

OWNERS DEDICATION

We, Richard M. Hollowell and Mildred Hollowell, his wife, and Louise H. Adams, owners of the property shown and described hereon, adopt this plan of subdivision and reserve the fee simple title to the beds of the streets and/or roads shown hereon, and in consideration of the approval of this plat by the Planning Commission of Howard County, we for ourselves, our heirs or assigns do hereby give and grant unto the Board of County Commissioners of Howard County the right and option to acquire for the consideration of one dollar the fee simple title to the beds of the streets and/or roads shown hereon, within the period of five years from date of the recording of this plat among the land records of Howard County.

Witness our hands and seals this 23rd day of May 1963

Richard M. Hollowell
Richard M. Hollowell

Mildred E. Hollowell
Mildred Hollowell

Louise H. Adams
Louise H. Adams

ENGINEERS CERTIFICATE

I, hereby certify that the plan shown hereon is correct; that it is a subdivision of the secondly described parcels of land which by deed dated November 4, 1960 and recorded among the Land Records of Howard County in Liber No. 364, folio 656 etc. was granted and conveyed by Katherine D. Jones, widow, to Richard M. Hollowell and wife and Louise Adams, and that iron pipes marked thus o and concrete monument marked thus m are in place as shown hereon. I further certify that the requirements of Section 72A to 72D of the Annotated Code of Maryland (Title Clerk of Court - Subtitle Clerk of Circuit Court) as far as they relate to the marking of this plat and setting of markers have been complied with.

Claude M. Skinner Jr.
Claude M. Skinner Jr. Reg. Engineer & Land Surveyor No. 2237

**MAP OF
MILL GREEN SECTION TWO
FOURTH ELECTION DISTRICT OF HOWARD COUNTY
DAISY, MARYLAND
SCALE: 1 IN. = 100 FT. MAY, 1963**

PLAT APPROVED BY

6-12-63 Wilmer M. Sanner
Date Wilmer M. Sanner, Chairman of Planning Commission

6-12-63 Thomas G. Harris
Date Thomas G. Harris, Planning Director

6-11-63 Herman S. O'Neill
Date Herman O'Neill, County Roads Supervisor

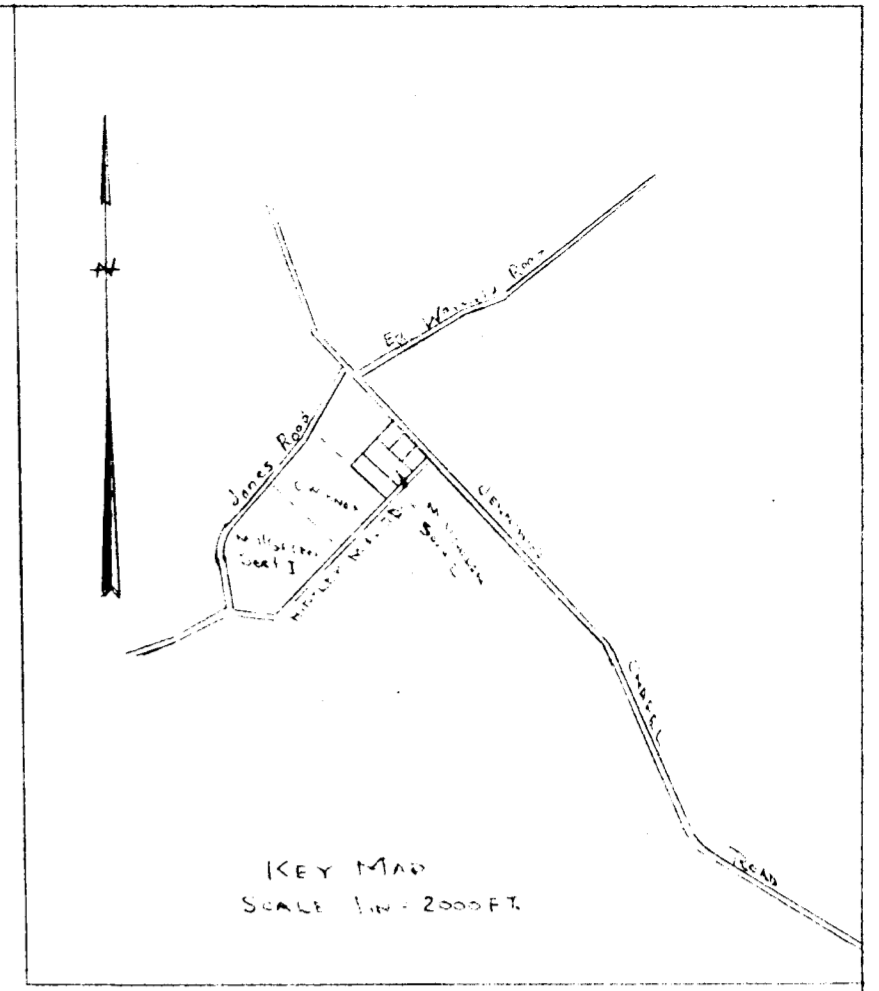
6-12-63 Carl W. Meyer
Date Carl Meyer, Chief Engineer of the Metropolitan Commission

