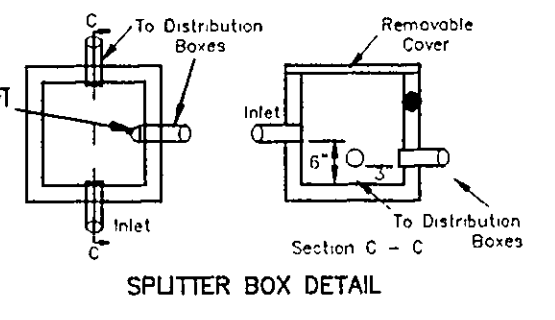
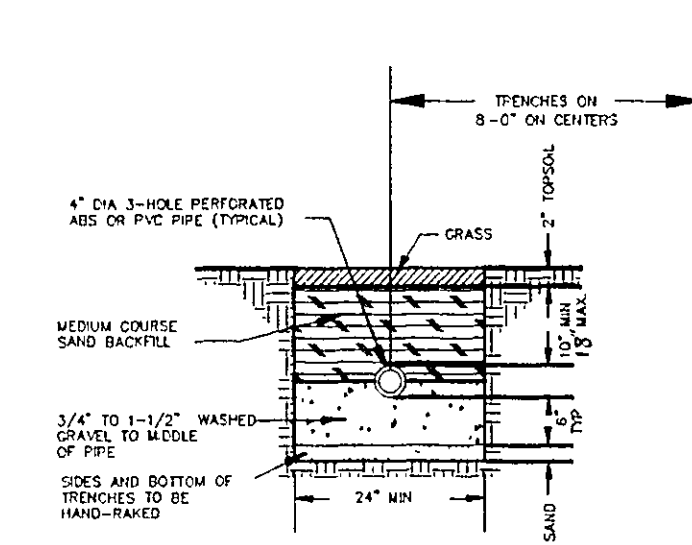


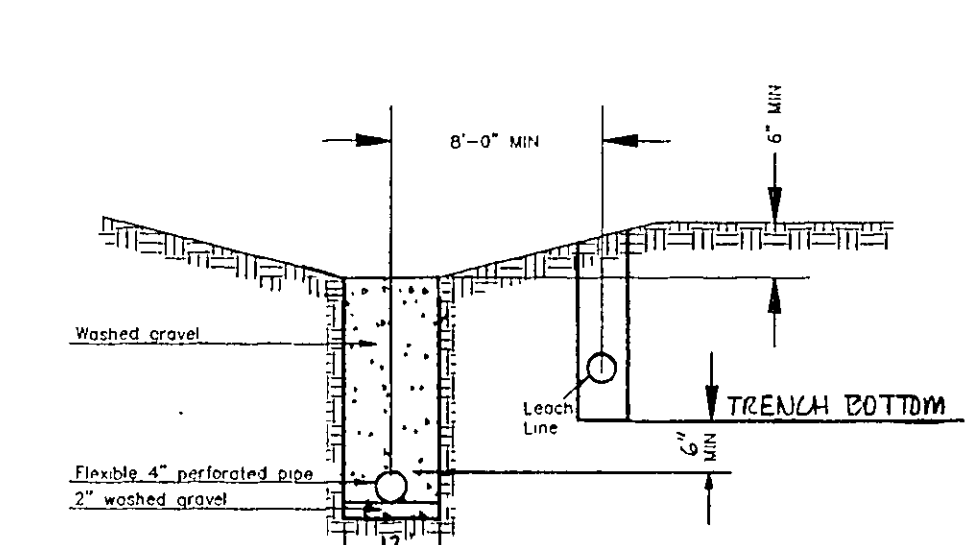
PLUMBER'S PLUG OR OTHER UTILIZATION SEAL DEVICE



DISTRIBUTION BOX SECTION



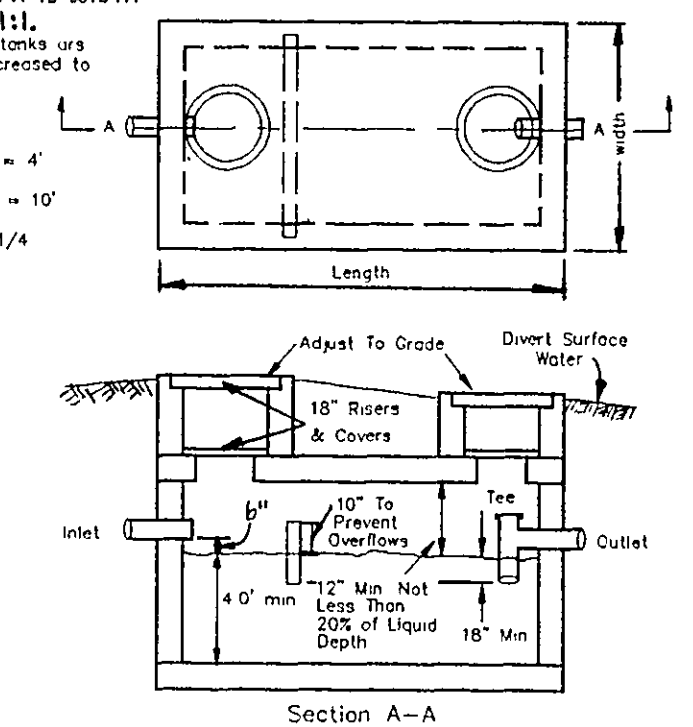
TYPICAL EVAPOTRANSPIRATION TRENCH DETAIL



