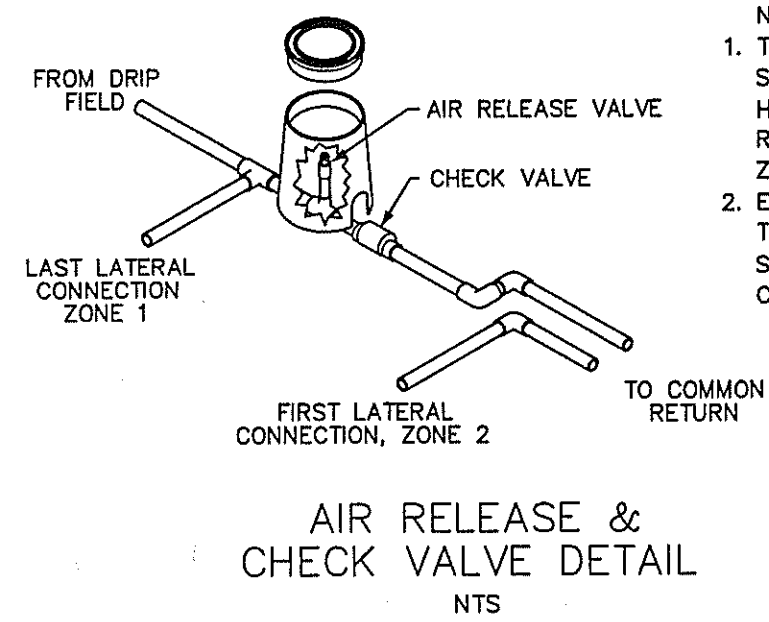
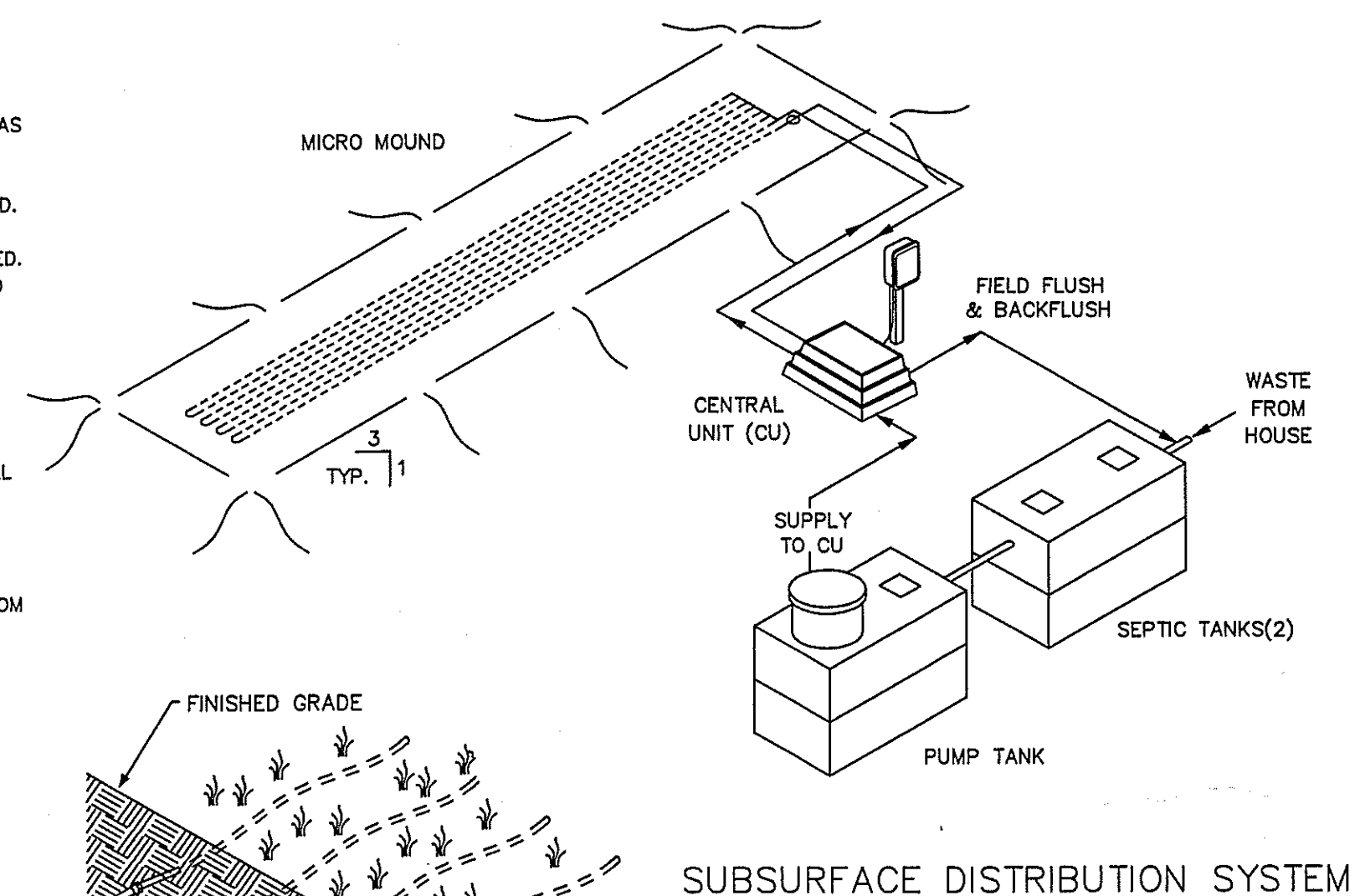


