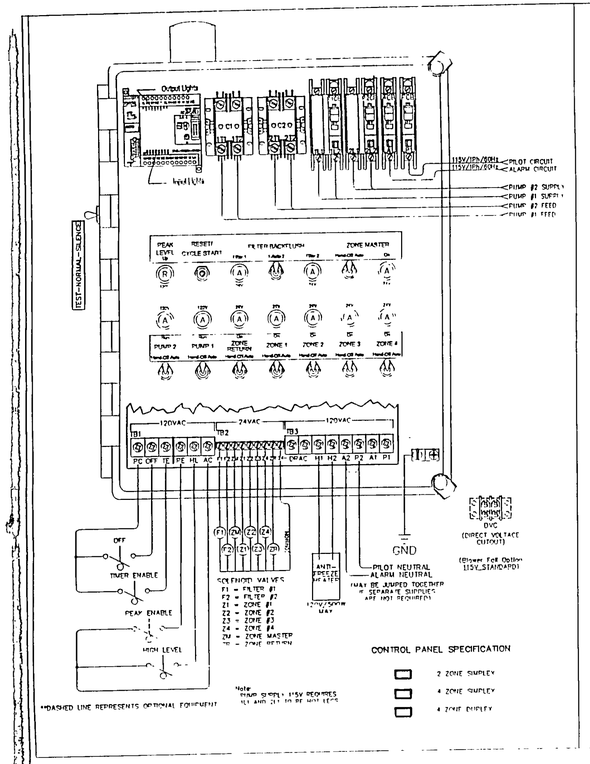
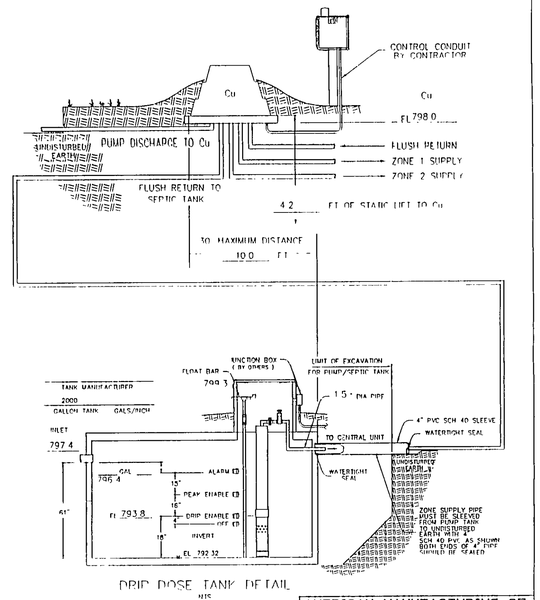


CONTROL PANEL SPECIFICATION

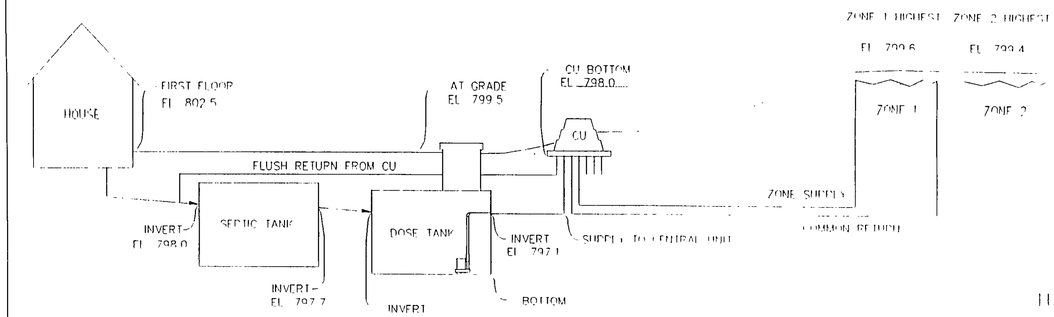
- 2 ZONE SIMPLEX
- 4 ZONE DUPLEX
- 4 ZONE SIMPLEX



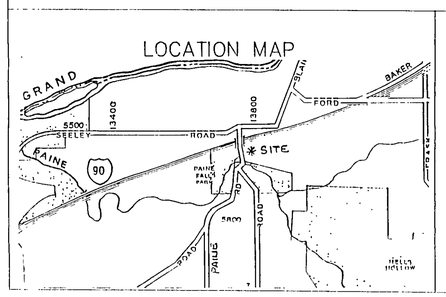
DRIP DOSE TANK DETAIL
NTS

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

FILE: S:\DATA\Catalogs\Engineer\Residential Plans\04.MICROMOUND\Drip1Pump.dwg | SCALE: | SHEET OF



