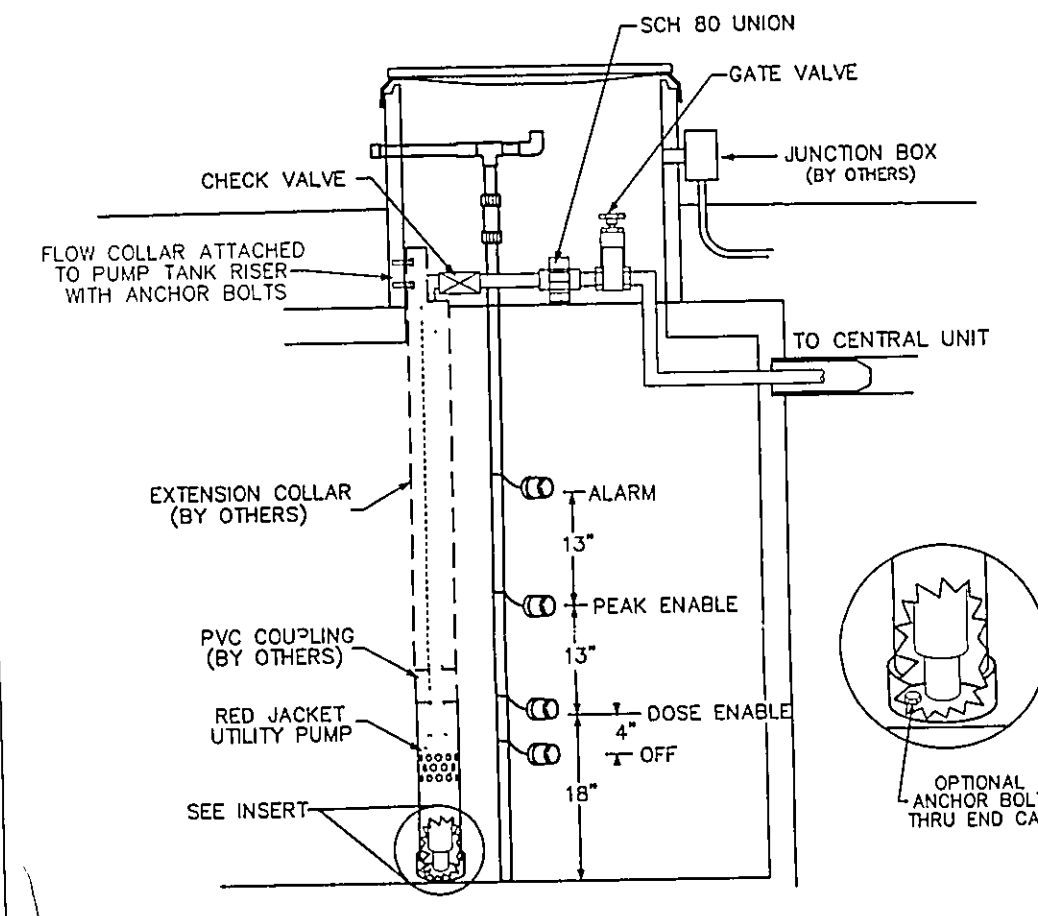


Temporary Seeding Species Selection			
Seeding Dates	Species	Lb./1,000 ft. ²	Per Ac.
March 1 to August 15	Oats	3	4 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
August 16 to November 1	Rye	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Wheat	3	2 bushel
	Tall Fescue	1	40 lb.
November 1 to Spring Seeding	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.

Note: Other approved seed species may be substituted.

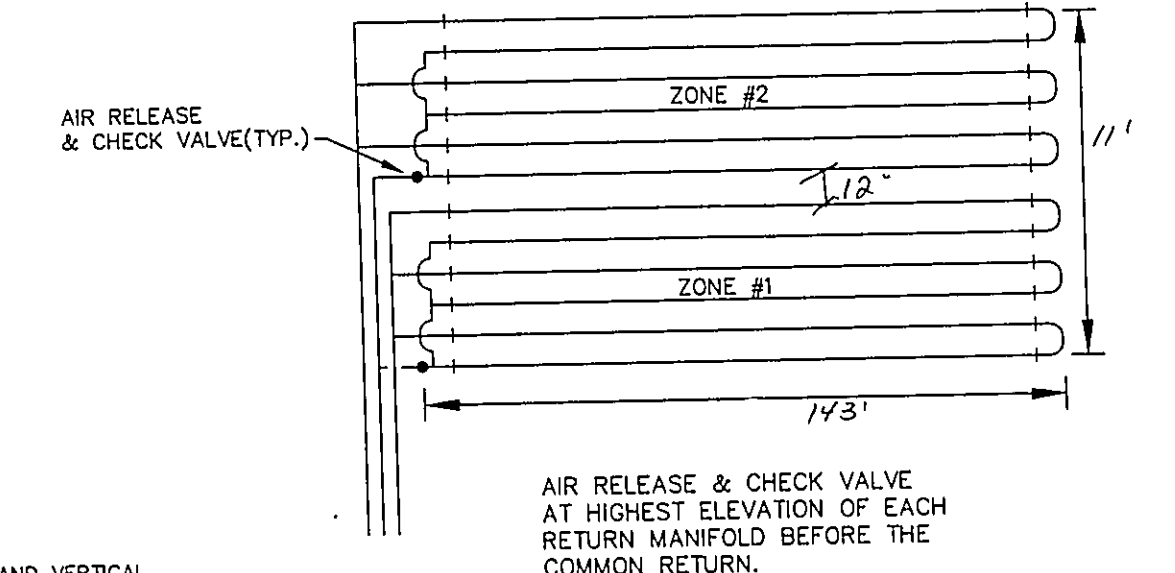
AERMOTOR MODEL: TEP20-50-115
1.25" DISCHARGE 1/16" MAX. SOLIDS HANDLING
0.5 HORSEPOWER 1 PHASE
115 VOLT 60 HZ
12.0 AMPS MULTI-STAGE CENTRIFUGAL



