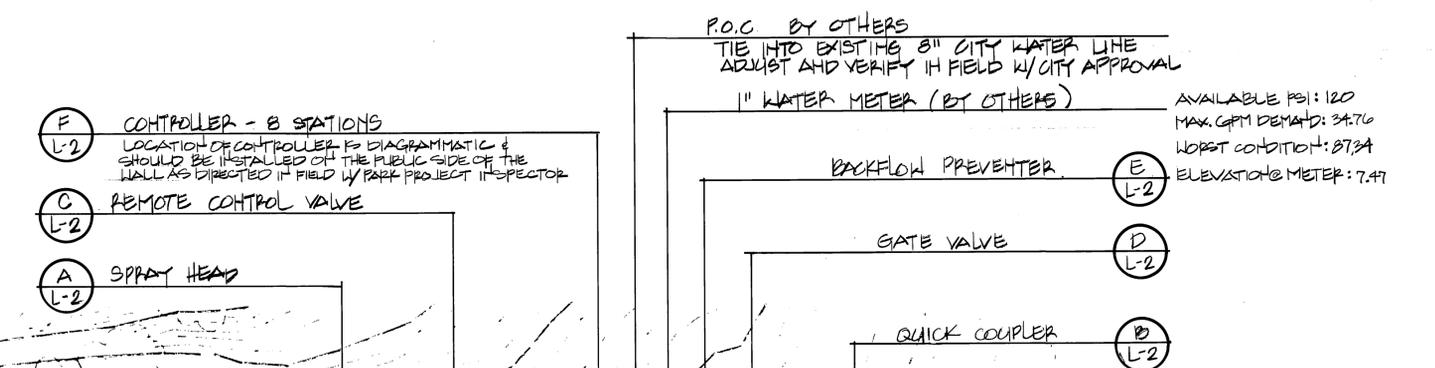
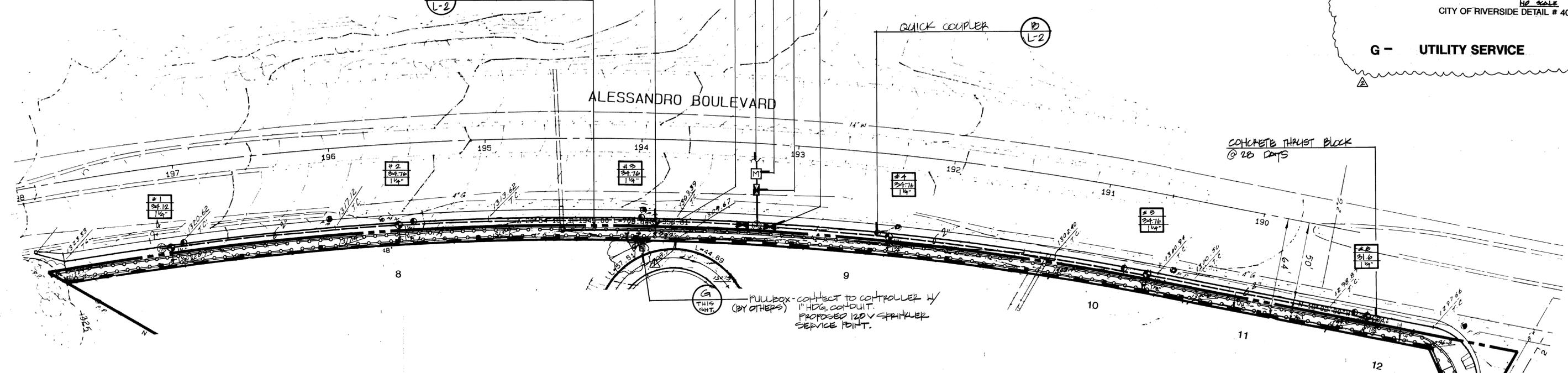


G - UTILITY SERVICE



- (F) CONTROLLER - 8 STATIONS
LOCATION OF CONTROLLER IS DIAGRAMMATIC & SHOULD BE INSTALLED ON THE PUBLIC SIDE OF THE WALL AS DIRECTED IN FIELD W/ PARK PROJECT INSPECTOR
- (C) REMOTE CONTROL VALVE
- (A) SPRAY HEAD



