



Irrigation Legend

Qty	Symbol	Description	Pressure	Flow	Radius
1	●	Hunter 10A-180 - PROS-04	30	0.98	10
1	●	Hunter 15A-180 - PROS-04	30	1.86	15
5	●	Hunter 15A-90 - PROS-04	30	0.93	15
4	●	Hunter 15A-90 - SRS-04	30	0.93	15
4	●	Hunter 15A-90 - SRS-06	30	0.93	15
2	●	Hunter LCS-515 - SRS-06	30	0.65	15
2	●	Hunter RCS-515 - SRS-06	30	0.65	15
6	●	Hunter SS-530 - SRS-06	30	1.3	30
4	○	Hunter PGJ-2.0 - PGJ-04	30	1.7	24
4	○	Hunter PGP-02 - PGP-ADJ	30	0.7	29
1	⊗	Wilkins 720A - 1"			
7	⊗	Hunter PGV-100G			
1	△	Hunter PC-900			
1	⊗	Spears 1" Spears Utility SS BV			
1	△	Hunter MINI-CLIK			

3/4" Residential Water Meter

Water Meter Information

Meter Size:	3/4 inch meter
Static Pressure:	55
Change in Elevation:	0

Service Line Information

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

Recommendations

Maximum Recommended Flow:	12.12
Available Working Pressure:	48.98

Zone 1 @ 4.65 (GPM)	Zone 2 @ 3.9 (GPM)	Zone 3 @ 2.8 (GPM)	Zone 4 @ 6.13 (GPM)
Mainline Loss: 0.62 (psi)	Mainline Loss: 0.44 (psi)	Mainline Loss: 0.2 (psi)	Mainline Loss: 0.87 (psi)
Valve Loss: 1.83 (psi)	Valve Loss: 1.88 (psi)	Valve Loss: 1.48 (psi)	Valve Loss: 1.9 (psi)
Lateral Loss: 0.26 (psi)	Lateral Loss: 0.79 (psi)	Lateral Loss: 0.14 (psi)	Lateral Loss: 0.76 (psi)
Elevation: 0 (psi)	Elevation: 0 (psi)	Elevation: 0 (psi)	Elevation: 0 (psi)
Sprinkler Requirement: 30 (psi)	Sprinkler Requirement: 30 (psi)	Sprinkler Requirement: 30 (psi)	Sprinkler Requirement: 30 (psi)
Total Design Pressure: 33.14 (psi)	Total Design Pressure: 33.27 (psi)	Total Design Pressure: 32.25 (psi)	Total Design Pressure: 34.61 (psi)
Residual Pressure: 21.86 (psi)	Residual Pressure: 21.73 (psi)	Residual Pressure: 22.75 (psi)	Residual Pressure: 20.39 (psi)
Zone 5 @ 5.95 (GPM)	Zone 6 @ 3.77 (GPM)	Zone 7 @ 6.8 (GPM)	
Mainline Loss: 1.13 (psi)	Mainline Loss: 0.56 (psi)	Mainline Loss: 1.84 (psi)	
Valve Loss: 1.9 (psi)	Valve Loss: 1.65 (psi)	Valve Loss: 1.9 (psi)	
Lateral Loss: 0.42 (psi)	Lateral Loss: 0.4 (psi)	Lateral Loss: 0.41 (psi)	
Elevation: 0 (psi)	Elevation: 0 (psi)	Elevation: 0 (psi)	
Sprinkler Requirement: 30 (psi)	Sprinkler Requirement: 30 (psi)	Sprinkler Requirement: 30 (psi)	
Total Design Pressure: 34.74 (psi)	Total Design Pressure: 33.38 (psi)	Total Design Pressure: 35.7 (psi)	
Residual Pressure: 20.26 (psi)	Residual Pressure: 21.62 (psi)	Residual Pressure: 19.3 (psi)	

DESIGN BY:
Coastal Sprinkler Irrigation
Santos Salinas III 5463
220 Blanco Drive
Portland TX 78374
(361) 548-4576

SHEET DESCRIPTION:
IRRIGATION DESIGN

PROJECT:
Home Owner
1234 Any Street
Any Town USA 90210
(123) 867-5309

REVISIONS:

DATE: 09-06-09
JOB #: 09-0032
DRAWN BY: SS
CHECKED BY:

SCALE:
1" / 20'

SHEET:
1 OF 1

