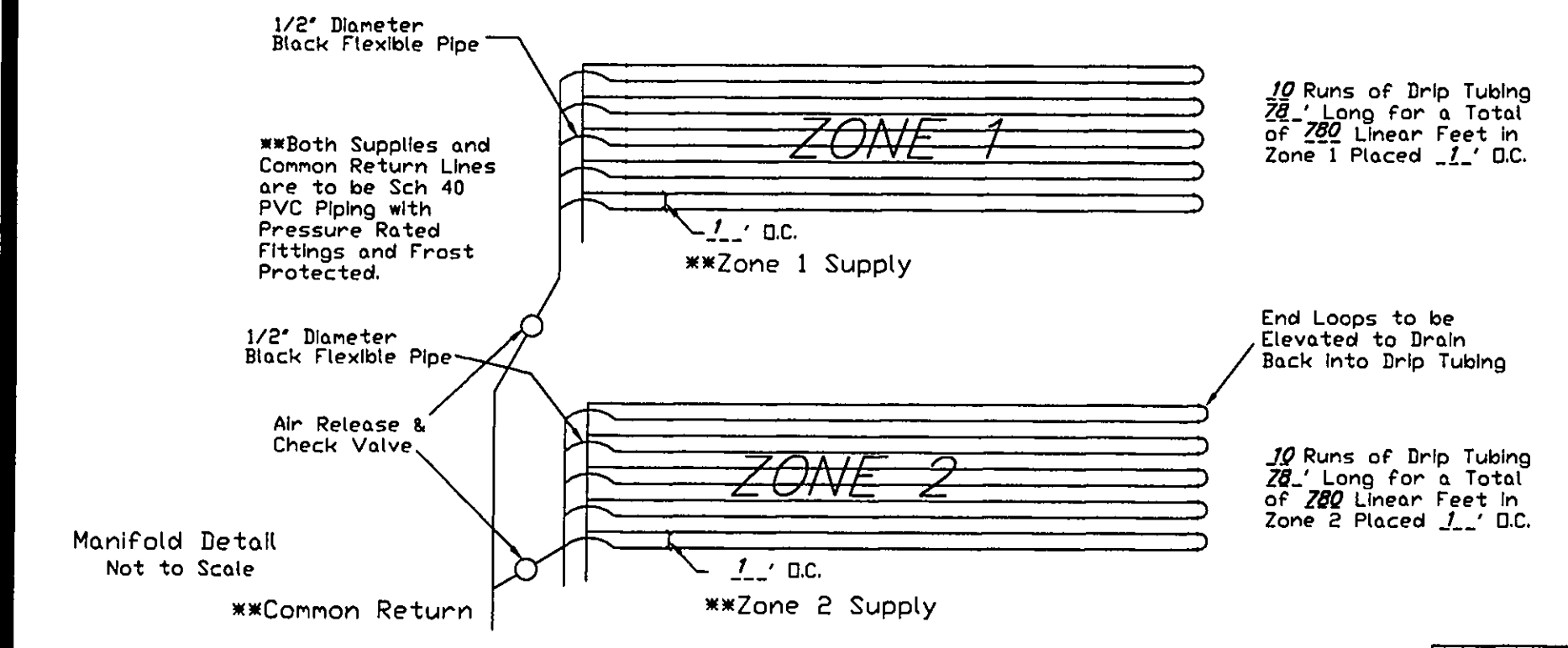


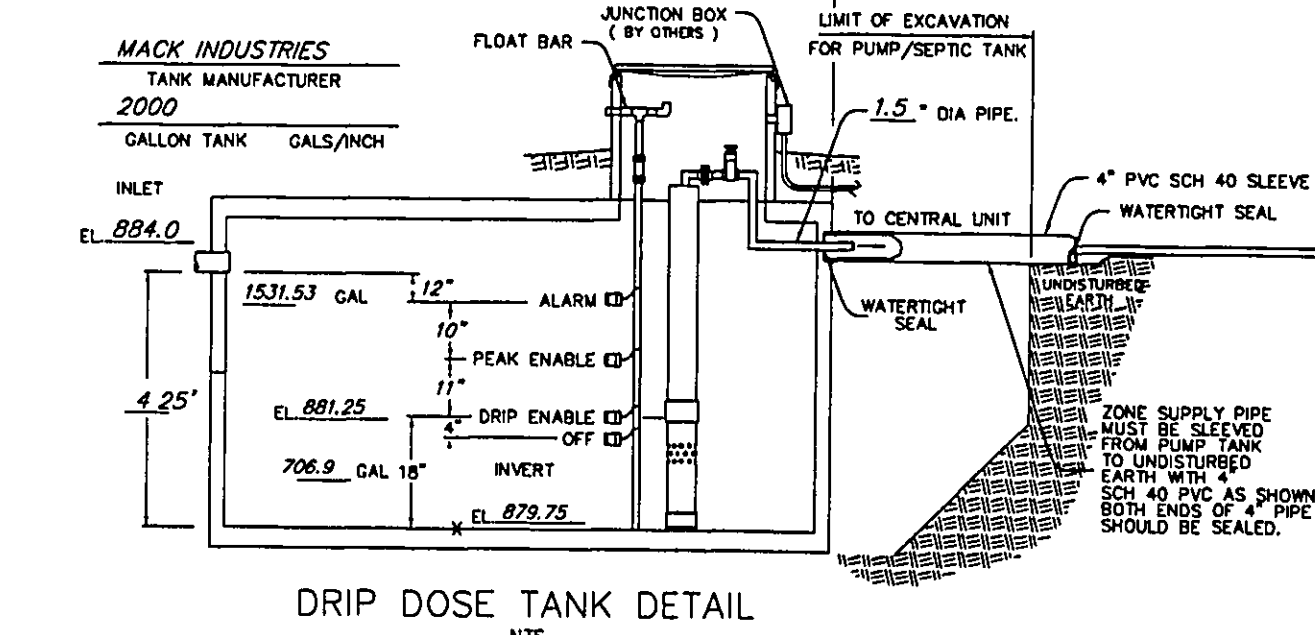
**LAKE COUNTY HEALTH DEPARTMENT NOTES:**  
 DRIP DISTRIBUTION FIELD (DRIP TUBING ON (2 FOOT HIGH-ZONE 1, 3 FOOT HIGH-ZONE 2) OF MOUNDING SAND @ 3:1 SIDE SLOPE)  
 1. NO HEAVY EQUIPMENT SHALL BE OPERATED OVER THE DISTRIBUTION FIELD.  
 2. AREAS FOR DISTRIBUTION FIELD AND REPLACEMENT AREAS SHALL BE STAKED AND ROPED TO PREVENT ACCESS DURING ALL CONSTRUCTION ACTIVITIES ON THE SITE.  
 3. NO PARKING OR MATERIAL STORAGE IS PERMITTED IN AREAS DESIGNATED FOR THE DISTRIBUTION FIELD.  
 4. LOCALIZED DEPRESSIONS MAY BE FILLED WITH MOUND SAND AND TOP DRESSED WITH TOPSOIL AND SEEDED. (MAXIMUM FILL PERMITTED IS 6" DEPTH)  
 5. ALL INSTALLATION AND CONSTRUCTION TECHNIQUES MUST CONFORM TO THE LAKE COUNTY GENERAL HEALTH DISTRICT REGULATIONS AND OTHER CODES AND REGULATIONS THAT HAVE JURISDICTION.



TITLE	
ZONE LAYOUT	
Homeowner Address County, Ohio	
DR. BY: DCM	 StreamKey Inc. One In Solonville, Ohio 44068 Phone: 440.350.1234 Fax: 440.350.1235
CK BY: EJK	
DATE: 2005	
SCALE: None	
FILE: SX00X-RA	