SYMBOL	MANUFACTURER - MODEL NUMBER	PATTERN	RADIUS	PSI	GPM				DETAIL REF	REMARKS
					F	H	Q	IP		
○	PAINTED B SERIES 1 1/2" BODY	1/4" 1/2" VAR.	8'	20	7.9	2.9			'A'	
M	WATER METER - BY OTHERS									
■	FERCO 881T BACKFLOW PREVENTER								'E'	SCREEN WITH 18" SHROUS A GROUND COVER
■	FERCO T-112 BRASS GATE VALVE								'D'	LINE SIZE
■	PAINTED BRASS REMOTE CONTROL VALVE								'C'	SIZE PER PLAN
■	1/4" LRG. QUICK COUPLER								'B'	@ 150 O.G. SPACING
■	CONCRETE THRUST BLOCK			2000 PSI @ 28 DAYS						
—	PVC 200 PRESSURIZED MAINLINE									INSTALL WITH 18" MIN. COVER
—	PVC 200 LATERAL LINE									INSTALL WITH 12" MIN. COVER
—	PAINTED CONTROL 1/2" B STATIONS								'F'	INSTALL IN LEMPER LOCKING ENCLOSURE
NOT SHOWN	CONTROL WIRE - SOLID COPPER BLACK, COMMON 14 GA. PILOT, OF DIRECT BURIAL									18" MIN. COVER, ROUTE W/ MAINLINE

NOTE:
- CONTRACTOR TO PROVIDE 1 EXTRA PILOT WIRE TO EACH END OF MAINLINE. PIGTAIL & BUNDLE INSIDE OF A CONCRETE PVC BOX & STORE FOR FUTURE USE.
- ALL LATERAL LINE TO BE SIZED AT 3/4" UNLESS OTHERWISE STATED ON PLAN.

DESIGN PRESSURE 30 PSI
PRESSURE AVAILABLE 120 PSI



TRACT # 25350
LANDSCAPE PLANS FOR PACIFIC SCENE INC. REDLANDS CA



REVISIONS	APPR.	DATE
DESIGNED BY: ALH	DRAWN BY: ALH	CHECKED BY: RD

DEPARTMENT	SIGNATURE	DATE
PLANNING	<i>B. M. Brown</i>	6-20-91
PARK AND RECREATION	<i>M. W. Whitten</i>	7-3-91
PUBLIC UTILITIES-ELECTRIC	<i>W. M. Whitten</i>	6/12/91

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	8/29/91	RD
PARK DEPARTMENT	7-3-91	RD
TRAFFIC DIVISION		
CHIEF P.W. ENGINEER	8/29/91	RD

DATE: 8/29/91

TRACT 25350
PARKWAY LANDSCAPE PLANS
ALESSANDRO BLVD

ACCOUNT NO.
R #3181-L
IRRIGATION PLAN
SHEET 2 OF 5

HORIZ. SCALE: 1" = 30' VERT. SCALE: 1" = 10'

INDEXED 9-20-91 LPH

PART 1 - GENERAL

1.01 RELATED DOCUMENTS:
The provisions of the "Standard Specifications for Public Works Construction", current edition, shall apply except as modified herein.

1.02 SCOPE:
A. General:
The work of this section shall include the furnishing of all labor, materials, equipment and services necessary to provide complete operating irrigation systems, including 120 volt electrical service to the controller, all as shown on the drawings and as specified.

B. Related Work Specified Elsewhere:
Site Clear and Grub 0210
Site Grading 0210
Selected Site Demolition 0210
Planting 0240
Electrical 1630

1.03 SUBMITTALS:
A. Materials List:
Contractor shall submit a complete materials list for approval by the City prior to performing any work. Catalog data and full descriptive literature must be submitted whenever the use of item different than those specified is requested. Materialized certificates must be submitted by plastic pipe and fitting manufacturer indicating that material complies with specifications, unless material has been previously approved.

Material list shall be submitted using the following format:

Item	Description	Manufacturer	Model No.
1	Pressure Supply Line	Lesco	Sch. 40
2	Lawn Head	Rainbird	etc.
etc.	etc.	etc.	etc.

B. "Record" Prints:
(1) Record accurately on one set of blue-line prints all changes in the work constituting departures from the original contract drawings, including changes in pressure and non-pressure line locations.

