

Associa Houston Community Mgt North Side

Heroes Lawn Care Southeast Houston
22057 County Rd 143
Alvin, TX 77511
(832) 536.8350



Living World Church

SHEET DESCRIPTION:
Kriby Blvd Project

PROJECT:
Associa Houston Community Management

REVISIONS:
None

DATE:
1/30/25

JOB NUMBER:
25217

DRAWN BY:
Mary Helen Threlkeld

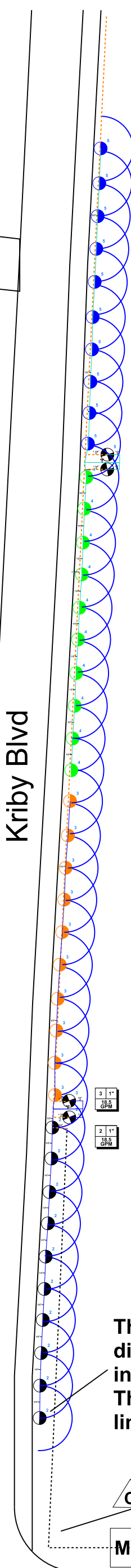
CHECKED BY:
Ramiro Rivera

SCALE:
1" = 50'

SHEET:
1 of 6

Memory Lane

Kriby Blvd



5 | 1"
28.5
GPM

4 | 1"
18.5
GPM

3 | 1"
13.5
GPM

2 | 1"
13.5
GPM

The existing mainline was used and diverted to a new mainline and tied into the Zone 2 valve (first new valve). The new mainline runs with the lateral line from here to the end.

Zone 1 is an existing zone in which no work was performed. It covers the garden bed on the northeast corner of Kirbywoods Dr. and Kirby Blvd.

MV V Zone 1 Valve

Kirbywoods Dr.



North side, page 2

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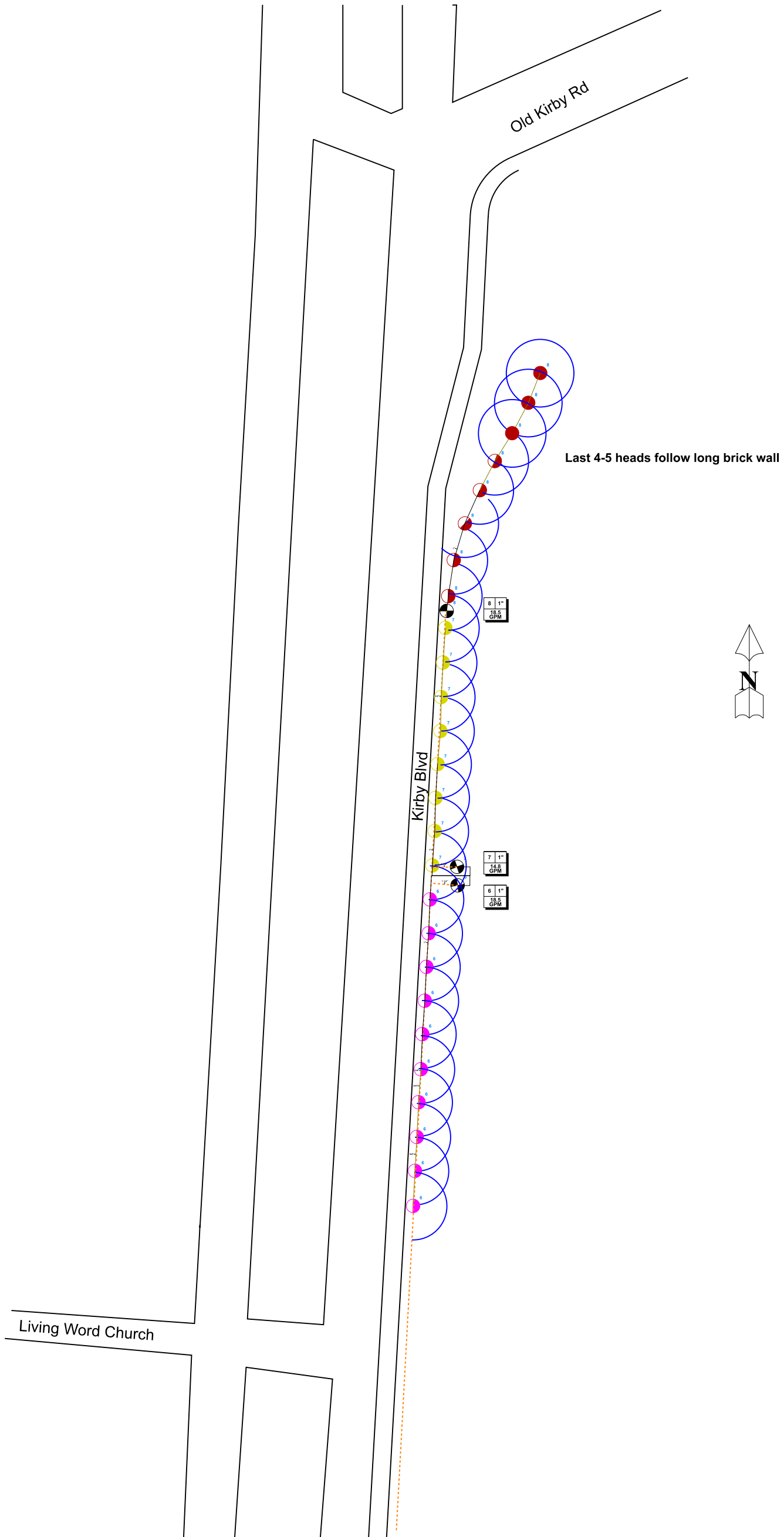
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SHEET:
2 of 6