TEMPORARY SEEDING

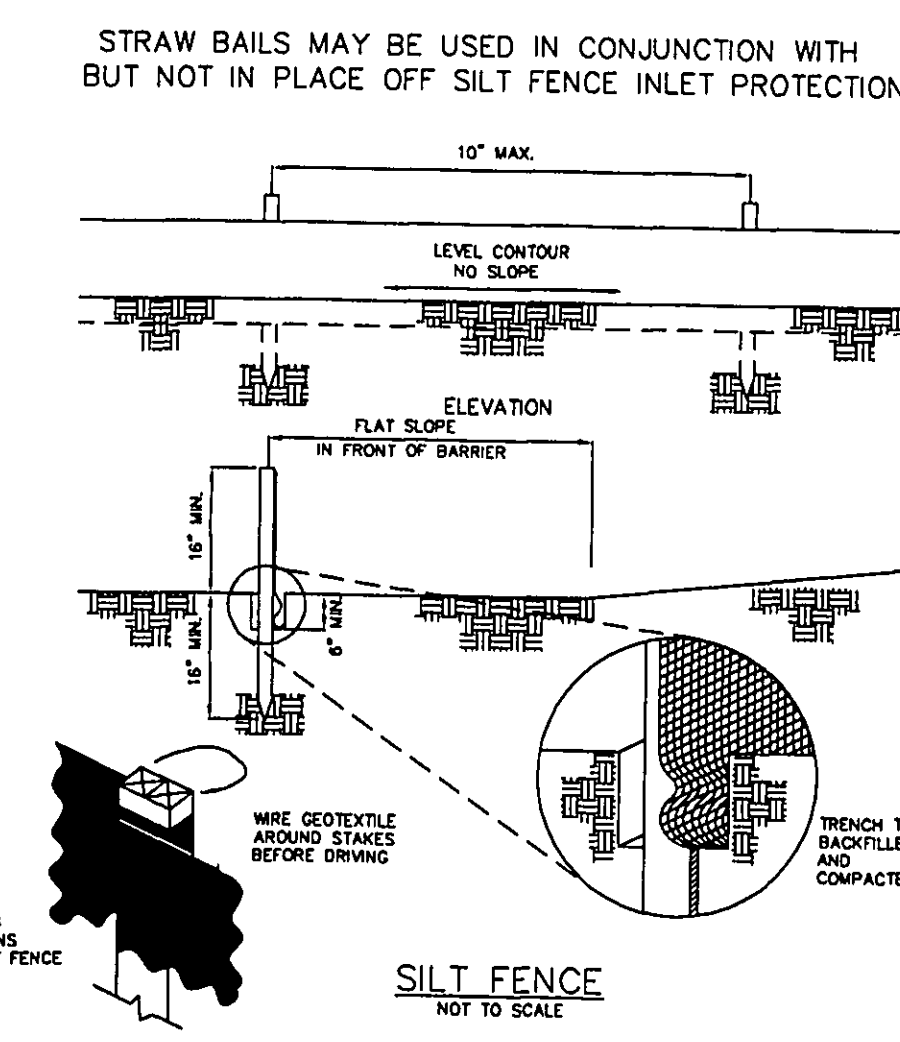
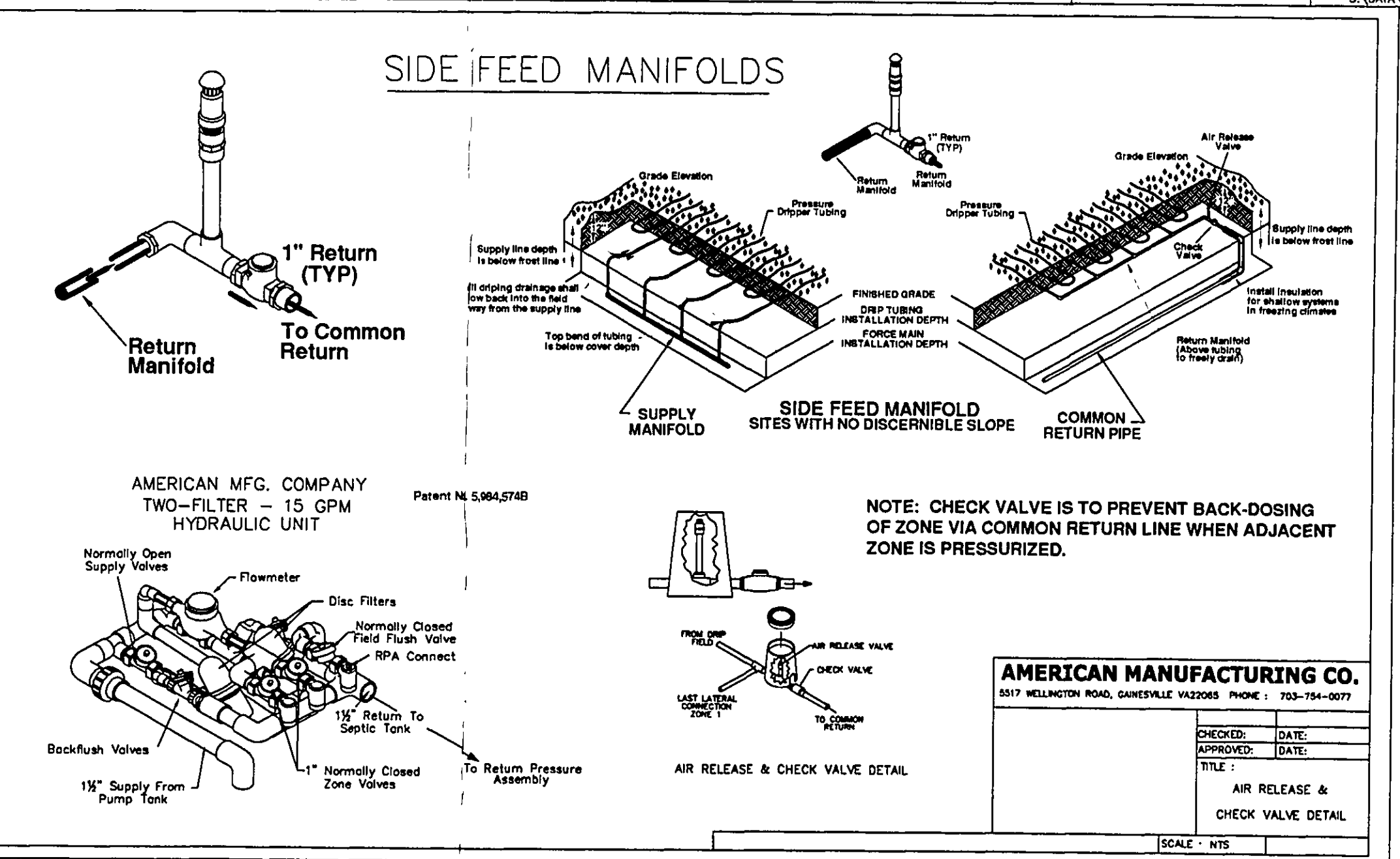
SEEDING DATES	SPECIES	Lb./1,000 S.F.	PER ACRE
MARCH 1 - AUGUST 15	OATS	3	4 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
AUGUST 16 - NOVEMBER 1	RYE	3	2 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	WHEAT	3	2 BUSHEL
NOVEMBER 1 - SPRING	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.



