

THIS PORTION OF MAIN LINE TO BE INSTALLED ON SURFACE (2" GALV. STEEL PIPE)

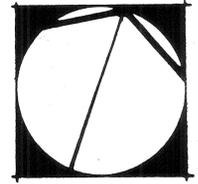
VALVE A8 & A19 SHALL BE INSTALLED ON SURFACE - INSTALL STRAIGHT TYPE R.C.V., SECURE PRESSURE & NON-PRESSURE PIPE TO BOX WITH 2 #12 GALV. WIRES. WIRES ALONG MAIN LINE SHALL BE TAPED EVERY 5' O.C.

NOTE: CONTRACTOR SHALL PROVIDE FLOOD IRRIGATION FOR ISLAND AT LEAST ONCE A WEEK BY CONSTRUCTING AN EARTH DAM AROUND ISLAND TO RETAIN 6" OF WATER PER WATERING.

NOTE: CONTRACTOR SHALL TAKE ALL POSSIBLE CARE TO AVOID INJURY TO TREE ROOTS. ALL PRESSURE SUPPLY PIPE SHALL BE INSTALLED NO CLOSER THAN 15 FT. FROM EXISTING TREES. NON-PRESSURE LINES SHALL BE NO CLOSER THAN 5 FT. ALL ROUTING SHALL BE APPROVED BY LANDSCAPE ARCHITECT BEFORE INSTALLATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

INSTALL 2" PVC PIPE ON SUSPENSION ABOVE CONSTRUCTION - SECURE PIPE TO BEST SUIT ACTUAL CONDITION FOR SAFE INSTALLATION

INSTALL CL 200 PVC PIPE AS PER DETAIL NO. 6 WITH THE EXCEPTION OF BUBBLERS, BEING 3' O.C. ALONG PIPE (APPROX. 150 BUBBLERS)



SCALE: 1"=60'

**AIC**  
ASSOCIATED IRRIGATION CONSULTANTS  
2004 SEPULVEDA BOULEVARD  
LOS ANGELES CALIFORNIA 90025  
310 477-4225

REGISTERED LANDSCAPE ARCHITECT  
WAYNE W. FLORIAN NO. 12203  
12/20/03  
STATE OF CALIFORNIA

**FLORIAN MARTINEZ ASSOCIATES**  
LANDSCAPE ARCHITECTURE AND PLANNING  
13132 NEWPORT AVENUE, SUITE 110  
TUSTIN, CALIFORNIA 92680

