

O'zbekistan Respublikasi
Andijon viloyati Andijon shaxri
“Sardor Qurilish Maks” MCHJ

Республика Узбекистан
город Андижан Андижанская область
ООО "Sardor Qurilish Maks"

ISHCHI LOYIHA

Andijon shaxridagi muhandislik maktabini rekonstruksiya qilish (mavjud binoni
moslashtirish)

Qorovulxona binosi

Direktor:



S.Xolmatov

LBM:



B.Shamshidinov

ANDIJON - 2026y

Ishchi chizmalarning asosiy to'plamlari ro'yxati

Belgilanish	Nomlanish	Eslatma.
AQ	Arxitektura va qurilish chizmalari	Albom 1
IV	Isitish va ventilyatsiya	Albom 2
STK	Suv ta'minoti va kanalizatsiya	Albom 2
EYO	Elektr yoritish chizmalari	Albom 2

AQ ning asosiy to'plamining ishchi chizmalar ro'yxati		
№	Nomlanishi	Eslatma
1	Umumiy malumot	
2	Mavjud bino devor rejasi	
3	Loyihaviy bino devor rejasi	
4	Fragment a	
5	Parapedni mustahkamlash rejasi	
6	Loyihaviy tom qismi	
7	Metal darvoza rejasi	
8	Zina 1 va Mavjud zina	

Umumiy qisim

Andijon shaxridagi muhandislik maktabini rekonstruksiya qilish (mavjud binoni moslashtirish) bo'yicha tayyorlangan ishchi loyiha-smeta hujjatlarini amalga oshirish Buyurtmachi: "ANDIJON TRANSPORT TEXNIKUMI" DAVLAT MUASSASASI tomonidan DXM orqali 21.07.2026-yilda qilingan (ariza raqami 312767582) elektron murojaati.Andijon viloyati qurilish va uy-joy kommunal xo'jaligi bosh boshqarmasining 21.07.2026-yildagi 312767582-sonli ruxsatnomasi. Ko'chmas mulk obyektiga bo'lgan huquqlarni davlat ro'yxatidan o'tkazilganligi to'g'risidagi 16.07.2026-yildagi №: RAN553039342-sonli Davlat Reyestridan ko'chirmasi va Andijon viloyati "Yagona buyurtmachi xizmati injiniring kompaniyasi"DUK bilan tuzilgan elektron shartnoma va 2026 yilda № 128-2026 asosiy yuk ko'taruvchi konstruksiyalarini hozirgi kundagi mustaxkamlik xolati xaqida mavjud binolarning holati bo'yicha texnik tekshirish hisoboti asosida "Sardor Qurilish Maks" MChJ tomonidan ishlab chiqilgan.

Ishchi loyiha amaldagi qoidalar va qoidalarga muvofiq ishlab chiqilgan. Loyiha binolarni ekspluatatsiya qilishda portlovchi, portlash va yong'in xavfsizligini ta'minlash bo'yicha chora-tadbirlarni nazarda tutadi.

Loyiha bosh muhandisi:



B.Shamshidinov

ARXITEKTURA VA REJALASHTIRISH YECHIMLARI

Andijon viloyati Andijon shaxridagi muhandislik maktabini rekonstruksiya qilish. Bino bir qavatli bo'lib devor o'qlari rejasidagi o'lchamlari 15.9x3.22 metr. Binoning ichki balandligi poldan shiftgacha 2.6 metrni tashkil etadi. QMQ 2.01.03-19 "Zilzilaviy xududlarda qurilish" 3.1-jadval me'yoriy talablariga muvofiq tayyorlandi.

QURILISHNI KONSTRUKSIYALARINI KORROZIYADAN MUHOFAZA QILISH TADBIRLARI.

Qurilish inshootlarini korroziyadan himoya qilish KMK 2.03.11-96 ga muvofiq amalga oshiriladi.

Bino tomlarining yog'och konstruksiyalari yong'inga qarshi antiseptik vositalari yordamida chuqur emdirilishi kerak (yog'och tuzlarini kamida 75kg/m2 miqdorida olish bilan).

Inshootning metall konstruksiya ulash qismlari PF-20 GOST18.186-79 emal bo'yog'i bilan ishlov berilib, PF-115 emal bo'yog'i bilan 2 marta qoplangan.

Yong'inga qarshi chora-tadbirlar

Loyiha KMK 2.08.02-96 va ShNK 2.01.02-04 amaldagi qurilish me'yorlari va qoidalariga muvofiq ishlab chiqilgan. Bino yong'inga chidamliligi II darajali. Bino birlamchi yong'in o'chirish uskunalari bilan jihozlangan: OP-10A kukunli yong'inga qarshi vositalar, chelaklar, ilgaklar, boltalar.

ENERGIYA SAMARADORLIK

Andijon viloyati Andijon shaxridagi muhandislik maktabini rekonstruksiya qilish. obyektida energiya samaradorlikni oshirish sifatida quyidagi ishlar amalga oshiriladi.

Bino fasad qismi 120kg/m3 zichlikdagi 50 mm qalinlikdagi basalt plitalari orqali issiqlik izolyatsiya ximoyasi amalga oshiriladi.

