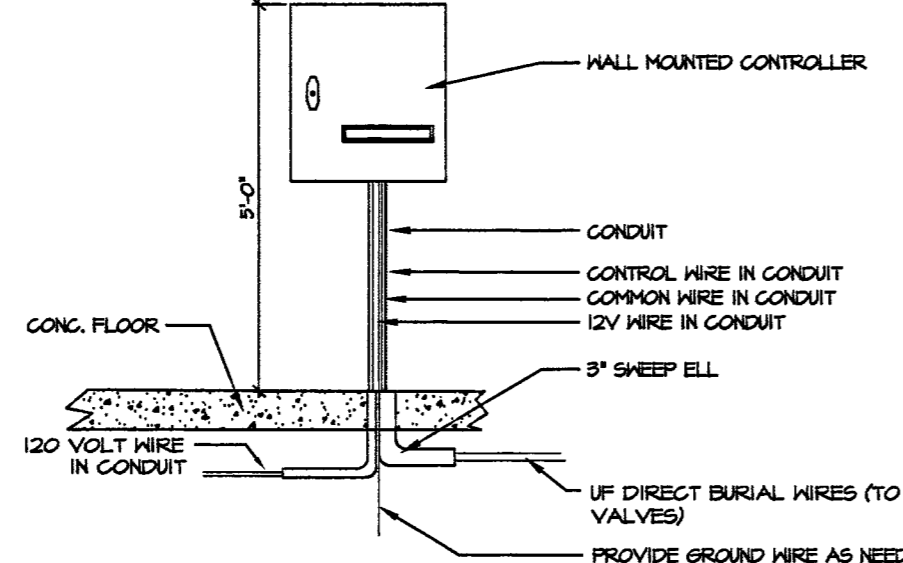
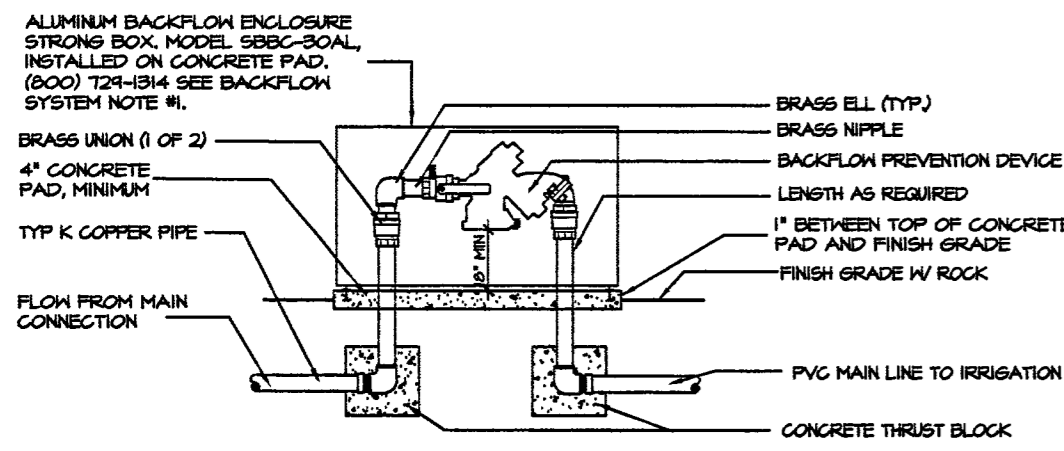


