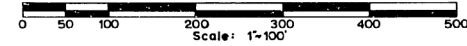


# LANCER REALM

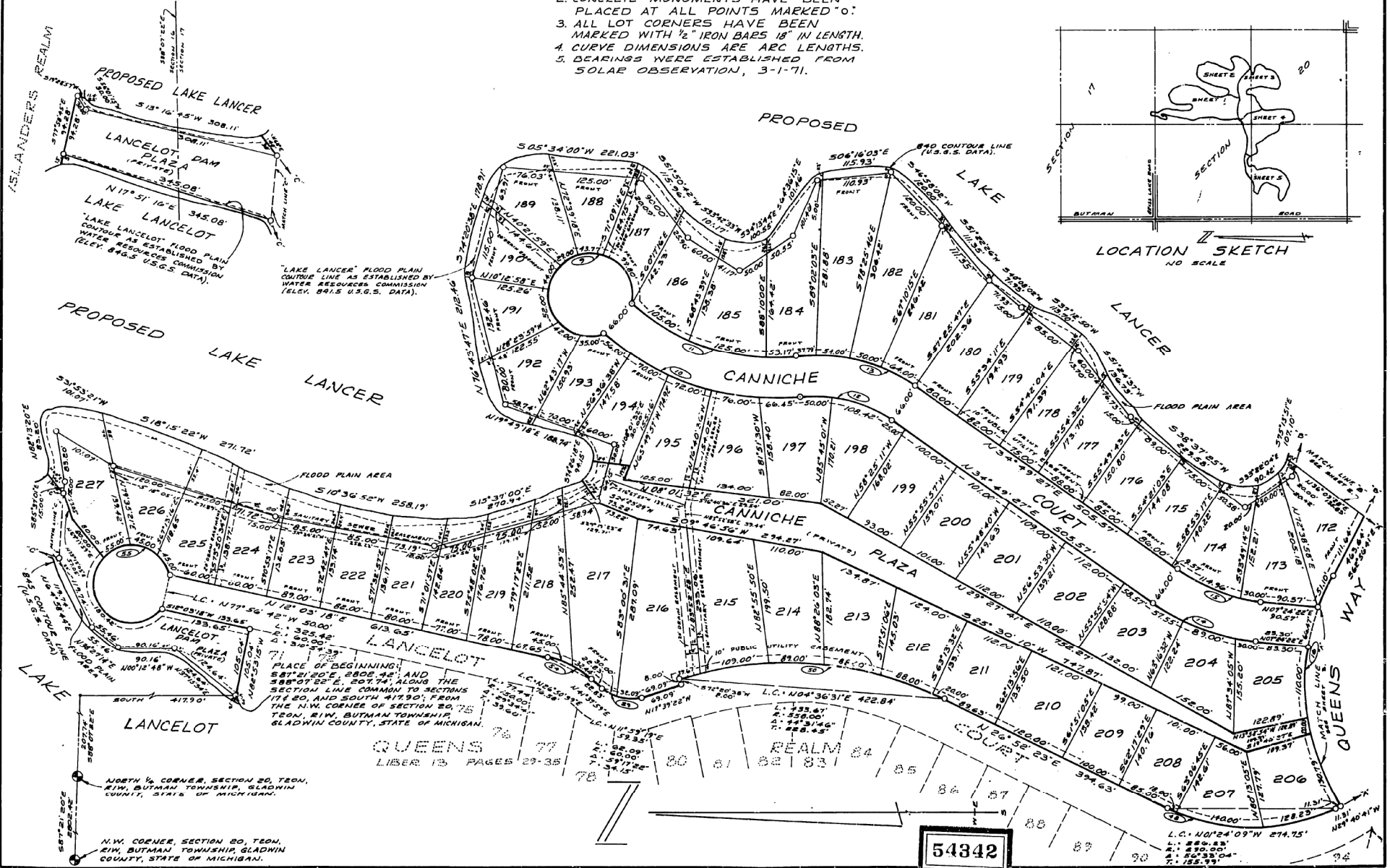
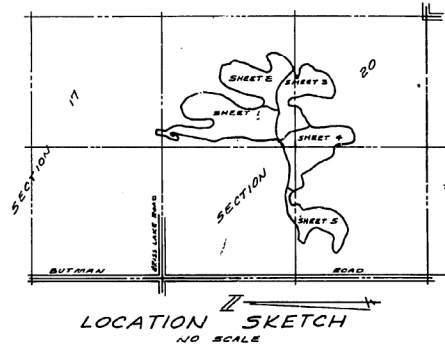
Part of Section 20, and Part of the Southwest  $\frac{1}{4}$  of the Southeast  $\frac{1}{4}$  of Section 17, T20N, R1W, Butman Township, Gladwin County State of Michigan.



