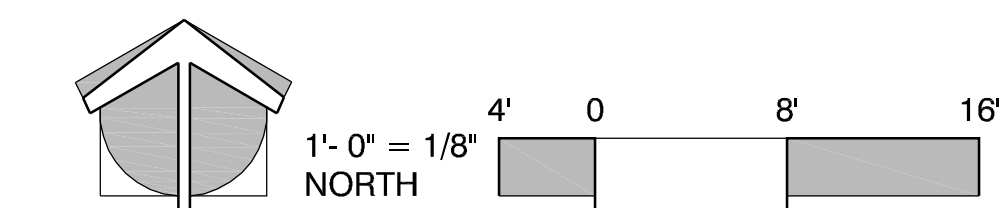
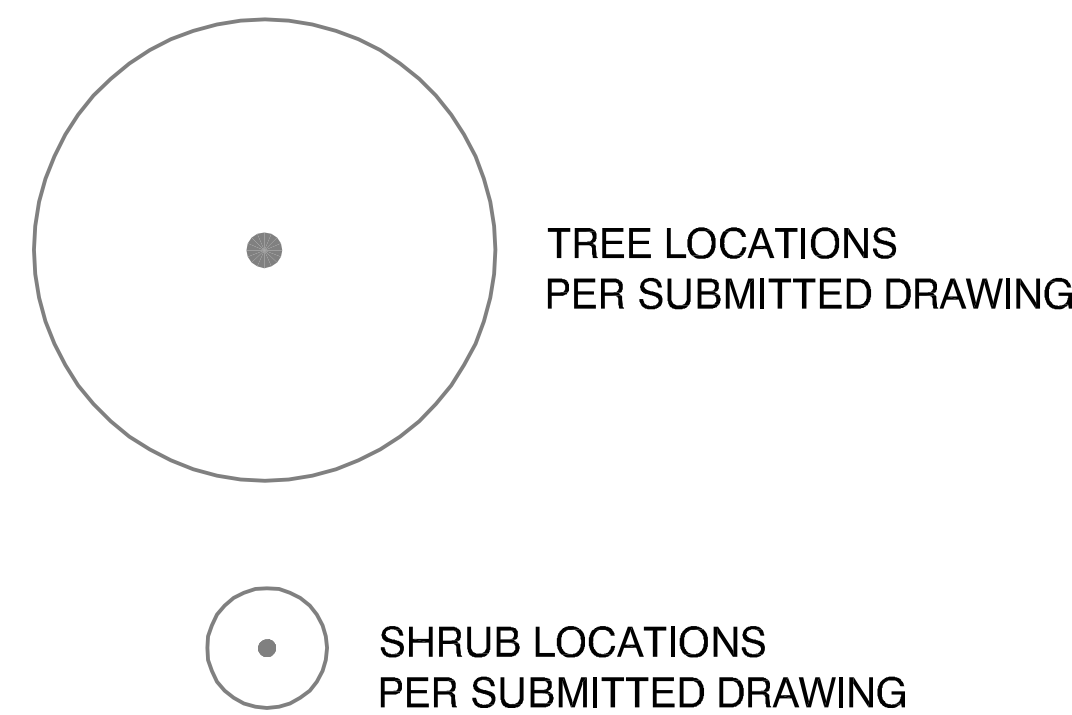


1 DRIP AND BUBBLER LAYOUT FRONTAGE STREET



LEGEND	
Symbol	Description
	BACKFLOW PREVENTER (as required by city)
	IRRIGATION CONTROL VALVE
	VALVE BOX
	DISTRIBUTION (1/4") TUBING WITH DRIPPER
	PRESSURE COMPENSATING BUBBLER
	MAINLINE 1" Schedule 40 PVC
	IRRIGATION CONTROL WIRE 24 volt multi-strand wire
	IRRIGATION CONTROLLER
	WATER MAIN Potable water supply line to house
	WATER METER
	VALVE/ ZONE 1 (Front Drip)
	VALVE/ZONE 2 (Back Drip)
	VALVE/ZONE 3 (Bubblers/Garden)



NOTES

VALVES, WIRE AND PIPE ARE INDICATED FOR GRAPHIC CLARITY, LOCATE AS APPROPRIATE.

DESIGNED PER CUSTOMER FLOW TEST OF 20 GPM.

ACCURACY OF THE DESIGN IS LIMITED TO THE ACCURACY OF THE SUBMITTED INFORMATION AND DRAWING.

MATERIAL LIST		
SYMBOL	QTY.	DESCRIPTION
	11	PVC pipe: Class 200 or Schedule 40 (10' length), 1"
	57	PVC pipe: Class 200 or Schedule 40 (10' length), 3/4"
	265	Polyline 1/2" (1')
	284	Distribution Tubing - (1/4" Polyline) (1')
	3	1/2" Compression "Tee"
	1	PVC to Poly Tubing adaptor
	71	Trees:(4) Ea. 2 GPH RAINBIRD XB-20PC (Red) Equally Spaced, (See Tree Planting Detail)
		Shrubs: (1) Ea. 2 GPH RAINBIRD XB-20PC (Red) (See Shrub Planting Detail)
	16	Pressure Compensating Bubbler - (two) @ each tree Rainbird 1402
	11	1" Coupling Slip x Slip PVC Fitting Schedule 40
	57	3/4" Coupling Slip x Slip PVC Fitting Schedule 40
	18	3/4" x 3/4" x 3/4" Tee Slip x Slip x Slip PVC Fittings Schedule 40
	21	3/4" x 3/4" x 1/2" Tee Slip x Slip x Slip PVC Fittings Schedule 40
	21	PVC Insert Adaptor
	9	3/4" x 3/4" 90 Elbow PVC Fitting Slip x Slip Schedule
	16	3/4" x 1/2" 90 Reducing Elbow PVC Fitting Slip x Fipt Schedule
	16	1/2" Flexible Riser
	1	Backflow Prevention Unit
	110	24 volt irrigation control wire (1')
	2	Valve Box(es) (sized to accomodate valves)
	1	Irrigation Controller/Timer
	1	Sch. 40 PVC sleeve (size as required-3" min.) (10')
Valve Manifold(s)		
	3	1" Automatic valve Rainbird 100-DVF or equal
	2	PVC pipe: Class 200 or Schedule 40 (10' length), 1"
	1	1" Tee Slip x Slip x Slip PVC Fittings Schedule 40
	14	1" 90 Elbow PVC Fitting Slip x Slip Schedule 40
	6	1" Male Adapter Mipt x Slip PVC Fitting Schedule 40
	1	WYE Filter
	1	Pressure Regulator



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DATE: JANUARY 1, 2009
REVISION: