

ТИПОВЫЕ КОНСТРУКЦИИ, ИЗДЕЛИЯ И УЗЛЫ ЗДАНИЙ И СООРУЖЕНИЙ

СЕРИЯ 1.020.1-4

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

выпуск 0-9

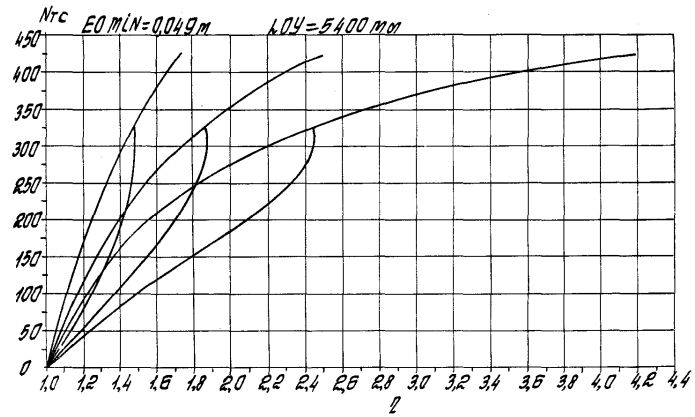
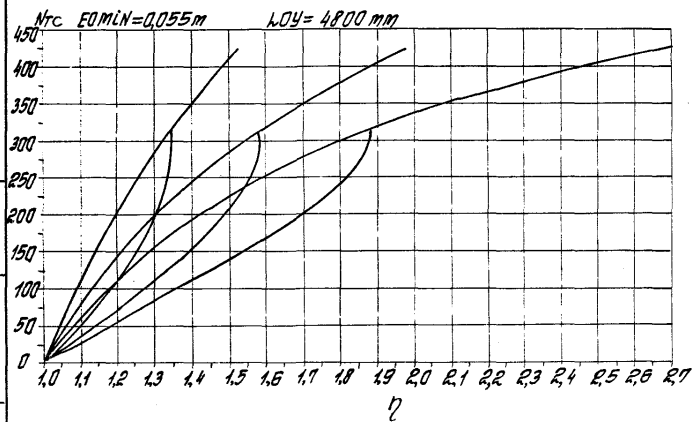
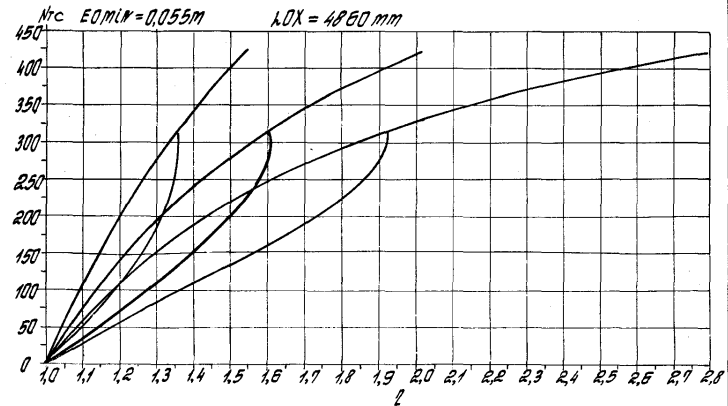
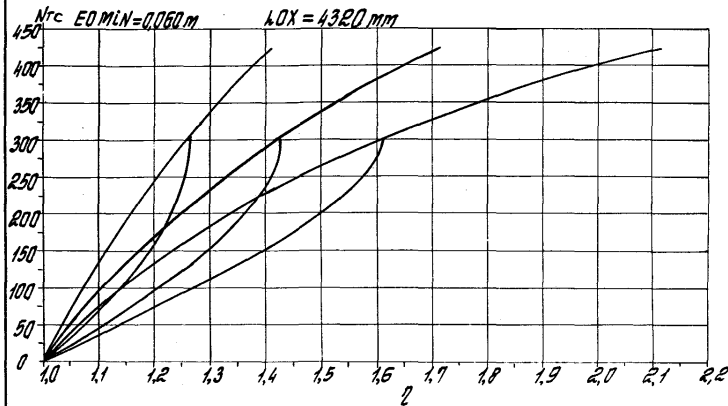
Указания по подбору элементов каркаса.

(вариант армирования изделий сталью классов Ат-IVС и Врп-I).

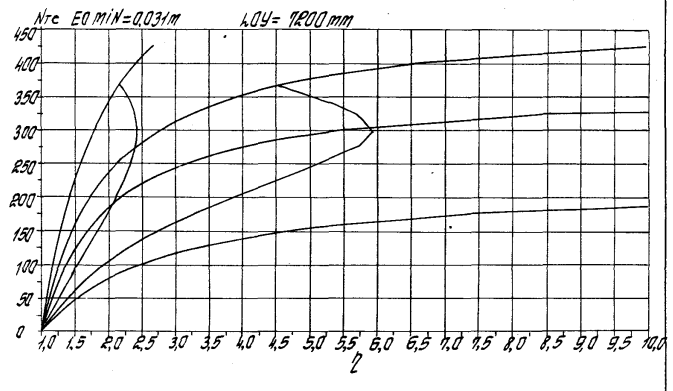
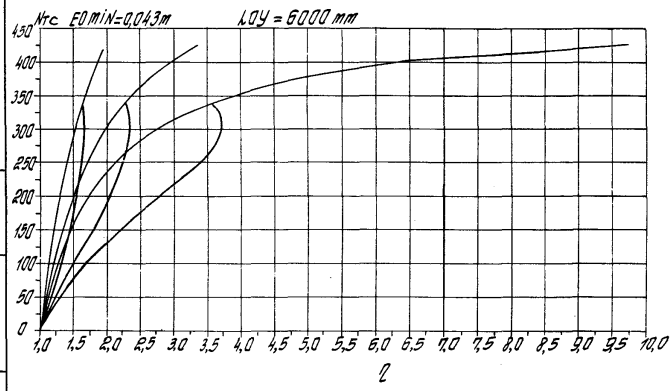
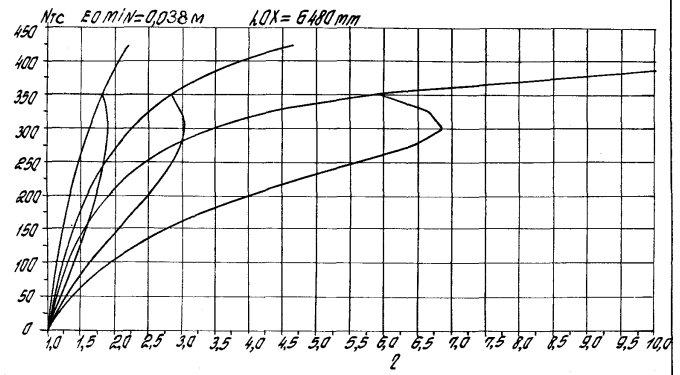
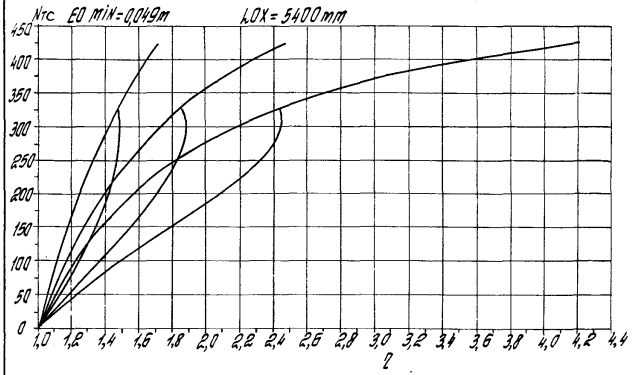
часть 1 книга 2 (стр. 57÷111)

стр. 1÷111

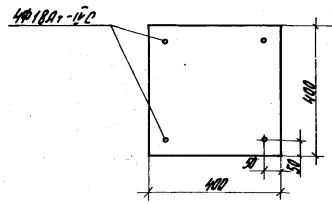
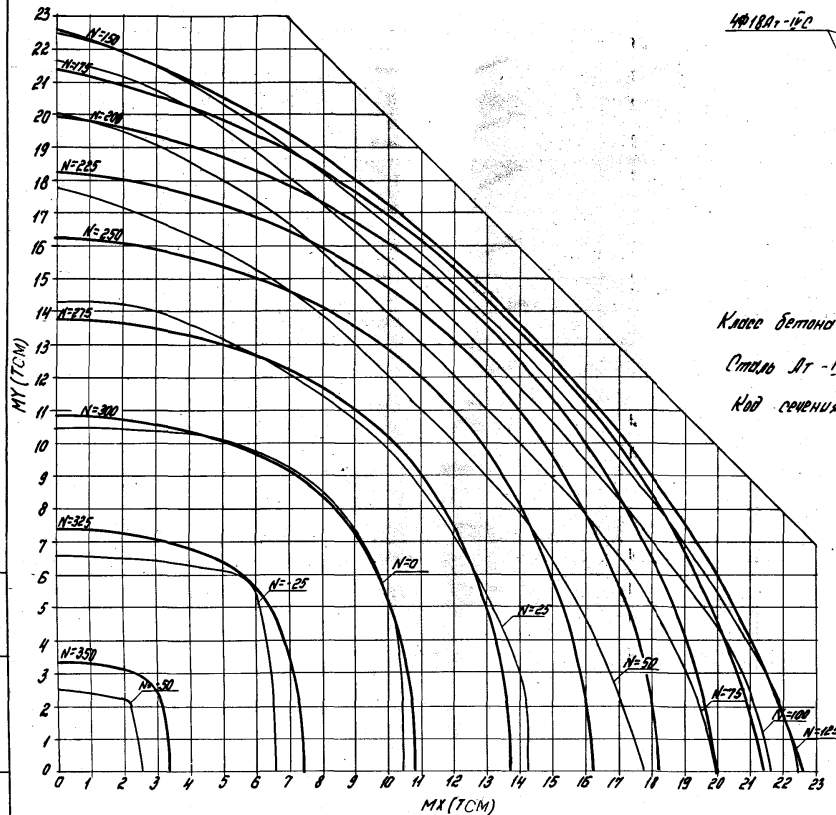
ОКОНЧАНИЕ
24166-01



MATERIALE: ALUMINIO 1000 (ALU 1000)



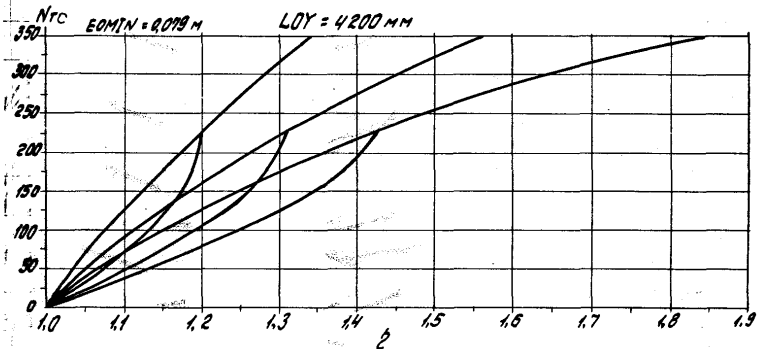
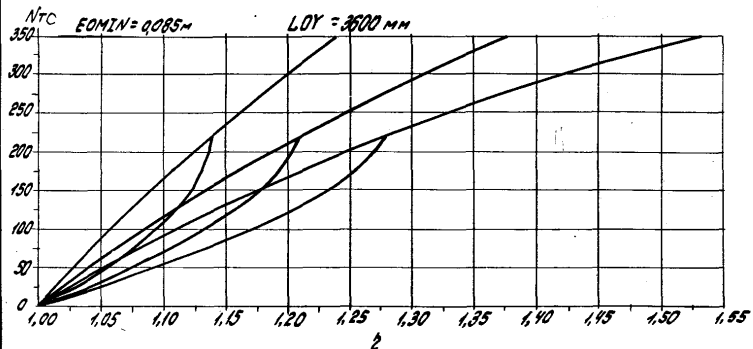
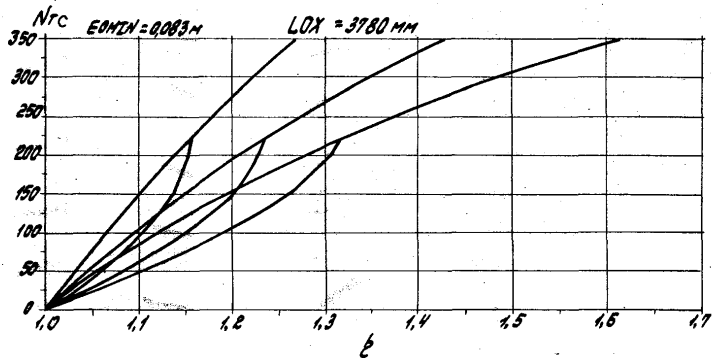
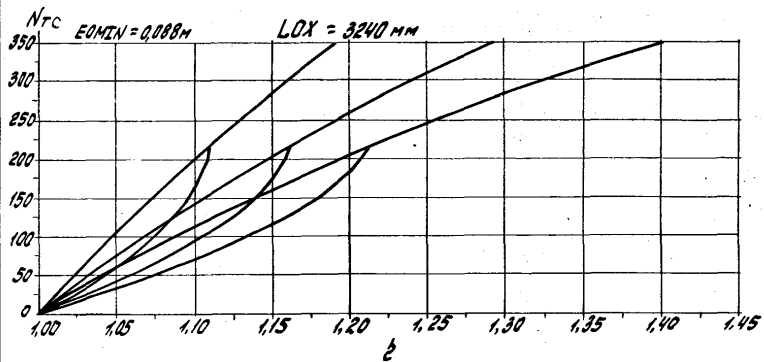
L'AL. N° 10004 10/10/00



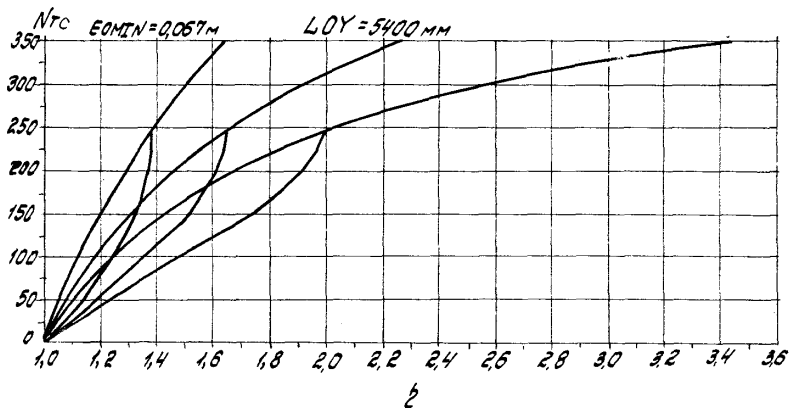
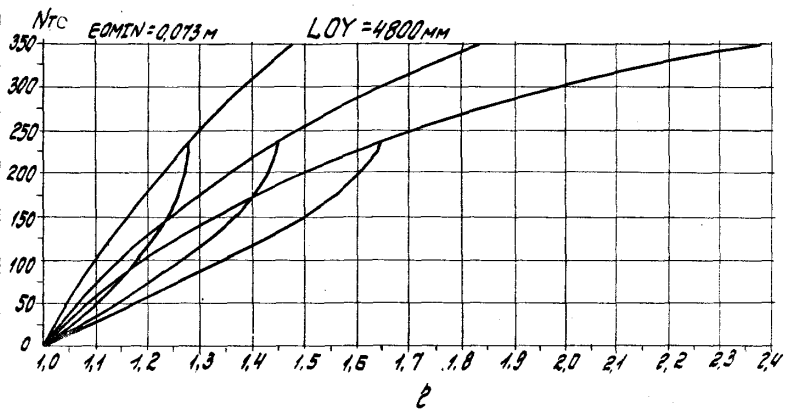
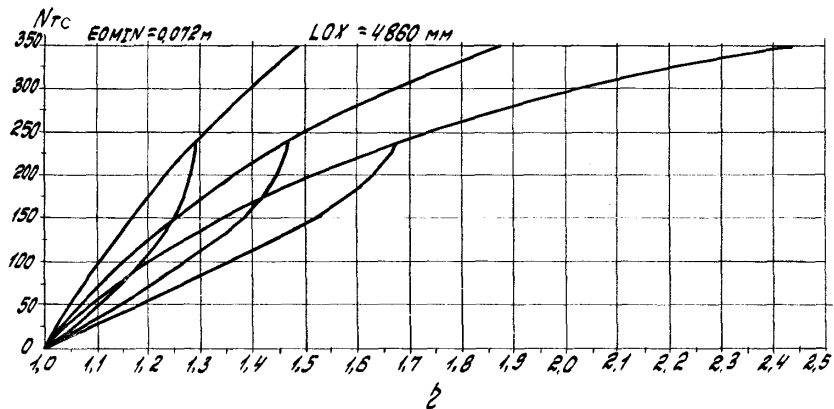
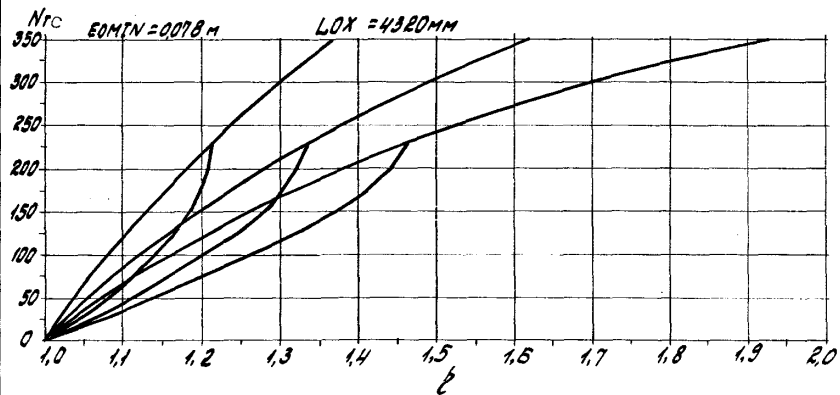
Класс бетона В400 ($R_R = 19,8 \text{ МПа}$; $\gamma_{R2} = 0,90$)

Сталь АТ-100

Код сечения - 1065



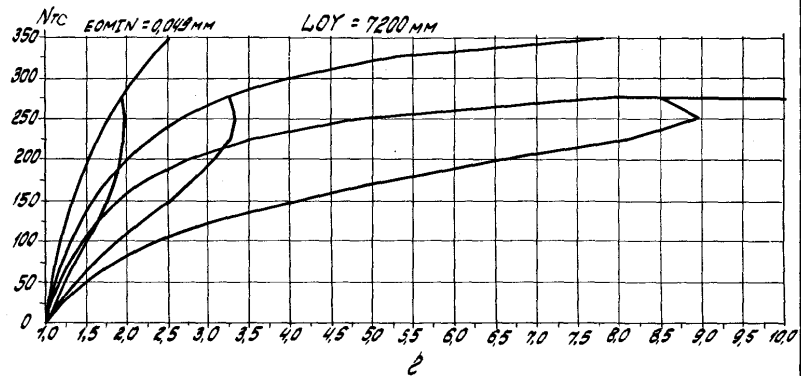
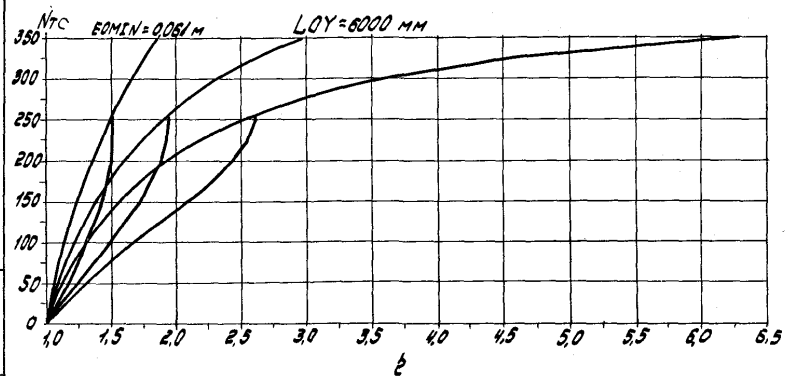
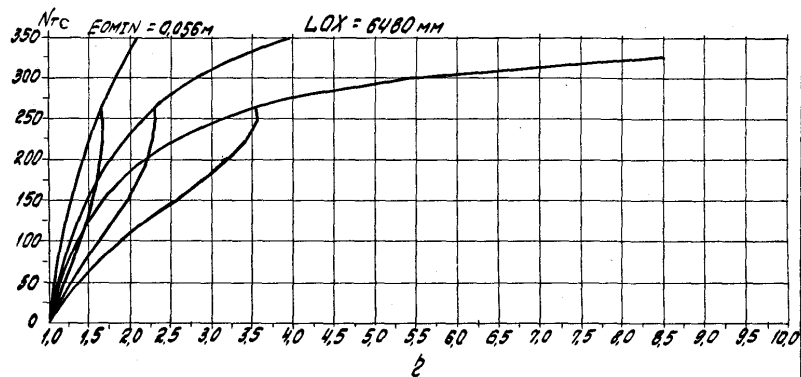
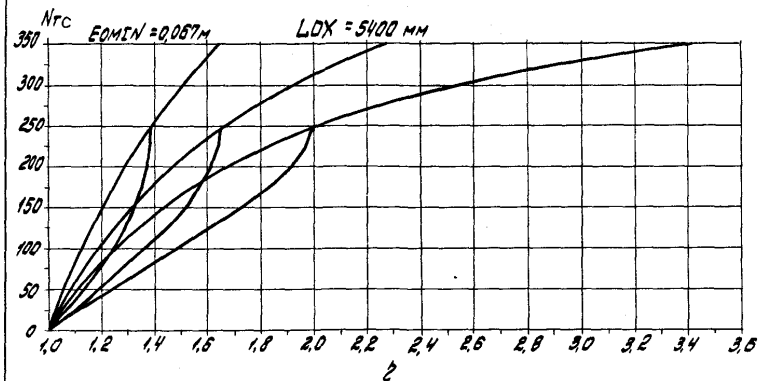
Nrc vs b, EDMIN, LOX, LOY



1.020 1-4

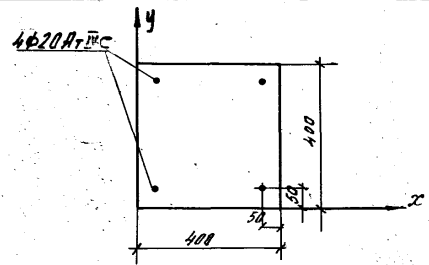
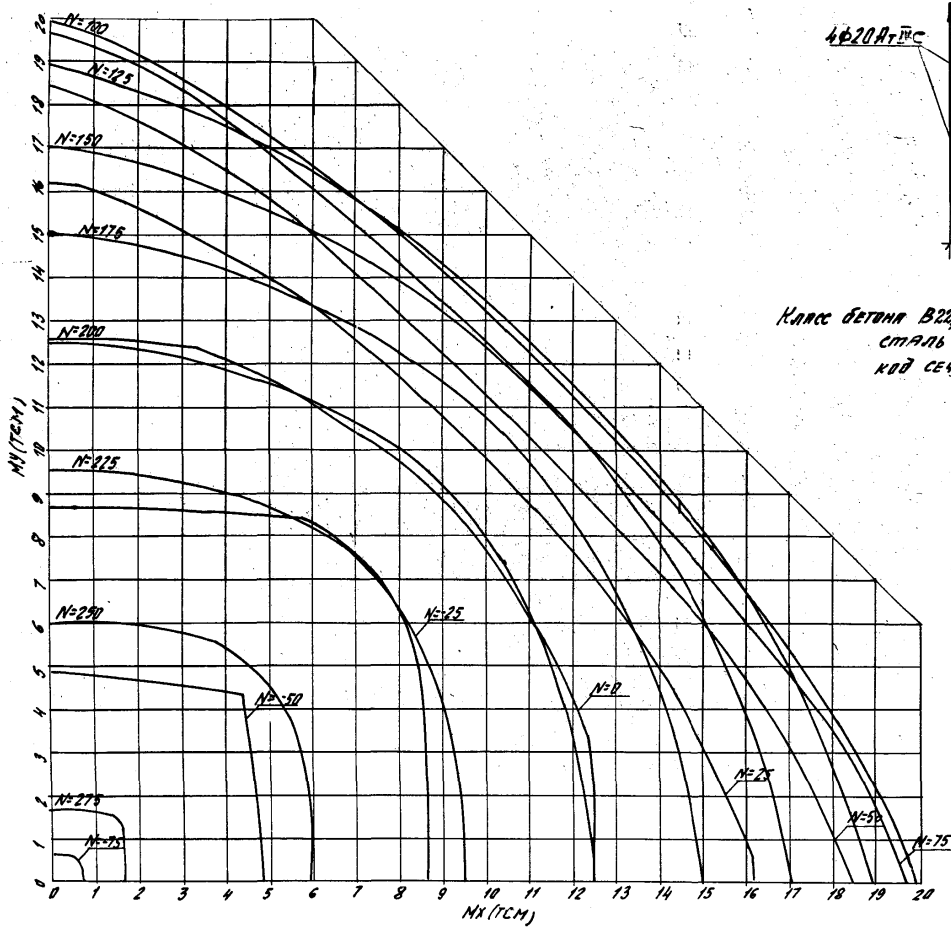
0-9002 47

0227

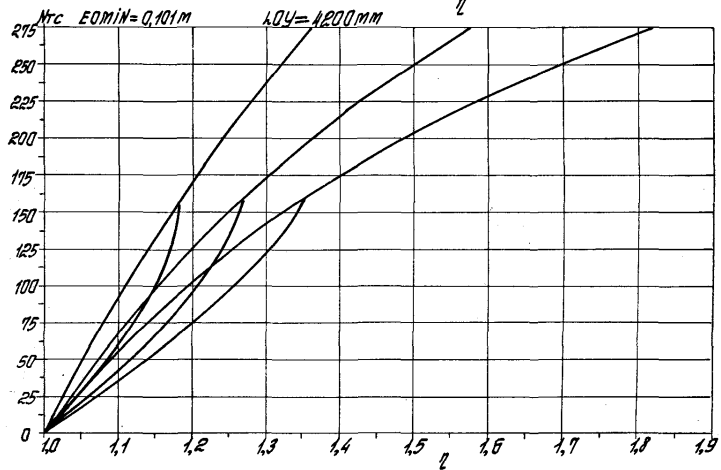
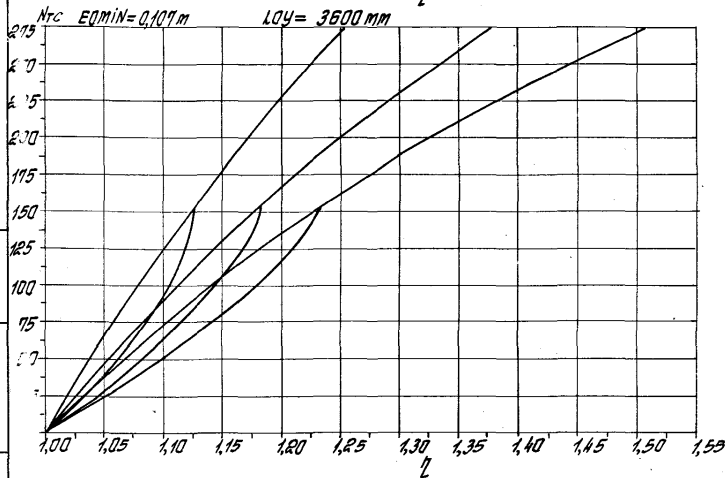
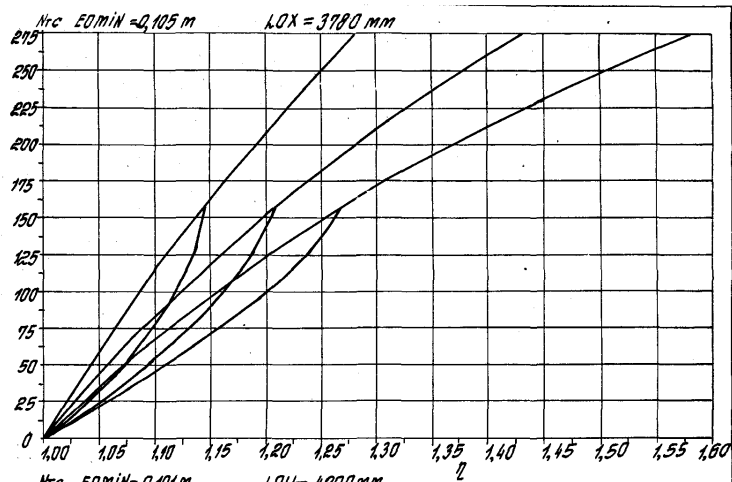
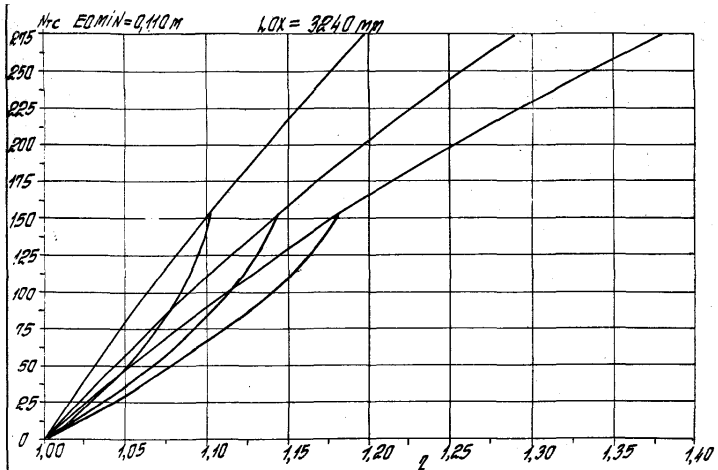


48000 мм
 1700 мм
 1700 мм

ЧИТАТЬ ПО ПОЯС. В НАПРАВЛЕНИИ СТРЕЛКИ
 ВЕРХНИЙ УГОЛ - 1°

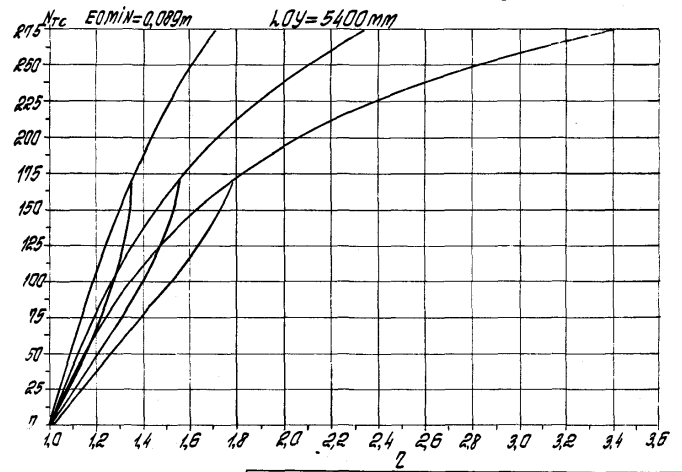
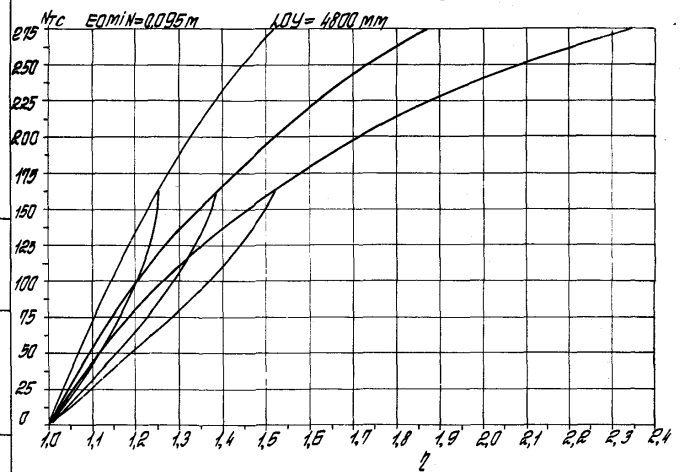
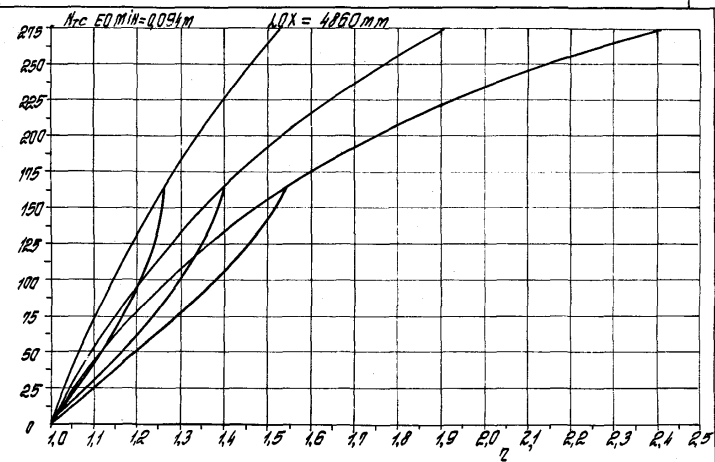
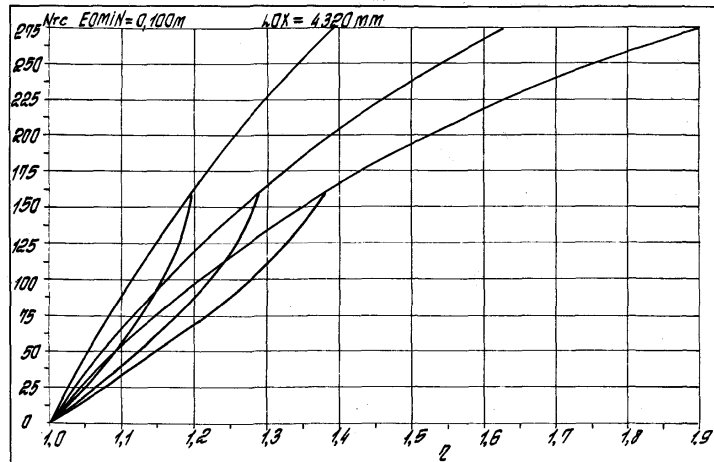


