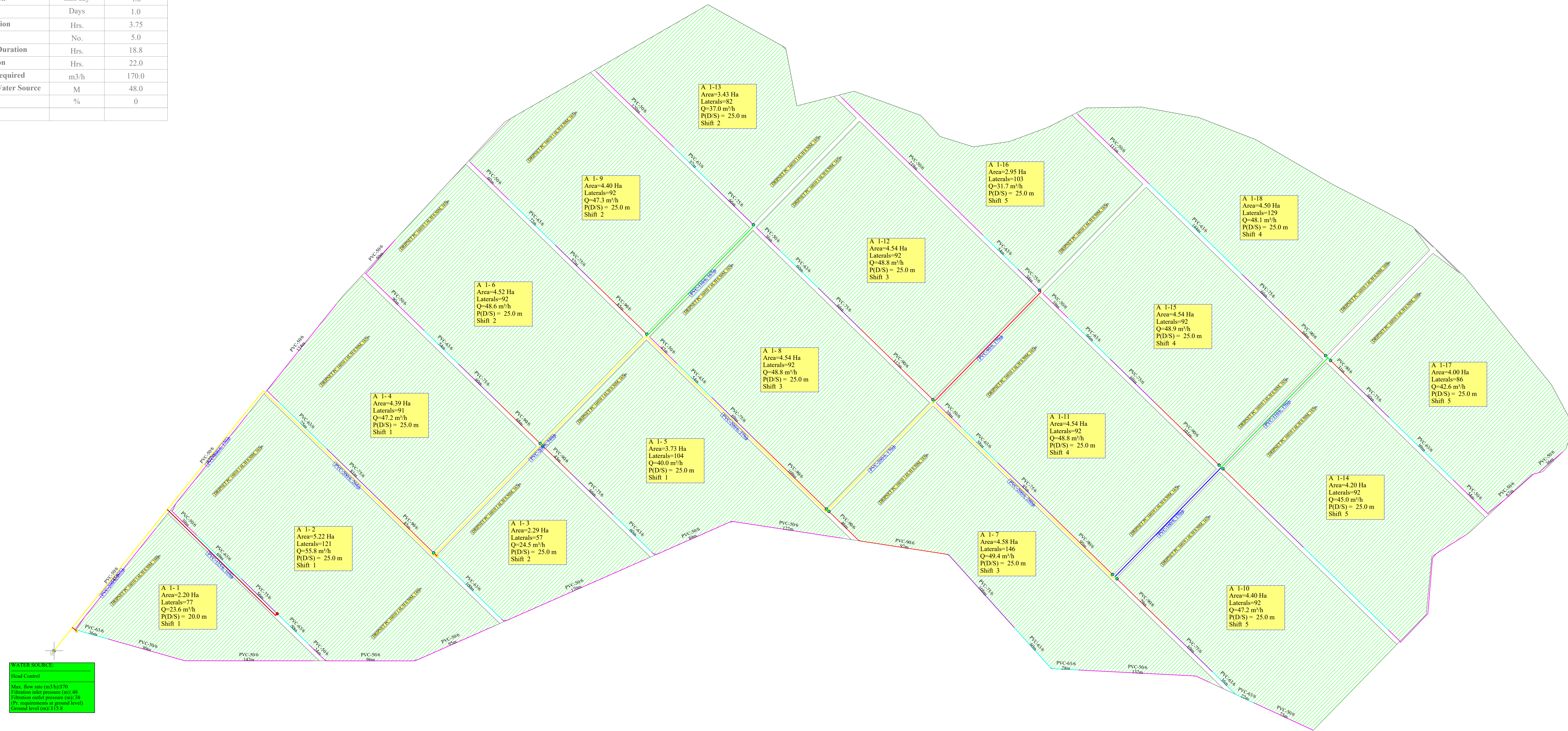
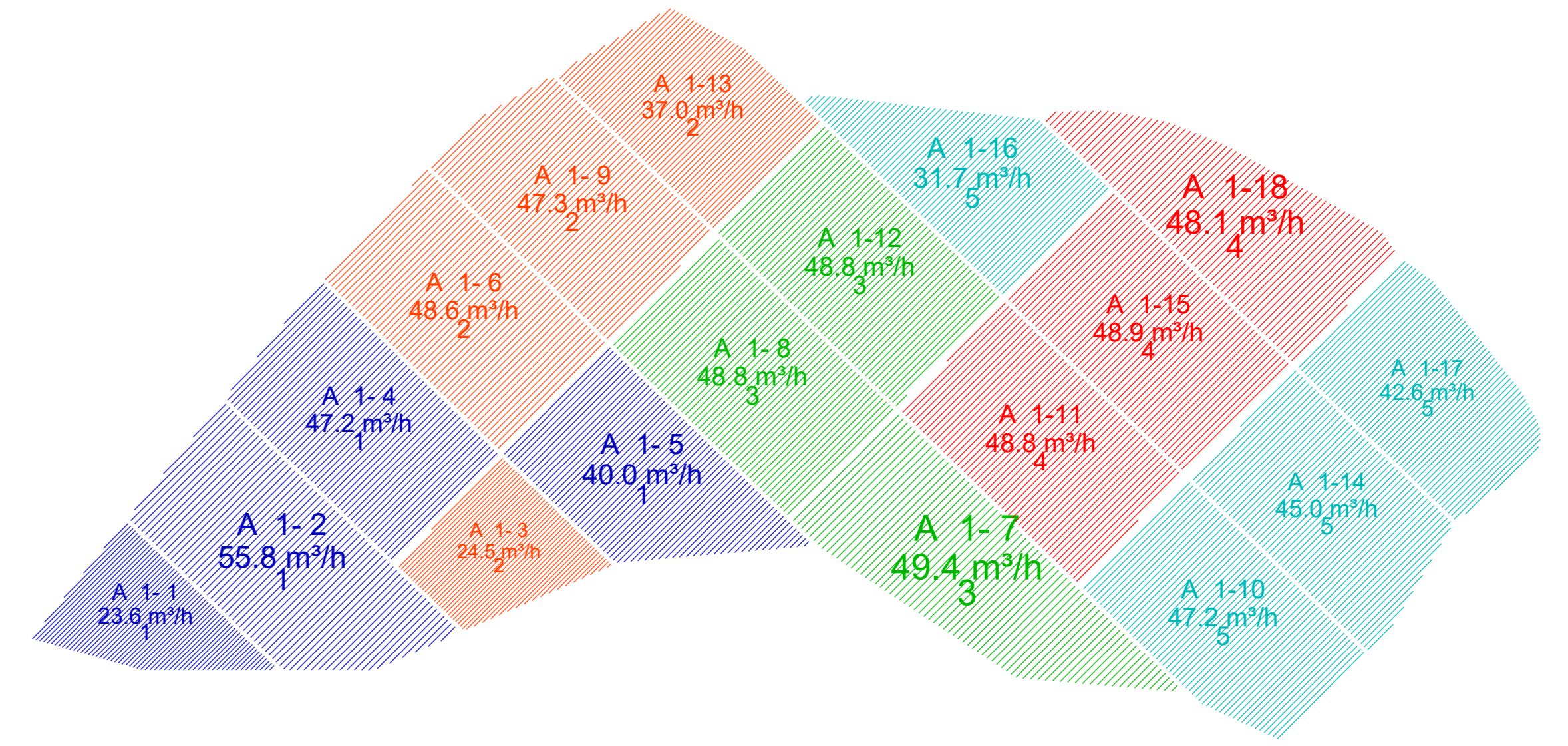


