



L.R. Nelson Corporation
 One Sprinkler Lane
 Peoria, Illinois 61615

Title:

Official Softball Field Layout Without Warning Track

7000/7005 ADV Series Sprinklers

75 PSI Operating Pressure at Sprinkler Head, 51 G.P.M. Water Supply

Scale: **1" = 40'0"**

File: SOFT7075.DWG

This design is for reference only. Your actual field dimensions may vary.
 Please adjust design as necessary.

Notes:

1. Minimum lateral pipe size downstream of valve and before first sprinkler will be 2" in size.
2. Lateral piping to second sprinkler and beyond could remain 2" in size or can be reduced to match flow at that segment.
3. Lateral piping layout is prepared for installation via vibratory plow or trenching.
4. Mainline and valve location may change depending upon overall sports complex layout.
5. Mainline size will vary depending upon overall sports complex layout.
6. Thrust blocking at mainline and valve locations required.

Key



Nelson 7000 ADV (Pop-Up Rotor)
 Part Circle Usage - 12.7 G.P.M.
 #3 Nozzle



Nelson 7000 ADV (Pop-Up Rotor)
 Full Circle Usage - 12.7 G.P.M.
 #3 Nozzle



Nelson 2" Electric Valve
 (Use Globe Configuration)



Nelson 7645 1" Quick Coupling Valve



Mainline Piping
PVC Class 200 SDR 21
 (number indicates size)



Lateral Piping PVC Class 200
 (number indicates size)

L.R. NELSON MATERIAL QUANTITIES

- 21 - L.R. Nelson 7000/7005 ADV Part Circle Rotors
- 6 - L.R. Nelson 2" Electric Valves
- 3 - L.R. Nelson 7645 1" Quick Coupling Valves
- 1 - L.R. Nelson SmartZone Controller
 - 8520 or 8536 (configure as needed)

Notes

