“BINOKORLOYIHA” MChJ

ISHCHI LOYIHA

“Oilaviy shifokorlik punkti” binosi

Loyiha tarkibi:
Konstruktiv yechimlari.

“““BINOKORLOYIHA” MChJ
tomonidan ishlab chiqilgan:

Direktor Asqarov D.
Loyiha bosh muhandisi Nurmamedov M.

Andijon shahar - 2026 yil

LBM	Nurmamedov			Shifr:	"BINOKORLOYIHA“ MChJ»
Bajardi MQ	Nurmamedov				
				Oltinko’l tumani Madiyorchek MFY xududida mavjud “Madyorobod QVP” bino inshoatlarini buzib o’rniga “Oilaviy shifokorlik punkti” bino inshoatlarini qurilishi.	

ISHCHI CHIZMALARNING ASOSIY TO'PLAMLARI RO'YXATI

Belgilash	Nomlanishi	Eslatma
KJ	Konstruktiv yechimi	Albom I

Asosiy KJ to'plamining ishchi chizmalari ro'yxati

Sahifa	Nomlanishi	Eslatma
1	Umumiy ma'lumotlar (boshlanish)	
2	Umumiy ma'lumotlar(tugatish)	
3	Poydevor o`sti xandaq (transheya) rejasi. Qirqim 1-1. Tugun A	
4	Poydevor rejasi	
5	Kesimlar 1-1, 2-2, 3-3, A-A, 4-4, Qp1	
6	Yassi setka S1.	
7	Karkas sxemasi	
8	Ustun St1	
9	Sendvich panelni mahkamlash tartibi	
10	Sendvich panelni mahkamlash tartibi	
11	Sendvich panelni mahkamlash tartibi	
12	Sendvich panelni mahkamlash tartibi	
13	Sendvich panel elementlar sarfi jadvali	
14	Tugun 1,2,3,4,5	
15	Sendvich panelni mahkamlash uchun progonlar joylashuvi	
16	Sendvich panelni mahkamlash uchun progonlar joylashuvi	
17	Sendvich panelni mahkamlash uchun progonlar joylashuvi	
18	Sendvich panelni mahkamlash uchun progonlar joylashuvi	
19	Tom rejasi.	
20	Tom elementlar tasnifi. Metall ferma Fm1.	
21	Quyosh panel karkasi.	

Loyiha amaldagi qoidalar va qoidalarga muvofiq ishlab chiqilgan. Loyiha binolardan foydalanishda buzg'unchi, portlovchi va yong'in xavfsizligini ta'minlovchi tadbirlarni nazarda tutadi.

Loyiha bosh muhandisi Nurmamedov M.

Asosiy KJ to'plamining ishchi chizmalari ro'yxati

Sahifa	Nomlanishi	Eslatma
22	Fragment plan soyabon rejasi, Qirqim 1-1, Metall ferma o'rnatish reja	
23	Metall ferma F-1, Tugun-A, B, D, Sarf hisoboti.	
24	Fragment plan zinapoya ZN-1, Pandus, Qirqim 1-1, 2-2, 3-3.	
25	Setka S-1, S-2, ZD-1, Sarf hisoboti, Umumiy materiallar sarfi.	
26	Fragment plan zinapoya ZN-2, Qirqim 1-1, Sarf hisoboti, Umumiy malumot	

Ma'lumotnoma va biriktirilgan hujjatlar ro'yxati

Belgilash	Nomlanishi	Eslatma
QMQ 2.08.02-96	Jamoat binolari va inshootlari.	
QMQ 2.01.03-96	Zilzilaviy hududlarda qurilish	
QMQ 2.03.10-96	Tomlar	
2.244-1 b.4	Jamoat binolarining pol qismlari	
KSI- 90 / Uz	Duradgorlik	

TEXNIK-IQTISODIY KO'RSATKICHLAR

Qurilish maydoni - 341,3 m2
Qurilish hajmi - 1590,6 m3
Umumiy maydoni - 325,6 m2

Eg.lav	Qat.soni	Varoq	Nexujj	Imzolar	Sana
L B M	Nurmamedov M				
Bajardi	Nurmamedov M				

Shifr:			KJ
Oltinko’l tumani Madiyorchek MFY xududida mavjud “Madyorobod QVP” bino inshoatlarini buzib o’rniga “Oilaviy shifokorlik punkti” bino inshoatlarini qurilishi.			
“Oilaviy shifokorlik punkti” binosi	Bosqich	Varoq	Varoqlar
	IL	1	26
Umumiy ma'lumotlar (boshlanish)	"BINOKORLOYIHA“ MChJ»		

Kelishilgan:
O'zaro inv.№
Imzo va sana
Inv.raqami №

UMUMIY QISM

Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi ishchi loyihasi "BINOKORLOYIHA" MChJ» loyihalashtirish tashkiloti tomonidan buyurtmachi Andijon viloyat hokimligining "Yagona buyurtmachi xizmati" injiniring kampaniyasi tomonidan va loyihalashtirish topshirig'iga asosan ishlab chiqildi..

Ishchi loyihani ishlab chiqishda KMK2.08.02-09 *, ShNK2.08.02-09 *, ShNK2.01.02-04 va SanQvaN 0292-11 "Sanitriya qoida va normalari" talablari asosida ishlab chiqildi.

Me'moriy va qurilish qismi

Bino bir qavatli, yerto'lasiz. Bino o'qlar bo'yicha umumiy o'lchamlari 21,4 x 15,6 m. Honalar balandligi 3,0 m.

Binoda vestibul va kutish zali, yolak, muolaja xonasi, UTT xonasi, ginekolog qabul va ko'ruv xonasi, qon tahlil xonasi, siydik taxlil xonasi, ro'yxatga olish xonasi, sanuzel invalidlar uchun, kunduzgi statsionar xonasi, fizoterapiya xonasi, ona va bola xonasi, sanuzel, izolyator xonasi, ombor, xona, katta xamshira xonasi, yuvish xonasi, quritish xonasi, avtoklav va topshirish xonasi, bolalar shifokori xonasi va karteteka, emlash xonasi, oilaviy shifokor xonasi, bosh shifokor xonasi, tambur joylashgan.

Chiqish eshiklari va zinapoyalar yong'in va zilzilada evakuvatsiya talablari asosida joylashtirilgan.

QURILISH YECHIMI

"Oilaviy shifokorlik punkti" binosining konstruktiv yechimi QMQ 2.01.03-19 «Zilzilaviy hududlarda qurilish» 3.1 grafasi 1 bandi birinchi (1.1.1) qismiga bir qavatli metall karkaslar rama-bog'lamli, bog'lamli ga mansub.

Bino hisobiy seysmikligi -9 ball.

Bino quyidagi konstruktiv qismlardan iborat:

Poydevor - tasmasimon quyma temir-beton poydevorlar . Poydevor beton sinfi B15. Armatura sinfi AIII.

Tashqi devorlar - "Sendvich" tipidagi izolyatsiyali panellardan yasalgan.

Ustunlar - o' lchamlari 100x100x4,0 mm bo'lgan metall profildan.

Balka - o'lchamlari 100x100x4,0 mm bo'lgan metall profildan.

Pollar - amaldagi na'munaviy loyihalarda keltirilgan pol qoplamalar tarkibi bo'yicha ishlab chiqilgan pol qoplamalar; PVX relin, tabiiy marmar va keramik plitkalar.

Derazalar - metal plastik materiallardan tayyorlangan bir kamerali steklopaket.

Deraza tokchalari- PVX taxtalar.

Eshiklar - amaldagi na'munaviy loyihalarga muofiq MDF va PVX profil bir kamerali steklopaket.

Vitrajlar - alyumin profillardan individual tayyorlangan.

Deraza va eshik yonlari (otkos) - metall tunika fartuklar bilan yopish mumkin.

Tomyopmada - "Sendvich" tipidagi izolyatsiyali panellardan yasalgan. Tom tizma qismlari, suv yig'ish tarnovi, suv tushirish quvurlari, qor ushlagichlar o'rnatilishi kerak. Tashqi devor atrofi to' shamasi (otmostka) - bino perimetri bo'ylab beton yo'lakcha, kengligi 1000mm, qalinligi 100 mm, nishobligi 3%.

Poypesh - keramik plita (kabanchik) bilan qoplansin.

ENERGIYA SAMARADORLIGI

Ushbu bo'lim ShNK 1.03.01-16 ning 5-ilovasi va KMK 2.01.18-2000* «Bino va inshootlarni isitish, shamollatish va havoni tozalash uchun energiya sarfi me'yorlari» asosida ishlab chiqilgan.

Ushbu loyihaning me'moriy qurilish qismida hududida "Madiyorchek MFY xududida" Madyorobod QVP binosini qurish binolari tashqi devorlari Sendvich panel bilan qoplangan.

Derazalar uchun ikki kamerali issiqlik tejovchi oynalar ko'zda tutilgan.

Tom yopmasida issiqlik Izolyasiya - mineral plitalar (zichligi 120-125 kg/m3, qalinligi 80mm) bilan qoplanadi.

- fundament qismi, orayopma va pollarda QMQ 2.01.04-18 ga asosan Grunt ustiga suvga bardoshli anorganik isitgichni yotqizish yo'li bilan himoyalangan;
- bug' izolyatsiyasi tomning ichki yuzasida issiqlik izolyatsiyasi qatlamidan pastroqda joylashtirilgan;
- QMQ 2.03.15-22 ga asosan deformatsiya choklari elastik issiqlik izolyatsiyali materiallari bilan to'ldirilgan, shu bilan birga, issiqlik izolyatsiya materialini xona bug'lar bilan namlanishidan va atmosfera namligidan himoya qilingan;
- QMQ 2.01.05-19 ga asosan energiyani tejash maqsadida

yo'laklari, zinalari yoritishda, tungi vaqtda xonalar ishchi yoritilishini loyihalashda qisqa vaqtda (odamlar ushbu xonalardan o'tib olishiga yetarli vaqt) yonib-o'chadigan qurilmalarni (QVYoQ) yoki harakatni va yorug'likni sezuvchi qurilmali yoritgichlar qo'llanilgan;

YONG'INGA QARSHI CHORALARI

Loyiha amaldagi qurilish qoidalari va SHNK 2.08.02-09 va SHNK 2.01.02-04 qoidalariga muvofiq ishlab chiqilgan.

