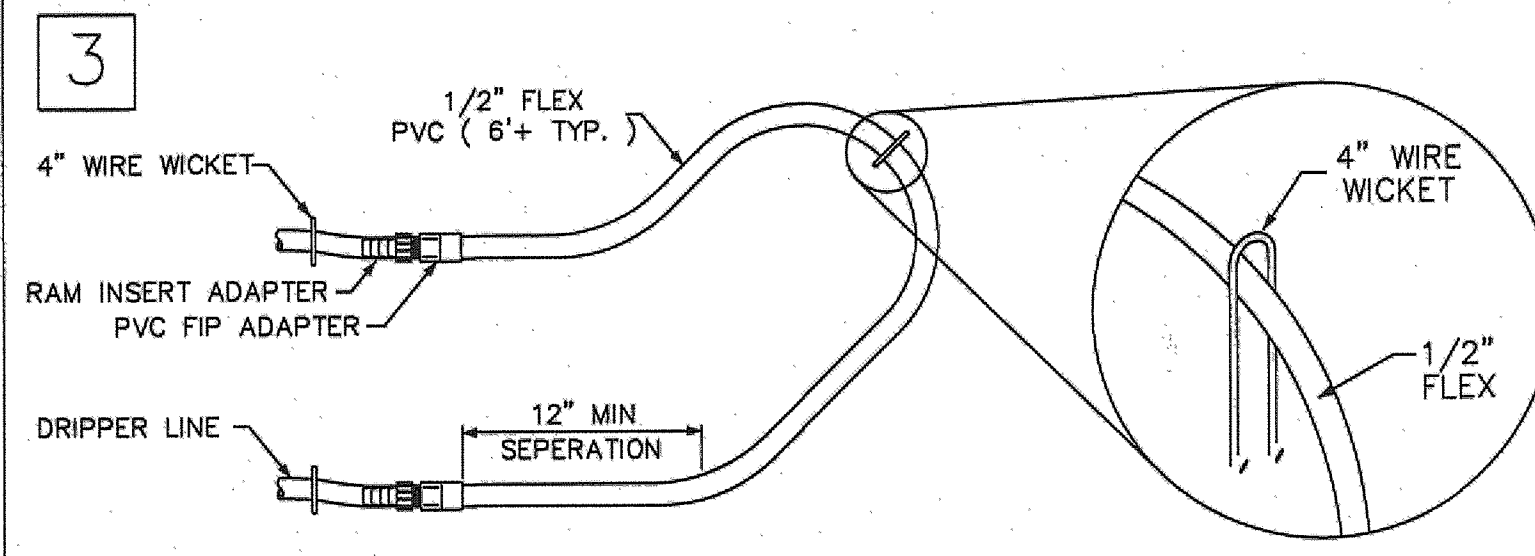
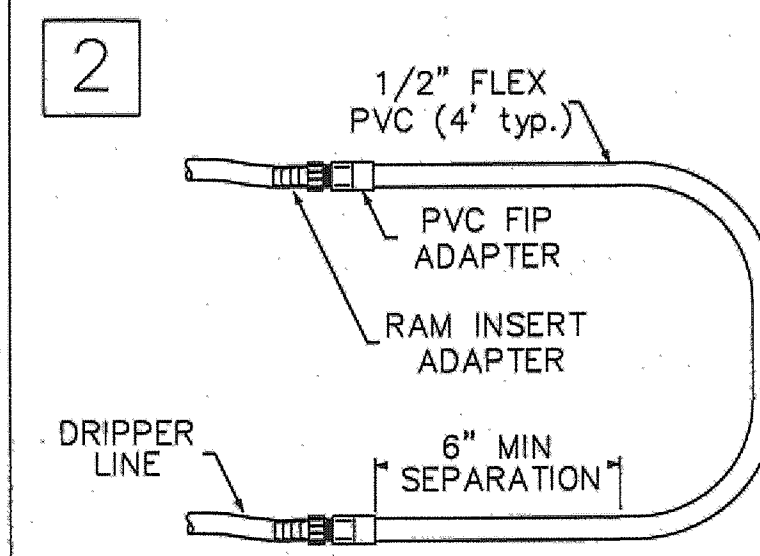
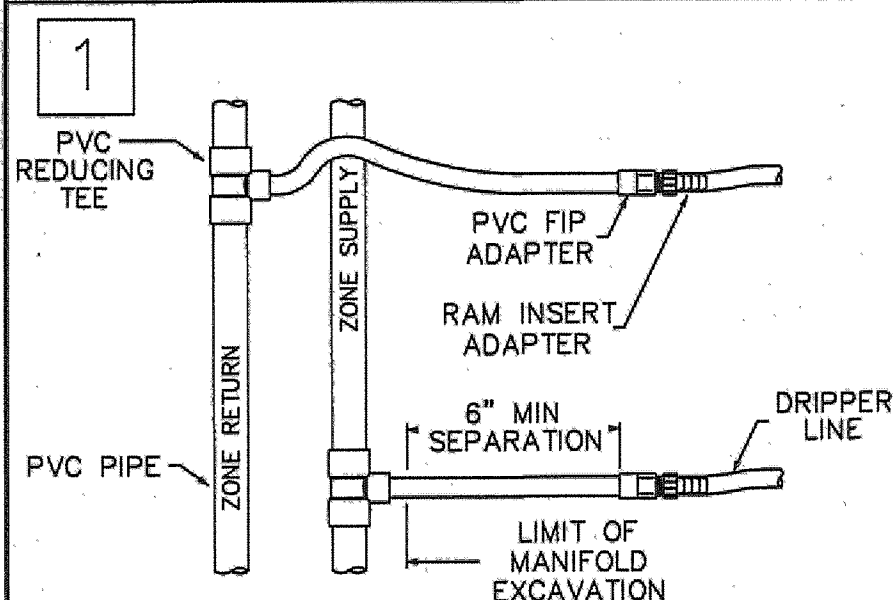