(2) The changes and dimensions shall be recorded in a legible and workmanlike manner to the satisfaction of the City. Prior to final inspection of work, submit record prints to City for approval.

(3) Dimension from two permanent points of reference (buildings, monuments, sidewalks, curbs, pavement, etc.) to be shown on record prints shall be recorded day-to-day as the project is being installed.

(4) Show locations and depths of the following items:
a. Point of connection.
b. Routing of sprinkler pressure lines (dimension maximum 100 feet along routing).
c. Gate valves.
d. Sprinkler control valves.
e. Quick coupling valves.
f. Routing of control wires.
g. Related equipment (as may be directed).
h. Maintain record prints onsite at all times.

1.04 INSPECTIONS:
A. Inspections will be required for:
(1) Pressure test of irrigation main line.
(2) Coverage test.
(3) Final inspection/start of maintenance.
(4) Final acceptance.

B. Inspection Requests:
Contractor shall notify the Park Projects Inspector in advance for requesting all inspections as follows:
Pressure supply line installation and testing - 36 hours (1-1/2 working days)
System layout - 36 hours (1-1/2 working days)
Coverage test - 36 hours (1-1/2 working days)
Final inspection - 48 hours (two working days)

When inspections have been conducted by other than the Park Projects Inspector, the Contractor shall show evidence of when and by whom these inspections were made.

No inspection will commence without "record" prints. In the event the Contractor calls for an inspection without up to date "record" prints, without completing previously noted corrections, or without the Contractor back charged for the direct costs of all City personnel time and consultant time lost.

C. Closing in uninspected work:
Do not allow or cause any of the work of this section to be covered up or enclosed until it has been inspected, tested and approved by the City.

D. Coverage test:
When the sprinkler system is completed, Contractor shall perform a coverage test in the presence of the City to determine if the water coverage for planting areas is complete and adequate. This test must be accepted by the City before planting can commence.

E. Hydrostatic test:
(1) Prior to the installation of any valves, all pressure lines shall be tested under a hydrostatic pressure of 150 psi for a period of not less than two hours, with all ends of lines capped and the line fully charged with water after all air has been bled from the line.
(2) All hydrostatic tests shall be made in the presence of the City. No pressure line shall be backfilled until it has been inspected, tested, approved in writing, and the written test report locations have been noted on the "as-built" record drawings.
(3) Contractor shall furnish necessary force pump and all other test equipment.

1.05 TURNOVER ITEMS:
A. Controller Charts:
(1) Record prints must be approved by City before charts are prepared.
(2) Provide one controller chart of the maximum size controller door will allow for each automatic controller. Chart shall show the area covered by controller.
(3) The chart is to be a reduced copy of the actual "record" print. In the event the controller sequence is not legible when the print is reduced, it shall be enlarged to a readable size.
(4) Chart shall be marked with a different color to show the area of coverage for each station.
(5) When completed and approved, the chart shall be hermetically sealed between two pieces of plastic, each piece being minimum 20 mil in thickness. Chart shall be installed in the controller enclosure using velcro fasteners.
(6) Controller charts shall be completed prior to final inspection.

B. Operation and Maintenance Manuals:
within 10 calendar days prior to acceptance of construction, prepare and deliver to the City all required descriptive materials, properly prepared in two individually bound copies of the operation and maintenance manual. The manual shall describe the material installed in sufficient detail to permit operating personnel to identify, operate, and maintain all equipment. Information to be included in the manual shall include:
(1) Index sheet showing controller's address and telephone number, including names and addresses and telephone numbers of local manufacturer's representatives.
(2) Complete operating and maintenance instructions on all major equipment.

C. Materials to be furnished:
(1) Supply as part of this contract the following items:
a. 45 additional sprinkler heads of each type and spray pattern shown.
b. Two (2) wrenches for disassembly and adjustment of each type sprinkler head installed.
c. Two keys for each automatic controller.
d. Two couplings with a 3/4" bronze hose bib, bent nose type with hand wheel and two coupler keys.
e. One valve box cover key.
f. "As-built" record drawings.
g. Remove and turn over backflow device valve handles.
h. Documentation of Water Department's inspection and acceptance of backflow device.

