

PERCOLATION TEST

Hole #:	A	B
Depth of Perc (inches):	75"	N/A
Start Pre-Soak:	10:45	N/A
Time at 12":	N/A	N/A
Time at 9":	N/A	N/A
Time at 6":	N/A	N/A
Time (9"-6") (Min.):	N/A	N/A
Rate (Min./Inch):	<2 MPI	N/A

DESIGN COMPUTATION

DESIGN PERC. RATE: 5 M.P.I. EFFLUENT LOADING RATE: 0.74 gpd/sq.ft.

APPROVED & DESIGN WATER TABLE: 11.50' EL. 88.50

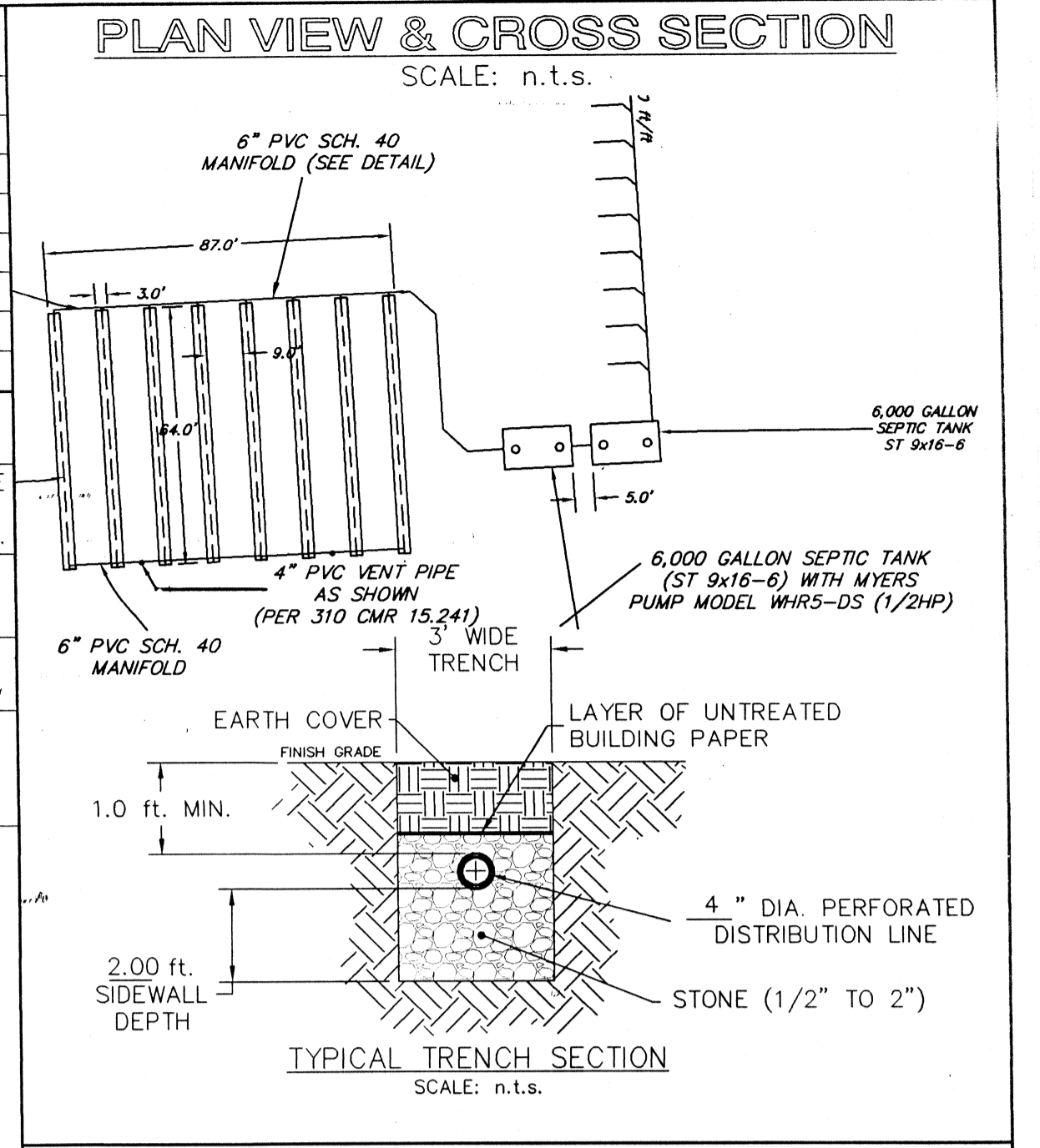
SEWAGE FLOW: 24 UNITS x 110 g/day = 2640 gal/day