## CURVE DATA

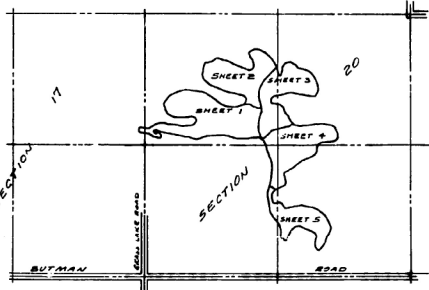
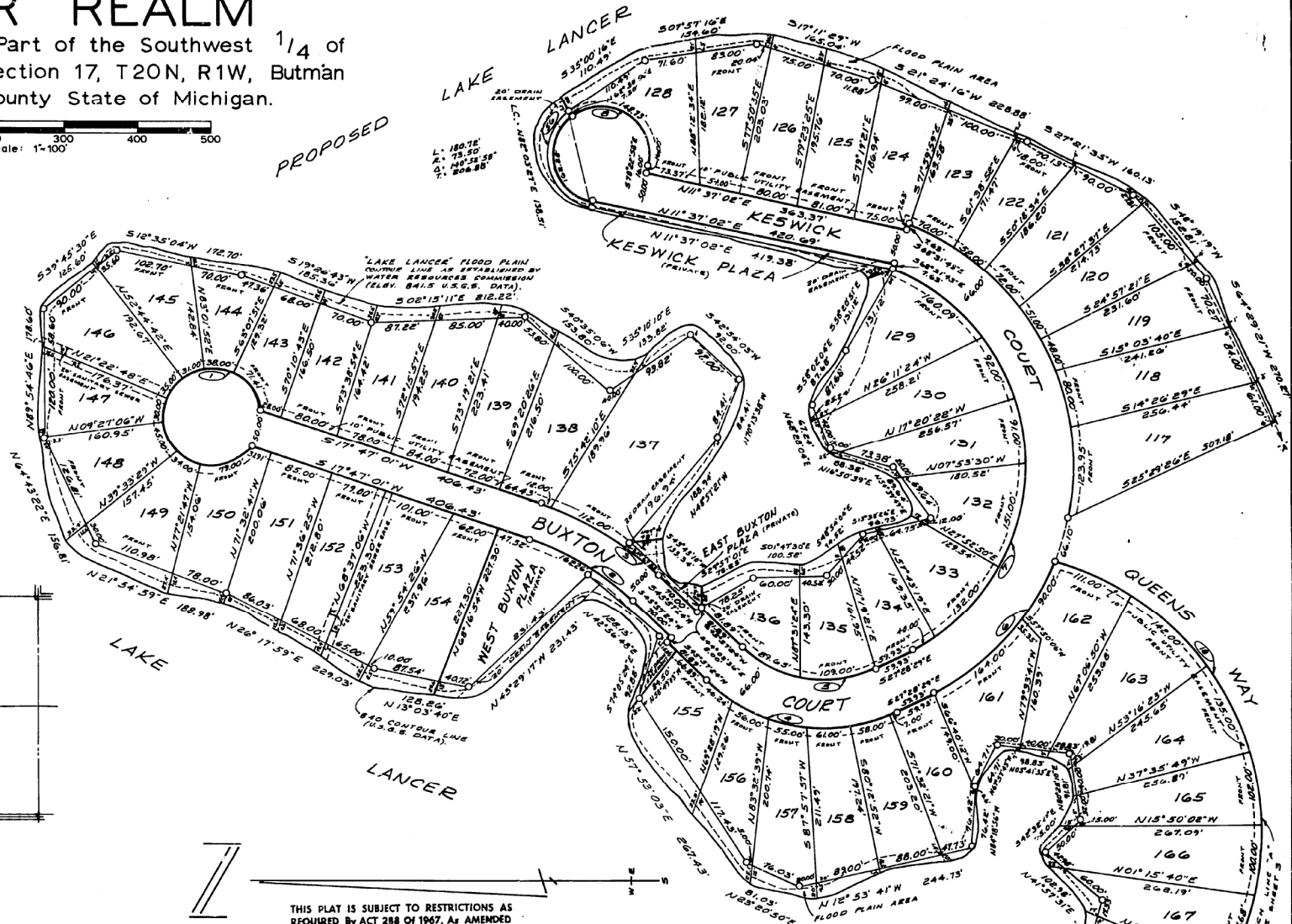
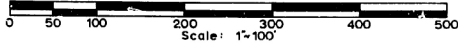
	LENGTH	RADIUS	DELTA	TANGENT	LONG CHORD BEARING	
9.	345.57'	66.00'	300°99'00"	38.10'	S 46° 33' 37" E	66.00'
10.	340.45'	392.24'	49°43'55"	181.79'	N 18° 34' 30" E	329.87'
11.	283.17'	326.24'	49°43'55"	151.20'	N 18° 34' 30" E	274.36'
12.	158.42'	220.77'	41°06'59"	82.80'	N 14° 16' 03" E	155.05'
13.	205.79'	286.77'	41°06'59"	107.55'	N 14° 16' 03" E	201.40'
14.	176.55'	368.94'	27°25'05"	90.00'	N 21° 06' 55" E	174.87'
15.	144.96'	302.94'	27°25'05"	73.89'	N 21° 06' 55" E	143.58'
16.	378.36'	361.97'	59°53'25"	208.52'	N 87° 01' 50" E	361.37'
18.	286.36'	290.00'	56°33'04"	155.99'	N 01° 24' 09" W	274.75'
20.	433.67'	558.00'	44°31'16"	228.45'	N 04° 36' 31" E	422.84'
29.	62.09'	60.00'	59°17'22"	34.15'	N 11° 59' 19" E	59.35'
54.	77.44'	150.00'	29°34'41"	39.60'	N 26° 50' 39" E	76.58'
55.	325.42'	60.00'	310°54'39"	N 77° 56' 42" W	50.00'	