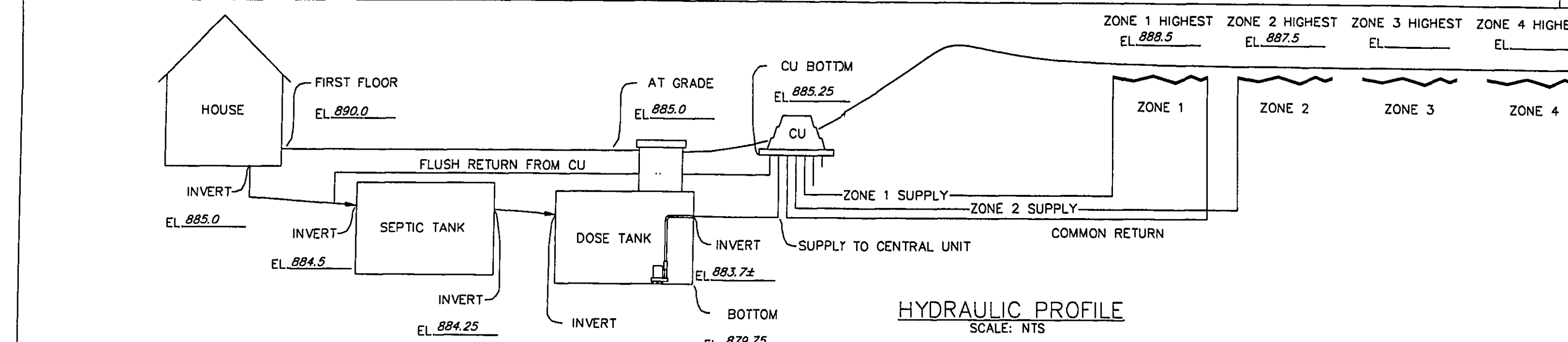
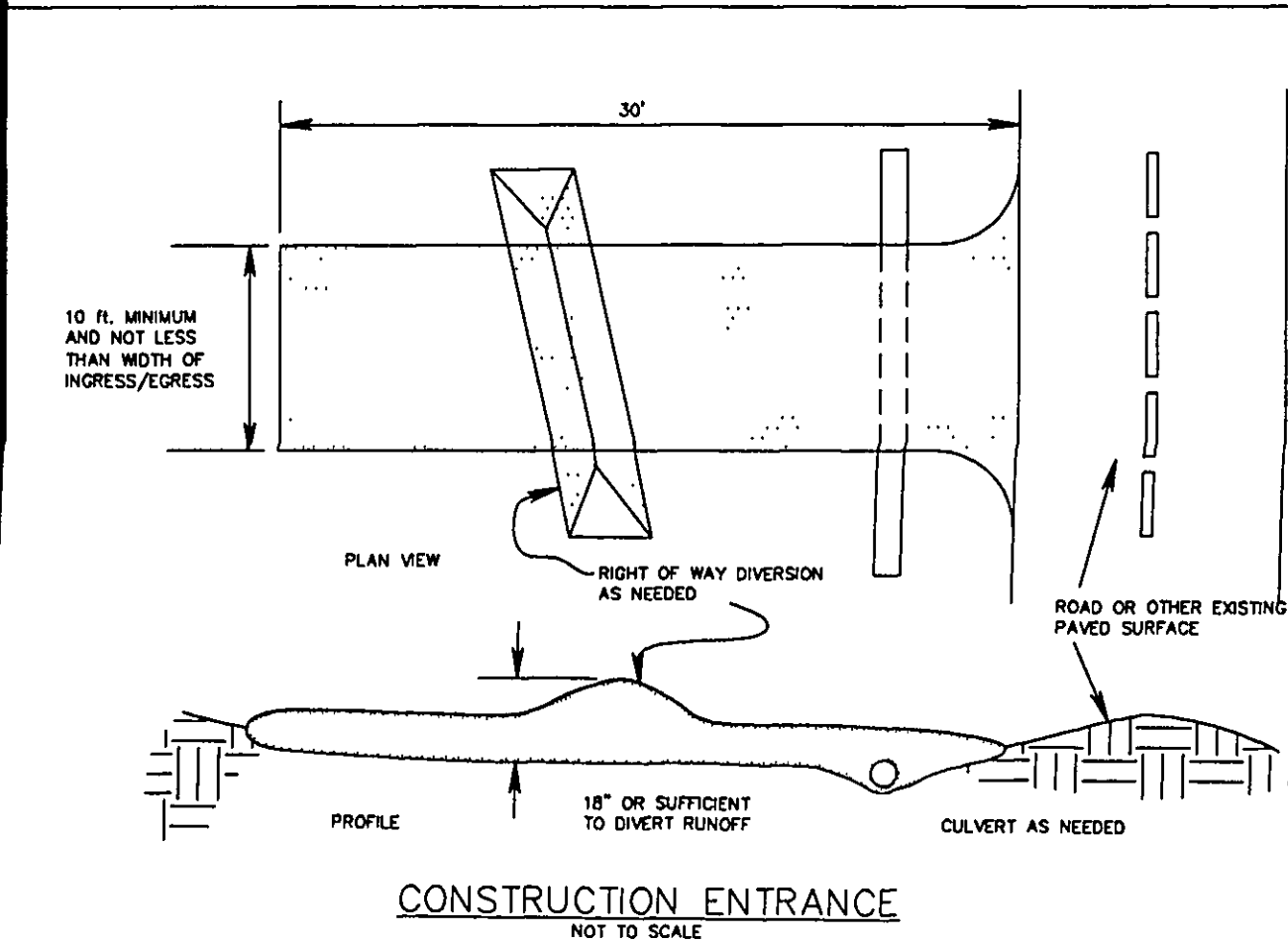
**AMERICAN MANUFACTURING CO.**  
 5517 WELLINGTON RD. GAINESVILLE VA 20155; 703-754-0077  
 PROJECT NAME: \_\_\_\_\_  
 COUNTY: \_\_\_\_\_  
 DR. BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CK. BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 APP. BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 TITLE: Pump and Control Detail

