

SF-5204  
02/2013

RIDING AREA  
FALCON-6504 SPRINKLER (8)

60 x 20 m

Low pressure, Low flow  
Water supply : 10 m<sup>3</sup>/h @ 4 bar

**LIST OF MATERIAL**

	<u>Description</u>	<u>Quantity *</u>
8005-SS	-	u
Falcon PC-SS	Part circle sprinkler 6504 stainless steel riser sleeve	8 u
Falcon FC-SS	-	u
950E	-	u
B99500	-	u
B81600-18	Nozzle for Falcon size 18, blue	8 u
B81600-14	-	u
SJ-12-100-22	-	u
SJ-12-150-23	-	u
100-PGA	1" (26x34) electric valve globe/angle w/ manual isol. valve	4 u
200-PGA	-	u
300-BPE	-	u
VB-JMB-H	Rectangular valve box: L. 70.1, W. 53.3, H. 30.7 cm	4 u
VB-JMB-6EXT	Extension for Jumbo valve box, 17.1 cm	4 u
DBRY	30V Waterproof wire connectors	10 u
IESP4MEEU	ESP-ME 4-station controller	1 u
ESP-SM3	-	u
ESP-LXMe	-	u
ESP-LX-M-SM8	-	u
RSD-BEx	-	u
Ø40	Ø40 HDPE pipes (10 bar) including fittings	80 m
Ø50	Ø50 HDPE pipes (10 bar) including fittings	110 m
Ø63	Ø63 HDPE pipes (10 bar) including fittings	50 m
Ø75	-	m
Ø90	-	m
Ø110	-	m
DI 115	1x1.5 mm <sup>2</sup> electric cable, double insulation	480 m
RB10-10	VFD/Soft Start Pump station (10 m <sup>3</sup> /h at 4 bar)	1 u

	90°	180°
Valve number:	A2, 4	A1, 3
Precipitation rate in mm/h	32,5	16,3
Irrigation run time per valve for an amount of 5 mm	9	18

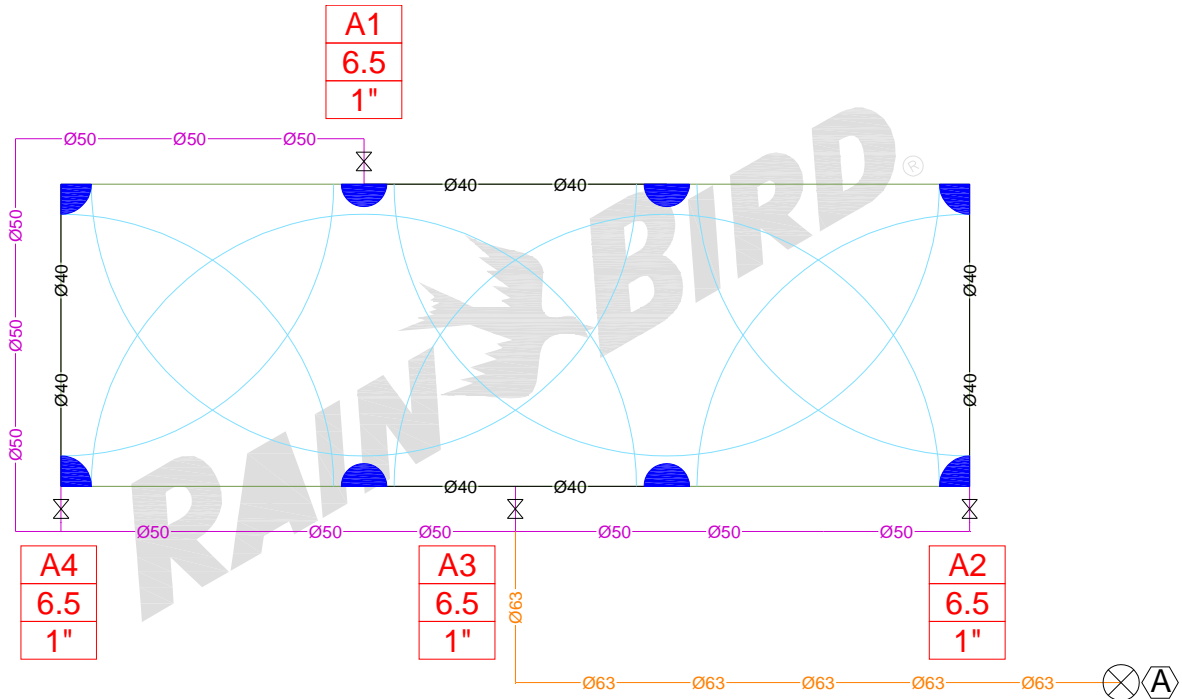
\* ---- For a water supply and a controller located at 50 m from the field ----

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**RIDING AREA**

**60 x 20 m**

**FALCON-6504 SPRINKLER (8)**



### Legend and technical data

- Controller and point of connexion with isolation valve
- Electric valve

Sprinkler:	6504 FC-SS
Nozzle:	#18 <span style="color: blue;">●</span>
Pressure in bar:	3,0
Radius in m:	18,0
Flow in m <sup>3</sup> /h:	3,25

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.