

SF-1501  
02/2013

FOOTBALL FIELD - ARTIFICIAL GRASS  
SR3003 (6)

105 x 70 m  
[ 100 + (2 x 2.5) ] x [ 65 + (2 x 2.5 m) ]

Slow return Rain Gun

Water supply : 51 m<sup>3</sup>/h @ 7 bar

### LIST OF MATERIAL

	Description	Quantity *
SR3003	SR3003 Rain Gun, 2" + 3" riser and concrete base	6 u
Falcon PC-SS	-	u
Falcon FC-SS	-	u
950E	-	u
B99500	-	u
B81600-24	-	u
B81600-12	-	u
SJ-12-100-22	-	u
SJ-12-150-23	-	u
150-PGA	-	u
200-PGA	-	u
300-BPE	3" (80x90) electric valve globe/angle w/ manual isol. valve	6 u
VB-JMB-H	Rectangular valve box: L. 70.1, W. 53.3, H. 30.7 cm	6 u
VB-JMB-6EXT	Extension for Jumbo valve box, 17.1 cm	6 u
DBRY	30V Waterproof wire connectors	12 u
IESP4MEEU	ESP-ME 4-station controller	1 u
ESP-SM3	3-station extension module	1 u
ESP-LXMe	-	u
ESP-LX-M-SM8	-	u
RSD-BEx	Rain sensor	1 u
Ø40	-	m
Ø50	-	m
Ø63	-	m
Ø75	-	m
Ø110	Ø110 HDPE pipes (10 bar) including fittings	370 m
Ø125	Ø125 HDPE pipes (10 bar) including fittings	50 m
DI 115	1x1.5 mm <sup>2</sup> electric cable, double insulation	1230 m
RB64-4	VFD/Soft Start Pump station (51 m <sup>3</sup> /h at 7 bar)	1 u

	180°	90°
Valve number:	A2 ; A5	A1, 3, 4, 6
Precipitation rate in mm/h	24,2	48,5
Irrigation run time per valve for an amount of 5 mm	12	6

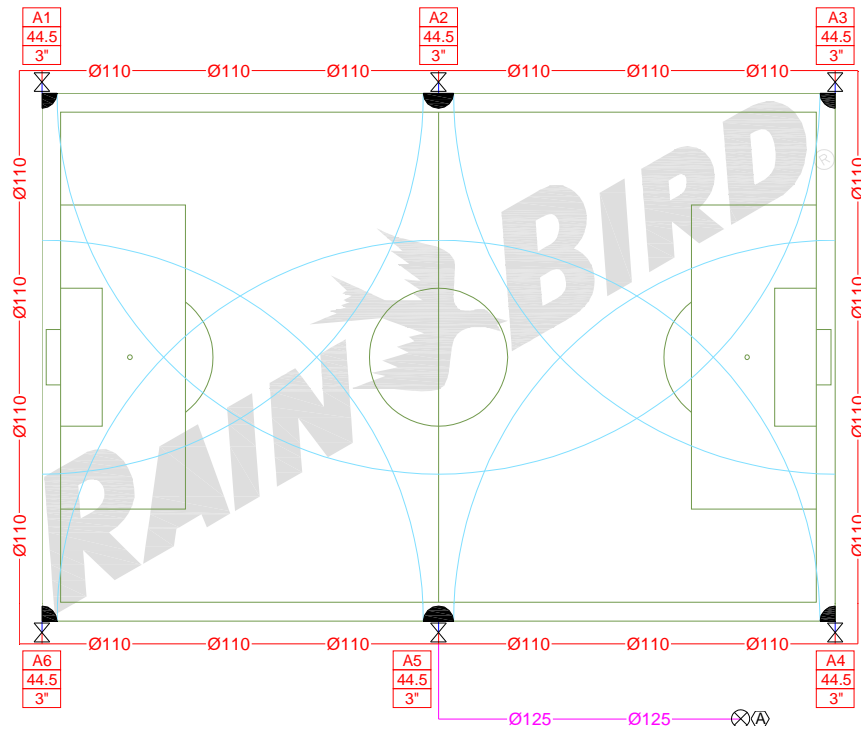
\* ---- For a water supply and a controller located at 50 m from the field ----

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## Legend and technical data

- A X Controller and point of connexion with isolation valve  
X Electricvalve

Sprinkler: SR3003

Nozzle: #22 ●

Pressure in bar: 6,0

Radius in m: 50,5

Flow in m<sup>3</sup>/h: 44,50

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.