"I CERTIFY THIS SEWAGE SYSTEM DESIGN MEETS THE MINIMUM REQUIREMENTS ESTABLISHED BY THE LCHD IN THE HSTS GUIDANCE MANUAL, AND THE REQUIREMENTS AND RECOMMENDATIONS OF THE SYSTEM MANUFACTURER."

Harry J. Jones #343
Name Reg. No.

NOT TO SCALE



EXISTING UTILITIES NOTE:
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS.
WHERE PRACTICAL, HOWEVER, BABCOCK, JONES AND ASSOCIATES, INC. DOES NOT GUARANTEE THE COMPLETENESS OR ACCURACY THEREOF.

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By *L.S.* Date *9/30/05*

TBM - T.S.F.H.
ELEV - 1030.35

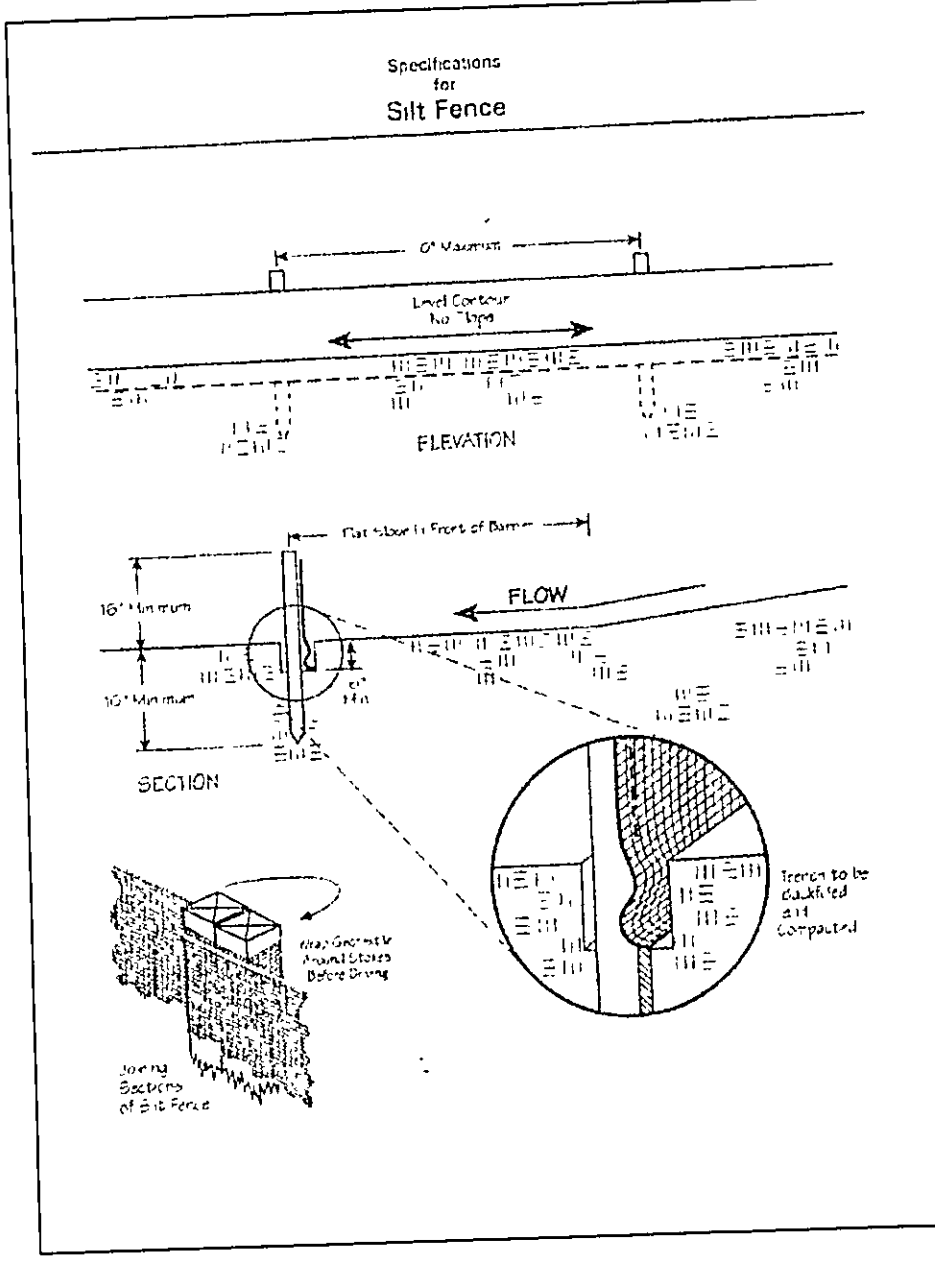
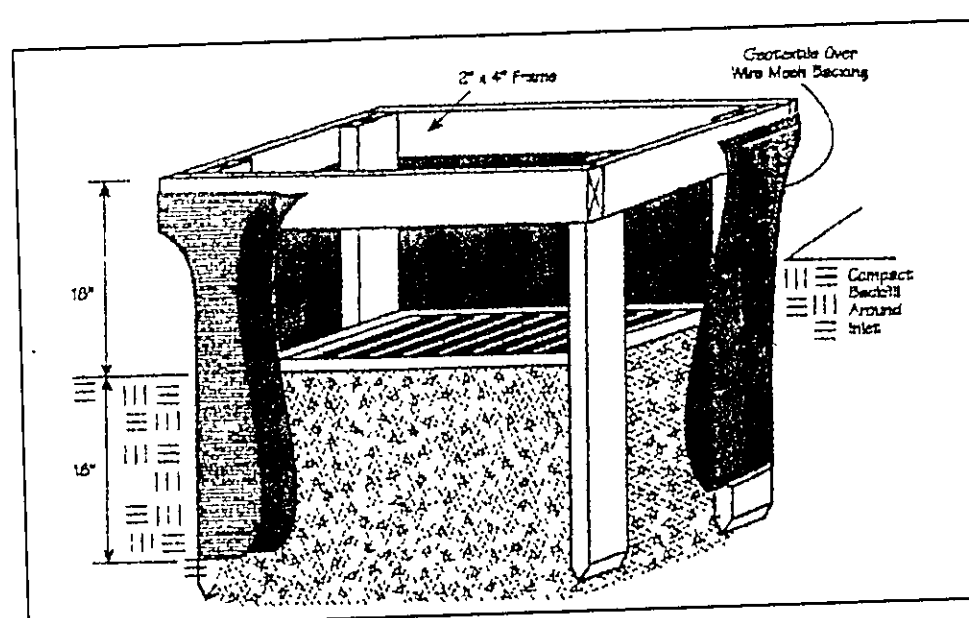
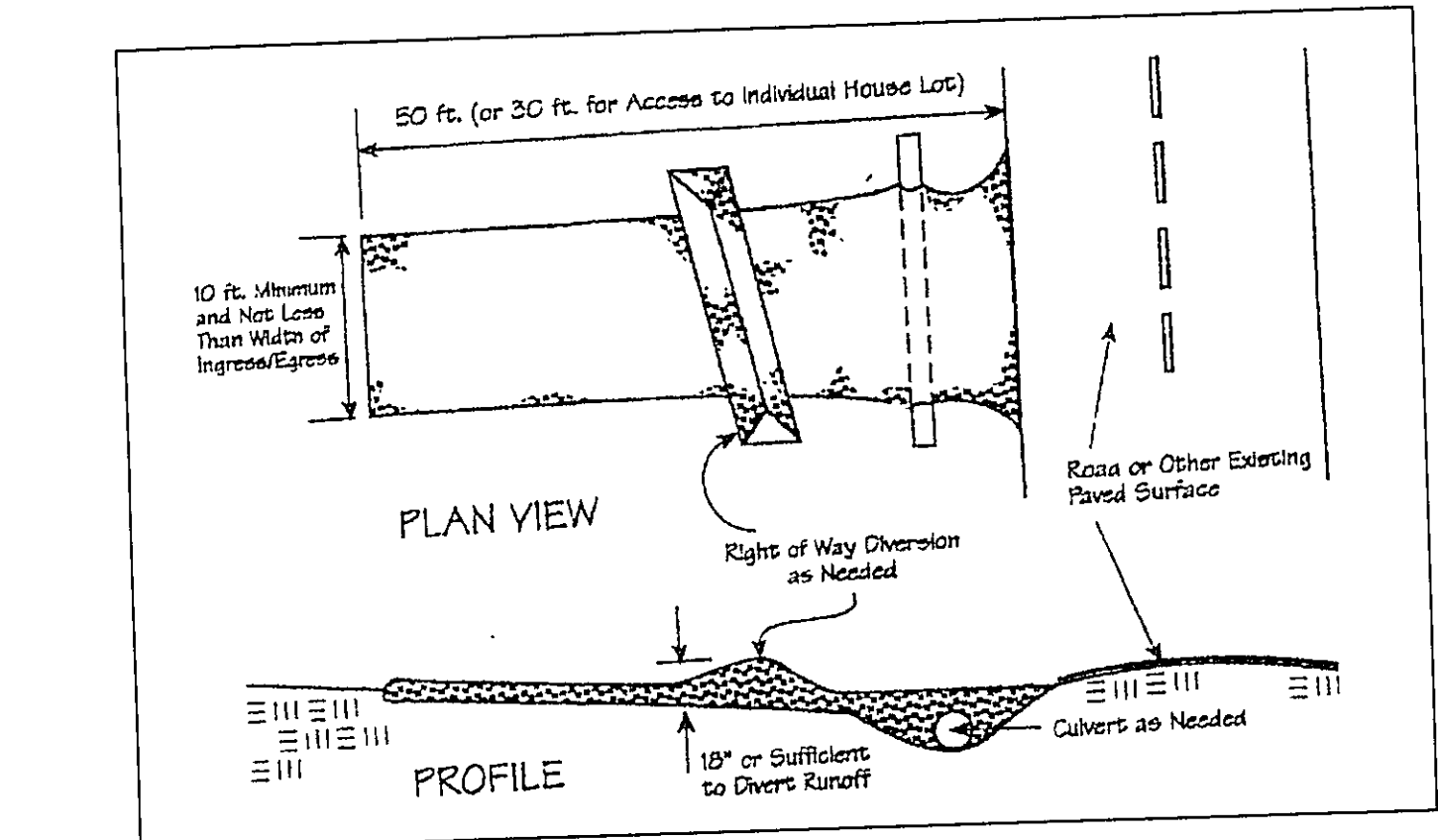