TYPICAL CURTAIN DRAIN CROSS SECTION

EXISTING UNDERGROUND UTILITIES NOTE: THE SIZE AND LOCATION BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A DILIGENT AND COMPREHENSIVE SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL. HOWEVER, LDC, INC. DOES NOT GUARANTEE THE COMPLETENESS, NOR ACCURACY THEREOF.

1. RATIO OF LENGTH TO WIDTH TO DEPTH: 1:1:1. If dual compartment tanks are used, this may be increased to 4:1:1 (overall).
2. Maximum width = 10'
3. Minimum liquid depth = 4'
4. Maximum liquid depth = 10'
5. Minimum free board, 1/4 liquid depth

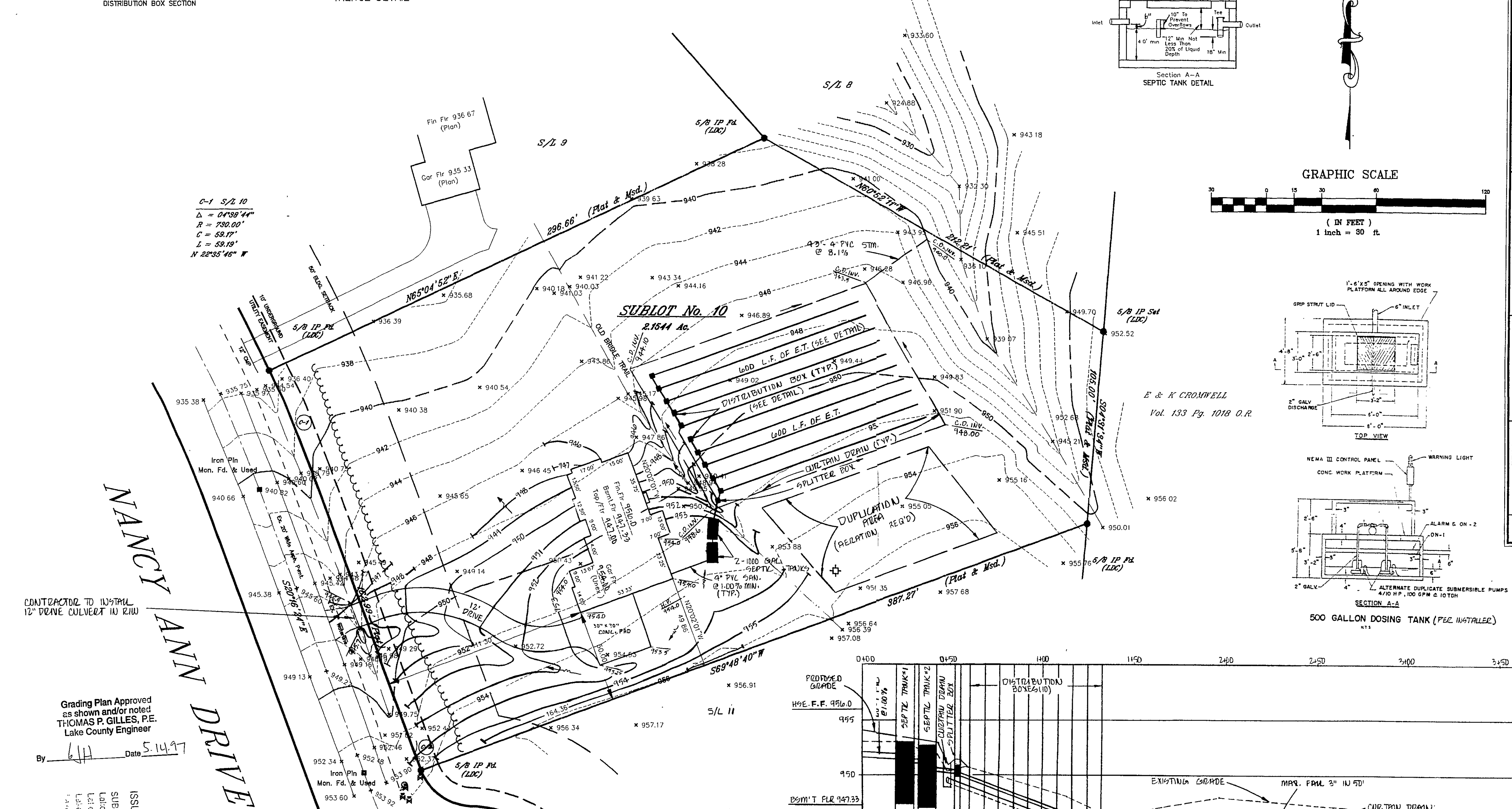
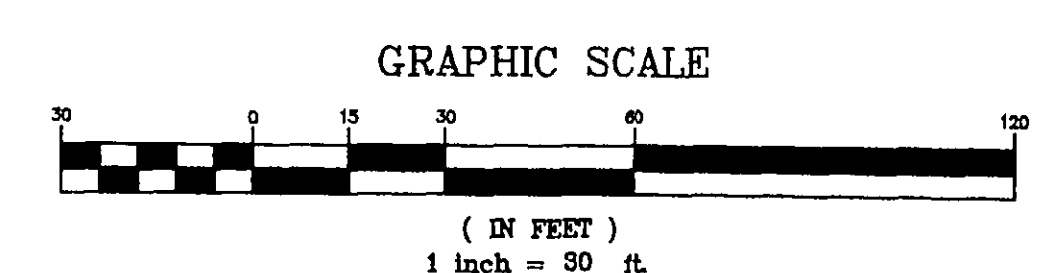