North Side, page 3

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SHEET:
 3 of 6

Irrigation

Quantity	Symbol	Description	Part Number	Pressure	Flow	Radius
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Sprinklers

63	●	Rain Bird 15-VAN 180 - 1804	15-VAN	30 psi	1.85 gpm	15 ft
3	●	Rain Bird 15-VAN 360 - 1804	15-VAN	30 psi	3.7 gpm	15 ft

Control Valves

7	●	Hunter PGV-100G-S	PGV-100G-S			
1	∇	Existing valve, Zone 1				
1	MV	Hunter 1.5"				

Irrigation Accessories

1	△	Hunter X2-800	X2-800			
Lateral Line Pipe						
854 ft		Class 200 3/4"				
245 ft		Class 200 1"				
Mainline Pipe						
991 ft	-----	Schedule 40 1 1/4"				

Sprinkler Zone Data

Zone #	Total Area	Total Flow	Precip Rate
2	2314.74 Sq/Ft	18.5 gpm	0.77 in/hr
3	2362.43 Sq/Ft	18.5 gpm	0.75 in/hr
4	2348.2 Sq/Ft	18.5 gpm	0.76 in/hr
5	2357.42 Sq/Ft	18.5 gpm	0.76 in/hr
6	2361.53 Sq/Ft	18.5 gpm	0.75 in/hr
7	1909.85 Sq/Ft	14.8 gpm	0.75 in/hr
8	2685.16 Sq/Ft	20.35 gpm	0.73 in/hr



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Ramiro Rivera

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SHEET:
4 of 6

Zone 1 is part of the existing system and includes the median garden bed and 2 other heads on the south side of Kirbywoods Dr. A second valve was added on the south side and wired with the valve in the median garden bed at the controller. 5 more heads were added to Zone 1.

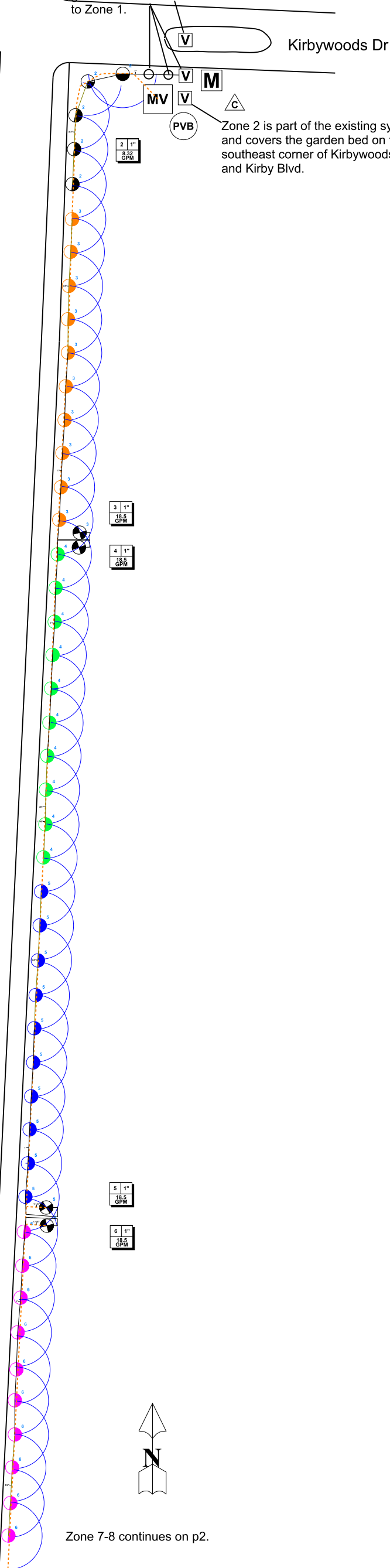
Kirbywoods Dr

Zone 2 is part of the existing system and covers the garden bed on the southeast corner of Kirbywoods Dr. and Kirby Blvd.

Kirby Oaks Dr N

Kirby Blvd

Kirby Oaks Dr S



Zone 7-8 continues on p2.