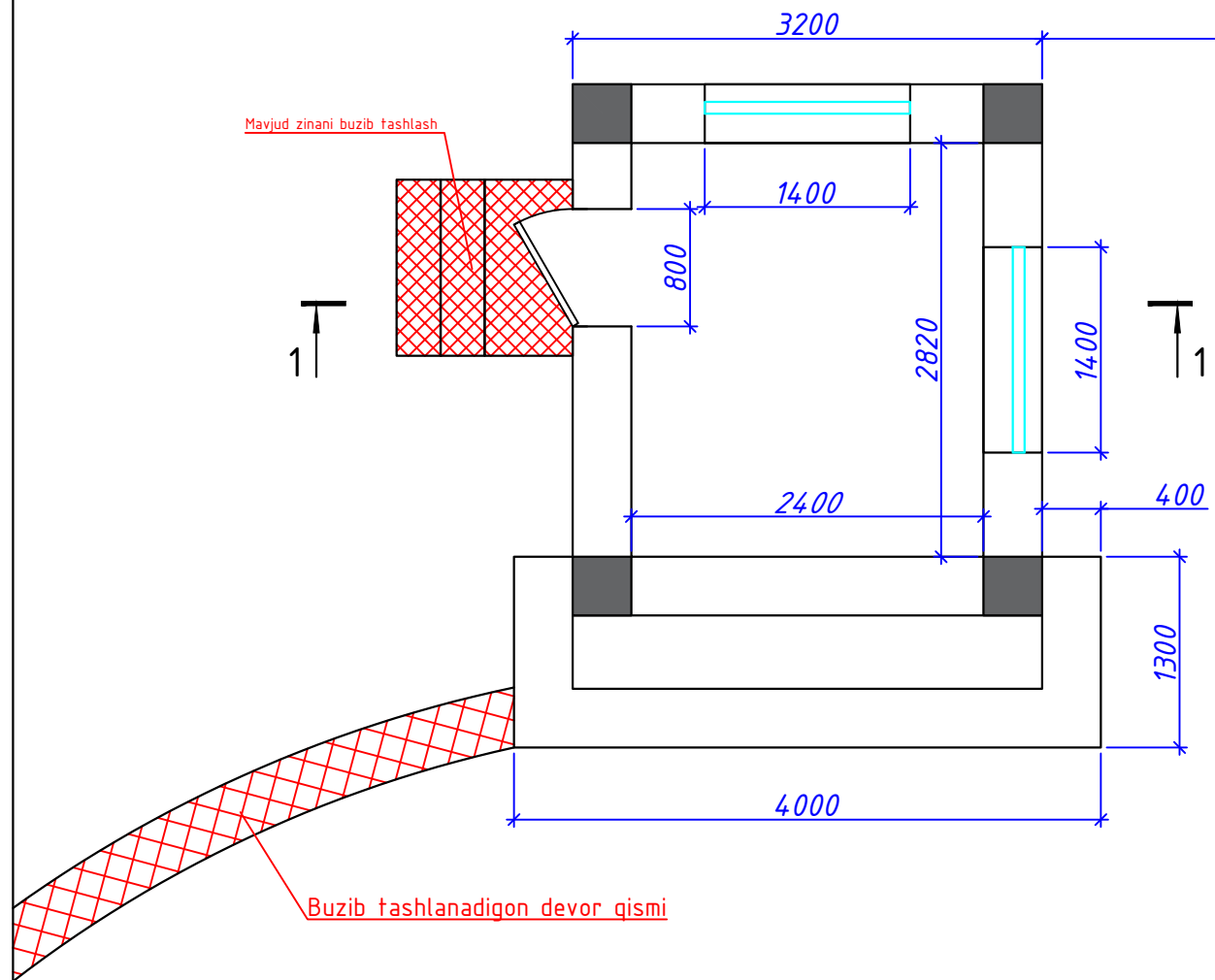
Texnik va iqtisodiy ko'rsatkichlar:

Qurilish maydoni - 25.6 m2
Qurilish hajmi - 95.5 m3
Umumiy maydon - 25.6 m2

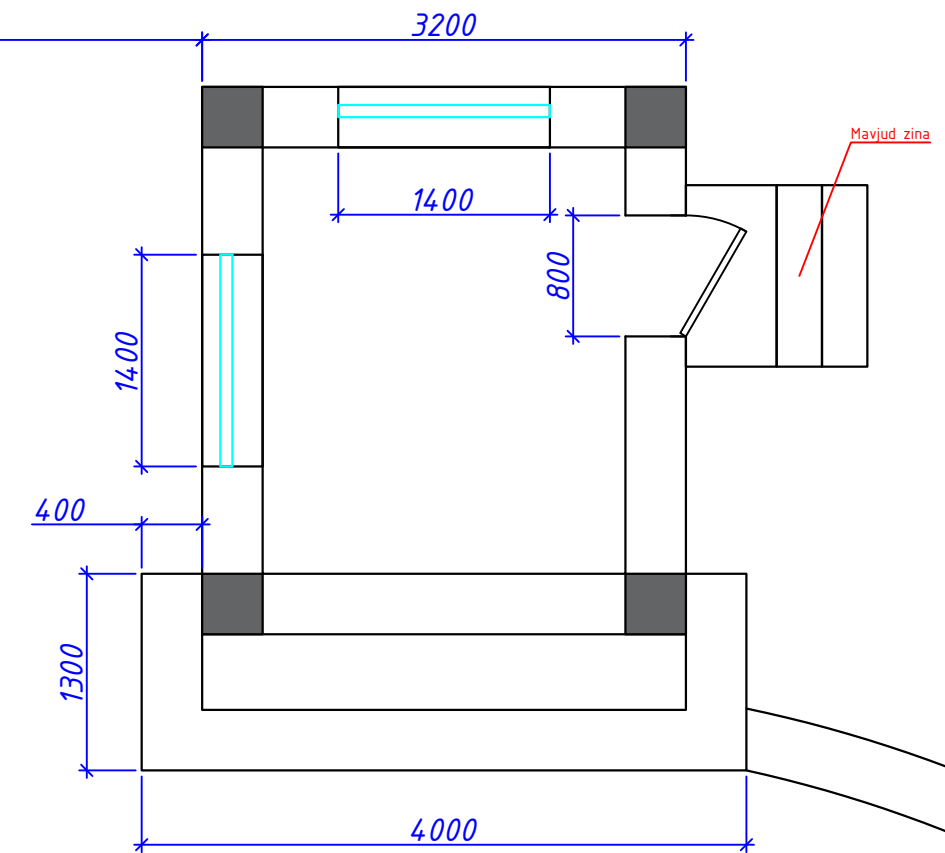
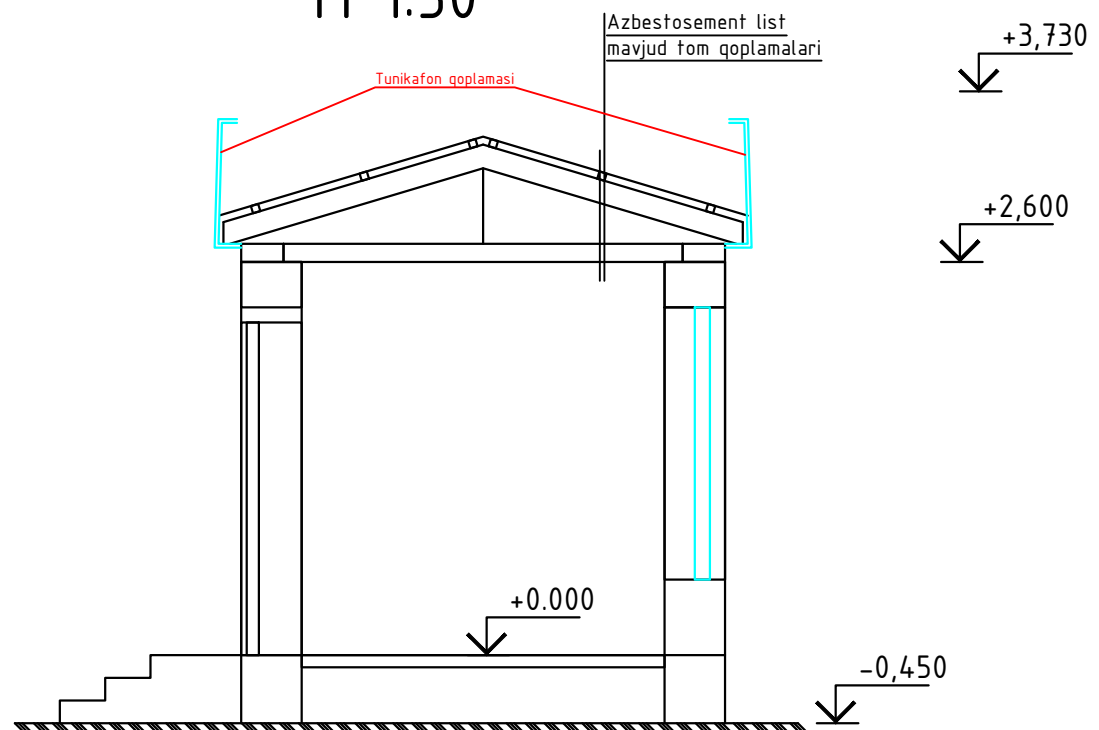
						Andijon shaxridagi muhandislik maktabini rekonstruksiya qilish (mavjud binoni moslashtirish)		
LBM	B Shamshidinov					Qorovulxona binosi	Bosqich	Varoq
Bajaruvchi	M Ne'matjonov							Varoqlar
						Umumiy malumot	1	8
							"Sardor Qurilish Maks" MCHJ	

