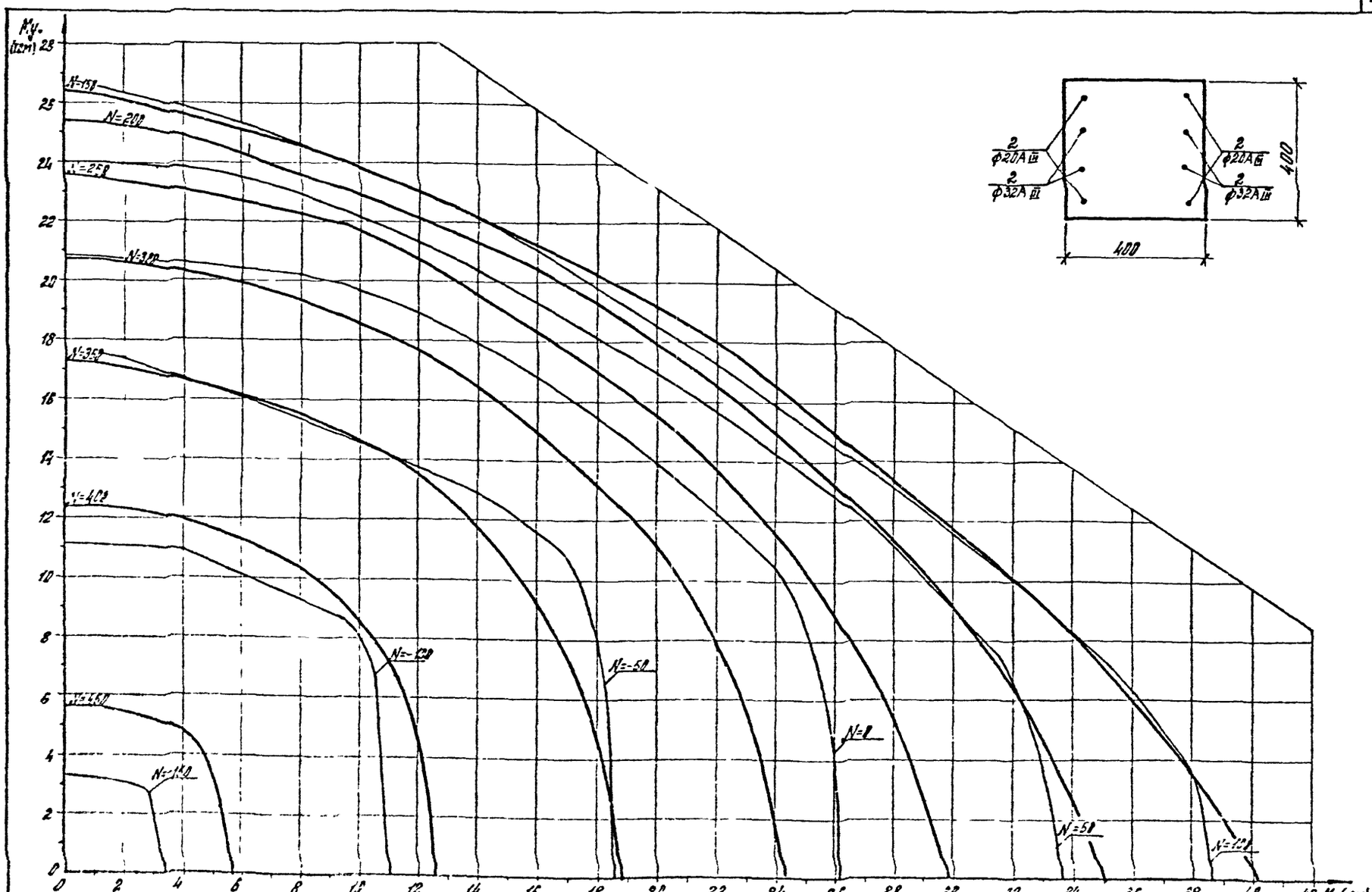




Вх. 32824 л. 189

1.020-1/87.0-6-3 ПЗ

Лист 182

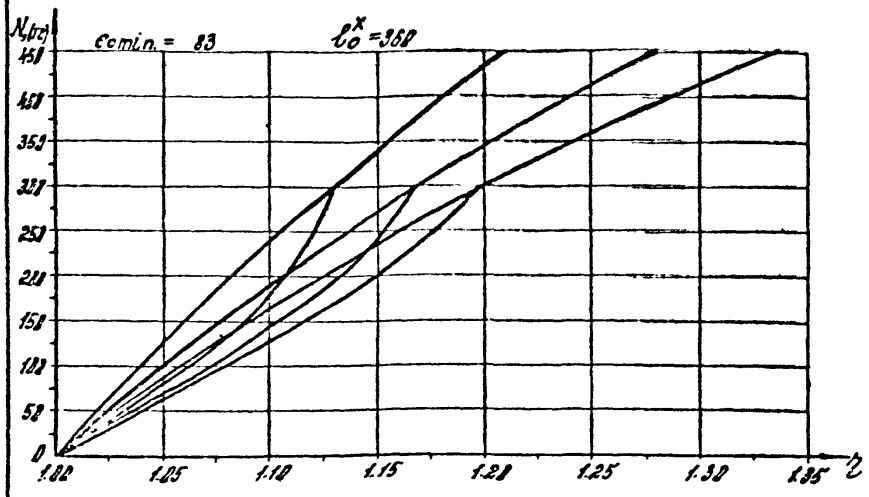


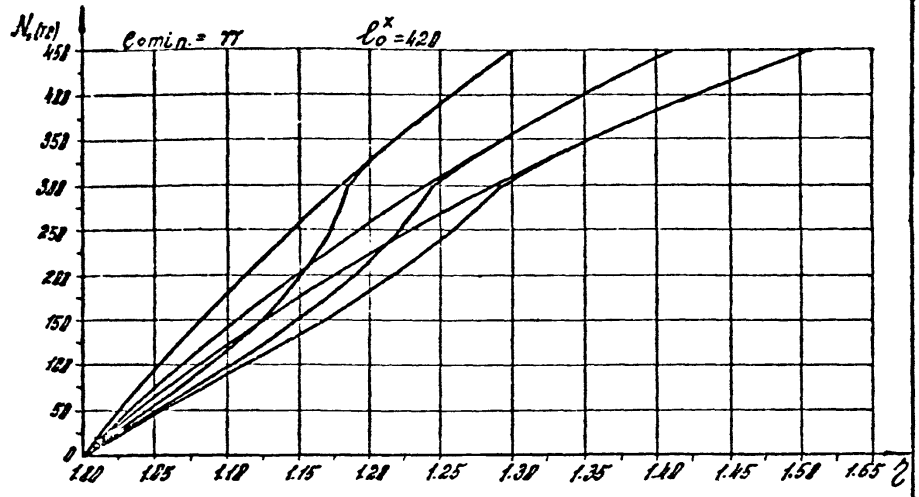
Класс бетона В40 (R_b=201 б[illegible]/см² при учете γ_{b2}=0,9)

