

Zone 1-1 @ 10.4 (GPM)

Mainline Loss: 5.15 (psi)
 Valve Loss: 1.88 (psi)
 Lateral Loss: 0.29 (psi)
 Elevation: 0 (psi)
 Sprinkler Requirement: 35 (psi)

Total Design Pressure: 50.31 (psi)
 Residual Pressure: 1.69 (psi)

Zone 1-2 @ 10.4 (GPM)

Mainline Loss: 5.32 (psi)
 Valve Loss: 1.88 (psi)
 Lateral Loss: 0.32 (psi)
 Elevation: 0 (psi)
 Sprinkler Requirement: 35 (psi)

Total Design Pressure: 50.5 (psi)
 Residual Pressure: 1.5 (psi)

Zone 1-3 @ 7.8 (GPM)

Mainline Loss: 3.06 (psi)
 Valve Loss: 1.9 (psi)
 Lateral Loss: 0.81 (psi)
 Elevation: 0 (psi)
 Sprinkler Requirement: 30 (psi)

Total Design Pressure: 41.11 (psi)
 Residual Pressure: 10.89 (psi)

Zone 1-4 @ 9.24 (GPM)

Mainline Loss: 4.18 (psi)
 Valve Loss: 1.9 (psi)
 Lateral Loss: 0.63 (psi)
 Elevation: 0 (psi)
 Sprinkler Requirement: 30 (psi)

Total Design Pressure: 43.55 (psi)
 Residual Pressure: 8.45 (psi)

Zone 1-5 @ 4 (GPM)

Mainline Loss: 0.88 (psi)
 Valve Loss: 1.7 (psi)
 Lateral Loss: 0.11 (psi)
 Elevation: 0 (psi)
 Sprinkler Requirement: 30 (psi)

Total Design Pressure: 35.43 (psi)
 Residual Pressure: 16.57 (psi)

Irrigation Legend

Qty	Symbol	Description	Pressure	Flow	Radius
25	●	Hunter 2H - SRS-06	30	0.16	2
21	●	Hunter 4H - SRS-06	30	0.44	4
6	○	Hunter PGJ-1.5 - PGJ-04	30	1.3	21
4	○	Hunter PGP-2.0 - PGP-ADJ	35	1.7	33
4	○	Hunter PGP-4.0 - PGP-ADJ	35	3.5	39
1	⊗	Wilkins 720A - 1"			
5	⊗	Hunter PGV-101G-S			
1	▲	Hunter PC-600			
1	▶	Spears 1" Spears Utility SS BV			
1	▲	Hunter WIRELESS RAIN-CLIK			
1	⊗	5/8 inch meter			
28.94 (ft)	—	Lateral - Class 200 1"			
157.79 (ft)	—	Lateral - Class 200 3/4"			
264.01 (ft)	—	Lateral - Class 315 1/2"			
279.28 (ft)	—	Mainline - Class 200 1"			
56.77 (ft)	—	Mainline - Schedule 40 3/4"			

Water Meter Information

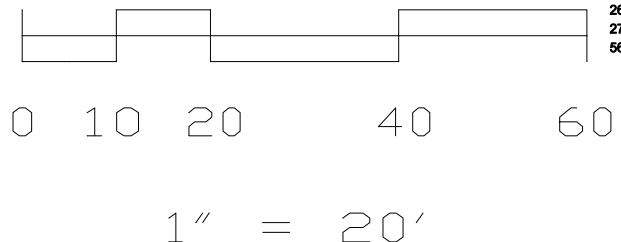
Meter Size: 5/8 inch meter
 Static Pressure: 52
 Change in Elevation: 0

Service Line Information

Pipe Category: Type K Copper
 Pipe Size: Type K Copper
 1"
 Length: 5
 Velocity: 4.9514

Recommendations

Maximum Recommended Flow: 12
 Available Working Pressure: 46.55



SHEET: 1 OF 1	SCALE: 1" / 20'	CHECKED BY: SS	DATE: 04-27-09	JOB #: 09-0015	PROJECT: FDR - Doctor Office 123 Any St Any Town USA 90210 (361) 555-1234	SHEET DESCRIPTION: IRRIGATION DESIGN	DESIGN BY: Coastal Sprinkler Irrigation Santos Salinas LI15463 220 Blanco Drive Portland TX 78374 (361) 548-4576