Project No.:	AZSR031	
Irrigation Data - Natural Soil		
Description	Units	Details
Crop		Grape
Irrigation Area (Net)	Ha.	75.0
Rows/Beds Spacing	Mtr.	3.0
Plants Spacing	Mtr.	1.20
Irrigation System		Drip System
Emitter Type		DripnetPC 16010
Emitter - Min. Allowed Pressure	Mtr.	7.0
Emitter Discharge	L/H	1.6
Emitter Spacing	Mtr.	0.50
No. of Laterals per Row/Bed		1.0
Application Rate	mm/h	1.07
Max. Daily Consumption	mm/day	4.0
Irrigation Cycle	Days	1.0
Duration of one Operation	Hrs.	3.75
Number of Operations	No.	5.0
Max. Daily Operation Duration	Hrs.	18.8
Available Daily Duration	Hrs.	22.0
Maximum Discharge Required	m ³ /h	170.0
Required Pressure at Water Source	M	48.0
Max. Flow Variation	%	0



WATER SOURCE
 Head Control
 Max. flow rate (m³/h) 170
 Filtration inlet pressure (m) 48
 Filtration outlet pressure (m) 38
 (P_r requirements at ground level)
 Ground level (m) 115.2

- DRIPNET PC 16010 1.6L/H 0.50M
- Wavin PVC PIPE 50/6 Glue
- Wavin PVC PIPE 63/6 Glue
- Wavin PVC PIPE 75/6 Glue
- Wavin PVC PIPE 90/6 Glue
- Wavin PVC PIPE 110/6 Glue
- Wavin PVC PIPE 125/6 W/SEAL
- Wavin PVC PIPE 140/6 W/SEAL
- Wavin PVC PIPE 160/6 W/SEAL
- Wavin PVC PIPE 200/6 W/SEAL

- CV-DOR-H-BS-2"X1-1W-I63-O63-V0-206-1
- CV-DOR-A-BS-3"X1-1W-I75-O75-V0-300-1
- CV-DOR-A-BS-3"X1-1W-I90-O90-V0-308-1
- CV-DOR-H-GL-110X1-1W-I110-O110-V0-400-1
- HEAD CONTROL 8"
- ⊕ Water Supply

SmartAgro

Designer:
 Date: 17-Sep-19
 Scale: 1 : 7000
 File: AZSR031-V1~~Backup