- LEGEND:
1. ALL DIMENSIONS ARE IN FEET.
  2. CONCRETE MONUMENTS HAVE BEEN PLACED AT ALL POINTS MARKED "o".
  3. ALL LOT CORNERS HAVE BEEN MARKED WITH  $\frac{1}{2}$ " IRON BARS 18" IN LENGTH.
  4. CURVE DIMENSIONS ARE ARC LENGTHS.
  5. BEARINGS WERE ESTABLISHED FROM SOLAR OBSERVATION, 3-1-71.



# LANCER REALM

Part of Section 20, and Part of the Southwest  $\frac{1}{4}$  of the Southeast  $\frac{1}{4}$  of Section 17, T20N, R1W, Butman Township, Gladwin County State of Michigan.



LOCATION SKETCH  
NO SCALE

THIS PLAT IS SUBJECT TO RESTRICTIONS AS REQUIRED BY ACT 288 OF 1967, AS AMENDED ON CERTAIN LOTS WITH RESPECT TO THE REQUIREMENTS OF THE MICHIGAN DEPARTMENT OF NATURAL RESOURCES AND OF THE MICHIGAN DEPARTMENT OF PUBLIC HEALTH, WHICH ARE RECORDED IN LIBER 255 PAGE 541252 OF RECORDS OF THIS COUNTY.

