

SF-2104
02/2013

RUGBY FIELD
8005 SPRINKLER (40)

151 x 77 m
[144 + (2 x 3.5)] x [70 + (2 x 3.5 m)]

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Water supply : 22 m³/h @ 6.5 bar

LIST OF MATERIAL

	<u>Description</u>	<u>Quantity *</u>
8005-SS	Sprinkler 8005-SS stainless steel riser sleeve	40 u
Falcon PC-SS	-	u
Falcon FC-SS	-	u
950E	-	u
B99500	-	u
B81600-18	Nozzle for 8005 size 18, blue	24 u
B81600-14	Nozzle for 8005 size 14, light green	16 u
SJ-12-100-22	1" (26x34) Swing joint - length : 30 cm BSP/BSP	40 u
SJ-12-150-23	-	u
150-PGA	-	u
200-PGA	2" (50x60) electric valve globe/angle w/ manual isol. valve	8 u
300-BPE	-	u
VB-JMB-H	Rectangular valve box: L. 70.1, W. 53.3, H. 30.7 cm	8 u
VB-JMB-6EXT	Extension for Jumbo valve box, 17.1 cm	8 u
DBRY	30V Waterproof wire connectors	16 u
IESP4MEEU	ESP-ME 4-station controller	1 u
ESP-SM3	3-station extension module	2 u
ESP-LXMe	-	u
ESP-LX-M-SM8	-	u
RSD-BEx	Rain sensor	1 u
Ø40	-	m
Ø50	Ø50 HDPE pipes (10 bar) including fittings	155 m
Ø63	Ø63 HDPE pipes (10 bar) including fittings	155 m
Ø75	-	m
Ø90	Ø90 HDPE pipes (10 bar) including fittings	530 m
Ø110	-	m
DI 115	1x1.5 mm ² electric cable, double insulation	950 m
RB20-6	VFD/Soft Start Pump station (22 m ³ /h at 6,5 bar)	1 u

Valve number:	A1,A8	A2-A7
Precipitation rate in mm/h	22,8	11,4
Irrigation run time per valve for an amount of 5 mm	13	26

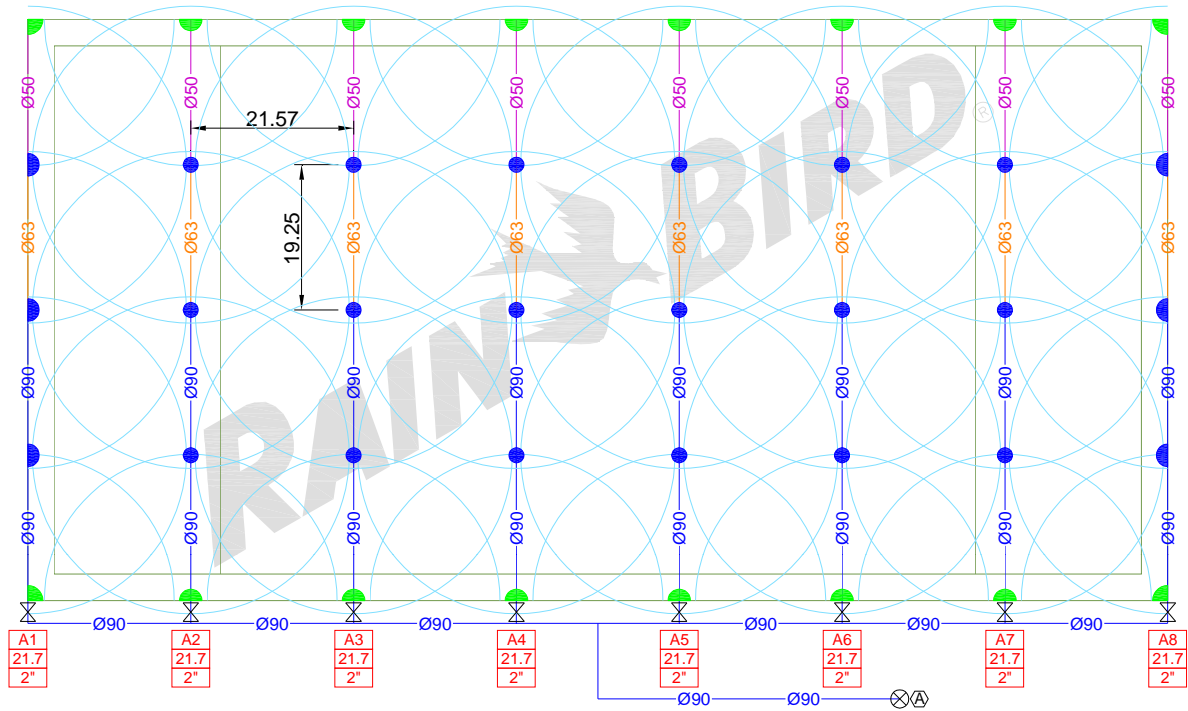
* ---- For a water supply and a controller located at 50 m from the field ----

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Legend and technical data

- Controller and point of connexion with isolation valve
- Electricvalve

Sprinkler:	8005-SS	8005-SS
Nozzle:	#18 ●	# 14 ●
Pressure in bar:	5,5	5,5
Radius in m:	21,0	19,2
Flow in m³/h:	4,74	3,72

Controller/Station/Flow/Size of the valve	A3
	20.5
	2"

Note :

HIGH DENSITY POLYETHYLENE PIPES: PE63 PN10 - ADDITIONAL LATERALS OUTSIDE PLAY FIELD AREA MAY BE INSTALLED PROVIDED HYDRAULIC CAPABILITY OF SUPPLY IS NOT EXCEEDED - SPRINKLER LOCATIONS ARE TO SCALE. PIPE LOCATIONS ARE DIAGRAMMATIC.

Rain Bird presents this plan as a typical sports field layout. Rain Bird offers no indemnity, expressed or implied, for projects installed from this plan. Since each site and system contains many variables, Rain Bird expressly recommends the use of a qualified irrigation designer.