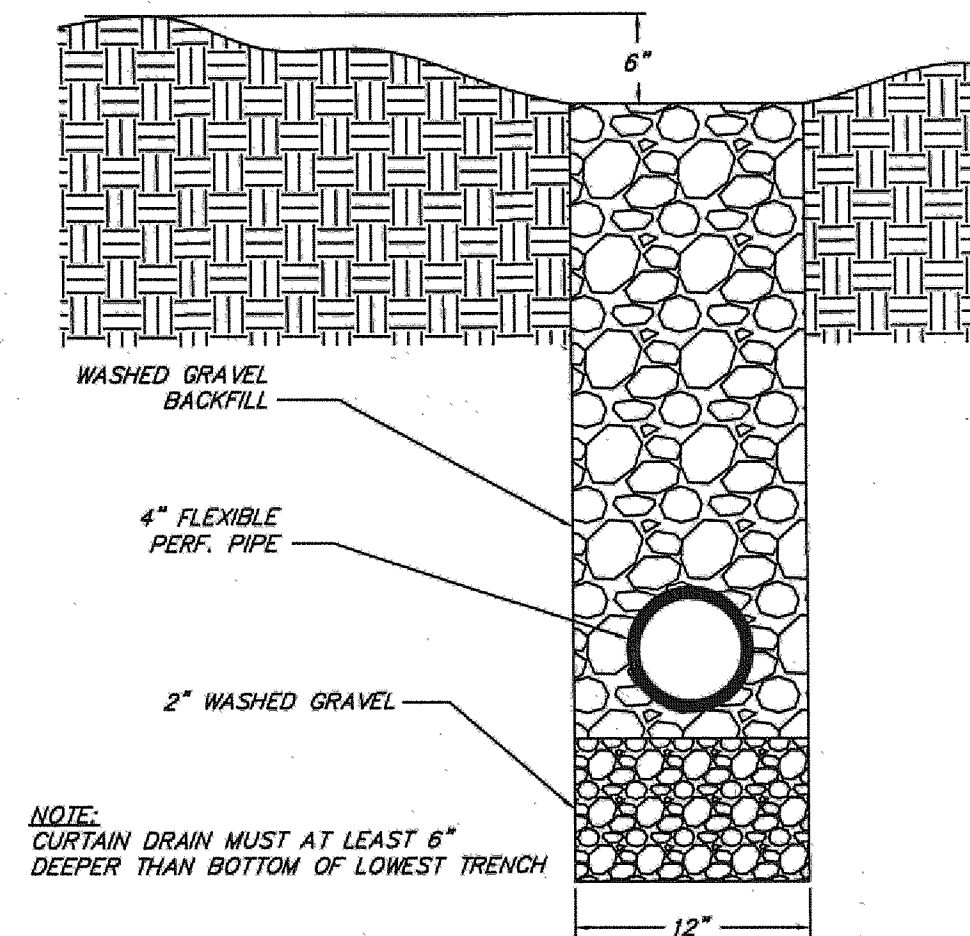
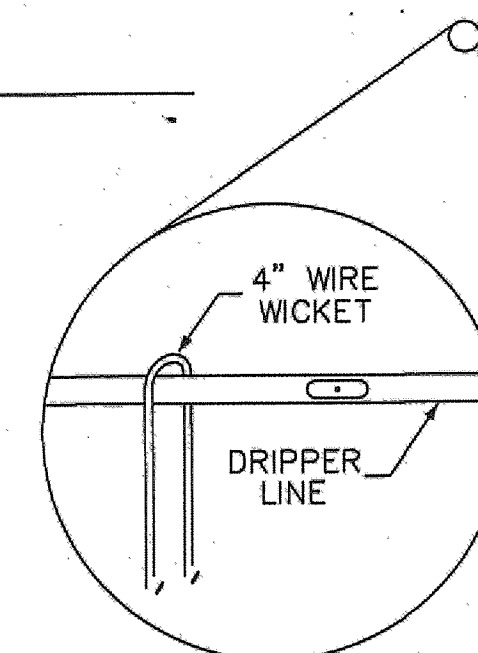


