

SF-5101
02/2013

RACECOURSE - 25 M WIDE - LAYOUT EXAMPLE
ROTORS EAGLE 950-E

Water supply : XX m³/h @ XX bar

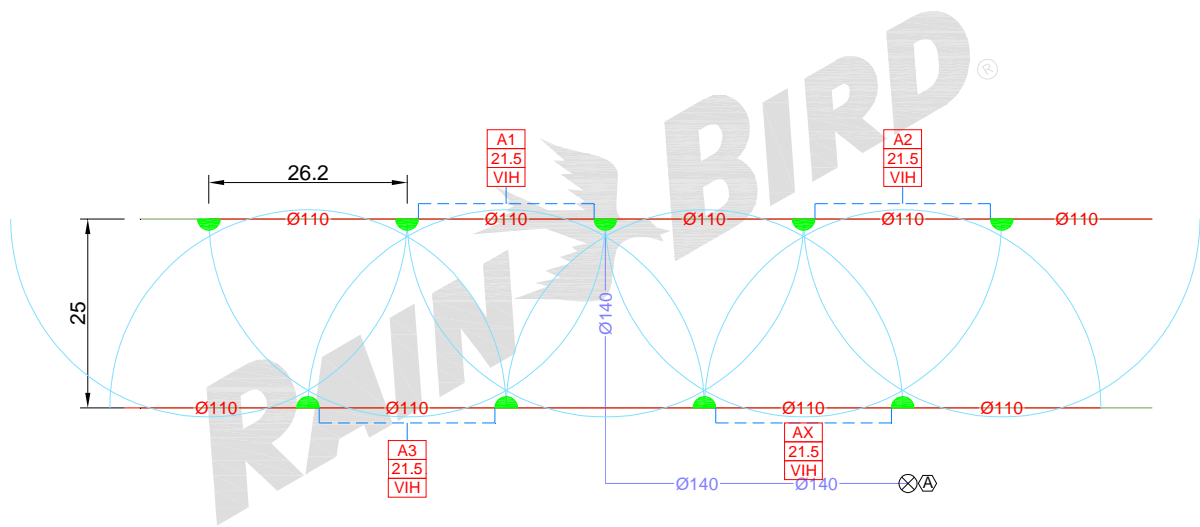
LIST OF MATERIAL

| | <u>Description</u> | | <u>Quantity *</u> |
|--------------|--|----|-------------------|
| 8005-SS | - | | u |
| Falcon PC-SS | - | | u |
| Falcon FC-SS | - | | u |
| 950E | E950 1"1/2 ACME valve in head rotor w/ #28 nozzle | XX | u |
| B99500 | - | | u |
| B81600-18 | - | | u |
| B81600-14 | - | | u |
| SJ-12-100-22 | - | | u |
| SJ-12-150-23 | 1"1/2 (40x49) Swing joint - length : 30 cm BSP/ACME | XX | u |
| 150-PGA | - | | u |
| 200-PGA | - | | u |
| 300-BPE | - | | u |
| VB-JMB-H | - | | u |
| VB-JMB-6EXT | - | | u |
| DBRY | 30V Waterproof wire connectors | XX | u |
| IESP4MEEU | - | | u |
| ESP-SM3 | - | | u |
| XX | Controller | | 1 u |
| ESP-LX-M-SM8 | - | | u |
| RSD-BEx | Rain sensor | | 1 u |
| | HDPE pipes (10 bar) including fittings | XX | m |
| Ø50 | - | | m |
| Ø63 | - | | m |
| Ø75 | - | | m |
| Ø90 | - | | m |
| Ø110 | - | | m |
| DI 115 | Electric cable | XX | m |
| RB | VFD/Soft Start Pump station (XX m ³ /h at XX bar) | | 1 u |

| | |
|---|------------|
| Valve number: | 180° AX |
| Precipitation rate in mm/h | 32,7 |
| Irrigation run time per valve for an amount of 5 mm | 9 |

* ---- 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
- Electric valve

| | |
|----------------------------|-------|
| Sprinkler: | 950E |
| Nozzle: | #28 |
| Pressure in bar: | 5,5 |
| Radius in m: | 26,2 |
| Flow in m ³ /h: | 10,72 |

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.