CURVE DATA

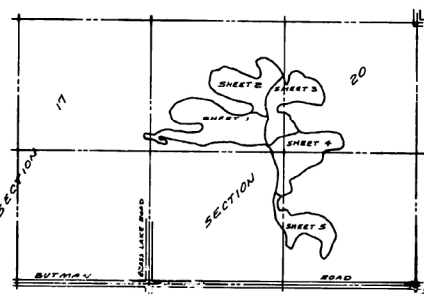
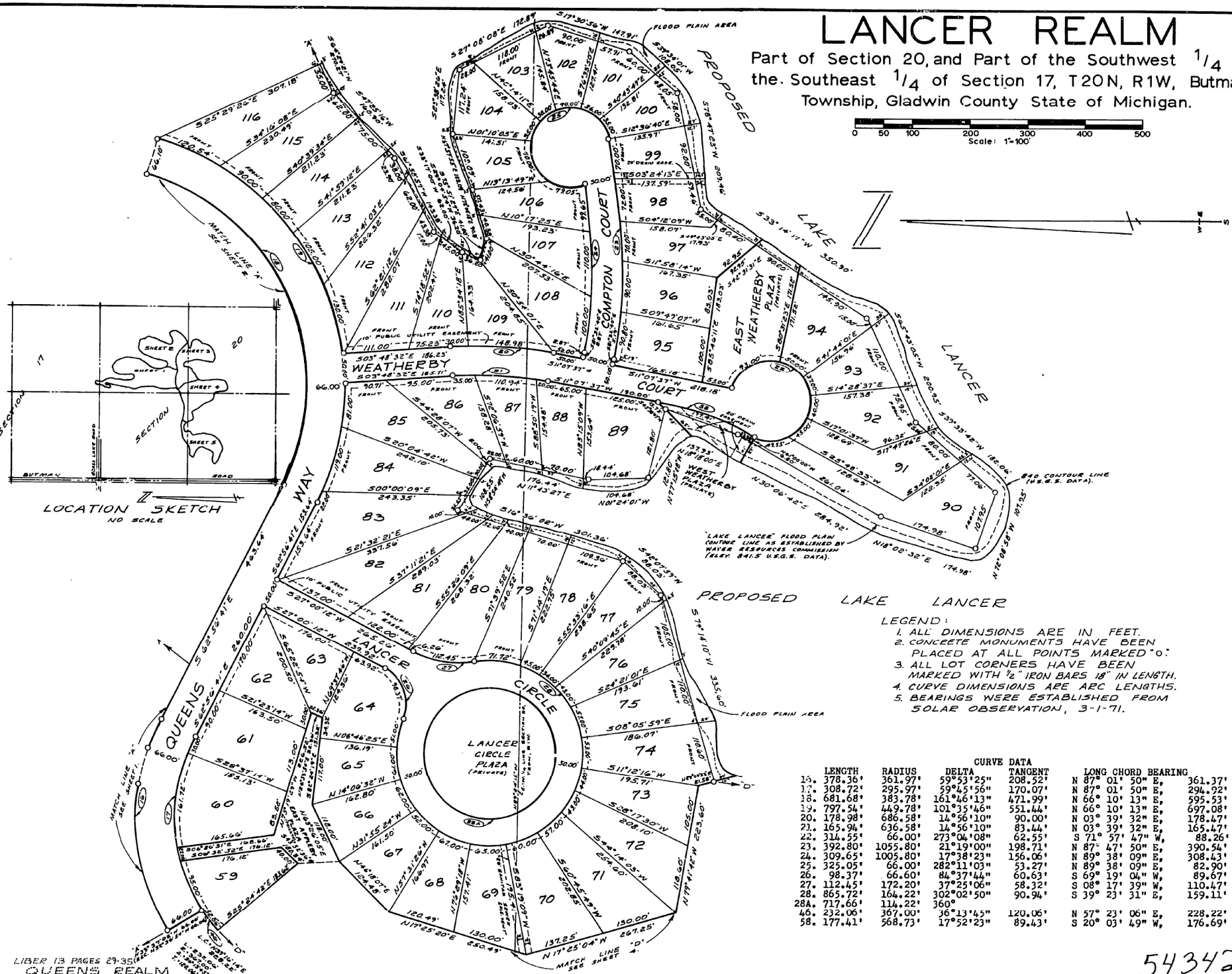
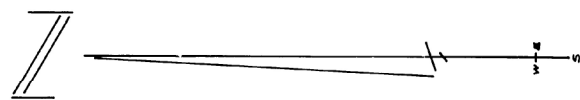
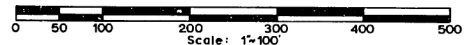
	LENGTH	RADIUS	DELTA	TANGENT	LONG CHORD BEARING
1.	363.41'	66.00'	315°28'58"	27.01'	S 72° 12' 59" E, 50.00'
2.	162.26'	330.00'	28°10'23"	82.81'	S 31° 52' 13" W, 160.63'
3.	186.85'	380.00'	28°10'23"	95.35'	S 31° 52' 13" W, 184.97'
4.	283.24'	221.00'	73°25'53"	164.82'	S 09° 14' 28" W, 264.24'
5.	198.65'	155.00'	73°25'53"	115.60'	S 09° 14' 28" W, 185.33'
6.	817.05'	357.21'	131°03'14"	784.80'	N 86° 59' 54" E, 650.23'
7.	666.09'	291.21'	131°03'14"	639.80'	N 86° 59' 54" E, 539.09'
8.	311.01'	66.00'	270°00'00"	66.00'	N 33° 23' 12" W, 33.33'
18.	681.68'	383.78'	161°46'13"	471.99'	N 66° 10' 13" E, 595.53'
56.	180.72'	73.50'	140°52'58"	206.88'	N 82° 03' 27" E, 138.51'