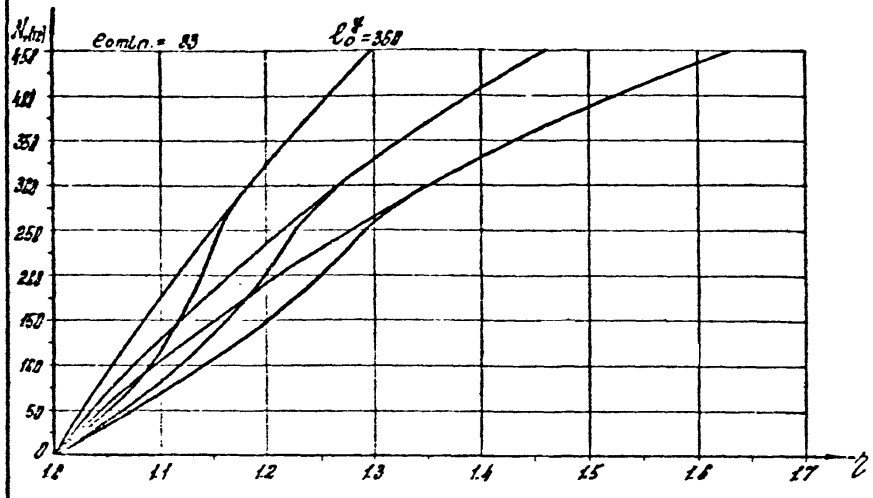
1.020-1/87. 0-6- 3 ПЗ

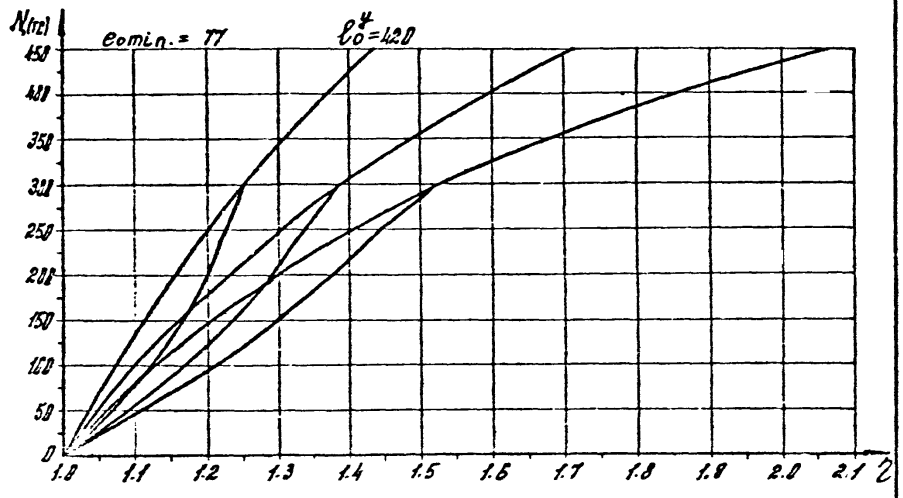
Лист 183

Вх. 32829 л. 190





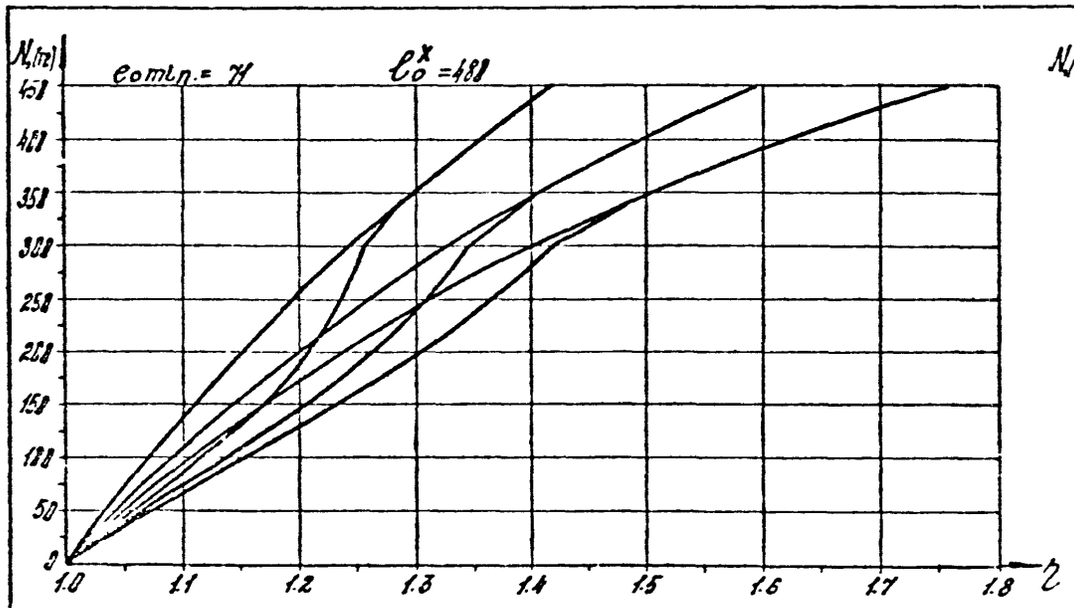


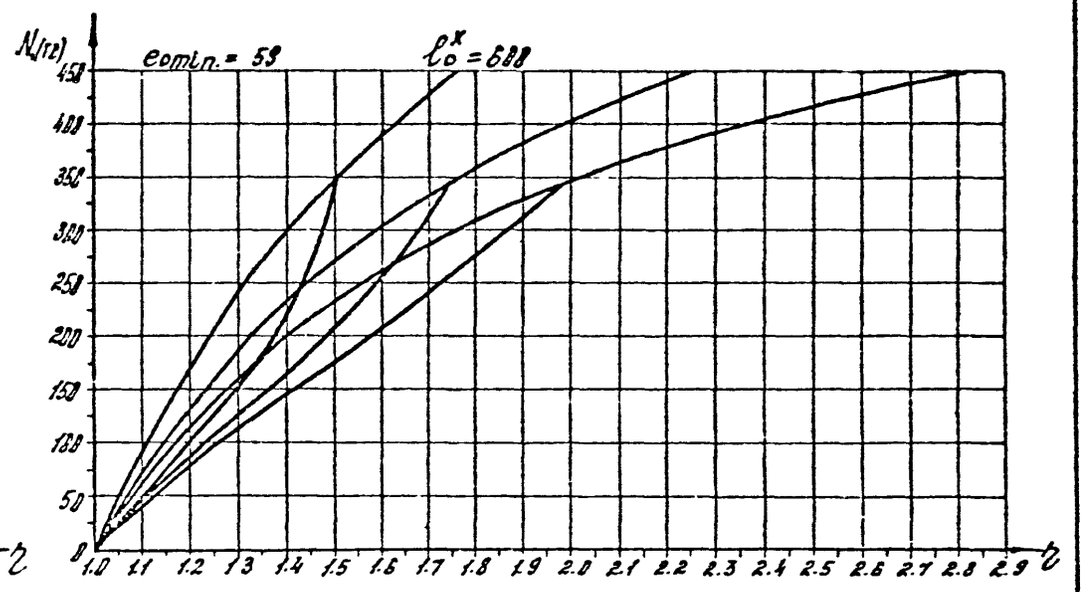