D. The above items shall be turned over to the City at the conclusion of the project - final inspection.

1.06 GUARANTEE:
A. General:
The entire sprinkler system, including all work done under this contract, shall be guaranteed against all defects and fault of material and workmanship for a period of one (1) year following the filing of the Notice of Completion. All materials used shall carry a manufacturer's guarantee of one (1) year.

Should any problem with the irrigation system be discovered within the guarantee period, it shall be corrected by the Contractor at no additional expense to the City within ten (10) calendar days of receipt of written notice from the City. When the nature of the repairs is determined by the City constituting an emergency (e.g., broken pressure line) the City may proceed to make repairs at the Contractor's expense. Any and all damages to existing improvement resulting either from faulty materials or materials within the guarantee period shall be repaired to correct same, shall be repaired to the satisfaction of the City by the Contractor, all at no additional cost to the City.

B. Form of Guarantee:
Guarantee shall be submitted on Contractors own letterhead as follows:
GUARANTEE FOR SPRINKLER IRRIGATION SYSTEM
We hereby guarantee that the sprinkler irrigation system we have furnished and installed is free from defects in materials and workmanship, and the work has been completed in accordance with the requirements, ordinary wear and tear and unusual abuse, or neglect excepted, and that the work, materials, and equipment as installed will fulfill the requirements of the guarantee and that we will repair or replace any or all of the work, materials, and equipment as installed which may be displaced by or doing, that may prove to be defective in its workmanship or materials within the guarantee period of one (1) year from date of acceptance of the above named project by the City of Riverside, California, at no additional cost to the City. We shall make such repairs or replacements within 10 calendar days following written notification by the City. When the immediate repair or replacement of the work is necessary to ensure the public safety and welfare, which would be endangered by continued use of the facility, such circumstances will be deemed an operational emergency. In the event such an emergency exists, we authorize the City to proceed to have said repairs or replacements made at our expense and we will pay the costs and charges therefor upon demand.

PROJECT: _____
LOCATION: _____
SIGNATURE: _____
ADDRESS: _____
PHONE: _____

C. After the system has been completed, the Contractor shall instruct the Park Department Representative of the operation and maintenance of the system and shall furnish a complete set of operating instructions.
D. Any settling of trenches which may occur during the one-year period following acceptance shall be repaired to City's satisfaction by the Contractor without any additional expense to the City. Repairs shall include the complete restoration of all damage to planting, paving or other improvements of any kind as a result of the work.

PART 2 - MATERIALS
2.01 GENERAL:
All materials shall conform with Section 212 of the Standard Specification except as modified herein.

2.02 PIPE AND FITTINGS:
A. Pipe - General:
(1) Pressure supply lines 2 inches in diameter and up to 4 inches in diameter shall be either Class 315 solvent weld PVC or Class 200 rubber gasket type PVC. Solvent weld PVC and ring type pipe shall not be used together on the same pressure supply line.
(2) Pressure supply lines 1-1/2 inches in diameter and smaller shall be minimum schedule 40 PVC.
(3) Non-pressure lines shall be minimum Class 200 PVC.
B. Steel Pipe:
Amend Standard Specifications Section 212-2.1.2 to read: "All steel pipe shall be hot-dipped galvanized, and add: "All fittings for steel pipe shall be 150 pound rated galvanized available from bonded sections. Pipe sizes indicated on the drawings are nominal inside diameter, unless otherwise noted."
C. Plastic Pipe:
Add the following to Standard Specifications Section 212-2.1.3: All plastic pipe fittings shall bear the following markings: manufacturer's name, nominal pipe size, schedule or class, type of material, pressure rating in PSI, NSF seal of approval, and date of extrusion.
Amend Standard Specification Section 212-2.1.3 to read: All plastic pipe fittings shall be standard weight injection molded. No cut threads will be accepted on PVC pipe and fittings. All tees and elbows shall be manufactured in injection molds that are side gated. All threaded nipples shall be standard weight schedule 80 with milled threads.
Amend first sentence of Standard Specification Section 212-2.1.4 to read: "All rubber gasket PVC pipe, couplings, and fittings shall conform to ASTM D 2241 Type 1, Grade 1, 2000-PSI design stress", and add the following to the section: "Couplings and fittings shall be as approved by the pipe manufacturer. Ring-type rubber gasket couplings shall permit a five (5) degree deflection of the pipe at each coupling (2-1/2 degree each side) without extrusion or infiltration, cracking or breaking."
D. Asbestos Cement Pipe:
Add the following to Standard Specifications Section 212-2.1.6: Fittings for A.C.P. connection laterals shall be cast iron tees and bonded couplings except as follows:
(1) Double strap service clamps with rubber seals and flat bronze straps may be used for connections of 50 percent or less than the diameter of pipe.