HYDRAULIC PROFILE
NTS



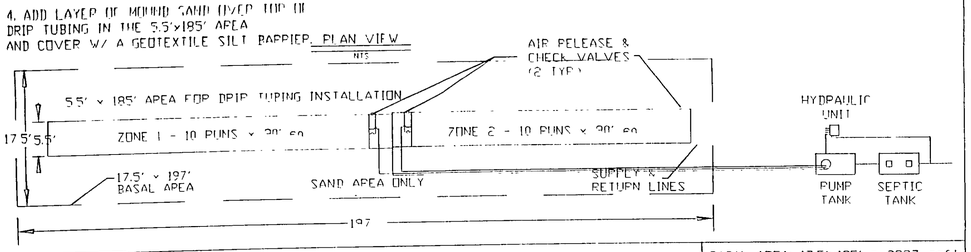
SPECIAL INSTRUCTIONS

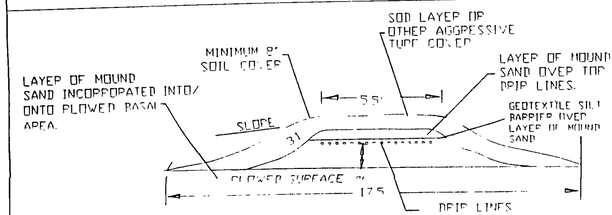
AMERICAN MANUFACTURING CO.	
5517 WELLINGTON RD GAINESVILLE VA 20155; 703-754-0077	
PROJECT NAME:	DR. BY: DATE:
	CK. BY: DATE:
	APP. BY: DATE:
COUNTY:	TITLE: HYDRAULIC PROFILE & TYP. DRIP DETAILS

REV. | FILE: data/catalogs/engineer/residential plans/driphhydprof.dwg | SCALE: | SHEET OF

NOTES:

1. PLOW ENTIRE 17.5'x197' AREA OF DRAINFIELD (SAME WAY YOU WOULD A REGULAR MOUND)
2. ADD LAYER OF MOUND SAND INCORPORATING IT INTO/ONTO PLOWED BASAL AREA
3. PLACE DRIP TUBING ON TOP OF SAND IN THE 5.5'x185' UPPER SECTION OF DRAINFIELD
4. ADD LAYER OF MOUND SAND OVER TOP OF DRIP TUBING IN THE 5.5'x185' AREA AND COVER W/ A GEOTEXTILE SILT BARRIER.
5. COVER ENTIRE 17.5'x197' AREA OF DRAINFIELD WITH A MINIMUM COVER OF 8" WITH A TURTLE-BACK GRADE FOR POSITIVE DRAINAGE.
6. AN AGGRESSIVE TURF COVER OVER ENTIRE 17.5'x197' AREA IS RECOMMENDED (PREFERABLY SOD)