Mavjud bino devor rejasi

M 1:50



Qirgim 1-1
M 1:50



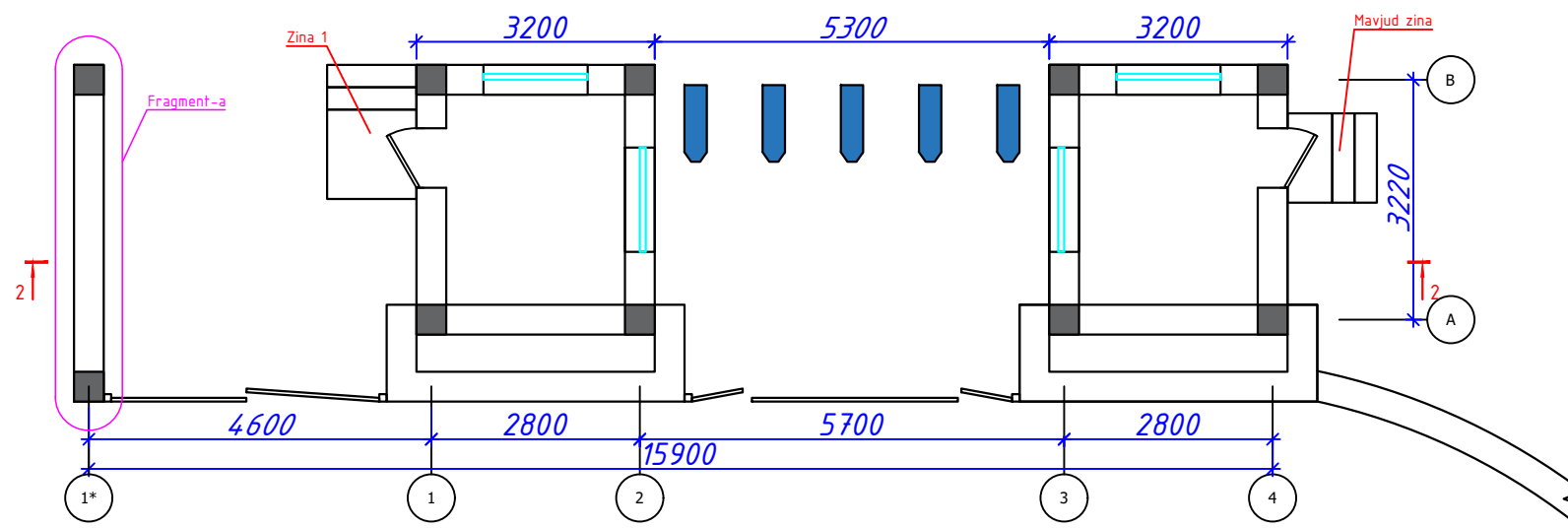
1	Qorovulxona	
2	Yordamchi xona	

-  Loyihaviy devor qismi
-  Buzib tashlanadigon devor qismi

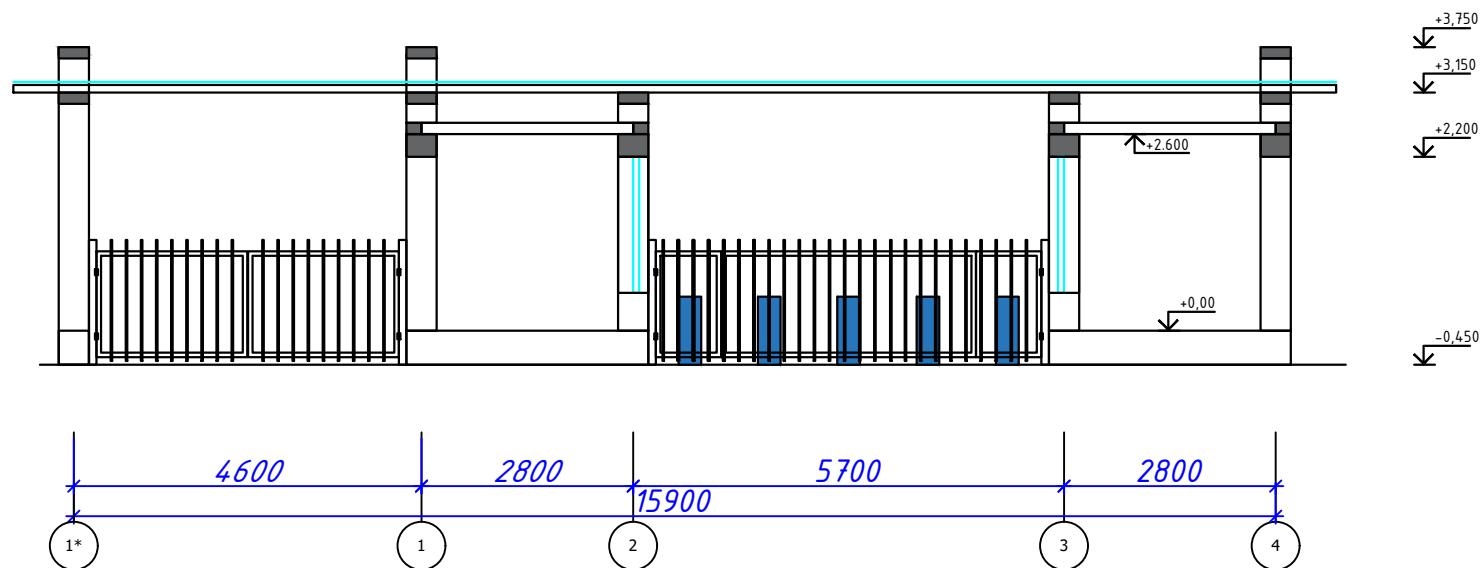
Mavjud tomni buzish - 16.8 m³
Mavjud devor qismini buzish - 6.3 m³

						Andijon shaxridagi muhandislik maktabini rekonstruksiya qilish (mavjud binoni moslashtirish)			
LBM	B Shamshidinov					Qorovulxona binosi	Bosqich	Varoq	Varoqlar
								2	8
Bajaruvchi	M Ne'matjonov					Mavjud bino devor rejasi	"Sardor Qurilish Maks" MCHJ		

Loyihaviy bino devor rejasi
M 1:100



Qirgim 2-2
M 1:100

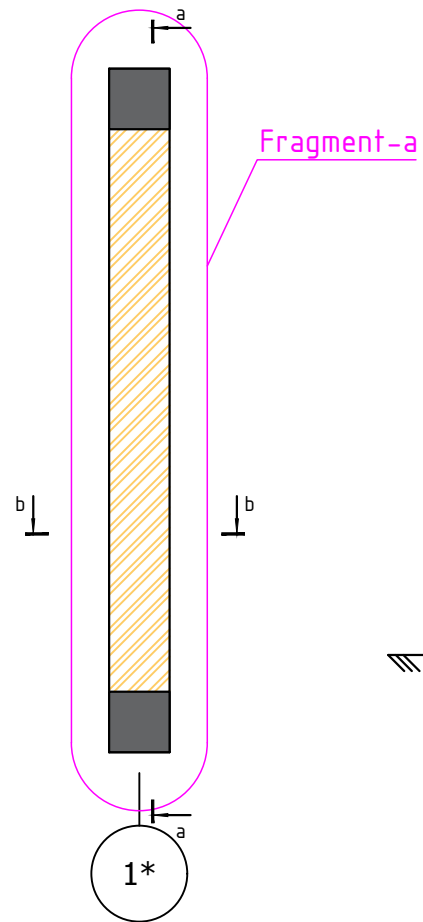


<i>Tashqi pardozlash jadvali</i>				
<i>Nº</i>		<i>Material</i>	<i>Maydoni</i>	<i>Eslatma</i>
<i>1</i>	<i>Fasad</i>	<i>Mineral plitalar PPJ-120 markali qalinligi 50 mm</i>	<i>93.75</i>	<i>m²</i>
<i>2</i>	<i>Fasad</i>	<i>Otkos</i>	<i>15.34</i>	<i>m²</i>
<i>3</i>	<i>Fasad</i>	<i>Padakonnik tunika</i>	<i>6.00</i>	<i>m</i>
<i>4</i>	<i>Fasad</i>	<i>7-10 mm qalinlikdagi mineral taxtalarni maxkamlash uchun yopishtruvchi ohak</i>	<i>93.75</i>	<i>m²</i>
<i>5</i>	<i>Fasad</i>	<i>Fiberglasni mustahkamlovchi (mash 1 qatlam)</i>	<i>93.75</i>	<i>m²</i>
<i>6</i>	<i>Fasad</i>	<i>Polimer to'rlı yopishtruvchi ohakdan gipsning asosiy qatlami 3-4 mm</i>	<i>93.75</i>	<i>m²</i>
<i>7</i>	<i>Fasad</i>	<i>Travertin qatlam 3 mm</i>	<i>93.75</i>	<i>m²</i>
	<i>Sokl</i>			
<i>8</i>	<i>Fasad</i>	<i>PPJ-120 markali qalinligi 30mm</i>	<i>14.12m²/1.2m³</i>	
<i>9</i>	<i>Fasad</i>	<i>Sokol keramogranit plitka</i>	<i>14.12</i>	<i>m²</i>