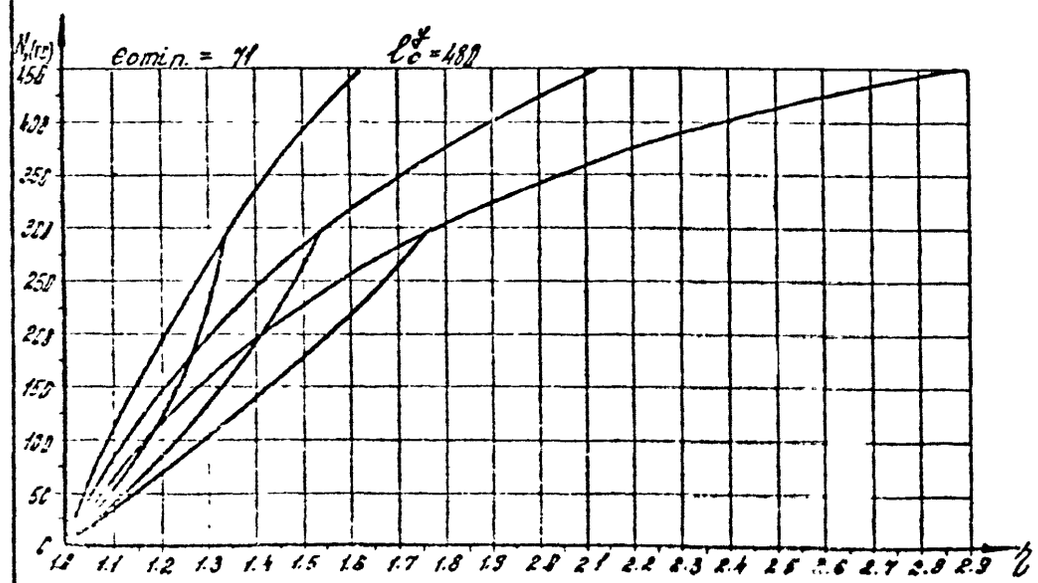
Вх. 32829 л.191

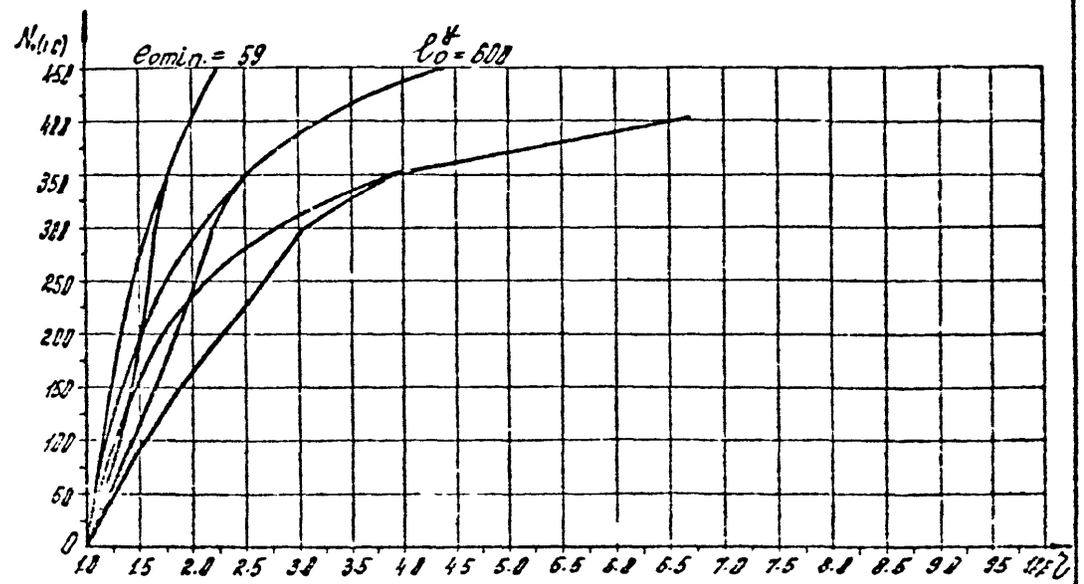
1.020.-1/87.0-6-ЗПЗ

Лист 184









Вх. 32829 л. 192

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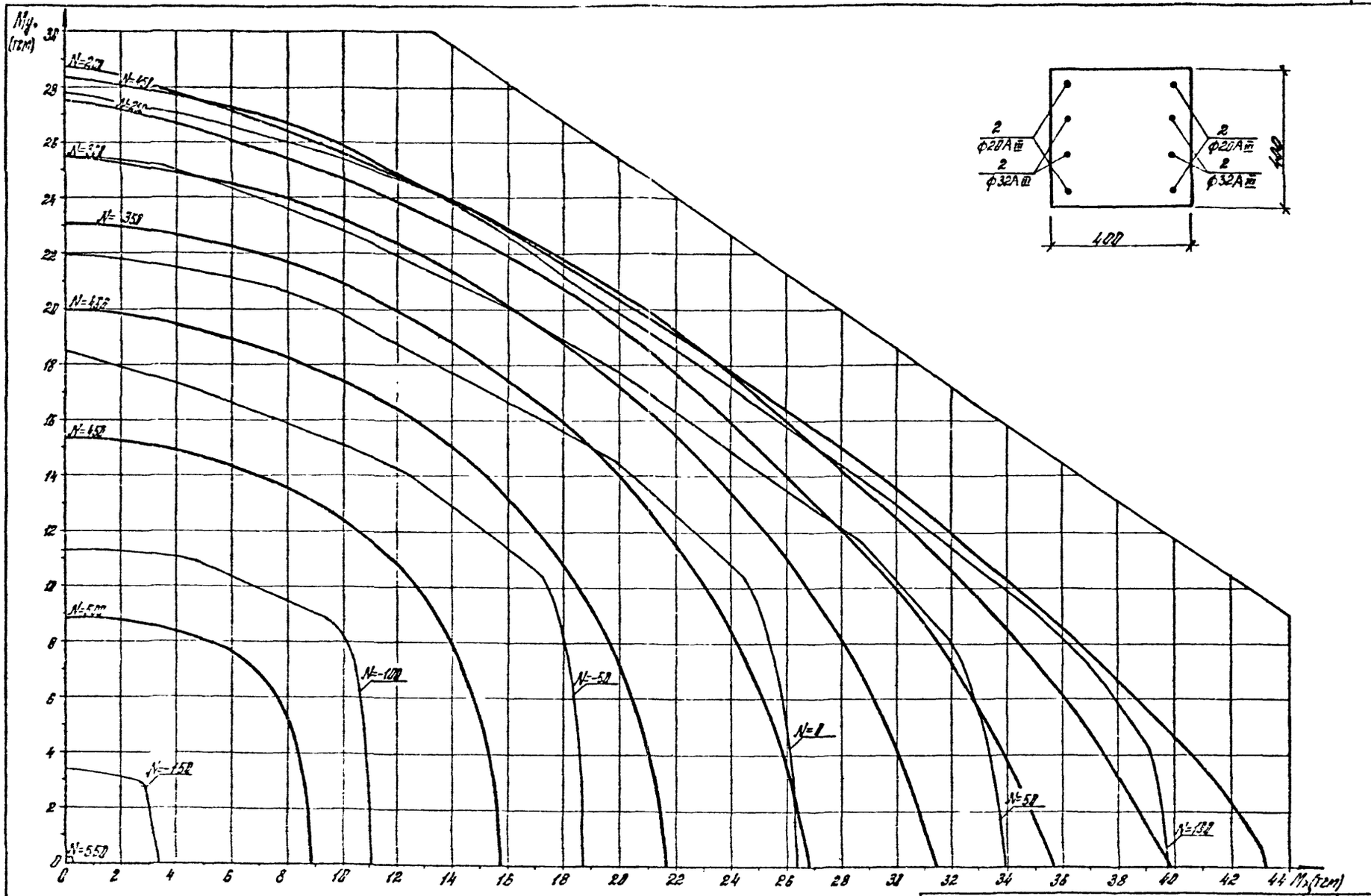
Лист 185

