

SF-1112  
02/2013




FOOTBALL FIELD  
8005 SPRINKLER (35)

120 x 80 m  
[ 105 + (2 x 7.5) ] x [ 68 + (2 x 6 m) ]

1 sprinkler per valve, up to 4 valves simultaneously  
Water supply : 19 m<sup>3</sup>/h @ 6 bar

#### LIST OF MATERIAL

	Description	Quantity *
8005-SS	Sprinkler 8005-SS stainless steel riser sleeve	35 u
Falcon PC-SS	-	u
Falcon FC-SS	-	u
950E	-	u
B99500	-	u
B81600-18	Nozzle for 8005 size 18, blue	35 u
B81600-14	-	u
SJ-12-100-22	1" (26x34) Swing joint - length : 30 cm BSP/BSP	35 u
SJ-12-150-23	-	u
100-PGA	1" (26x34) electric valve globe/angle w/ manual isol. valve	35 u
200-PGA	-	u
300-BPE	-	u
VB-STD-H	-	0 u
VB-STD-6EXT	-	0 u
DBRY	30V Waterproof wire connectors	140 u
IESP4MEEU	-	u
ESP-SM3	-	u
ESP-LXD	ESP-LXD decodeur controller	1 u
FD-101	Décodeur 1 station	35 u
RSD-BEx	Rain sensor	1 u
Ø40	-	m
Ø50	Ø50 HDPE pipes (10 bar) including fittings	1500 m
Ø63	-	m
Ø75	Ø75 HDPE pipes (10 bar) including fittings	120 m
Ø90	Ø90 HDPE pipes (10 bar) including fittings	50 m
Ø110	-	m
MW0501	2x1,5 mm <sup>2</sup> blue signal cable	200 m
RB15-7	VFD/Soft Start Pump station (19 m <sup>3</sup> /h at 6 bar)	1 u

			
Precipitation rate in mm/h	180° 21,1	90° 42,2	360° 10,6
Irrigation run time per valve for an amount of 5 mm	14	7	28

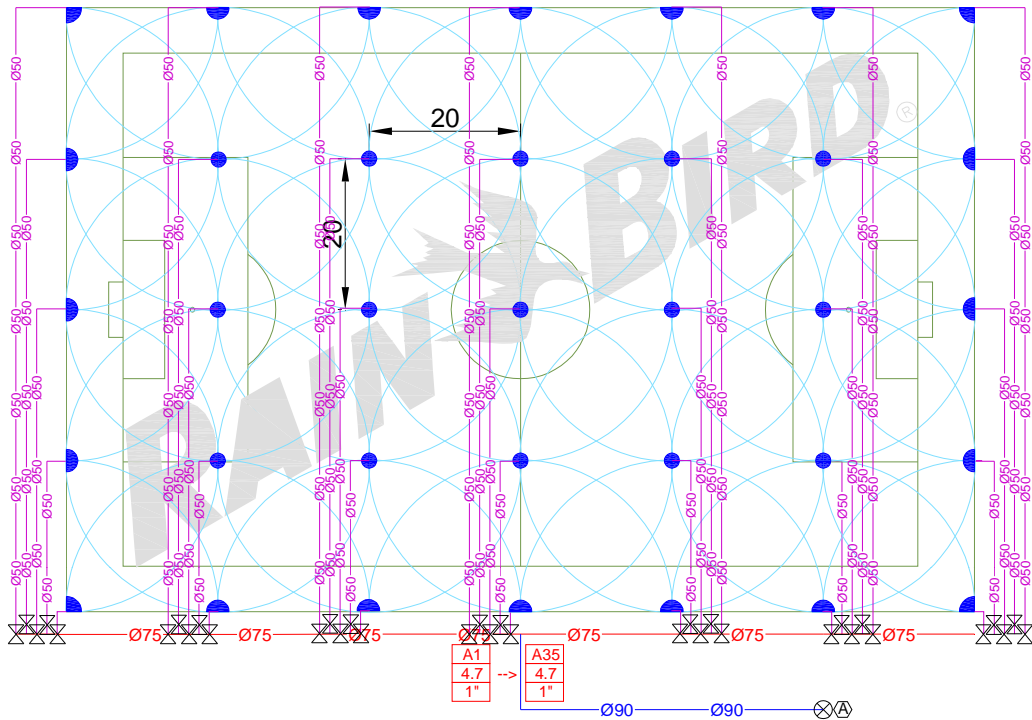
\* ---- For a water supply and a controller located at 50 m from the field ----

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**Legend and technical data**

- Controller and point of connexion with isolation valve
- Electricvalve

Sprinkler: 8005-SS

Nozzle: #18

Pressure in bar: 4,5

Radius in m: 20,1

Flow in m<sup>3</sup>/h: 4,22

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.