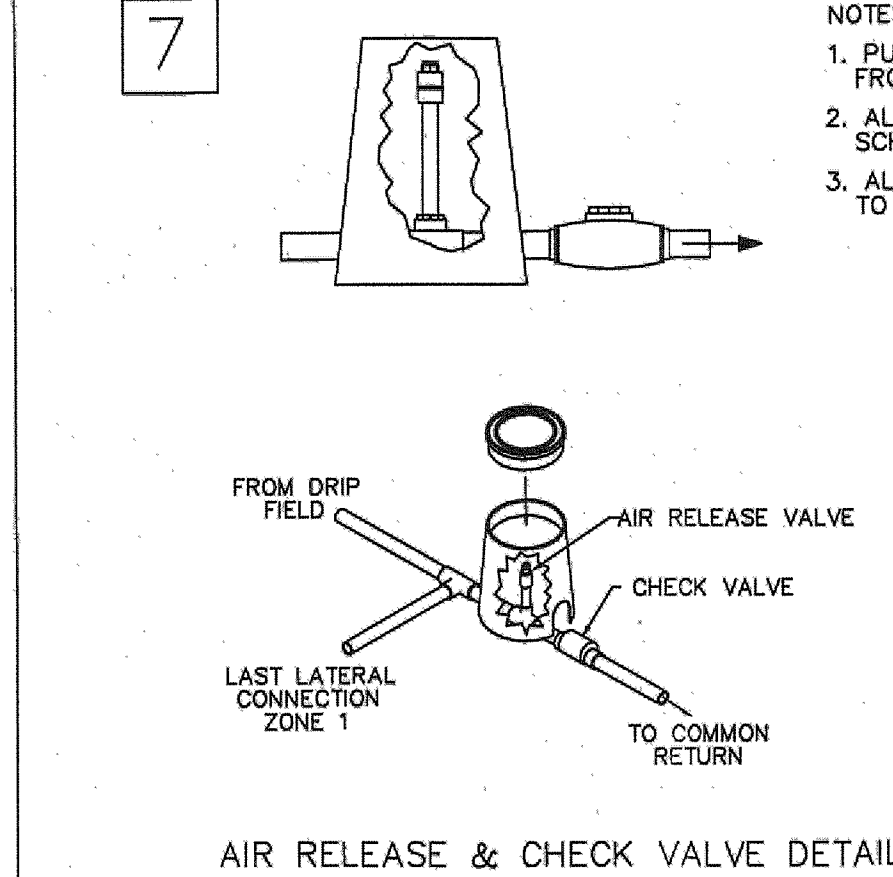
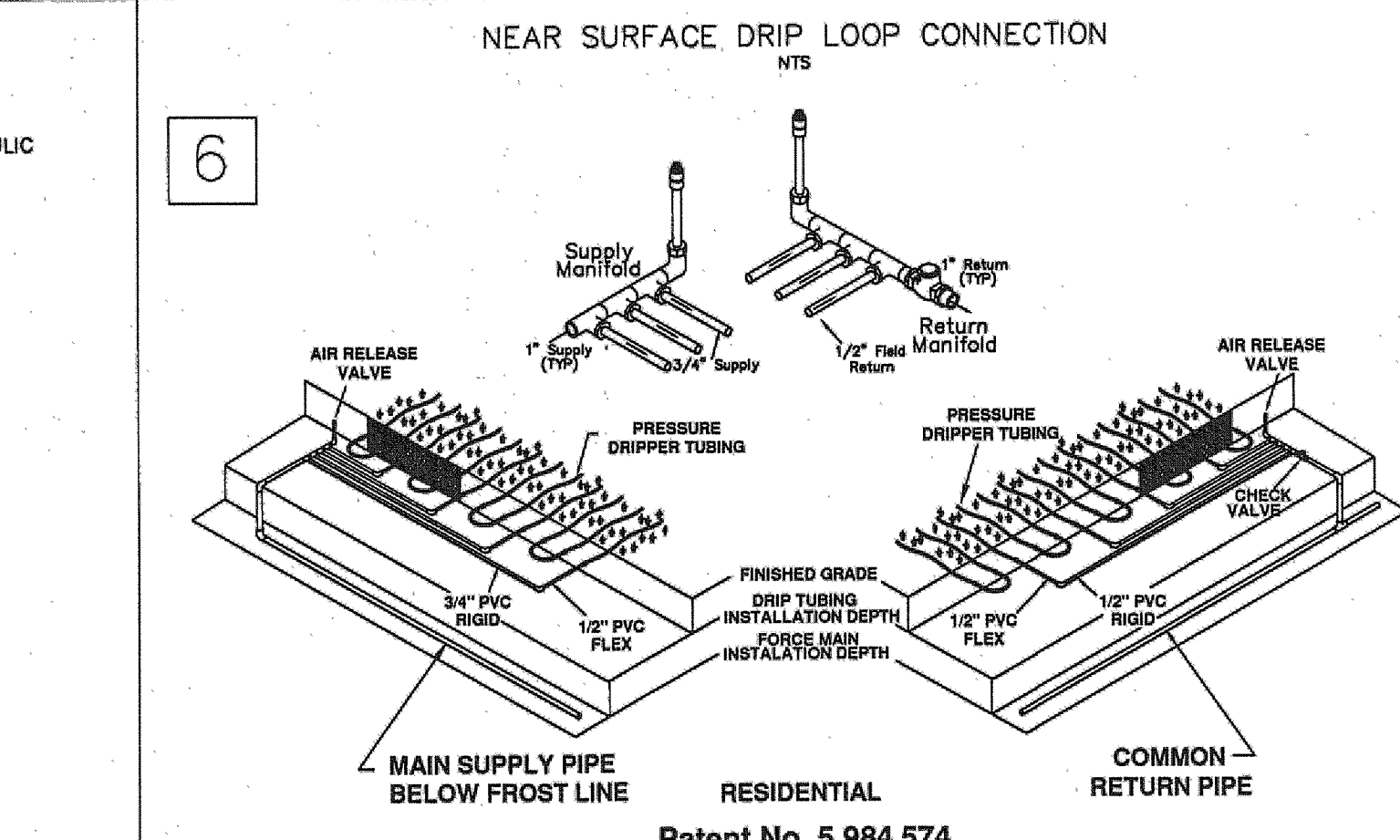
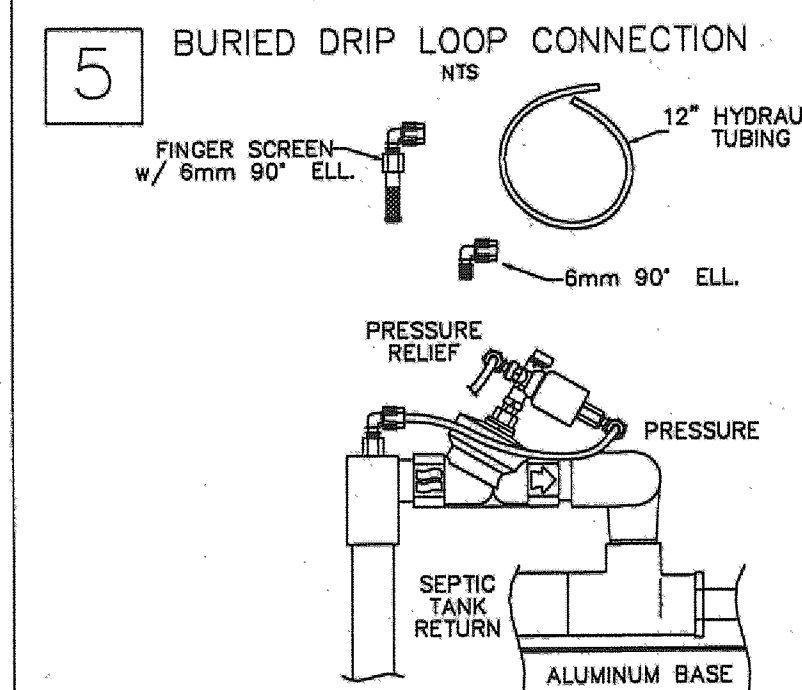
