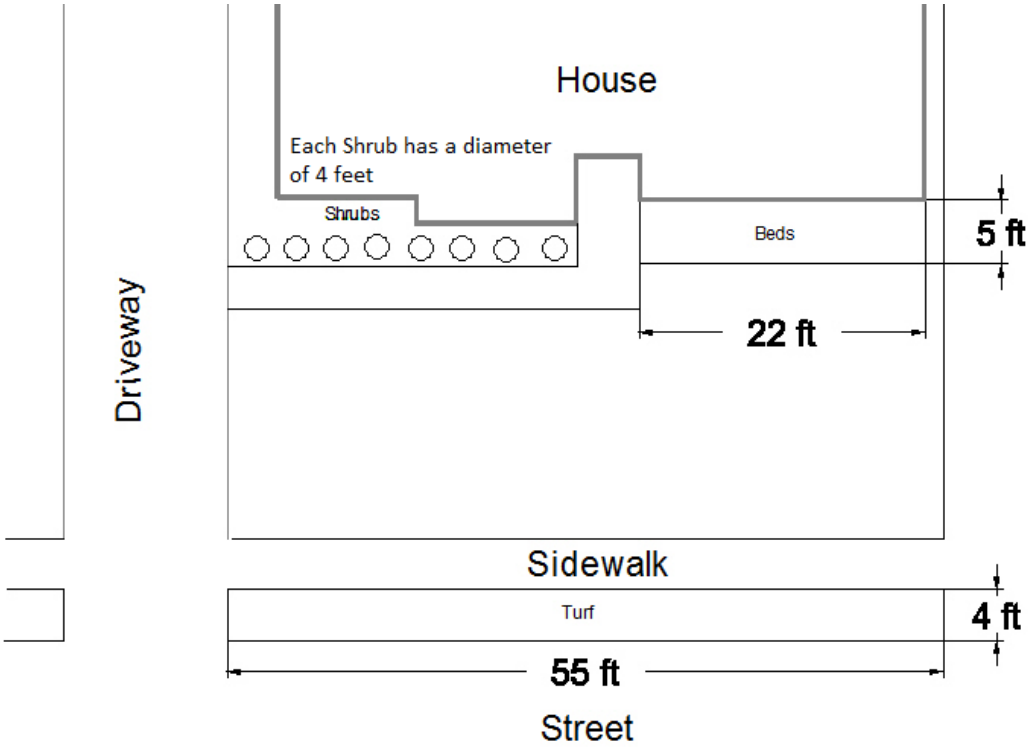
Drip Design Worksheet

Use the Following Design for the Questions below.



Complete the 6 Steps of a Drip Design for the Turf, Beds and Shrubs.

TURF (Between Sidewalk and Street)
What is the typical peak water requirement for the turf (warm season turf)?

Using the NETAFIM Techline Drip Tubing Charts (in-line emitter). 12 Inch emitter with square-like spacing, 0.4 GPH Dripper, design a drip layout for the turf area.
*Assume a drip tube-looped layout with PVC manifold system.
How many drip line runs are installed? What is the total length of product required?

What is the Total Flow of the Station?

What is the estimated Precipitation Rate of the Station?

What is the recommended Operating Pressure of the Station? What size filter should be used?

SHRUBS
What is the typical peak water requirement for the shrubs (small shrubs-occasional watering)?

Using the Toro NGE Drip Emitters (on-line/point source emitter). Assume two 1.0 GPH Dripper sper plant
How many emitters are required for this Station?

What is the Total Flow of the Station? In GPH? In GPM?

What is the estimated Precipitation Rate of the Station?

What is the recommended Operating Pressure of the Station? What size filter should be used?