BABCOCK, JONES AND ASSOCIATES, INC
CIVIL ENGINEERS - SURVEYORS - LAND PLANNERS
PAINESVILLE OHIO 44077

DATE	9/2/05
DESIGN BY	H.J.
DRAWN BY	B.P.
APPROVED BY	H.J.
CREW CHIEF	E.H.

SITE PLAN
FOR
CRAIG LEVSTEK
PP# 8A-12H-16,17,21,23
TIMBER LANE (APPLE ORCHARD SUB)
LAKE COUNTY
CONCORD TOWNSHIP
STATE OF OHIO

SCALE	1"=20'
JOB NO	04-285-3
SHEET	1
OF	1



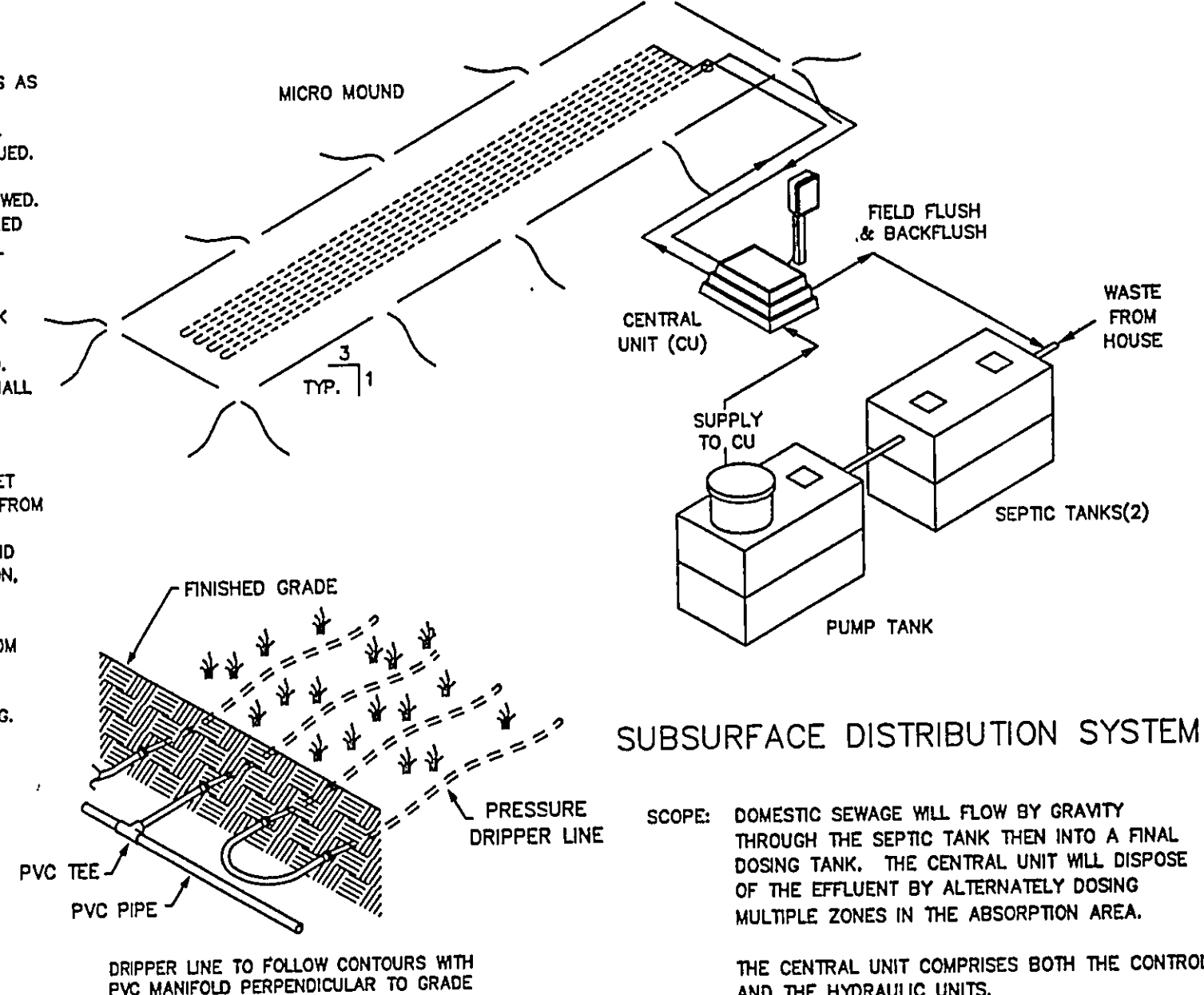
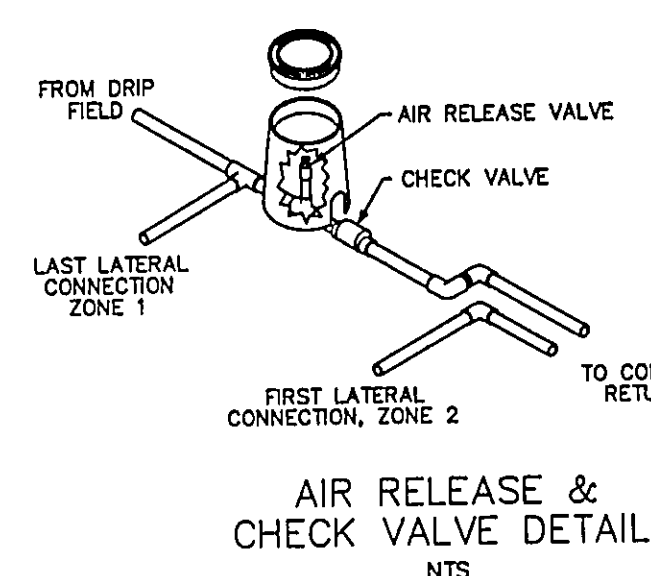
William JANE
Vol. 800-16, 1018
8A-12H-15

#8218
EXIST HSE
FF 1039.26

REV NO.	DESCRIPTION	DATE	BY	CHK'D
1	ELIMINATED WALKOUT BASEMENT	9-28-05	HJ	HJ

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 CLEARED 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 45 DEGREES. CLEANOUTS SHOULD BE PROVIDED EVERY 25 FEET. FOR CONSTRUCTION TECHNIQUES REFER TO THE "SEWAGE HANDLING AND DISPOSAL REGULATIONS".
10. IF TREES ARE TO BE REMOVED FROM SITE, CUT STUMPS FLUSH WITH GROUND. REMOVE BY HAND.
11. 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).
12. 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 ENSURE THE SYSTEM IS INSTALLED ACCORDING TO DESIGN.
13. IF 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.
14. DRAINFIELD SUPPLY AND RETURN LINES TO BE INSTALLED AT ADEQUATE DEPTH TO PREVENT FREEZING.



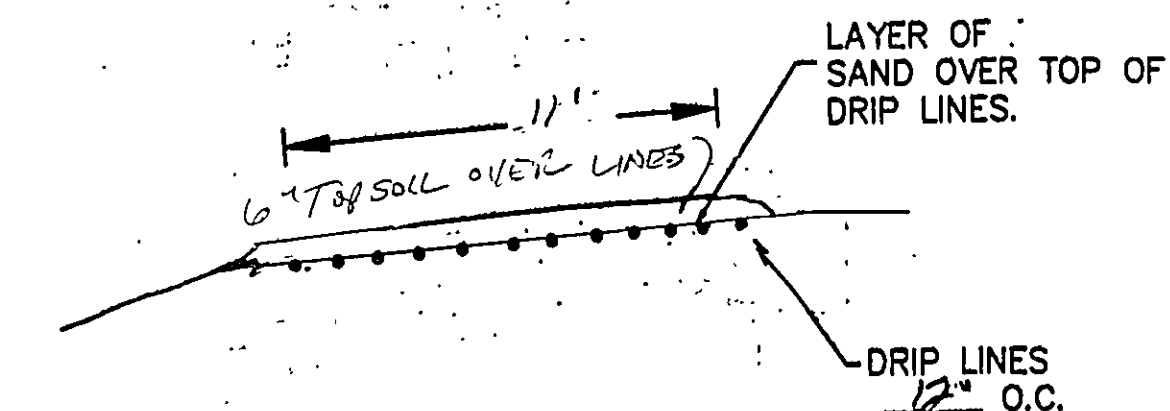
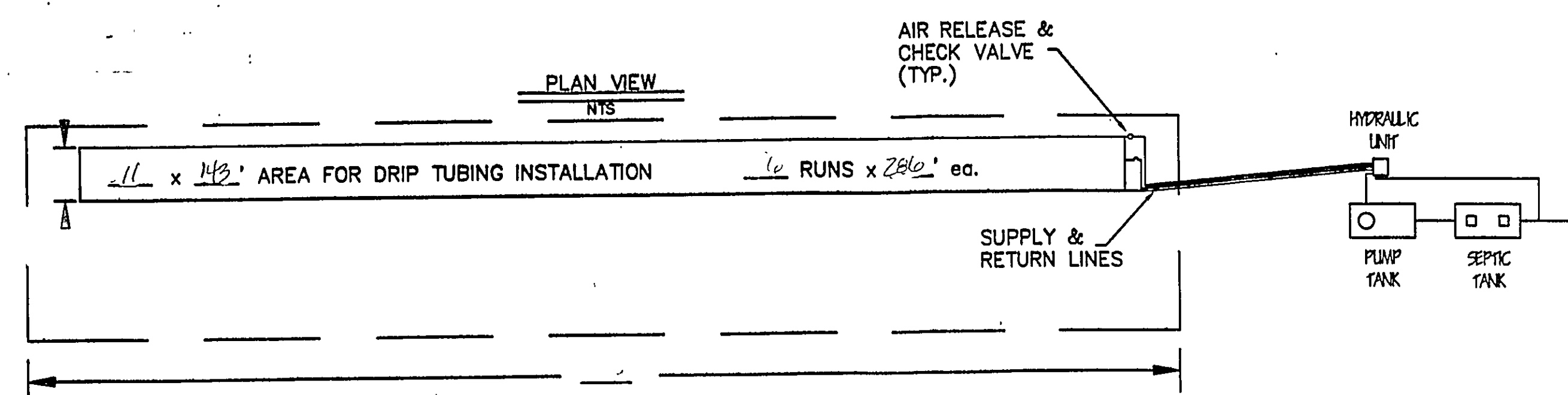
AMERICAN MANUFACTURING CO.
5517 WELLINGTON RD. GAINESVILLE VA 20155; 703-754-0077

