

Oregon Tech – Irrigation Installation General Notes, Exhibit A

PVC pipe sch 40

Solvent weld joints to be beveled and primed before cementing

Pipe sizes as noted on plan

Valves : 2" Rainbird PEB

One valve per valve box/ vault

Valve box size 21" x 15" x 12" or similar

Sprinklers : Zone 1 Rainbird 5004 PC

All other zones Rainbird Falcon.

Falcon sprinklers installed on Lassco swing joint assembly or approved equal

All threaded joints to use Teflon tape thread sealant

Backflow : 2" DCVA installed with unions and quick coupler for winterization on downstream side

Controller : Rainbird ESP Modular series installed on score board post

Owner to supply electrical power to controller

Valve control wire : 18 ga. Direct burial cable install conduit from controller to 12" below ground level

Continuous run of wire from controller to valve, (no buried wire splices)

Water proof connectors in valve boxes,

At point of connection two (2) isolation valves to be installed for irrigation system and field house.

Prior to back filling , pressure test mainline with owner present.

After back fill of trenches grade entire area ,removing all debris larger than $\frac{3}{4}$ "

Supply top soil as needed and grade area to uniform condition

Prepare area for grass planting by hydro seed or mechanical method

Submit selected grass varieties to owner for approval.