(2) Tapped A.C.P. couplings with brass inserts may be used for connections of 3/4, 1, 1-1/4, 1-1/2 and 2 inches.

2.03 VALVES AND VALVE BOXES:
A. Manual Control Valves:
Add the following to Standard Specifications Section 212-2.2.3: Actuator-type valves shall be all newly wrapped with wet bur-type replaceable seating members and an approved vacuum breaker as an integral part of assembly.
B. Remote Control Valves:
Add the following to Standard Specifications Section 212-2.2.4: Valves shall be spring-loaded, self-closing, self-locking, diaphragm actuated, of a normally closed type. Valves shall be of the same manufacturer and series as the automatic controller.
Valve solenoid shall be corrosion-proof and constructed of stainless steel welded in epoxy to form one integral unit, and shall be 24 volt A.C., 2.0 watt maximum (2" and smaller valves).
Valve shall close against flow without chatter and with minimum closing surge pressure (minimum 5 seconds closing time per valve).
Valve shall be completely serviceable in the field without removing valve body from line.
C. Quick-Coupling Valves:
Add the following to Standard Specifications Section 212-2.6: Quick coupling valves shall have locking vinyl cover and shall be 1" in size.
All gate valves shall be capable of withstanding a minimum working pressure of not less than 150 psi.
E. Valve Boxes:
Add the following to Standard Specifications Section 212-2.2.7: All remote control valve boxes shall be rectangular concrete boxes with non-hinged locking cast-iron covers. Valve station number shall be stenciled in two-inch-high (2") numerals on cover using epoxy resin base paint of a contrasting color. Gate valve boxes shall be reinforced concrete boxes with non-hinged locking cast iron covers marked either "Gate Valve" or "G. V." with letters cast or tooled in the cover.

2.04 BACKFLOW PREVENTER:
Add the following to Standard Specifications Section 212-2.3: The backflow prevention unit shall be a reduced pressure type vacuum breaker of the size, manufacturer, and model number as indicated on the drawings. If not indicated, the device shall be the same size as the water service and the manufacturer and model number shall be as approved by the City.

2.05 ELECTRICAL MATERIALS
A. Conduit:
Amend Standard Specifications Section 212-2.2.1 to read: Conduit below paving shall be schedule 40 PVC of sufficient size to carry all required wiring. Wiring shall be in a separate gutter.
B. Wire:
Add the following to Standard Specifications Section 212-3.2.2: All common wire shall be white with a colored stripe. Stripe color shall be different for each controller installed. All control wire shall be of one color other than white or green. A different color control wire shall be used for each controller installed.
C. Electrical Service:
Materials for electrical service shall comply with the standard specifications, governing utility agency standards, and requirements of all applicable codes.

2.06 CONTROLLER UNIT:
Add the following to Standard Specifications Section 212-3.3: Controllers shall be well mounted type, as indicated on the drawings, with a heavy duty weatherproof case and locking type cover.
B. Plastic Pipe:
Add the following to Standard Specifications Section 308-5.2.3:
(1) Exercise care in handling, loading, unloading and storing plastic pipe and fittings, store plastic pipe and fittings under cover until ready to install; transport plastic pipe on a vehicle with a bed long enough to allow pipe to lay flat, avoid undue bending and any concentrated external load.
(2) 360° applicators shall be used to apply primer and solvent on pipe sizes 2-1/2 inches and larger.

2.07 IRRIGATION HEADS:
All irrigation heads shall be as shown on the plans and shall conform with Section 212-2.4 of the Standard Specifications.