CURVE DATA

CURVE	RADIUS	ANGLE	ARC	TANGENT	CHORD
D	853.65'	07°22'22"	109.85'	55.00'	S36°53'11"E 109.77'
E	25.00'	93°01'54"	40.84'	26.36'	S05°56'35"W 36.28'

COORDINATES - ASSUMED
AREA IN LOTS 7.660 ACRES
AREA IN ROADS .802 ACRE
TOTAL 8.462 ACRES

RECORDED PLAT BOOK 9 FOLIO 31
19 AMONG THE LAND RECORDS OF
HOWARD COUNTY, MD.



RECEIVED
 MAY 2 1963
 HOWARD COUNTY
 PLANNING COMMISSION

PRELIMINARY PLAN
 M. G. GARDNER, DISTRICT
 ENGINEER
 DATE: MARCH 1963
 SCALE: 1" = 200 FT.

OWNER & DEVELOPER
 RICHARD M. GARDNER
 110-112 W. MAIN ST.
 LOUISIANA, MISSISSIPPI

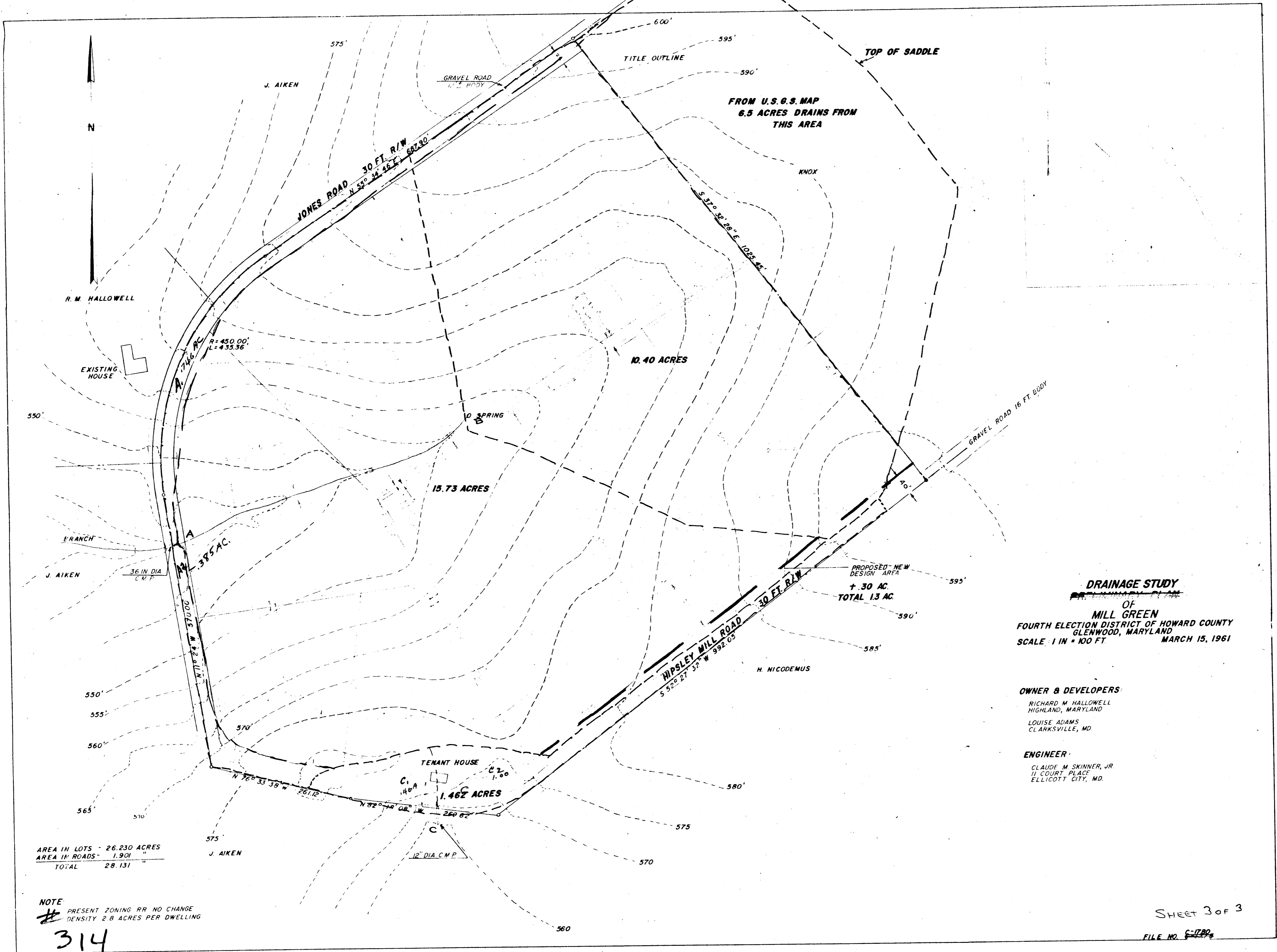
ENGINEER
 CLAUDE M. SIMPSON JR.
 11 COURT PLACE
 ELICFIELD, MISSISSIPPI

