

HYDROZONES

A hydrozone is a portion of the landscape area where plants with similar water needs are grouped. Hydrozone-based design encourages intelligent grouping of compatible plants; factoring water needs, soil characteristics and microclimate to provide an optimal setting for successful establishment and long-term vigor.

Hydrozones are fundamental to efficient irrigation design, both from a water use and hardware perspective. They also provide a means of quantifying estimated water use.

For the sample lot shown here, lot area is approximately 20,000 square feet. Total landscape area (including pool) is 6,900 square feet.

ZONE OR VALVE #	PLANT WATER USE	PLANT FACTOR	SUN EXPOSURE	IRRIGATION METHOD	AREA (sq ft)
1	L	0.2	H	D	1,200
2	L	0.3	H	D	1,200
3	H	0.8	H	S	900
4	L	0.2	L	D	900
5	L	0.2	M	B	900
6	M	0.4	M	R	600
7	H	0.8	M	S	600
Pool	M	0.5	H	O	600