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

COUNTY: _____ COVER SHEET

REV. FILE: _____ SCALE: _____ SHEET OF _____

6. AN AGGRESSIVE TURF COVER OVER ENTIRE 11' x 143' AREA IS RECOMMENDED (PREFERABLY SOD).



BASAL AREA: $11' \times 143' = 1573$ sqft
BASAL AREA LOADING: 4.4 gpd/sqft
SAND BED: _____ x _____ = _____ sqft
SAND BED LOADING: _____ gpd/sqft
DRIP TUBING: $6 \times 286' = 1716$ L.F.
ZONE 1: $3 \text{ runs} \times 286' = 858$ L.F.
ZONE 2: $3 \text{ runs} \times 286' = 858$ L.F.
LANDSCAPE LINEAR LOAD: _____ gpd/L.F.

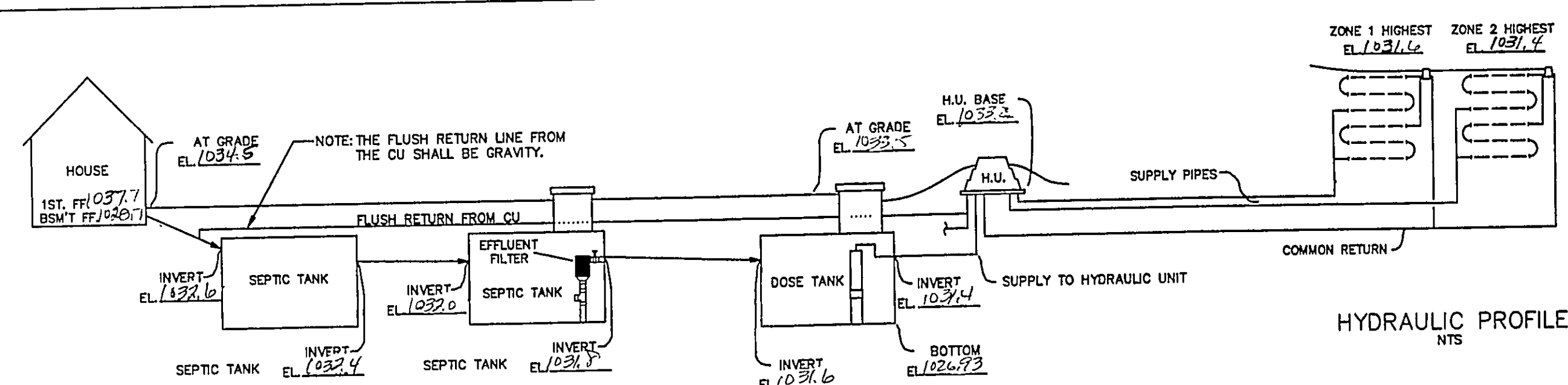
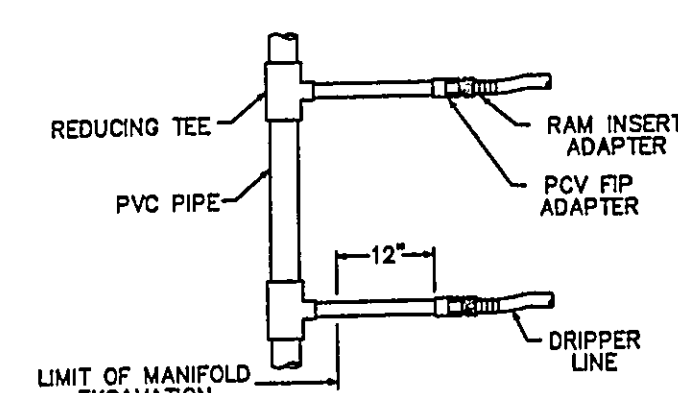
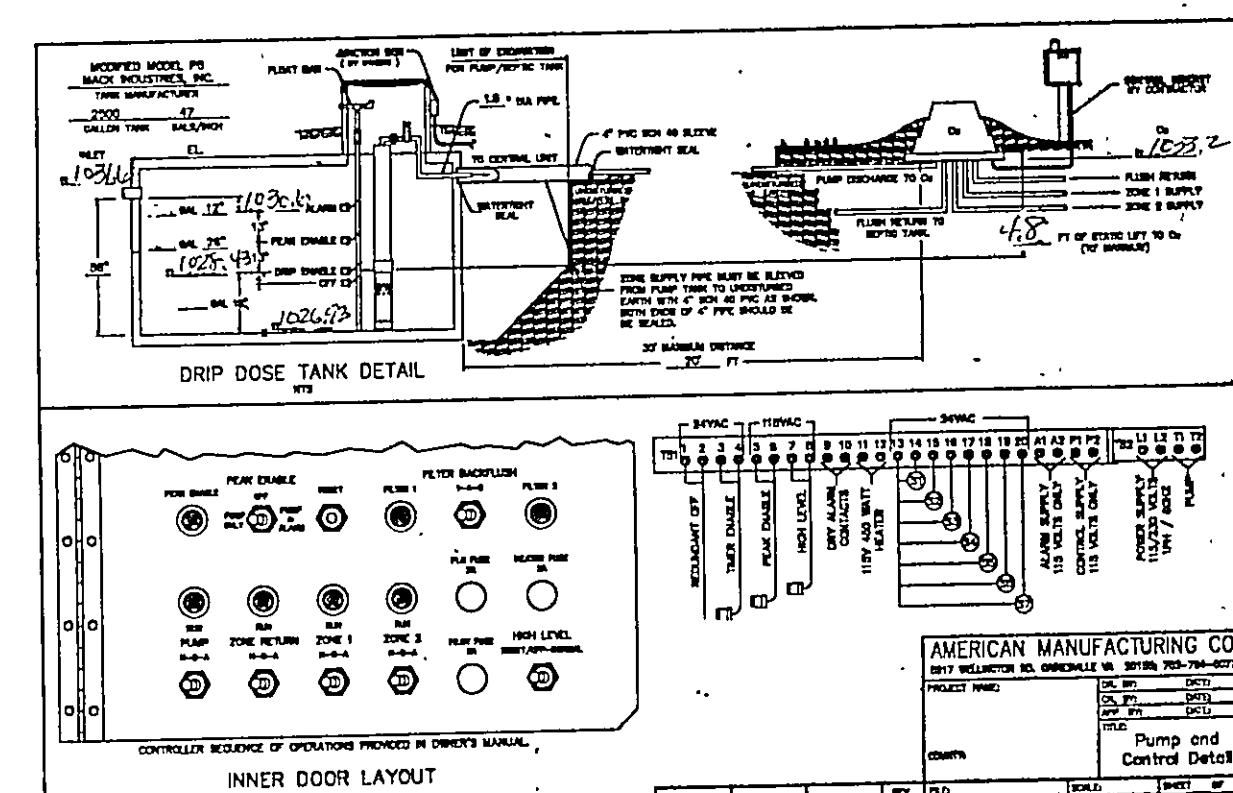
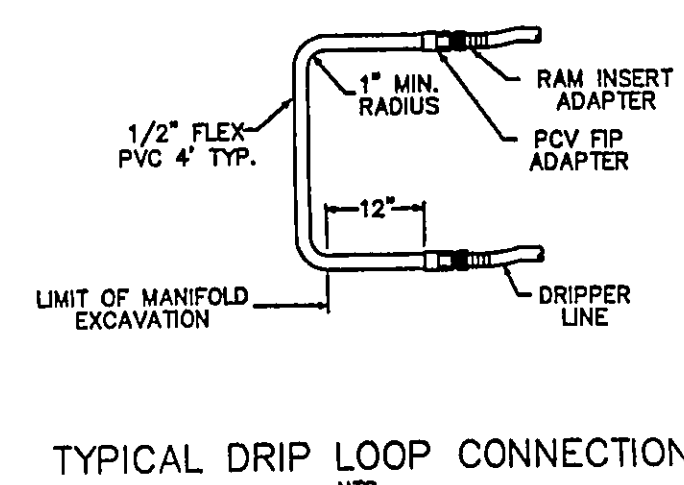
AMERICAN MANUFACTURING COMPANY INC.
5517 WELLINGTON ROAD, GAINESVILLE VA 20155 PHONE: 703-754-0077

