IRRIGATION CONTROLLER (TIMER) MAY BE INSTALLED ANYWHERE DESIRED. RECOMMEND INSTALLING IN A CONVENIENT LOCATION LIKE GARAGE, LAUNDRY ROOM, OR OTHER LOCATION EASILY ACCESSED FROM HOUSE. SEE THE CONTROLLER WIRING DETAIL AT IrrigationTutorials.com.

WATER SOURCE (MAY BE BELOW GROUND)

BRASS BALL VALVE (RECOMMENDED)
GATE VALVE MAY BE USED BUT THEY OFTEN LEAK

FILTER RATED FOR 2X WATER PRESSURE
A HIGH QUALITY FILTER IS RECOMMENDED

WATERPROOFED WIRE SPLICES

PRESSURE REGULATOR
END OF TUBE CRIMPED OVER AND TIED

EMITTER
DRIP TUBE
RIGID PIPE, SCH 40 PVC (OK), SCH 80 PVC (INDUSTRY STANDARD), BRASS, OR COPPER (BEST, BUT $$$) DO NOT USE STEEL PIPE

DIRECT BURIAL IRRIGATION WIRE (TYPE AWG-UF)
SUGGEST CONDUIT FOR WIRE THAT IS NOT BURIED

MAINLINE: SCH 40 PVC OR PEX (BEST)
HIGH PRESSURE POLY OK IF LOW WATER PRESSURE

ANTI-SIPHON SOLENOID VALVES
SEE ANTI-SIPHON VALVE DETAIL AT IrrigationTutorials.com
ADDITIONAL VALVES CAN BE ADDED ON MAINLINE IF DESIRED.

PRESSURE REGULATOR
PVC OR POLY PIPE
EMITTER
DRIP TUBE
Hose Swivel Adapter
LATERAL PIPE: PVC OR POLY PIPE
ANY DEPTH

18 INCHES DEEP

GROUND LEVEL

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DRIP SYSTEM WITH ANTI-SIPHON VALVES
Not to Scale
SAMPLE PLAN ONLY - NOT FOR CONSTRUCTION