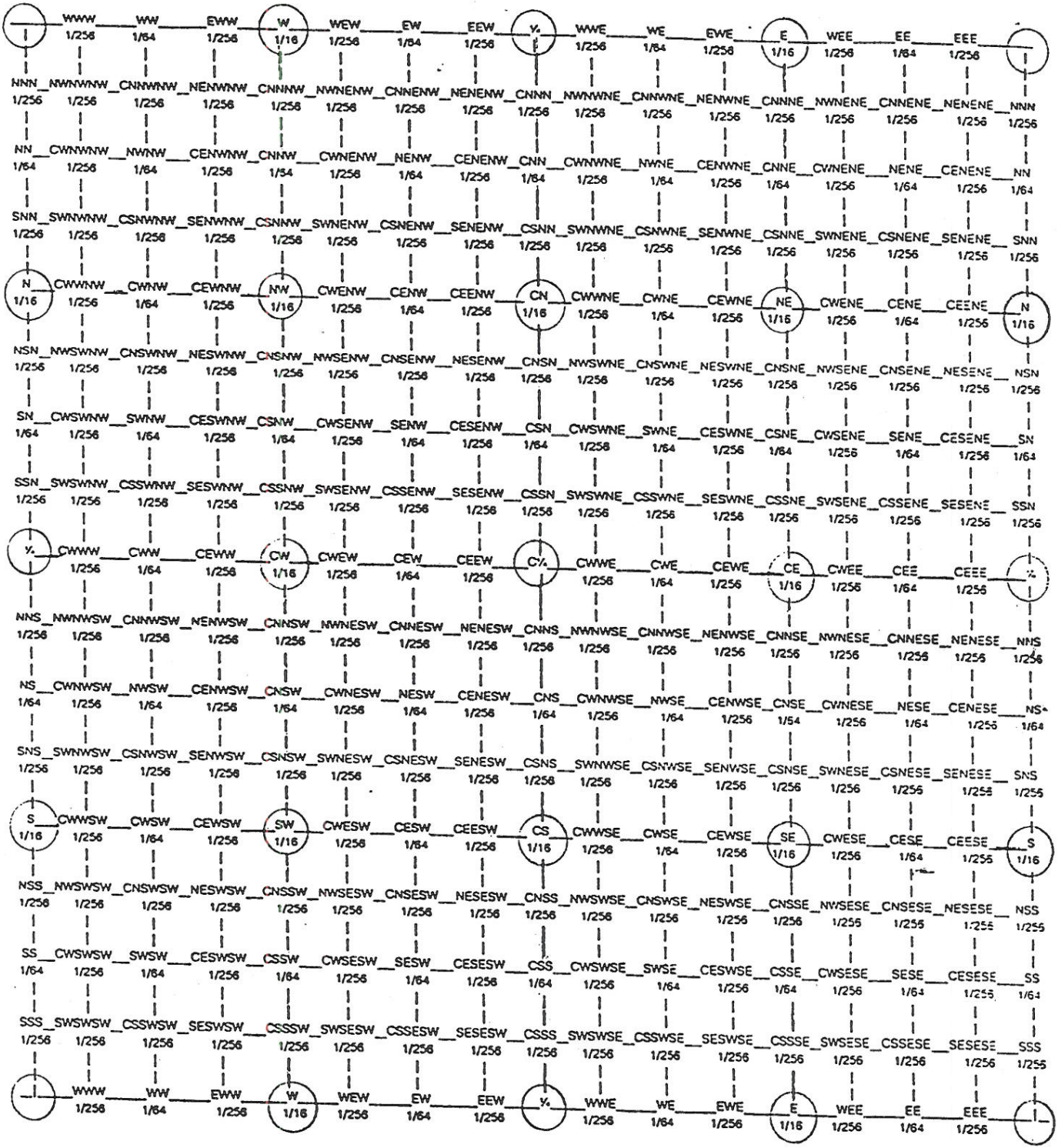


CORNER DESIGNATION DIAGRAM

LINEAR MEASURE

1 inch =	.0833 ft.
7.92 inches =	1 link
12 inches =	1 foot
1 vara = approx.	33 in.
2 3/4 feet = approx.	1 vara
3 feet =	1 yard
25 links =	16 1/2 feet
25 links =	1 rod
100 links =	1 chain
16 1/2 feet =	1 rod
5 1/2 yards =	1 rod
4 rods =	100 links
66 feet =	1 chain
80 chains =	1 mile
320 rods =	1 mile
5280 feet =	1 mile
1760 yards =	1 mile

SQUARE MEASURE

144 sq. in. =	1 sq. foot
9 sq. feet	1 sq. yard
30 1/4 sq. yds. =	1 sq. rod
16 sq. rods =	1 sq. chain
1 sq. rod	272 1/4 sq. ft.
1 sq. chain =	4356 sq. ft.
10 sq. chains =	1 acre
160 sq. rods =	1 acre
4840 sq. yds. =	1 acre
43560 sq. ft. =	1 acre
640 acres =	1 sq. mile
1 section =	1 sq. mile
1 Twp. =	36 sq. miles
1 Twp. =	6 miles sq.