GENERAL NOTES - DRIP DISPOSAL

1. ALL INSTALLATION AND CONSTRUCTION TECHNIQUES SHALL CONFORM TO COUNTY CODES AND STATE BOARD OF HEALTH "SEWAGE HANDLING AND DISPOSAL REGULATIONS" PERTAINING TO ON SITE SEWAGE SYSTEMS AND THE PERMIT FOR THIS SITE.
2. THE INSTALLATION OF THIS SYSTEM SHALL BE IN ACCORDANCE WITH SPECIFICATIONS AND PROCEDURES AS SUPPLIED BY THE MANUFACTURER OF THE EQUIPMENT.
3. ALL PVC PIPE AND FITTINGS SHALL BE PVC SCH 40 TYPE 1 RATED FOR PRESSURE APPLICATIONS. ALL GLUED JOINTS SHALL BE CLEANED AND PRIMED WITH PURPLE (DYED) PVC PRIMER PRIOR TO BEING GLUED.
4. ALL CUTTING OF PVC PIPE, FLEXIBLE PVC AND DRIPPER TUBING SHALL BE ACCOMPLISHED WITH PIPE CUTTERS APPROVED BY MANUFACTURER. NO SAWING OF PVC, FLEXIBLE PVC OR DRIPPER TUBING ALLOWED.
5. ALL PVC PIPE, FLEXIBLE PVC AND DRIPPER TUBING IN THE WORK AREA SHALL HAVE THE ENDS COVERED WITH DUCT TAPE TO PREVENT CONSTRUCTION DEBRIS FROM ENTERING THE PIPE. PRIOR TO GLUING ALL JOINTS SHALL BE INSPECTED FOR AND CLEANED OF ANY CONSTRUCTION DEBRIS.
6. NO WET WEATHER INSTALLATION IS PERMITTED.
7. NO ACTIVITY ON DRAINFIELD AREA OTHER THAN MINIMUM REQUIRED TO INSTALL SYSTEM. DO NOT PARK EQUIPMENT, DRIVE LARGE EQUIPMENT OVER, OR STORE MATERIALS ON DRAINFIELD SITE.
8. HORIZONTAL SPACING BETWEEN DRIPPER LINES AND THE INSTALLATION DEPTH SHALL BE AS SPECIFIED.
9. THE BUILDING SEWER SHALL BE 4" SCH40 PVC WITH A MINIMUM SLOPE OF 1/4" PER FOOT. THERE SHALL BE NO BENDS GREATER THAN 90 DEGREES. CLEANOUTS SHOULD BE PROVIDED EVERY 25 FEET.
10. FOR CONSTRUCTION TECHNIQUES REFER TO THE "SEWAGE HANDLING AND DISPOSAL REGULATIONS".
11. IF TREES ARE TO BE REMOVED FROM SITE, CUT STUMPS FLUSH WITH GROUND. REMOVE BY HAND.
12. GRAVEL BASE UNDER CENTRAL CONTROL UNIT IS TO BE DRAINED VIA 2" PVC PIPE, SCREENED AT INLET AND OUTLET, DISCHARGE TO BE AT GRADE DOWN SLOPE (TO ENSURE DRAINAGE OF SURFACE WATER FROM UNIT).
13. THE CONTRACTOR SHALL BE CERTIFIED TO INSTALL THIS TYPE OF SYSTEM BY THE MANUFACTURER AND SHALL HOLD A PRE CONSTRUCTION MEETING WITH THE INDIVIDUALS RESPONSIBLE FOR SOIL EVALUATION, PERMITTING AND INSPECTIONS PRIOR TO SITE WORK BEGINNING TO INSURE PROTECTION OF THE SITE CONDITIONS AND TO BE INSTALLED ACCORDING TO DESIGN.
14. SITE CONDITIONS ARE DETERMINED TO REQUIRE THE INSTALLATION OF THE SYSTEM TO DEVIATE FROM THESE PLANS, ALL SITE WORK SHALL STOP IMMEDIATELY AND THE DESIGNER SHALL BE NOTIFIED, ANY ONGOING WORK SHALL BE AT THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
15. DRAINFIELD SUPPLY AND RETURN LINES TO BE INSTALLED AT ADEQUATE DEPTH TO PREVENT FREEZING.