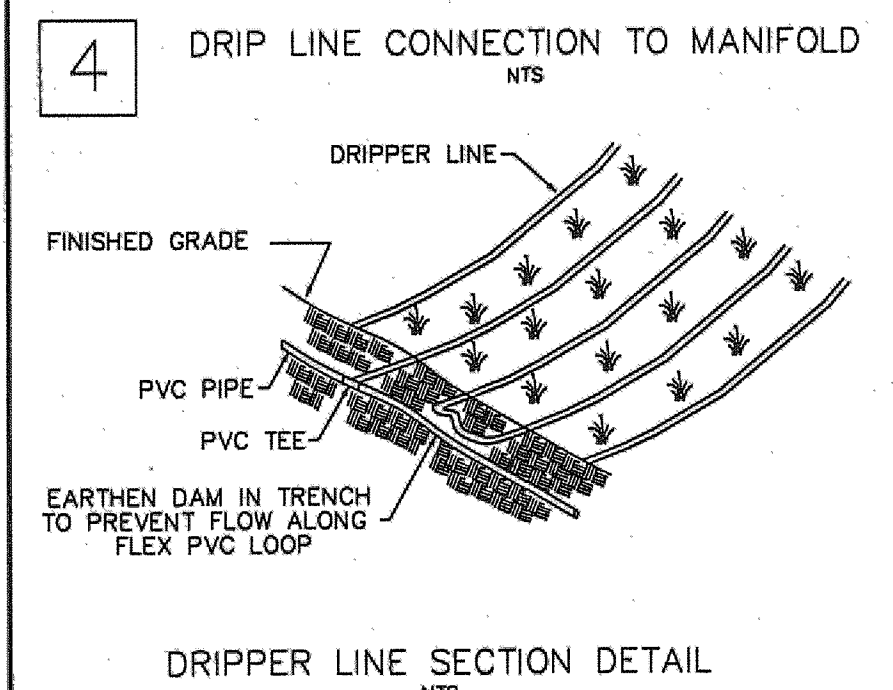
STANDARD RESIDENTIAL DRIP SYSTEM DETAILS