- LEGEND:
1. ALL DIMENSIONS ARE IN FEET.
  2. CONCRETE MONUMENTS HAVE BEEN PLACED AT ALL POINTS MARKED "O".
  3. ALL LOT CORNERS HAVE BEEN MARKED WITH  $\frac{1}{2}$ " IRON BARS 18" IN LENGTH.
  4. CURVE DIMENSIONS ARE ARC LENGTHS.
  5. DEARINGS WERE ESTABLISHED FROM SOLAR OBSERVATION, 3-1-71.

54342

# LANCER REALM

Part of Section 20, and Part of the Southwest  $\frac{1}{4}$  of the Southeast  $\frac{1}{4}$  of Section 17, T20N, R1W, Butman Township, Gladwin County State of Michigan.



- LEGEND:
1. ALL DIMENSIONS ARE IN FEET.
  2. CONCRETE MONUMENTS HAVE BEEN PLACED AT ALL POINTS MARKED "O".
  3. ALL LOT CORNERS HAVE BEEN MARKED WITH  $\frac{1}{2}$ " IRON BARS  $\frac{1}{8}$ " IN LENGTH.
  4. CURVE DIMENSIONS ARE ARC LENGTHS.
  5. BEARINGS WERE ESTABLISHED FROM SOLAR OBSERVATION, 3-1-71.

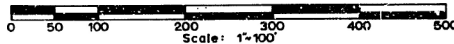
	LENGTH	RADIUS	DELTA	TANGENT	LONG CHORD BEARING	
15.	378.36'	361.97'	59°53'25"	208.52'	N 87° 01' 50" E,	361.37'
17.	308.72'	295.97'	59°45'56"	170.07'	N 87° 01' 50" E,	294.92'
18.	681.68'	383.78'	161°46'13"	471.99'	N 66° 10' 13" E,	595.53'
19.	797.54'	449.78'	101°35'46"	551.44'	N 66° 10' 13" E,	697.08'
20.	178.98'	686.58'	14°56'10"	90.00'	N 03° 39' 32" E,	178.47'
21.	165.94'	636.58'	14°56'10"	83.44'	N 03° 39' 32" E,	165.47'
22.	314.55'	66.00'	273°04'08"	62.55'	S 71° 57' 47" W,	88.26'
23.	392.80'	1055.80'	21°19'00"	198.71'	N 87° 47' 50" E,	390.54'
24.	309.65'	1005.80'	17°38'23"	156.06'	N 89° 38' 09" E,	308.43'
25.	325.05'	66.00'	282°11'03"	53.27'	N 89° 38' 09" E,	82.90'
26.	98.37'	66.60'	84°37'44"	60.63'	S 69° 19' 04" W,	89.67'
27.	112.45'	172.20'	37°25'06"	58.32'	S 08° 17' 39" W,	110.47'
28.	865.72'	164.22'	302°02'50"	90.94'	S 39° 23' 31" E,	159.11'
28A.	717.66'	114.22'	360°			
46.	232.06'	367.00'	36°13'45"	120.06'	N 57° 23' 06" E,	228.22'
58.	177.41'	568.73'	17°52'23"	89.43'	S 20° 03' 49" W,	176.69'

