



O'zbekiston Respublikasi Qurilish va uy-joy kommunal xo'jaligi vazirligi
"Kommunal LITI" DM
"Surxondaryo" hududiy filiali

Manzili: Termiz sh. Ibn Sino ko'chasi-1/8

Hudud: Surxondaryo viloyati Jarqo'rg'on tumani Ismoiltepa MFY
hududida ichimlik suv qudug'i qazish

Albom № __

Ichimlik qudug'i

№ 05/20263

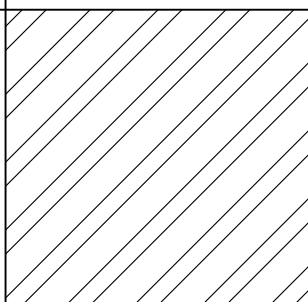
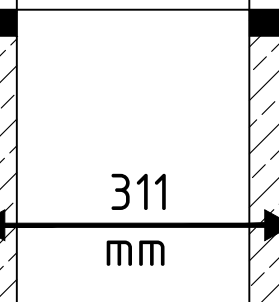
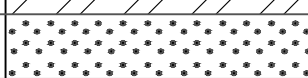
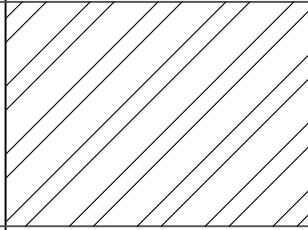
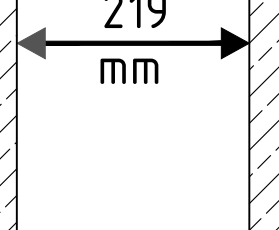
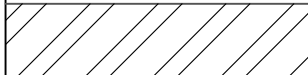
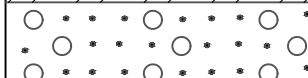
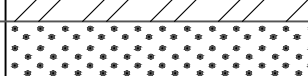
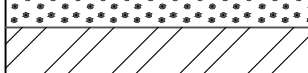
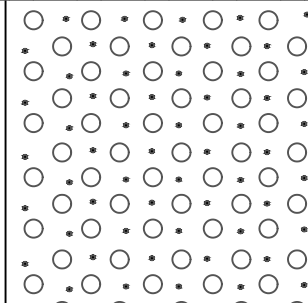
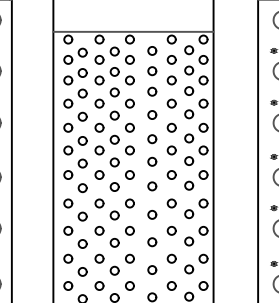
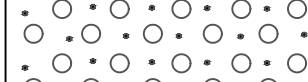
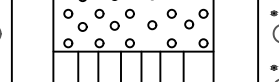
Direktor:

Loyiha bosh muhandisi:

Y. Mengliyev

M. Mengliyev

Qudugning geologik va litologik kesimi

Chuqurlik shkalasi	Geologik indeks	Qatlamlarning barqarorlik kategoriyasi	Qatlamlar tartib raqami, m	Qatlamlar chuqurligi, m		Qatlamlarning qalindigi, m	Quduqning qatlamlar bo'yicha litologik qirqimi		Mavjud qatlamning litologik nomi	Qatlamlarning burg'ulash bo'yicha kategoriyasi	
				dan	gacha		+0,5m				
10	QIII	II	1	0.0	19	19			Soz tuproq	II	
20		II	2	19	23	4			Qum	IV	
30		II	3	23	37	14			Soz tuproq	II	
40										Soz tuproq qatlamchali shag'alli qum	IV
50											
60											
70											
80											
90											
100		II	4	37	158	121			Soz tuproq qatlamchali shag'alli qum	IV	
110											
120											
130											
140											
150											
160	II	5	158	173	15			Qum qatlamchali soz tuproq	IV		
170	II	6	173	178	5			Zich soz tuproq	II		
180	II	7	178	210	32			Shag'al aralash qum	V		
190											
200											
210											