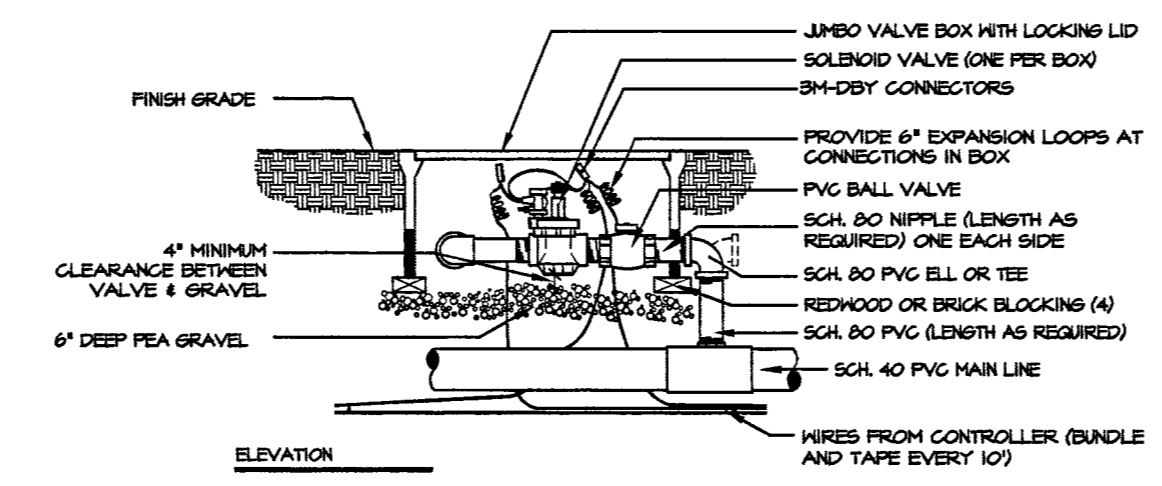
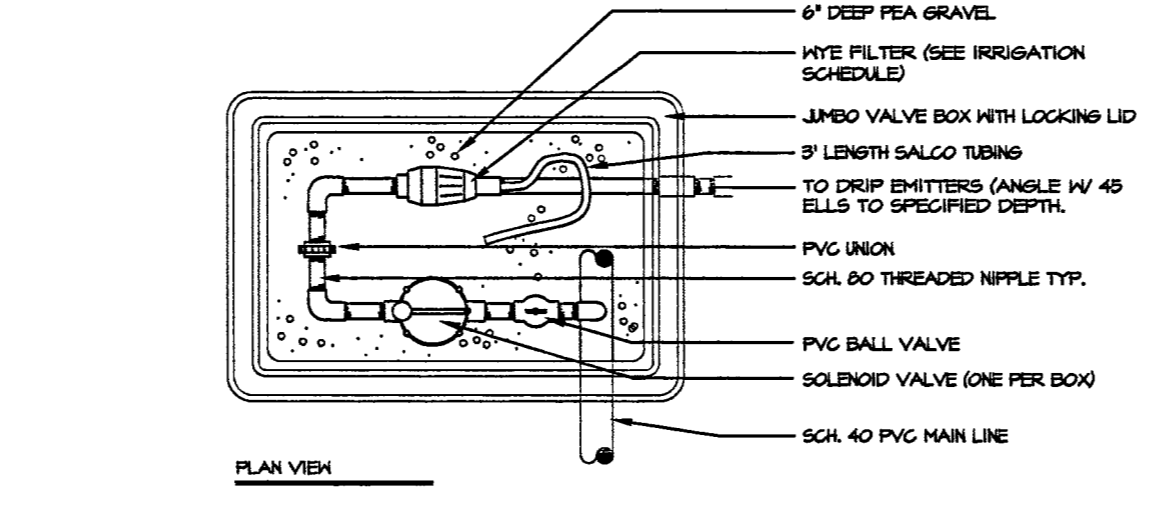
**BACKFLOW SYSTEM NOTES**

1. THE ENCLOSURE SHALL HAVE A MOUNTING LIP ON ONE END AND A LOCKING MECHANISM ON THE OTHER END. THE MOUNTING BASE SHALL BE SUBMERGED INTO THE CONCRETE A MINIMUM OF THREE (3) INCHES, AND POSITION THE ENCLOSURE TWO AND ONE HALF INCHES ABOVE THE CONCRETE FOR DRAINAGE PURPOSES. THE LOCKING MECHANISM SHALL BE OF THE FULL RELEASE TYPE WHICH ALLOWS FOR COMPLETE REMOVAL OF THE ENCLOSURE FROM ITS MOUNTING BASE WITHOUT THE USE OF TOOLS. THE HANDLE CONTROLLING THE LOCKING MECHANISM SHALL BE CONCEALED WITHIN THE SURFACE OF THE ENCLOSURE AND PROVIDE FOR EITHER A SINGLE OR DUAL PADLOCK SYSTEM. PROVIDE OWNER WITH FOUR (4) PADLOCKS & (4) KEYS.
2. FITTINGS AND PIPING TO BE SIZED IDENTICALLY WITH NOMINAL BACKFLOW PREVENTION DEVICE.