NOTES:
 REMOVE ALL DEAD AND DOWN WOOD BY HAND.
 HAND INSTALLATION REQUIRED.
 -MARK CONTOUR EVERY 15' WITH FLAGS.
 -RAKE LEAVES/TOPSOIL ASIDE WITH LEAF RAKES.
 -PREPARE 2-3" WIDE TRENCH WITH GARDEN RAKE OR SHOVEL.
 -PLACE TUBING 3" BELOW TOPSOIL, INTO MINERAL SOIL, HOLD IN PLACE WITH 4 INCH WIRE WICKETS.
 -COVER IN REVERSE ORDER.

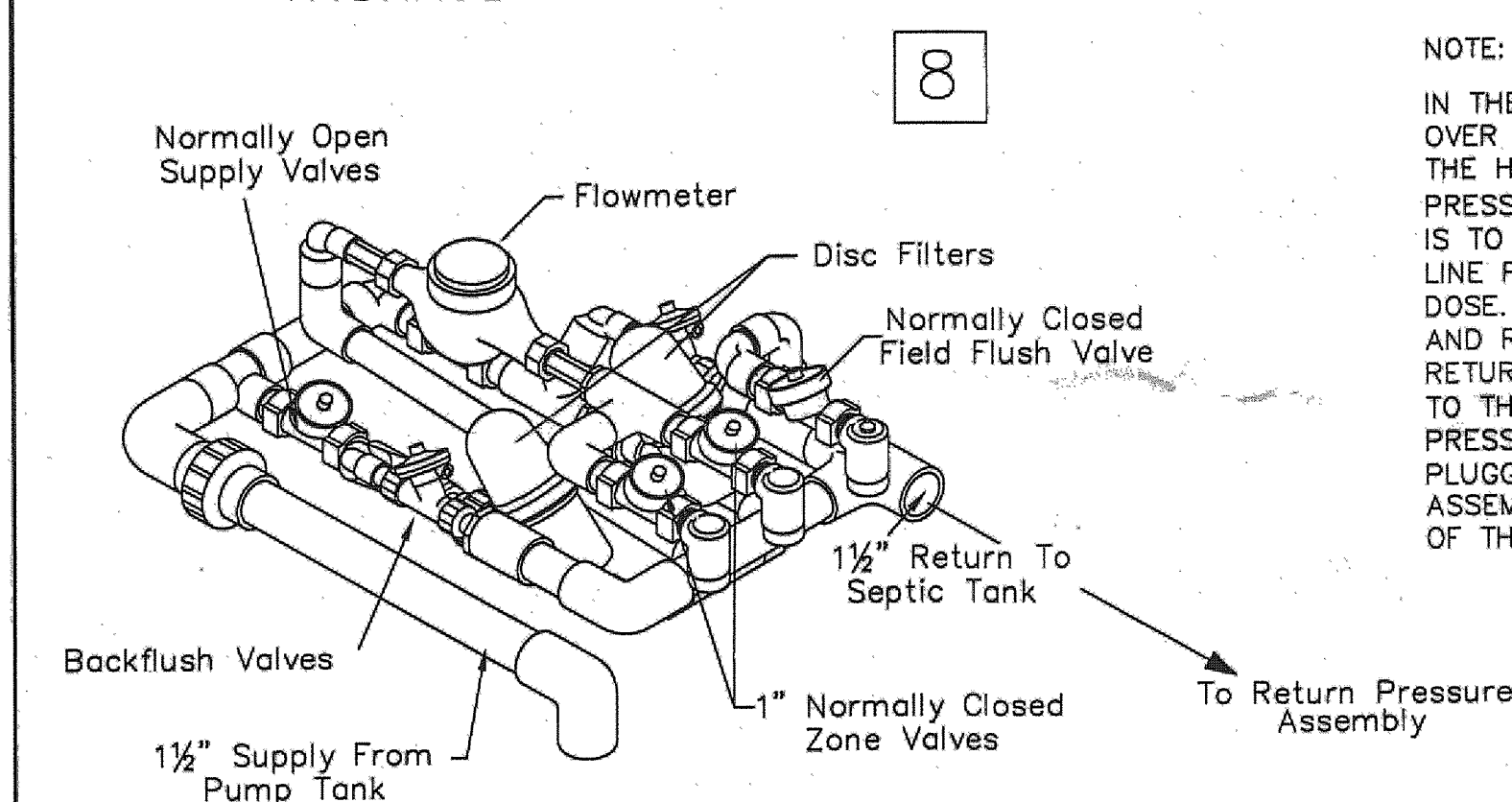


INTERCEPTOR DRAIN CROSS SECTION
 SCALE: NTS

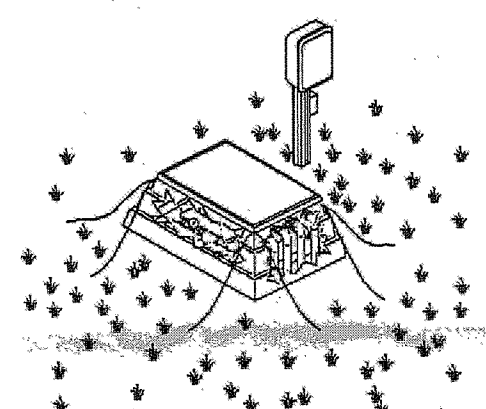


NOTES:
 1. PUMP & FLOATS SERVICEABLE FROM GROUND SURFACE.
 2. ALL FITTINGS TO BE PVC SCH 40 PRESSURE.
 3. ALL THROUGH CONNECTIONS TO BE WATERTIGHT.

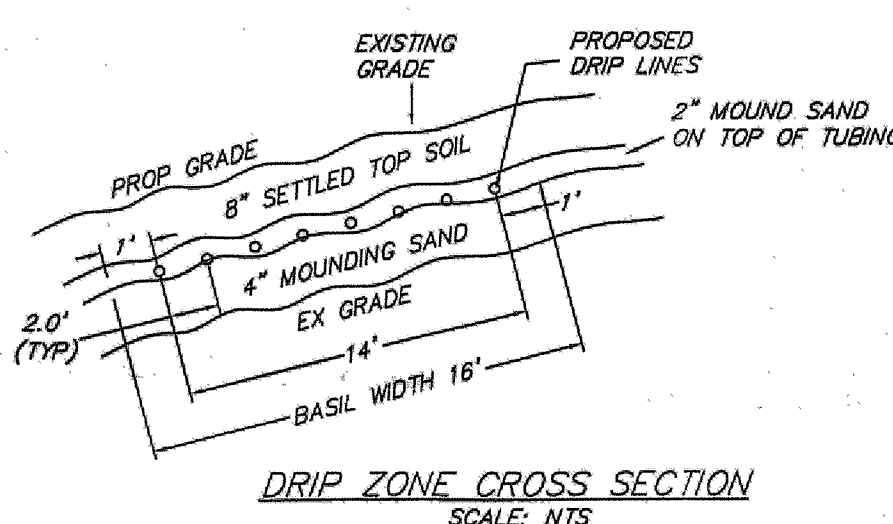
AMERICAN MFG. COMPANY
 TWO-FILTER - 15 GPM
 HYDRAULIC UNIT



