

─ VALVE BOX

FINISH GRADE

6" LAYER OF WASHED GRAVEL

ELECTRIC VALVE AND BOX

MAINLINE, LATERA

AND WIRING IN THE SAME TRENCH

11-28-07 SLK

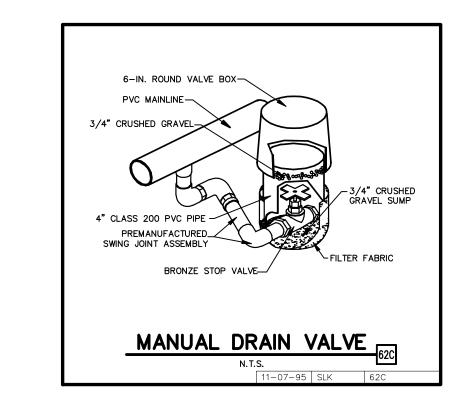
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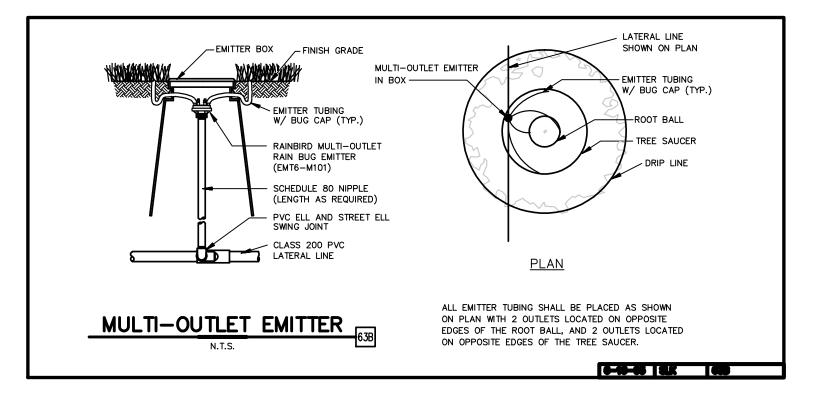
SECTION VIEW

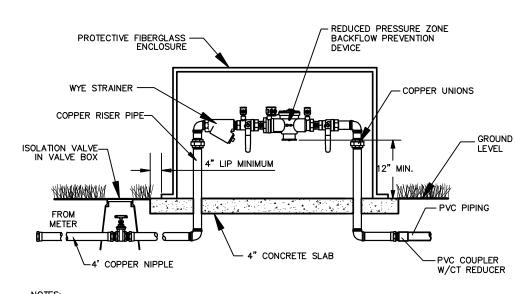
ALL SOLVENT WELD PLASTIC

PIPE AND WIRE TRENCHING

PIPING TO BE SNAKED IN TRENCH AS SHOWN.



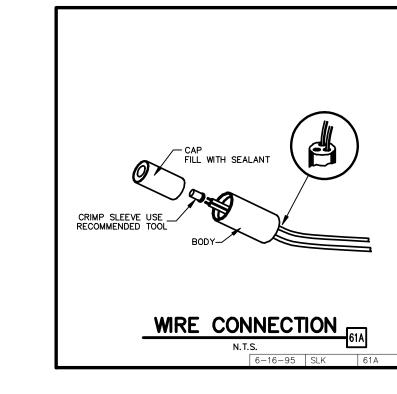


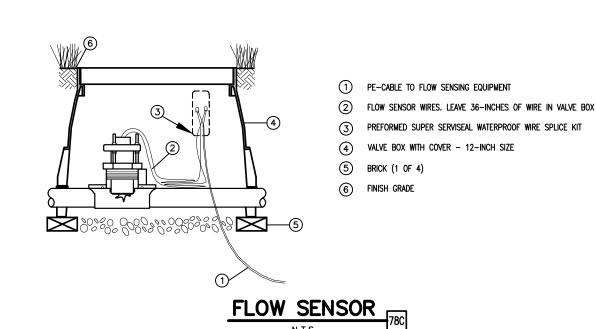


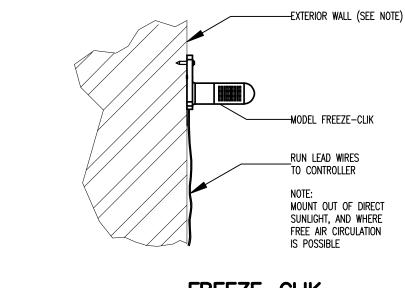
NOTES:
1. PROTECTIVE FIBERGLASS ENCLOSURE SHALL BE LOCKABLE WITH FLIP-TOP ACCESS AND PAD-MOUNTED.