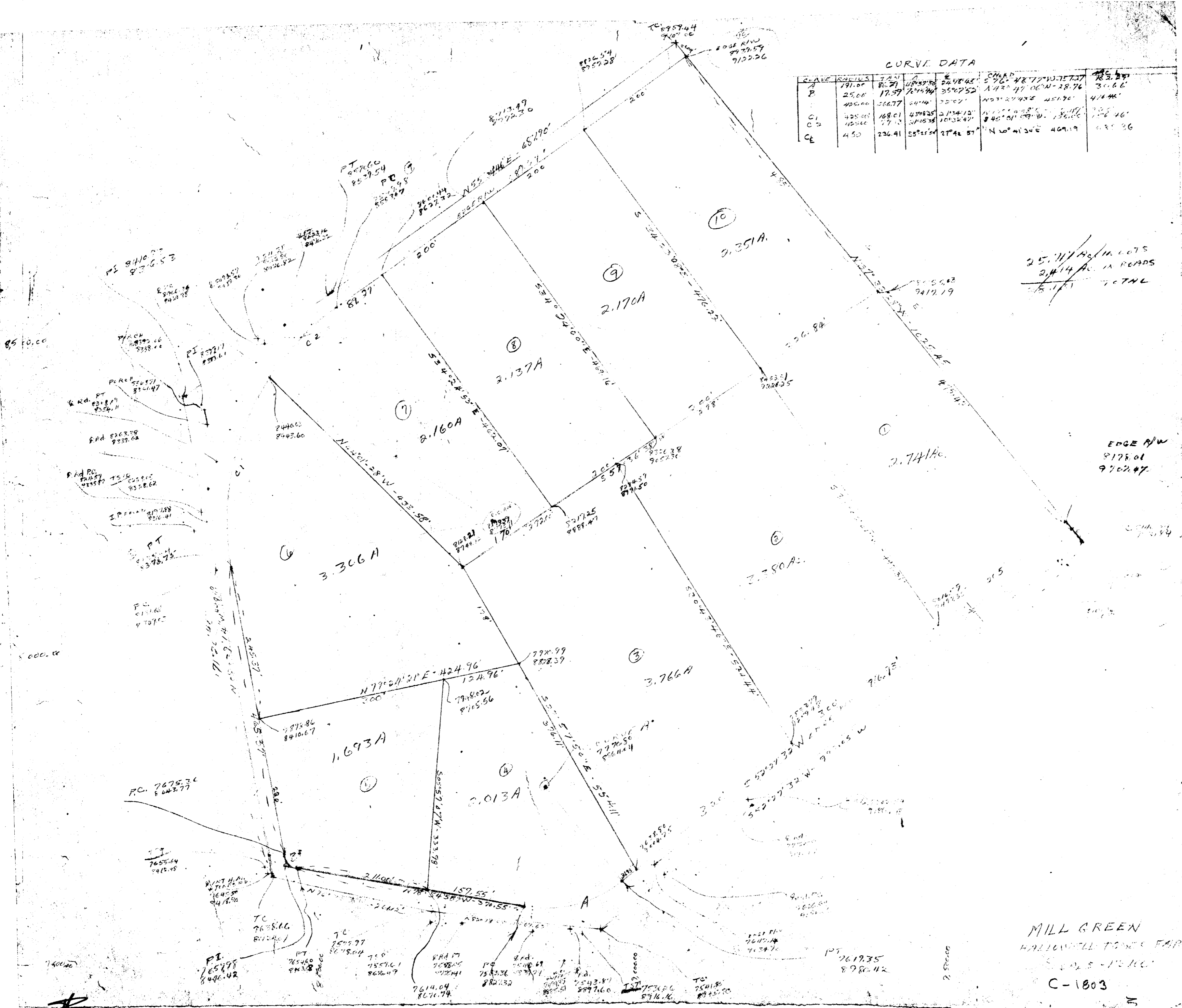
AREA IN LOTS 76.4 ACRES
 AREA IN ROADS 8.22
 TOTAL 84.62 ACRES