Section A-A SEPTIC TANK DETAIL

REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL
HEALTH DISTRICT

DATE: 5.2.97
SIGNED: David B. Norris

SEWAGE DISPOSAL PERMIT MUST BE OBTAINED BY A LAKE COUNTY LICENSED INSTALLER BEFORE INSTALLATION IS STARTED



CONTRACTOR TO INSTALL 12" DRAIN CULVERT IN ROW

Grading Plan Approved as shown and/or noted THOMAS P. GILLES, P.E. Lake County Engineer

By: [Signature] Date: 5.14.97

ISSUED: 5/5/97

ZONING PERMIT #057-8720

SUBJECT TO APPROVAL BY: Lake County Sanitary Eng. Lake County Eng. Dept. Lake County Planning Comm. Lake County Ride Dept.

SITE PLAN

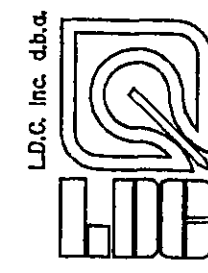
for : MORELAND CONSTRUCTION CLIENT

8865 SANCTUARY DRIVE ADDRESS KIRTLAND HILLS CITY

10 CALL WOODS SUBDIVISION. VOL. PAGE

8.9.10 SUBLOT No. SUBDIVISION NAME

1 CONCORD TOWNSHIP OHIO



LAND DESIGN consultants
Civil Engineers and Surveyors
8885 EAST AVENUE MONITOR, OHIO 44060
TELEPHONE 255-8483 354-8936 951-LAND

DESIGN CERTIFICATION

THIS PLAT WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME: [Signature] 6.1.97

CHECK LIST

- LOT DIMENSIONS & BEARINGS
- TO NEAREST STREET
- SUBLOT No. (PARCEL No.)
- SURROUNDING OWNERS
- EXISTING DIMENSIONS
- SETBACK, SIDEYARD, REARYARD
- EXISTING DRIVE
- DRIVE & APRON TYPE, WIDTH, THICKNESS
- SURFACE MATERIAL, THICKNESS
- EXISTING CURB
- CURB TYPE, DRAIN, LENGTH
- WATER MAIN SIZE, LOCATION
- SAN. SEWER SIZE, LOCATION
- SAN. MAN. CAST. ELEV., INV. ELEV.
- SAN. MAN. SIZE, GRADE, LOC.
- STORM SEWER SIZE, GRADE, LOC.
- STORM MAN. CAST. ELEV., INV. ELEV.
- PARTY TYPE, GRADE, CURBS
- GAS LINE LOC., SIZE
- SEPTIC SYSTEM & DUPLICATION
- WELL LOCATION & ISOLATION RADIUS



"AS BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE 1997 AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME: [Signature]

