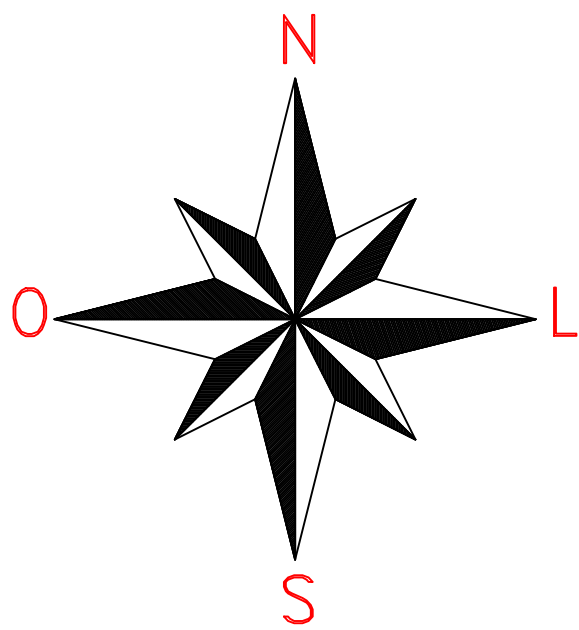




Irrigation

Quantity	Symbol	Description	Part Number	Pressure	Flow	Radius
Sprinklers						
4	●	K-Rain RPS75 3 - RPS75	3	3,45 bars	0,61 m³/h	12,19 m
26	●	K-Rain RPS75 4 - RPS75	4	3,45 bars	0,77 m³/h	12,8 m
35	●	K-Rain RPS75 6 - RPS75	6	3,45 bars	1,25 m³/h	14,02 m

Meters/Pumps

1	Ⓜ		
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Control Valves

4	⊗	Hunter PGV-201 Angle	PGV-201 Angle
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Lateral Line Pipe

483 m	—	PN18 32mm	
150 m	—	PN18 40mm	
230 m	—	PN18 50mm	
19 m	—	PN18 65mm	

Mainline Pipe

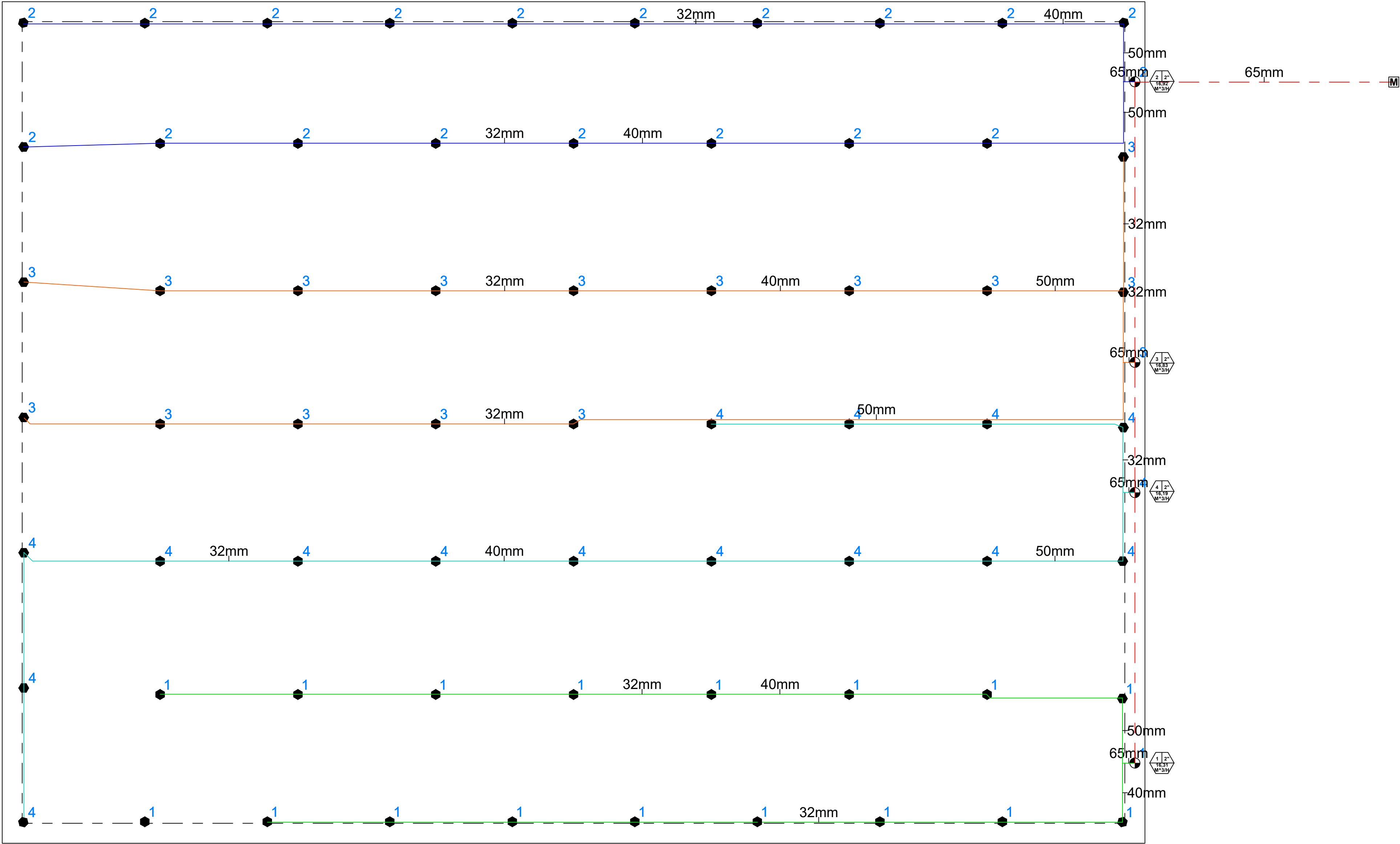
94 m	---	PN18 65mm	
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Zone 1 @ 16,308 m³/h