NOTE:
 PRESENT ZONING R-1 TO CHANGE
 DENSITY 1.52 ACRE PER DWELLING

APPROVED FOR THE BOARD OF SUPERVISORS
 MAY 2 1963

F.S.P 85





CURVE DATA

GRADE	CHORDS	TA	Δ	E	CHORD	CHORD	CHORD
P	191.00	81.27	108° 57' 30"	24.9845	576° 48' 77"	10.7577	78.287
B	25.00	17.57	76° 44' 44"	35° 07' 52"	142° 47' 06"	28.76	31.66
C1	405.00	206.77	84° 44'	25° 07'	103° 27' 42"	451.90	414.46
C2	425.00	168.01	43° 48' 25"	2° 13' 41"	103° 40' 58"	451.90	176.46
CE	450	236.41	55° 45' 34"	27° 46' 57"	110° 01' 30"	409.19	687.36

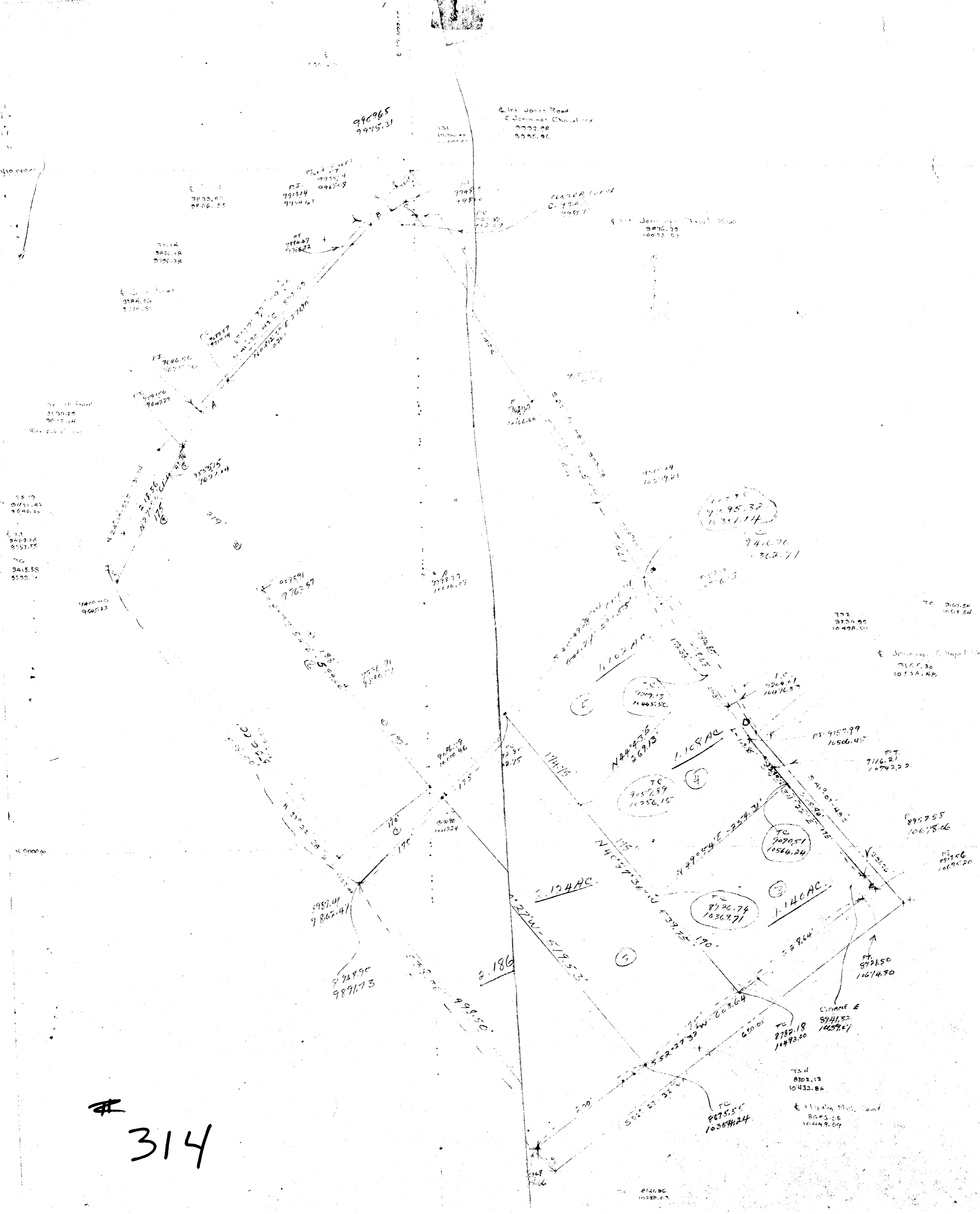
25.11 AC IN LOTS
2.14 AC IN ROADS
27.25
TOTAL