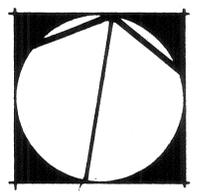
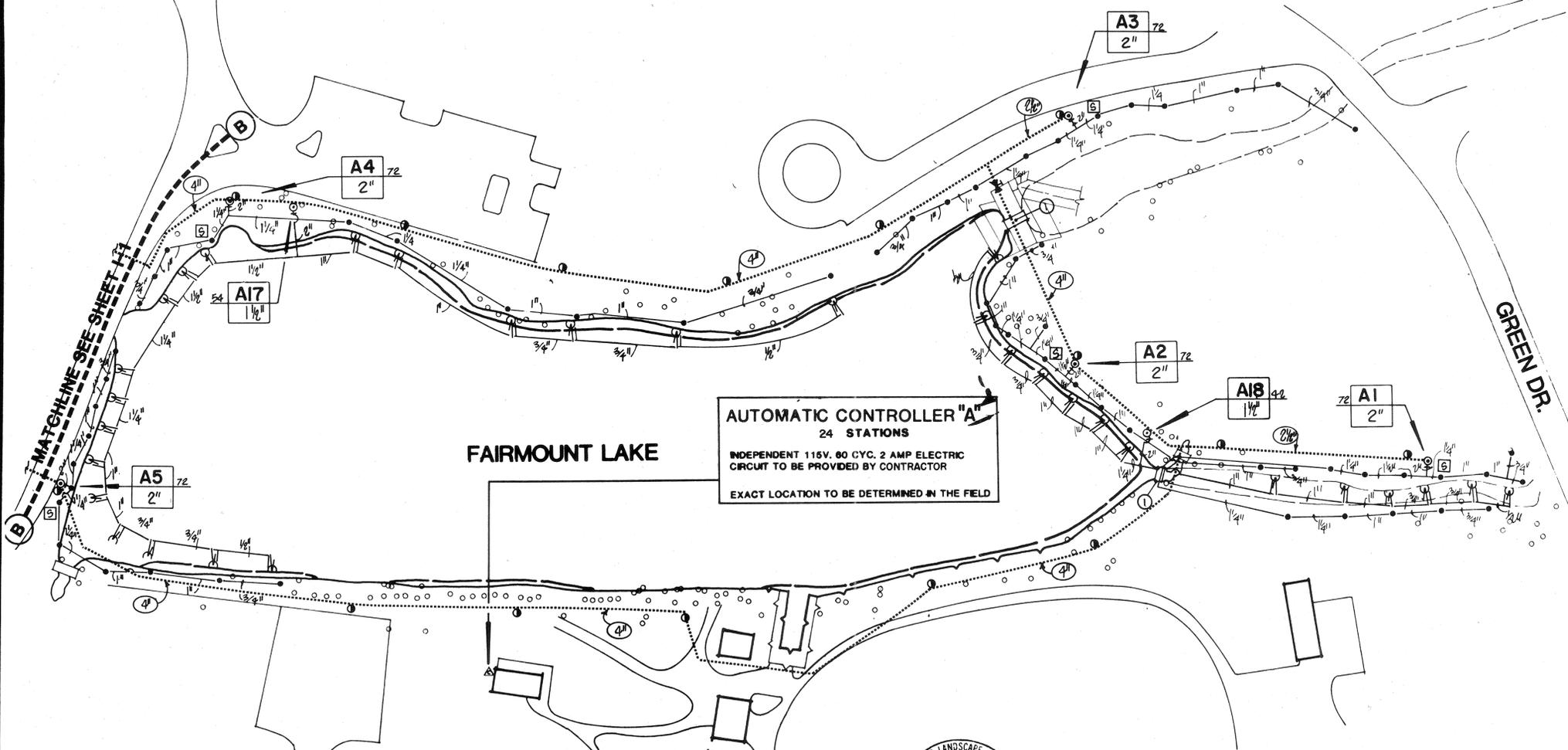
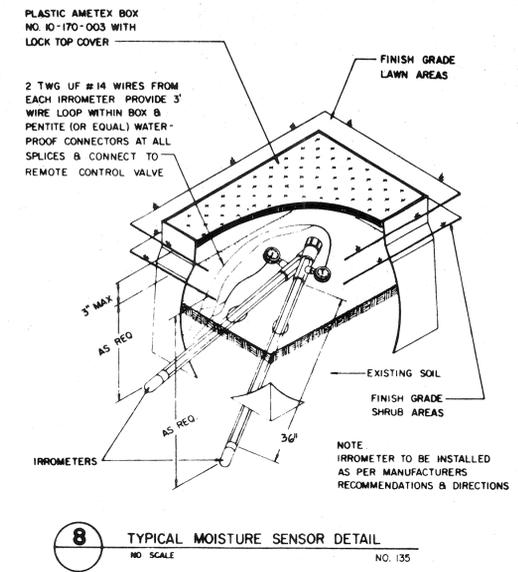
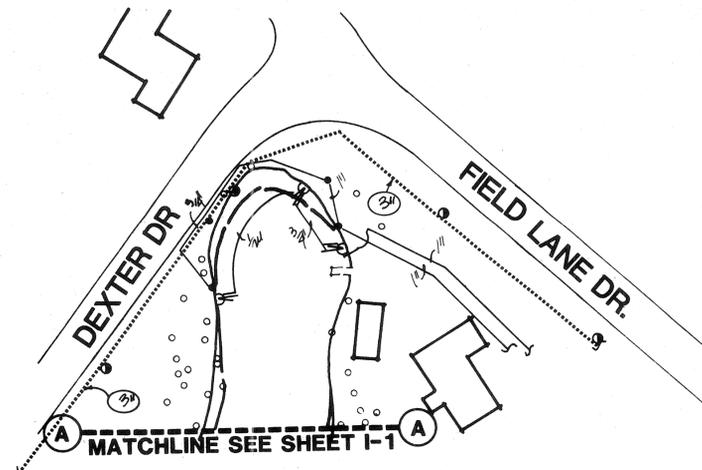
NO.	REVISIONS	DATE	APPROVED

**CITY OF RIVERSIDE**  
PARK AND RECREATION DEPARTMENT

APPROVED BY:	DATE:	BY:	APPROVED BY:
DATE:			