BASAL AREA: 17.5'x185' = 3237 sqft
BASAL AREA LOADING: 0.11 gpd/sqft

SAND BED: 5.5'x185' = 1017 sqft
SAND BED LOADING: 0.35 gpd/sqft

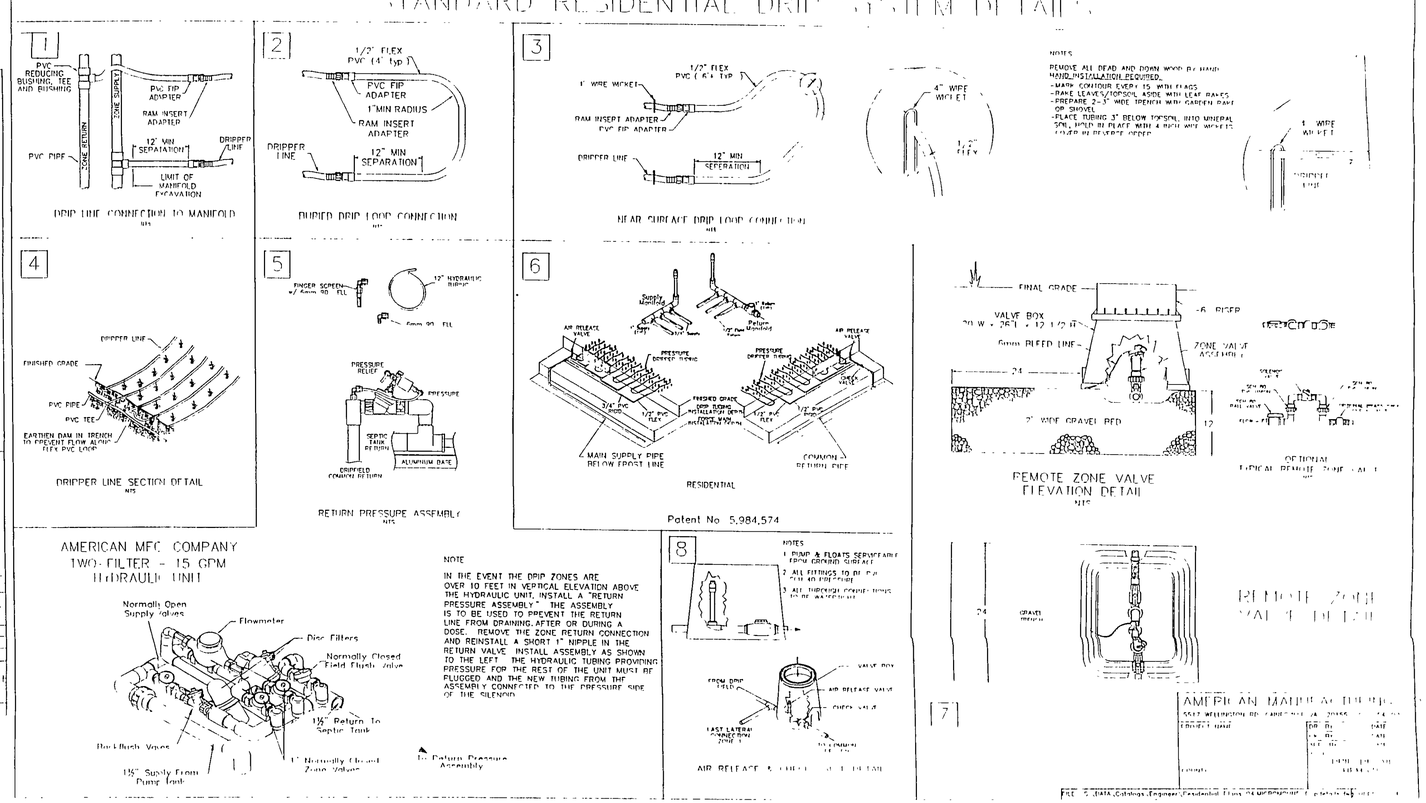
DRIP TUBING: 20 x90 = 1800 L.F.
ZONE 1: 10 runs x 90' = 900 L.F.
ZONE 2: 10 runs x 90' = 900 L.F.

LANDSCAPE LINEAR LOAD: 0.2 gpd/L.F.

AMERICAN MANUFACTURING COMPANY INC. 5517 WELLINGTON ROAD GAINESVILLE VA 20155 PHONE 703-754-0077	
PROJECT NAME	DRAFTER DATE
	CHECKED DATE
	APPROVED DATE
COUNTY	TITLE Mound Treatment SCHEMATIC
DESIGNED BY	

REVISION | FILE: S:/DATA/Catalog/Engineer/Residential Plans/04 MICROMOUND\Moundrip.dwg | SCALE NTS | SHEET OF

STANDARD RESIDENTIAL DRIP SYSTEM DETAILS



AMERICAN MFG COMPANY
TWO-FILTER - 15 GPM
HYDRAULIC UNIT

NOTE

IN THE EVENT THE DRIP ZONES ARE OVER 10 FEET 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 SILENCER.

AMERICAN MANUFACTURING CO. 5517 WELLINGTON RD GAINESVILLE VA 20155 703-754-0077	
PROJECT NAME	DR. BY: DATE:
	CK. BY: DATE:
	APP. BY: DATE:
COUNTY	TITLE: REMOTE ZONE VALVE DETAIL

FILE: S:\DATA\Catalogs\Engineer\Residential Plans\04.MICROMOUND\ | SCALE | SHEET

COR Consultants, Inc.
23 S. Forest Street Geneva, Ohio 44041
440-466-8085

DATE: JUNE, 2003
DRAWN BY: DAR
CHECKED BY: RMO
APPROVED BY: DAR
P.E. No.: 7597

OWNER : GERALD T. BENDER
5569 PAINE ROAD
LEROY, OHIO

STATE OF OHIO DAVID A. RAPP 7597 REGISTERED PROFESSIONAL ENGINEER