AN ACRE IS:

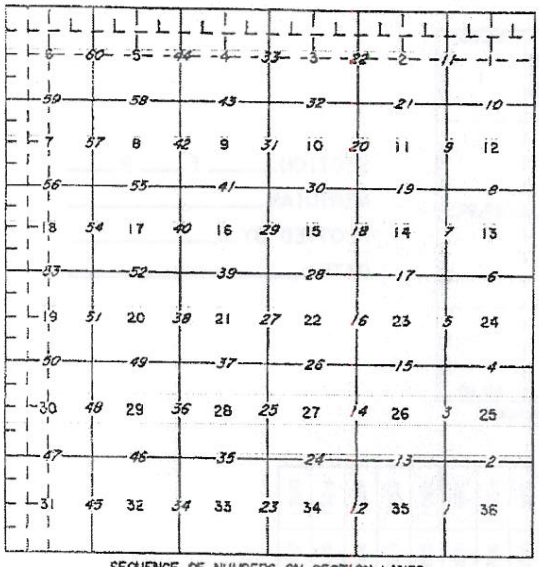
43,560 sq. ft.	1320 feet x 33 feet
165 feet x 264 feet	660 feet x 66 feet
198 feet x 220 feet	330 feet x 132 feet
5280 feet x 8.25 feet	160 square rods
2640 feet x 16.50 feet	208'8 1/2" square or
	208.71033 feet square

or any rectangular tract, the product of the length and the width of which totals 43560 sq. ft.

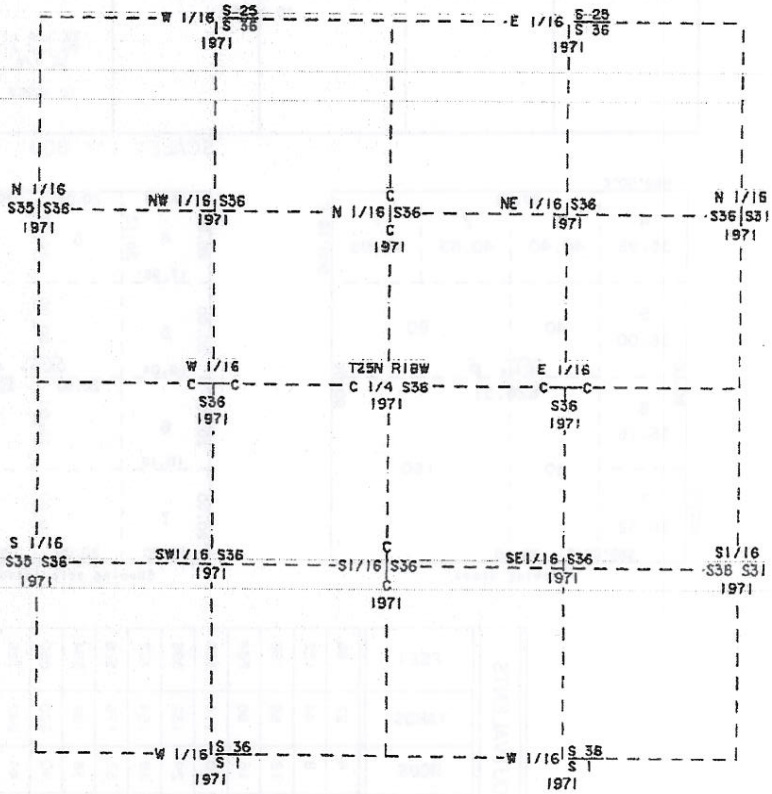
* $(208.71033)^2 = 43560.002$ sq. ft.

36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6
12	7	8	9	10	11	12	7
13	18	17	16	15	14	13	18
24	19	20	21	22	23	24	19
25	30	29	28	27	26	25	30
36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6