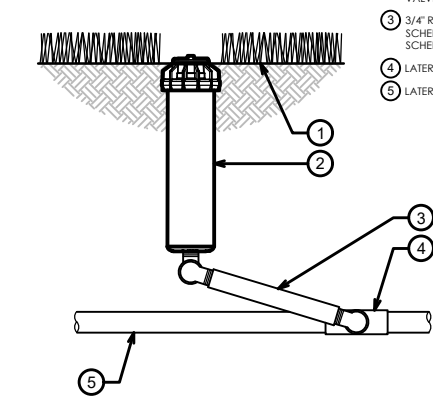
Mainline Loss	0,29 bars
Valve Loss	0,138 bars
Lateral Loss	0,286 bars
Fittings Loss	0,058 bars
Elevation Loss	0 bars
Sprinkler Requirement	3,447 bars
Total Design Pressure	4,222 bars
Residual Pressure	-4,222 bars

Sprinkler Zone Data

Zone #	Total Area	Total Flow	Precip Rate
1	2906,32 Sq/M	16,31 m³/h	5,61 mm/hr
2	2901,35 Sq/M	16,92 m³/h	5,84 mm/hr
3	3940,82 Sq/M	16,83 m³/h	4,27 mm/hr
4	3801,58 Sq/M	16,19 m³/h	4,26 mm/hr

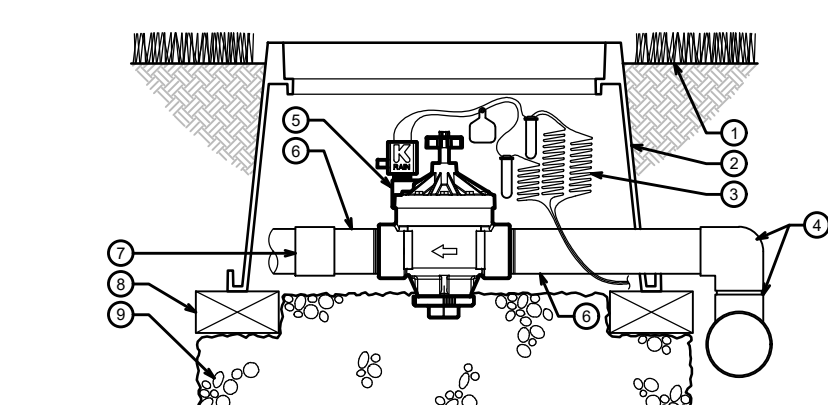


K MANUFACTURING



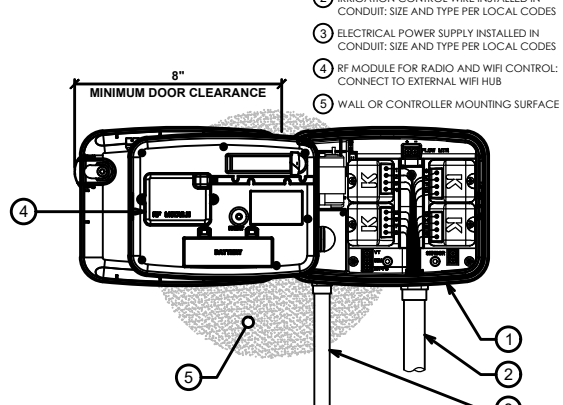
00 K-RAIN RPS75 ROTOR WITH 6" POP-UP

K MANUFACTURING



00 K-RAIN PROSERIES 150: 2" REMOTE CONTROL VALVE

K MANUFACTURING



00 K-RAIN PRO EX 2.0 WIFI WALL MOUNT CONTROLLER

Sistema de Irrigação para Campo de Futebol

Referência:	Propriedade:	Município:
Planta Hidráulica	Prefeitura	Buriti do Tocantins - To
Escala:	Proprietário:	Data:
S/E	Prefeitura Municipal de Buriti do Tocantins	MAIO/2024
Projetista:	Sistema:	Área Líquida:
Ricardo Leite	IRRIGAÇÃO PAISAGISTICA	9.576m²
Desenhista:	Culturas:	Emissor:
Ricardo	GRAMA	RPS 075
Revisão:	Espacamento Cultura:	Espacamento Emissor:
FL 001/2025	ÁREA TOTAL	12m x 12m

Autor do projeto

ANDRÉ GAIPO
Arquiteto Urbanista - CAU A33602-5