- NOTE:
1. THE AIR RELEASE VALVE SHALL BE PLACED AT THE HIGHEST POINT ON THE RETURN LINE OF EACH ZONE.
 2. EACH ZONE TO HAVE THE SAME VALVE BOX SETUP AND THEREAFTER CONNECTED.

Diagram illustrating the connection of a pressure dripper line to a PVC pipe manifold. The dripper line is shown following the contours of the ground, while the manifold is perpendicular to the grade.

SCOPE: DOMESTIC SEWAGE WILL FLOW BY GRAVITY THROUGH THE SEPTIC TANK THEN INTO A FLOW Dosing TANK. THE CENTRAL UNIT WILL DISTRIBUTE OF THE EFFLUENT BY ALTERNATELY DOSING MULTIPLE ZONES IN THE ABSORPTION AREA.

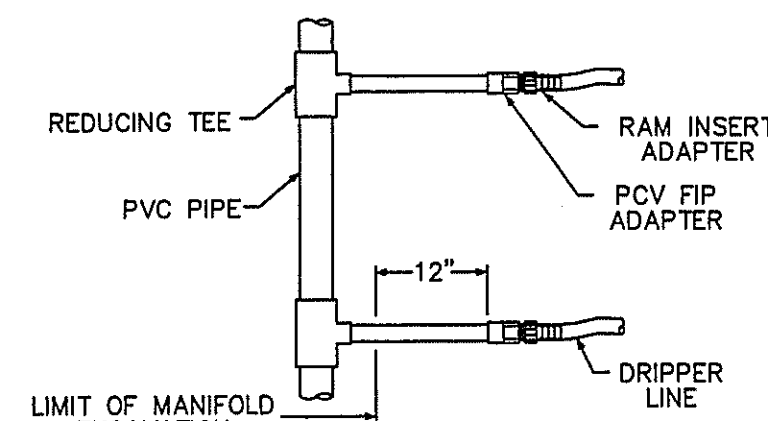
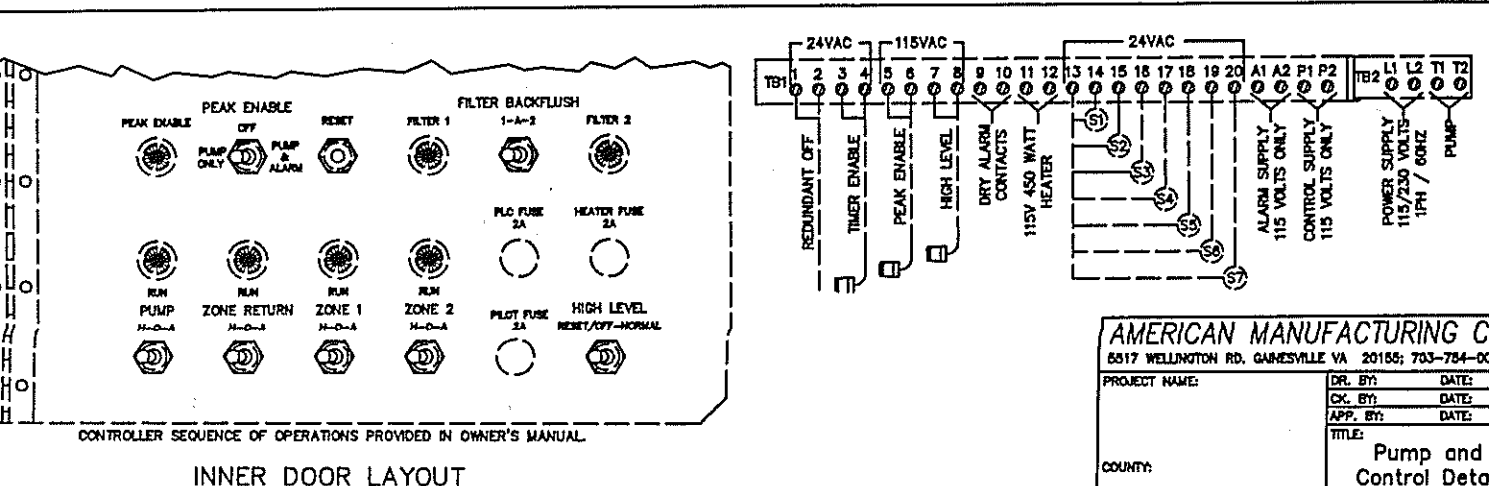
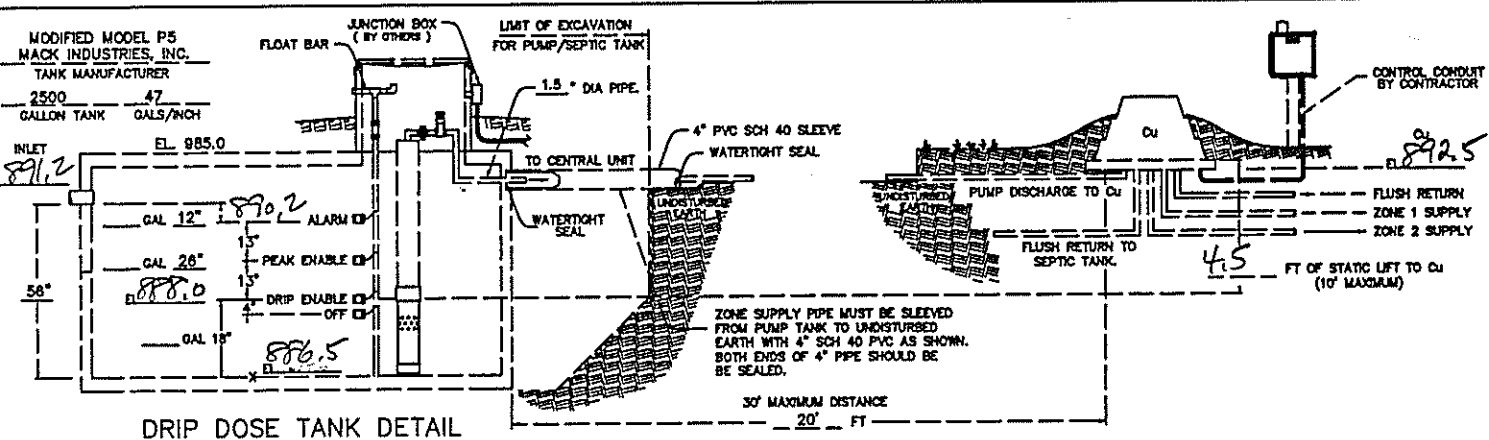
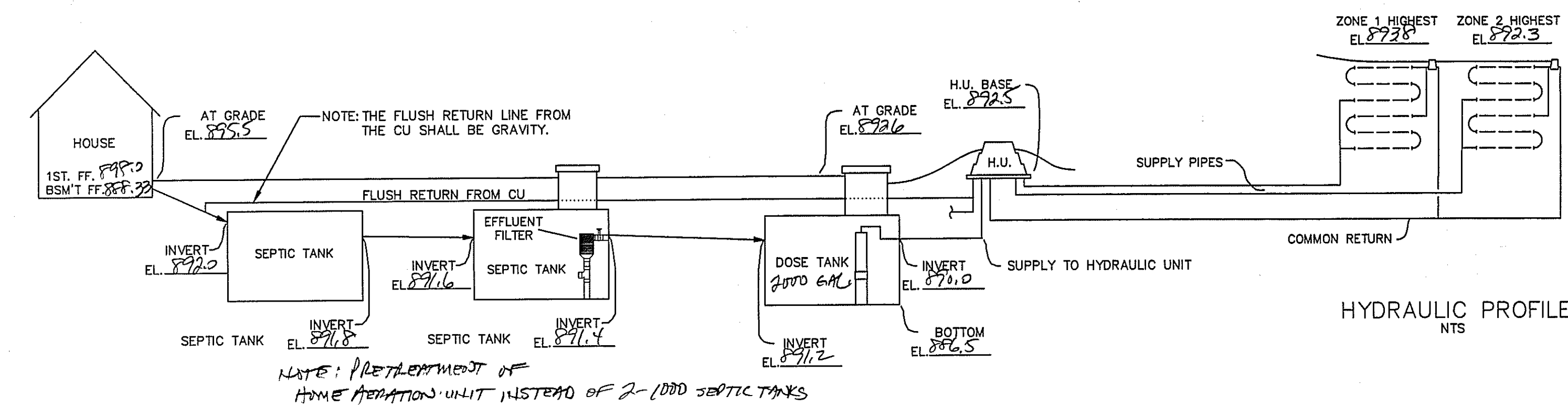
THE CENTRAL UNIT COMPRISES BOTH THE CONTROL AND THE HYDRAULIC UNITS.