Binoni yong'inga qarshilik darajasi - II.

Funktsional yongin havfi buyicha sinfi -F3.4

Loyihada boshqaruv panelidan shamollatish tizimlarini markazlashtirilgan ravishda o'chirib qo'yish, shuningdek yong'in to'g'risida avtomatik ravishda ogohlantirish tizimi bilan ushbu tizimlarni blokirovka qilish ko'zda tutilgan.

Kabellar va quvurlarni o'raluvchi konstruksiyalar orqali yotqizishda yonmaydigan materiallardan tayyorlangan gilzalarni o'rnatish ko'zda tutilgan. Qopqoq va trubalarni orasidagi bo'shliqni kamida 15 mm olovga chidamli material bilan to'ldiriladi.

Bino birlamchi yong'inga qarshi vositalar bilan jihozlangan:

Kukun to'ldirilgan o't o'chirish vositalari OP-10A, bochkalar, chelaklar, ilgaklar, boltalar.

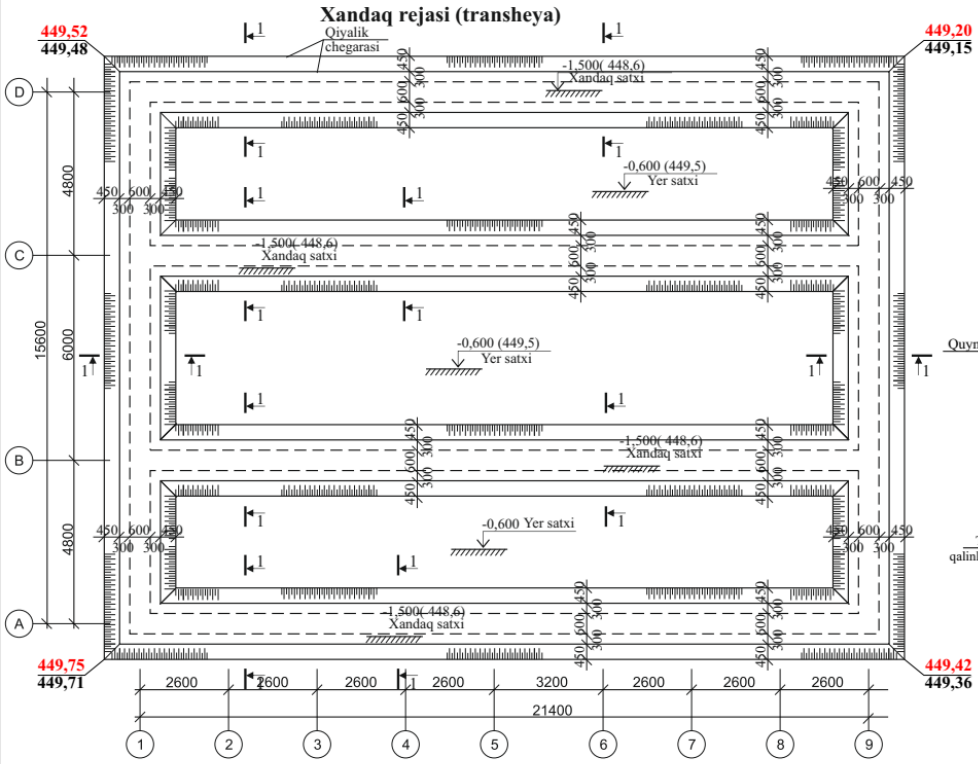
Kelishilgan:

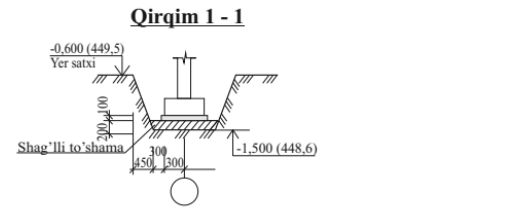
O'zaro inv.№

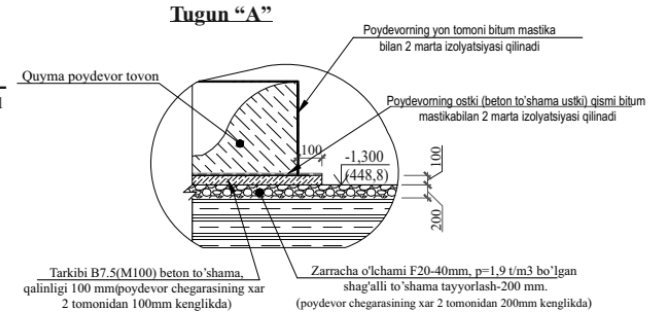
Imzo va sana

Inv.raqami №

Eg.lav	Qat.soni	Varoq	№xujj.	Imzolar	Sana	Shifr: KJ			
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.			
L B M		Nurmamedov M.				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	2	26
Bajardi		Nurmamedov M.				Umumiy ma'lumotlar (tugashi)	"BINOKORLOYIHA" MChJ»		





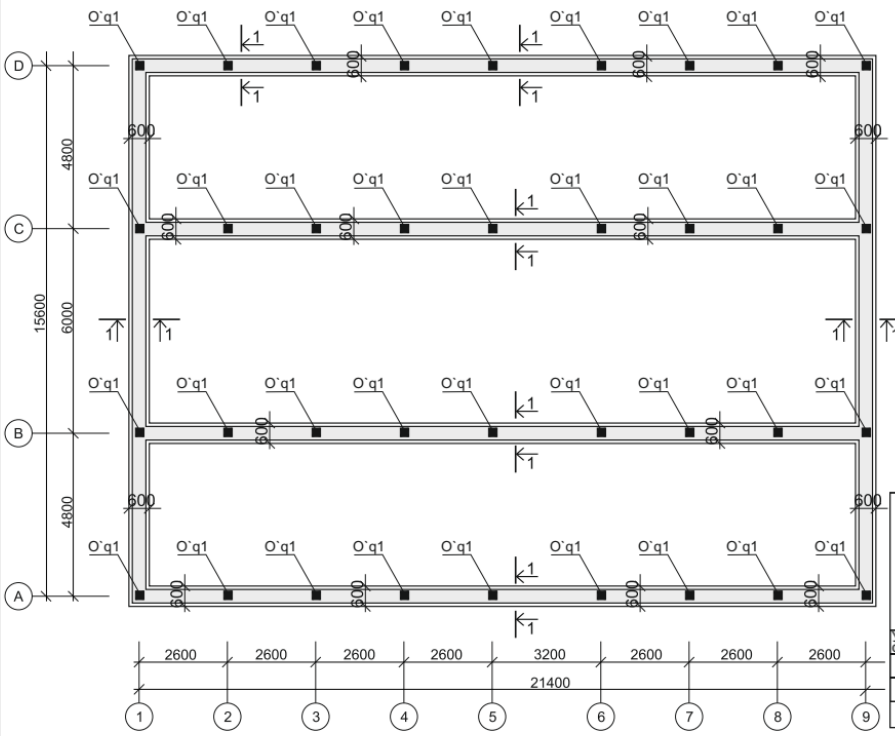


Chuqurni ishlab chiqish uchun qazish ishlari ko'lami

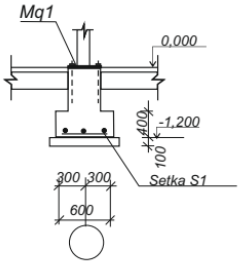
T/p	Ishlarning nomi	Miqdor
1	Mexanik usulda tuproqni o'rtacha balandlik darajasi -0,60 m.dan, chuqurning tubi - 1,5 m gacha qazish.	173,5 м3
2	Qayta to'ldirish	71,2 м3

Eg.lav	Qat.soni	Varoq	№xujj.	Imzolar	Sana	Shifr: KJ			
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.			
L B M		Nurmamedov M.				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	3	26
Bajardi		Nurmamedov M.				Poydevor o'sti transheya rejasi	"BINOKORLOYIHA" MChJ»		

Poydevor tarxi



Poydevor konstruktsiyalarga binoning yuk ko'taruvchi ustunlarini maxkamlanish tuguni



Выборка расхода материалов к схема расположения элементов фундамента

Марка элементов	Изделия бетона		Изделия арматура									
			Арматура класса							Лист толщ.4,0мм		
			A-I			A-III						
			ГОСТ 5781-82*									
	B7,5	B15	Ø6	Ø8	Итого	Ø12	Ø18		Итого			
Устройство ленточных фундаментов	9,4	64,8	168,2	175,2	343,4	311,2	115,2		426,4		46,8	

Eg.lav	Qat.soni	Varoq	Nexujj	Imzolar	Sana
L B M		Nurmamedov M			
Bajardi		Nurmamedov M			

Shifr: KJ

Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.

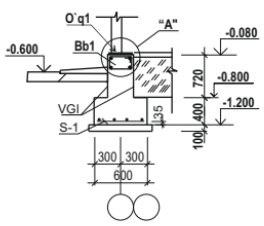
"Oilaviy shifokorlik punkti" binosi

Bosqich	Varoq	Varoqlar
IL	4	26

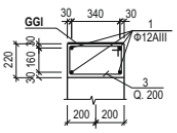
Poydevor tarxi

"BINOKORLOYIHA" MChJ»

Kesim 1-1



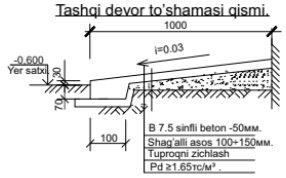
Bb-1 (A)



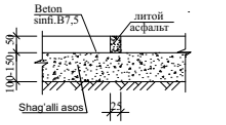
Poydevor tarxii uchun elementlarning tasnifi

Marka	Belgilanishi	Nomlanishi	Soni	O'girligi	Birligi
Mq-1	MQ-45 varoqda	Qotirib maxkam.o'rnatma Mq-1	36	2,43	87,48 kg
Bb1	Ushbu varoqda	Bog'lovchi belbog' Bb1	116,8	4.99	m
S-1	Varaqda MQ-7	Setka S-1	116,8	4,164	m
		Beton klass B15	61,7		m3
		Beton klass B7,5	9,4		m3
		Qotirib maxkam.o'rnatma Mq-1			
3	GOST 19903-74*	-- 200x4 L=200	1	1,3	1,3 kg
4	GOST 5781-82*	Φ18 A-III L=400	4	0,8	3,2 kg
		Bog`lovchi belbog` Bb1			
1	GOST5781-82*	Φ12 AIII L=1000	4	0.888	dona
3	GOST5781-82*	Φ6 AI L=1300	5	0,288	dona

Tashqi devor to'shamasi qismi.