EDGE A/W
9178.01
9762.47

MILL GREEN
HARRINGTON FARM
C-1803

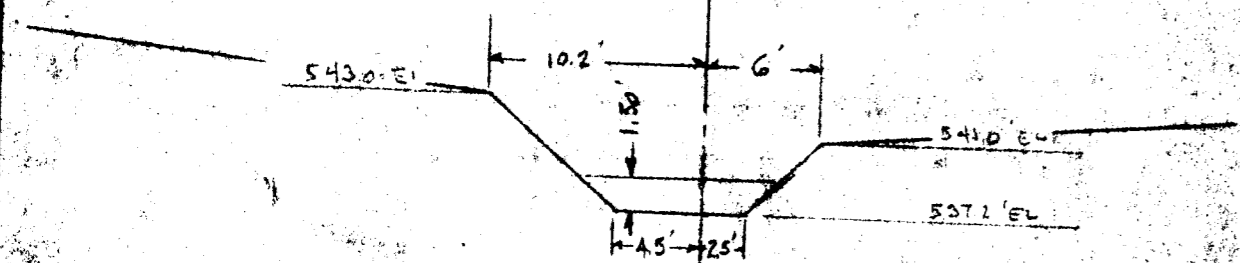
314

CURVA	Z	RAD	TAN	ARC L	CHD.
A	16222'	47.13	6.00	119.18	N36°01'15"E-187.18
B	17033.31	43.56	4.00	78.68	N56°30'46"E-78.68
C	72222.00	25.00	25.00	39.27	S. 78°12' E - 39.27
D	072222.00	133.45	55.00	109.85	S76°53'11"E-109.85
E	73221.24	25.00	26.34	46.84	S. 05°50'35"W-46.84



314

CROSS-SECTION OF STREAM
AT A



$Q = 76.5 \text{ CFS}$

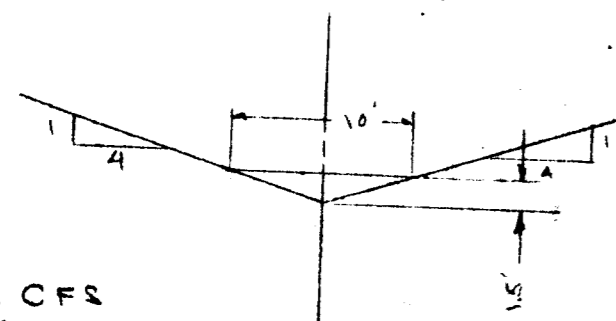
ASSUMING A FLOW DEPTH OF 1.5 FT
 $S = 2.5\%$

$R = \frac{A}{P} = \frac{13.50}{11.7} = 1.154$ $R^{2/3} = 1.097$
 $S^{1/2} = .158$

