



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

Title:

Official Soccer Field

7500 ADV Series Sprinklers

60 PSI Operating Pressure at Sprinkler Head, 60 G.P.M. Water Supply

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

File: SOCR7560.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 7500 ADV (Pop-Up Rotor)

Full Circle Usage - 13.2 G.P.M.
 # 4 Nozzle

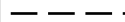


Nelson 2" Electric Valve

(Use Globe Configuration)



Nelson 7645 1" Quick Coupling Valve



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

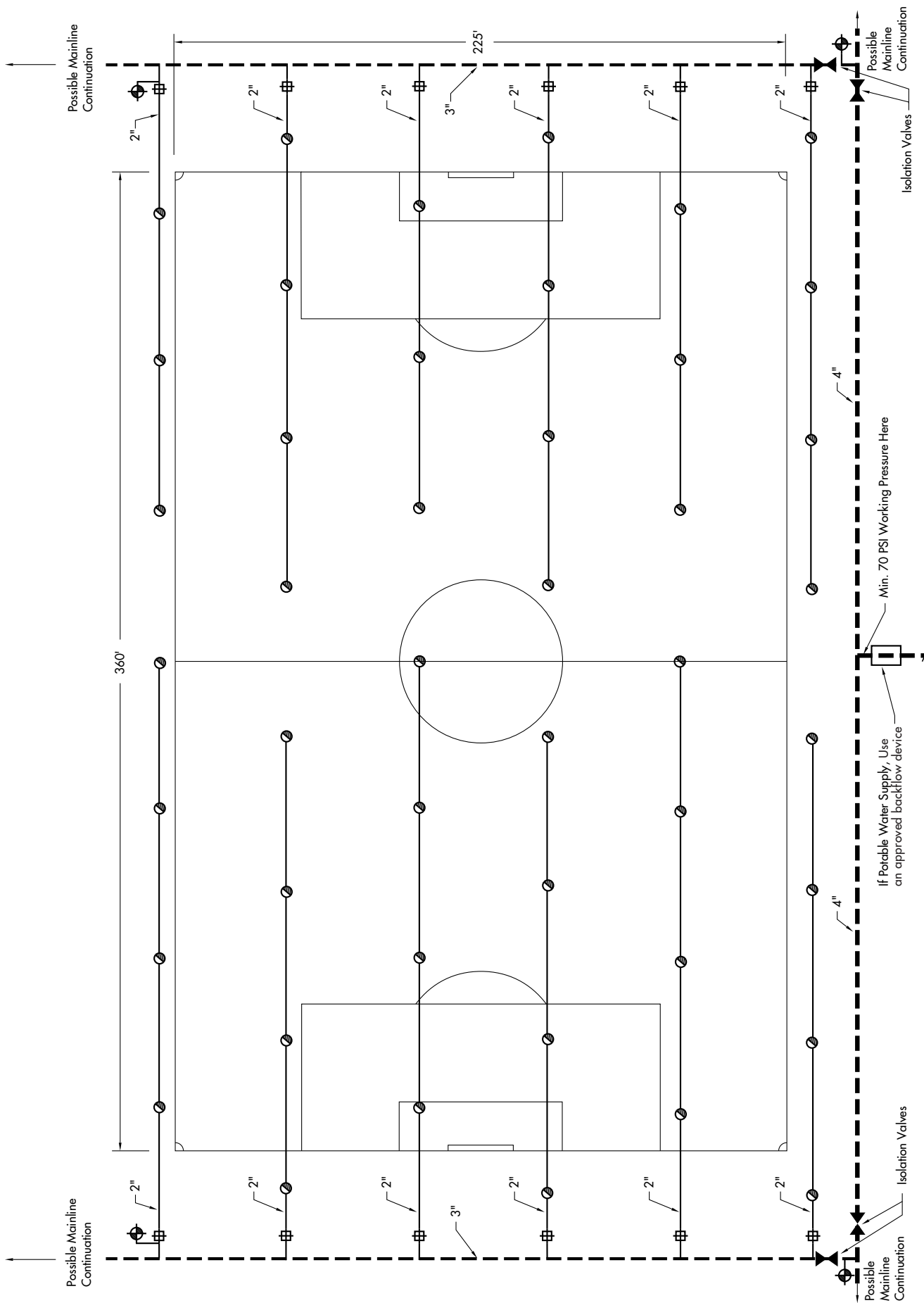


Lateral Piping PVC Class 200
 (number indicates size)

L.R. NELSON MATERIAL QUANTITIES

- 45 - L.R. Nelson 7500 ADV Rotors
- 12 - L.R. Nelson 2" Electric Valves
- 10 - L.R. Nelson 7645 1" Quick Coupling Valves
- 1 - L.R. Nelson SmartZone Controller
- 8520 or 8536 with (1) Plus4 Module

Notes



Water Source
 Total Volume Available Unknown
 But Assume 60 G.P.M. For This Application

If Potable Water Supply, Use an approved backflow device

Min. 70 PSI Working Pressure Here

Possible Mainline Continuation

Possible Mainline Continuation

Possible Mainline Continuation

Possible Mainline Continuation

Isolation Valves

Isolation Valves

360'

225'

2"

2"

2"

3"

2"

2"

2"

2"

2"

2"

3"

2"

2"

2"

4"

4"