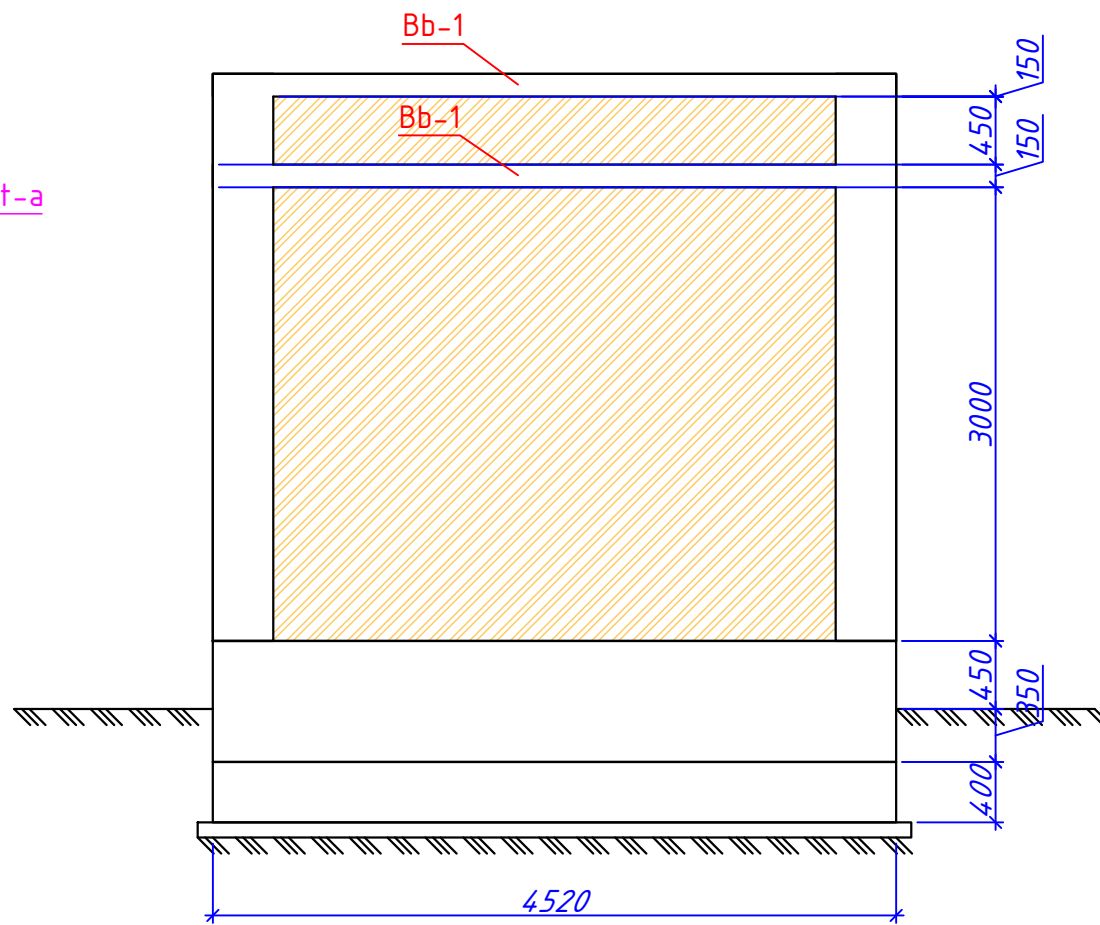
						Andijon shaxridagi muhandislik maktabini rekonstruksiya qilish (mavjud binoni moslashtirish)			
LBM	B Shamshidinov					Qorovulxona binosi	Bosqich	Varoq	Varoqlar
								3	8
Bajaruvchi	M Ne'matjonov								
						Loyihaviy bino devor rejasi	“Sardor Qurilish Maks” MCHJ		