South Side, Page 2

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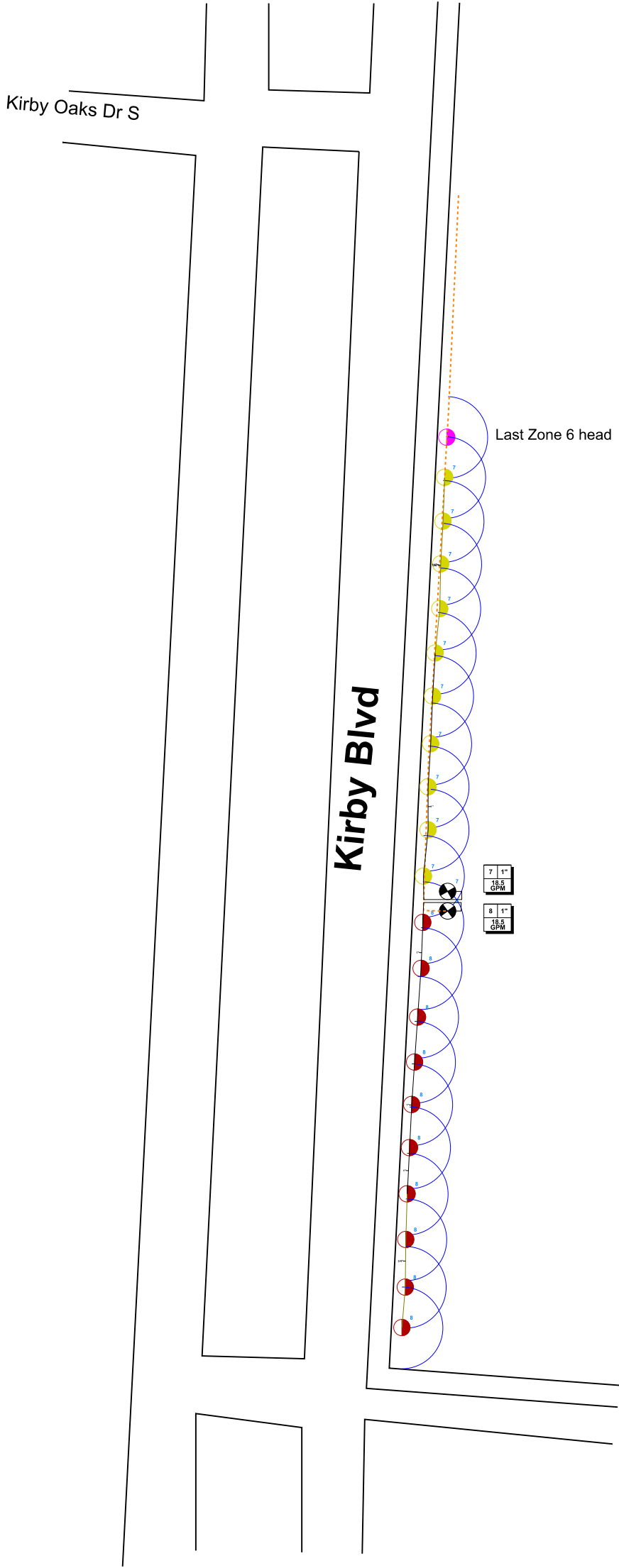
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5 of 6



South Side, page 3

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SHEET:
 6 of 6

Irrigation

Quantity	Symbol	Description	Part Number	Pressure	Flow	Radius
Sprinklers						
65	●	Rain Bird 15-VAN 180 - 1804	15-VAN	30 psi	1.85 gpm	15 ft
1	●	Rain Bird 15-VAN 90 - 1804	15-VAN	30 psi	0.92 gpm	15 ft

Meters/Pumps

1	M	Size Unknown	
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Backflow Assemblies

1	⊕	Febco 765 - 1"	765 - 1"
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Control Valves

7	⊕	Hunter PGV-100G-S	PGV-100G-S
2	V	Existing valves, Zone 1 (includes median) and Zone 2 (corner garden bed)	
1	MV	Hunter 1.5"	

Irrigation Accessories

1	△	Hunter X2-800	X2-800
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Lateral Line Pipe

371 ft	—	Class 200 3/4"	
733 ft	—	Class 200 1"	

Mainline Pipe

1027 ft	-----	Schedule 40 1 1/4"	
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Sprinkler Zone Data

Zone #	Total Area	Total Flow	Precip Rate
2	1142.68 Sq/Ft	8.32 gpm	0.7 in/hr
3	2298.08 Sq/Ft	18.5 gpm	0.78 in/hr
4	2309.74 Sq/Ft	18.5 gpm	0.77 in/hr
5	2314.55 Sq/Ft	18.5 gpm	0.77 in/hr
6	2319.24 Sq/Ft	18.5 gpm	0.77 in/hr
7	2469.38 Sq/Ft	18.5 gpm	0.72 in/hr
8	2518.08 Sq/Ft	18.5 gpm	0.71 in/hr

Zone 2 includes GPM for only added heads