Класс бетона В22,5 ($R_b = 14,3 \text{ МПа}$ при учете $\gamma_{b2} = 1,10$)
 сталь АТ-IVc
 коэффициент - 10%

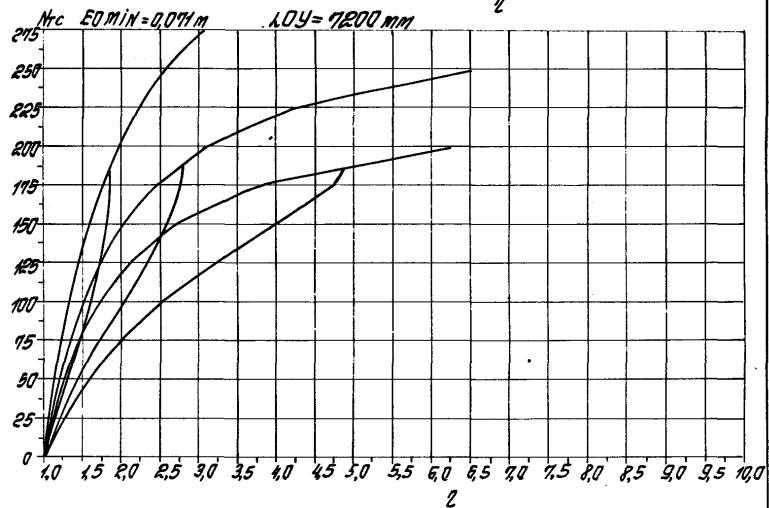
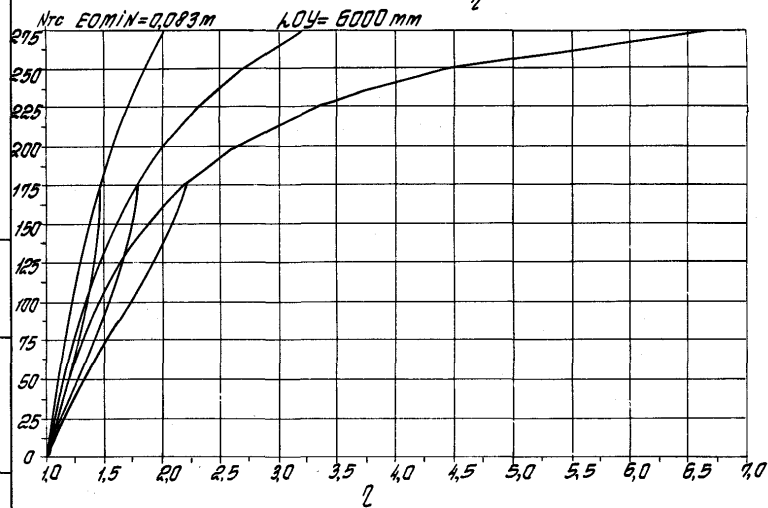
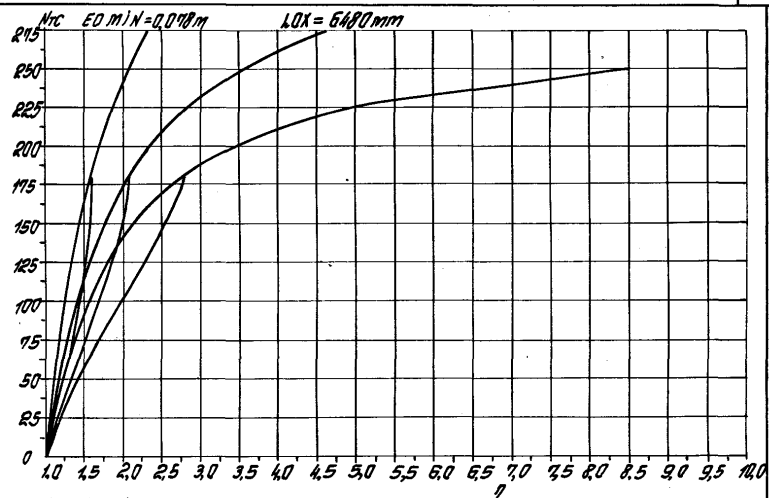
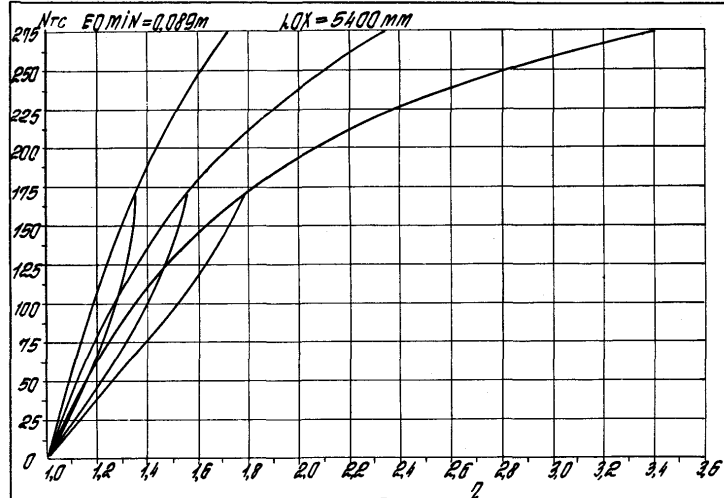


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Item
50

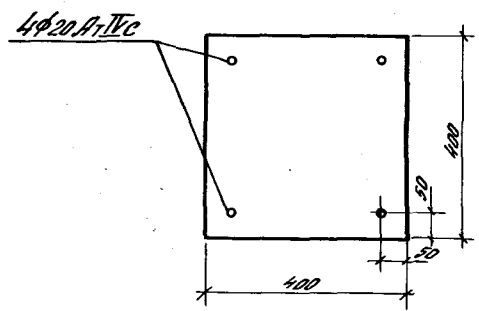
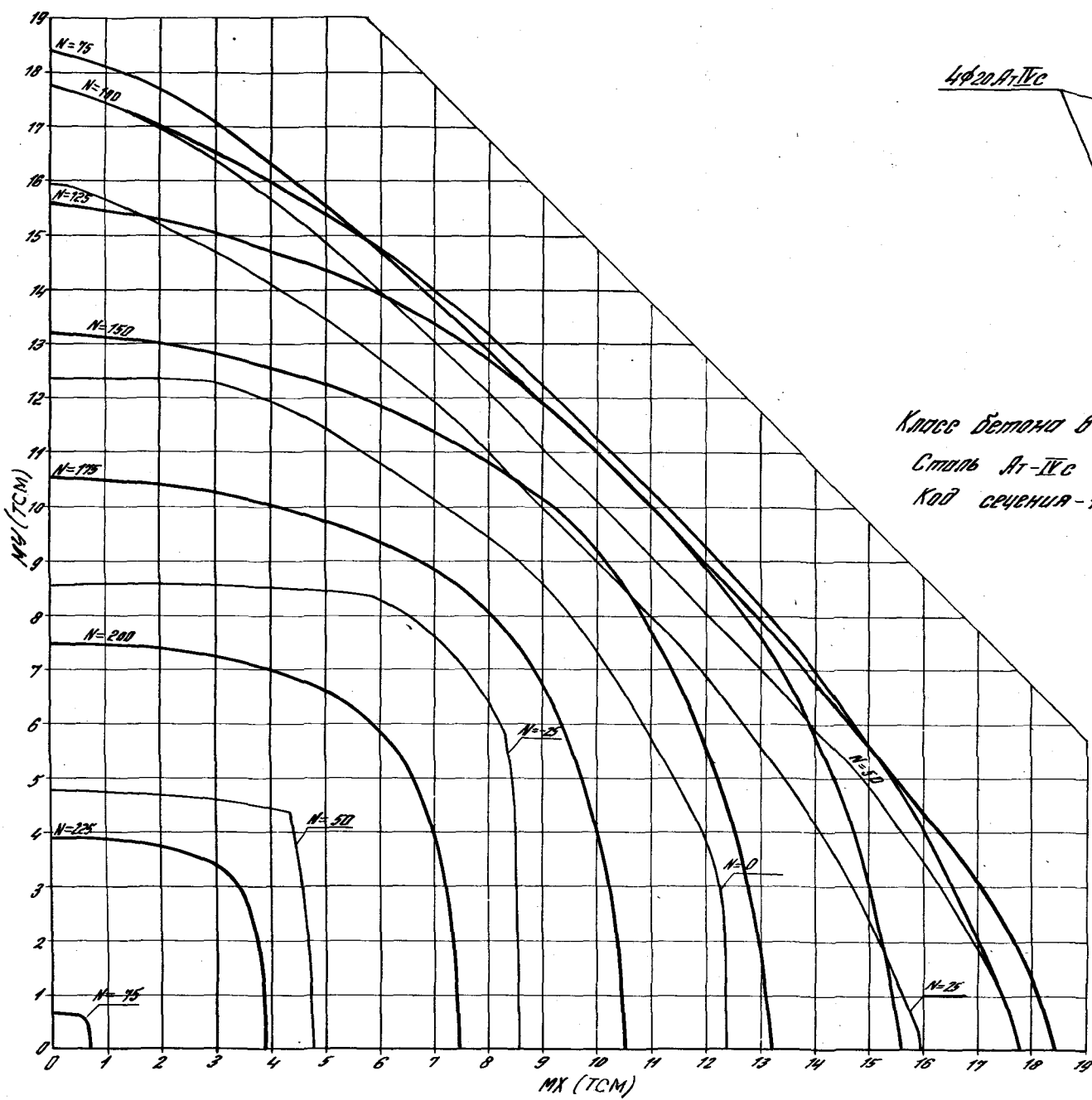


Vzda, ne buda, Vozduce, u domu, E0MIN, unit, Nrc



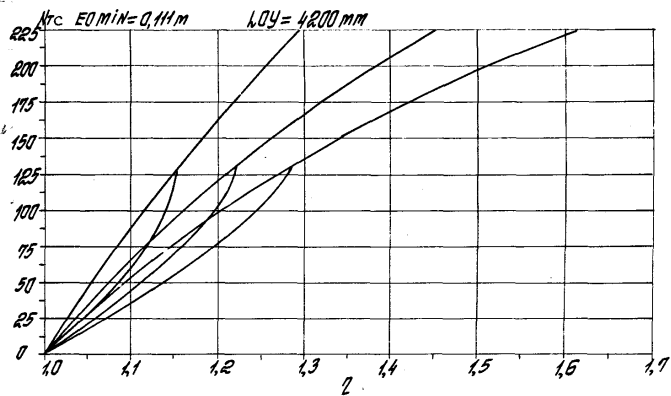
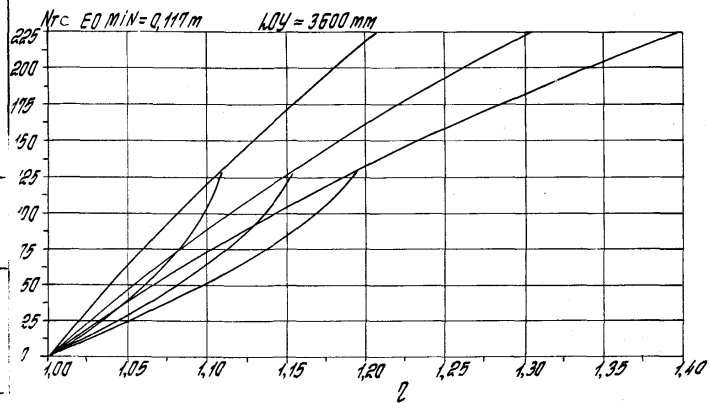
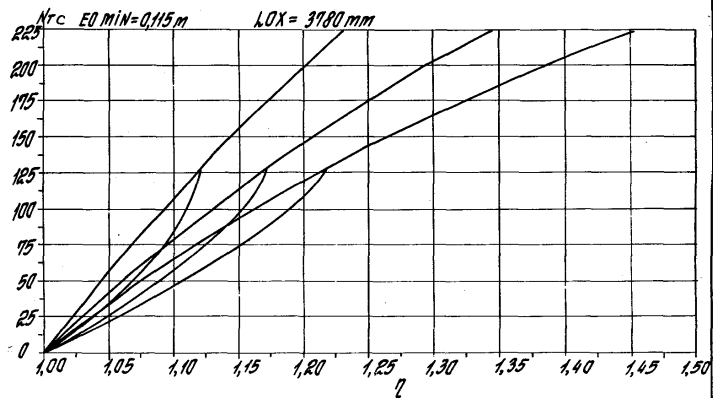
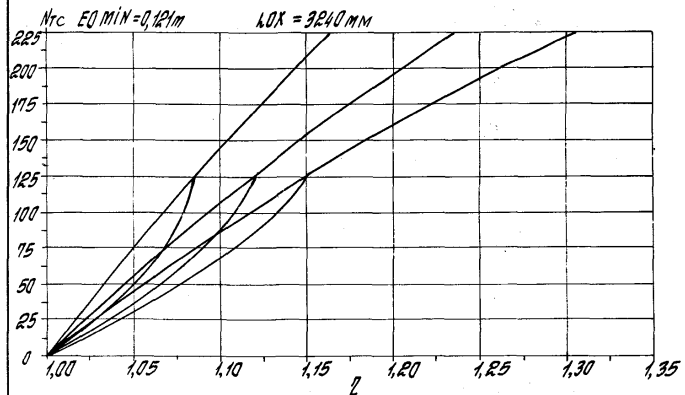
1.020. 1-4 0-9 002

Лист
52

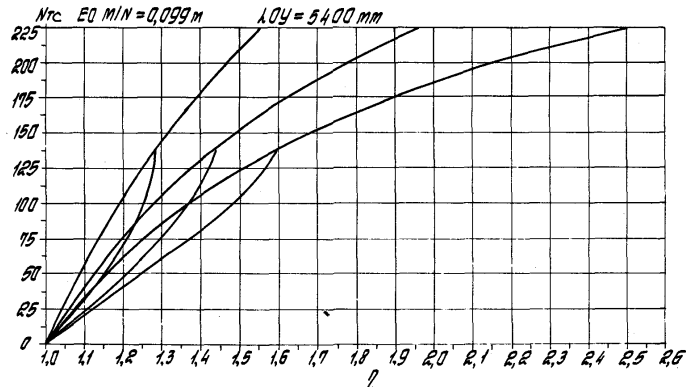
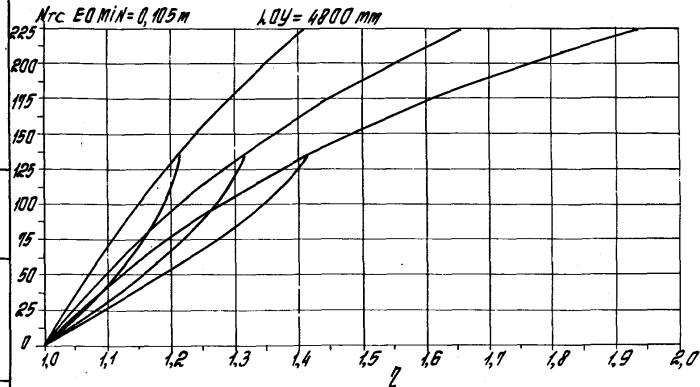
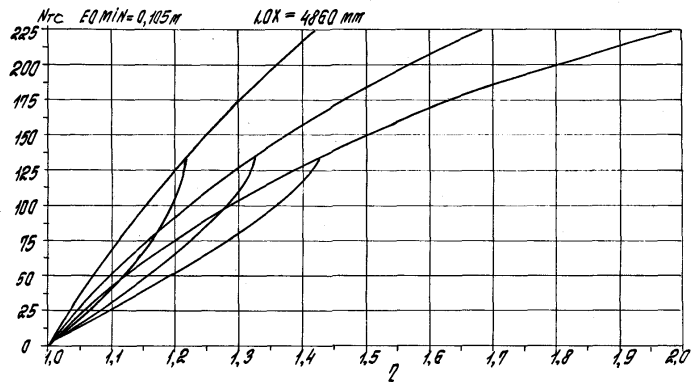
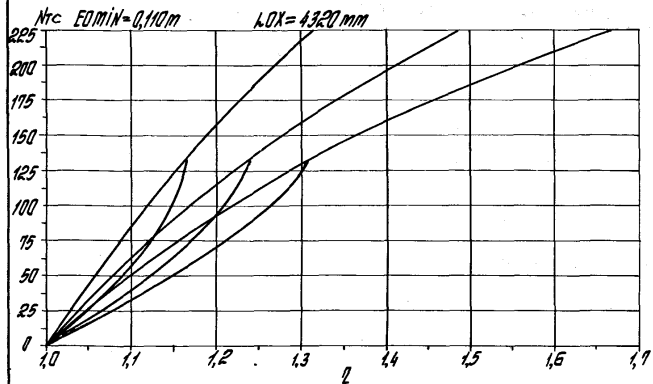


Класс бетона В 225 ($R_B = 11$, $\gamma_{B2} = 0,90$)
 Сталь А-I-IIIc
 Код сечения - 1078

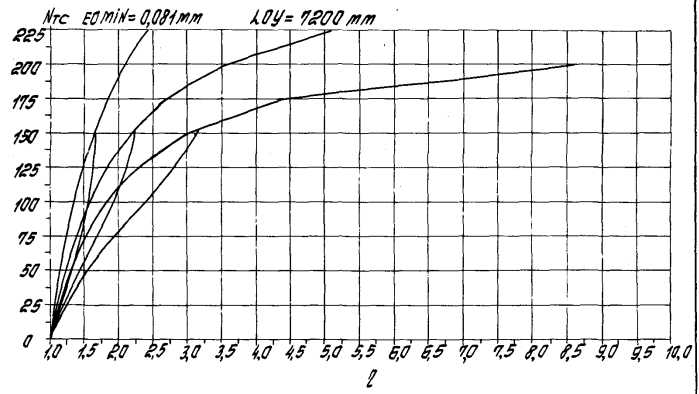
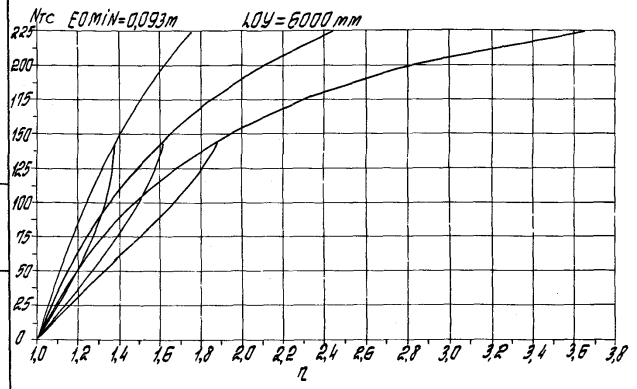
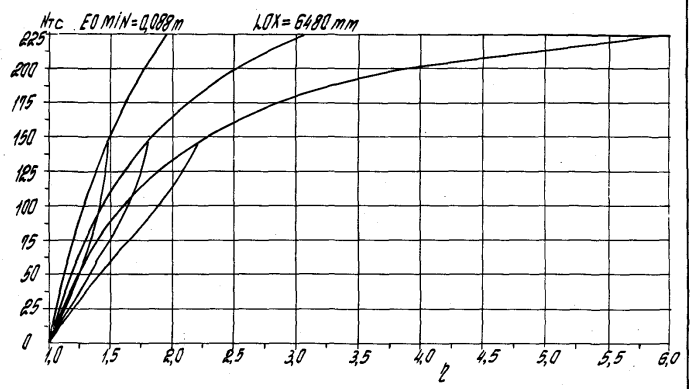
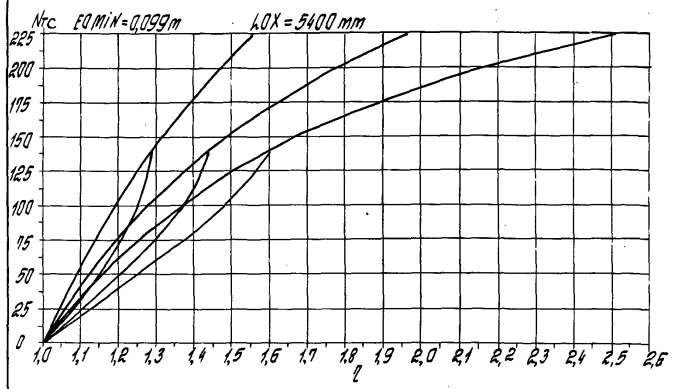
Иск. и техн. условия и чертеж. В.С.М.И.С.М.



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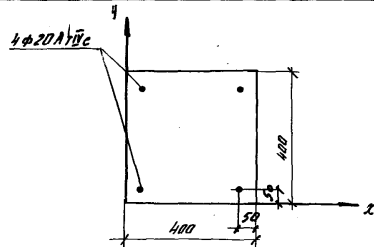
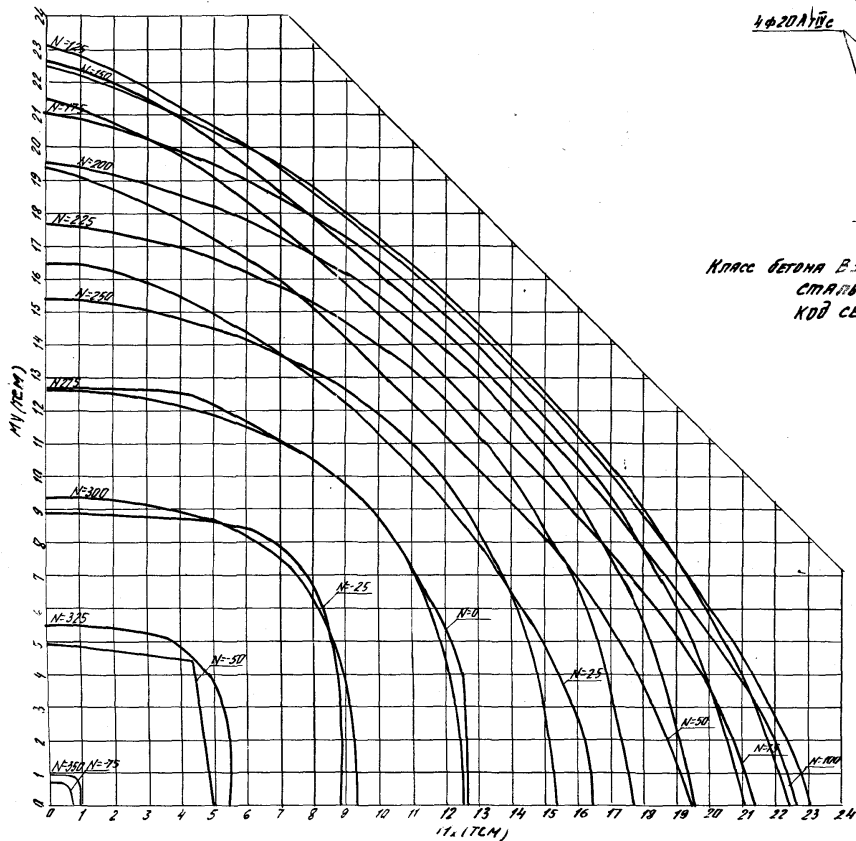


Vizit je naoga, Vinduce u obama Vazna uok. A



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 1.020.1-4 0-9 002
 1.020.1-4 0-9 002

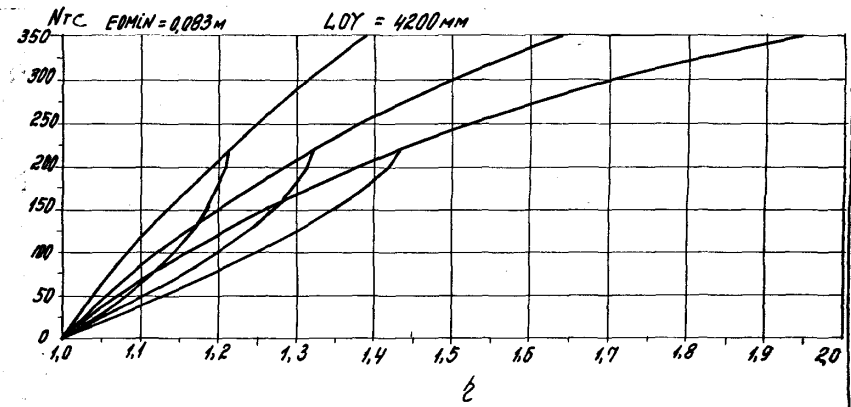
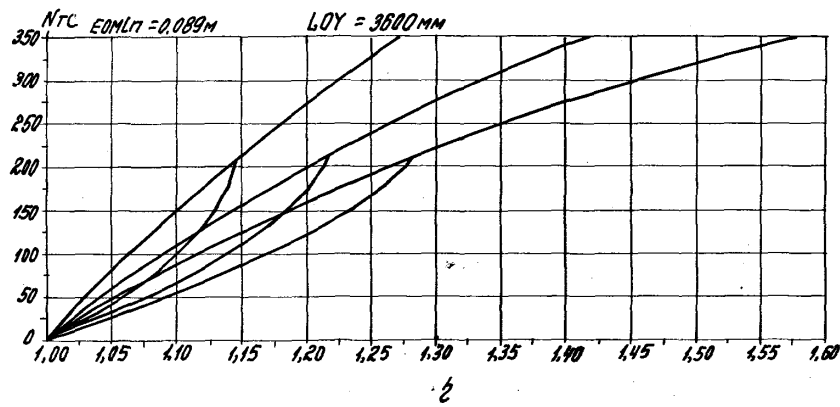
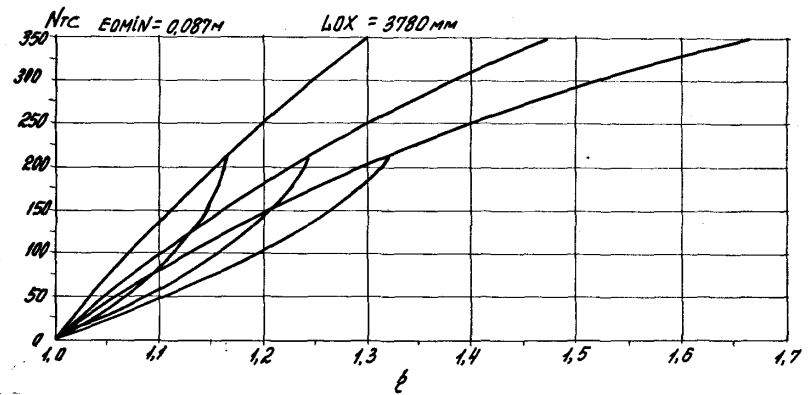
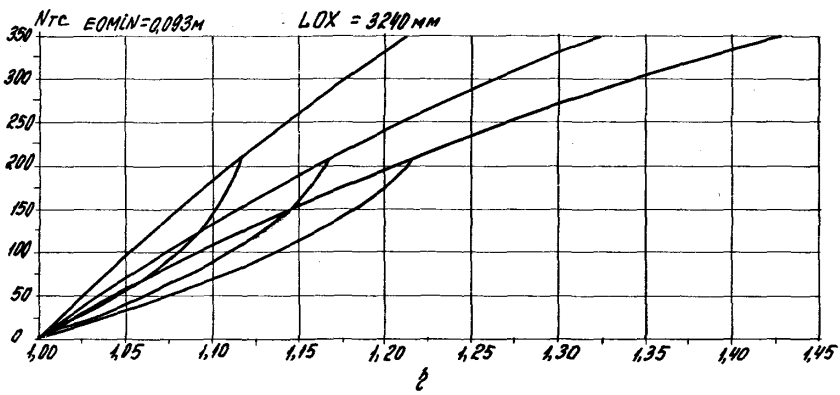
УМБ АР МАШ. ОБЪЕКТОВА ДОКУМЕНТАЦИЯ



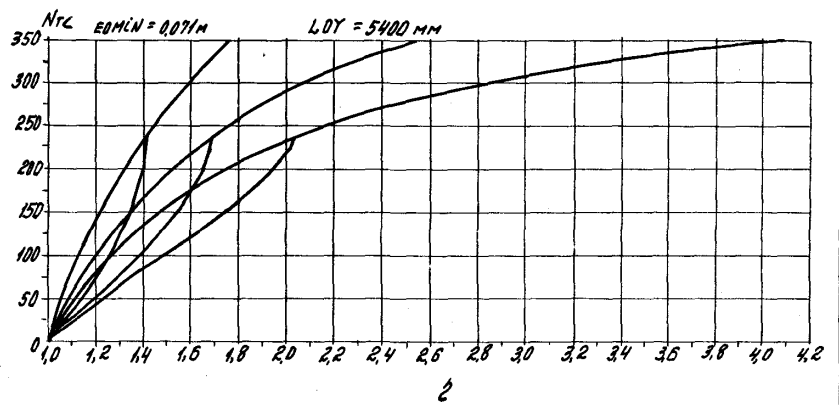
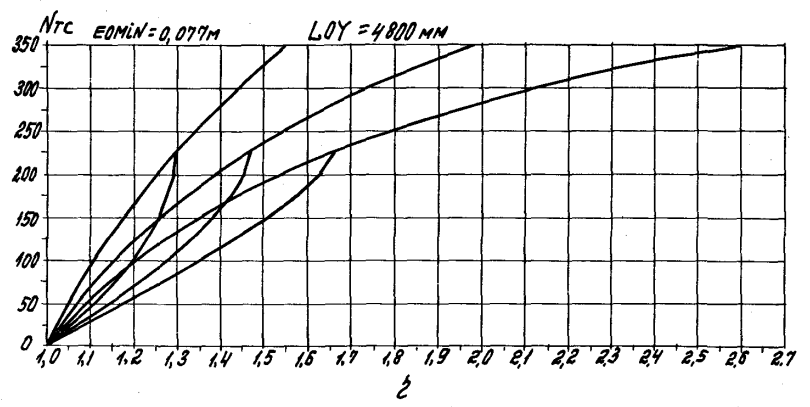
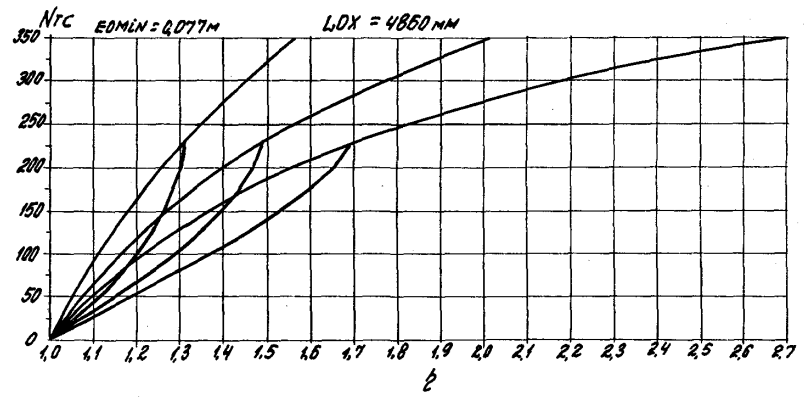
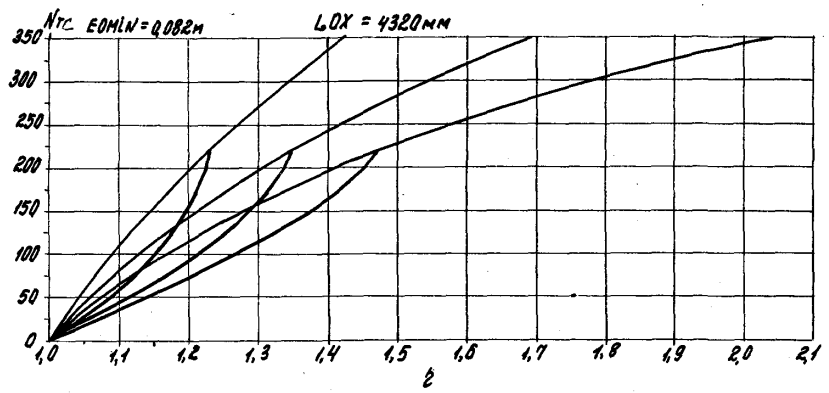
Класс бетона В300 ($R_b = 18.7 \text{ МПа}$ при учете $\gamma_{b2} = 1.10$)
 стержни АТ-13с
 код сечения - 108а

1.020.1-4 0-9 002

Лист
59

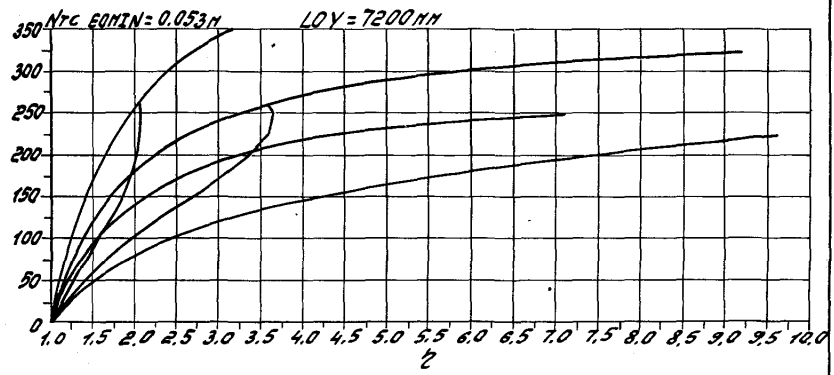
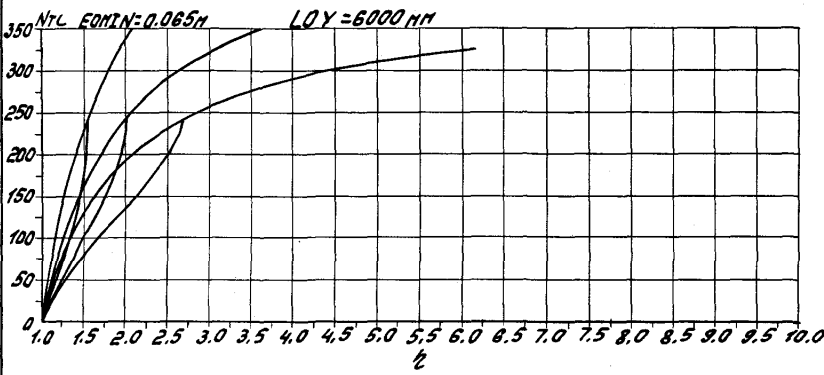
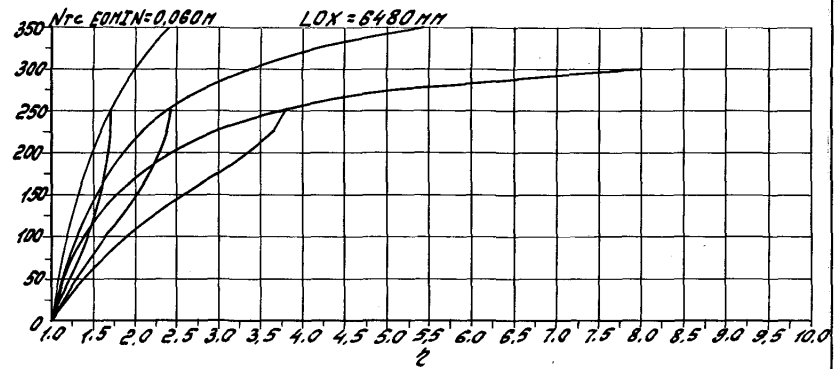
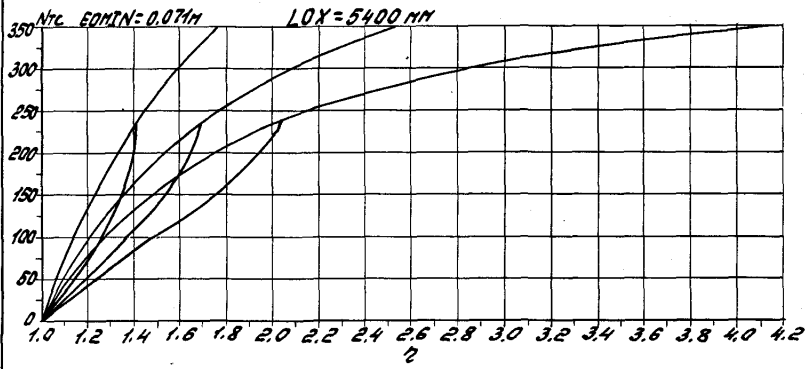


