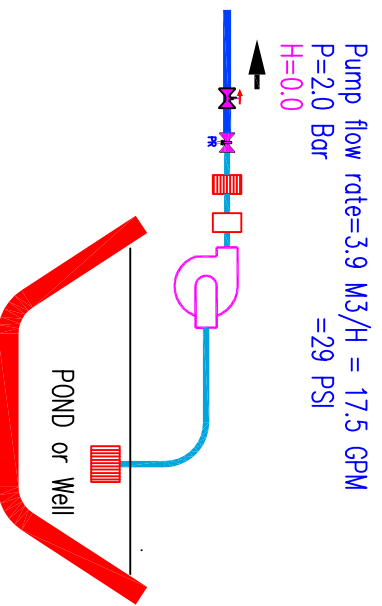
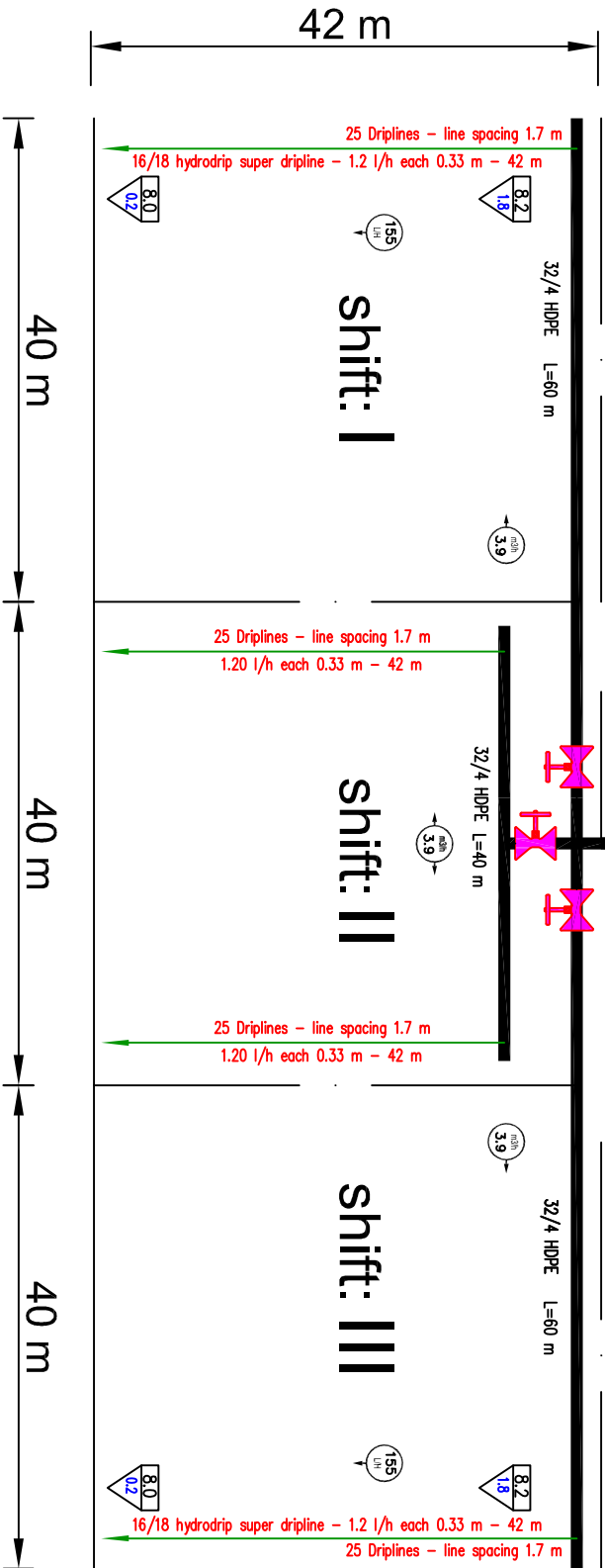


Drip irrigation complete kit, ready to install - DIY

Covers 0.5 Hectare of field crops ~ 1.25 Acres



PUMP calculations	
Needed pressure lot entrance	10.0 m
Local head losses	2.5 m
Filtration unit	5.0 m
Optional fertigation	2.5 m
Topography	?
Needed pressure at pump outlet	20 m = 2.0 Bar

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Kit coverage:	
Crop: Vegetables, Flowers and other field crops	
Total Dripline length	3000 m
Covered Area	0.5 Ha. = 5000 M ² = 1.25 Acres
Distance between rows	1.0 to 1.7 m

Program:	
1.2 l/h dripper each 0.33 m	
Distance between driplines 1.0 to 1.7 m	
Dripping rate 3.6 to 2.1 mm/h	
Irrigation Shifts: 3 (One valve in each shift)	
Irrigation time per shift: 1.5 to 2.5 Hours per day	
Flowrate per Shift: 3.9 M ³ /H	
Filtration: 120 mesh 1" Super screen filter	
Needed pressure at the lot entrance: 1.0 Bar (10 m)	
Needed pressure at the end of pump 2.0 Bar (20 m)	