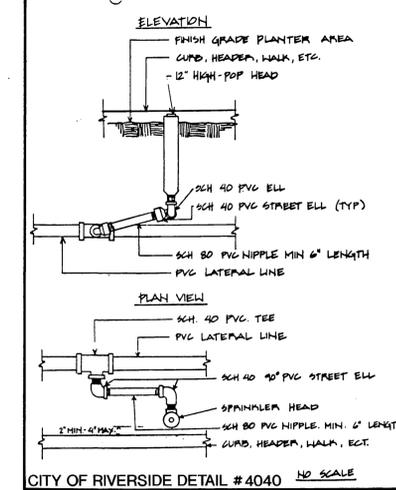
PART 3 - EXECUTION
3.01 GENERAL:
All work shall conform with Section 308 of the Standard Specifications except as modified herein. No work of this section shall be started until the Contractor shall commence prior to the completion and acceptance of all grading work specified in Section 308-5.1.
A. Water Supply:
Connections to or the installation of the water supply shall be at the locations shown on the drawings. Minor changes in location at actual site conditions shall be made at no additional cost to the City.
B. Electrical Service:
Contractor shall provide electrical service as necessary and make 120V connection to the irrigation controllers.
C. Code Requirements:
Prior to all work of this section, carefully inspect the installed work of all other trades and verify that all such work is complete to the point where this installation may properly commence. Verify that irrigation system may be installed in strict accordance with all pertinent codes and regulations, the original design, the referenced standards, and the manufacturer's recommendations.
In the event any equipment or methods indicated on the drawings or in specifications is in conflict with local codes, immediately notify the Inspector prior to installing. If this notification is not provided, the Contractor shall assume full responsibility for the cost of all revisions necessary to comply with code.
D. Grades:
Before starting work of this section, the contractor shall obtain the written acceptance of the City of the final grades, and written authorization for the work of this section proceed. Contractor shall keep within the specified material depths with respect to finished grade. Failure to obtain such written acceptance may subject the contractor to adjusting the grades or depth of lines in order to achieve acceptable depths of cover, all as directed by the City and at no additional cost to the City.
E. Coordination with work of other trades:
Make all necessary measurements in the field to ensure precise fit of line. In accordance with the original design, Contractor shall coordinate the installation of all irrigation materials with all other work. Special attention shall be given to coordination of piping locations versus tree and shrub locations and sleeve locations versus pavement installation to avoid conflicts.
F. Contractor shall maintain record drawing blueprint on site at all times upon completion of this section. All changes and dimensions to reproducible copies shall be recorded in a legible and workmanlike manner, to the satisfaction of the Park Projects Inspector.

3.02 TRENCHING AND BACKFILLING:
A. Trenching:
Add the following to Standard Specifications Section 308-2.2: Dig trenches and support pipe continuously to bottom of ditch where lines occur under paved areas, depth dimensions shall be considered below subgrade.
(2) Amend Standard Specifications Section 308-2.2.2 to read: Water lines continuously pressurized - minimum 18 inches, maximum 24 inches. (These measurements are to be from subgrade elevation for piping under pavement.)
B. Backfill:
Amend Standard Specifications Section 308-2.2 to read: Backfill shall be uniformly tamped in 4-inch layers under and around the pipe for the full width of the trench and the full length of the pipe. Materials shall be sufficiently damp to permit thorough compaction, free of voids. Backfill shall be compacted to dry density equal to adjacent undisturbed soil and shall conform to adjacent soil conditions.
Under no circumstances shall the wheels of any vehicle not designed for the purpose of soils compaction be used to compact backfill.
C. Pipe Installation:
A. General: Add the following to Standard Specifications Section 308-5.2.1:
(1) Piping under existing pavement may be installed by jacking, boring, or hydraulic driving. However, no hydraulic driving is permitted under asphaltic concrete pavement.
(2) Cutting or breaking of existing pavement is not permitted except as approved by Park Projects Inspector. When approved, all necessary repairs and replacements will be made at no additional cost to the City.
(3) Carefully inspect all pipe and fittings before installation, removing all dirt, scale and burrs and reaming; install pipe with all markings up for visual inspection and verification.
(4) Contractor shall install concrete thrust blocking per the manufacturer's recommendations at all changes of direction and terminal points of pressure pipe.
(5) Parallel lines shall not be installed directly over one another. Provide a minimum of 12" horizontal separation for all parallel lines.
(6) For plastic-to-metal connections, work the metal connections first. Use a non-hardening pipe dope on all threaded plastic-to-metal connections, except where noted otherwise.
(7) All piping under pavement shall be sleeved using schedule 40 PVC sleeves. Each line shall be separately sleeved.
(8) Do not install multiple assemblies ("manifold") on plastic lines. Provide each equipment assembly (e.g., A.C.V., quick coupler, gate valve, backflow device) with its own connection to its service line.
B. Plastic Pipe:
Add the following to Standard Specifications Section 308-5.2.3:
(1) Exercise care in handling, loading, unloading and storing plastic pipe and fittings, store plastic pipe and fittings under cover until ready to install; transport plastic pipe on a vehicle with a bed long enough to allow pipe to lay flat, avoid undue bending and any concentrated external load.
(2) 360° applicators shall be used to apply primer and solvent on pipe sizes 2-1/2 inches and larger.

