

GENERAL ENGINEERING

Balls n' Host

NAME

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TEAM MEMBER(S)

Lab 05: Digital Logic

LAB NUMBER, TITLE & DATE

ACCEPTED BY

BY2

SECTION

PAGE of

EACH BOX = 1/8"



Barn₁



Barn₂



hen



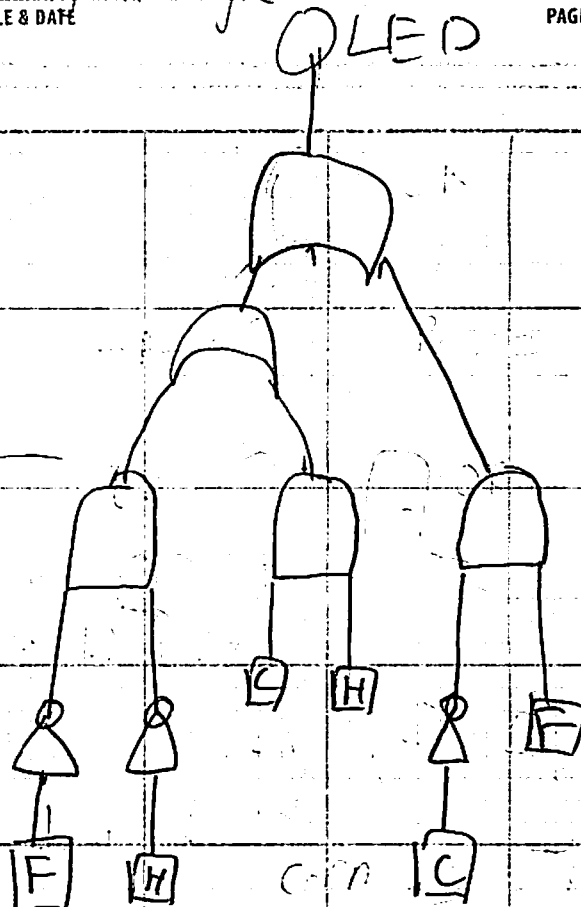
fox



corn

F	H	C	A
0	0	0	1
0	0	1	1
0	1	0	0
0	1	1	1
1	0	0	1
1	0	1	0
1	1	0	1
1	1	1	1

Barn



$$\bar{F}\bar{H}\bar{C} + \bar{F}\bar{H}C + \bar{F}HC + F\bar{H}\bar{C} + F\bar{H}C + FH\bar{C} + FH C = \bar{F}\bar{H}\bar{C} + \bar{F}\bar{H}C + \bar{F}HC + F\bar{H}\bar{C} + F\bar{H}C + FH\bar{C} + FH C$$

K-map:

	$\bar{F}\bar{H}$	$\bar{F}H$	$F\bar{H}$	FH
\bar{C}	1	1	0	0
C	0	1	1	1

$$A = \bar{F}\bar{H} + \bar{C}\bar{F} + CH + FH + \bar{C}F$$