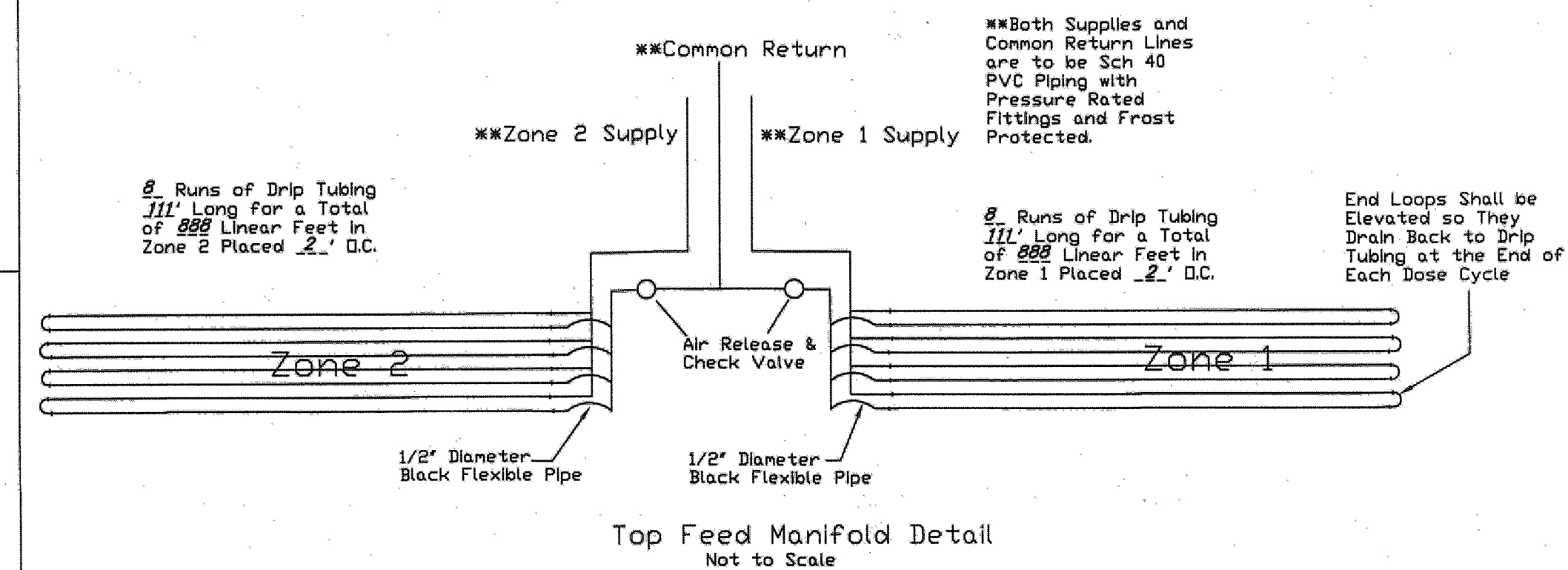
NOTE:
 IN THE EVENT THE DRIP ZONES ARE OVER 10 FEET IN VERTICAL ELEVATION ABOVE THE HYDRAULIC UNIT, INSTALL A "RETURN PRESSURE ASSEMBLY." THE ASSEMBLY IS TO BE USED TO PREVENT THE RETURN LINE FROM DRAINING AFTER OR DURING A DOSE. REMOVE THE ZONE RETURN CONNECTION AND REINSTALL A SHORT 1" NIPPLE IN THE RETURN VALVE. INSTALL ASSEMBLY AS SHOWN TO THE LEFT. THE HYDRAULIC TUBING PROVIDING PRESSURE FOR THE REST OF THE UNIT MUST BE PLUGGED AND THE NEW TUBING FROM THE ASSEMBLY CONNECTED TO THE PRESSURE SIDE OF THE SOLENOID.