1.020. 1-4 0-3 002

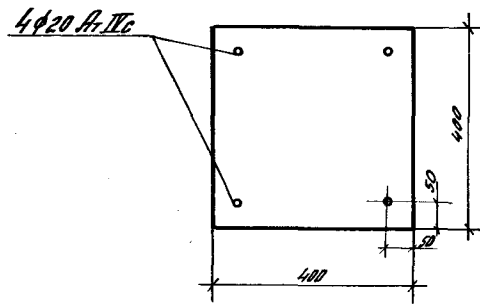
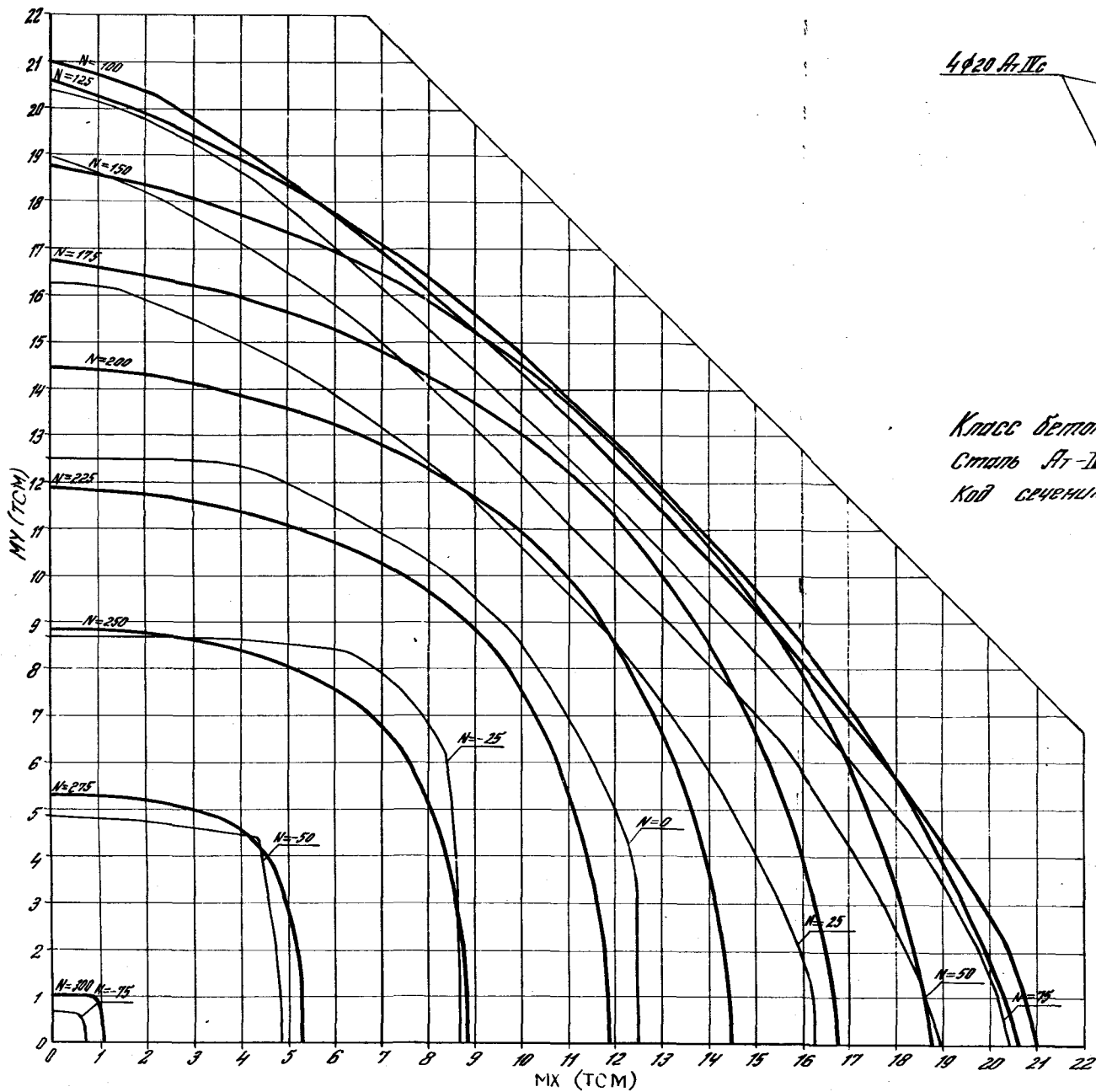


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Alum
59



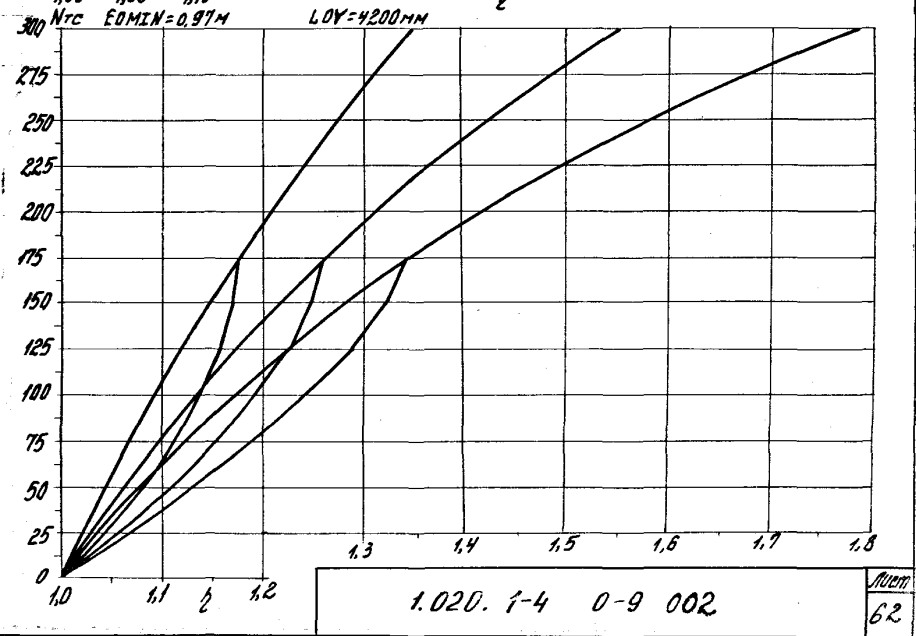
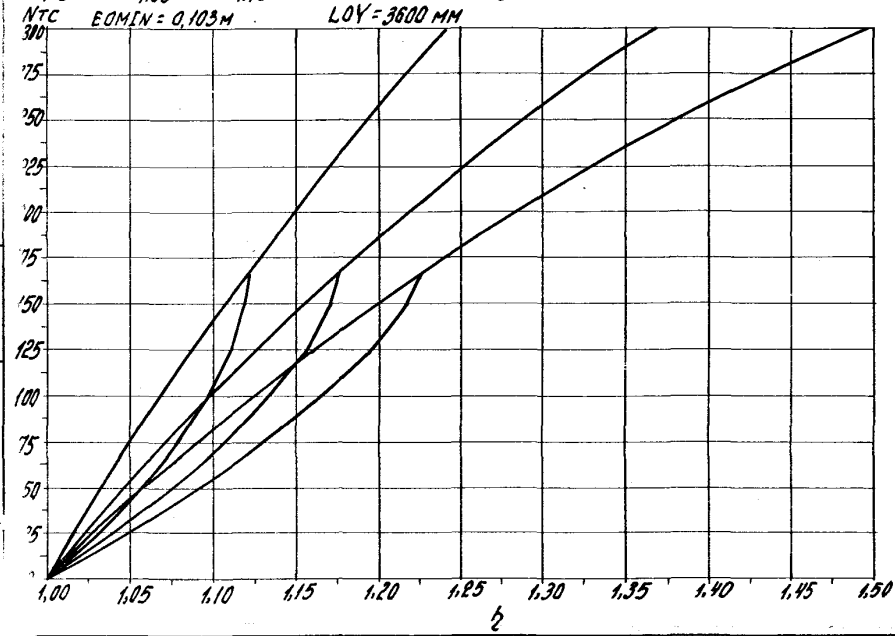
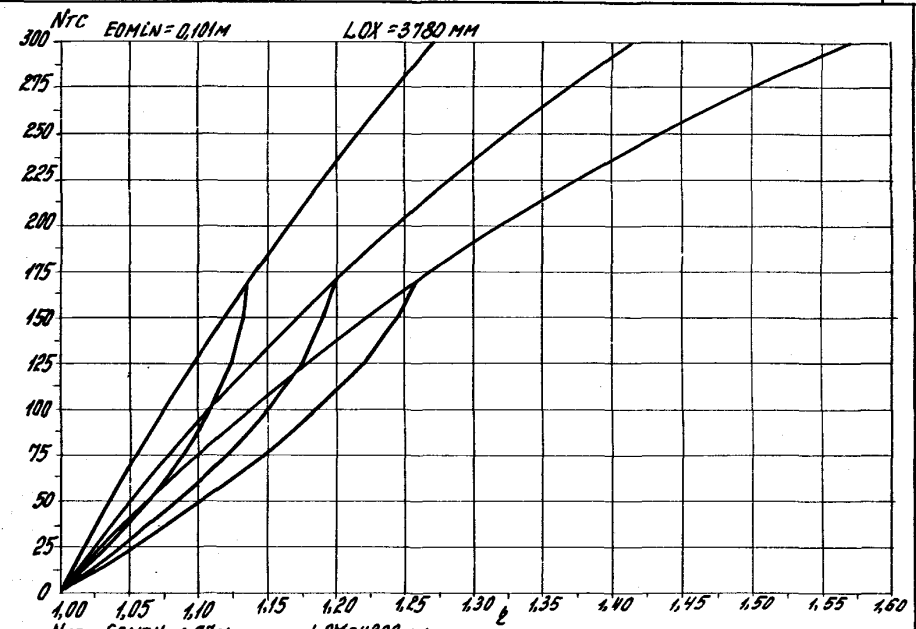
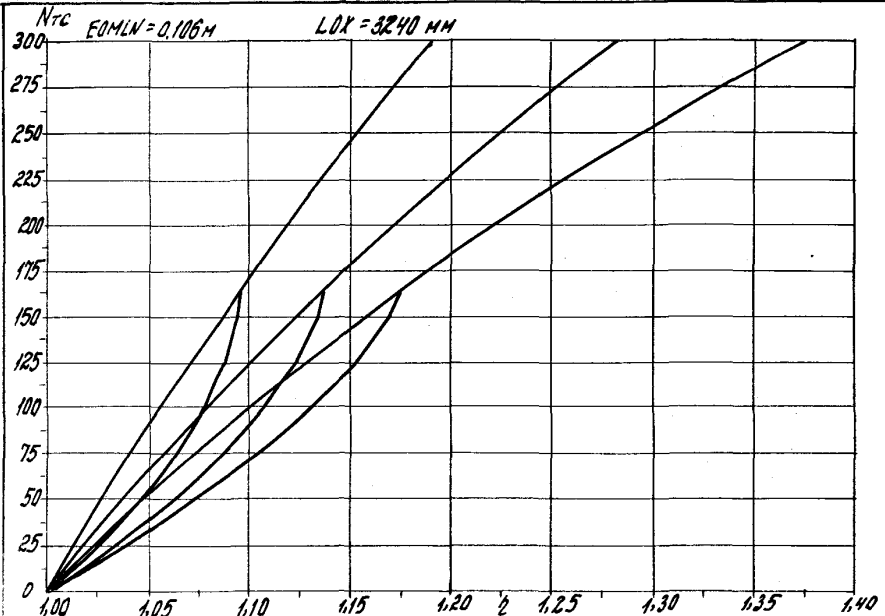
Углы, градусы, вертикаль и диаметр в мм

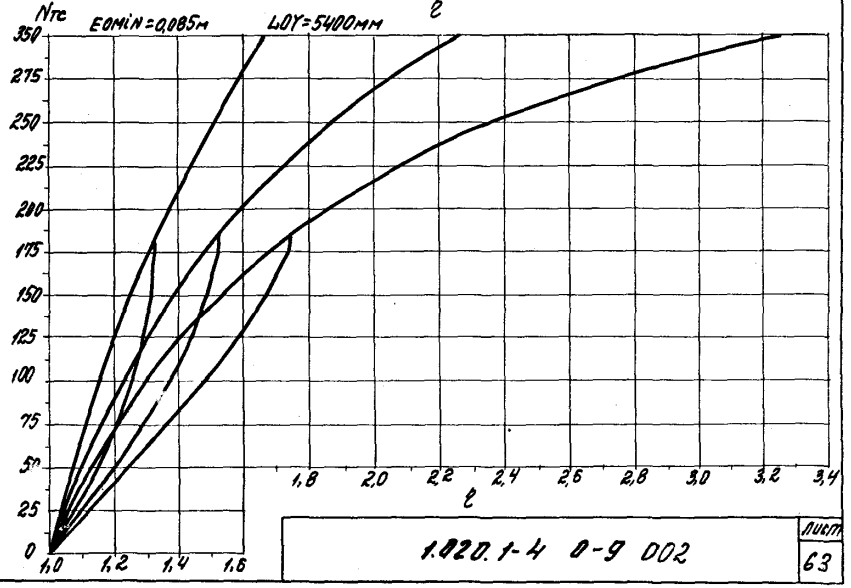
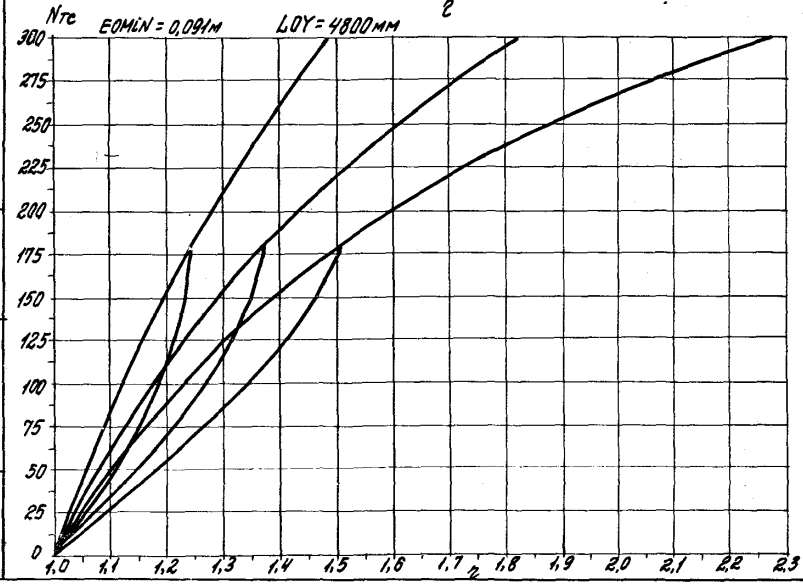
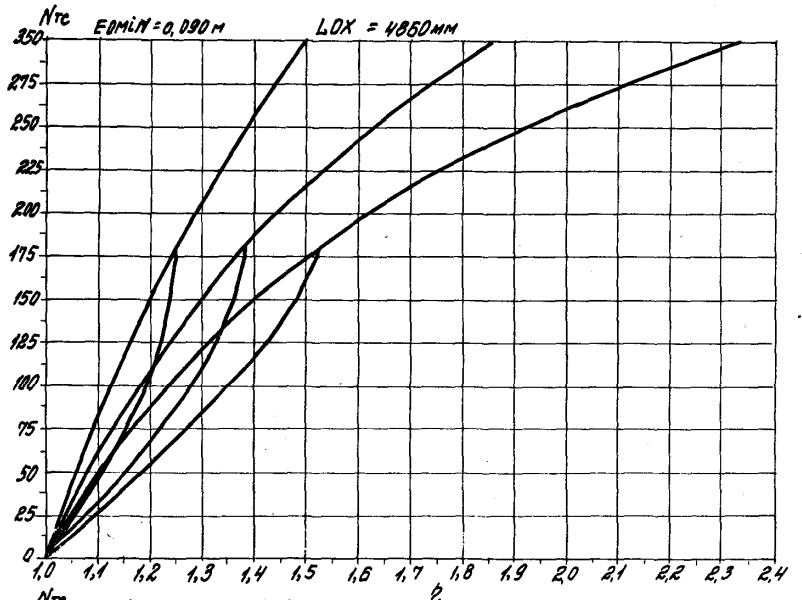
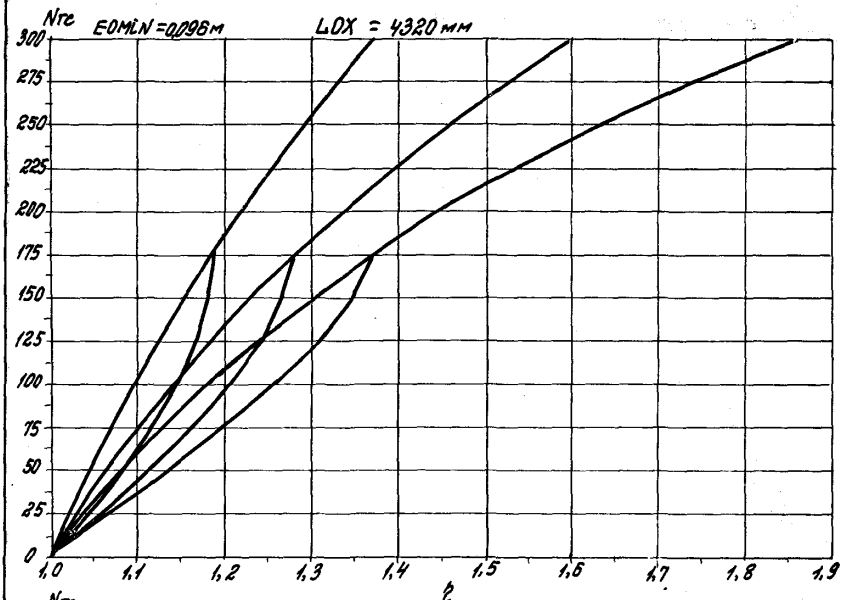


Класс бетона В30 ($R_b = 15,3$ МПа при учете $\gamma_{b2} = 0,90$)
 Сталь А-IIIc
 Код сечения - 1085

Имя и фамилия
 Подпись и дата
 Дата и время

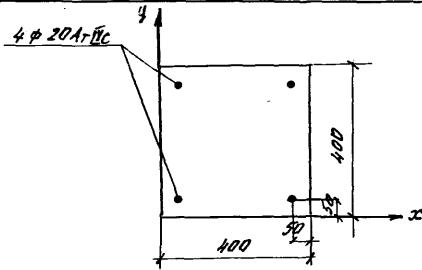
1.020.1-4 0-9 '002 Лист 61



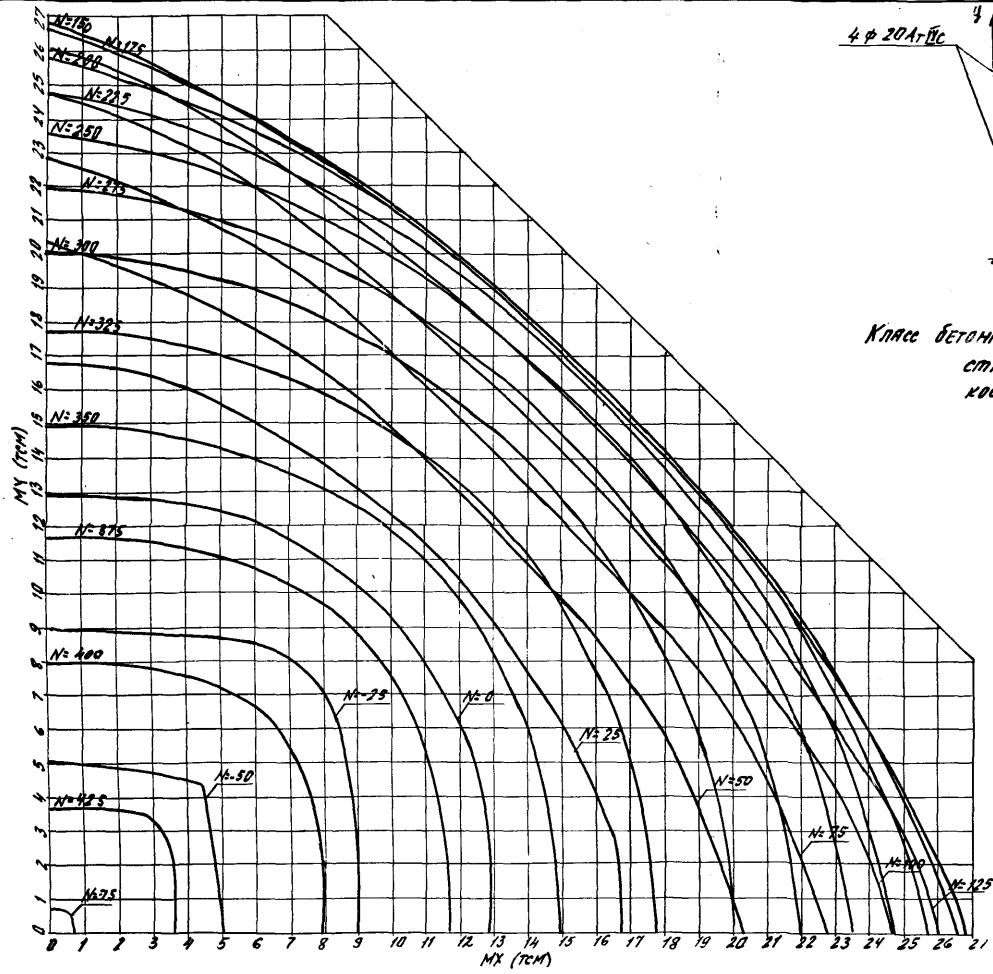


1020.1-4 0-9 D02

DATE
63



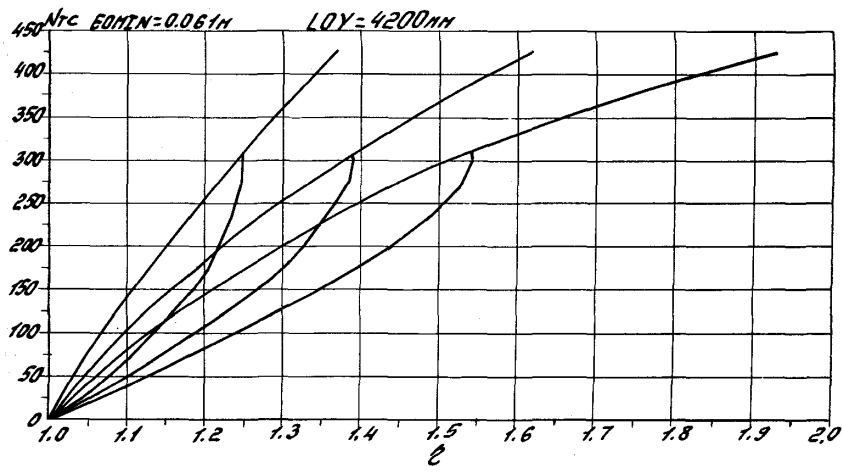
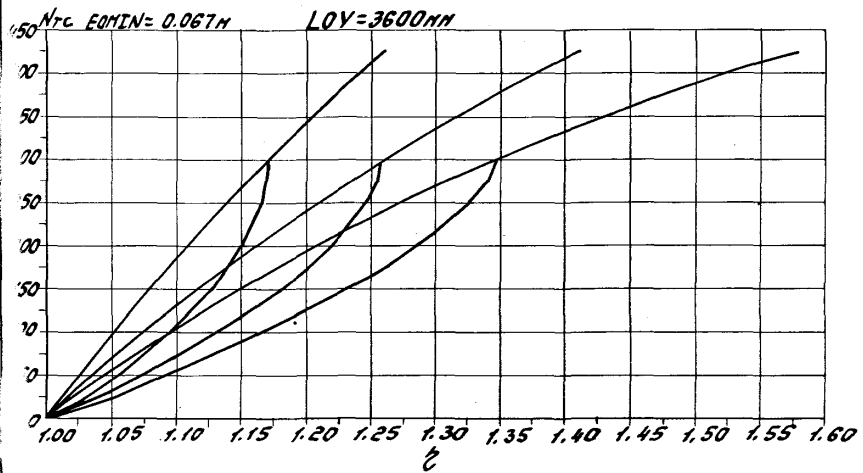
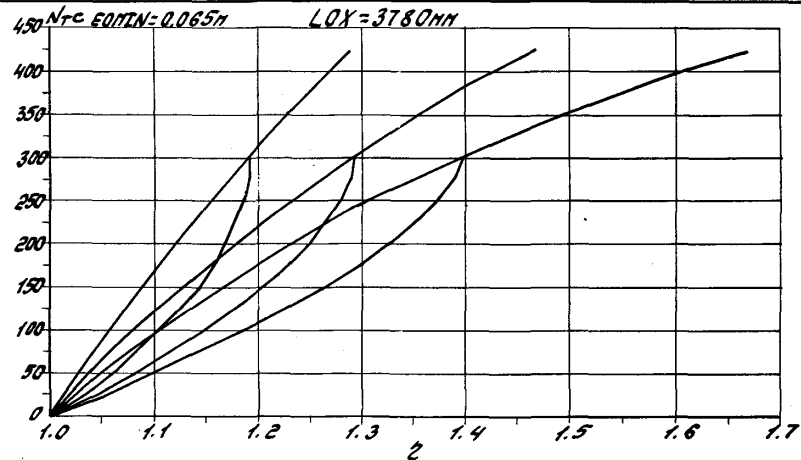
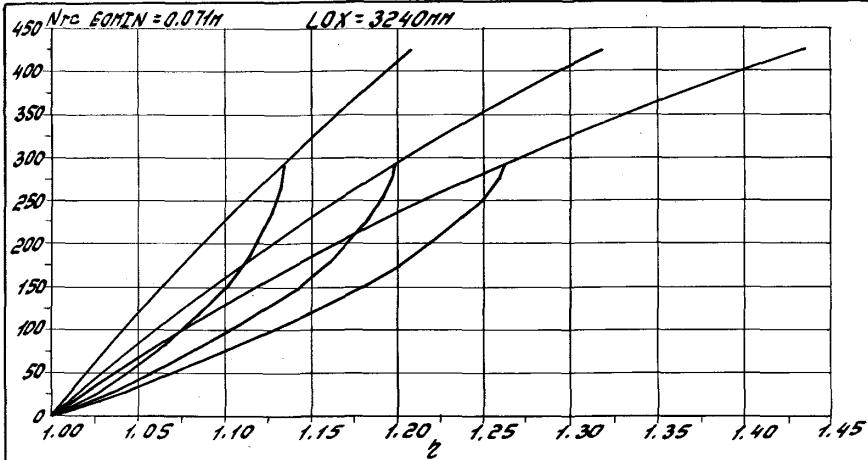
Класс бетона В40.0 ($R_b = 24,2$ МПа при учете $\gamma_{b2} = 1,10$)
 сталь АТ-IIIc
 код сечения - 109a



1.020.1-4 0-9 002

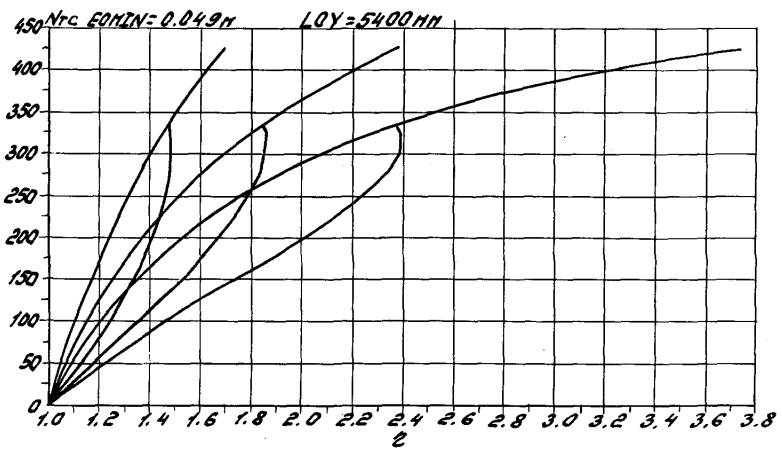
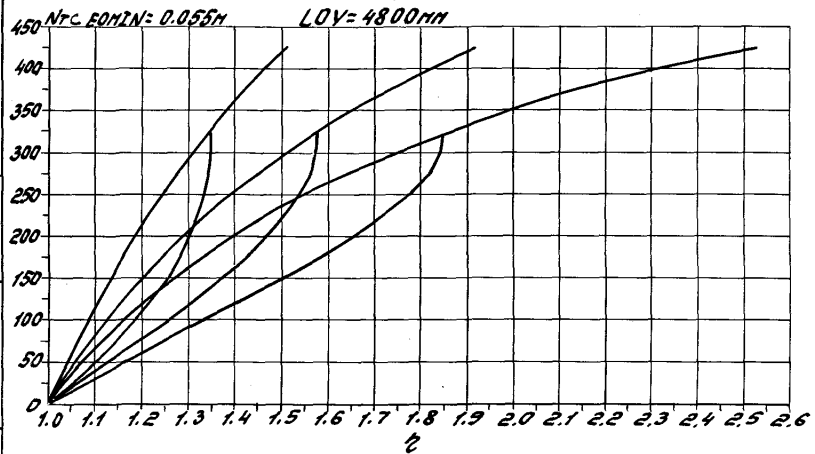
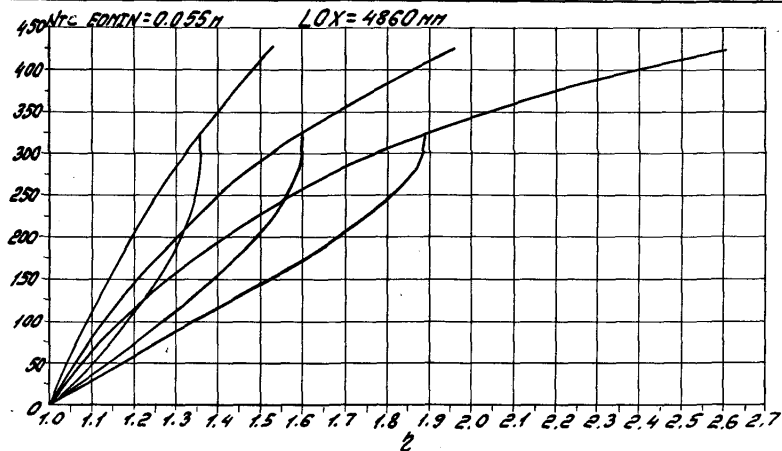
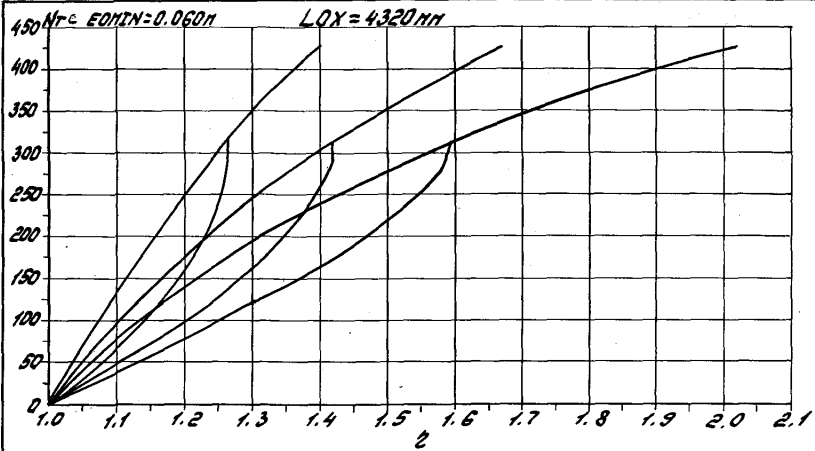
Лист
65

Универсальный справочник по расчету железобетонных конструкций



1.020.1-4. 0-9 002

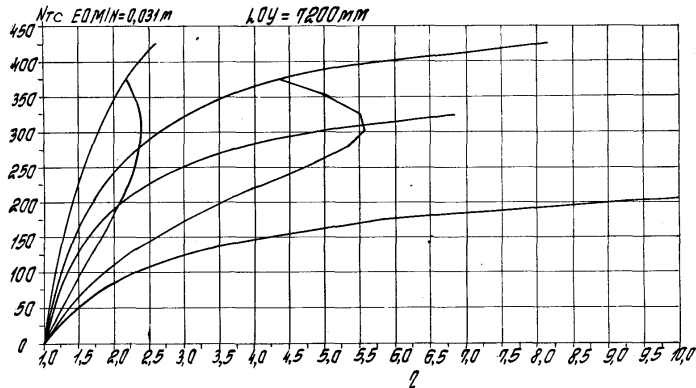
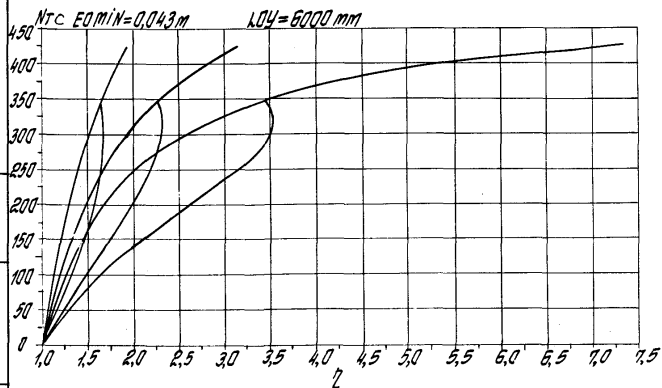
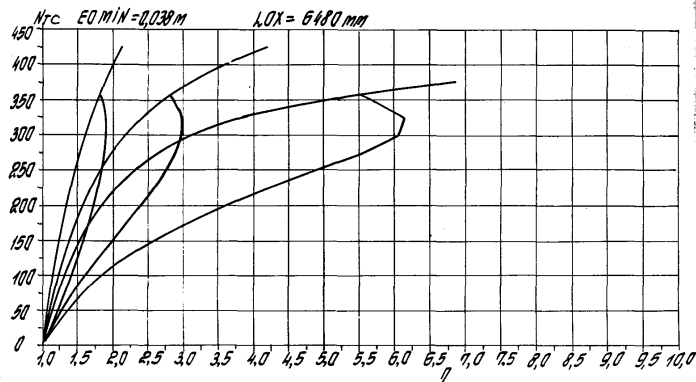
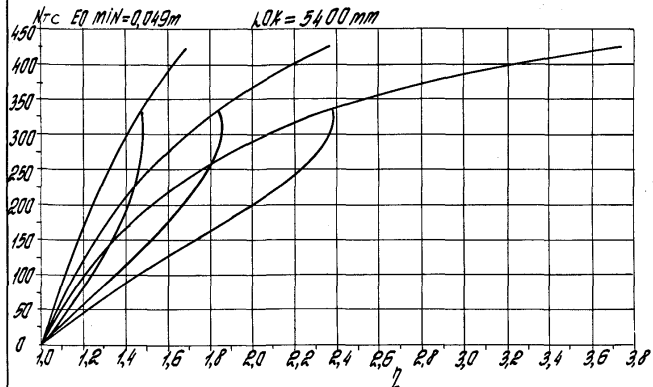
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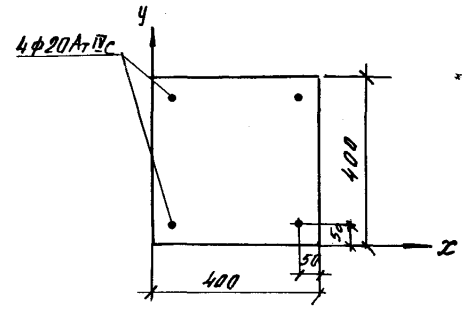
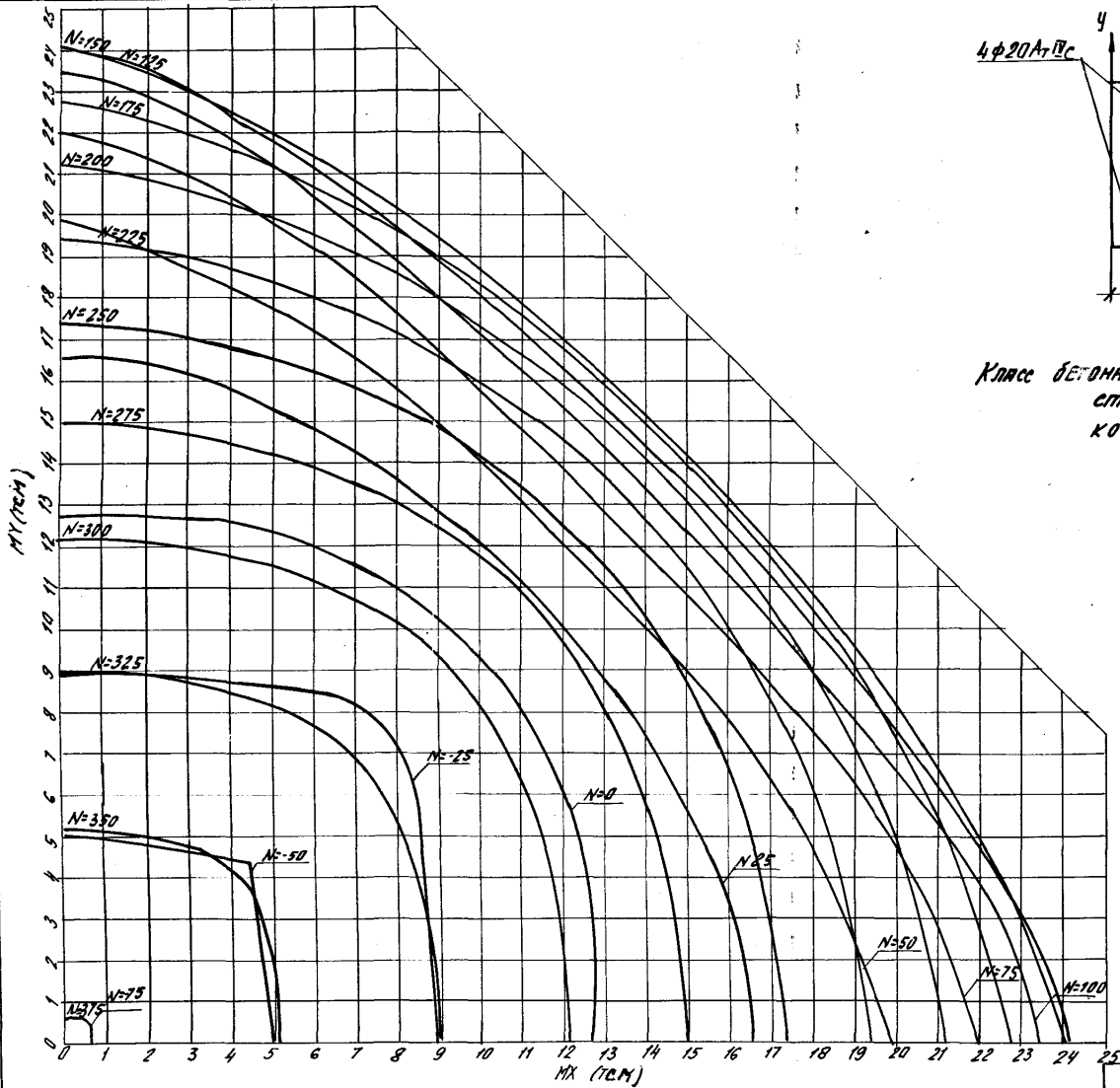


1.020.1-4 0-9 002

67

Виб. Н. ТИДА. Вісвітлює у діаметрі згор. димів



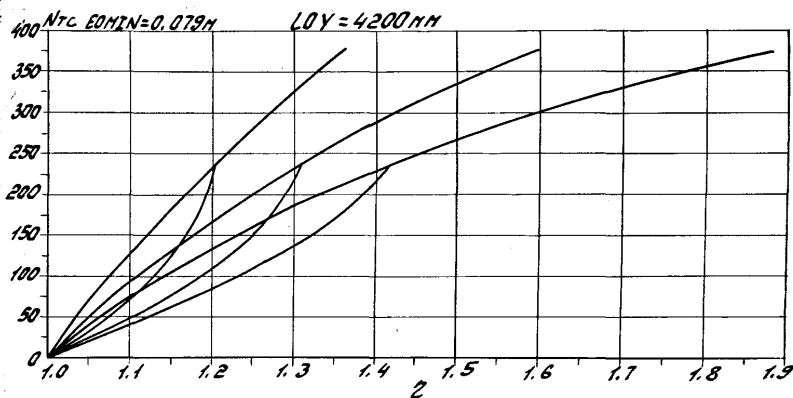
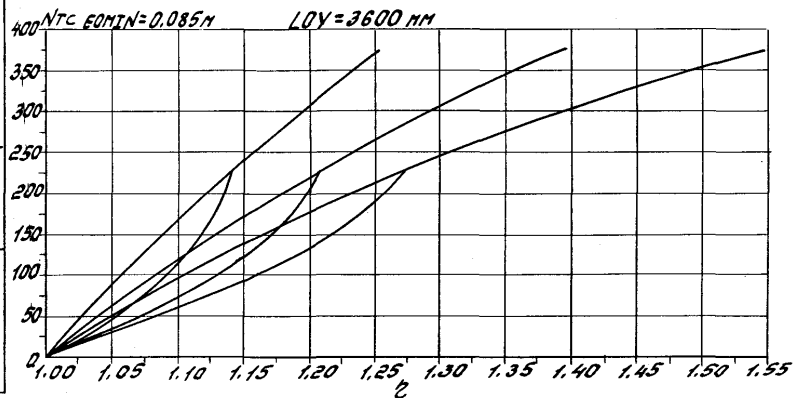
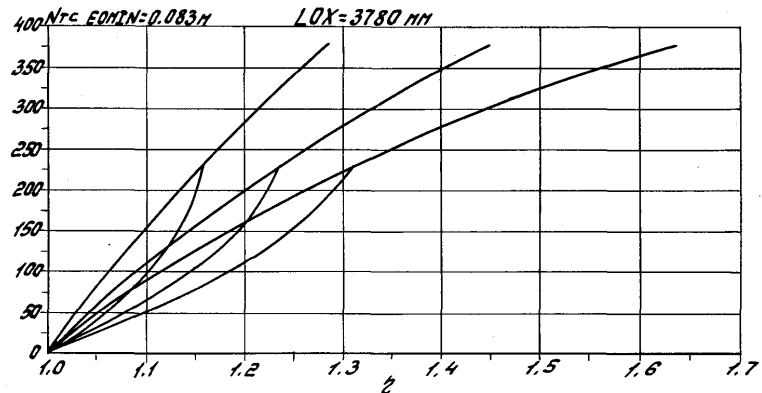
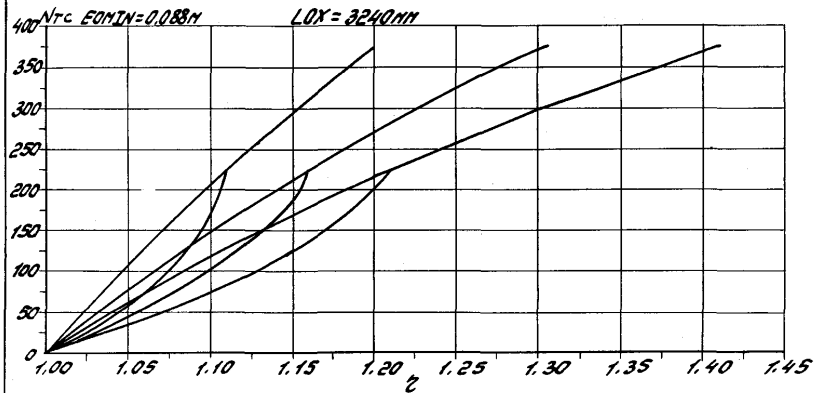


Класс бетона В40.0 ($R_b = 19.8 \text{ МПа}$ при учете $\gamma_{b2} = 0.90$)
 сталь АТ-IIIc
 код сечения - 1035

Инв. № 1/2018
 Проект № 1035
 Дата: 10.10.2018

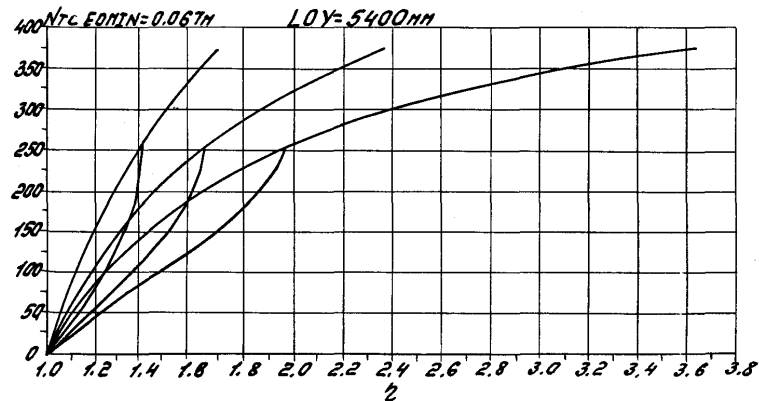
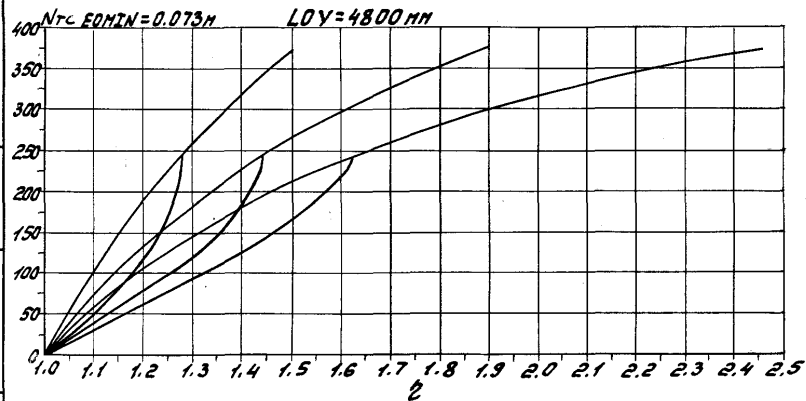
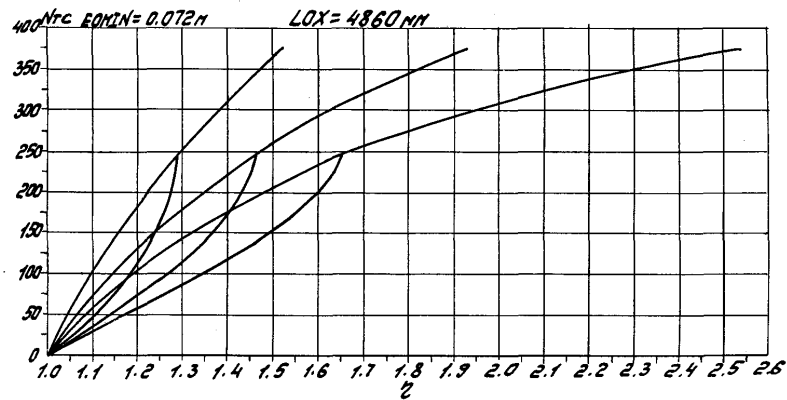
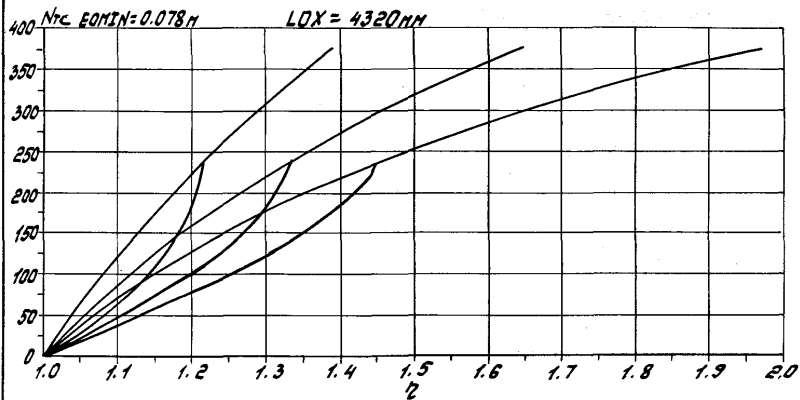
1.020.1-4 0-9 002

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69



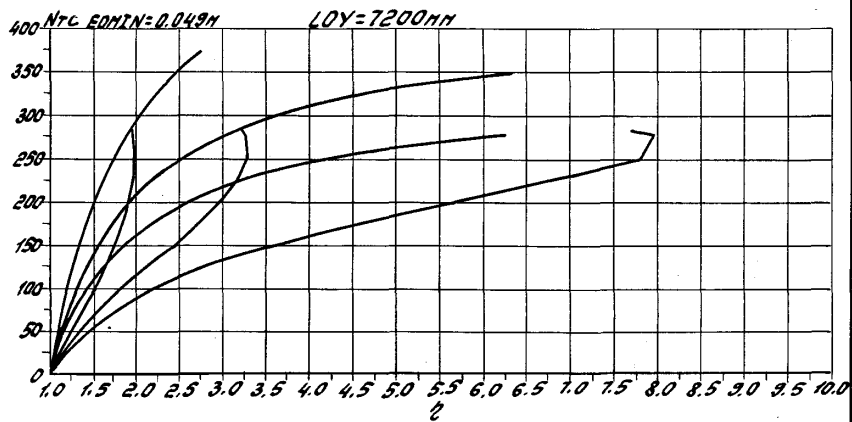
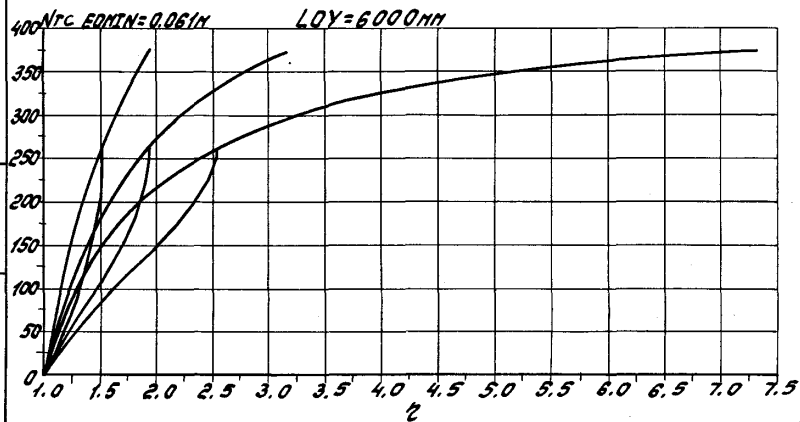
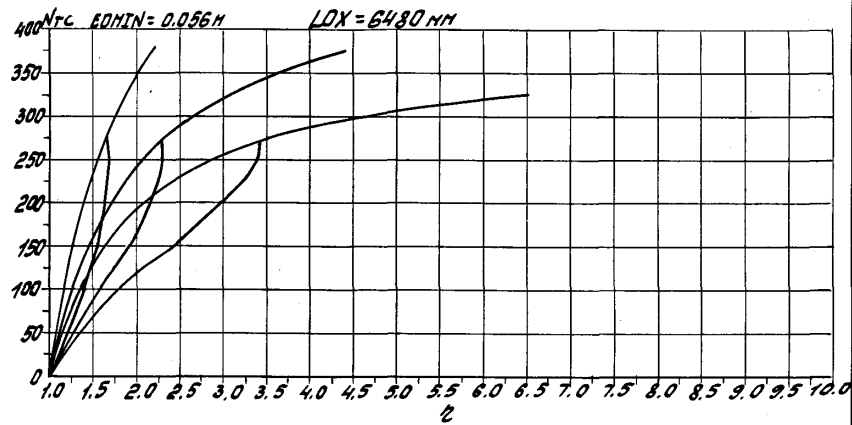
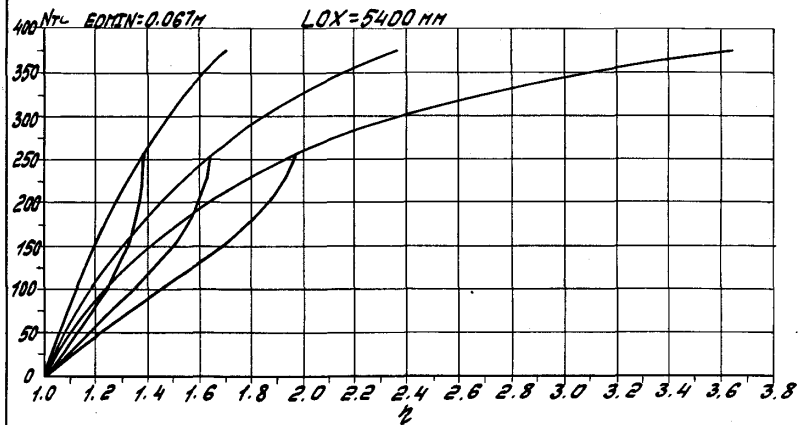
1.020. 1-4 0-3 002

100cm
70

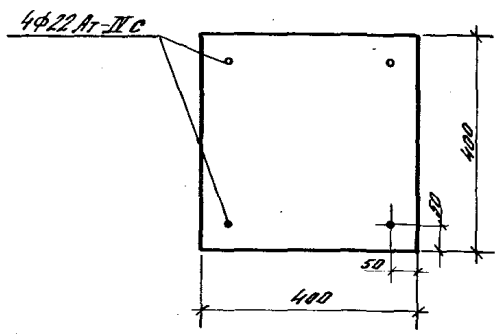
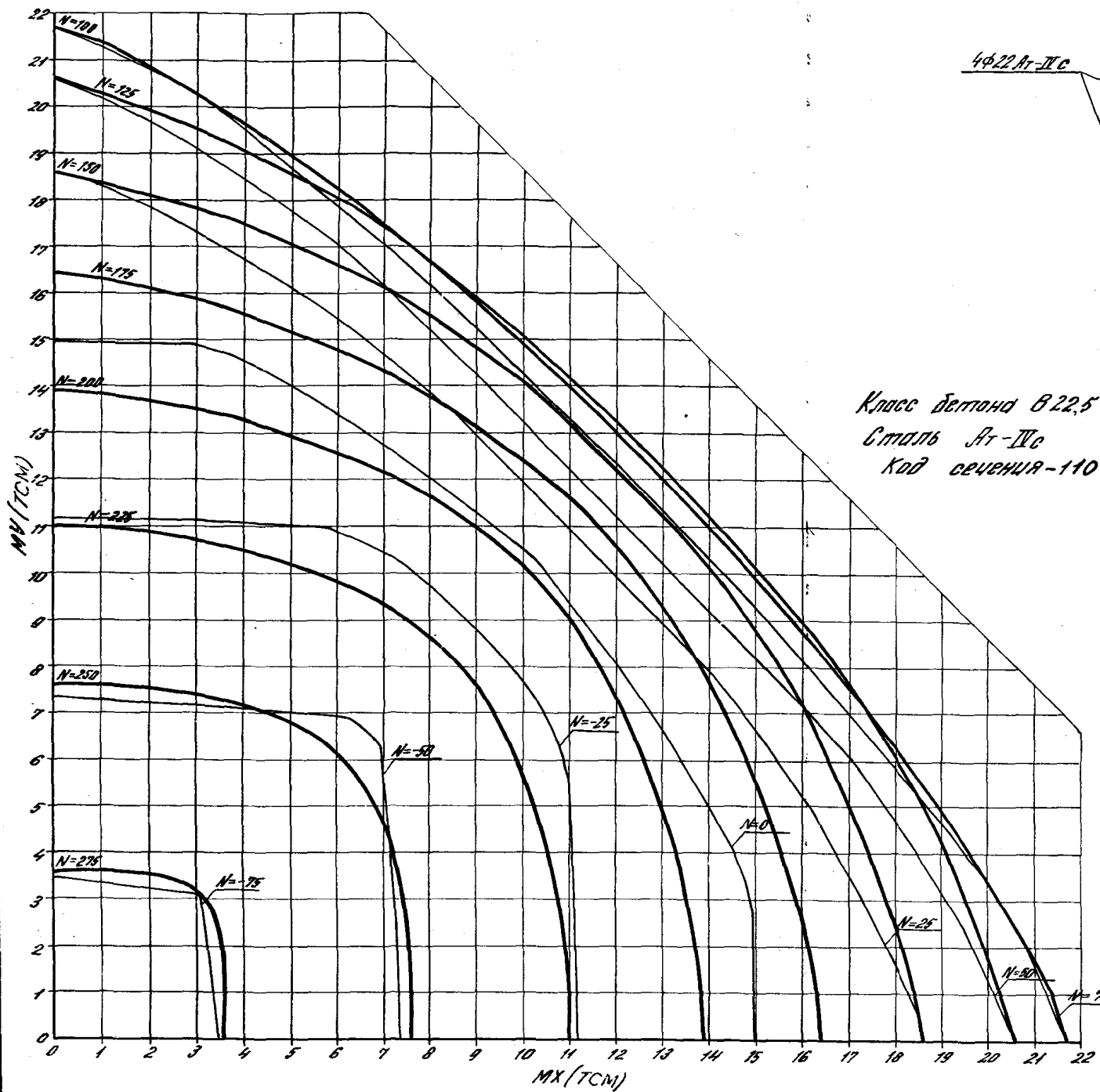


1.020.1-4 0-9 002

100
71

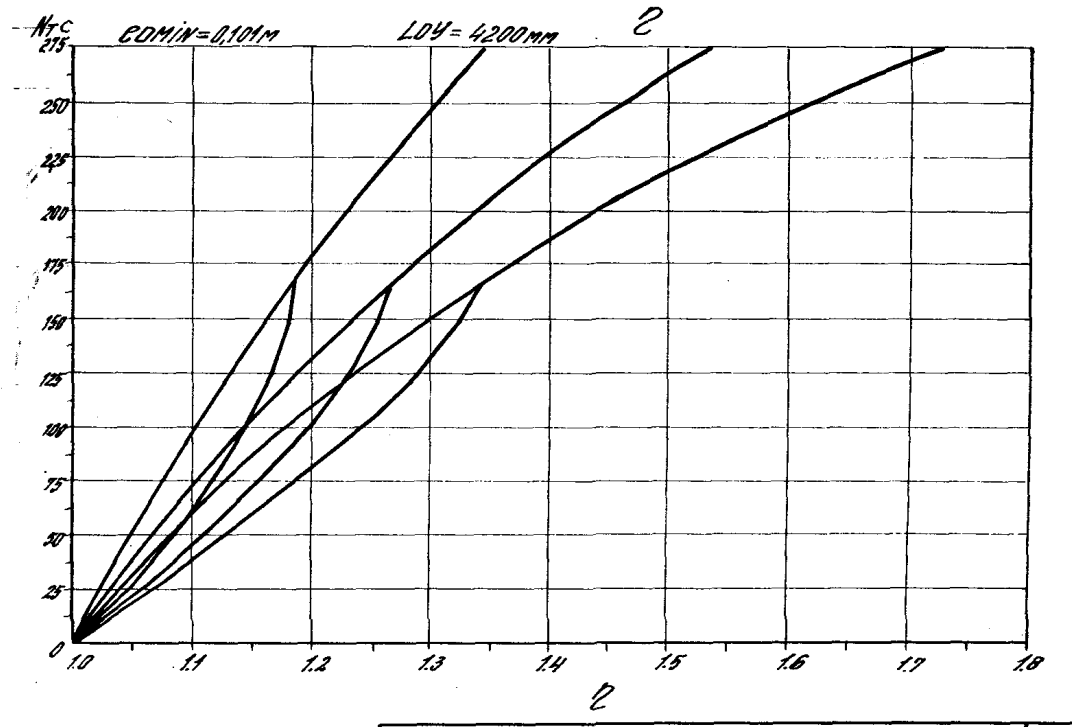
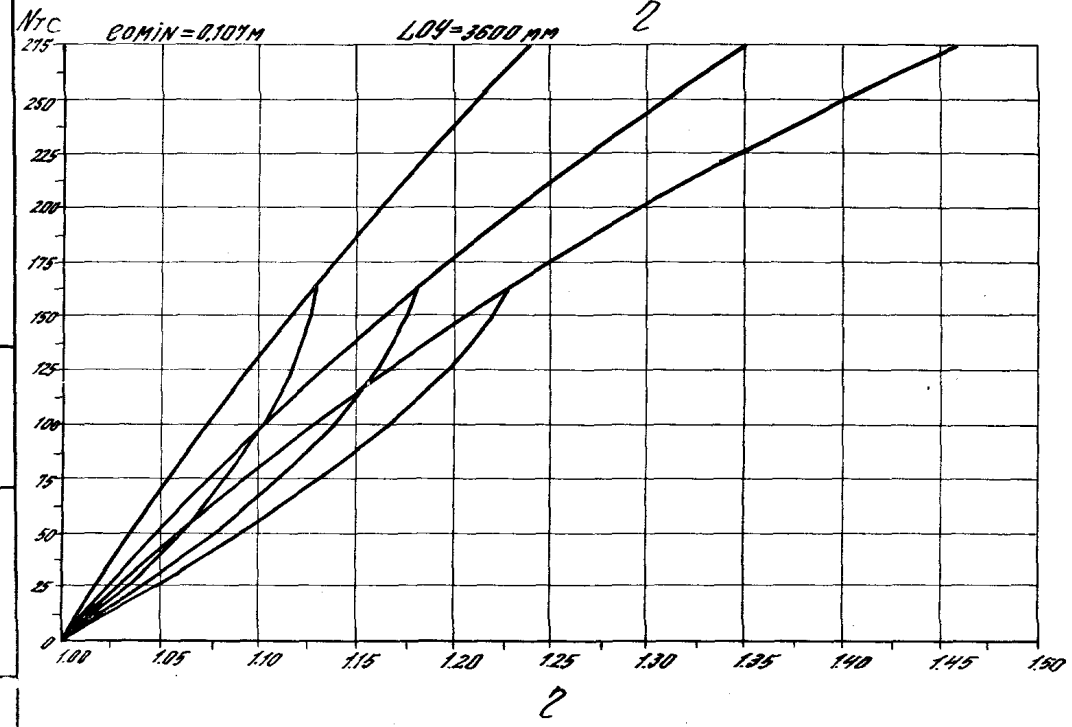
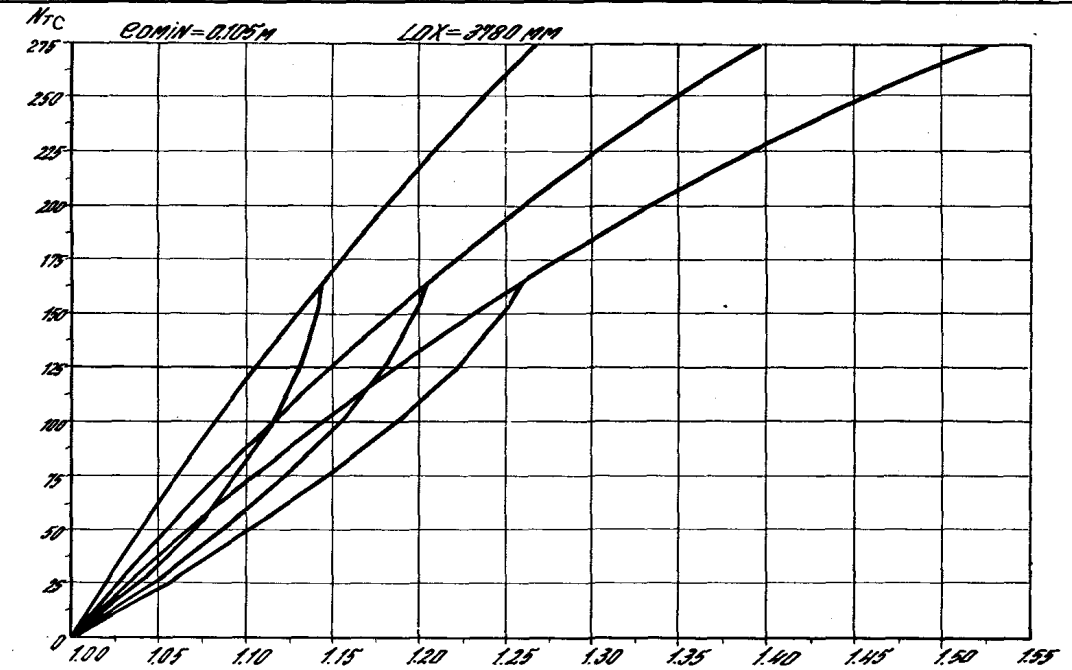
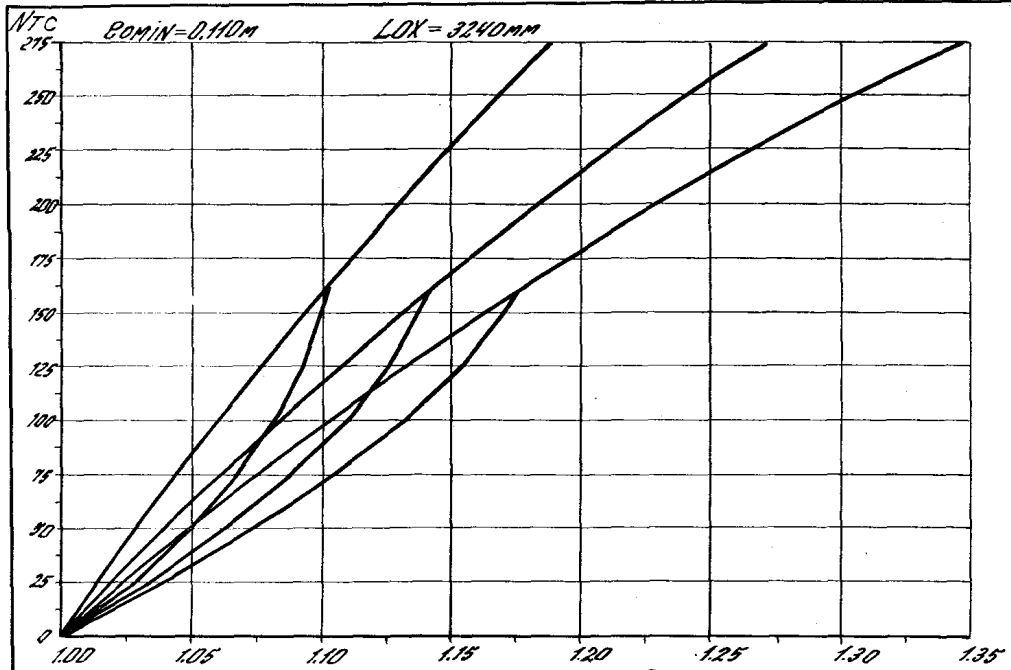