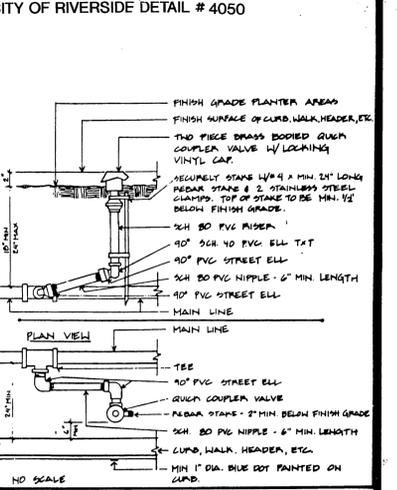
3.03 CONTROLLER INSTALLATION:
Add the following to Standard Specifications Section 308-5.3: Install backflow assembly at locations approved in the field by the Park Projects Inspector and at heights required by local codes.
3.04 VALVE AND VALVE BOX INSTALLATION:
Amend Standard Specifications Section 308-5.3 to read: Valves shall be the same size as the pipeline in which they are installed unless otherwise specified on plans. Valves shall be installed minimum of three feet horizontal distance apart, each with its own connection to the pressure main line.
Amend Standard Specifications Section 308-5.3 to read: Install quick couplers and valve boxes per Parks and Recreation Department detail.
Add the following to Standard Specifications Section 308-5.3: Valves shall be installed in shrub areas whenever possible. No valves or valve boxes shall be installed within a designated athletic playing field.
3.05 SPRINKLER HEAD INSTALLATION:
Amend Standard Specifications Section 308-5.4.1 to read: Sprinkler heads shall be installed as designated on the drawings and per Parks and Recreation standard details.
3.07 CONTROLLER INSTALLATION:
Add the following to Standard Specifications Section 308-5.3: The controller location, as shown on the plans, is diagrammatic. The final location of the controller shall be as approved by the Park Projects Inspector before installation. The Contractor shall coordinate the electrical service with this location. The controller shall be well mounted within a lock-vandal resistant enclosure, unless noted otherwise on the plan. Controller enclosure shall be located in shrub areas and/or adjacent to other landscape items. Enclosure shall be painted with two coats of paint, color as approved; submit samples. A 4" thick concrete slab for maintenance access shall be provided, size approximately 15 sq. ft., line, grade and dimensions as directed by the Park Projects Inspector.
Following establishment of the turf, the irrigation system shall be programmed to operate during the periods of minimal use of the project area (i.e., 11:00 p.m. through 6:00 a.m.).
3.08 WIRING:
Add the following to Standard Specifications Section 308-5.5: All splice connections shall occur in a valve box. All wire runs within the valve and the controller shall be a continuous run with no splices unless noted otherwise on the plan.
All low voltage wiring splices shall be made up as soldered connections, wrapped with a minimum of two (2) layers of electrical tape and sealed with Scotch tape. Use of Unipacs, Penn-ties, or other similar type connectors are not acceptable.
3.09 FINISHING AND TESTING:
Add the following to Standard Specifications Section 308-5.6.2: Centerload all plastic pipe prior to pressure testing. Amend Standard Specifications Section 308-5.6.2 to read: The entire system shall be operating properly before any planting operations commence.
3.10 COMPLETION CLEANING:
Add the following to Standard Specifications Section 308: Upon completion of the work, Contractor shall smooth all ground surfaces, remove excess materials, rubbish, debris, etc., sweep adjacent streets, curbs, gutters, walkways and trails, and remove construction equipment from the premises.