AMERICAN MANUFACTURING CO.
5517 WELLINGTON RD. GAINESVILLE VA 20155; 703-754-0077

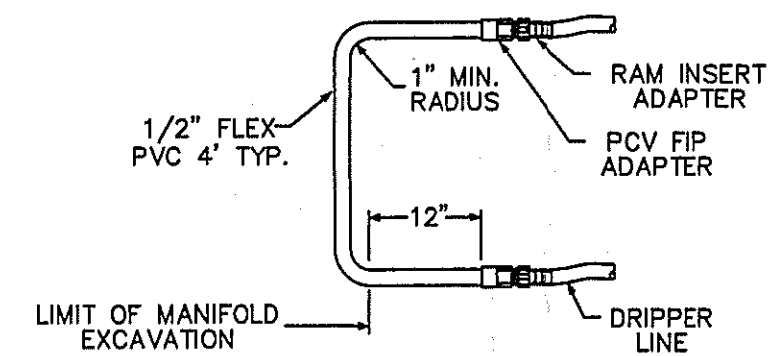
SHT 1	COVER SHEET
SHT 2	SITE PLAN
SHT 3	TREATMENT SCHEMATIC (MOUND DE
SHT 4	HYDRAULIC PROFILE & DRIP DETAIL
SHT 5	PUMP & CONTROL DETAIL
SHT 6	CALCULATION SHEET
SHT 7	PUMP CURVE