Fragment-a

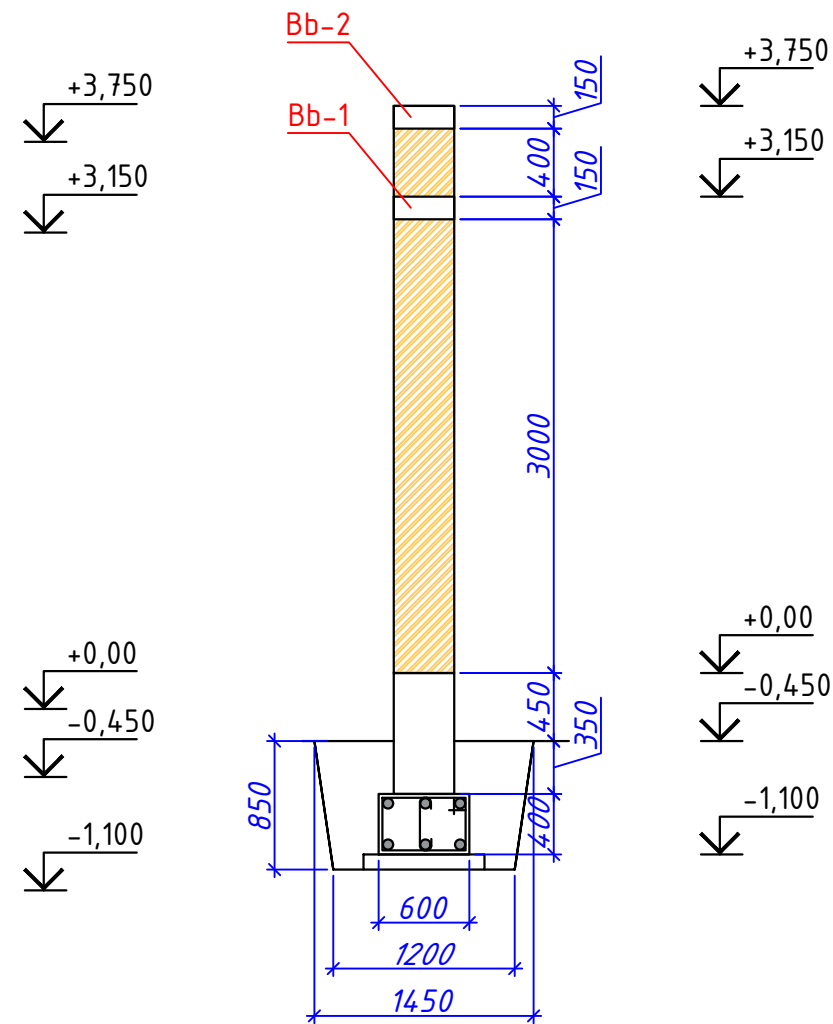
M 1:50



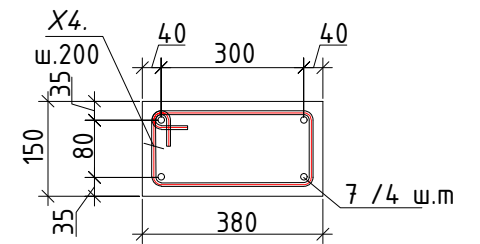
Qirqim a-a



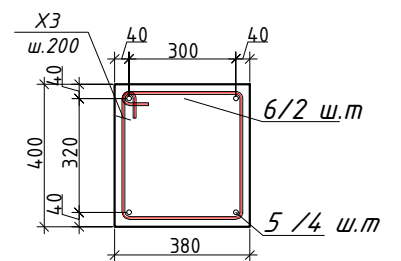
Qirqim b-b



Bog'lovchi belbog' Bb1-Bb2
(армирование)



Quyma ustun Qu-1
(армирование)



Paraped devorlarni mustahkamlash elementlari tavsifi.

№	Belgilanishi	Nomlanishi	Son.	Og'irlik ed. kg	Eslatma kg. m ³ .
Beton poydevor L=4520 mm			4.52		metr
	ГОСТ 5781-82*	Ø12 AIII L=1.0 m	6	0.888	24.08
	ГОСТ 5781-82*	Ø6 AI L=2.0 m	5	0.4440	10.03
Бетон кл. B15, W4 (δ/ц ≤ 0.60) <i>м³</i>					2.53
Qayta to'ldiriladigon tuproq				3.25	м ³
Qu-1	Quyma ustun L=3.00		7.20		metr
1	ГОСТ 5781-82*	Ø12 AIII L=1.0 m	4	0.888	25.57
Xomut1	ГОСТ 5781-82*	Ø6 AI L=1.42 m	5	0.3152	11.35
Бетон кл. B15, W4 (δ/ц ≤ 0.60) <i>м³</i>					1.15
G'isht devor L=umumiy			5.13	м ³	
Bb-1	Обязочный пояс		8.30		metr
1	ГОСТ 5781-82*	Ø12 AIII L=1.0 m	4	0.888	29.48
Xomut1	ГОСТ 5781-82*	Ø6 AI L=1.08 m	5	0.2398	9.95
Бетон кл. B15, W4 (δ/ц ≤ 0.60) <i>м³</i>					0.47

Eslatma.

Transheya kovlash - 5.56 m³

Qum va shag'al aralashmasi - 5.90 m²



Loyihaviy devor qismi



Buzib tashlanadigon devor qismi

						Andijon shaxridagi muhandislik maktabini rekonstruksiya qilish (mavjud binoni moslashtirish)			
LBM	B Shamshidinov					Qorovulxona binosi	Bosqich	Varoq	Varoqlar
								4	8
Bajaruvchi	M Ne'matjonov					Fragment a	"Sardor Qurilish Maks" MCHJ		

Technical drawing of a building facade showing a grid of vertical and horizontal elements. The drawing includes dimensions and labels for various components:

- Vertical Dimensions:**
 - Overall height: 5720
 - Height of the upper section: 3220
- Horizontal Dimensions:**
 - Overall width: 17900
 - Width of the first section: 4600
 - Width of the second section: 2800
 - Width of the third section: 5700
 - Width of the fourth section: 2800
 - Width of the fifth section: 15900
- Labels and Callouts:**
 - Profil 100x100x3**: Points to the vertical profile at the top and bottom corners.
 - Profil 80x40x3**: Points to the horizontal profile in the middle of the facade.
 - Profil 100x100x3**: Points to the vertical profile at the bottom corners.
 - 1***, **1**, **2**, **3**, **4**: Vertical axis markers at the bottom.
 - A**, **B**: Horizontal axis markers on the right side.
 - c**, **d**: Small dimension lines indicating specific offsets or clearances.

Technical drawing of a window frame. The drawing shows a cross-section of the window with a brick-patterned glass pane. Dimensions are indicated in blue: the total width is 4520, the width of the brick pane is 5720, and the width of the side frame is 600. The height of the side frame is also 600. Elevation markers on the right indicate heights: +3,750, +3,150, +2,200, +0,00, and -0,450.

The drawing consists of two main parts: a plan view at the bottom and a section view at the top.

Plan View (Bottom):

- Shows a staircase layout with a total width of 15900 and a total length of 15900.
- Dimensions are marked in blue: 4600, 2800, 5700, and 2800.
- Points are labeled 1*, 1, 2, 3, and 4.

Section View (Top):

- Shows a cross-section of the building with a total height of 3.750 and a total width of 600.
- Dimensions are marked in blue: 600, 2.600, and 0.00.
- Labels "Leksan qoplamasi" are present at the top of the section.
- Elevations are marked on the right: +3.750, +3.150, +2.200, +0.00, and -0.450.