1.020.1-4 0-9 002 72

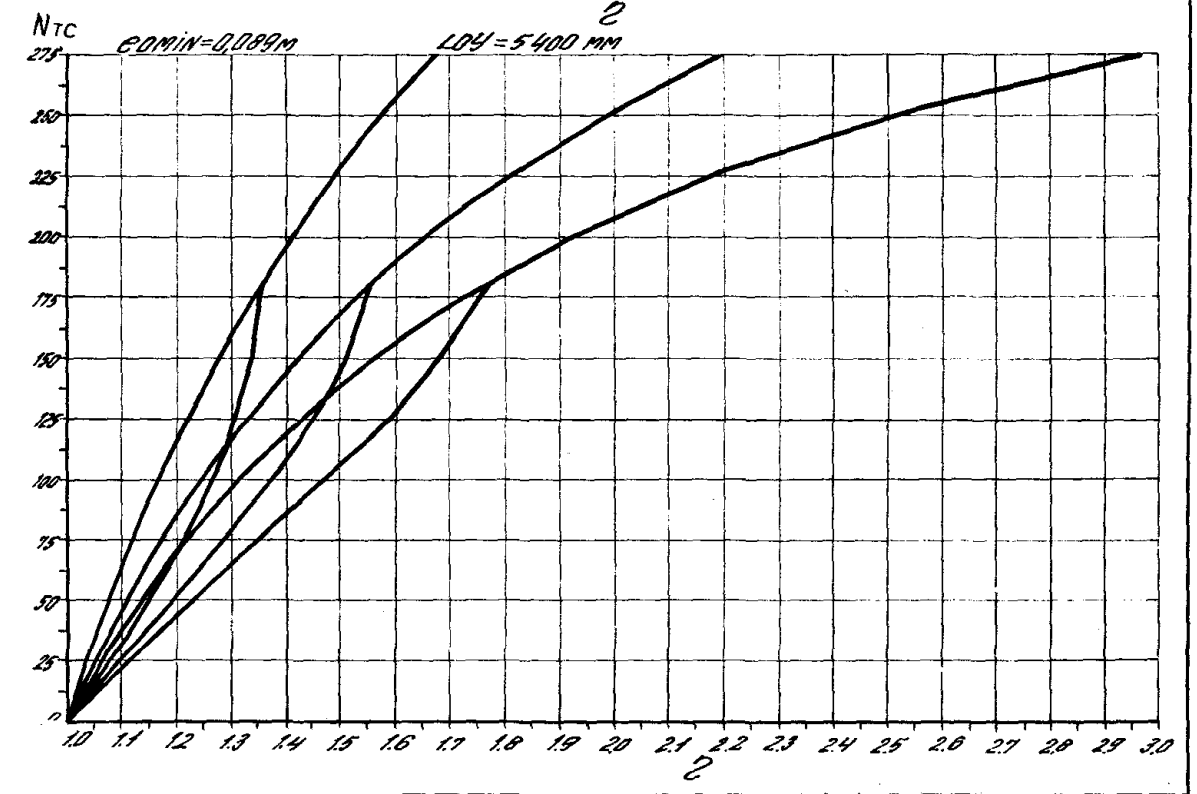
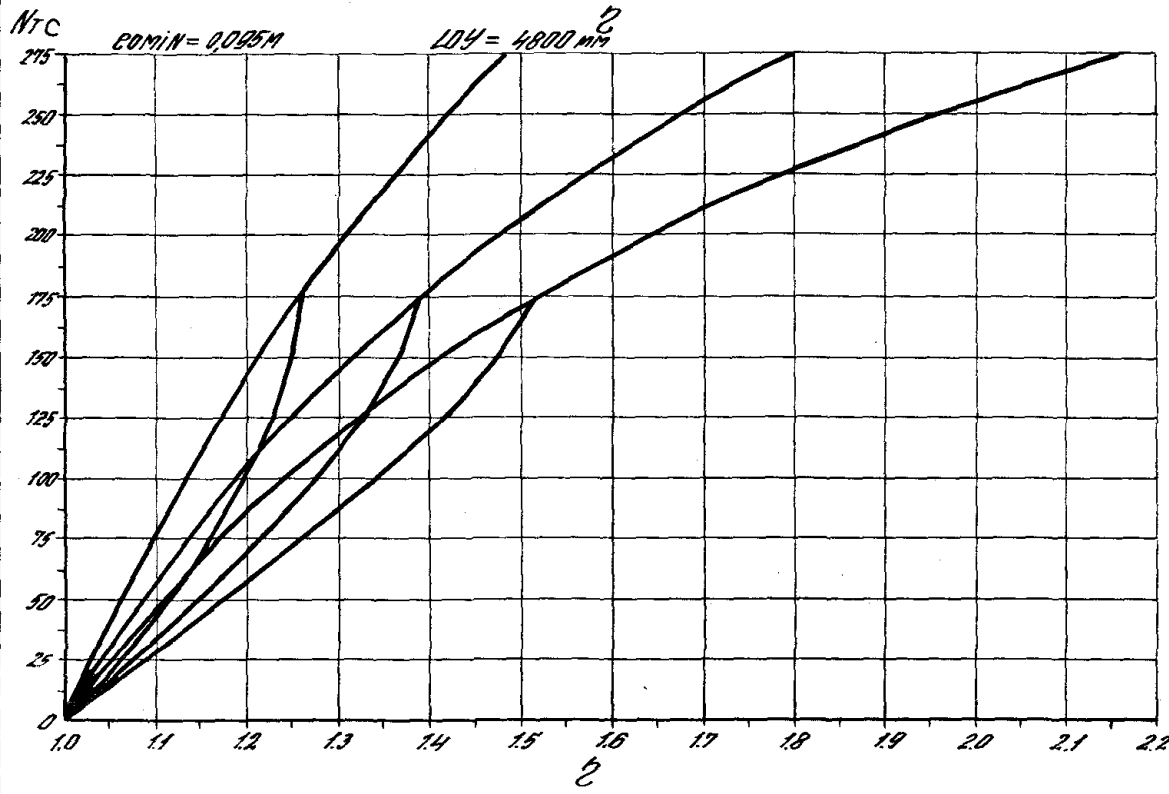
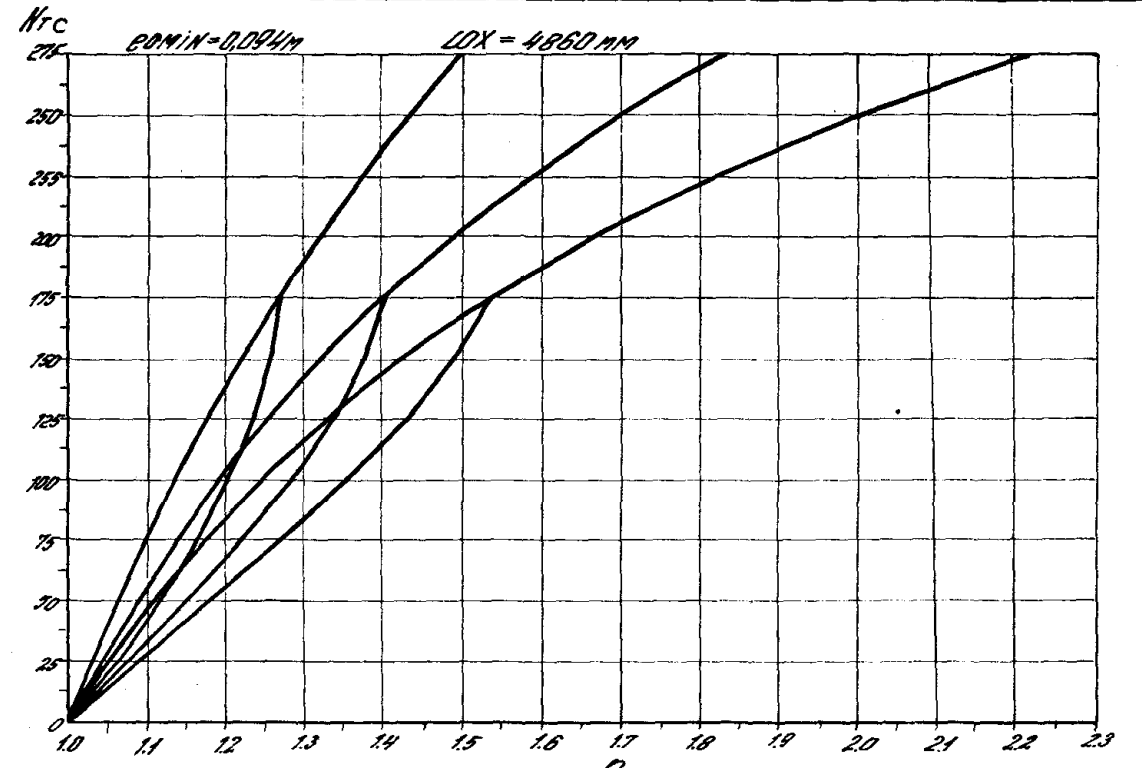
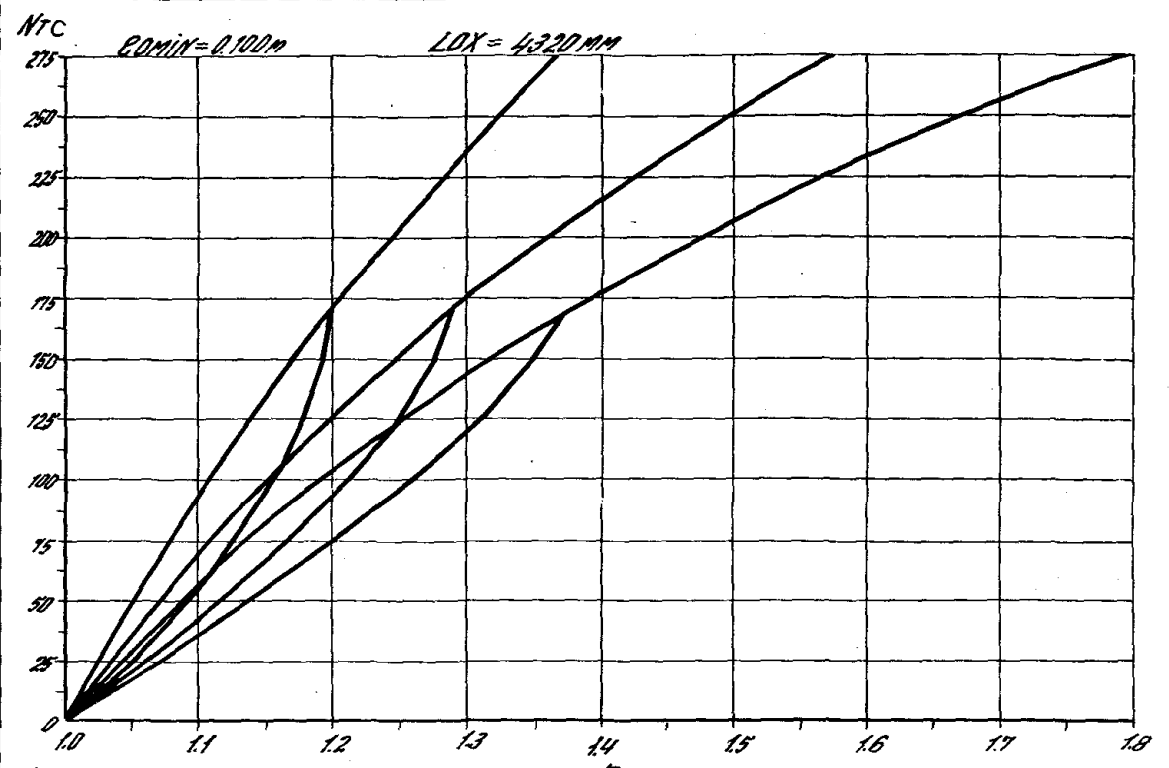


Класс бетона В22,5 ($R_b = 14,3 \text{ МПа}$ при учете $\gamma_{b2} = 1,10$)
 Сталь Ar-IVc
 Код сечения - 110а

МФ. Н. ПОД. ПОДПИСЬ И ПЕЧАТЪ

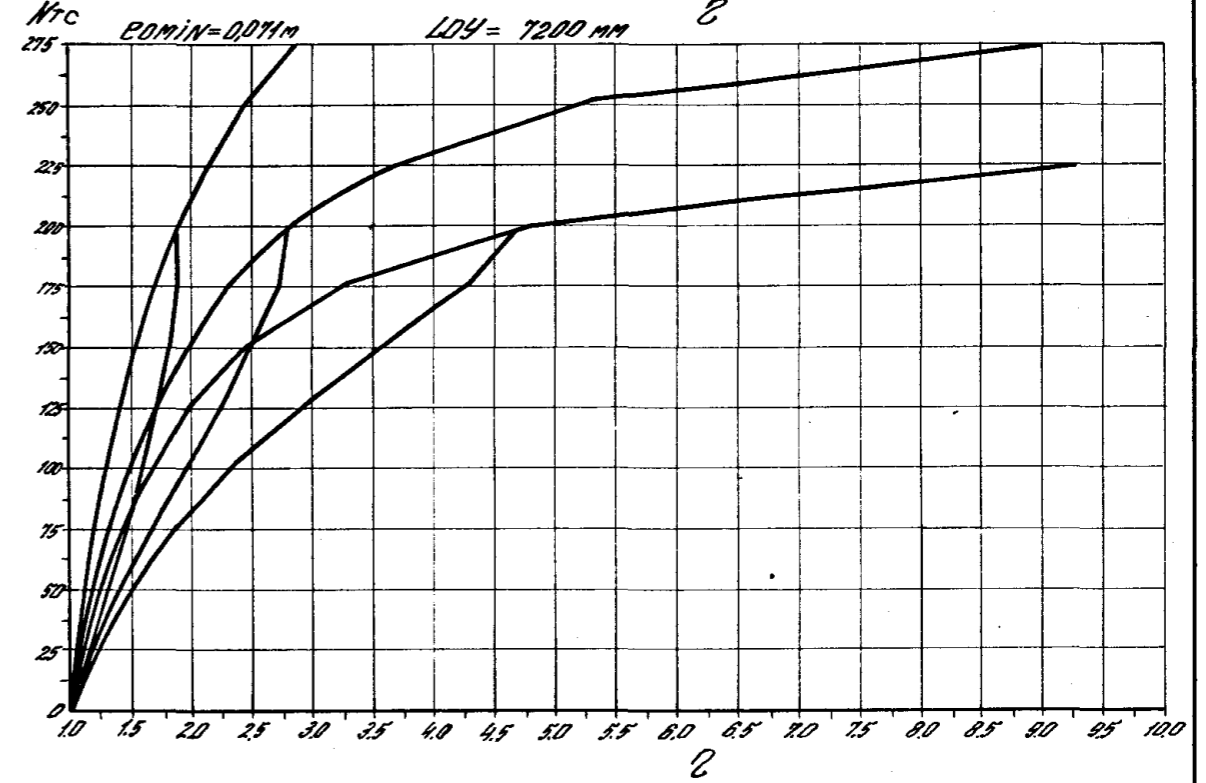
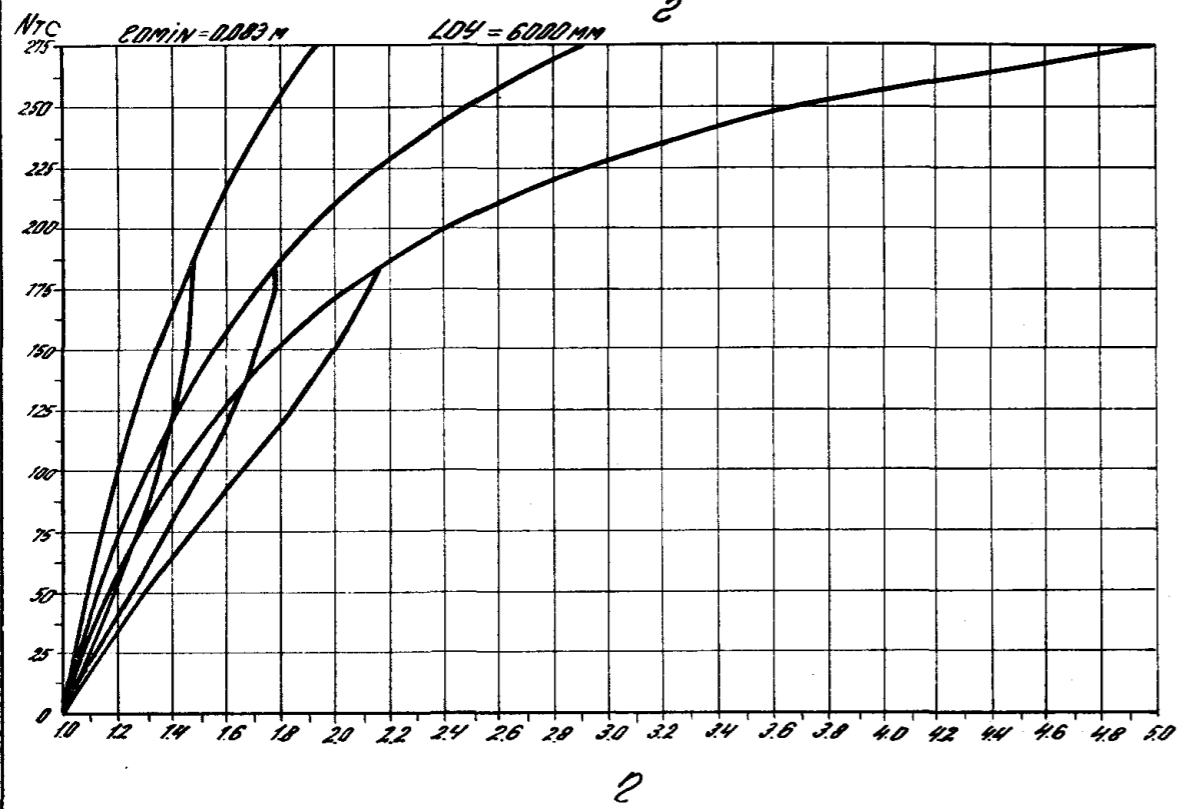
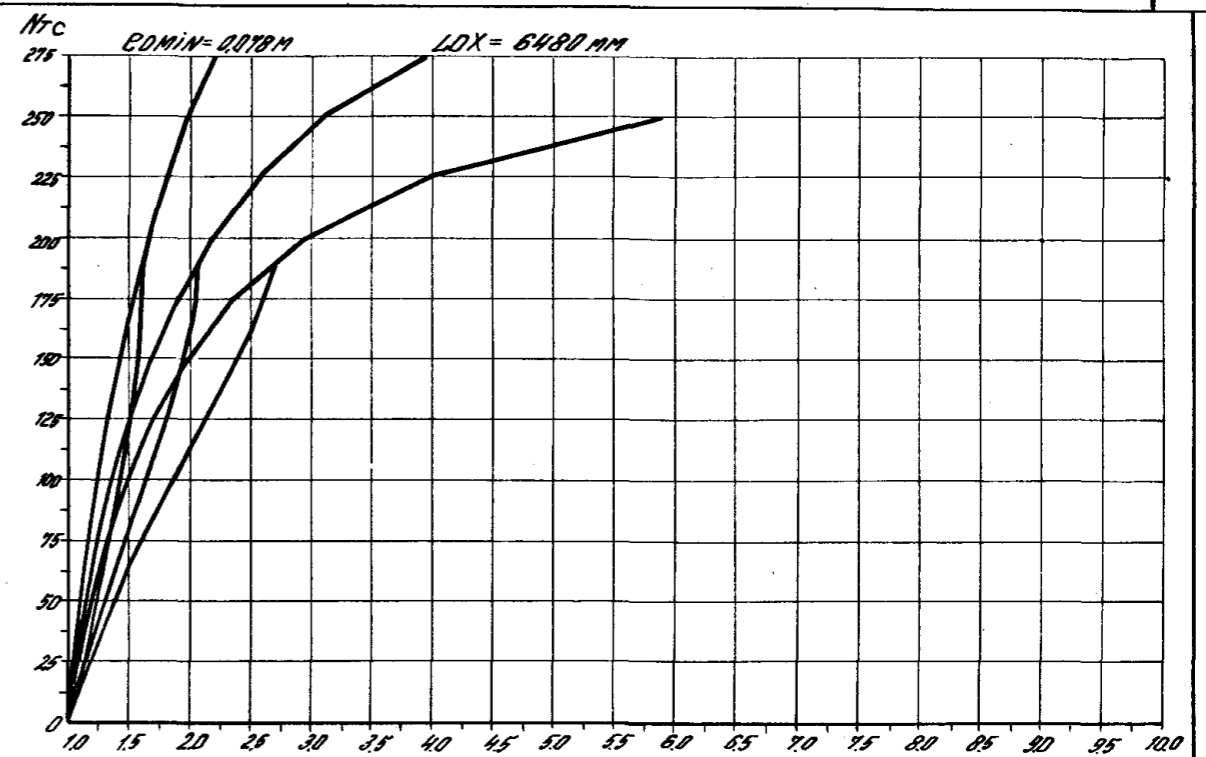
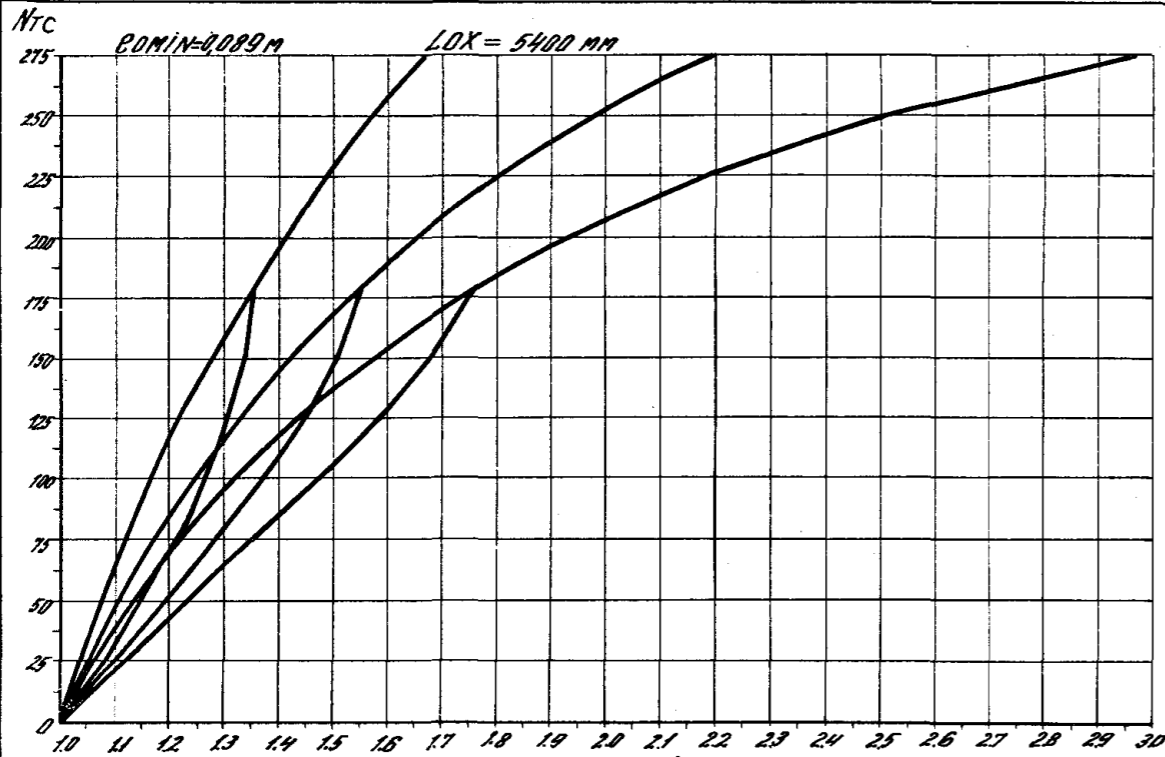


1.00 1.05 1.10 1.15 1.20 1.25 1.30 1.35 1.40 1.45 1.50

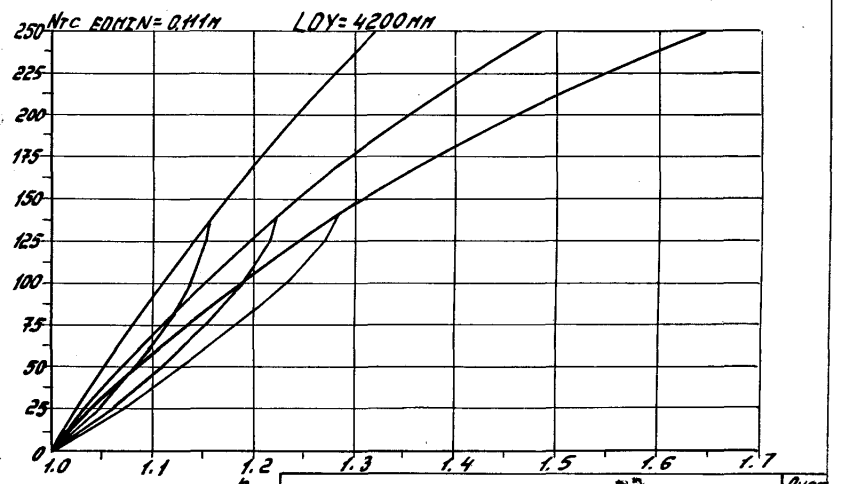
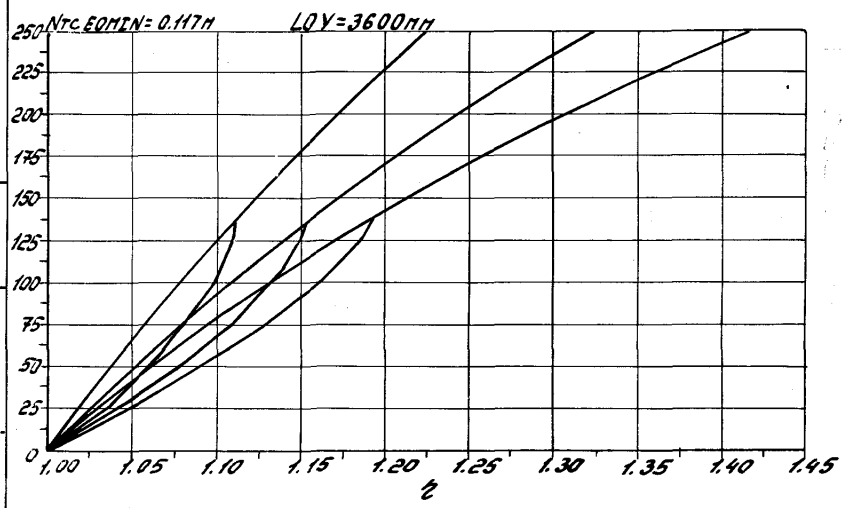
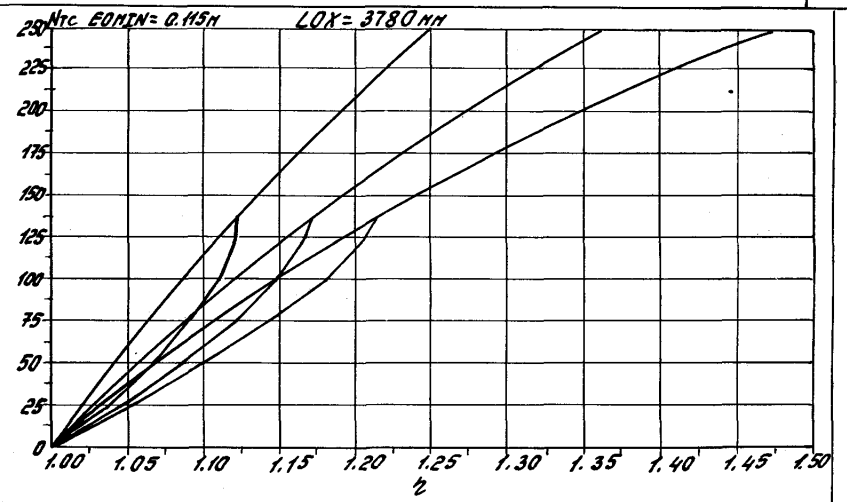
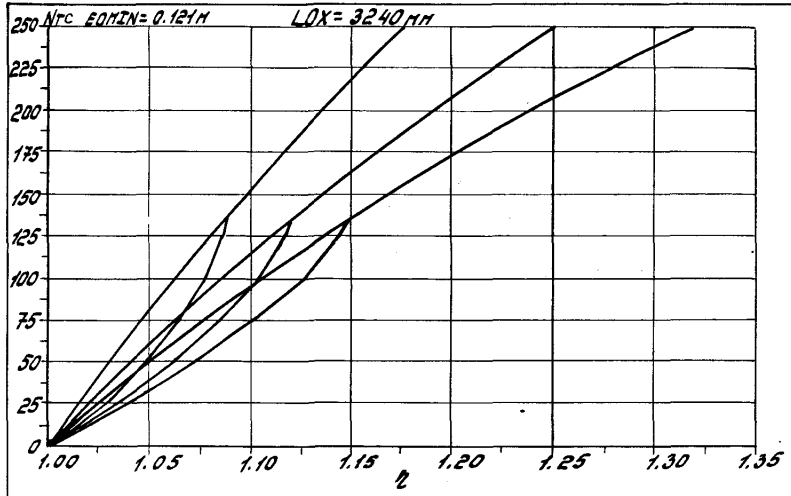


1020. 1-4 0-9 002 75

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75



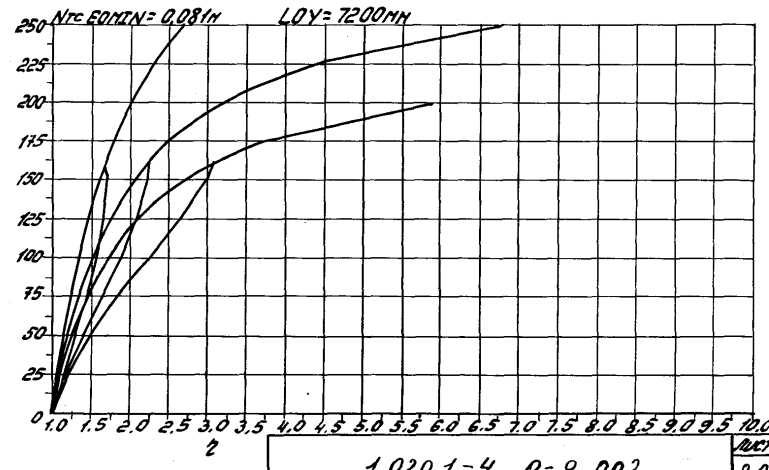
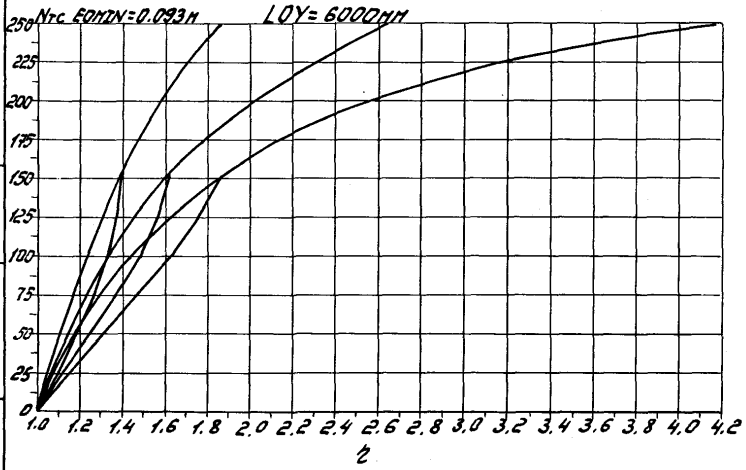
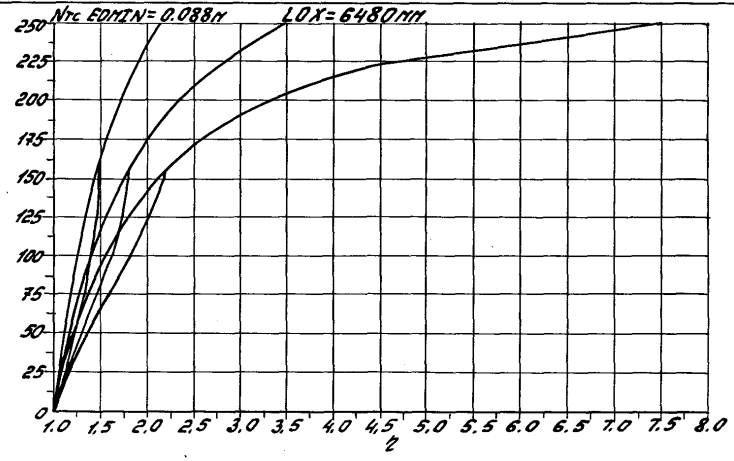
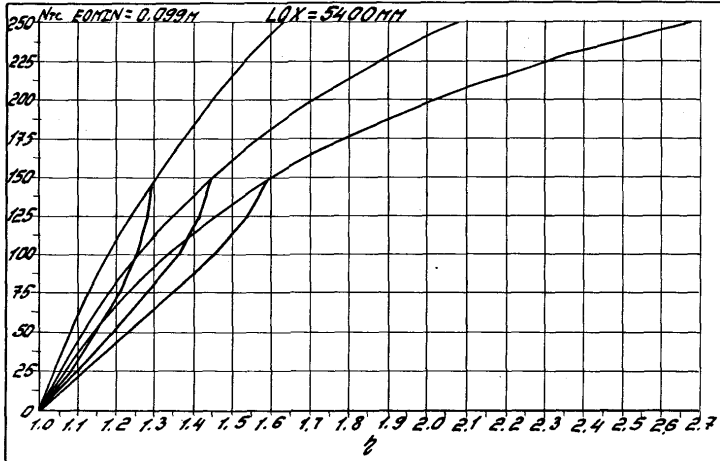
No. 1000 mm x 1000 mm
 No. 1000 mm x 1000 mm



Unit: NTC EDMIN = 0.117M

1.020.1-4 0-9 002

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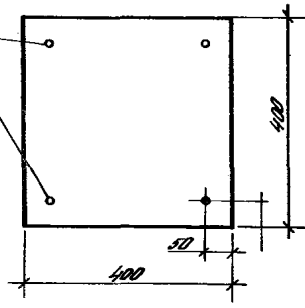