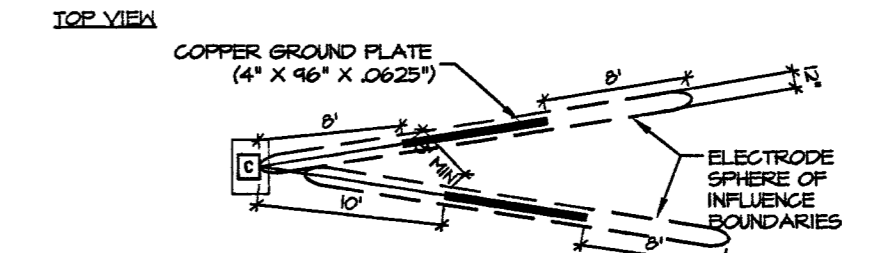
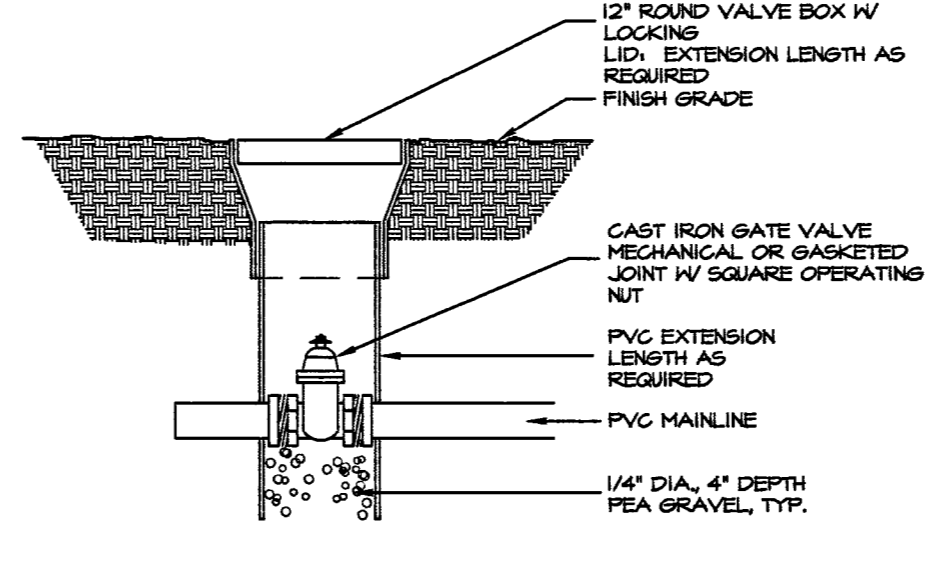


- NOTES:**
1. ALL WIRING TO BE INSTALLED AS PER LOCAL CODE AND MANUFACTURER'S SPECIFICATIONS.
  2. REFER TO SHEET L4.01 FOR CONTROLLER LOCATION AND FURTHER INFORMATION.

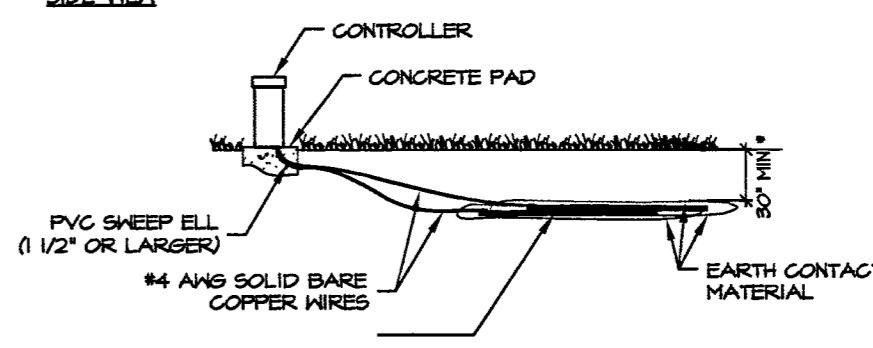
- NOTES:**
1. ALL WIRE TO BE INSTALLED AND SUPPLIED AS PER LOCAL CODE.
  2. CONTAIN ENTIRE ASSEMBLY WITHIN VALVE BOX.
  3. REFER TO SHEET L4.01 FOR VALVE IDENTIFICATION.