Tashqi devor atrofidagi to'shama deformatsiya choki (qadami 6.0m)



Poydevormalarni qurish bo'yicha umumiy ko'rsatmalar.

1. Muhandislik-geologik tadqiqotlarga ko'ra, poydevorlar uchun asos-IGE №1 qumloq va qumoq tuproqlari asos bo'lib xizmat qiladi-tabiiy qo'shimcha tuproqlarning fizik-mexanik xususiyatlari:
   a = 0,85 bilan; y = 1,90 t / m3; u = 23°00'; c = 9,0 kPa. Yer osti suvlari darajasi er yuzasining 2,1-2.2 m.
2. Hududning seysmikligi 9 bal. Hisobiy seysmikligi 9 bal.
3. 0,000 ning nisbiy belgisi uchun mutlaq belgiga mos keladigan 1-qavatdagi sof qavat belgisi qabul qilindi
4. Barcha monolitik tuzilmalar ±0,000 balandlikdan pastda joylashgan. Sulfatga chidamli beton sinfi B15, bosim kuchi va suvga chidamliligi W4 (w/c≤0,6) bo'lgan betondan bajariladi. Qoida tariqasida quyma poydevor tovoni va tasmasimon quyma poydevor o'rtasida tanaffusgaodatda ruxsat berilmaydi. Majburiy tanaffuslar paytida strukturalarning xususiyatlarini saqlab qolish uchun choralar ko'rish kerak.
5. Poydevorostida loyihada ko'rsatilgan kenglikda tekislovch beton to' shama quyiladi. Beton sinfi B7,5(M100). Tekislovchi beton ustki qismiganamdan himoya qatlamli 2 marta issiq bitum qilinsin GGI va VGI.
6. Gorizontal namdan himoya qatlami -0,080satxda sement qorishmadan (GGI),tarkibi 1:3, qalinligi 30mm.
7. Tuproq bilan tutashgan barcha yer osti beton yuzalari 2 marta issiq bitum qilinsin GGI va VGI..
8. Binoning perimetri bo'ylab beton yo'lakcha(otmostka) qilinadi. Kengligi 1000mm, qalinligi 100 mm, nishobi 3%.

Eg.lav	Qat.soni	Varoq	Nexujj	Imzolar	Sana
L B M		Nurmamedov M			
Bajardi		Nurmamedov M			

Shifr: KJ

Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.

"Oilaviy shifokorlik punkti" binosi

Bosqich	Varoq	Varoqlar
IL	5	26

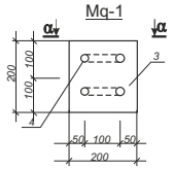
Kesimlar 1-1
Qp1.

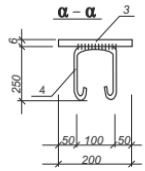
"BINOKORLOYIHA" MChJ»

Kelishildan:

O'zaro inv.№ | Imzo va sana | Inv.raqami №

Mq-1

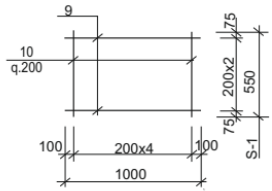




Poydevor tarxi uchun elementlarning tasnifi

Marka	Belgilanishi	Nomlanishi	Soni	O'girligi	Birligi
		Armatura to'ri S-1		(xarajat 1m u-n)	
9	GOST5781-82*	Φ12 AIII L=1000	3	0.888	dona
11	GOST5781-82*	Φ8 AIII L=750	5	0,3	dona

Armatura to`ri S-1



1. GOST 9467-75* bo'yicha E-50A tipidagi elektrodlar bilan payvandlash uchun karkaslar payvandlangan bo'g'inlarning balandligi elementlarning qalinligidan kam bo'lmasligi kerak.
2. Ushbu varaqni MQ5,6- varaq bilan birga ko'ring.

Kelishilgan:

O'zaro inv.№

Imzo va sana

Inv.raqami №

Eg.lav	Qat.soni	Varoq	№xujj.	Imzolar	Sana
L B M		Nurmamedov M			
Bajardi		Nurmamedov M			

Shifr: KJ

Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.

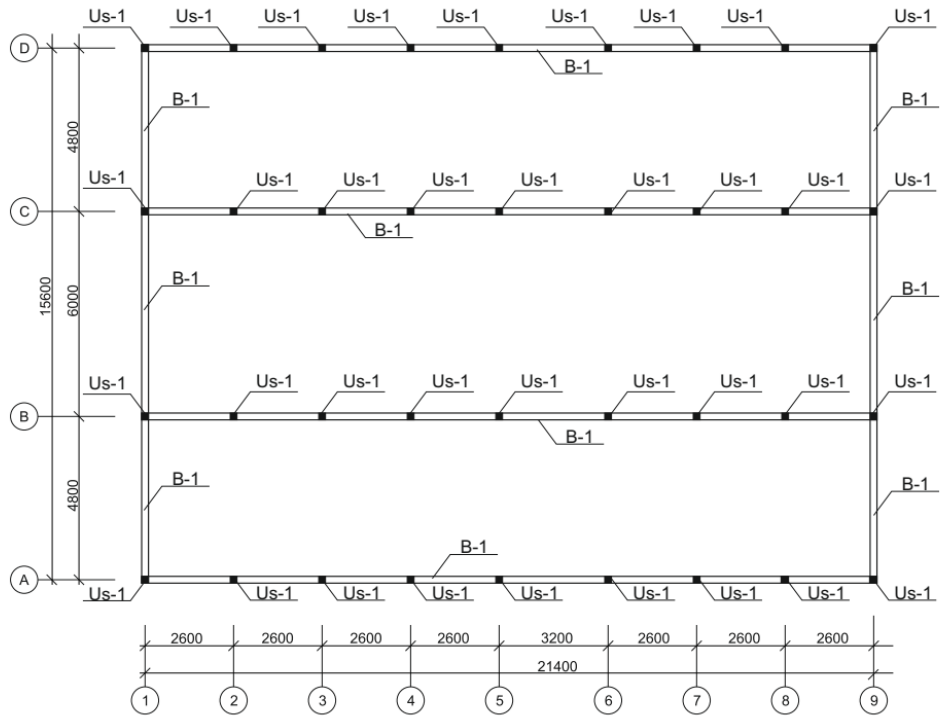
"Oilaviy shifokorlik punkti" binosi

Bosqich	Varoq	Varoqlar
IL	6	26

Armosetka S-1

"BINOKORLOYIHA" MChJ»

Karkas rejasi



Umumiy materiallar sarfi

Konstruksiyani nomlanishi	List - 8	Truba 100x4,0	Truba 60x3,0	Truba 60x40x3,0	
Ustun	225,0	1308,96	1216,8		
Rigel		1370,1		2041,9	
Jami:	**225,0**	**2679,06**	**1216,8**	**2041,9**	

Eg.lav	Qat.soni	Varoq	№xujj.	Imzolar	Sana
L B M		Nurmamedov M			
Bajardi		Nurmamedov M			

Shifr: KJ

Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.

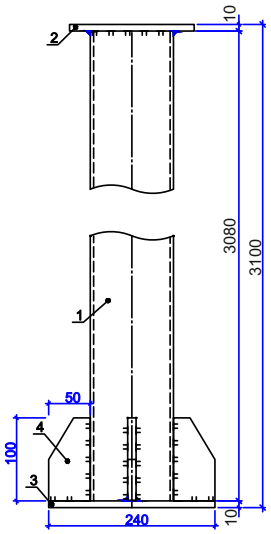
"Oilaviy shifokorlik punkti" binosi

Bosqich	Varoq	Varoqlar
IL	7	26

Karkas rejasi

"BINOKORLOYIHA" MChJ»

Стойка Ст-1.



Спецификация элементов каркаса

Марка поз	Обозначение	Наименование	Кол	Масса	Примеч.
С-1	См. данный лист	Стойка Ст-1	36	42,61	1533,9 кг
Б-1	ГОСТ 8509-86	Балка профиль 100х100х4 L=общ.	116,8	11,73	1370,1кг
		Стойка Ст-1 (на 1 шт)			
1	ГОСТ 103-76	Пластина - 8 240х240	1	3.58	3.58 кг
2	ГОСТ 103-76	Пластина -8 150х150	1	1,41	1.41 кг
3	ГОСТ 8645-68	Профиль 100х4,0 L=3100	1	11,73	36,36кг
4	ГОСТ 103-76	Пластина -8 100х50	4	0,31	1.26 кг

Eg.lav	Qat.soni	Varoq	№xujj	Imzolar	Sana
L B M		Nurmamedov M			
Bajardi		Nurmamedov M			

Shifr: KJ

Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.