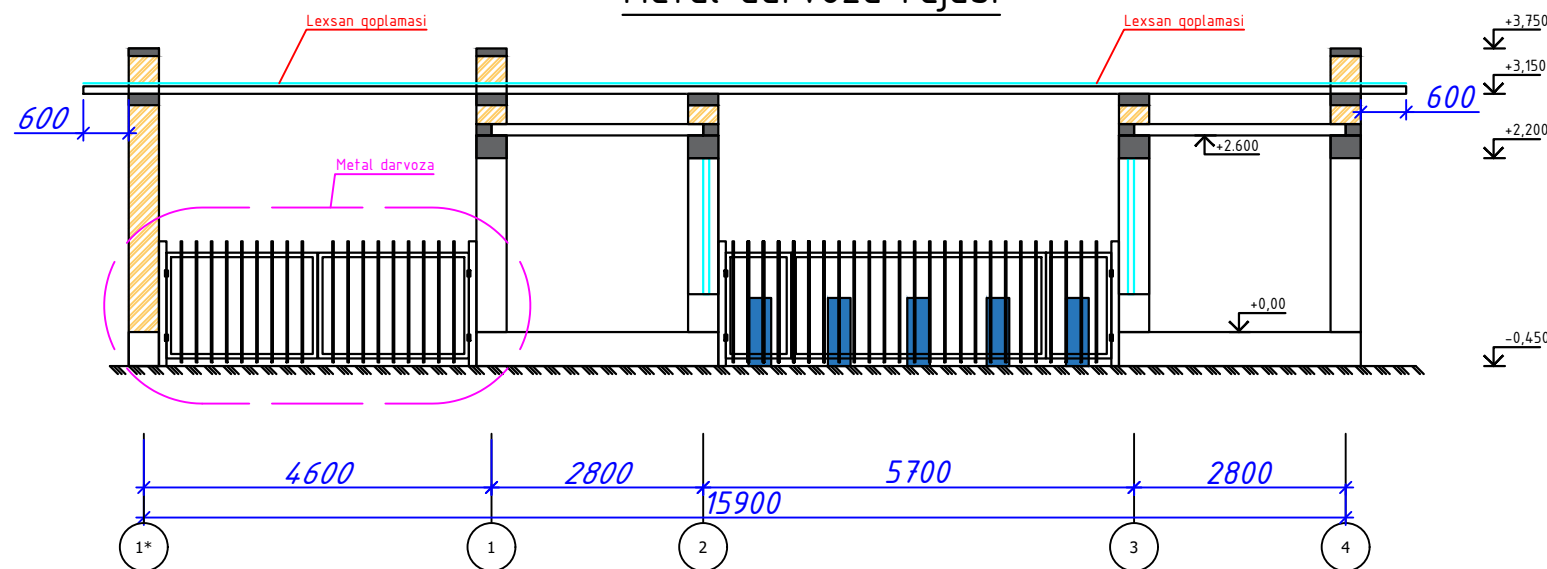
Loyihaviy devor qismi

Buzib tashlanadigon devor qismi

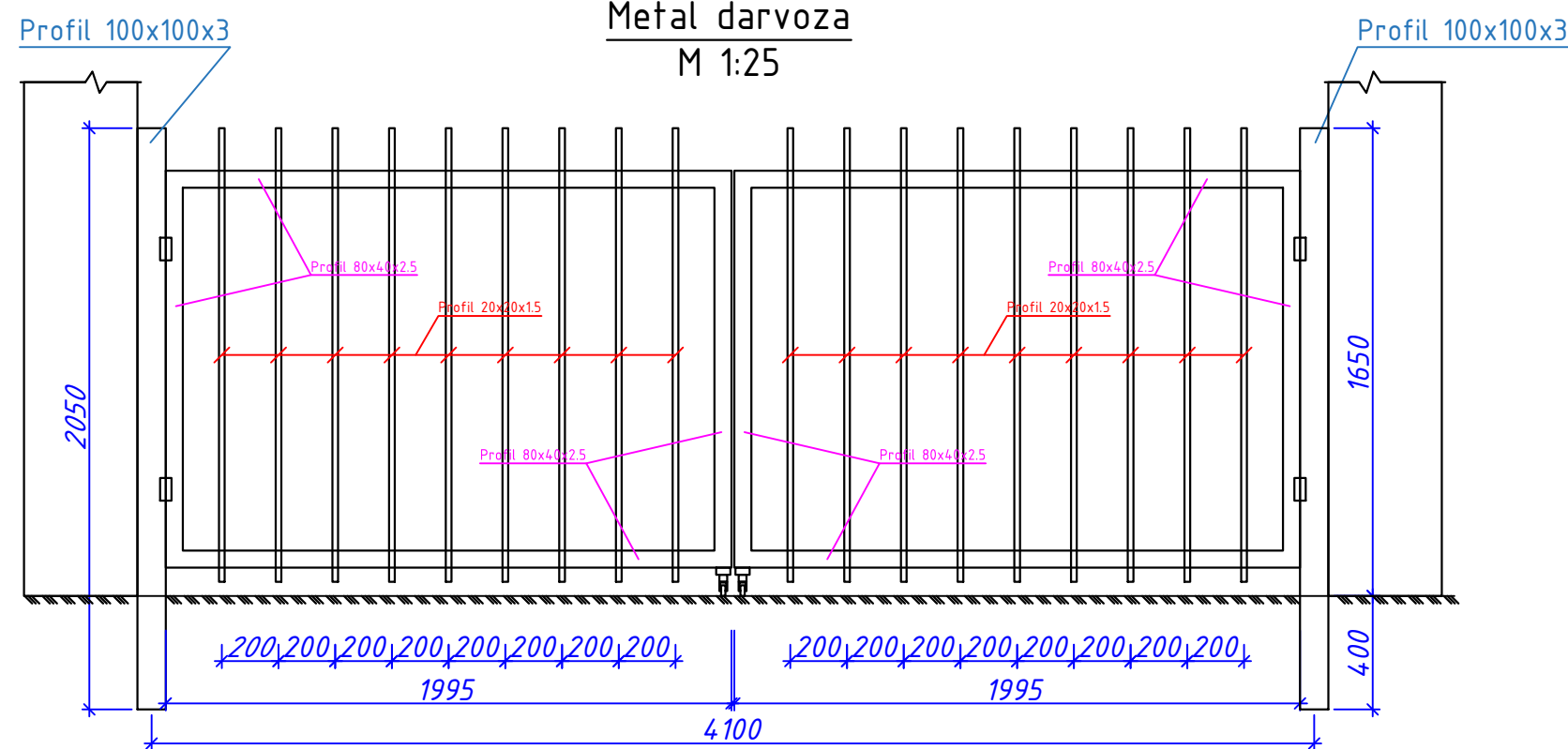
Tom qismi					
№	Belgilanishi	Nomlanishi	Son.	Og'irlik ed. k2	Eslatma kg. m3.
1	Leksan qoplamasi			103.870	m ²
2	Profil 100x100x3 mm L=umumiy		46.84	8.96	419.69
3	Profil 80x40x2.5 mm L=umumiy		122.10	4.39	536.02
	Maxkamlovchi element		15.00		
	Metal list 150x150x3		15.00	0.53	7.89
	A III	Ø12 L=120 mm	30.00	0.11	3.20