LIBER 13 PAGES 29-35  
QUEENS REALM

54342  
SHEET 3 OF 7.

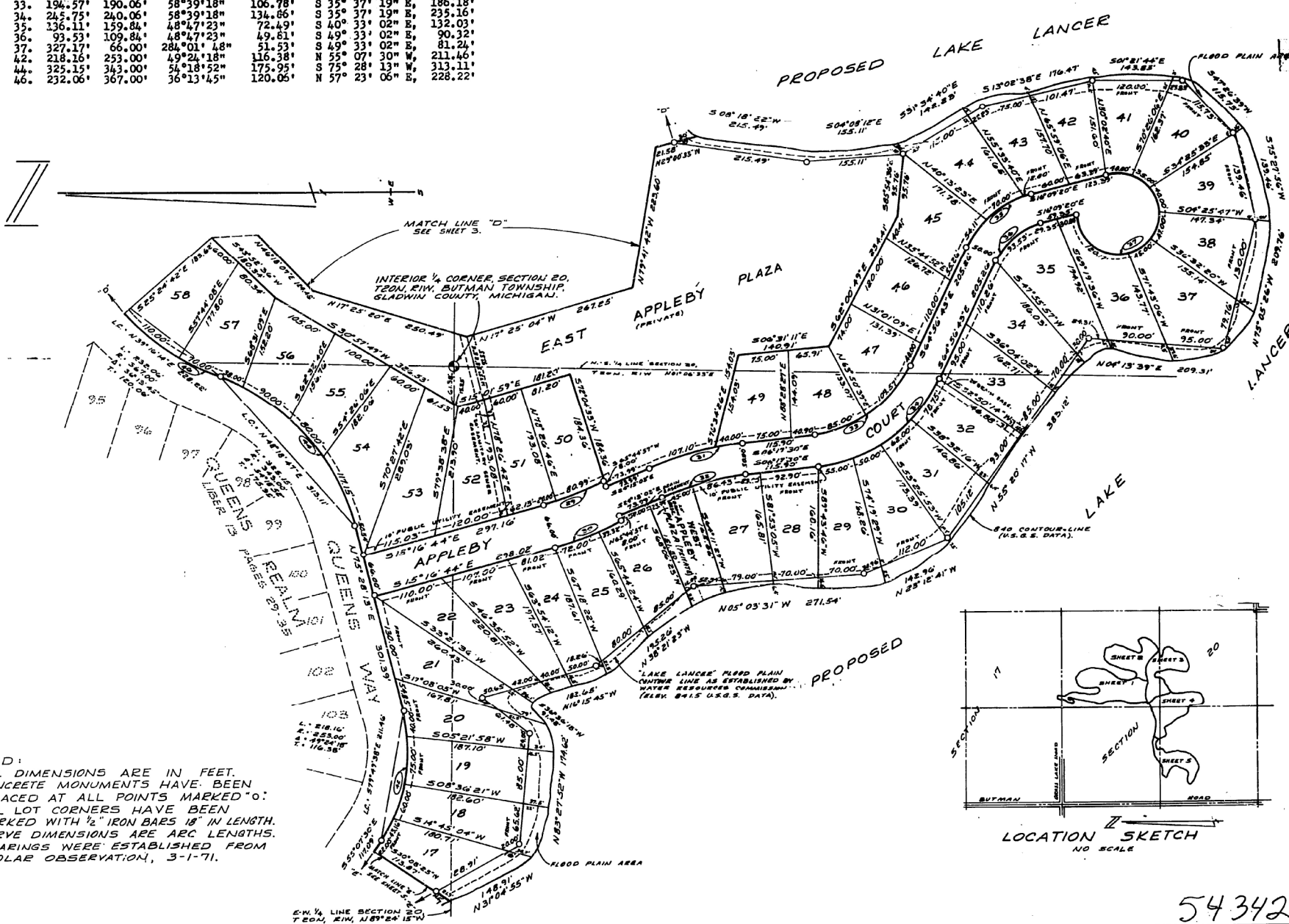
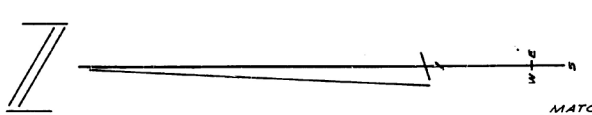
# LANCER REALM

Part of Section 20, and Part of the Southwest  $\frac{1}{4}$  of the Southeast  $\frac{1}{4}$  of Section 17, T20N, R1W, Butman Township, Gladwin County State of Michigan.