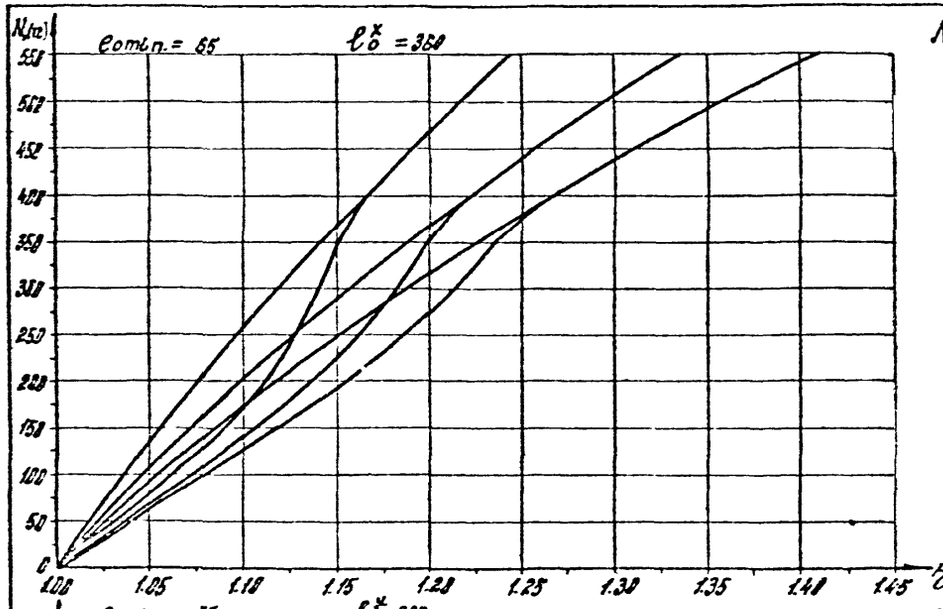


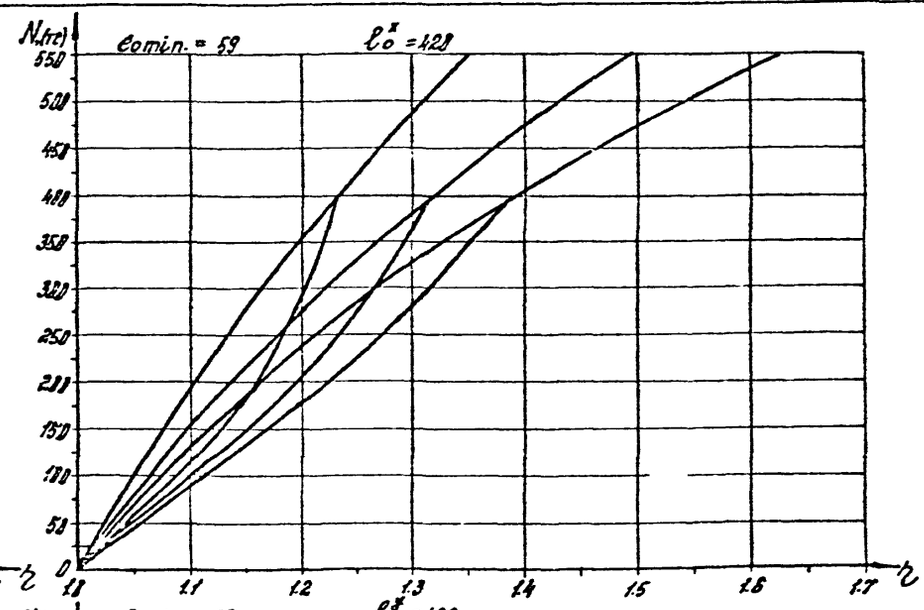
класс бетона В40 (R_b=24Е, 4кгс/см² при учете γ_{b2} = 1.10)

