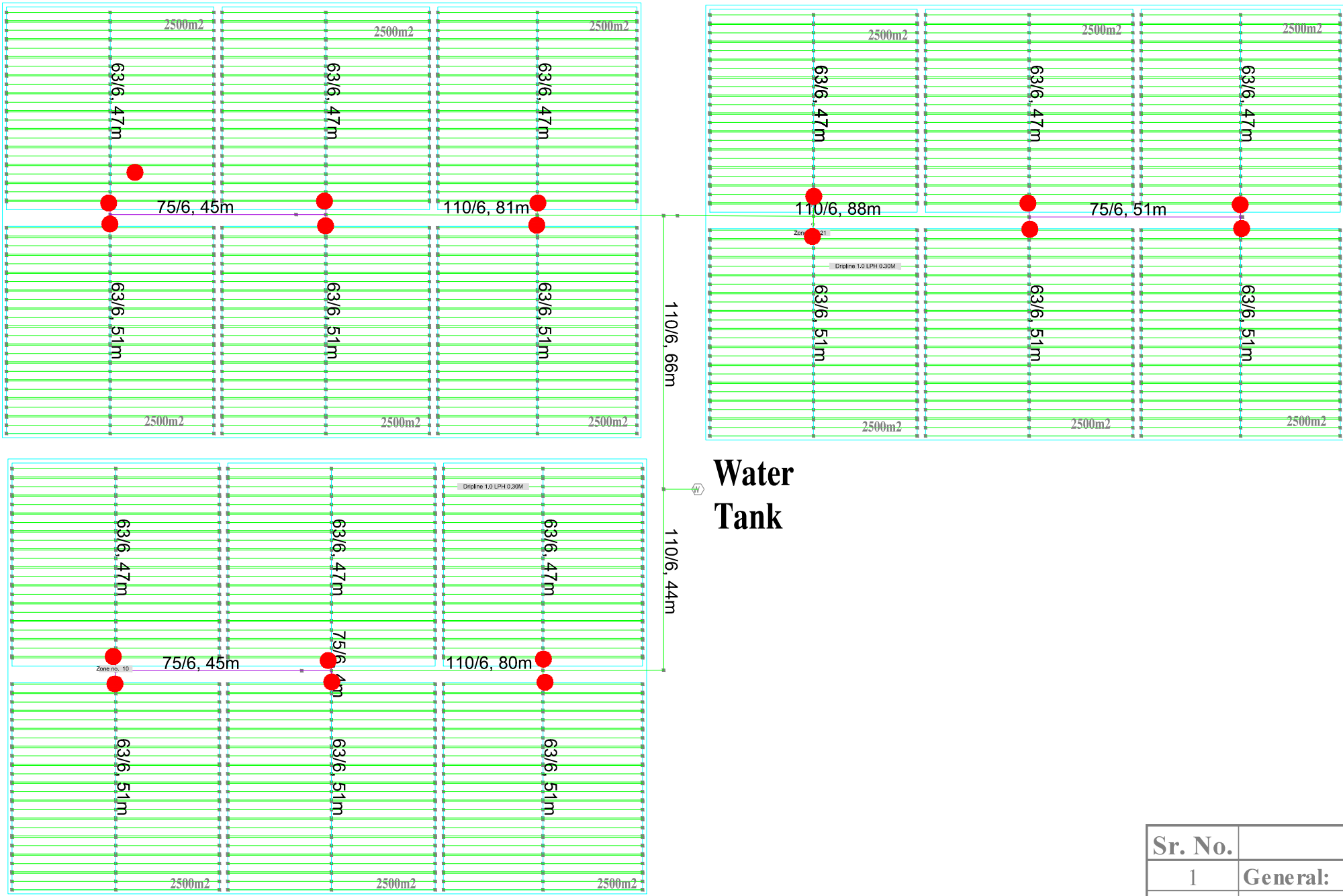
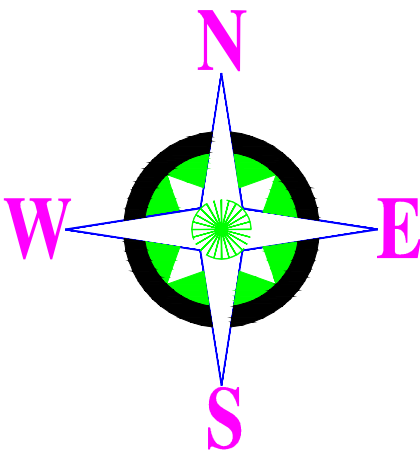


Field Dimension

18 blocks of 0.25Ha each
Length -50m
Wide - 50m
There is 25 beds and 75 drip line, (3 line of drip per bed)
25 triple line of vegetables.
Total 3,750 meters of drip line per block.



Sr. No.	Design Notes	
1	General:	The 4.5ha mixed veggies divided into 0.25ha blocks.
2	Drip Laterals:	Dripnet 1.0lph@0.30 m. 0.5m WT
3	Submain:	63, mm subsurface PVC pipe class 6
4	Main-Line:	110, 75 mm subsurface PVC pipe class 6
5	Primary Filtration:	Disc filters at outlet to water tank.
6	Fertilization:	Manual venturi system
7	System Requirements:	
	Q (m3/hr):	40
	P (Mtr.) Above ground level:	10m

DRIPLINE 1LPH,0.3M PIPE PVC 63 GLUED 6 PIPE PVC 75 GLUED 6 PIPE PVC 110 GLUED 6	PPBALL VALVE 2" Water Supply	4.5ha Drip irrigation system	Designer:Parick M
		SCRALA PROJECT Ministry of Agriculture Luangwa District	Date: 24/11/2021
			Scale: 1 : 2250
			File: 5ha scrala