SEPTIC TANK CAPACITY PROVIDED: 2x6000 GALLONS
 SIZE: 17' L x 10' W x 7'11" D

SEEPAGE SYSTEM: SYSTEM TYPE: BED

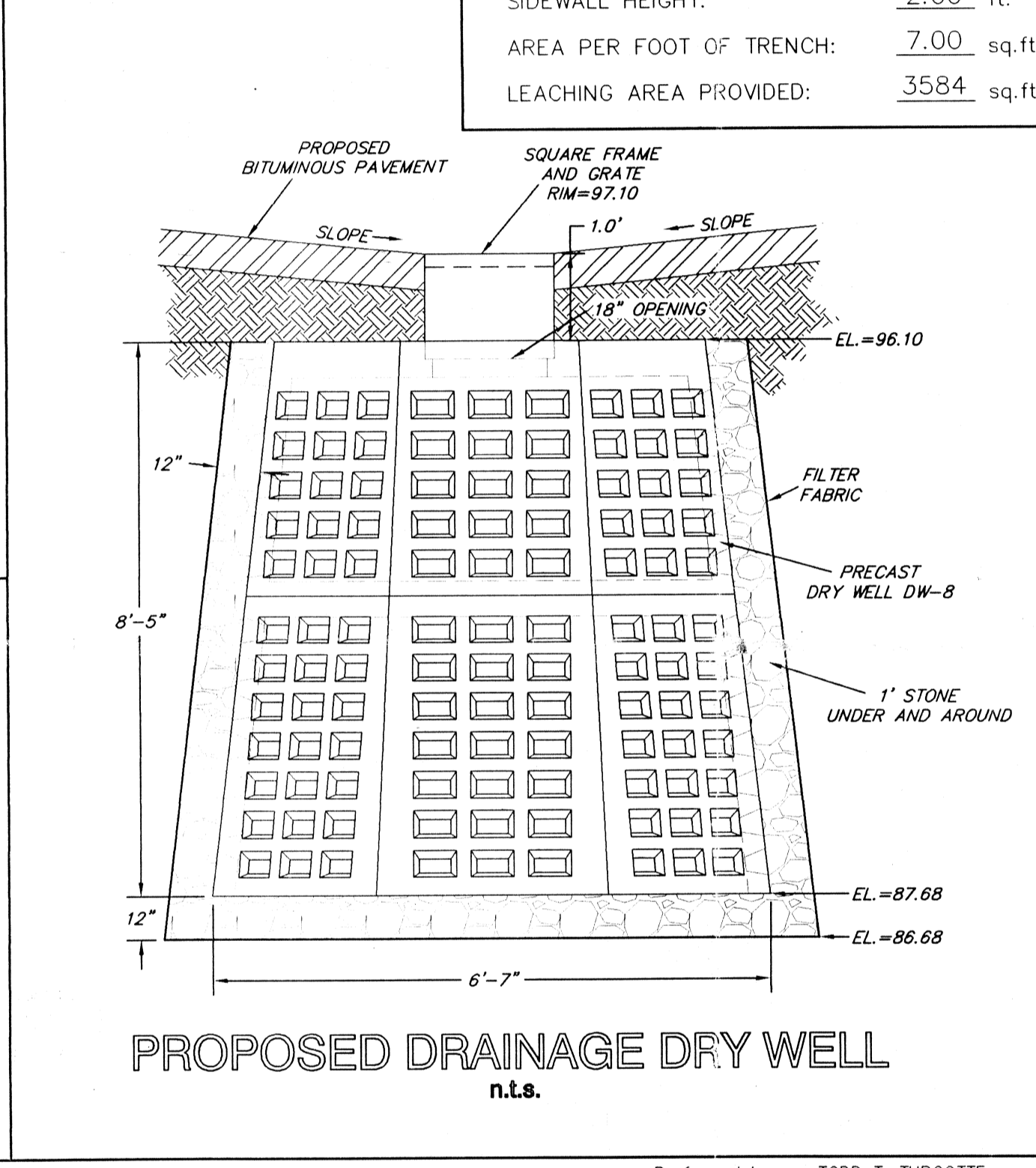
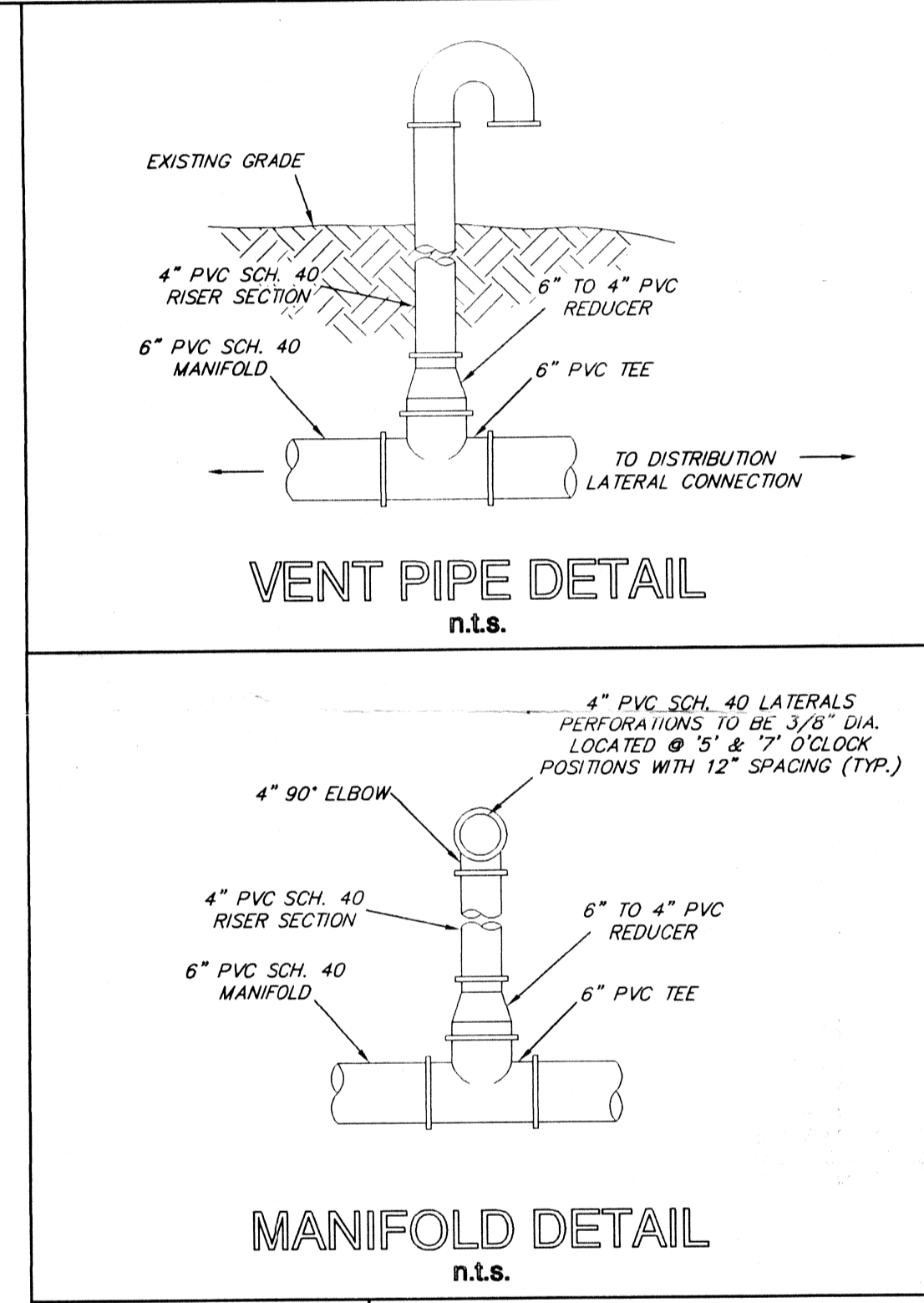
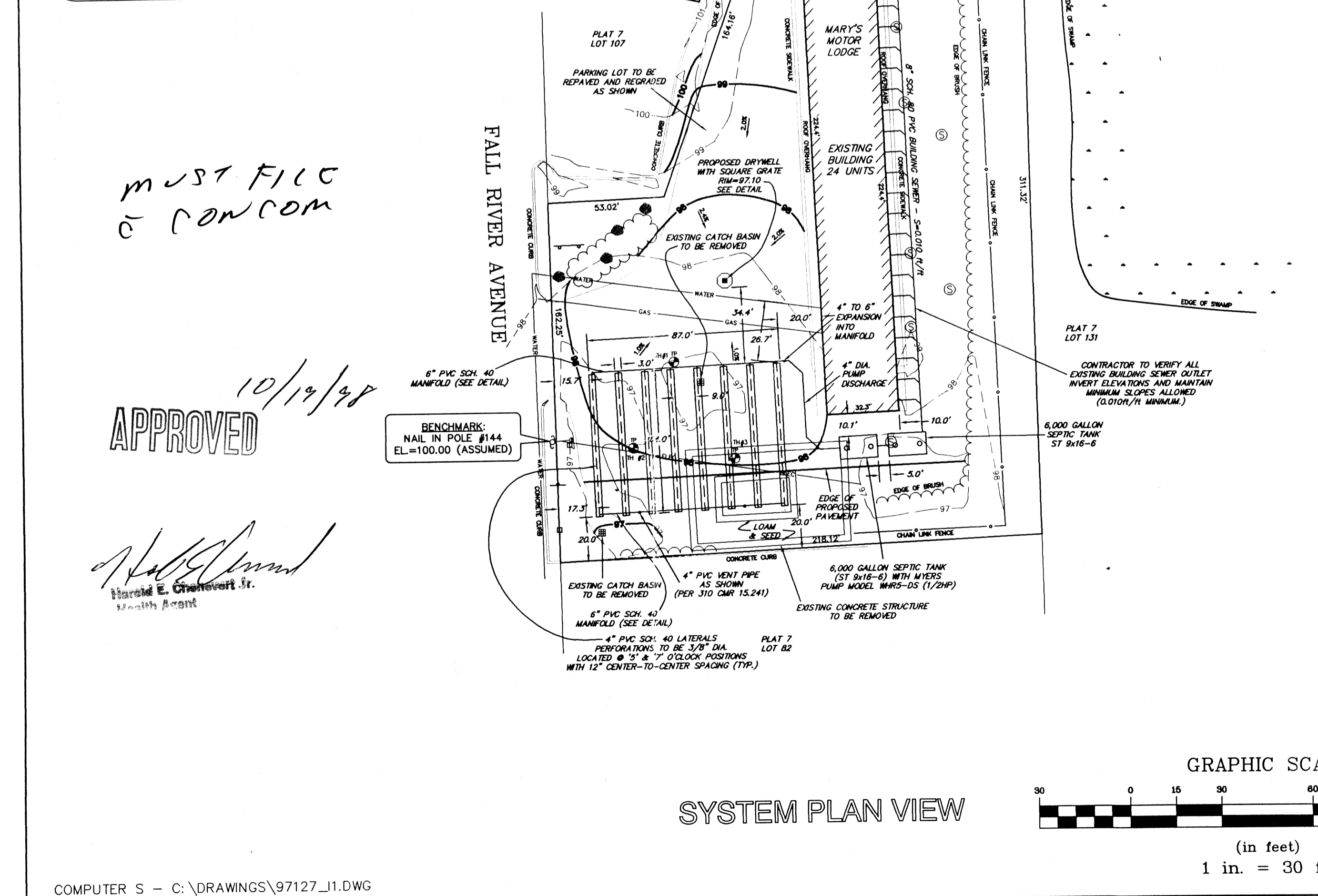
LEACHING AREA REQ'D: $\frac{2640 \text{ gpd}}{74 \text{ gpd/sf}} = 3568 \text{ sq. ft.}$

