

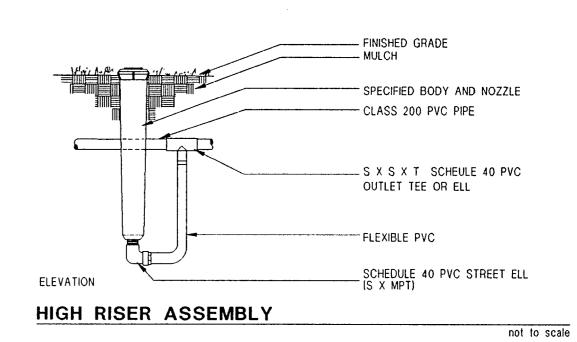
ROTARY HEAD

REMOTE CONTROL VALVE

not to scale

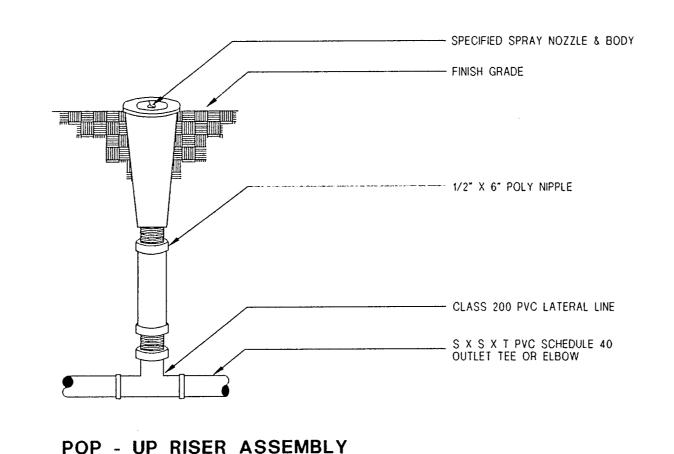
- VALVE BOX FLUSH WITH FINISH GRADE

--- PEA GRAVEL



12" POP-UP

PLAN 느



4" POP-UP

REMOTE CONTROL VALVE WITH
24" LONG LOOP OF CONTROL WIRE
45 DEGREE ELL

SCHEDULE 40 PVC FITTINGS

MAIN LINE

ELECTRIC VALVE

CONTROLLER AS SPECIFIED

KEYED LOCK OR PADLOCK

HARD WIRE 117 VOLT A.C. POWER TO TO FLUSH OUTLET BEHIND CONTROLLER

STEEL MALE CONNECTOR

1 1/4" RIGID STEEL CONDUIT

STEEL SPLICE BOX WITH FRONT ACCESS PANEL RIGID STEEL CONDUIT (SAME SIZE AS CONDUIT BELOW GRADE) CONDUIT SHALL BE PLUMB.

STEEL COUPLING (AS REQUIRED)

FINISH FLOOR

STEEL SWEEP ELL RIGID STEEL CONDUIT BELOW FLOOR OR GRADE

LAG BOLTS OR EXPANSION BOLTS
AS REQUIRED

- WALL (EXTERIOR OR INTERIOR)

HARD WIRE 117 VOLT A.C. BEHIND CONTROLLER IN FLUSH BOX

not to scale

CONTROLLER

WALL MOUNTED CONTROLLER

CONTROLLER

## IRRIGATION NOTES

- 1. All equipment numbers reference Rainbird equipment catalog unless
- otherwise indicated.
- LAWN SPRAY HEADS are 1804 sam installed as per detail.
   SHRUB SPRAY HEADS are 1812 sam installed as per detail.
- 4. ELECTRIC CONTROL VALVES shall be PGA SERIES installed as per detail shown. Size valves as shown on plans. Valves shall be installed in valve boxes large enough to permit manual operation, removal of solenoid and/or valve cover without any earth excavation.
- 5. QUICK COUPLING VALVES shall be \*33RC installed as per detail shown.
  Swing joints shall be constructed using 3/4" Sch. 80 elbows. Contractor shall supply owner with three (3) couplers and three (3) swivel hose ells as part of this contract.
- 6. AUTOMATIC CONTROLLER shall be installed at location shown. Power (120Y) shall be located in a junction box within five feet (5') of controller location by other trades.
- 7. All 24 volt valve wiring is to be UF 14 single conductor. All wire splices are to be permanent and waterproof.
- 8. SLEEVES shall be installed by General Contractor. Sleeve material shall be Schedule 40. Sizes as Indicated on plans.
  9. Ten days prior to start of construction, contractor shall verify static water pressure. If static pressure is less than 50 PSI, do not start work until notified
- to do so by owner.

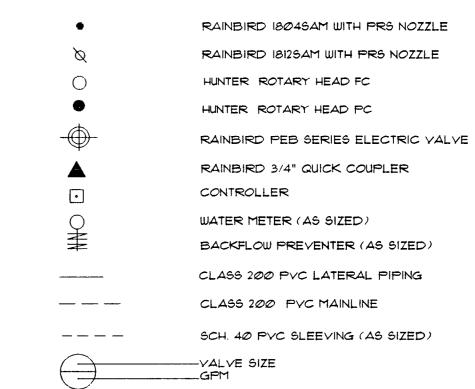
  10. All mainline and lateral piping shall have a minimum of 12 inches of cover. All piping under paying shall have a minimum of 18 inches of cover.
- piping under paving shall have a minimum of 18 inches of cover.

  11. The irrigation contractor shall coordinate installation of the system with the landscape contractor so that all plant material will be watered in accordance
- with the intent of the plans and specifications.

  12. The irrigation contractor shall select the proper arc and radius for each nozzle to insure 100% and proper coverage of all lawn areas and plant material. All nozzles in parking lots and planting beds shall be low angle to minimize overspray on pavement surfaces. No water will be allowed to spray on building.

## IRRIGATION LEGEND

not to scale



RECORD DRAWINGS:

THE INTENT OF THE OWNER AND ENGINEER WAS TO CONSTRUCT THESE FACILITIES ACCORDING TO THESE PLANS AS APPROVED BY THE CITY OF ADDISON. THE LINES AND GRADES WERE SET ON THE GROUND FOR CONSTRUCTION ACCORDING TO SAID PLANS. THE CITY OF ADDISON INSPECTED THE CONSTRUCTION. NEITHER THE OWNER NOR THE ENGINEER VERIFIED LINES OR GRADES AFTER CONSTRUCTION. WE ARE NOT AWARE OF ANY CHANGES OR REVISIONS TO THESE PLANS DURING CONSTRUCTION EXCEPT AS NOTED.

BY:

DATE:

DATE:

DATE:

JAN. 3, 2002

PROPOSED SAM'S CL BELTLA ADDISC RRIGATION

PROJECT MGR.

JW

PROJECT TECH.

JW

CHECKED BY

JW

JOB NO.

SHEET NO.

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