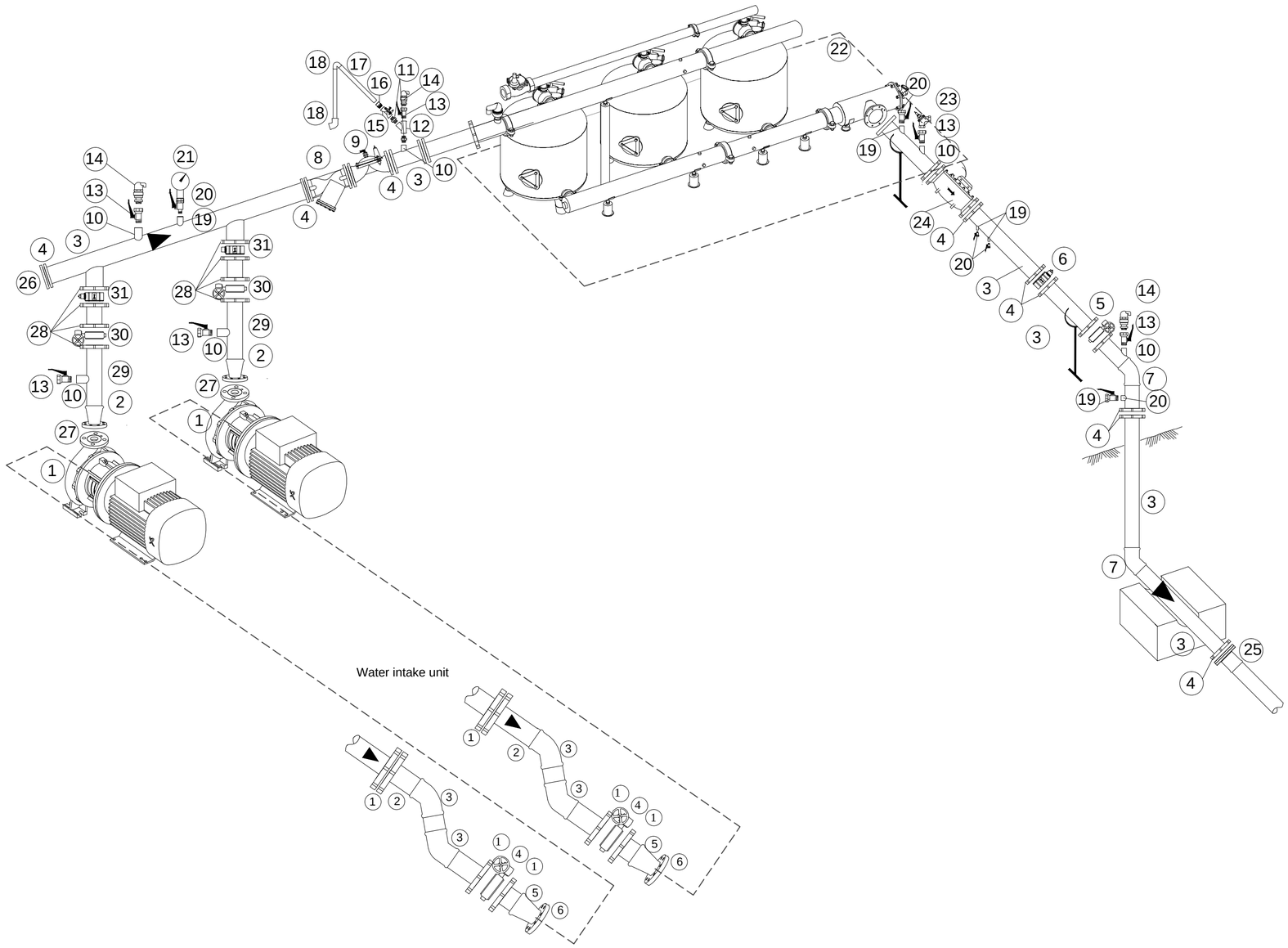
Specification of materials and equipment of the pump station for drip and sprinkler irrigation			
№	Name	Unit	Q-ty
A	1	2	3
1	Pump Q=2*60m3/h P=15 kWt H=50m n=2920-2940 rpm in a set with electric cabinet	Set	1
2	Conical adapter for electro-welding 4”x2”	Piece	2
3	Steel pipe for electro-welding 8”	meter	16
4	Steel flange for electro-welding 8”PN10	Piece	17
5	Shut-off valve 8”	Piece	1
6	Return valve 8”	Piece	1
7	Steel pipe bend for electric welding 90ox8”	Piece	4
8	Disc filter in steel structure 8”	Piece	1
9	Pressure reducing valve 8” with pressure regulator	Piece	1
10	Steel electric coupling with internal tread 2”	Piece	6
11	Galvanized nipple 2”	Piece	2
12	Galvanized tee-joint with internal tread 2”	Piece	1
13	Ball valve 2" FM	Piece	6
14	Air-drain valve 2"	Piece	3
15	Reducing valve 2” (plastic)	Piece	1
16	PVC coupling adapter with external thread 75x63x2”M	Piece	1
17	PVC pipe 10 ATM 63mm	meter	10
18	PVC pipe bend 90°x63mm (adhesive)	Piece	2
19	Steel electric coupling with internal tread 3/4”	Piece	5
20	Ball valve 3/4" FM	Piece	5
21	Manometer 10 Bar ¾”	Piece	1
22	Gravel filter system 3 pieces / 36” from the inlet 8” and outlet 8” and the flushing system	Set	1
23	Pressure adjusting dump valve 2”	Piece	1
24	Water meter 8” with flange connection	Piece	1
25	Steel flange with pressing sleeves 6”x180mm	Piece	1
26	Steel flange stub 8” PN16	Piece	1
27	Steel flange for electro-welding 2” PN16	Piece	2
28	Steel flange for electro-welding 4” PN10	Piece	8
29	Steel pipe for electro-welding 4”	Piece	2
30	Shut-off valve 4”	Piece	2
31	Return valve 4”	Piece	2
32	Gasket for flanges 2”	Piece	2
33	Gasket for flanges 4”	Piece	8
34	Gasket for flanges 8”	Piece	15
35	Washer gasket 5/8”	Piece	150
36	Nut 5/8”	Piece	150
37	Bolt 5/8” x 80mm	Piece	100
38	Bolt 5/8” x 180mm	Piece	50
	Water intake unit		
1	Steel flange for electro-welding 5” PN10	Piece	8
2	Steel pipe for electro-welding 5”	meter	6
3	Steel pipe bend for electro-welding 45°x5”	meter	4
4	Shut-off valve 5”	Piece	2
5	Conical adapter for electro-welding 5”x2 1/2”	Piece	2
6	Steel flange for electro-welding 2 1/2” PN16	Piece	2
7	Gasket for flanges 5”	Piece	6
8	Gasket for flanges 2 1/2”	Piece	2
9	Washer gasket 5/8”	Piece	46
10	Nut 5/8”	Piece	46
11	Bolt 5/8” x 80mm	Piece	30
12	Bolt 5/8” x 180mm	Piece	16



Согласовано

Взам. инв. №

Подп. и дата

Инв.№ подл.

Изм.	Кол.уч.	Лист	№ док.	Подпись	Дата
Исполнитель		Осина Я.О.			

ИР

"Система капельного и дождевого орошения в д/о Шоргала Гектепинского этрапа Ахалского велаята"

Система ирригации

Стадия	Лист	Листов
РП	1 0	

Изометрическая схема насосной станции капельного и спринклерного орошения

Индивидуальное предприятие "Гюнешли мейдан"

Формат А2