END OF SECTION

DEPARTMENT	SIGNATURE	DATE
PLANNING	<i>P. M. ...</i>	6-20-91
PARK AND RECREATION	<i>M. ...</i>	7-3-91
PUBLIC UTILITIES-ELECTRIC		

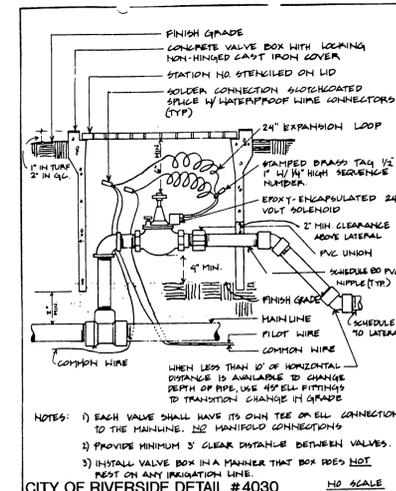


CITY OF RIVERSIDE DETAIL #4040 NO SCALE

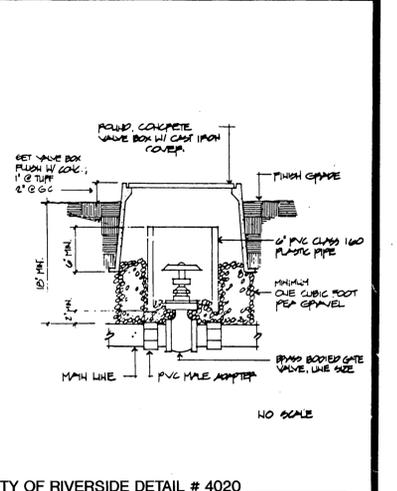


CITY OF RIVERSIDE DETAIL #4050 NO SCALE

A- SPRAY HEAD B- QUICK COUPLER

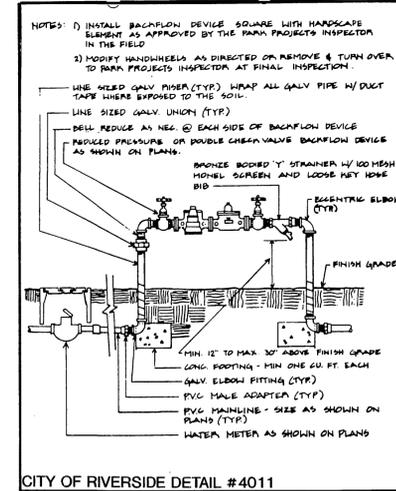


CITY OF RIVERSIDE DETAIL #4030 NO SCALE

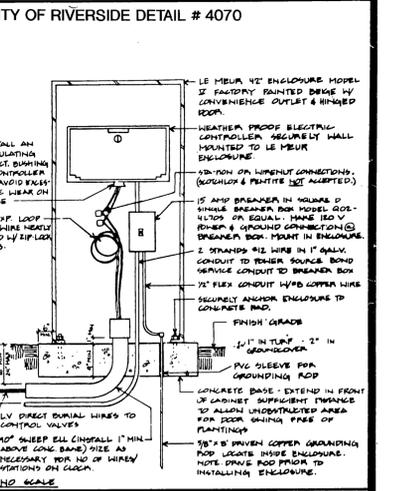


CITY OF RIVERSIDE DETAIL #4020 NO SCALE

C- CONTROL VALVE D- GATE VALVE



CITY OF RIVERSIDE DETAIL #4010 NO SCALE



CITY OF RIVERSIDE DETAIL #4070 NO SCALE

E- BACKFLOW PREVENTER F- CONTROLLER

TRACT # 25350
LANDSCAPE PLANS FOR PACIFIC SCENE INC. REDLANDS CA.

Randolph Hlubik Associates, Inc.
Landscape Architecture • Planning

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* DATE: 8/29/91
CHIEF P. W. ENGINEER

DESIGNED BY: *[Signature]* DRAWN BY: *[Signature]* CHECKED BY: *[Signature]*

TRACT 25350
PARKWAY LANDSCAPE PLANS
ALESSANDRO BLVD

ACCOUNT NO. 90137
R #3181-L
IRRIGATION DETAILS
SHEET 3 OF 5

HORIZ. SCALE: 1" = N/A VERT. SCALE: 1" =

INDEXED 9-20-91