PROJECT NAME: _____
DRAFTER: _____ DATE: _____
CHECKED: _____ DATE: _____
APPROVED: _____ DATE: _____

COUNTY: _____ TITLE: TREATMENT SCHEMATIC

DESIGNED BY: _____

REVISION FILE: F:\GAD\PACK99\CARR SCALE: NTS SHEET OF _____

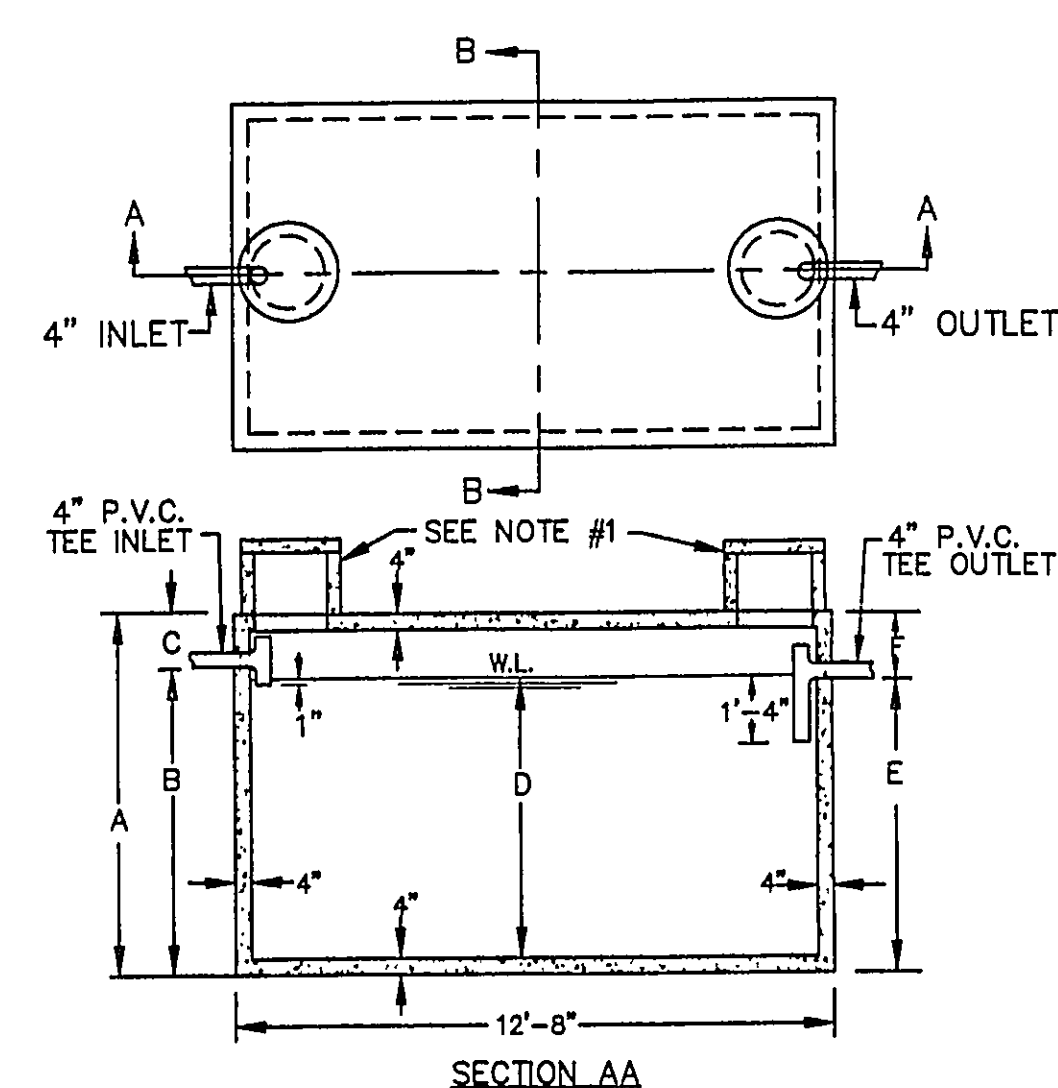
HYDRAULIC PROFILE
NTSTYPICAL MANIFOLD CONNECTION
NTSTYPICAL DRIP LOOP CONNECTION
NTS

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

REV. FILE: _____ SCALE: _____ SHEET OF _____



NOTES

- 18" DIA. CONC. PLUG WITH HANDLE IS STANDARD EQUIPMENT.
- 18" DIA. CONC. RISER, 15" OR 24" HIGH WITH CONC. LID IS OPTIONAL AT AN EXTRA CHARGE.

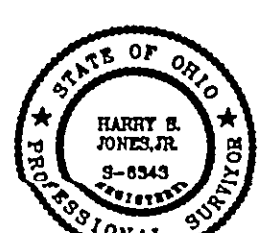
THE CONCRETE RISER ON THE OUTLET END WILL HAVE A MINIMUM 24" INSIDE DIAMETER.

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"	1'-8"	7'-1"	7'-5"	1'-11"
5000	10'-4"	9'-5"	0'-11"	8'-10"	9'-2"	1'-2"

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



REV. NO.	DESCRIPTION	DATE	BY	CHK'D
1	Revisions per L.C. Heston Detail	12-21-04	HT	HT
2		1-6-05	HT	HT
3		1-7-05	HT	HT
4	REVISION FOR CRAIG LEVSTEK	9-8-05	HT	HT



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

DATE: DEC. 2004
DESIGN BY: HT
DRAWN BY: HT
APPROVED BY: HT
CREW CHIEF: -

SITE PLAN
FOIR
CRAIG LEVSTEK
CONCRETE TOWNSHIP
LAKE COUNTY
OHIO

SCALE: NONE
JOB NO: 04-285-B
SHEET 2 OF 2