LEGEND		DRAWN BY		SCALE	
STORM MANHOLE	●	TOP	TOP/DWG	1"	30'
SANITARY MANHOLE	○	CHK'D BY	CHK'D BY	RAT	DATE
EXISTING CONTOURS	---	1			4/09/97
PROPOSED CONTOURS	---	2			
EXIST. ELEV. 100.0					
100.0 PROP. ELEV.					
DIRECTION OF SURFACE DRAINAGE					
ACCEPTED:					
CLIENT					
DATE					

BENCHMARK

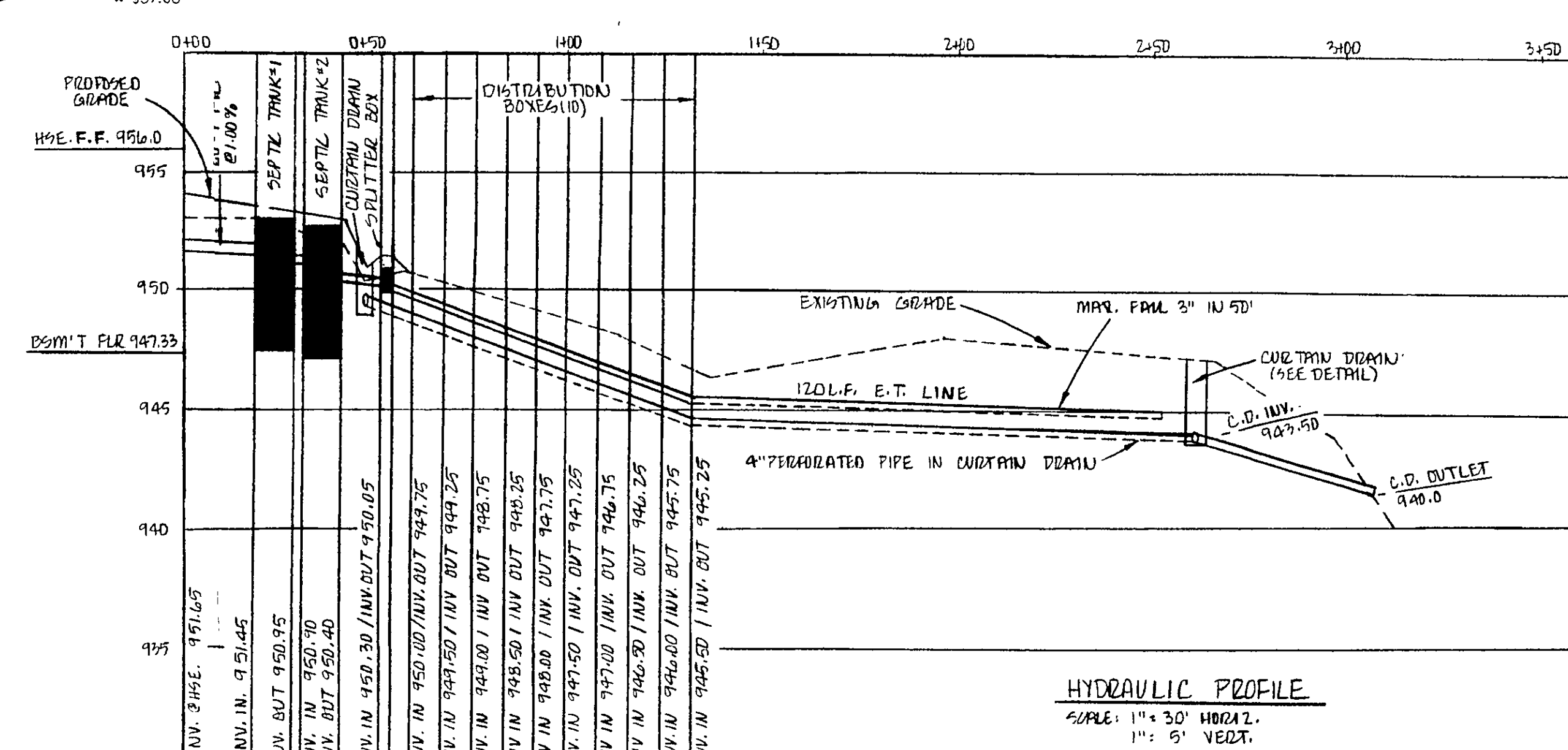
TOP/HYDRANT IN FRONT S/L 10-11

956.78

-SEE ARCHITECT PLANS FOR COMPLETE HOUSE DIMENSIONS

"I, THE UNDERSIGNED HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 6", 1' OR 2' CONTOURS, AND ELEVATIONS SHOWN HEREON REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME, ON THE 12 DAY OF 1997 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON."

NAME: [Signature] REG NO. 7383



HYDRAULIC PROFILE

SCALE: 1" = 30' HORIZ. 1" = 5' VERT.



DWG. NAME
MOREC1-9701