

for MICHAEL HACKETT CLIENT

CLIENT	OWNER
224455 LAKESHORE BLVD. (APT. 1809)	EXCLIND, O
ADDRESS	CITY
STREET	

SUBPLOT NO.	SUBDIVISION NAME	VOL.	PAGE
7438, A	FAIRSVILLE TOWNSHIP		
LOT, TRACT		OHIO	

REMARKS

ALL BOUNDARY DATA SHOWN WAS OBTAINED FROM (DEEDS, RECORDED SUBDIVISION PLAT OR OTHER PUBLIC RECORDS). LOCATIONS AS SHOWN OF ADJACENT WELLS AND SEPTIC TANKS OBTAINED FROM LAKE COUNTY HEALTH DEPARTMENT.

LEGEND

SANITARY MANHOLE --- ●
PROPOSED CONTOURS ---
EXIST. ELEV. → 100.0
100.0 → PROP. ELEV.

WATER VALVE (GAS) --- II
DIRECTION OF
SURFACE DRAINAGE
↓

CHECK LIST

NO. OF BEDROOMS
DIMENSIONS
BEARINGS
TIE TO NEAREST STREET
SUBLOT NO. PARCEL NO.
SURROUNDING OWNERS
BLDG. DIMENSIONS FIN. GR.
BLDG. TIES FLR. GRADIS
APRON TYPE WIDTH THICKNESS
SIDEWALK TYPE WIDTH THICKNESS
CULVERT TYPE DIA. LENGTH
ROCK OUTCROPPINGS

WATER MAIN SIZE, LOCATION
SAN. SEWER SIZE, GR. LOC.
SAN. MH, CAST. ELEV., IN. ELEV.
SAN. CONN. SIZE, LOC. DEPTH
STORM SEWER SIZE, GR. LOC.
STORM MH, CAST ELEV., INV. ELEV.
PAVT. TYPE, GRADE, CURBS
GAS LINE LOC. SIZE, PRESSURE
SEPTIC TANK LOCATION &
DUPLICATION AREA
WELL LOCATION
ISOLATION RADIUS FROM WELL