Угол наклона трапеции к вертикали, градусами

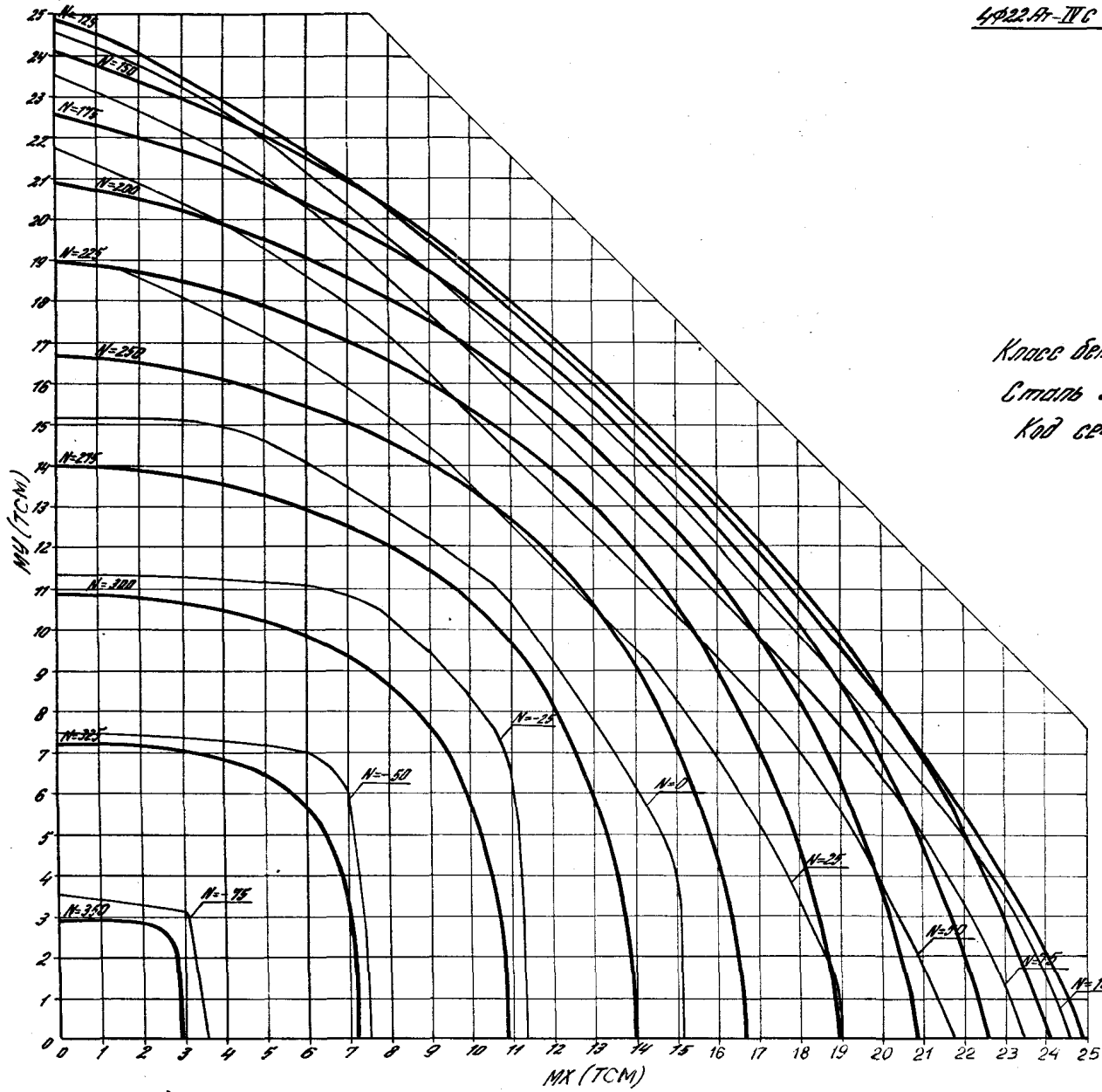
1.020.1-4 0-9 DD2

80

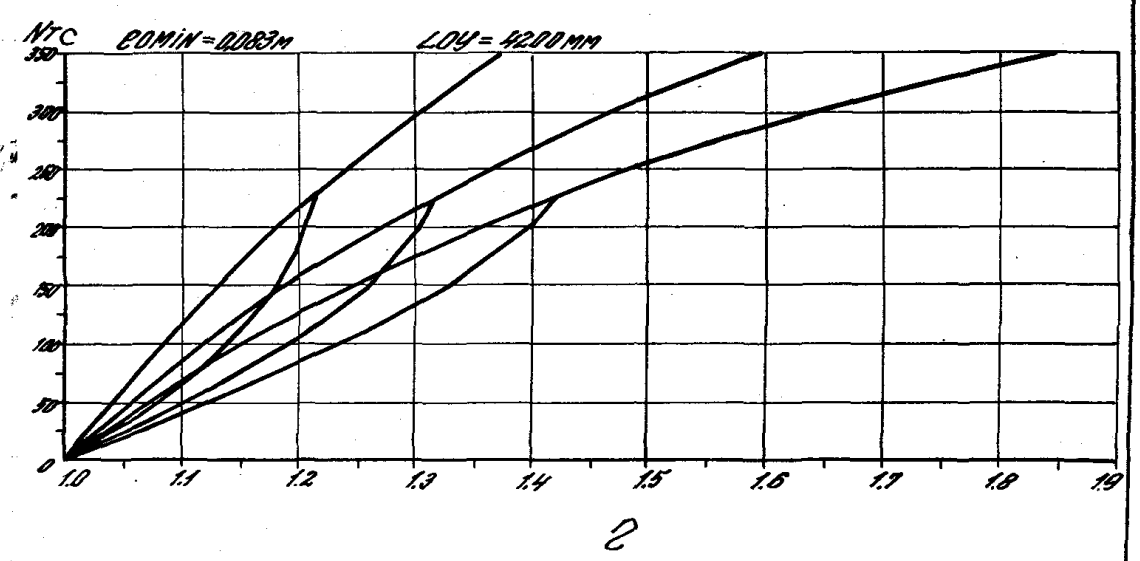
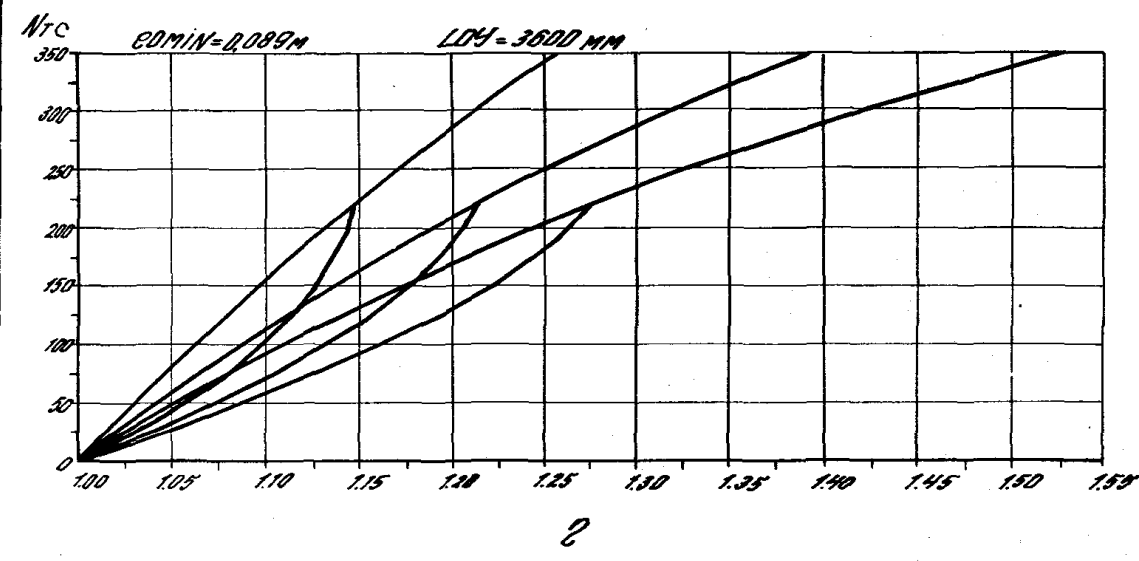
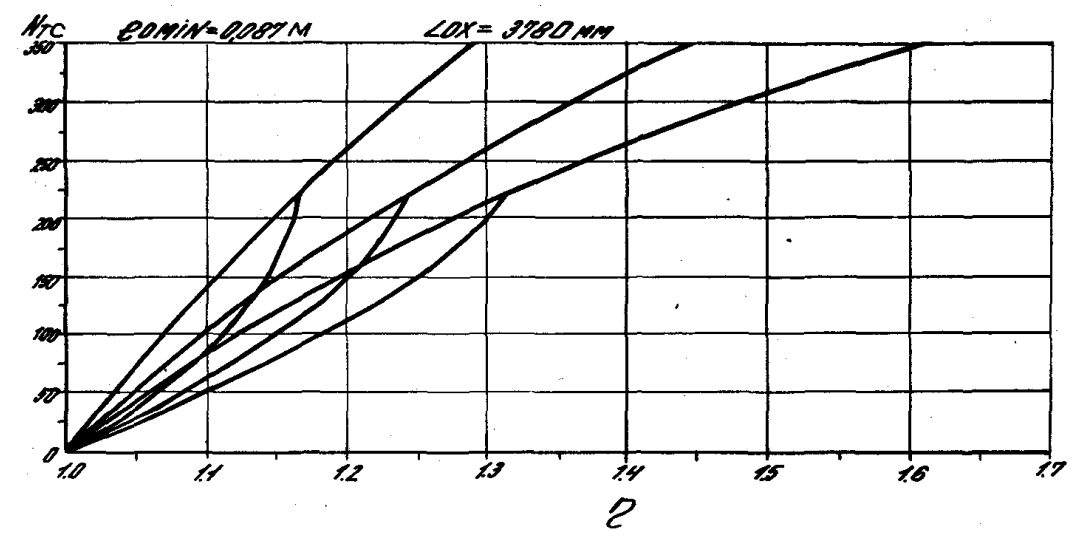
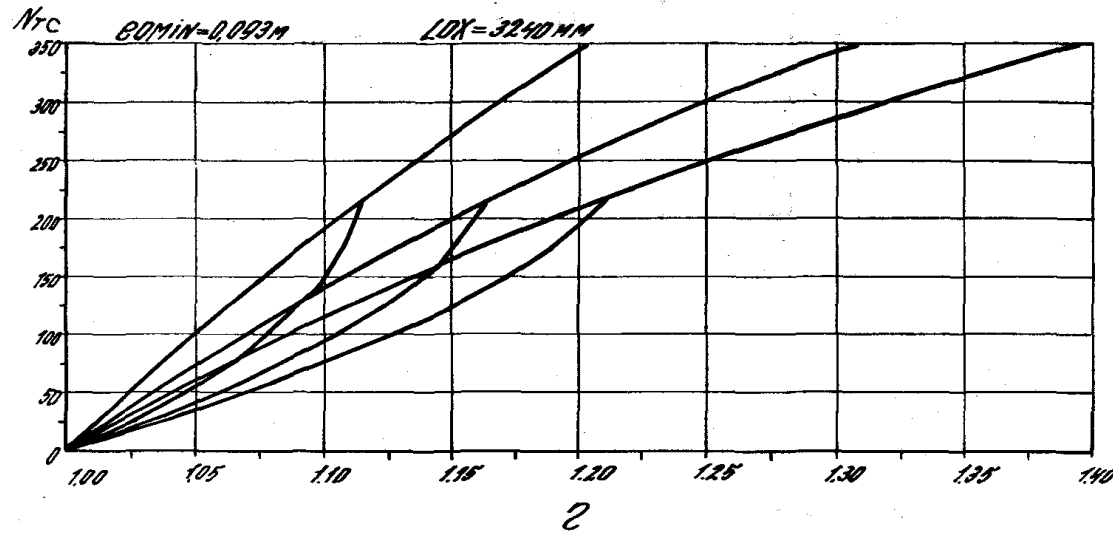
4Ф22А-IVС

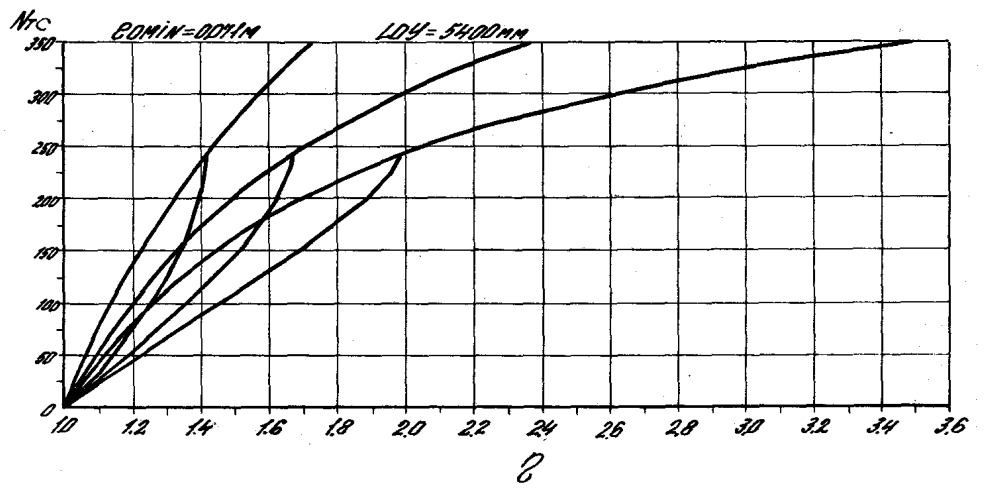
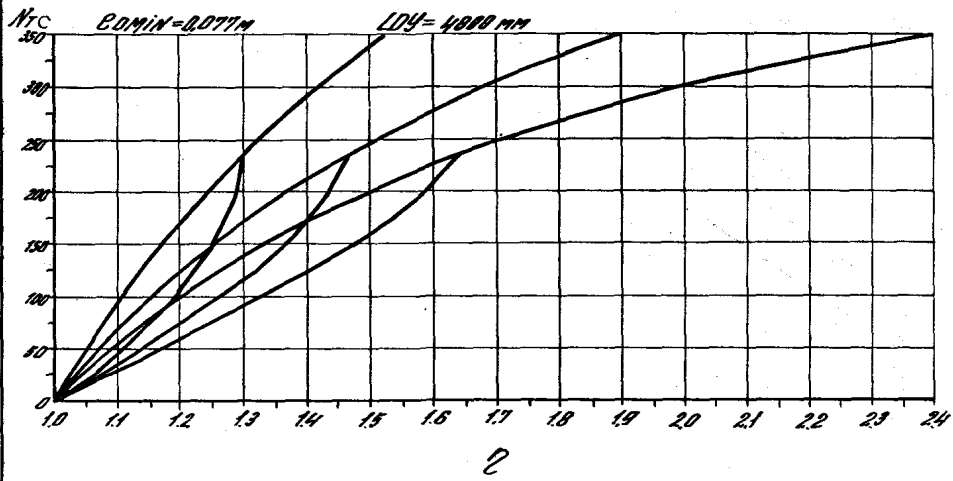
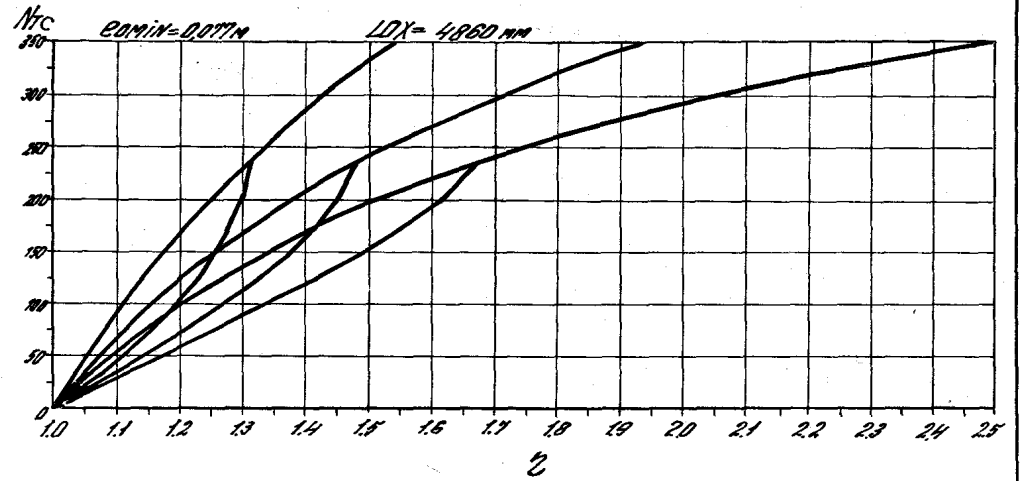
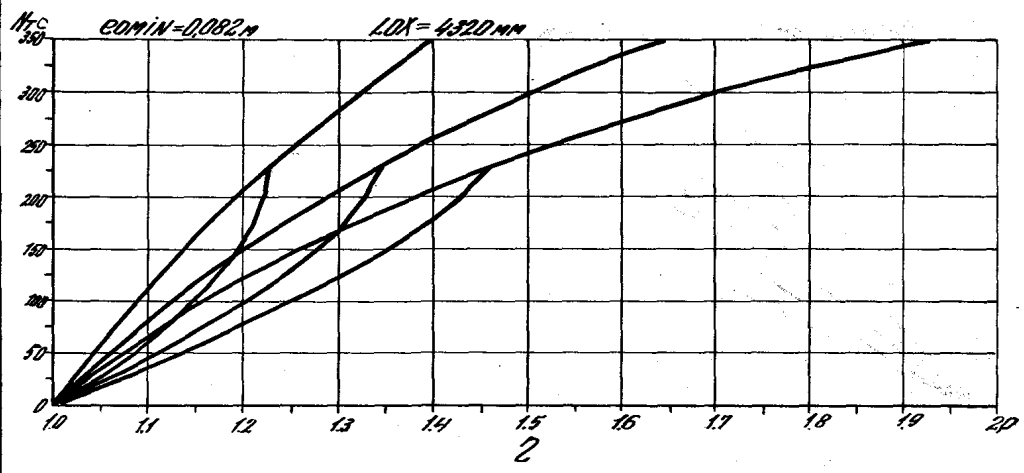


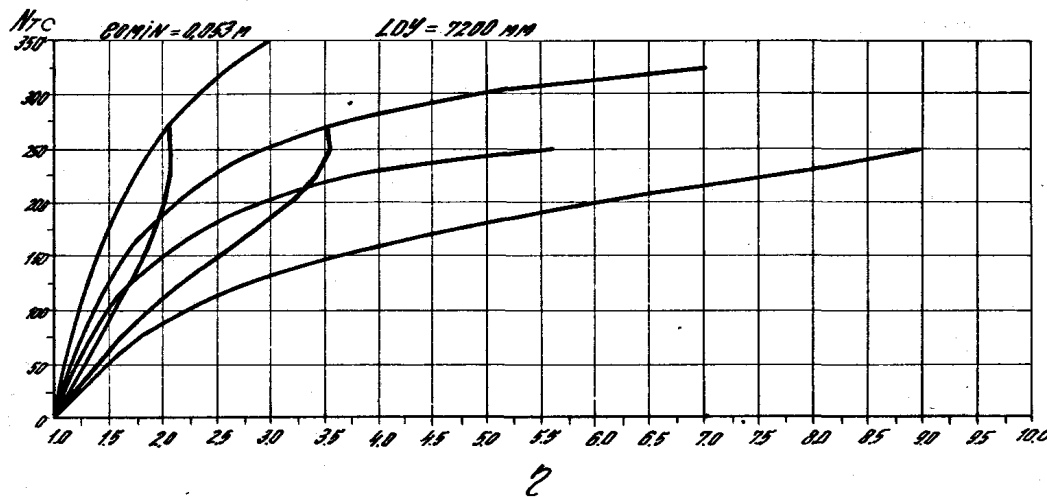
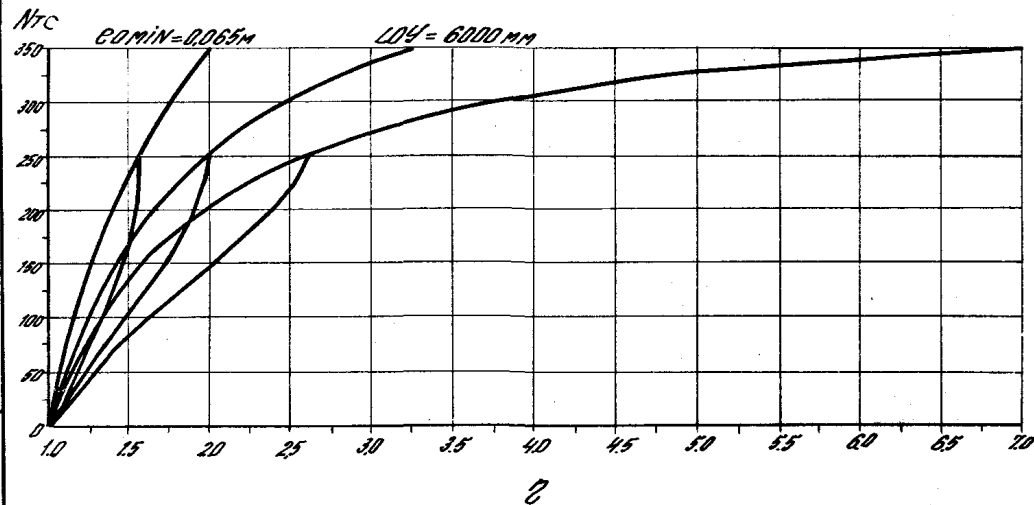
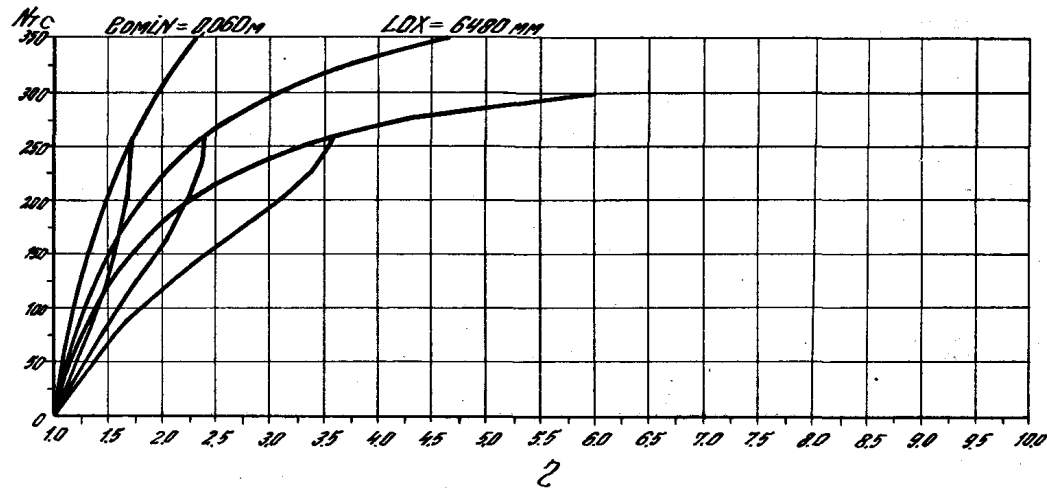
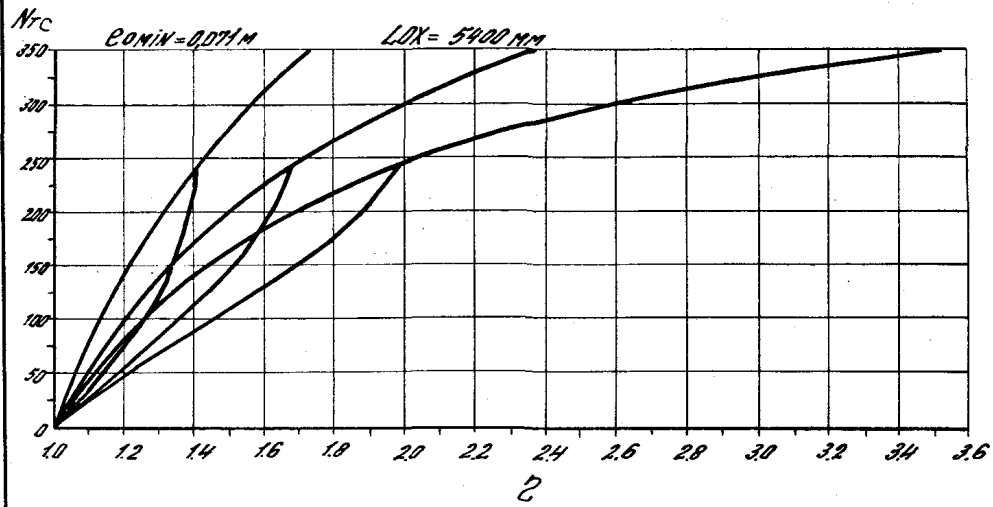
Класс бетона В300 ($R_b = 18,7$ МПа при учете $\gamma_{bc} = 1,10$)
Сталь АТ-IV с
Код сечения - 11а



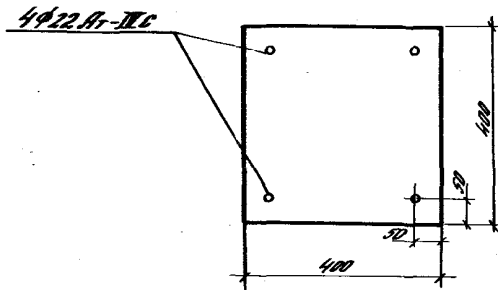
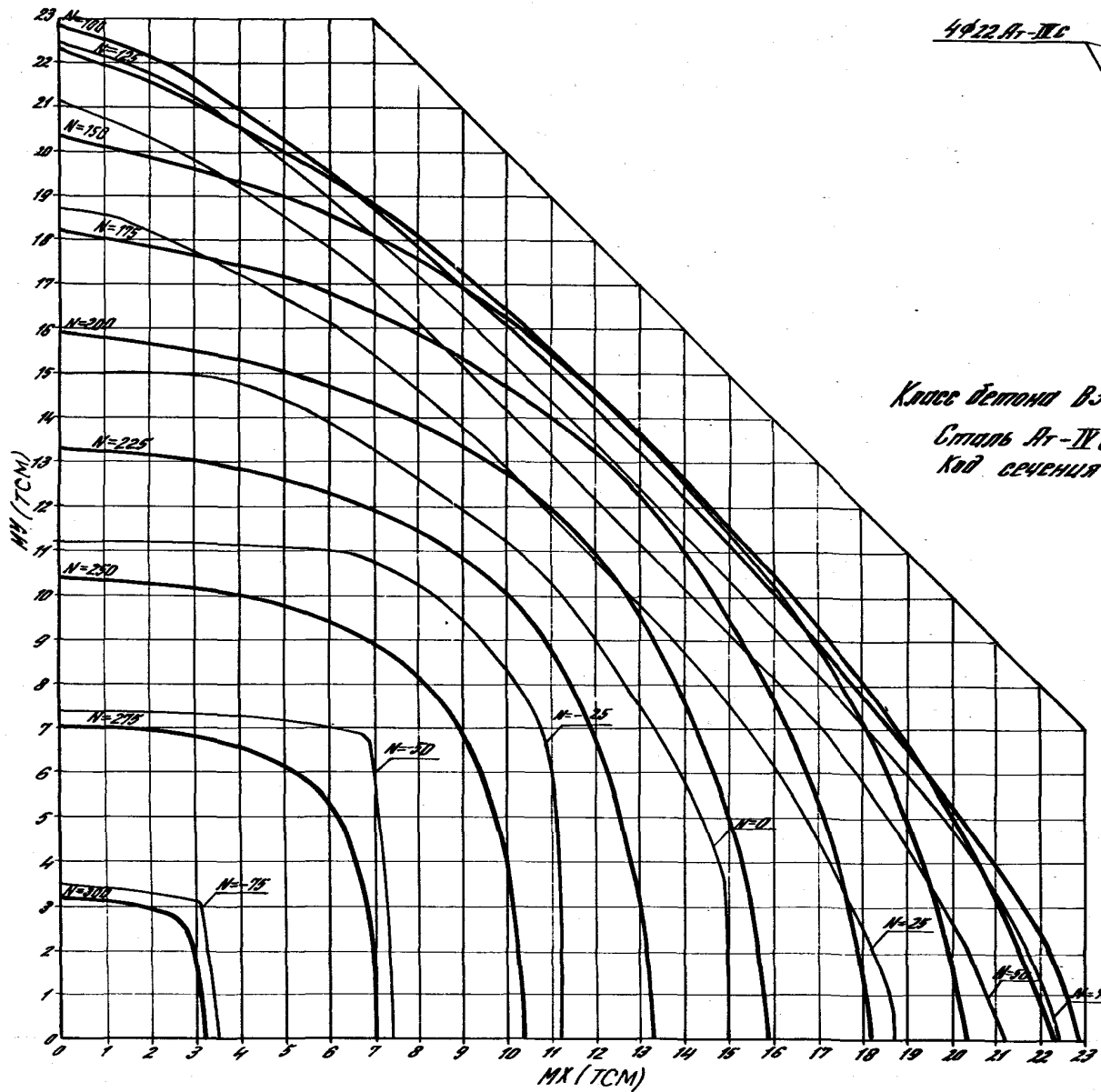
Вопросы и ответы







