

**BUBBLER PIPING CHART**

- 1-5 BUBBLERS - 1/2" PIPE
- 6-10 BUBBLERS - 3/4" PIPE
- 11-20 BUBBLERS - 1" PIPE
- 21-30 BUBBLERS - 1 1/4" PIPE
- 31-40 BUBBLERS - 1 1/2" PIPE

**IRRIGATION LEGEND**

- WEATHERMATIC LX-4 POP-UP LAWN HEAD
- WEATHERMATIC LX-12 POP-UP SHRUB HEAD
- WEATHERMATIC TURBO ROTARY FC
- WEATHERMATIC TURBO ROTARY PC
- ⊗ 100.5 BUBBLER (2 PER TREE)
- ⊗ WEATHERMATIC 11000 SERIES ELECTRIC VALVE
- ▲ WEATHERMATIC V076R QUICK COUPLER
- CONTROLLER, SIZE AS INDICATED
- ⊕ WATER METER, SIZE AS INDICATED
- ⊕ D.C.A., SIZE AS INDICATED
- PVC CLASS 200 LATERAL LINE
- - - PVC CLASS 200 MAINLINE
- - - PVC SCHEDULE 40 SLEEVING
- ⊕ VALVE SIZE
- GPM

**SLEEVING NOTES**

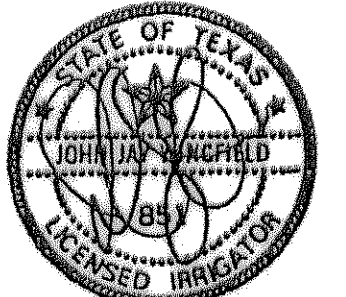
1. Contractor shall lay sleeves and conduits at twenty-four (24) inches below finish grade of the top of pavement.
2. Contractor shall extend sleeves one (1) foot beyond edge of all pavement.
3. Contractor shall cap pipe ends using PVC caps.
4. All sleeves shall be Schedule 40 PVC pipe.
5. Contractor shall furnish Owner and Irrigation Contractor with an 'as-built' drawing showing all sleeve locations.

**IRRIGATION NOTES**

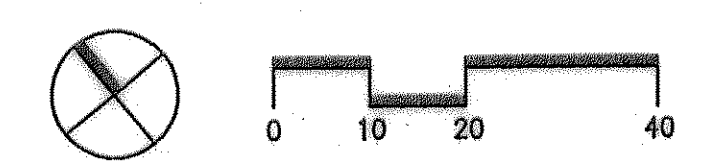
1. All sprinkler equipment numbers reference the Weathermatic equipment catalog unless otherwise indicated.
2. LAWN SPRAY HEADS are LX-4 installed as per detail shown.
3. SHRUB SPRAY HEADS are LX-12 installed as per detail shown.
4. ELECTRIC CONTROL VALVES shall be #1000 CR installed per detail shown. Size valves as shown on plan. 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 #V076R installed per detail shown. Swing joints shall be constructed using 3/4" Schedule 80 elbows. Contractor shall supply owner with three (3) #3075 couplers and three (3) #10 swirl hose ends as part of this contract.
6. AUTOMATIC CONTROLLER shall be installed at location shown. Power (120V) shall be located in a junction box within five (5) feet 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. Size as indicated on plan.
9. Ten days prior to start of construction, Landscape or Irrigation Contractor shall verify static water pressure. If static pressure is less than 50 P.S.I., do not work until notified to do so by Owner.
10. All main line and lateral piping to a minimum of 12 inches of cover. All piping under paving shall have a minimum of 18" 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 shall be Weathermatic 5500 Series. All nozzles in parking lot islands and planting beds shall be low angle to minimize over spray on pavement surfaces. No water will be allowed to spray on building.

AS BUILT  
DATE 03-03-04

JAW  
AS BUILT



**SMR**  
landscape architects, inc.  
1708 N. Griffin Street  
Dallas, Texas 75202  
Tel 214.871.0093  
Fax 214.871.0545  
Email smr@smr-la.com



2	09/18/03	ISSUE FOR CONSTRUCTION
1	4/09/03	SITE PLAN CHANGES
REV.	DATE	REMARKS

**IRRIGATION PLAN**

LOT 7R, BLOCK A						
HORIZON RIDGE ADDITION						
THE CITY OF ROCKWALL, TEXAS						
LAWRENCE A. CATES & ASSOC., INC.			CONSULTING ENGINEERS			
14200 MIDWAY ROAD, SUITE 122			(972) 385-2272			
DALLAS, TEXAS			DALLAS, TEXAS			
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JJW	JJW	03/14	1"=20'			L2.01

1 1/2" WATER METER (IRRIGATION ONLY) BY G.C.  
VERIFY SIZE AND LOCATION  
1 1/2" BACKFLOW PREVENTER PER CITY CODE BY L.I.C.

LOT 6, BLOCK A  
0.7998 ACRES

LOT 3, BLOCK A  
5.1260 ACRES

SOUTHTRUST BANK  
F.F. 557.00

LOT 1, BLOCK A  
MIKE CARSON ADD'N  
CAB. D PG. 211

LOT 8R, BLOCK A  
1.148 ACRES