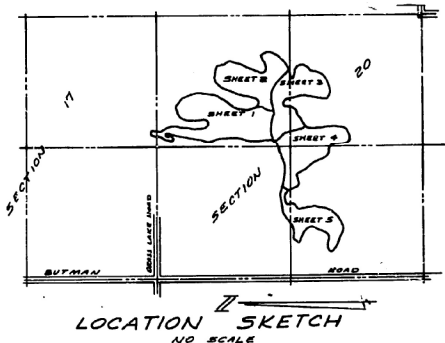


### CURVE DATA

	LENGTH	RADIUS	DELTA	TANGENT	LONG CHORD BEARING
29.	100.99'	644.95'	08°58'19"	50.60'	S 19° 45' 54" E, 100.89'
30.	111.32'	710.95'	08°58'19"	55.77'	S 19° 45' 54" E, 111.21'
31.	147.10'	469.34'	17°57'28"	74.16'	S 15° 16' 19" E, 146.50'
32.	131.43'	419.34'	17°57'28"	66.25'	S 15° 16' 19" E, 130.89'
33.	194.57'	190.06'	58°39'18"	106.78'	S 35° 37' 19" E, 186.18'
34.	245.75'	240.06'	58°39'18"	134.86'	S 35° 37' 19" E, 235.16'
35.	136.11'	159.84'	48°47'23"	72.49'	S 40° 33' 02" E, 132.03'
36.	93.53'	109.84'	48°47'23"	49.61'	S 49° 33' 02" E, 90.32'
37.	327.17'	66.00'	284°01'48"	51.53'	S 49° 33' 02" E, 81.24'
42.	218.16'	253.00'	49°24'18"	116.38'	N 55° 07' 30" W, 211.46'
44.	325.15'	343.00'	54°18'52"	175.98'	S 75° 28' 13" W, 313.11'
46.	232.06'	367.00'	56°13'45"	120.06'	N 57° 23' 06" E, 228.22'



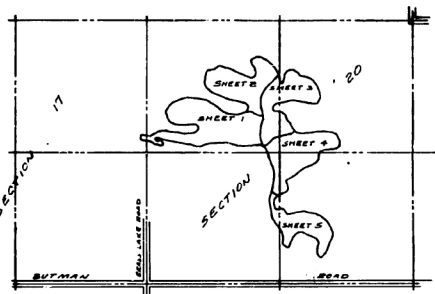
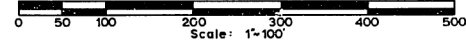
- LEGEND:**
1. ALL DIMENSIONS ARE IN FEET.
  2. CONCRETE MONUMENTS HAVE BEEN PLACED AT ALL POINTS MARKED "O".
  3. ALL LOT CORNERS HAVE BEEN MARKED WITH  $\frac{1}{2}$ " IRON BARS 18" IN LENGTH.
  4. CURVE DIMENSIONS ARE ARC LENGTHS.
  5. BEARINGS WERE ESTABLISHED FROM SOLAR OBSERVATION, 3-1-71.