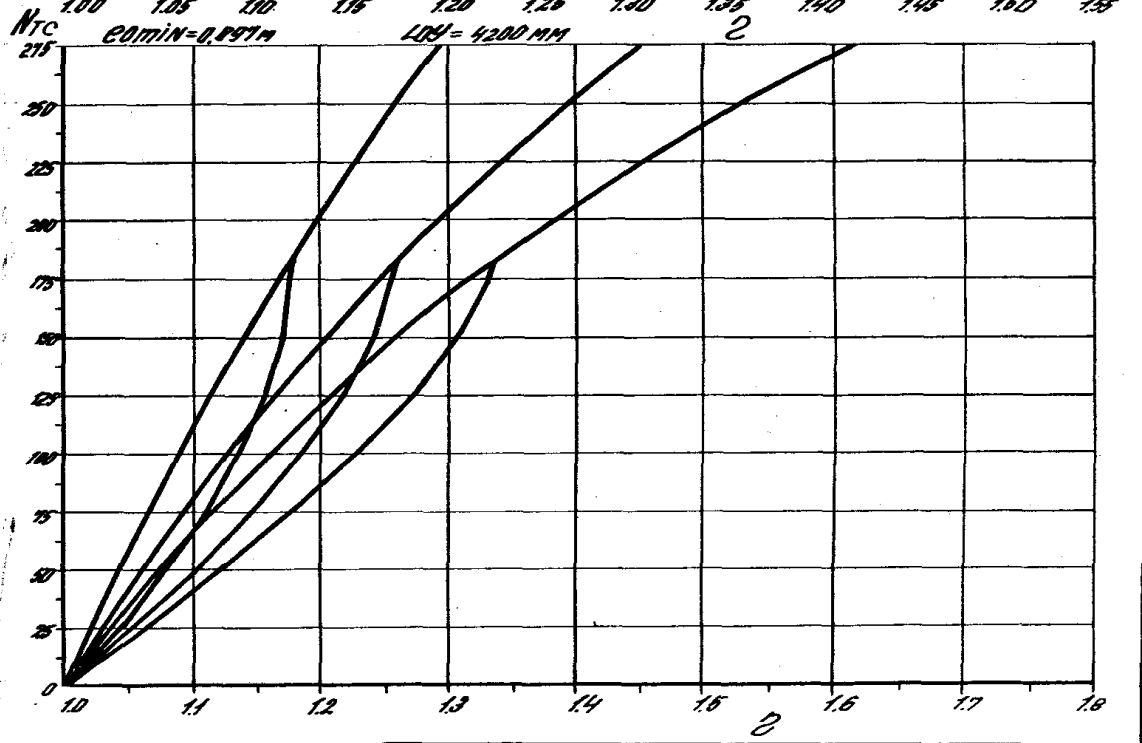
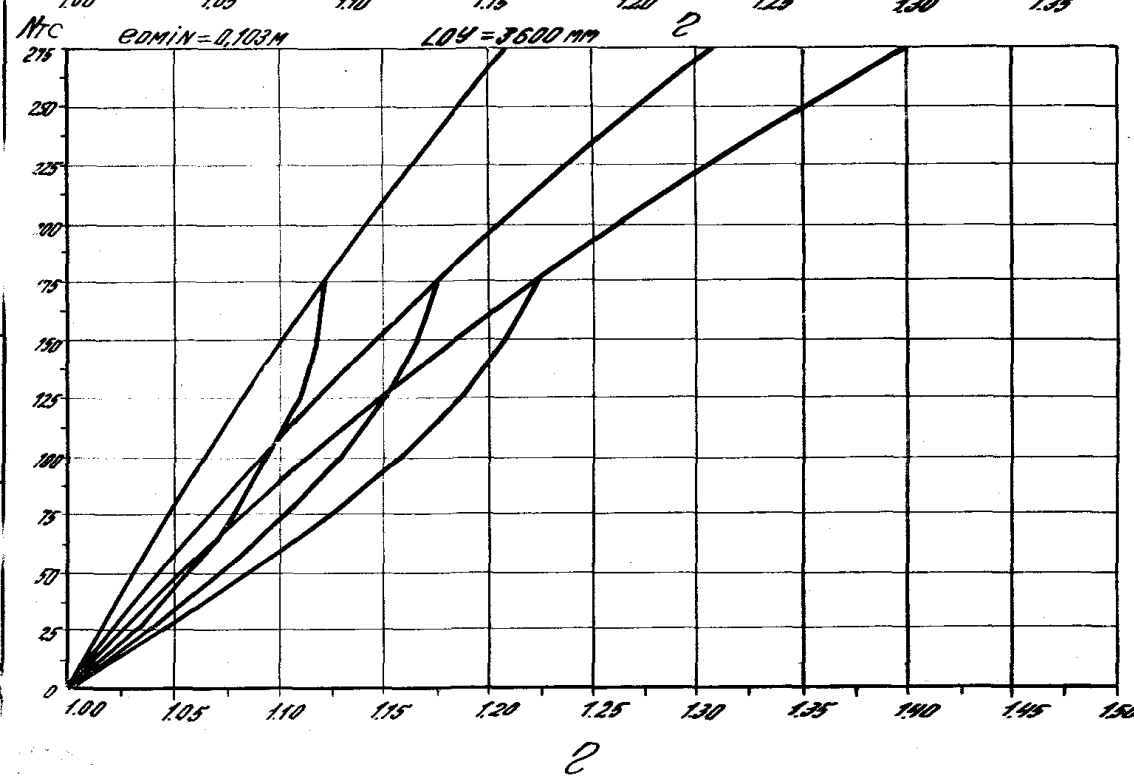
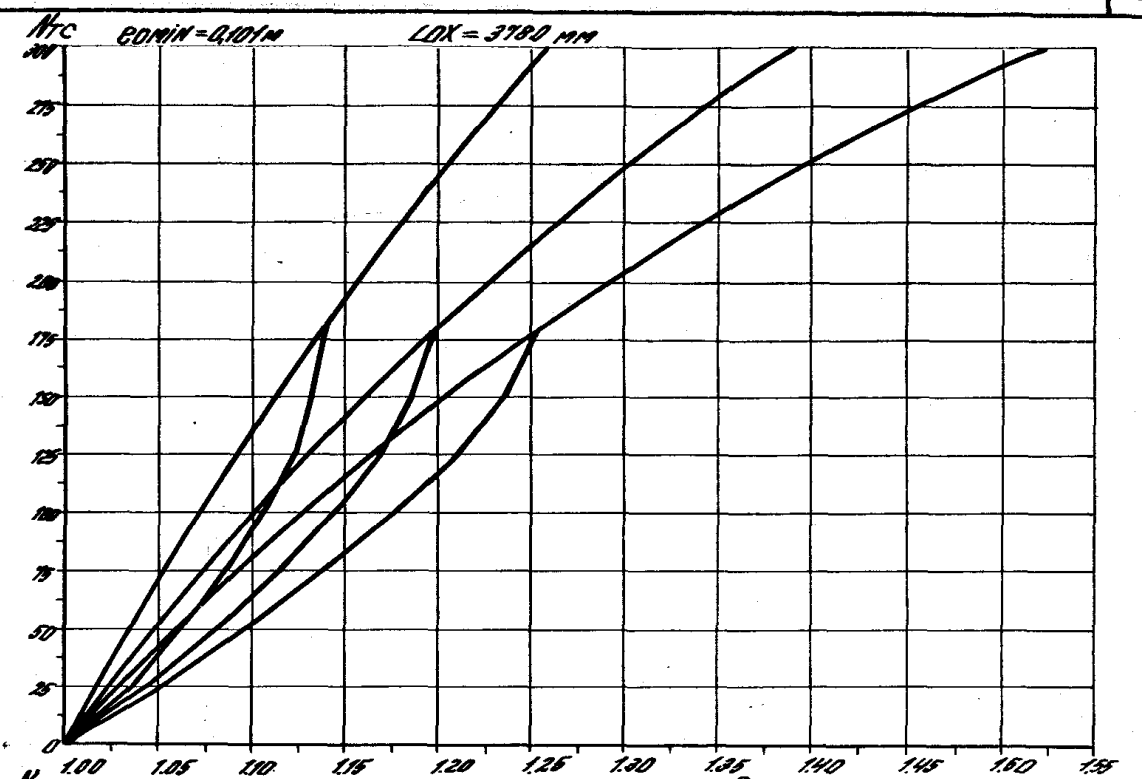
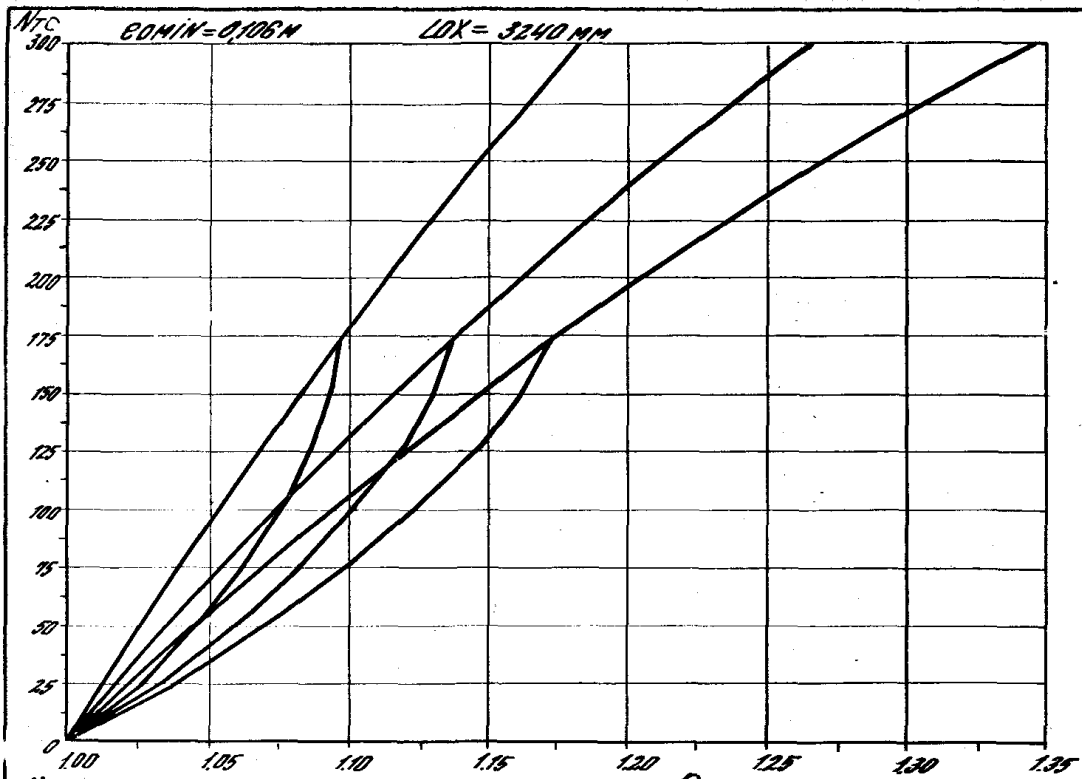
1.020.1-4
 0-9 002
 84

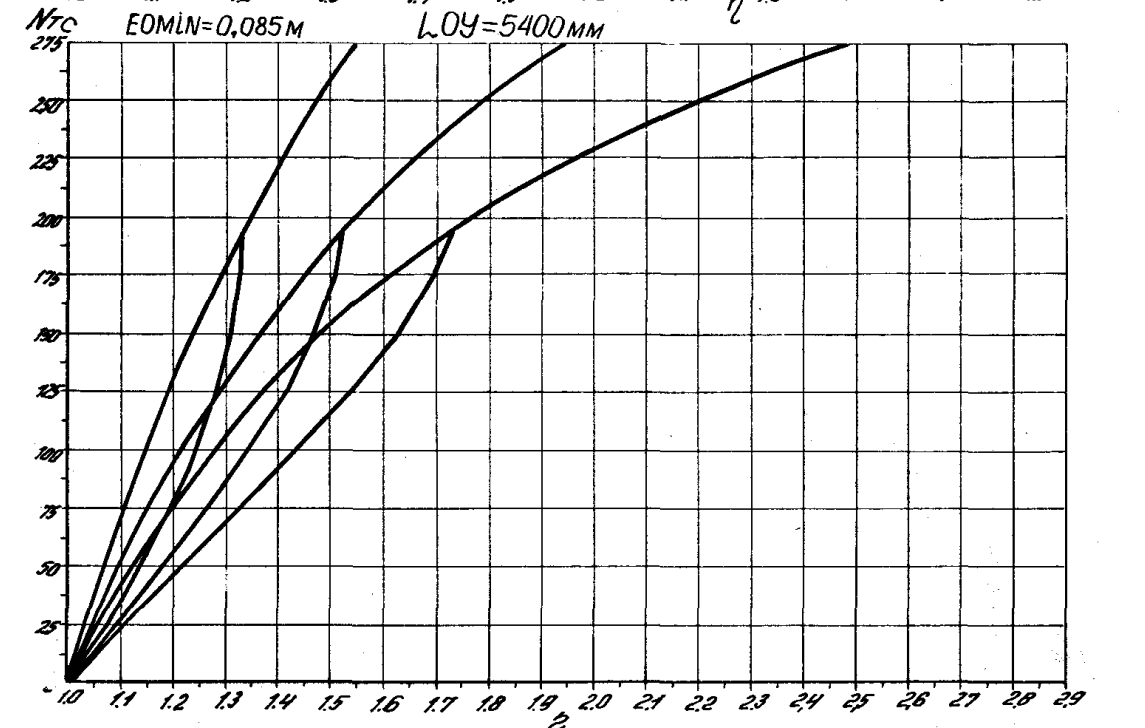
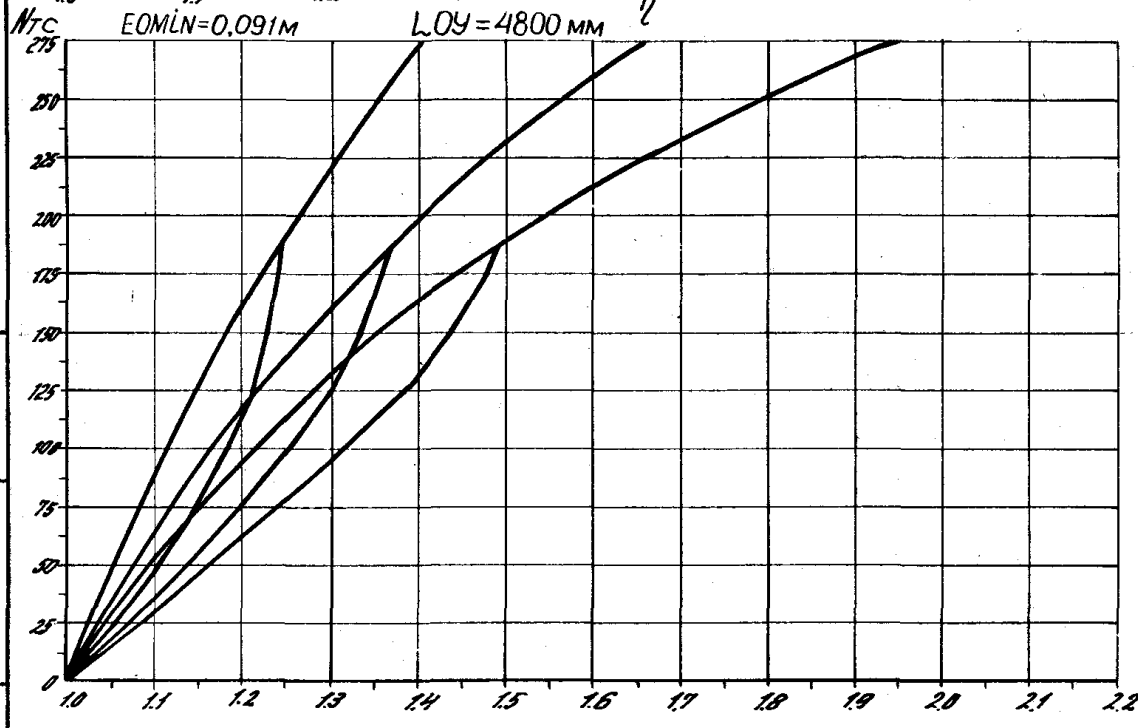
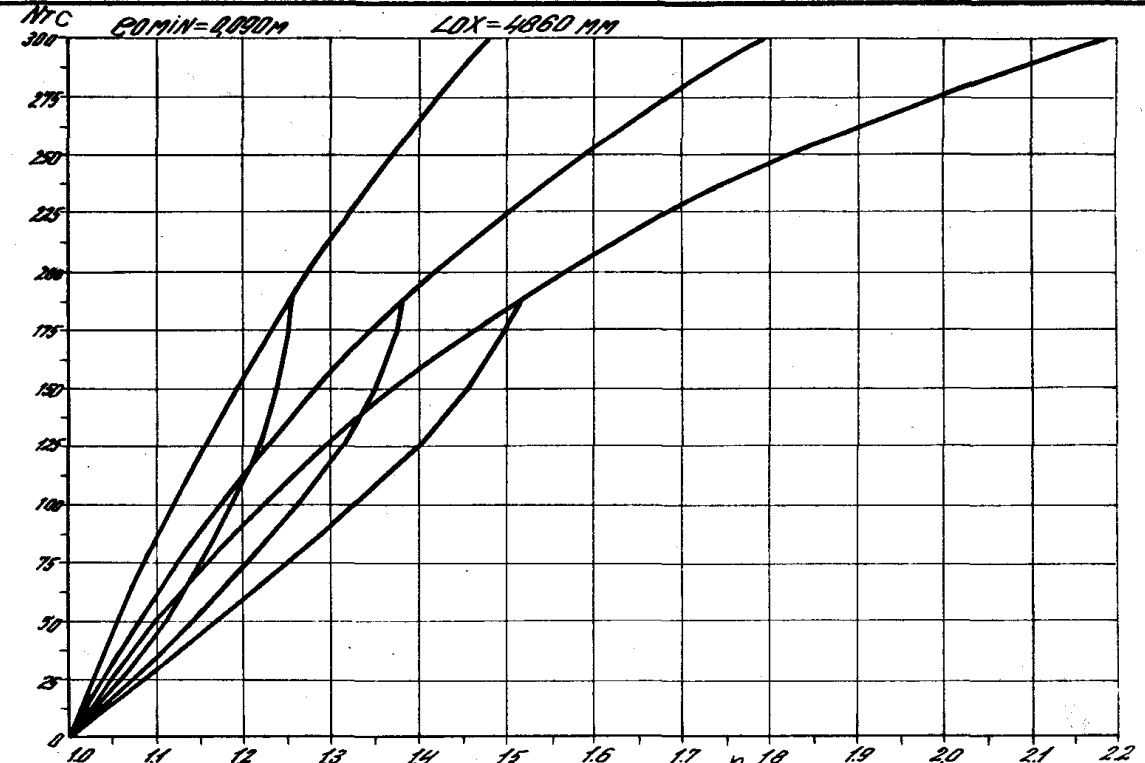
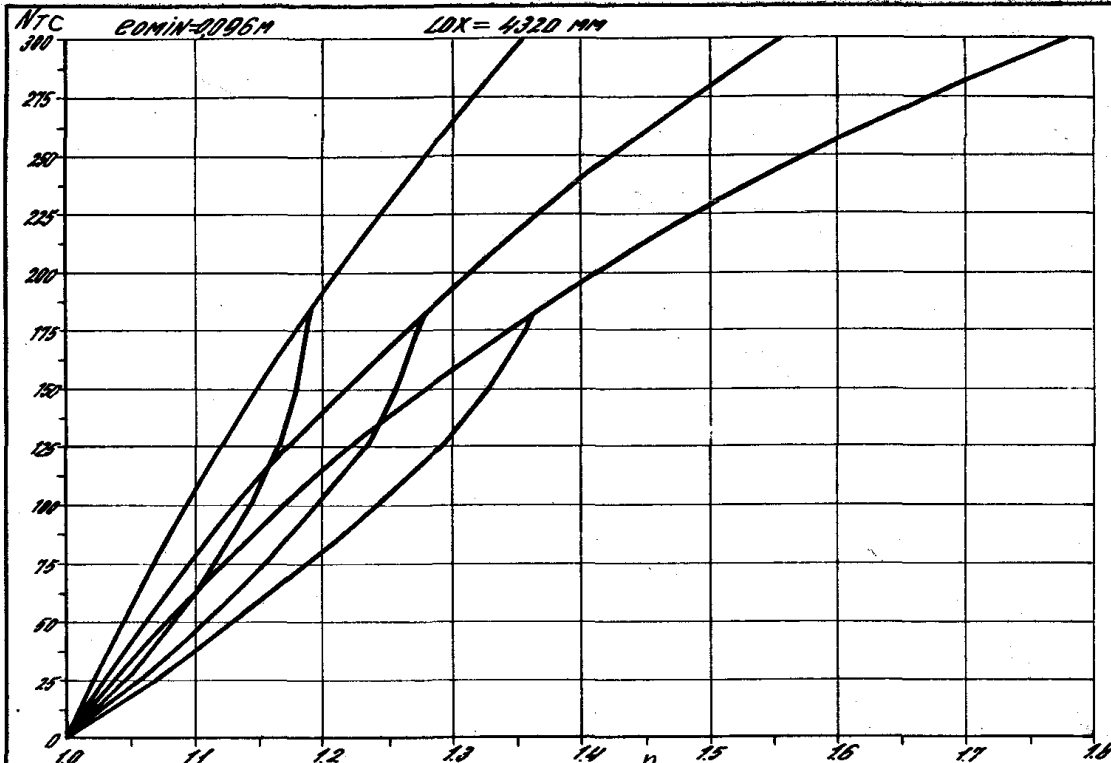


Класс бетона В30.0 ($R_b = 15$ МПа при учете $\gamma_b = 0.90$)
 Сталь А-I с
 Код сечения - 111Б

Модель и расчеты выполнены в программе AutoCAD

1.020.1-4	0-9 002	Лист 85
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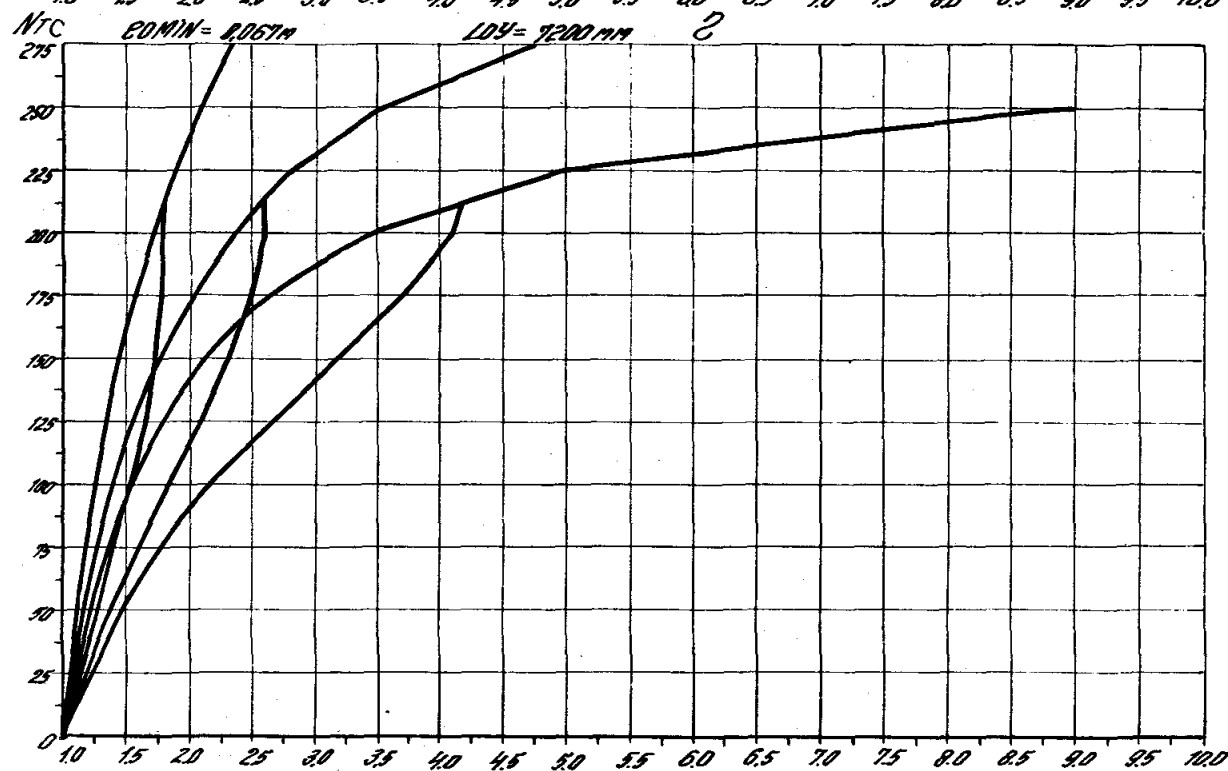
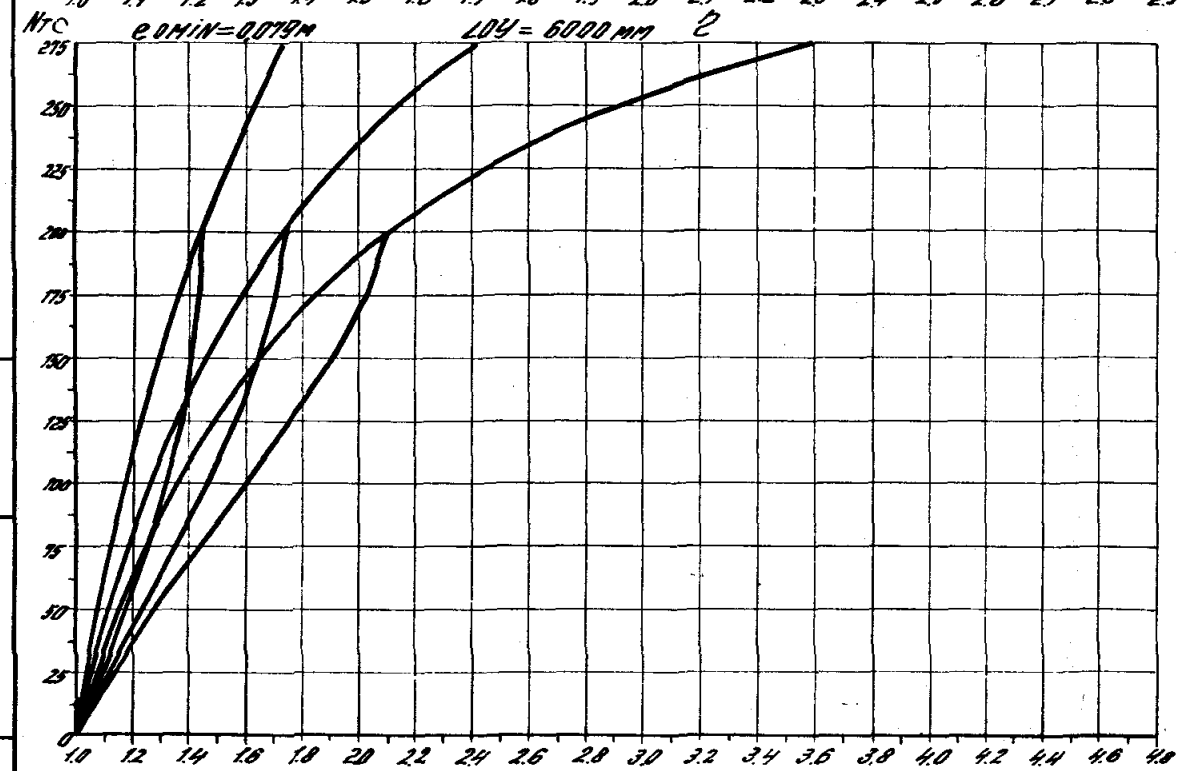
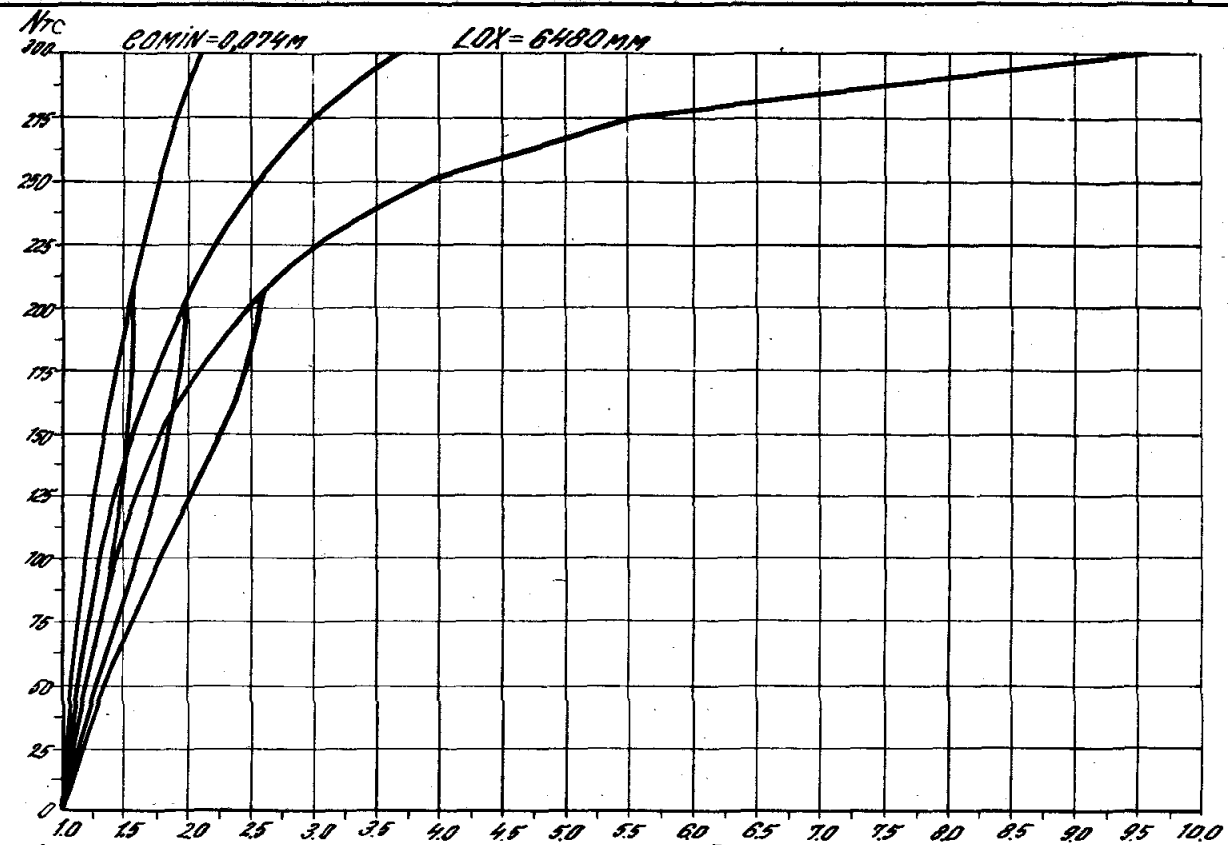
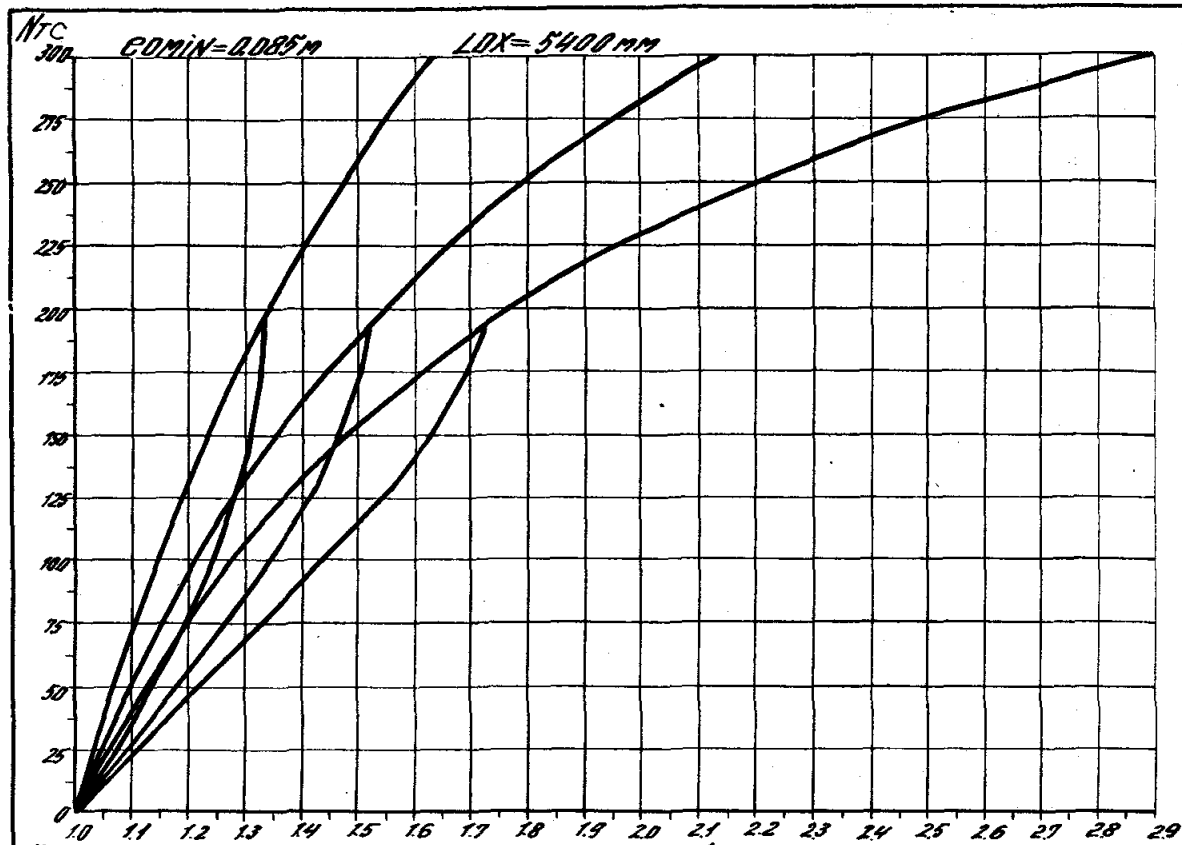


NTC в зависимости от η для разных значений

2

1.020. 1-4 0-9 002

Лист
87



МФБ. А. П. ОДИ. ПОДРОБНОСТИ ДИСТАНЦИИ

2

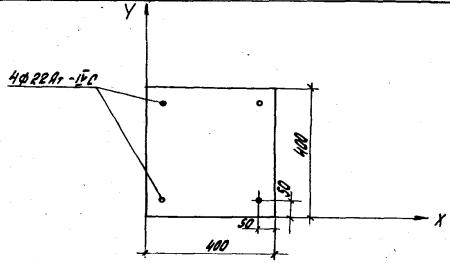
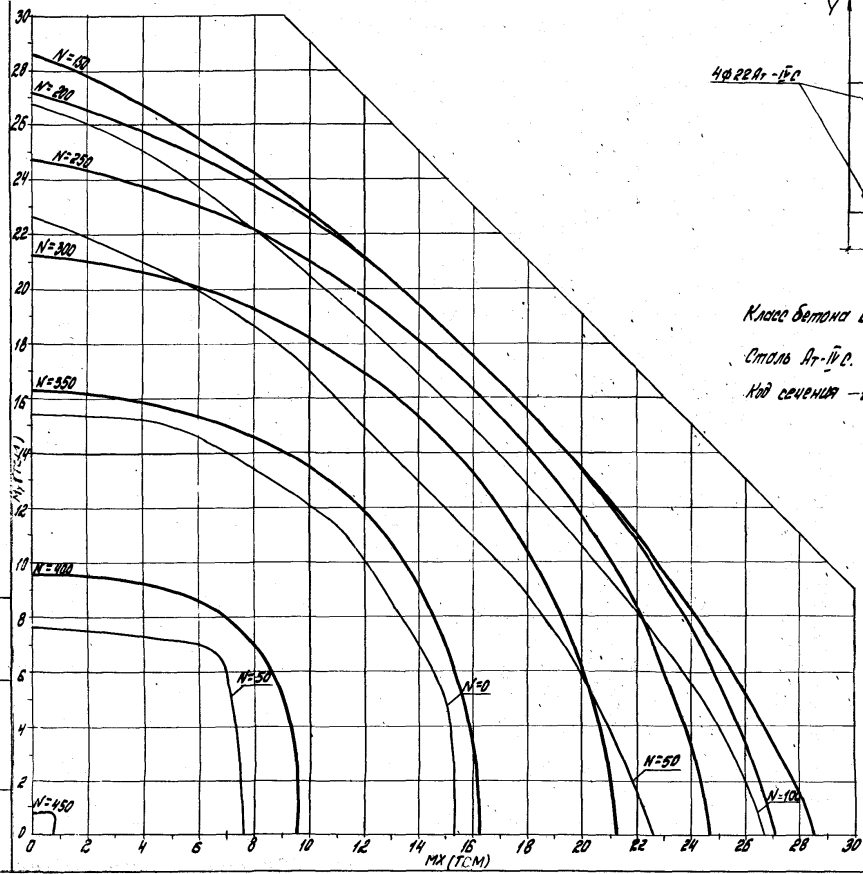
2

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88

2011-01-10

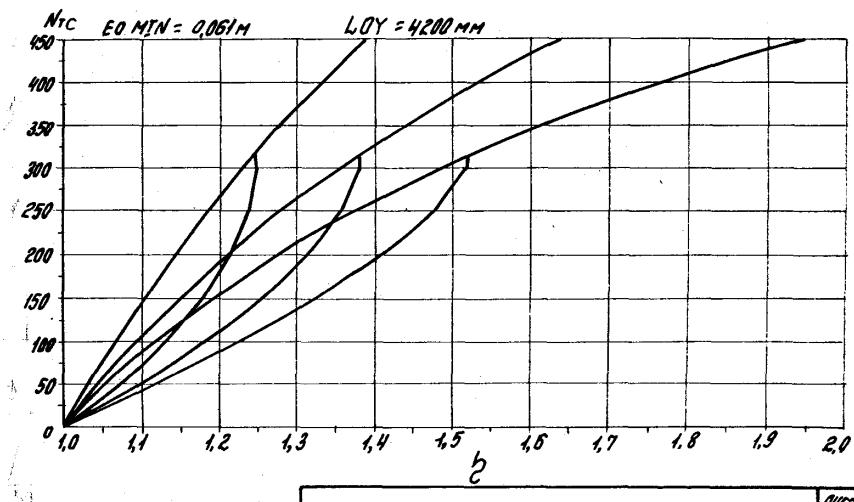
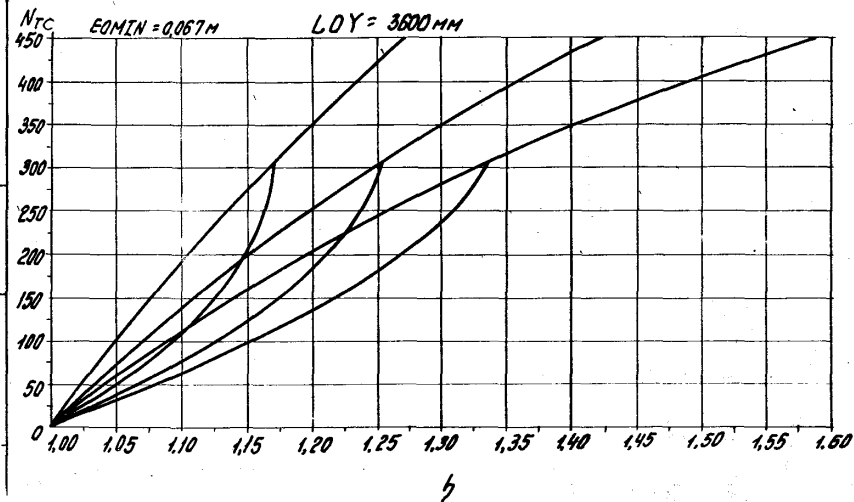
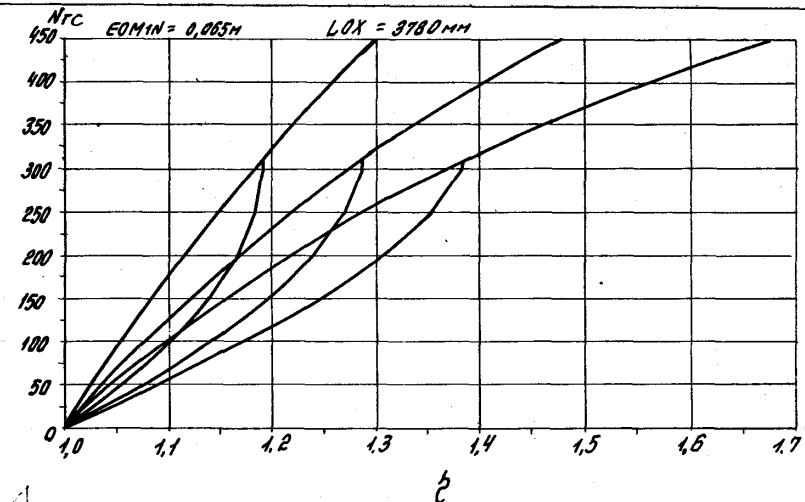
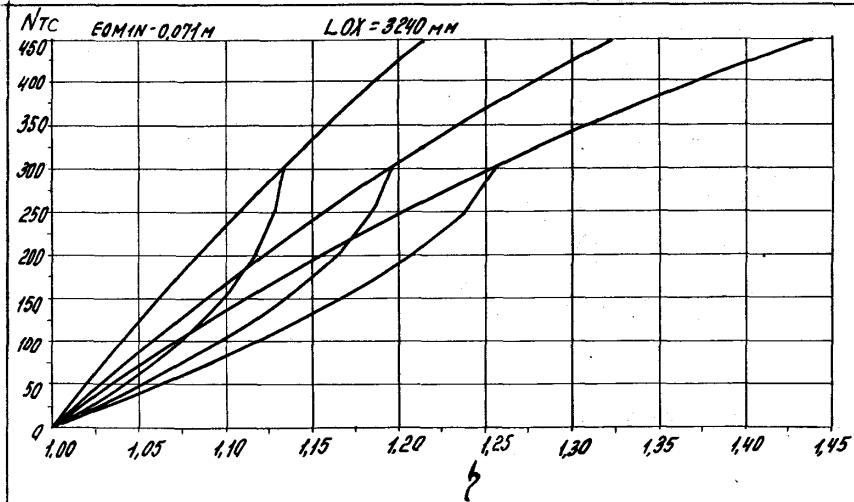
УКАЗАНЫ НАД. И ПОДПИСАНЫ ИЛИ ПОДПИСАНЫ ОБЪЕКТ УЧАСТКА



Класс бетона В40,0 ($R_b = 24,2 \text{ МПа}$ при $\gamma_{b2} = 1,0$)
 Сталь А1-IV.C.
 Шаг стержней - 112 см.