**CONSTRUCTION ENTRANCE**  
 DESCRIPTION: A CONSTRUCTION ENTRANCE IS A STABILIZED PAD OF AGGREGATE OVER A GEO-TEXTILE BASE AND IS USED TO REDUCE THE AMOUNT OF MUD TRACKED OFF-SITE WITH CONSTRUCTION TRAFFIC.  
 CONDITIONS WHERE PRACTICE APPLIES: A CONSTRUCTION ENTRANCE SHOULD BE USED:  
 \* WHERE CONSTRUCTION VEHICLES LEAVE ACTIVE CONSTRUCTION AREAS ONTO SURFACES WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS.  
 \* AT ALL POINTS OF EGRESS TO PUBLIC ROADS.  
 \* WHERE FREQUENT VEHICLE AND EQUIPMENT INGRESS/ EGRESS IS EXPECTED SUCH AS AT THE ENTRANCE OF INDIVIDUAL BUILDING LOTS.  
 PLANNING CONSIDERATIONS: THIS PRACTICE SHOULD BE RELIED ON TO REMOVE MUD FROM CONSTRUCTION TRAFFIC.  
 MOST MUD IS FLUNG FROM TIRES AS VEHICLES REACH SPEEDS HIGHER THAN IS REACHED ON SITE. THE BEST APPROACH TO PREVENTING OFF-SITE TRACKING IS TO KEEP VEHICLES THAT FREQUENTLY ENTER AND LEAVE A SITE AWAY FROM MUDDY AREAS IN THE FIRST PLACE. VEHICLES SHOULD BE RESTRICTED TO STABILIZED AREAS TO THE EXTENT PRACTICAL, AND AREAS WHERE FREQUENT INGRESS/ EGRESS IS EXPECTED SHOULD BE STABILIZED.