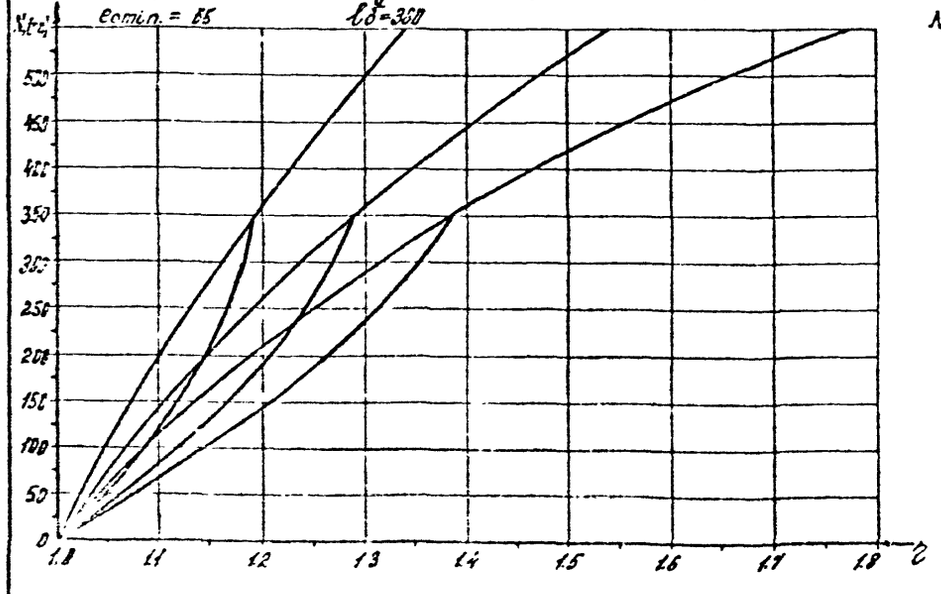
1.020. – 1/87 0-6-3ПЗ

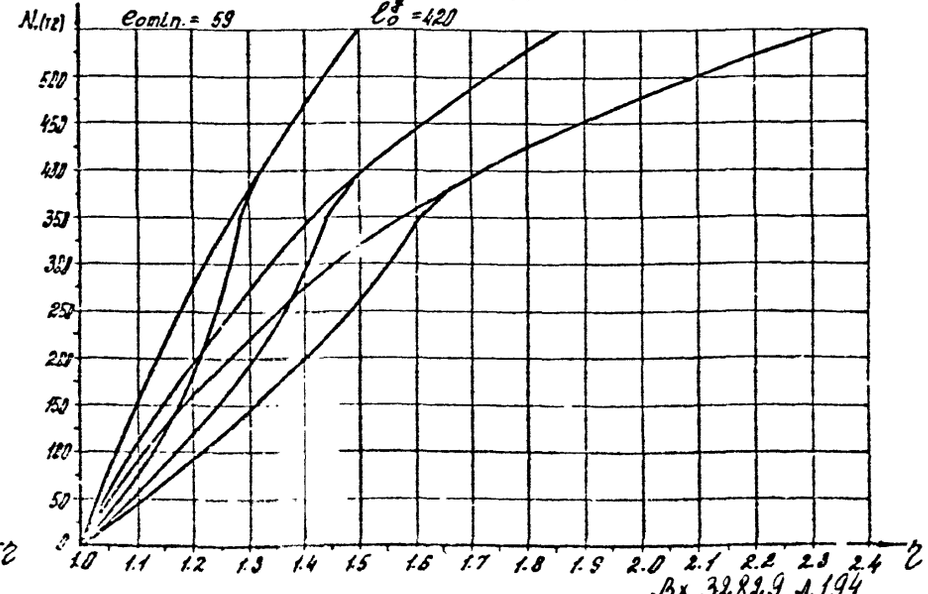
Лист 186

Вх. 32829 л. 193

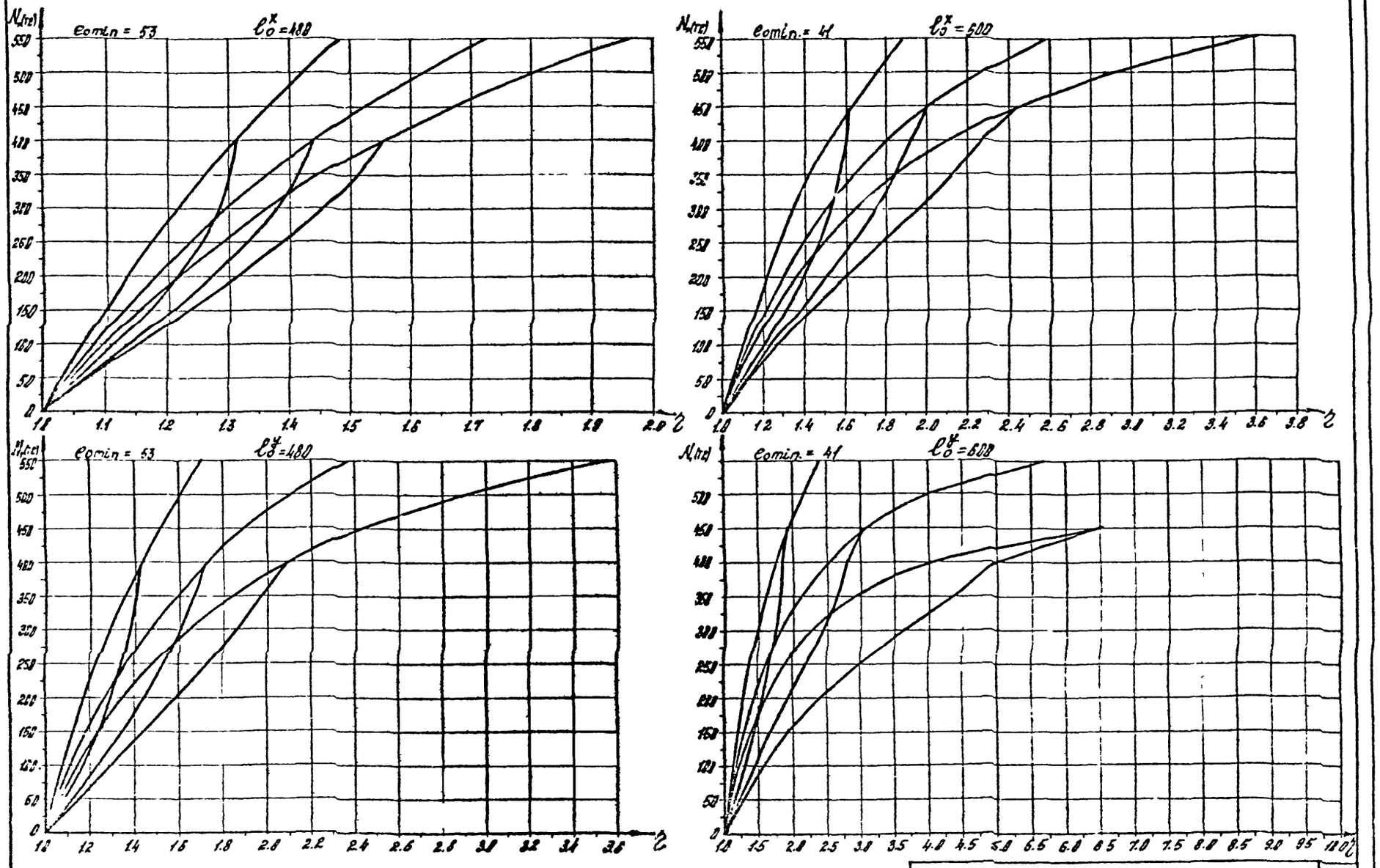








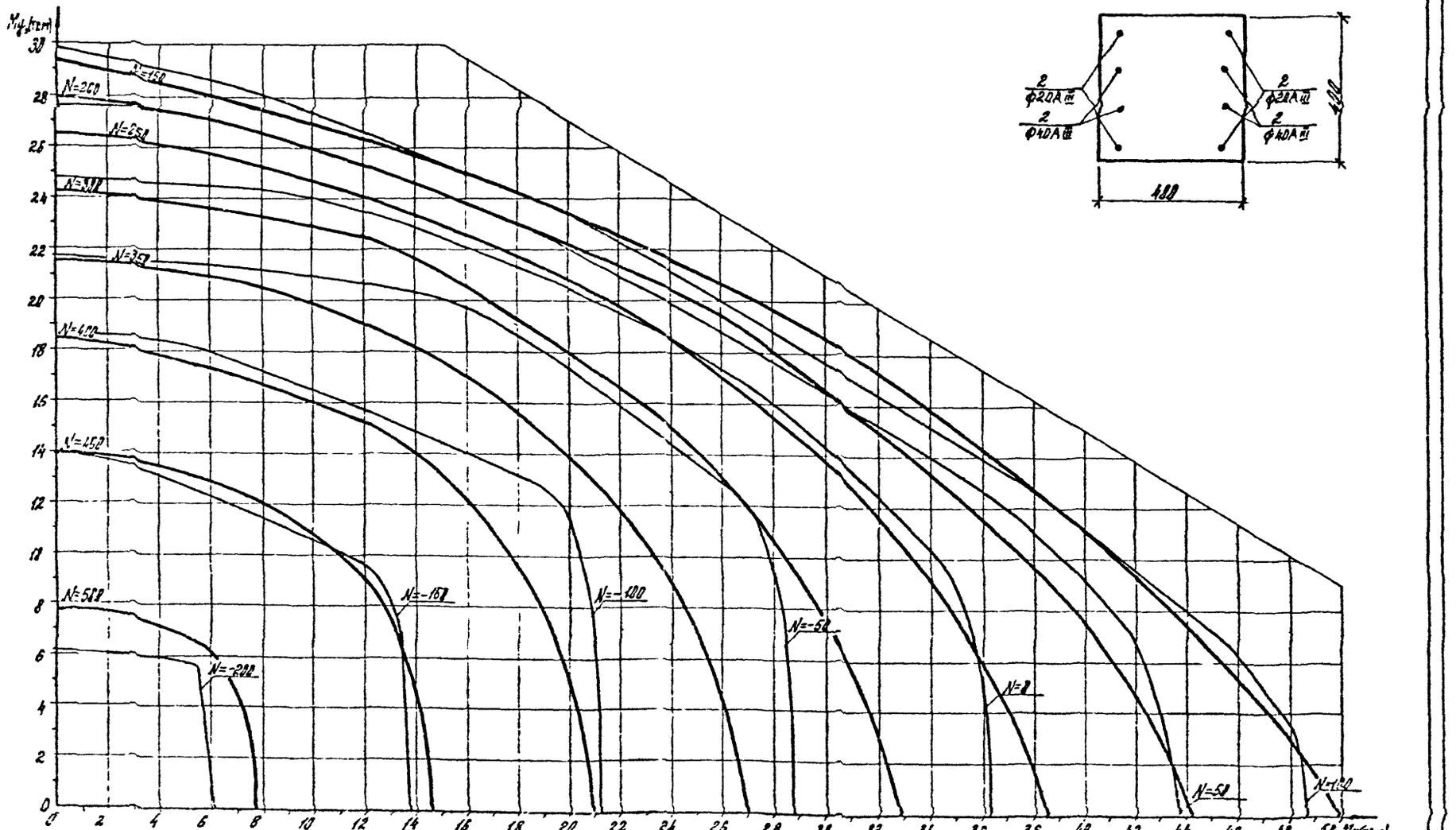
Вх. 32829 л. 194



1.020-1/87.0-6- 3П3

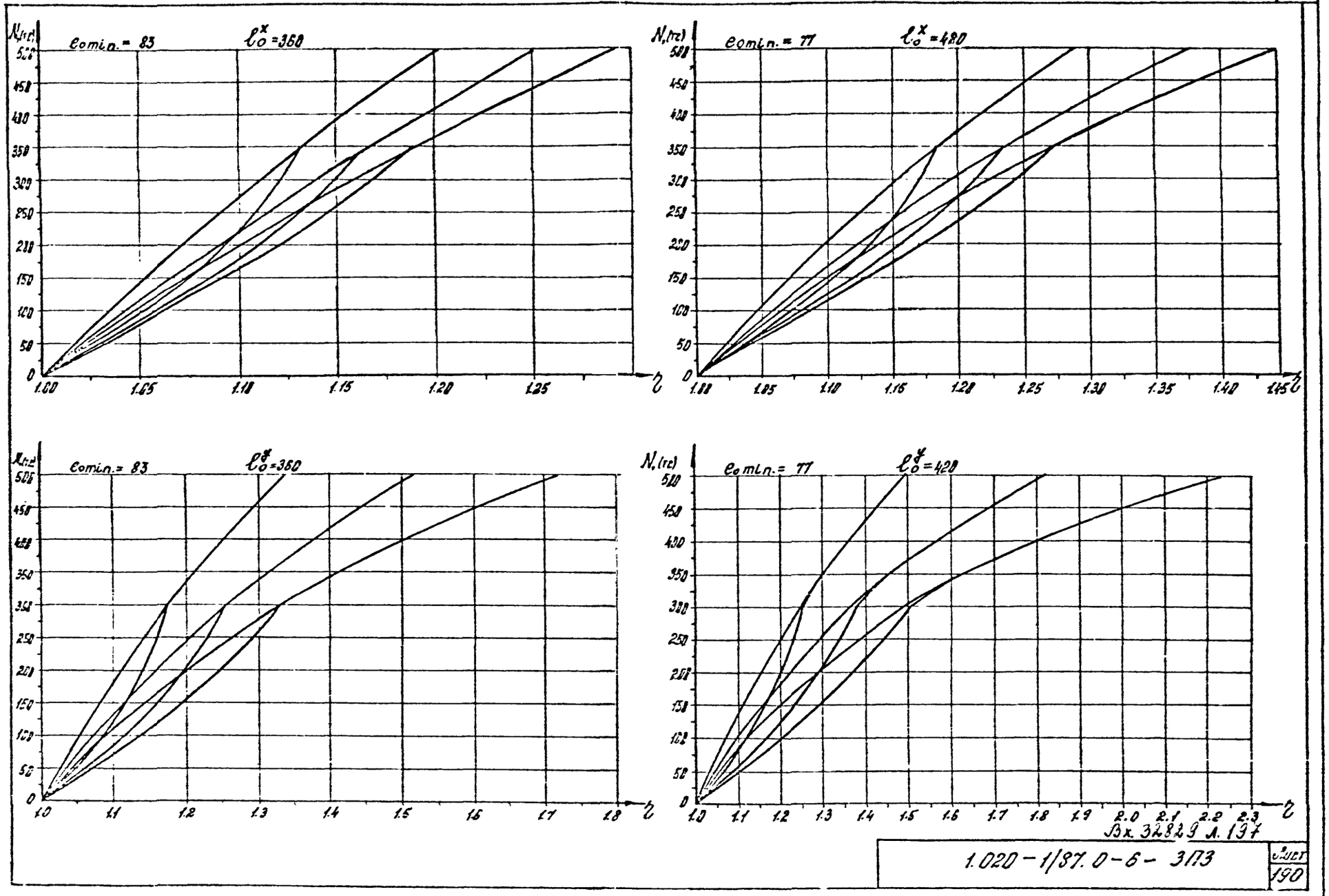
Лист 188