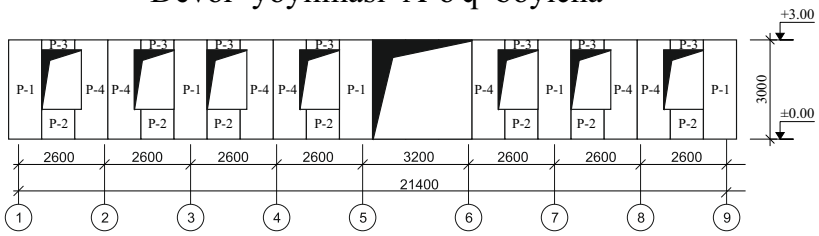
"Oilaviy shifokorlik punkti" binosi

Bosqich	Varoq	Varoqlar
IL	8	26

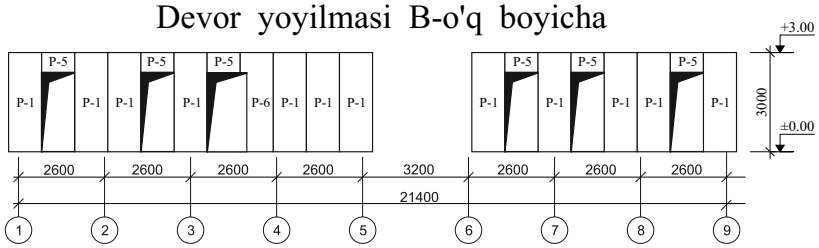
Стойка Ст1

"BINOKORLOYIHA" MChJ»

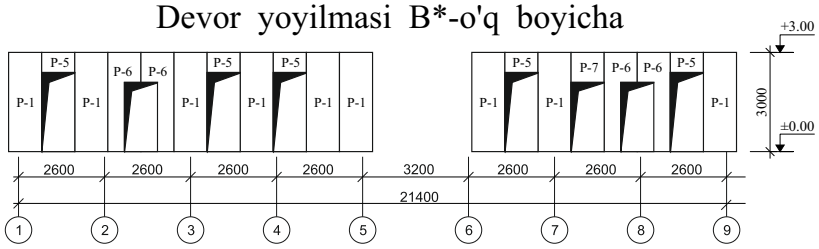
Devor yoyilmasi A-o'q boyicha



Devor yoyilmasi B-o'q boyicha



Devor yoyilmasi B*-o'q boyicha



- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

Eg.lav	Qat.soni	Varoq	№xujj	Imzolar	Sana
L B M		Nurmamedov M			
Bajardi		Nurmamedov M			

Shifr: KJ

Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.

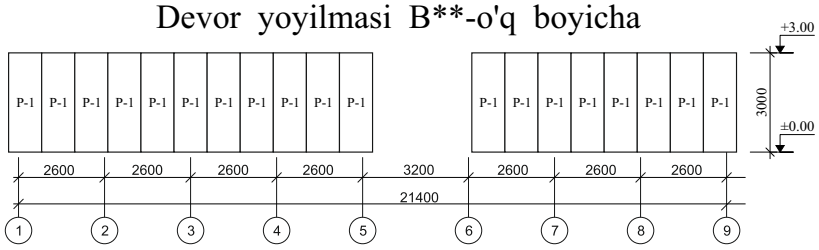
"Oilaviy shifokorlik punkti" binosi

Bosqich	Varoq	Varoqlar
IL	9	26

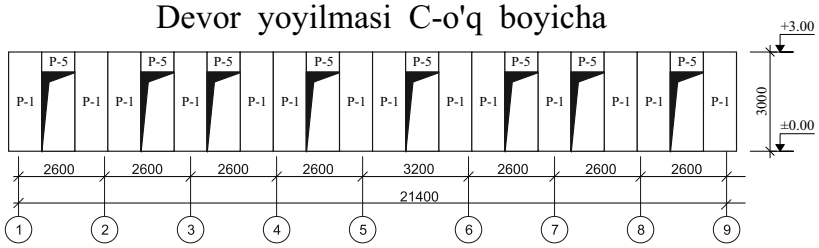
Devor yoyilmasi A-B o'qlar bo'ycha

"BINOKORLOYIHA" MChJ»

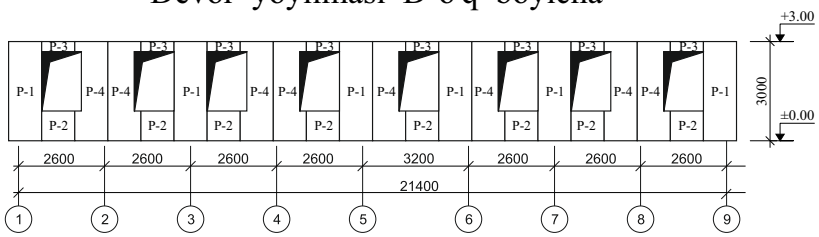
Devor yoyilmasi B**-o'q boyicha



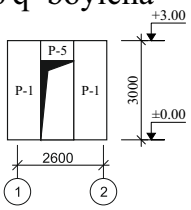
Devor yoyilmasi C-o'q boyicha



Devor yoyilmasi D-o'q boyicha



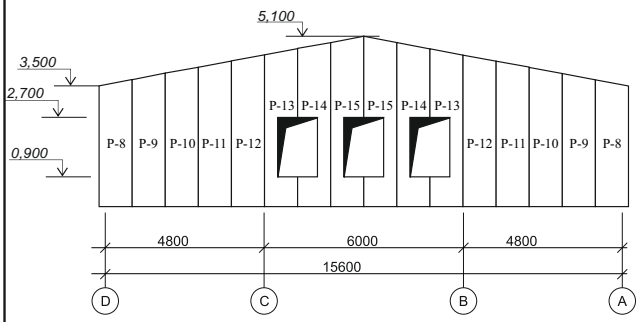
Devor yoyilmasi C*-o'q boyicha



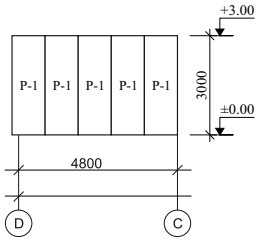
- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

						Shifr:		KJ	
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.			
						"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	10	26
						Devor yoyilmasi B,C,D o'qlar bo'yicha	"BINOKORLOYIHA" MChJ»		
				Imzolar	Sana				
			Varoq	№xujj	Imzolar				
		Eg.lav	Qat.soni	L B M	Nurmamedov				
				Bajardi	Nurmamedov				

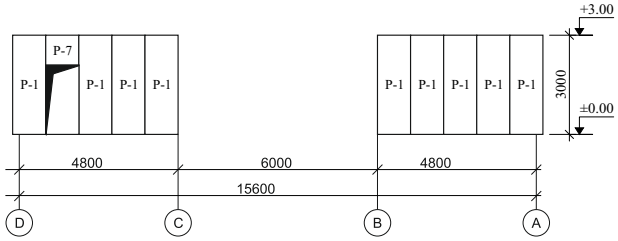
Devor yoyilmasi 1-o'q boyicha



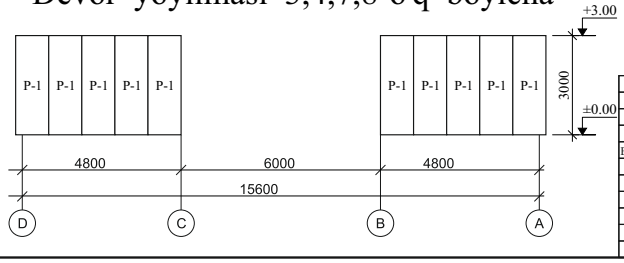
Devor yoyilmasi 5-o'q boyicha



Devor yoyilmasi 2-o'q boyicha



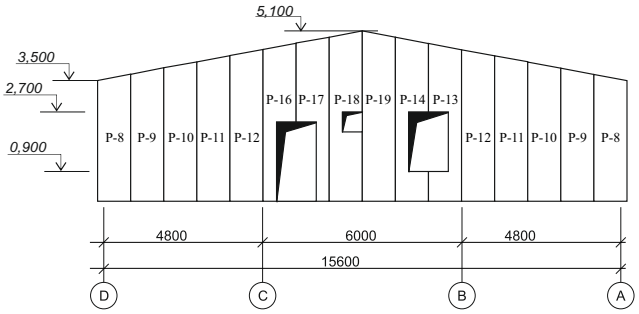
Devor yoyilmasi 3,4,7,8-o'q boyicha



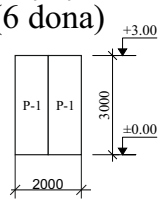
- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

						Shifr:		KJ	
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.			
						"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	11	26
						Devor yoyilmasi	"BINOKORLOYIHA" MChJ»		
				Imzolar	Sana				
		Eg.lav	Qat.soni	Varoq	№xujj				
		L B M		Nurmamedov					
		Bajardi		Nurmamedov					

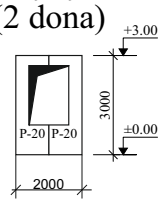
Devor yoyilmasi 9-o'q boyicha



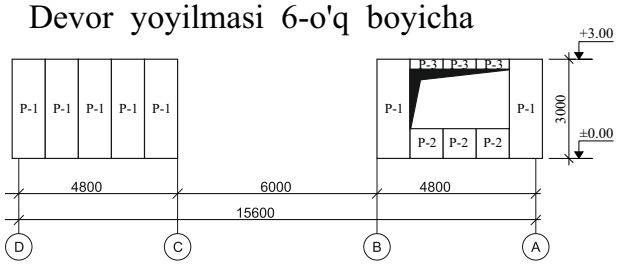
Devor yoyilmasi (6 dona)



Devor yoyilmasi (2 dona)



Devor yoyilmasi 6-o'q boyicha



- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

						Shifr:		KJ	
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.			
Eg.lav	Qat.soni	Varoq	№xujj	Imzolar	Sana				
L B M		Nurmamedov M				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	12	26
Bajardi		Nurmamedov M				Devor yoyilmasi	"BINOKORLOYIHA" MChJ»		

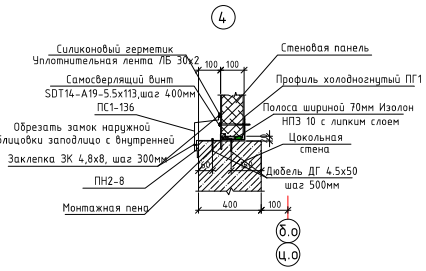
Sarf hisoboti qaytnomasi.