Quduqni burq'ulash bo'yicha ishlar hajmlari jadvali

N t/r	Nomlanishi	Birlik	Hajmi	Eslatma
1	2	3	4	5
1	III guruh tuproqlarida loy eritma tayyorlash uchun chuqur qazish. Sig'imi. 0,25 m3	m3	2.5	
2	Qayta to'ldirish	m3	2.5	
3	Glina (20*0,4+8*1,7)*1,98	m3/tn	21,6/42,76	
4	Quvur qurilmasini sementlash	tn	5,627	
5.1	II toifadagi tuproqlarda aylanma usulda d=311,1 mm burg'ulash	m	33	
5.2	IV toifadagi tuproqlarda aylanma usulda d=311,1 mm burg'ulash	m	7	
6.1	II toifadagi tuproqlarda aylanma usulda d=215,9 mm burg'ulash	m	5	
6.2	IV toifadagi tuproqlarda aylanma usulda d=215,9 mm burg'ulash	m	133	
6.3	V toifadagi tuproqlarda aylanma usulda d=215,9 mm burg'ulash	m	32	
7	Quduqni qobiq quvurlari bilan mahkamlash. Ø219x8 mm	m	40,5	GOST 10705
8	Quduqni qobiq quvurlari bilan mahkamlash. Ø127x5 mm	m	170	GOST 10705
9	shu jumladan teshilgan filtr Ø127x5 mm, suv o'tkazuvchanligi 20,1%	m	20	
10	Qudug uchun elektrokarotaj ishlari (Izlanish olib borish)		1	
11	Ostki qopqoq Du=168 mm	dona	1	
12	Erlift (havo haydash) usulida quduqni yuvish ishlari	kun	3	
13	Nasos yordamida sinov ishlari	kun	1	
14	Qudug ichidan suvni ko'tarib beruvchi quvur Ø76x3,5 mm	m	30	GOST 10705
15	Taklif etilgan suv ko'tarish nasosi 200QJ25-70 Q-25m3/q,H-70m,V-9,2 kVt	dona	1	
16	Gilli eritma tayyorlash uchun suv (66*0,4)+(27*1,7)	m3	72,3	
17	Sementli eritma tayyorlash uchun suv (0,32*4)+(0,14*13)	m3	3,1	

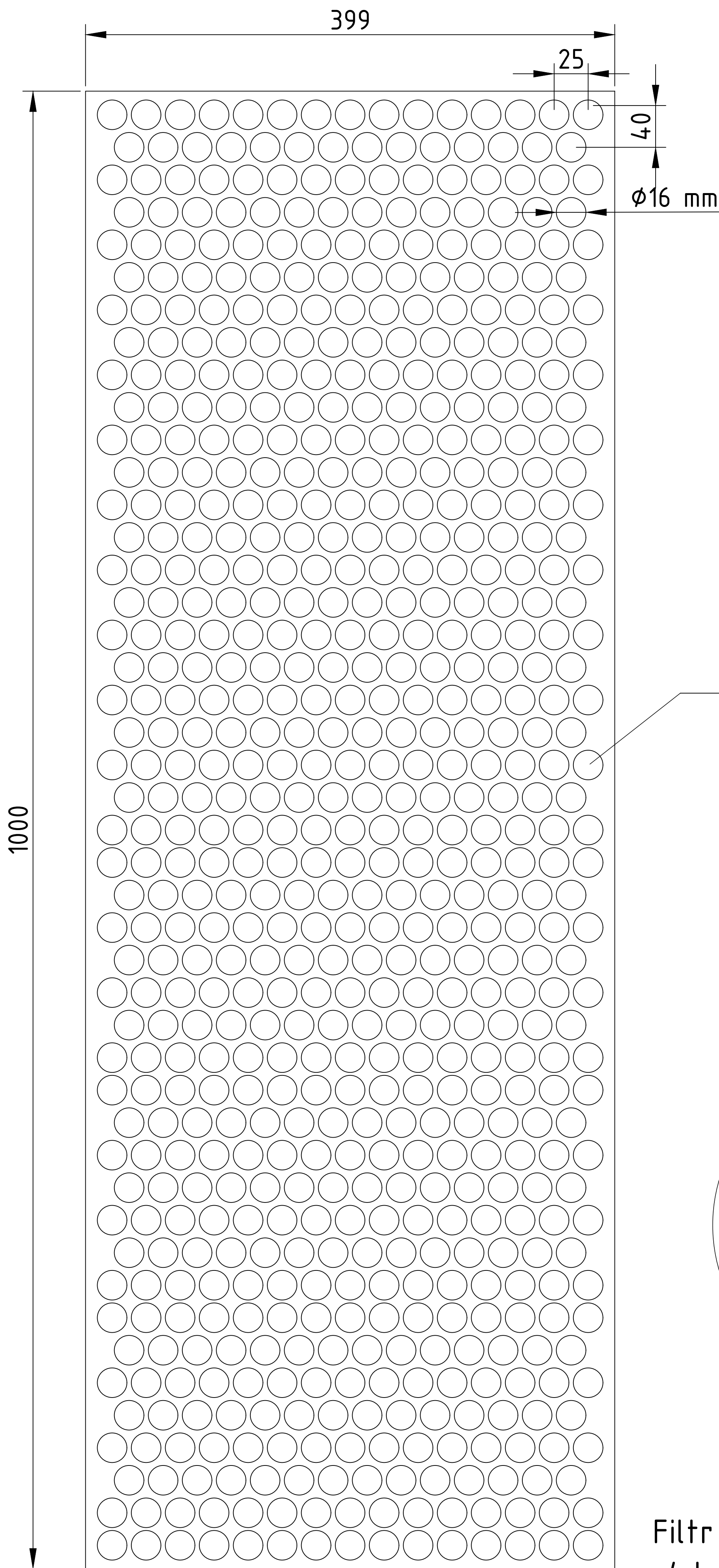
QAYDLAR:

1. Ishlab chiqarish qudug'ini burg'ulash, filtrni to'ldirish va konstruksiyani nasos bilan to'ldirish jarayonlari filtr shakllanishi tugagunga qadar uzluksiz amalga oshirilishi kerak.

2. Burg'ilash tugagandan so'ng, pudratchi tashkilotning gidrogeologiya xizmati vakili haqiqiy uchastkaga asoslanib, filtrni o'rnatish oralig'ini aniqlashtirishi va agar u loyihadan chetga chiqsa, loyiha vakili bilan o'zgartirish to'g'risida kelishib olishi kerak. Loyiha tashkilotining vakili yoki buyurtmachi bilan o'zgartirish to'g'risida kelishib olish

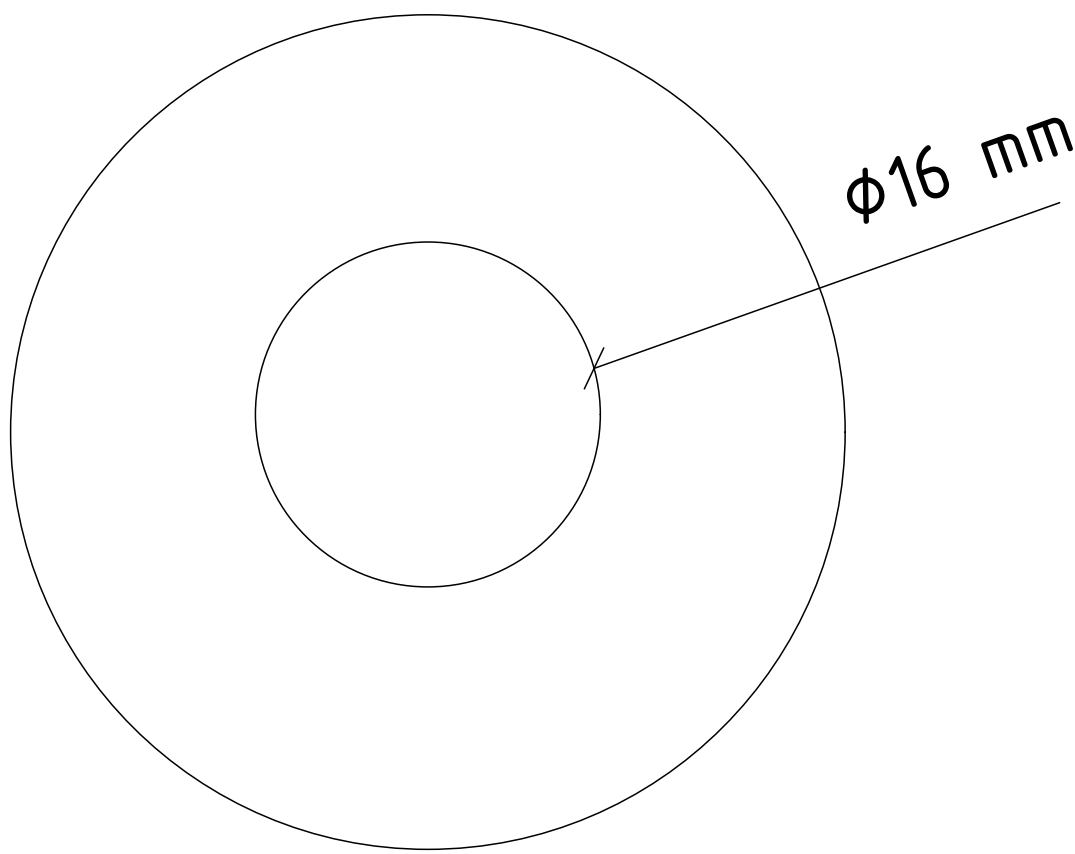
[illegible]