DESIGN CERTIFICATION

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

NAME [Signature] SURVEYOR REGISTRATION NO. 6753

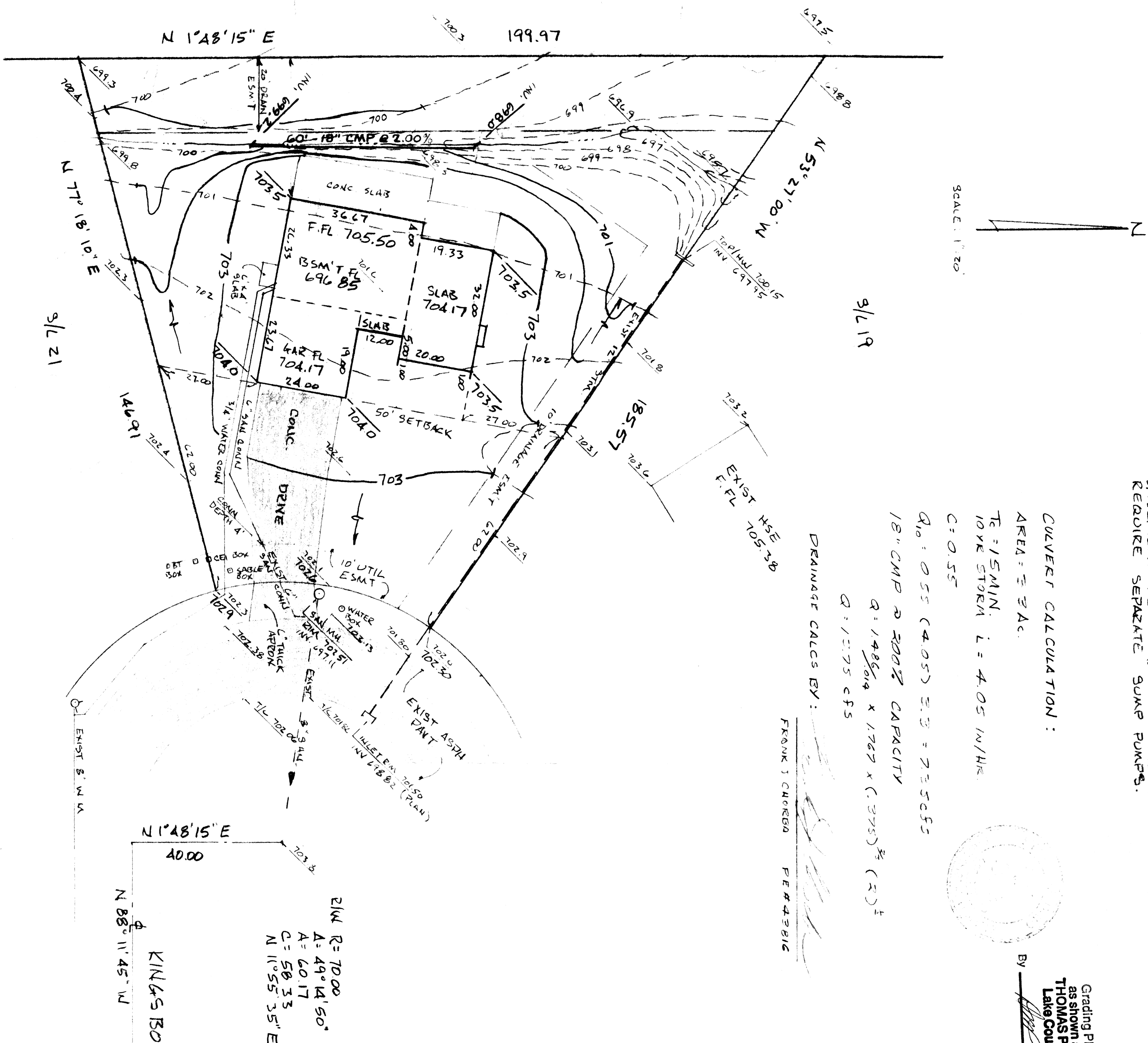
"AS BUILT" CERTIFICATION
I HEREBY CERTIFY THAT THE CIRCLED GRADES ARE EXIST-
ING GRADES OBTAINED ON THE SITE ON _____
19____ AND ARE CORRECT TO THE BEST OF MY KNOWL-
EDGE AND BELIEF.



LDC INC., dba
LAND DESIGN consultants
8485 EAST AVE.
MENTOR OH 44060
951-LAND 255-8463

		DRAWING NO
1	3-17-87	WLM
2		CHKD.
3		DATE 8-8-87
		CREW D L
		CHIEF
		APPD.
		87-175

TSM. SAN M.H. RIM IN FRONT OF S/L ZOO
ELEN 702 51



NOTES:
BASEMENT FLOOR DRAINS AND FOOTER DRAINS WILL REQUIRE SEPARATE SUMP PUMPS.

CONVERT CALCULATION:

$$\Delta REA = \frac{1}{3} \Delta C$$

$T_c = 15 \text{ MN}$
10YR STORM $L = 4.05 \text{ IN/HR}$

 $C = 0.55$
$$Q_{10} = 0.55 (4.05) = 2.2 = 2.25 \text{ cfs}$$

18" CMP @ 200% CAPACITY

$$Q = \frac{1.486}{.014} \times 1.767 \times (.375)^{\frac{3}{4}} (2)^{-\frac{1}{4}}$$
$$Q = 13.75 \text{ cfs}$$

DRAINAGE CALCCS BY:

FRANK J CHOEBD PE # 43810

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

By  Date 8/1/11

THOMAS P. GILLES, P.E.
Lake County Engineer