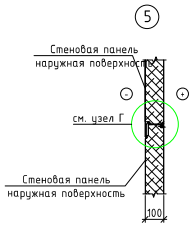
Marka	Nomi va umumiy o'lchamlari l×b×t, mm			Miqdori dona	Jami m²	Qoldiq m²
	Uzunlik l mm	Eni b mm	Qalinlik t mm			
	Bazalt va mineral tolaga asoslangan devor yopish panellari (qalinlik 100mm b=1000					
P1	3000	1000	100	140	420,0	
P2	900	1000	100	18	16,2	
P3	300	1000	100	18	5,4	
P4	3000	1000	100	15	39,6	5,4
P5	600	1000	100	20	12,0	
P6	3000	1000	100	4	7,8	4,2
P7	900	1000	100	2	1,8	
P8	3900	1000	100	4	15,2	0,4
P9	4000	1000	100	4	15,6	0,4
P10	4200	1000	100	4	16,4	0,4
P11	4400	1000	100	4	17,2	0,4
P12	4600	1000	100	4	18,0	0,4
P13	4800	1000	100	3	10,86	3,54
P14	5000	1000	100	3	11,46	3,54
P15	5200	1000	100	2	8,04	2,36
P16	4800	1000	100	1	3,26	1,54
P17	5000	1000	100	1	3,46	1,54
P18	5200	1000	100	1	4,74	0,46
P19	5200	1000	100	1	5,0	0,2
P20	3000	1000	100	2	3,84	2,16
		Jami: м2			635,86	26,94

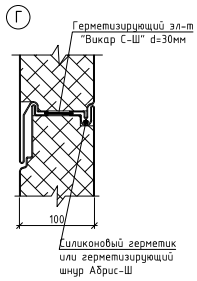
- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

						Shifr:		KJ	
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.			
Eg.lav	Qat.soni	Varoq	№xujj	Imzolar	Sana				
L B M		Nurmamedov M				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	13	26
Bajardi		Nurmamedov M				Sarf hisoboti qaytnomasi.	"BINOKORLOYIHA" MChJ»		

Сэндвич панелларни метал конструкцияларга қотириш тугунлари







Elementlarning spetsifikatsiyasi

Marka poz	Belgilar	Nomi	Soni	O"girlik	Eslatma
1	Burchak nakladka polimer qoplangan tunika qal.0.5mm		14,0	19,0	м
13	Sokol profili polimer qoplangan tunika qal.0.5mm		74,0	65,7	м
15	Oyna va eshik atrofi profili polimer qoplangan tunika qal.0.5mm		288,9	275,3	м

Eg.lav	Qat.soni	Varoq	Nexuji	Imzolar	Sana
L B M		Nurmamedov M			
Bajardi		Nurmamedov M			

Shifr: KJ

Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.

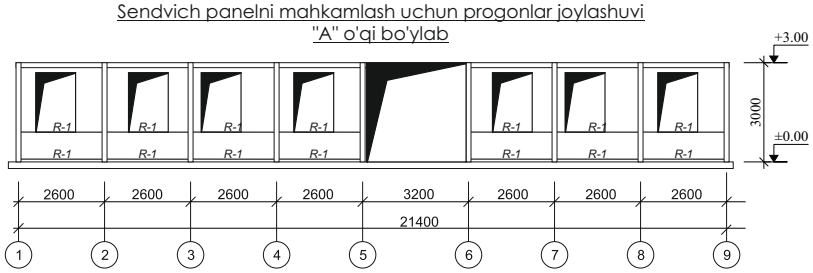
"Oilaviy shifokorlik punkti" binosi

Bosqich	Varoq	Varoqlar
IL	14	26

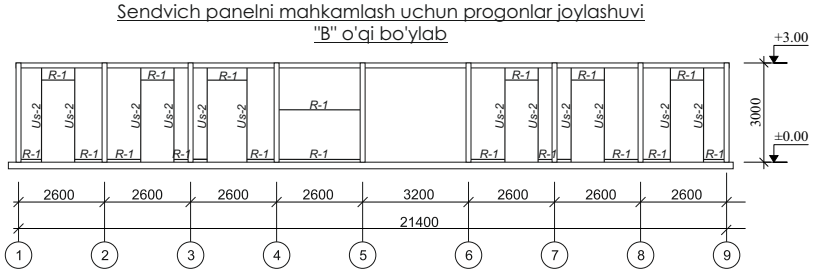
Сэндвич панелларни метал конструкцияларга қотириш тугунлари

"BINOKORLOYIHA" MChJ»

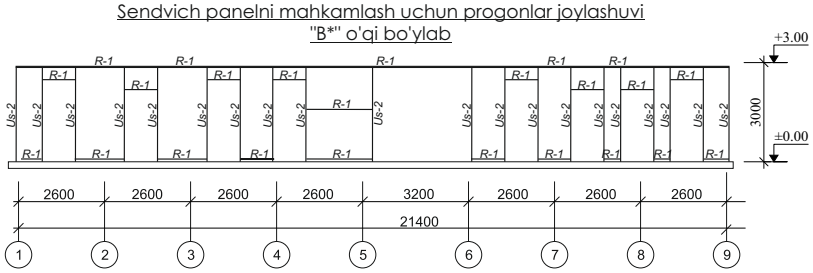
Sendvich panelni mahkamlash uchun progonlar joylashuvi
"A" o'qi bo'ylab



Sendvich panelni mahkamlash uchun progonlar joylashuvi
"B" o'qi bo'ylab



Sendvich panelni mahkamlash uchun progonlar joylashuvi
"B*" o'qi bo'ylab



- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

Eg.lav	Qat.soni	Varoq	Nexuji	Imzolar	Sana
L B M		Nurmamedov M			
Bajardi		Nurmamedov M			

Shifr: KJ

Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.

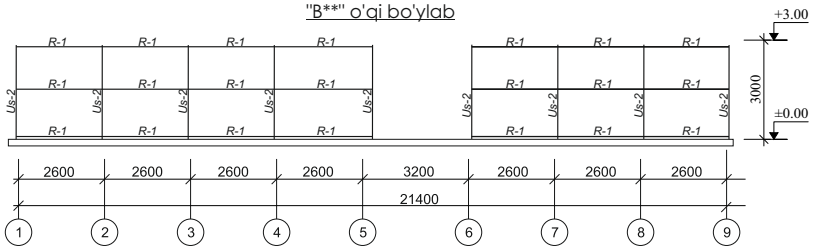
"Oilaviy shifokorlik punkti" binosi

Bosqich	Varoq	Varoqlar
IL	15	26

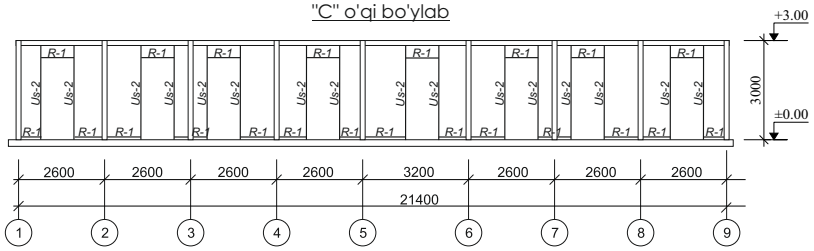
Sendvich panelni mahkamlash uchun progonlar joylashuvi

"BINOKORLOYIHA" MChJ»

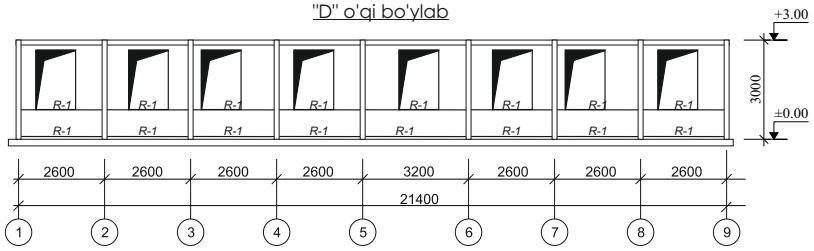
Sendvich panelni mahkamlash uchun progonlar joylashuvi "B**" o'qi bo'ylab



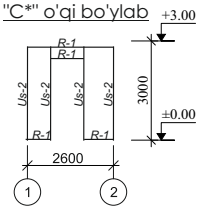
Sendvich panelni mahkamlash uchun progonlar joylashuvi "C" o'qi bo'ylab



Sendvich panelni mahkamlash uchun progonlar joylashuvi "D" o'qi bo'ylab



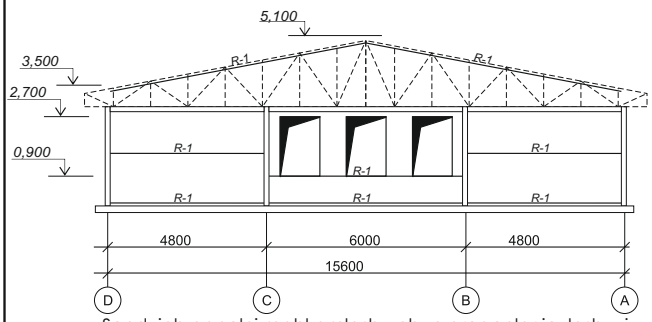
Sendvich panelni mahkamlash uchun progonlar joylashuvi "C*" o'qi bo'ylab



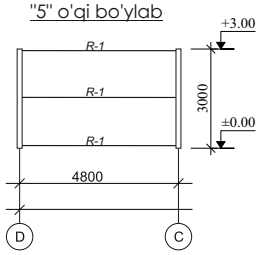
- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

						Shifr:		KJ	
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.			
					Sana	"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
					Imzolar		IL	16	26
					Nexuji				
					Varoq				
				Qat.soni					
			Eg.lav	L B M	Nurmamedov	Sendvich panelni mahkamlash uchun progonlar joylashuvi	"BINOKORLOYIHA" MChJ»		
				Bajardi	Nurmamedov				