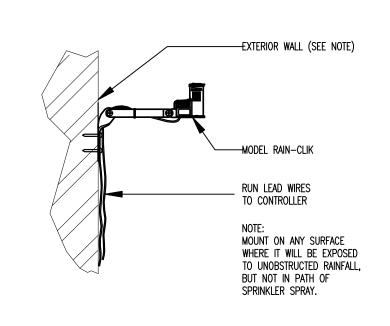
- 2. PROTECTIVE ENCLOSURES SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- 3. CHECK WITH LOCAL CODES FOR CLEARANCE REQUIREMENTS.

REDUCED PRESSURE BACKFLOW PREVENTER









—FINISH GRADE

POP-UP IRRIGATION HEAD

- POP-UP IRRIGATION HEAD

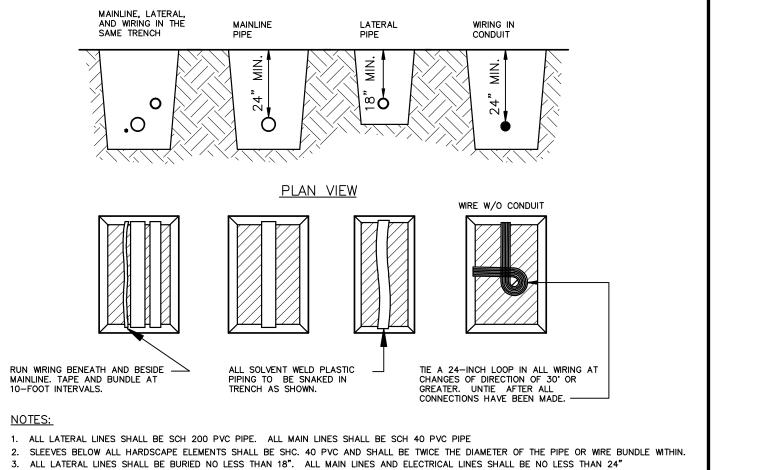
-PVC 1/2" THREADED TEE

PVC LATERAL LINE

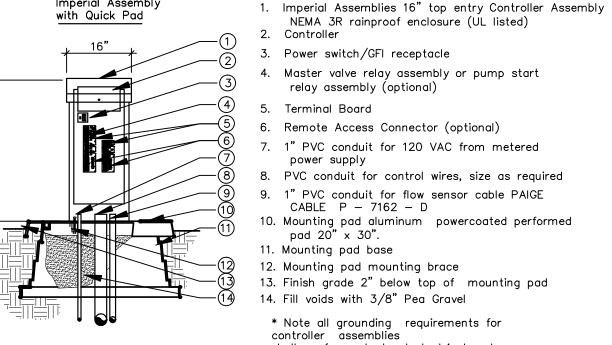
FREEZE-CLIK

RAIN CLIK

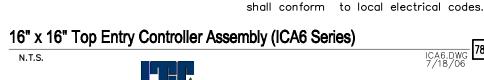
RAIN/FREEZE SENSORS

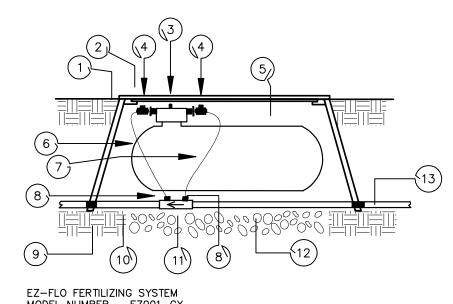


WIRE W/O CONDUIT



IMPERIAL TECHNICAL SERVICES





MODEL NUMBER - EZ001-CX 1.5 GALLON CAPACITY
NOT TO SCALE EZ-FLO FERTILIZING SYSTEM 1 - FINISHED GRADE 2 - VALVE BOX & COVER 17" L X 12"D X 11 3/4" W