**FAIRMOUNT LAKES REHABILITATION**  
IRRIGATION PLAN  
HORIZ. SCALE N.T.S. VERT. SCALE: 1"=

ACCOUNT NO. 10X-16  
**1-1**  
SHEET 19 of 24  
D-431



SCALE: 1"=60'

**AIC**  
ASSOCIATED IRRIGATION CONSULTANTS  
204 S. FLAVIA BLVD. LOS ANGELES, CALIFORNIA 90025  
CRED. #77-4883



**FLORIAN  
MARTINEZ  
ASSOCIATES**  
LANDSCAPE  
ARCHITECTURE  
AND PLANNING  
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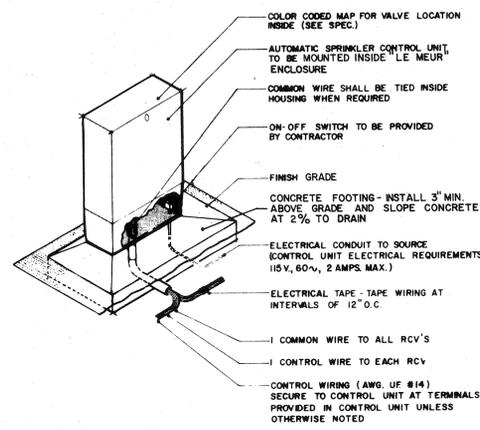
MARK	REVISIONS	APPR.	DATE

DESIGNED BY: \_\_\_\_\_ DRAWN BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_

<b>CITY OF RIVERSIDE</b> PARK AND RECREATION DEPARTMENT			
APPROVED BY:	DATE:	BY:	APPROVED BY:
PARK DEPARTMENT			

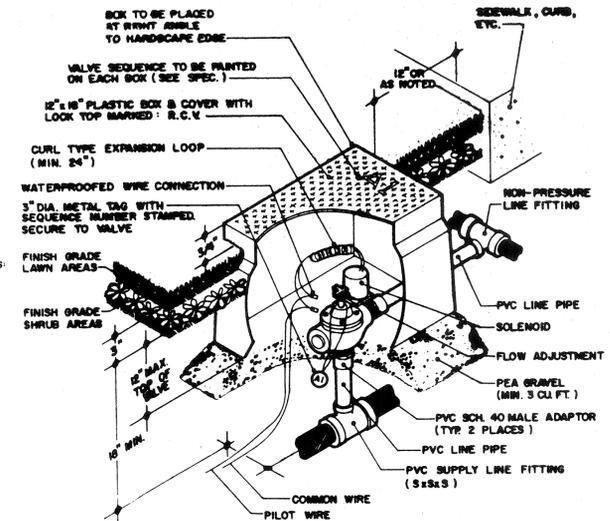
**FAIRMOUNT LAKES  
REHABILITATION**  
IRRIGATION PLAN  
HORIZ. SCALE N.T.S. VERT. SCALE: 1"=

ACCOUNT NO.  
**1-2**  
SHEET 20 OF 24  
D-431



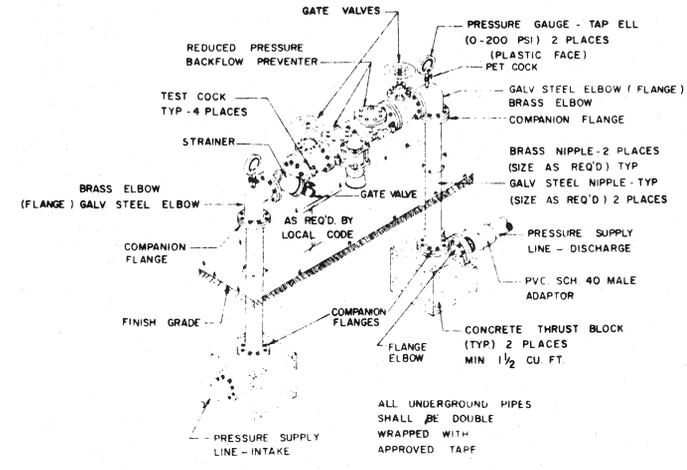
- NOTE:
- COMMON WIRE TO BE WHITE & CONTROL WIRE TO BE RED IN COLOR
  - NO SPLICES SHALL BE MADE BETWEEN CONTROLLER & REMOTE CONTROL VALVE
  - CONTROL WIRING SEQUENCE CORRESPONDS TO OPERATING SEQUENCE OF REMOTE CONTROL VALVES & AUTOMATIC SPRINKLER CONTROL UNIT STATION CONNECTION SEQUENCE SHOWN ON DETAIL IS FOR REFERENCE ONLY SEE IRRIGATION PLAN FOR CORRECT VALVE SEQUENCE