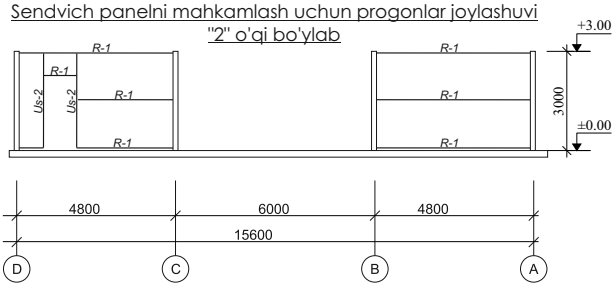
Sendvich panelni mahkamlash uchun progonlar joylashuvi "1" o'qi bo'ylab



Sendvich panelni mahkamlash uchun progonlar joylashuvi "5" o'qi bo'ylab



Sendvich panelni mahkamlash uchun progonlar joylashuvi "2" o'qi bo'ylab



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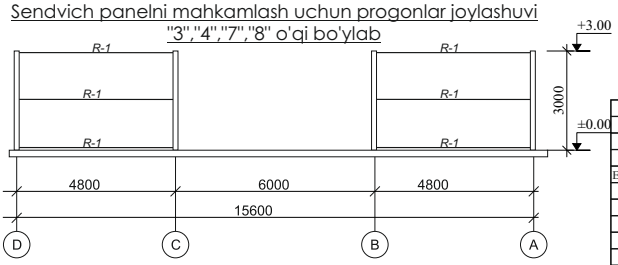
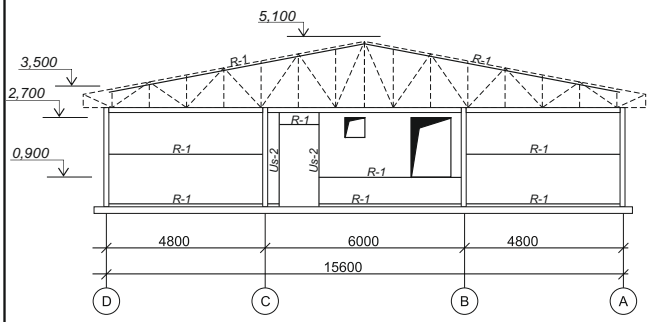


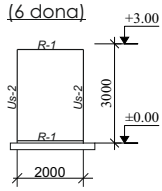
- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

						Shifr:		KJ	
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.			
						"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	17	26
			Eg.lav	Qat.soni	Varoq	Nexuji	Imzolar	Sana	
				L B M	Nurmamedov				
				Bajardi	Nurmamedov				
						Sendvich panelni mahkamlash uchun progonlar joylashuvi	"BINOKORLOYIHA" MChJ»		

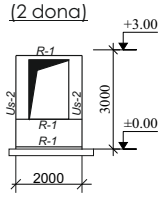
Sendvich panelni mahkamlash uchun progonlar joylashuvi "9" o'qi bo'ylab



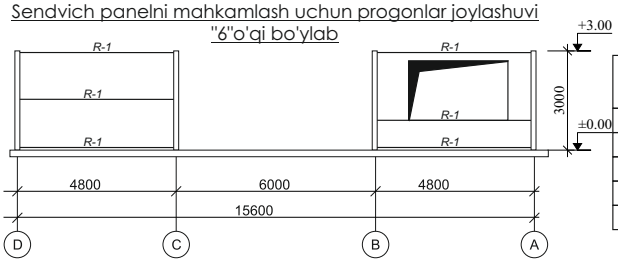
Sendvich panelni mahkamlash uchun progonlar joylashuvi (6 dona)



Sendvich panelni mahkamlash uchun progonlar joylashuvi (2 dona)



Sendvich panelni mahkamlash uchun progonlar joylashuvi "6"o'qi bo'ylab



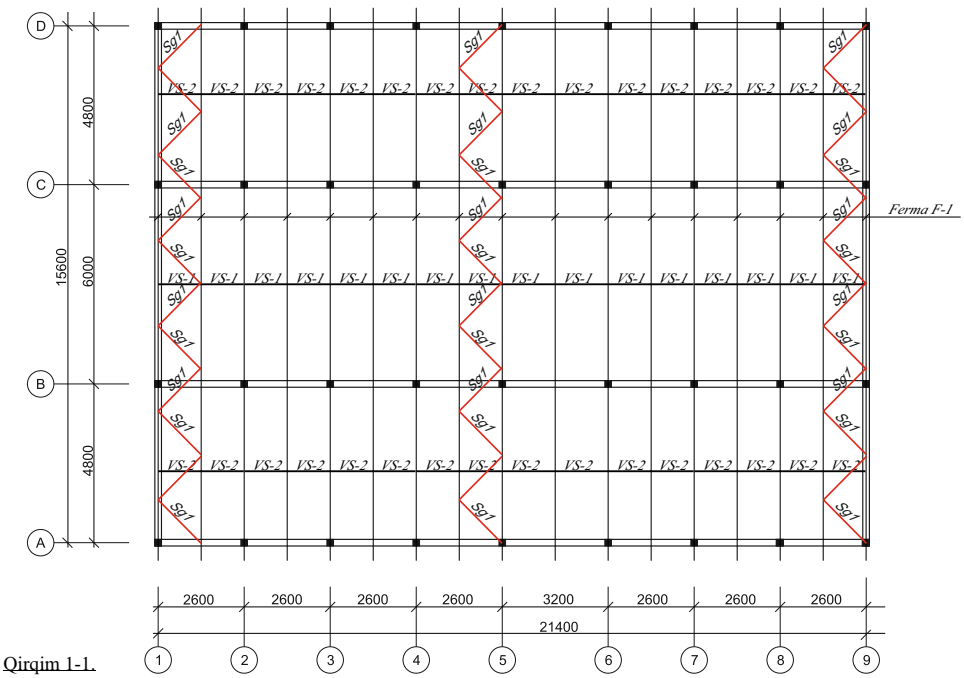
Elementlarning spetsifikatsiyasi

Marka poz	Belgilar	Nomi	Soni	O"girlik	Eslatma
1	GOST 8645-68	Rigel ▢60x40x2,5 L=jami	529,0	3,86	m
2	GOST 8645-68	Ustun ▢60x60x3 L=jami	234,9	5,18	m

- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

						Shifr:		KJ
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.		
Eg.lav	Qat.soni	Varoq	№xujj	Imzolar	Sana			
L B M		Nurmamedov M				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	18	26
Bajardi		Nurmamedov M						
						Sendvich panelni mahkamlash uchun progonlar joylashuvi	"BINOKORLOYIHA" MChJ»	

Metall ferma o'rnatish rejasi



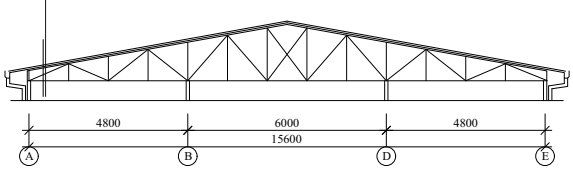
"Sendvich" tipidagi izolyatsiyali panellar

Progon profil 50x30x2,0 qad.500mm

Metall ferma qad. 1300 mm

Gipsokarton shift

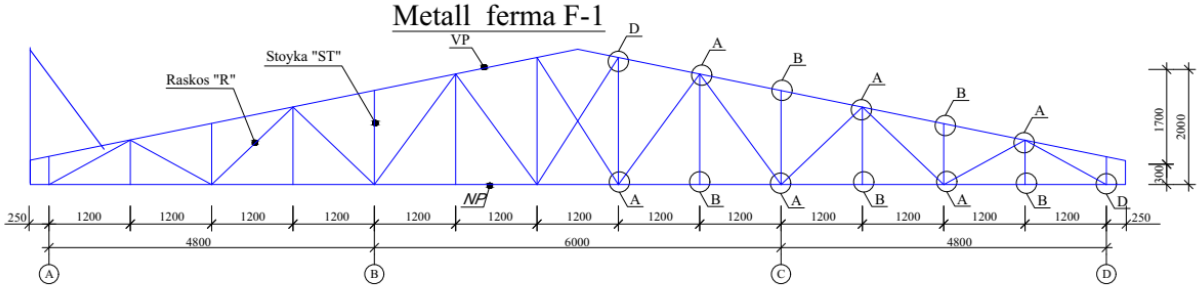
Qirqim 1-1.



- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

						Shifr:		KJ
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.		
Eg.lav	Qat.soni	Varoq	№xujj	Imzolar	Sana			
L B M		Nurmamedov M				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	19	26
Bajardi		Nurmamedov M						
						Metall ferma o'rnatish rejasi, Qirqim 1-1	"BINOKORLOYIHA" MChJ»	

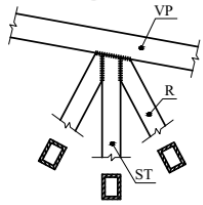
Metall ferma F-1



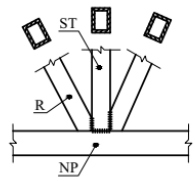
Sarf hisoboti

Marka	T/r	Belgilash	Nomlanish	Soni dona	Og'irlig kg	Eslatma.
Ferma F - 1	VP.	ГОСТ 8645-68	☐ 60×40×3 L = 17100	1	73.53	145,34
	NP.	-//-	☐ 60×40×3 L = 16100	1	71.81	
	ST.	ГОСТ 8639-82	▫ 40×40×3 L = 16600	1	54,95	136,71
	R.	-//-	▫ 40×40×3 L = 24700	1	81,76	
Obshiy rasxod profil			Profil 60×40×3			**2470,78**
			Profil 40×40×3			**2324,07**
		Progon profil P-1 792,4 m.				
1	P-1	ГОСТ 8639-82	☐ 50×30×2 L = 1000	1	2.32	1838,4
2	Bazalt va mineral tolaga asoslangan devor yopish panellari qal 100mm			m²	380,0	
	Obshivka parapet alyukobond			m²	140,4	
3	MK-1	ГОСТ 8639-82	☐ 40×20×2 L = jami	255,6	1,7	434,52
4	Suv latogi.			p/m	44,0	
5	Suv trubasi Ø100 mm			p/m	30,0	
6	Konyok			m²	22,0	
7	Qor to'sqich L=1000 m			dona	44	
8	Sv-1	ГОСТ 8639-82	☐ 60×60×3 L = 2400	16	12,43	198,88
9	Sv-2	ГОСТ 8639-82	☐ 60×60×3 L = 1600	32	8,29	265,28
10	Sg-1	ГОСТ 8639-82	☐ 60×60×3 L = 1850	36	9,58	344,88