NUMBER OF TRENCHES: 8
 LENGTH OF EACH TRENCH: 64 ft.
 WIDTH OF TRENCH: 3.0 ft.
 SIDEWALL HEIGHT: 2.00 ft.
 AREA PER FOOT OF TRENCH: 7.00 sq.ft.
 LEACHING AREA PROVIDED: 3584 sq.ft.

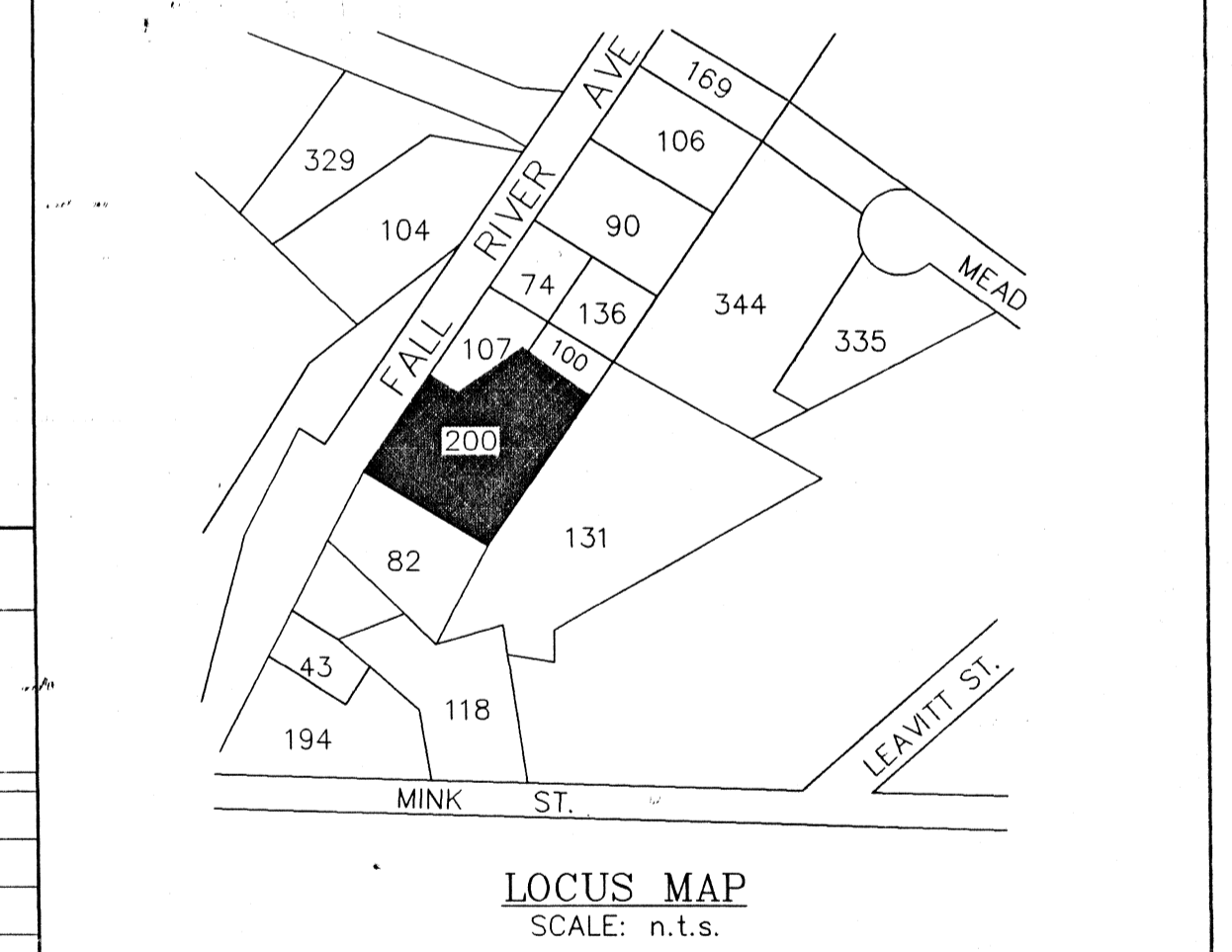


LEGEND

- P — PROPERTY LINE
- T — TREE AND BRUSH LINE
- - - - - EXISTING CONTOURS
- C — CHAIN LINK FENCE
- E — OLD UNDERGROUND ELECTRIC LINE
- W — EXISTING WATER LINE
- ⊙ — MANHOLE
- ⊕ — UTILITY POLE/TEL. POLE
- ⊙ — LIGHT POLE
- ⊠ — CATCH BASIN
- ⊡ — BOUND FOUND
- ⊙ — STAKE & TACK FOUND
- ⊙ — BOULDER
- S — SWAMP



