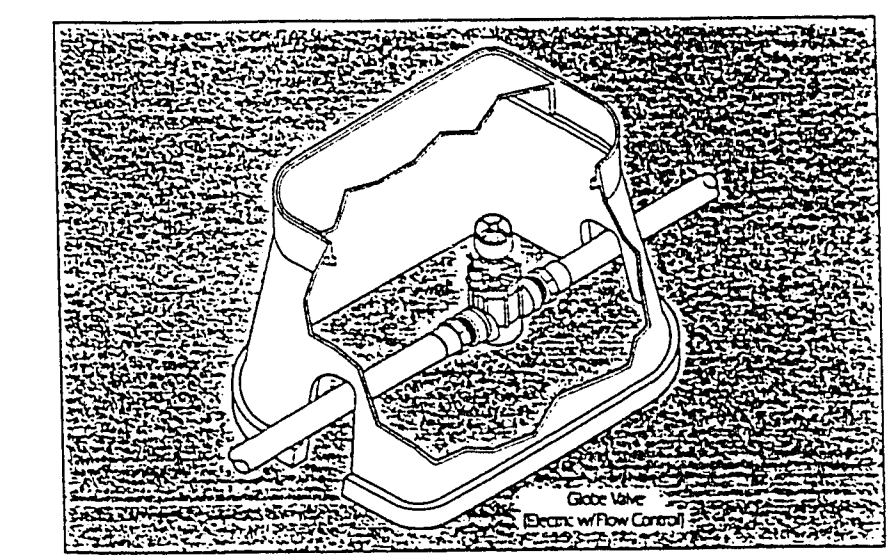


BUBBLER HEAD DETAIL
N.T.S.

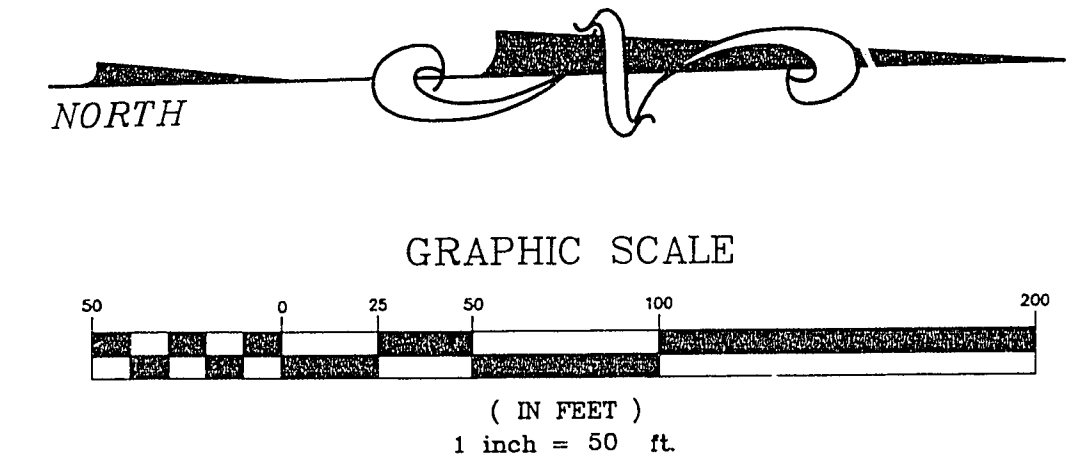


VALVE INSTALLATION DETAIL
N.T.S.

NOTE: LOCATION OF ELEC. VALVES, METER & B.F.P.D. SHOWN IS SCHEMATIC - ACTUAL LOCATION SHALL BE BEHIND CURB IN LANDSCAPE AREA.

- LEGEND**
- 3/4" CL. 200 (SDR 21) PVC PIPE-1/2" UNLESS OTHERWISE NOTED
 - SCH. 40 PVC SLEEVE
 - ⊙ BACKFLOW PREVENTION DEVICE (FEBCO MODEL 805Y)
 - 1" WATER METER
 - FLOOD BUBBLER HEAD (TORO 514-20, ADJUST FLOW TO 1 GPM MAX.)
 - ⊗ ELECTRIC VALVE (TORO SERIES 216-26-04)
 - ⊗ 12STATION CONTROLLER (TORO 132-06-01)
 - ⊕ QUICK-COUPLER VALVE AS SPECIFIED
- | | | |
|-------------|---|-------------|
| PIPE SIZE | - | SLEEVE SIZE |
| 1/2" | - | 1" |
| 3/4" | - | 1-1/4" |
| 1" & 1-1/4" | - | 2" |
| 1-1/2" | - | 3" |

- NOTES:**
- PLACE 1/2" AUTOMATIC DRAIN VALVE (RANBRO 16AP OR EQUAL) AT END OF EACH LATERAL LINE IN A GRAVEL (1"-2") DRAIN BED; PLACE 12" FROM END IF SPRINKLER HEAD IS LOCATED AT END.
 - PERFORM PRESSURE TEST AT THE POINT OF CONNECTION TO CITY MAIN PRIOR TO INSTALLATION. IF LESS THAN 50 PSI CONTACT LANDSCAPE ARCHITECT PRIOR TO PROCEEDING.
 - EXACT LOCATION OF PIPE IS SCHEMATIC; IT IS INTENDED THAT ALL LINES (INCLUDING MAIN LINE) BE LOCATED IN PLANTING OR TURF AREAS BEHIND THE CURB OR WALK WHEN POSSIBLE.
 - MAIN LINES SHALL HAVE A MINIMUM OF 18" COVER; LATERAL LINES A MINIMUM OF 12".
 - ALL ELECTRIC VALVE LOCATIONS SHALL BE FURNISHED WITH A 12" x 17" PLASTIC VALVE BOX.
 - ALL WIRE SHALL BE UL-UP #12 GAUGE SINGLE STRAND, SOLID COPPER WIRE. WIRE SPLICES SHALL BE LOCATED ONLY IN VALVE BOXES.



Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)
AHEAD cutting underground utility lines. It's costly.

NO. DATE REVISION DESCRIPTION		SHEET TITLE SHOPPING CENTER IRRIGATION PLAN	PROJECT TITLE CHARLESTON COMMONS NELLIS AND CHARLESTON
DATE:		PROJECT TITLE CHARLESTON COMMONS NELLIS AND CHARLESTON	
SHEET TITLE SHOPPING CENTER IRRIGATION PLAN		PROJECT TITLE CHARLESTON COMMONS NELLIS AND CHARLESTON	
DUNAWAY ASSOCIATES WEST INC ENGINEERS LANDSCAPE ARCHITECTS PLANNERS FORT WORTH, TX PHOENIX, AZ		4500 S. LAKESHORE DRIVE SUITE 215 TEMPE, ARIZONA 85282 (602) 345-0383 FAX (602) 491-2581	
JOB NO. 8921900		DESIGN BY: C.L.R.	
CHECKED BY: C.D.U.		DATE: APR 90	
SCALE: 1" = 50'		SHEET 5A OF 10 SHEETS	

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