**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 SHALL BE INSPECTED EVERY SEVEN (7) DAYS OR WITHIN 24 HOURS OF A 0.5" OR GREATER RAINFALL EVENT. NECESSARY REPAIRS SHALL BE MADE AT THIS TIME.  
**NOTE:**  
 ALL 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.  
 THE SPECIFIED EROSION AND SEDIMENT CONTROL STANDARDS ARE GENERAL GUIDELINES AND SHALL NOT LIMIT THE RIGHT OF THE COUNTY TO IMPOSE, AT ANY TIME, ADDITIONAL, MORE STRINGENT, REQUIREMENTS. NOR SHALL THE STANDARDS LIMIT THE RIGHT OF THE COUNTY TO LAKE COUNTY SOIL AND WATER CONSERVATION DISTRICT.



- SPECIFICATIONS FOR CONSTRUCTION ENTRANCE:**
- STONE SIZE--TWO-INCH STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
  - LENGTH--THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 30 FT. (EXCEPT ON SINGLE RESIDENCE LOT WHERE A 30-FT. MINIMUM LENGTH APPLIES).
  - THICKNESS--THE STONE LAYER SHALL BE AT LEAST 6 IN. THICK.
  - WIDTH--THE ENTRANCE SHALL BE AT LEAST 10 FT. WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS.
  - BEDDING--A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL HAVE A GRAB TENSILE STRENGTH OF AT LEAST 200 LB. AND A MULLEN BURST STRENGTH OF AT LEAST 190 LB.
  - CULVERT--A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
  - WATER BAR--A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
  - MAINTENANCE--TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SHEEPING.
  - CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION-SITE SHALL BE RESTRICTED FROM MUDDY AREAS.



**AMERICAN MANUFACTURING CO.**  
 5517 WELLINGTON RD. GAINESVILLE VA 20155; 703-754-0077  
 PROJECT NAME: \_\_\_\_\_  
 COUNTY: \_\_\_\_\_  
 DR. BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CK. BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 APP. BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 TITLE: HYDRAULIC PROFILE & TYP. DRIP DETAILS

38879 MENTOR AVENUE SUITE A  
 WILLOUGHBY OHIO 44094  
 440-602-9071

**AZTECH**  
 FAX 602-9401

ENGINEERING and SURVEYING  
 Civil Engineering · Land Surveying

SHEET CONTENT  
 DETAILS  
 FOR

BONNIE J. THOMAS  
 7913 EAGLE ROAD  
 P.P.#20-A-010-C-00-012-0  
 LOCATED ON EAGLE ROAD  
 VOLUME 879, PAGE 98  
 PART OF LOT NO. 3, TRACT NO. 2  
 CITY OF KIRTLAND  
 COUNTY OF LAKE  
 STATE OF OHIO

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	4/10/06	REVISED PER L.C.H.D.	CL
2	4/12/06	REVISED PER L.C.H.D.	CL

HORIZ. SCALE	VERT. SCALE
1"=20'	
DRAWN BY	DATE
WFB	3-28-06
CHECKED BY	DRAWING NO
SRL	161819
JOB NO	SHEET
161819	2 OF 2