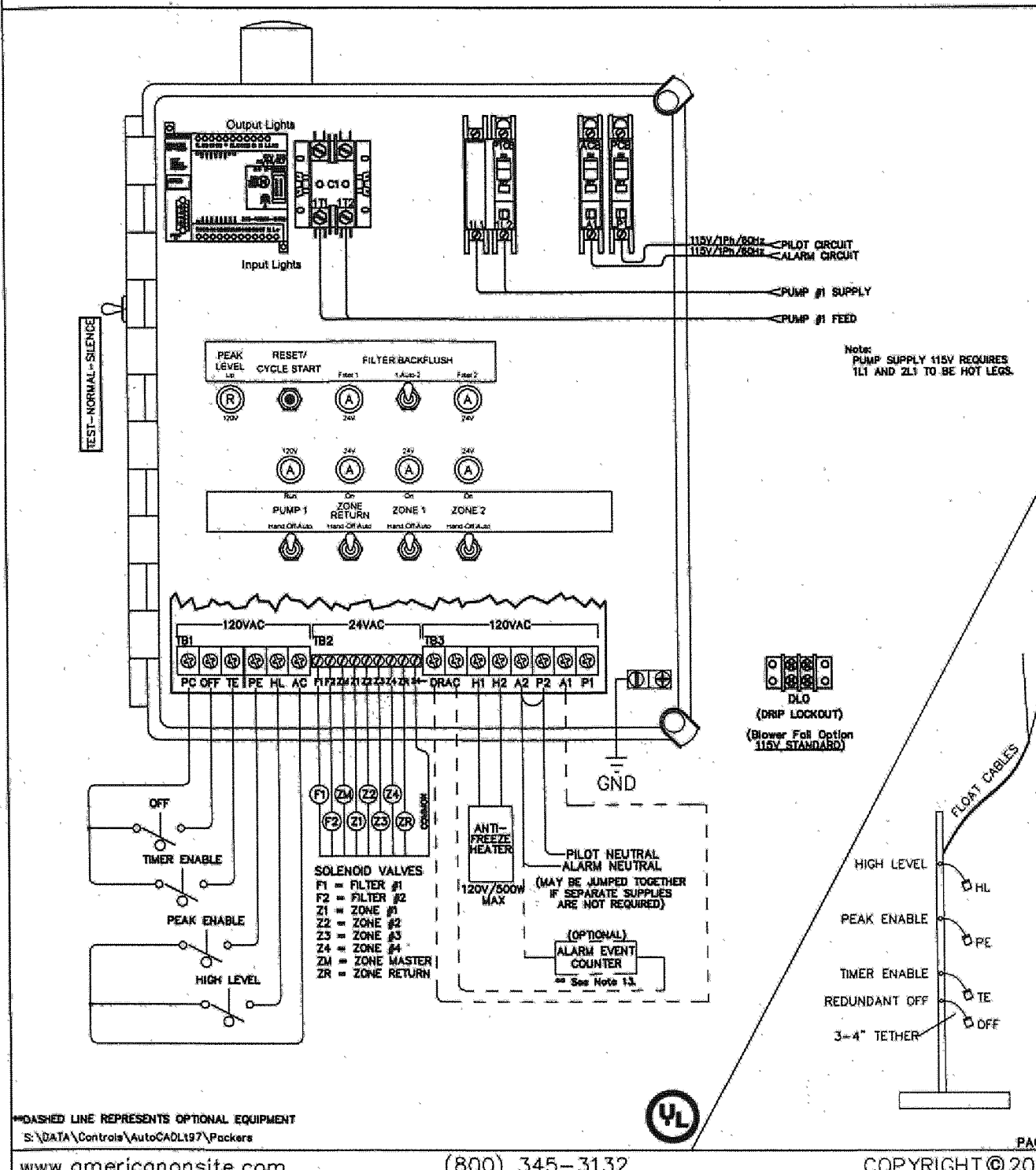
Blower to be installed at grade, protected from surface water per Installation Manual.



DRIP ZONE CROSS SECTION
 SCALE: NTS



AMERICAN PERC-RITE CONTROLS
 American Manufacturing Co., Inc. P.O. Box 549, Manassas, VA, 20108
 Simplex and Duplex 2 and 4 Zone PERC-RITE Drip System
 INSTALLATION GUIDE FOR "DPI" SERIES DRIP SYSTEM W/ STSF OPTION
 (1 PHASE, OPTIONS A,B,C,E,F,H,J,L,P,R,W)



- LAKE COUNTY HEALTH DEPARTMENT NOTES:**
1. DRIP DISTRIBUTION FIELD (DRIP TUBING TO BE PLACED @ 2' O.C. ON 4" OF MOUNDING SAND)
 2. DRIP INSTALLER TO CONSULT WITH DRIP DESIGNER OR L.C.H.D. FOR ANY CHANGES
 3. AREAS FOR DISTRIBUTION FIELD AND REPLACEMENT AREAS SHALL BE STAKED AND ROPED TO PREVENT ACCESS DURING ALL CONSTRUCTION ACTIVITIES ON THE SITE.
 4. NO PARKING OR MATERIAL STORAGE IS PERMITTED IN AREAS DESIGNATED FOR THE DISTRIBUTION FIELD.
 5. NO HEAVY EQUIPMENT SHALL BE OPERATED OVER THE DISTRIBUTION FIELD.
 6. BASAL AREA OF BOTH ZONES TO BE CHISEL-PLowed.
 7. ALL INSTALLATION AND CONSTRUCTION TECHNIQUES MUST CONFORM TO THE LAKE COUNTY GENERAL HEALTH DISTRICT REGULATIONS AND OTHER CODES AND REGULATIONS THAT HAVE JURISDICTION.

8. INSTALLER TO PROVIDE AS-BUILT OF DRIP SYSTEM TO HOME OWNER AND LAKE COUNTY GENERAL HEALTH DEPARTMENT.
9. SEPTIC APPROVAL IS GOOD FOR 1 YEAR PERIOD.
10. SWITCHES, CONTROLS, ALARMS & ELECTRICAL COMPONENTS SHALL BE UL OR CSA LISTED PRODUCTS, NATIONAL ELECTRIC CODE 3701-29-11-E-6.
11. FOR THE START-UP, CONTRACTOR SHALL MEASURE DOSING FLOW RATE, FLUSHING FLOW RATE, AND A METER READING FOR THE LAKE COUNTY GENERAL HEALTH DEPARTMENT.
12. HOME OWNER SHALL CONTRACT WITH A CERTIFIED SERVICE PROVIDER FOR MAINTENANCE AND OPERATION OF DRIP SYSTEM. INSPECTION OF SYSTEM WILL BE BY CERTIFIED SERVICE PROVIDER AND REPORTS ARE TO BE SUBMITTED TO THE LAKE COUNTY GENERAL HEALTH DEPARTMENT.