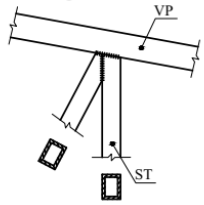
Tugun «A»



Tugun «A»



Tugun «D»



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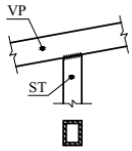

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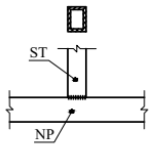
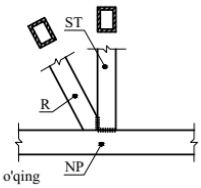


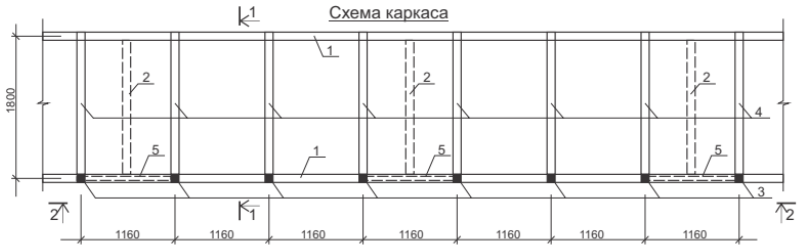
Tugun «D»



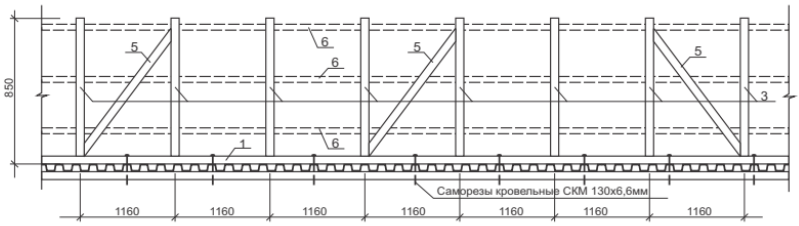
- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

						Shifr:		KJ
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.		
Eg.lav	Qat.soni	Varoq	Nexuji	Imzolar	Sana			
L B M		Nurmamedov M.				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	20	26
Bajardi		Nurmamedov M.				Metall ferma F-1, Tugun-A, B, D, Sarf hisoboti	"BINOKORLOYIHA" MChJ»	

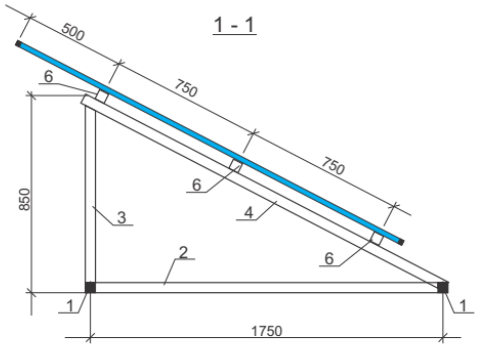
Схема каркаса



2 - 2



1 - 1



Спецификация элементов

Марка поз	Обозначения	Наименование	Кол-во	Масса ед. Кг	Примеч
1	ГОСТ8639	Гн☐40х40х1,7 L= 25,0пм		2,01	50,3кг
2	ГОСТ8639	Гн☐40х40х1,7 L= 1750	5	3,51	17,55кг
3	ГОСТ8639	Гн☐40х40х1,7 L=800	10	1,6	16,24кг
4	ГОСТ8639	Гн☐40х40х1,7 L= 1950	10	3,91	39,1кг
5	ГОСТ8639	Гн☐40х40х1,7 L= 900	6	1,8	11,7кг
6	ГОСТ8639	Гн☐40х40х1,7 L= 25,0 пм		2,01	50,3кг
		Уголок для крепления пенеля	30		шт
		Саморезы СКМ 130х6,6мм	20		шт

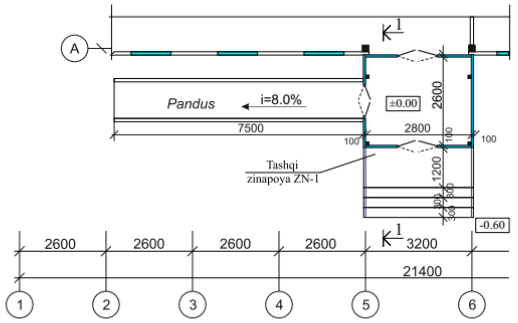
ОБЩИЕ УКАЗАНИЯ.

1. Изготовление и монтаж металлических конструкций производит в соответствии с главой КМК III -18-75.
2. Монтажные работы должны производиться по заранее разработанному и утвержденному проекту производства работ. Выполненному в соответствии с требованиями ШНК 3.01.01-03 и КМК3.01.02-00.
3. Сварку производить электродами типа Э42А, РСТУз 865-98.
4. Все металлоконструкции окрасить двумя слоями эмали ПФ-115 по одному слою грунта ГФ-021,ГОСТ 12186-79.
5. Все сварные швы принимать по наименьшей толщине свариваемых элементов ноне более hш=6мм.

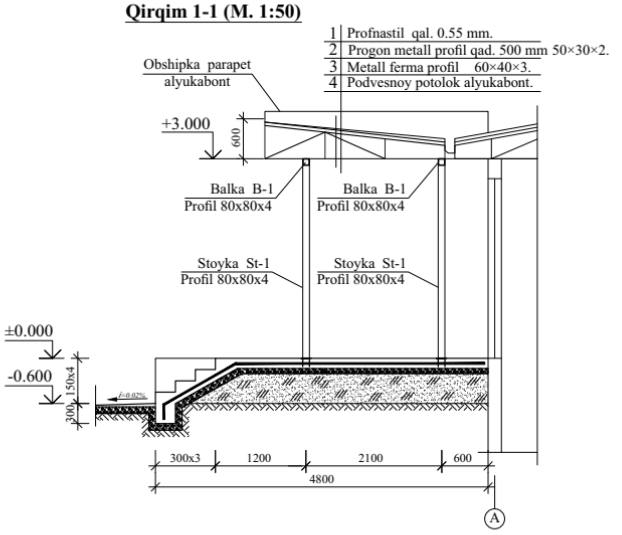
						Shifr:		KJ
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.		
Eg.lav	Qat.soni	Varoq	Nexuji	Imzolar	Sana			
L B M		Nurmamedov M.				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	21	26
Bajardi		Nurmamedov M.				Схема расположения элементов каркаса. Разрез 1 - 1, 2-2	"BINOKORLOYIHA" MChJ»	

Взам.инв.N | Подпись,дата | Инв. N подл.

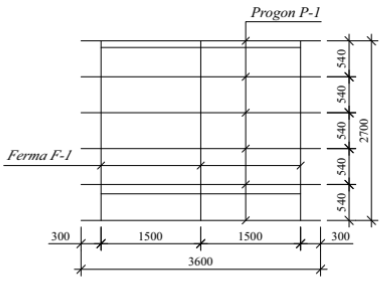
Fragment plan soyabon rejasi



Qirqim 1-1 (M. 1:50)



Metall ferma o'rnatish rejasi

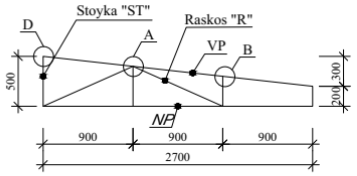


- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

						Shifr:			KJ
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.			
Eg.lav	Qut.soni	Varoq	№xujj.	Imzolar	Sana				
L B M		Nurmamedov M				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
Bajardi		Nurmamedov M					IL	22	26
						Fragment plan soyabon rejasi, Qirqim 1-1, Metall ferma o'rnatish rejasi	"BINOKORLOYIHA" MChJ»		

Kelishildi:
O'zgar.Inven. №
Sana. Imzo
Inven. № Imzo

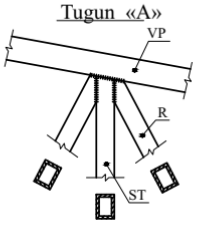
Metall ferma F-1



Sarf hisoboti

Marka	T/r	Belgilash	Nomlanish	Soni dona	Og'irlig kg	Eslatma.
Ferma F - 1	VP.	ГОСТ 8645-68	□ 60×40×3 L = 2700	1	11.61	23.31
	NP.	-//-	□ 60×40×3 L = 2720	1	11.70	
	ST.	ГОСТ 8639-82	□ 40×40×3 L = 1400	1	4.7	11.32
	R.	-//-	□ 40×40×3 L = 1970	1	6.62	
Obshiy rasxod profil			Profil 60×40×3		23.31	**69.93**
			Profil 40×40×3		11.32	**33.96**
		Progon profil P-1 21.6 m.				
1	P-1	ГОСТ 8639-82	□ 50×30×2 L = 1000	1	2.32	50.1
2		Profnastil qal. 0.55 mm.		m²	10.0	
3		Obshipka parapet alyukobond		m²	7.76	
4	MK-1	ГОСТ 8639-82	□ 40×20×3 L = 22.4	1	38,08	
5		Podvesnoy potolok tunikafon		m²	37.1	
6	ST-1	ГОСТ 8639-82	□ 80×80×4 L = 2950	4	110.1	
7	B-1	ГОСТ 8639-82	□ 80×80×4 L = 3300	2	61.6	

Tugun «A»



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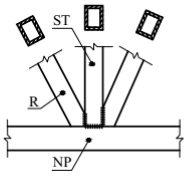