Вх. 3 ... 9 л. 135

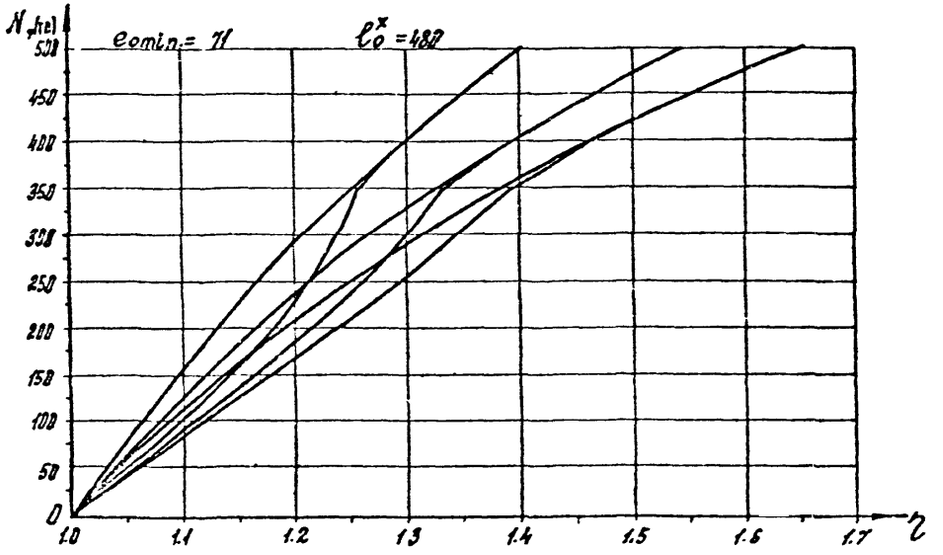


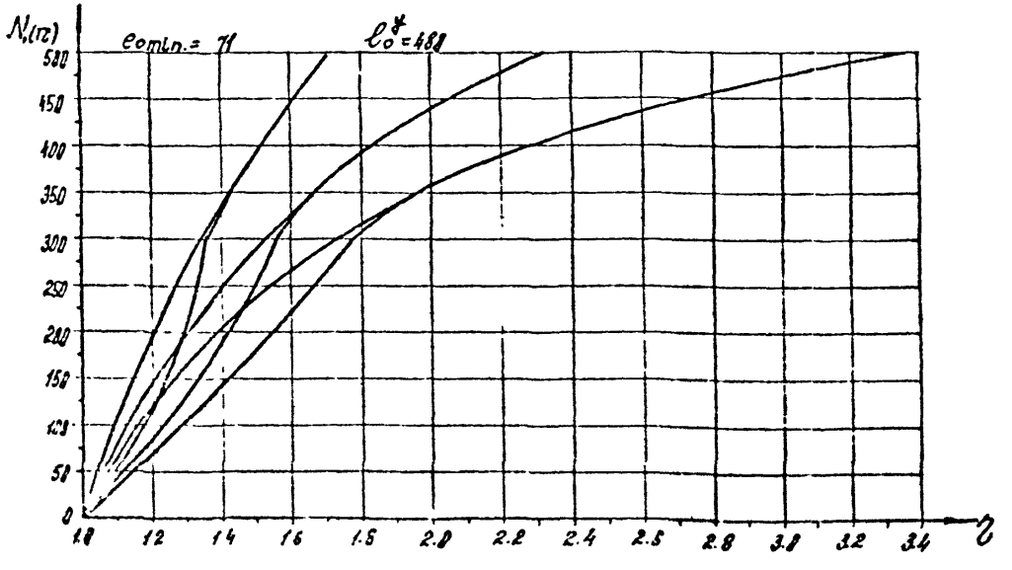
Класс бетона В40 (R_b^0=201.6кгс/см² при учете γ_{b2}=0,9)

Вх. 32.82.9 л. 196

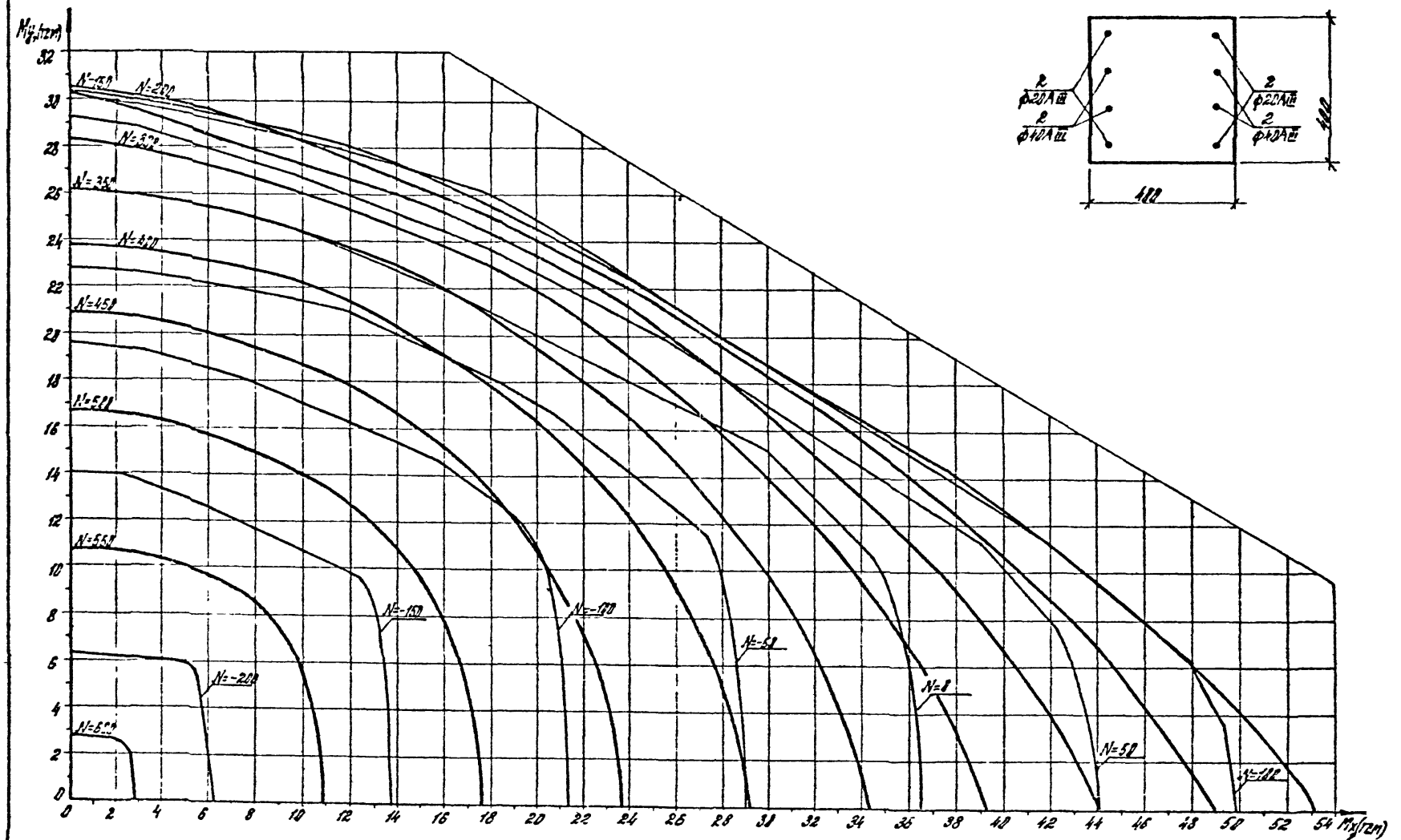


Вх. 32829 л. 197





Вх. 32829 л. 198



класс бетона В40 (R_b^8=246,4 кгс/см² при учете γ_{b2}=1.10)