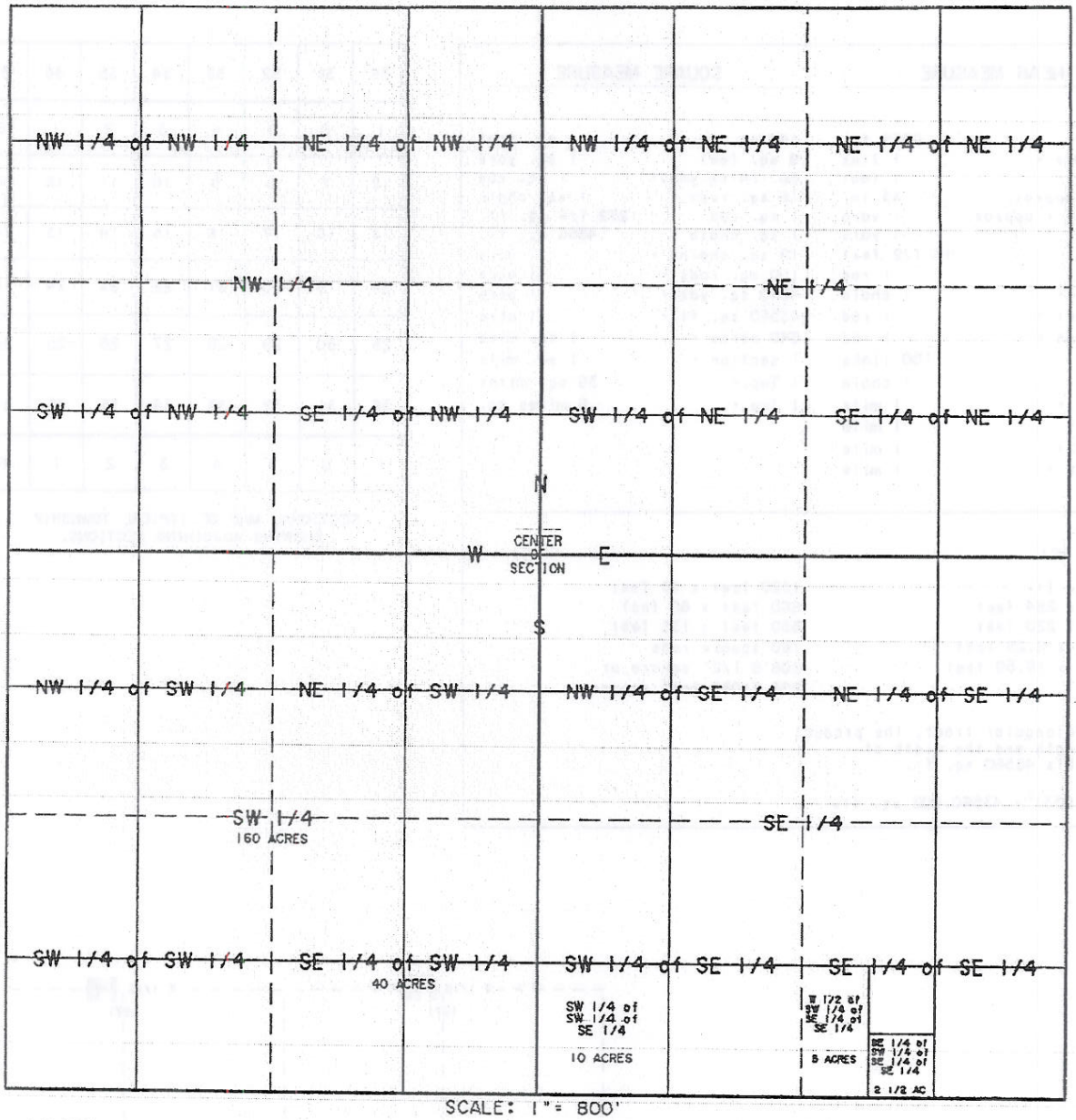
SECTIONAL MAP OF TYPICAL TOWNSHIP SHOWING ADJOINING SECTIONS.



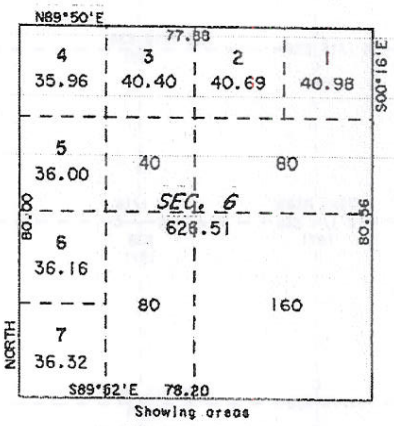
SEQUENCE OF NUMBERS ON SECTION LINES SHOWS NORMAL ORDER OF SUBDIVISION.



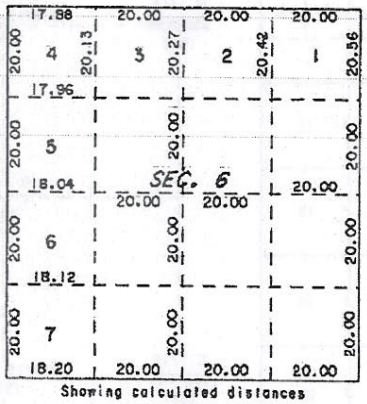
INTERIOR QUARTER-SECTION CORNER AND ALL SIXTEENTH-SECTION CORNERS.



SCALE: 1" = 800'



Showing areas



Showing calculated distances

SECTION ____ T ____ R ____

MERIDIAN _____

PLOTTED BY _____

DATE: _____

EQUIVALENTS																					
FEET	66	132	198	264	330	396	462	528	594	660	726	792	858	924	990	1056	1122	1188	1254	1320
YARDS	22	44	66	88	110	132	154	176	198	220	242	264	286	308	330	352	374	396	418	440
RODS	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
CHAINS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20