$V = \frac{1.486}{.035} \times 1.097 \times .158 = 7 \text{ Ft/sec}$ OK

SCALE: 1" = 10 FT

V DITCH REQ'D FROM POINT B
TO TITLE LINE



$Q = 40.2 \text{ CFS}$
 $A = 6.25 \text{ SQ FT}$

$R = \frac{6.25}{10.30} = .605$

$S = 5\%$

$R^{2/3} = .711$

$S^{1/2} = .2236$

$V = \frac{1.486}{.035} \times .711 \times .2236 = 6.7 \text{ Ft/sec}$ OK

SCALE: 1" = 10 FT

MILL GREEN DRAINAGE STUDY

CLAUDE M. SKINNER, JR.
REGISTERED PROFESSIONAL ENGINEER
29 COURT AVENUE
ELLCOTT CITY, MARYLAND

114

Computation of Pipes and Channels

Subdivision MILL GREEN
 Section ONE
 Sheet _____

Date 3/16/61
 Checked _____
 Sheet 1 of 3

AREA	REMARKS	Incremental Acres	Total Acres	C	CA	Sigma CA	Time of Concentration	I	Q	SLOPE %		PIPE SIZE	V	L	Time in Pipe
								in/hr.	cfs	MIN.	ACT.		FT.	EPS	
B	TO COMPUTE DITCH	16.90	16.90	.35	5.91		4 MIN	6.8	40.2		4.5		4 FT/sec	100	4 MIN
B-A	TO COMPUTE DITCH & PIPE	15.73	32.63	.35	11.42		6 MIN	6.7	76.5			30 dia	5 FT/sec	570	2 MIN
C	TO COMPUTE PIPE SIZE	1.46	1.46	.45	.66		4 MIN	6.8	4.5			12" dia	4 FT/sec	950	4 MIN
	FLOW OF SPRING TOO SMALL TO BE CONSIDERED														
PROPOSED REDESIGN 5/2/61															
C	PIPE	1.762	1.762	.45	.77		4 MIN	6.8	5.4			18"	3 FT/s	90	30 SEC
C1	DITCH	.46		.45	.207		2 MIN	6.8	1.4		4%				
C2	DITCH	1.3		.45	.585		4 MIN	6.8	4.0		3%				
C3	DITCH	.80	.80	.45	.36		3 MIN	6.8	2.45		2%				
A1	DITCH	.746		.45	.336		5 MIN	6.8	2.28		3.5				
A2	DITCH	.385		.45	.173		2 MIN	6.8	1.18		5.5				

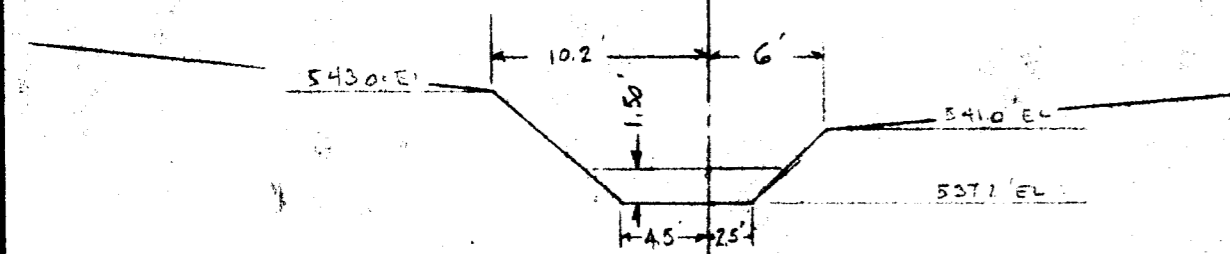
CLAUDE M. SKINNER, JR.
 REGISTERED PROFESSIONAL ENGINEER
 29 COURT AVENUE
 BELLCOTT CITY, MARYLAND

314

Revised 5/20/61

FILE No. A

CROSS-SECTION OF STREAM AT A



$Q = 76.5 \text{ CFS}$

ASSUMING A FLOW DEPTH OF 1.5 FT

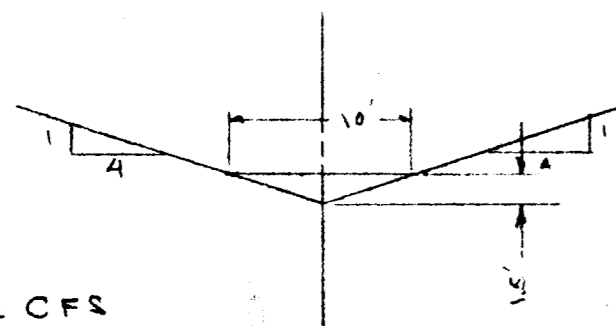
$S = 2.5\%$

$R = \frac{A}{P} = \frac{13.50}{11.7} = 1.154$ $R^{2/3} = 1.097$
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314