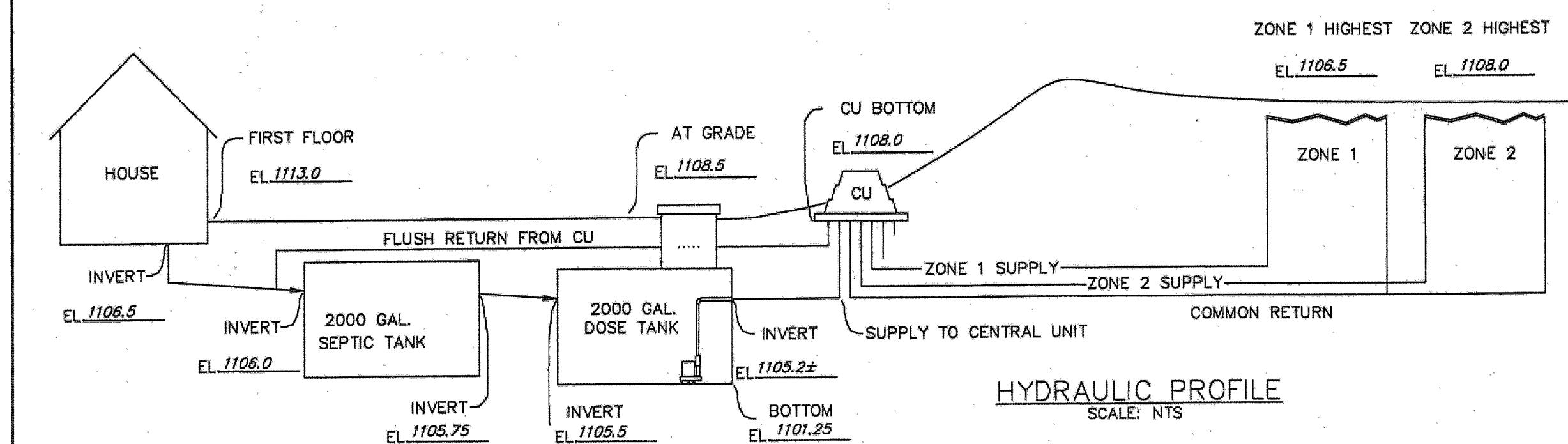
EROSION AND SEDIMENT CONTROL
INGRESS-EGRESS
 A STONE ACCESS DRIVE COMPLETE WITH UNDERLYING GEO-TEXTILE FABRIC (20 FEET WIDE AND 50 FEET LONG) FOR INGRESS AND EGRESS AT THE SITE SHALL BE INSTALLED. THIS DRIVE SHALL BE THE ONLY ENTRANCE AND EXIT TO THE SITE.

SILT FENCE
 ALL SILT FENCE SHALL BE INSTALLED PRIOR TO ANY EARTHWORK ACTIVITIES AT THE SITE IN THE LOCATIONS SHOWN ON THE SITE PLAN AS WELL AS ALONG THE FRONT OF ANY LOT THAT SLOPES TOWARDS THE STREET.

TEMPORARY SEEDING
 DISTURBED AREAS OF THE SITE THAT ARE TO REMAIN IDLE FOR MORE THAN TWENTY ONE (21) DAYS SHALL BE PROPERLY SEEDED AND STRAW MULCHED WITHIN SEVEN (7) DAYS OF COMPLETION OF INITIAL GRADING. TEMPORARY SEEDING AND MULCHING OF A THIRTY (30) FOOT STRIP OF THE ENTIRE FRONT OF THE LOT SHALL BE MAINTAINED ON THE SITE ONCE INITIAL GRADING IS COMPLETE. STABILIZATION OF CRITICAL AREAS WITHIN FIFTY (50) FEET OF ANY STREAM OR WETLAND SHALL BE COMPLETE WITHIN TWO (2) DAYS OF THE DISTURBANCE IF THE SITE IS TO REMAIN INACTIVE FOR LONGER THAN FOURTEEN (14) DAYS.

MULCHING
 STRAW MULCH SHALL BE APPLIED AT A RATE OF 1 BALE PER TEN (10) FEET OF CURB, AT A WIDTH OF THIRTY (30) FEET OF THE ENTIRE LENGTH OF THE LOT. WOOD CHIPS MAY ALSO BE USED BUT MUST BE SPREAD AT A MINIMUM DEPTH OF FOUR INCHES OVER THE THIRTY (30) FOOT WIDTH AND MUST BE ACCOMPANIED BY A PROPERLY INSTALLED SILT FENCE.

MAINTENANCE
 EROSION AND SEDIMENT CONTROL SPECIFICATIONS, APPLICATIONS AND TIMETABLES ARE BASED ON THE DESCRIPTIONS AND STANDARDS OF THE OHIO DEPARTMENT OF NATURAL RESOURCES "RAINWATER AND LAND DEVELOPMENT MANUAL" AND CAN BE FOUND IN THE LAKE COUNTY EROSION AND SEDIMENT CONTROL RULES AS ADOPTED DECEMBER 21, 1999.



HYDRAULIC PROFILE
 SCALE: NTS

NO.	DATE	DESCRIPTION	BY

SITE DETAILS FOR
 PERRINO CUSTOM HOMES
 PP#20-A-021-F-00-001-0
 10178 COURTNEY LANE
 SL 1 IN THE COURTNEY LANE SUBDIVISION
 PLAT VOLUME 51, PAGE 19
 CITY OF KIRTLAND, COUNTY OF LAKE
 STATE OF OHIO

5425 WARNER ROAD - SUITE 12
 VALLEY VIEW, OHIO 44128
 440-602-9071
AZTECH
 ENGINEERING and SURVEYING
 Civil Engineering - Land Surveying

HORIZ. SCALE:	VERT. SCALE:
DRAWN BY: CL	DATE: 4/4/2014
CHECKED BY: SRL	DRAWING NO.: 20122678
JOB NO.: 20122678	SHEET 2 OF 2