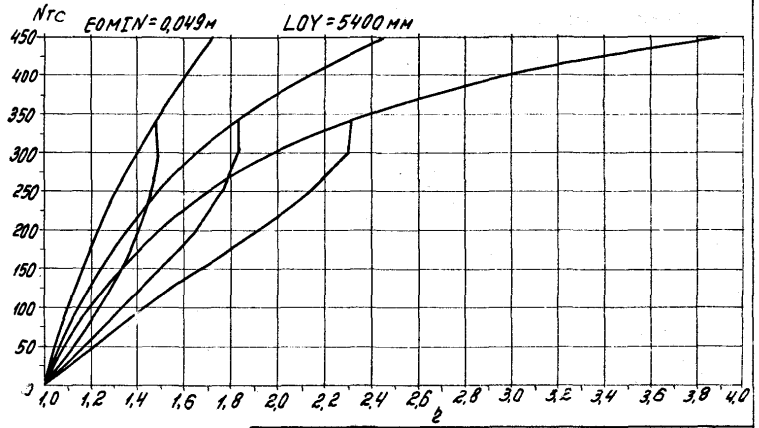
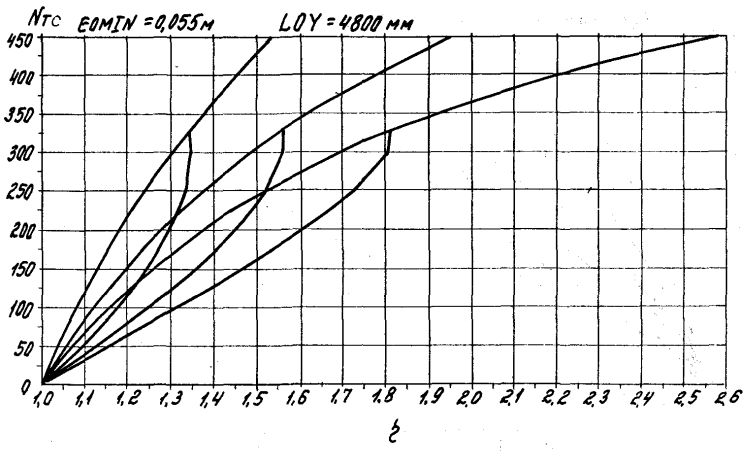
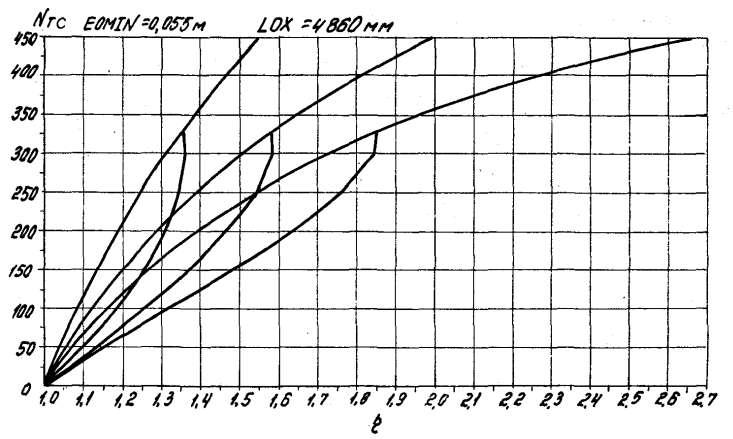
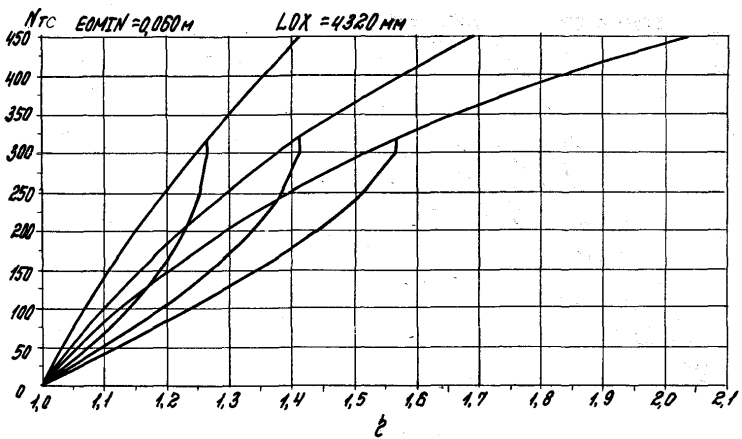
1.020.1-4 0-9 002

№	89
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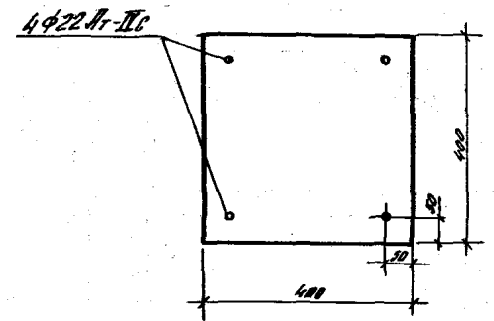
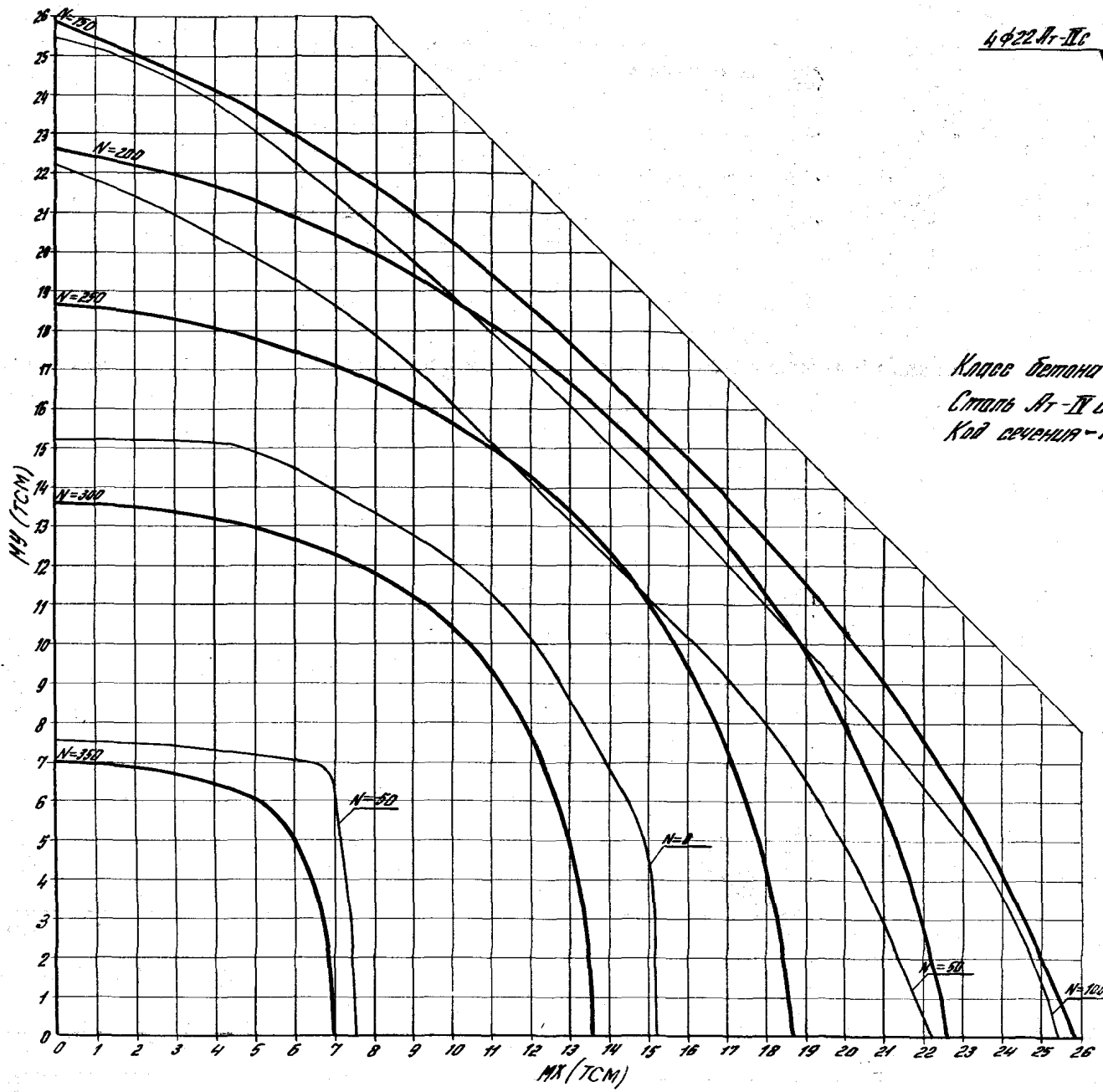


L. 101246 a 20ms

1.020. 1-4 0-9 002 90



1.020 1-4 0-9 002 NUTM
91

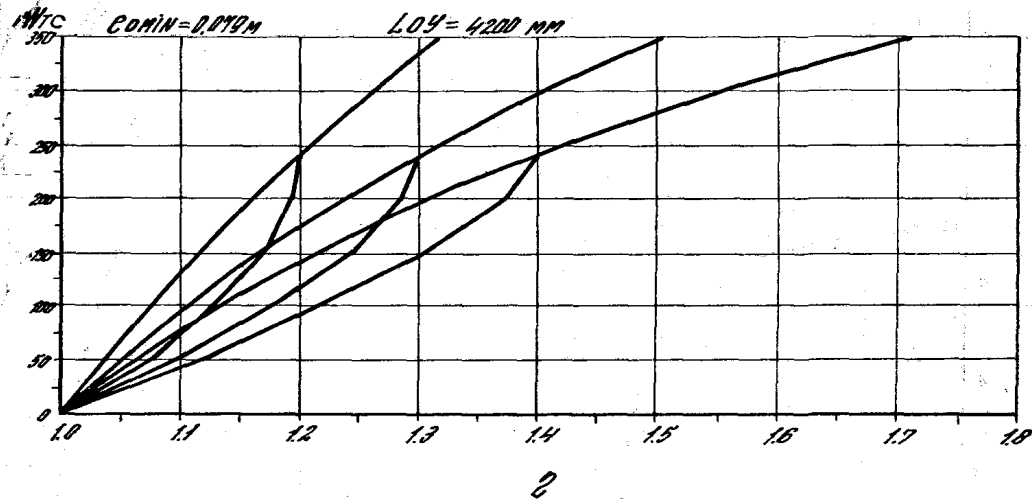
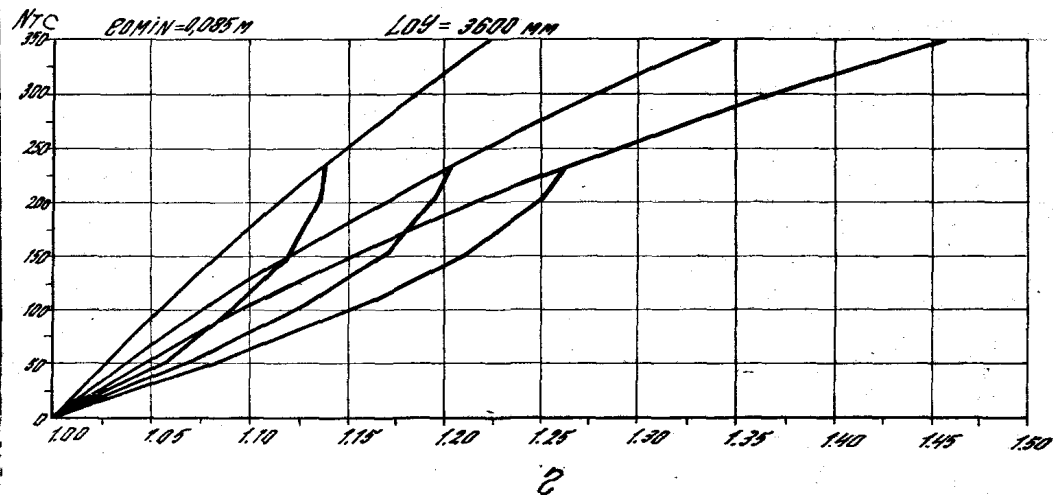
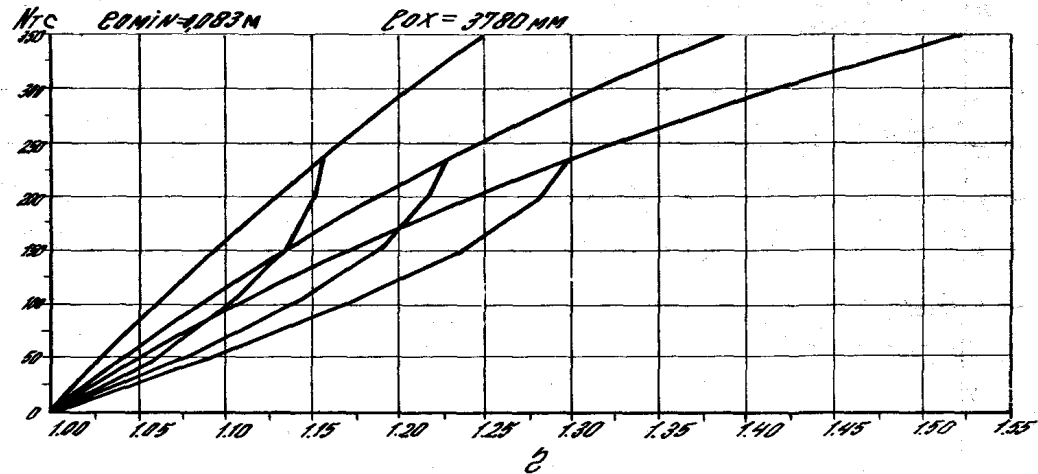
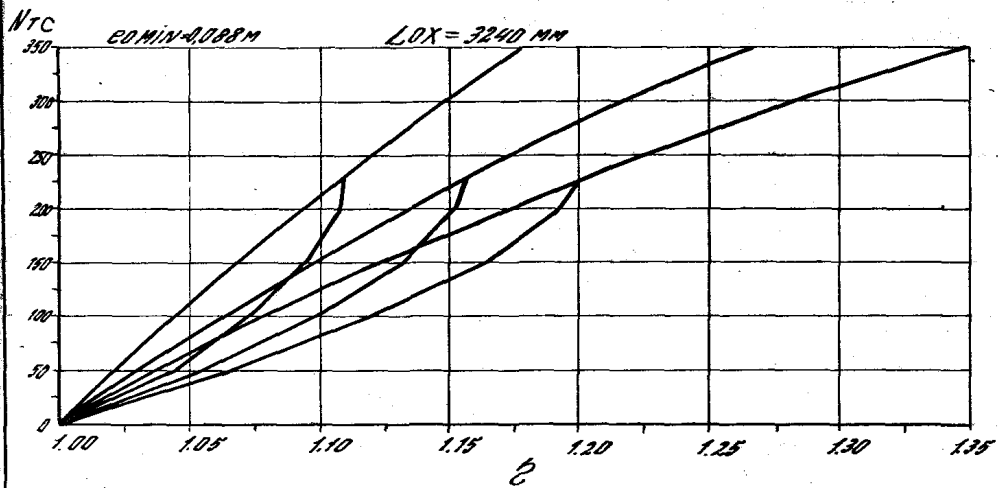


Класс бетона В40,0 ($R_b = 19,8 \text{ МПа}$ при учете $\gamma_{\text{в2}} = 0,90$)
 Сталь А-II с
 Код сечения - 1128

МДБ в работе / Состояние в работе / Выводы и др.

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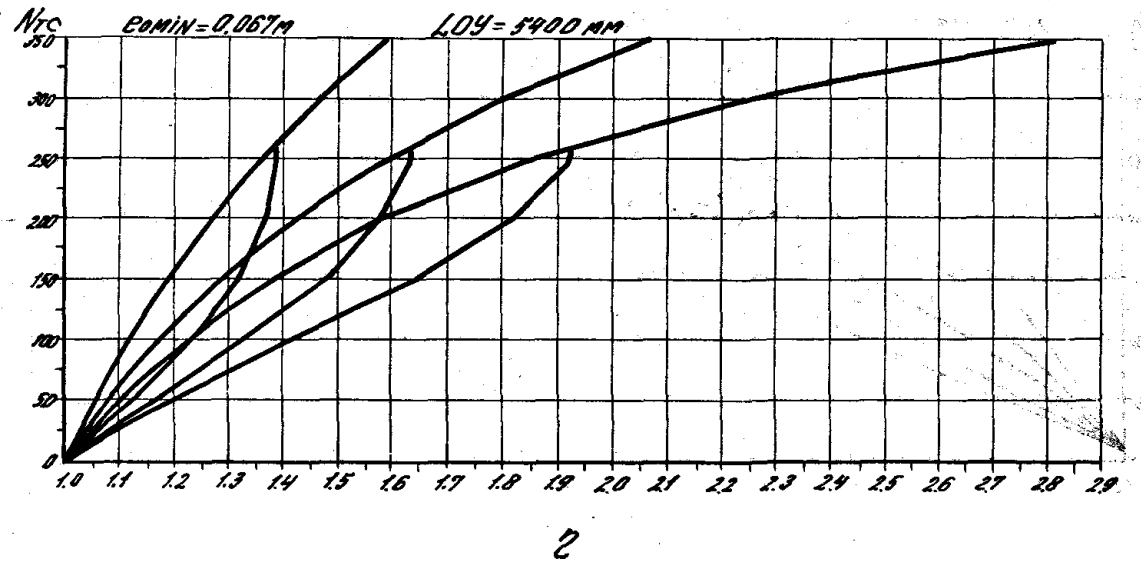
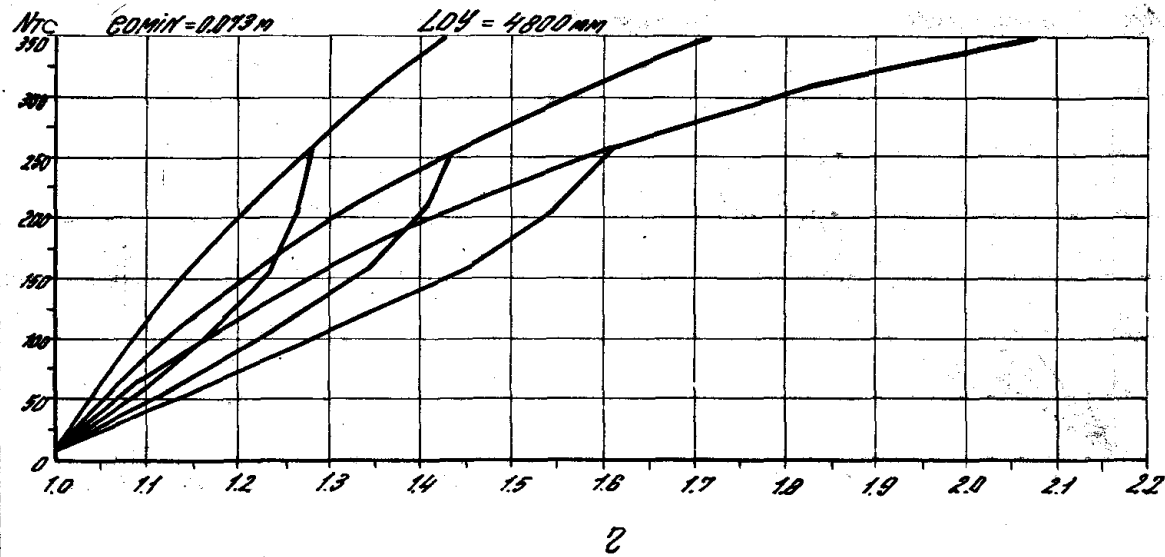
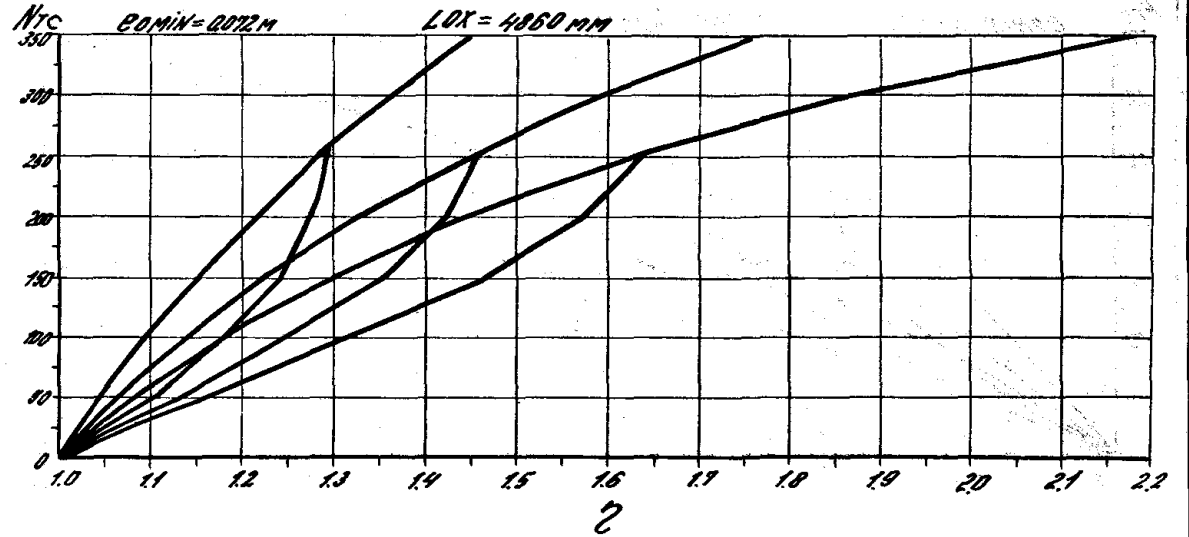
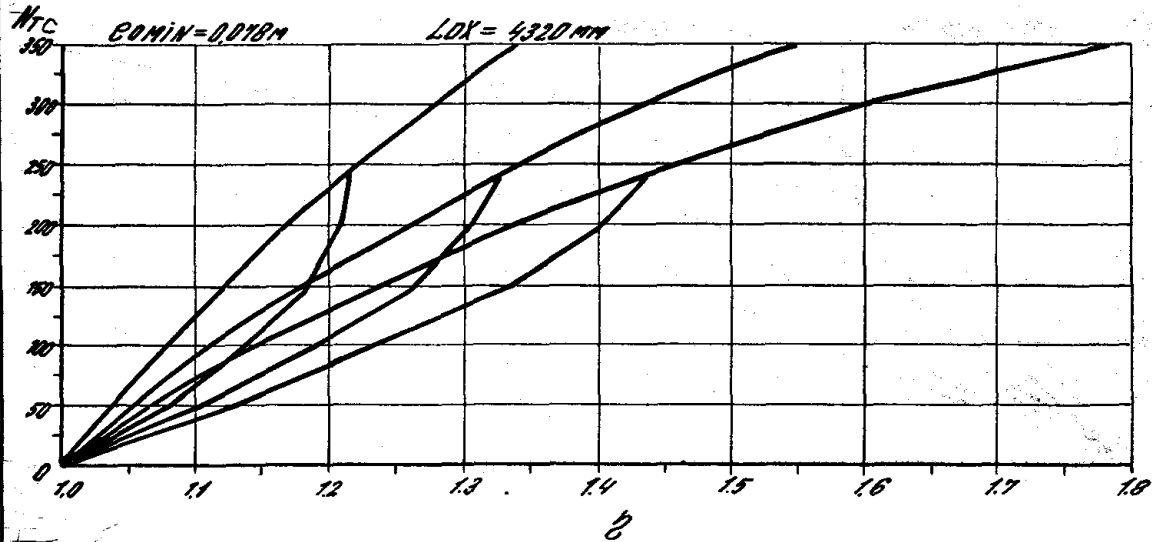
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93



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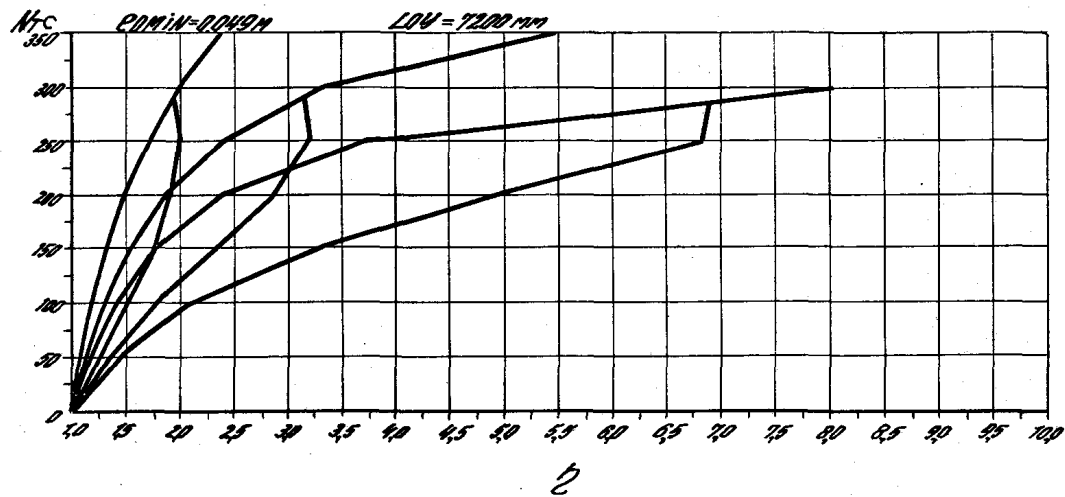
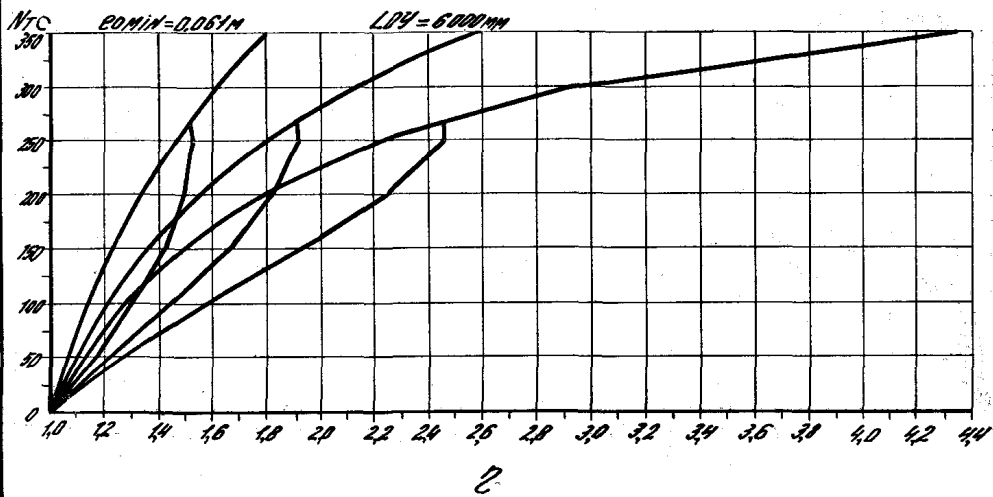
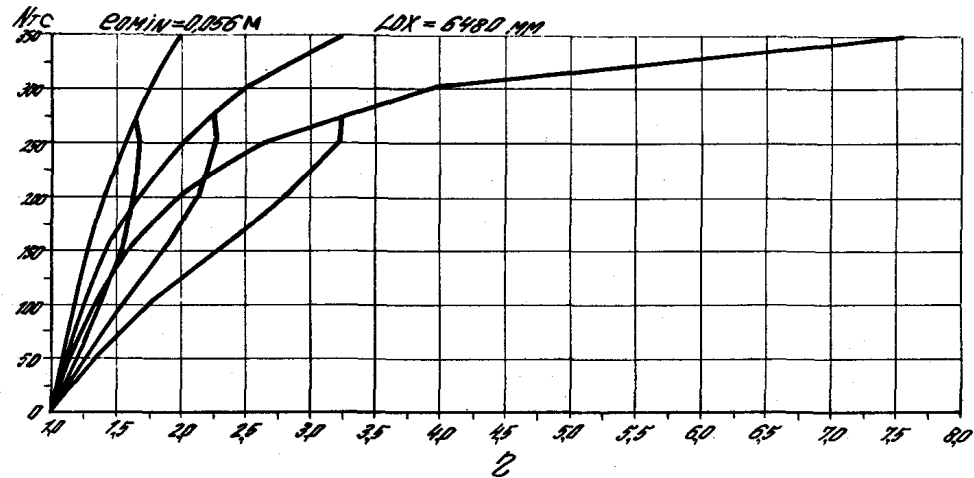
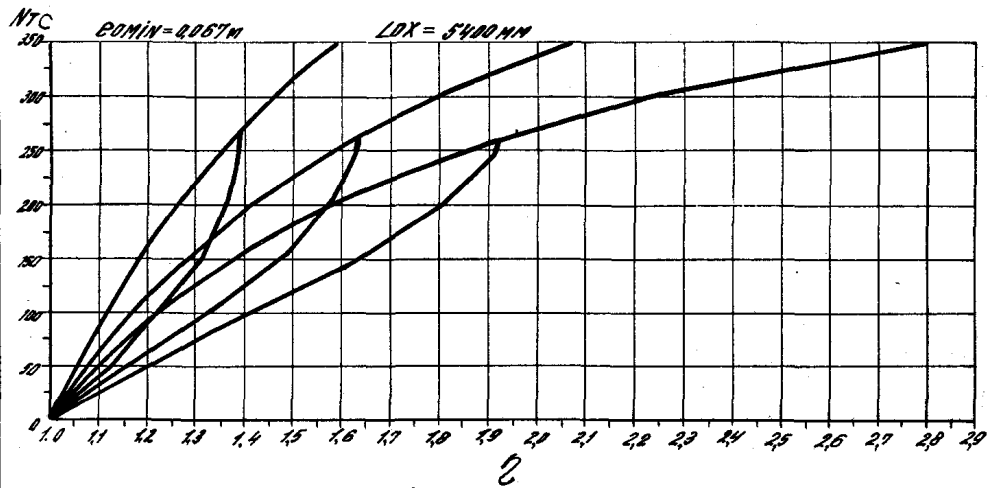
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94



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 95

1.020.1-4 0-9 002 95



ДИП. А. ИВАНОВ. УЧЕБНИК. С. 107-110.