COUNTY:	COVER SHEET
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FILE:	SCALE:	SHEET	OF
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TYPICAL MANIFOLD CONNECTION
NTS



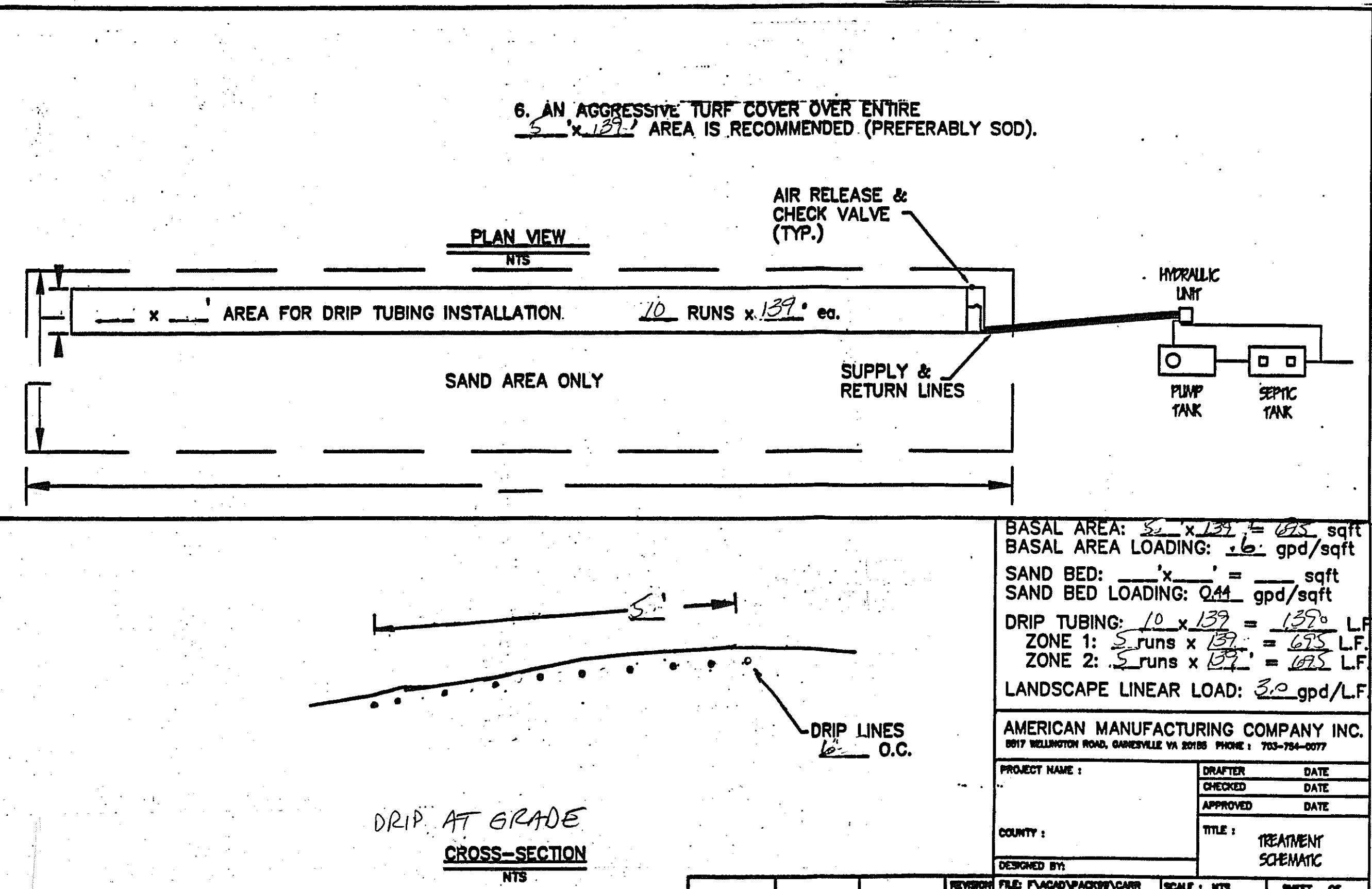
TYPICAL DRIP LOOP CONNECTION

AMERICAN MANUFACTURING CO.
5517 WELLINGTON RD. GAINESVILLE VA 20155; 703-754-0077

PROJECT NAME:	DR. BY:	DATE:
	CK. BY:	DATE:
	APP. BY:	DATE:
	TITLE:	

COUNTY:	Hydraulic Profile & Drip Detail
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FILE:	SCALE:	SHEET	OF
-------	--------	-------	----



BASAL AREA: $52' \times 139' = 6978$ sqft
 BASAL AREA LOADING: $.6$ gpd/sqft
 SAND BED: $\quad' \times \quad' = \quad$ sqft
 SAND BED LOADING: $Q44$ gpd/sqft
 DRIP TUBING: $10 \times 139 = 1390$ LF
 ZONE 1: $5 \text{ runs} \times 139' = 695$ LF
 ZONE 2: $5 \text{ runs} \times 139' = 695$ LF
 LANDSCAPE LINEAR LOAD: 3.0 gpd/LF

AMERICAN MANUFACTURING COMPANY INC.