Вх. 32829 л. 199

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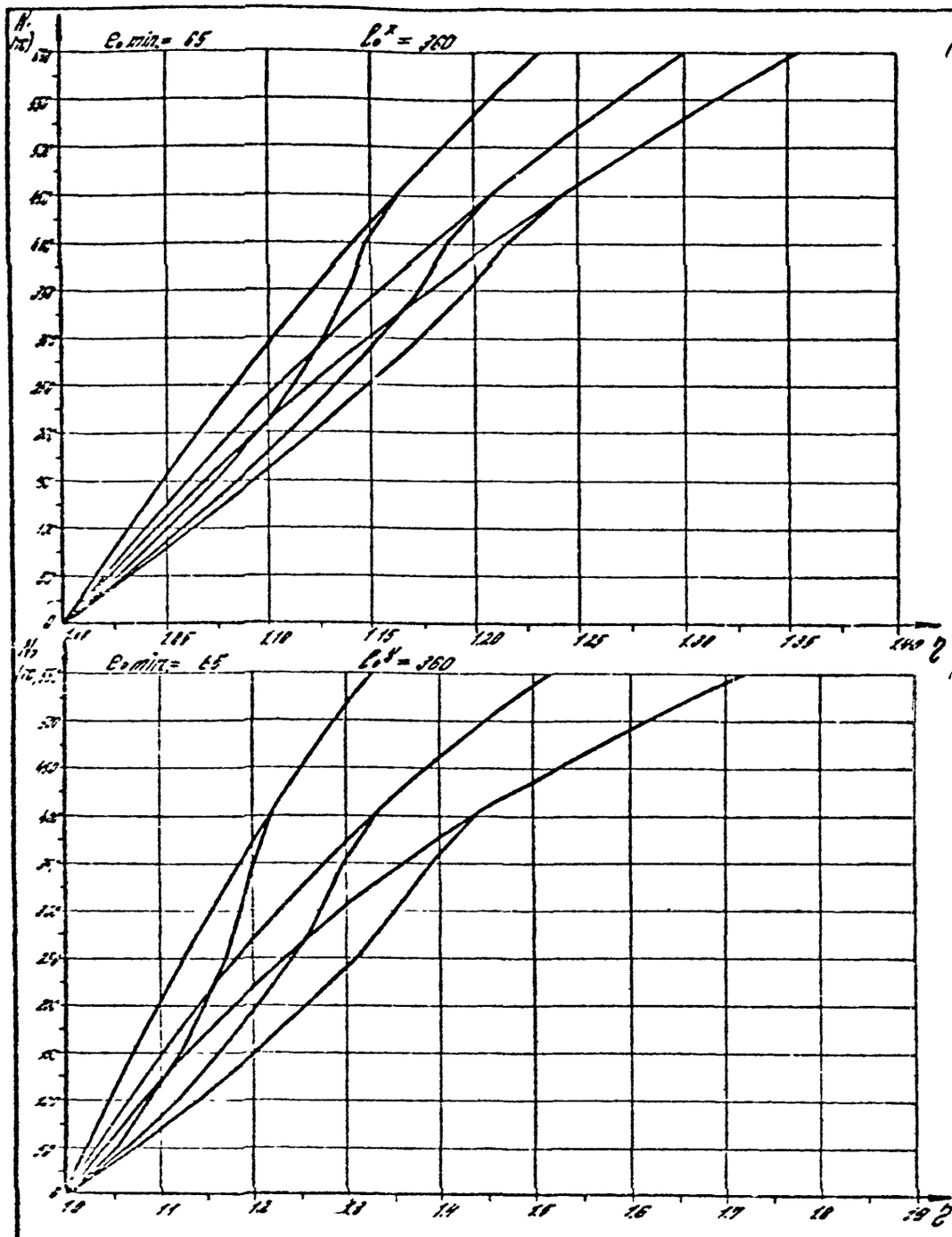
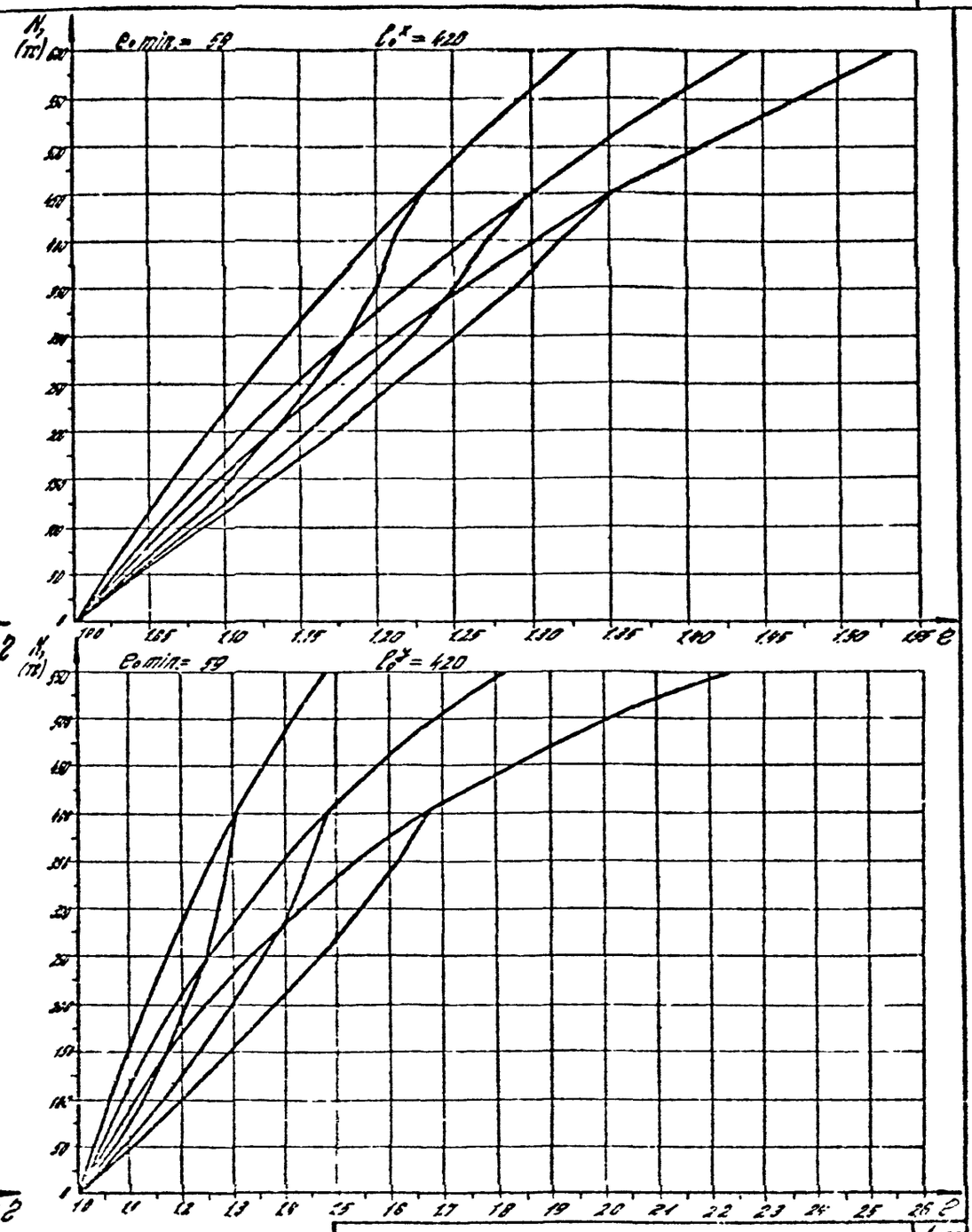
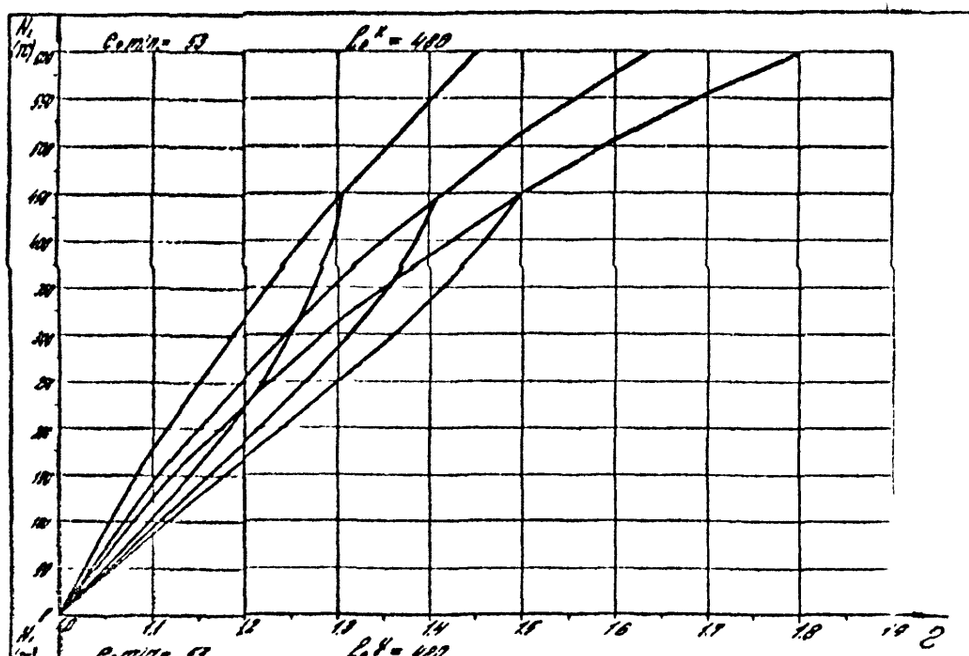
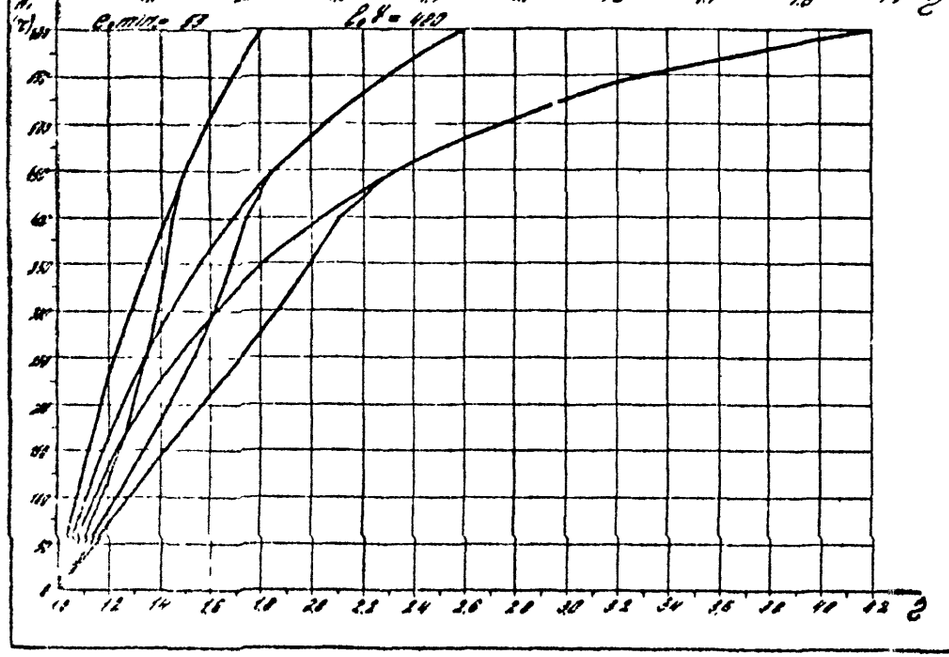
Лист 192