Filtr yoyilmasi 1 m
M1:100



A

Узел "А"
M1:5



Filtr maydoni = 7,98 m2
o'rtacha 1 p.m da.=400 dona teshik
o'rtacha 1 m2 da.=1003 dona teshik

O'tkazuvchanligi (Скважность) = 20,15 %

	Nomlanishi	Birlik	miqdori 1 m.	miqdori 20 m.
1	Ø16mm li teshik filtr turi TP	dona	400	8000

									AC
Rev.Number	Sheet	Doc.No.	Signatur	Date.	Surxondaryo viloyati Jarqo'rg'on tumani Ismoiltepa MFY hududida ichimlik suv qudug'i qazish				
Руководитель группы/ГИП/ Team Leader/Chief Project Engineer	Tamer TUNCER				Tik qudug' qurilishi			Стадия/Stage	Лист/Sheet.
Инженер-гидравлик/ Hydraulic Engineer	Dr.Enis TOKAT							РП/WP	3
Спец. по водоснабжению/ Lead Water Supply Specialist	Ahmet UYANIK				Filtr yoyilmasi			ART ÇEVRE TEKNOLOJİLERİ İNŞ.MÜH.TUR.TİC.LTD.ŞTİ. KOMMUNAL LITI	
Гл. инж. проекта/ ChiefProject Engineer	Мензлюев М.								
Инженер-гидравлик/ Hydraulic Engineer	Мухоморов М.								
Исполнитель/ Executor	Мензлюев М.								

Technical cross-section diagram of a well (Fig. 10). The diagram shows a vertical well structure with various layers and components. Key features include:

- Suv ko'taruvchi quvur** (Water supply pipe) with diameter $\phi 76 \times 3,5$ mm at the top.
- Statik satx** (Static water level) at elevation $\pm 336,0$.
- Dinamik satx** (Dynamic water level) at a depth of $10,0$ m from the static level.
- Suv ko'taruvchi quvur** (Water supply pipe) with diameter $\phi 76 \times 3,5$ mm.
- Nasos** (Pump) located at a depth of $2,3$ m from the dynamic level.
- Burg'ulash diametri** (Drilling diameter) of $\phi 311,1$ mm.
- Qobiq quvuri** (Outer casing) with diameter $\phi = 219 \times 8,0$ mm.
- Qobiq quvuri** (Inner casing) with diameter $\phi = 127 \times 5,0$ mm.
- Quvur bo'shlig'ining orqasini sement eritmasi bilan betonlash** (Cement grout filling the annulus between the casings) for a length of 140 m.
- Burg'ulash diametri** (Drilling diameter) of $\phi 215,9$ mm.
- Teshikli filtr qismi** (Perforated filter section) with diameter $\phi = 127 \times 5,0$ mm.
- Tindirgich** (Sand filter) with diameter $\phi = 127 \times 5,0$ mm at the bottom.
- Total depth** of the well is 210 m.

Qudug xususiyatlari								Oʻrnatish maʼlumotlari		Nasos hususiyatlari					Elektr motorining xususiyatlari		
Qudug raqami	Qobiqning maksimal diametri, mm	Dengiz sathidan balandligi	Hisoblangan oqim tezligi, m3/soat	Hisoblangan oqim tezligi, m3/kun	Belgilar			Elektr dvigateling pastki qisidan "A" yuzigacha boʻlgan masofa, m	Nasosning yuqori qisidan "B" dinamik darajasigacha boʻlgan masofa, m	Nasos markasi	Hisoblangan oqim, m3/soat	Hisoblangan bosim, m	"B" elektr nasos blokining uzunligi, mm	Suv koʻtaruvchi quvurning diametri, mm	Markasi	Quvvat N, kVt	Aylanish tezligi
					Tubigacha	Statik satx (suvniki)	Dinamik satx										
Nº05/20263	219x8 127x5	336,0	45,3	1087,8	-210,0	-2,0	-12,0	177,7	18,0	200QJ25-70	25	70	2300	76x3,5	-	9,2	2850

1. Nasosni montaj ishlaridan oldin tik holda dvigatel ichini maxsus teshik orqali suv bilan to'ldiring.
2. Qo'lda yasalgan filtrlar, teshilgan trubkali TP filtr turi $\phi=127\text{mm}$, $L_f=20,0$. "Filtr yoyilmasi" chizmasiga qarang.

