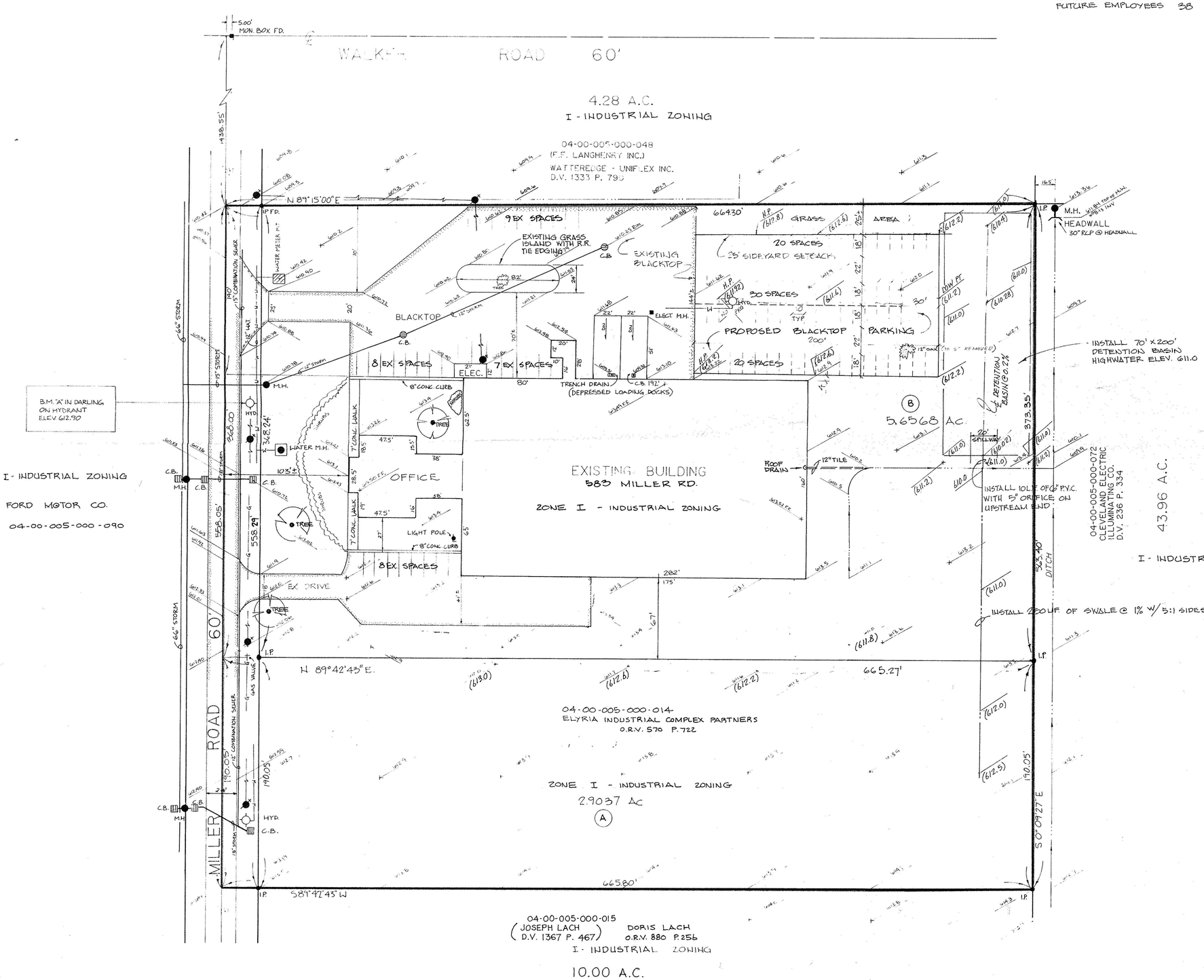
PARKING SUMMARY	
EXISTING SPACES	32
PROPOSED SPACES	70
TOTAL	102
PRESENT EMPLOYEES	66
FUTURE EMPLOYEES	38

N

GRAPHIC SCALE
0 10 20 40 100

GROSS AREA OF EX'G PARKING	43,399 S.F.
GROSS AREA OF NEW PARKING	24,875 S.F.
TOTAL PARKING AREA	68,274 S.F.
2½% GREENSPACE	1,707 S.F.
EXISTING GREENSPACE	1,844 S.F.



TR-55 STORAGE VOLUME FOR DETENTION BASINS VERSION 1.11

Project: MILLER ROAD User: PAR Date: 05/13/92

County: LORAIN State: OH

Subtitle:

Drainage Area: .57 acres Rainfall Frequency: 10 years

Rainfall-Type: II

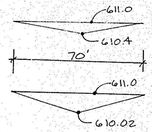
Runoff: 3.26 inches

Peak Inflow: 2.1275 cfs

Peak Outflow: .41 cfs

Detention Basin Storage Volume: 1.51 inches or 0.1 acre feet

STORAGE VOLUME



200 x 27.65 = 5530 C.F.
REQUIRED = 5481 C.F.

ORIFICE SIZE

$Q = 0.6 \pi \frac{d^2}{4} \sqrt{2gh}$ TRY 5" ORIFICE

$.041 = 0.6 \cdot 3.14 \frac{0.42^2}{4} \sqrt{2 \cdot 32.2 \cdot 0.56}$

#22282

APPROVED LORAIN CO. MAP DEPT
DATE 9/22/97
PAGE 4-A
BY K. Colbert

SITE DEVELOPMENT PLAN

SURVEY MAP

AVON TOWNSHIP SECTION NO. 5
CITY OF AVON LAKE COUNTY OF LORAIN
STATE OF OHIO

SCALE: 1"=40'

MAY 5, 1992
REV. 7-25-97

PREPARED BY:
KS ASSOCIATES INC.
ENGINEERS SURVEYORS

REG. SURV. NO. 6333

JOB NO. 92-162