8817 WELLINGTON ROAD, GARNESVILLE VA 20185 PHONE: 703-754-0077

PROJECT NAME :	DRAFTER	DATE
	CHECKED	DATE

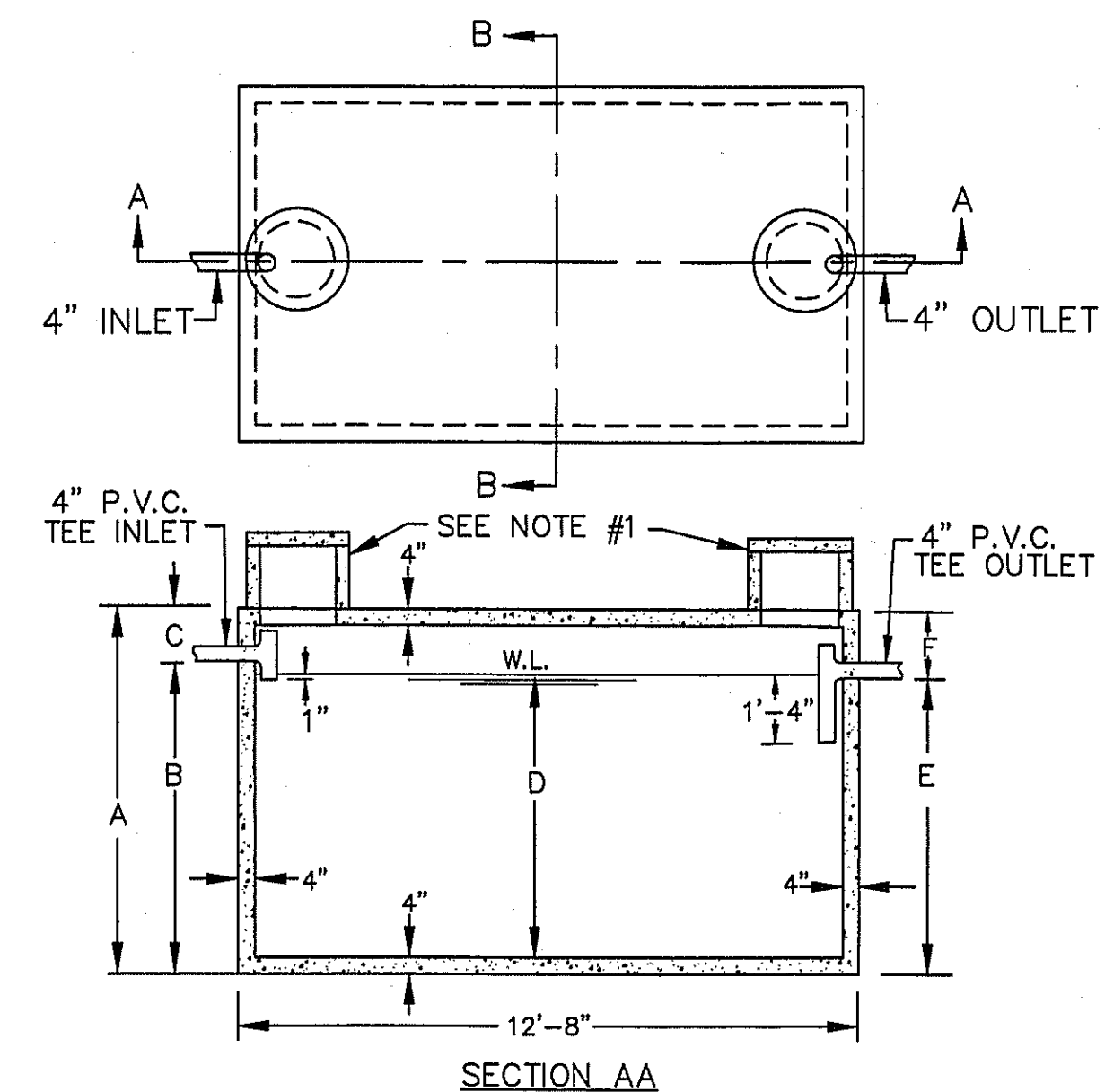
CHECKED	DATE
APPROVED	DATE

COUNTY :	TITLE :
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TREATMENT SCHEMATIC

DESIGNED BY:	SCHEMATIC
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CAPACITY GAL.	A	B	C	D	E	F
2000	5'-6"	4'-2"	1'-4"	3'-7"	3'-11"	1'-7"
2250	5'-6"	4'-7"	0'-11"	4'-0"	4'-4"	1'-2"
2500	6'-4"	5'-0"	1'-4"	4'-5"	4'-9"	1'-7"
3000	7'-4"	5'-11"	1'-5"	5'-4"	5'-8"	1'-8"
3500	8'-4"	6'-9"	1'-7"	6'-2"	6'-6"	1'-10"
4000	9'-4"	7'-8"	0'-8"	7'-2"	7'-5"	1'-11"