- NOTE:**
1. REFER TO SHEET L4.01 FOR VALVE IDENTIFICATION.



DO NOT INSTALL ANY OTHER WIRES OR CABLE WITHIN THE SPHERE OF INFLUENCE



**WALL MOUNT CONTROLLER**

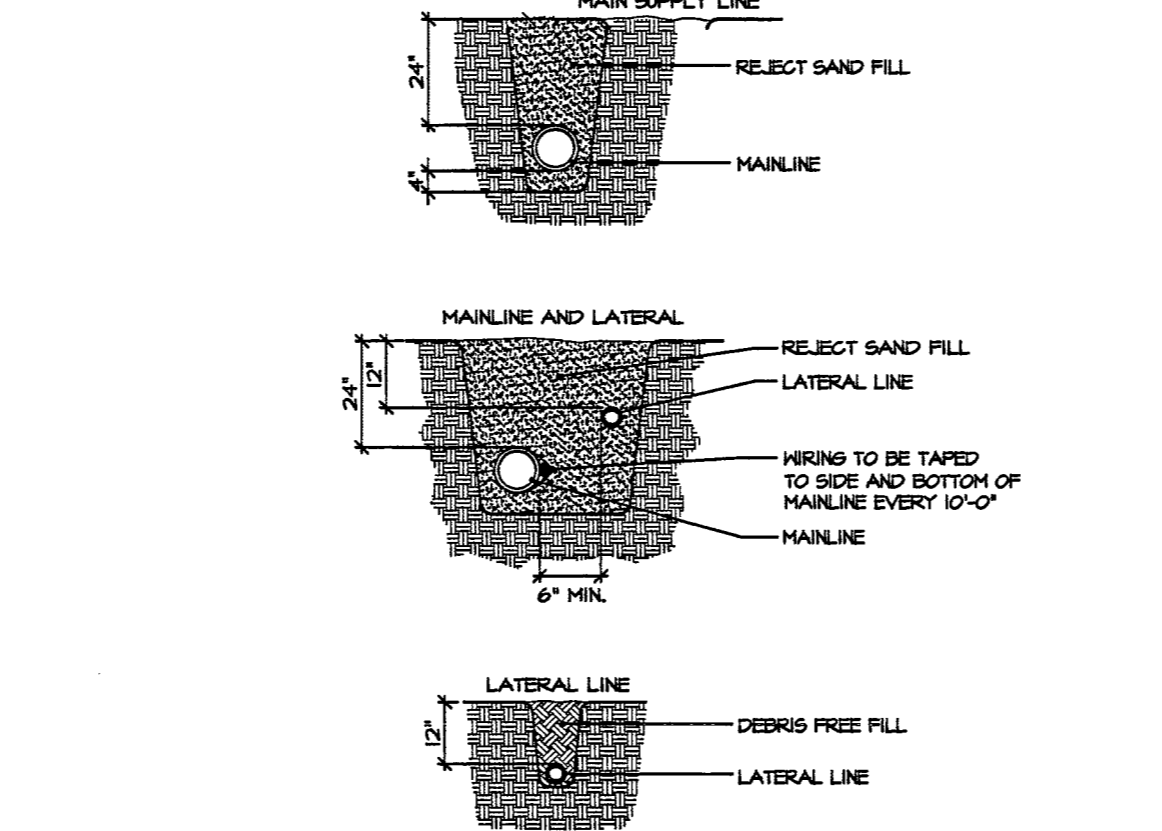
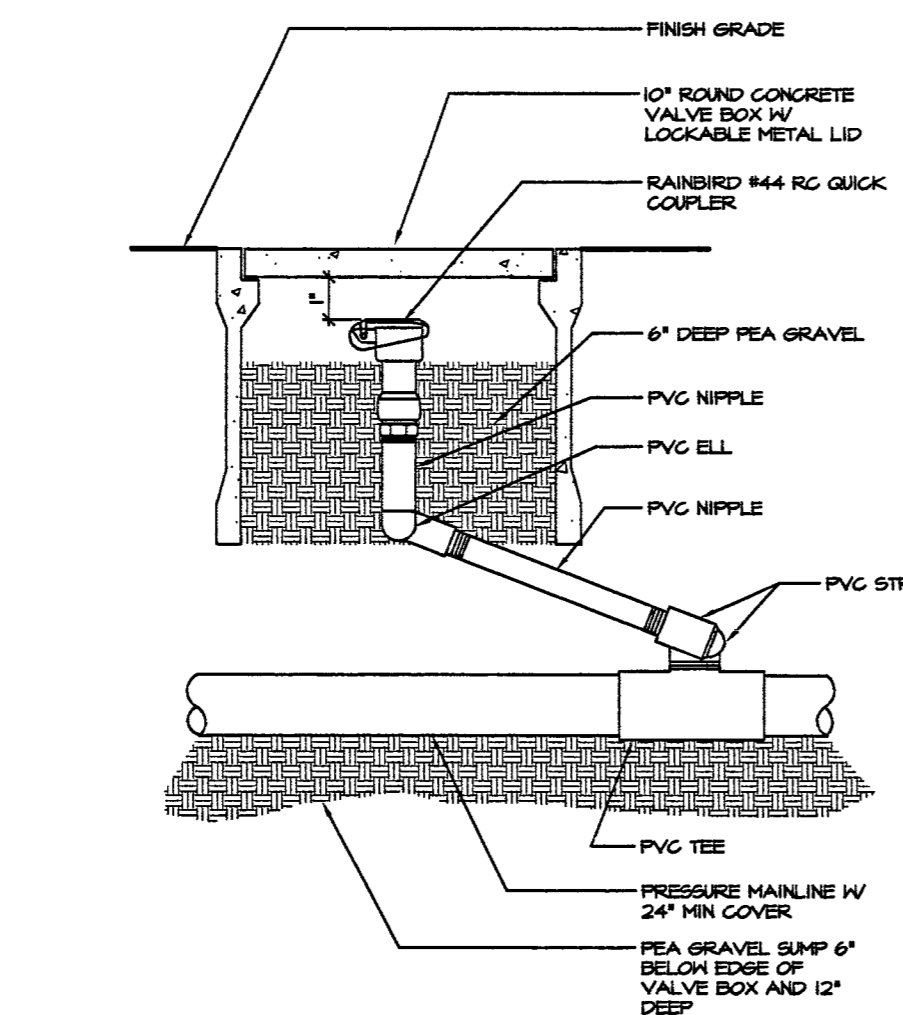
**SOLENOID VALVE (DRIP) W/ BALL VALVE**