						Andijon shaxridagi muhandislik maktabini rekonstruksiya qilish (mavjud binoni moslashtirish)			
LBM	B Shamshidinov					Qorovulxona binosi	Bosqich	Varoq	Varoqlar
								6	8
Bajaruvchi	M Ne'matjonov					Loyihaviy tom qismi	“Sardor Qurilish Maks” MCHJ		

Metal darvoza rejasi



Metal darvoza M 1:25



Metal darvoza 2 dona

№	Belgilanishi	Nomlanishi	Son.	Og'irlik ed. k2	Eslatma kg. m3.
1	Betón B15			0.250	m ³
2	A III	Ø12 L=500 mm	8.00	0.44	3.55
3	Profil 100x100x3 mm L=2050		2	18.37	36.74
4	Profil 80x40x2.5 mm L=umumiy		6.80	8.78	59.70
5	Profil 20x20x1.5 mm L=umumiy		28.80	5.72	164.70
6	Петля		4	dona	
7	Ходовой ролик		2	dona	
8	Maxkamlovchi element		2.00		
9	Metal list 150x150x3		2.00	0.53	1.05
10	A III	Ø12 L=200 mm	4.00	0.18	0.71

Eslatma.

Qo'lda qazish - 0.25 m³



Loyihaviy devor qismi



Buzib tashlanadigon devor qismi

LBM	B Shamshidinov					Andijon shaxridagi muhandislik maktabini rekonstruksiya qilish (mavjud binoni moslashtirish)			
Bajaruvchi	M Ne'matjonov					Qorovulxona binosi	Bosqich	Varoq	Varoqlar
								7	8
						Metal darvoza rejasi	"Sardor Qurilish Maks" MCHJ		

Technical drawing of a fence assembly (Ограждение Ог1) showing a plan view, a detail of the base, and a perspective view.

Plan View (Top): Shows the overall dimensions of the fence section. The total width is 1200 mm, and the total height is 1200 mm. The fence consists of two vertical sections, each 300 mm wide, separated by a 600 mm gap. The height of the vertical sections is 1200 mm. The horizontal sections are 1200 mm long. Red arrows labeled '3' indicate the direction of the fence's length.

Detail View (Bottom Left): Shows the base of the fence. The base is 80 mm wide and 80 mm high. The base is made of two layers of 100x8 mm sheets (Ст. листов. 100x8). The base is secured with a 33.7 mm diameter tube (Труба ст. Ф33,7) and a 21.3 mm diameter tube (Труба ст. Ф21,3 L=900мм шагом 600мм). The base is also secured with 17 mm diameter tubes (Труба ст. Ф17).

Perspective View (Bottom Right): Shows the fence assembly (Ограждение Ог1) installed on a wall. The fence is made of two layers of 100x8 mm sheets (Ст. листов. 100x8) and is secured with a 33.7 mm diameter tube (Труба ст. Ф33,7) and a 21.3 mm diameter tube (Труба ст. Ф21,3 L=900мм шагом 600мм). The fence is also secured with 17 mm diameter tubes (Труба ст. Ф17).

Technical drawing of a wall cross-section. The wall has a total width of 2400 and a total height of 650. The top surface is stepped, with a horizontal section of 1200 followed by a sloped section. The bottom of the wall is stepped, with a horizontal section of 200 followed by a sloped section. The wall is filled with a hatched pattern. Elevation markers on the right indicate a level of +0,00 at the top and -0,450 at the bottom of the wall.

Mavjud zina

600

300*2

Mavjud zina

Zina va asosiy kirish elementlari xarajatlar jadvali						
№	Belgilanishi	Nomlanishi	Soni	Og'irligi kg	Eslatma	
		Tashqi zina	1		dona	
	GOST 8478-81	Setka 5Bpl-200 5Bpl-200	5,2200	1,54	8,04	к2
		B15 sinfli beton	1,9080		м ³	
		Shag'al tuproq bilan to'ldirish	0,9680		м ³	
		Keramogranit plitka	3.9150		м ²	
		Mavjud zina				
		Keramogranit plitka	2.7900		м ²	
		Metall Ograjdeniya OF1	5,4000		м	
		Закладная деталь ЗД1	4	0,67	2,68	к2
		Деталь закладная ЗД1	0,67		к2	
		-- 80x6 L=80	1	0,30	шм	
		Φ10 A-I L=600	2	0,74	шм	

						Andijon shaxridagi muhandislik maktabini rekonstruksiya qilish (mavjud binoni moslashtirish)			
LBM	B Shamshidinov					Qorovulxona binosi	Bosqich	Varoq	Varoqlar
								8	8
Bajaruvchi	M Ne'matjonov					Zina 1 va Mavjud zina	"Sardor Qurilish Maks" MCHJ		