1. Ishlab chiqarish qudug'ini burg'ulash, filtrni to'ldirish va konstruksiyani nasos bilan to'ldirish jarayonlari filtr shakllanishi tugagunga qadar uzluksiz amalga oshirilishi kerak.

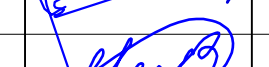
2. Burg'ilash tugagandan so'ng, pudratchi tashkilotning gidrogeologiya xizmati vakili haqiqiy uchastkaga asoslanib, filtrni o'rnatish oraliq'ini aniqlashtirishi va agar u loyihadan chetga chiqsa, loyiha vakili bilan o'zgartirish to'g'risida kelishib olishi kerak. Loyiha tashkilotining vakili yoki buyurtmachi bilan o'zgartirish to'g'risida kelishib olish

[illegible]

Tartibi	Uskunalar va materiallarning nomi va texnik xususiyatlari. Ishlab chiqaruvchi (import qilingan uskunalar uchun-mamlakat, kompaniya).	Uskunaning turi, markasi. Hujjatning nomi va so'rovnoma raqami.	Uskuna kodi	Ishlab chiqaruvchi kodi	O'lchov birligi	Miqdori	Og'irligi birligi. (kg)	Eslatma
1	2	3	4	5	6	7	8	9
	Buyurtmachi tomonidan taqdim etilgan materiallar va jihozlar							
	BURG'ULASH QUDUG'I							
1	Qobiq quvuri Ø219x 8,0 mm	GOST 10705			m	40,5		
2	Qobiq quvuri Ø127 x 5,0 mm	GOST 10705			m	150		
3	Teshilgan filtrlar Ø127 x 5,0 mm, o'tkazuvchanligiligi kamida 20,15%	GOST 10705			m	20		
	GIDROMEXANIK USKUNALAR							
4	Qudug nasosi 200QJ25-70, oqimi 25m3/soat, elektr motorining quvvati 9,2 kVt, bosim 70m	200QJ25-70			komp	1		
5	Suv ko'taruvchi quvur Ø76x3,5 mm (DN65)	GOST 10705			m	30,5		
6	Tayanch plitasi va chig'anoq (o'lchami 556 x 556 x 18mm)				kg	51,2		
	Kabel va simli mahsulotlar							
7	Kabel VPP-10				m	150		
	Materiallar							
8	Qo'lda boshqariladigan d=100 mm ru-6,3 atm markali epoksid kukunli kompozitsion bilan qoplangan,ko'tarilmaydigan shpindelli gardishli quyma zadviyka.	30ch6br			dona	1		
9	6 qirrali bolt va gaykalar				dona	64		
10	Flanetslar Ø100mm				dona	16		

Eslatma:

Ushbu hududning geologik, gidrogeologik va gidrokimyoviy sharoitlarining ayrim murakkabligini hisobga olgan holda, karotaj diagrammasini sharhlashda, quduqni korpus quvurlari bilan jihozlashda, sementlash, yuvish, haydash va chiqarishda Farg'ona GGS gidrogeologlarini shartnoma asosida jalb qilish tavsiya etiladi.

							AC
					Surxondaryo viloyati Jarqo'rg'on tumani Ismoiltepa MFY hududida ichimlik suv qudug'i qazish		
Rev.Number	Sheet	Doc.No.	Signatur	Date.			
Руководитель группы/ГИИ/ Team Leader/Chief Project Engineer	Tamer TUNCER				Смодия/Stage	Лист/Sheet.	Листов/Sheets.
Инженер-гидротехник/ Hydraulic Engineer	Dr.Enis TOKAT				Tik qudug' qurilishi		
Спец. по водоснабжению/ Lead Water Supply Specialist	Ahmet UYANIK				РП/WP	5	5
Гл. инж. проекта/ ChiefProject Engineer	Мензлюев М.				Uskunaning spetsifikatsiyasi		
Инженер-гидротехник/ Hydraulic Engineer	Мухторов М.						
Исполнитель/ Executor	Мензлюев М.						
						ART ÇEVRE TEKNOLOJİLERİ İNŞ.MÜH.TUR.TİC.LTD.ŞTİ.	
						KOMMUNAL LITI	