**GATE VALVE**

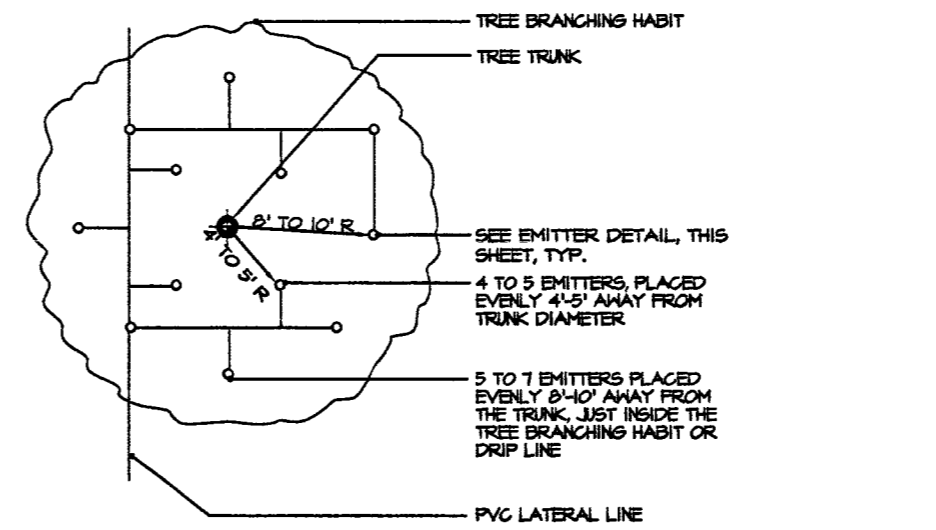
**GROUNDING DETAIL-UP TO 64 STATIONS**

**BACK FLOW PREVENTER W/ALUMINUM ENCLOSURE**

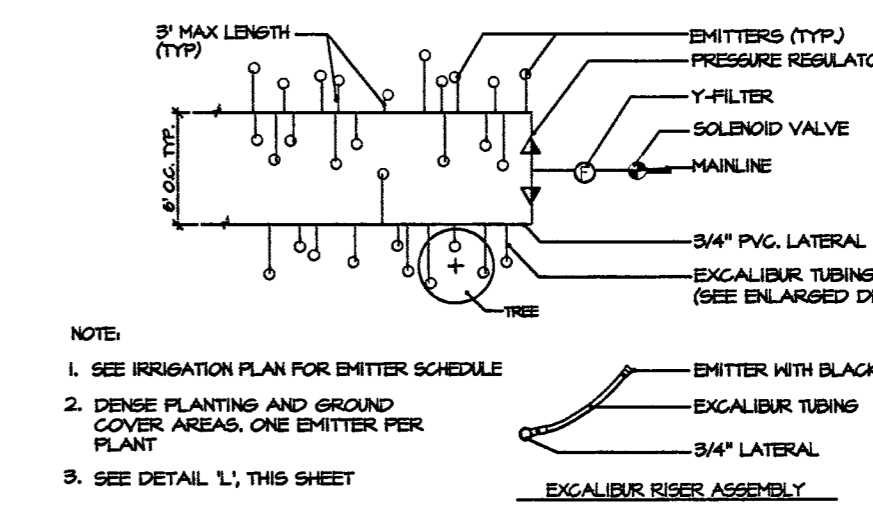
- NOTE:**
1. REFER TO SHEET L4.01 FOR VALVE IDENTIFICATION.



- NOTES:**
1. BUNDLE WIRING AND TAPE TO MAINLINE AT 10' INTERVALS.
  2. ALL 120 VOLT WIRING IN CONDUIT TO BE INSTALLED AS PER LOCAL CODES.
  3. ALL PVC PIPING TO BE SNAKED IN TRENCHES.
  4. REFER TO SHEET L4.01 FOR IRRIGATION SLEEVING AS NOTED WHEN NECESSARY.



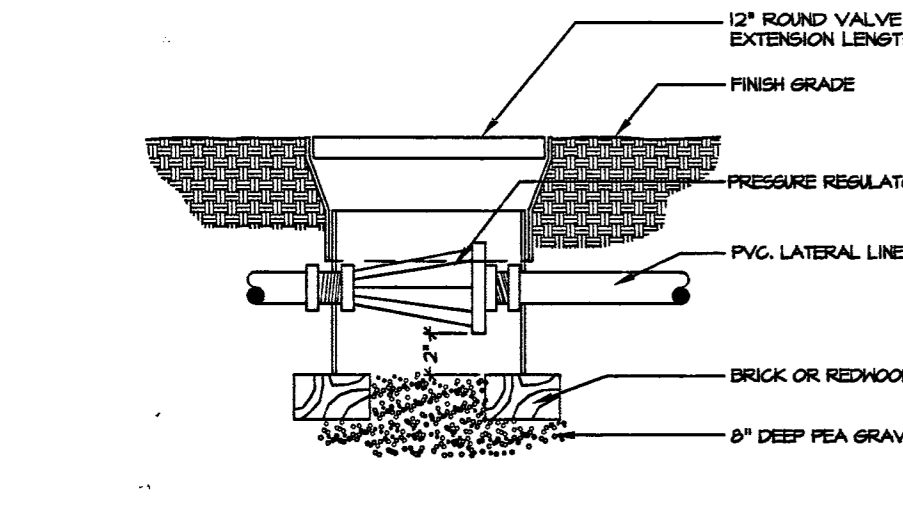
**EMITTER LAYOUT FOR NEW TREES**



- NOTE:**
1. SEE IRRIGATION PLAN FOR EMITTER SCHEDULE
  2. DENSE PLANTING AND GROUND COVER AREAS, ONE EMITTER PER PLANT
  3. SEE DETAIL 'L', THIS SHEET

**THREADED DRIP EMITTER LAYOUT**

- NOTE:**
1. REFER TO SHEET L4.01 FOR VALVE IDENTIFICATION.