3 - PROPORTIONING CAP WITH FEED ADJUSTMENT KNOB 4 - EZ-FLO SHUT OFF VALVES 5 - EZ-FLO MODEL EZ001-CX FERTILIZING SYSTEM 13" L X 8" D X 11" H

- 6 FERTILIZER OUT CONNECT CLEAR TUBE TO GREEN CONNECTIONS ON PROPORTIONING CAP AND COUPLING
- TUBE TO BLUE CONNECTIONS ON PROPORTIONING CAP AND COUPLING
- 8 1/4" TUBING CLAMP BOTH THE GREEN AND BLUE COUPLING TUBING CONNECTIONS 9 - APPROVED BACKFILL

7 - WATER IN - CONNECT BLACK

- 10 PVC MAIN LINE TO VALVE MANIFOLD
- 11 EZ COUPLING CONNECTOR —
 INSTALL ACCORDING TO WATER FLOW
 DIRECTION ARROW
- 12 PEA GRAVEL (1 CU. FT.) 13 - PVC MAIN LINE FROM BACK FLOW PREVENTER

ITEMS 3, 4, 5, 6, 7 AND 8 ARE INCLUDED WITH THE EZ-FLO SYSTEM. ITEM 11 IS PURCHASED

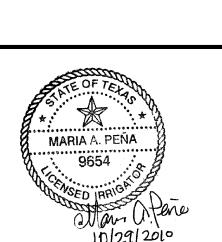
 \bigcirc 2005 EZ-FLO FERTILIZING SYSTEMS, INC.

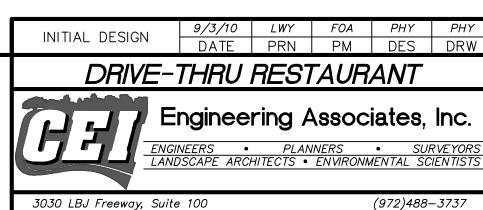
GENERAL IRRIGATION NOTES

A. IRRIGATION CONTRACTOR SHALL TEST EXISTING STATIC PRESSURE ON SITE PRIOR TO CONSTRUCTION. SHOULD EXISTING SITE PRESSURE BE BELOW 58# STATIC, CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.

B. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR INSTALLING MANUAL DRAIN VALVES AT LOWEST POSSIBLE ELEVATION ON IRRIGATION MAIN SO AS TO PROVIDE POSITIVE DRAINAGE OF IRRIGATION