5000	10'-4"	9'-5"	0'-11"	8'-10"	9'-2"	1'-2"



NOTE: USE HOME OPERATION UNIT INSTEAD OF 2-1000 GAL SEPTIC TANKS.

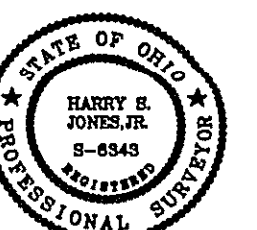
2,000-5,000 GALLON SEPTIC TANKS

SCALE: NONE	APPROVED BY	DRAWN BY T.A.S.
DATE: 9/23/74		REVISED

MACK INDUSTRIES, INC.

VALLEY CITY OHIO 44280

DRAWING NUMBER
P-5

[illegible]**bj**

BABCOCK, JONES AND ASSOCIATES, INC
CIVIL ENGINEERS - SURVEYORS - LAND PLANNERS
PAINESVILLE OHIO 44077

DATE	12/2/03
DESIGN BY	H.J.
DRAWN BY	B.P.
APPROVED BY	H.J.
CREW CHIEF	W.B.

SITE PLAN
FOR
TOM LONCAR

VIEWMOUNT DRIVE (P.P.# 8A-24B-³⁶~~22~~)
CONCORD TOWNSHIP LAKE COUNTY STATE OF OHIO

SCALE	NONE
JOB NO	05-224-B
SHEET	OF
2	2