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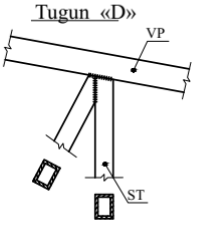

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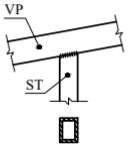

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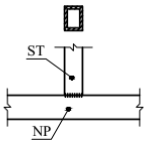

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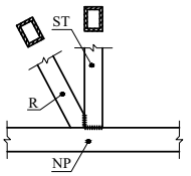
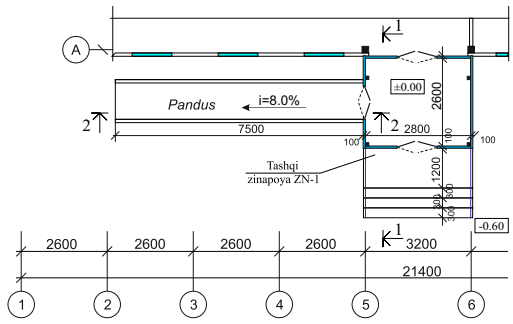


- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

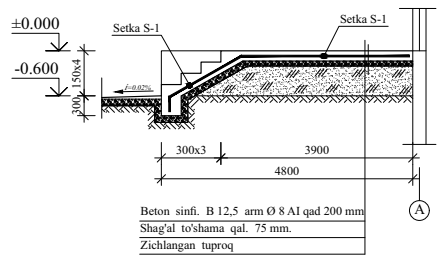
						Shifr:			KJ
						Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.			
Eg.lav	Qut.soni	Varoq	№xujj.	Imzolar	Sana				
L B M		Nurmamedov M				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
Bajardi		Nurmamedov M					IL	23	26
						Metall ferma F-1, Tugun-A, B, D, Sarf hisoboti	"BINOKORLOYIHA" MChJ»		

Kelishildi:
O'zgar.Inven. №
Sana. Imzo
Inven. № Imzo

Fragment plan ZN-1 Pandus

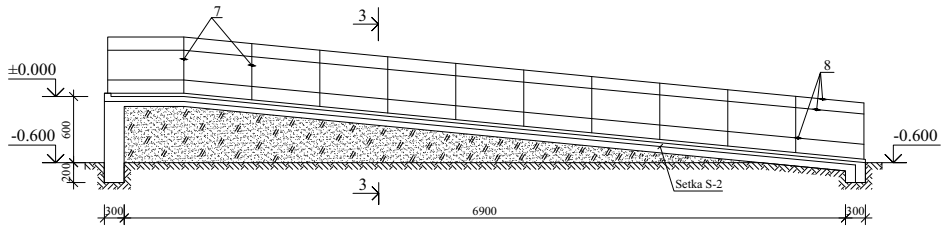


Qirqim 1-1 (M. 1:50)

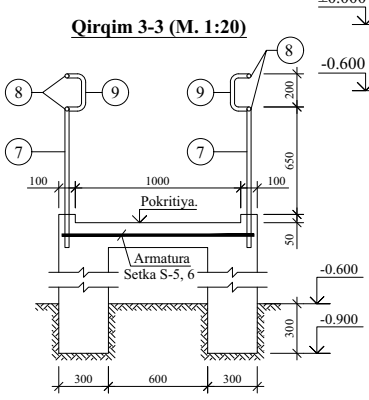


Beton sinfi. B 12,5 arm Ø 8 AI qad 200 mm
Shag'al to'shama qal. 75 mm.
Zichlangan tuproq

Qirqim 2-2 (M. 1:50)



Qirqim 3-3 (M. 1:20)

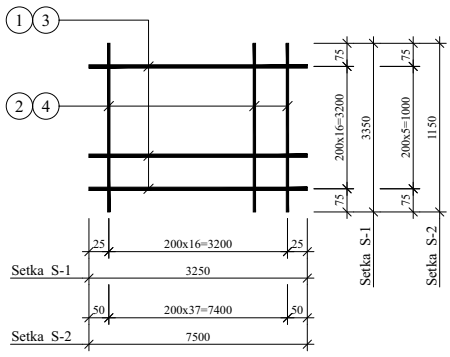


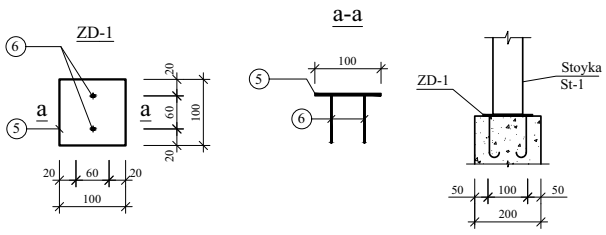
- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

Shifr:						KJ		
Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.								
Eg.lav	Qat.soni	Varoq	№xujj.	Imzolar	Sana			
L B M		Nurmamedov M				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	24	26
Bajardi		Nurmamedov M							
Fragment plan zinapoya ZN-1, Qirqim 1-1, 2-2, 3-3						"BINOKORLOYIHA" MChJ»			

Kelishildi; O'zgar.Inven. № Sana. Imzo Inven. № Imzo

Arm. Setka S-1, S-2





Sarf hisoboti

T/r	Belgilanish	Nomlanish	Soni	Og'irli	Eslatma
	Tashqi zinapoya №1	Setka S-1			
1	ГОСТ 5781-82*	Ø 8 A-I L = 3250	17	21.8	44.3
2	-//-	Ø 8 A-I L = 3350	17	22.5	
	Material	Beton sinfi. B-15	2.28	m3	
	Pandus	Setka S-2			
3	ГОСТ 5781-82*	Ø 8 A-I L = 7500	6	12,9	26,0
4	-//-	Ø 8 A-I L = 1150	38	13,1	
	Material	Beton sinfi. B-15	2.59	m3	
		ZD - 1			
5	ГОСТ 103 - 76	Polosa 100×100 t=8,0 mm	1	0,63	
6	Гост 5781-82*	Armatura Ø12 A- III L=200	2	0,36	
	Ograjdeniya OG-1	TP-2			
7	ГОСТ 8732-78	Truba Ø 25x4 L=900	18	33.54	139.1
8	-//-	Truba Ø 25x4 L=7300	6	90.66	
9	-//-	Truba Ø 25x4 L=400	18	14.9	
10	-//-	Truba Ø 25x4 L=jami	24.2	2.06	49.2

Umumiy materiallar sarfi

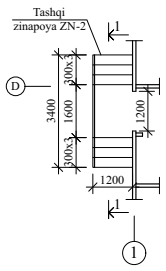
Konstruksiyani nomlanishi	Марка каркаса	Soni	Arm. ГОСТ 5781-82* Ø 8A-I	Ø10A-III	Ø12A-III	List - 8	Truba Ø 25x4	Truba o 80x60	Truba o 80x80	Beton B-15 (m³)
Tash zina №1	Setka S - 1	1	44.3							2.28
Pandus	Setka S - 2	1	26.0							2.59
	ZD - 1	18			6.5	11.3				
	TP-2	1					139.1			
Jami:			**70.3**		**6.5**	**11.3**	**139.1**			**4.87**

- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

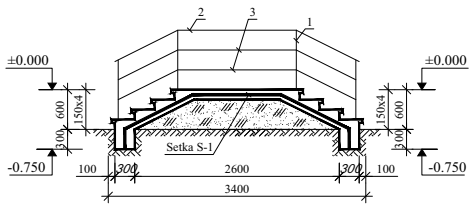
Shifr:						KJ		
Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.								
Eg.lav	Qat.soni	Varoq	№xujj.	Imzolar	Sana			
L B M		Nurmamedov M				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	25	26
Bajardi		Nurmamedov M							
Setka S-1, 2, ZD-1, Sarf hisoboti, Umumiy materiallar sarfi						"BINOKORLOYIHA" MChJ»			

Kelishildi; O'zgar.Inven. № Sana. Imzo Inven. № Imzo

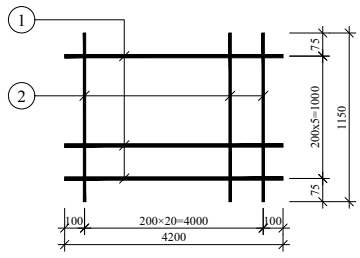
Fragment plan 2



Qirqim 1-1



Setka S-1



T/r	Belgilash	Nomlanish	Soni	Og'irligi	Eslatma
1	ГОСТ 5781-82*	*Ø 8 A-I L=4200*	6	9.95	19.5
2	-//-	*Ø 8 A-I L=1150*	21	9.55	
	Xom ashyo:	*Beton sinfi. B-12,5*			1.25
1	Ojurniy	*Ø 32 L=900*	4		
2	Ojurniy	*Ø 32 L=3600*	1		
3	Ojurniy	*Ø 25 L=3600*	2		

Umumiy materiallar sarfi

Konstruksiya nomlanishi	Marka karkas	Soni uzunligi	GOST 5781-82* A-I Ø6	A-I Ø8	A-III Ø12	A-III Ø25	*Beton B-12,5 (m³)*
Zinapoya ZN-2	*SetkaS-1*	*2*		*19.5*			*1.25*
Jami:				***19.5***			***1.25***

- Ushbu varoqni AQ- varoqlari bilan birgalikda o'qing

Shifr:						KJ		
Oltinko'l tumani Madiyorchek MFY xududida mavjud "Madyorobod QVP" bino inshoatlarini buzib o'rniga "Oilaviy shifokorlik punkti" bino inshoatlarini qurilishi.								
Eg.lav	Qat.soni	Varoq	№xujj.	Imzolar	Sana			
L B M		Nurmamedov M				"Oilaviy shifokorlik punkti" binosi	Bosqich	Varoq	Varoqlar
							IL	26	26
Bajardi		Nurmamedov M							
Fragment plan zinapoya ZN-3, Qirqim 1-1, Setka S-1, Sarf hisoboti, Umumiy materiallar sarfi						"BINOKORLOYIHA" MChJ»			

Kelishildi; O'zgar.Inven. № Sana. Imzo Inven. № Imzo