1 TYPICAL AUTOMATIC SPRINKLER CONTROL ASSEMBLY WALL MOUNTED  
NO SCALE 120-A



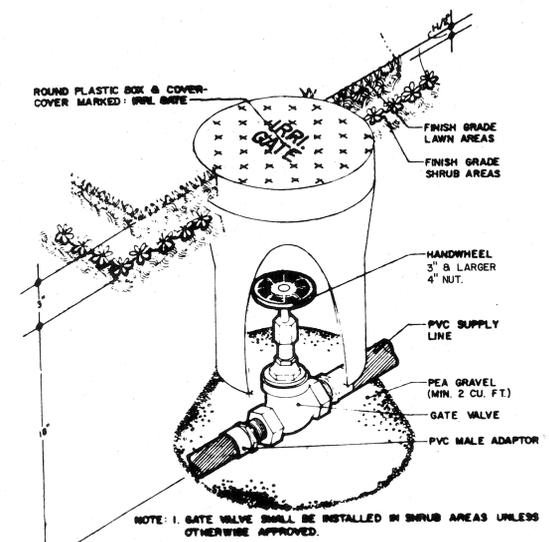
- NOTE:
- VALVES ARE TO BE INSTALLED IN SHRUB AREAS UNLESS OTHERWISE APPROVED.
  - WHEN MORE THAN ONE VALVE IS LOCATED IN THE SAME AREA, PROVIDE A SPACE A MIN. OF 3 FT. APART.
  - USE TEFLON TAPE ON ALL THREADED FITTINGS.

2 TYPICAL REMOTE CONTROL VALVE ASSEMBLY  
NO SCALE INSTALLATION NOT PERTINENT TO VALVES A8 AND A19 27-110-05



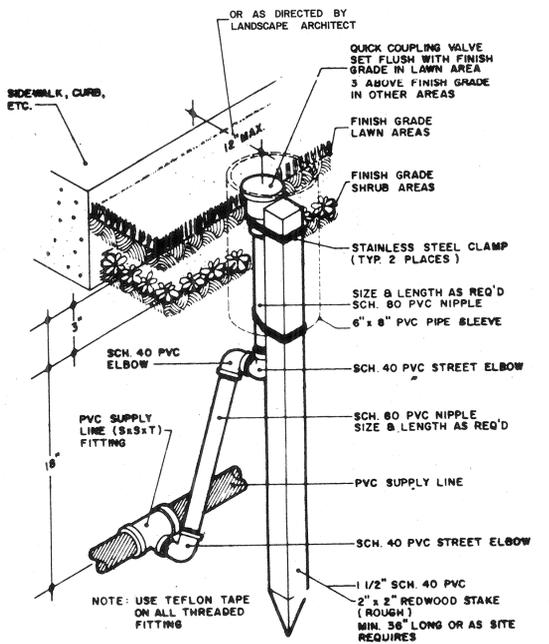
- NOTE:
- EQUIPMENT TO BE INSTALLED AT A MINIMUM OF 12" FROM WALLS, BUILDINGS, ETC.
  - ALL ABOVE GROUND ASSEMBLY SHALL RECEIVE ONE (1) COAT RED LEAD PRIMER AND ONE (1) COAT PAINT AS SELECTED BY ARCHITECT
  - WHEN UNIT IS NEXT TO BUILDING, WALL, ETC. TEST COCKS ARE TO BE ON OUTSIDE

3 TYPICAL BACKFLOW PREVENTER ASSEMBLY  
NO SCALE 2 1/2" OR LARGER 27-110-01



- NOTE: 1. GATE VALVE SHALL BE INSTALLED IN SHRUB AREAS UNLESS OTHERWISE APPROVED.

