



- ① VALVE BOX WITH COVER 12" SIZE
- ② DIG ONE STATION LCD BATTERY OPERATED CONTROLLER WITH GLOBE VALVE, 1" DIG MODEL 510-100
- ③ 1" 155 MESH SCREEN FILTER WITH FLUSH VALVE DIG MODEL P68-155 PLASTIC DIG MODEL P69-155 STAINLESS STEEL
- ④ 3/4" ADJUSTABLE PRESSURE REGULATOR 12-35 PSI DIG MODEL 18-008
- ⑤ FINISH GRADE TOP
- ⑥ SWIVEL FITTING DIG MODEL 23-004 1" F X 3/4" M
- ⑦ PVC SCH 40 MALE ADAPTER
- ⑧ PVC LATERAL LINE
- ⑨ BRICK SUPPORT AT EACH CORNER
- ⑩ PEA GRAVEL SUMP MINIMUM 3"
- ⑪ SWIVEL FITTING DIG MODEL 23-003 1" F X 1" M
- ⑫ PVC SCH 40 90 DEGREE ELL
- ⑬ SCH 40 TEE

HEAD LOSS								
FLOW RATE(GPH)	5	9	13	18	22	26	31	36
VALVE HEAD LOSS	3	3	4	4.5	5	5.5	7	8.5
FILTER HEAD LOSS	0.2	1.8	2.0	4.3	7.2	7.8	12.0	
REGULATOR HEAD LOSS	2	5	7	8	9.5	13	16	

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510 -100 1" CONTROLLER ASSEMBLY FOR DRIP SYSTEM  
WITH CONTROLLER MOUNTED ON THE VALVE