

# ATTACHMENT C

## IRRIGATION NOTES

- 1) Tie into the existing 2" Backflow Preventer (BFP) located at the west side of the playfield. In addition an Isolation valve shall be installed separating the existing domestic water from the newly installed irrigation water. The Contractor shall install a lockable cage surrounding the backflow preventer after the ground work has been completed.
- 2) On the back of the (2) story building (F) install a (16) station "Galcon Cyber-Rain Smart Clock" model number: 01XCIPS16-900 900 MHz Pro Outdoor Controller in a stainless steel box. Gateway Internet Connection model number: Gateway 01GW-IW 900 MHz Gateway.
- 3) Control wires from the clock are not to be exposed from the clock to the ground but placed with in a (2)" schedule 40 PVC pipe from clock to ground at least 12" below the surface. Control wires can then be direct buried to each valve, no less than 12" preferably 16"-18" inches below the surface. Control wires are to be beneath the mainline where ever possible.
- 4) Terminate wires to valves using epoxy caps.
- 5) All mainline and lateral lines shall be schedule 40 PVC.
- 6) Threaded adapters at valves shall be schedule 80 Nipples.
- 7) Valves installed shall be "Superior 950 Brass sizes 1", 1 ½", and 2".
- 8) Sprinkler heads shall be Hunter I-40's with schedule 80 swing joints and Marlex 1" street ells and Hunter I-20's with schedule 80 swing joints and Marlex ¾" street ells.
- 9) Set all sprinklers flush and plumb to grade.
- 10) Install sprinklers and valves per details on Sheet L-102 & L-103.
- 11) Each valve shall have a metal label connected securely depicting the valve number.
- 12) As-built drawings required for Close-out.