Example for Irrigation System	Canopy Size	Gallons to wet root zone	Hours to water	Water rate (gal/hr)	Number of Emitters		
					.5 gal/hr	1 gal/hr	2 gal/hr
Trees	4'	16	8	2	2	1	
	8'	36	8	4.5		**1**	2
Shrubs	3'	8	4	2		2	
	6'	20	4	5		1	2
Groundcover	3'	3.5	4	0.875		1	
Potted plants	3'	8	4	2	use a bubbler or spider, hand water supplement		
Citrus	4'	16	8	2	4		
					may use bubbler with trough/berm setup		

Setting up a four zone controller with three programs
Valve physical setup - zone 1 = front trees, zone 2 = back grass, zone 3 = front plants, zone 4 = back plants and trees, pots
(Better design: more and separate zones for front and back plant types (trees, shrubs, groundcover, citrus, cactus, pots)

remembering to hand water everything (although the backyard plants and trees get a little water too). For grass, the day of the week is selected so that the grass is dry for lawn services personnel. Cycle and soak. Set up to run before the drippers for trees/shrubs turn on.

2) Program B is shrubs. The microclimate around the shrubs changes seasonally, I've left the interval as weekly the same except for the winter, where it runs every 10 days. May tweak it later we'll see. Cycle and soak.

3) Program C is for the trees. It is once every two weeks in the Spring/Fall (days to water interval is 14, and tell the timer how many days to wait for the next interval when setting it up), once a week in the summer, and every 20 days in the winter. Set up the timer so that the trees (20 days) and shrubs (10 days) don't turn on, on the same day in the winter.
cycle and Soak
If I had a different timer with more flexibility for the citrus, I'd put them on a separate valve water circuit and zone, with a bubbler that floods the trough around the tree canopy, and lets the water soak in - this wets the feeder roots more effectively