N_1 (тс)
e_0 min = 65
e_0^x = 360
e
N_1 (тс)
e_0 min = 65
e_0^y = 360
e


N_2 (тс)
e_0 min = 59
e_0^x = 420
e
N_2 (тс)
e_0 min = 59
e_0^y = 420
e





Вл. 32829 л. 201

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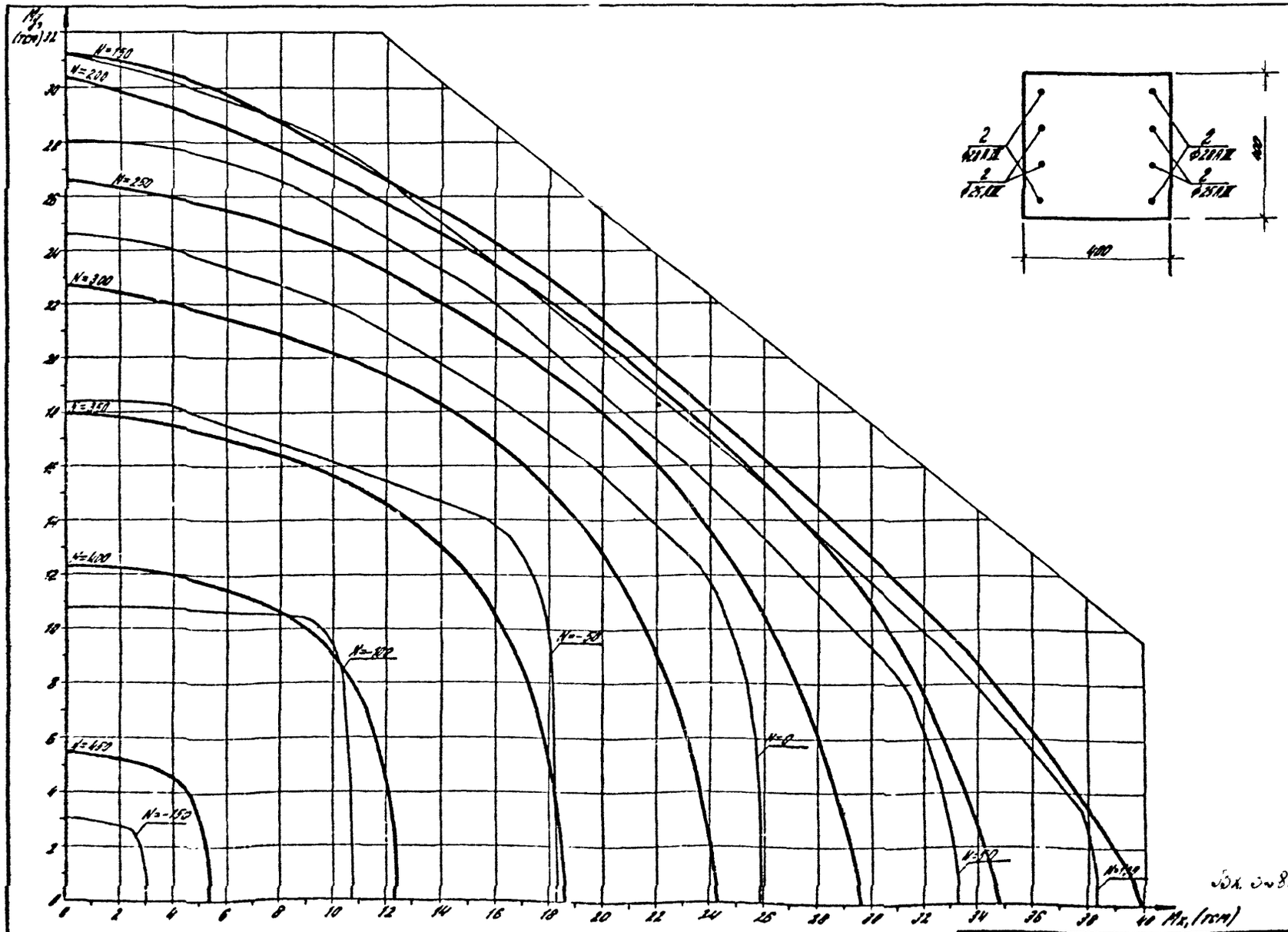

Класс бетона ОНО ($R_в$=201.5 кгс/см² при учете $\gamma_{в2}$=0,9)

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