- NOTES:**
- ALL BRUSH AND TREES WILL BE CLEARED WITHIN (10) FT. OF THE SYSTEM
 - A MINIMUM ELEVATION OF 95.83 (CORRESPONDING TO THE DIST. LINE INVERT ELEVATION) SHOULD BE MAINTAINED WITHIN 15 FT. OF ISDS.
 - ALL EXISTING AND PROPOSED PRIVATE WELLS WITHIN 150 FT. OF ISDS ARE SHOWN. ALL PUBLIC WELLS EXISTING OR PROPOSED WITHIN 400' ARE SHOWN.
 - THE AREA WITHIN (5) FT. OF THE SYSTEM WILL BE STRIPPED OF TOPSOIL AND SUBSOIL AND REPLACED WITH FILL IN ACCORDANCE WITH SPECIFICATION 15.255.3. REMOVE ANY & ALL DELETERIOUS MATERIALS. A MINIMUM OF 6" OF ISDS GRAVEL BELOW BOTTOM OF ISDS IS REQUIRED.
 - NO DRAINS OR PRESSURE WATER SUPPLY LINE EXIST OR ARE TO BE CONSTRUCTED WITHIN 25 FT. OF THE TRENCH, TANK OR 'D'-BOX.
 - ALL KNOWN ISDS WITHIN 150 FT. OF EXISTING OR PROPOSED WELL ARE SHOWN.
 - THE SYSTEM FOR THE SUBSURFACE DISPOSAL OF SANITARY SEWAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF THE COMMONWEALTH OF MASSACHUSETTS, DEPARTMENT OF ENVIRONMENTAL PROTECTION, "REGULATION FILING AND PUBLICATION (310 CMR 15.00)," AND LOCAL STANDARDS.
 - THE DESIGN INTENT IS TO MEET THE STATE STANDARDS. THE PREPARATION OF THIS PLAN DOES NOT GUARANTEE THAT THE SYSTEM WILL BE INSTALLED AS DESIGNED NOR DOES THIS PLAN GUARANTEE THE OPERATION OF THE SYSTEM.
 - THE AREA BETWEEN THE TRENCHES IS TO BE THE SYSTEM RESERVE AREA.



SEWAGE DISPOSAL SYSTEM
 for
MARY'S MOTOR LODGE
 PLAT 7, LOT 200
 1159 FALL RIVER AVENUE
 SEEKONK, MASSACHUSETTS 69-402

DEEP OBSERVATION HOLE LOG

Performed by: TODD T. TURCOTTE
 Witnessed by: HAROLD CHENEVERT

DEEP HOLE #	DEPTH FROM SURFACE (inches)	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL MOTTLING (inches) Abundance/Size/Contrast see below	OTHER (STRUCTURE, STONES, CONSISTENCY, % GRAVEL)
TH1	0-1.5"	PAVEMENT	-	-	-
	1.5"-40"	FILL	SAND	-	SOME PAVEMENT BEFORE 'B' HORIZON
	40"-63"	B	FINE SAND	NONE	FIRM
	63"-144"	C1	MEDIUM/COURSE SAND	⊙ 138" 2.5 YR 4/8	STRATIFIED SAND, FRIABLE (MANY PROMINENT)
	>144"	C2	FINE/MEDIUM SAND	2.5 YR 4/8	FIRM
TH2	0-1.5"	PAVEMENT	-	-	'A' HORIZON HAS BEEN REMOVED
	1.5"-42"	FILL	-	-	'A' HORIZON HAS BEEN REMOVED
	42"-63"	B	FINE SAND	NONE	FIRM
	63"-105"	C1	STRATIFIED SAND	NONE	MEDIUM/COURSE/FRIABLE
	105"-144"	C2	FINE SAND	NONE	FRIABLE
	⊙ 144"	C3	COURSE SAND	2.5 YR 4/8	FRIABLE (MANY PROMINENT)
TH3	0-1.5"	PAVEMENT	-	-	'A' HORIZON HAS BEEN REMOVED
	1.5"-69"	FILL	SAND	-	'A' HORIZON HAS BEEN REMOVED
	69"-90"	B	FINE SAND	10 YR 5/8	FIRM
	90"-138"	C1	MEDIUM/COURSE SAND	⊙ 138" 2.5 YR 4/8	STRATIFIED SAND, FRIABLE (MANY PROMINENT)
	>138"	C2	FINE/MEDIUM SAND	2.5 YR 4/8	FIRM (MANY DISTINCT)

DISTANCES FROM:

Hole #:	TH1	TH2	TH3
Open Water Body:	>150'	>150'	>150'
Possible Wet Area:	>130'	>130'	>130'
Drinking Water Well:	N/A	N/A	N/A
Drainage (Swale at Road):	63'	47'	50'
Property Line:	55'	35'	45'
Other (specify):			

MOTTLING

Abundance	Size	Contrast
f: few	1: fine	f: faint
c: common	2: medium	d: distinct
m: many	3: coarse	p: prominent

DEPTH TO GROUND WATER

Hole #:	TH1	TH2	TH3
Standing Water in Hole:	N/A	N/A	N/A
Weeping from Pit Face:	N/A	N/A	N/A
High Ground Water:	138"	144"	138"

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