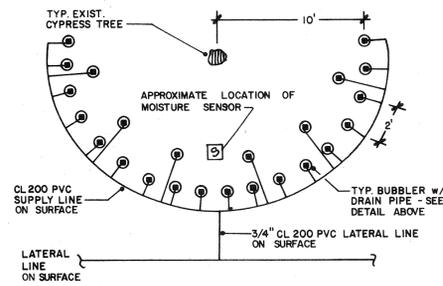
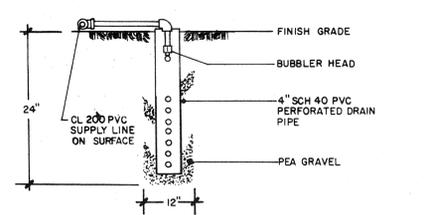
4 TYPICAL GATE VALVE ASSEMBLY  
NO SCALE 2 1/2\"/>



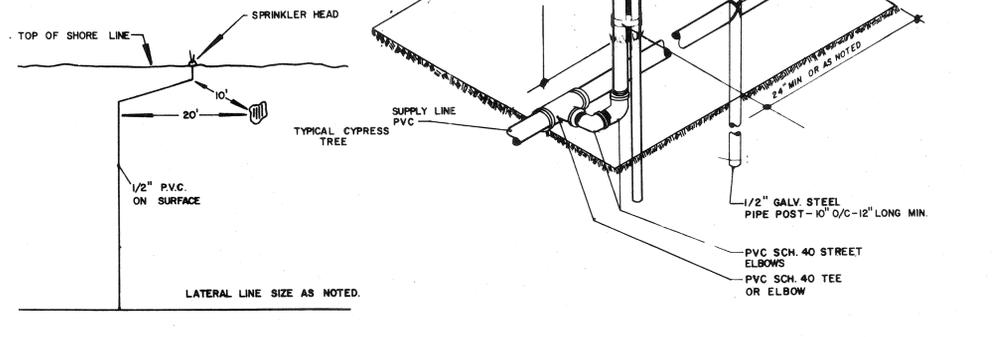
- NOTE: USE TEFLON TAPE ON ALL THREADED FITTING

5 TYPICAL QUICK COUPLING VALVE ASSEMBLY  
NO SCALE 27-103-03

NOTE: IF TREE IS LOCATED MORE THAN 20' AWAY FROM LAKE SHORE LINE BUBBLERS ARE TO BE INSTALLED TO ENCOMPASS TREE VERIFY WITH LANDSCAPE ARCHITECT BEFORE INSTALLING.



6 TYPICAL BUBBLER DETAIL



7 TYPICAL OSCILLATING HEAD ASSEMBLY & LOCATION

### LEGEND

SYMBOLS	DESCRIPTION	MANUFACTURER & PART NO.	REFERENCE
P.O.C.	POINT OF CONNECTION		
(2) ---	PRESSURE SUPPLY LINES & SIZE (2" & SMALLER)	SCHEDULE 40 P.V.C.	SPECIFICATION
(4) ---	PRESSURE SUPPLY LINE & SIZE (2-1/2" & LARGER)	CLASS 200 P.V.C.	SPECIFICATION
1/2"	NON-PRESSURE LINES & SIZE ON SURFACE AS NOTED	CLASS 200 P.V.C.	SPECIFICATION
AI 72	CONTROLLER SEQUENCE GALLONS PER MINUTE REMOTE CONTROL VALVE SIZE		
△	AUTOMATIC CONTROLLER	GRISWOLD NO. 2306-24 STA. (PED. MOUNT)	DETAIL NO. 1
○	REMOTE CONTROL VALVES	GRISWOLD NO. 2000 SERIES	DETAIL NO. 2
●	QUICK COUPLING VALVES	RAIN BIRD NO. 44 LVC	DETAIL NO. 5
RP	BACKFLOW PREVENTION UNIT (BPU)	CLAYTON RP - 4"	DETAIL NO. 3
●	BUBBLER HEADS	RAIN BIRD NO. 1401	DETAIL NO. 6
∩	GATE VALVES - LINE SIZE	NIBCO OR EQUAL	DETAIL NO. 4
∩	PART CIRCLE OSCILLATING HEAD	RAIN-BIRD NO. 25 PJ SPECIAL 9/64 NOZZLE	DETAIL NO. 7
S	MOISTURE SENSOR UNIT	IRROMETER - TGA-	DETAIL NO. 8

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PARK DEPARTMENT

**FAIRMOUNT LAKES REHABILITATION**  
IRRIGATION DETAILS  
HORIZ SCALE N.T.S. VERT SCALE: 1" =

ACCOUNT NO. 102 WE  
1-3  
SHEET 21 of 24  
D-431