- MAIN DURING WINTER MONTHS, OR PROVIDE BLOWOUT ASSEMBLY, INSTALLATION SHALL BE PER
- C. ALL LATERAL LINES SHALL BE EQUIPPED WITH AUTOMATIC DRAIN VALVES AT LOW POINTS PER
- IRRIGATION CONTRACTOR SHALL COORDINATE CONSTRUCTION OF IRRIGATION SYSTEM WITH GENERAL CONTRACTOR AND LANDSCAPE CONTRACTOR PRIOR TO COMMENCEMENT OF
- E. ALL IRRIGATION WIRE INSIDE A 3/4" PVC CONDUIT.
- F. PROVIDE 3/4" SCHEDULE 80 PVC BETWEEN IRRIGATION CONTROLLER AND HYDROMETER/FLOW.
- G. ALL SLEEVES NEED TO BE 4" SCHEDULE 40 PVC. SLEEVE SHALL ALLOW FOR IRRIGATION PIPING AND THEIR RELATED COUPLINGS TO EASILY SLIDE THROUGH SLEEVING MATERIAL. EXTEND SLEEVES 18" BEYOND EDGES OF PAVING OR CONSTRUCTION AREA.
- H. PROVIDE AN ADDITIONAL 4" SLEEVE BETWEEN ALL ISLANDS FOR FUTURE USE.
- I. ALL BELOW GRADE LOW VOLTAGE WIRING CONNECTIONS SHALL BE INSTALLED PER DETAIL 61A.
- J. DO NOT INSTALL IRRIGATION AT PYLON/MONUMENT SIGN LOCATION UNTIL SIGN HAS BEEN
- K. MINIMUM COVER FROM TOP OF PIPING TO FINISHED GRADE SHALL BE AS DESCRIBED IN THE LANDSCAPE IRRIGATION SECTION OF THE SITEWORK SPECIFICATIONS. IF SPECIFICATIONS AND/OR MANUFACTURER HAS NOT PUBLISHED SPECIFICATIONS FOR DEPTH COVERAGE OF PIPING, THE PIPING MUST BE INSTALLED TO PROVIDE MINIMUM DEPTH COVERAGE PER DETAIL 64B.
- L. ALL TRENCHES AND HOLES CREATED DURING INSTALLATION OF AN IRRIGATION SYSTEM MUST BE BACKFILLED AND COMPACTED TO THE ORIGINAL GRADE.
- M. THE MAXIMUM SPACING BETWEEN EMISSION DEVICES MUST NOT EXCEED THE MANUFACTURER'S
- N. UNSLEEVED PIPES MAY BE SHOWN UNDER PAVEMENT FOR GRAPHIC CLARITY ONLY. INSTALL THESE PIPES IN ADJACENT LANDSCAPE AREAS WHERE POSSIBLE.
- O. VALVES BOXES SHALL BE INSTALLED FLUSH WITH GRADE, SUPPORTED BY BRICKS IF NEEDED, WITH 3" OF CLEAN PEA GRAVEL LOCATED BELOW THE VALVE.
- P. ALL LATERAL LINE PIPING UNDER PAVING SHALL BE PVC SCH. 40 PIPE AND SHALL BE INSTALLED PRIOR TO ANY HARDSCAPE MATERIAL. IRRIGATION CONTRACTOR TO PROVIDE 4" DIA. PVC SLEEVES BETWEEN 12" AND 15" BELOW GRADE AT ALL DRIVE ENTRANCES AND SIDEWALKS.
- Q. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF FENCES, RETAINING WALLS, PLAY STRUCTURES AND UTILITIES. THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY HIS WORK. HE SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS THROUGH WALLS, UNDER ROADWAYS AND PAVING AND TIMING, ETC.
- R. ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED ON PLANS, SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS AND PER CITY/STATE CODE.
- S. THE LANDSCAPE TUBING IN PLANTING BEDS IS SHOWN DIAGRAMMATIC. CONTRACTOR CAN ROUTE PIPING (AVOIDING OBJECTS SUCH AS LIGHT POLES, TRANSFORMERS PADS, EQUIPMENT VAULTS, SUBSURFACE ROCK TOO LARGE TO REMOVE, ETC...) AS LONG AS ALL PLANT MATERIAL RECEIVES THE PROPER COVERAGE AND THE DRIP LINE DOES NOT EXCEED THE MAXIMUM DESIGN LENGTHS PER MANUFACTURER'S RECOMMENDATIONS.
- T. CONTRACTOR SHALL PROTECT EXISTING TREES FROM DAMAGE DURING INSTALLATION
- U. THE IRRIGATION PLANS ARE SCHEMATIC AND MAY BE EXAGGERATED. CONTRACTOR SHALL
- INSTALL PER MANUFACTURES SPECIFICATIONS AND PER CITY/STATE CODE.





(972)488-6732 Dallas, TX 75234 IRRIGATION NOTES AND DETAILS 10-29-1

L4 2:31 PM REV-0

RUN WIRING BENEATH AND BESIDE MAINLINE. TAPE AND BUNDLE AT 10-FOOT INTERVALS. 1. ALL LATERAL LINES SHALL BE SCH 200 PVC PIPE. ALL MAIN LINES SHALL BE SCH 40 PVC PIPE

TEE OR ELBOW -

ROCKWALL