**PRESSURE REGULATOR**

**QUICK COUPLER**

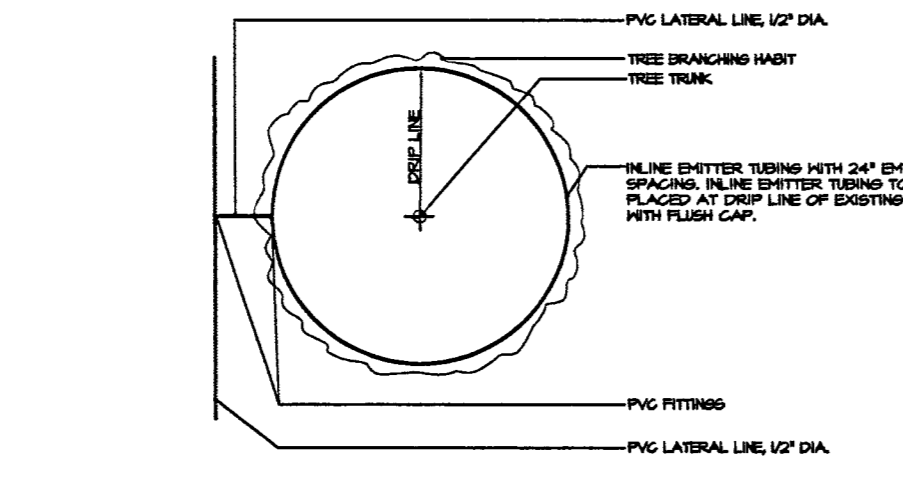
**TRENCHING DETAIL**

**EMITTER LAYOUT FOR NEW TREES**

**THREADED DRIP EMITTER LAYOUT**

- NOTE:** ON SLOPES PLACE THE EMITTER ON THE UPHILL SIDE OF THE PLANT.

**PLANT EMITTER**



**IRRIGATION LAYOUT FOR EXISTING TREE**

113248

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**IR - HEVY - ROOFING - DRINKING WATER**  
**USA CONSULTING ENGINEERS**  
PHONE: 702.363.9300

**STAGE LIGHTING & DESIGN -**  
**SCHEIDT LIGHTING DESIGN GROUP**  
PHONE: 88.261.2323

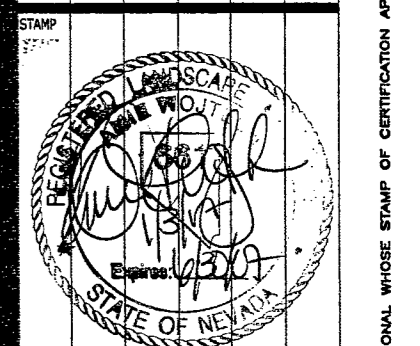
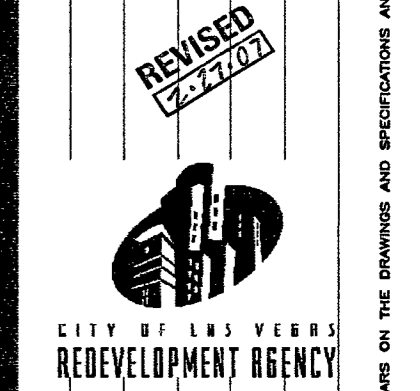
**LANDSCAPE -**  
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PHONE: 702.259.4991

**COST ESTIMATING -**  
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**LEVETT & BAILEY**  
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**ADA ACCESSIBILITY**  
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FIFTH STREET SCHOOL  
REHABILITATION  
BUILDING DEPARTMENT SUBMITTAL



OWNER: CITY OF LAS VEGAS  
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TDD: (702) 388-8108

DATE  
12/12/2006

SCALE  
INTS  
NO  
CLV/NO/NO

DATE  
12/12/2006

15.02

**JWZUNINO & ASSOCIATES**  
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