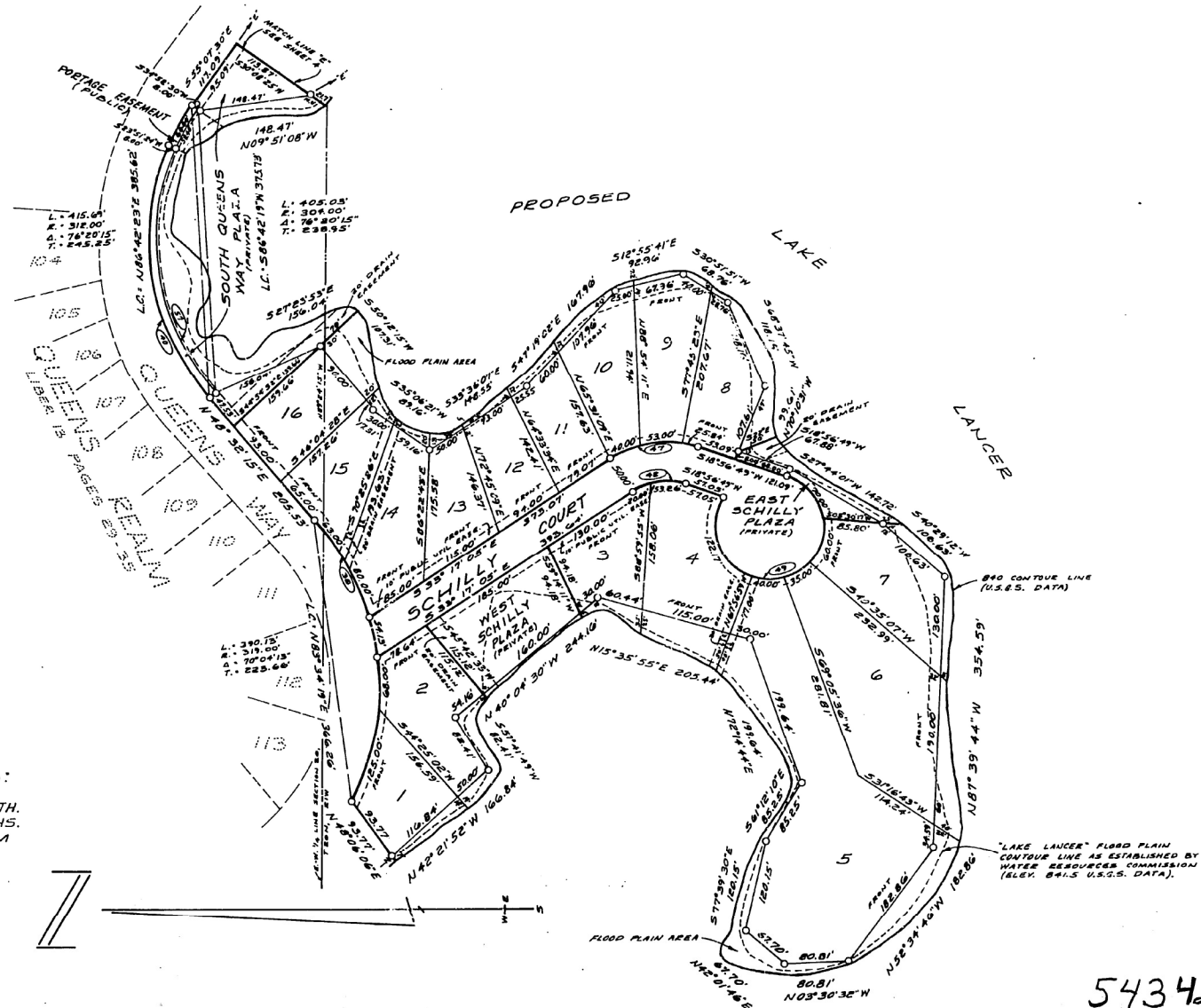
# LANCER REALM

Part of Section 20, and Part of the Southwest  $\frac{1}{4}$  of the Southeast  $\frac{1}{4}$  of Section 17, T20N, R1W, Butman Township, Gladwin County State of Michigan.

LENGTH	RADIUS	CURVE DATA		LONG CHORD	BEARING
		DELTA	TANGENT		
38. 390.11'	319.00'	70°04'11"	223.66'	N 83° 34' 19" E,	366.26'
40. 415.69'	312.00'	76°20'15"	245.25'	N 86° 42' 23" E,	385.62'
47. 118.84'	130.36'	52°13'54"	63.91'	S 07° 10' 08" E,	114.77'
48. 73.28'	80.36'	52°13'54"	39.39'	S 07° 10' 08" E,	70.74'
49. 327.17'	66.00'	284°01'48"	51.53'	N 19° 02' 37" W,	81.24'
57. 405.03'	304.00'	76°20'15"	238.95'	S 86° 42' 19" W,	375.73'



LOCATION SKETCH  
NO SCALE



- LEGEND:
1. ALL DIMENSIONS ARE IN FEET.
  2. CONCRETE MONUMENTS HAVE BEEN PLACED AT ALL POINTS MARKED "O".
  3. ALL LOT CORNERS HAVE BEEN MARKED WITH  $\frac{1}{2}$ " IRON BARS 18" IN LENGTH.
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54342